PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER
33AC23221

TDLR: TABS2025006985

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

CFISD - RFP#: 24-02-5752-R-RFP

11430-B Perry Road, Houston, TX 77064

ORIGINAL ISSUE

ISSUE FOR PROPOSALS

December 09, 2024

Page/

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REFERENCE SYMBOLS

SYMBOL	DESCRIPTION
MATCHLINE / REF XX/X-XXX	MATCH LINE / SHEET REFERENCE
1 / 000	KEYED NOTE
XX	PARTITION TAG REFER TO PARTITION SCHEDULE
A6 / A-311	BUILDING SECTION TAG
A6 / A-311	WALL SECTION TAG
A6 / A-202	EXTERIOR ELEVATION TAG
H6 A-411	INTERIOR ELEVATION TAG
A6 / A-431	PLAN REFERENCE TAG

SYMBOL	DESCRIPTION
NAME / XXXXX	ROOM NAME / ROOM NUMBER
XXXXX	EQUIPMENT TAG
TA-XX	TOILET ACCESSORY TAG
XX' - XX"	DATUM ELEVATION
1	REVISION MARK
1 / A-101 SIM	DETAIL MARK AND ENLARGED PLAN REFERENCE
1001 — NEW DOOR WITH DOOR TAG REF DOOR SCH	A — NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS

SYMBOL	DESCRIPTION
WP1 WP1	WALL PROTECTION
EJ EJ	EXPANSION JOINT
CG	CORNER GUARD
X / XX	CASEWORK TYPE ABBREVIATION HEIGHT WIDTH
(hatch)	NOT IN CONTRACT (NIC) - UNO BY MECHANICAL, PLUMBING, ELECTRICAL, OR STRUCTURAL SHEETS
(hatch)	EXISTING TO NEW BOUNDARY
A NEW / A EXISTING	COLUMN GRID DESIGNATIONS

ABBREVIATIONS & NOTATIONS

A
AB ANCHOR BOLT
ACT ACOUSTICAL TILE
AD AREA DRAIN
AFF ABOVE FINISH FLOOR
ALT ALTERNATE
ALUM ALUMINUM
ARCH ARCHITECTURAL
AU ASH URN
AV AUDIO VISUAL

B
BD BOARD
BLD BUILDING
BLK BLOCKING
BM BEAM OR BENCHMARK
BNG BEARING
BOD BOTTOM OF DECK
BOT BOTTOM
BR BACKER ROD
BRG BRIDGING
BUR BUILT-UP ROOFING
BW BOTH WAYS

C
C COURSE
CAB CABINET
CEM CEMENT OR CEMENTITIOUS
CG CORNER GUARD
CFCI CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED
CIP CAST-IN-PLACE
CIR CIRCLE
CJ CONTROL JOINT
CLG CEILING
cm CENTIMETER
CMU CONCRETE MASONRY UNIT
COL COLUMN
CONC CONCRETE
CONS CONSTRUCTION
CONT CONTINUOUS
CORR CORRIDOR
CPT CARPET
CSK COUNTERSINK
CT CERAMIC TILE

D
D DEPTH OR DEEP
DBL DOUBLE
DEG DEGREE
DEM DEMOLITION
DTL DETAIL
DF DRINKING FOUNTAIN
DIA DIAMETER
DIM DIMENSION
DN DOWN
DP DAMPPROOFING
DR DOOR
DS DOWNSPOUT
DTL DETAIL
DW DISHWASHER
DWG DRAWING
DWR DRAWER

E
E EAST
EA EACH
EHB ELECTRIC HAIR BLOWER
EHD ELECTRIC HAND DRYER
EIFS EXTERIOR INSULATING FINISH SYSTEM
EJ EXPANSION JOINT
EL ELEVATION
ELEC ELECTRICAL
ELEV ELEVATOR
EQ EQUAL
EQUIP EQUIPMENT
ETS EXPOSED TO STRUCTURE
EW EACH WAY
EWC ELECTRIC WATER COOLER
EXP EXPANSION OR EXPOSED
EXIST EXISTING
EXT EXTERIOR
EXTD EXTRUDED

F
FACP FIRE ACCESS CONTROL PANEL
FD FLOOR DRAIN
FE FIRE EXTINGUISHER
FEC FIRE EXTINGUISHER CABINET
FEX FIRE EXTINGUISHER (NO CABINET)
FFA FURNITURE, FIXTURES & ACCESSORIES
FFE FURNITURE, FIXTURES & EQUIPMENT
FF FINISHED FLOOR
FHC FIRE HOSE CABINET
FIN FINISH
FLR FLOOR
FLUOR FLUORESCENT
FP FIREPROOFING
FR FIRE RETARDANT/ FIRE RESISTIVE
FRP FIBERGLASS REINFORCED POLYMER
FT FOOT/ FEET
FTG FOOTING
FURN FURNITURE
FV FIELD VERIFY
FWC FABRIC WALL COVERING
FPHB FREEZE-PROOF HOSE BIBB

G
GA GAUGE
GALV GALVANIZED
GB GRAB BAR
GFRC GLASS FIBER REINFORCED CONCRETE
GFRG GLASS FIBER REINFORCED GYPSUM
GL GLASS
GND GROUND
GR GRADE
GYP GYPSUM
GYP BD GYPSUM BOARD

H
H HIGH
HB HOSE BIBB
HC HOLLOW CORE
HD HOLD
HBD HARDBOARD
HCTL HANDICAPPED ACCESSIBLE TOILET
HDR HEADER
HDW HARDWARE
HDWD HARDWOOD
HM HOLLOW METAL
HOR HORIZONTAL
HPL HIGH PRESSURE LAMINATE
HR HOUR
HT HEIGHT
HVAC HEATING, VENTILATION & AIR CONDITIONING

I
ID INSIDE
IN DIAMETER INCH
INCAN INCANDESCENT
INSUL INSULATION
INT INTERIOR

J
JB JUNCTION BOX
JT JOINT

K
KD KNOCK DOWN
KO KNOCKOUT

L
L LONG
LAM LAMINATED
LAV LAVATORY
LB LAG BOLT
LF LINEAR BOLT OR LINEAR FEET
LLH LONG LEG HORIZONTAL
LLV LONG LEG VERTICAL
LT LIGHT OR LIGHTING

M
M METER
MAC MACHINE
MAS MASONRY
MAT'L MATERIAL
MAX MAXIMUM
MBH MOP AND BROOM HOLDER
MBR MODIFIED BITUMEN ROOFING
MC MEDICINE CABINET
MECH MECHANICAL
MEM MEMBRANE
MFR MANUFACTURER
MH MANHOLE
MIN MINIMUM
MIR-F MIRROR-FRAMED EDGE
MIR-G MIRROR-GLASS EDGE
MLD MOULDING
MM MILLIMETER
MO MASONRY OPENING
MS MOP SINK
MTD MOUNTED
MTG MOUNTING
MTL METAL

N
N NORTH
NCOM NONCOMBUSTIBLE
NIC NOT IN CONTRACT
NOM NOMINAL
NPS NOMINAL PIPE
NTS NOT TO SCALE

O
OC ON CENTER
OD OUTSIDE DIAMETER
OFCI OWNER FURNISHED/ CONTRACTOR INSTALLED
OFD OVERFLOW DRAIN
OFOI OWNER FURNISHED/ OWNER INSTALLED
OH OPPOSITE HAND OR OVERHEAD
OPG OPENING
OPP OPPOSITE
OPT OPTION OR OPTIONAL

P
PC PRECAST
PCEM PORTLAND CEMENT
PA PUBLIC ADDRESS SYSTEM
PCF POUNDS PER CUBIC FOOT
PL PLATE
PLAM PLASTIC LAMINATE
PLTR PLASTER
PLBG PLUMBING
PLF POUNDS PER LINEAR FOOT
PMR PROTECTED MEMBRANE ROOFING
PNL PANEL
PNT PAINT OR PAINTED
POL POLISHED
PR PAIR
PSF POUNDS PER SQUARE FOOT
PSI POUNDS PER SQUARE INCH
PT POINT
PTD PAPER TOWEL DISPENSER
PTD/WR PAPER TOWEL DISPENSER/ WASTE RECEPTACLE
PTM PATCH TO MATCH
PTN PARTITION
PVC POLYVINYL CHLORIDE
PVMT PAVEMENT
PWD PLYWOOD

Q
QT QUARRY TILE
QTR QUARTER
QTY QUANTITY

R
R RADIUS OR RISER
RA RETURN AIR
RCP REFLECTED CEILING PLAN
RD ROOF DRAIN
REF REFER OR REFERENCE
REFL REFLECTED
REG REGISTER
REIN REINFORCEMENT
REQ REQUIRED
RES RESILIENT
REV REVERSE
RH ROBE HOOK
RM ROOM
RO ROUGH OPENING
ROW RIGHT-OF-WAY
RSF RESILIENT SHEET FLOORING

S
S SOUTH
SA SUPPLY AIR
SAN SANITARY
SB SPLASH BLOCK
SC SOLID CORE OR SHOWER CURTAIN
SCHD SCHEDULE OR SCHEDULED
SCW SOLID CORE WOOD
SD SOAP DISPENSER
SECT SECTION
SF SQUARE FOOT OR SQUARE FEET
SFP SPRAYED FIREPROOFING
SH SPRINKLER HEAD
SHT SHEET
SHTG SHEATHING
SIM SIMILAR
SKLT SKYLIGHT
SND SANITARY NAPKIN DISPOSAL
SNV SANITARY NAPKIN VENDOR
SP STANDPIPE
SPEC SPECIFIED OR SPECIFICATIONS
SPR SINGLE PLY ROOFING
SQ SQUARE
SR SHOWER ROD
SR/SC SHOWER ROD/ SHOWER CURTAIN
SS STAINLESS STEEL
ST SOAP TRAY
STA STATION
STC SOUND TRANSMISSION CLASS
STD STANDARD
STL STEEL
STOR STORAGE
STRUCT STRUCTURE OR STRUCTURAL
SUSP SUSPENDED OR SUSPENSION
SYM SYMBOL
SYN SYNTHETIC
SYS SYSTEM

T
T TREAD OR TOP
TB TOWEL BAR
TBL TOP OF BRICK LEDGE
T&B TEST AND BALANCE
TC TOP OF CURB
TD TRENCH DRAIN
TEL TELEPHONE
TERR TERRAZZO
T&G TONGUE & GROOVE
THK THICK OR THICKNESS
THRU THROUGH
TLT TOILET
TOC TOP OF CONCRETE
TOD TOP OF DECK
TOF TOP OF FOOTING
TOI TOP OF INSULATION
TOJ TOP OF JOIST
TOL TOLERANCE
TOP TOP OF PARAPET
TOS TOP OF STEEL
TOW TOP OF WALL
TPH TOILET PAPER HOLDER
TR TELEPHONE RECEPTACLE
TS TOP OF SLAB
TTB TELEPHONE TERMINAL BOARD
TV TELEVISION
TYP TYPICAL

U
UCL UNDER CABINET LIGHT
ULAY UNDERLAYMENT
UNO UNLESS NOTED OTHERWISE
UR URINAL

V
VB VAPOR BARRIER
VCT VINYL COMPOSITION TILE
VERT VERTICAL
VP VENT PIPE
VS VENT SHAFT
VT VINYL TILE
VWC VINYL WALLCOVERING

W
W WEST OR WIDE OR WIDTH
W/ WITH
WB WIND BRACE OR BRACING
WC WATER CLOSET
WCOT WAINSCOT
WD WOOD
WDO WINDOW
WH WEEPHOLE
WO WINDOW OPENING
W/O WITHOUT
WP WATERPROOFING
WR WASTE RECEPTACLE
W/R WATER RESISTIVE OR RESISTANT
WS WEATHERSTRIPPING
WT WEIGHT
WWF WELDED WIRE FABRIC

Y
YD YARD

& AND
L ANGLE (RIGHT)
L ANGLE (ACUTE)
@ AT
CL CENTERLINE
= EQUAL
± PLUS OR MINUS
POUND OR NUMBER
x TIMES
° DEGREES
' FOOT OR FEET
" INCH
- MINUS
+ PLUS

GENERAL NOTES

1. DO NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSION(S), THE CONSTRUCTION MANAGER SHALL NOTIFY THE ARCHITECT.
2. ALL DIMENSIONS ON PLANS ARE TO THE FACE OF MASONRY OR CONCRETE OR THE OUTSIDE FACE OF GYPSUM BOARD, UNLESS NOTED OTHERWISE.
3. ALL MASONRY DIMENSIONS ARE ACTUAL UNLESS NOTED OTHERWISE. VERIFY ALL DIMENSIONS, CONDITIONS, EXISTING CONSTRUCTION AND GRADES AT JOB SITE. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS.
4. VERIFY SIZE, LOCATION AND CHARACTERISTICS OF ALL WORK AND EQUIPMENT TO BE INSTALLED OR RELOCATED (WHETHER FURNISHED BY OWNER OR BY CONTRACTOR(S)) BEFORE ANY CONSTRUCTION PERTAINING TO SAME IS BEGUN. ERRORS AND OMISSIONS IN THE ROOM, DOOR, WINDOW OR EQUIPMENT SCHEDULES DO NOT RELIEVE THE CONTRACTORS FROM EXECUTING WORK SHOWN ON DRAWINGS OR DESCRIBED IN THE SPECIFICATIONS.
5. VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS FOR STRUCTURAL, MECHANICAL AND ELECTRICAL WORK AND EQUIPMENT WITH ALL TRADES INVOLVED.
6. CEILING HEIGHTS INDICATED ON THE CONSTRUCTION DOCUMENTS ARE TAKEN FROM THE FINISH FLOOR ELEVATION. THE SIZE, LOCATION AND CHARACTERISTICS OF ALL MECHANICAL, ELECTRICAL AND STRUCTURAL ITEMS SHALL BE VERIFIED BEFORE CEILING CONSTRUCTION IS BEGUN.
7. COORDINATE WITH ALL TRADES IN ORDER TO MAINTAIN SCHEDULED CEILING HEIGHTS. VERIFY THAT REQUIRED OPERATION AND MAINTENANCE CLEARANCES ARE PROVIDED FOR ALL EQUIPMENT ITEMS.
8. DEMOLITION WORK IS ADDRESSED THROUGHOUT THE CONSTRUCTION DOCUMENTS AND IS NOT LIMITED TO THE "DEMOLITION" DRAWINGS. REMOVE ALL CONSTRUCTION ITEMS NOT REQUIRED FOR THE FINISHED NEW CONSTRUCTION, EVEN IF NOT INDIVIDUALLY ENUMERATED. MECHANICAL, ELECTRICAL, INCLUDING BUT NOT LIMITED TO CONDUIT, BOXES, PIPING, ETC., NOT REQUIRED FOR THE FINISH WORK SHALL BE REMOVED OR RE ROUTED. WORK REQUIRED FOR EXISTING MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS IS NOT LIMITED TO THE RENOVATION AREA, BUT MAY OCCUR OUTSIDE THE LIMITS OF WORK AS WELL AS THE FLOORS ABOVE AND BELOW THE WORK. INCLUDE ONLY IF APPLICABLE (DEMO SCOPE)
9. ANY DAMAGE TO EXISTING SHELL BUILDING WALLS / MATERIALS OR SURFACES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION. INCLUDE ONLY IF APPLICABLE (EXISTING BUILDING)
10. ALL PENETRATIONS (PIPING, CONDUIT, DUCTWORK, ETC.) THROUGH THE STRUCTURAL ROOF DECK, WALLS, OR FLOORS SHALL BE COMPLETELY SEALED.
11. INSTALL ALL ITEMS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, EXCEPT THAT THE SPECIFICATIONS HEREIN, WHERE THE MORE STRINGENT, SHALL BE COMPLIED WITH. NOTIFY THE ARCHITECT IN WRITING OF ANY CONFLICTS.

BUILDING NOTE CODES

1. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-1 WITHIN 75 FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE TENANT SPACE ON EACH FLOOR, AND ADDITIONAL EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR OR BUILDING DEPARTMENT INSPECTOR.
2. PROVIDE EXIT SIGN OVER REQUIRED EXITS, WHERE SHOWN ON DRAWINGS, AND ADDITIONAL SIGNS AS REQUIRED BY BUILDING DEPARTMENT INSPECTOR OR FIRE DEPARTMENT FIELD INSPECTOR. CONNECT EXIT SIGNS TO EMERGENCY POWER CIRCUITS OR PROVIDE BATTERY PACKS. COMPLY WITH BUILDING CODES.
3. PROVIDE EMERGENCY LIGHTING OF ONE FOOT-CANDLE AT FLOOR LEVEL.
4. MAINTAIN AISLES AT LEAST 44" WIDE AT BUILDING CORRIDORS.
5. EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.
6. DOORS LOCATED IN SMOKE COMPARTMENT WALLS AND NOT ACCESSING FIRE RATED ROOMS SHALL BE SELF CLOSING AND PROTECTED WITH A SMOKE OR DRAFT STOP ASSEMBLY HAVING A 20-MINUTE RATING
7. 20-MINUTE DOOR JAMBS TO BE TIGHT-FITTING, SMOKE AND DRAFT CONTROLLED.
8. INTERIOR WALL AND CEILING FINISHES SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 FLAME SPREAD AND SMOKE-DEVELOPED INDEXES.
   A. CLASS A, FLAME SPREAD 0-25; SMOKE DEVELOPED 0-450.
   B. CLASS B, FLAME SPREAD 26-75; SMOKE DEVELOPED 0-450.
   C. CLASS C, FLAME SPREAD 76-200; SMOKE DEVELOPED 0-450.

   REFERENCE IBC 2018 SECTION 803, WALL AND CEILING FINISHES, AND TABLE 803.13 FOR FINISH REQUIREMENTS BY OCCUPANCY AND SPACES. REFER TO SECTION 804 FOR FLOOR FINISH REQUIREMENTS.
9. DECORATIONS (CURTAINS, DRAPES, SHADES, HANGINGS, ETC.) SHALL BE NON-COMBUSTIBLE OR BE FLAME PROOFED IN AN APPROPRIATE MANNER.
10. PROVIDE FIRE DAMPERS WHERE AIR DUCTS PENETRATE FIRE-RATED WALLS OR CEILINGS.
11. STORAGE, DISPENSING, OR USE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS, FLAMMABLE GAS, AND HAZARDOUS SUBSTANCES SHALL COMPLY WITH LOCAL FIRE CODE REGULATIONS.
12. WOOD BLOCKING SHALL BE FIRE TREATED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS.
13. LOCATE THE CENTER OF FIRE ALARM INITIATING DEVICES 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK.
14. EMERGENCY WARNING SYSTEMS SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.

SHEET NUMBERING CONVENTION

A D - # # #

DISCIPLINE
DRAWING DESIGNATOR IF APPLICABLE BLANK IF NOT
NUMBERING WILL VARY PER PACKAGE OR SHEET CONTENT

DRAWING DESIGNATOR
S = SITE
D = DEMOLITION
C = CEILING
I = INTERIORS

ARCHITECTURAL - INDEX OF DRAWINGS

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G-003	GENERAL - GUIDELINES FOR COMPLIANCE WITH TEXAS ACCESSIBILLITY STANDARDS	DECEMBER 09, 2024
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GL-101	GENERAL - LIFE SAFETY PLAN - LEVEL 01	DECEMBER 09, 2024
GL-102	GENERAL - FIRE PROOFING PLAN	DECEMBER 09, 2024
CIVIL		
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C3.02	UTILITY PLAN	DECEMBER 09, 2024
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C3.04	STORM WATER POLLUTION PREVENTION PLAN	DECEMBER 09, 2024
C3.05	STORM WATER POLLUTION PREVENTION PLAN	DECEMBER 09, 2024
C5.01	PAVING & JOINTING PLAN (SHEET 1 OF 3)	DECEMBER 09, 2024
C5.02	PAVING & JOINTING PLAN (SHEET 2 OF 3)	DECEMBER 09, 2024
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C7.01	PAVING DETAILS	DECEMBER 09, 2024
C7.02	UTILITY DETAILS	DECEMBER 09, 2024
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L6.03	IRRIGATION PLAN	DECEMBER 09, 2024
L6.04	IRRIGATION PLAN	DECEMBER 09, 2024
L6.05	IRRIGATION DETAILS	DECEMBER 09, 2024
ARCHITECTURAL SITE		
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AD-AS-101-1	ARCHITECTURAL DEMOLITION - ENLARGED ARCHITECTURE SITE PLAN	DECEMBER 09, 2024
AS-101	ARCHITECTURAL - SITE PLAN	DECEMBER 09, 2024
AS-101-4-2	ARCHITECTURAL - SITE PLAN - AREA 4	DECEMBER 09, 2024
AS-501-1	ARCHITECTURAL - SITE DETAILS, ELEVATIONS, ETC	DECEMBER 09, 2024
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AS-501-3	ARCHITECTURAL - ATHELIC STORAGE BLDG.	DECEMBER 09, 2024
AS-501-4	ARCHITECTURAL - ATHELIC STORAGE BLDG. DETAILS	DECEMBER 09, 2024
AS-501-5	ARCHITECTURAL - DEMOLITION PRESSBOX PLAN	DECEMBER 09, 2024
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AS-501-8	ARCHITECTURAL - PROPOSED PRESSBOX ELEVATIONS	DECEMBER 09, 2024
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AS-501-10	ARCHITECTURAL - SITE PLAN - TENNIS COURT DETAILS	DECEMBER 09, 2024
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E-604	ELECTRICAL PANEL SCHEDULES	DECEMBER 09, 2024
E-605	ELECTRICAL PANEL SCHEDULES	DECEMBER 09, 2024
E-606	ELECTRICAL PANEL SCHEDULES	DECEMBER 09, 2024
E-607	ELECTRICAL PANEL SCHEDULES	DECEMBER 09, 2024
E-608	ELECTRICAL PANEL SCHEDULES	DECEMBER 09, 2024
E-700	ELECTRICAL DETAILS	DECEMBER 09, 2024
E-701	ELECTRICAL LIGHTING DETAILS	DECEMBER 09, 2024
PLUMBING		
P-001-B	PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA B	DECEMBER 09, 2024
P-002-C	PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA C	DECEMBER 09, 2024
P-003-E	PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA E	DECEMBER 09, 2024
P-004-F	PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F	DECEMBER 09, 2024
P-005-G	PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA G	DECEMBER 09, 2024
P-006-H	PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA H	DECEMBER 09, 2024
P-007-I	PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA I	DECEMBER 09, 2024
P-008-J	PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA J	DECEMBER 09, 2024
P-009-B	PLUMBING DEMOLITION FLOOR PLAN - LEVEL 2 - AREA B	DECEMBER 09, 2024
P-010-I	PLUMBING DEMOLITION ROOF PLAN -AREA I	DECEMBER 09, 2024
P-101	PLUMBING SITE PLAN	DECEMBER 09, 2024
P-102	PLUMBING ENLARGED PLANS - PRESSBOXES & CONCESSION STAND	DECEMBER 09, 2024
P-201-B	PLUMBING UNDERFLOOR PLAN - AREA B	DECEMBER 09, 2024
P-201-F	PLUMBING UNDERFLOOR PLAN - AREA F	DECEMBER 09, 2024
P-202-G	PLUMBING UNDERFLOOR PLAN - AREA G	DECEMBER 09, 2024
P-203-I	PLUMBING UNDERFLOOR PLAN - AREA I	DECEMBER 09, 2024
P-301-A	PLUMBING FLOOR PLAN - LEVEL 1 - AREA A	DECEMBER 09, 2024
P-301-B	PLUMBING FLOOR PLAN - LEVEL 1 - AREA B	DECEMBER 09, 2024
P-302-C	PLUMBING FLOOR PLAN - LEVEL 1 - AREA C	DECEMBER 09, 2024
P-303-E	PLUMBING FLOOR PLAN - LEVEL 1 - AREA E	DECEMBER 09, 2024
P-304-F	PLUMBING FLOOR PLAN - AREA F	DECEMBER 09, 2024
P-305-G	PLUMBING 1ST FLOOR PLAN - AREA G	DECEMBER 09, 2024
P-306-H	PLUMBING FLOOR PLAN - LEVEL 1 - AREA H	DECEMBER 09, 2024
P-307-I	PLUMBING FLOOR PLAN - LEVEL 1 - AREA I	DECEMBER 09, 2024
P-308-J	PLUMBING FLOOR PLAN - LEVEL - AREA J	DECEMBER 09, 2024
P-309-K	PLUMBING FLOOR PLAN - LEVEL 1 - AREA K	DECEMBER 09, 2024
P-310-B	PLUMBING FLOOR PLAN - LEVEL 2 - AREA B	DECEMBER 09, 2024
P-310-C	PLUMBING FLOOR PLAN - LEVEL 2 - AREA C	DECEMBER 09, 2024
P-311-E	PLUMBING FLOOR PLAN - LEVEL 2 - AREA E	DECEMBER 09, 2024
P-312-H	PLUMBING FLOOR PLAN - LEVEL 2 - AREA H	DECEMBER 09, 2024
P-313-A	PLUMBING ROOF PLAN - AREA A	DECEMBER 09, 2024
P-314-B	PLUMBING ROOF PLAN - AREA B	DECEMBER 09, 2024
P-315-C	PLUMBING ROOF PLAN - AREA C	DECEMBER 09, 2024
P-316-E	PLUMBING ROOF PLAN - AREA E	DECEMBER 09, 2024
P-317-F	PLUMBING ROOF PLAN - AREA F	DECEMBER 09, 2024
P-318-G	PLUMBING ROOF PLAN - AREA G	DECEMBER 09, 2024
P-319-H	PLUMBING ROOF PLAN - AREA H	DECEMBER 09, 2024
P-320-I	PLUMBING ROOF PLAN - AREA I	DECEMBER 09, 2024
P-321-J	PLUMBING ROOF PLAN - AREA J	DECEMBER 09, 2024
P-322	PLUMBING COMPOSITE FLOOR PLANS	DECEMBER 09, 2024
P-323	PLUMBING COMPOSITE FLOOR PLANS - FIRE SPRINKLER	DECEMBER 09, 2024
P-324	PLUMBING ENLARGED FLOOR PLANS	DECEMBER 09, 2024
P-401	PLUMBING DETAILS	DECEMBER 09, 2024
P-402	PLUMBING DETAILS	DECEMBER 09, 2024
P-501	PLUMBING LEGENDS AND SCHEDULES	DECEMBER 09, 2024
P-502	PLUMBING SCHEDULES	DECEMBER 09, 2024
TELECOM		
T-000	TECHNOLOGY NOTES AND LEGENDS	DECEMBER 09, 2024
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ARCHITECTURAL - INDEX OF DRAWINGS

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T-003-C	TECHNOLOGY DEMOLITION FLOOR PLAN -LEVEL 1 -AREA C	DECEMBER 09, 2024
T-004-D	TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA D	DECEMBER 09, 2024
T-006-F	TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F	DECEMBER 09, 2024
T-007-G	TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA G	DECEMBER 09, 2024
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T-201-A	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA A	DECEMBER 09, 2024
T-202-B	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA B	DECEMBER 09, 2024
T-203-C	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA C	DECEMBER 09, 2024
T-204-D	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA D	DECEMBER 09, 2024
T-205-E	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA E	DECEMBER 09, 2024
T-206-F	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA F	DECEMBER 09, 2024
T-207-G	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA G	DECEMBER 09, 2024
T-208-H	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA H	DECEMBER 09, 2024
T-209-I	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA I	DECEMBER 09, 2024
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T-219-H	TECHNOLOGY FLOOR PLAN - LEVEL 2 - AREA H	DECEMBER 09, 2024
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T-301	TECHNOLOGY ENLARGED FLOOR PLANS	DECEMBER 09, 2024
T-302	TECHNOLOGY ENLARGED FLOOR PLANS	DECEMBER 09, 2024
T-501	TECHNOLOGY DETAILS	DECEMBER 09, 2024
T-502	TECHNOLOGY DETAILS	DECEMBER 09, 2024
T-503	TECHNOLOGY DETAILS	DECEMBER 09, 2024
T-504	TECHNOLOGY DETAILS	DECEMBER 09, 2024
T-505	TECHNOLOGY DETAILS	DECEMBER 09, 2024
T-506	TECHNOLOGY DETAILS	DECEMBER 09, 2024
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AV-003	AV - SYSTEMS SCHEDULES	DECEMBER 09, 2024
AV-101	AV - OVERALL FLOOR PLAN	DECEMBER 09, 2024
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AV-101-G	AV - FLOOR PLAN - AREA G	DECEMBER 09, 2024
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AV-540	AV RACK DETAILS	DECEMBER 09, 2024
AV-541	AV RACKS DETAILS	DECEMBER 09, 2024
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AV-730	AV SCHEMATICS	DECEMBER 09, 2024
AV-731	AV SCHEMATICS	DECEMBER 09, 2024
AV-732	AV SCHEMATICS	DECEMBER 09, 2024
AV-733	AV SCHEMATICS	DECEMBER 09, 2024
AV-734	AV SCHEMATICS	DECEMBER 09, 2024
AVC-401-F	AV - REFLECTED CEILING PLAN - AREA F	DECEMBER 09, 2024
AVC-401-G	AV - REFLECTED CEILING PLAN - AREA G	DECEMBER 09, 2024
TE-000	THEATRICAL EQUIPMENT NOTES & LEGENDS	DECEMBER 09, 2024
TE-101-G	TE - FLOOR PLAN - AREA G	DECEMBER 09, 2024
TE-301-G	TE - SECTIONS - AREA G	DECEMBER 09, 2024
TEC-401-G	TE - REFLECTED CEILING PLAN - AREA G	DECEMBER 09, 2024
TEC-451-G	TE- ENLARGED REFLECTED CEILING PLAN - AREA G	DECEMBER 09, 2024
TL-000	GENERAL NOTES & LEGENDS	DECEMBER 09, 2024
TL-001	TL - SCHEDULES	DECEMBER 09, 2024
TL-002	TL - SCHEDULES	DECEMBER 09, 2024
TL-101-F	TL - FLOOR PLAN - AREA F	DECEMBER 09, 2024
TL-101-G	TL - FLOOR PLAN - AREA G	DECEMBER 09, 2024
TL-700-F	TL - SCHEMATIC - AREA F	DECEMBER 09, 2024
TL-701-G	TL - SCHEMATIC - AREA G	DECEMBER 09, 2024
TLC-401-G	TL - REFLECTED CEILING PLAN - AREA G	DECEMBER 09, 2024
TLC-451-G	TL- ENLARGED REFLECTED CEILING PLAN - AREA G	DECEMBER 09, 2024
Grand total: 441		

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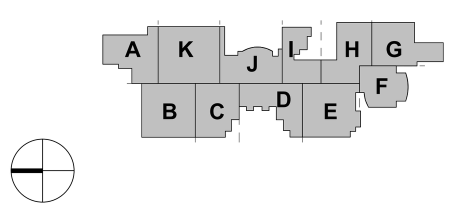
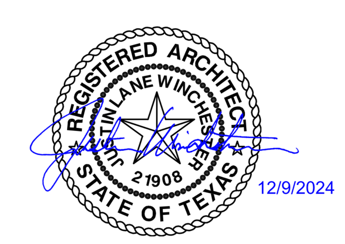
KEYPLAN



REVISION HISTORY

REVISION DESCRIPTION DATE

PROFESSIONAL SEALS



CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER
33AC23221

ABBREVIATION
CFISD

DRAWN BY
Author

CHECKED BY
Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
INDEX

SHEET NUMBER
G-002

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 2:12:30 PM

RULE:
WIDTH OF ACCESSIBLE ROUTE FOR 180 ° TURN AROUND AN OBSTRUCTION THAT IS < 48" IN WIDTH (X < 48")

EXCEPTION FOR 36" ROUTE:
WIDTH OF ACCESSIBLE ROUTE FOR 180 ° TURN AROUND AN OBSTRUCTION THAT IS < 48" IN WIDTH (X < 48")

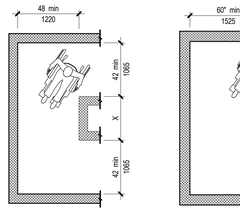


FIGURE 403.5.2
ACCESSIBLE ROUTE CLEAR WIDTH @ TURNS

REF. 304.3.1
WHEEL CHAIR TURNING SPACE

NOTE: DASHED LINES INDICATE MINIMUM LENGTH OF CLEAR SPACE REQUIRED ON EACH ARM OF THE T-SHAPED SPACE IN ORDER TO COMPLETE THE TURN.

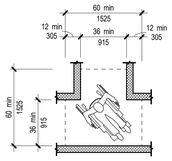


FIGURE 304.3.2
WHEELCHAIR TURNING SPACE

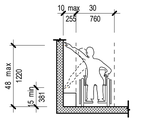


FIGURE 308.3.1
UNOBSTRUCTED SIDE REACH LIMIT

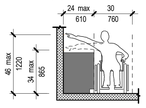


FIGURE 308.3.2
OBSTRUCTED SIDE REACH LIMIT

WHEN X > 15", Y = 60" MIN.
WHEN X < 15" Y = 48" MIN.

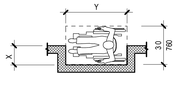


FIGURE 305.7.2
CLEARANCE IN ALCOVE, PARALLEL APPROACH

WHEN X > 24", Y = 36" MIN.
WHEN X < 24" Y = 30" MIN.

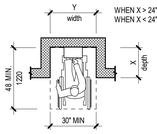
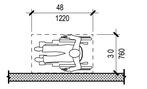
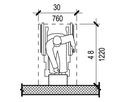


FIGURE 305.7.1
CLEARANCE IN ALCOVE, FORWARD APPROACH

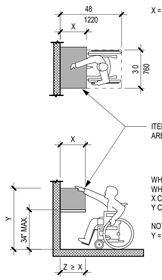




WHEELCHAIR APPROACHES

FIGURE 305.5
CLEAR FLOOR SPACE, PARALLEL APPROACH

FIGURE 305.5
CLEAR FLOOR/GROUND SPACE, FORWARD APPROACH



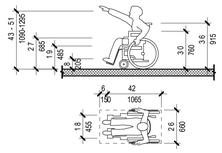
X = 25" MAX.

ITEM WITHIN SHADED AREAS ARE WITHIN REACH

WHEN X =< 20", Y= 48" MAX
WHEN X >20", Y = 44" MAX.
X CANNOT BE > 25"
Y CANNOT BE >

NOTE: X = REACH DEPTH
Y = REACH HEIGHT
Z = CLEAR KNEE SPACE.

FIGURE 308.2.2
FORWARD REACH OVER AN OBSTRUCTION



DIMENSIONS - ADULT SIZE WHEELCHAIR

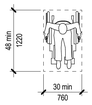


FIGURE 305.3
CLEAR FLOOR SPACE FOR WHEELCHAIRS

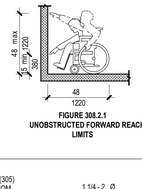
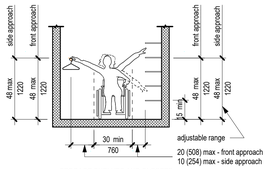
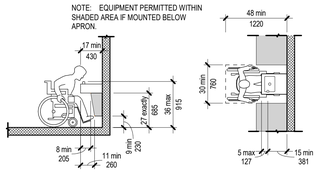


FIGURE 308.2.1
UNOBSTRUCTED FORWARD REACH LIMITS



STORAGE SHELVES AND CLOSETS
REF. 305 - CLEAR FLOOR/GROUND SPACE
REF. 308 - REACH RANGES

NOTE: EQUIPMENT PERMITTED WITHIN SHADED AREA IF MOUNTED BELOW APRON.



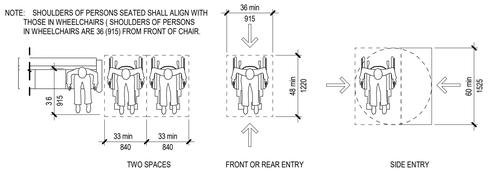
SPOUT HGT. AND LEG CLEARANCE

CLEAR FLOOR / GROUND SPACE SPOUT LOCATION

FIGURE 602.5
CANTILEVERED DRINKING FOUNTAINS AND WATER COOLERS (LOW)
REF. 305 - 309

NOTE: HIGH FOUNTAINS FOR STANDING PERSONS SHALL BE 38 (965) MIN. AND 43 (1090) MAX. AFF. HIGH FOUNTAINS SHALL PROVIDE CANE DETECTION (OR BE LOCATED IN ALCOVE SO AS NOT TO PROTRUDE INTO WALKWAY)

NOTE: SHOULDERS OF PERSONS SEATED SHALL ALIGN WITH THOSE IN WHEELCHAIRS (SHOULDERS OF PERSONS IN WHEELCHAIRS ARE 36 (915) FROM FRONT OF CHAIR.



TWO SPACES

FRONT OR REAR ENTRY

SIDE ENTRY

FIGURES 802.1.3 / 802.1.2 / 803.3.1
WIDTH, DEPTH, ALIGNMENT OF WHEELCHAIR SPACES AND COMPANION SEATING IN ASSEMBLY AREAS

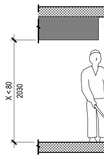


FIG. 307.2
LIMITS OF PROTRUDING OBJECTS

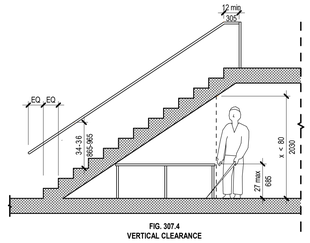


FIG. 307.4
VERTICAL CLEARANCE

NOTE: 505.10.1 - RAMP HANDRAILS EXTEND 12 min (305) BEYOND RAMP RUN BOTH TOP & BOTTOM.
505.10.2 - TOP EXT. - HOR. 12 MIN. DIRECTLY ABOVE 1ST RISER NOSING.
505.10.3 BOTTOM EXT. - EXTENDS AT SLOPE OF THE STAIR FLIGHT FOR A HOR. DISTANCE AT LEAST EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING.

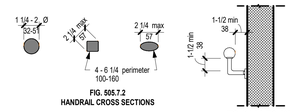
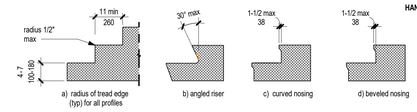


FIG. 505.7.2
HANDRAIL CROSS SECTIONS

FIG. 505.5 & FIG. 505.6
HANDRAIL CLEARANCE GRIPPING SURFACE & SUPPORTS



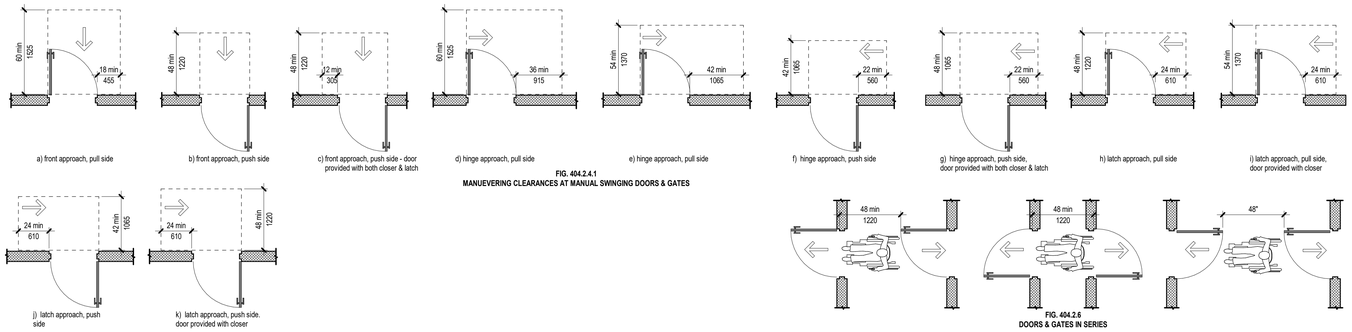
a) radius of tread edge (typ) for all profiles

b) angled riser

c) curved nosing

d) beveled nosing

FIG. 504.5 STAIR NOSINGS



a) front approach, pull side

b) front approach, push side

c) front approach, push side - door provided with both closer & latch

d) hinge approach, pull side

e) hinge approach, pull side

f) hinge approach, push side

g) hinge approach, push side, door provided with both closer & latch

h) latch approach, pull side

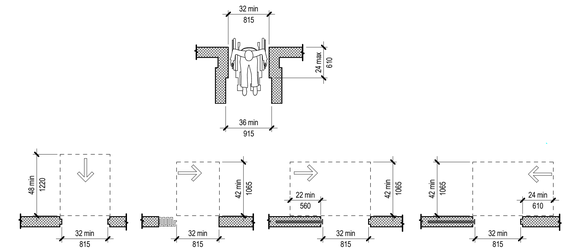
i) latch approach, pull side, door provided with closer

j) latch approach, push side

k) latch approach, push side, door provided with closer

FIG. 404.2.4.1
MANUEVERING CLEARANCES AT MANUAL SWINGING DOORS & GATES

FIG. 404.2.6
DOORS & GATES IN SERIES



a) front approach

b) side approach

c) pocket or hinge approach

d) stop or latch approach

FIG. 404.2.4.2 & FIG.404.2.3
MANUEVERING CLEARANCES AT SLIDING DOORS, GATES, FOLDING DOORS AND OPENINGS WITHOUT DOORS

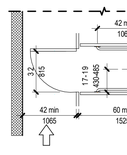


FIGURE 604.2 & 604.8.2
AMBULATORY ACCESSIBLE STALL

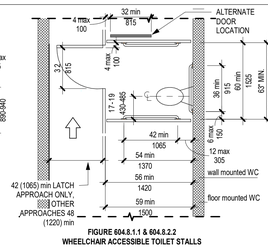
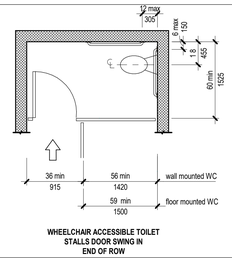


FIGURE 604.8.1.1 & 604.8.2.2
WHEELCHAIR ACCESSIBLE TOILET STALLS



WHEELCHAIR ACCESSIBLE TOILET STALLS DOOR SWING IN END OF ROW

* DISPENSER OUTLET MUST BE > 1.5 (38) BELOW GRAB BAR OR > 12" ABOVE GRAB BAR. REF 604.7 & 609.3

* FLUSH CONTROLS - REF: 604.6, 305, 309

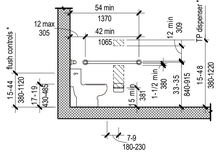


FIGURE 604.4 - 604.7 & 609
WATER CLOSET SIDE VIEW

NOTE: 24" GRAB BAR PERMITTED, CENTERED ON WC, WHERE SPACE DOES NOT ALLOW DUE TO LOCATION OF A RECESSED FIXTURE ADJ. TO WC.

* WHERE SPACE PERMITS, EXTEND GRAB BAR ON TRANSER SIDE.

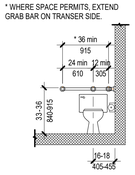


FIGURE 604.5.2
WATER CLOSET FRONT VIEW

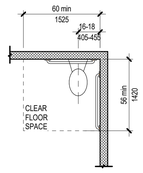


FIGURE 604.3.1
WC - CLEAR FLOOR SPACE

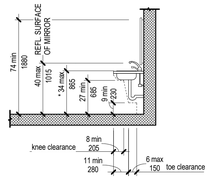
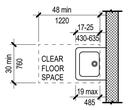
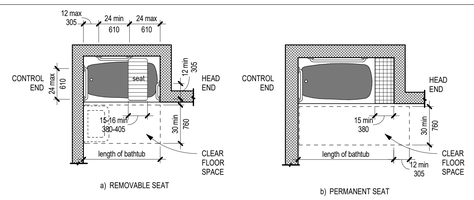


FIGURE 606.3
LAVATORY CLEARANCE



REF: 606.2, 305,306
LAVATORIES AND SINKS
CLEAR FLOOR SPACE



a) REMOVABLE SEAT

b) PERMANENT SEAT

FIG. 607.2
CLEARANCE FOR BATHTUBS

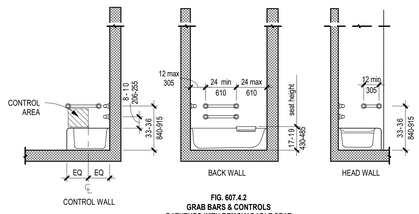


FIG. 607.4.2
GRAB BARS & CONTROLS
BATHTUBS WITH REMOVABABLE SEAT

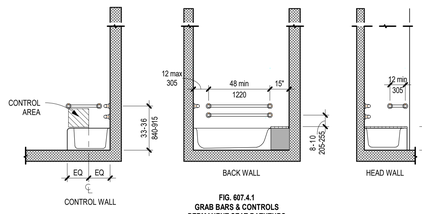


FIG. 607.4.1
GRAB BARS & CONTROLS
PERMANENT SEAT BATHTUBS

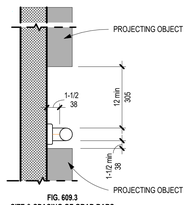


FIG. 609.3
SIZE & SPACING OF GRAB BARS

FIG. 608.2.1 & 608.3.1
TRANSFER TYPE SHOWER COMPARTMENT

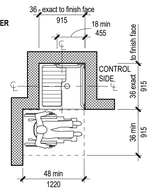


FIG. 608.5.1
TRANSFER TYPE SHOWER COMPARTMENT CONTROLS

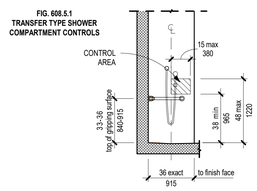
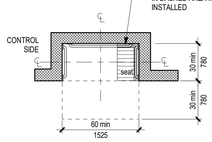


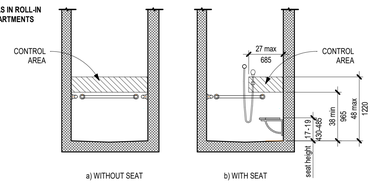
FIG. 608.2.2
ROLL-IN TYPE SHOWER COMPARTMENT

GRAB BAR IS NOT PROVIDED IN DASHED AREA IF SEAT IS INSTALLED



NOTE: IN ROLL-IN TYPE SHOWERS WITHOUT SEAT, SHOWER HEAD AND OPERABLE PARTS MAY BE LOCATED ON ANY WALL.

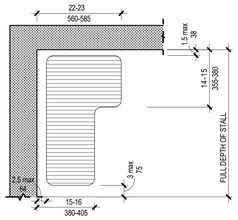
FIG. 608.5.2
GRAB BARS & CONTROLS IN ROLL-IN TYPE SHOWER COMPARTMENTS



a) WITHOUT SEAT

b) WITH SEAT

FIG. 610.3
SHOWER SEAT DESIGN



ACCESSIBILITY NOTES

ALL CONSTRUCTION SHALL COMPLY WITH 2012 TEXAS ACCESSIBILITY STANDARDS (TAS). CONTRACTOR SHALL OBTAIN A COPY OF THE CURRENT TAS FOR REFERENCE AND KEEP IT ON SITE DURING THE PROJECT. CONTRACTOR SHALL NOTIFY ARCHITECT WHEN THEY ENCOUNTER CONDITIONS WHICH DO NOT COMPLY WITH THESE STANDARDS.

1. SELECTED TAS REQUIREMENTS FOR WHICH THE CONTRACTOR SHALL BECOME PARTICULARLY FAMILIAR ARE THE FOLLOWING.

A. AT LEAST ONE ACCESSIBLE ENTRANCE AND ROUTE SHALL COMPLY WITH 206, 401, 402, AND 403.
B. OBJECTS THAT OVERHANG OR PROTRUDE INTO CIRCULATION PATH SHALL COMPLY WITH 204 AND 307.
C. ALL FLOOR SURFACES SHALL COMPLY WITH 302.
D. IN BUILDINGS AND FACILITIES, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT, OR SHALL BE CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS, OR SPECIAL ACCESS LIFTS IN COMPLIANCE WITH 405, 407, 408, AND 410.
E. PUBLIC TELEPHONES SHALL COMPLY WITH 217 AND 704.
F. TOILET FACILITIES SHALL BE LOCATED ON AN ACCESSIBLE ROUTE OF A BUILDING AND SHALL BE ACCESSIBLE AND COMPLY WITH 213 AND APPLICABLE SECTIONS OF CHAPTER 6.
G. DRINKING FOUNTAINS SHALL COMPLY WITH 211 AND 602.
H. PERMANENT SIGNAGE SHALL COMPLY WITH 216 AND 703.

2. ALL DOORS SHALL HAVE LEVER TYPE HARDWARE TO MEET ADA/TAS REQUIREMENTS.

3. FOR DOORS WITH CLOSERS, THE MAXIMUM OPERATING FORCE FOR PUSHING OR PULLING THE DOOR AND THE SWEEP PERIOD SHALL COMPLY WITH THE MOST STRINGENT REQUIREMENTS OF THE APPROPRIATE ACCESSIBILITY CODE.

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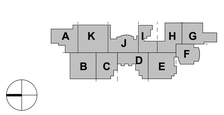
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINGATE
21908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

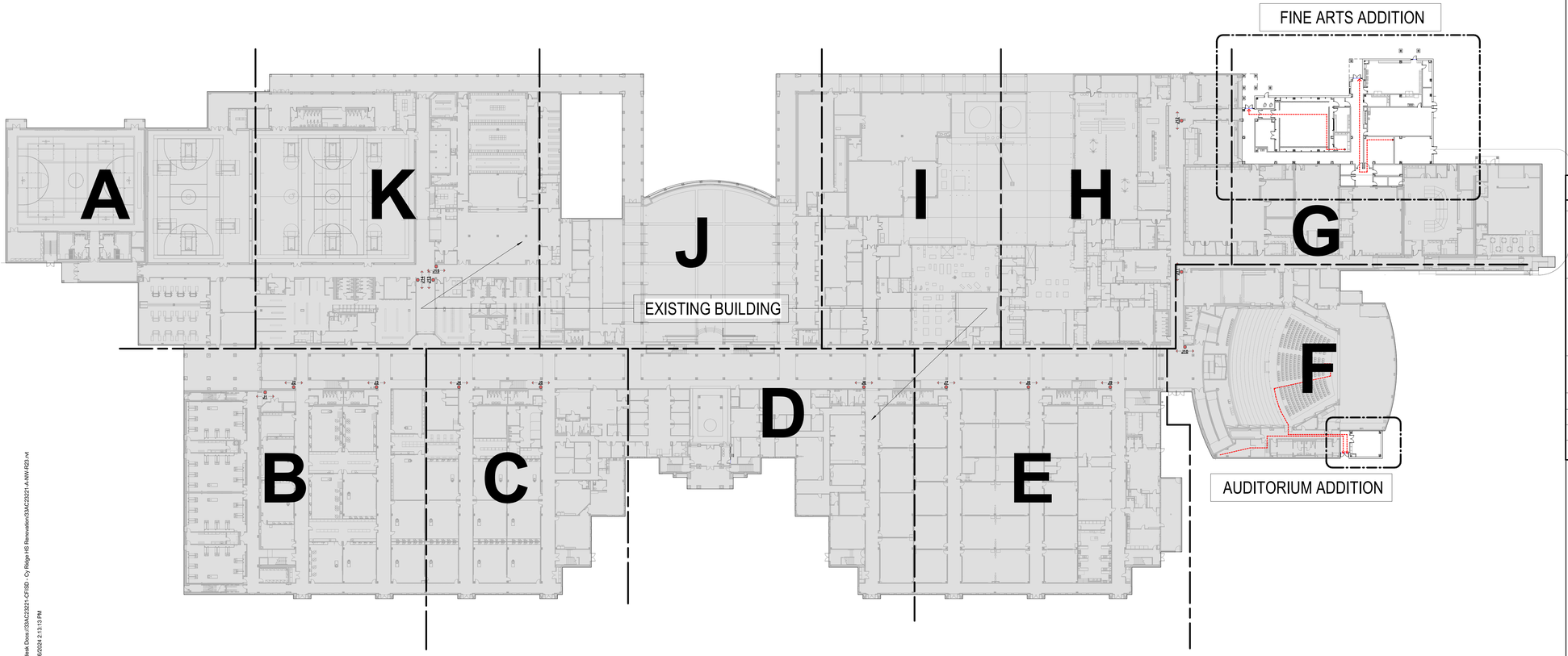
GENERAL - GUIDELINES FOR COMPLIANCE WITH TEXAS ACCESSIBILLITY STANDARDS

SHEET NUMBER

G-003

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 2:12:35 PM

2 **ARCHITECTURAL - OVERALL LIFE SAFETY PLAN - LEVEL 02**
SCALE: 1" = 40'-0"



1 **ARCHITECTURAL - OVERALL LIFE SAFETY PLAN - LEVEL 01**
SCALE: 1" = 40'-0"

INFORMATION PROVIDED FOR CODE COMPLIANCE EVALUATION; NOT TO BE USED FOR BIDDING PURPOSES.

1) PROJECT IDENTIFICATION
A) OWNER: CYPRESS-FAIRBANKS I.S.D.
B) PROJECT NAME: CY RIDGE HIGH SCHOOL RENOVATION
C) PHYSICAL ADDRESS: 7900 ELDRIDGE PKWY, HOUSTON, TX 77041
D) HARRIS COUNTY

2) APPLICABLE CODES
A) INTERNATIONAL BUILDING CODE (IBC) 2018
B) INTERNATIONAL PLUMBING CODE 2018
C) INTERNATIONAL MECHANICAL CODE 2018
D) NATIONAL ELECTRICAL CODE (NEC) 2020
E) INTERNATIONAL FIRE CODE 2018
F) ELIMINATION OF ARCHITECTURAL BARRIERS ACT; TEXAS DEPT. OF LICENSING AND REGULATION
G) INTERNATIONAL ENERGY CONSERVATION CODE 2018
H) INTERNATIONAL EXISTING BUILDING CODE 2018
J) LOCAL AMENDMENTS

3) OCCUPANCY CLASSIFICATION
A) OCCUPANCY: GROUP E & S-1
B) SEPARATED USES: NONE
C) INCIDENTAL USE AREAS: RATED PER TABLE 509

4) TYPE OF CONSTRUCTION / FIRE-RESISTIVE REQUIREMENTS
A) CONSTRUCTION TYPE: I-B (ADDITIONS), II-B (ATHLETIC STORAGE)

5) FIRE-PROTECTION SYSTEMS
A) AUTOMATIC SPRINKLER SYSTEM: YES (HS ADD), NO (ATH. STOR)
B) PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED PER INTERNATIONAL FIRE CODE
C) FIRE ALARM PROVIDED: YES (HS ADD), NO (ATH. STOR)
D) EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM PROVIDED: YES (HS ADD), NO (ATH. STOR)

6) EXIT REQUIREMENTS
A) TRAVEL DISTANCES
1) ALLOWED, SPRINKLERED BUILDING:
TO EXIT FROM WITHIN A SPACE FOR OCCUPANCY LOAD GREATER THAN 50 =
250 FT. (HS ADD), 200 FT. (ATH. STOR)
TO EXIT FROM WITHIN BUILDING =
250 FT. (HS ADD), 200 FT. (ATH. STOR)
COMMON PATH OF EGRESS TRAVEL =
75 FT. (HS ADD), 100 FT. (ATH. STOR)
2) ACTUAL -REFER TO PLAN FOR PATHS & DISTANCE

9) BUILDING AREAS
A) EXISTING HS: 503,532 SF
B) ADDITIONS: 12,521 SF

1. FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS SHALL BE LABELED NOT LESS THAN 30'-0" O.C. HORIZONTALLY IN ACCESSIBLE, CONCEALED FLOOR, FLOOR/CEILING OR ATTIC SPACES. LABELING SHALL CONSIST OF 3" HIGH RED STENCILED LETTERING STATING, "FIRE AND/OR SMOKE BARRIER -PROTECT ALL OPENINGS."

1) THIS CODE ANALYSIS PLAN IS PROVIDED AS A TOOL FOR VIEWING THE OVERALL CODE COMPLIANCE FOR THE ENTIRE FACILITY. WHILE STATED U.L. RATINGS REQUIRED THROUGH WALLS MUST BE MET, ALL CONTRACTORS MUST CONSTRUCT THIS FACILITY FROM THE MATERIALS AND IN THE DIMENSIONS DESCRIBED IN THE CONSTRUCTION DOCUMENTS. ANY APPARENT CONFLICT SHALL BE RESOLVED WITH THE ARCHITECT.
2) FIRE RATED WALLS NOT DESIGNED TO EXTEND ABOVE ROOF LEVEL SHALL EXTEND TO THE ROOF DECK WITH U.L. APPROVED CLOSURE TO THE DECK U.N.O.
3) ALL PENETRATIONS OF FIRE RATED WALLS SHALL BE CLOSED WITH CODE APPROVED METHODS AND MATERIALS TO MAINTAIN THE SPECIFIED RATING, INCLUDING FIRE TREATED BLOCKING / PLYWD.
4) REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS FOR FIRE AND SMOKE DAMPERS.
5) REFER TO G3 SHEETS FOR TYP WALL CONSTRUCTION DETAILS.
6) SQUARE FOOT (SF) AREAS INDICATED ARE FOR CODE ANALYSIS ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING AREAS FOR CONSTRUCTION PURPOSES.
COUNTY: HARRIS COUNTY
CLIMATE ZONE: 2A
THE I.E.C.C. ESTABLISHES THE REQUIREMENTS FOR INSULATING THE BUILDING. THE MINIMUM REQUIREMENTS THAT ARE ACCEPTABLE (FOR STANDARD OCCUPIED BUILDINGS) ARE: ROOF= R-25c, MASS WALLS= R-5.7c, MTL FRAMED= R-13 + 5c), METAL BUILDINGS= R-13 + R-6.5ci
ENERGY CODE R VALUES

TABLE 601

BUILDING ELEMENT	TYPE I B	TYPE II B
PRIMARY STRUCTURAL FRAME	2*	0
BEARING WALLS		
EXTERIOR	2	0
INTERIOR	2*	0
NON-BEARING WALLS & PARTITIONS (EXTERIOR)	1**	0
NON-BEARING WALLS & PARTITIONS (INTERIOR)	0	0
FLOOR CONSTRUCTION	2	0
ROOF CONSTRUCTION & SECONDARY MEMBERS	1***	0

* FIRE RESISTANCE RATINGS OF PRIMARY STRUCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCED BY 1 HOUR WHERE SUPPORTING A ROOF ONLY.
** FIRE RATING REQUIRED WHERE FIRE SEPARATION DISTANCE IS LESS THAN 30 FT.
*** ROOF CONSTRUCTION SHALL BE FIRE RATED IF ANY PART OF THE ROOF IS WITHIN 20' OF NEAREST FLOOR LEVEL.

LIFE SAFETY PLAN LEGEND

SYMBOL	DESCRIPTION
	1-HOUR FIRE BARRIER WALLS SHALL MEET ALL CODE REQUIREMENTS FOR RATED CONSTRUCTION. WINDOW ASSEMBLIES SHALL COMPLY WITH IBC AND BE U.L. LABELED. DOORS SHALL HAVE CLOSERS, BE U.L. LABELED AND RATED AS SCHEDULED.
OCCUPANCY TAG: 200/OLF; AB (USE); 5,000 SF; 60 RU O/L/C	OCCUPANT LOAD FACTOR PER GROSS SQUARE FEET / NET SQUARE FEET USE GROUP CODE (SEE LEGEND) GROSS SQUARE FEET / NET SQUARE FEET OCCUPANT LOAD CALCULATED
100'	PATH OF TRAVEL & DISTANCE
	EXIT LIGHT
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER

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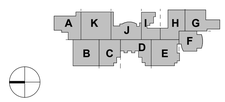

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT — WILLIAM LANE WINCHESTER — 12909 — STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
GENERAL- OVERALL LIFE SAFETY PLAN - LEVEL 01 & 02

SHEET NUMBER
GL-100

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 2:13:13 PM

USE GROUP CODE LEGEND

CODE	DESCRIPTION
AS	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM
AB	AGRICULTURAL BUILDING
AH	AIRCRAFT HANGERS
AT	AIRPORT BAGGAGE CLAIM
ABH	AIRPORT BAGGAGE HANDLING
AC	AIRPORT CONCOURSE
AWA	AIRPORT WAITING AREAS
AE	ASSEMBLY EXHIBIT GALLERY AND MUSEUM
AG	ASSEMBLY GAMING FLOORS (KENO, SLOTS, ETC.)
AFS	ASSEMBLY WITH FIXED SEATS
AOC	ASSEMBLY WITHOUT FIXED SEATS-CONCENTRATED (CHAIRS ONLY—NOT FIXED)
AOS	ASSEMBLY WITHOUT FIXED SEATS-STANDING SPACE
AOU	ASSEMBLY WITHOUT FIXED SEATS-UNCONCENTRATED (TABLES AND CHAIRS)
BC	BOWLING CENTERS
BA	BUSINESS AREAS
CO	COURTROOMS OTHER THAN FIXED SEATING
DC	DAY CARE
D	DORMITORIES
EC	EDUCATIONAL CLASSROOM AREA
ES	EDUCATIONAL SHOPS AND OTHER VOCATIONAL ROOM AREAS
ER	EXERCISE ROOMS
FM	H-5 FABRICATION AND MANUFACTURING AREAS
IPA	INSTITUTIONAL - INPATIENT TREATMENT AREAS
OPA	INSTITUTIONAL - OUTPATIENT AREAS
SA	INSTITUTIONAL - SLEEPING AREAS
KC	KITCHENS, COMMERCIAL
RR	LIBRARY - READING ROOMS
SA	LIBRARY - STACK AREA
LR	LOCKER ROOMS
ML	MALL BUILDINGS-COVERED AND OPEN
MR	MERCANTILE
MS	MERCANTILE - STORAGE, STOCK, SHIPPING AREAS
PG	PARKING GARAGES
R	RESIDENTIAL
RD	SKATING RINKS, SWIMMING POOLS - DECKS
RRP	SKATING RINKS, SWIMMING POOLS - RINK AND POOL
SP	STAGES AND PLATFORMS
WH	WAREHOUSES

EGRESS FACTORS LEGEND

1. 3'-0" DOOR (32" CLEAR) AT 0.15"/OCCUPANT = 213 OCCUPANTS (SPRINKLERED)
2. PAIR 3'-0" DOOR (68" CLEAR) AT 0.15"/OCCUPANT = 453 OCCUPANTS (SPRINKLERED)
3. 4'-0" DOOR (44" CLEAR) AT 0.15"/OCCUPANT = 293 OCCUPANTS (SPRINKLERED)

USE GROUP LEGEND

- AS
- BA
- ES

02 ARCHITECTURAL - LIFE SAFETY PLAN - LEVEL 01 - AREA F
SCALE: 3/32" = 1'-0"

01 ARCHITECTURAL - LIFE SAFETY PLAN - LEVEL 01 - AREA G/F
SCALE: 3/32" = 1'-0"

INFORMATION PROVIDED FOR CODE COMPLIANCE EVALUATION; NOT TO BE USED FOR BIDDING PURPOSES.

1) PROJECT IDENTIFICATION
A) OWNER: CYPRESS-FAIRBANKS I.S.D.
B) PROJECT NAME: CY RIDGE HIGH SCHOOL RENOVATION
C) PHYSICAL ADDRESS: 7900 ELDRIDGE PKWY, HOUSTON, TX 77041
D) HARRIS COUNTY

2) APPLICABLE CODES
A) INTERNATIONAL BUILDING CODE (IBC) 2018
B) INTERNATIONAL PLUMBING CODE 2018
C) INTERNATIONAL MECHANICAL CODE 2018
D) NATIONAL ELECTRICAL CODE (NEC) 2020
E) INTERNATIONAL FIRE CODE 2018
F) ELIMINATION OF ARCHITECTURAL BARRIERS ACT; TEXAS DEPT. OF LICENSING AND REGULATION
G) INTERNATIONAL ENERGY CONSERVATION CODE 2018
H) INTERNATIONAL EXISTING BUILDING CODE 2018
J) LOCAL AMENDMENTS

3) OCCUPANCY CLASSIFICATION
A) OCCUPANCY: GROUP E & S-1
B) SEPARATED USES: NONE
C) INCIDENTAL USE AREAS: RATED PER TABLE 509

4) TYPE OF CONSTRUCTION / FIRE-RESISTIVE REQUIREMENTS
A) CONSTRUCTION TYPE: I-B (ADDITIONS), II-B (ATHLETIC STORAGE)

5) FIRE-PROTECTION SYSTEMS
A) AUTOMATIC SPRINKLER SYSTEM: YES (HS ADD), NO (ATH. STOR)
B) PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED PER INTERNATIONAL FIRE CODE
C) FIRE ALARM PROVIDED: YES (HS ADD), NO (ATH. STOR)
D) EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM PROVIDED: YES (HS ADD), NO (ATH. STOR)

6) EXIT REQUIREMENTS
A) TRAVEL DISTANCES
1) ALLOWED: SPRINKLERED BUILDING:
TO EXIT FROM WITHIN A SPACE FOR OCCUPANCY LOAD GREATER THAN 50 =
250 FT. (HS ADD), 200 FT. (ATH. STOR)
TO EXIT FROM WITHIN BUILDING =
250 FT. (HS ADD), 200 FT. (ATH. STOR)
COMMON PATH OF EGRESS TRAVEL =
75 FT. (HS ADD), 100 FT. (ATH. STOR)
2) ACTUAL -REFER TO PLAN FOR PATHS & DISTANCE

9) BUILDING AREAS
A) EXISTING HS: 503,532 SF
B) ADDITIONS: 12,378 SF

1. FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS SHALL BE LABELED NOT LESS THAN 30'-0" O.C. HORIZONTALLY IN ACCESSIBLE, CONCEALED FLOOR, FLOOR/CEILING OR ATTIC SPACES.
LABELING SHALL CONSIST OF 3" HIGH RED STENCILED LETTERING STATING, "FIRE AND/OR SMOKE BARRIER -PROTECT ALL OPENINGS."

1) THIS CODE ANALYSIS PLAN IS PROVIDED AS A TOOL FOR VIEWING THE OVERALL CODE COMPLIANCE FOR THE ENTIRE FACILITY. WHILE STATED U.L. RATINGS REQUIRED THROUGH WALLS MUST BE MET, ALL CONTRACTORS MUST CONSTRUCT THIS FACILITY FROM THE MATERIALS AND IN THE DIMENSIONS DESCRIBED IN THE CONSTRUCTION DOCUMENTS. ANY APPARENT CONFLICT SHALL BE RESOLVED WITH THE ARCHITECT.
2) FIRE RATED WALLS NOT DESIGNED TO EXTEND ABOVE ROOF LEVEL SHALL EXTEND TO THE ROOF DECK WITH U.L. APPROVED CLOSURE TO THE DECK U.N.O.
3) ALL PENETRATIONS OF FIRE RATED WALLS SHALL BE CLOSED WITH CODE APPROVED METHODS AND MATERIALS TO MAINTAIN THE SPECIFIED RATING, INCLUDING FIRE TREATED BLOCKING / PLYWD.
4) REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS FOR FIRE AND SMOKE DAMPERS.
5) REFER TO G3 SHEETS FOR TYP WALL CONSTRUCTION DETAILS.
6) SQUARE FOOT (SF) AREAS INDICATED ARE FOR CODE ANALYSIS ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING AREAS FOR CONSTRUCTION PURPOSES.

COUNTY: HARRIS COUNTY
CLIMATE ZONE: 2A
THE I.E.C.C. ESTABLISHES THE REQUIREMENTS FOR INSULATING THE BUILDING. THE MINIMUM REQUIREMENTS THAT ARE ACCEPTABLE (FOR STANDARD OCCUPIED BUILDINGS) ARE: ROOF= R-25ci, MASS WALLS= R-5.7ci, MTL FRAMED= R-13 + 5ci, METAL BUILDINGS= R-13 + R-6.5ci
ENERGY CODE R VALUES

TABLE 601 BUILDING ELEMENT	TYPE I	TYPE II
PRIMARY STRUCTURAL FRAME	B	B
BEARING WALLS		
EXTERIOR	2*	0
INTERIOR	2*	0
NON-BEARING WALLS & PARTITIONS (EXTERIOR)	1**	0
NON-BEARING WALLS & PARTITIONS (INTERIOR)	0	0
FLOOR CONSTRUCTION	2	0
ROOF CONSTRUCTION & SECONDARY MEMBERS	1***	0

* FIRE RESISTANCE RATINGS OF PRIMARY STRUCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCED BY 1 HOUR WHERE SUPPORTING A ROOF ONLY.
** FIRE RATING REQUIRED WHERE FIRE SEPARATION DISTANCE IS LESS THAN 30 FT.
*** ROOF CONSTRUCTION SHALL BE FIRE RATED IF ANY PART OF THE ROOF IS WITHIN 20' OF NEAREST FLOOR LEVEL.

LIFE SAFETY PLAN LEGEND

SYMBOL	DESCRIPTION
	1-HOUR FIRE BARRIER WALLS SHALL MEET ALL CODE REQUIREMENTS FOR RATED CONSTRUCTION. WINDOW ASSEMBLIES SHALL COMPLY WITH IBC AND BE U.L. LABELED. DOORS SHALL HAVE CLOSERS, BE U.L. LABELED AND RATED AS SCHEDULED.
OCCUPANCY TAG: 200/OLF; AB; 5,000; 60 RU	OCCUPANT LOAD FACTOR PER GROSS SQUARE FEET / NET SQUARE FEET USE GROUP CODE (SEE LEGEND) GROSS SQUARE FEET / NET SQUARE FEET OCCUPANT LOAD CALCULATED
100'	PATH OF TRAVEL & DISTANCE
	EXIT LIGHT
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER

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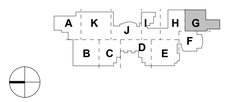
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
GENERAL - LIFE SAFETY PLAN - LEVEL 01

SHEET NUMBER
GL-101

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 2:13:23 PM

FIRE PROOFING GENERAL NOTES

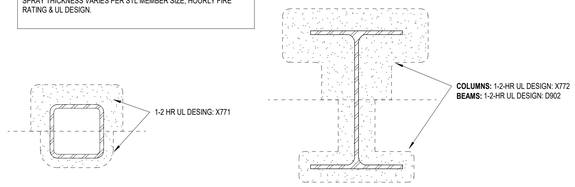
1. ALL COLUMNS AND OTHER PRIMARY STRUCTURAL MEMBERS THROUGHOUT THE BUILDING SHALL BE PROTECTED- AS INDICATED ABOVE.
2. ALL ROOF ASSEMBLIES (INCLUDING DECK AND OTHER SECONDARY MEMBERS) SHALL BE PROTECTED WITH FIREPROOFING AS INDICATED ABOVE.
3. CONTRACTOR HAS OPTION TO SUBMIT ALTERNATIVE UL ASSEMBLIES FOR REVIEW BY ARCHITECT.

FIRE PROOFING LEGEND

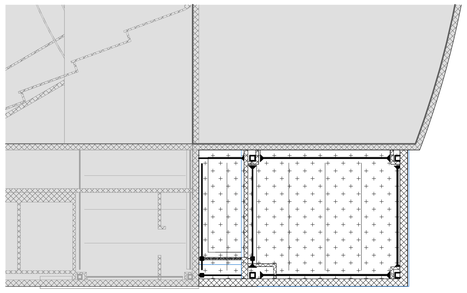
SYMBOL	DESCRIPTION
	1-HR SPRAY FIREPROOF PRIMARY STRUCTURAL FRAMING AND ROOF CONSTRUCTION (FRAMING AND DECK) WITH UL-COMPLIANT SPRAY-APPLIED FIREPROOFING.

NOTE:

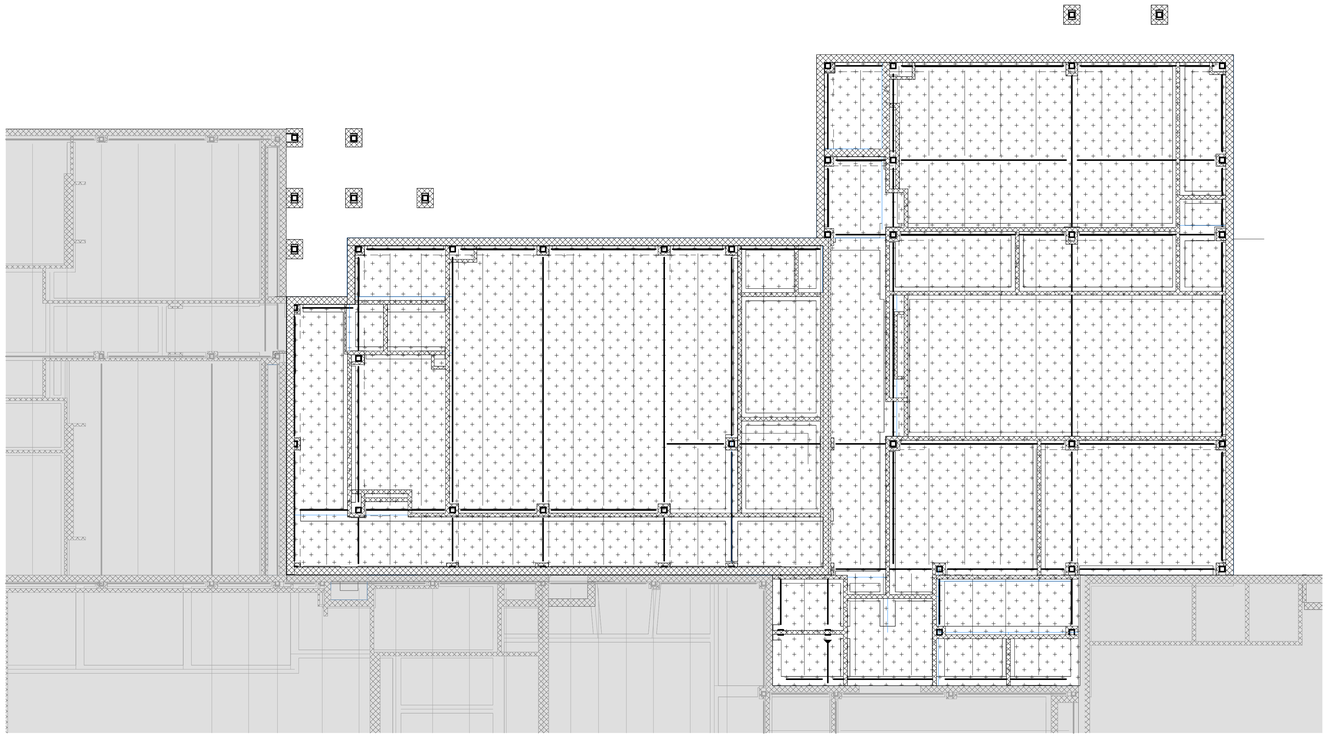
SPRAY THICKNESS VARIES PER STL MEMBER SIZE, HOURLY FIRE RATING & UL DESIGN.



3 **TYP COL & BEAM - SPRAY-APPLIED FIRE PROOFING**
SCALE: 1 1/2" = 1'-0"



2 **ARCHITECTURAL - FIRE PROTECTION - AREA F**
SCALE: 1" = 10'-0"



1 **FIRE PROOFING PLAN - AREA G**
SCALE: 1" = 10'-0"

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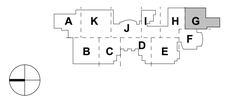

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM E. WINGLER
2 7908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

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33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
GENERAL - FIRE PROOFING PLAN

SHEET NUMBER
GL-102

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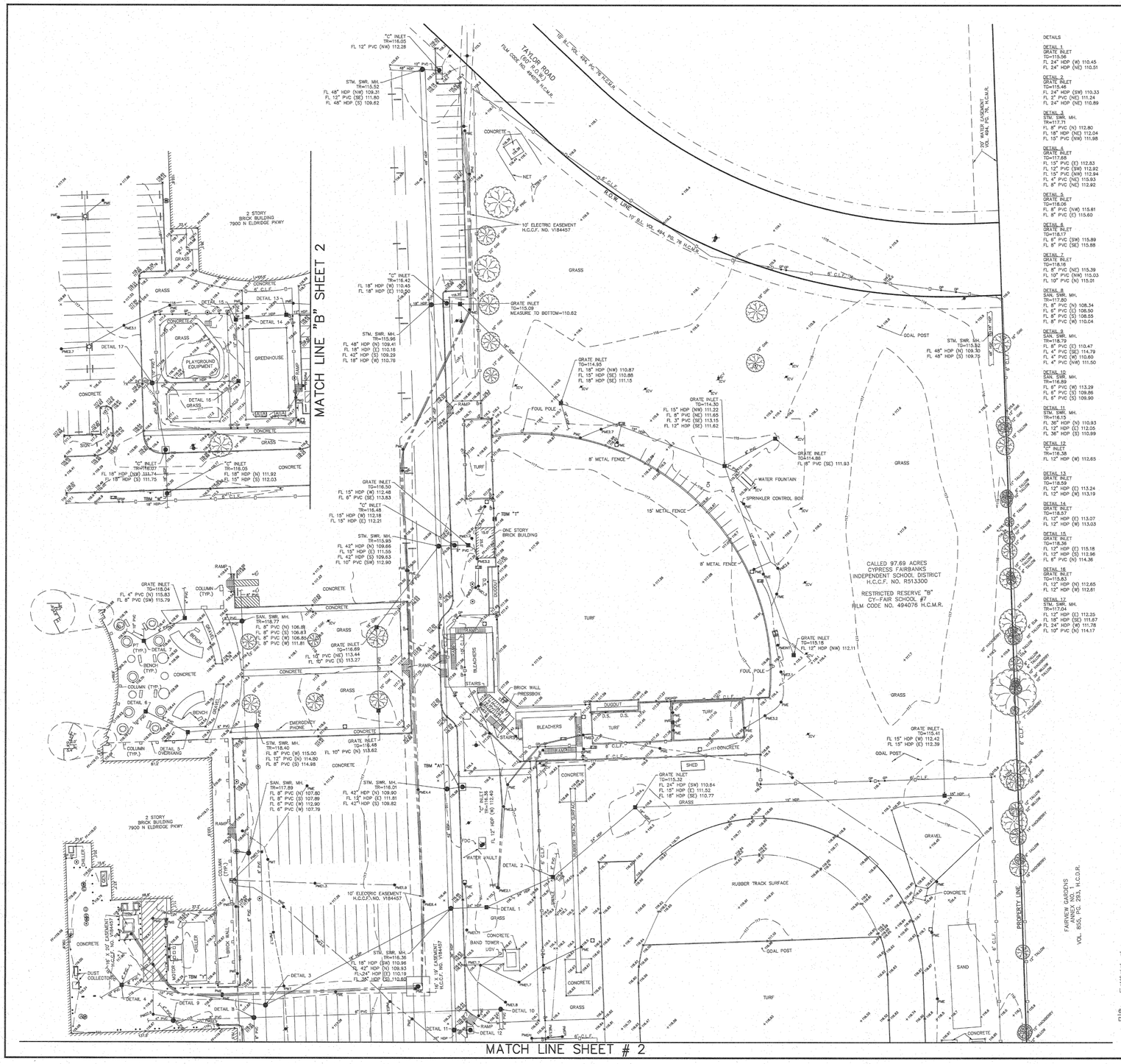

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05 Dec 2024 10:50AM Gregl
F:\project\BROOK_SP\Page Southerland Page\722-0015 Cy-Ridge HS Renovations\Civil\SV.01 TOPO SURVEY.dwg
Includes Xref(s): XTB.dwg; X-Seal.dwg

DETAILS

DETAIL 1
GRATE INLET
TG=115.56
FL 24" HDP (W) 110.45
FL 24" HDP (NE) 110.51

DETAIL 2
GRATE INLET
TG=115.46
FL 24" HDP (SW) 110.33
FL 2" PVC (NE) 111.24
FL 24" HDP (NE) 110.89

DETAIL 3
STM. SWR. MH.
TR=117.71
FL 8" PVC (N) 112.80
FL 18" HDP (NE) 112.04
FL 15" PVC (NW) 111.98

DETAIL 4
GRATE INLET
TG=117.68
FL 15" PVC (E) 112.83
FL 12" PVC (SW) 112.92
FL 15" PVC (NW) 112.84
FL 4" PVC (NE) 115.93
FL 8" PVC (NE) 112.92

DETAIL 5
GRATE INLET
TG=118.06
FL 8" PVC (NW) 115.61
FL 8" PVC (E) 115.60

DETAIL 6
GRATE INLET
TG=118.17
FL 8" PVC (SW) 115.89
FL 8" PVC (SE) 115.88

DETAIL 7
GRATE INLET
TG=118.16
FL 8" PVC (NE) 115.39
FL 10" PVC (NW) 115.03
FL 10" PVC (N) 115.01

DETAIL 8
SAN. SWR. MH.
TR=117.80
FL 8" PVC (N) 108.34
FL 6" PVC (E) 108.50
FL 8" PVC (S) 108.55
FL 8" PVC (W) 110.04

DETAIL 9
SAN. SWR. MH.
TR=118.79
FL 8" PVC (S) 110.47
FL 4" PVC (SE) 114.79
FL 4" PVC (W) 110.60
FL 4" PVC (NW) 111.50

DETAIL 10
STM. SWR. MH.
TR=116.89
FL 6" PVC (W) 113.29
FL 6" PVC (S) 109.86
FL 6" PVC (S) 109.90

DETAIL 11
STM. SWR. MH.
TR=116.13
FL 36" HDP (N) 110.93
FL 12" HDP (E) 112.05
FL 36" HDP (S) 110.89

DETAIL 12
GRATE INLET
TR=116.38
FL 12" HDP (W) 112.65

DETAIL 13
GRATE INLET
TG=118.59
FL 12" HDP (E) 113.24
FL 12" HDP (W) 113.19

DETAIL 14
GRATE INLET
TG=118.57
FL 12" HDP (E) 113.07
FL 12" HDP (W) 113.03

DETAIL 15
GRATE INLET
TG=118.36
FL 12" HDP (E) 115.18
FL 12" HDP (S) 112.36
FL 6" PVC (N) 114.36

DETAIL 16
GRATE INLET
TG=115.8
FL 12" HDP (N) 112.65
FL 12" HDP (W) 112.61

DETAIL 17
STM. SWR. MH.
TR=117.64
FL 12" HDP (E) 112.25
FL 18" HDP (SE) 111.87
FL 24" HDP (W) 111.78
FL 10" PVC (N) 114.17

VICINITY MAP

KEY MAP 408M
SCALE 1" = 3000'

SCALE: 1" = 30'

LEGEND

- ACID MANHOLE
- AIR CONDITIONING UNIT
- BENCHMARK
- BOLLARD
- "C" INLET
- CLEANOUT
- D.S. DOWN SPOUT
- ELECTRIC JUNCTION BOX
- FIRE HYDRANT
- FLAG POLE
- GM GAS METER
- GAS VALVE
- GATE POST
- GRATE TOP MANHOLE
- GREASE TRAP
- GUY WIRE
- HOSE BIB
- INLET
- CV IRRIGATION CONTROL VALVE
- LIGHT STANDARD
- MANHOLE
- PAINT MARKER (ELECTRIC)
- PAINT MARKER (GAS)
- PAINT MARKER (TELEPHONE)
- POWER POLE
- SAMPLE WELL
- SHRUB
- SIGN
- STAND PIPE
- WATER METER
- WATER VALVE

ABBREVIATIONS

B.L.–BUILDING LINE
C.L.F.–CHAIN LINK FENCE
FF–FINISH FLOOR
FL–FLOW LINE
H.C.C.F.–HARRIS COUNTY CLERK'S FILE
H.C.M.R.–HARRIS COUNTY MAP RECORDS
HDP–HIGH DENSITY POLYETHYLENE PIPE
MH–MANHOLE
OHE–OVERHEAD ELECTRIC
PG.–PAGE
PT–PICNIC TABLE
PVC–POLYVINYL CHLORIDE PIPE
RCP–REINFORCED CONCRETE PIPE
R.O.W.–RIGHT-OF-WAY
SAN.–SANITARY
STM.–STORM
SWR.–SEWER
TRF–PAD MOUNTED TRANSFORMER
TG–TOP OF GRATE
TR–TOP OF RIM
TYP.–TYPICAL
VOL.–VOLUME
W.I.F.–WROUGHT IRON FENCE

SURVEYOR'S NOTES:

1. THE CAD FILE OF THE DRAWING SHOWN HEREIN IS BASED ON TEXAS SOUTH CENTRAL ZONE NO. 4204, STATE PLANE SURFACE VALUE (NAD83) AND MAY BE CONVERTED TO GRID BY SCALING THE DRAWING BY THE FOLLOWING COMBINED SCALE FACTOR OF 0.9999083859.

2. ACCORDING TO F.I.R.M. MAP NO. 48201C0440N (COMMUNITY–PANEL NO. 480287C0440N), MAP REVISED DATE: NOVEMBER 15, 2019. THE SUBJECT PROPERTY LIES WITHIN THE AREA DESIGNATED AS ZONE "X" UNSHADED, DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

THIS STATEMENT IS BASED ON SCALING THE LOCATION OF THE SUBJECT TRACT ON THE ABOVE REFERENCED MAP. THIS INFORMATION IS TO DETERMINE FLOOD INSURANCE RATES ONLY AND IS NOT INTENDED TO IDENTIFY SPECIFIC FLOODING CONDITIONS.

3. ALL UTILITIES SHOWN HEREON ARE LOCATED USING "APPARENT & VISIBLE" EVIDENCE BY ON-SITE OBSERVATION UNLESS OTHERWISE NOTED.

4. –•– INDICATES AN UNDERGROUND SEWER LINE WITH UNKNOWN DIRECTION, SIZE OR LOCATION OR A POSSIBLE STUB-OUT.

5. UNDERGROUND UTILITY LOCATIONS PROVIDED BY LONESTAR LOCATING, LLC. PAINT MARKS WITH NUMERIC VALUES INDICATES COVER (FEET AND INCHES) DETERMINED BY ELECTRONIC TONING.

ALWAYS CONTACT TEXAS 811 PRIOR TO DIGGING. SOME UTILITIES SUCH AS FIBER OPTIC W/O TRACERS, PLASTIC GAS, FIBERGLASS/PVC ARE NOT LOCATABLE BY TRANSMISSION SIGNAL.

REFERENCE BENCHMARK:
RM050430 – ALUMINUM ROD WITH LOGO CAP STAMPED "RM050430" LOCATED ±28' WEST OF THE CENTERLINE OF WRIGHT ROAD AND ±10' SOUTH OF THE NORTHEAST CORNER OF 7607 WRIGHT ROAD IN THE WHITE OAK BAYOU WATERSHED IN KEY MAP 409J.
ELEVATION = 109.84' (NAVD 88, 2001 ADJ.)

TEMPORARY BENCHMARKS:

TBM "A1" – BOX CUT ON "C" INLET LOCATED ±83' SOUTHWEST OF THE SOUTH CORNER OF THE SOFTBALL PRESS BOX.
ELEVATION=116.38'

TBM "1" – BOX CUT ON CONCRETE LOCATED AT WEST ENTRANCE TO SOFTBALL FIELD ±40' NORTH OF DUGOUT.
ELEVATION=117.39'

TBM "W" – BOX CUT ON "C" INLET LOCATED ±97' SOUTHWEST FROM THE SOUTHWEST CORNER OF THE GREENHOUSE.
ELEVATION=116.14

TBM "Y" – BOX CUT ON CONCRETE LOCATED IN THE MECHANICAL AREA AT THE SOUTHWEST CORNER OF CHILLER.
ELEVATION=119.30'

SHEET 1 OF 2

JOEL D. WALKER 5189 LICENSED PROFESSIONAL SURVEYOR STATE OF TEXAS

TO: CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

THIS SURVEY SUBSTANTIALLY COMPLIES WITH THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY 6, CONDITION II SURVEY AND THE CURRENT MINIMUM REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYING ACT.

6/7/24
DATE

JOEL D. WALKER, R.P.L.S.
TEXAS REGISTRATION NO. 5189

CYPRESS FAIRBANKS INDEPENDENT SCHOOL DISTRICT

TOPOGRAPHIC SURVEY

CYPRESS RIDGE HIGH SCHOOL
OUT OF THE
D.E. SMITH SURVEY,
ABSTRACT NO. 716
HARRIS COUNTY, TEXAS

WEST BELT
SURVEYING, INC.
21020 PARK ROW
KATY, TX. 77449
PHONE: (281) 599-5888
FAX: (281) 492-6080
CERTIFIED FIRM NO. 100738800

NO.	DATE	REVISIONS	BY

DRAWN BY: DB	CHECKED BY: MDL
	APPROVED BY: JDW
PROJECT NO. S736-0010A	DATE: JUNE 7, 2024

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Katy, Texas
281 492 8555

LANDSCAPE/IRRIGATION
KW Landscape Architecs
6925 Portwest
Suite 100
Houston, Texas
713 629 5638

KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS • FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
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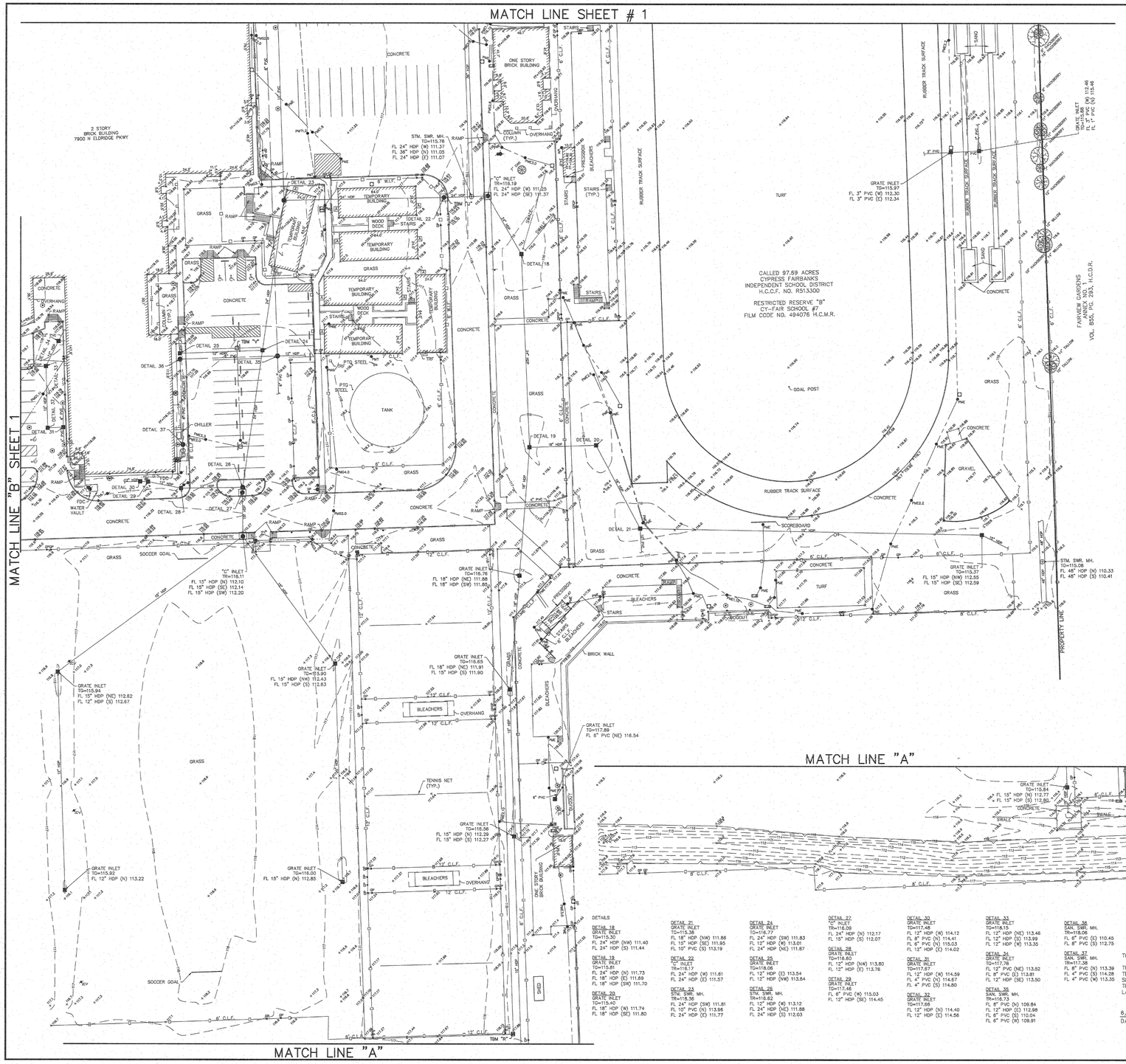
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TOPOGRAPHIC SURVEY

SHEET NUMBER
SV.01



DETAILS

DETAIL 18
GRATE INLET
TG=115.30
FL 24" HDP (NW) 111.40
FL 24" HDP (S) 111.44

DETAIL 19
GRATE INLET
TG=115.81
FL 24" HDP (N) 111.73
FL 18" HDP (E) 111.69
FL 18" HDP (SW) 111.70

DETAIL 20
GRATE INLET
TG=115.40
FL 18" HDP (W) 111.74
FL 18" HDP (SE) 111.80

DETAIL 21
GRATE INLET
TG=115.38
FL 18" HDP (NW) 111.86
FL 15" HDP (SE) 111.95
FL 10" PVC (S) 113.19

DETAIL 22
"C" INLET
TR=116.17
FL 24" HDP (W) 111.61
FL 24" HDP (E) 111.57

DETAIL 23
STM. SWR. MH.
TR=118.36
FL 24" HDP (SW) 111.81
FL 10" PVC (N) 113.96
FL 24" HDP (E) 111.77

DETAIL 24
GRATE INLET
TG=116.77
FL 24" HDP (SW) 111.83
FL 12" HDP (W) 113.01
FL 24" HDP (NE) 111.87

DETAIL 25
GRATE INLET
TG=118.06
FL 12" HDP (E) 113.54
FL 12" HDP (NW) 113.54

DETAIL 26
STM. SWR. MH.
TR=116.62
FL 12" HDP (W) 113.12
FL 24" HDP (NE) 111.88
FL 24" HDP (S) 112.03

DETAIL 27
"C" INLET
TR=116.09
FL 24" HDP (N) 112.17
FL 15" HDP (S) 112.07

DETAIL 28
GRATE INLET
TG=118.60
FL 12" HDP (NW) 113.80
FL 12" HDP (E) 113.76

DETAIL 29
GRATE INLET
TG=117.46
FL 6" PVC (W) 115.03
FL 12" HDP (SE) 114.45

DETAIL 30
GRATE INLET
TG=117.48
FL 12" HDP (W) 114.12
FL 6" PVC (N) 114.41
FL 6" PVC (N) 115.03
FL 12" HDP (E) 114.02

DETAIL 31
GRATE INLET
TG=117.67
FL 12" HDP (W) 114.59
FL 4" PVC (N) 114.87
FL 4" PVC (S) 114.80

DETAIL 32
GRATE INLET
TG=117.66
FL 12" HDP (N) 114.40
FL 12" HDP (E) 114.56

DETAIL 33
GRATE INLET
TG=118.15
FL 12" HDP (NE) 113.46
FL 12" HDP (S) 113.99
FL 12" HDP (W) 113.35

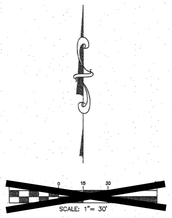
DETAIL 34
GRATE INLET
TG=117.76
FL 12" PVC (NE) 113.52
FL 8" PVC (E) 113.81
FL 12" HDP (SE) 113.50

DETAIL 35
SAN. SWR. MH.
TR=116.73
FL 8" PVC (N) 109.84
FL 12" HDP (E) 112.98
FL 6" PVC (S) 110.04
FL 6" PVC (W) 109.91

DETAIL 36
SAN. SWR. MH.
TR=118.06
FL 6" PVC (E) 110.45
FL 8" PVC (S) 112.75

DETAIL 37
SAN. SWR. MH.
TR=117.38
FL 8" PVC (N) 113.39
FL 4" PVC (S) 114.28
FL 4" PVC (W) 113.35

VICINITY MAP



LEGEND

- ACID MANHOLE
- AIR CONDITIONING UNIT
- BENCHMARK
- BOLLARD
- "C" INLET
- CLEANOUT
- DOWN SPOUT
- ELECTRIC JUNCTION BOX
- FIRE HYDRANT
- FLAG POLE
- GAS METER
- GAS VALVE
- GATE POST
- GRATE TOP MANHOLE
- GREASE TRAP
- GUY WIRE
- HOSE BIB
- INLET
- IRRIGATION CONTROL VALVE
- LIGHT STANDARD
- MANHOLE
- PAINT MARKER (ELECTRIC)
- PAINT MARKER (GAS)
- PAINT MARKER (TELEPHONE)
- POWER POLE
- GUY WIRE
- SAMPLE WELL
- SHRUB
- SIGN
- STAND PIPE
- WATER METER
- WATER VALVE

ABBREVIATIONS

B.L.–BUILDING LINE
C.L.F.–CHAIN LINK FENCE
FF–FINISH FLOOR
FL–FLOW LINE
H.C.C.F.–HARRIS COUNTY CLERK'S FILE
H.C.M.R.–HARRIS COUNTY MAP RECORDS
HDP–HIGH DENSITY POLYETHYLENE PIPE
MH–MANHOLE
OHE–OVERHEAD ELECTRIC
PG.–PAGE
PT–PICNIC TABLE
PVC–POLYVINYL CHLORIDE PIPE
RCP–REINFORCED CONCRETE PIPE
R.O.W.–RIGHT–OF–WAY
SAN.–SANITARY
STM.–STORM
SWR.–SEWER
TRF–PAD MOUNTED TRANSFORMER
TG–TOP OF GRATE
TR–TOP OF RIM
TYP.–TYPICAL
VOL.–VOLUME
W.I.F.–WROUGHT IRON FENCE

SURVEYOR'S NOTES:

1. THE CAD FILE OF THE DRAWING SHOWN HEREIN IS BASED ON TEXAS SOUTH CENTRAL ZONE NO. 4204, STATE PLANE SURFACE VALUE (NAD83) AND MAY BE CONVERTED TO GRID BY SCALING THE DRAWING BY THE FOLLOWING COMBINED SCALE FACTOR OF 0.9999083859.

2. ACCORDING TO F.I.R.M. MAP NO. 48201C0440N (COMMUNITY–PANEL NO. 4802870440N), MAP REVISED DATE: NOVEMBER 15, 2019, THE SUBJECT PROPERTY LIES WITHIN THE AREA DESIGNATED AS ZONE "X" UNSHADED, DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

THIS STATEMENT IS BASED ON SCALING THE LOCATION OF THE SUBJECT TRACT ON THE ABOVE REFERENCED MAP. THIS INFORMATION IS TO DETERMINE FLOOD INSURANCE RATES ONLY AND IS NOT INTENDED TO IDENTIFY SPECIFIC FLOODING CONDITIONS.

3. ALL UTILITIES SHOWN HEREON ARE LOCATED USING "APPARENT & VISIBLE" EVIDENCE BY ON–SITE OBSERVATION UNLESS OTHERWISE NOTED.

4. →I INDICATES AN UNDERGROUND SEWER LINE WITH UNKNOWN DIRECTION, SIZE OR LOCATION OR A POSSIBLE STUB–OUT.

5. UNDERGROUND UTILITY LOCATIONS PROVIDED BY LONESTAR LOCATING, LLC. PAINT MARKS WITH NUMERIC VALUES INDICATES COVER (FEET AND INCHES) DETERMINED BY ELECTRONIC TONING.

ALWAYS CONTACT TEXAS 811 PRIOR TO DIGGING. SOME UTILITIES SUCH AS FIBER OPTIC W/O TRACERS, PLASTIC GAS, FIBERGLASS/PVC ARE NOT LOCATABLE BY TRANSMISSION SIGNAL.

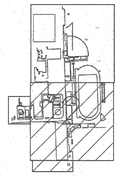
REFERENCE BENCHMARK:
RM050430 – ALUMINUM ROD WITH LOGO CAP STAMPED "RM050430" LOCATED ±28' WEST OF THE CENTERLINE OF WRIGHT ROAD AND ±10' SOUTH OF THE NORTHEAST CORNER OF 7607 WRIGHT ROAD IN THE WHITE OAK BAYOU WATERSHED IN KEY MAP 409J.
ELEVATION = 109.84' (NAVD 88, 2001 ADJ.)

TEMPORARY BENCHMARKS:

TBM "R" – BOX CUT ON CORNER OF CONCRETE SIDEWALK LOCATED AT THE SOUTHEAST CORNER OF TENNIS COURTS.
ELEVATION=117.89'

TBM "U" – BOX CUT ON "C" INLET LOCATED ±80' SOUTHWEST FROM THE SOUTHWEST CORNER OF CONCESSION STAND.
ELEVATION=116.18'

TBM "V" – BOX CUT ON MOST NORTHERLY LIGHT STANDARD LOCATED IN THE PARKING LOT WEST OF THE TEMPORARY BUILDINGS.
ELEVATION=119.68'



REGISTERED PROFESSIONAL LAND SURVEYOR JOEL D. WALKER 5189 STATE OF TEXAS

TO: CYPRESS–FAIRBANKS INDEPENDENT SCHOOL DISTRICT

THIS SURVEY SUBSTANTIALLY COMPLIES WITH THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY 6, CONDITION II SURVEY AND THE CURRENT MINIMUM REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYING ACT.

6/7/24
DATE

JOEL D. WALKER, R.P.L.S.
TEXAS REGISTRATION NO. 5189

CYPRESS FAIRBANKS INDEPENDENT SCHOOL DISTRICT

TOPOGRAPHIC SURVEY

CYPRESS RIDGE HIGH SCHOOL OUT OF THE D.E. SMITH SURVEY, ABSTRACT NO. 716 HARRIS COUNTY, TEXAS

WEST BELT SURVEYING, INC.
21020 PARK ROW
KATY, TX. 77449
PHONE: (281) 599-8288
FAX: (281) 492-0928
CERTIFIED FIRM NO. 10073800

NO.	DATE	REVISIONS	BY

DRAWN BY: DB	CHECKED BY: MDL
SCALE:	APPROVED BY: JDW
PROJECT NO. S736–0010A	DATE: JUNE 7, 2024

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05 Dec 2024 10:51AM Gregl
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Includes Xref(s): XTB.dwg; X-Seal.dwg

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713.209.5638

KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS • FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TOPOGRAPHIC SURVEY

SHEET NUMBER
SV.02

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION SCHEDULE WITH THE ENGINEER AND/OR ARCHITECT PRIOR TO COMMENCING WORK.
2. CONTRACTOR SHALL CONTACT ALL GOVERNING AGENCIES A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION AND COORDINATE ALL WORK WITH THE SAME.
3. WHETHER SHOWN ON DRAWINGS OR NOT THE CONTRACTOR SHALL PROVIDE ALL PIPING, APPURTENANCES, AND MISCELLANEOUS FITTINGS REQUIRED TO ACCOMPLISH THE DESIGN AS DRAWN AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL CONTACT ENGINEER IF UNSURE OF PIPING LAYOUT, SIZES OR LENGTHS.
4. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE COMMENCING ANY WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPORT ANY DISCREPANCIES TO THE ENGINEER IN A TIMELY MANNER.
5. ALL DIMENSIONS SHOWN ARE APPROXIMATE AND ARE TO BE VERIFIED BY THE CONTRACTOR. CHANGES IN HORIZONTAL OR VERTICAL ALIGNMENT ARE TO BE APPROVED BY THE ENGINEER.
6. THE DRAWINGS SHOW AS MUCH INFORMATION AS CAN BE REASONABLY OBTAINED FROM AN ON THE GROUND OBSERVATION, SURVEY AND EXISTING CONSTRUCTION DRAWINGS REGARDING THE TOPOGRAPHIC FEATURES, ELEVATIONS AS WELL AS THE LOCATION AND NATURE OF PIPELINES, NATURAL GAS LINES, UNDERGROUND CABLES, UTILITIES, ETC. HOWEVER, THE ACCURACY OF OR COMPLETENESS OF SUCH INFORMATION IS NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION TO PRECLUDE DAMAGE TO EXISTING UTILITIES. IN THE EVENT THAT UNDERGROUND UTILITIES NOT SHOWN ON THE DRAWINGS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
7. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK IN ANY RIGHT-OF-WAY OR EXISTING EASEMENT. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT (713) 223-4567, 1-800-545-6005 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
8. SOME OF THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON HAVE NOT BEEN FIELD VERIFIED.
9. CONTRACTOR SHALL UNCOVER EXISTING UTILITIES AT ALL "POINTS OF CROSSING" TO DETERMINE IF CONFLICT EXISTS BEFORE COMMENCING ANY CONSTRUCTION. NOTIFY THE ENGINEER AT ONCE OF ANY CONFLICT.
10. IN THE EVENT OF DAMAGE TO UNDERGROUND UTILITIES OR FACILITIES, WHETHER SHOWN OR NOT ON THE DRAWINGS, THE CONTRACTOR SHALL MAKE THE NECESSARY REPAIRS TO REPLACE THE UTILITY OR FACILITY BACK IN SERVICE AT NO INCREASE IN THE CONTRACT PRICE. ALL SUCH REPAIRS SHALL CONFORM TO THE REQUIREMENTS OF THE COMPANY OR AGENCY SERVICING THE FACILITY.
11. ALL EXISTING POWER POLES, LIGHT STANDARDS, SIGNS, ETC. WHICH AFFECT THE PROPOSED CONSTRUCTION, SHALL BE REMOVED AND/OR RELOCATED AS REQUIRED WHETHER SHOWN ON DRAWINGS OR NOT AT NO ADDITIONAL COST TO THE OWNER.
12. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL ADHERE TO THE STANDARDS OF THE GOVERNING AUTHORITY.
13. INGRESS AND EGRESS SHALL BE PROVIDED AT ALL TIMES FOR THE PROPERTY OWNERS AND BUSINESSES OF THE ABUTTING PROPERTY AND THE CROSS STREETS WHICH ARE AFFECTED BY THE CONSTRUCTION OF THIS PROJECT.
14. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR MAINTAINING A SAFE PROJECT SITE 24 HOURS A DAY.
15. DURING THE ENTIRE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL MAINTAIN CONSTRUCTION WARNING SIGNS AT EACH END OF THE PROJECT TO WARN MOTORING AND PEDESTRIAN TRAFFIC THAT CONSTRUCTION IS IN PROGRESS AND OF POSSIBLE HAZARDOUS CONDITIONS GENERATED BY THE CONSTRUCTION.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELINEATING THE PERIMETER OF CONSTRUCTION AREA WITH CONSTRUCTION FENCING AT NO ADDITIONAL COST. CONSTRUCTION FENCING SHALL BE ERECTED PRIOR TO CONSTRUCTION AND REMOVED UPON COMPLETION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING TRAFFIC IN THE IMMEDIATE VICINITY OF CONSTRUCTION. ALL WORK SHALL BE IN SUCH A MANNER AND SEQUENCE AS TO PROVIDE MAXIMUM PROTECTION TO TRAFFIC AND PEDESTRIANS. CONTROLS SHALL BE CONSISTENT WITH THE TYPE OF WORK BEING PERFORMED.
18. CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (TEXAS M.U.T.C.D. MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
19. DELINEATORS SHALL BE INSTALLED ALONG THE PAVEMENT EDGE TO WARN TRAFFIC OF ANY ROADSIDE OBJECTS OR HAZARDS AND TO DELINEATE THE ROADWAY EDGE DURING HOURS OF DARKNESS.
20. THE WORK AREA SHALL BE BARRICADED AND ILLUMINATED DURING DARKNESS AND PERIODS OF INACTIVITY, WHEN IN AN AREA OF DIRECT PUBLIC ACCESS.
21. UNOCCUPIED TRENCHES SHALL BE SECURED WITH SAFETY "SNOW" FENCING OR OTHER APPROPRIATE MEANS AT ALL TIMES. TRENCHES WHICH ARE NOT IMMEDIATELY BACKFILLED SHALL BE SECURELY COVERED OVERNIGHT AND BE SURROUNDED BY SAFETY "SNOW" FENCING.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING REQUIRED SECURITY TO PROTECT HIS OWN PROPERTY, EQUIPMENT, AND WORK IN PROGRESS.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ADEQUATE DRAINAGE BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE GOVERNING AUTHORITY AND/OR ENGINEER..
24. CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION OF ANY TEMPORARY DITCH OR DRAINAGE FACILITIES REQUIRED TO MAINTAIN ADEQUATE SITE DRAINAGE DURING CONSTRUCTION AT NO ADDITIONAL COST TO OWNER
25. THE CONTRACTOR IS TO INSTALL GROUND WATER CONTROL FACILITIES IF NEEDED, AT DIRECTION OF ENGINEER AT NO ADDITIONAL COST TO OWNER.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS REQUIRED BY ALL GOVERNING AGENCIES.
27. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETION AND SUBMISSION OF ALL APPLICABLE STATE AND FEDERAL FORMS REQUIRED FOR STORM WATER POLLUTION PREVENTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION, IMPLEMENTATION, MAINTENANCE, AND INSPECTION OF STORM WATER POLLUTION PREVENTION CONTROL MEASURES INCLUDING, BUT NOT LIMITED TO, EROSION AND SEDIMENT CONTROLS, STORM WATER MANAGEMENT PLANS, WASTE COLLECTION AND DISPOSAL, OFF-SITE VEHICLE TRACKING, AND OTHER PRACTICES.
28. THE CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF TEXAS LAW CONCERNING EXCAVATION, TRENCHING AND SHORING.
29. THE CONTRACTOR SHALL DESIGN AND PROVIDE A TRENCH SAFETY SYSTEM TO MEET APPROPRIATE REQUIREMENTS ESTABLISHED IN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) SAFETY & HEALTH REGULATIONS, 29 CFR 1926, SUBPART P – EXCAVATIONS, TRENCHING AND SHORING, AND OSHA'S PROPOSED STANDARDS ON TRENCHING, EXCAVATION PUBLISHED IN VOLUME 52, NO. 72 OF THE FEDERAL REGISTER, APRIL 15, 1987, PAGES 12288-12339. SHOULD THE REFERENCED OSHA STANDARDS BE MODIFIED OR AMENDED, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
30. CONTRACTOR SHALL PROVIDE SHEETING, SHORING AND BRACING AS NECESSARY TO PROTECT WORKMEN AND EXISTING UTILITIES DURING ALL PHASES OF CONSTRUCTION.
31. IN ORDER TO COMPLY WITH HANDICAP REGULATIONS, THE CONTRACTOR SHALL ENSURE THAT THE SLOPE OF THE SIDEWALK AND/OR PAVING IN THE FIRST FIVE FEET OUTSIDE ANY DOOR DOES NOT EXCEED 2% IN ANY DIRECTION.
32. THE TEXAS DEPARTMENT OF TRANSPORTATION TxDOT 2004 STANDARD SPECIFICATIONS AND STANDARDS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND BRIDGES SHALL BE CONSIDERED PART OF THESE PLANS AND USED AS THE SPECIFICATIONS FOR ITEMS EXCEPT AS SHOWN OTHERWISE ON PLANS OR IN THE PROJECT SPECIFICATIONS.
33. NO CONSTRUCTION WHICH BLOCKS TRAFFIC ON ANY STREET, ALLEY, OR DRIVEWAY WILL BE ALLOWED DURING THE HOURS OF 6:30 A.M. – 8:30 A.M. AND 2:30-6:00 P.M.
34. THE CONTRACTOR MUST CLEAN MUD, DIRT OR DEBRIS TRACKED ONTO EXISTING STREETS BY HIMSELF OR SUBCONTRACTOR'S VEHICLES AND EQUIPMENT DAILY OR AS DIRECTED BY ENGINEER.
35. CONDITION OF THE ROAD AND/OR RIGHT-OF-WAY, UPON COMPLETION OF JOB SHALL BE AS GOOD OR BETTER THAN PRIOR TO STARTING WORK.
36. ALL AREAS DISTURBED BY CONSTRUCTION WHICH ARE NOT TO BE REPAVED OR OTHERWISE COVERED SHALL BE HYDROMULCHED.
37. CONTRACTOR SHALL STRIP AND STOCKPILE TOPSOIL. TOPSOIL SHALL BE SPREAD OVER ALL AREAS RECEIVING SOD AND OR HYDROMULCH. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AN 85% STAND OF GRASS WITH NO AREAS OF EROSION BEFORE FINAL ACCEPTANCE.
38. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL WASTE MATERIAL GENERATED DURING CONSTRUCTION. WASTE MATERIAL MUST BE REMOVED FROM THE WORK SITE AND DISPOSED OF IN SUCH A MANNER AS TO NOT DAMAGE THE OWNER OR OTHER PERSONS AT NO ADDITIONAL COST.
39. ALL FILL PLACED ON SITE SHALL BE ENGINEERED FILL PER THE RECOMMENDATION OF THE SOILS REPORT OR AS INDICATED IN THE SPECIFICATIONS.
40. FINISH GRADE ELEVATIONS INDICATE FINAL GRADE OF PROPOSED MATERIAL (I.E. SOD, DIRT, MULCH, ETC.). LANDSCAPED AREAS ADJACENT TO BUILDING, INCLUDING, DIRT, MULCH, AND/OR BEDDING MATERIALS SHALL NOT COVER WEEPHOLES. AREAS ADJACENT TO BUILDING, LANDSCAPED, OR OTHERWISE SHALL SHEET FLOW AWAY FROM BUILDING WITH NO AREAS OF STANDING WATER ADJACENT TO BUILDING.
41. GRADING AROUND BUILDINGS INCLUDING WALKWAYS SHALL BE COORDINATED WITH ENGINEER AND/OR ARCHITECT AND FINAL APPROVAL OF GRADES IN GRASS AREAS AND SWALES SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION OF LANDSCAPING MATERIALS.
42. AFTER INSTALLATION OF DRAINAGE SYSTEM, CONTRACTOR SHALL PERFORM FINAL GRADING AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY ENGINEER OR OWNER TO INSURE POSITIVE DRAINAGE OF ENTIRE SITE. FINAL GRADING SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION OF GRASS.
43. THE CONTRACTOR SHALL COORDINATE FINAL GRADING OF LANDSCAPED AREAS WITH THE LANDSCAPE ARCHITECT.
44. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING FINAL GRADES TO ENSURE POSITIVE DRAINAGE.
45. PLACE BACKFILL AS PROMPTLY AS PRACTICABLE AFTER COMPLETION OF EACH STRUCTURE OR PORTION OF A STRUCTURE. DO NOT PLACE BACKFILL AGAINST CONCRETE WALLS OR SIMILAR STRUCTURES UNTIL CONCRETE HAS CURED AT LEAST SEVEN (7) DAYS.
46. ALL STRUCTURES AND SEWER PIPE UNDER OR WITHIN TWO (2) FEET OF PROPOSED OR FUTURE PAVEMENT SHALL BE BEDDED AND BACKFILLED WITH CEMENT STABILIZED SAND UP TO THE BOTTOM OF THE PAVEMENT SUBGRADE.
47. CEMENT-SAND BACKFILL SHALL CONSIST OF NOT LESS THAN 1-1/2 SACKS OF CEMENT PER TON OF SAND WITH SUFFICIENT WATER TO HYDRATE THE CEMENT. THE MATERIAL SHALL BE PLACED IN LIFTS EIGHT (8) INCHES THICK MAXIMUM AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
48. WHERE PAVEMENT OR CURB IS BEING REMOVED AND REPLACED FULL DEPTH SAW CUT SHALL BE PERFORMED AT STREET CONNECTION.
49. CONCRETE PAVEMENT SHALL HAVE MINIMUM OF FIVE AND ONE-HALF SACKS OF CEMENT PER CUBIC YARD AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS.
50. ALL STEEL REINFORCEMENT SHALL CONFORM TO ASTM A615 GRADE 60.
51. DETAILING AND FABRICATION OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI-318 LATEST EDITION.
52. LAP ALL CONTINUOUS REINFORCING STEEL 36 DIAMETERS AT SPLICES, TEES, AND CORNERS UNLESS NOTED OTHERWISE ON PLANS.
53. WHERE CONCRETE CURB OR WALK IS INDICATED, ELEVATION SHALL BE 6 INCHES ABOVE TOP OF PAVEMENT ELEVATION SHOWN, UNLESS OTHERWISE SHOWN ON DRAWINGS.
54. MOW STRIPS SHALL BE INSTALLED SO AS NOT TO BLOCK ANY SHEET FLOW PATTERNS AS DESIGNED. ANY MOW STRIPS THAT BLOCK DRAINAGE SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER. IF CONTRACTOR HAS ANY QUESTIONS ON CORRECT ELEVATIONS FOR MOW STRIPS, CONTACT ENGINEER OR ARCHITECT.
55. A FIBERBOARD EXPANSION JOINT SHALL BE PLACED BETWEEN THE BUILDING FOUNDATION AND THE CONCRETE PAVEMENT.
56. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL PROPOSED UTILITIES EXITING BUILDING PRIOR TO COMMENCING WORK ON SITE UTILITIES. UPON ANY DISCREPANCIES, ENGINEER IS TO BE NOTIFIED.
57. ELECTRIC METER AND SERVICE LINE INSTALLATION TO BE COORDINATED WITH ELECTRICAL PROVIDER BY THE CONTRACTOR.
58. GAS METER AND SERVICE LINE INSTALLATION TO BE COORDINATED WITH GAS COMPANY BY THE CONTRACTOR.
59. IF WITHIN THE CITY OF HOUSTON A STORM WATER QUALITY PERMIT IS REQUIRED FOR THIS PROJECT, THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING ITEMS:
    A.) PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL PROVIDE THE CITY OF HOUSTON WITH A PERFORMANCE BOND FOR ALL STORM WATER QUALITY PERMITS ISSUED BY THE CITY OF HOUSTON STORM WATER QUALITY DEPARTMENT.
60. THE CONTRACTOR WILL JET ALL DEBRIS OUT OF THE FLOATABLES COLLECTION SCREEN UNITS INSTALLED AND WILL PROVIDE THE ENGINEER WITH AN AS-BUILT SURVEY, SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR, SHOWING POSITIVE DRAINAGE PRIOR TO ENGINEER ISSUING AN AS-BUILT CERTIFICATE TO THE GOVERNING AGENCY.
61. CONTRACTOR IS RESPONSIBLE FOR PUMPING OUT STORM WATER QUALITY UNITS AND PROVIDING THE ENGINEER WITH A MANIFEST STATING THAT THE SILT AND DEBRIS WAS DISPOSED OF IN A LEGAL MANNER. MANIFEST AND TIME STAMPED PICTURES OF THE CLEAN UNITS MUST BE PROVIDED PRIOR TO ENGINEER SUBMITTING THE STORM WATER QUALITY AS-BUILT CERTIFICATE. CONTRACTOR TO NOTIFY ENGINEER WHEN PUMP OUT WILL TAKE PLACE.

PRIVATE UTILITY NOTES

AT&T TEXAS / SWBT FACILITIES

1. THE LOCATIONS OF AT&T TEXAS/SWBT FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF AT&T TEXAS/SWBT FACILITIES, ALL EXCAVATIONS MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE AT&T TEXAS/SWBT FACILITIES.
4. WHEN AT&T TEXAS/SWBT FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT DUCTS OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.
5. THE PRESENCE OR ABSENCE OF AT&T TEXAS/SWBT UNDERGROUND CONDUIT FACILITIES OR BURIED CABLE FACILITIES SHOWN ON THESE PLANS DOES NOT MEAN THAT THERE ARE NO DIRECT BURIED CABLES OR OTHER CABLES IN THE AREA. FOLLOW THE DIRECT BURIED CABLE PROCEDURES TO LOCATE THE AT&T TEXAS/SWBT DIRECT BURIED CABLES AS INDICATED IN THE AT&T TEXAS RESEARCH AND SIGNATURE PROCESS FOR AT&T TEXAS/SWBT FACILITIES.
6. PLEASE CONTACT THE AT&T TEXAS DAMAGE PREVENTION MANAGER MR. ROOSEVELT LEE JR. AT (713)567-4552 OR EMAIL HIM AT RL7259@ATT.COM, IF THERE ARE QUESTIONS ABOUT BORING OR EXCAVATION NEAR OUR AT&T TEXAS/SWBT FACILITIES.

CAUTION: UNDERGROUND GAS FACILITIES

LOCATIONS OF CENTERPOINT ENERGY MAIN LINES (TO INCLUDE CENTERPOINT ENERGY INTRASTATE PIPELINE, LLC. WHERE APPLICABLE) ARE SHOWN IN AN APPROXIMATE LOCATION ONLY. SERVICE LINES ARE USUALLY NOT SHOWN. OUR SIGNATURE ON THESE PLANS ONLY INDICATES THAT OUR FACILITIES ARE SHOWN IN APPROXIMATE LOCATION. IT DOES NOT IMPLY THAT A CONFLICT ANALYSIS HAS BEEN MADE. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT 1-800-545-6005 OR 811 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.

- WHEN CENTERPOINT ENERGY PIPELINE MARKINGS ARE NOT VISIBLE, CALL (713) 207-5463 OR (713) 945-8037 (7:00 A.M. TO 4:30 P.M.) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION BEGINS.
- WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.
- WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.
- FOR EMERGENCIES REGARDING GAS LINES CALL (713) 659-3552 OR (713) 207-4200.

THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

WARNING: OVERHEAD ELECTRICAL FACILITIES

OVERHEAD LINES MAY EXIST ON THE PROPERTY. THE LOCATION OF OVERHEAD LINES HAS NOT BEEN SHOWN ON THESE DRAWINGS AS THE LINES ARE CLEARLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE FORBIDS ACTIVITIES THAT OCCUR IN CLOSE PROXIMITY TO HIGH VOLTAGE LINES, SPECIFICALLY:

- ANY ACTIVITY WHERE PERSON OR THINGS MAY COME WITHIN SIX(6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES; AND
- OPERATING A CRANE, DERRICK, POWER SHOVEL, DRILLING RIG, PILE DRIVER, HOISTING EQUIPMENT, OR SIMILAR APPARATUS WITHIN 10 FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES.

PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTERPOINT ENERGY AT (713) 207-2222.

ACTIVITIES ON OR ACROSS CENTERPOINT ENERGY FEE OR EASEMENT PROPERTY

NO APPROVAL TO USE, CROSS OR OCCUPY CENTERPOINT FEE OR EASEMENT PROPERTY IS GIVEN. IF YOU NEED TO USE CENTERPOINT PROPERTY, PLEASE CONTACT OUR SURVEYING & RIGHT OF WAY DIVISION AT (713) 207-6348 OR (713) 207-5769.

WATER LINE CONSTRUCTION NOTES

1. DOMESTIC OR FIRE WATER LINES 4" AND LARGER SHALL BE POLYVINYL CHLORIDE PVC), DR-18, CLASS 150, CONFORMING TO AWWA C900 OR C905, AS CURRENTLY AMENDED UNLESS OTHERWISE NOTED ON THE PLANS.
2. WATER LINES 3" AND SMALLER SHALL BE SCHEDULE 40 PVC.
3. ALL VALVES SHALL BE LEFT HAND (COUNTERCLOCKWISE) OPEN.
4. SEE DETAIL SHEET FOR THRUST BLOCK DETAILS.
5. CONTRACTOR SHALL INSTALL METALLIC TRACER WIRE ON ALL UNDERGROUND PVC PIPING AND SECURE WIRE ENDS AT ALL VALVE BOXES.
6. CONTRACTOR SHALL ADJUST ELEVATION OF WATER LINES AS REQUIRED TO CLEAR OTHER UTILITIES. ADJUSTMENT MUST MEET TCEQ REQUIREMENTS FOR MINIMUM CLEARANCES, TYPE OF PIPE, ETC.
7. MINIMUM VERTICAL CLEARANCE BETWEEN WATER LINES AND OTHER UTILITIES SHALL BE TWELVE INCHES, UNLESS OTHERWISE NOTED ON THE PLANS.
8. EXISTING WATER SERVICES SHALL NOT BE INTERRUPTED DURING CONSTRUCTION.
9. NO CONNECTIONS SHALL BE MADE TO EXISTING WATER LINES UNTIL ALL PROPOSED WATER LINES HAVE BEEN THOROUGHLY CLEANED, TESTED, DISINFECTED AND APPROVED. ALL TESTING PROCEDURES SHALL CONFORM TO THE GOVERNING AGENCY.
10. UTILITIES ARE TO BE TAKEN TO WITHIN FIVE (5) FEET OF BUILDING. SEE PLUMBING SHEETS FOR CONTINUATION OF SERVICE CONNECTIONS INTO BUILDING.
11. METER AND BACKFLOW VAULTS SHALL BE SET 3" ABOVE FINISHED GRADE.
12. CONTRACTOR TO COORDINATE APPROPRIATE NOZZLE SIZE AND TYPE WITH LOCAL FIRE MARSHAL/FIRE INSPECTOR PRIOR TO OBTAINING FIRE HYDRANT.

STORM SEWER CONSTRUCTION NOTES

1. ON SITE STORM SEWERS 12-INCH DIAMETER AND LARGER SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE (PER AASHTO M-294, TYPE S, HANCOR SURE-LOK F477 PIPE, OR APPROVED EQUAL,) UNLESS OTHERWISE SHOWN ON PLANS. PRODUCT MUST HAVE GASKET JOINTS.
2. ON SITE STORM SEWERS 10-INCH DIAMETER AND LESS SHALL BE PVC (POLY-VINYL CHLORIDE) PIPE MEETING A.S.T.M. SPECIFICATIONS, ASTM D3034 AND HAVING A S.D.R. OF 26, UNLESS OTHERWISE SHOWN ON PLANS.
3. ANY CONCRETE PIPE USED ON THIS PROJECT SHALL BE REINFORCED CONCRETE MEETING ASTM C-76 CLASS III, AND HAVE BELL AND SPIGOT JOINTS WITH RUBBER GASKETS. CONCRETE PIPE IS ONLY TO BE USED WHERE REQUIRED IN PUBLIC RIGHT-OF-WAY AND/OR AT TIES TO PUBLIC STORM SEWER SYSTEMS. BEDDING BACKFILLING AND INSTALLATION OF PIPE AND CONSTRUCTION OF APPURTENANCES SHALL BE IN ACCORDANCE WITH THE CIVIL DETAIL SHEETS.
4. THE CONTRACTOR SHALL USE PRECAST 4000 PSI REINFORCED CONCRETE STORM SEWER MANHOLES AND INLETS. INVERT SHALL BE INSTALLED WITH NON-SHRINK GROUT AND SLOPED TO ENSURE POSITIVE DRAINAGE FROM INLET TO STORM SEWER LINE. WITH SMOOTH FINISH AND NO STANDING WATER IN INLET. BRICK MANHOLES AND/OR INLETS MAY BE USED AS APPROVED BY THE ENGINEER WHEN SETTING STRUCTURES ON EXISTING UTILITY LINE. BRICK STRUCTURES MUST BE MORTARED INSIDE AND OUT. COORDINATE EACH INCIDENT WITH ENGINEER.
5. ALL INLETS, MANHOLES, CLEANOUTS, AND HEADWALLS SHALL BE BACKFILLED WITH CEMENT STABILIZED SAND. CEMENT STABILIZED SAND FILL SHALL BE AT LEAST 12" ON BOTTOM OF STRUCTURE AND 12" AROUND OUTSIDE OF STRUCTURE.
6. NO CORNER CONNECTIONS WILL BE ALLOWED TO ANY INLETS, JUNCTION BOXES OR BOX MANHOLES.
7. CONTRACTOR SHALL CUT OFF PIPE FLUSH WITH INSIDE FACE OF INLETS AND MANHOLES. ALL PIPE PENETRATIONS SHALL BE GROUTED INSIDE AND OUT WITH NON-SHRINK GROUT.
8. CONCRETE FOR DRAINAGE STRUCTURES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI AT 28 DAYS.
9. CULVERT CROSSINGS LOCATED WITHIN 30 FEET OF THE RIGHT-OF-WAY SHALL HAVE MINIMUM 6:1 SLOPING ENDS KNOWN AS SAFETY END TREATMENTS (SETS). THE CULVERT SHALL HAVE SUFFICIENT LENGTH TO ALLOW THE 6:1 SLOPE TO BE ACHIEVED FROM THE EDGE OF PAVEMENT TO THE FLOWLINE AT THE END OF THE SET.
10. CULVERTS LARGER THAN SINGLE 30-INCH DIAMETER (OR LARGER THAN MULTIPLE 24-INCH DIAMETER CULVERTS) SHALL REQUIRE SAFETY PIPE RUNNERS.
11. CONTRACTOR SHALL FLUSH AND CLEAN ALL STORM SEWER LINES AND STRUCTURES PRIOR TO ACCEPTANCE.
12. UTILITIES ARE TO BE TAKEN TO WITHIN FIVE (5) FEET OF BUILDING. SEE PLUMBING SHEETS FOR CONTINUATION OF SERVICE CONNECTIONS INTO BUILDING.
13. TIE-INS TO EXISTING MANHOLES SHALL BE MADE SUCH THAT THE FINAL CONDITIONS UPON COMPLETION OF THE JOB SHALL BE AS GOOD OR BETTER THAN PRIOR TO STARTING WORK.
14. THE CONTRACTOR IS TO INSTALL WATER-TIGHT ADAPTORS OF A TYPE COMPATIBLE WITH THE MATERIALS BEING JOINED AT THE POINT OF CONNECTION OF THE SERVICE LINE TO THE BUILDING PLUMBING. NO CEMENT GROUT MATERIALS ARE PERMITTED.
15. THE CONTRACTOR IS TO INSTALL EACH CLEANOUT SO THAT IT OPENS IN A DIRECTION OPPOSITE TO THE FLOW OF THE WASTE AND, EXCEPT IN THE CASE OF A "WYE" BRANCH AND END-OF-THE-LINE CLEANOUTS, CLEANOUTS WILL BE INSTALLED VERTICALLY ABOVE THE FLOW LINE OF THE PIPE. CLEANOUTS WILL BE MADE WITH AIR-TIGHT MECHANICAL PLUG.
16. ALL STORM SEWER MANHOLES LOCATED OUTSIDE OF PAVED AREAS SHALL BE SET AT FINISH GRADE WITH CONCRETE COLLAR UNLESS OTHERWISE NOTED ON PLANS.
17. ALL INLETS AND JUNCTION BOXES LOCATED OUTSIDE OF PAVED AREAS SHALL HAVE A PRE-CAST TOP WITH CAST-IN FRAME.
18. CONTRACTOR SHALL GROUT ALL JOINTS INSIDE OF ALL INLETS, JUNCTION BOXES, AND MANHOLES WITH NON-SHRINK GROUT.
19. ALL TYPE "A" GRATE INLETS SHALL HAVE SLOTTED GRATE TOPS (MODEL V-4880-3).
20. CEMENT-SAND BACKFILL SHALL CONSIST OF NOT LESS THAN 1-1/2 SACKS OF CEMENT PER TON OF SAND WITH SUFFICIENT WATER TO HYDRATE THE CEMENT. THE MATERIAL SHALL BE PLACED IN LIFTS EIGHT (8) INCHES THICK MAXIMUM AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
21. CONTRACTOR IS RESPONSIBLE FOR PUMPING OUT STORM WATER QUALITY UNITS AND PROVIDING THE ENGINEER WITH A MANIFEST STATING THAT THE SILT AND DEBRIS WAS DISPOSED OF IN A LEGAL MANNER. MANIFEST AND TIME STAMPED PICTURES OF THE CLEAN UNITS MUST BE PROVIDED PRIOR TO ENGINEER SUBMITTING THE STORM WATER QUALITY AS-BUILT CERTIFICATE. CONTRACTOR TO NOTIFY ENGINEER WHEN PUMP OUT WILL TAKE PLACE.

SANITARY SEWER CONSTRUCTION NOTES

1. SANITARY SEWER SHALL BE PVC (POLY-VINYL CHLORIDE) PIPE MEETING A.S.T.M. SPECIFICATIONS, D-3034-08 AND HAVING A S.D.R. OF 26 UNLESS OTHERWISE SHOWN ON PLANS. BEDDING BACKFILLING AND INSTALLATION OF PIPE AND CONSTRUCTION OF APPURTENANCES SHALL BE IN ACCORDANCE WITH THE CIVIL DETAIL SHEETS.
2. THE CONTRACTOR SHALL USE 4000 PSI REINFORCED CONCRETE PRECAST SANITARY SEWER MANHOLES.
3. ALL MANHOLES, AND CLEANOUTS SHALL BE BACKFILLED WITH CEMENT STABILIZED SAND. CEMENT STABILIZED SAND FILL SHALL BE AT LEAST 12" ON BOTTOM OF STRUCTURE AND 12" AROUND OUTSIDE OF STRUCTURE.
4. CONTRACTOR SHALL CUT OFF PIPE FLUSH WITH INSIDE FACE OF MANHOLES. ALL PIPE PENETRATIONS SHALL BE GROUTED INSIDE AND OUT WITH NON-SHRINK GROUT.
5. CONTRACTOR SHALL SEAL INTERIOR SURFACE OF PROPOSED SANITARY SEWER MANHOLES WITH THANECOAT FE-100, OR APPROVED EQUAL AS PER MANUFACTURER'S SPECIFICATIONS.
6. ALL SANITARY SEWER MANHOLES SHALL BE VACUUM TESTED.
7. ALL SANITARY SEWER LINES SHALL BE MANDREL AND AIR TESTED. ALL SANITARY SEWER LINES SHALL ALSO BE INSPECTED VIA CAMERA.
8. UTILITIES ARE TO BE TAKEN TO WITHIN FIVE (5) FEET OF BUILDING. SEE PLUMBING SHEETS FOR CONTINUATION OF SERVICE CONNECTIONS INTO BUILDING.
9. TIE-INS TO EXISTING MANHOLES SHALL BE MADE SUCH THAT THE FINAL CONDITIONS UPON COMPLETION OF THE JOB SHALL BE AS GOOD OR BETTER THAN PRIOR TO STARTING WORK.
10. THE CONTRACTOR IS TO INSTALL WATER-TIGHT ADAPTORS OF A TYPE COMPATIBLE WITH THE MATERIALS BEING JOINED AT THE POINT OF CONNECTION OF THE SERVICE LINE TO THE BUILDING PLUMBING. NO CEMENT GROUT MATERIALS ARE PERMITTED.
11. THE CONTRACTOR IS TO INSTALL EACH CLEANOUT SO THAT IT OPENS IN A DIRECTION OPPOSITE TO THE FLOW OF THE WASTE AND, EXCEPT IN THE CASE OF A "WYE" BRANCH AND END-OF-THE-LINE CLEANOUTS, CLEANOUTS WILL BE INSTALLED VERTICALLY ABOVE THE FLOW LINE OF THE PIPE. CLEANOUTS WILL BE MADE WITH AIR-TIGHT MECHANICAL PLUG.
12. ALL SANITARY SEWER MANHOLES LOCATED OUTSIDE OF PAVED AREAS SHALL BE SET 3" ABOVE FINISHED GRADE WITH CONCRETE COLLAR.
13. CEMENT-SAND BACKFILL SHALL CONSIST OF NOT LESS THAN 1-1/2 SACKS OF CEMENT PER TON OF SAND WITH SUFFICIENT WATER TO HYDRATE THE CEMENT. THE MATERIAL SHALL BE PLACED IN LIFTS EIGHT (8) INCHES THICK MAXIMUM AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.

Page/

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281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architecs
6925 Portwest Drive Suite 120
Houston, Texas 77024
346.309.5638

KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F-880
STATE OF TEXAS
FRANK E. BROOKS
49225
REGISTERED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
GENERAL NOTES

SHEET NUMBER
C1.01

05 Dec 2024 9:16AM GregL
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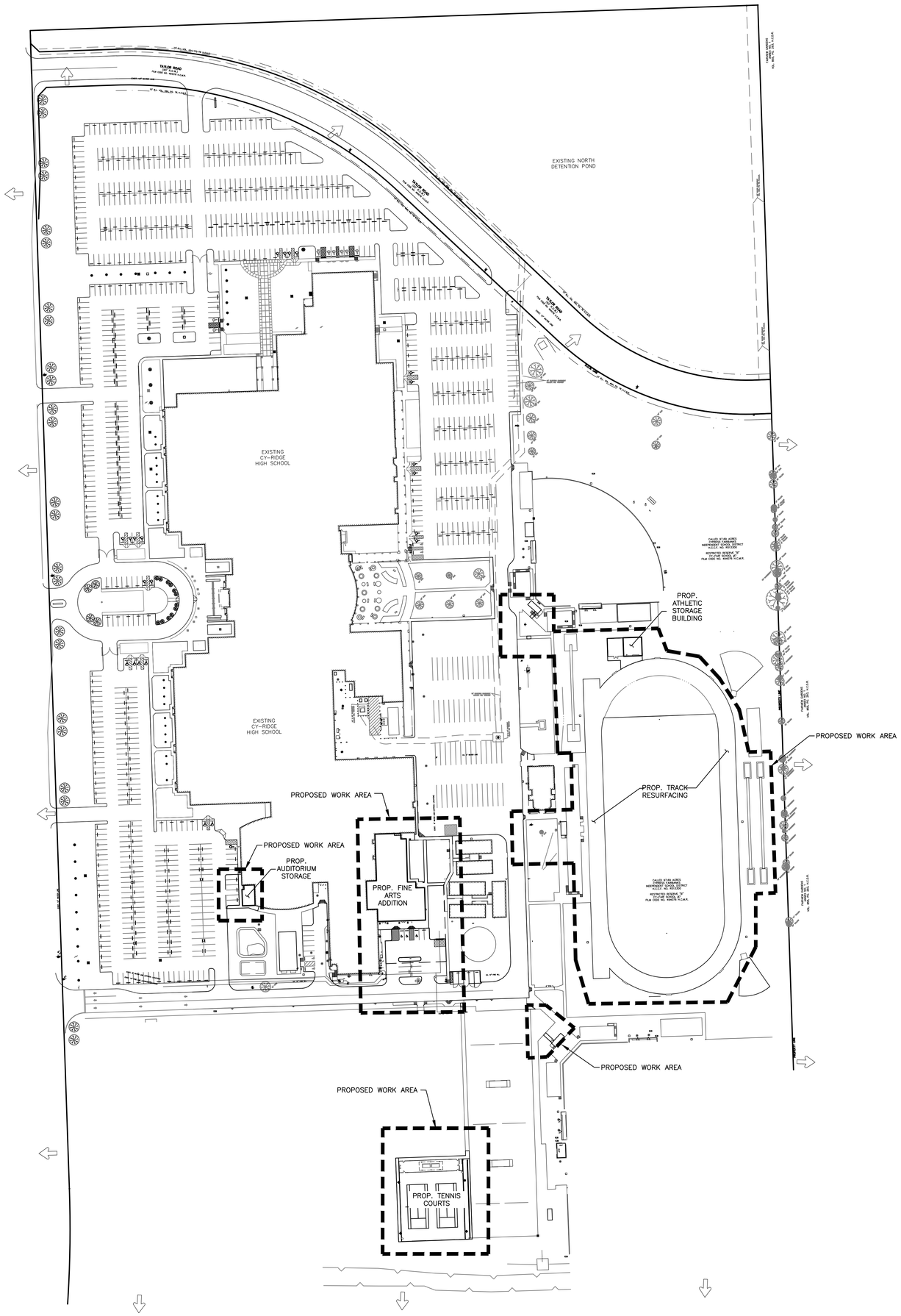

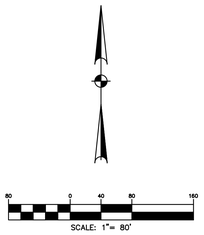

REFERENCE BENCHMARK:

RM050430 – ALUMINUM ROD WITH LOGO CAP STAMPED "RM050430" LOCATED ±28' WEST OF THE CENTERLINE OF WRIGHT ROAD AND ±10' SOUTH OF THE NORTHEAST CORNER OF 7607 WRIGHT ROAD IN THE WHITE OAK BAYOU WATERSHED IN KEY MAP 409J.
ELEVATION = 109.84' (NAVD 88, 2001 ADJ.)

TEMPORARY BENCHMARKS:

TBM "A1" – BOX CUT ON "C" INLET LOCATED ±83' SOUTHWEST OF THE SOUTH CORNER OF THE SOFTBALL PRESS BOX.
ELEVATION=116.38'

TBM "T" – BOX CUT ON CONCRETE LOCATED AT WEST ENTRANCE TO SOFTBALL FIELD ±40' NORTH OF DUGOUT.
ELEVATION=117.39'

TBM "W" – BOX CUT ON "C" INLET LOCATED ±97' SOUTHWEST FROM THE SOUTHWEST CORNER OF THE GREENHOUSE.
ELEVATION=116.14

TBM "Y" – BOX CUT ON CONCRETE LOCATED IN THE MECHANICAL AREA AT THE SOUTHWEST CORNER OF CHILLER.
ELEVATION=119.30'

TBM "R" – BOX CUT ON CORNER OF CONCRETE SIDEWALK LOCATED AT THE SOUTHEAST CORNER OF TENNIS COURTS.
ELEVATION=117.89'

TBM "U" – BOX CUT ON "C" INLET LOCATED ±80' SOUTHWEST FROM THE SOUTHWEST CORNER OF CONCESSION STAND.
ELEVATION=116.18'

TBM "V" – BOX CUT ON MOST NORTHERLY LIGHT STANDARD LOCATED IN THE PARKING LOT WEST OF THE TEMPORARY BUILDINGS.
ELEVATION=119.68'

FLOODPLAIN NOTE:

ACCORDING TO F.I.R.M. MAP NO. 48201C0440N (COMMUNITY–PANEL NO. 4802870440N), MAP REVISED DATE: NOVEMBER 15, 2019. THE SUBJECT PROPERTY LIES WITHIN THE AREA DESIGNATED AS ZONE "X" UNSHADED, DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

LEGEND:

OFFSITE SHEET FLOW

DETENTION SUMMARY

DETENTION FOR THIS PROJECT IS PROVIDED IN EXISTING DETENTION POND (SURPLUS VOLUME) IN PLANS PREPARED BY: BROOKS AND SPARKS, INC.
TITLED: CY–FAIR ISD DETENTION BASIN REHABILITATION TO SERVE CY–RIDGE HIGH SCHOOL
DATED: NOVEMBER 2020
HC PROJECT NO.: 2009220102
APPROVAL DATE: 12/03/20
HCFCD PROJECT NO.: 2009550096
APPROVAL DATE: 10/26/20

TOTAL INCREASED IMPERVIOUS COVER =	0.453	ACRES
HARRIS COUNTY DETENTION RATE =	0.75	AC.FT./AC.
TOTAL DETENTION REQUIRED =	0.34	AC.FT.
TOTAL SURPLUS DETENTION AVAILABLE TO BE UTILIZED FROM EXISTING POND=	7.60	AC.FT.
REMAINING DETENTION VOLUME TO BE UTILIZED POST PROJECT=	7.26	AC.FT.

NO ADDITIONAL DETENTION STORAGE VOLUME NEEDED AS PART OF THIS PROJECT.

STORM WATER QUALITY SUMMARY

STORM WATER QUALITY PROVIDED BY EXISTING PERMANENT FLOATABLE COLLECTION SCREEN INSTALL AND REHABILITATED IN 2020.

STORM WATER QUALITY PERMIT NO.: 2009220102–AMD–001

THEREFORE, NO ADDITIONAL STORM WATER QUALITY IS REQUIRED FOR THIS PROJECT.

Page/

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IN ASSOCIATION WITH:
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ARCHITECTS

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KEYPLAN

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REVISION	DESCRIPTION	DATE

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BROOKS & SPARKS, INC.
F-880

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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33AC23221	
DRAWN BY	CHECKED BY
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
CIVIL SITE PLAN

SHEET NUMBER
C1.02

05 Dec 2024 9:16AM GregL
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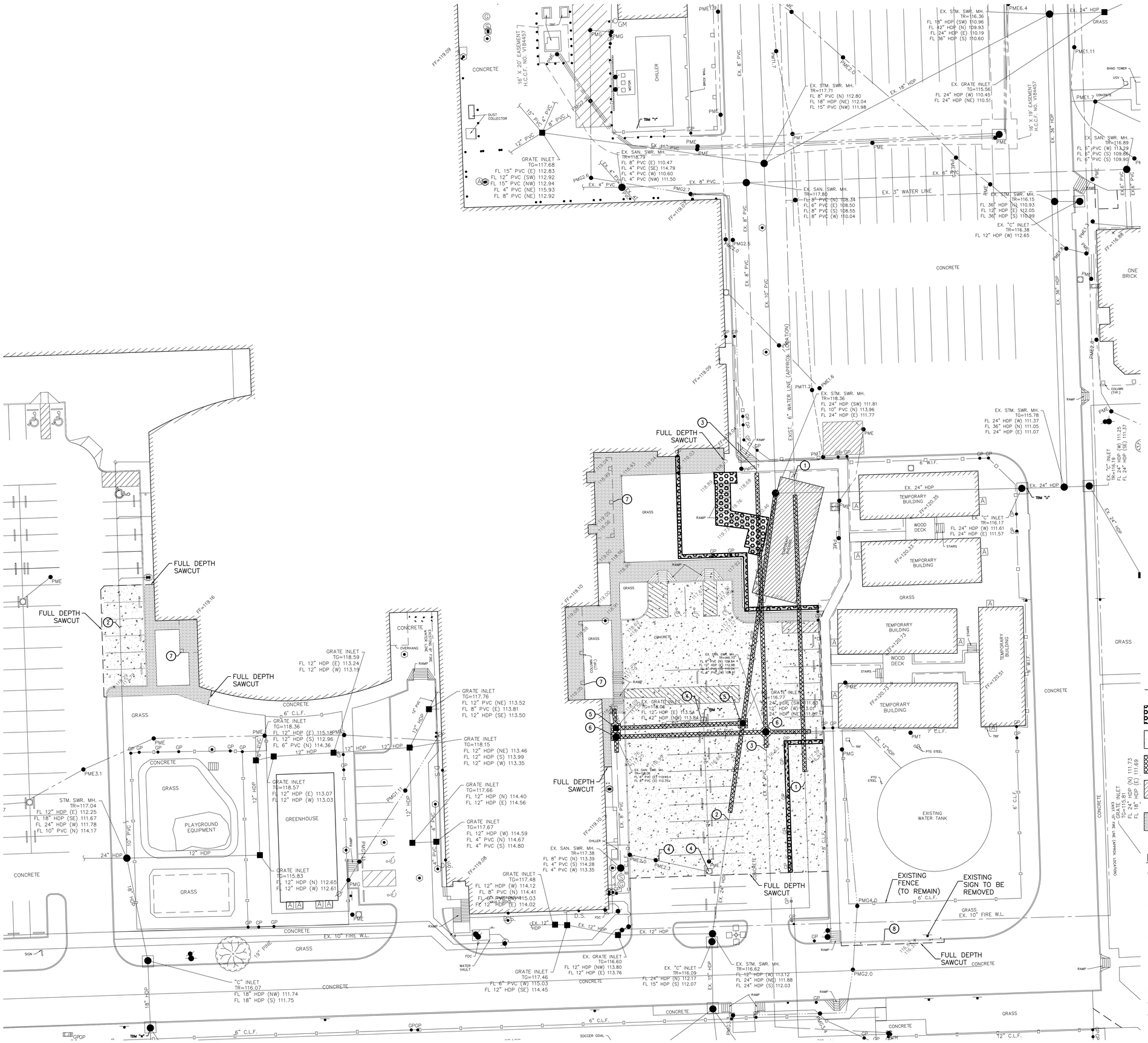

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ELEVATION=116.18'

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ELEVATION=119.68'

FLOODPLAIN NOTE:

ACCORDING TO F.I.R.M. MAP NO. 48201C0440N (COMMUNITY–PANEL NO. 4802870440N), MAP REVISED DATE: NOVEMBER 15, 2019. THE SUBJECT PROPERTY LIES WITHIN THE AREA DESIGNATED AS ZONE "X" UNSHADED, DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

LEGEND:

- PROP. FULL DEPTH SAWCUT
- EXISTING MISCELLANEOUS EQUIPMENT/FENCING TO BE REMOVED.
- EXISTING CONCRETE PAVEMENT, CURB, SIDEWALK AND SLAB TO BE REMOVED.
- EXISTING UTILITIES TO BE REMOVED (CONTRACTOR TO COORDINATED REMOVAL WITH ARCHITECT/OWNER)
- EXISTING BUILDING TO BE REMOVED. CONTRACTOR TO COORDINATE REMOVAL WITH OWNER AND/OR ARCHITECT
- EXISTING SIDEWALK TO BE REMOVED.

KEYED NOTES:

1. PRIOR TO CONSTRUCTION CONTRACTOR TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING WATER LINE. IF CONFLICT ARISES CONTRACTOR TO CONTACT ENGINEER.
2. PRIOR TO CONSTRUCTION CONTRACTOR TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING STORM SEWER. IF CONFLICT ARISES CONTRACTOR TO CONTACT ENGINEER.
3. PRIOR TO CONSTRUCTION CONTRACTOR TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING SANITARY SEWER. IF CONFLICT ARISES CONTRACTOR TO CONTACT ENGINEER.
4. CONTRACTOR TO COORDINATE WITH MEP ENGINEER FOR REMOVAL AND RELOCATION OF EXISTING LIGHT POLE AND LIGHT POLE ELECTRICAL.
5. EXISTING STORM GRATE INLET TO BE REMOVED.
6. EXISTING SANITARY MANHOLE TO BE REMOVED.
7. EXISTING COLUMN AND CANOPY TO BE REMOVED. CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR DETAILS.
8. CONTRACTOR TO SAWCUT AND REMOVE EXISING CONCRETE CURB IN ANTICIPATION PROPOSED CONCRETE PARKING SPACES.

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LANDSCAPE/IRRIGATION
KW Landscape Architecs
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KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F-880

STATE OF TEXAS
FRANK E. BROOKS
49225
REGISTERED
PROFESSIONAL ENGINEER

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
DEMOLITION PLAN (SHEET 1 OF 2)

SHEET NUMBER
C1.03

05 Dec 2024 9:16AM Gregl
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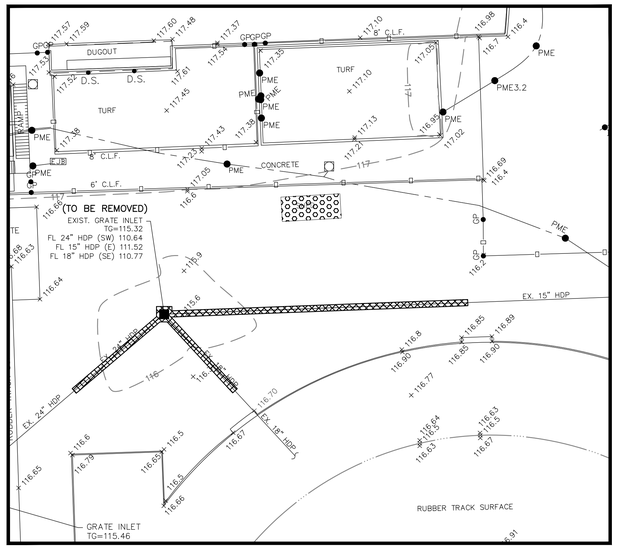

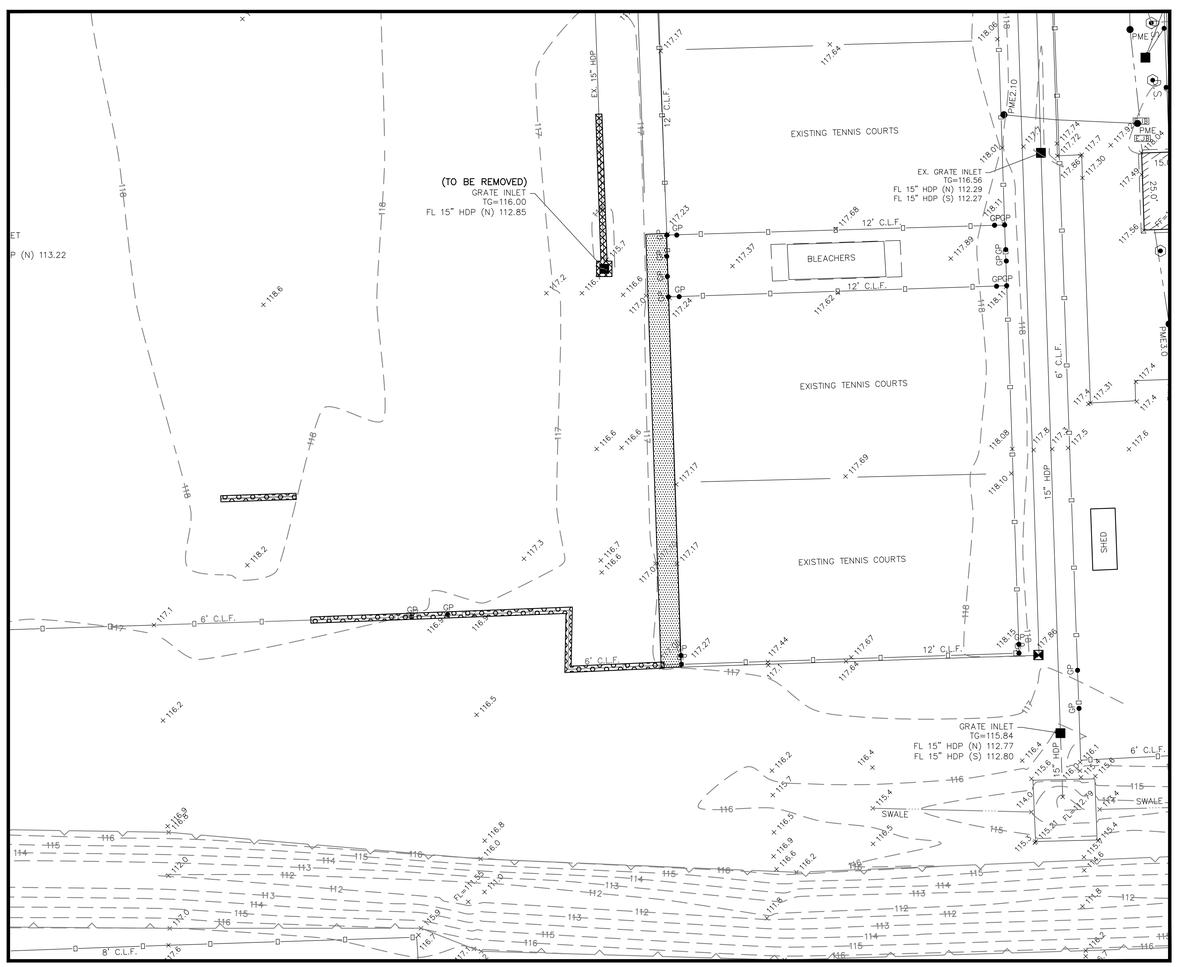

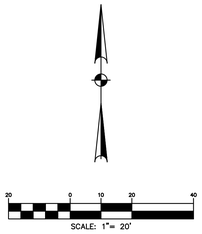

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- EXISTING SIDEWALK TO BE REMOVED.

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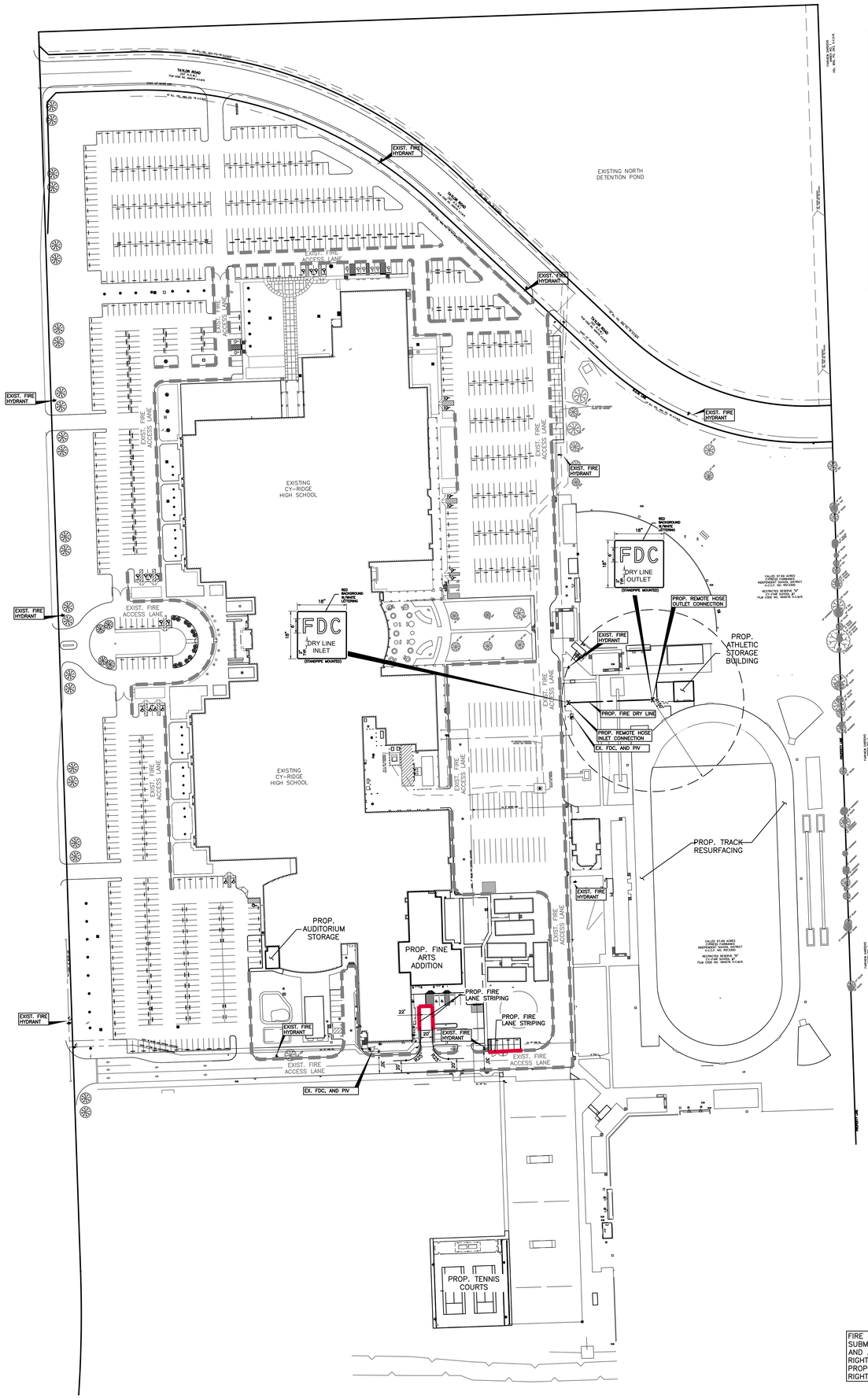
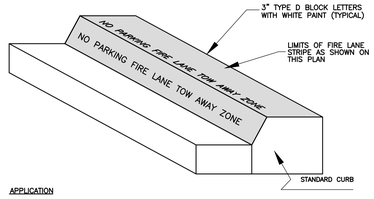


LEGEND

SYMBOL	DESCRIPTION
	EXISTING PAINT RED LANE STRIPE
	PROPOSED PAINT RED LANE STRIPE
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
A	CURBS LOCATED ON EITHER SIDE OF A FIRE LANE SHALL BE PAINTED RED OR A RED STRIPE SHALL BE PLACED ALONG THE PAVEMENT WHERE THERE IS NO CURB. WHERE A FIRE LANE PASSES BETWEEN HEAD IN PARKING SPACES, THE RED STRIPE SHOULD BE PLACED ALONG THE REAR OF THESE SPACES CLEARLY DEFINING THE FIRE LANE. PAINTED CURBS AND FIRE LANE STRIPES SHALL ALSO BE CONSPICUOUSLY AND LEGIBLY MARKED WITH THE WARNING "NO PARKING FIRE LANE TOW-AWAY ZONE" IN WHITE LETTERS AT LEAST THREE (3) INCHES IN HEIGHT, AT INTERVALS NOT EXCEEDING (50) FEET. WHERE FIRE LANES ARE NOT CLEARLY DEFINED BY CURB/PAVEMENT STRIPING, FIRE LANE SIGNS ARE REQUIRED. FIRE LANE SIGNS SHOULD BE PLACED EVERY (75) FEET, ALTERNATING PLACEMENT OF SIGNS ON EACH SIDE OF FIRE ACCESS LANE.
B	ANY COLOR OTHER THAN RED MAY BE USED IN "NO PARKING" AREAS THAT ARE NOT APPROVED FIRE LANES. RED COLORED CURBS; PAVEMENT STRIPING OR WHEEL STOPS SHALL BE USED ONLY TO DESIGNATE APPROVED FIRE LANES. THE PLANS WILL BE APPROVED WITH THE CIVIL SITE-PLAN REVIEW BUT MAY BE REVISED AT FIRE CODE REVIEW, BY THE BUILDING OFFICIAL.



APPLICATION

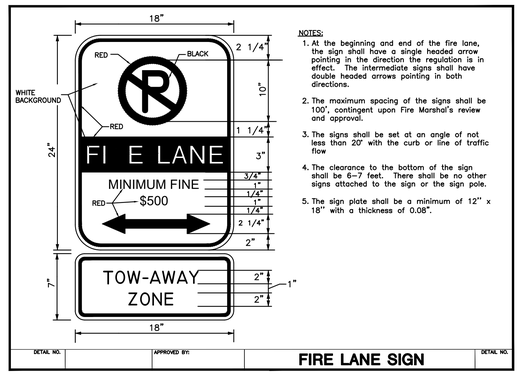
1. STANDARD 6" CURB:
   PAINT RED LANE STRIPE ON BOTH FACE AND TOP OF CURB PAINT WHITE LETTERS ON FACE AND TOP OF CURB ONLY.
2. LOW CURB (HEADER CURB OR NO CURB):
   PAINT RED LANE STRIPE AND WHITE LETTERS ON TOP OF HEADER CURB OR PAVEMENT.
3. DESIGNATED CURBS SHALL BE PAINTED "RED" CURBS SHALL BE CONSPICUOUSLY AND LEGIBLY MARKED WITH THE WARNING "NO PARKING FIRE LANE TOW-AWAY ZONE" LETTERS AT LEAST 3" IN HEIGHT, AT INTERVALS NOT EXCEEDING 50'.
4. DESIGNATED STRIPE ON PAVEMENT SHALL BE PAINTED "RED". STRIPES SHALL BE CONSPICUOUSLY AND LEGIBLY MARKED WITH THE WARNING "NO PARKING FIRE LANE TOW-AWAY ZONE" IN WHITE LETTERS AT LEAST 3" IN HEIGHT, AT INTERVALS NOT EXCEEDING 50'.

FIRE LANE DETAIL
N.T.S.

FIRE LANE STRIPING AND SIGN REQUIREMENTS:

FIRE LANE/FIRE ACCESS ROADS SHALL BE MARKED ON THE CURBS OR PAVEMENT WITH A RED STRIPE 4" IN HEIGHT AND STENCILED EVERY FIFTY FEET IN WHITE LETTERS AT LEAST 3" IN HEIGHT WITH THE WORDS "NO PARKING FIRE LANE TOW-AWAY ZONE" SO AS TO PREVENT PARKING IN THE AREA.

NOTE: WHERE STRIPING IS NOT PRACTICAL AN APPROVED FIRE LANE SIGN SHALL BE PLACED EVERY (75) FEET.

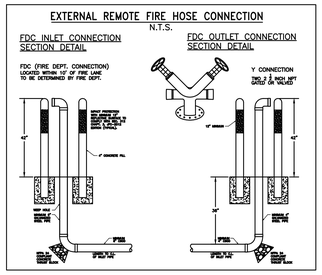


NOTES:

1. At the beginning and end of the fire lane, the sign shall have a single headed arrow pointing in the direction the regulation is in effect. The intermediate signs shall have double headed arrows pointing in both directions.
2. The maximum spacing of the signs shall be 100', contingent upon Fire Marshal's review and approval.
3. The signs shall be set at an angle of not less than 20' with the curb or line of traffic flow
4. The clearance to the bottom of the sign shall be 6-7 feet. There shall be no other signs attached to the sign or the sign pole.
5. The sign plate shall be a minimum of 12" x 18" with a thickness of 0.08".

FIRE LINE NOTE: UNDERGROUND FIRE LINES MUST BE SUBMITTED TO FIRE PROTECTION GROUP FOR REVIEW AND A NOTIFICATION OF CONSTRUCTION IN RIGHT-OF-WAY PERMIT WILL BE REQUIRED FOR THE PROPOSED WORK WITHIN HARRIS COUNTY RIGHT-OF-WAY

EXTERNAL REMOTE FIRE HOSE CONNECTION
N.T.S.



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FRANK E. BROOKS
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FIRE ACCESS PLAN

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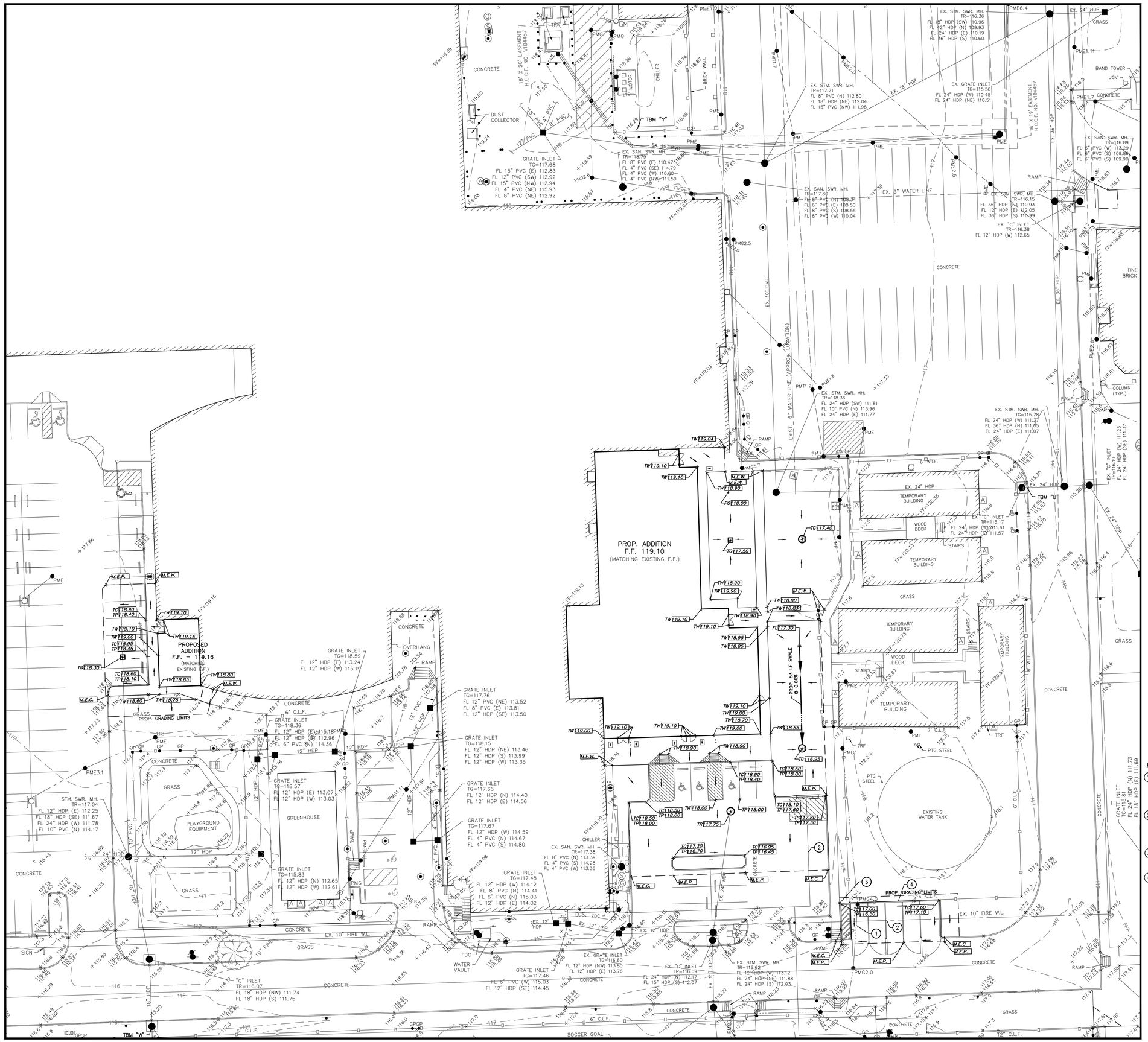

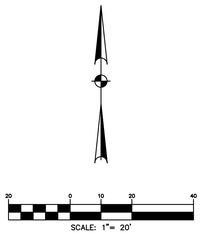

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LEGEND:

□	PROPOSED GRATE/CURB INLET
◎	PROPOSED STORM SEWER MANHOLE WITH GRATE TOP
TC 118.95	PROPOSED TOP OF CURB ELEV.
TP 119.45	PROPOSED TOP OF PAVEMENT ELEV.
TR 118.00	PROPOSED TOP OF RIM ELEV.
TW 118.80	PROPOSED TOP OF WALK ELEV.
FL 117.85	PROPOSED FLOWLINE ELEV.
FG 118.00	PROPOSED FINISHED GRADE ELEV.
TG 117.40	PROPOSED TOP OF GRATE ELEV.
M.E.C.	MATCH EXIST. CURB & GUTTER
M.E.P.	MATCH EXIST. PAVEMENT
M.E.W.	MATCH EXIST. WALK
→	DIRECTION OF FLOW

KEY NOTES:

1. CONTRACTOR TO USE EXTREME CAUTION WORKING NEAR EXISTING GAS LINE. CONTRACTOR TO BE RESPONSIBLE TO REPAIR AND/OR REPLACE ANY DAMAGED DONE TO EXISTING GAS LINE DURING CONSTRUCTION.
2. CONTRACTOR TO MAKE NOTE OF EXISTING WATER LINE IN THE AREA. CONTRACTOR TO BE RESPONSIBLE TO REPAIR AND/OR REPLACE ANY DAMAGED DONE TO EXISTING WATER LINE DURING CONSTRUCTION.
3. CONTRACTOR TO SET TOP OF CURB ELEVATION TO MATCH EXISTING SIDEWALK ELEVATION SO THAT PROPOSED CURB IS FLUSH WITH EXISTING SIDEWALK.
4. EXISTING FENCE TO REMAIN. CONTRACTOR TO CONSTRUCT PROPOSED CONCRETE CURB JUST SOUTH OF EXISTING FENCE. IN THE EVENT FENCE IS DAMAGED DURING CONSTRUCTION CONTRACTOR TO REPAIR AND/OR REPLACE EXISTING FENCE TO EXISTING CONDITIONS OR BETTER.

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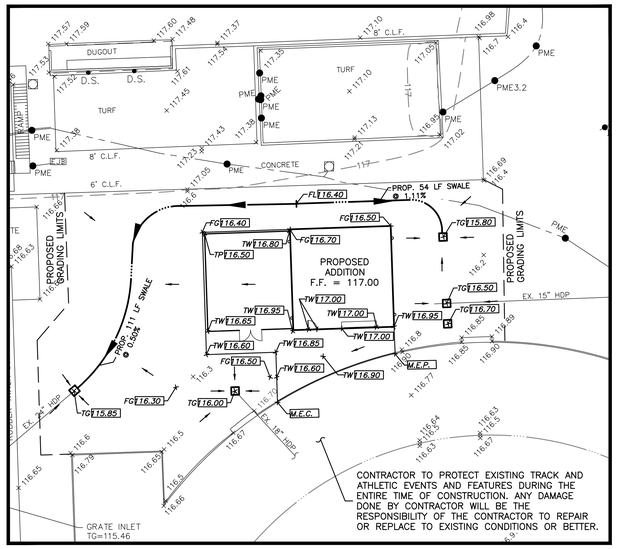

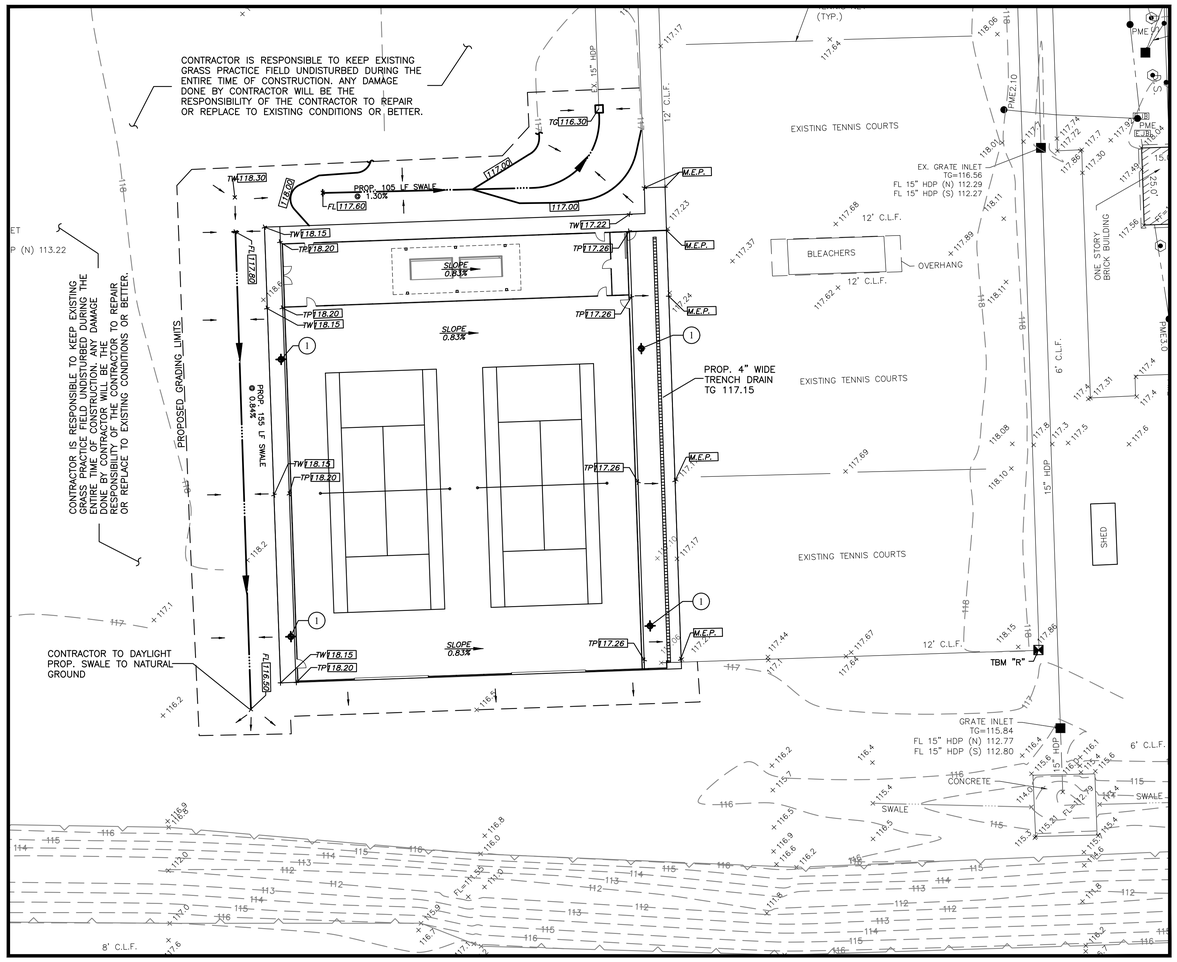

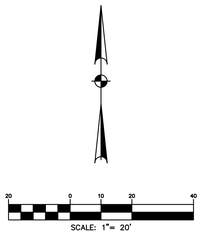

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ELEVATION=116.38'

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FLOODPLAIN NOTE:

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LEGEND:

□	PROPOSED GRATE/CURB INLET
TP 118.15	PROPOSED TOP OF PAVEMENT ELEV.
TW 118.80	PROPOSED TOP OF WALK ELEV.
FL 116.40	PROPOSED FLOWLINE ELEV.
FG 118.00	PROPOSED FINISHED GRADE ELEV.
TG 116.00	PROPOSED TOP OF GRATE ELEV.
M.E.C.	MATCH EXIST. CURB & GUTTER
M.E.P.	MATCH EXIST. PAVEMENT
→	DIRECTION OF FLOW

KEYED NOTES:

1. PROPOSED TENNIS COURT LIGHT POLE. CONTRACTOR TO COORDINATE FINAL PLACEMENT OF LIGHT POLE WITH MEP ENGINEER PRIOR TO CONSTRUCTION.

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KW Landscape Architecs
6925 Portwest
Suite 110
Houston, Texas
713 629 5638

KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F-880

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
GRADING PLAN

SHEET NUMBER
C2.02

05 Dec 2024 9:17AM GregL
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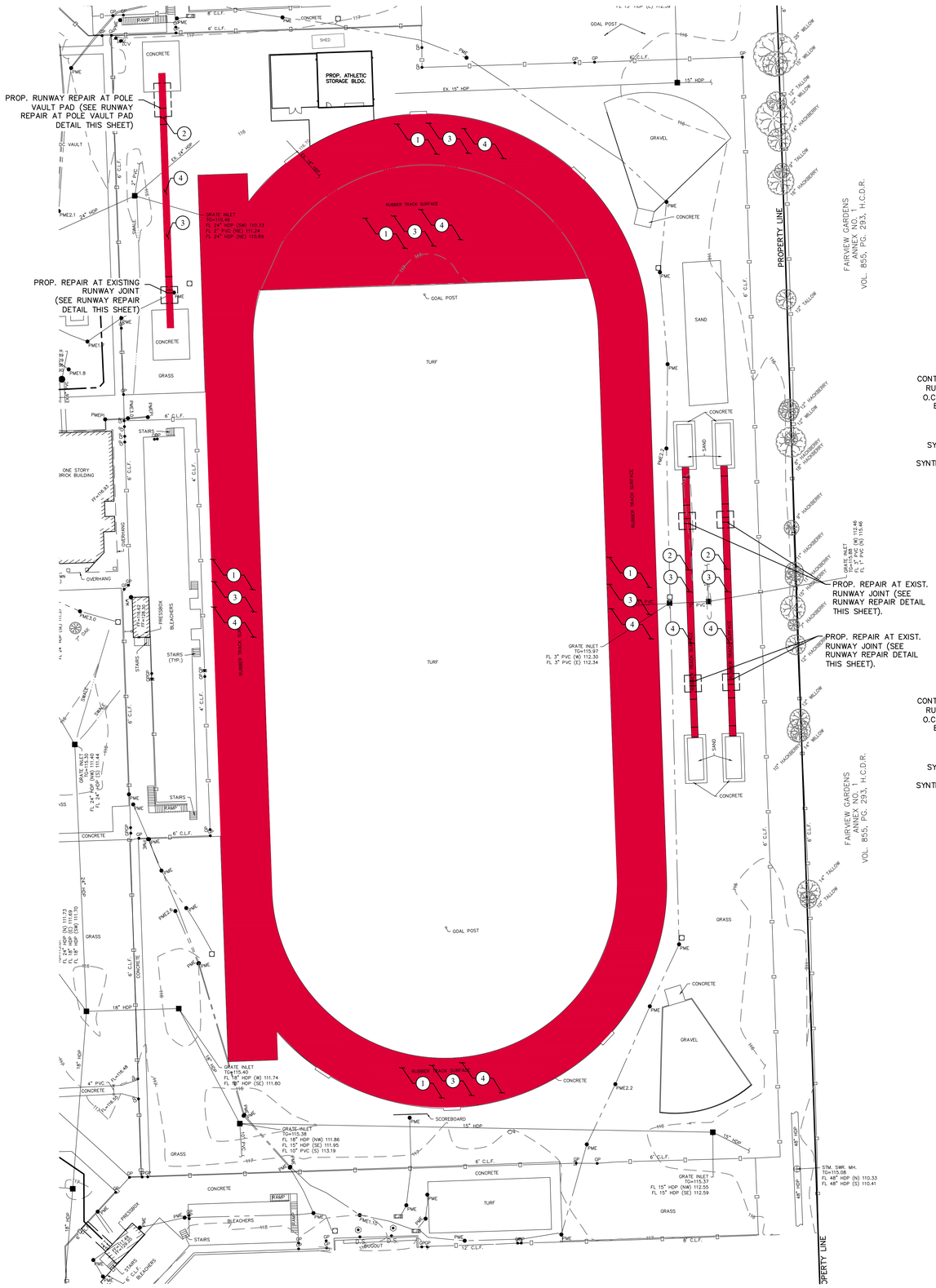
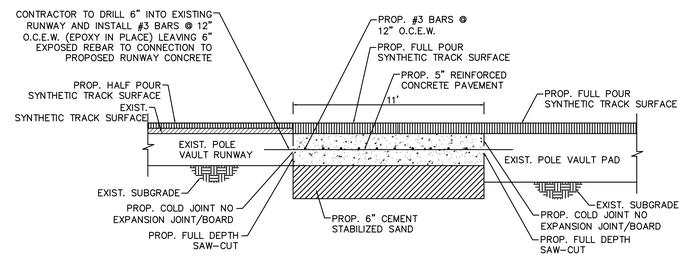
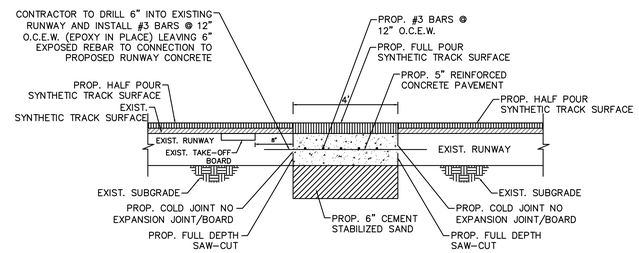




RUNWAY REPAIR AT POLE VAULT PAD DETAIL

N.T.S.



POLE VAULT/LONG JUMP RUNWAY REPAIR DETAIL

N.T.S.

HELLAS CONTACT INFO:

TONY HEATH
Business Develop Manager

Hellas
12000 West Parmer Lane
Austin, TX 78613
P: (512) 250-2910
F: (512) 250-1960
C: (281) 507-5052
Hellas.com

LEGEND:

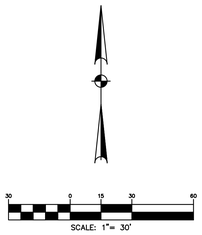
PROPOSED 5mm SYNTHETIC TRACK SURFACE INSTALLED ON EXISTING REMAINING SYNTHETIC TRACK SURFACE

NOTES TO SHEET:

1 THERE IS NO PROPOSED WATER, WASTEWATER, OR STORMWATER WORK ON THIS PLAN SHEET.

KEY NOTES:

1. CONTRACTOR TO EMPLOY HELLAS TO REMOVE TOP 5mm OF EXISTING TRACK SURFACE AND POUR (RE-TOP) NEW 5mm SYNTHETIC TRACK SURFACE OVER EXISTING REMAINING 5mm SYNTHETIC SURFACE.
2. CONTRACTOR TO EMPLOY HELLAS TO REMOVE TOP 5mm OF EXISTING LONG JUMP AND POLE VAULT SYNTHETIC SURFACES AND POUR (RE-TOP) NEW 5MM SYNTHETIC SURFACE OVER EXISTING REMAINING 5mm SYNTHETIC SURFACE UNLESS INDICATED FOR FULL POUR AT RUNWAY (SEE DETAILS THIS SHEET). CONTRACTOR TO RE-STRIPE TO EXISTING STRIPING LAYOUT. CONTRACTOR TO ENSURE EXISTING TAKE OFF-BOARDS ARE RESURFACED WITH SAME SURFACE AND COLOR OF PROPOSED RUNWAY SURFACING.
3. CONTRACTOR TO EMPLOY HELLAS TO RE-STRIPE SYNTHETIC SURFACE TO CY-FAIR ISD AND UIL STANDARDS. CONTRACTOR TO TAKE PHOTOS OF EXISTING TRACK AND RUNWAY STRIPING FOR REFERENCE PRIOR TO REMOVAL TO DOCUMENT EXISTING DIMENSIONS OF TRACK AND RUNWAY STRIPING.
4. TRACK SURFACING COMPANY SHALL INCLUDE IN THEIR PROPOSAL THE RE-STRIPING OF THE TRACK AND FIELD EVENTS BETWEEN 2 AND 4 YEARS OF TRACK RESURFACING.



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KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F-880

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TRACK RESURFACING

SHEET NUMBER
C2.03

05 Dec 2024 9:18AM Gregl
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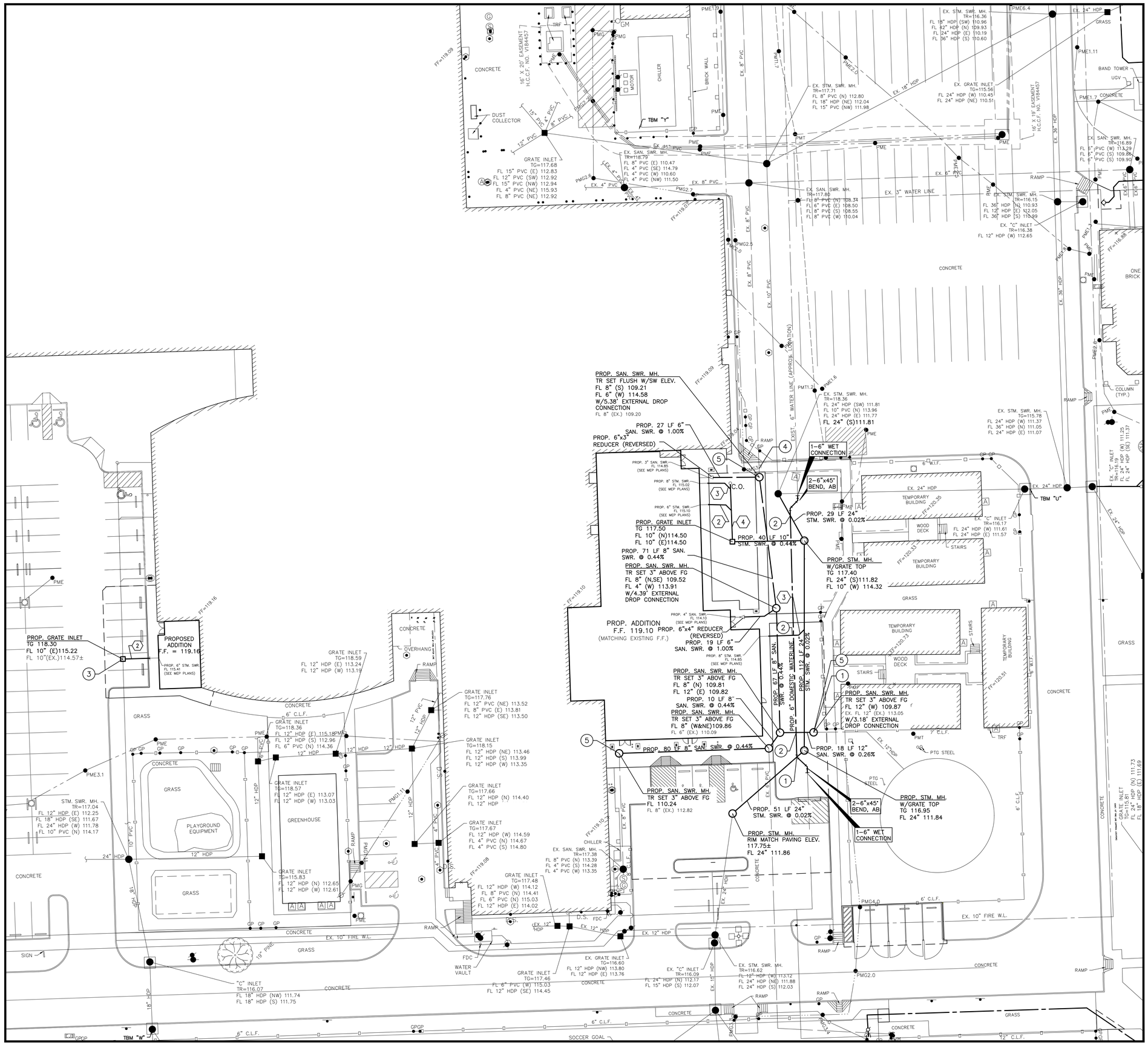

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LEGEND:

○	PROPOSED MANHOLE
◎	PROPOSED MANHOLE W/GRATE TOP
□	PROPOSED GRATE/CURB INLET
→	DIRECTION OF FLOW
FL	FLOW LINE
°C.O.	PROPOSED CLEANOUT
(1)	PROP. 4" STM. SWR. @ 1.00% MIN.
(2)	PROP. 6" STM. SWR. @ 1.00% MIN.
(3)	PROP. 8" STM. SWR. @ 1.00% MIN.

KEYED NOTES TO SHEET:

1. CONTRACTOR TO INSTALL 3.18' EXTERNAL DROP CONNECTION AT PROPOSED MANHOLE. SEE DETAIL SHEET C7.02.
2. CONTRACTOR TO PROVIDE WATER LINE OFFSET TO PROVIDE A MINIMUM 1 FOOT CLEARANCE FROM PROPOSED STORM SEWER & SANITARY SEWER CROSSINGS. IF CONFLICT EXISTS CONTRACTOR TO CONTACT ENGINEER.
3. PRIOR TO CONSTRUCTION CONTRACTOR TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING 10" STORM SEWER. IF CONFLICT EXISTS CONTRACTOR TO CONTACT ENGINEER.
4. PRIOR TO CONSTRUCTION CONTRACTOR TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING 8" SANITARY SEWER. IF CONFLICT EXISTS CONTRACTOR TO CONTACT ENGINEER.
5. CONTRACTOR TO INSTALL PROPOSED SANITARY SEWER MANHOLE ON EXISTING SANITARY SEWER WITH CORED GASKET–ED WATER TIGHT CONNECTIONS.

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KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F-880

STATE OF TEXAS
FRANK E. BROOKS
49225
REGISTERED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
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PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
UTILITY PLAN (SHEET 1 OF 3)

SHEET NUMBER
C3.01

05 Dec 2024 9:18AM GregL
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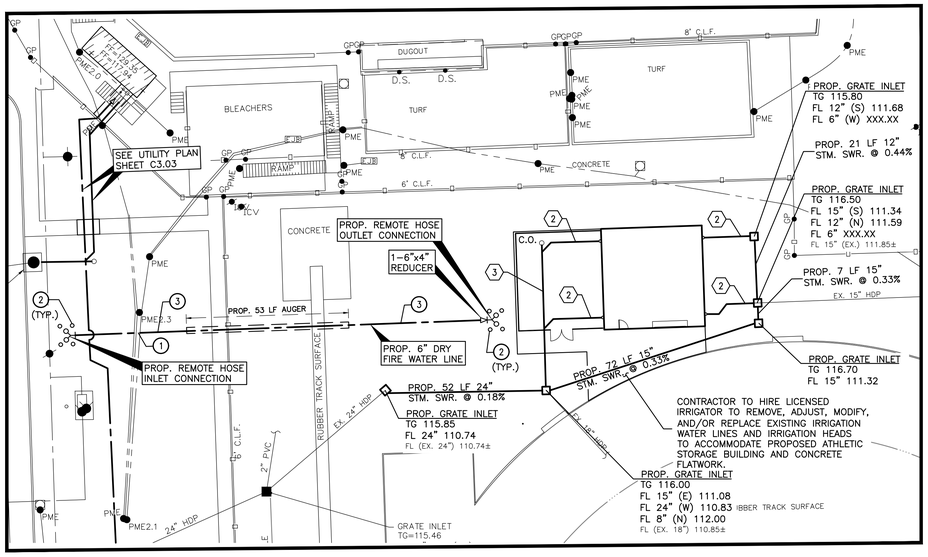

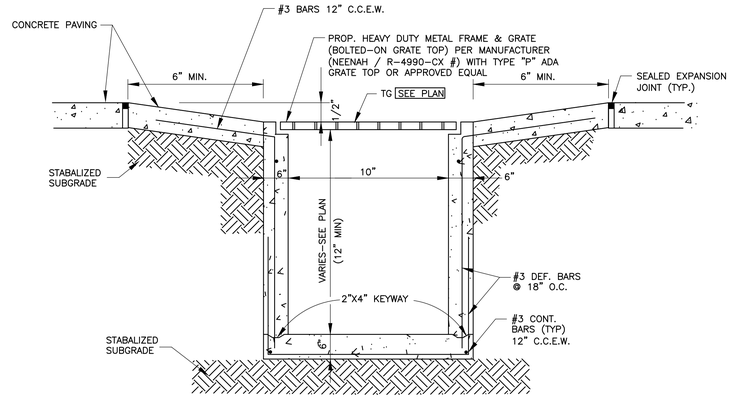

TRENCH DRAIN

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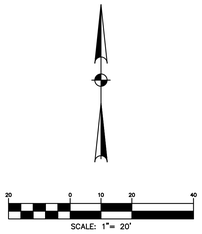

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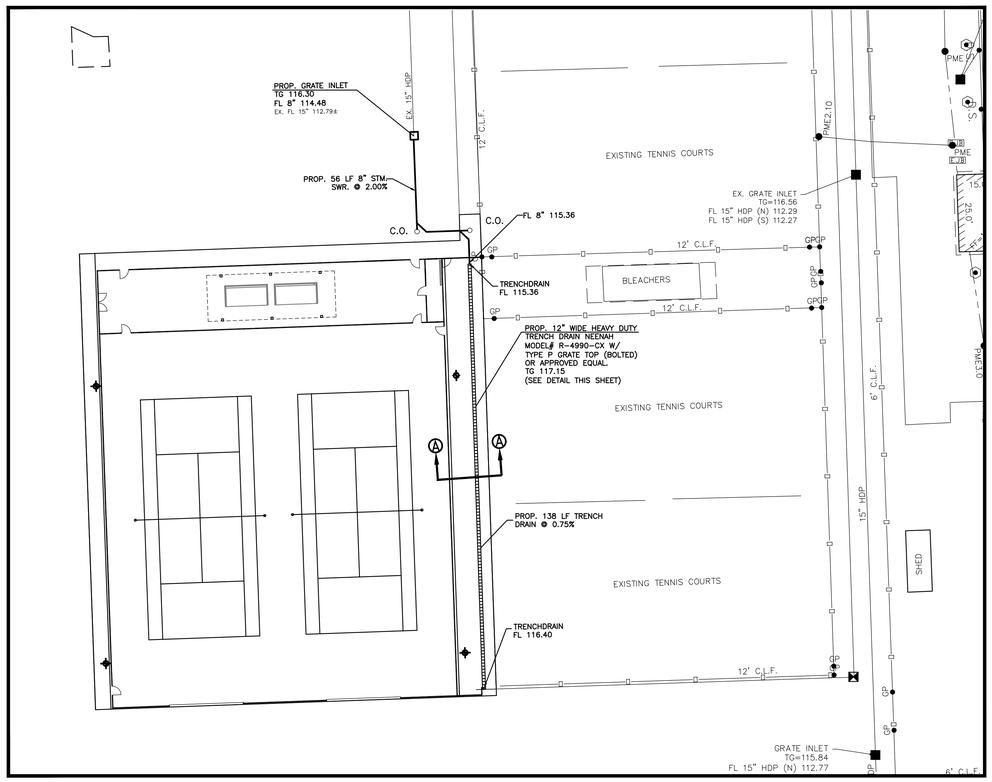

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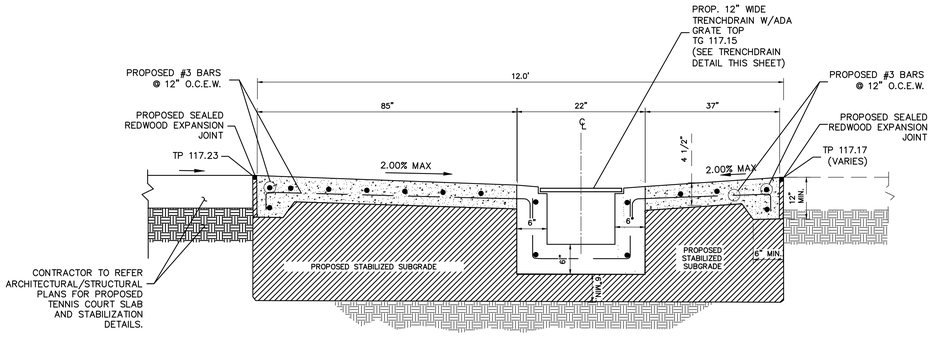
KEY NOTES:

1. PRIOR TO CONSTRUCTION CONTRACTOR TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITY. CONTRACTOR TO OFFSET PROPOSED FIRE WATER LINE UNDER EXISTING UTILITIES MAINTAIN MINIMUM 12" VERTICAL CLEARANCE.
2. PROPOSED BOLLARD (SEE DETAIL SHEET C701).
3. CONTRACTOR TO INSTALL PROPOSED FIRE WATER LINE WITH A MINIMUM 4' VERTICAL COVERAGE. IF COVERAGE CANNOT BE ACHIEVE CONTRACTOR TO CONTACT ENGINEER.



SECTION A–A

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KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
UTILITY PLAN (SHEET 2 OF 3)

SHEET NUMBER
C3.02

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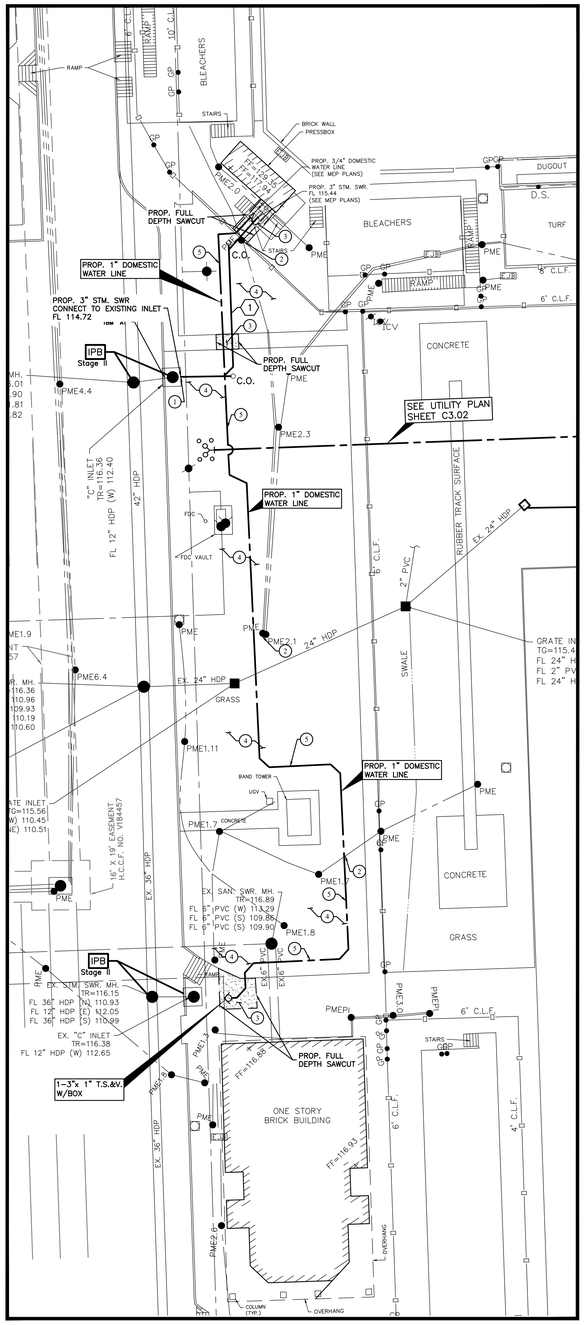
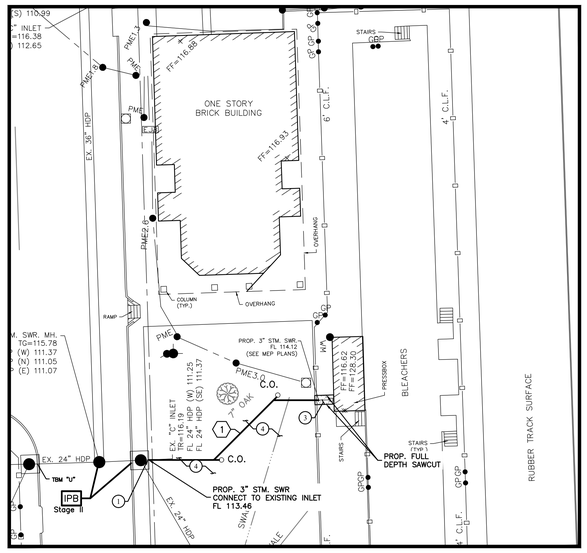
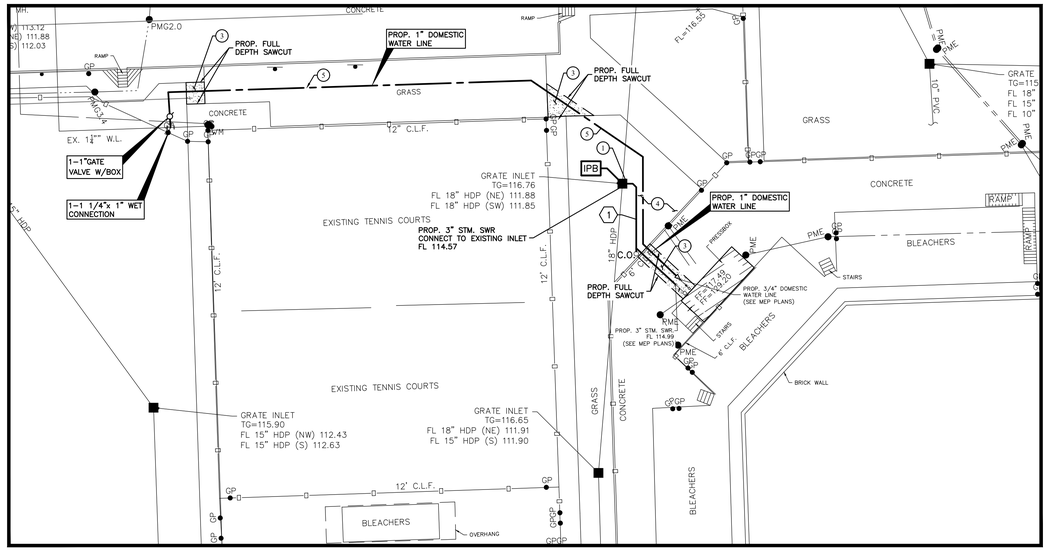


SOFTBALL PRESS BOX INSET



FOOTBALL PRESS BOX INSET



BASEBALL PRESS BOX INSET

SCALE: 1"= 20'

REFERENCE BENCHMARK:

RM050430 – ALUMINUM ROD WITH LOGO CAP STAMPED "RM050430" LOCATED ±28' WEST OF THE CENTERLINE OF WRIGHT ROAD AND ±10' SOUTH OF THE NORTHEAST CORNER OF 7607 WRIGHT ROAD IN THE WHITE OAK BAYOU WATERSHED IN KEY MAP 409J.
ELEVATION = 109.84' (NAVD 88, 2001 ADJ.)

TEMPORARY BENCHMARKS:

TBM "A1" – BOX CUT ON "C" INLET LOCATED ±83' SOUTHWEST OF THE SOUTH CORNER OF THE SOFTBALL PRESS BOX.
ELEVATION=116.38'

TBM "T" – BOX CUT ON CONCRETE LOCATED AT WEST ENTRANCE TO SOFTBALL FIELD ±40' NORTH OF DUGOUT.
ELEVATION=117.39'

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ELEVATION=116.14

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ELEVATION=119.30'

TBM "R" – BOX CUT ON CORNER OF CONCRETE SIDEWALK LOCATED AT THE SOUTHEAST CORNER OF TENNIS COURTS.
ELEVATION=117.89'

TBM "U" – BOX CUT ON "C" INLET LOCATED ±80' SOUTHWEST FROM THE SOUTHWEST CORNER OF CONCESSION STAND.
ELEVATION=116.18'

TBM "V" – BOX CUT ON MOST NORTHERLY LIGHT STANDARD LOCATED IN THE PARKING LOT WEST OF THE TEMPORARY BUILDINGS.
ELEVATION=119.68'

FLOODPLAIN NOTE:

ACCORDING TO F.I.R.M. MAP NO. 48201C0440N (COMMUNITY–PANEL NO. 4802870440N), MAP REVISED DATE: NOVEMBER 15, 2019. THE SUBJECT PROPERTY LIES WITHIN THE AREA DESIGNATED AS ZONE "X" UNSHADED, DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

LEGEND:

→	DIRECTION OF FLOW
FL	FLOW LINE
C.O.	PROPOSED CLEANOUT
(1)	PROP. 3" SCH. 40 PVC STM. SWR. @ 1.00% MIN.
IPB	INLET PROTECTION BARRIER
	PROP. 4 1/2" REINFORCED CONCRETE SIDEWALK

KEYED NOTES TO SHEET:

1. CONTRACTOR TO CONNECT PROPOSED 3" STORM SEWER TO THE EXISTING STORM INLET.
2. EXISTING UNDERGROUND POWER LINE IN PRESENT. CONTRACTOR EXERCISE CAUTION WORKING AROUND THIS AREA, IF CONFLICTS ARISE CONTACT ENGINEER.
3. CONTRACTOR TO SAWCUT EXISTING SIDEWALK AND REMOVE AND REPLACE EXISTING CONCRETE SIDEWALK TO FACILITATE STORM PIPING.
4. CONTRACTOR TO HYDRO–MULCH ALL DISTURBED AREAS. CONTRACTOR RESPONSIBLE TO IRRIGATE, FERTILIZE, MOW, AND PROVIDE WEED CONTROL TO ESTABLISH MINIMUM 85% STAND OF GRASS BEFORE FINAL ACCEPTANCE.+
5. CONTRACTOR TO INSTALL PROPOSED 1" DOMESTIC WATER LINE MINIMUM 3' BELOW FINISHED GRADE. CONTRACTOR TO OFFSET PROPOSED WATER LINE AT EXISTING AND PROPOSED UTILITIES MAINTAINING A MINIMUM 12" VERTICAL CLEARANCE.

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713-629-5638

KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F–880

STATE OF TEXAS
FRANK E. BROOKS
49225
REGISTERED
PROFESSIONAL ENGINEER

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

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33AC23221	
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BP	GVL

ORIGINAL ISSUE

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SHEET NAME

UTILITY PLAN (SHEET 3 OF 3)

SHEET NUMBER

C3.03

05 Dec 2024 9:18AM Gregl
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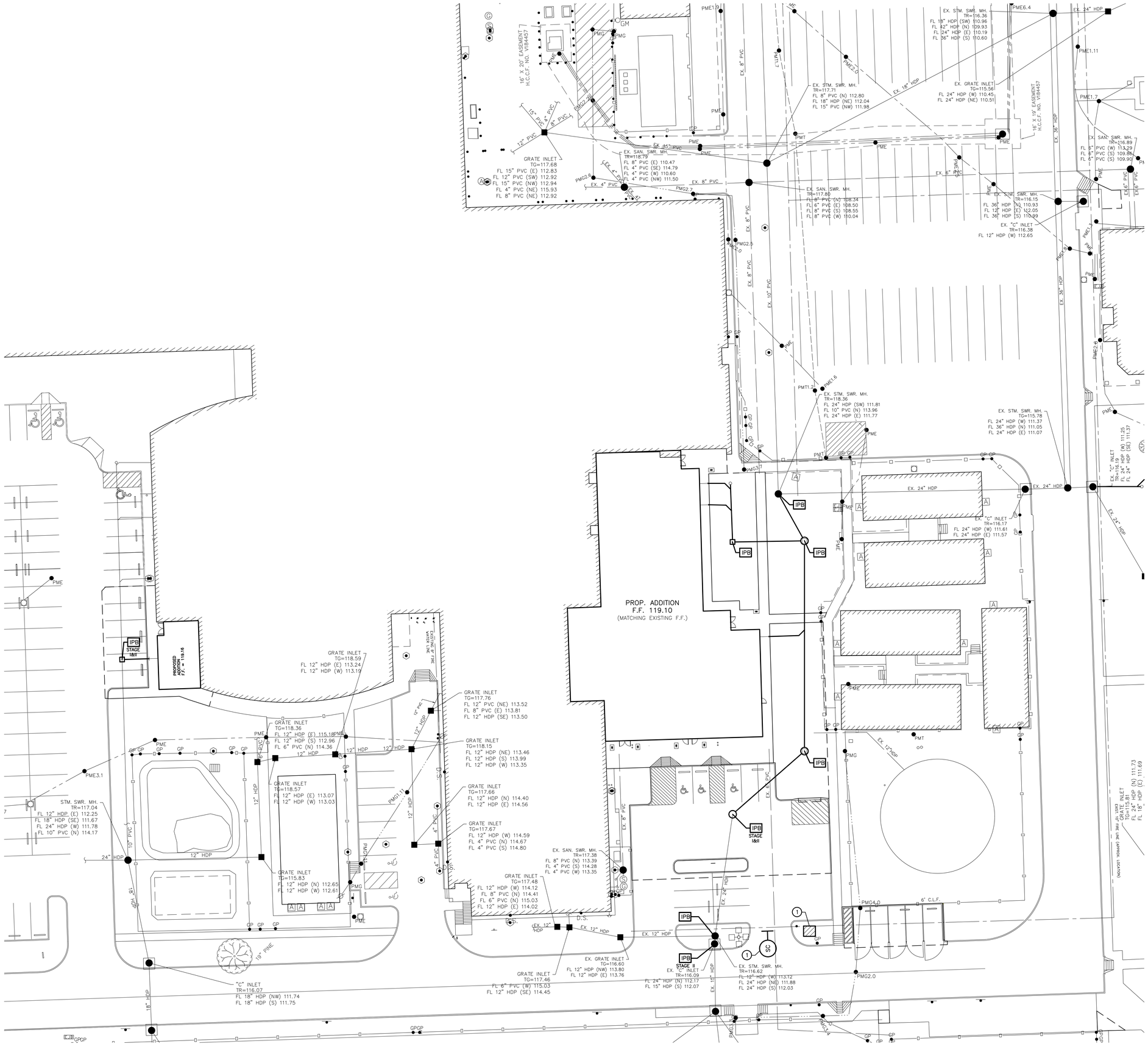

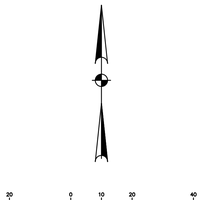

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FLOODPLAIN NOTE:

ACCORDING TO F.I.R.M. MAP NO. 48201C0440N (COMMUNITY–PANEL NO. 480287C440N), MAP REVISED DATE: NOVEMBER 15, 2019. THE SUBJECT PROPERTY LIES WITHIN THE AREA DESIGNATED AS ZONE "X" UNSHADED, DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

LEGEND:

- PROPOSED INLET
- FF — PROPOSED FILTER FABRIC FENCE (SILT FENCE)
- SC — STABILIZED CONSTRUCTION ACCESS
- IPB — INLET PROTECTION BARRIER
- IPB STAGE II — INLET PROTECTION BARRIER (CURB INLET/INLET IN PAVEMENT)
- CONCRETE WASHOUT PIT

CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION, MAINTENANCE, MODIFICATION AND INSPECTION OF STORM WATER POLLUTION PREVENTION DEVICES AND STRUCTURES TO ENSURE NO SILT OR CONTAMINATED WATER LEAVES THE PROJECT SITE.

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LANDSCAPE/IRRIGATION
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6925 Portwest
Suite 100
Houston, Texas
77072 9.5638

KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F-880

STATE OF TEXAS
FRANK E. BROOKS
49225
REGISTERED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
STORM WATER POLLUTION PREVENTION PLAN (SHEET 1 OF 2)

SHEET NUMBER
C3.04

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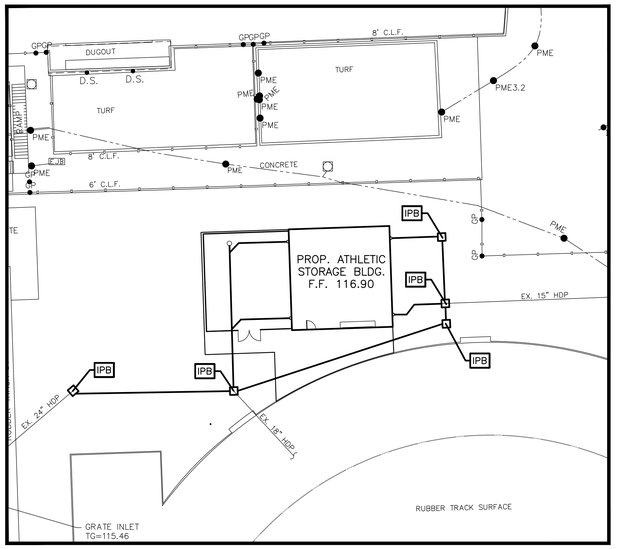

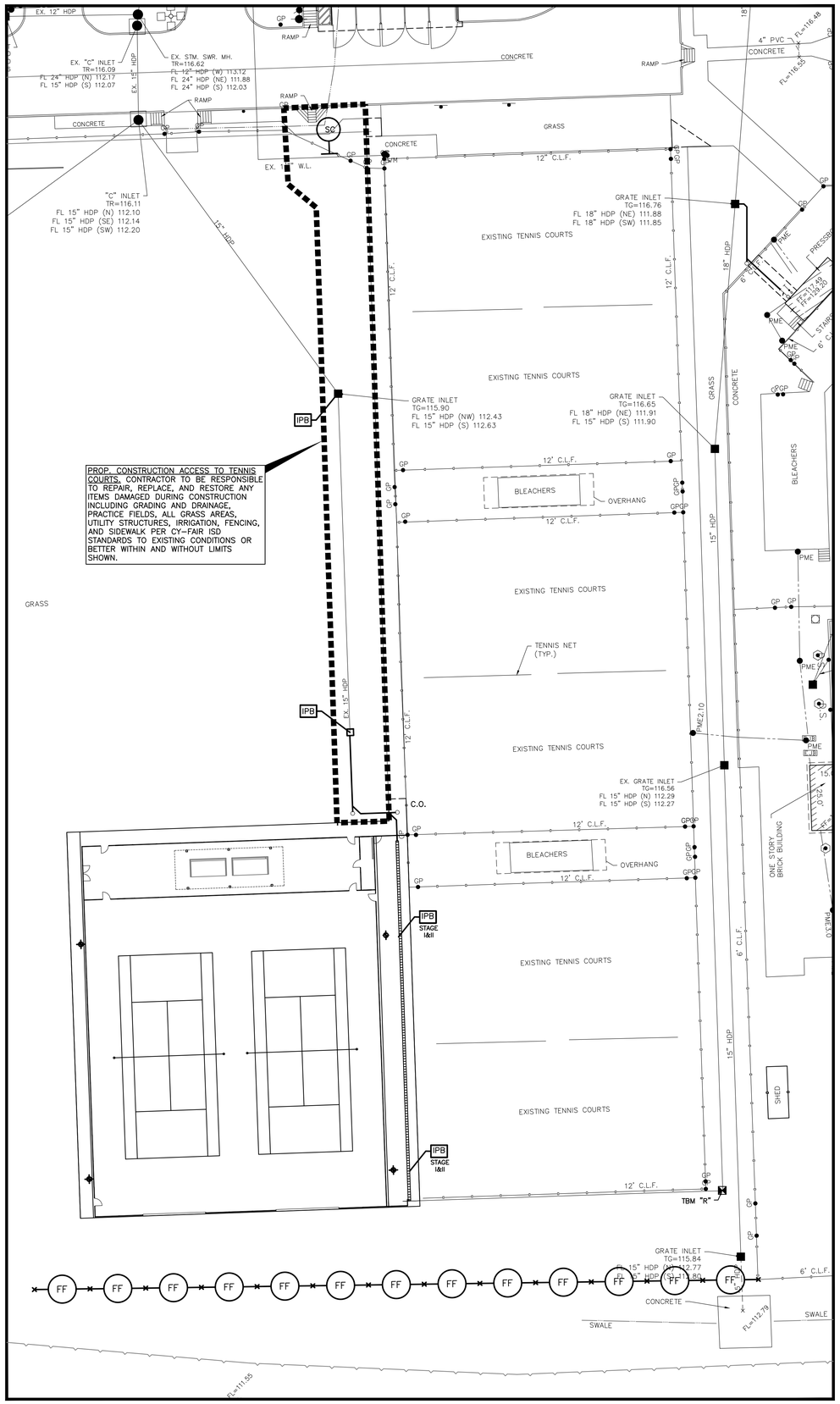

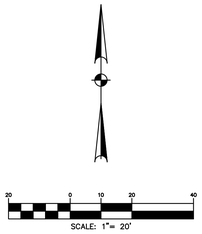

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FLOODPLAIN NOTE:

ACCORDING TO F.I.R.M. MAP NO. 48201C0440N (COMMUNITY-PANEL NO. 4802870440N), MAP REVISED DATE: NOVEMBER 15, 2019. THE SUBJECT PROPERTY LIES WITHIN THE AREA DESIGNATED AS ZONE "X" UNSHADED, DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

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- CONCRETE WASHOUT PIT

KEY NOTES:

1. CONTRACTOR TO COORDINATE FINAL PLACEMENT OF STABILIZED CONSTRUCTION ENTRANCE AND WASH OUT PIT WITH CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT.

CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION, MAINTENANCE, MODIFICATION AND INSPECTION OF STORM WATER POLLUTION PREVENTION DEVICES AND STRUCTURES TO ENSURE NO SILT OR CONTAMINATED WATER LEAVES THE PROJECT SITE.

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KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F-880
STATE OF TEXAS
FRANK E. BROOKS
49225
REGISTERED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	**CHECKED BY**
BP	GVL

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

STORM WATER POLLUTION PREVENTION PLAN (SHEET 2 OF 2)

SHEET NUMBER

C3.05

05 Dec 2024 9:19AM Gregl
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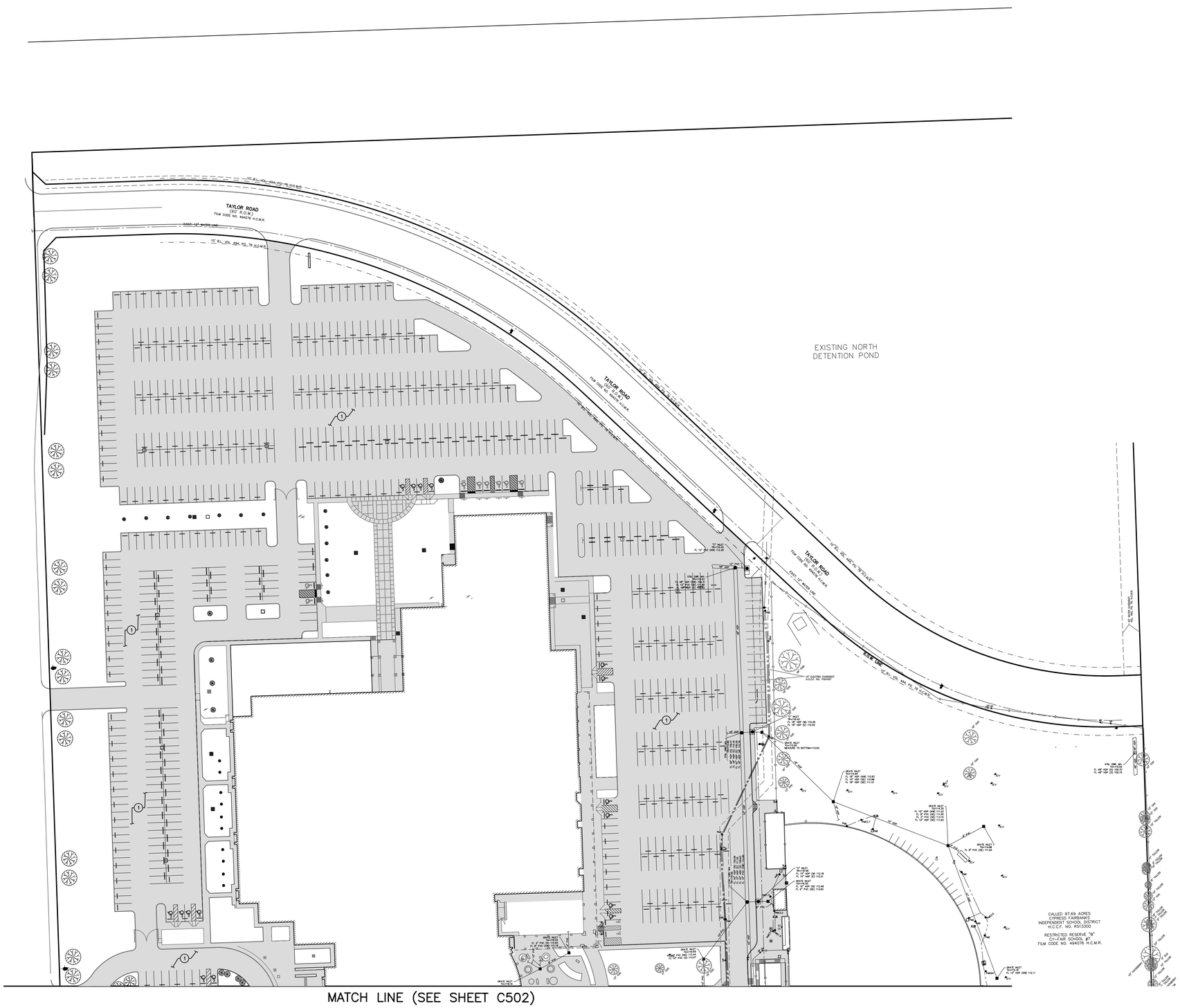

SCALE: 1"= 50'

REFERENCE BENCHMARK:

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LEGEND:

SAWED JOINT

EXPANSION JOINT

AREA OF PROPOSED PAVEMENT AND SIDEWALK JOINT SEALANT REMOVAL AND REPLACEMENT.

KEY NOTES:

1. CONTRACTOR TO REMOVE AND REPLACE EXISTING JOINT SEALANT THROUGHOUT SITE (PAVEMENT AND SIDEWALK). IN AREAS WHERE EXPANSION JOINT IS ROTTED OUT CONTRACTOR TO PROVIDE BACKER ROD PRIOR TO JOINT SEALANT REPLACEMENT (SEE DETAIL ON SHEET C5.02).

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SHEET NAME
PAVING & JOINTING PLAN (SHEET 1 OF 3)

SHEET NUMBER
C5.01

05 Dec 2024 9:19AM Gregl
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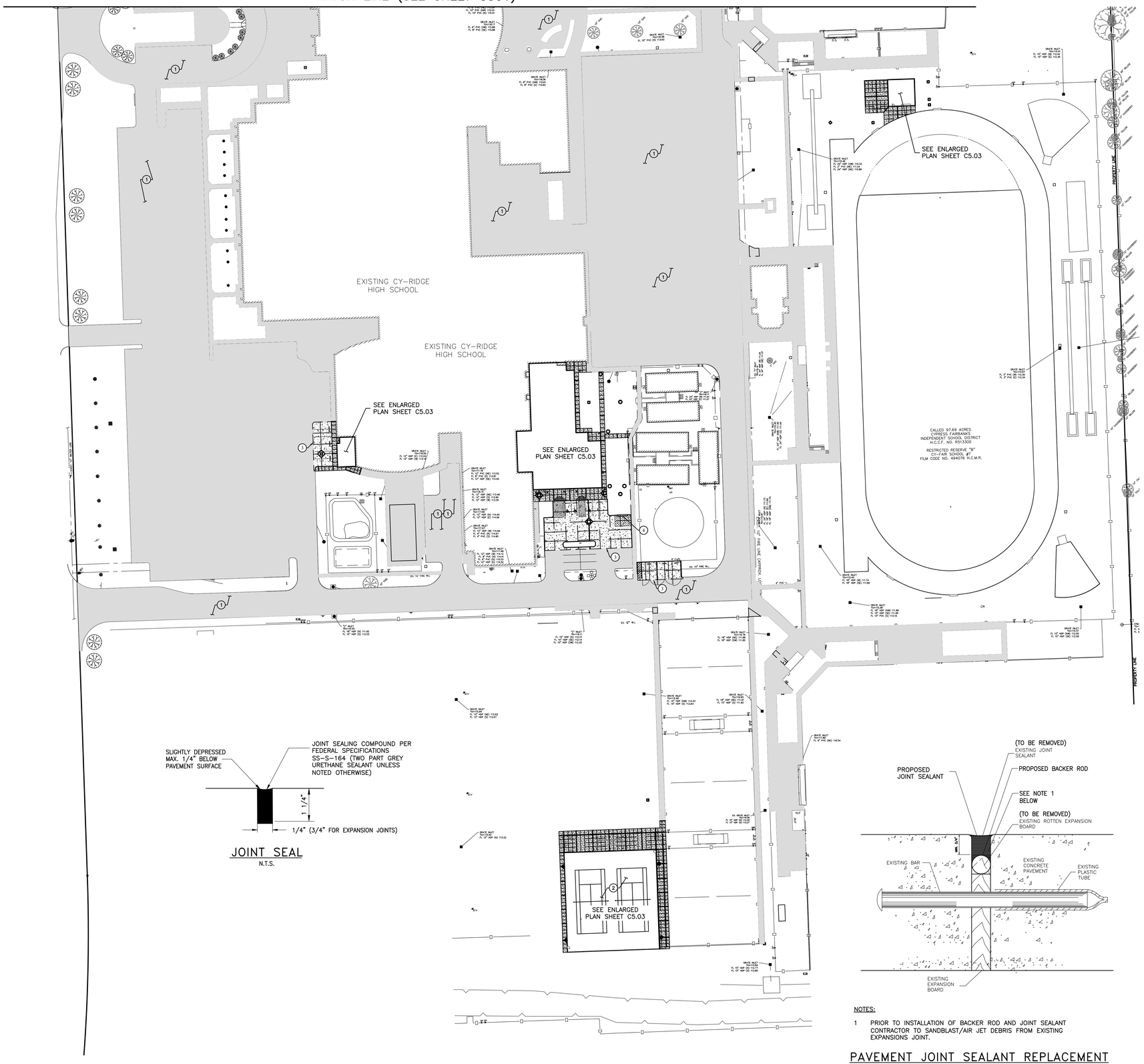
MATCH LINE (SEE SHEET C501)



JOINT SEAL

N.T.S.

NOTES:

1 PRIOR TO INSTALLATION OF BACKER ROD AND JOINT SEALANT CONTRACTOR TO SANDBLAST/AIR JET DEBRIS FROM EXISTING EXPANSIONS JOINT.

PAVEMENT JOINT SEALANT REPLACEMENT AT EXISTING EXPANSION JOINTS

N.T.S.

SCALE: 1"= 50'

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TBM "A1" – BOX CUT ON "C" INLET LOCATED ±83' SOUTHWEST OF THE SOUTH CORNER OF THE SOFTBALL PRESS BOX.
ELEVATION=116.38'

TBM "T" – BOX CUT ON CONCRETE LOCATED AT WEST ENTRANCE TO SOFTBALL FIELD ±40' NORTH OF DUGOUT.
ELEVATION=117.39'

TBM "W" – BOX CUT ON "C" INLET LOCATED ±97' SOUTHWEST FROM THE SOUTHWEST CORNER OF THE GREENHOUSE.
ELEVATION=116.14

TBM "Y" – BOX CUT ON CONCRETE LOCATED IN THE MECHANICAL AREA AT THE SOUTHWEST CORNER OF CHILLER.
ELEVATION=119.30'

TBM "R" – BOX CUT ON CORNER OF CONCRETE SIDEWALK LOCATED AT THE SOUTHEAST CORNER OF TENNIS COURTS.
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ELEVATION=119.68'

FLOODPLAIN NOTE:

ACCORDING TO F.I.R.M. MAP NO. 48201C0440N (COMMUNITY-PANEL NO. 4802870440N), MAP REVISED DATE: NOVEMBER 15, 2019. THE SUBJECT PROPERTY LIES WITHIN THE AREA DESIGNATED AS ZONE "X" UNSHADED. DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

LEGEND:

- SAWED JOINT
- EXPANSION JOINT
- AREA OF PROPOSED PAVEMENT AND SIDEWALK JOINT SEALANT REPLACEMENT.
- PROP. 6" REINFORCED CONCRETE PAVEMENT
- PROP. 4 $\frac{1}{2}$" CONCRETE SIDEWALK

NOTES:

1. LOCATE EXPANSION JOINTS AS SHOWN. SAWED JOINTS SHALL BE SPACED EVENLY BETWEEN EXPANSION JOINTS AT 15' MAXIMUM SPACING.
2. ALL CURBS TO BE 6" UNLESS OTHERWISE NOTED.
3. LINE UP JOINTS IN SIDEWALK W/ JOINTS IN PARKING LOT.
4. INSTALL EXPANSION JOINTS IN ALL DRIVEWAYS AT ROW LINE.

KEY NOTES:

1. CONTRACTOR TO REMOVE AND REPLACE EXISTING JOINT SEALANT THROUGHOUT SITE (PAVEMENT AND SIDEWALK). IN AREAS WHERE EXPANSION JOINT IS ROTTED OUT CONTRACTOR TO PROVIDE BACKER ROD PRIOR TO JOINT SEALANT REPLACEMENT (SEE DETAIL THIS SHEET).
2. CONTRACTOR TO REFER TO STRUCTURAL PLANS FOR TENNIS COURT POST TENSION SLAB AND SPECTATOR AREA PAVEMENT SPECIFICATIONS AND DETAILS.
3. CONTRACTOR TO DRILL 9" INTO EXISTING PAVEMENT AND EMBED 18" LONG #5 BAR (EPOXY IN PLACE) LEAVING 9" EXPOSING BAR TO FACILITATE CONNECTION TO PROPOSED PAVEMENT.
4. PROPOSED LAYDOWN CURB. CONTRACTOR TO REFER TO SHEET C701 FOR DETAILS.

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281 578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Houston, Texas 77024
713 526.5638

KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F-880

STATE OF TEXAS
FRANK E. BROOKS
49225
REGISTERED PROFESSIONAL ENGINEER

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

PAVING & JOINTING PLAN (SHEET 2 OF 3)

SHEET NUMBER

C5.02

05 Dec 2024 9:20AM GregL
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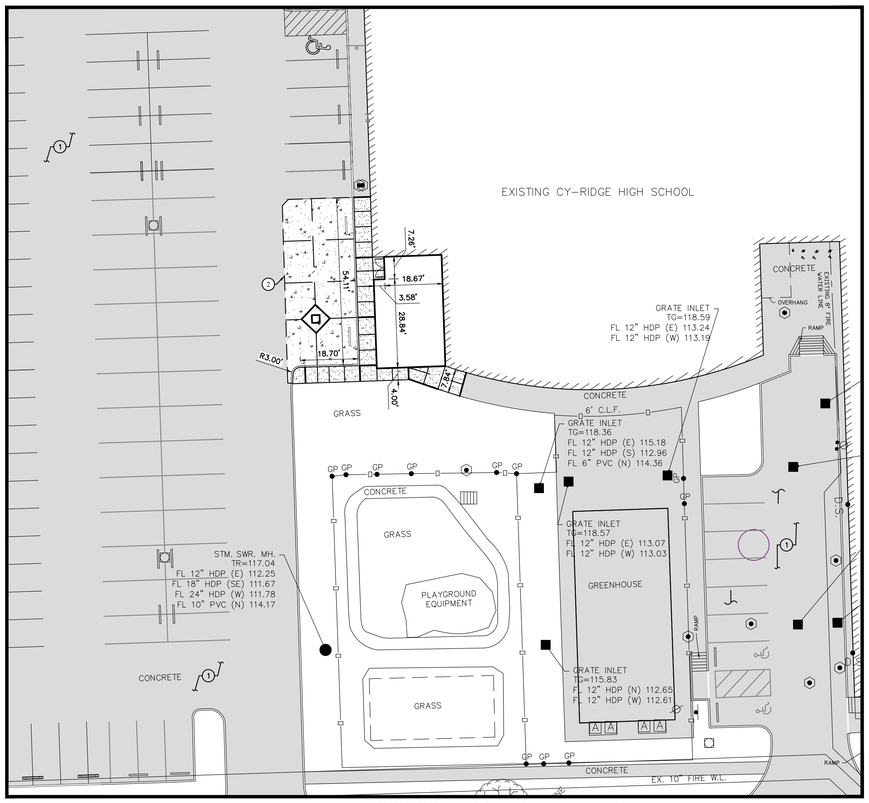

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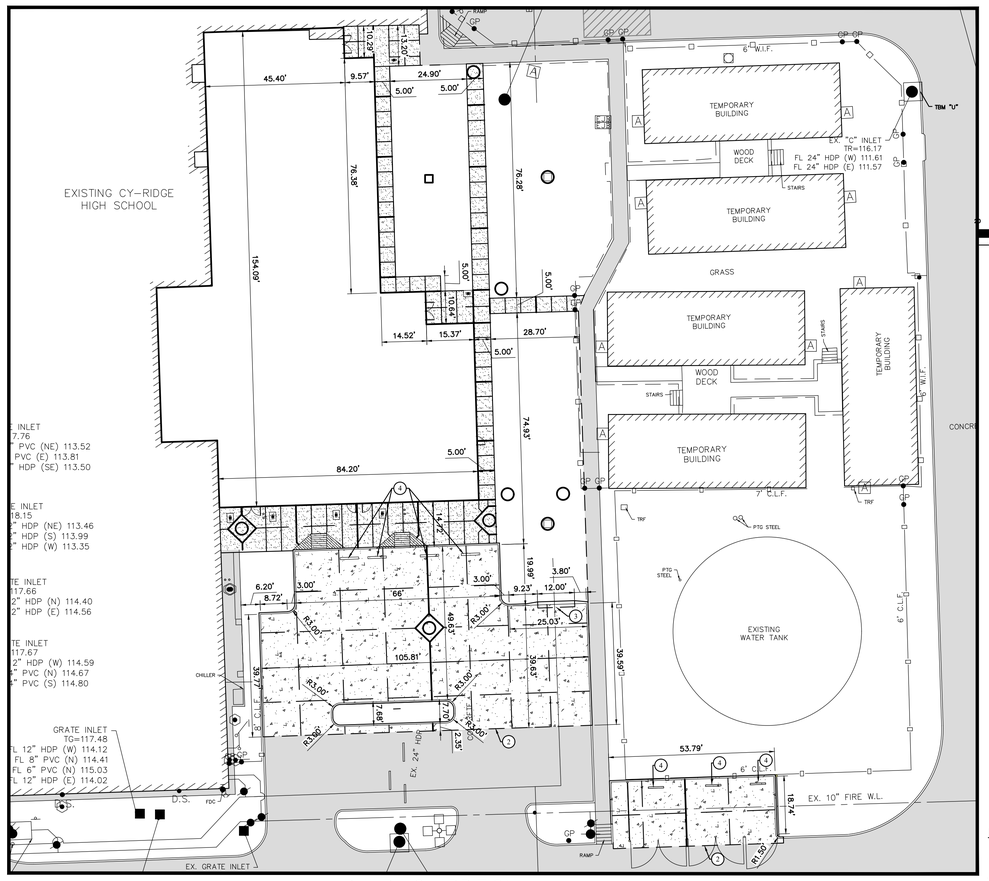
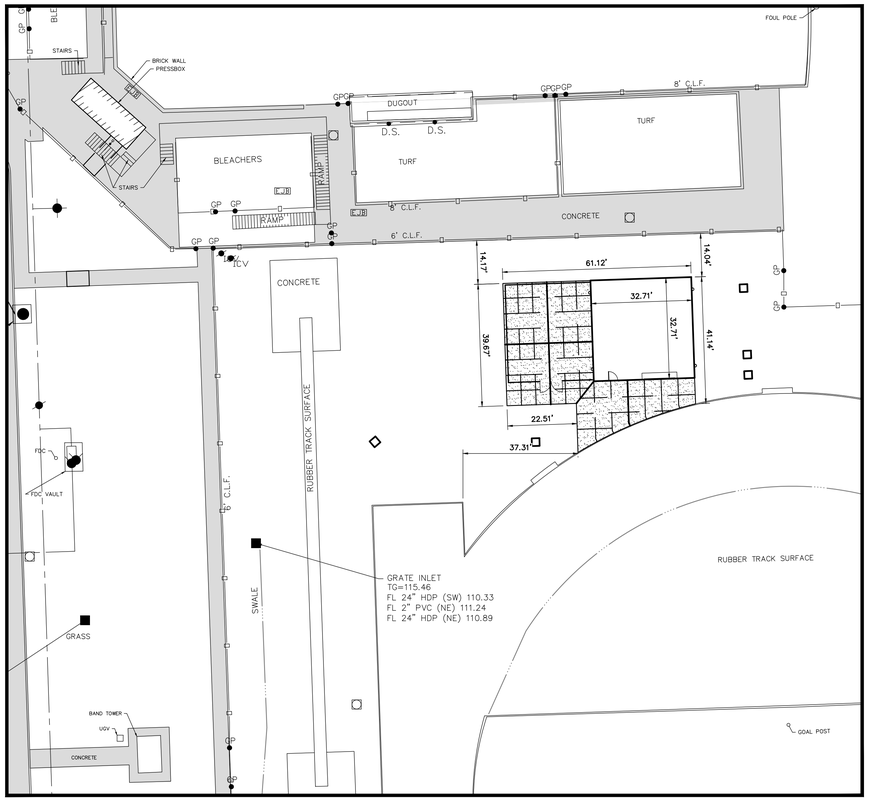
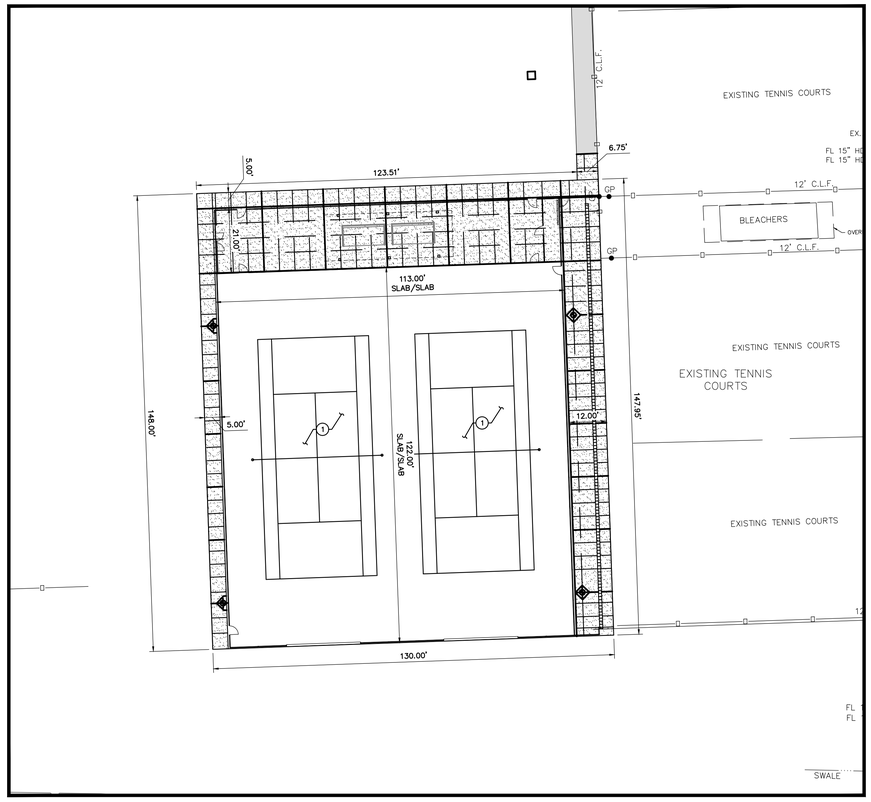


BUILDING ADDITION



ATHLETIC STORAGE



NEW TENNIS COURTS

SCALE: 1"= 20'

REFERENCE BENCHMARK:

RM050430 – ALUMINUM ROD WITH LOGO CAP STAMPED "RM050430" LOCATED ±28' WEST OF THE CENTERLINE OF WRIGHT ROAD AND ±10' SOUTH OF THE NORTHEAST CORNER OF 7607 WRIGHT ROAD IN THE WHITE OAK BAYOU WATERSHED IN KEY MAP 409J.
ELEVATION = 109.84' (NAVD 88, 2001 ADJ.)

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2. CONTRACTOR TO DRILL 9" INTO EXISTING PAVEMENT AND EMBED 18" LONG #5 BAR (EPOXY IN PLACE) LEAVING 9" EXPOSING BAR TO FACILITATE CONNECTION TO PROPOSED PAVEMENT.
3. PROPOSED LAYDOWN CURB. CONTRACTOR TO REFER TO SHEET C701 FOR DETAILS.
4. PROPOSED WHEELSTOP. (SEE SEE SHEET C7.01 FOR DETAILS).

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713-629-5638

KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER: 33AC23221
ABBREVIATION:
DRAWN BY: BP
CHECKED BY: GVL
ORIGINAL ISSUE: ISSUE FOR PROPOSALS DECEMBER 09, 2024

SHEET NAME
PAVING & JOINTING PLAN (SHEET 3OF 3)

SHEET NUMBER
C5.03

05 Dec 2024 9:20AM GregL
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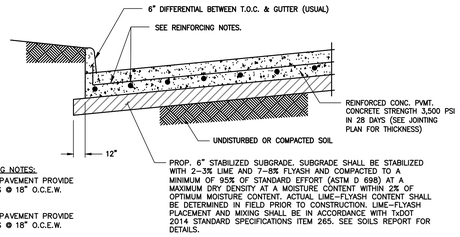
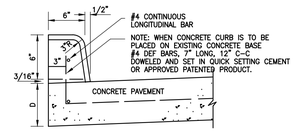


REINFORCING NOTES:
1. FOR 6" PAVEMENT PROVIDE #4 BARS @ 18" O.C.E.W.
2. FOR 7" PAVEMENT PROVIDE #4 BARS @ 18" O.C.E.W.

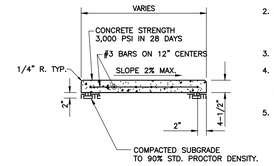
TYPICAL CONCRETE PAVEMENT
N.T.S.



NOTES:
1. MORTAR FINISH NOT REQUIRED WHEN CURB IS POURED BY A MACHINE, BUT CURB SHALL HAVE THE SAME OUTSIDE DIMENSIONS.
2. PROP. VERTICAL JOINT IN CURB TO BE SEALED WITH VERTICAL SEALANT MATCHING COLOR OF JOINT SEALANT IN PAVEMENT.

CONCRETE CURB
N.T.S.

NOTES:
1. 1/2" FIBERBOARD EXPANSION MATERIAL REQUIRED WHERE SIDEWALK ABUTS BUILDING. 3/4" REDWOOD MATERIAL REQUIRED WHERE SIDEWALK ABUTS CURBS, DRIVEWAYS OR EXISTING SIDEWALKS.
2. WHERE NEW SIDEWALK IS PLACED AGAINST EXISTING SIDEWALK, SAWCUT EXISTING SIDEWALK TO AN EVEN STRAIGHT LINE PRIOR TO INSTALLATION OF THE NEW SIDEWALK AND INSTALL EXPANSION JOINT.
3. 1" MAX AGGREGATE.
4. CONTRACTOR SHALL INSTALL SIDEWALK EXPANSION JOINTS AT 20' MAX. INTERVALS AND CONSTRUCTION (SAWED JOINTS) ON 5' CENTERS FOR 5' WIDE SIDEWALKS AND 10' FOR ALL OTHER SIDEWALKS WIDER THAN 5'.
5. LINE UP JOINTS IN SIDEWALK W/ PAVING JOINTS.



TYPICAL CONCRETE SIDEWALK
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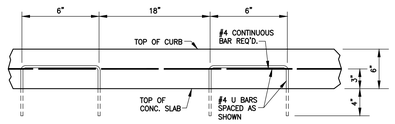

TYPICAL CONCRETE CURB REINFORCING
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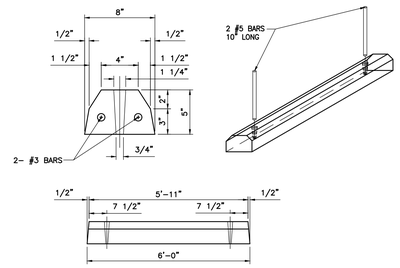

PRECAST CONCRETE WHEEL STOP
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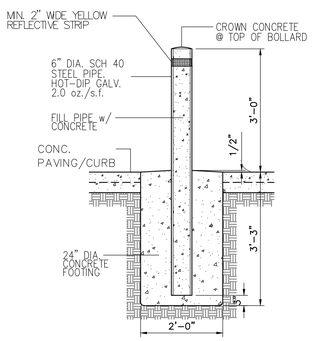
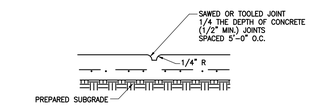


PIPE BOLLARD



CONCRETE SIDEWALK CONTROL JOINT
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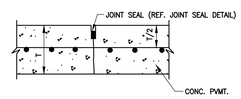

SAWED JOINT
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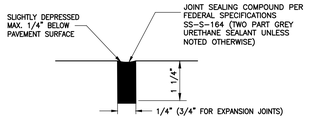
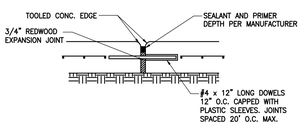


JOINT SEAL
N.T.S.

NOTE:
WHERE THE DEPTH DOES NOT PERMIT THE USE OF BACKER ROD, A BOND BREAKER (POLYETHYLENE STRIP) MUST BE USED TO PREVENT THREE–POINT BONDING



CONCRETE SIDEWALK EXPANSION JOINT
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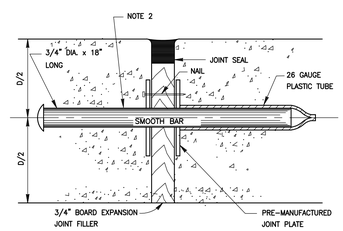
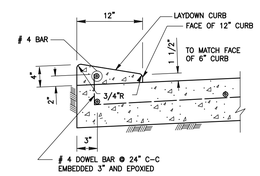
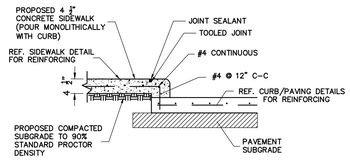


NOTES:
1. STEEL TO MEET ASTM STANDARD SPECIFICATIONS FOR CONCRETE REINFORCING BARS. UNITS TO BE SPACED ON 12" CENTERS
2. CENTER DOWEL HORIZONTALLY ON JOINT
3. CENTER DOWEL VERTICALLY IN CONCRETE BASE.

DOWEL TYPE EXPANSION JOINT
N.T.S.



4–INCH x 12–INCH LAYDOWN CURB
N.T.S.



SIDEWALK AT PAVEMENT
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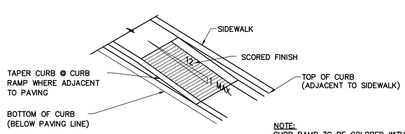

NOTE:
CURB RAMP TO BE COLORED WITH INTEGRAL DYE THAT CONTRASTS WITH ADJACENT SURFACES.

DIRECTIONAL CURB RAMP
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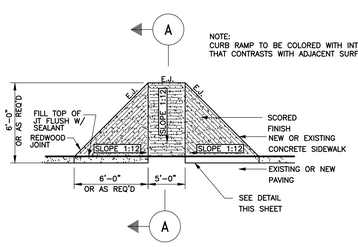

NOTE:
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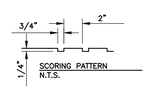
WHEEL CHAIR RAMP
NTS



SCORING PATTERN
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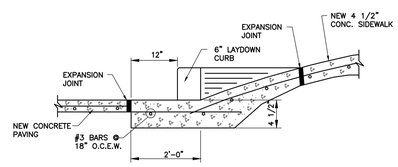
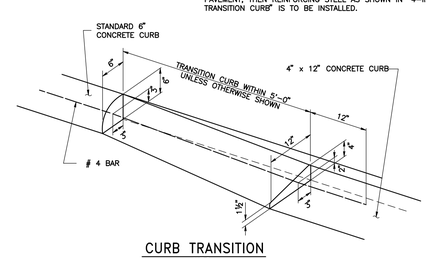


WHEEL CHAIR RAMP CROSS–SECTION "A–A"
N.T.S.

NOTES:
1. TRANSITIONS FROM 6–INCH CONCRETE CURB TO 4–INCH x 12–INCH CONCRETE CURB TO BE ACCOMPLISHED WITHIN 5 FEET, UNLESS OTHERWISE SHOWN. IF THIS 5–FOOT TRANSITION CURB IS NOT POURED MONOLITHICALLY WITH THE PAVEMENT, THEN REINFORCING STEEL AS SHOWN IN "4–INCH x 12–INCH TRANSITION CURB" IS TO BE INSTALLED.



CURB TRANSITION
N.T.S.

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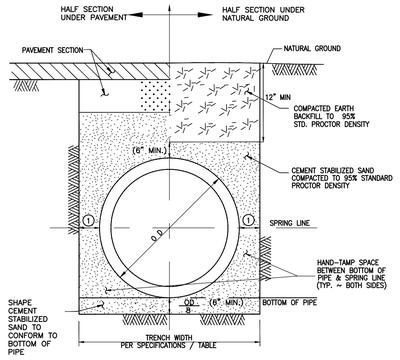
F:\project\BROOK_SP\Page Southerland Page\722-0015 Cy-Ridge HS Renovations\Civil\C7.01 PAVING DTLS.dwg
Includes Xref(s): XTB.dwg; X-Seal.dwg



RECOMMENDED MINIMUM TRENCH WIDTHS

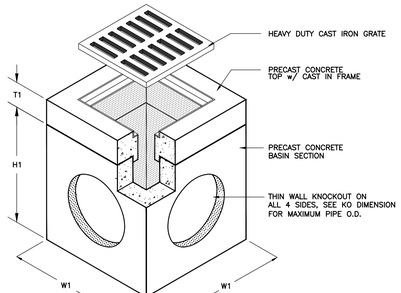
① 4" THRU 24" PIPE DIA. = 12" MIN. WIDTH.
30" AND GREATER PIPE DIA. = 18" MIN. WIDTH.

NOTES:

1. WHERE SOIL CONDITIONS REQUIRE, THE ENGINEER MAY ORDER USE OF GRANULAR MATERIAL IN LIEU OF CEMENT STABILIZED SAND BEDDING.
2. WHERE WET SAND IS ENCOUNTERED, REINFORCED CONCRETE PIPE SEWERS SHALL BE CONSTRUCTED USING APPROVED SPECIAL DESIGN AS SHOWN ON DRAWINGS.
3. MAX TRENCH WIDTH SHALL NOT BE GREATER THAN MIN. TRENCH WIDTH PLUS 24 INCHES, UNLESS OTHERWISE NOTED.
4. CEMENT-SAND BACKFILL SHALL CONSIST OF NOT LESS THAN 1.5 SACKS OF CEMENT PER TON OF SAND WITH SUFFICIENT WATER TO HYDRATE THE CEMENT. THE MATERIAL SHALL BE PLACED IN LIFTS 8 INCHES THICK MAXIMUM AND COMPACTED TO 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE TO THE BOTTOM OF THE PAVEMENT SUBGRADE.
5. ALL BEDDING AND BACKFILL SHALL BE INCLUDED IN THE COST OF THE PIPE.

BEDDING FOR STORM SEWER

N.T.S.



NOTE:
RISER SECTION AVAILABLE IN 6" TO 18" DEPTHS.

DIMENSIONS						
W1	W2	H1	H2	T1	KO	GRATE SIZE[1]
24"	16"	34"	30"	4"	15"	18"x18"x1-1/4"
26"	18"	34"	30"	4"	17"	20"x20"x1-1/4"
32"	22"	41"	36"	5"	22"	24"x24"x2"
37"	25"	42"	36"	6"	24"	27"x27"x2"
42"	30"	42"	36"	6"	30"	32"x32"x2"
48"	36"	42"	36"	6"	32"	38"x38"x2"
60"	48"	54"	48"	6"	48"	38"x38"x2"
72"	60"	66"	60"	6"	60"	38"x38"x2"
84"	72"	78"	72"	6"	72"	38"x38"x2"
96"	83"	78"	72"	6"	84"	38"x38"x2"

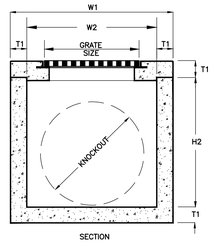
1. LARGER GRATES SIZES ARE AVAILABLE.

SPECIFICATIONS

CONCRETE : Class 1 concrete with design strength of 4,500 PSI at 28 days. Unit is of monolithic construction at floor and first stage of wall with sectional riser to required depth. Rated for H-20 Loading.

REINFORCEMENT: Grade 60 reinforced. Steel rebar conforming to ASTM A615 on required centers or equal.

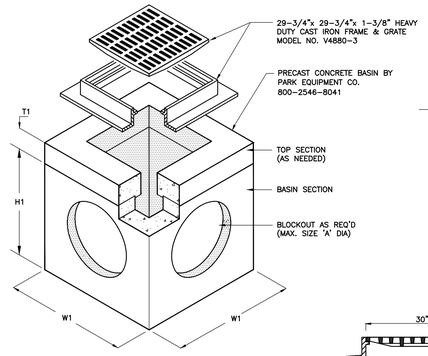
C.I. CASTINGS: Cast iron frames and grates are manufactured of grey cast iron conforming to ASTM A48-76 Class 30.



SECTION

GRATE INLET IN GRASS/LANDSCAPED AREAS

N.T.S.



ISOMETRIC

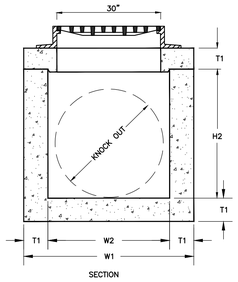
DIMENSIONS						
W1	W2	H1	H2	T1	K.O.	GRATE SIZE
42"	30"	36"	30"	6"	30"	30"X30"
48"	36"	42"	36"	6"	36"	30"X30"
60"	48"	54"	48"	6"	48"	30"X30"
72"	60"	66"	60"	6"	60"	30"X30"
84"	72"	78"	72"	6"	72"	30"X30"
96"	83"	78"	72"	6"	84"	30"X30"

SPECIFICATIONS

CONCRETE : Class II concrete with design strength of 4,500 PSI at 28 days. Unit is of monolithic construction at floor and first stage of wall with sectional riser to required depth. Rated for H-20 Loading.

REINFORCEMENT: Grade 60 reinforced with steel rebar to conform to ASTM A615 on required centers or equal.

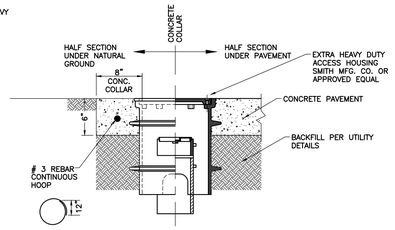
C.I. CASTINGS: Cast iron frames and grates are manufactured of grey cast iron conforming to ASTM A48-76 Class 30.



SECTION

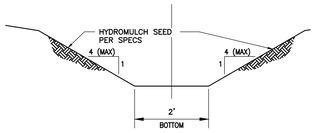
GRATE INLET IN PAVEMENT

N.T.S.



STORM SEWER CLEANOUT

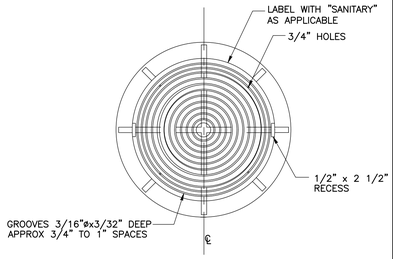
N.T.S.



TYPICAL SWALE

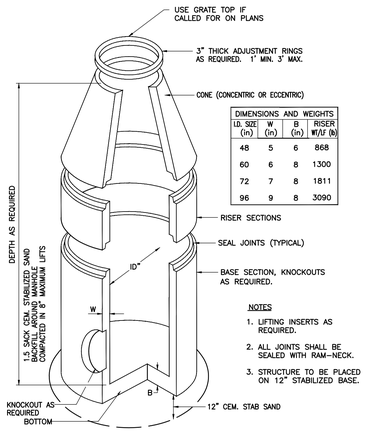
N.T.S.

ALL LETTERS SHALL BE 2" HIGH AND SHALL BE RAISED 1/8" LINE WIDTH FOR LETTERS SHALL BE 1/4" WIDE



SANITARY SEWER MANHOLE COVER

N.T.S.



DIMENSIONS AND WEIGHTS			
LD. SIZE (in)	W (in)	B (in)	RISER WT/LF (lb)
48	5	6	868
60	6	8	1300
72	7	8	1811
96	9	8	3090

NOTES

1. LIFTING INSERTS AS REQUIRED.
2. ALL JOINTS SHALL BE SEALED WITH RAM-NECK.
3. STRUCTURE TO BE PLACED ON 12" STABILIZED BASE.

SPECIFICATIONS:

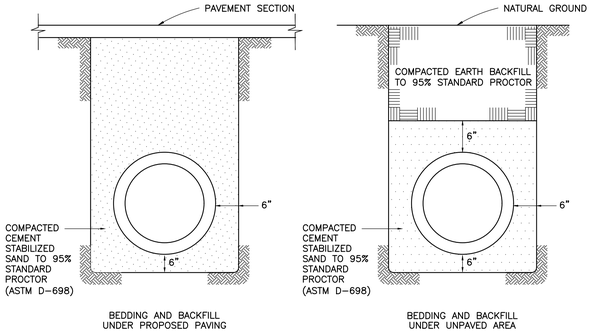
CONCRETE: CLASS 1 CONCRETE WITH A DESIGN STRENGTH OF 4,500 PSI AT 28 DAYS. RATED FOR H-20 LOADING.

REINFORCEMENT: STRUCTURAL REINFORCEMENT CONFORMING TO ASTM-C-478.

C.I. CASTINGS: CAST IRON FRAMES AND GRATES ARE MANUFACTURED OF GREY CAST IRON CONFORMING TO ASTM A48-76 CLASS 35.

PRECAST CONCRETE STORM SEWER MANHOLE

N.T.S.



BEDDING AND BACKFILL UNDER PROPOSED PAVING

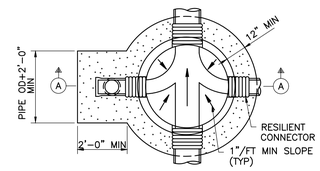
BEDDING AND BACKFILL UNDER UNPAVED AREA

SANITARY SEWER TRENCH

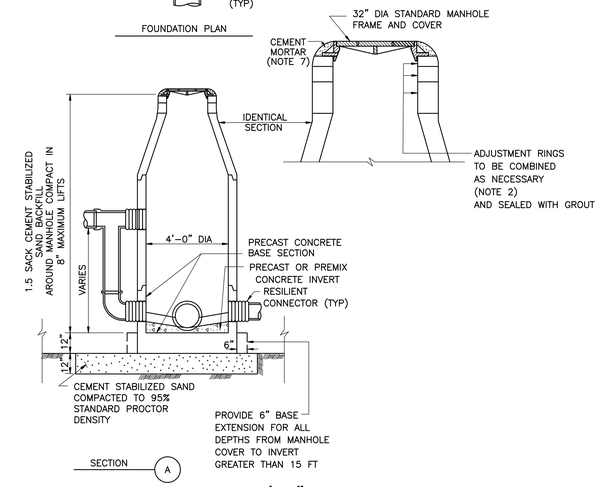
N.T.S.

NOTES:

1. DEPTH OF MANHOLE DETERMINES SECTIONS REQUIRED.
2. PRECAST CONCRETE RINGS SHALL BE PROVIDED FOR A COMBINED ADJUSTMENT HEIGHT OF AT LEAST 12". THE TOTAL HEIGHT OF THE ADJUSTMENT RINGS SHALL NOT EXCEED 1'-6".
3. MANHOLE WALL THICKNESS FOR DEPTH EXCEEDING 12'-0" SHALL BE DETERMINED TO MEET LOADING CONDITIONS. MIN THICKNESS 5".
4. MANHOLE DROP AND INTERSECTING PIPES SHALL BE INSTALLED ONLY WHEN CALLED FOR ON DRAWINGS OR WHEN DIFFERENCE IN FLOW LINE ELEVATIONS OF MANHOLE EXCEEDS 24".
5. SEAT MANHOLE FRAME IN SEALANT.
6. ECCENTRIC PRECAST CONCRETE MANHOLE MAY BE USED.
7. OMIT CEMENT MORTAR WHEN MANHOLE IS LOCATED IN PAVED AREAS.
8. MIN REINFORCING IN THE PRECAST CONCRETE BASE SHALL BE # 5 @ 8" EW.
9. INTERIOR SURFACE OF MANHOLE SHALL BE SEALED WITH THANE COAT OR APPROVED EQUAL AS PER MANUFACTURERS SPECIFICATIONS.



FOUNDATION PLAN



SECTION A

SANITARY SEWER MANHOLE 4'-0" DIA

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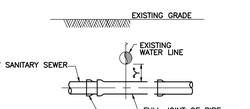
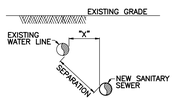


INSTALLATION REQUIREMENTS
1. IF "Y" IS GREATER THAN 6" AND "Y" IS LESS THAN 2', USE MINIMUM 18 FT JOINT OF PRESSURE-RATED PIPE PER TABLE 02730-04.
2. IF "Y" IS GREATER THAN 2' AND "Y" IS LESS THAN 9', USE GRAVITY SEWER PIPE IN CEMENT-STABILIZED SAND EMBEDMENT.
3. IF "Y" IS GREATER THAN 9', USE STANDARD EMBEDMENT AND NORMAL JOINT SPACING.

NEW SANITARY SEWER CROSSING EXISTING WATER LINE



INSTALLATION REQUIREMENTS
1. IF "X" IS LESS THAN 9' AND SEPARATION IS LESS THAN 9', USE PRESSURE-RATED PIPE, MH TO MH. "X" MUST BE AT LEAST 4 FT.
2. IF "X" IS GREATER THAN OR EQUAL TO 4' AND SEPARATION IS 9' OR GREATER, USE STANDARD PIPE AND EMBEDMENT.

NEW SANITARY SEWER PARALLEL TO EXISTING WATER LINE

NOTES:

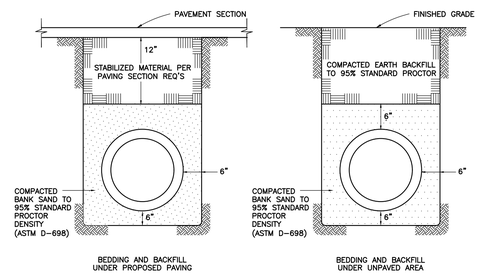
1. SANITARY SEWER MUST BE BELOW WATER LINE WHEREVER POSSIBLE. WHEN WATERLINE IS BELOW THE SANITARY SEWER PROVIDE MINIMUM 2 FT SEPARATION AND INSTALL PIPE SAME AS FOR SEWER BELOW WATER.
2. WHEN PRESSURE-RATED PIPE IS REQUIRED, PROVIDE PIPE WITH MINIMUM 150 psi PRESSURE RATING.
3. ADAPTERS MUST BE FACTORY MOLDED OR FABRICATED, WITH RING STIFFNESS AT LEAST EQUAL TO THE ADJOINING SANITARY SEWER PIPE, AND USING RESILIENT GASKET OR SEAL MATERIAL. FLEXIBLE RUBBER "BOOT" TYPE ADAPTERS WILL NOT BE ACCEPTED.
4. INSTALL FORCE MAINS SAME AS FOR GRAVITY SEWER, USING SPECIFIED PRESSURE PIPE.
5. "Y" MUST ALWAYS BE GREATER THAN OR EQUAL 6".
6. "X" MUST BE GREATER THAN OR EQUAL TO 4 FT.
7. ALTERNATIVES MAY BE SHOWN ON THE DRAWINGS OR DESCRIBED IN THE SPECIFICATIONS.
8. SEPARATION REQUIREMENTS SHOWN HERE DO NOT APPLY TO SERVICE CONNECTIONS – REFER TO PLUMBING CODE FOR APPLICABLE REQUIREMENTS.
9. CEMENT-STABILIZED SAND SHALL BE 1½ SACKS OF CEMENT PER CUBIC YARD OF SAND.

TABLE 02730-04
SEWER LINE CROSSING BELOW WATER LINE WITHIN 2 FT SEPARATION

GRAVITY SANITARY SEWER PIPE SIZE	PRESSURE-RATED PIPE SIZE & TYPE (NOTE 2)	ADAPTERS REQUIRED
6" TO 12" (ASTM D-3034)	SAME SIZE ASTM D-2241, SDR 26	ASTM D-3034 TO D-2665 (SEWER TO D.W.V.) ADAPTER COUPLING
15" (ASTM D-3034)	14" LINED DUCTILE IRON OR AWWA C-905, DR-25	NONE REQUIRED
18" AND 24"	SAME SIZE AWWA C-905, PRESSURE-RATED FRP, OR LINED DUCTILE IRON, MANHOLE TO MANHOLE	NONE REQUIRED
21" AND 27"	PRESSURE PIPE NOT AVAILABLE. SEE CASING ALTERNATIVE	NOT APPLICABLE
30" AND LARGER	SAME SIZE PRESSURE-RATED FRP OR LINED DUCTILE IRON, MANHOLE TO MANHOLE	NOT APPLICABLE
CASING ALTERNATIVE: ANY SIZE AND TYPE	INSTALL AS CASING PIPE MIN 18 FT JOINT OF PRESSURE PIPE AT LEAST 2 NOMINAL SIZES LARGER THAN SAN. SEWER CARRIER PIPE. GROUT ANNULAR SPACE WITH TUNNEL GROUT	NOT APPLICABLE

INSTALLATION OF SANITARY SEWER LINES CROSSING OR PARALLEL TO WATER LINES

N.T.S.

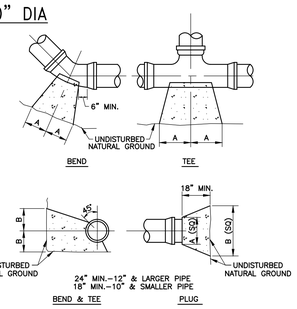


BEDDING AND BACKFILL UNDER PROPOSED PAVING

BEDDING AND BACKFILL UNDER UNPAVED AREA

WATER LINE TRENCH

N.T.S.



SIZE	90° BEND		45° BEND		22 1/2° BEND		TEES		PLUGS	
	A	B	A	B	A	B	A	B	A	B
2 1/2"	12"	7"	6"	7"	6"	6"	7"	8"	8"	14"
6"	16"	10"	9"	10"	6"	12"	10"	12"	10"	21"
8"	22"	13"	12"	13"	8"	10"	13"	16"	12"	29"
10"	26"	17"	14"	17"	10"	13"	16"	20"	14"	36"
12"	29"	21"	16"	21"	11"	16"	18"	24"	16"	41"
14"	35"	24"	19"	24"	12"	20"	22"	27"	18"	48"
16"	38"	27"	21"	27"	12"	24"	24"	30"	20"	54"

ALL CONCRETE SHALL BE MIN. 55K, 3,000 P.S.I.

WATER LINE THRUST BLOCK

N.T.S.

Page

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KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F-880

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

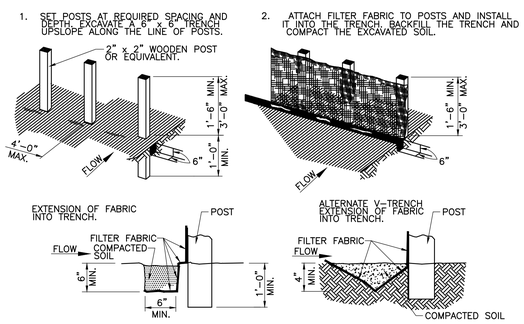
PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
UTILITY DETAILS

SHEET NUMBER
C7.02

05 Dec 2024 9:20AM GregL
F:\project\BROOK_SP\Page Southerland Page\722-0015 Cy-Ridge HS Renovations\Civil\C7.02 UTILITY DTLS.dwg
Includes Xref(s): XTB.dwg; X-Seal.dwg



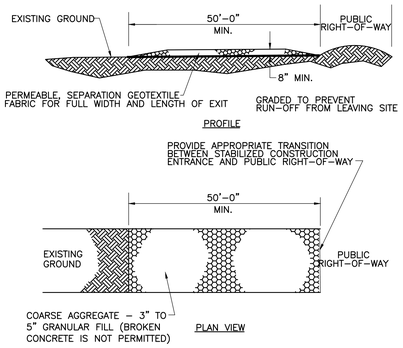
GENERAL NOTES:

1. SET POSTS AT 4-FEET MAXIMUM SPACING. IF FACTORY PREASSEMBLED FENCE WITH SUPPORT NETTING IS USED, SPACING OF POST MAY BE INCREASED TO 8 FEET MAXIMUM.
2. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER, OVERLAP 6 INCHES AT THE POST, FOLD TOGETHER, AND ATTACH TO THE POSTS.
3. REMOVE SEDIMENT DEPOSITS WHEN SILT DEPTH REACHES ONE-THIRD OF THE HEIGHT OF THE FENCE.

FILTER FABRIC FENCE

FF

SYMBOL



GENERAL NOTES:

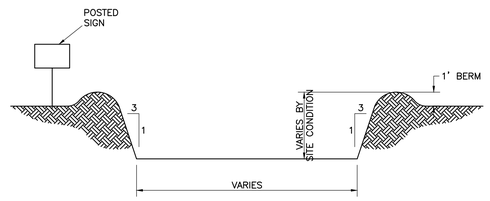
1. MINIMUM LENGTH IS AS SHOWN ON CONSTRUCTION DRAWINGS OR 50 FEET, WHICHEVER IS MORE.
2. CONSTRUCT AND MAINTAIN CONSTRUCTION EXIT WITH CONSTANT WIDTH ACROSS ITS LENGTH, INCLUDING ALL POINTS OF INGRESS OR EGRESS.
3. UNLESS SHOWN ON THE CONSTRUCTION DRAWINGS, STABILIZATION FOR OTHER AREAS WILL HAVE THE SAME AGGREGATE THICKNESS AND WIDTH REQUIREMENTS AS THE STABILIZED CONSTRUCTION EXIT.
4. WHEN SHOWN ON THE CONSTRUCTION DRAWINGS, WIDEN OR LENGTHEN STABILIZED AREA TO ACCOMMODATE A TRUCK WASHING AREA. PROVIDE OUTLET SEDIMENT TRAP FOR THE TRUCK WASHING AREA.
5. PROVIDE PERIODIC TOP DRESSING WITH ADDITIONAL COARSE AGGREGATE TO MAINTAIN THE REQUIRED DEPTH OR WHEN SURFACE BECOMES PACKED WITH MUD.
6. PERIODICALLY TURN AGGREGATE TO EXPOSE A CLEAN DRIVING SURFACE.
7. ALTERNATIVE METHODS OF CONSTRUCTION INCLUDE
   - CEMENT STABILIZED SOIL: COMPACTED CEMENT STABILIZED SOIL, LIMESTONE AGGREGATE, OR OTHER FILL MATERIAL IN AN APPLICATION OF THICKNESS OF 8 INCHES.
   - WOOD MATS: OAK OR OTHER HARDWOOD TIMBERS PLACED EDGE TO EDGE AND ACROSS SUPPORT WOODEN BEAMS WHICH ARE PLACED ON TOP OF EXISTING SOIL IN AN APPLICATION THICKNESS OF 6 INCHES.
   - STEEL MATS: PERFORATED MATS PLACED ACROSS PERPENDICULAR SUPPORT MEMBERS.

STABILIZED CONSTRUCTION ACCESS

SC

NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETION AND SUBMISSION OF ALL APPLICABLE STATE AND FEDERAL FORMS REQUIRED FOR STORM WATER POLLUTION PREVENTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION, IMPLEMENTATION, MAINTENANCE, AND INSPECTION OF STORM WATER POLLUTION PREVENTION CONTROL MEASURES INCLUDING, BUT NOT LIMITED TO, EROSION AND SEDIMENT CONTROLS, STORM WATER MANAGEMENT PLANS, WASTE COLLECTION AND DISPOSAL, OFF-SITE VEHICLE TRACKING, AND OTHER PRACTICES.
2. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL ADDITIONAL STORM WATER POLLUTION PREVENTION AND STORM WATER CONTROL MEASURES AND SUBMITTALS TO ALL GOVERNING AGENCIES INCLUDING THE EPA REQUIRED DURING CONSTRUCTION TO MEET THE GUIDELINES SET FORTH IN THE STORM WATER MANAGEMENT HANDBOOK FOR CONSTRUCTION ACTIVITIES PREPARED BY THE CITY OF HOUSTON, HARRIS COUNTY AND HARRIS COUNTY FLOOD CONTROL DISTRICT, LATEST EDITION.



SECTION A-A
N.T.S.

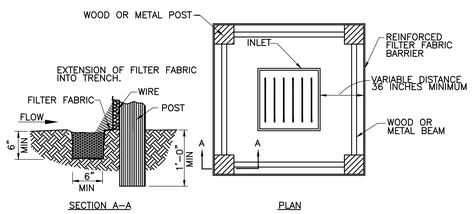
GENERAL NOTES:

1. POST A SIGN READING "CONCRETE WASH OUT PIT" NEXT TO THE PIT.
2. VERBALLY INSTRUCT THE CONCRETE TRUCK DRIVERS WHERE THE PIT IS AND TO WASH OUT THEIR TRUCKS IN THE PIT AND NOWHERE ELSE.
3. UPON THE CONCRETE SETTING UP (CURING, DRYING OUT), THE CONCRETE WASTE SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF PROPERLY BY THE CONTRACTOR. AFTER REMOVAL OF THE CONCRETE WASTE, THE WASH OUT PIT SHALL BE FILLED WITH CLEAN FILL MATERIAL AND COMPACTED TO IN-SITU CONDITIONS, OR AS DIRECTED BY THE PROJECT SPECIFICATIONS.
4. CONCRETE WASH OUT PITS SHALL NOT BE LOCATED DIRECTLY ADJACENT TO, NOR AT ANY TIME DRAIN INTO THE STORM SEWER SYSTEM OR ANY OTHER SWALE, DITCH, OR WATERWAY.
5. CONSTRUCT ENTRY ROAD AND BOTTOM OF WASH OUT AREA TO SUPPORT EXPECTED LOADINGS FROM TRUCKS AND EQUIPMENT.

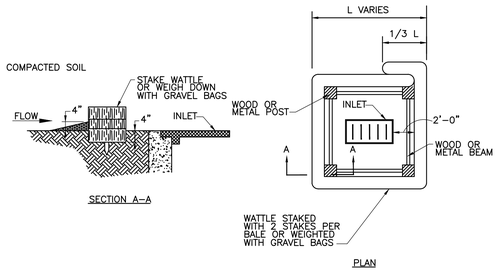
CONCRETE TRUCK WASH OUT AREA

CTW

SYMBOL



SEE REINFORCED FILTER FABRIC BARRIER DETAIL FOR REINFORCED FILTER FABRIC BARRIER REQUIREMENTS

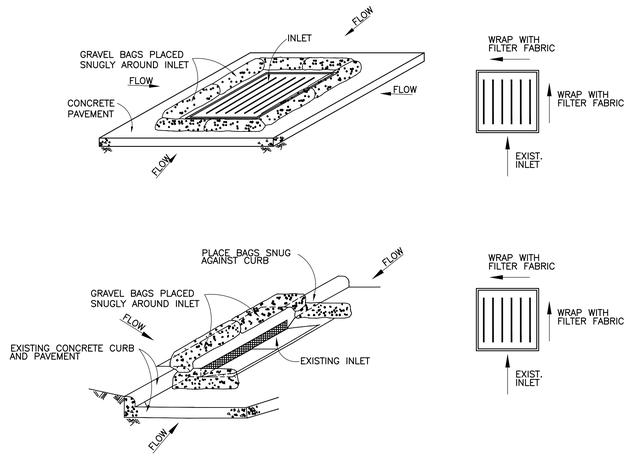


NOTE:
TYPICALLY STRAW BALES ARE NOT RECOMMENDED FOR INLET PROTECTION BARRIERS.

INLET PROTECTION BARRIERS FOR STAGE I INLETS

IPB

SYMBOL



GENERAL NOTES:

1. BAGS OR WATTLES CAN BE USED FOR THIS APPLICATION.
2. PROVIDE WOVEN OR UNWOVEN GEOTEXTILE FILTER FABRIC FOR BAGS.
3. PROVIDE GRAVEL AGGREGATE MIX FOR FILL MATERIAL FOR BAGS. USE ONLY PARTICLES CONSISTING OF CLEAN, HARD, DURABLE MATERIALS FREE FROM ADHERENT COATINGS, SALT, ALKALI, DIRT, CLAY, LOAM, SHALE, SOFT OR FLAKY MATERIALS, OR ORGANIC AND INJURIOUS MATTER.
4. REMOVE SEDIMENT DEPOSIT WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-THIRD THE HEIGHT OF THE BARRIER.

INLET PROTECTION BARRIERS FOR STAGE II INLETS

IPB
STAGE II

SYMBOL

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KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BROOKS & SPARKS, INC.
F-880

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	
DRAWN BY	CHECKED BY
BP	GVL

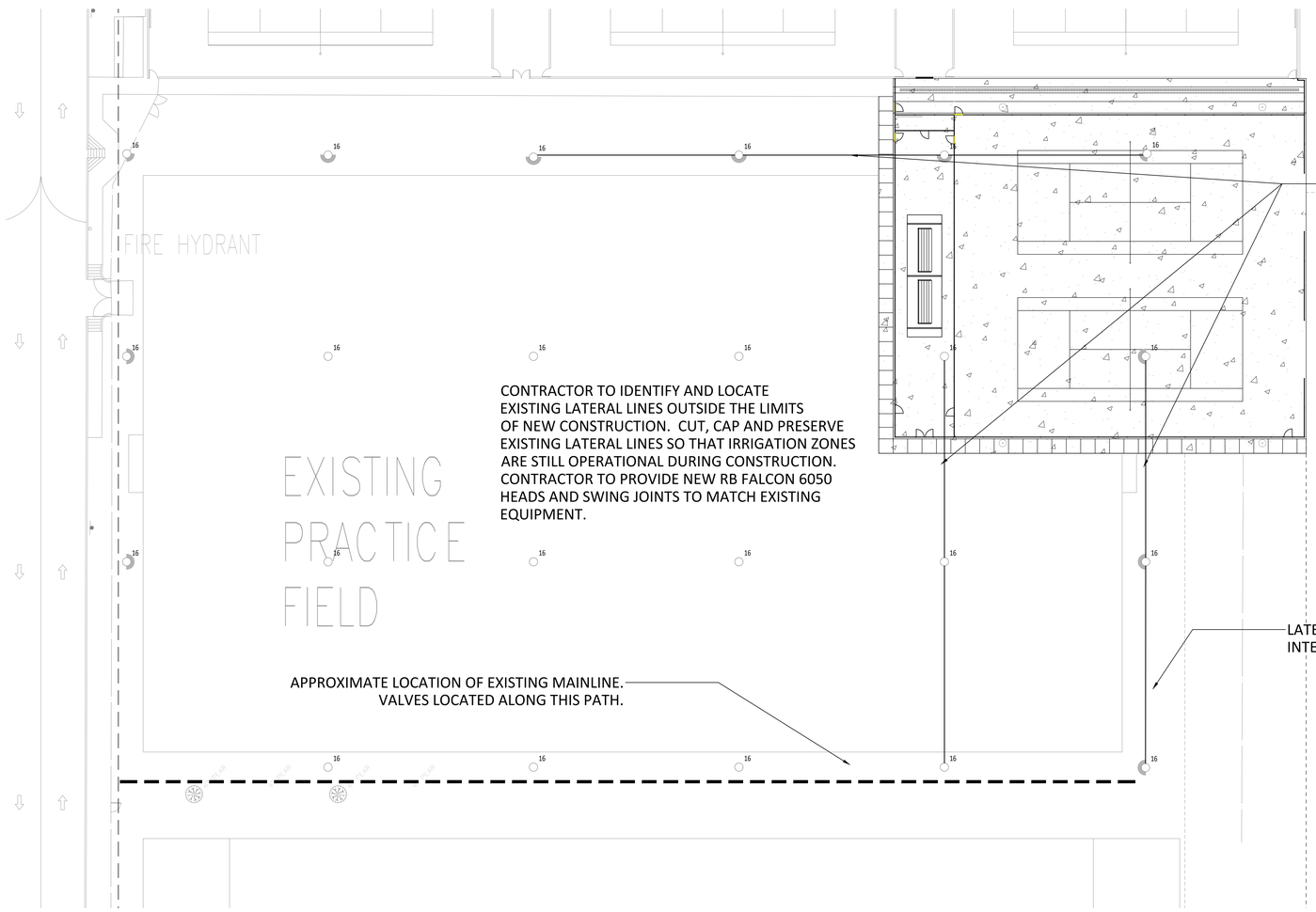
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
STORM WATER POLLUTION PREVENTION DETAILS

SHEET NUMBER
C7.03

05 Dec 2024 9:21AM Gregl
F:\project\BROOK_SP\Page Southerland Page\722-0015 Cy-Ridge HS Renovations\Civil\C7.03 SWPPP DTLS.dwg
Includes Xref(s): XTB.dwg; X-Seal.dwg

EXISTING IRRIGATION EXHIBIT



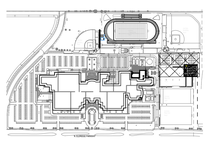
CUT THESE (3) EXISTING LINES 12" FROM THE EDGE OF CONC. OF THE NEW COURTS AND INSTALL NEW RB FALCON 6050 HEADS ON FLEXIBLE SWING JOINTS AT THE NEW COURT EDGE, (SEE DETAIL). MATCH THE NOZZLE SIZE & VOLUME FOR A "HALF" TO PROVIDE MATCHED PRECIPITATION & MAINTAIN FULL COVERAGE.
-ADJUST SPRAY ARCS ON THE FRONT AND RIGHT SIDE OF THE NEW COURTS TO MINIMIZE WATER OVER SPRAY ONTO THE NEW COURTS.

CONTRACTOR TO IDENTIFY AND LOCATE EXISTING LATERAL LINES OUTSIDE THE LIMITS OF NEW CONSTRUCTION. CUT, CAP AND PRESERVE EXISTING LATERAL LINES SO THAT IRRIGATION ZONES ARE STILL OPERATIONAL DURING CONSTRUCTION. CONTRACTOR TO PROVIDE NEW RB FALCON 6050 HEADS AND SWING JOINTS TO MATCH EXISTING EQUIPMENT.

EXISTING CONTROLLER TO REMAIN LOCATED BY THE TRACTOR SHED

LATERAL LINES SHOWN ARE FOR GENERAL INTENT AND ARE NOT EXACT.

APPROXIMATE LOCATION OF EXISTING MAINLINE. VALVES LOCATED ALONG THIS PATH.



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REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12-09-2023

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

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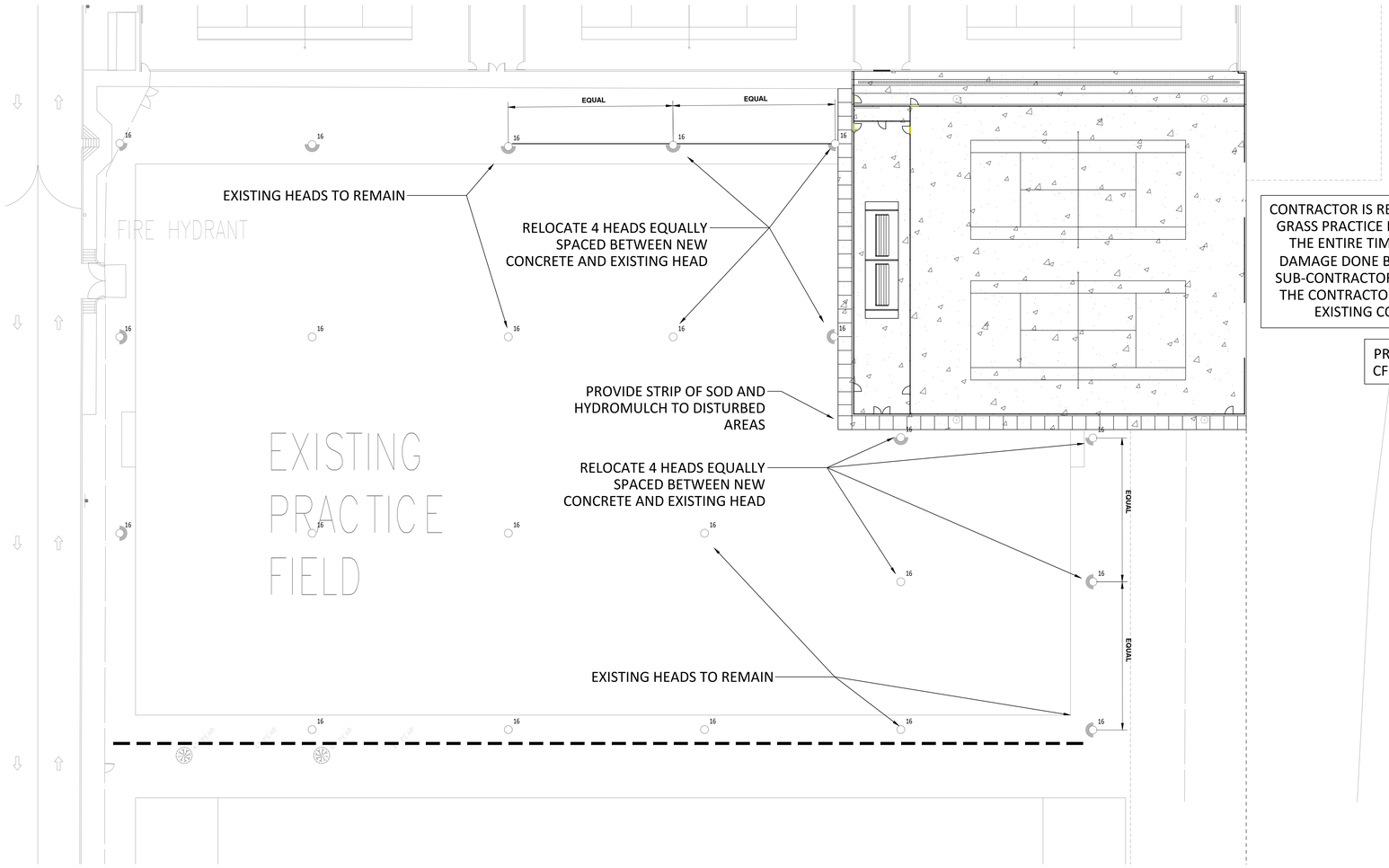
DECEMBER 09, 2024

SHEET NAME
IRRIGATION PLAN

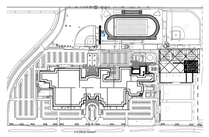
SHEET NUMBER
L6.01

REVISED IRRIGATION EXHIBIT



CONTRACTOR IS RESPONSIBLE TO KEEP EXISTING GRASS PRACTICE FIELD UNDISTURBED DURING THE ENTIRE TIME OF CONSTRUCTION. ANY DAMAGE DONE BY CONTRACTOR OR HIS/HER SUB-CONTRACTOR WILL BE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR REPLACE TO EXISTING CONDITIONS OR BETTER.

PROVIDE SOD PER CFISD STANDARDS



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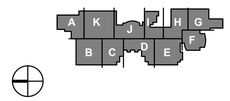

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PROFESSIONAL SEALS

12-09-2023

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23021	CFISD
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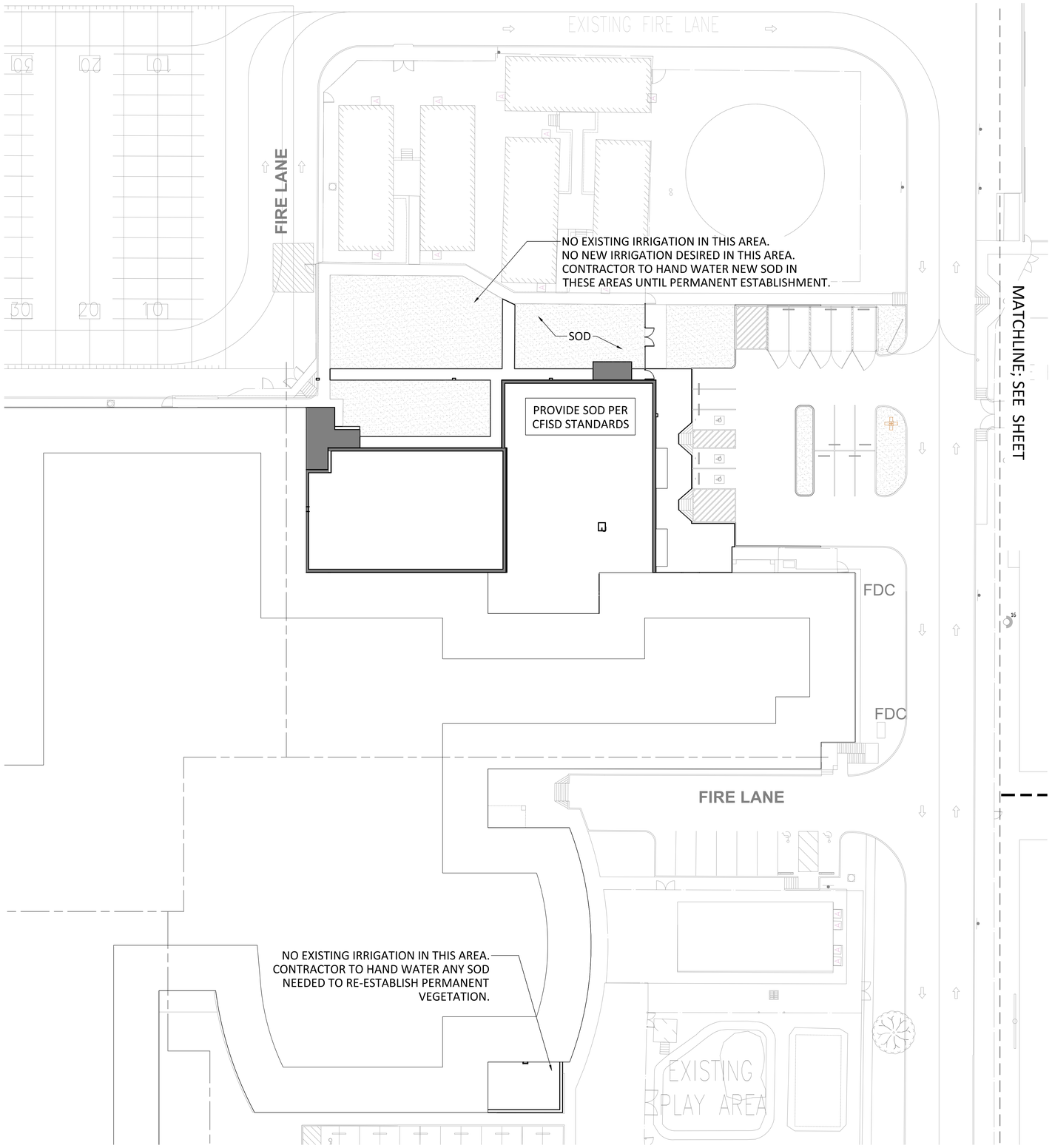
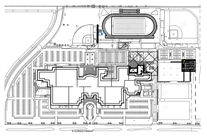
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
IRRIGATION PLAN

SHEET NUMBER
L6.02





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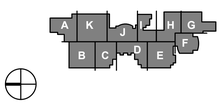

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12-09-2023

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
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33AC23221	CFISD
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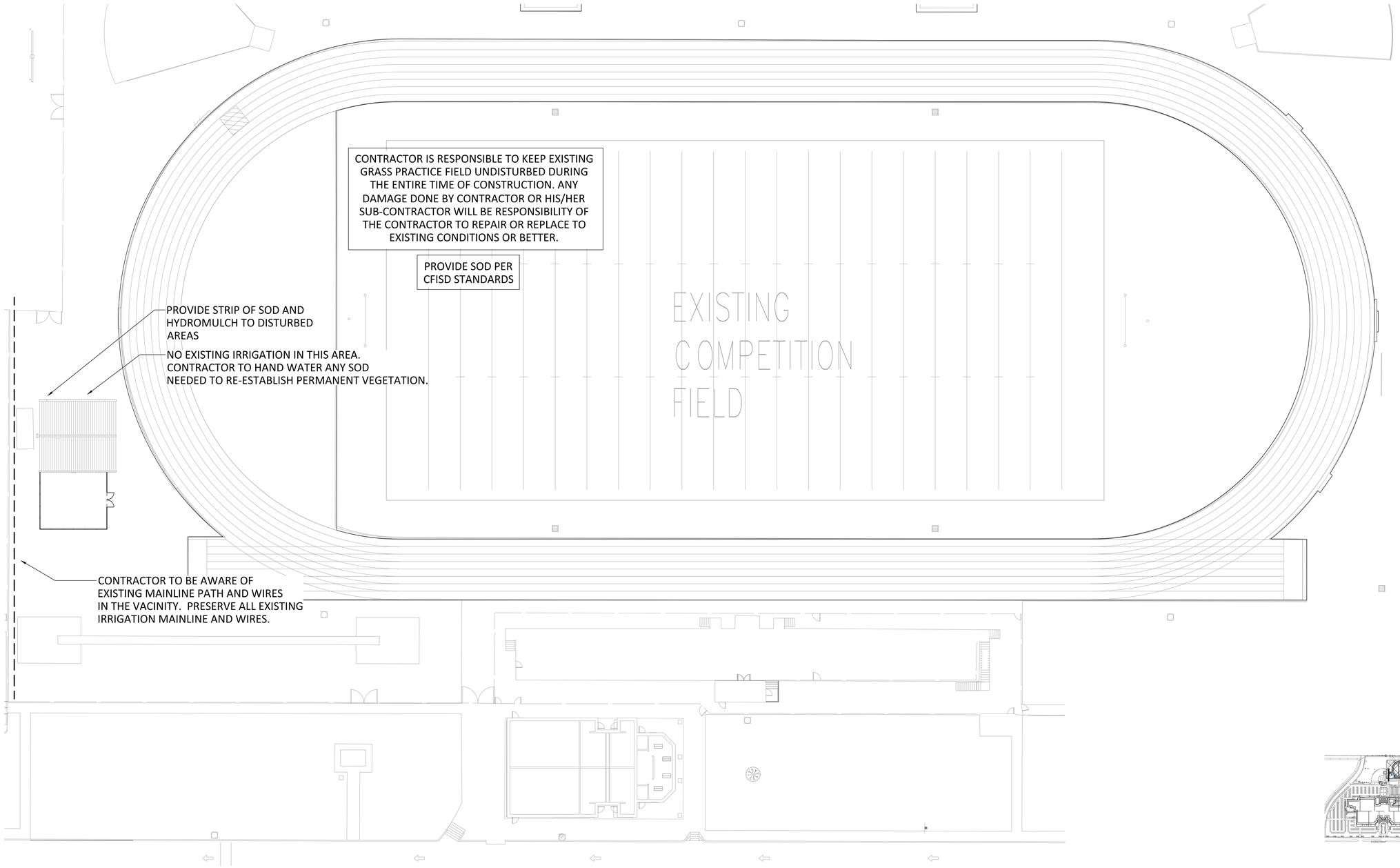
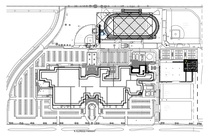
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
IRRIGATION PLAN

SHEET NUMBER
L6.03





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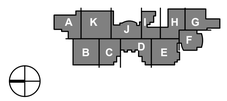

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12-09-2023

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
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PROJECT NUMBER	ABBREVIATION
33AC23021	CFISD
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
IRRIGATION PLAN

SHEET NUMBER
L6.04

CFISD IRRIGATION NOTES

-TCEQ RULES / REGULATIONS SHALL BE FOLLOWED, AND ALL SYSTEMS DESIGNED AND REPAIRED BY THE STATE OF TEXAS
LICENSED IRRIGATOR.
- ARCHITECT TO VERIFY WATERING WINDOW WITH CFISD MAINTENANCE PRIOR TO DESIGN OF IRRIGATION SYSTEM.
-CY FAIR IRRIGATORS WILL BE AVAILABLE FOR A PRE-CONSTRUCTION MEETING. CONSTRUCTION TEAM TO SCHEDULE MEETING BEFORE ANY WORK STARTS ON SITE.

PRODUCTS AND MATERIALS

•ANY REQUIRED SURGE OR STORAGE TANKS TO BE GREEN OR BLACK ONLY. NO WHITE OR CLEAR TANKS.

•PIPING – SCHEDULE 40 FOR 1” TO 3”; NO CLASS 200. MAINLINE CAMPUS AND ATHLETIC FIELDS, 4” CLASS 200 GASKETED, UNLESS STATED OTHERWISE. BED IN 4” LINE WITH SAND AND TAMP.

•FITTINGS – SCHEDULE 80 FOR ALL FITTINGS ON PRESSURE SIDE OF VALVE AND SCHEDULE 40 FOR ALL FITTINGS ON NON-PRESSURE SIDE OF VALVE (LATERALS). NO 45-DEGREE ELLS.

•FITTINGS – USE 2” SCHEDULE 80 12” NIPPLES THREADED IN PLACE OF MALE ADAPTERS ON ZONE VALVES.

•SWING JOINTS- USE IPS PVC FLEX HOSE W/ WELD-ON 795 PVC CLEAR TRANSPARENT GLUE FOR THE STANDARD SCHEDULE 40 FITTINGS. (NO “POLY PIPE”). PROVIDE TEFLON TAPE ON ALL THREADED CONNECTIONS EXCEPT HEADS.

-SPRAY BODIES / 3500 ROTORS USE 1/2" FLEX.
-RB 5000 ROTORS USE 3/4" FLEX.
-FALCON ROTORS USE 1" FLEX.
-MINIMUM OF 2 FEET FROM LATERAL TO HEAD.**

-SPRINKLER HEADS
- FALCON 6050 ROTORS

- PRIMER / GLUE –CHRISTY’S PURPLE PRIMER / CHRISTY’S RED HOT BLUE FOR 4” AND SMALLER.

- IR CONTROLLER:
- REUSE EXISTING CONTROLLER AND LABEL NEW ZONES AS NEEDED.

- BACKFLOW PREVENTERS – INSTALL BACK FLOWS USING GALVANIZED PIPE, FROM MAIN LINE INCLUDING ELBOWS TO BACK FLOW; ALSO FREEZE PROTECT AND CAGE BACK FLOW ON CONCRETE SLAB.
-APPROVED BACK FLOW PREVENTERS (IN ORDER OF CHOICE, WHERE THE DEVICE CAN BE USED):
-2” PRESSURE VACUUM BREAKER (PVB) WATTS 800M4
-2” REDUCED PRINCIPLE DEVICE (RP) FEBCO 860
-2” DOUBLE CHECK (DC) FEBCO 850
-3” AND LARGER SIZES, ASP (RPZ) WILKINS 375
-3” AND LARGER SIZES, ASP, DOUBLE CHECK (DC) WILKINS 350

- PRE-INSTALLED UNDERGROUND SLEEVES – SCH. 40 PVC / 4”-6” – EMBEDDED BRASS PIN TO MARK LOCATION ON SIDEWALK OR CURB. EXTEND SLEEVE 24” BEYOND THE EDGE OF THE PAVEMENT AND TURN UP. CAP SLEEVE AT FINISH GRADE.

IRIRGATION DESIGN AND CONSTRUCTION REQUIREMENTS

- **All athletic fields - No pipe less than 2” in designs or installations.**
- **Entire campus except athletic fields – no pipe less than 1” diameter in designs or installations**
- **Civil engineer shall obtain pressure tests from appropriate municipal utility district no later than the end of schematic design and provide to Owner.**
- **System hydraulics calculations are due at 75% construction documentation for Owner review**
- **Football / Soccer Field – Locate valves in back of end zones aligned with zone. Center feed the laterals toward the middle of the field. Head to head coverage.**
- **Capability to isolate each field w/out shutting the entire IR down. Brass gate valves preferred**
- **Thrust Blocks shall be installed on main line of 3” or larger at all T’s / 90’s.**

Installation and Repair:

- Main Lines – 18" depth and laterals at 12” depth.
- If multiple lines are installed in the same trench, then main line shall be installed at the bottom with minimum of 3” coverage of backfill material for separation prior to installing laterals.
- Place locate wire throughout the main line trench / ditch.
- Sleeve zone-valve wires separately in main underground sleeve when they accompany main or lateral pipes. Shielded wire to be run separately from zone valve wires.
- All piping de-burred prior to permanent glue being applied.
- Trees—Bubblers. See Figure Detail
- Do not mix different heads in a single zone, e.g. tree bubblers and pop-ups.
- Backfill Material —at least 2” of rock free sand or soil surrounding pipe.
- Set Lawn Heads, (adjacent to walks, curbs, etc.), to grade at 6”-8” off existing pavement.

- **Renovations – all existing irrigation systems to be demonstrated and video documented prior to commencement of construction. Prior to trenching/excavation ask owner for assistance in locating any known irrigation lines. Owner and contractor shall demonstrate irrigation system prior to any work starting and after work is completed.**

- All repairs made to irrigation due to damage during construction are to be left exposed for acceptance by maintenance prior to any cover up.
- Water Window not to exceed 6 hours for campus and fields.
- Zone Valve Installation –
- Valves located no closer than 24” to the main. Only one valve per valve box.
- Valve depth should be so the valve box lid is flush with the ground. (valve no deeper than 12” from ground level).
- 14 ga. wire size red/white, yellow for tree bubbler zones.
- Controller to Zone Valve – Each zone, prior to ditch cover up, must be checked and verified with CyFair irrigators to have a resistance readying of between 32 and 60 ohms.
- Junction Box for wires separate from valve boxes, not housed in or with zone valves.
- Leave 2 feet of wire length when spliced.
- Use 3M DBY connectors for all splices.
- Testing / Inspections—Notify owner supervisor or irrigation foreman 24 hours in advance for inspections.

- **Mainline inspection prior to cover up.**
- **Lateral line inspection prior to cover up.**

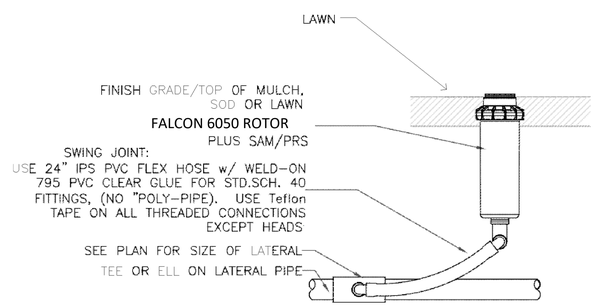
- Install tap for pressure test and flushing of main line, using 2” valve on end of main line.
- Pressure test main line with 100 PSI for 2 hours; check for leaks (new installation only).
- Leaks resulting from tests shall be repaired and tests repeated until system passes.
- Valve inspection before box installation.
- Failure to have the system or part of the system inspected and approved by CFISD licensed irrigator will result in the contractor having to re-expose lines for inspection.
-

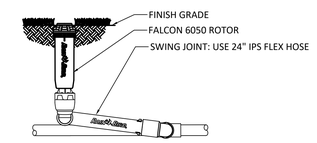
ACCEPTANCE / WALK

-Provide three half-size drawing sets of Irrigation As-Built Plans/Installer’s drawings and a laminated zone chart description for the controller.
-Demonstration of all zones.
-Demonstrate “water sense” function is operational at Substantial Completion.
-Work under this Section will be accepted by the Owner’s Representative upon satisfactory completion of all work and “punch list” items generated by Substantial Completion and Final
-Inspection reviews, but exclusive of Contractor obligations under warranty.
-Acceptance will include a 2-hour Owner orientation session with the Contractor and Owner/operator.
-Contractor shall provide Record Drawing showing accurate locations of valves, meters, vacuum breakers, controllers and mainline, general layout of sprinkler heads, sprinkler zoning, controller location. Locations shall be indicated and dimensioned from easily identifiable and permanent features such as buildings, curbs, fences, walkways, or property lines. This Record Drawing shall be provided to Owner as noted above, for all fields containing irrigation.
-Provide a copy of the backflow preventer test as performed by a licensed Backflow Technician.
-Arrange valve stations to operate in a way to view progressive sequence. Record sequence on Controller door.
-General Contractor maintenance shall begin immediately after system is installed and continue until
-Owner acceptance/substantial completion. Maintenance shall include all watering operations including hand and temporary), monitoring, adjustments to watering schedule, head adjustments and/or replacements, etc.

GENERAL IRRIGATION NOTES

1) An automatic irrigation system shall be installed and operational by the time of final inspection. The entire irrigation system shall be installed by a licensed and qualified irrigation contractor.
2) Install all irrigation components as per manufacturer’s requirements and specifications.
3) Install valve boxes parallel to curbs, buildings, and to each other. Contractor to install four bricks under corners of valve boxes. Install valve boxes perpendicular to finished grade.
4) All control wires should be located underneath mainline piping inside trenches. Provide 3' loop of wire at all 90 degree turns. For conventional wired systems, provide 2 additional wires, colored different from other wires used, with 3' looped in all valve boxes. For 2-Wire systems, provide 3' loop of wire at all wire splices. All wire connections, including decoder to solenoid connections, are to be made with 3M DBR/Y direct burial splice kits.
5) Contractor to field verify best possible location for rain/freeze sensor within wireless range of sensor receiver. Locate on top of fence or on the roof of the building if possible to allow for accurate monitoring of rainfall.
6) All trenching within the dripline of existing trees is to be done by hand or air spade. No mechanical trenching under canopy of existing trees. No roots larger than 1-1/2" in diameter shall be cut. Clean cut any roots smaller than 1-1/2" with proper pruning equipment.
7) Irrigation heads and components shall be located a MINIMUM of 24 inches from all buildings to avoid adverse performance of foundations and slabs due to shrinking and swelling of clay subsoils. Installation and Maintenance contractor to closely monitor system to ensure that excessive irrigation moisture does not cause swelling of clay subsoil thereby causing harm to foundations and slabs.
8) Contractor to install all required ground rods/plates to ground controller and 2-Wire path per manufacturer’s guidelines. Grounding location are not shown on plan due to diagrammatic nature of plans. Contractor to record grounding locations on as-built drawings and provide to owner.
9) All trenches and holes must be backfilled to finished grade with suitable soil free of any objects that could damage the plumbing of the irrigation system. The backfill must be compacted such that a depression does not develop.
10) Areas to receive sod shall have components installed 1" above finished grade to allow for soil depth of sod so that heads and valve boxes are flush with finished soil level. Areas to receive hydromulch shall have components installed at finished grade so that heads and valve boxes are flush with finished soil level. Heads in planting areas shall be installed so that they are flush with finished grade.
11) System to be installed by licensed irrigation contractor. Contractor to install system according to all TCEQ and local regulations.
12) Irrigation in Texas is regulated by the Texas Commission On Environmental Quality (TCEQ) (MC-178), P. O. Box 13087, Austin, Texas78711-3087. TCEQ's web site is: www.tceq.state.tx.us





6050 FALCON ROTOR
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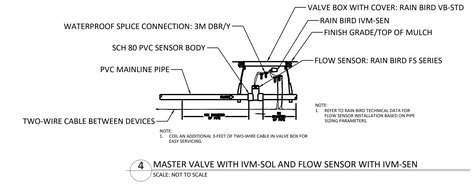
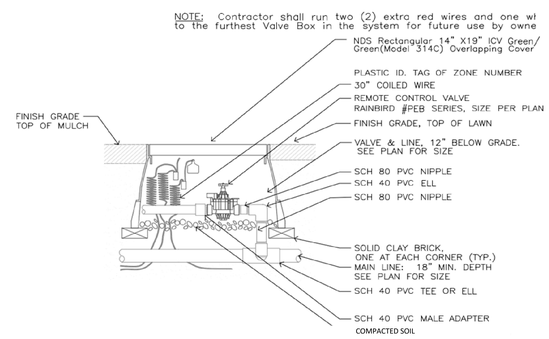
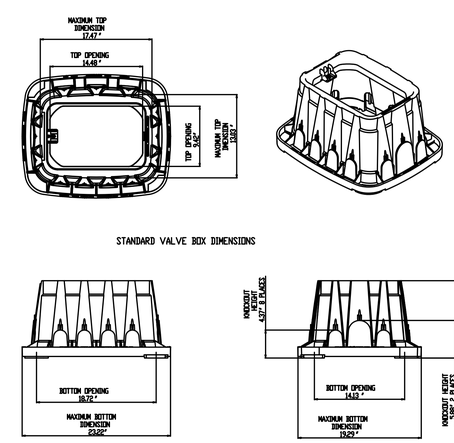


4 MASTER VALVE WITH IVM-SOL AND FLOW SENSOR WITH IVM-SEN
SCALE: NOT TO SCALE





1 VALVE BOX
SCALE: NOT TO SCALE

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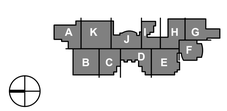
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED LANDSCAPE ARCHITECT DARRIN L. WEINHEIMER 1845 STATE OF TEXAS

12-09-2023

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23021	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

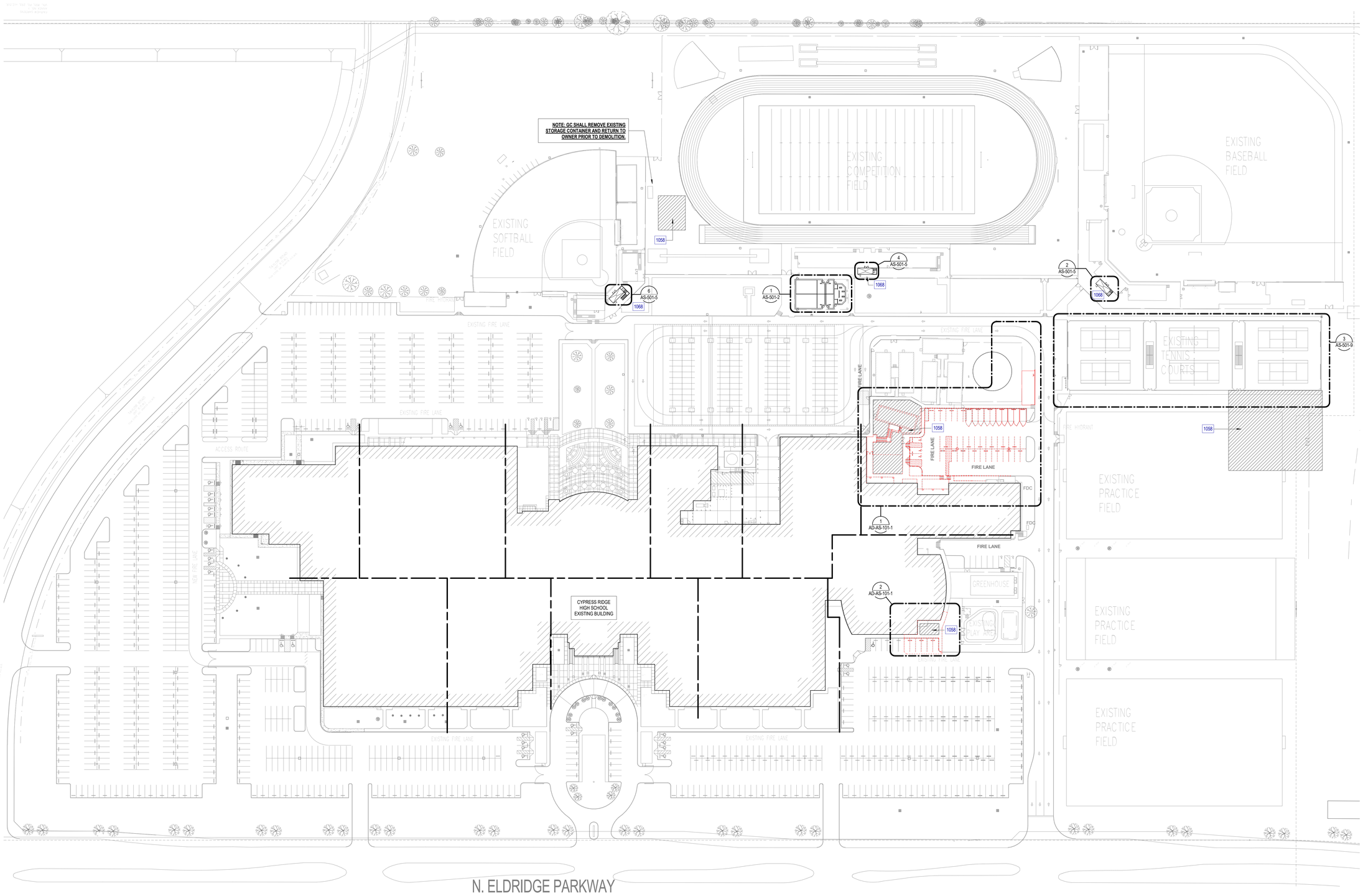
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
IRRIGATION DETAILS

SHEET NUMBER
L6.05

KEYED NOTES

NUMBER	DESCRIPTION
1058	IRRIGATION REROUTED
1068	REFER TO CIVIL DRAWINGS FOR EXTENT OF REMOVAL AND REPLACEMENT OF CONCRETE TO FACILITATE STORM PIPING INSTALLATION.



1 **ARCHITECTURAL - DEMOLITION - OVERALL SITE PLAN**
SCALE: 1" = 60'-0"

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-Site-R23.rvt
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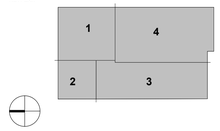

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	ABBREV
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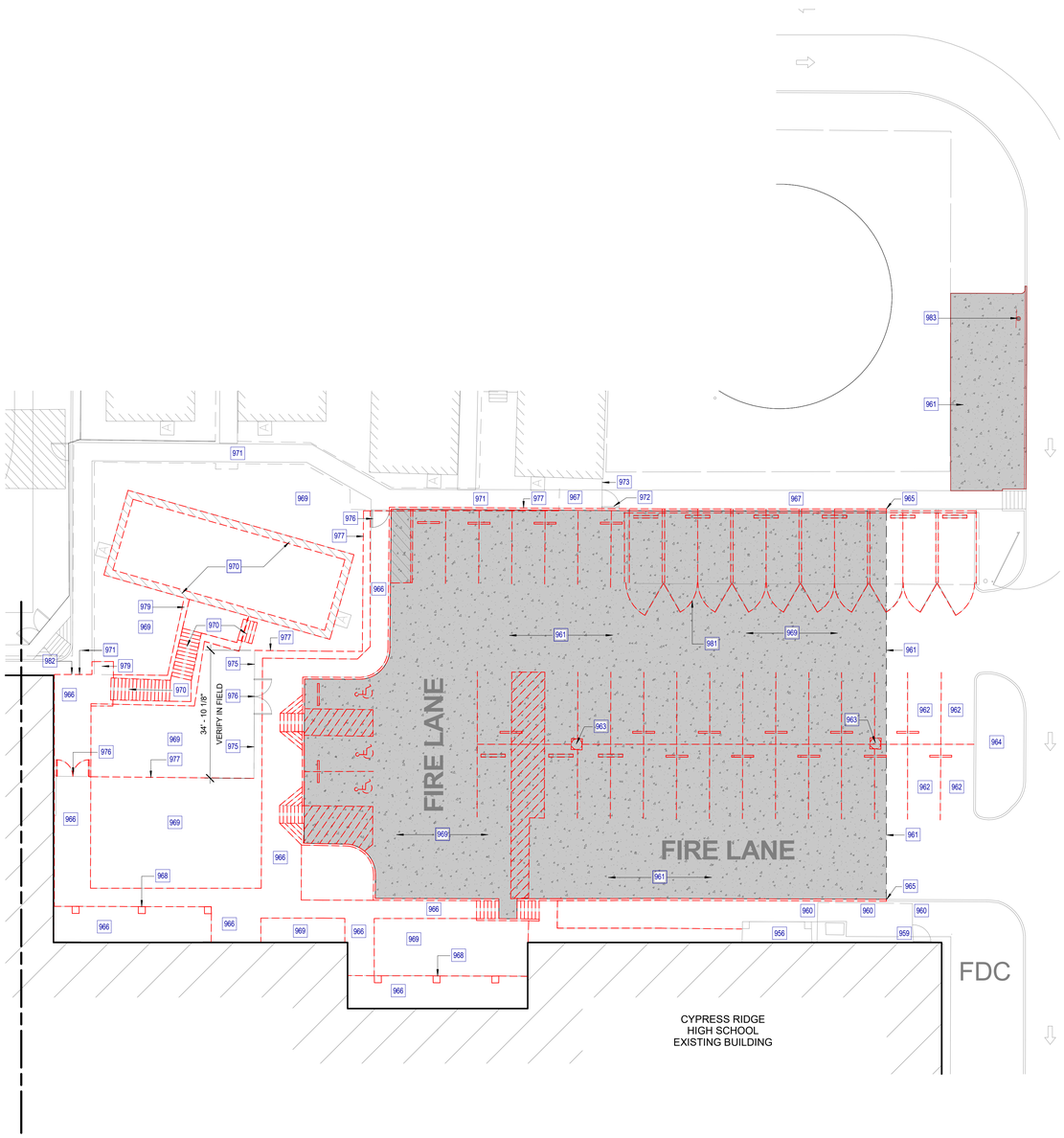
Author	Checker

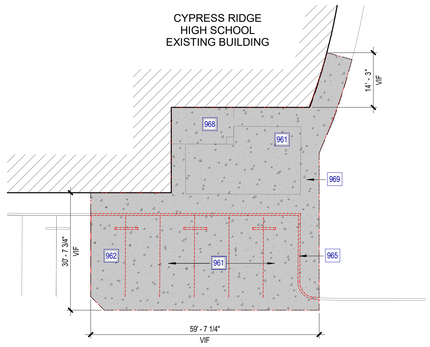
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL DEMOLITION - ARCHITECTURAL SITE PLAN

SHEET NUMBER
AD-AS-101



1 **ARCHITECTURAL - DEMOLITION - ENLARGED SITE PLAN - BUILDING ADDITION**
SCALE: 1/16" = 1'-0"



2 **ARCHITECTURAL - DEMOLITION - ENLG SITE PLAN - AUDITORIUM STORAGE ADDITION**
SCALE: 1/16" = 1'-0"

KEYED NOTES

NUMBER	DESCRIPTION
956	EXISTING CANOPY TO REMAIN PROTECT IN PLACE
959	EXISTING GATE TO REMAIN. PROTECT IN PLACE.
960	EXISTING FENCE TO REMAIN - PROTECT IN PLACE
961	PORTION OF EXISTING CONCRETE PAVEMENT, STRIPING, CURB RAMPS, AND CURBS TO BE DEMOLISHED. REF. CIVIL FOR ADDITIONAL DETAILS AND EXTENT OF DEMOLITION. CAREFULLY REMOVE AND SALVAGE WHEEL STOPS FOR RE-USE.
962	REMOVE EXISTING PAVEMENT STRIPING AND PREP AREA FOR RESTRIPING. CAREFULLY REMOVE AND SALVAGE WHEELSTOPS FOR RE-USE.
963	REMOVE EXISTING LIGHT POLE AND POLE BASE. REF. ELECTRICAL AND CIVIL FOR UTILITY CAPS AND ADDITIONAL DETAILS.
964	EXISTING PARKING MEDIAN AND CURBS TO REMAIN. PROTECT IN PLACE. PREP FOR NEW LOCATION OF LIGHT POLE. RE: CIVIL AND ELECTRICAL DRAWINGS.
965	REMOVE PORTION OF EXISTING CURB AND PREP FOR NEW CURB LAYOUT.
966	DEMOLISH EXISTING SIDEWALK.
967	PORTION OF EXISTING SIDEWALK TO REMAIN FOR RE-USE. PROTECT IN PLACE. RE:CIVIL DRAWINGS
968	DEMOLISH EXISTING CANOPY SYSTEM, COLUMNS, AND FOOTINGS. PREP AREA FOR NEW BUILDING ADDITION. REF. PLANS, CIVIL, STRUCTURAL AND MEP DRAWINGS FOR ADDITIONAL DETAILS.
969	REFER TO CIVIL, STRUCTURAL, AND MEP DWGS FOR EXTENT OF DEMOLITION AND PREP AREA FOR NEW BUILDING ADDITION.
970	GC SHALL CAREFULLY REMOVE AND RELOCATE EXISTING TEMPORARY BUILDING TO CYPRESS FALLS HS. COORDINATE RELOCATION WITH OWNER. DEMO RAMP. ASSOCIATED TEMPORARY BUILDING UTILITIES TO BE REMOVED FROM SITE PRIOR TO SITE DEMOLITION. ALL REMAINING TEMPORARY BUILDINGS, UTILITIES, ETC. SHALL REMAIN AND BE PROTECTED IN PLACE DURING DEMOLITION AND CONSTRUCTION FOR RE-USE.
971	EXISTING CANOPY SYSTEM TO REMAIN. PROTECT IN PLACE FROM DAMAGE.
972	EXISTING GATE TO REMAIN. REMOVE AND REINSTALL AS NEEDED FOR SITEWORK. GC SHALL PROTECT FROM DAMAGE.
973	PORTION OF EXISTING FENCE TO REMAIN. REMOVE AND REINSTALL AS NEEDED FOR SITEWORK. GC SHALL PROTECT FROM DAMAGE.
975	REMOVE AND RELOCATE PORTION OF EXISTING FENCE PANELS. GC SHALL PROTECT FENCE PANELS FROM DAMAGE FOR RE-USE. PREP FENCE PANELS TO BE INSTALLED AT NEW FENCE POSTS. REFER TO NEW SITE PLAN.
976	REMOVE EXISTING GATE. PROTECT GATE FROM DAMAGE AND COORDINATE TO RETURN BACK TO OWNER.
977	REMOVE PORTION OF EXISTING FENCE. PROTECT FENCE FROM DAMAGE AND COORDINATE TO RETURN BACK TO OWNER.
979	DEMOLISH A PORTION OF THE EXISTING CANOPY.
981	REMOVE EXISTING AUTOSHOP CHAIN LINK FENCE AND GATES. GC SHALL PROVIDE NEW FENCE AND GATES TO MATCH EXISTING.
982	PREP PORTION OF EXISTING CANOPY TO REMAIN TO RECEIVE NEW METAL CHANNEL AND FINISHED END FASCIA (BY CANOPY MANUFACTURER). MATCH EXISTING. REFER TO SITE PLAN.
983	DEMO EXISTING SIGN AND POST.

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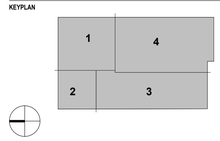

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
STEPHEN LANE WINCHESTER
No. 21908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	ABBREV
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL DEMOLITION - ENLARGED ARCHITECTURAL SITE PLAN

SHEET NUMBER
AD-AS-101-1

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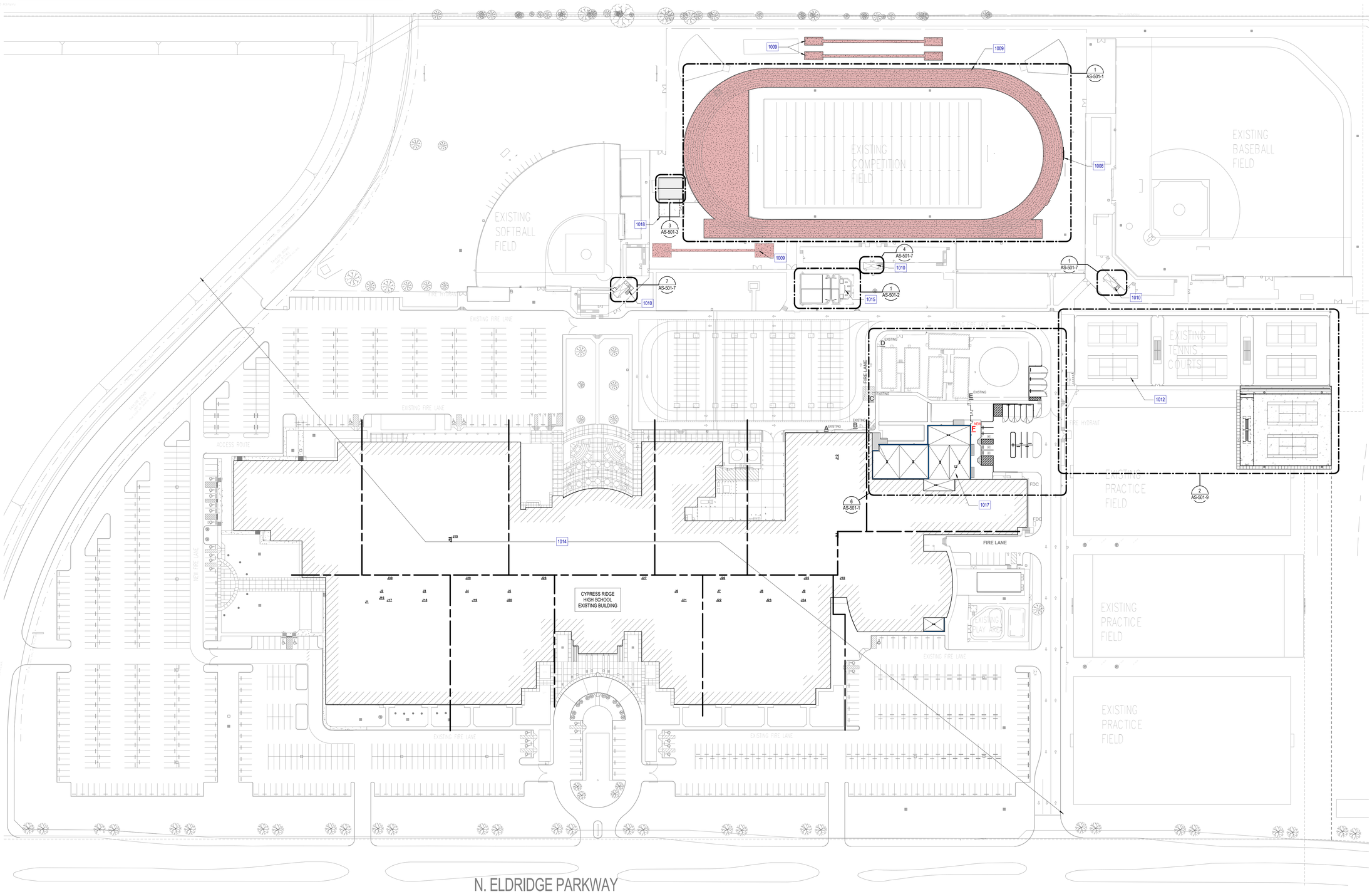
KEYED NOTES

NUMBER	DESCRIPTION
1008	REPLACE EXISTING HIGH SCHOOL FOOTBALL SCOREBOARD. NEW SCOREBOARD SHALL INCLUDE TEAM NAME AND CUSTOM 2-TONED COLOR. COORDINATE WITH OWNER FOR APPROVAL OF FINAL DESIGN PRIOR TO FABRICATION. NEW SCOREBOARD SHALL BE HARDWIRED. CONDUIT SHALL RUN AROUND EXISTING TRACK'S PERIMETER. REFER TO CIVIL AND MEPT DRAWINGS FOR ADDITIONAL DETAILS.
1009	STRIP TOP LAYER OF EXISTING SYNTHETIC TRACK SURFACE. REFER TO PLAN FOR LOCATIONS. GC SHALL UPDATE TRACK TO INCLUDE NEW 30M EXCHANGE ZONE LAYOUT. VERIFY LOCATIONS OF EXPANSION JOINT AND TRACK SURFACE CRACKS AND REPAIR. REFER TO CIVIL FOR ADDITIONAL DETAILS.
1010	EXISTING PRESSBOX RENOVATIONS. REFER TO DEMOLITION AND NEW PLANS.
1012	RENOVATE EXISTING TENNIS COURTS. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
1014	REMOVE AND REPLACE PAVING JOINT SEALANT THROUGHOUT SITE. REFERENCE CIVIL DRAWINGS FOR ADDITIONAL DETAILS.
1015	REPLACE ICE MACHINE AND PROVIDE EXHAUST IN THE CONCESSIONS BUILDING. REFER TO MEP DRAWINGS FOR ADDITIONAL DETAILS.
1017	PROPOSED LOCATION FOR BUILDING ADDITION
1018	ATHLETIC STORAGE BUILDING LOCATION. REFER TO DRAWINGS FOR ADDITIONAL DETAILS.



1 **ARCHITECTURAL - OVERALL SITE PLAN**
SCALE: 1" = 60'-0"

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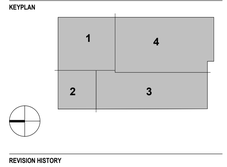
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	ABBREV
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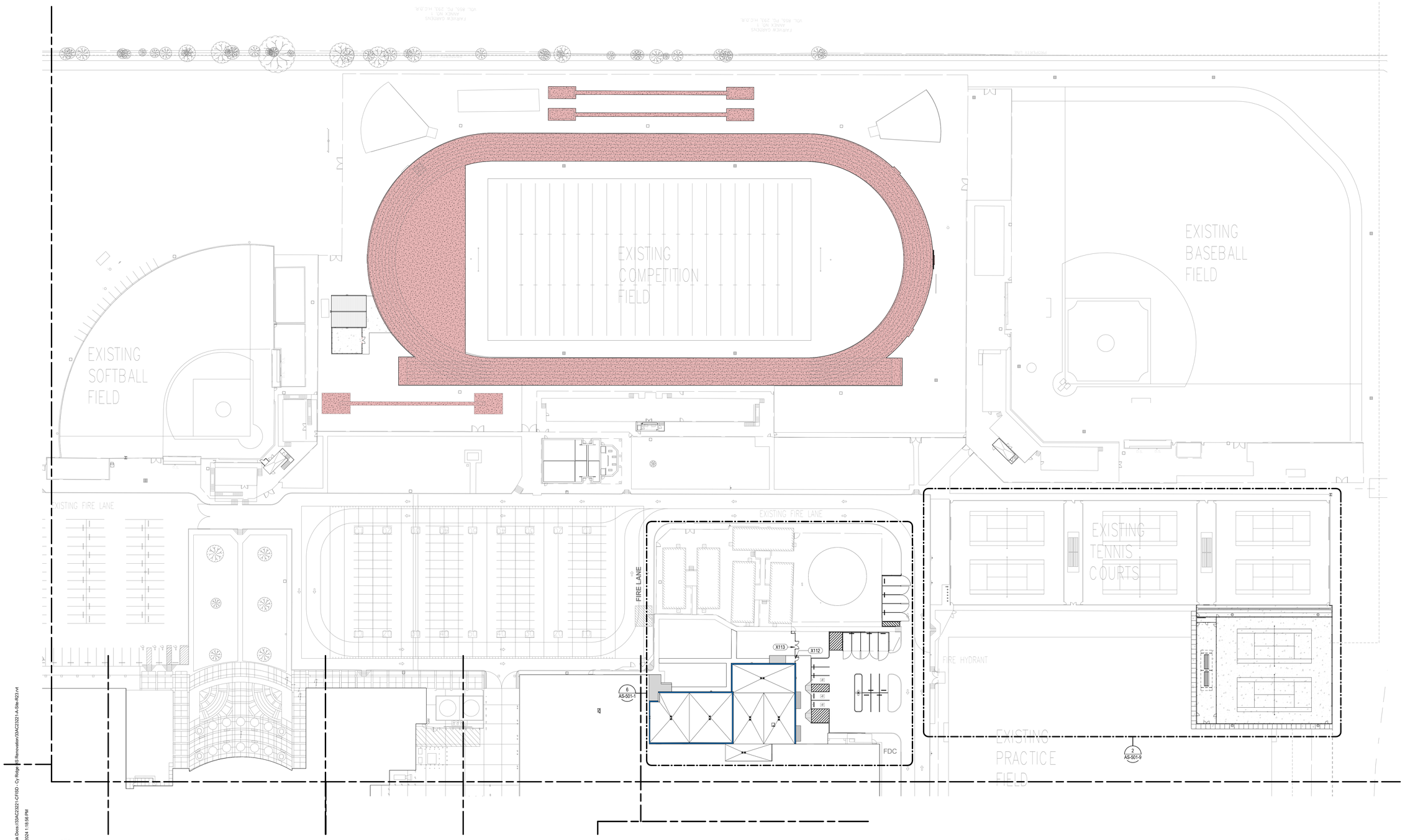
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - SITE PLAN

SHEET NUMBER
AS-101



1 **ARCHITECTURAL - SITE PLAN - AREA 4 - OPTION D - REVISED**
SCALE: 1" = 40'-0"

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KEYED NOTES

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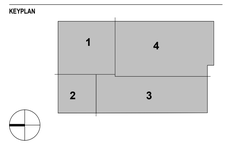

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
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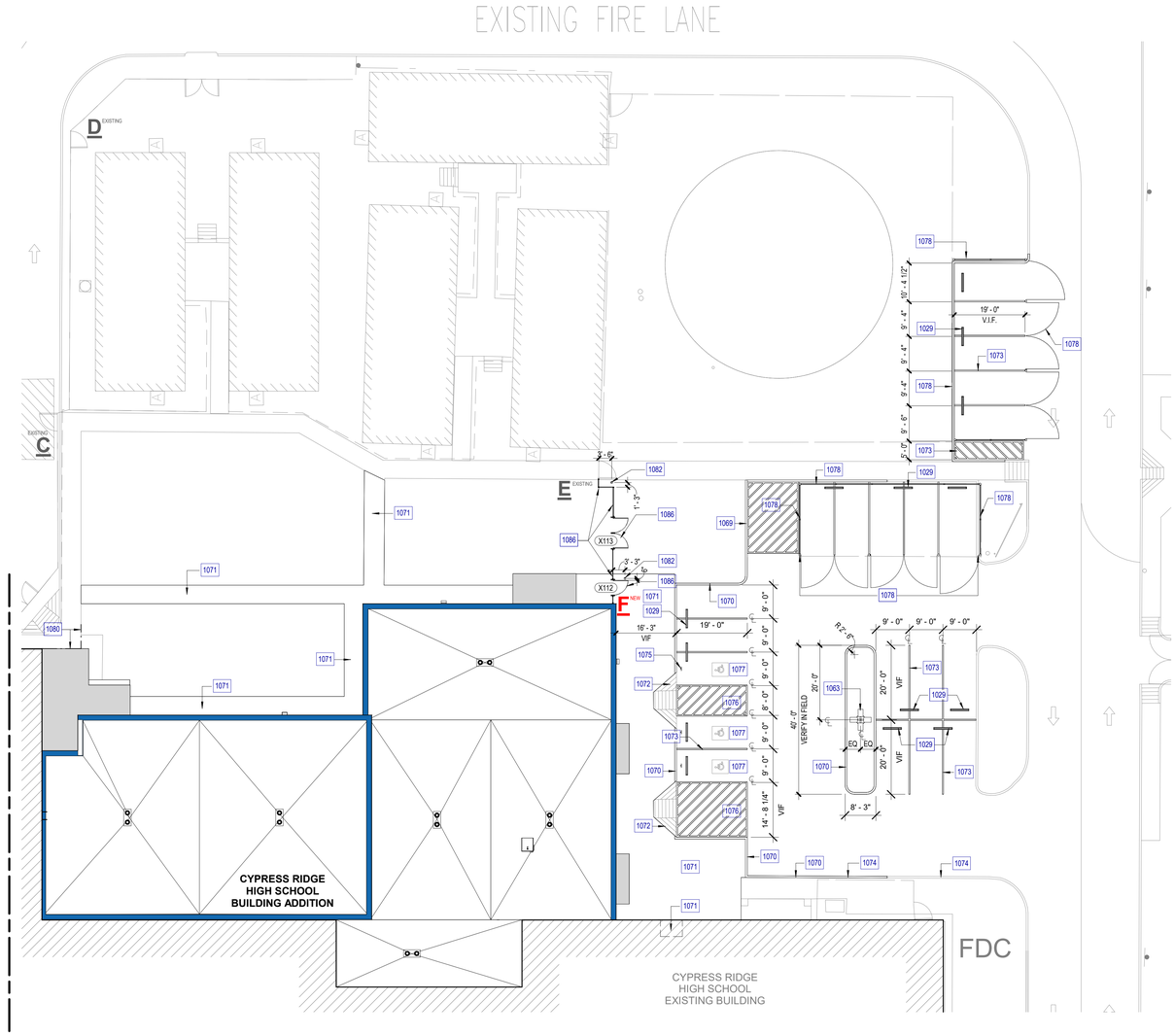
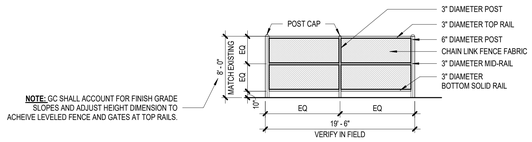
SHEET NAME
ARCHITECTURAL - SITE PLAN - AREA 4

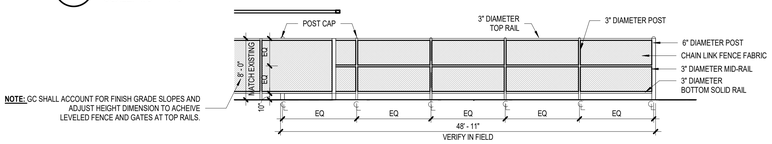
SHEET NUMBER
AS-101-4-2



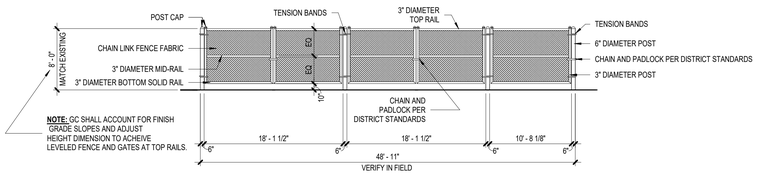
6 ARCHITECTURAL - ENLARGED SITE PLAN - BUILDING ADDITION
SCALE: 1/16" = 1'-0"



5 AUTO SHOP CHAIN LINK FENCE AND GATE REPLACEMENT - ELEVATION 3 &4
SCALE: 1/8" = 1'-0"



4 AUTO SHOP CHAIN LINK FENCE AND GATE REPLACEMENT - ELEVATION 2
SCALE: 1/8" = 1'-0"



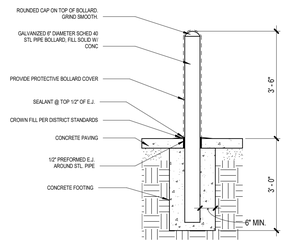
3 AUTO SHOP CHAIN LINK FENCE AND GATE REPLACEMENT - ELEVATION 1
SCALE: 1/8" = 1'-0"

KEYED NOTES

NUMBER	DESCRIPTION
1029	REINSTALL EXISTING CONCRETE WHEEL STOP SET WITH REBAR AND NON-SHRINK EPOXY.
1063	NEW SITE LIGHTING POLE AND FIXTURE. GC SHALL PROVIDE POLE BASE. REFERENCE ELECTRICAL.
1069	LAY DOWN CURB. REFER TO CIVIL DRAWINGS FOR EXACT LOCATIONS AND DETAILS.
1070	NEW CURB, REFERENCE CIVIL DRAWINGS.
1071	NEW SIDEWALK, REFERENCE CIVIL DRAWINGS.
1072	NEW CURB RAMP. REFERENCE CIVIL DRAWINGS. COMPLY WITH TAS STANDARDS.
1073	NEW PARKING STRIPING PER AHJ AND DISTRICT STANDARDS - PAINT STANDARD YELLOW.
1074	NEW FIRE LANE STRIPING PER AHJ AND DISTRICT STANDARDS - PAINTED RED.
1075	NEW ADA PARKING SIGNAGE MOUNTED TO INTEGRAL GALVANIZED STEEL POST SET IN CONCRETE FOOTING. FILL FOR FOOTING SHALL BE CROWNED.
1076	NEW ADA STRIPING PER TAS AND DISTRICT STANDARDS - PAINT STANDARD YELLOW.
1077	NEW ADA SIGNAGE PER TAS STANDARDS.
1078	NEW AUTOSHOP CHAIN LINK FENCE AND GATES – MATCH EXISTING. REFER TO ELEVATIONS. COORDINATE FINISH W/ OWNER AND ARCHITECT.
1080	INSTALL NEW METAL CHANNEL AND FINISHED END FASCIA TO PORTION OF EXISTING CANOPY (BY CANOPY MANUFACTURER). MATCH EXISTING.
1082	6" DIAMETER GALVANIZED PIPE BOLLARD - CONCRETE FILLED WITH ROUNDED TOP. PROVIDE PROTECTIVE COVER FOR BOLLARDS. RE: STRUCTURAL DRAWINGS
1086	INSTALL NEW ORNAMENTAL METAL FENCE AND GATES PER DISTRICT STANDARDS. ATTACH NEW FENCE TO EXISTING GATE AND FENCE. REPAINT MODIFIED AREAS OF EXISTING GATE AND FENCE TO MATCH EXISTING. REFER TO SCHEDULE.

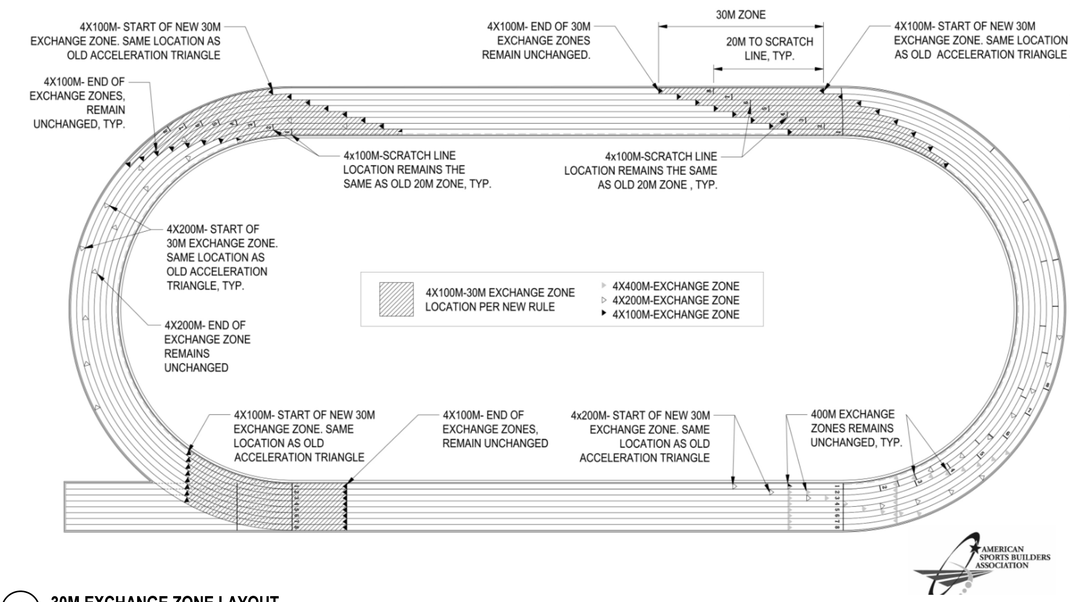
GENERAL NOTES

1. AT ANY CHAIN LINK OR ORNAMENTAL GATE THAT DOES NOT RECEIVE A PANIC HARDWARE DEVICE, CONTRACTOR SHALL SUPPLY AND INSTALL CHAIN AND AMERICAN PADLOCK, KEYED TO DISTRICT KEY 64335.
2. CHAIN TO BE WELDED TO FENCE AND LOCK TO BE WELDED TO CHAIN.
3. REFER TO TYPICAL CHAIN LINK FENCE AND GATE DETAILS ON AS01-4.



2 TYPICAL BOLLARD DETAIL
SCALE: 1/2" = 1'-0"

NEW 30M EXCHANGE ZONE LAYOUT



1 30M EXCHANGE ZONE LAYOUT
NOT TO SCALE

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281.664.1900

CIVIL ENGINEER
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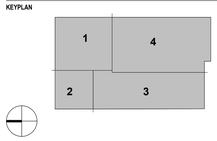
Katy, Texas 77449
281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architecs
6925 Portwest Drive
Suite 100
Houston, Texas 77024
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22021	ABBREV
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

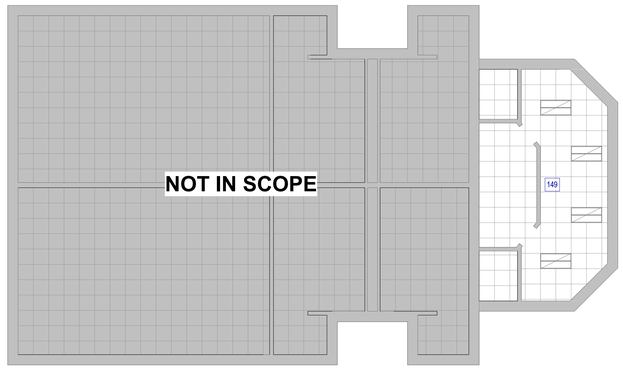
SHEET NAME
ARCHITECTURAL - SITE DETAILS, ELEVATIONS, ETC

SHEET NUMBER
AS-501-1

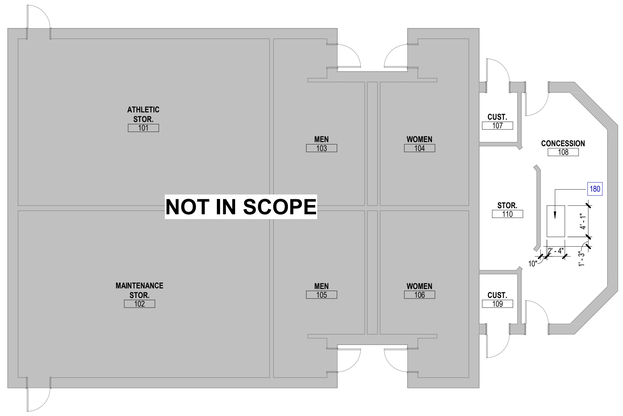
FILE PATH: Autodesk Docs://33AC22021-CFISD - Cy Ridge HS Renovation/33AC22021-A-Site-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 1:19:00 PM

KEYED NOTES

NUMBER	DESCRIPTION
149	REF: MEP FOR SCOPE OF WORK
180	EXISTING AUDITORIUM CHAIRS SHALL BE PROTECTED FROM DAMAGE DURING NEW FLOOR FINISH INSTALLATION.



2 ARCHITECTURAL - CONCESSION BLDG. CEILING PLAN
SCALE: 1/8" = 1'-0"



1 ARCHITECTURAL - CONCESSION BLDG. FLOOR PLAN
SCALE: 1/8" = 1'-0"

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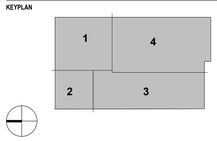
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
JOHN LANE WINCHESTER
22908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

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DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - CONCESSION BLDG.

SHEET NUMBER
AS-501-2

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-Site-R23.rvt
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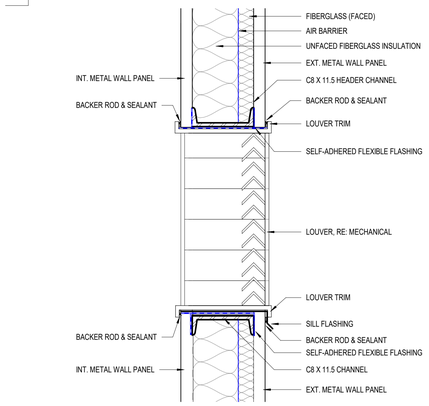
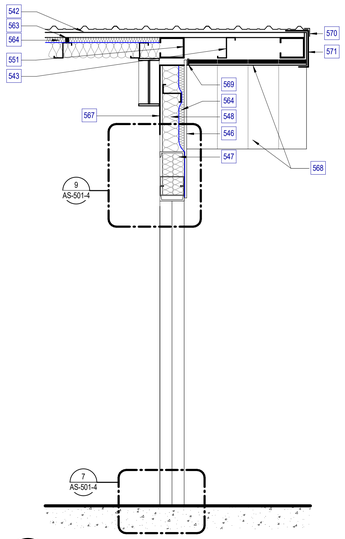
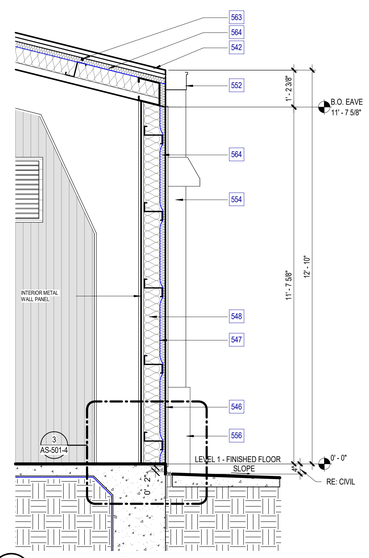


12 SECTION @ LOUVER
SCALE: 1 1/2" = 1'-0"



11 WALL SECTION - B
SCALE: 1/2" = 1'-0"



10 WALL SECTION - A
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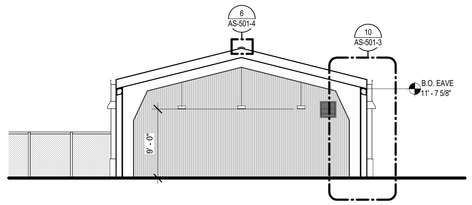

9 BUILDING SECTION
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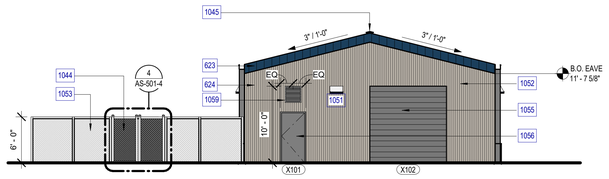
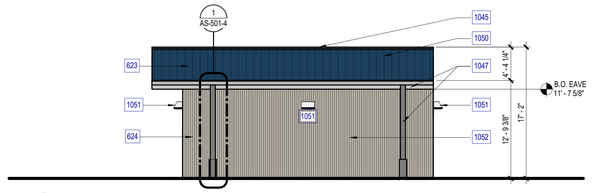
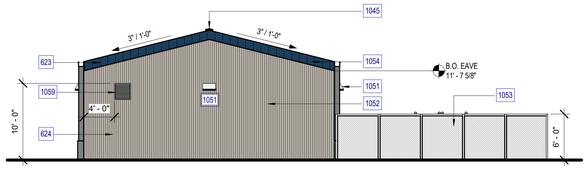


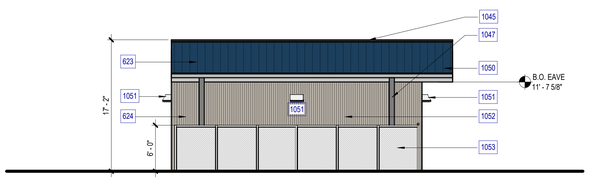
8 ARCHITECTURAL - EXTERIOR COLOR ELEVATION - EAST
SCALE: 1/8" = 1'-0"



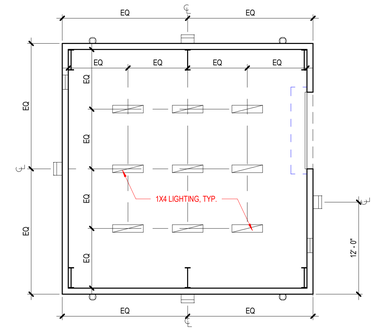
7 ARCHITECTURAL - EXTERIOR COLOR ELEVATION - NORTH
SCALE: 1/8" = 1'-0"



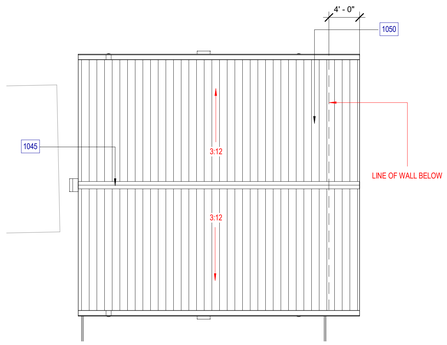
6 ARCHITECTURAL - EXTERIOR COLOR ELEVATION - WEST
SCALE: 1/8" = 1'-0"



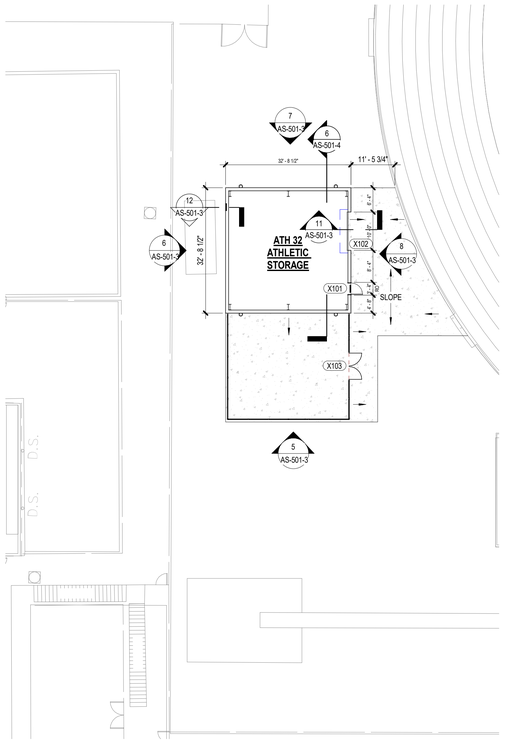
5 ARCHITECTURAL - EXTERIOR COLOR ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"



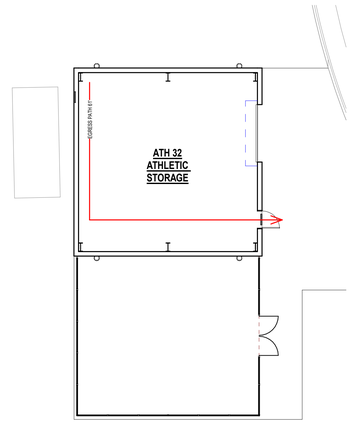
4 ATH 32 - ARCHITECTURAL - CEILING PLAN - AREA 4 ENLARGED PLAN - ATHLETIC STORAGE BLDG.
SCALE: 1/8" = 1'-0"



3 ATH 32 - ARCHITECTURAL - ROOF PLAN - AREA 4 ENLARGED PLAN - ATHLETIC STORAGE BLDG.
SCALE: 1/8" = 1'-0"



2 ATH 32 - ARCHITECTURAL - SITE PLAN - AREA 4 ENLARGED PLAN - ATHLETIC STORAGE BLDG.
SCALE: 1/16" = 1'-0"



1 CODE ANALYSIS PLAN - ATHLETIC STORAGE BLDG.
SCALE: 3/32" = 1'-0"

KEYED NOTES

NUMBER	DESCRIPTION
542	STANDING SEAM METAL ROOF
543	EAVES STRUT
546	1 1/2" METAL WALL PANEL
547	AIR BARRIER
548	6" UNFACED FIBERGLASS INSULATION
551	EAVES STRUT
552	PRE-FIN. MTL. GUTTER
554	PRE-FIN. MTL. DOWNSPOUT
556	DOWNSPOUT BOOT, TYP.
563	THERMAL BLOCK
564	2" FIBERGLASS (LAMINATED) OVER AIR BARRIER
567	INTERIOR METAL WALL PANEL
568	METAL SOFFIT PANELS BY PEMB MANUFACTURER (MATCH ROOF COLOR)
569	METAL SOFFIT TRIM
570	METAL GABLE TRIM
571	METAL FASCIA (MATCH ROOF COLOR)
623	MCELROY METAL - REGAL BLUE
624	MCELROY METAL - SURREY BEIGE
1044	CHAIN LINK GATE
1045	METAL RIDGE VENT /TRIM
1047	PRE-FINISH METAL GUTTER AND DOWNSPOUT
1050	STANDING SEAM METAL ROOF
1051	WALL PACK LIGHTING, REF. ELECTRICAL
1052	PRE-FINISHED METAL PANELS
1053	CHAIN LINK FENCE
1054	PRE-FINISHED METAL FASCIA
1055	OVERHEAD METAL DOOR
1056	HOLLOW METAL DOOR AND FRAME
1059	INSTALL 24" X 22" WIND-DRIVEN RAIN RESISTANT INTAKE LOUVER. INCLUDE BIRD SCREEN. REF. MEP. COORDINATE WITH ARCHITECT ON COLOR SELECTIONS TO MATCH METAL WALL PANEL.

FINISH LEGEND

SYMBOL	DESCRIPTION
	MT-1
	MT-2
	PT-1S (SITE)

FINISH PHOTOS

MT-1

MT-2

CODE ANALYSIS NOTES

NEW CONSTRUCTION: ATHLETIC STORAGE BLDG.

PRIMARY OCCUPANCY: GROUP E **TYPE:** II-B
ALLOWABLE HEIGHT: 55 FEET (NON-SPRINKLERED)
TOTAL HEIGHT PROVIDED: 17' - 2"
ALLOWABLE NUMBER OF STORIES: 2
ALLOWABLE AREA FACTOR:
(NON-SPRINKLERED): 14,500 SQ. FT.

TOTAL AREA PROVIDED: 1,069 SQ. FT.

TOTAL OCCUPANT LOAD: 4 OCCUPANTS

TOTAL EGRESS CAPACITY PROVIDED: 160 OCCUPANTS

CALCULATIONS PER IBC 2018

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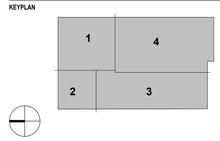
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

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12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

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Houston, TX 77041

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33AC22021	ABBREV
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - ATHLETIC STORAGE BLDG.

SHEET NUMBER
AS-501-3

FILE PATH: Autodesk Docs://33AC22021-CFISD - Cy Ridge HS Renovation/33AC22021-A-Site-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 1:19:06 PM

GENERAL NOTES

1. AT ANY CHAIN LINK OR ORNAMENTAL GATE THAT DOES NOT RECEIVE A PANIC HARDWARE DEVICE, CONTRACTOR SHALL SUPPLY AND INSTALL CHAIN AND AMERICAN PADLOCK, KEYED TO DISTRICT KEY 64335.
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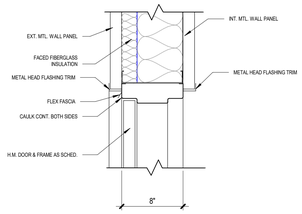
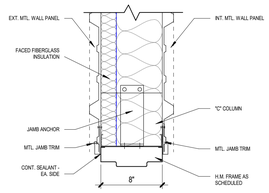
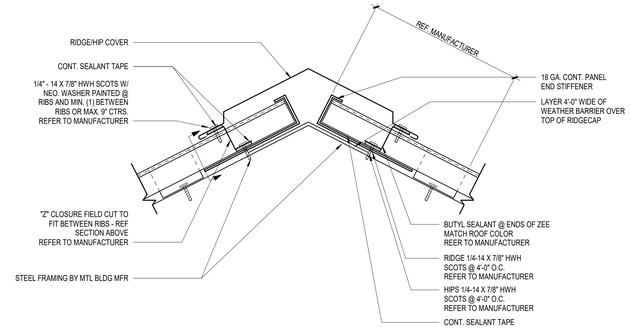
3. REFER TO TYPICAL CHAIN LINK FENCE AND GATE DETAILS ON A501-4.



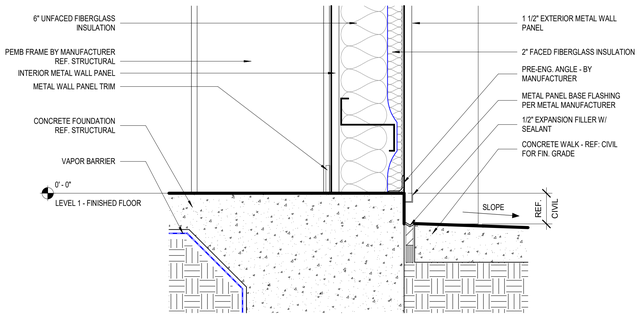
11 SITE (ASB) - HOLLOW METAL
SCALE: 1 1/2" = 1'-0"



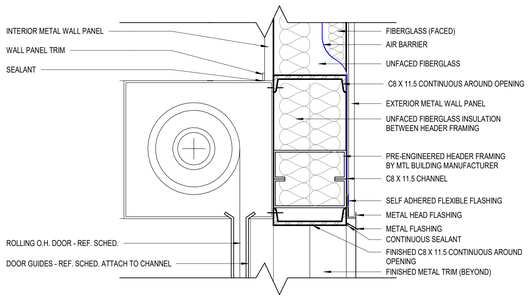
10 SITE (ASB) - HOLLOW METAL
SCALE: 1 1/2" = 1'-0"



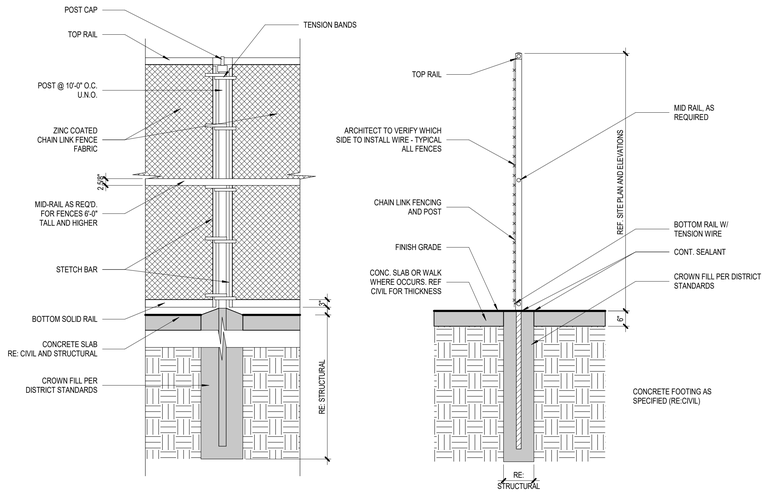
6 TYPICAL RIDGE/HIP FLOATING DETAIL
SCALE: 3" = 1'-0"



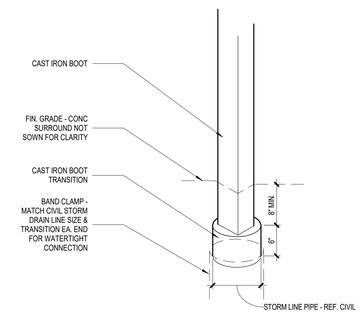
3 WALL SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



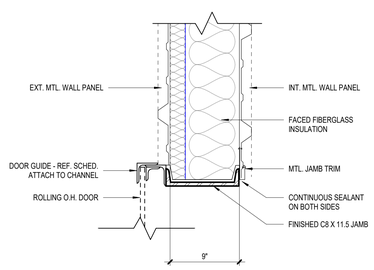
9 OVERHEAD DOOR DETAIL - HEAD @ MTL BLDG
SCALE: 1 1/2" = 1'-0"



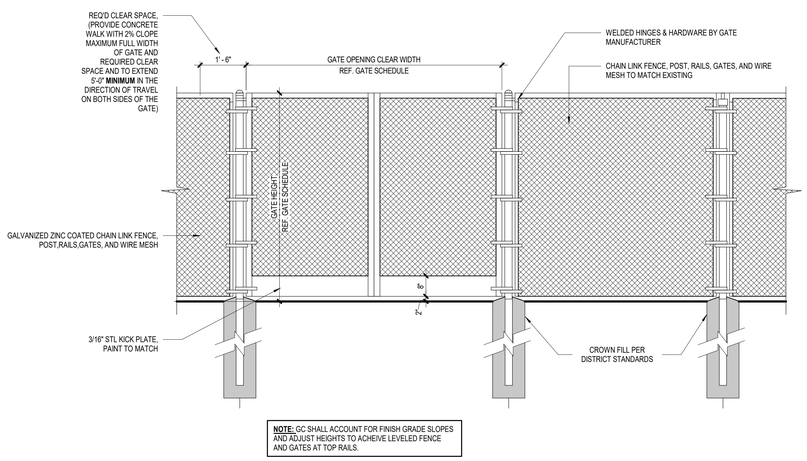
5 TYPICAL CHAIN LINK FENCE DETAILS
SCALE: 1/2" = 1'-0"



2 DOWNSPOUT CONNECTION FOR SUB-GRADE DRAINAGE 2
SCALE: 1" = 1'-0"

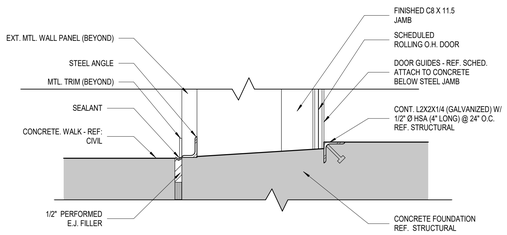


8 OVERHEAD DOOR DETAIL - JAMB
SCALE: 1 1/2" = 1'-0"

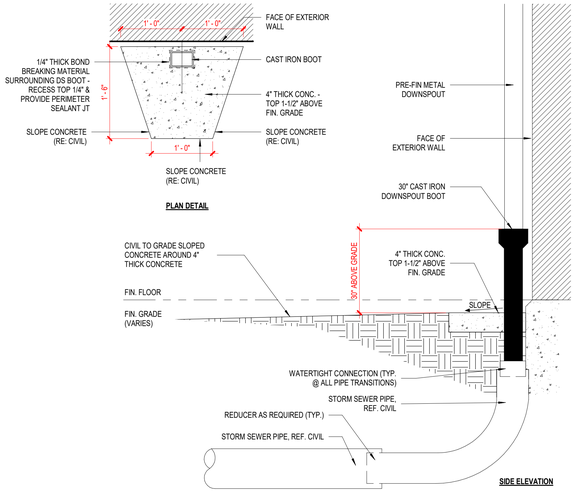


NOTE: GC SHALL ACCOUNT FOR FINISH GRADE SLOPES AND ADJUST HEIGHTS TO ACHEIVE LEVELED FENCE AND GATES AT TOP RAILS.

4 CHAIN LINK FENCE DETAIL - ACCESSIBLE EGRESS GATE
SCALE: 1/2" = 1'-0"



7 OVERHEAD DOOR DETAIL - SILL
SCALE: 1 1/2" = 1'-0"



1 DOWNSPOUT CONNECTION FOR SUB-GRADE DRAINAGE
SCALE: 1" = 1'-0"

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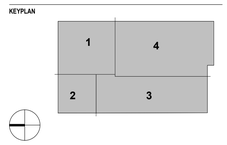
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

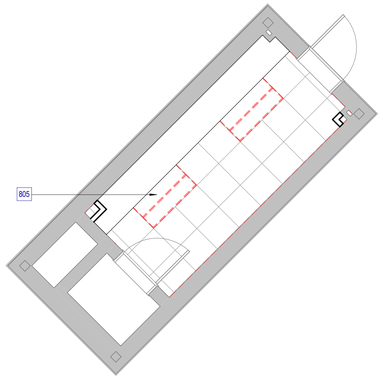
PROJECT NUMBER	ABBREVIATION
33AC23021	ABBREV
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

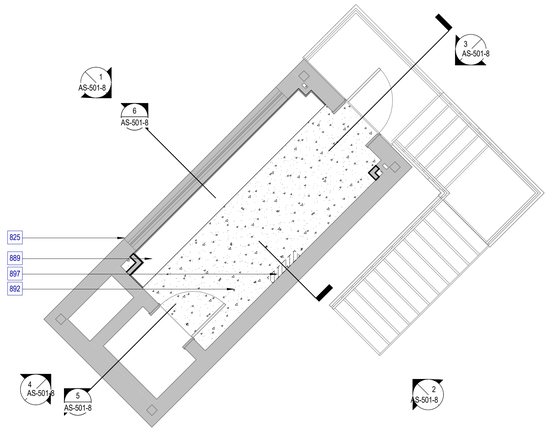
SHEET NAME
ARCHITECTURAL - ATHLETIC STORAGE BLDG. DETAILS

SHEET NUMBER
AS-501-4

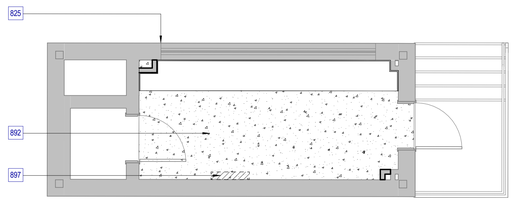
FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-Site-R23.rvt
USER NAME:
DATE & STAMP: 12/6/2024 1:19:08 PM



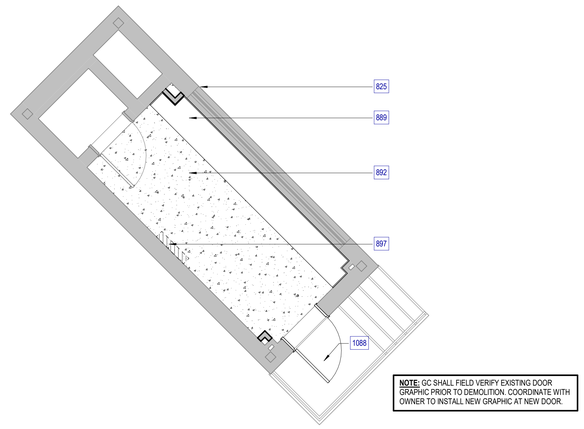
7 **ARCHITECTURAL - DEMOLITION REFLECTED CEILING PLAN - LEVEL 02 (ALL PRESSBOXES)**
SCALE: 1/4" = 1'-0"



6 **ARCHITECTURAL - DEMOLITION PLAN - LEVEL 02 (SOFTBALL)**
SCALE: 1/4" = 1'-0"

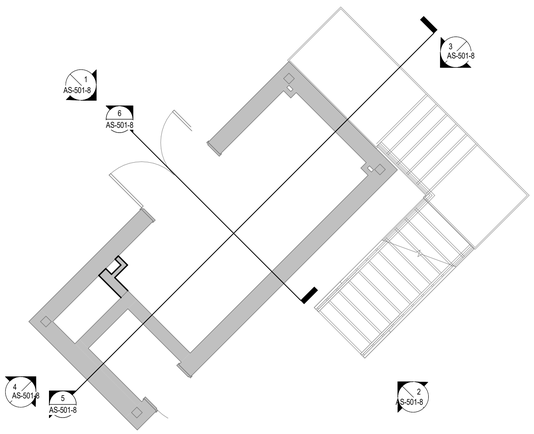


4 **ARCHITECTURAL - DEMOLITION PLAN - LEVEL 02 (FOOTBALL)**
SCALE: 1/4" = 1'-0"

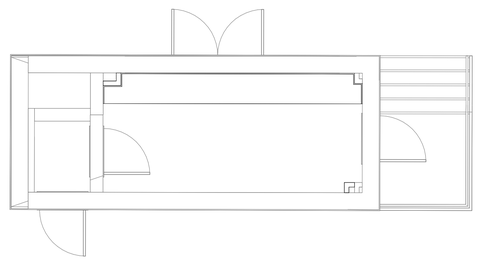


NOTE: GC SHALL FIELD VERIFY EXISTING DOOR GRAPHIC PRIOR TO DEMOLITION. COORDINATE WITH OWNER TO INSTALL NEW GRAPHIC AT NEW DOOR.

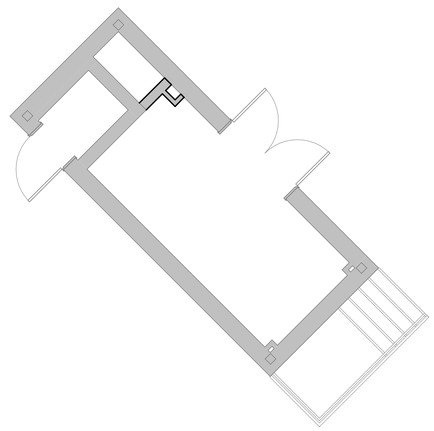
2 **ARCHITECTURAL - DEMOLITION PLAN - LEVEL 02 (BASEBALL)**
SCALE: 1/4" = 1'-0"



5 **ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 (SOFTBALL)**
SCALE: 1/4" = 1'-0"



3 **ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 (FOOTBALL)**
SCALE: 1/4" = 1'-0"



1 **ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 (BASEBALL)**
SCALE: 1/4" = 1'-0"

KEYED NOTES

NUMBER	DESCRIPTION
805	REMOVE EXISTING STAGE AND RAMP. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE NEW INTERVENTION.
825	DEMO EXISTING WINDOW GASKETS AND SEALANT. PREP WINDOW TO RECEIVE NEW GASKETS AND SEALANT.
889	DEMO EXISTING CASEWORK / COUNTERTOP. PREP FOR NEW.
892	EXISTING SILL CONCRETE TO REMAIN IN PLACE. PREP FOR FLOOR TO RECEIVE NEW LVT. REF. NW PLANS.
897	DEMO EXISTING MINI SPLITS TO REPLACE FOR NEW. REF: MEP
1088	DEMO EXISTING DOOR. PREP OPENING TO RECEIVE NEW DOOR.

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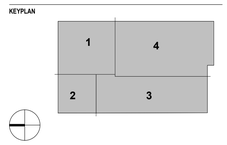

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
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7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	ABBREV
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

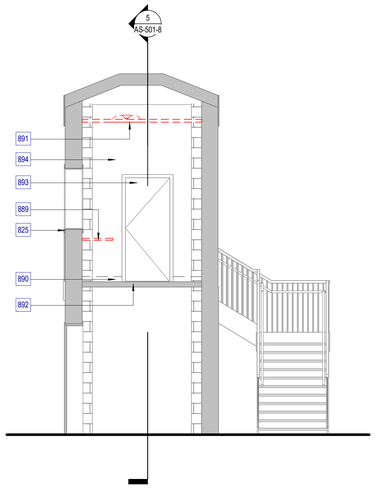
SHEET NAME
ARCHITECTURAL - DEMOLITION PRESSBOX PLAN

SHEET NUMBER
AS-501-5

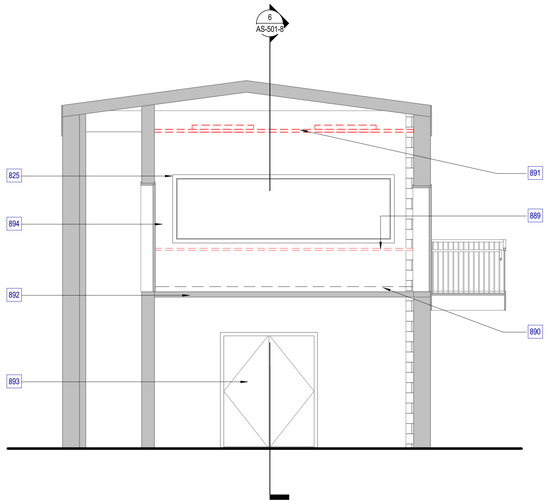
FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-Site-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 1:19:11 PM

KEYED NOTES

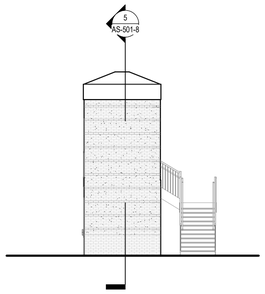
NUMBER	DESCRIPTION
825	DEMO EXISTING WINDOW GASKETS AND SEALANT. PREP WINDOW TO RECEIVE NEW GASKETS AND SEALANT.
889	DEMO EXISTING CASEWORK / COUNTERTOP. PREP FOR NEW.
890	DEMO EXISTING RUBBER WALL BASE. PREP FOR NEW.
891	DEMO EXISTING CEILING AND LIGHT FIXTURES.
892	EXISTING SILL CONCRETE TO REMAIN IN PLACE. PREP FOR FLOOR TO RECEIVE NEW LVT. REF. NW PLANS.
893	PREP. DOOR AND FRAME FOR NEW PAINT.
894	PREP. EXISTING CMU WALL TO RECEIVE NEW PAINT.
896	DEMO EXISTING CONDENSING UNIT AND PREPARE FOR WALL INFILL. REF. ADDITIONAL DETAILS - TYPICAL ALL PRESSBOXES.



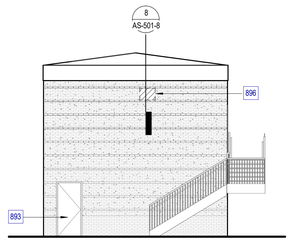
6 ARCHITECTURAL - DEMOLITION - SECTION B
SCALE: 1/4" = 1'-0"



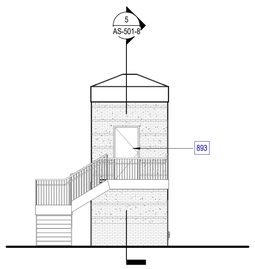
3 ARCHITECTURAL - DEMOLITION - SECTION A
SCALE: 1/4" = 1'-0"



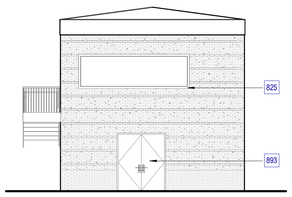
5 ARCHITECTURAL - DEMOLITION - WEST ELEVATION
SCALE: 1/8" = 1'-0"



2 ARCHITECTURAL - DEMOLITION - SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



4 ARCHITECTURAL - DEMOLITION - EAST ELEVATION
SCALE: 1/8" = 1'-0"



1 ARCHITECTURAL - DEMOLITION - NORTH ELEVATION
SCALE: 1/8" = 1'-0"

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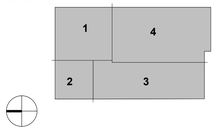

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	ABBREV
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Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PRESSBOX ELEVATIONS

SHEET NUMBER
AS-501-6

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-Site-R23.rvt
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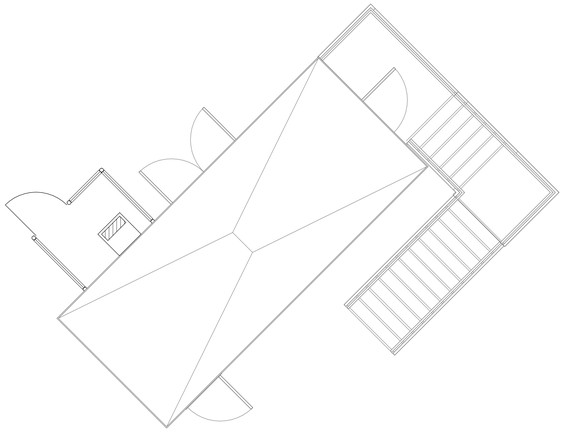
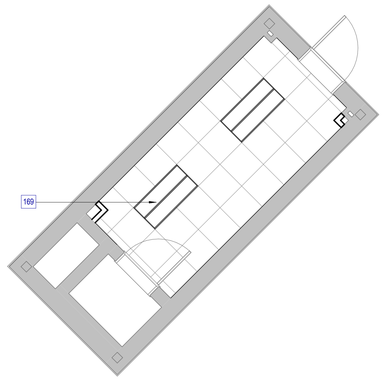
DATE STAMP: - 12/6/2024 11:19:12 PM



9 ARCHITECTURAL - PROPOSED PLAN - ROOF PLAN (ALL PRESSBOXES)
SCALE: 1/4" = 1'-0"



6 ARCHITECTURAL - PROPOSED REFLECTED CEILING PLAN - LEVEL 02 (ALL PRESSBOXES)
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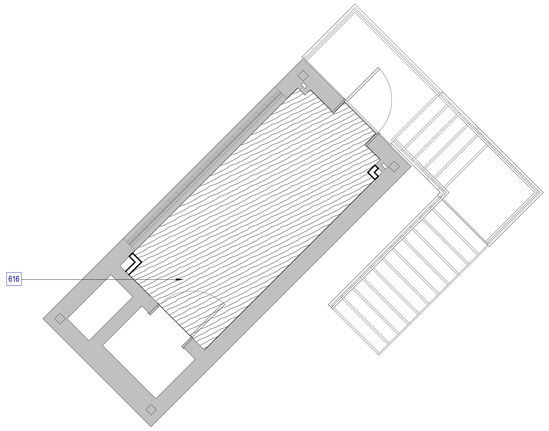
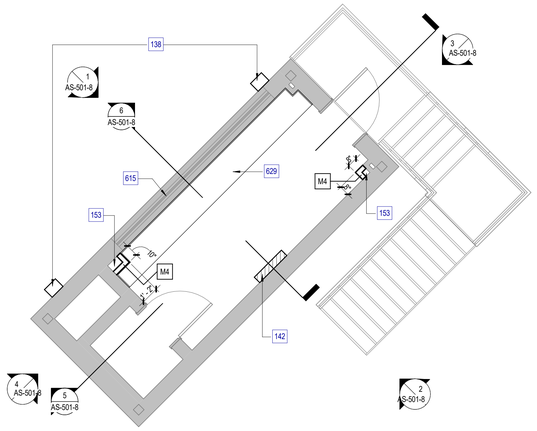
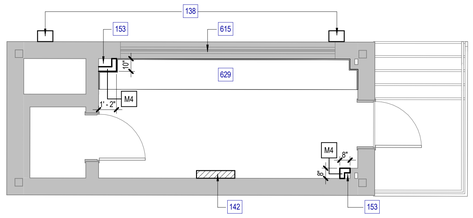


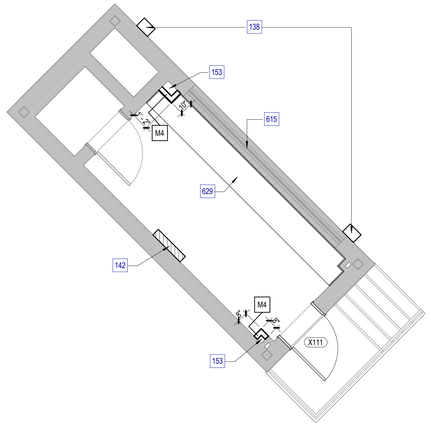
3 ARCHITECTURAL - PROPOSED FINISHED FLOOR PLAN - LEVEL 02 (ALL PRESSBOXES)
SCALE: 1/4" = 1'-0"



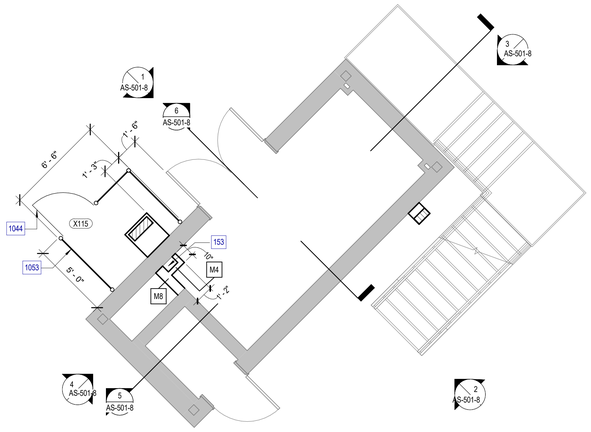
8 ARCHITECTURAL - PROPOSED PLAN - LEVEL 02 (SOFTBALL)
SCALE: 1/4" = 1'-0"



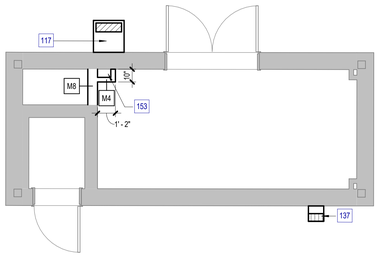
5 ARCHITECTURAL - PROPOSED PLAN - LEVEL 02 (FOOTBALL)
SCALE: 1/4" = 1'-0"



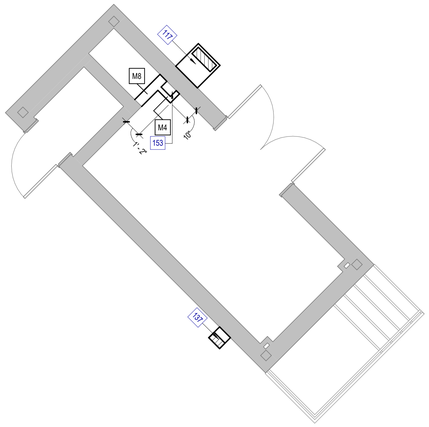
2 ARCHITECTURAL - PROPOSED PLAN - LEVEL 02 (BASEBALL)
SCALE: 1/4" = 1'-0"



7 ARCHITECTURAL - PROPOSED PLAN - LEVEL 01 (SOFTBALL)
SCALE: 1/4" = 1'-0"



4 ARCHITECTURAL - PROPOSED PLAN - LEVEL 01 (FOOTBALL)
SCALE: 1/4" = 1'-0"



1 ARCHITECTURAL - PROPOSED PLAN - LEVEL 01 (BASEBALL)
SCALE: 1/4" = 1'-0"

KEYED NOTES

NUMBER	DESCRIPTION
117	NEW CONDENSING UNITS. REF: MEP
137	FLOOR DRAIN TIED TO THE STORM SYSTEM. REF: MEP AND CIVIL
138	NEW SPEAKERS. REF: TECHNOLOGY
142	NEW MINI SPLITS. REF: MEP
153	NEW CHASE. REFERENCE MEP DRAWINGS.
169	EXISTING ACT AND GRID SYSTEM. INSTALL NEW LIGHT FIXTURES PER ELECTRICAL. PATCH & REPAIR CEILING AS NEEDED.
615	INSTALL NEW GASKETS AND SEALANT AT EXISTING WINDOW. MATCH EXISTING COLOR.
616	NEW LVT AT INTERIOR / CONDITIONED SPACE.
629	QUARTZ COUNTERTOP AND BACKSPLASH
1044	CHAIN LINK GATE
1053	CHAIN LINK FENCE

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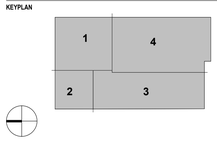

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33AC23221	ABBREV
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Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - PROPOSED PRESSBOX PLAN

SHEET NUMBER
AS-501-7

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-Site-R23.rvt
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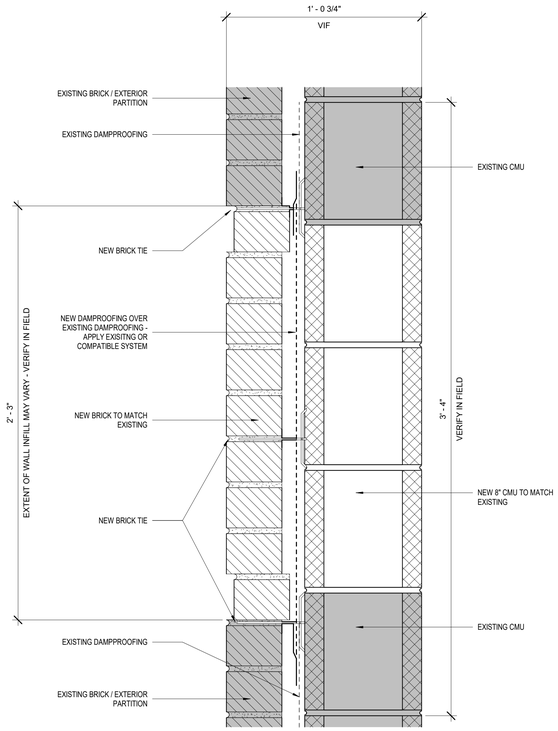
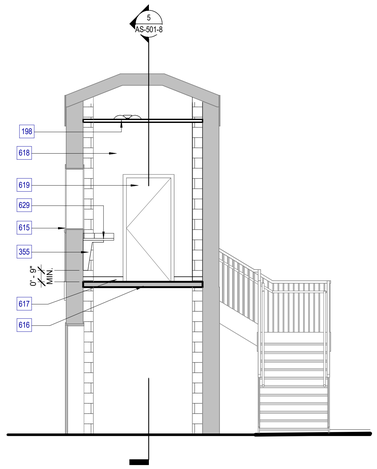


8 **EXISTING CONDENSING UNIT DETAILS**
SCALE: 3" = 1'-0"



6 **ARCHITECTURAL - PROPOSED - SECTION B**
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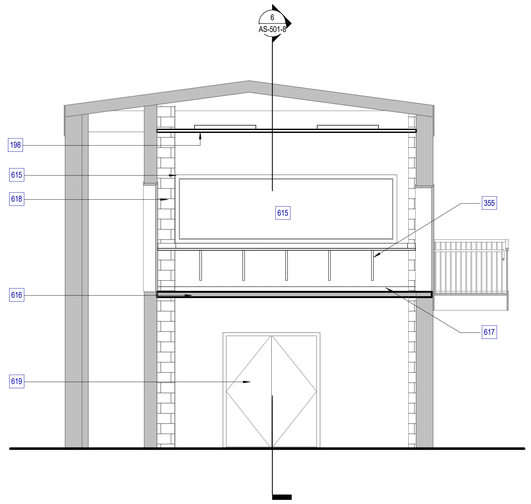

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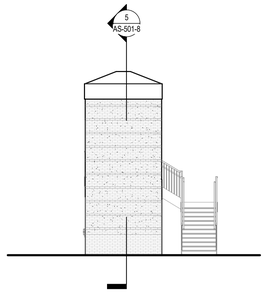
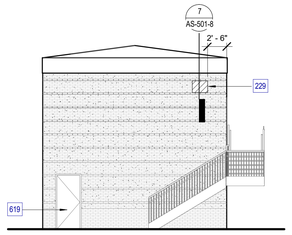


4 **ARCHITECTURAL - PROPOSED - WEST ELEVATION**
SCALE: 1/8" = 1'-0"



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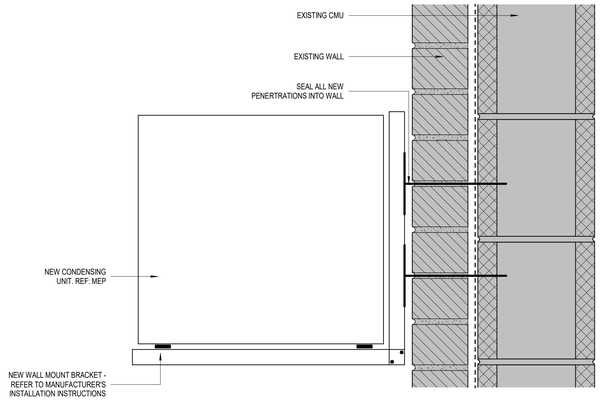
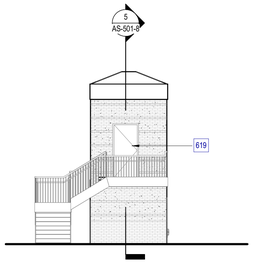
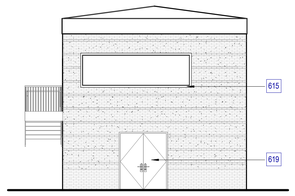
SCALE: 1/8" = 1'-0"



7 **WALL MOUNT DETAILS**
SCALE: 3" = 1'-0"



3 **ARCHITECTURAL - PROPOSED - EAST ELEVATION**
SCALE: 1/8" = 1'-0"



1 **ARCHITECTURAL - PROPOSED - NORTH ELEVATION**
SCALE: 1/8" = 1'-0"

KEYED NOTES

NUMBER	DESCRIPTION
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
229	MOUNT NEW CONDENSING UNIT TO EXISTING WALL WITH MOUNTING BRACKET PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. REF: MEP FOR BRACKET MODEL AND ADDITIONAL DETAILS -TYPICAL ALL PRESSBOXES.
355	INSTALL ADA COUNTERTOP SUPPORT BRACKETS @ 24" O.C.
615	INSTALL NEW GASKETS AND SEALANT AT EXISTING WINDOW. MATCH EXISTING COLOR.
616	NEW LVT AT INTERIOR / CONDITIONED SPACE.
617	NEW 4" RUBBER WALL BASE.
618	NEW PAINT ON INTERIOR CMU WALLS.
619	NEW PAINT ON DOOR AND FRAMES.
629	QUARTZ COUNTERTOP AND BACKSPLASH

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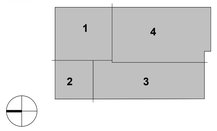
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	ABBREV
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
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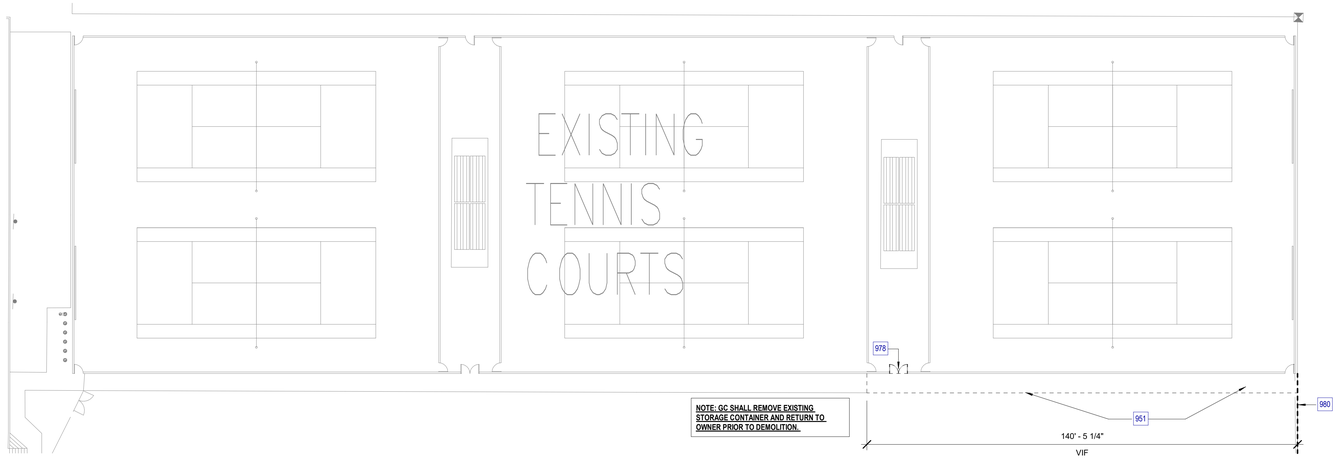
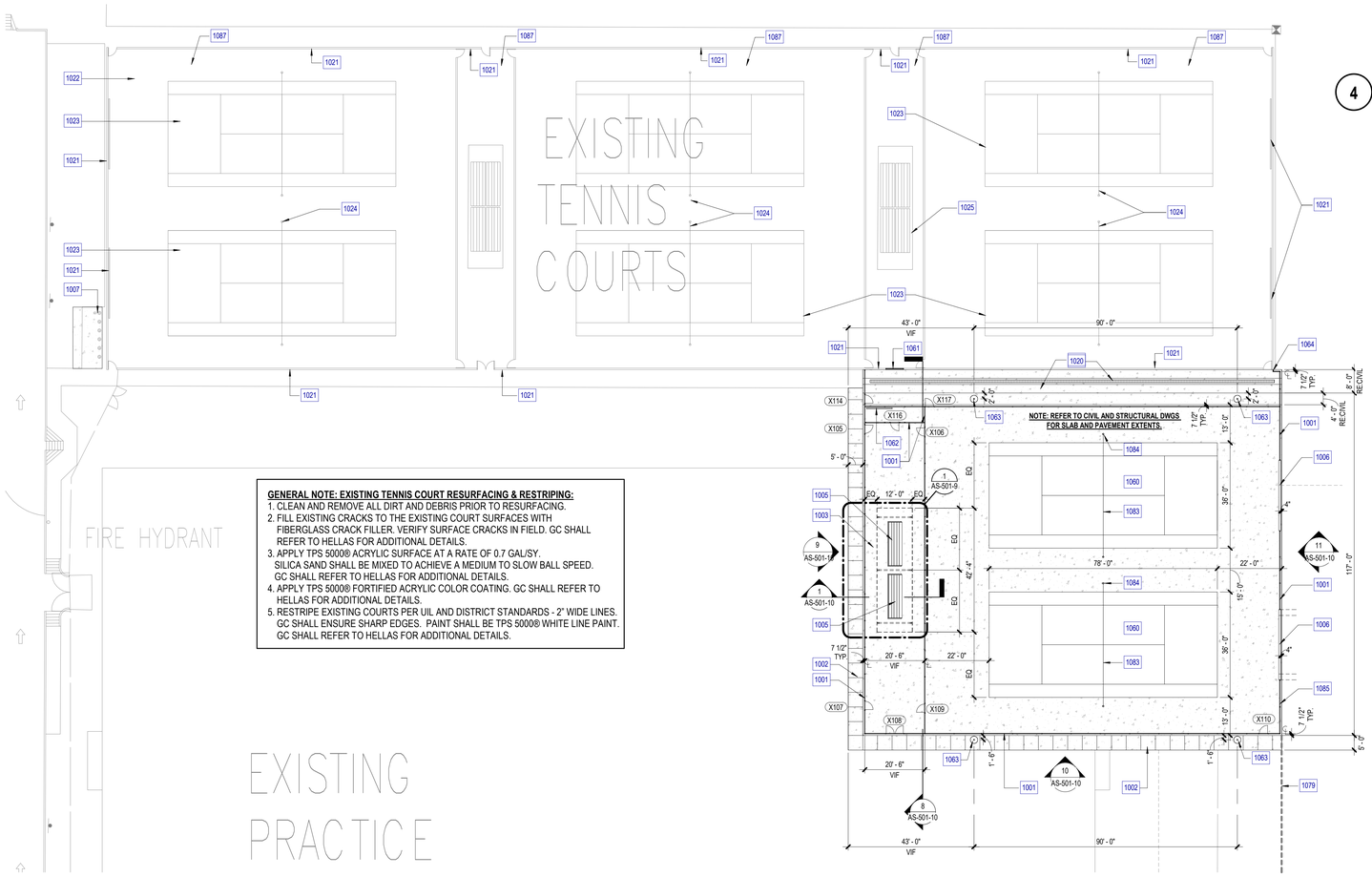


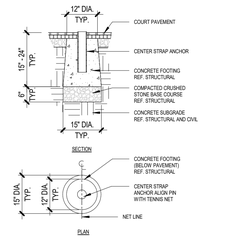
NOTE: GC SHALL REMOVE EXISTING STORAGE CONTAINER AND RETURN TO OWNER PRIOR TO DEMOLITION.

3 DEMOLITION SITE PLAN - EXISTING TENNIS COURTS
SCALE: 1" = 20'-0"

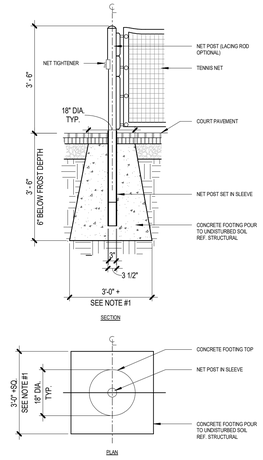


GENERAL NOTE: EXISTING TENNIS COURT RESURFACING & RESTRIPING:
1. CLEAN AND REMOVE ALL DIRT AND DEBRIS PRIOR TO RESURFACING.
2. FILL EXISTING CRACKS TO THE EXISTING COURT SURFACES WITH FIBERGLASS CRACK FILLER. VERIFY SURFACE CRACKS IN FIELD. GC SHALL REFER TO HELLAS FOR ADDITIONAL DETAILS.
3. APPLY TPS 5000® ACRYLIC SURFACE AT A RATE OF 0.7 GAL/SY. SILICA SAND SHALL BE MIXED TO ACHIEVE A MEDIUM TO SLOW BALL SPEED. GC SHALL REFER TO HELLAS FOR ADDITIONAL DETAILS.
4. APPLY TPS 5000® FORTIFIED ACRYLIC COLOR COATING. GC SHALL REFER TO HELLAS FOR ADDITIONAL DETAILS.
5. RESTRIPE EXISTING COURTS PER UIL AND DISTRICT STANDARDS - 2" WIDE LINES. GC SHALL ENSURE SHARP EDGES. PAINT SHALL BE TPS 5000® WHITE LINE PAINT. GC SHALL REFER TO HELLAS FOR ADDITIONAL DETAILS.

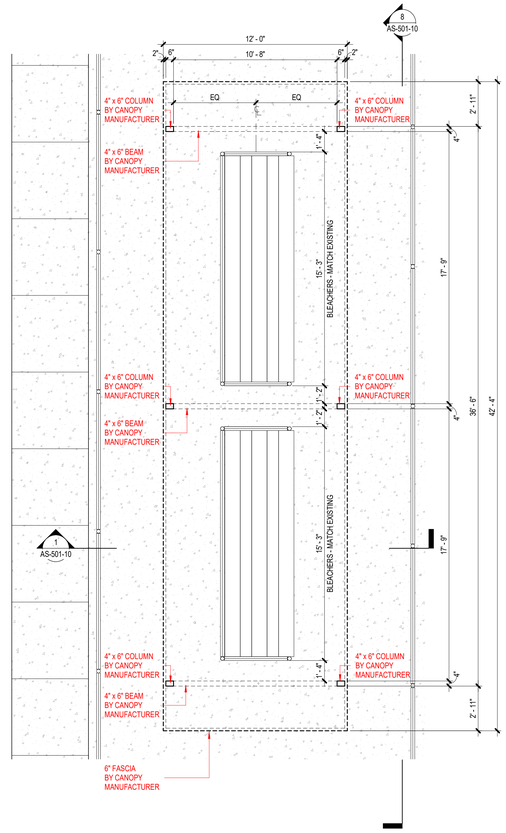
2 ARCHITECTURAL - SITE PLAN - PROPOSED NEW TENNIS COURT - OPTION D
SCALE: 1" = 20'-0"



5 CENTER STRAP ANCHOR
SCALE: 1/2" = 1'-0"



4 TENNIS COURT NET POST
SCALE: 1/2" = 1'-0"



1 ARCHITECTURAL - SITE PLAN - NEW TENNIS COURT CANOPY - ENLG PLAN
SCALE: 1/4" = 1'-0"

KEYED NOTES

NUMBER	DESCRIPTION
951	DEMOLISH PORTION OF EXISTING TENNIS COURT SIDEWALK. PREP AREA TO RECEIVE NEW TENNIS COURT SLAB ADDITION AND TRENCH DRAIN. (RE: CIVIL DRAWINGS AND NEW PLANS FOR DETAILS)
978	REMOVE EXISTING DOUBLE GATE AT TENNIS COURT ENCLOSURE. PREP AREA TO RECEIVE NEW CHAIN LINK PANEL TO MATCH EXISTING.
980	REMOVE PORTION OF EXISTING FENCING AT THE TENNIS COURT ENCLOSURE, PREP AREA FOR NEW TENNIS COURT ENCLOSURE, REFER TO CIVIL AND STRUCTURAL.
1001	NEW TENNIS COURT ENCLOSURE AND WINDSCREENS
1002	NEW CONCRETE SIDEWALK, REF. CIVIL DWGS.
1003	NEW CANOPY SHADE STRUCTURE; REFER TO ELEVATIONS.
1005	NEW BLEACHERS BOLTED TO SLAB. REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS. BLEACHERS SHALL INCLUDE CHAIN LINK GUARDRAIL SYSTEM. MATCH EXISTING BLEACHERS.
1006	NEW 12' (H) X 24' (W) X 8" (D) CMU BACKBOARD CENTERED ON STRIPED COURT. PROVIDE FLUSH/SMOOTH WALL JOINTS ON BOTH SIDES. PAINT WALL ON BOTH SIDES. REFER TO ELEVATIONS AND STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS.
1007	EXISTING DRINKING FOUNTAINS TO REMAIN, TYP.
1020	TRENCH DRAIN. RE: CIVIL DRAWINGS
1021	WINDSCREENS AND BACKBOARDS AT EXISTING LOCATIONS SHALL BE REPLACED WITH NEW. REFER TO BACKBOARD ELEVATIONS AT EXISTING TENNIS COURTS.
1022	INFILL CONCRETE SLAB CRACKS OBSERVED THROUGHOUT SLAB.
1023	CONTRACTOR TO EMPLOY HELLAS TO RESURFACE AND RESTRIPE EXISTING TENNIS COURTS PER UIL AND DISTRICT STANDARDS. REFER TO GENERAL NOTES.
1024	REPLACE EXISTING NETS AND POSTS WITH NEW PER UIL AND DISTRICT STANDARDS.
1025	EXISTING CANOPY SHADE STRUCTURES AND BLEACHERS ARE TO REMAIN (PROTECT IN PLACE).
1060	CONTRACTOR TO EMPLOY HELLAS TO STRIPE NEW TENNIS COURTS PER UIL AND DISTRICT STANDARDS.
1061	INSTALL NEW CHAIN LINK PANEL TO MATCH EXISITNG.
1062	NEW LIGHTING CONTROLS PANEL. REFERENCE ELECTRICAL.
1063	NEW SITE LIGHTING POLE AND FIXTURE. GC SHALL PROVIDE POLE BASE. REFERENCE ELECTRICAL.
1064	ATTACH NEW CHAIN LINK PANEL TO EXISTING POLE.
1079	MODIFY EXISTING PERIMETER FENCING AT NEW TENNIS COURT ENCLOSURE.
1083	TENNIS COURT NET PER UIL AND DISTRICT STANDARDS. NET HEADBAND SHALL BE WHITE IN FULLSCALE WITH CENTERSTRAP AND DOG CLIP FOR FIXING POINTS.
1084	TENNIS COURT NET POST AND FOOTING PER UIL AND DISTRICT STANDARDS. PROVIDE SLEEVE. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS.
1085	CHAIN LINK POST AND FOOTING AT TENNIS COURT ENCLOSURE, TYPICAL. PROVIDE SLEEVE. REFER TO ELEVATIONS AND STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS.
1087	CONTRACTOR TO EMPLOY HELLAS TO REMOVE AND INSTALL APPROXIMATELY 1,380 LF OF PERIMETRAL EXPANSION JOINTS AT ALL EXISTING TENNIS COURTS. VERIFY IN FIELD.

GENERAL NOTES

1. AT ANY CHAIN LINK OR ORNAMENTAL GATE THAT DOES NOT RECEIVE A PANIC HARDWARE DEVICE, CONTRACTOR SHALL SUPPLY AND INSTALL CHAIN AND AMERICAN PADLOCK, KEYED TO DISTRICT KEY 64335.
2. CHAIN TO BE WELDED TO FENCE AND LOCK TO BE WELDED TO CHAIN.
3. REFER TO TYPICAL CHAIN LINK FENCE AND GATE DETAILS ON A501-4.

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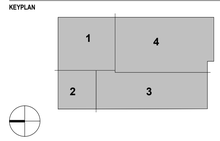

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JAMES E. WINCHESTER 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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ARCHITECTURAL - SITE PLAN - TENNIS COURTS - OPTION D

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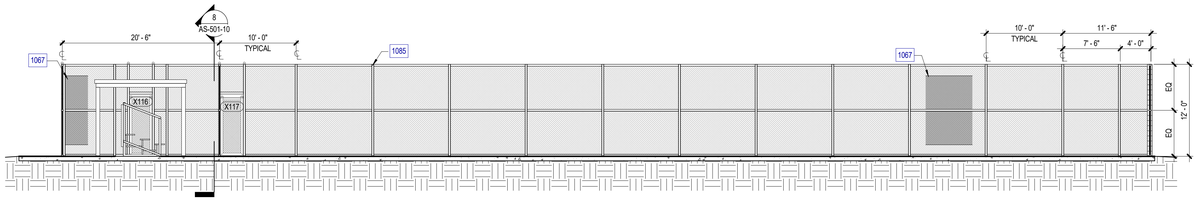
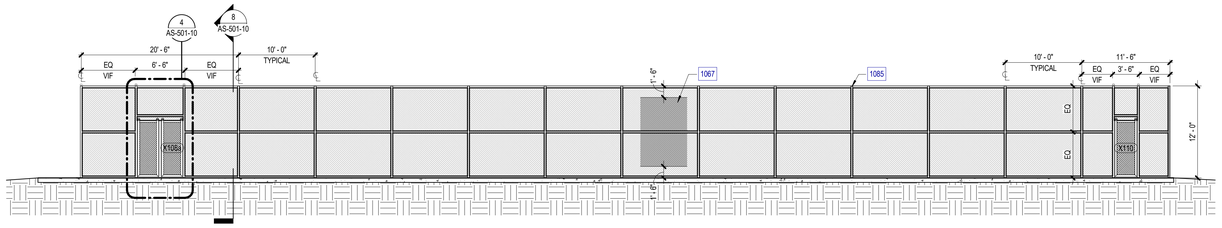
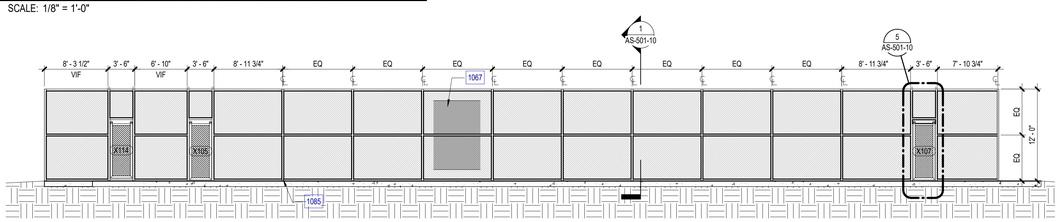


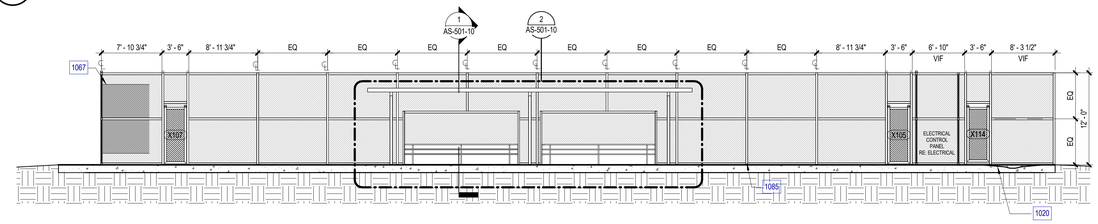
11 WEST INTERIOR ELEVATION - TENNIS COURT
SCALE: 1/8" = 1'-0"



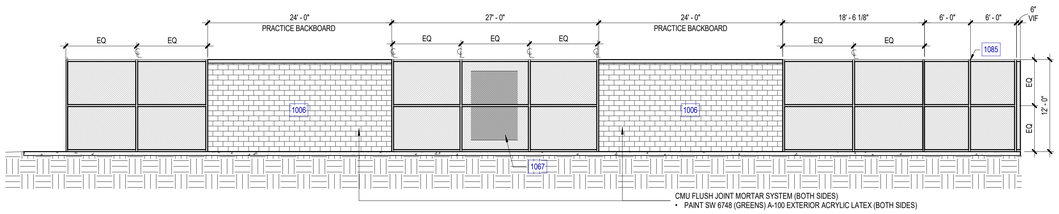
10 WEST EXTERIOR ELEVATION - TENNIS COURT
SCALE: 1/8" = 1'-0"



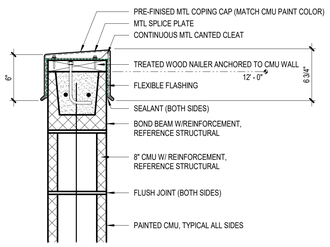
9 NORTH EXTERIOR ELEVATION - TENNIS COURT
SCALE: 1/8" = 1'-0"



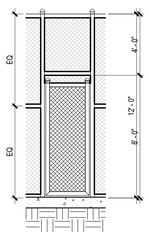
8 SOUTH INTERIOR ELEVATION - SPECTATOR AREA /CANOPY
SCALE: 1/8" = 1'-0"



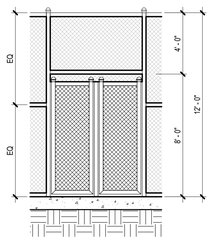
7 SOUTH EXTERIOR ELEVATION - TENNIS COURT
SCALE: 1/8" = 1'-0"



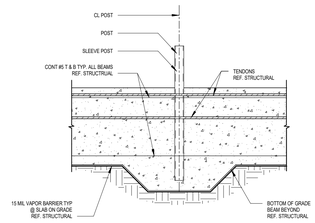
6 METAL WALL CAP @ CMU BACKBOARD
SCALE: 1 1/2" = 1'-0"



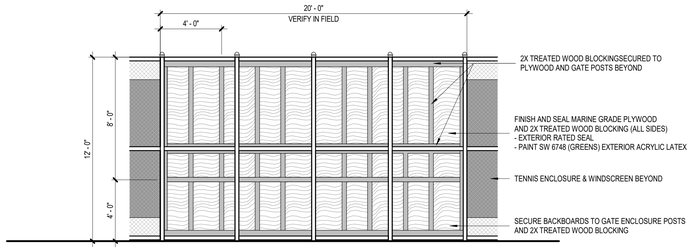
5 TENNIS COURT @ SINGLE GATE OPENING
SCALE: 1/4" = 1'-0"

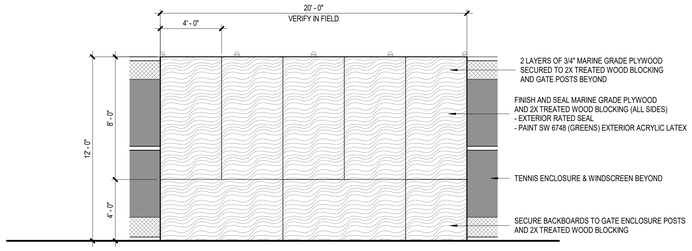


4 TENNIS COURT @ DOUBLE GATE OPENING
SCALE: 1/4" = 1'-0"

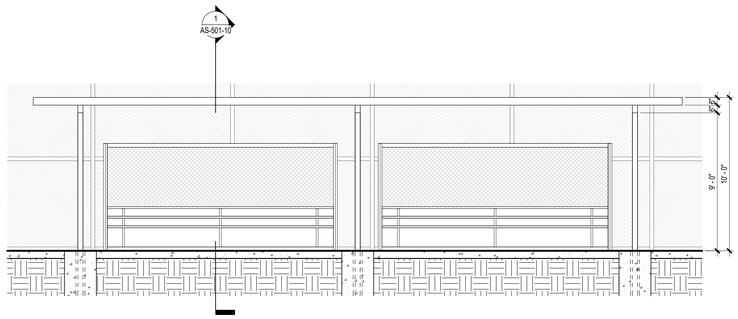


12 SITE - TENNIS COURT FENCE POST ELEVATION (REF. STRUCTURAL DRAWINGS)
SCALE: 1/2" = 1'-0"

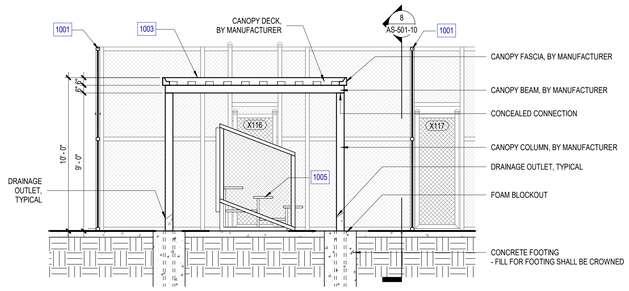




3 NEW BACKBOARD @ EXISTING TENNIS COURTS
SCALE: 1/4" = 1'-0"



2 WEST SECTION - CANOPY STRUCTURE VIEW 1 - CALL OUT
SCALE: 1/4" = 1'-0"



1 SOUTH SECTION - CANOPY STRUCTURE VIEW 2
SCALE: 1/4" = 1'-0"

KEYED NOTES

NUMBER	DESCRIPTION
1001	NEW TENNIS COURT ENCLOSURE AND WINDSCREENS
1003	NEW CANOPY SHADE STRUCTURE; REFER TO ELEVATIONS.
1005	NEW BLEACHERS BOLTED TO SLAB. REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS. BLEACHERS SHALL INCLUDE CHAIN LINK GUARDRAIL SYSTEM. MATCH EXISTING BLEACHERS.
1006	NEW 12' (H) X 24' (W) X 8" (D) CMU BACKBOARD CENTERED ON STRIPED COURT. PROVIDE FLUSH/SMOOTH WALL JOINTS ON BOTH SIDES. PAINT WALL ON BOTH SIDES. REFER TO ELEVATIONS AND STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS.
1020	TRENCH DRAIN. RE: CIVIL DRAWINGS
1067	INSTALL NEW WIND SCREENS AT ALL EXISTING AND NEW TENNIS COURTS - TYPICAL AT PERIMETER CHAIN LINK ENCLOSURES. ATTACH TO INTERIOR SIDE OF TENNIS ENCLOSURE. REFER TO ELEVATIONS.
1085	CHAIN LINK POST AND FOOTING AT TENNIS COURT ENCLOSURE, TYPICAL. PROVIDE SLEEVE. REFER TO ELEVATIONS AND STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS.

GENERAL NOTES

1. AT ANY CHAIN LINK OR ORNAMENTAL GATE THAT DOES NOT RECEIVE A PANIC HARDWARE DEVICE, CONTRACTOR SHALL SUPPLY AND INSTALL CHAIN AND AMERICAN PADLOCK, KEYED TO DISTRICT KEY 64335.
2. CHAIN TO BE WELDED TO FENCE AND LOCK TO BE WELDED TO CHAIN.
3. REFER TO TYPICAL CHAIN LINK FENCE AND GATE DETAILS ON A501-4.

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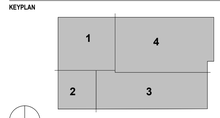

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	ABBREV
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - SITE PLAN - TENNIS COURT DETAILS

SHEET NUMBER
AS-501-10

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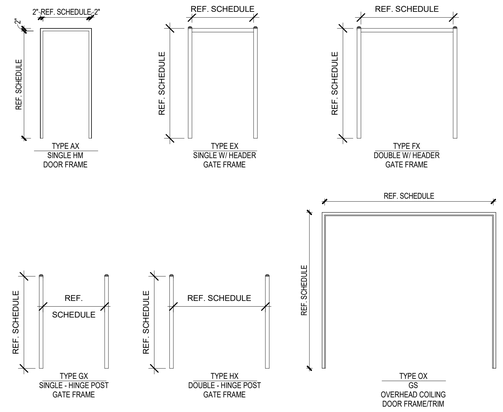
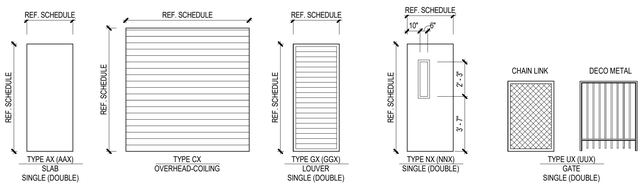
SITE - DOOR AND GATE SCHEDULE

DOOR/GATE NUMBER	DOOR TYPE	DOOR Width (Manual)	DOOR Height (Manual)	DOOR Thickness (Manual)	DOOR Door Material	Fire Rating	Hardware Set	FRAME Frame Type	FRAME Frame Material	Comments
X101	(NEW) AX	3' - 0"	7' - 0"	1 3/4"	HM			AX	HM	PNT DOOR AND FRAME
X102	(NEW) CX	10' - 0"	10' - 0"	-	GS			OX	GS	MANUAL/CHAIN OPERATED/PNT - DOOR, HOOD ENSLOSURE, GUIDES, ANGLES AND TRIM
X103	(NEW) UUX	6' - 0" (PR)	6' - 0"	-	GS/VC CHAIN LINK GATE	-	-	HX	GS/VC HINGE POSTS	
X105	(NEW) UX	3' - 0"	7' - 0"	-	GS CHAIN LINK GATE	-		EX	GS HINGE POSTS	
X106	(NEW) UX	3' - 0"	7' - 0"	-	GS CHAIN LINK GATE	-		EX	GS HINGE POSTS	
X107	(NEW) UX	3' - 0"	7' - 0"	-	GS CHAIN LINK GATE	-		EX	GS HINGE POSTS	
X108	(NEW) UUX	3' - 0" (PR)	7' - 0"	-	GS CHAIN LINK GATE	-		FX	GS HINGE POSTS	
X109	(NEW) UX	3' - 0"	7' - 0"	-	GS CHAIN LINK GATE	-		EX	GS HINGE POSTS	
X110	(NEW) UX	3' - 0"	7' - 0"	-	GS CHAIN LINK GATE	-		EX	GS HINGE POSTS	
X111	(NEW) NX	3' - 0"	6' - 10"	1 3/4"	HM			AX	ALUM	PNT DOOR AND FRAME TO MATCH EXISTING; VERIFY DOOR SIZE IN FIELD; INSTALL CAMPUS DOOR GRAPHIC TO MATCH EXISTING
X112	(NEW) UX	4' - 0"	6' - 0"	-	DECO METAL GATE			EX	DECO METAL GATE	PNT BLACK
X113	(NEW) UUX	4' - 0" (PR)	6' - 0"	-	DECO METAL GATE			HX	DECO METAL GATE	PNT BLACK
X114	(NEW) UX	3' - 0"	7' - 0"	-	GS CHAIN LINK GATE	-		EX	GS HINGE POSTS	
X115	(NEW) UX	3' - 0"	6' - 0"	-	GS CHAIN LINK GATE	-		GX	GS HINGE POSTS	
X116	(NEW) UX	3' - 0"	7' - 0"	-	GS CHAIN LINK GATE	-		EX	GS HINGE POSTS	
X117	(NEW) UX	3' - 0"	7' - 0"	-	GS CHAIN LINK GATE	-		EX	GS HINGE POSTS	



SITE DOOR AND GATE FRAME TYPES
SCALE: 1/4" = 1'-0"



SITE DOOR AND GATE TYPES
SCALE: 1/4" = 1'-0"

EXT. OPENINGS GENERAL NOTES

1. FOR GENERAL NOTES REGARDING DOORS AND DOOR FRAMES SEE SHEET A-611.
2. FOR DETAILS RELATING TO THE HEAD, JAMB, AND SILL FOR EACH DOOR TYPE, REFERENCE SHEET A-611.
3. LOCATE DOOR FRAMES WITH THE HINGE SIDE OF THE JAMB 4" FROM THE CORNER OF THE SPACE UNLESS SHOWN CENTERED IN THE WALL OR DIMENSIONED OTHERWISE. REFER TO DRAWING SHEET A-611 FOR MORE DETAIL.
4. FIRE LABELS ARE UL CLASSIFICATIONS WITH FIRE RATINGS SHOWN IN MINUTES. FIRE RATINGS AND/OR LABELS REQUIRED FOR DOORS APPLY EQUALLY TO THE FRAME AND THE HARDWARE. ANYWHERE A RATING IS SHOWN IN THE SCHEDULE, THE APPLICABLE LABEL SHALL BE APPLIED TO THE DOOR, THE FRAME, AND THE HARDWARE THAT IS TO BE USED ON SAID DOOR.
5. SIZE ALL FRAME THROAT DIMENSIONS 1/8" GREATER THAN THE ACTUAL PARTITION THICKNESS. ACTUAL THICKNESS INCLUDES ALL MATERIALS LISTED IN THE PARTITION SCHEDULE PLUS ALL OTHER MATERIALS (I.E. LEAD LINING) THAT ARE TO BE BUILT INTO THE PARTITION. DO NOT INCLUDE FINISHES APPLIED TO THE FACE OF THE PARTITION WHEN DETERMINING PARTITION THICKNESS UNLESS NOTED OTHERWISE.
6. ALL HM, WD, AND SCW DOORS ARE TO BE 1 3/4" THICK UNLESS NOTED OTHERWISE.
7. THE GENERAL CONTRACTOR IS TO COORDINATE THE INSTALLATION OF CARD READERS, ELECTRONIC LOCKING DEVICES, FIRE ALARMS, AUTO OPERATORS, AND ALL OTHER MONITORING DEVICES WITH THE DOOR AND FRAME HARDWARE.
8. FOR LEAD LINED DOORS, REFERENCE HEAD AND JAMB DETAILS FOR IN-WALL STEEL AND TUBE SUPPORTS. SEE SHEET A-611.
9. LEAD LINING, RF SHIELDING, AND ACOUSTICAL RATINGS REQUIRED FOR A GIVEN DOOR APPLY EQUALLY TO THE FRAME, GLAZING (IF PRESENT), AND THE HARDWARE.
10. PROVIDE A 3/4" UNDERCUT AT ALL TOILET ROOM DOORS - TYP.
11. THE UNDERCUT ON FIRE RATED DOORS (IF REQUIRED) SHALL NOT EXCEED 3/4".
12. ALL GLAZING USED IN THE INTERIOR DOORS SHALL BE LAMINATED TEMPERED "SAFETY GLASS" UNLESS NOTED OTHERWISE.
13. FOR ANY FIRE RATED DOORS THAT REQUIRE GLAZING, SAID GLAZING SHALL HAVE THE SAME RATING AS THE DOOR ITSELF AND SHALL NOT BE "WIRE GLASS".
14. FOR SITE ACCESS GATE DOOR AND DOOR TAG LOCATIONS REFER TO THE ENLARGED SITE PLAN SHEET AS-SERIES.
15. ALL DOORS THAT ARE TO RECEIVE PANIC HARDWARE (ELECTRIFIED OR NOT) SHALL HAVE CONCEALED VERTICAL RODS WITHIN THE DOOR LEAF.
16. ALL MAG LOCKS SHALL BE SUPPLIED WITH A DC POWER ADAPTER.
17. FOR ALL OTHER DOOR SCHEDULE ABBREVATIONS SEE LISTS BELOW.

FINISHES:
A: PAINT HM FRAMES UNO.
B: PAINT HM DOORS UNO.
C: PLAM SCW DOOR UNO.
D: STORE FRONT DOOR FINISH PER SPECIFICATION.
E: STAIN WOOD VENEER DOORS UNO.
F: SEE SPECIFICATIONS FOR ALL OTHER DOORS.

LABELS - FIRE RATINGS
3 HOURS
90 MINUTES
45 MINUTES
20 MINUTES
ST SMOKE TIGHT

GATE, DOOR, & FRAME LEGEND

SYMBOL	DESCRIPTION
	NEW DOOR AND FRAME
	NEW DOOR AND FRAME WITH EMERGENCY RELEASE
	NEW DOOR AND FRAME ALLOW 180 SWING
	NEW DOOR AND FRAME DOUBLE EGRESS
	NEW DOOR PAIR AND FRAME ONE LEAF INACTIVE
	NEW DOOR AND FRAME UNEQUAL PAIR AS SCHED.
	EXISTING DOOR AND FRAME

DOOR SCHEDULE FINISH AND MATERIAL ABBREVIATIONS:

HM - HOLLOW METAL
PLM - PLASTIC LAMINATE
CGL - CLEAR GLASS (TEMPERED AND LAMINATED)
OGL - OPAQUE GLASS (TEMPERED AND LAMINATED)
GYP - GYPSUM BOARD
WD - WOOD
SCW - SOLID CORE WOOD
STAIN - STAINED WOOD
GS - GALVANIZED STEEL
SS - STAINLESS STEEL
STL - STEEL
CA - CLEAR ANODIZED ALUMINUM
AL - ALUMINUM
DECO - DECORATIVE METAL ORNAMENTAL
PNT - PAINT
ACR - ACRYLIC
VC - VINYL COATED

DOOR SCHEDULE COMMENTS CODES AND ABBREVIATIONS:

ADO - AUTOMATIC SWING DOOR OPERATOR
SDO - AUTOMATIC SLIDING DOOR OPERATOR
CR - CARD READER
ML - MAGNETIC LOCK (INTEGRATED DPS)
EL - ELECTRIC LOCKSET (INTEGRATED REX)
REX - REQUEST TO EXIT SWITCH
IREX - INFRARED SENSOR REX
MREX - MOTION SENSOR REX
MHO - MAGNETIC HOLD OPEN
HO - ELECTRIC HOLD OPEN DEVICE
EPT - ELECTRIC POWER TRANSFER
DPS - DOOR POSITION SENSOR
P - EXIT/PANIC HARDWARE
EP - ELECTRIC EXIT/PANIC HARDWARE (INTEGRATED REX)
EPA - ELECTRIC EXIT/PANIC HARDWARE (LOCAL AUDIBLE AND MONITORING)
SMK - SMOKE SEALS
SND - SOUND SEALS
B - BULLET RESISTANT
LL - LEAD-LINED DOOR
CYL - CYLINDER LOCK W/ KEY OVERRIDE
180 - DOOR WITH A 180 DEGREE SWINGING HINGE
FH - FIXED HANDLE / DUMMY HARDWARE
LK - DOOR LOCK
PL - DOOR PRIVACY LOCK
PS - DOOR PASSAGE SET
CL - DOOR CLOSER
PP - PUSH PULL
KP - KEY PAD
PB - PUSH BUTTON
RR - REMOTE RELEASE
NR - DOOR NOT FIRE RATED
PR - PAIR

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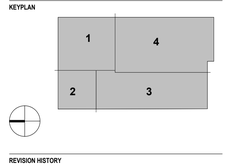

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	ABBREV
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Author	Checker

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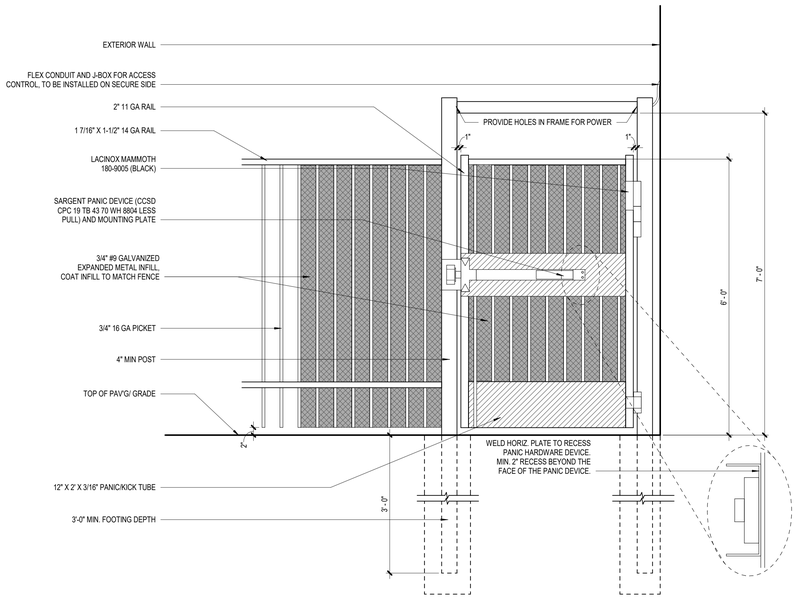
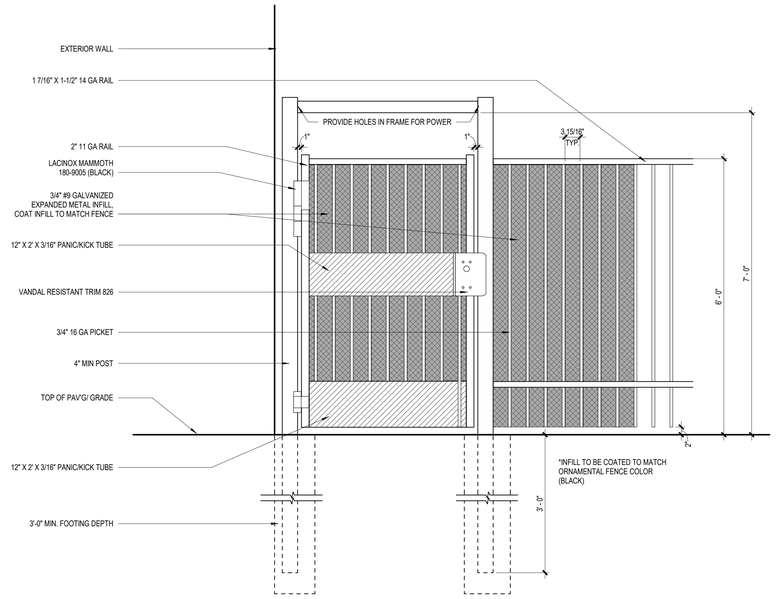


NOTE:
1. ALL ORNAMENTAL METAL FENCING MATERIAL SHALL BE PRE-FINISHED COATED INSIDE AND OUT AND HAVE A 20 YEAR WARRANTY.
2. POST SIZE DEPENDS ON FENCE HEIGHT AND WIND OADS, POST SIZES PER PER ORNAMENTAL FENCE MANUFACTURER.
3. INCLUDE INTERCHANGEABLE CORES, IC-7A2, FOR ALL SECURITY GATES.

2 METAL FENCE GATE
SCALE: 3/4" = 1'-0"



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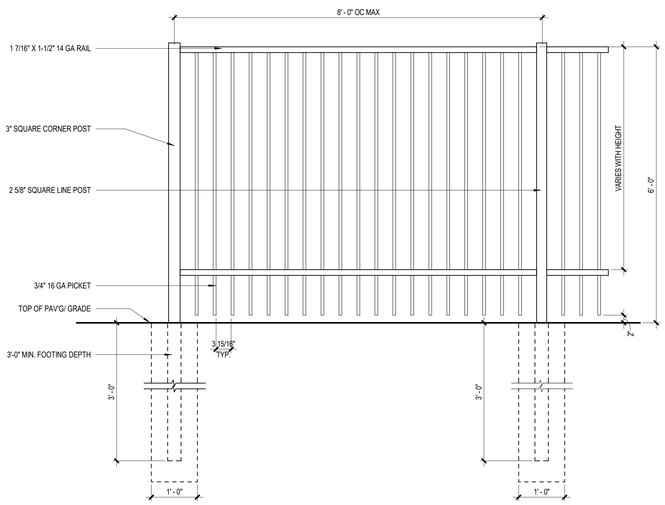

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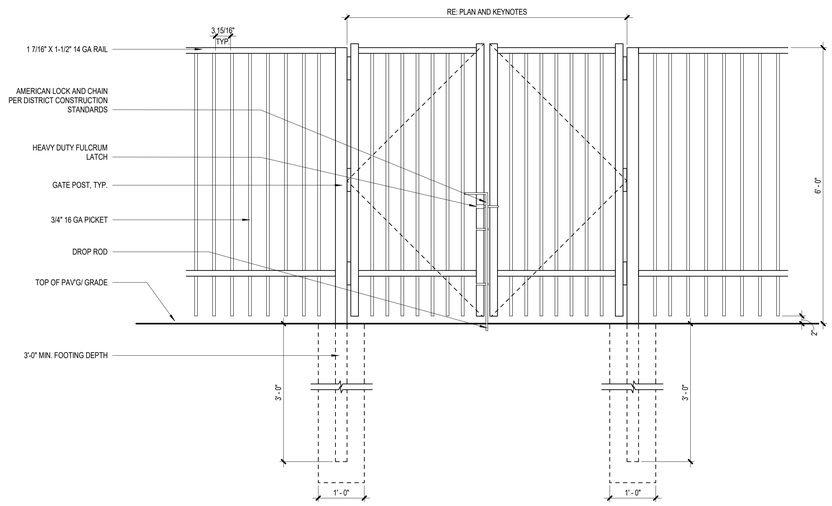
2. POST SIZE DEPENDS ON FENCE HEIGHT AND WIND LOADS, POST SIZES PER ORNAMENTAL FENCE MANUFACTURER.
3. REFER TO GATE SCHEDULE FOR GATES TO RECEIVE CARD READERS.
4. POST SIZE SHALL BE 4"X4" 11 GA POST FOR <8' LEAVES, 4"X4" 1/4" THICK POST FOR 6'-10' LEAVES, AND 6" X6" 1/4" THICK POST FOR >10' LEAVES

1 METAL FENCE GATE
SCALE: 3/4" = 1'-0"



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2. POST SIZE DEPENDS ON FENCE HEIGHT AND WIND LOADS, POST SIZES PER ORNAMENTAL FENCE MANUFACTURER.
3. INCLUDE INTERCHANGEABLE CORES, IC-7A2, FOR ALL SECURITY GATES.
4. WHERE MAINTENANCE FENCE OCCURS AT EDGE OF CURB DRIVE, NEW LAYDOWN CURB IS TO BE INSTALLED THE WIDTH OF THE GATE.

GENERAL NOTE: PROVIDE ATTIC STOCK FOR ORNAMNETAL FENCE POSTS, PANELS, AND GATE HINGES PER DISTRICT STANDARDS.

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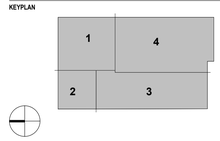

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
JAMES LANE WINCHESTER
No. 21908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	ABBREV
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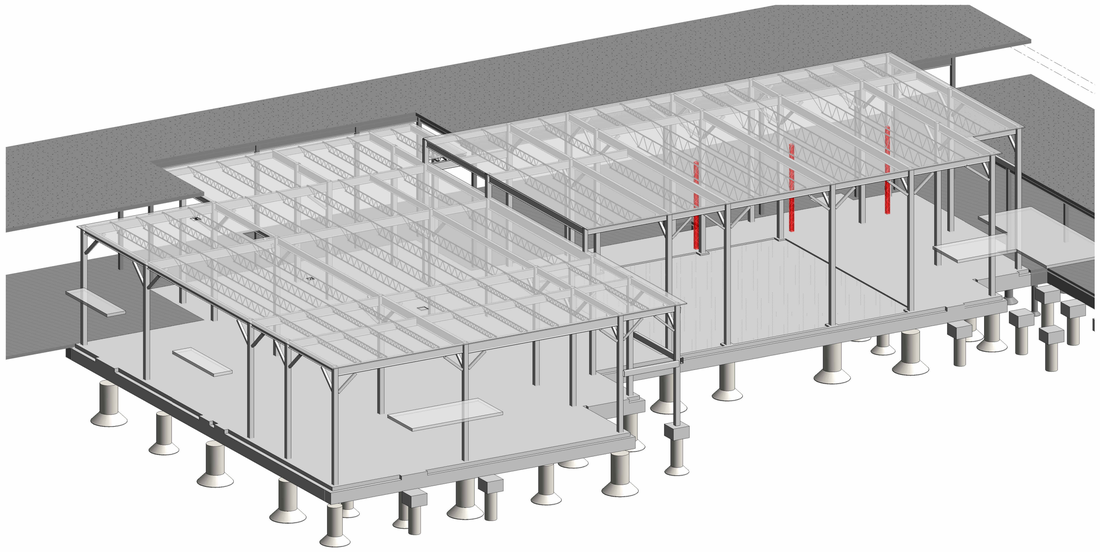
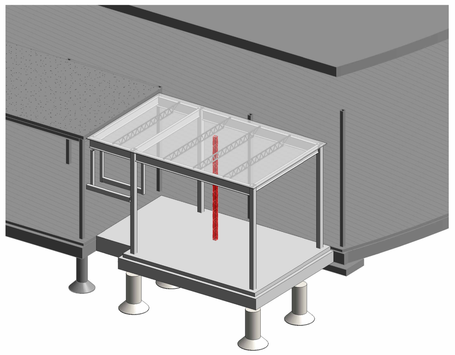
SHEET LIST	
Sheet Number	Sheet Name
S001	3D VIEW AND SHEET LIST
S101	GENERAL STRUCTURAL CRITERIA
S102	GENERAL STRUCTURAL CRITERIA
S200	FOUNDATION AND FRAMING COOLING TOWER PLAN
S201	FOUNDATION PLAN - OVERALL
S201A	FOUNDATION PLAN- AREA G&F
S201B	FOUNDATION PLAN- PEMB
S201C	FOUNDATION PLAN-TENNIS COURT
S202	ROOF FRAMING PLAN - OVERALL
S202A	ROOF FRAMING PLAN - AREA G&F
S301	SCHEDULES
S302	COLUMN AND BASEPLATE SCHEDULE
S401	TYPICAL FOUNDATION DETAILS
S402	TYPICAL GB AND CF DETAILS
S403	FOUNDATION DETAILS (PIER)
S404	FOUNDATION DETAILS (PEMB)
S501	TYPICAL FRAMING DETAILS
S502	TYPICAL FRAMING DETAILS
S503	TYPICAL ROOF FRAMING DETAILS
S505	TYPICAL COLD FORMED METAL FRAMING DETAILS
S601	TYPICAL CMU DETAILS
S701	ROOF FRAMING DETAILS
S702	ROOF FRAMING DETAILS



1 PRESENTATION 3D VIEW- AREA G



2 PRESENTATION 3D VIEW - AREA F

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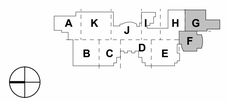

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SHEET NAME

3D VIEW AND SHEET LIST

SHEET NUMBER

S001

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1. STRUCTURAL CONCEPT, STANDARDS AND LOADS

A. DESIGN CONCEPT:

THE STRUCTURE AS SHOWN HAS BEEN DESIGNED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS AND DESIGN STANDARDS TO SUPPORT THE FINAL BUILDING SERVICE LOADS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADDITIONAL SUPPORTS FOR THE STRUCTURE IF NECESSITATED BY THE CONSTRUCTION SEQUENCE OR METHODS OF FABRICATION, HANDLING, ERECTION, AND OTHER CONSTRUCTION OPERATIONS.

B. BUILDING CODES AND DESIGN STANDARDS:

1. INTERNATIONAL BUILDING CODE, 2018 EDITION, WITH CITY OF HOUSTON, TX AMENDENTS.

2. AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE); MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-16, AS AMENDED.

3. AMERICAN CONCRETE INSTITUTE (ACI), BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318, AS AMENDED.

4. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, 360-16, AS AMENDED.

5. AMERICAN WELDING SOCIETY (AWS).

6. STEEL JOIST INSTITUTE (SJI), STANDARD SPECIFICATIONS FOR OPEN WEB STEEL JOISTS AND JOIST GIRDERS.

7. STEEL DECK INSTITUTE (SDI), DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS, ROOF DECKS, AND CELLULAR METAL FLOOR DECK WITH ELECTRICAL DISTRIBUTION.

8. AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION.

C. GRAVITY LOADS:

SUPERIMPOSED LOADS ARE GIVEN IN POUNDS PER SQUARE FOOT (PSF).

BUILDING AREA	DEAD LOAD (PSF)	LIVE LOAD (PSF)
1. SLAB ON GRADE	0	100
2. ROOF	20	20
3. MECHANICAL AREAS	10	150(**)

*INCLUDES AN ALLOWANCE OF 15 PSF FOR PARTITION WEIGHT
**EQUIPMENT WEIGHT IF LARGER

D. LATERAL DESIGN LOADS:

1. WIND LOADS FOR AN BASIC DESIGN WIND SPEED OF **140** MPH (ASD WIND SPEED OF **109** MPH), 3-SECOND GUST, WITH EXPOSURE **C** AND A RISK CATEGORY **III** (ASCE 7-16 METHOD)

2. COMPONENTS AND CLADDING PRESSURES (PSF) FOR "CLOSED" BUILDINGS:

		ZONE 1		ZONE 1'		ZONE 2		ZONE 3	
ROOF	10 FT²	-74.1	18.9	-42.6	18.9	-97.8	18.9	-133.3	18.9
	100 FT²	-57.9	16	-42.6	16	-76.9	16	-91.5	16

		ZONE 4		ZONE 5	
WALLS	10 FT²	-46.1	42.6	-56.8	42.6
	100 FT²	-39.9	36.3	-44.2	36.3

a. RE: IBC **2018** FOR ADDITIONAL DESCRIPTION OF PRESSURE ZONES.

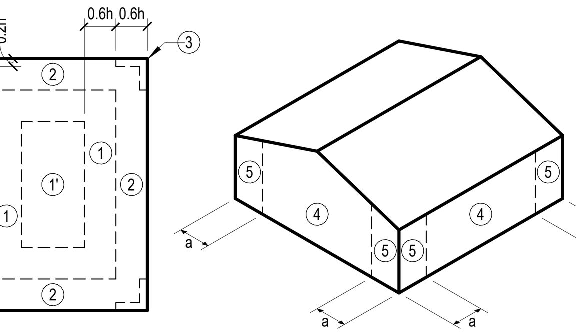
b. POSITIVE PRESSURES ARE PRESSURES ACTING TOWARD THE BUILDING.

c. NEGATIVE PRESSURES ARE PRESSURES ACTING AWAY FROM THE BUILDING.

d. VALUES ABOVE ARE FOR BASIC DESIGN WIND PRESSURES. THE ASD FACTOR 0.6.

e. ZONE WIDTH DIMENSIONS:

a (walls) = **5.4**
0.2h = **4.5**
0.6h = **13.5**



ROOF

WALL

E. SEISMIC CRITERIA:

1. IMPORTANCE FACTOR: 1.25
2. RISK CATEGORY: III
3. MAPPED SPECTRAL RESPONSE ACCELERATIONS:
   a. Ss: 0.081
   b. S1: 0.044
4. SITE CLASS: .... D(ASSUMED)
5. SPECTRAL RESPONSE COEFFICIENTS:
   a. SDS: .... 0.074 (ASSUMED)
   b. SD1: .... 0.065 (ASSUMED)
6. SEISMIC DESIGN CATEGORY: .... A
7. BASIC SEISMIC FORCE-RESISTING SYSTEM: "STRUCTURAL STEEL SYSTEMS NOT SPECIFICALLY DEISGNED FOR SEISMIC RESISTANCE

F. GROUND SNOW LOADS: 5 PSF

G: SPECIAL LOADS:

1. STAIR TREADS, RAILING AND GUARDRAILS:

ITEM	REQUIRED CAPACITY
TREADS	300 POUNDS AT CENTER
TOP RAILS	50 PLF HORIZONTALLY
OTHER RAILS, FILLERS & CONNECTIONS	50 PSF HORIZONTALLY
HAND RAILS	200 POUNDS ANY DIRECTION

2. PIPE LOADS WITH WATER:

SIZE	WEIGHT MAX.	SPACING OF HANGERS
4" DIA.	17 PLF	10'-0"
6" DIA.	32 PLF	10'-0"
8" DIA.	50 PLF	10'-0"
10" DIA.	75 PLF	5'-0"
12" DIA.	102 PLF	5'-0"

VALUES ASSUME SCHEDULE 40 STEEL PIPE

H. ROOF RAIN LOAD DATA: RAIN INTENSITY, i = **5.21** IN/HR

2. GENERAL NOTES FOR CONSTRUCTION

A. CONSTRUCTION METHODS, PROCEDURES AND SEQUENCES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND THE CONTRACTOR SHALL TAKE ALL THE NECESSARY MEANS TO MAINTAIN AND PROTECT THE STRUCTURAL INTEGRITY OF ALL CONSTRUCTION AT ALL STAGES.

B. THESE NOTES APPLY TO STRUCTURAL DOCUMENTS SEALED BY THE STRUCTURAL ENGINEER AND ARE INTENDED TO BE COMPLEMENTARY TO AND USED IN CONJUNCTION WITH THE PLANS AND SPECIFICATIONS, INCLUDING THOSE PREPARED BY OTHER DISCIPLINES. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT/STRUCTURAL ENGINEER IMMEDIATELY. ANY SUCH DISCREPANCIES SHALL BE RESOLVED TO THE MORE STRINGENT REQUIREMENTS, UNLESS OTHERWISE AUTHORIZED BY THE STRUCTURAL ENGINEER.

C. ANY DISCREPANCIES ON THE STRUCTURAL DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT/STRUCTURAL ENGINEER PRIOR TO SUBMISSION OF BIDS OR PROPOSALS, OR IF NOT REASONABLE DISCERNABLE DURING PREPARATION OF BIDS AND PROPOSALS, BEFORE COMMENCING THE WORK IN QUESTIONS. NO FIELD CHANGES OR DIVIATIONS FROM THE DESIGN ARE TO BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT AND/OR STRUCTURAL ENGINEER. NO CHANGE ORDER CONSIDERATION WILL BE GIVEN TO CHANGES FOR WHICH THE ARCHITECT AND/OR ENGINEER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.

D. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONSTRUCTION, INCLUDING EXISTING WORK, PRIOR TO COMMENCING WORK. ANY DISCREPANCIES SHALL BE REPORT IMMEDIATELY TO THE ARCHITECT/STRUCTURAL ENGINEER.

E. ALL PROPOSED SUBSTITUTIONS MUST BE EQUAL OR BETTER AND SHALL BE REVIEWED BY THE ARCHITECT/ENGINEER PRIOR TO ANY PERTINENT WORK AND PRIOR TO THE AWARD OF THE CONTRACT.

F. NOT ALL OPENINGS AND OTHER COMPONENTS THAT ARE REQUIRED HAVE BEEN SHOWN IN THE STRUCTURAL DRAWINGS. COORDINATE WITH THE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS AND VERIFY THE LOCATIONS AND SIZES OF ALL CHASES, INSERTS, OPENINGS, SLEEVES, FINISHES, DEPRESSIONS, PADS AND OTHER PROJECT REQUIREMENTS. FLOOR PLAN WILL BE FURNISHED FOR THAT PURPOSE.

G. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE MECHANICAL, ELECTRICAL, PLUMBING AND ARCHITECTURAL DRAWINGS TO DETERMINE WHERE OPENINGS ARE REQUIRED IN REINFORCED CONCRETE BEAMS, SLABS AND WALLS.

H. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, DETAILING ALL THE OPENINGS, INCLUDING ADDED REINFORCEMENT AS SHOWN ON THE TYPICAL WALL, SLAB AND BEAM OPENING DETAILS FOR REVIEW.

I. ADDITIONAL REINFORCEMENT ABOVE THAT SHOWN IN THE TYPICAL SLAB AND BEAM OPENING DETAILS MAY BE REQUIRED AND WILL BE REVIEWED ON THE SHOP DRAWINGS.

J. USE THE MANUFACTURER'S CERTIFIED DRAWINGS AND SPECIFICATIONS FOR THE EQUIPMENT ANCHORAGE AND DETAILS.

K. ALL CONSTRUCTION JOINTS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE INCORPORATED INTO THE STRUCTURE. ADDITIONAL CONSTRUCTION JOINTS TO FACILITATE CONSTRUCTION SHALL BE LOCATED AND DETAILED ON THE SHOP DRAWINGS FOR REVIEW.

L. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED IN BEAMS UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.

M. ALL CONSTRUCTION AND CONTROL JOINTS FOR BEAMS WHICH ARE EXPOSED TO VIEW ARE TO BE LOCATED TO COINCIDE WITH THE ARCHITECTURAL RUSTICATION JOINTS AS SHOWN ON THE BUILDING ELEVATION SHEETS OR AS REVIEWED IN WRITING.

N. SHOP DRAWINGS

1. THE TERM "SHOP DRAWINGS" INCLUDES FABRICATION, MANUFACTURING, ERECTION AND SETTING DRAWINGS, BROCHURES, CERTIFICATES, AND PRODUCT DATA DESCRIBING MATERIALS AND EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE ALL PERTINENT INFORMATION REQUIRED FOR THE ENGINEER TO FULLY EVALUATE THE MATERIALS BEING REPRESENTED BY THE SUBMITTAL INCLUDING THE PHYSICAL PROPERTIES, DIMENSIONS, LOCATIONS AND METHOD OF INSTALLATION.

2. SHOP DRAWINGS WILL BEAR THE REVIEW STAMP OF THE CONTRACTOR INDICATING THAT HE HAS REVIEWED THE DRAWINGS FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS; COORDINATED ITEMS INCLUDED IN THE SUBMITTAL WITH RELATED ITEMS; AND VERIFIED AND COORDINATED DIMENSIONS.

3. REPRODUCTIONS OF THE ENGINEERING DRAWINGS WILL NOT BE ACCEPTABLE AS SHOP DRAWINGS.

4. ANY SHOP DRAWING NOT CONFORMING TO THESE REQUIREMENTS WILL BE CAUSE FOR REJECTION AND WILL BE RETURNED WITHOUT ANY FURTHER ACTION.

5. STRUCTURAL SUBMITTALS REQUIRED FOR APPROVAL INCLUDE, BUT ARE NOT LIMITED TO:

CONCRETE ACCESSORIES (MANUFACTURERS PRODUCT DATA)
STEEL REINFORCING
CONCRETE MIX DESIGN
CONTROL JOINT LAYOUT
CONCRETE MATERIAL CERTIFICATES
STRUCTURAL STEEL FRAMING
STRUCTURAL STEEL CONNECTION CALCULATIONS
STEEL ROOF DECK
COLD FORMED METAL FRAMING
COLD FORMED METAL FRAMING CALCULATIONS
MISC. STEEL FABRICATIONS

6. DELEGATED STRUCTURAL DESIGN OF COMPONENTS:

A. SEE APPLICABLE SECTIONS OF GENERAL NOTES FOR THE APPROPRIATE DESIGN RESPONSIBILITIES OF THE SUPPLIER AND IT'S LICENSED ENGINEER

P. GENERAL FRAMING NOTES:

1. FOR ALL MISCELLANEOUS STEEL SHOWN ON ARCHITECTURAL AND NOT SHOWN ON STRUCTURAL DRAWINGS, ASSUME THE FOLLOWING AS A MINIMUM AND CONFIRM FINAL ASSUMPTIONS WITH STRUCTURAL ENGINEER:

EQUAL LEG ANGLES = L4X4X5/16
LLV ANGLES = L6X4X5/16
CHANNELS = C6X8.2
SQUARE TUBE = HSS6X6X3/8
LSV TUBE = HSS12X8X1/2
ROUND TUBE = 6" STD PIPE
WIDE FLANGE = W14X22
STEEL PLATE = 3/8" THICK

2. FOR ALL MECHANICAL OPENINGS SHOWN ON ARCHITECTURAL OR MEP DRAWINGS AND NOT SHOWN ON STRUCTURAL DRAWINGS, PROVIDE W14X22 PERIMETER BEAMS AS REQUIRED TO FRAME REQUIRED OPENING WHERE OPENING DIMENSIONS EXCEED 5'-0" IN ANY DIRECTION.

3. FOR ALL WINDOWS, STOREFRONTS AND CURTAINWALLS EXCEEDING 10'-0" IN LENGTH WHERE HANGING STEEL TO SUPPORT THE HEADER IS NOT SHOWN ON STRUCTURAL DRAWINGS, PROVIDE C6X8.2 VERTICAL HANGERS WITH L4X4X1/4 KICKERS AT 4'-0" OC AND CONTINUOUS L6X4X5/16 ANGLE ALONG THE BOTTOM. PROVIDE CONTINUOUS HSS6X2X1/4 (LSH) IN LIEU OF L6X4 BOTTOM ANGLE AND GALVANIZE 3/8" BENT LEDGER PLATE WHERE MASONRY WILL BE SUPPORTED.

4. FOR ALL FOLDING PARTITIONS WHERE HANGING STEEL TO SUPPORT HEADER TRACK IS NOT SHOWN ON STRUCTURAL DRAWINGS PROVIDE C6x8.2 VERTICAL HANGERS WITH L4x4x1/4 KICKERS AT 4'-0" AND CONTINUOUS WT6X20 ALONG THE BOTTOM. HANGERS SHALL BE SPACED AT 2'-0" ON CENTER AT STACKED ENDS OF PARTITION.

5. FOR ALL COILING OVERHEAD DOORS AND ROLLING GRILLS EXCEEDING 10'-0" IN WIDTH WHERE TUBE STEEL TO SUPPORT THE DOOR/HOUSING IS NOT SHOWN ON STRUCTURAL DRAWINGS, PROVIDE HSS12X8X3/8 (LSV) INTERMEDIATE STEEL TUBE.

6. ALL STAIR MEMBERS INCLUDING, BUT NOT LIMITED TO, STRINGERS, LANDINGS AND HANDRAILS SHALL BE DESIGNED BY THE STAIR ENGINEER AND STEEL FABRICATOR.

Q. GENERAL FOUNDATION NOTES:

1. FOR ALL SLAB ON GRADE SHOWN ON ARCHITECTURAL AND NOT SHOWN ON STRUCTURAL DRAWINGS, ASSUME 5" THICK CONCRETE SLAB WITH #4 REINFORCING BARS AT 14" OC IN EACH DIRECTION.

2. MECHANICAL EQUIPMENT AND LOCKERS SHALL RECEIVE A HOUSEKEEPING PAD AS INDICATED IN MEP OR ARCHITECTURAL DRAWINGS AND PER MANUFACTURER'S RECOMMENDATIONS.

3. THE MAXIMUM GRADE BEAM SPAN IS 20'-0". PROVIDE ADDITIONAL 24/48 PIER AT MID SPAN WHERE PIERS ARE NOT SHOWN ON PLAN AND ALLOWABLE SPAN IS EXCEEDED.

4. ASSUME GRADE BEAM TYPE "GB1" FOR ALL LOCATIONS WHERE CMU WALLS EXCEED 16'-0" IN HEIGHT ARE SHOWN ON PLANS. SUPPLY 24/48 PIER AT 20'-0" OC MAXIMUM UNDER GRADE BEAM.

5. FOR ALL DUMPSTER ENCLOSURES, SCREEN WALLS, AND OTHER MASONRY FENCES NOT SHOWN ON STRUCTURAL DRAWINGS ASSUME 8'-0" TALL MASONRY WALL WITH VENEER ON ONE SIDE SUPPORTED BY CONTINUOUS 'TYPE GB1' GRADE BEAM ON 24/48 DRILLED PIERS SPACED AT 15'-0" MAXIMUM. STRUCTURAL MASONRY WALL SHALL BE 8" CMU WITH #6 VERTICAL BARS SPACED AT 24" ON CENTER IN FULLY GROUTED CELLS.

6. FOR ALL SPORTS FIELDS WHERE THE BACKSTOP WALL IS NOT SHOWN ON STRUCTURAL DRAWINGS ASSUME 4'-0" TALL MASONRY WALL WITH VENEER ON ONE SIDE SUPPORTED BY CONTINUOUS CONCRETE FOOTING. FOOTING SHALL BE 1'-0" THICK x 3'-0" WIDE BEARING 3'-0" BELOW FINISHED GRADE. STRUCTURAL MASONRY WALL SHALL BE 8" CMU WITH #5 VERTICAL BARS SPACED AT 32" ON CENTER SUPPORTED BY CONCRETE STEM WALL EXTENDING FROM CONTINUOUS FOOTING. REINFORCE FOOTING WITH LONGITUDINAL (4) #4 BARS AND TRANSVERSE #4 BARS AT 12" ON CENTER. AT STEM WALL PROVIDE #4 DOWELS AT 12" ON CENTER AND (3) #4 CONTINUOUS BARS AT EACH FACE.

3. CONCRETE

A. CONCRETE SCHEDULE:

BUILDING COMPONENT	28 DAY CYLINDER COMPRESSIVE STRENGTH POUNDS PER SQUARE INCH(PSI)					
	NORMAL WEIGHT			MAX AGGREGATE SIZE (IN)	SLUMP (IN)	W/C RATIO
	3000	3500	4000			
1. DRILLED PIERS	●			1 1/2"	5-7	0.55
2. SLAB-ON-GRADE		●		1"	4-6	0.50
3. SLAB-ON-DECK		●		1"	4-6	0.50
4. GRADE BEAMS AND PLINTHS		●		1"	4-6	0.50
5. ALL OTHER CONCRETE	●			1"	4-6	0.52

B. PROVIDE DEFORMED NEW BILLET STEEL BARS CONFORMING TO ASTM A615, GRADE 60. ALL REINFORCING STEEL SHALL BE SECURELY HELD IN PLACE; PROVIDE ADDITIONAL BARS OR STIRRUPS FOR SUPPORT AS REQUIRED.

C. WELDED WIRE FABRIC SHALL CONSIST OF FLAT SHEETS AND SHALL CONFORM TO ASTM A185, WITH A MINIMUM YIELD STRENGTH OF 65.0 KSI

D. PROVIDE FULL EMBEDMENT WITH STANDARD 90 DEGREE HOOKS FOR ALL DOWELS. IF NOT OTHERWISE SPECIFIED, THE DOWEL SIZE AND SPACING SHALL BE THE SAME AS THE MAIN REINFORCING.

E. WHEN REINFORCING STEEL IN GRADE BEAMS, WALLS, SLABS AND BEAMS, IS NOTED AS CONTINUOUS, SPLICE REINFORCING STEEL ONLY WHEN UNAVOIDABLE DUE TO STOCK LENGTHS. STAGGER ALL SPLICES A MINIMUM OF 4'-0". ADJACENT BAR SPLICES ARE NOT ACCEPTABLE.
LOCATE THE TOP BAR SPLICES WITHIN THE MIDDLE HALF OF THE SPAN AND LOCATE THE BOTTOM BAR SPLICES AT SUPPORTS OR BETWEEN SUPPORTS AND 1/3 SPAN POINT, UNLESS NOTED OTHERWISE ON PLANS, DETAILS OR SCHEDULES.

F. PROVIDE INTERIOR AND EXTERIOR HORIZONTAL LAPPED CORNER BARS AT ALL CORNERS TO MATCH THE SIZE, TYPE AND SPACING OF THE WALL AND GRADE BEAM HORIZONTAL REINFORCING.

G. UNLESS SPECIFICALLY NOTED, SCHEDULED OR DETAILED OTHERWISE, PROVIDE DEVELOPMENT LENGTH FOR REINFORCING IN CONCRETE COMPONENTS IN ACCORDANCE WITH THE SCHEDULE IN NOTE H. BELOW. THIS SCHEDULE SHALL APPLY TO ALL DEVELOPMENT LENGTHS NOT OTHERWISE NOTED, DETAILED OR SCHEDULED IN THE DRAWINGS OR SPECIFICATIONS.

H. REINFORCING BAR DEVELOPMENT LENGTHS (Ld) IN INCHES FOR VARIOUS CONCRETE STRENGTHS IN POUNDS PER SQUARE INCH (PSI). TOP BARS ARE DEFINED AS HORIZONTAL REINFORCING SO PLACED IN A MEMBER THAT MORE THAN 12 INCHES OF CONCRETE IS CAST BELOW THE BAR. ALL OTHER CONDITIONS ARE CONSIDERED BOTTOM BARS FOR DEVELOPMENT AND SPLICE LENGTH PURPOSES.

BAR SIZE GRADE 60	Ld FOR TOP BARS				Ld FOR BOTTOM BARS			
	28 DAY CYLINDER CONCRETE STRENGTH (PSI)				28 DAY CYLINDER CONCRETE STRENGTH (PSI)			
	3000/3500	4000	5000	6000	3000/3500	4000	5000	6000
#3	22	19	17	16	17	15	13	12
#4	29	25	23	21	22	19	17	16
#5	36	31	28	26	28	24	22	20
#6	43	37	34	31	33	29	26	24
#7	63	54	49	45	48	42	38	34
#8	72	62	56	51	55	48	43	39
#9	81	70	62	57	62	54	48	44
#10	89	78	69	63	69	60	53	49
#11	98	85	76	70	76	66	59	54

1. WHEN TWO BARS OF DIFFERENT SIZES ARE LAPPED, THE SMALLER SIZE SHALL GOVERN THE LAP LENGTH UNLESS SPECIFICALLY NOTED.

2. WELDED OR MECHANICAL SPLICES CAPABLE OF DEVELOPING 125% OF THE BAR YIELD STRENGTH MAY BE USED IN LIEU OF THE LAPS. SUCH SPLICES MAY BE EITHER FULL BUTT WELDS OR SERIES "C CADWELDS OR EQUAL."

J. AT LAP SPLICES, PROVIDE LAP SPLICE LENGTHS FOR REINFORCING BARS 1.3 TIMES THE Ld SHOWN IN TABLE IN NOTE H ABOVE.

K. THE GENERAL NOTES, LAP LENGTHS OR DETAILS PERTAINING TO REINFORCING STEEL AS SHOWN ON THE DETAIL SHEETS OR OTHER SCHEDULES SHALL SUPERSEDE THE NOTES SHOWN ON THIS SHEET.

L. PROVIDE THE FOLLOWING COVER FOR CAST-IN-PLACE CONCRETE REINFORCING.

1. UNFORMED SURFACES IN CONTACT WITH EARTH: 3 INCHES

2. UNFORMED SURFACES OVER MOISTURE BARRIER: 2 INCHES

3. FORMED SURFACES EXPOSED TO EARTH OR WEATHER

a. #6 AND LARGER: 2 INCHES
b. #5 AND SMALLER: 1 1/2" INCHES

4. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER
a. SLABS AND WALLS: 3/4 INCHES
b. BEAMS AND COLUMNS 1 1/2 INCHES

4. EXCAVATION, BACKFILLING & FOUNDATIONS

A. A GEOTECHNICAL EXPLORATION OF SUBSURFACE CONDITIONS, CONTAINING TEST BORINGS, LABORATORY TEST, ENGINEERING ANALYSIS AND FOUNDATION RECOMMENDATIONS, PERFORMED BY **TERRACON.**
DATED **SEP 30, 2024** REPORT NO. **92245375** IS AVAILABLE FOR REVIEW.

B. MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION SO THAT PONDING OF WATER DOES NOT OCCUR IN THE BUILDING AREA.

C. SUB-GRADE PREPARATION .

1. PERFORM DEMOLITION OF EXISTING STRUCTURES AS REQUIRED BY THE GEOTECHNICAL REPORT. THE ENTIRE VOLUME OF THE EXCAVATIONS CREATED BY DEMOLITION AND REMOVAL OF EXISTING STRUCTURES SHOULD BE BACKFILLED WITH ENGINEERED (SELECT) FILL THAT IS PROPERLY PLACED AND COMPACTED.

2. EXCAVATE EXISTING SOILS AS REQUIRED TO REMOVE ALL EXISTING VEGETATION, ROOTS AND DELETERIOUS MATERIALS FROM THE PROPOSED BUILDING AREA, AND AS REQUIRED BY GEOTECHNICAL REPORT. THE CLEARING SHOULD EXTEND BEYOND THE BUILDING EDGES. ONCE ROUGH GRADE IS ESTABLISHED, THE EXPOSED SURFACE SHOULD BE PROOF-ROLLED. ANY SOFT POCKETS OF SOFT OR WEAK SOILS ENCOUNTERED SHOULD BE REMOVED. BUILD BUILDING PAD AS REQUIRED BY GEOTECHNICAL REPORT.

3. BUILDING PAD UNDER SLAB ON GRADE SHALL BE PREPARED TO PROVIDE AN OWNER APPROVED PVR OF 1" OR LESS BASED ON RECOMMENDATIONS IN THE PROJECT GEOTECHNICAL REPORT.

D. FOUNDATIONS HAVE BEEN DESIGNED FOR ALLOWABLE PRESSURE OF **4000 PSF.**

E. REFER TO THE GEOTECHNICAL EXPLORATION FOR ADDITIONAL INFORMATION.

5. STRUCTURAL STEEL

A. ROLLED SHAPES:

1. ALL STRUCTURAL STEEL FOR ALL THE HORIZONTAL FRAMING MEMBER SHALL CONFORM TO ASTM A992, GRADE 50, UNLESS OTHERWISE NOTED

2. ALL STRUCTURAL STEEL FOR HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO ASTM A500, GRADE B WITH A MINIMUM YIELD OF 46 KSI, UNLESS OTHERWISE NOTED.

3. ALL STRUCTURAL STEEL FOR PIPE SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B, UNLESS OTHERWISE NOTED.

4. ALL STRUCTURAL STEEL FOR ANGLES, PLATES AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36, UNLESS OTHERWISE NOTED.

5. ALL EXPOSED STEEL TO BE GALVANIZED.

B. CONNECTIONS

1. THE DESIGN OF STRUCTURAL STEEL CONNECTIONS IS THE RESPONSIBILITY OF THE CONTRACTOR AND THE STEEL FABRICATOR. THE DESIGN OF THE CONNECTION SHALL BE PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER EMPLOYED BY THE STEEL FABRICATOR. THE DETAILS AND CALCULATIONS SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING:

A. ALL WELD SIZES AND LENGTHS
B. ALL BOLT SIZES, LOCATIONS, QUANTITIES AND GRADES
C. ALL PLATE AND ANGLE SIZES, THICKNESS AND DIMENSIONS
D. ALL WORK POINT LOCATIONS AND RELATED INFORMATION

2. PROVIDE STANDARD BOLTED CONNECTIONS CONFORMING TO AISC BOLTED CONNECTIONS, USING ASTM A325 OR A490 BOLTS, FOR THE BEAM END SHEARS INDICATED IN THE DOCUMENTS. PROVIDE MINIMUM OF TWO BOLTS FOR ALL CONNECTIONS.

3. ALL WELDED CONNECTIONS SHALL CONFORM TO AWS UNLESS OTHERWISE NOTED.

4. SURVEY ALL PLANS, DETAILS, SECTIONS, SCHEDULES AND SPECIFICATIONS FOR SPECIAL CONNECTIONS.

5. UNLESS OTHERWISE NOTED AND/OR SPECIFIED, ALL BEAM CONNECTIONS SHALL BE DESIGNED TO SUPPORT 1/2 THE TOTAL UNIFORM LOAD FOR THE APPLICABLE MEMBER SIZE AND SPAN AS DETERMINED BY THE TABLES FOR ALLOWABLE UNIFORM LOADS ON BEAM IN THE **16TH** EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL OF STEEL CONSTRUCTION (ASD)

6. WHERE BEAMS ARE TO RECEIVE HEADED SHEAR CONNECTORS, DESIGN THOSE BEAM CONNECTIONS FOR THE REACTION SHOWN. IF REACTIONS ARE NOT SHOWN, DESIGN THE CONNECTIONS TO SUPPORT 40 PERCENT OF THE MAXIMUM WEB SHEAR, V, FOR THE APPLICABLE MEMBER SIZE AS DETERMINED BY THE TABLES FOR ALLOWABLE UNIFORM LOADS ON BEAMS IN THE **15TH** EDITION OF THE AISC MANUAL

7. MOMENT CONNECTIONS SHOWN SHALL BE DESIGNED TO FULLY DEVELOP THE SECTION IN FLEXURE AND TO SUPPORT 1/2 THE TOTAL UNIFORM LOAD FOR SHEAR AS DESCRIBED IN NOTE 5 ABOVE.

8. WHERE FILLET WELD IS NOT SHOWN ON DETAIL, ITS SIZE SHALL BE ASSUMED TO BE THE PLATE THICKNESS OF THE THINNEST PIECE MINUS 1/16"

C. WELDS

1. CONFORM TO "CODE FOR WELDING IN BUILDING CONSTRUCTION" BY THE AMERICAN WELDING SOCIETY, LATEST EDITION.

2. WELDS ON INDICATED ON DRAWINGS ARE TO BE FILLET ALL AROUND AS PRESCRIBED BY AISC SPECIFICATION, PROVIDE WELDING OF CONTINUOUS MEMBERS OF 2 INCHES OF 3/16" INCH FILLET STITCH WELDS AT 12 INCHES OC, STAGGERED EACH SIDE, UNLESS OTHERWISE NOTED.

3. FIELD PAINT ALL WELDS W/ "GALVILITE" BY Z.R.C. OR APPROVED EQUAL ARC WELDING ELECTRODES.

4. METAL DECK - E60XX
STRUCTURAL STUDS - E6022 OR E6011, 3/32" RODS.
ALL OTHER - E70XX LOW HYDROGEN, 250 DEGREE MIN. OVEN TEMP.

5. SIZE - ALL FILLETS ARE 1/16" LESS THAN MINIMUM THICKNESS TO BE WELDED

6. PROVIDE ULTRASONIC INSPECTION BY THE TESTING LABORATORY FOR ALL WELDS INDICATED AS PENETRATION WELDS.

D. HEADED SHEAR CONNECTORS

1. ALL HEADED SHEAR CONNECTORS SHALL BE 3/4 IN. DIAMETER STUDS x 4 1/2 IN. LONG AFTER WELDING AND SHALL CONFORM TO ASTM A108 UNLESS OTHERWISE NOTED.

2. PLACE MAXIMUM NUMBER OF STUDS IN A SINGLE ROW PATTERN AND THE BALANCE IN A DOUBLE ROW PATTERN AS NECESSARY TO SATISFY THE AISC SPACING REQUIREMENT.

E. OPEN WEB STEEL JOISTS:

1. AS APPLICABLE FOR THE OPEN WEB STEEL JOIST TYPE INDICATED ON THE DRAWINGS, CONFORMING TO SJI OR AISC, WHICHEVER IS MORE STRINGENT.

2. PROVIDE JOIST BRIDGING IN ACCORDANCE WITH SJI.

3. DESIGN ROOF JOISTS USING GOVERNING LOAD COMBINATIONS WITH UPLIFT PRESSURES INDICATED ON COMPONENT AND CLADDING PRESSURES TABLE.

F. STEEL DECK:

TYPE 1

1. PROVIDE 1" VENTED METAL DECK, 20 GAUGE STEEL SHEETS AND CONFORMING TO ASTM A653, STRUCTURAL STEEL (SS), GRADE 60, GALVANIZED COATING DESIGNATION G90. PROVIDE LIGHT WEIGHT CONCRETE TOPPING (48-60 PCF), FILLING FLUTES ONLY.REFER TO ARCHITECTURAL DRAWINGS FOR INSULATION REQUIREMENTS.

2. PROVIDE STEEL ROOF DECK WITH THE FOLLOWING MINIMUM SECTION PROPERTIES:
a. MOMENT OF INERTIA: I =0.088 INCHES^4 /FOOT WIDTH
b. SECTION MODULUS: Sp =0.167 INCHES^3 /FOOT WIDTH
c. SECTION MODULUS: Sn =0.165 INCHES^3 /FOOT WIDTH

3. ATTACH STEEL ROOF DECK TO STEEL SUPPORTS AND AT SIDE LAPS AS FOLLOWS:

a. POWDER-ACTUATED FASTENERS:

SUPPORTS: "HILTI" X-HSN-24 AND "HILTI" X-ENP-19L15, 30/5 PATTERN
SIDELAPS: #12 "TEK" @ 8" O.C. MAXIMUM

b. WELDS:

SUPPORTS: 5/8" PUDDLE WELD, 30/5 PATTERN
SIDELAPS: #14 TEK SCREWS @ 8" O.C. MAX

6. INDEPENDENT TESTING LABORATORY & SPECIAL INSPECTIONS

A. A GEOTECHNICAL EXPLORATION OF SUBSURFACE CONDITIONS, CONTAINING TEST BORINGS, LABORATORY TEST, ENGINEERING ANALYSIS AND FOUNDATION RECOMMENDATIONS, PERFORMED BY **TERRACON.**
DATED **SEP 30, 2024** REPORT NO. **92245375** IS AVAILABLE FOR REVIEW.

B. EMPLOYMENT OF A TESTING LABORATORY IN NO WAY RELIEVES THE CONTRACTOR OF ANY OBLIGATION TO PERFORM WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

C. CONTRACTOR RESPONSIBILITIES:

1. DELIVER TO LABORATORY AT DESIGNATED LOCATION ADEQUATE SAMPLES OF MATERIALS PROPOSED TO BE USED WHICH REQUIRE TESTING, TOGETHER WITH PROPOSED MIX DESIGNS.

2. COOPERATE WITH LABORATORY PERSONNEL AND PROVIDE ACCESS TO WORK AND TO MANUFACTURER'S FACILITIES.

3. PROVIDE INCIDENTAL LABOR AND FACILITIES TO PROVIDE ACCESS TO WORK TO BE TESTED, TO OBTAIN AND HANDLE SAMPLES AT THE SITE OR AT SOURCE OF PRODUCTS TO BE TESTED, TO FACILITATE TEST AND INSPECTIONS AND FOR STORAGE AND CURING OF TEST SAMPLES.

4. NOTIFY LABORATORY OF MATERIAL SOURCES AND FURNISH NECESSARY QUANTITIES OF REPRESENTATIVE SAMPLES OF MATERIALS PROPOSED FOR USE WHICH ARE REQUIRED TO BE TESTED.

5. NOTIFY ARCHITECT AND LABORATORY 24 HOURS PRIOR TO EXPECTED TIME FOR OPERATIONS REQUIRING INSPECTION AND TESTING SERVICES.

6. ADVISE LABORATORY IN A TIMELY FASHION TO COMPLETE REQUIRED INSPECTION AND TESTING PRIOR TO SUBSEQUENT WORK BEING PERFORMED.

7. PAY FOR ALL SUBSEQUENT RE-TESTING OF PRODUCTS OR SYSTEMS FOUND TO BE DEFECTIVE OR OTHERWISE NOT IN ACCORDANCE WITH SPECIFICATION REQUIREMENTS. REMOVE REJECTED PRODUCTS AND REPLACE WITH PRODUCTS OF SPECIFIED QUALITY.

D. SPECIAL INSTRUCTIONS:

1. THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTOR(S) TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF CONSTRUCTION LISTED IN THIS SECTIONS. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO THE INSPECTIONS BEING PERFORMED TO THE SATISFACTION OF THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL. THE SPECIAL INSPECTOR SHALL HAVE EXPERIENCE WITH AT LEAST FIVE OTHER PROJECTS SIMILAR IN NATURE.

2. THE PURPOSE OF THE INSPECTIONS SHALL BE TO ENFORCE COMPLIANCE WITH THE CONSTRUCTION DRAWINGS, SPECIFICATIONS, GEOTECHNICAL REPORT AND THE **2018** INTERNATIONAL BUILDING CODE, SECTION 1704.

3. THE FOLLOWING ITEMS REQUIRE INSPECTION BY THE SPECIAL INSPECTOR:

REFERENCED STANDARD	FREQUENCY
STRUCTURAL / REINFORCING STEEL:	
HIGH STRENGTH BOLTING	
BEARING TYPE CONNECTIONS	PERIODIC
SLIP CRITICAL CONNECTIONS	CONTINUOUS
WELDING OF STRUCTURAL STEEL	
FULL PENETRATION GROOVE WELDS	CONTINUOUS
MULTI-PASS FILLET WELDS	CONTINUOUS
SINGLE-PASS FILLET WELDS > 5/16"	CONTINUOUS
SINGLE-PASS FILLET WELDS <=5/16"	PERIODIC
FLOOR AND DECK WELDS	PERIODIC
WELDING OF REINFORCING STEEL	
WELDABILITY OF STEEL, OTHER THE ASTM A706	PERIODIC
SHEAR REINFORCEMENT	CONTINUOUS
OTHER REINFORCEMENT	PERIODIC
INSPECTION OF STEEL FRAME AND JOISTS	
DETAILS SUCH AS BRACING AND STIFFENING	PERIODIC
MEMBERS SIZES AND LOCATION	PERIODIC
APPLICATION OF CONNECTION DETAIL	PERIODIC
CONCRETE CONSTRUCTION	
REINFORCING STEEL	PERIODIC RANDOMLY @ 20%
CONCRETE MIX DESIGN	PERIODIC EACH CONCRETE POUR
SAMPLING OF FRESH CONCRETE	CONTINUOUS (SEE NOTE 1)
MAINTENANCE OF SPECIFIED CURING TEMPS AND TECHNIQUES	PERIODIC EACH POUR
INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	CONTINUOUS
INSPECTION OF MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	PERIODIC
DRILLED & EPOXIED ANCHORS	EACH APPLICATION (SEE NOTE 2)
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS	PERIODIC
SOILS (SLAB-ON-GRADE):	
VISUAL OBSERVATIONS	PERIODIC
PROOF ROLLING OBSERVATION	CONTINUOUS
MOISTURE CONDITIONING & RECOMPACTION	CONTINUOUS OR PERIODIC, 1 DENSITY TEST FOR EACH 2,000 SF
DURING FILL PLACEMENT	CONTINUOUS OR PERIODIC
EVALUATION OF IN PLACE DENSITY FILL	CONTINUOUS OR PERIODIC
PIERS:	
OBSERVE DRILLING OPERATIONS AND COMPLETE RECORD OF DRILLING	CONTINUOUS
VERIFY PLACEMENTS LOCATIONS AND PLUMBNESS, LENGTH, EMBEDMENT AND ADEQUATE BEARING STRENGTH CAPACITY CONFIRM PIER DIAMETER, REINFORCING STEEL - RE CONCRETE ABOVE	CONTINUOUS

NOTES:

1. PROVIDE A SET OF 4 FOR EVERY 75 CY OF BUT NOT LESS THAN 1 / 5,000 SF OF SLAB OR WALL SURFACE AREA. MONITOR SLUMP AND AIR CONTENT OF CONC. AND NOTIFY DELIVERY DRIVER IF SLUMP DEVIATES MORE THAN 1" FROM SPEC'D VALUE.

2. ALL DRILLED AND EPOXIED ANCHORS (REBAR, BOLTS, THREADED RODS ETC.) SHALL BE PULL TESTED TO 110% FOR NO LESS THAN 3 MIN.

3. ADDITIONAL TESTS AT THE CONTRACTOR'S EXPENSE WILL BE PERFORMED TO DETERMINE COMPLIANCE OF REPLACED OR ADDITIONAL WORK WITH SPECIFIED REQUIREMENTS.

4. CORRECT DEFICIENCIES IN WORK THAT TEST REPORTS AND INSPECTIONS INDICATE DO NOT COMPLY WITH THE CONTRACT DOCUMENTS.

5. PROVIDE THE ENGINEER OF RECORD (EOR) COPIES OF ALL SPECIAL INSPECTIONS SO A SPECIAL INSPECTIONS REPORT CAN BE PREPARED FOR OBTAINING A CERTIFICATE OF OCCUPANCY.

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
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PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS • FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
GENERAL STRUCTURAL CRITERIA

SHEET NUMBER
S101

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_ R23.rvt
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DATE STAMP: 12/5/2024 10:28:46 PM

7. MASONRY

A. CONSTRUCT REINFORCED MASONRY IN ACCORDANCE WITH "SPECIFICATION FOR MASONRY STRUCTURES", ACI 530.1/ASCE 6. MASONRY ALLOWABLE DESIGN STRESSES ARE BASED UPON REQUIRING NO SPECIAL INSPECTION.

B. ALL CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N, TYPE 1 MINIMUM FACE THICKNESS SHALL BE 1.25". ALL WALLS ARE LIGHT WEIGHT BLOCKS (105 PCF OR LESS).

C. REINFORCING STEEL SHALL BE ASTM A615, GRADE 60. ALL BOLTS USED FOR ANCHORAGE SHALL BE ASTM A307 HEADED BOLTS.

D. MASONRY STRENGTH (F'M) AT 28 DAYS SHALL BE A MINIMUM OF 2,000 PSI. USE TYPE M OR S MORTAR. MASONRY UNITS SHALL HAVE A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2800 PSI. GROUT SHALL CONFORM TO ASTM C476. GROUT STRENGTH SHALL BE AT LEAST 2800 PSI.

E. PROVIDE MORTAR BED OR WEB BETWEEN GROUTED BED AND HOLLOW CELL. USE FULL HEAD AND BED JOINTS.

F. UNLESS SHOWN ON DETAILS, PROVIDE #9 LADDER OR TRUSS HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. PROVIDE 2-#5 AT ALL JAMBS AND ENDS OF WALLS.

G. GROUT SOLID THE FIRST CELL ON EITHER SIDE OF DOOR OPENINGS, UNLESS OTHERWISE NOTED. PROVIDE 8" U-BLOCK CMU LINTEL WITH 8" BEARING EACH END; REINFORCE WITH (2) #4 BOTTOM.

H. EMBED ALL BOLTS IN FULL GROUTED CELL. PLACE BOLTS IN SAME VERTICAL CELL AS REINFORCING IF POSSIBLE. MINIMUM EMBEDDED LENGTH IS ONE-HALF WIDTH OF CELL.

I. UNLESS SHOWN ON DETAILS, PROVIDE (2) #5 HORIZONTAL REINFORCEMENT IN FULLY GROUTED CELL AT 8'-0" OC VERTICALLY.

J. GROUT SOLID THE FIRST CELL ON EACH LEVEL & ROOF. REINFORCE WITH HORIZONTAL AS PER NOTE I.

REINFORCEMENT TABLE: NON-LOAD BEARING CMU WALL (CMU 2.0-60, 105 PCF)

INTERIOR WALLS = 10 PSF

UNBRACED HEIGHT, FT	6" CMU	8" CMU	10" CMU	12" CMU
10'-0"	#4 @ 48" OC	#4 @ 48" OC	#4 @ 48" OC	
12'-0"	#4 @ 48" OC	#4 @ 48" OC	#4 @ 48" OC	
14'-0"	#4 @ 48" OC	#4 @ 48" OC	#4 @ 48" OC	
16'-0"	#4 @ 40" OC	#4 @ 48" OC	#4 @ 48" OC	
18'-0"	#4 @ 32" OC	#4 @ 48" OC	#4 @ 48" OC	
20'-0"	#4 @ 24" OC	#4 @ 40" OC	#4 @ 48" OC	
22'-0"	#4 @ 16" OC	#5 @ 32" OC	#4 @ 48" OC	
24'-0"		#5 @ 32" OC	#4 @ 40" OC	
26'-0"		#5 @ 24" OC	#4 @ 32" OC	
28'-0"		#6 @ 32" OC	#5 @ 40" OC	
30'-0"		#6 @ 24" OC	#5 @ 32" OC	
32'-0"		#6 @ 24" OC	#6 @ 32" OC	
34'-0"			#5 @ 24" OC	
36'-0"			#7 @ 32" OC	
38'-0"			#7 @ 32" OC	#7 @ 32" OC
40'-0"				#7 @ 32" OC

EXTERIOR WALLS = 30 PSF

UNBRACED HEIGHT, FT	6" CMU	8" CMU	10" CMU	
10'-0"	#4 @ 32" OC	#4 @ 48" OC	#4 @ 48" OC	
12'-0"	#4 @ 24" OC	#4 @ 32" OC	#4 @ 48" OC	
14'-0"	#4 @ 16" OC	#5 @ 32" OC	#4 @ 32" OC	
16'-0"	#6 @ 16" OC	#5 @ 24" OC	#5 @ 40" OC	
18'-0"		#5 @ 16" OC	#5 @ 24" OC	
20'-0"		#6 @ 16" OC	#5 @ 24" OC	
22'-0"		#6 @ 8" OC	#5 @ 16" OC	
24'-0"			#6 @ 16" OC	
26'-0"			#7 @ 16" OC	
28'-0"			#7 @ 8" OC	
30'-0"			#8 @ 8" OC	

NOTES:
1. DEFINITIONS: "H" CLEAR WALL HEIGHT, FEET, BETWEEN CONNECTIONS TO STRUCTURE.
"U.R." UNREINFORCED WALL (NO VERTICAL REINFORCEMENT IS REQUIRED, EXCEPT AS DETAILED ON DRAWINGS AT OPENINGS, ETC.).
"N.A." NOT APPLICABLE, THICKER WALL REQUIRED FOR SPAN.

2. IF THE UNBRACED WALL HEIGHT FALLS BETWEEN ANY TWO LIMITS LISTED IN THE TABLE, REINFORCEMENT FOR THE GREATER HEIGHT SHALL BE PROVIDED. EXAMPLE: IF UNBRACED HEIGHT = 15'-0" (FALLING BETWEEN 14'-0" AND 16'-0"), REINFORCEMENT FOR 16'-0" UNBRACED HEIGHT SHALL BE PROVIDED.

3. SPECIFIED REINFORCING STEEL SHALL BE PLACED IN CENTER OF WALL. (Fy=60 ksi)

4. SEE GENERAL NOTES AND SPECIFICATIONS FOR HORIZONTAL REINFORCING REQUIREMENTS.

5. THIS TABLE SHALL ONLY BE USED FOR VERTICALLY SPANNING C.M.U. WALLS.

6. SEE TYPICAL DETAILS FOR BRACING REQUIREMENTS AT THE TOP/ENDS OF THE WALL AND DOWELS TO THE STRUCTURE. REINFORCING STEEL SHALL BE CENTERED IN THE C.M.U. WALL BY USING BAR POSITIONERS AT 8'-0" O.C. VERTICALLY.

7. SPLICING OF VERTICAL STEEL: PROVIDE MINIMUM SPLICE LAP LENGTH OF 36" OR 48 BAR DIAMETERS.

8. FOR USE WITH PORTLAND CEMENT/LIME MORTAR.

8. CONCRETE MASONRY UNIT (CMU) LINTEL SCHEDULE

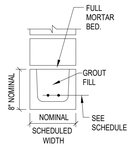
MASONRY OPENING	U-BLOCK	REINFORCING
LESS THAN 4'-8"	8" x 8"	(2) #4
4'-8" BUT LESS THAN 5'-8"	8" x 8"	(2) #5
5'-8" BUT LESS THAN 6'-8"	8" x 8"	(2) #6
GREATER THAN 6'-8"	-	RE: PLAN FOR DETAILS

A. PROVIDE 8" MINIMUM BEARING EACH END FOR CMU LINTELS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS.

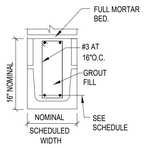
B. CURVE CMU LINTEL AND REINFORCING FOR THE RADIUS OF THE WALL WHERE OCCURRING AND PROVIDE 1'-4" MINIMUM BEARING EACH END.

SPAN	4x8	6x8	6x16	8x8	8x16	10x8	10x16	12x8	12x16
3-4	1-#3	1-#3	—	1-#3	—	2-#3	—	2-#3	—
4-0	1-#3	1-#4	—	2-#3	—	2-#3	—	2-#4	—
4-8	1-#4	1-#4	—	2-#4	—	2-#4	—	2-#4	—
5-4	1-#4	2-#4	—	2-#4	—	2-#4	2-#3	2-#5	—
6-0	1-#5	2-#4	1-#4	2-#4	2-#3	2-#5	2-#4	2-#5	2-#4
6-8	N/A	N/A	1-#5	N/A	2-#4	N/A	2-#4	2-#6	2-#4
7-4	↑	↑	1-#5	↑	2-#4	↑	2-#4	N/A	2-#5
8-0			1-#6		2-#4		2-#5	↑	2-#5
8-8			1-#6		2-#5		2-#5		2-#6
9-4	N/A	N/A	1-#7	N/A	2-#5	N/A	2-#6	N/A	2-#6

NOTES:
1. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.
2. PROVIDE 1" OF BEARING AT EACH JAMB FOR EACH FOOT OF CLEAR SPAN BUT NOT LESS THAN 7 5/8". REINFORCEMENT SHALL PROJECT A MINIMUM OF 6" ONTO THE BEARING.
3. MINIMUM MASONRY COMPRESSIVE STRENGTH OF GROUTED PRISM f'm=1500 psi.
4. LINTELS SCHEDULED AS 16" HIGH MAY BE EITHER TYPE "B" OR TYPE "C" AS DETAILED BELOW.
5. PRECAST CONCRETE LINTELS AS SHOWN MAY BE USED WITH ARCHITECT'S APPROVAL. MINIMUM f'c = 3000 psi.



TYPE A



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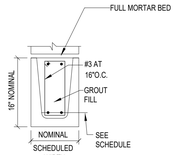

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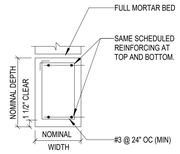

PRECAST

9. COLD-FORMED METAL FRAMING:

A. PROVIDE COLD-FORMED METAL FRAMING, INCLUDING TRUSSES, STUDS, JOIST, TRACK, RUNNERS, LINTELS, CLIP ANGLES, REINFORCEMENTS, SHOES, BLOCKING, AND BRIDGING, COMPLETE WITH ALL FASTENERS, AND ACCESSORIES NEEDED FOR A COMPLETE AND FINISHED INSTALLATION.

B. THE STRUCTURAL DRAWINGS INDICATE THE GENERAL CONFIGURATION OF FRAMING FOR TYPICAL CONDITIONS ONLY. FINAL CONFIGURATION OF DETAILS AS WELL AS ALL SUPPLEMENTARY FRAMING TO OBTAIN THE ROOF PROFILES SHOWN ON THE PLANS SHALL BE AS DETERMINED BY DESIGN.

C. COLD-FORMED METAL FRAMING SHALL BE DESIGNED IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE (AISI) PUBLICATION: "SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION. PROVIDE STEEL FOR RAFTERS, JOISTS, STUDS AND ACCESSORIES CONFORMING TO ASTM A1003, GRADE 50, STRUCTURAL QUALITY STEEL SHEET FORMED TO 'C' SHAPES, UNPUNCHED WITH STIFFENED FLANGES.

D. ALL STRUCTURAL MEMBERS SHALL BE FORMED FROM CORROSION-RESISTANT STEEL, CORRESPONDING TO THE REQUIREMENTS OF ASTM A446, GRADE C, WITH A MINIMUM YIELD STRENGTH OF 50 KSI FOR STUDS AND JOISTS AND GRADE A, 33KSI, FOR RUNNERS. ALL STRUCTURAL MEMBERS SHALL BE ZINC COATED MEETING ASTM A525, G-60, OR EQUIVALENT. TYPICAL.

E. FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING SCREWS OR BY WELDING. SCREWS AND WELDS SHALL BE OF SUFFICIENT SIZE TO ENSURE THE STRENGTH OF THE CONNECTION. ALL WELDS SHALL BE TOUCHED-UP WITH A ZINC-RICH PAINT.

F. SUBMIT SHOP DRAWINGS FOR ALL FRAMING PREPARED UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER, AND CALCULATIONS, SIGNED AND SEALED BY SAID ENGINEER, FOR REVIEW PRIOR TO ERECTION OF ANY COLD-FORMED METAL FRAMING.

SHOP DRAWINGS SUBMITTED FOR REVIEW SHALL CONTAIN THE FOLLOWING FOR EACH :

A. COMPLETE ERECTION DRAWINGS SHOWING LOCATION AND SPACING OF ALL FRAMING MEMBERS.
B. SIZE AND GAGE OF ALL FRAMING MEMBERS.
C. DETAIL DRAWINGS OF ALL PREFABRICATED ASSEMBLIES.
D. LOADING CONDITIONS USED IN DESIGN.
E. CALCULATED FORCES FOR ALL MEMBERS.
F. ANCHORAGE DETAILS, CONNECTION DETAILS, SLICE DETAILS, TEMPORARY AND PERMANENT BRACING.

G. TEMPORARY BRACING, WHERE REQUIRED, SHALL BE PROVIDED UNTIL ERECTION IS COMPLETE.

H. THE INFORMATION PROVIDED SHALL TAKE INTO ACCOUNT AND SHOW ALL SPECIAL DESIGN, FRAMING AND CONNECTION REQUIREMENTS SUCH AS AT CONCENTRATED LOADS, UNBALANCED OR UNSYMMETRICAL LOAD CONDITIONS, AND OTHER NON-TYPICAL FRAMING DETAILS.

I. SPLICES IN FRAMING COMPONENTS, OTHER THAN RUNNER TRACK, SHALL NOT BE PERMITTED.

J. BLOCKING SHALL BE PROVIDED AT SUPPORTS WHERE JOISTS ARE NOT OTHERWISE RESTRAINED FROM ROTATION.

K. ABUTTING LENGTHS OF RUNNER TRACK SHALL BE BUTT-WELDED, SPLICED OR EACH LENGTH SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT. RUNNER TRACK SHALL BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE.

L. PROVIDE MEMBERS WITH THE FOLLOWING MINIMUM SECTION PROPERTIES:

SECTION	MINIMUM THICKNESS	Ix (MOMENT OF INERTIA	Sx (SECTION MODULUS)	FY (YIELD STRENGTH)
6" TYPICAL JOISTS, RAFTERS	0.056 INCHES	2.83 INCHES ^{4}	0.95 INCHES^3	50 KSI
6" EXTERIOR STUDS	0.056 INCHES	2.31 INCHES ^{4}	0.95 INCHES^3	50 KSI
3 5/8" INTERIOR STUDS	0.045 INCHES	0.71 INCHES ^{4}	0.39 INCHES^3	33 KSI
RUNNER TRACK	0.045 INCHES	2.49 INCHES ^{4}	0.81 INCHES^3	33 KSI

M. MEMBER PERFORMANCE:

1. RAFTERS AND HEADERS: VERTICAL DEFLECTION IS LIMITED TO 1/240 OF THE SPAN.

2. STUDS: HORIZONTAL DEFLECTION IS LIMITED TO 1/240 OF THE SPAN (TYPICAL); FOR BRICK VENEER 1/600 OF THE SPAN.

10. LOOSE VENEER LINTEL SCHEDULE

MASONRY OPENING	SIZE	DETAIL
LESS THAN 4'-0"	L 3 1/2 x 3 1/2 x 1/4	L
4'-0" BUT LESS THAN 5'-0"	L 4 x 4 x 1/4	L
5'-0" BUT LESS THAN 6'-0"	L 5 x 3 1/2 x 1/4 LLV	L
6'-0" BUT LESS THAN 7'-0"	L 6 x 3 1/2 x 5/16 LLV	L
7'-0" BUT LESS THAN 8'-6"	L 6 x 4 x 5/16 LLV	L

NOTE:
PROVIDE 8" MINIMUM BEARING EACH END FOR STEEL LOOSE LINTELS. ONE ANGLE SHALL BE PROVIDED FOR EACH WYTHE OF BRICK. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS. HOT DIP GALVANIZE ALL LINTELS AFTER FABRICATION.

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REVISION HISTORY

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DECEMBER 09, 2024

SHEET NAME
GENERAL STRUCTURAL CRITERIA

SHEET NUMBER
S102

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_R23.rvt
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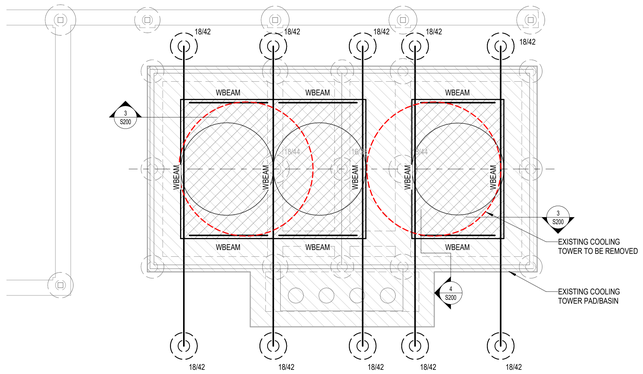
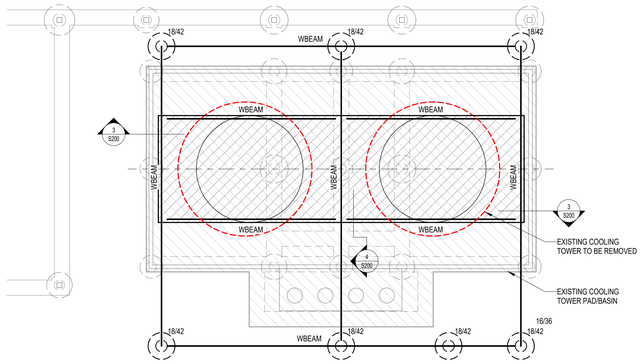


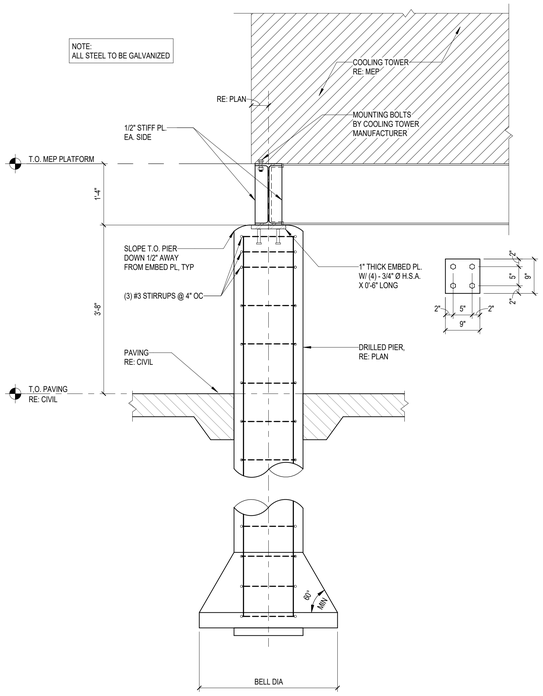
VERIFY DIMENSIONS WITH MECH EQUIPMENT SUPPLIER AND MEP DWGS

1 COOLING TOWER FOUNDATION AND FRAMING PLAN - MARLEY
1/8" = 1'-0"

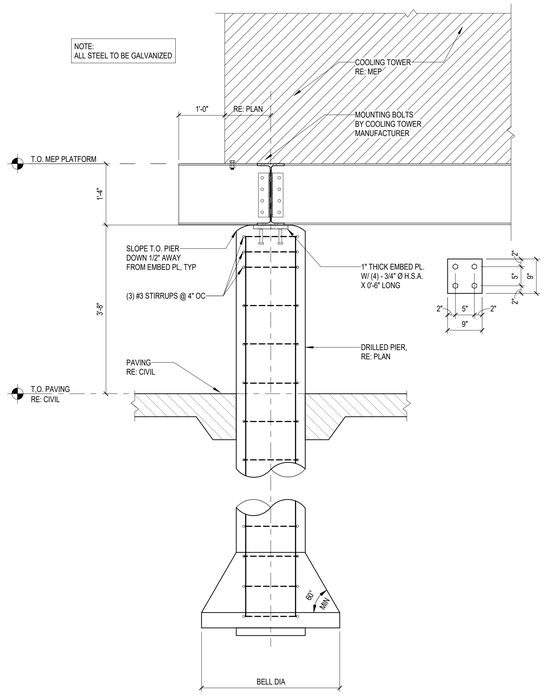


VERIFY DIMENSIONS WITH MECH EQUIPMENT SUPPLIER AND MEP DWGS

2 COOLING TOWER FOUNDATION AND FRAMING PLAN - EVAPCO
1/8" = 1'-0"



3 COOLING TOWER SUPPORT
3/4" = 1'-0"



4 COOLING TOWER SUPPORT
3/4" = 1'-0"

NOTE:
1. ALL STEEL TO BE GALVANIZED
2. ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED AND VERIFIED PRIOR TO ANY CONSTRUCTION IN THE VICINITY OF THE UTILITIES
3. THE EXISTING COOLING TOWER CURB TO BE REPAIRED FOR ANY CONCRETE DETERIORATION AND SPALLING AFTER THE REMOVAL OF THE EXISTING COOLING TOWER
4. REFERENCE MECHANICAL DRAWINGS FOR CORRESPONDING MECHANICAL DETAILS
5. CONTRACTOR TO VERIFY ALL DIMENSIONS WITH MANUFACTURER CUT SHEETS
6. INFORM CONSULTANT OF ANY DISCREPANCY PRIOR TO PROCEEDING WITH CONSTRUCTION
7. REFER TO TABLE 1 ON S203 FOR DIMENSIONS AND BEAM SIZES

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713.337.8881
D + A PROJECT #24-073-00

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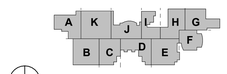
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
JT	LM

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

FOUNDATION AND FRAMING COOLING TOWER PLAN

SHEET NUMBER

S200

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_ R23.rvt
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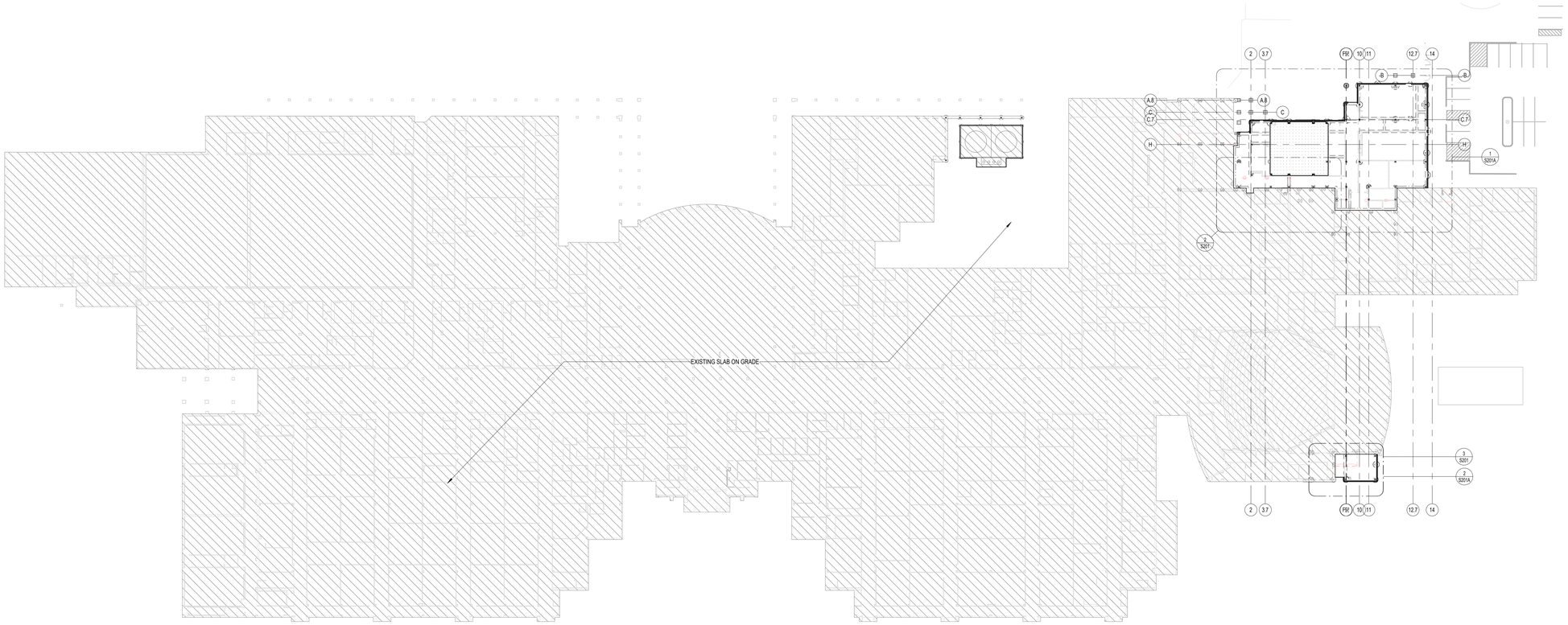
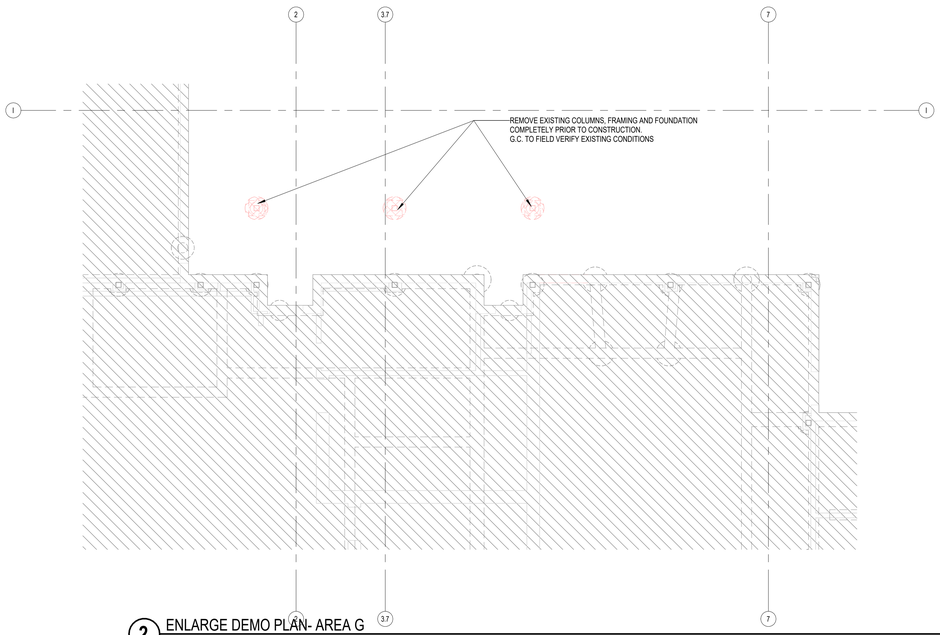
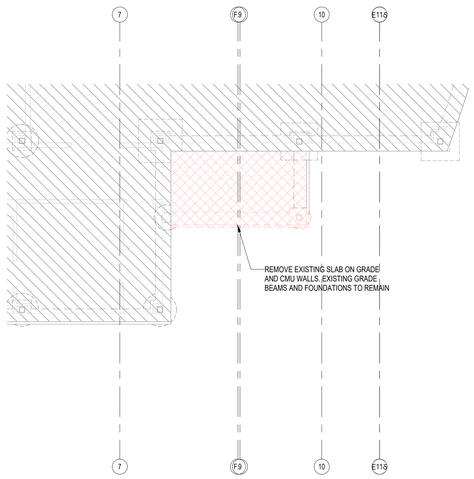


1 FOUNDATION PLAN - OVERALL
1" = 40'-0"



2 ENLARGE DEMO PLAN- AREA G
1/8" = 1'-0"



3 ENLARGE DEMO PLAN- AREA F
1/8" = 1'-0"

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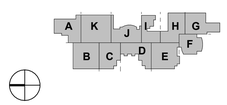
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
FOUNDATION PLAN - OVERALL

SHEET NUMBER
S201

FILE PATH: Autodesk Docs:/33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_R23.rvt
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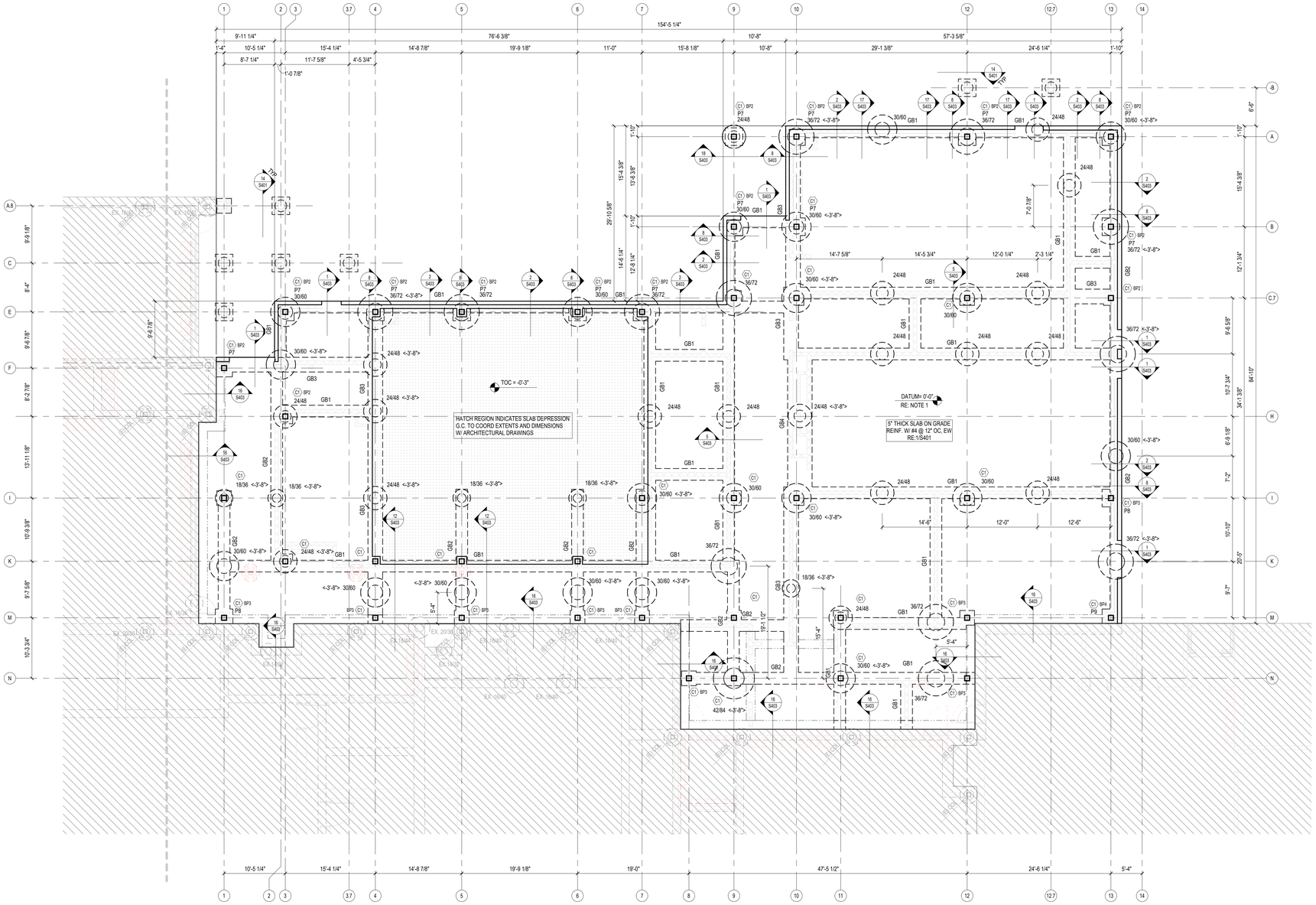
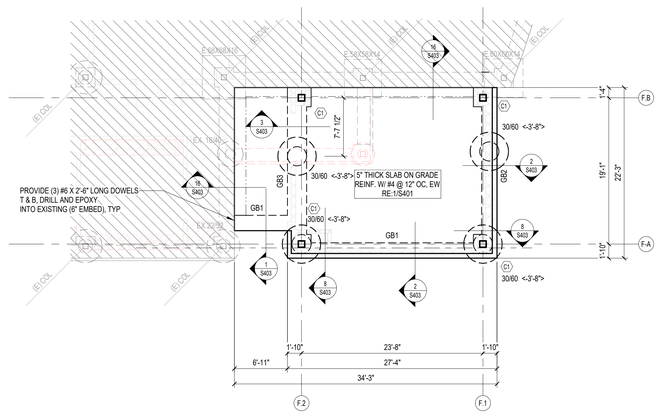


1 FOUNDATION PLAN- AREA G
1/8" = 1'-0"



2 FOUNDATION PLAN - AREA F
1/8" = 1'-0"

FOUNDATION NOTES:

1. DATUM ELEVATION <0'-0"> CORRESPONDS TO TRUE ELEVATION = RE: CIVIL.
   ALL ELEVATIONS ARE RELATIVE TO DATUM ELEVATION <0' - 0">.

2. "18/36" (EXAMPLE) INDICATES DRILLED PIER SHAFT AND BELL SIZE
   ALL INTERIOR DRILLED PIERS ARE AT ELEVATION <-2'-8"> TYP, UON.
   ALL EXTERIOR DRILLED PIERS ARE AT ELEVATION <-2'-8"> TYP, UON.
   ALL INTERMEDIATE PIERS ARE CENTERED BETWEEN GRIDS ON THE GRADE BEAM, TYP UON.
   FOR DRILLED PIER SCHEDULE & DETAILS RE: S301.

3. "P1" (EXAMPLE) INDICATES PLINTH TYPE
   ALL INTERIOR PLINTHS ARE TYPE "P1" UON
   ALL PERIMETER PLINTHS ARE TYPE "P2" UON
   ALL CORNER PLINTHS ARE TYPE "P3" UON
   T.O. PLINTHS ARE AT <- -0'-8"> TYP, UON.
   FOR PLINTH SCHEDULE & DETAILS RE: S301.

4. "GB1" (EXAMPLE) INDICATES GRADE BEAM TYPE
   ALL GRADE BEAMS ARE TYPE 'GB1' UON AND AT ELEVATION <-0'-8"> TYP, UON.
   PROVIDE TYPICAL CORNER BARS AT ALL GRADE BEAM INTERSECTIONS PER 5/S401.
   FOR GRADE BEAM SCHEDULE & DETAILS RE: S301.

5. * (C1) * (EXAMPLE) INDICATES COLUMN SIZE

   "[BP1]" (EXAMPLE) INDICATES BASE PLATE TYPE
   FOR COLUMN, BASE PLATE & ANCHOR BOLT SCHEDULE RE: S302
   PROVIDE TYPICAL BLOCKOUTS AT EACH COLUMN PER DETAILS 6, 7, 8 & 9/S401, TYP UON.

6. PROVIDE CONTROL JOINTS AT EVERY COLUMN LINE AND AT A MAXIMUM SPACING
   OF 36 TIMES THE SLAB THICKNESS (NOT TO EXCEED 15'-0"). TYPICAL UON.
   FOR ADDITIONAL INFORMATION RE: 3/S401.

7. PROVIDE ADDITIONAL REINFORCING AT ALL RE-ENTRANT CORNERS PER 5/S401.

8. VERIFY ALL SLOPES, DEPRESSIONS, ELEVATIONS WITH ARCH. PRIOR TO CONSTRUCTION

9. CONCRETE CURBS NOT SHOWN FOR CLARITY.
   G.C TO PROVIDE CONCRETE CURB AS DESIGNATED IN ARCHITECTURAL DRAWINGS.
   FOR TYPICAL CONCRETE CURB DETAIL RE: 13/S401.

10. ALL CMU WALL LOCATIONS ARE FOR REFERENCE ONLY.
    G.C. TO COORDINATE FINAL CMU WALL LOCATIONS WITH ARCHITECTURAL DRAWINGS

11. G.C. TO PROVIDE A HOUSEKEEPING PAD UNDER ALL MECHANICAL UNITS.
    FOR TYPCIAL HOUSEKEEPING PAD DETAIL RE: 12/S401.

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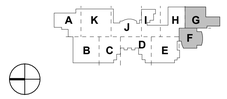
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

FRED DALLY
50904
LICENSED
PROFESSIONAL ENGINEER
TEXAS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
JT	LM

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

FOUNDATION PLAN- AREA G&F

SHEET NUMBER

S201A

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_ R23.rvt
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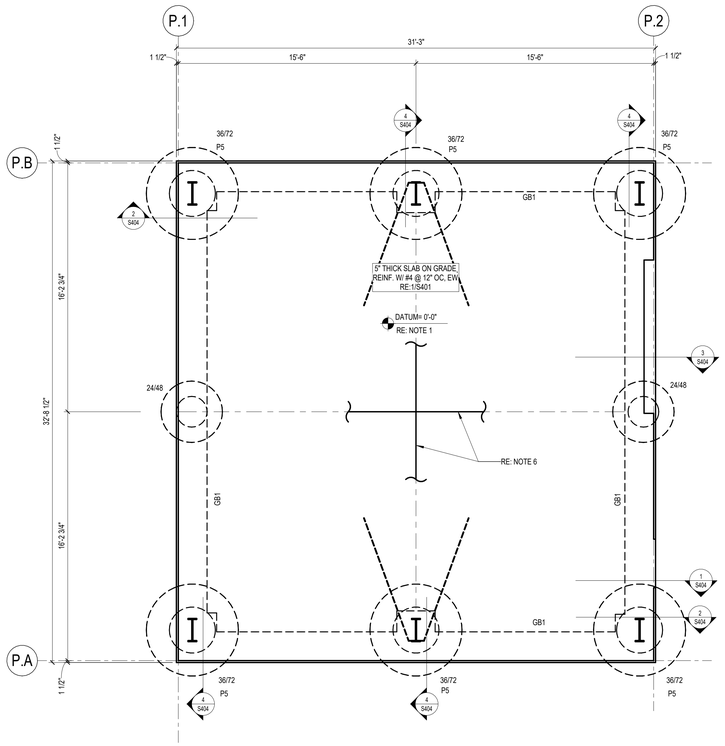
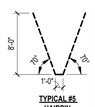


1 FOUNDATION PLAN- PEMB
1/4" = 1'-0"



TYPICAL #5 HAIRPIN

FOUNDATION NOTES:

1. DATUM ELEVATION 0'-0" CORRESPONDS TO TRUE ELEVATION = RE: CIVIL
2. ALL ELEVATIONS ARE RELATIVE TO DATUM ELEVATION TYP, U.N.O.
3. TOP OF ALL PIERS AT PERIMETER GRADE BEAMS IS <-2'-8"> BELOW F.F.E. TYP, U.N.O.
   TOP OF ALL INTERIOR PIERS IS <-2'-8"> BELOW F.F.E. TYP, U.N.O.
   FOR DRILLED PIER SCHEDULE AND DETAILS RE: S3.01
4. TOP OF ALL EXTERIOR PLINTHS ARE AT <0'-8"> TYP, U.N.O.
   TOP OF ALL INTERIOR PLINTHS ARE AT <0'-8"> TYP, U.N.O.
   ALL CORNER PLINTHS ARE TYPE P1, U.N.O.
   ALL EXTERIOR PLINTHS ARE TYPE P2, U.N.O.
   FOR PLINTH SCHEDULE AND DETAILS RE: S3.01
5. VERIFY ALL SLOPES, DEPRESSIONS, ELEVATIONS WITH ARCH. PRIOR TO CONSTRUCTION.
6. PROVIDE CONTROL JOINTS AT EVERY COLUMN LINE AND AT A MAXIMUM SPACING OF 36 TIMES THE SLAB THICKNESS (NOT TO EXCEED 15 FEET), U.N.O.
7. FD - INDICATES FLOOR DRAIN, COORDINATE LOCATION WITH ARCH/ MEP.
8. FOLLOW PEMB ANCHOR BOLT LAYOUT DRAWINGS FOR ANCHOR BOLTS. DO NOT USE THESE DRAWINGS TO PLACE ANCHOR BOLT LOCATIONS.
9. FOUNDATION CONSTRUCTION CANNOT BEGIN UNTIL FINAL PEMB DRAWINGS HAVE BEEN RECEIVED AND REVIEWED BY EOR.

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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2024 CY RIDGE HS RENOVATION

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33AC23221	CFISD
DRAWN BY	**CHECKED BY**
JT	LM

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

FOUNDATION PLAN- PEMB

SHEET NUMBER

S201B

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REFER TO ARCHITECTURAL OR CIVIL DRAWINGS FOR LOCATION OF COURTS ON SITE

NOTE TO G.C.

1. RE: ARCH FOR TENNIS COURT SLOPES, IF REQUIRED.

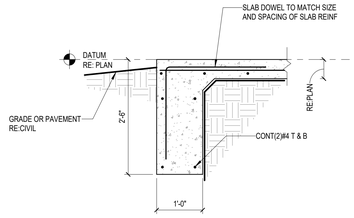
2. RE: CIVIL FOR TOP OF CONCRETE ELEVATION

3. FIELD VERIFY ALL DIMENSIONS

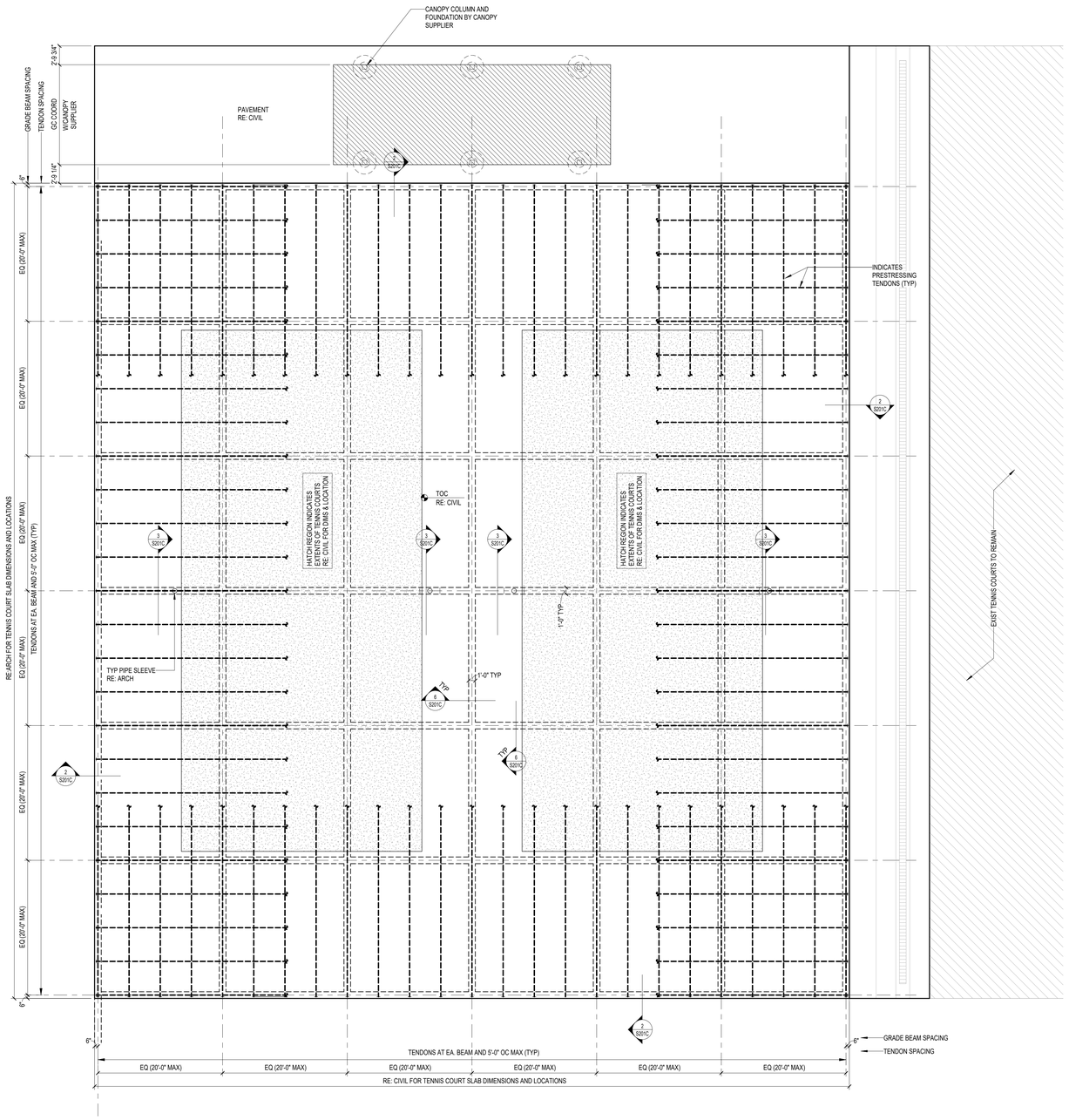
4. LOCATE ELASTOMERIC METAL CONSTRUCTION JOINT BETWEEN EVERY OTHER COURT. JOINTS SHALL NEVER BE INSTALLED IN THE PLAY AREAS. MULTIPLE COURT BANKS MAY HAVE AN EXPANSION JOINT EVERY TWO COURTS. WHERE THIS OCCURS, THE CABLES WILL BE "DEAD ENDED" ON BOTH SIDES.

5. FOR MULTI COURT BANKS, AN ACCEPTED ALTERNATIVE JOINT METHOD WOULD BE TO CONSTRUCT A COMMON EXPANSION JOINT BETWEEN EVERY TWO COURTS WITH A "T-JOINT" METHOD. THE CABLING SYSTEM CAN BE CONTINUED THROUGH THE SYSTEM TO ALLOW FOR TENSION TO BE APPLIED AT THE END OF THE TOTAL SLAB DISTANCE. JOINT TYPE AND LOCATION TO BE CONFIRMED BY THE PT CONTRACTOR.

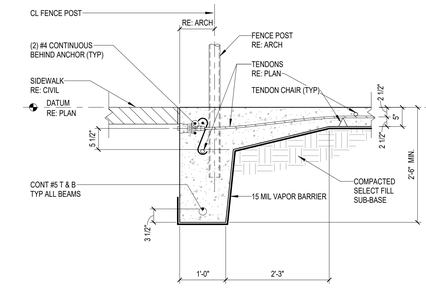
6. PLANS AND SECTIONS INCLUDED FOR BIDDING PURPOSES ONLY. SUBCONTRACTOR SHALL PROVIDE DESIGN INFORMATION AND LAYOUT AS REQUIRED.



4 SECTION
3/4" = 1'-0"

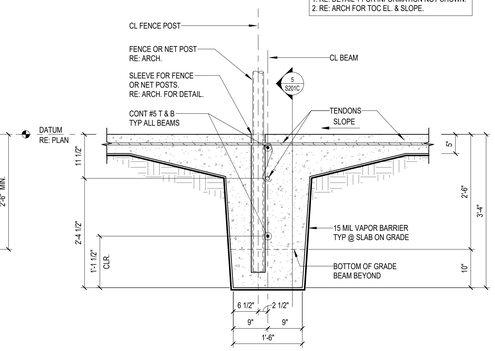


1 SITE - TENNIS COURT SCHEMATIC FOUNDATION PLAN
1/8" = 1'-0"

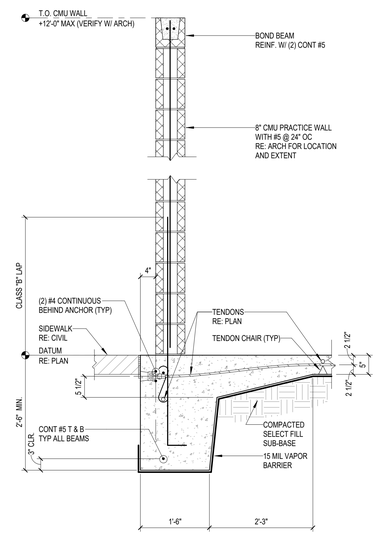


2 SITE - TENNIS COURT EXTERIOR GRADE BEAM
3/4" = 1'-0"

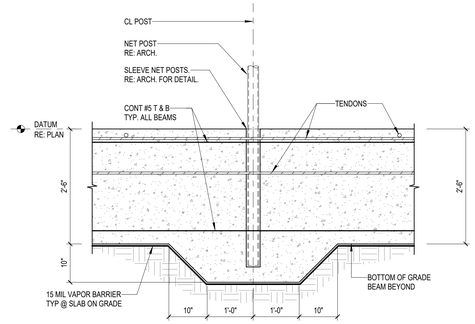
NOTE:
1. RE: DETAIL 1 FOR INFORMATION NOT SHOWN.
2. RE: ARCH FOR TOC EL. & SLOPE.



3 SITE - TENNIS COURT FENCE POST SECTION
3/4" = 1'-0"

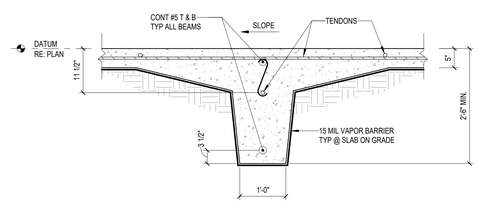


7 (403/Z9) SITE - TENNIS COURT BEAT WALL
3/4" = 1'-0"



5 SITE - TENNIS COURT FENCE POST ELEVATION
3/4" = 1'-0"

NOTE:
1. RE: DETAIL 1 FOR INFORMATION NOT SHOWN.
2. RE: ARCH FOR TOC EL. & SLOPE.



6 SITE - TENNIS COURT INTERIOR GRADE BEAM
3/4" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

FRED DALLY 90904 LICENSED PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
FOUNDATION PLAN-TENNIS COURT

SHEET NUMBER
S201C

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_ R23.rvt
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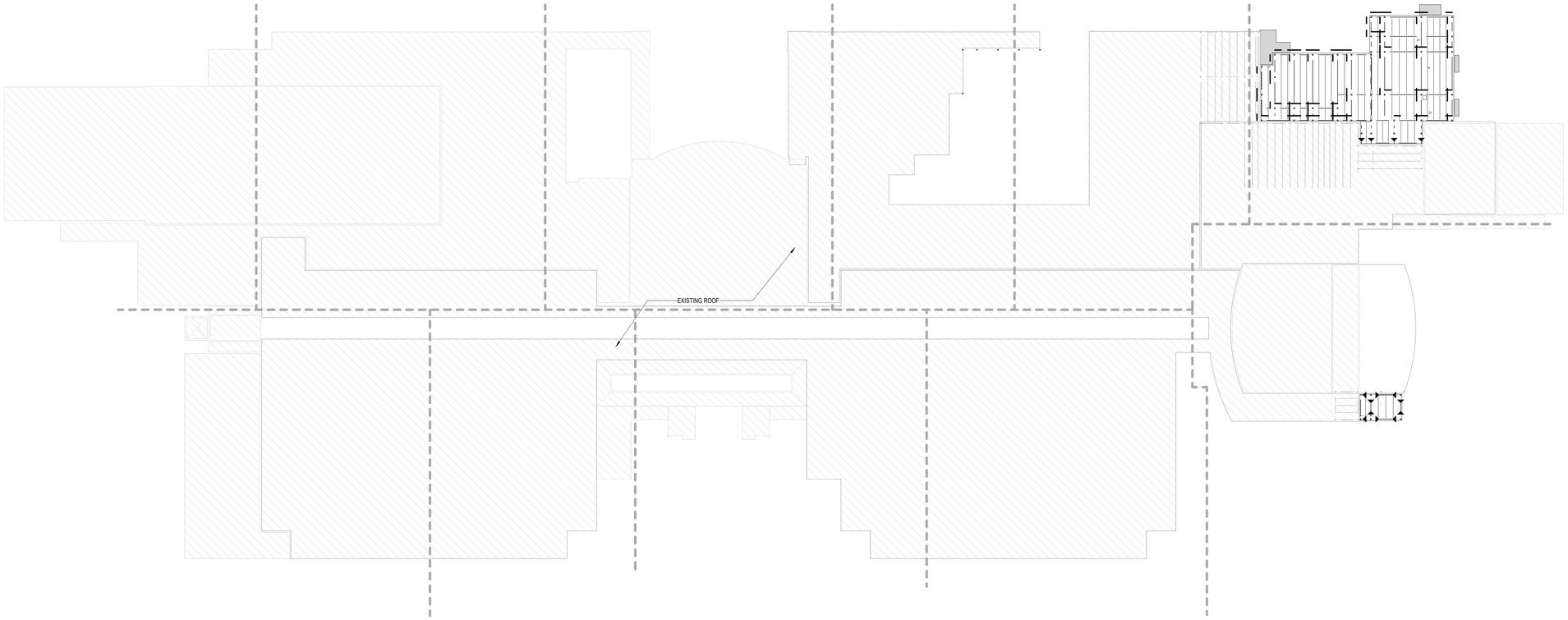

1 LOW ROOF FRAMING PLAN - OVERALL
1" = 40'-0"

Page/

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KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

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ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ROOF FRAMING PLAN - OVERALL

SHEET NUMBER

S202

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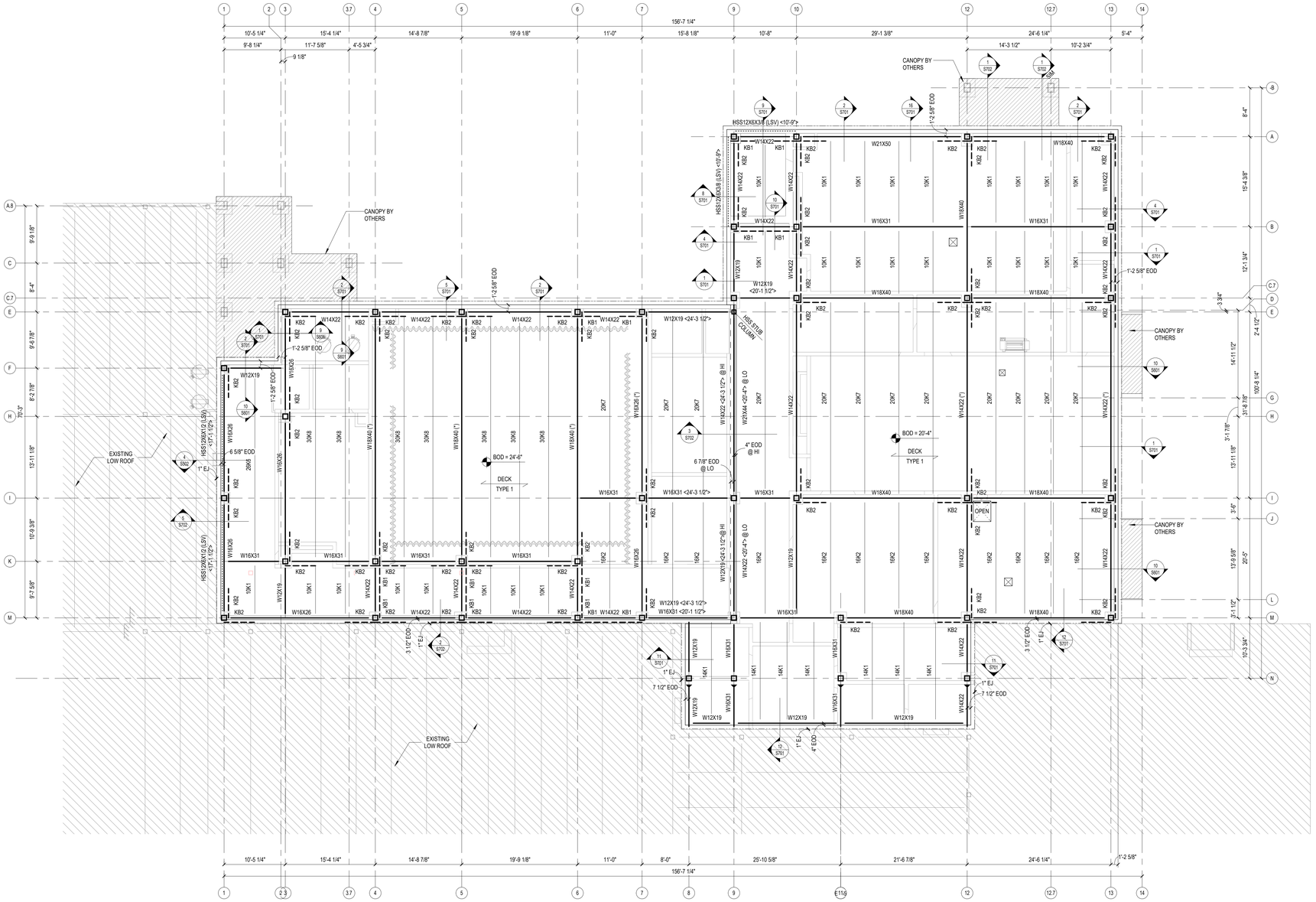
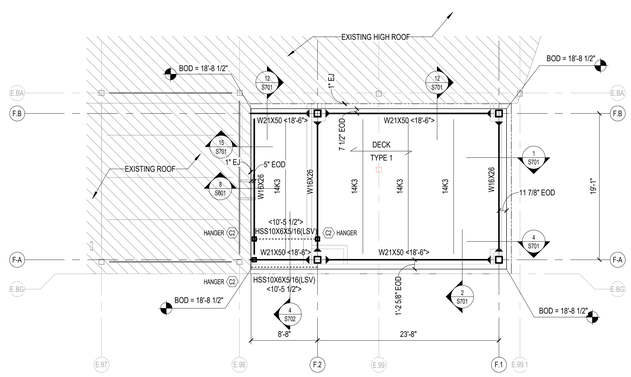


2 ROOF FRAMING PLAN - AREA G

1/8" = 1'-0"



1 ROOF FRAMING PLAN - AREA F

1/8" = 1'-0"

STEEL ROOF FRAMING NOTES:

1. ALL ELEVATIONS ARE RELATIVE TO DATUM ELEVATION.
2. " DECK / TYPE 1 " (EXAMPLE) INDICATES ROOF DECK SPAN DIRECTION AND DECK TYPE 1. TOS ELEVATION AT ROOF DECKS ARE AT BOD, TYP, UON. FOR DECK TYPE INFORMATION **RE: S/S101**
3. COORDINATE LOCATIONS AND SIZES OF ALL CHASES AND PENETRATIONS WITH MEP. COORDINATE EXACT LOCATION OF ALL MEP UNITS WITH MEP. FOR FRAMING AROUND ROOF OPENINGS **RE: 7 (S503)**
4. *G.C. TO COORDINATE FINAL PIPE RUN LOCATIONS WITH MEP DRAWINGS ALL PIPE RUNS INDICATED IN THE STRUCTURAL DRAWINGS ARE FOR REFERENCE ONLY.* FOR ADDITIONAL INFORMATION **RE: ; / ...**
5. INDICATES L3X3X1/4 KICKERS AT MIDSPAN (U.N.O.) EXTENDING FROM BOTTOM FLANGE TO TOP FLANGE OF ADJACENT JOIST **RE: 6/S702**

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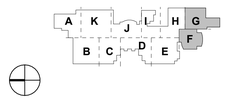
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

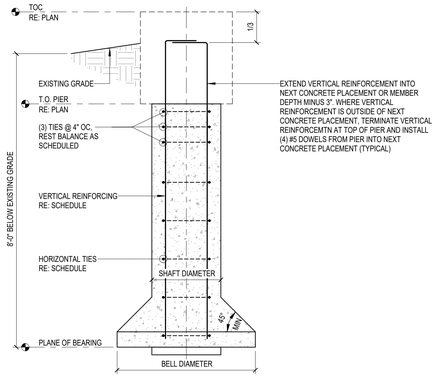
ROOF FRAMING PLAN - AREA G&F

SHEET NUMBER

S202A

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_ R23.rvt
USER NAME:
DATE STAMP: 12/5/2024 10:29:32 PM

DRILLED PIER SCHEDULE					
SHAFT DIAMETER	VERTICAL REINFORCING		TIES		
	NUMBER	SIZE	SIZE	SPACING (IN)	
18	6	#5	#4	12	
24	6	#6	#4	12	
30	6	#8	#4	12	
36	8	#8	#4	12	
42	10	#8	#4	12	
48	12	#8	#4	12	



1. A GEOTECHNICAL REPORT IS AVAILABLE FOR REVIEW
2. THE INDEPENDENT TESTING LABORATORY SHALL CONFIRM THE ALLOWABLE SOIL BEARING CAPACITY IN THE FIELD AT THE ELEVATION DESIGNATED AS THE PLANE OF BEARING FOR THE DRILLED PIER.
   A. ALLOWABLE BEARING PRESSURE OF **4000** PSF
3. THE INDEPENDENT TESTING LABORATORY SHALL INSPECT THE BOTTOM AND SIDES OF THE DRILLED PIER PRIOR TO PLACING REINFORCING AND CONCRETE.
4. CENTER ALL DRILLED PIERS UNDER THEIR COLUMNS, UON.
5. MAINTAIN CLOSE AND ACCURATE DRILLING PRACTICES TO ACHIEVE CLOSE TOLERANCES WITH THE REINFORCING STEEL AND THE ANCHOR ROD TEMPLATE.
6. ALL REINFORCING STEEL FOR DRILLED PIERS SHALL BE DEFORMED NEW BILLET STEEL CONFORMING TO ASTM A615, GRADE 60.
7. ALL SCHEDULED REINFORCEMENT SHALL BE UNIFORMLY DISTRIBUTED.
8. DEPOSIT CONCRETE TO ITS FINAL POSITION BY THE USE OF A TREMIE.
9. CONSOLIDATE CONCRETE IN ITS FINAL POSITION BY VIBRATING.
10. **SLURRY NOTE:** THE PRESENCE OF WATER OR SLOUGHING DUE TO SAND HAS BEEN MENTIONED IN GEOTECHNICAL REPORT. CONTRACTOR TO PROVIDE AN ALTERNATE ITEMIZED, LUMP-SUM PRICE FOR ALL PIERS, PER SIZE, SHOWN ON PLAN USING SLURRY METHOD OR ANY EQUIVALENT CASING METHOD. LUMP-SUM PRICE MUST INCLUDE, BUT NOT LIMITED TO, MATERIAL, LABOR MOBILIZATION AND ANY IMPACT TO THE PROJECT SCHEDULE. CONTRACTOR TO COORDINATE WITH ACI-336.1 AND ACI 336.3R SPECIFICATIONS FOR DRILLING AND PROCEDURE REQUIREMENTS FOR SLURRY DISPALCEMENT METHOD.
11. **CASING NOTE:** DUE TO SAND BEING MENTIONED IN THE GEOTECHNICAL REPORT, THERE IS A POSSIBILITY OF EXCAVATION COLLAPSE. THE CONTRACTOR SHALL BE PREPARED TO UTILIZE CASING AND STRAIGHT SHAFT PIERS MATCHING THE BELL DIAMETER FOR FULL DEPTH WITH ORIGINAL PIER REINFORCING NOTED IN SCHEDULE. UNIT PRICE AND ASSUMPTION IN BASE BID SHALL BE INCLUDED FOR THIS CONDITION. REFER TO BIDDING FORMS FOR ADDITIONAL INFORMATION. FOR BIDDING PURPOSES, PROVIDE COST FOR 5% OF ALL BELL SIZES SHOWN IN PROJECT FORMED AS STRAIGHT SHAFT PIERS BEARING AT THE ELEVATION SHOWN IN THE PIER DETAIL. COST SHALL INCLUDE, BUT NOT BE LIMITED TO, MATERIAL, LABOR, MOBILZATION AND ANY IMPACT TO THE PROJECT SCHEDULE.

1 DRILLED PIER SCHEDULE
3/4" = 1'-0"

PLINTH SCHEDULE			
MARK	REINFORCING		REMARKS
	VERTICAL	TIES	
P1	(8) #6	#4 @ 10" OC	
P2	(8) #6	#4 @ 10" OC	
P3	(8) #6	#4 @ 10" OC	
P4	(12) #6	#4 @ 10" OC	TYPICAL AT RE-ENTRANT CORNERS
P5	(12) #8	#4 @ 10" OC	TYPICAL AT BRACE COLUMNS
P6	(12) #8	#4 @ 10" OC	

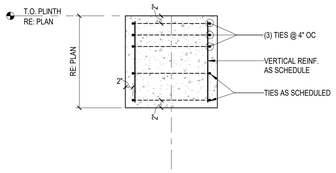
PLINTH GENERAL NOTES:

1. PROVIDE (3) TIES TO MATCH SCHEDULED TIE REINFORCING, TYPICAL AT ALL PLINTHS.

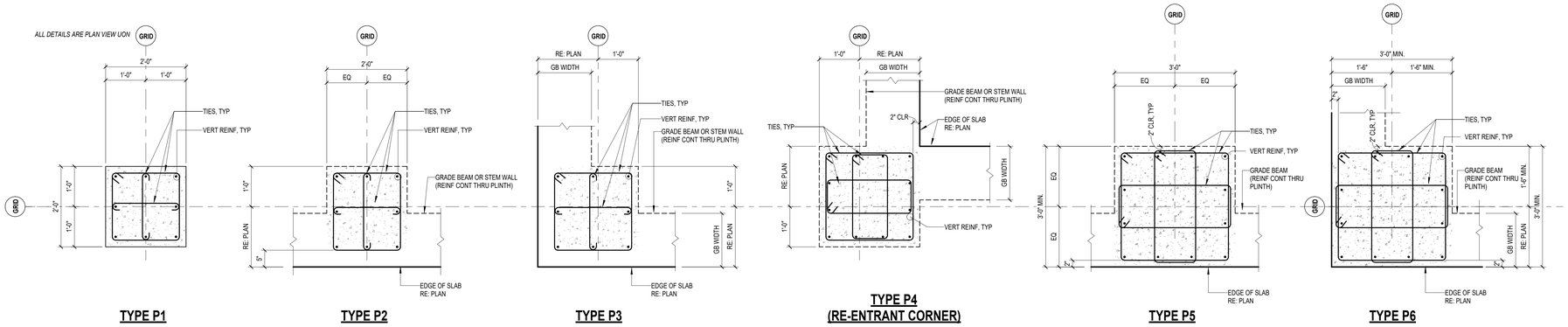
2. FOR PLINTH TYPE, ORIENTATE AND LOCATIONS RE: PLAN.

3. WHERE A PLINTH ARE INTEGRAL WITH A GRADE BEAMS OR STEM WALLS, EXTEND THE HORIZONTAL REINFORCING THROUGH THE PLINTH, TYPICAL.

4. THE DIMENSIONS SHOWN ARE MINIMUMS, GC TO COORDINATE W/ METAL BUILDING MANUFACTURER AND INCREASE PLINTH DIMENSIONS AS NECESSARY TO SATISFY BASE PLATE & ANCHOR BOLT REQUIREMENTS.

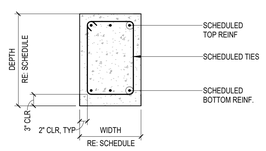


2 PLINTH SCHEDULE
3/4" = 1'-0"



3 PLINTH DETAILS
3/4" = 1'-0"

GRADE BEAM SCHEDULE						
MARK	WIDTH	DEPTH	TOP REINF.	MIDDLE REINF.	BOTTOM REINF.	TIES (OC, TYP).
GB1	2'-0"	2'-0"	(5) #7	-	(5) #7	#4 @ 10"
GB2	2'-0"	3'-0"	(5) #9	(2) #5	(5) #9	#4 @ 10"
GB3	2'-6"	3'-0"	(6) #9	(2) #5	(6) #9	#4 @ 10"
GB4	4'-2"	3'-0"	(8) #8	(2) #6	(8) #8	#4 @ 10"



TYPICAL SECTION

4 GRADE BEAM SCHEDULE
3/4" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
SCHEDULES

SHEET NUMBER
S301

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_R23.rvt
USER NAME:
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STRUCTURAL STEEL COLUMN SCHEDULE				
MARK	COLUMN TYPE	BASEPLATE TYPE	BASEPLATE ELEVATION	REMARKS
C1	HSS10X10X1/2"	BP1	- 0'-6 1/2"	
C2	HSS6X6X3/8"			HANGER

STRUCTURAL STEEL COLUMN GENERAL NOTES:

1. PROVIDE STRUCTURAL STEEL W SHAPES CONFORMING TO ASTM 992, GRADE 50.
2. PROVIDE STRUCTURAL STEEL FOR HSS COLUMNS CONFORMING TO ASTM A500, GRADE B.
3. PROVIDE STEEL FOR STIFFNER PLATES, CONNECTION PLATES AND ANGLES CONFORMING TO ASTM A36.
4. SAW OR MILL SURFACES NOTED FIN. (FINISHED) FOR TRUE AND FULL CONTACT.
5. USE E70XX WELDING ELECTRODES FOR ALL WELDS, UNLESS OTHERWISE NOTED.
6. PROVIDE WEB DOUBLER PLATES IF REQUIRED TO SATISFY CONNECTION DESIGN AND DEMANDS

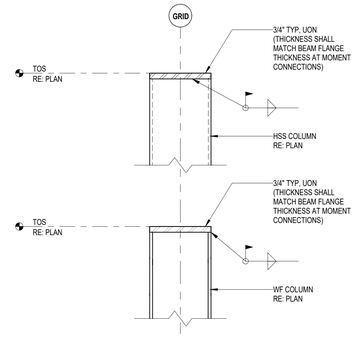
1 COLUMN SCHDULE (LIST)
3/4" = 1'-0"

BASEPLATE SCHEDULE														
MARK	TYPE	DIMENSIONS					BASE PL STEEL		ANCHOR RODS					WELD
		B (IN)	N (IN)	tp (IN)	X (IN)	Z (IN)	ASTM	KSI	#	Ø (IN)	P (IN)	L (IN)	W (IN)
BP1	A	18	18	1			A36	36	4	1	6	24	5/16
BP2	A	18	18	1 1/2			A36	36	4	1 1 /2	6	24	8/16
BP3	C	20	20	1 1/2	5 1/2		A36	36	4	1 1 /2	6	24	5/16
BP4	B	24	24	1 1/2	5 1/2	8 1/2	A36	36	4	1 1 /2	6	24	5/16

BASE PLATE GENERAL NOTES:

1. PROVIDE STEEL FOR BASE PLATES CONFORMING TO ASTM A36.
2. PROVIDE HOLES IN BASE PLATES IN ACCORDANCE WITH AISC 14TH EDITION.
3. PROVIDE ANCHOR RODS CONFORMING TO ASTM F1554, GRADE 55 WELDABLE.

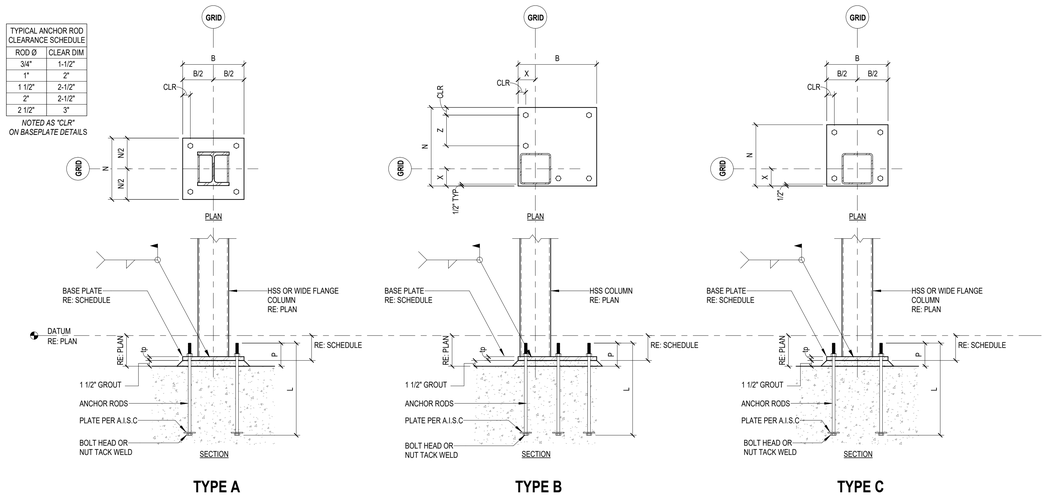
2 BASEPLATE SCHEDULE
3/4" = 1'-0"



3 COLUMN CAP PLATE
1 1/2" = 1'-0"

TYPICAL ANCHOR ROD CLEARANCE SCHEDULE	
ROD Ø	CLEAR DIM
3/4"	1-1/2"
1"	2"
1 1/2"	2-1/2"
2"	2-1/2"
2 1/2"	3"

NOTED AS "CLR" ON BASEPLATE DETAILS



4 BASEPLATE DETAILS
3/4" = 1'-0"

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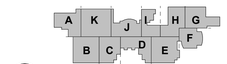

REVISION HISTORY

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PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

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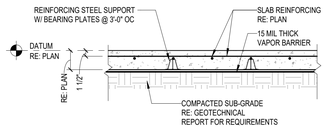
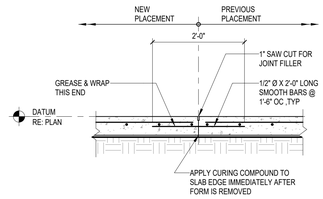
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
COLUMN AND BASEPLATE SCHEDULE

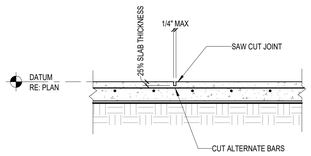
SHEET NUMBER
S302



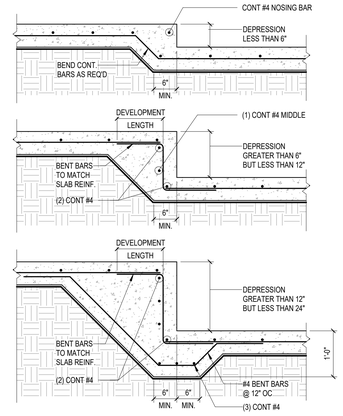
1 TYPICAL SLAB SECTION
3/4" = 1'-0"



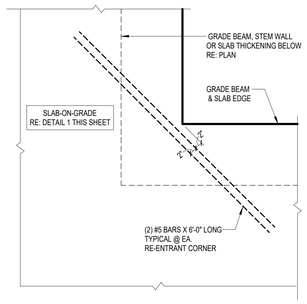
2 TYPICAL SECTION - CONSTRUCTION JOINT
3/4" = 1'-0"



3 TYPICAL SECTION - CONTROL JOINT
3/4" = 1'-0"

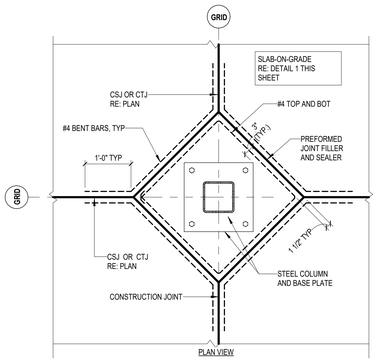


4 TYPICAL SLAB DEPRESSION DETAILS
3/4" = 1'-0"



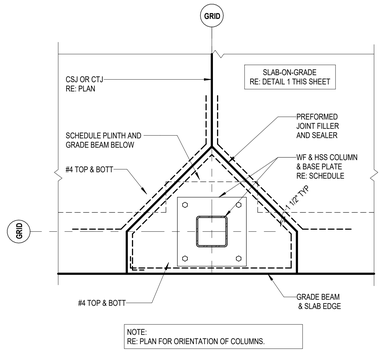
PLAN VIEW

5 TYPICAL RE-ENTRANT CORNER REINF.
3/4" = 1'-0"



PLAN VIEW

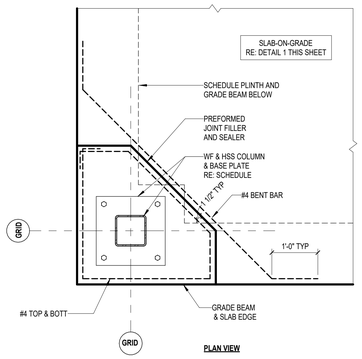
6 INTERIOR COLUMN BLOCKOUT
3/4" = 1'-0"



NOTE:
RE: PLAN FOR ORIENTATION OF COLUMNS.

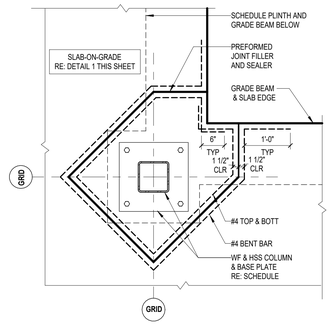
PLAN VIEW

7 PERIMETER COLUMN BLOCKOUT
3/4" = 1'-0"



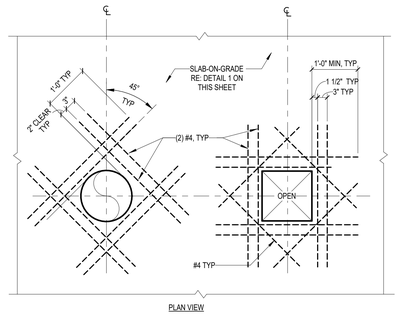
PLAN VIEW

8 EXTERIOR CORNER COLUMN BLOCKOUT
3/4" = 1'-0"



PLAN VIEW

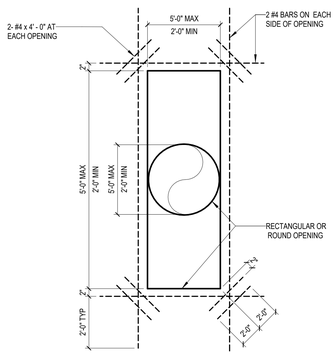
9 RE-ENTRANT CORNER COLUMN BLOCKOUT
3/4" = 1'-0"



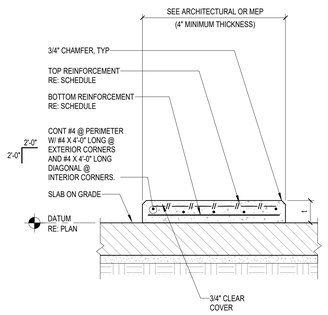
PLAN VIEW

NOTE:
RE: ARCHITECTURAL, PLUMBING AND ELECTRICAL DRAWINGS FOR SIZES AND LOCATIONS OF THE FLOOR PENETRATIONS.

10 SLAB REINF. AT OPENING 2'-0" OR LESS
3/4" = 1'-0"



11 SLAB REINF. AT OPENING 5'-0" OR LESS
3/4" = 1'-0"



12 HOUSEKEEPING PAD
3/4" = 1'-0"

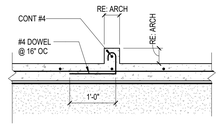
ROUGHEN SURFACE AND ADD BONDING AGENT TO EXIST. SURFACE PRIOR TO HOUSEKEEPING PAD POUR

NOTE:
GENERAL CONTRACTOR TO COORDINATE WITH MECHANICAL DRAWINGS AND SPECIFICATIONS TO DETERMINE REQUIREMENTS FOR HOUSEKEEPING PADS OVER SLAB ON GRADE AND PROVIDE WHERE REQUIRED WHETHER SHOWN ON STRUCTURAL DRAWINGS OR NOT. COORDINATE DIMENSIONS AND OTHER SPECIAL REQUIREMENTS WITH EQUIPMENT MANUFACTURERS AS REQUIRED.

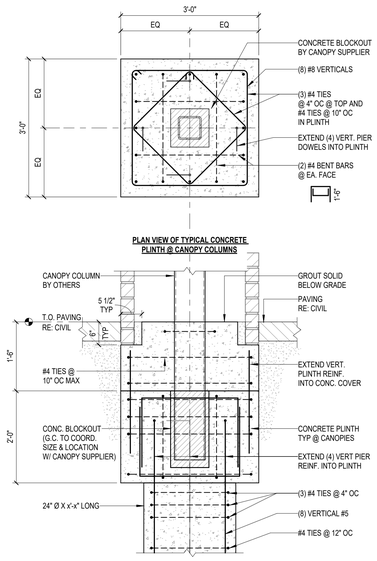
HOUSEKEEPING PAD REINFORCING SCHEDULE

PAD THICKNESS	TOP REINFORCEMENT	BOTTOM REINFORCEMENT
t <= 4"	6"x 6",W2.9 x W2.9	NONE
4" < t <= 6"	4"x 4",W4.0 x W4.0	NONE
6" < t <= 8"	4"x 4",W5.5 x W5.5	NONE
8" < t <= 12"	#4@12"EW	#3@18"EW
12" < t <= 16"	#4@12"EW	#4@12"EW

NOTE:
G.C. TO COORDINATE
CURB LOCATION W/ ARCH



13 TYPICAL CURB DETAIL
3/4" = 1'-0"



14 TYPICAL AVADEK CANOPY FOUNDATION (BRICK)
3/4" = 1'-0"

Page

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D + A PROJECT #24-073-00

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346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

FRED DAILY
50904
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23021	CFISD

DRAWN BY	CHECKED BY
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TYPICAL FOUNDATION DETAILS

SHEET NUMBER
S401

FILE PATH: Autodesk Docs://33AC23021-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_ R23.rvt
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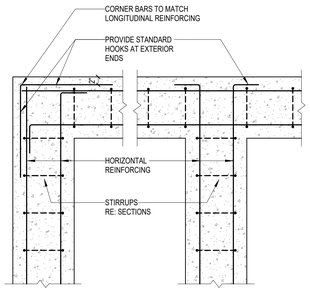
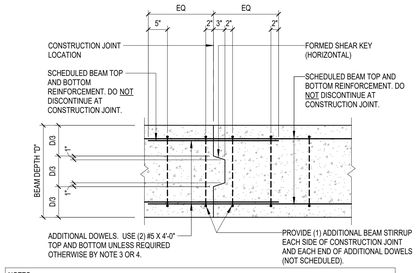
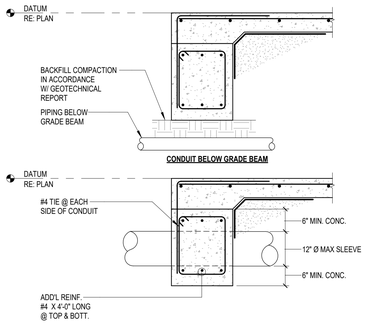


1 TYPICAL GRADE BEAM REINF. AT INTERSECTION
3/4" = 1'-0"

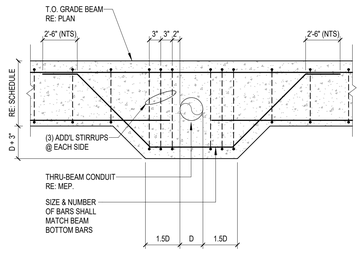


NOTES:
1. GENERAL CONTRACTOR SHALL SUBMIT DESIRED CONSTRUCTION JOINT LAYOUT AS A SHOP DRAWING FOR APPROVAL A MINIMUM OF TWO WEEK PRIOR TO POUR.
2. CONSTRUCTION JOINT LOCATIONS SHALL BE COORDINATED WITH REINFORCING STEEL SUPPLIER AND ERECTOR.
3. ACCEPTABLE JOINT LOCATIONS ARE AS FOLLOWS:
   a. FOR BEAMS NOT SUPPORTING INTERSECTING BEAMS: PLACE JOINT MIDDLE THIRD OF SPAN.
   b. FOR BEAMS SUPPORTING INTERSECTING BEAMS, CHECK WITH STRUCTURAL ENGINEER.
4. FOR JOINT LOCATIONS OTHER THAN WITHIN MIDDLE THIRD OF SPAN, CONTRACTOR SHALL COORDINATE REQUIRED ADDITIONAL REINFORCEMENT WITH THE ENGINEER ON THE SHOP DRAWINGS.

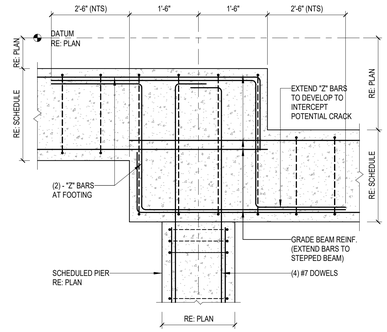
2 TYPICAL GRADE BEAM CONSTRUCTION JOINT
3/4" = 1'-0"



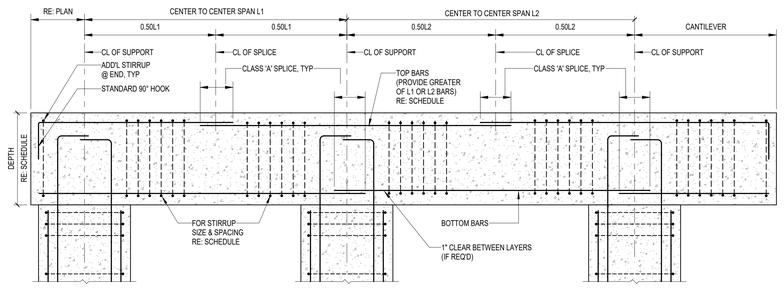
3 TYPICAL CONDITION AT CONDUIT
3/4" = 1'-0"



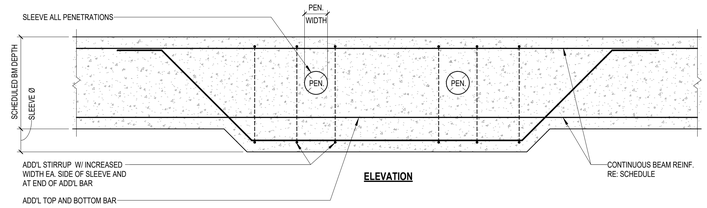
4 TYPICAL THRU. BEAM CONDUIT
3/4" = 1'-0"



5 TYPICAL GRADE BEAM STEP
3/4" = 1'-0"



6 TYPICAL GRADE BEAM REINF. ELEVATION
3/4" = 1'-0"

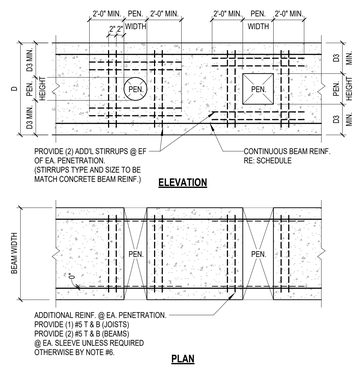


ELEVATION

NOTES:

1. REQUIRED BEAM SLEEVES ARE TO BE COORDINATED WITH M.E.P. CONTRACTORS. REQUIRED SLEEVES MAY BE OR MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS. GENERAL CONTRACTOR SHALL SUBMIT PLAN SHOWING LAYOUT OF ALL SLEEVES WITH FORMWORK SHOP DRAWING SUBMITTAL.
2. CONTINUOUS BEAM REINFORCING MAY BE SLIGHTLY DISPLACED (3" MAXIMUM) OR ADJACENT BARS BUNDLED (2 BAR BUNDLES MAXIMUM TO FACILITATE SLEEVE INSTALLATION. DO NOT CUT, OR OFFSET, OR BEND REINFORCING.
3. THE OUTSIDE DIAMETER OF A SLEEVE MAY NOT EXCEED 2". IF OUTSIDE DIAMETER OF IS GREATER THAN 2", THE WIDTH OF THE BEAM SHALL BE INCREASED BY THE PENETRATION DIMENSION (6" MAX). THE INCREASED WIDTH HALL EXTEND 1'-6" ON EACH SIDE OF THE PENETRATION. ADD (1) ADDITIONAL TOP AND BOTTOM BAR AND ADD'L STIRRUPS AT THICKENED PORTION. NO REBAR SHALL BE CUT TO ALLOW FOR THE PENETRATION
4. THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD FOR DIRECTIONS WHEN A SLEEVE SIZE OR LOCATION DOES NOT MEET THE CONDITIONS ESTABLISHED ABOVE.

7 VERTICAL PENETRATION THROUGH CONCRETE BEAM
3/4" = 1'-0"



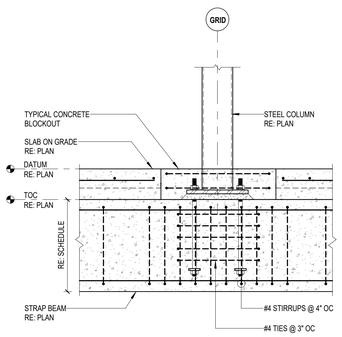
ELEVATION

PLAN

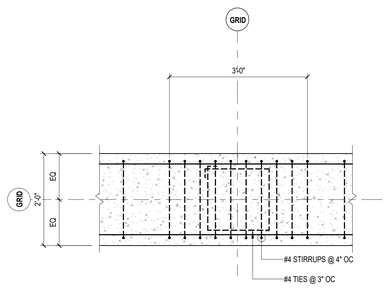
NOTES:

1. GENERAL CONTRACTOR TO COORDINATE LOCATION, SIZE AND ELEVATION AND INCLUDE IN THEIR CONTRACT PRICE ALL REQUIRED HORIZONTAL PENETRATIONS THROUGH CONCRETE BEAMS AND JOISTS WHETHER SHOWN ON STRUCTURAL DRAWINGS OR NOT.
2. WHERE BEAM PENETRATIONS ARE REQUIRED BUT ARE NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS, SUBMIT DRAWINGS, SHOWING DIMENSIONS AND LOCATIONS OF ALL REQUIRED PENETRATIONS, FOR REVIEW AND APPROVAL.
3. "D" DENOTES THE DEPTH OF BEAM OR JOIST.
4. CLEAR SPACING BETWEEN PENETRATIONS SHALL BE 24" MINIMUM UNLESS DESIGNED OTHERWISE BY THE ENGINEER.
5. PENETRATIONS SHALL BE LOCATED ACCORDING TO THE FOLLOWING CRITERIA:
   A. FOR BEAMS (AND JOIST) NOT SUPPORTING INTERSECTING BEAMS (OR JOISTS): LOCATE PENETRATIONS WITHIN TWO FEET EITHER SIDE OF BEAM MIDSPAN.
   B. FOR BEAMS (OR JOISTS) SUPPORTING INTERSECTING BEAMS (OR JOISTS): CHECK WITH STRUCTURAL ENGINEER.
   C. FOR LOCATIONS AND /OR SIZES OF PENETRATIONS NOT CONFORMING TO THE ABOVE CRITERIA AND NOT OTHERWISE DETAILED ON THE STRUCTURAL DRAWINGS. CONTRACTOR SHALL BE COORDINATE REQUIRED ADDITIONAL REINFORCEMENT WITH THE ENGINEER ON THE SHOP DRAWINGS.

8 HORIZONTAL PENETRATION THROUGH CONCRETE BEAM
3/4" = 1'-0"



ELEVATION



PLAN

9 TYPICAL STRAP BEAM REINF. AT COLUMN
3/4" = 1'-0"

Page/

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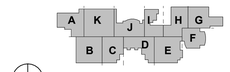
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TYPICAL GB AND CF DETAILS

SHEET NUMBER
S402

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_STRUCT_R23.rvt
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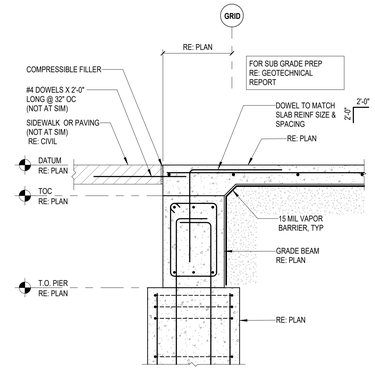
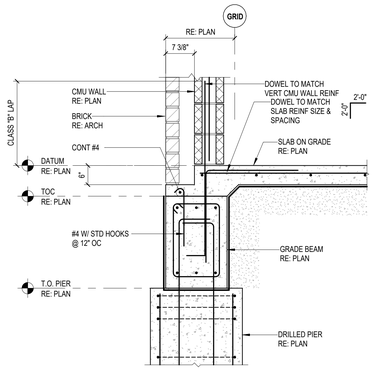
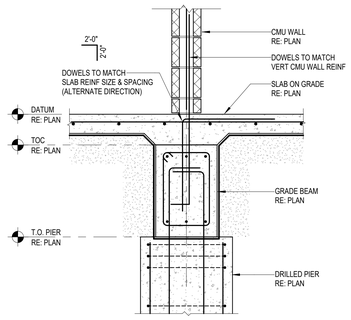


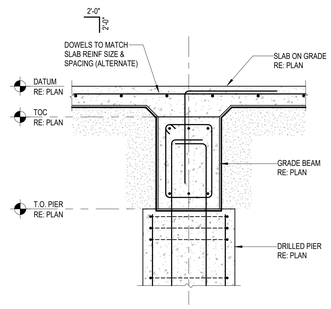
1 SECTION AT MAN DOOR
3/4" = 1'-0"



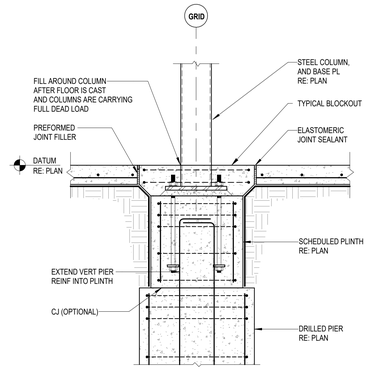
2 SECTION AT CMU WALL
3/4" = 1'-0"



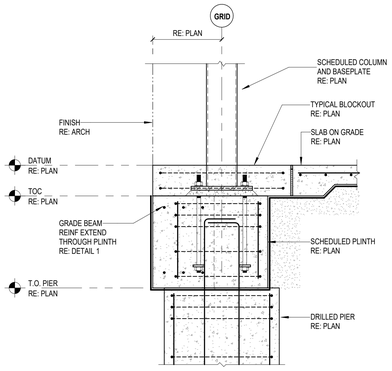
3 CMU WALL TALLER THAN 20'-0"
3/4" = 1'-0"



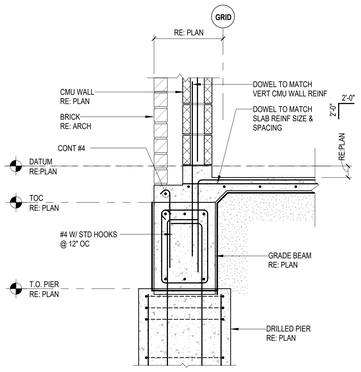
4 SECTION AT INTERIOR GRADE BEAM
3/4" = 1'-0"



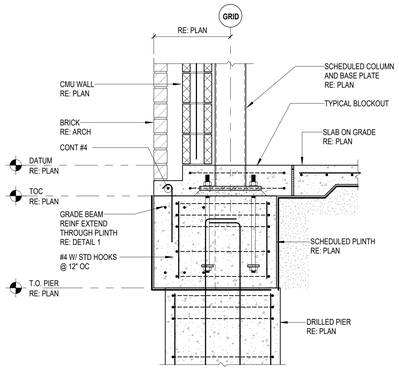
5 TYPICAL INTERIOR COLUMN SECTION
3/4" = 1'-0"



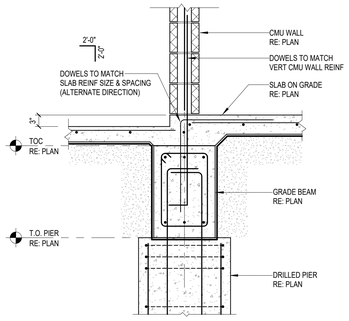
6 SECTION AT EXTERIOR COLUMN
3/4" = 1'-0"



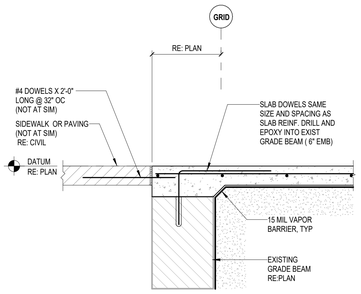
7 SECTION
3/4" = 1'-0"



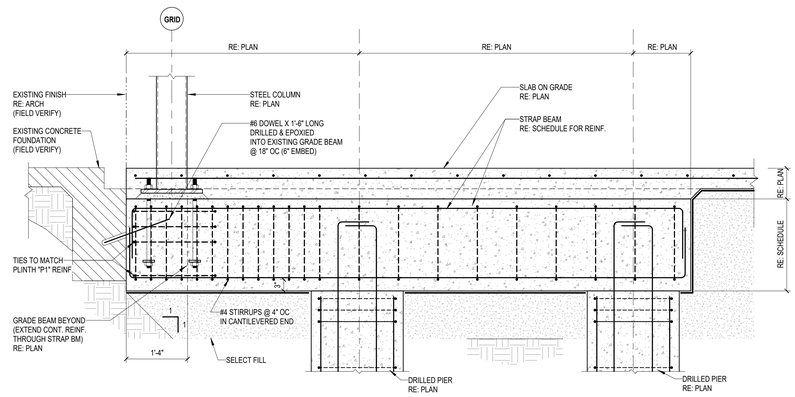
8 SECTION AT EXTERIOR COLUMN
3/4" = 1'-0"



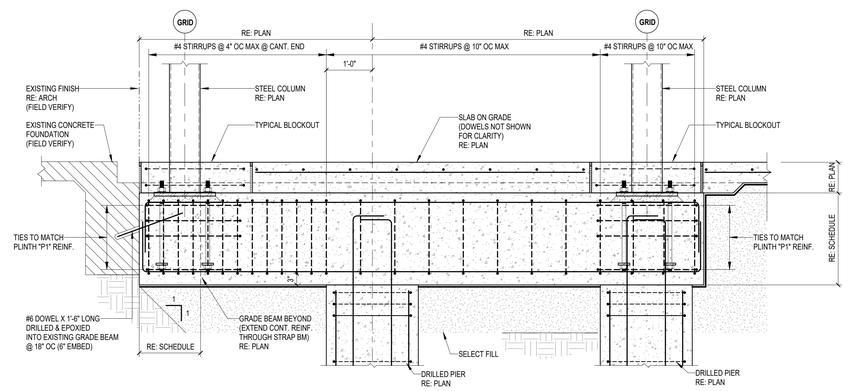
9 SECTION AT CMU WALL
3/4" = 1'-0"



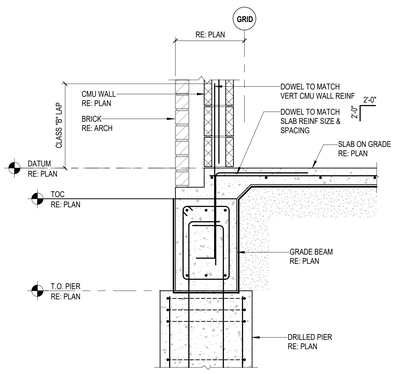
10 SECTION
3/4" = 1'-0"



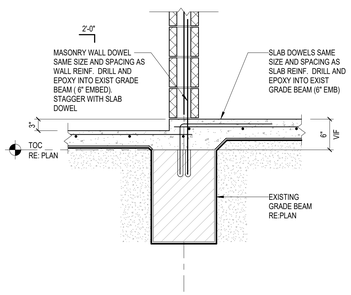
11 CANTILEVER STRAP BEAM DETAIL
3/4" = 1'-0"



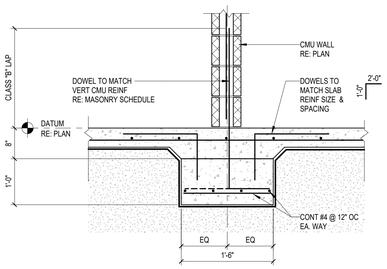
12 CANTILEVER STRAP BEAM DETAIL
3/4" = 1'-0"



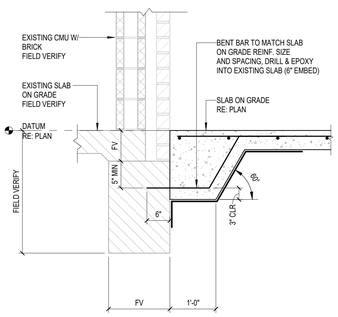
13 SECTION AT CMU WALL
3/4" = 1'-0"



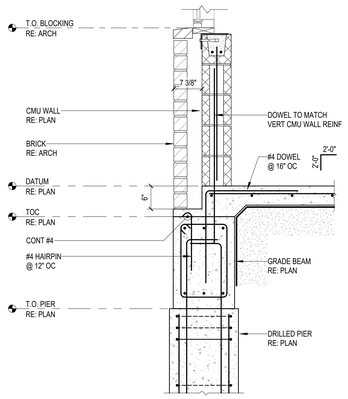
14 SECTION AT CMU WALL
3/4" = 1'-0"



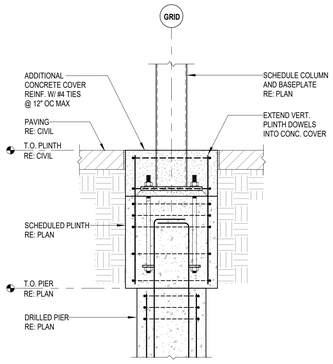
15 CMU WALL LESS THAN 20'-0"
3/4" = 1'-0"



16 SECTION
3/4" = 1'-0"



17 SECTION
3/4" = 1'-0"



18 SECTION
3/4" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

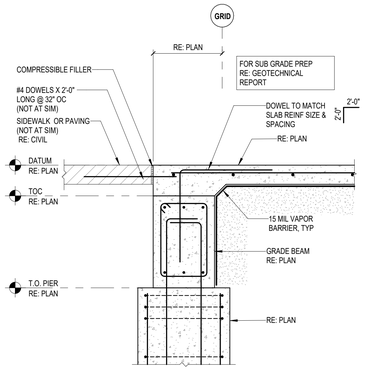
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
JT	LM

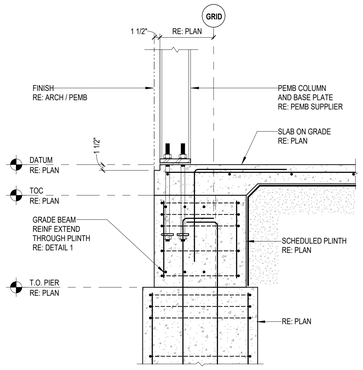
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
FOUNDATION DETAILS (PIER)

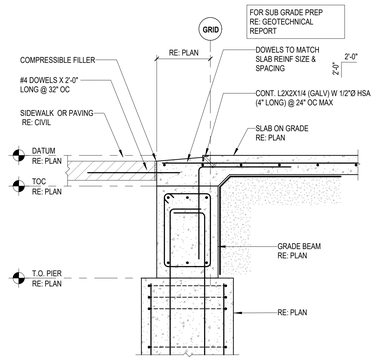
SHEET NUMBER
S403



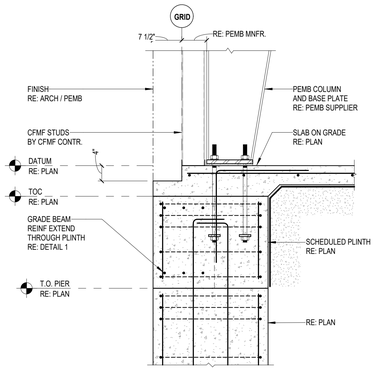
1 SECTION AT MAN DOOR
3/4" = 1'-0"



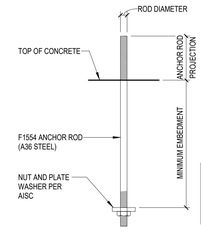
2 SECTION AT END WALL PEMB COLUMN
3/4" = 1'-0"



3 SECTION AT OVERHEAD DOOR
3/4" = 1'-0"



4 SECTION AT PEMB COLUMN
3/4" = 1'-0"



ANCHOR ROD EMBEDMENT	
ROD DIAMETER	MINIMUM EMBEDMENT
1/2" & 5/8"	13"
3/4"	16"
7/8"	18"
1"	21"
1 1/4"	25"
1 1/2"	32"

THESE ARE MINIMUM EMBEDMENTS AND ARE BASED ON A36 STEEL. LONGER EMBEDMENT LENGTHS WILL BE REQUIRED IF HIGHER STRENGTH STEEL IS SPECIFIED BY METAL BUILDING MANUFACTURER.

NOTES:
1. PROVIDE STEEL FOR BASE PLATES CONFORMING TO ASTM A36.
2. PROVIDE HOLES IN BASE PLATES 5/16" LARGER THAN THE SCHEDULED ANCHOR ROD DIAMETER.
3. PROVIDE HOLES IN SETTING PLATES 1/16" LARGER THAN THE SCHEDULED ANCHOR ROD DIAMETER.
4. PROVIDE ANCHOR RODS CONFORMING TO ASTM F1554, GRADE 36.
5. PROVIDE ANCHOR RODS WITH STANDARD WASHERS AND DOUBLE HEX NUTS.
6. USE E70XX WELDING ELECTRODES FOR ALL WELDS, UNLESS OTHERWISE NOTED.
7. MILL SURFACES NOTED FIN. (FINISHED) FOR TRUE AND FULL CONTACT.

5 TYPICAL PEMB ANCHOR BOLT
3/4" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

FRED DALLY
90904
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STATE OF TEXAS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

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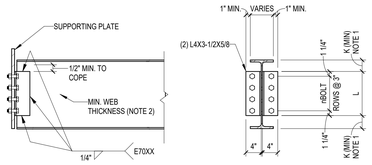


"n"	L (INCHES)	ALLOWABLE BOLT CAPACITY (KIPS)	ALLOWABLE WELD CAPACITY (KIPS)
2	5 1/2"	37	48
3	8 1/2"	56	77
4	11 1/2"	74	100
5	14 1/2"	93	122
6	17 1/2"	111	143
7	20 1/2"	130	160
8	23 1/2"	148	180
9	26 1/2"	167	198
10	29 1/2"	186	215

NOTES:

1. REFER TO AISC - MANUAL OF STEEL CONSTRUCTION (SECTION 1).

2. ALLOWABLE WELD CAPACITY IS BASED UPON A BEAM WEB THICKNESS OF 1/2" FOR A36 MATERIAL AND 3/8" FOR ASTM A572, GRADE 50 MATERIAL. REDUCE THIS CAPACITY PROPORTIONALLY FOR A LESSER WEB THICKNESS.

3. THE SUPPORTING PLATE CAPACITY SHALL BE BASED UPON AN ALLOWABLE LOAD PER BOLT OF 65 KIPS PER INCH OF PLATE THICKNESS FOR A36 MATERIAL OR 73 KIPS PER INCH OF PLATE THICKNESS FOR ASTM A572, GRADE 50 MATERIAL. FOR BEAM CONNECTIONS ON TWO SIDES, THE SUM OF THE LOADS PER BOLT SHALL BE CONSIDERED.

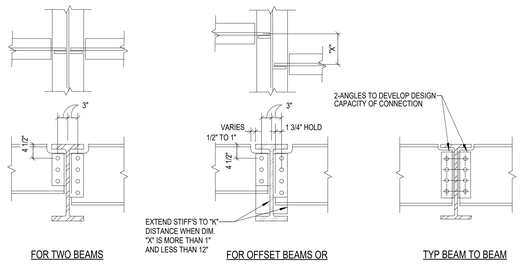
4. FOR COPED BEAM CONNECTIONS, THE CAPACITY OF THE NET SHEAR AREA OF THE WEB SHALL BE VERIFIED.

5. THE CAPACITY OF THE CONNECTION SHALL BE THE LESSER VALUE OF THE ALLOWABLE BOLT CAPACITY, ALLOWABLE WELD CAPACITY, SUPPORTING PLATE CAPACITY OR THE WEB NET SHEAR AREA CAPACITY.

6. THE MINIMUM NUMBER OF ROWS OF BOLTS SHALL BE AS FOLLOWS:

W10 & W12	2 ROWS
W14 & W16	3 ROWS
W18, W21, & W24	4 ROWS
W27 & W30	5 ROWS
W33 & W36	6 ROWS

3/4" Ø A325 BOLTS - BEARING CONN. - STANDARD HOLES



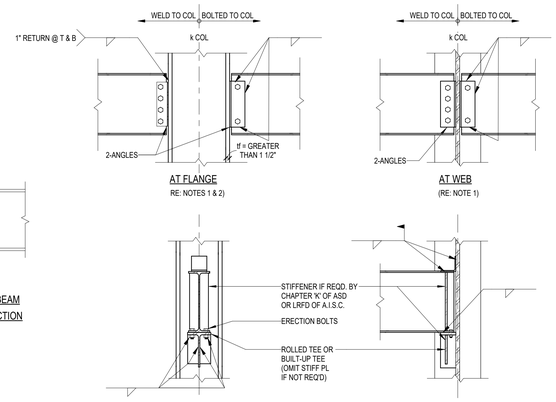
FOR TWO BEAMS WHEN OPPOSITE

FOR OFFSET BEAMS OR FOR BEAM ON ONE SIDE

TYP BEAM TO BEAM SHEAR CONNECTION

NOTES:-
1. BOTH THE WELDS & THE BOLTS TO BE DESIGNED FOR MOMENT CAUSED BY ECCENTRICITY BETWEEN WELD GROUP & BOLT CENTERLINE.

2. END REACTION TO BE DETERMINED PER GENERAL NOTES SHEET OR AS SHOWN ON PLANS.



AT FLANGE
RE: NOTES 1 & 2)

AT WEB
(RE: NOTE 1)

SEATED CONN. @ AT WEB
(RE: NOTE 1)

NOTES:

1. CONN. TO BE ADEQUATE FOR AXIAL BRACING FORCE = 1% OF WORKING COLUMN LOAD IN ADDITION TO END REACTION DETERMINED PER STEEL GENERAL NOTES SHEET (U.N.O. ON DWG.) ALLOWABLE STRESS CAN BE INCREASED 1/3 FOR THIS CONDITION. COLUMN LOAD WILL BE FURNISHED OR CAN BE DETERMINED FROM AISC MANUAL FOR FLOOR TO FLOOR HEIGHT.

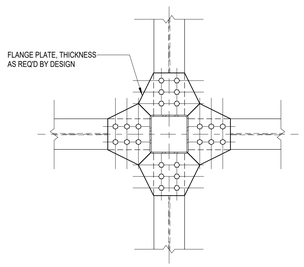
2. SINGLE PLATE CONNECTION IS ALLOWED ONLY WHEN AXIAL FORCE BRACING THE COLUMN IS LESS THAN 20 KIPS. THE DESIGN OF SINGLE PLATE CONNECTION WITH AXIAL FORCE LESS THAN 20 KIPS. SHOULD BE SUBSTANTIATED BY CALCULATION AND IS SUBJECT TO ENGINEER'S APPROVAL.

3/4" Ø A325 BOLTS - BEARING CONN. - STANDARD HOLES

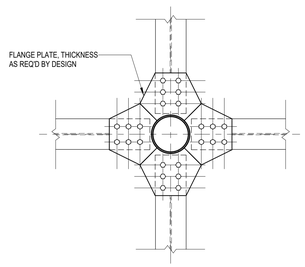
1 STANDARD BEAM CONNECTION
3/4" = 1'-0"

2 BEAM CONNECTION DETAILS
3/4" = 1'-0"

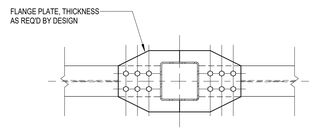
3 TYPICAL BEAM TO COLUMN CONN. @ FLANGE & WEB
N.T.S.



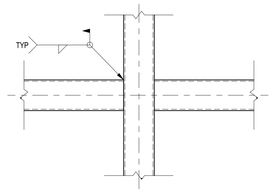
(4) WIDE FLANGE BEAMS TO HSS COL - PLAN



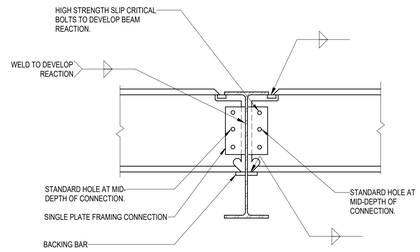
(4) WIDE FLANGE BEAMS TO ROUND HSS COL - PLAN



(2) WIDE FLANGE BEAMS TO HSS COL - PLAN



TYPICAL HSS BEAM TO HSS COL - SECTION



BEAM TO BEAM MOMENT CONNECTION BEAMS OF THE SAME NOMINAL DEPTH - SECTION

NOTES:

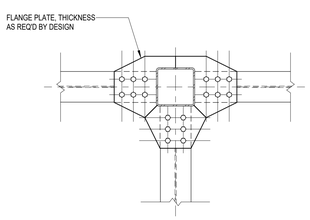
1. BOLTS IN WEB CONNECTION SHALL BE SNUG TIGHTENED PRIOR TO WELDING OF FLANGES.

2. SLIP-CRITICAL BOLTED CONNECTION IN WEB USING A325 BOLTS IN HORIZONTAL SHORT-SLOTTED HOLES U.N.O. RESISTANCE BY BOLTS TO SHEAR SHALL BE BY FRICTION, PROPORTIONED USING THE STANDARD HOLE VALUE ON A CLASS "A" SURFACE.

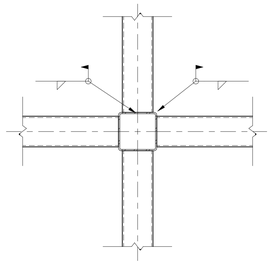
3. REFER TO SPECIFICATIONS FOR CONNECTION DESIGN CRITERIA.

4. PROVIDE PREDESIGNED SHEAR CONNECTIONS AS SHOWN IN AISC ASD MANUAL WHERE APPLICABLE.

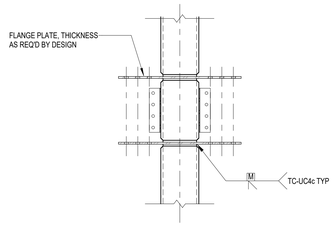
CONNECTIONS SHOWN HERE ARE FOR BIDDING PURPOSES ONLY. DESIGN AND DETAIL OF CONNECTIONS SHALL BE BY THE STEEL FABRICATOR AND SHALL FOLLOW AISC APPROVED MOMENT CONNECTIONS



(3) WIDE FLANGE BEAMS TO HSS COL - PLAN

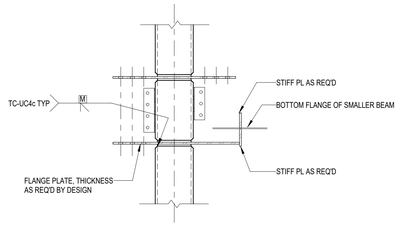


TYPICAL HSS BEAM TO HSS COL - PLAN



WIDE FLANGE BEAMS NOT SHOWN FOR CLARITY

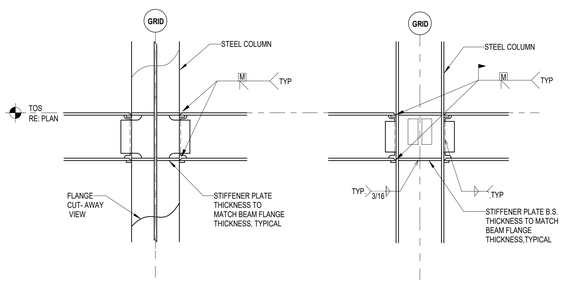
WIDE FLANGE BEAMS TO HSS COL - SECTION



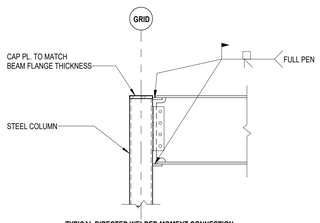
WIDE FLANGE BEAMS NOT SHOWN FOR CLARITY

WIDE FLANGE BEAMS W/ TWO DIFF BEAM SIZES TO HSS COL - SECTION

4 MOMENT CONNECTION DETAILS
3/4" = 1'-0"

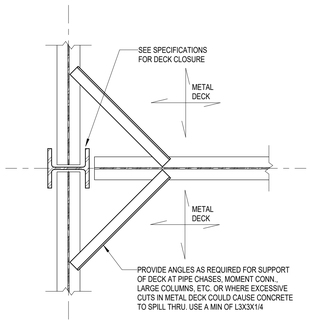


5 TYPICAL MOMENT CONN. AT WIDE FLANGE COLUMNS
1/2" = 1'-0"



TYPICAL DIRECTED WELDED MOMENT CONNECTION

6 TYPICAL DIRECT WILDED MOMENT CONN.
3/4" = 1'-0"



7 METAL DECK SUPPORT AT COLUMN
3/4" = 1'-0"

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JT	LM

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SHEET NAME
TYPICAL FRAMING DETAILS

SHEET NUMBER
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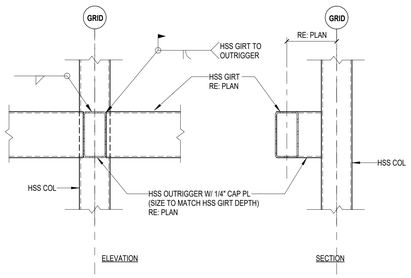
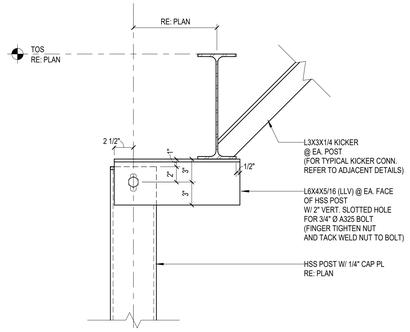


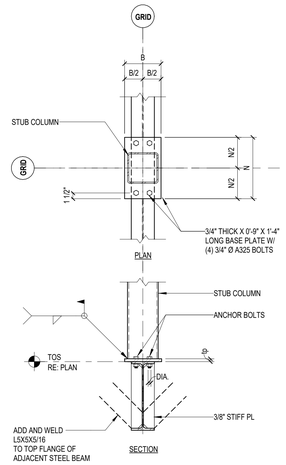
NOTES:

1. THIS DETAIL TO BE USED WHERE THE HSS BEAM CLEARS THE SIDE OF COLUMN.

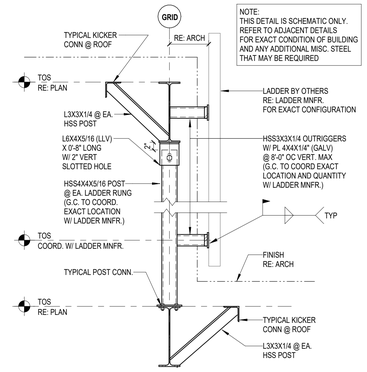
1 TYPICAL OFFSET HSS TUBE SUPPORT
3/4" = 1'-0"



2 TYPICAL HSS POST SLIP CONNECTION
1 1/2" = 1'-0"

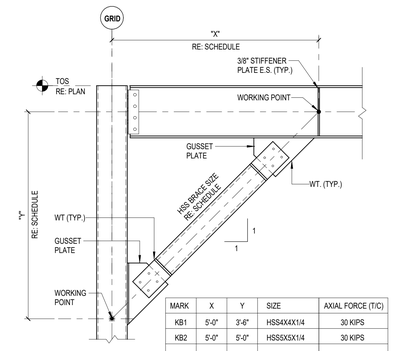


3 TYPICAL STUB COLUMN DETAIL
3/4" = 1'-0"



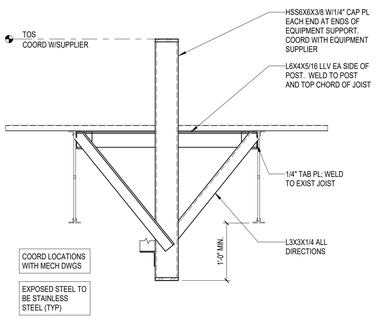
NOTE:
THIS DETAIL IS SCHEMATIC ONLY. REFER TO ADJACENT DETAILS FOR EXACT CONDITION OF BUILDING AND ANY ADDITIONAL MISC. STEEL THAT MAY BE REQUIRED

4 TYPICAL LADDER SUPPORT DETAIL
N.T.S.

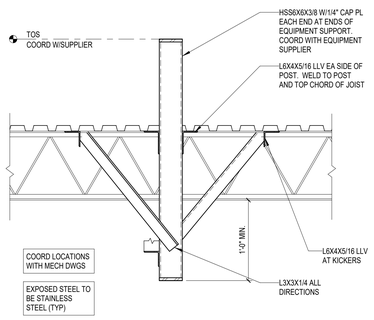


MARK	X	Y	SIZE	AXIAL FORCE (T/C)
KB1	5'-0"	3'-6"	HSS4X4X1/4	30 KIPS
KB2	5'-0"	5'-0"	HSS5X5X1/4	30 KIPS

5 TYPICAL KNEE BRACE
3/4" = 1'-0"



6 SECTION
3/4" = 1'-0"



7 SECTION
3/4" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TYPICAL FRAMING DETAILS

SHEET NUMBER
S502

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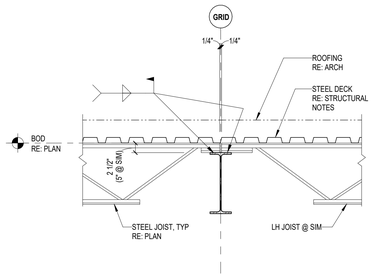
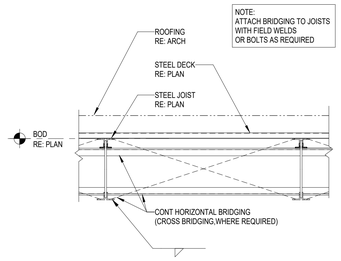


1 TYPICAL ROOF SECTION
3/4" = 1'-0"



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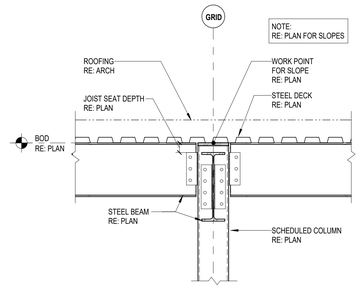
3/4" = 1'-0"



3 TYPICAL ROOF SECTION
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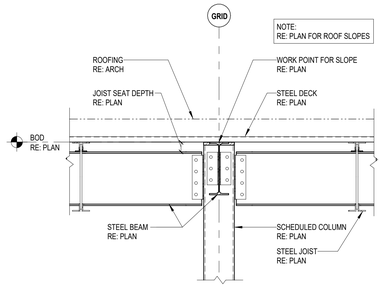
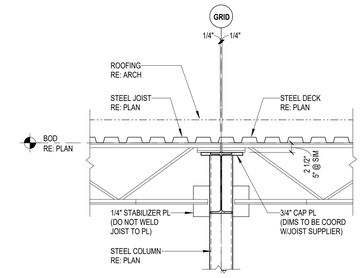
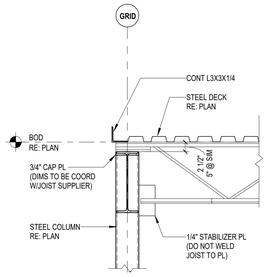


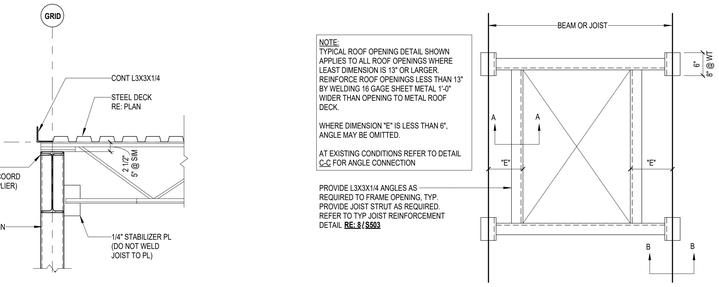
4 TYPICAL ROOF SECTION
3/4" = 1'-0"



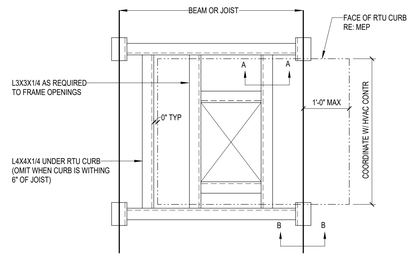
5 TYPICAL ROOF SECTION
3/4" = 1'-0"



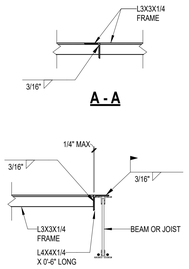
6 TYPICAL ROOF SECTION
3/4" = 1'-0"



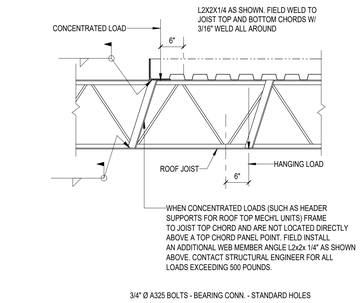
TYPICAL ROOF OPENING - PLAN VIEW



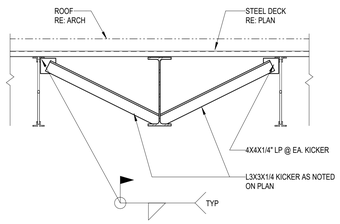
TYPICAL RTU SUPPORT DETAILS



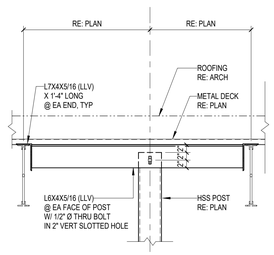
7 TYPICAL ROOF OPENING
3/4" = 1'-0"



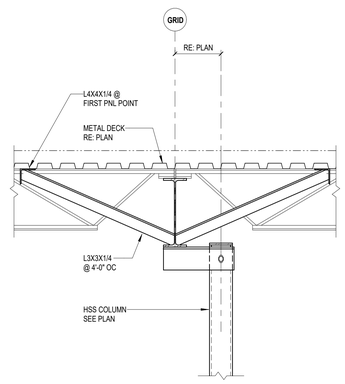
8 LOAD OFFSET FROM JOIST PNL POINT
3/4" = 1'-0"



9 TYPICAL ROOF SECTION
3/4" = 1'-0"



10 TYPICAL HSS POST SLIP CONNECTION
3/4" = 1'-0"

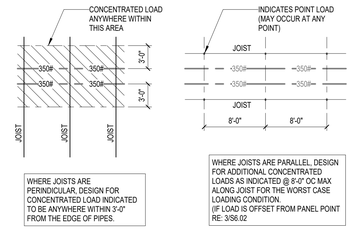


11 TYPICAL HSS POST SLIP CONNECTION
3/4" = 1'-0"

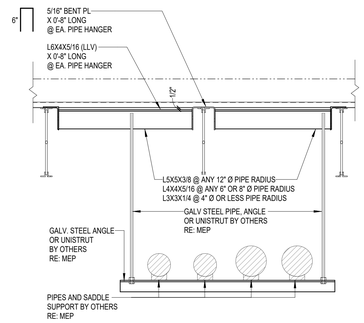
NOTES:

1. PIPE SUPPORTS TO BE PLACED AT 10'-0" MAX O.C WHERE PIPES RUN PARALLEL TO JOISTS. JOIST MANUF. TO DESIGN FOR POINT LOADS (PIPE RUN PLF x 10') ALONG JOIST SPAN @10' MAX O.C FOR WORST LOAD CONDITION.

2. WHERE PIPES RUN PERPENDICULAR TO JOISTS, PIPE SUPPORTS TO PLACED AT ALTERNATE JOIST MAX. JOIST MANUFACTURER TO DESIGN FOR A POINT LOAD WITH 12' TRIB (PIPE RUN PLF X 12') ALONG THE PIPE RUNS.



12 TYPICAL PIPE LOAD DIAGRAM
1/8" = 1'-0"



13 TYPICAL PIPE LOAD SECTION
3/4" = 1'-0"

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REVISION HISTORY

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12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TYPICAL ROOF FRAMING DETAILS

SHEET NUMBER
S503

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_R23.rvt
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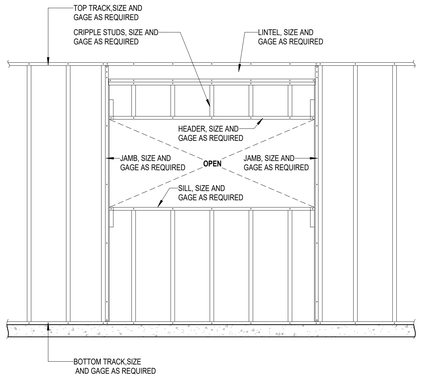
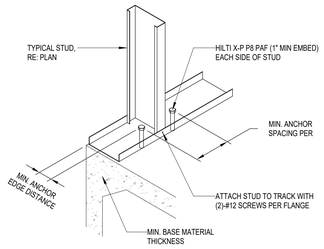
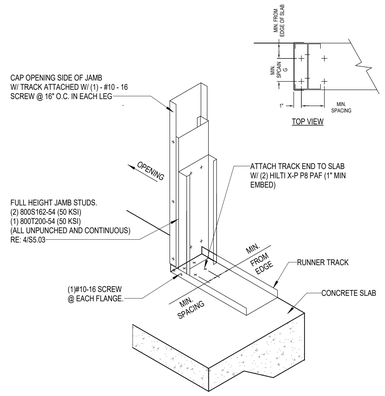


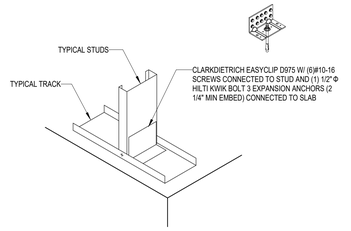
1 TYPICAL WALL OPENING ELEVATION
3/4" = 1'-0"



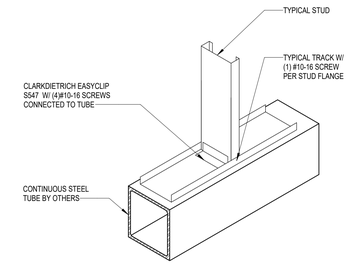
2 BASE CONNECTION TO SLAB
3/4" = 1'-0"



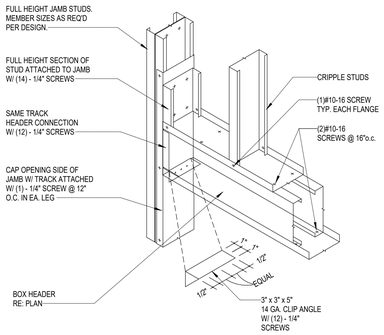
3 KING POST ANCHORAGE 1
3/4" = 1'-0"



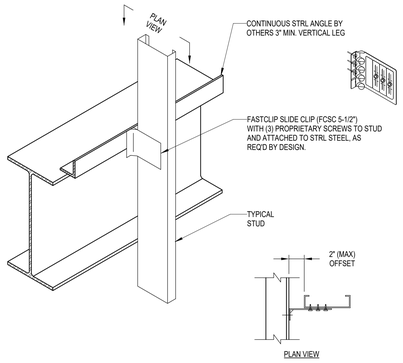
4 KING POST ANCHORAGE 2
3/4" = 1'-0"



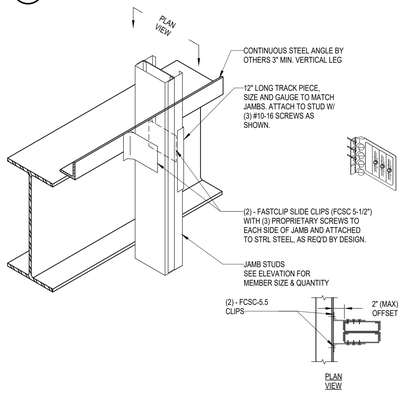
5 BASE CONNECTION TO HSS BEAM
3/4" = 1'-0"



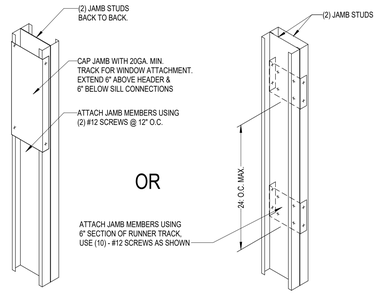
6 BOXED HDR CONNECTION
3/4" = 1'-0"



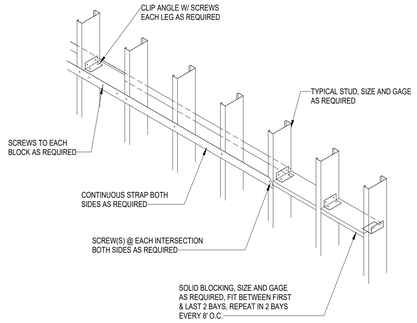
7 STUD CONNECTION W/ FCSC CLIP
3/4" = 1'-0"



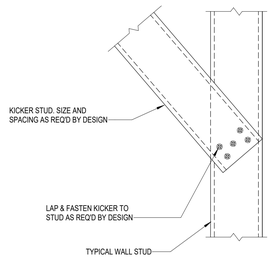
8 KING POST CONNECTION W/ FCSC CLIP
3/4" = 1'-0"



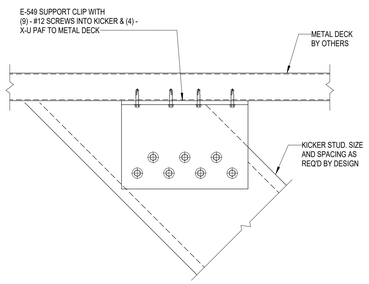
9 TIED JAMB STUDS
3/4" = 1'-0"



10 UNPUNCHED STUDS BRACING
3/4" = 1'-0"



11 KICKER CONNECTION TO STUD
3/4" = 1'-0"



12 KICKER CONNECTION TO DECK
3/4" = 1'-0"

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33AC23221	CFISD
DRAWN BY	CHECKED BY
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TYPICAL COLD FORMED METAL FRAMING DETAILS

SHEET NUMBER
S505

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_ R23.rvt
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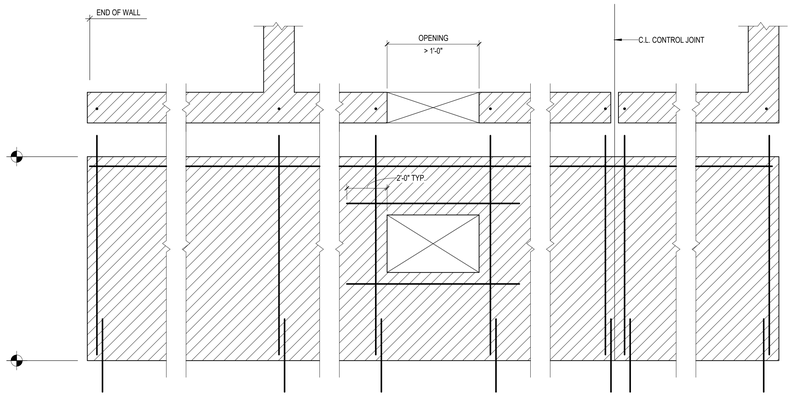


TYPICAL REINFORCED MASONRY NOTES

TYPICAL HORIZONTAL AND VERTICAL REINFORCING BARS SHALL BE AS NOTED ON THE PLAN SHEET. ADDITIONAL REINFORCING SHALL BE AS FOLLOWS

1. (2) #5 VERTICAL REINFORCING BARS SHALL BE PROVIDED, CONTINUOUSLY FROM SUPPORT TO SUPPORT (FINISHED FLOOR TO ROOF) AT:

A. WITHIN 8" OF EACH END OF WALL
B. EACH WALL INTERSECTION
C. WITHIN 16" OF EACH SIDE OF A MASONRY OPENING
D. WITHIN 8" OF EACH SIDE OF A MASONRY MOVEMENT JOINTS
E. EACH CORNER OF THE BUILDING
F. AT 32" OC, FULL HEIGHT

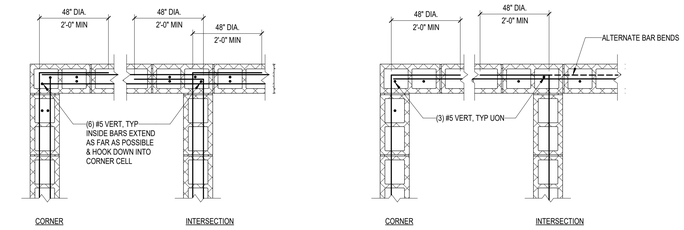
2. (2) #5 HORIZONTAL REINFORCING BARS SHALL BE PROVIDED AT:

A. TOP AND BOTTOM OF MASONRY OPENINGS
B. FLOOR AND ROOF LEVELS, CONTINUOUS
C. WITHIN 16" OF THE TOP OF MASONRY WALLS, CONTINUOUS.
D. 8'-0" OC

GC NOTE:
DO NOT LOCATE CONTROL JOINTS WITHIN HALF THE LENGTH OF THE LINTEL (2'-0" MIN) ADJACENT TO THE ROUGH OPENING.

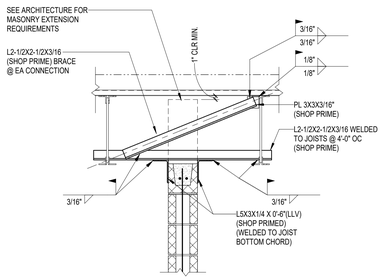
ALL HORIZONTAL REINFORCING WILL BE CONTINUOUS ACROSS CONTROL JOINTS

1 TYPICAL CMU WALL ELEVATION
3/4" = 1'-0"



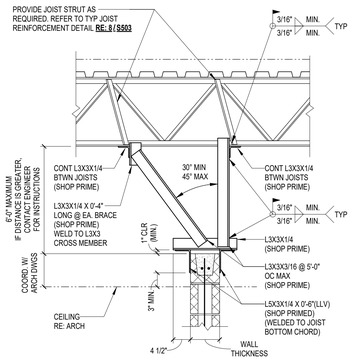
DOUBLE CURTAIN **SINGLE CURTAIN**

2 TYPICAL CMU WALL REINFORCING AT INTERSECTIONS
3/4" = 1'-0"



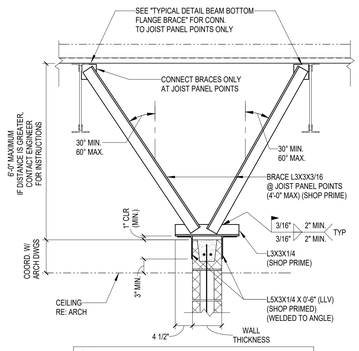
NOTE:
1. THIS DETAIL IS TO BE USED ONLY IF INTEGRAL INTERSECTING SUPPORT WALLS AT EACH END EXCEED A SPACING OF 36 TIMES THE NOMINAL WALL THICKNESS.

3 TOP OF CMU BRACING AT JOISTS
3/4" = 1'-0"



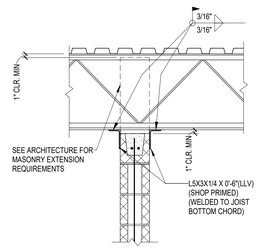
NOTE:
THIS DETAIL IS TO BE USED ONLY IF INTERSECTING SUPPORT WALLS EXCEED A SPACING OF 36 TIMES THE NOMINAL WALL THICKNESS.

4 TOP OF CMU BRACING AT JOISTS
3/4" = 1'-0"



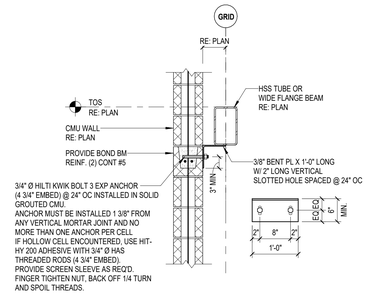
NOTE:
THIS DETAIL IS TO BE USED ONLY IF INTERSECTING SUPPORT WALLS EXCEED A SPACING OF 36 TIMES THE NOMINAL WALL THICKNESS.

5 TOP OF CMU BRACING AT JOISTS
3/4" = 1'-0"

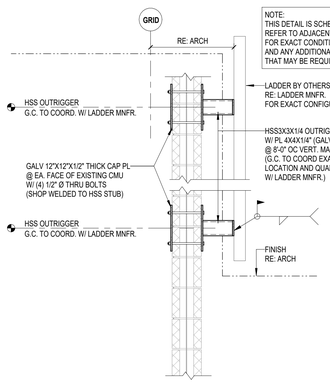


NOTE:
1. THIS DETAIL IS TO BE USED ONLY IF INTEGRAL INTERSECTING SUPPORT WALLS AT EACH END EXCEED A SPACING OF 36 TIMES THE NOMINAL WALL THICKNESS.

6 TOP OF CMU BRACING AT JOISTS
3/4" = 1'-0"

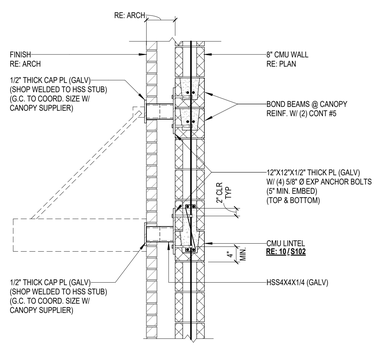


7 CMU CLIP TO STEEL BEAM
3/4" = 1'-0"

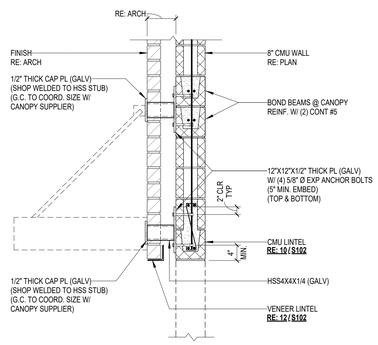


NOTE:
THIS DETAIL IS SCHEMATIC ONLY.
REFER TO ADJACENT DETAILS
FOR EXACT CONDITION OF BUILDING
AND ANY ADDITIONAL MISC. STEEL
THAT MAY BE REQUIRED

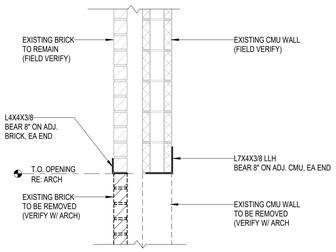
8 TYPICAL LADDER (EXISTING CMU)
3/4" = 1'-0"



9 CANOPY SUPPORT AT MASONRY VENEER
3/4" = 1'-0"



10 CANOPY SUPPORT AT MASONRY VENEER
3/4" = 1'-0"



11 STEEL LINTEL AT EXISTING CMU
3/4" = 1'-0"

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D + A PROJECT #24-073-00

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

FRED DALLY
90904
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TYPICAL CMU DETAILS

SHEET NUMBER
S601

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_ R23.rvt
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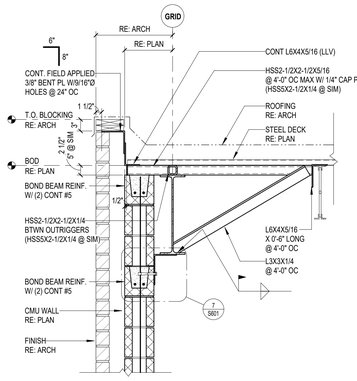
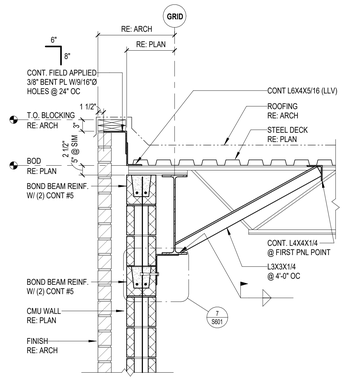
DATE STAMP: 12/5/2024 10:30:09 PM



1 SECTION
3/4" = 1'-0"



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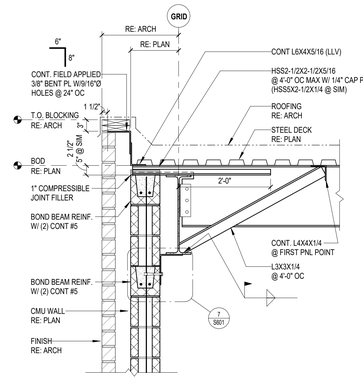

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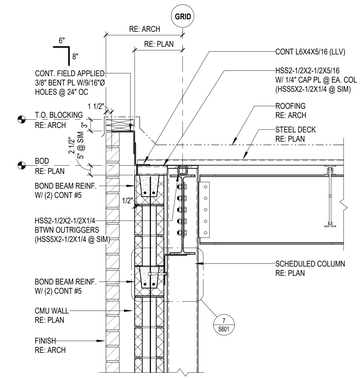
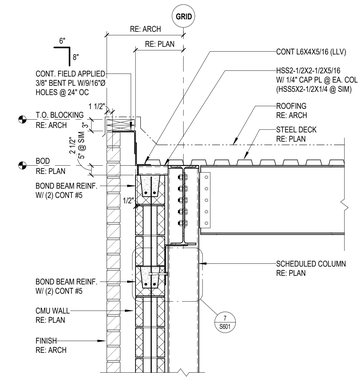
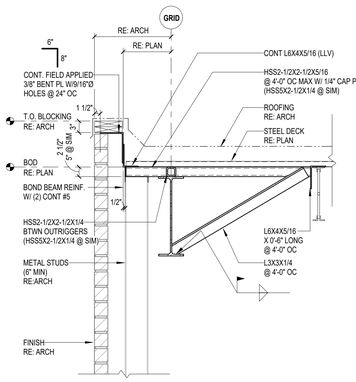


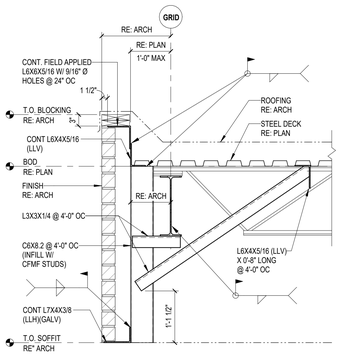
4 SECTION
3/4" = 1'-0"



5 SECTION
3/4" = 1'-0"



6 SECTION
3/4" = 1'-0"



7 SECTION
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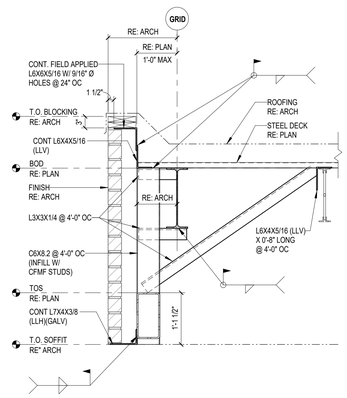
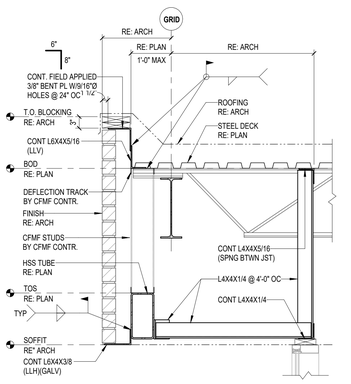
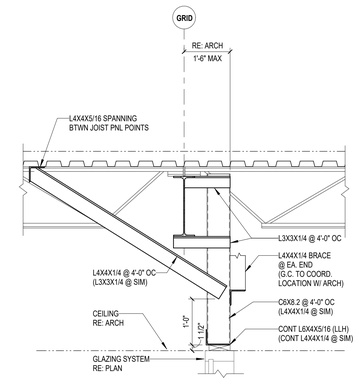


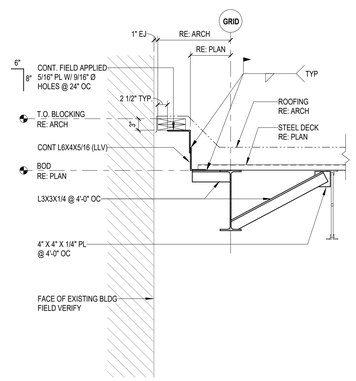
8 SECTION
3/4" = 1'-0"



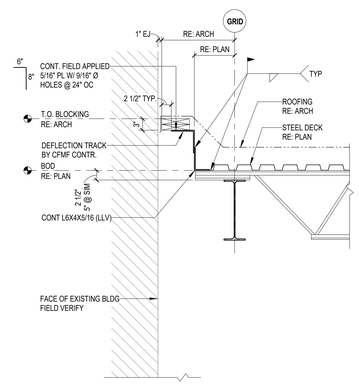
9 SECTION
3/4" = 1'-0"



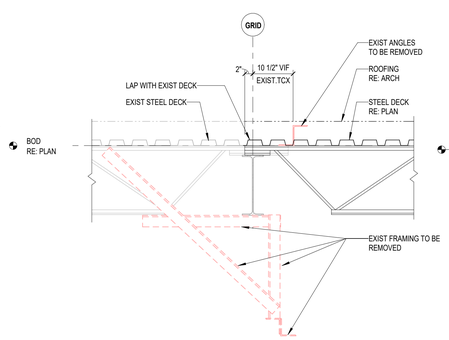
10 MISC. STEEL @ GLAZING
3/4" = 1'-0"



11 ROOF SECTION
3/4" = 1'-0"



12 ROOF SECTION
3/4" = 1'-0"



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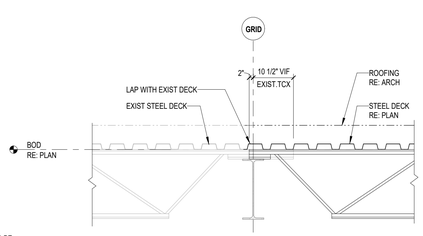
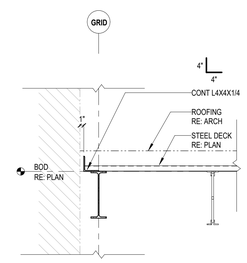


14 SECTION
3/4" = 1'-0"



15 SECTION
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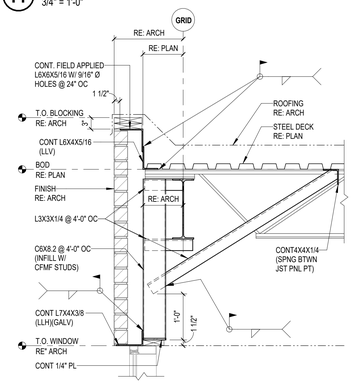

16 ROOF SECTION
3/4" = 1'-0"

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D + A PROJECT #24-073-00

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

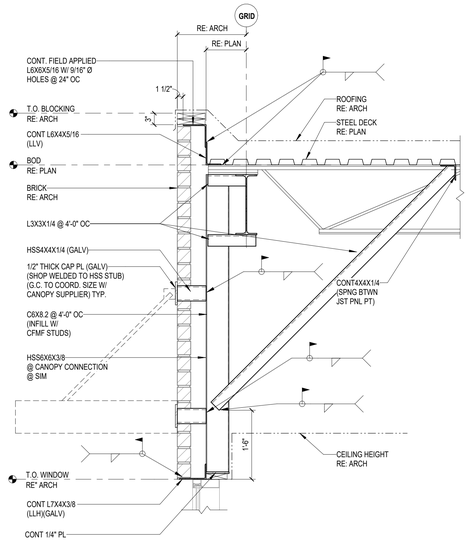
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
JT	LM

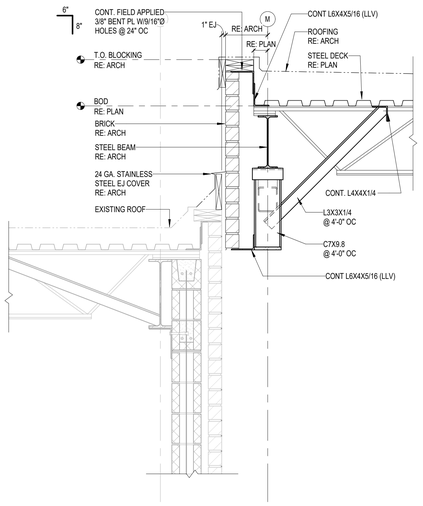
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ROOF FRAMING DETAILS

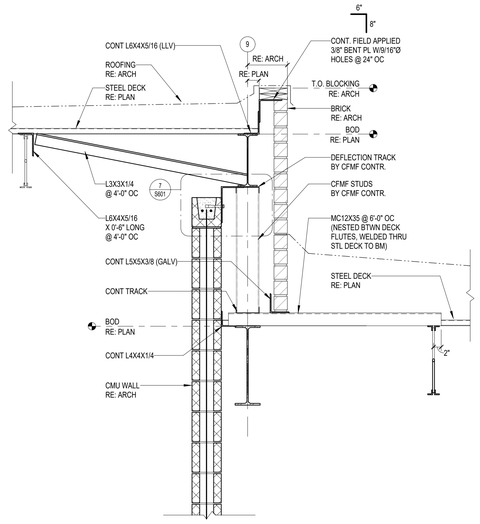
SHEET NUMBER
S701



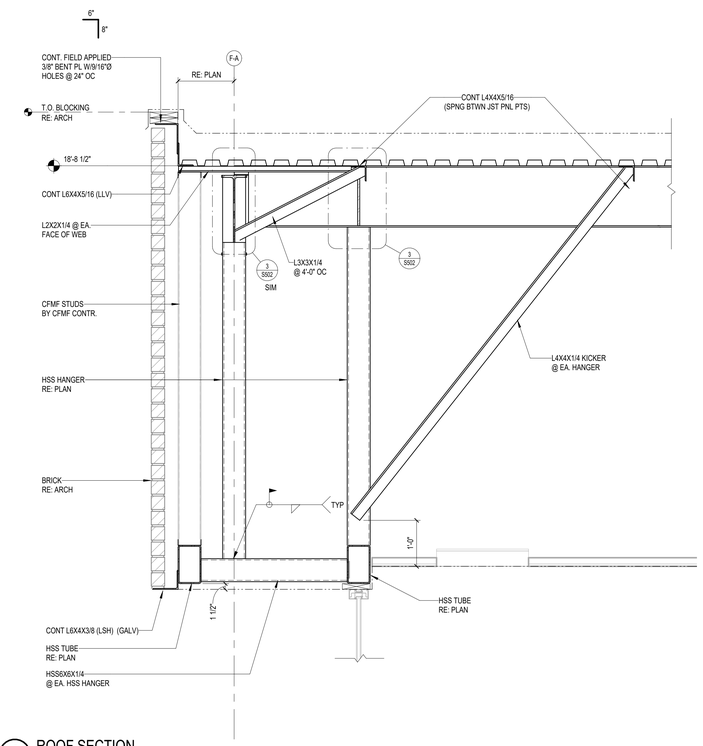
1 ROOF SECTION
3/4" = 1'-0"



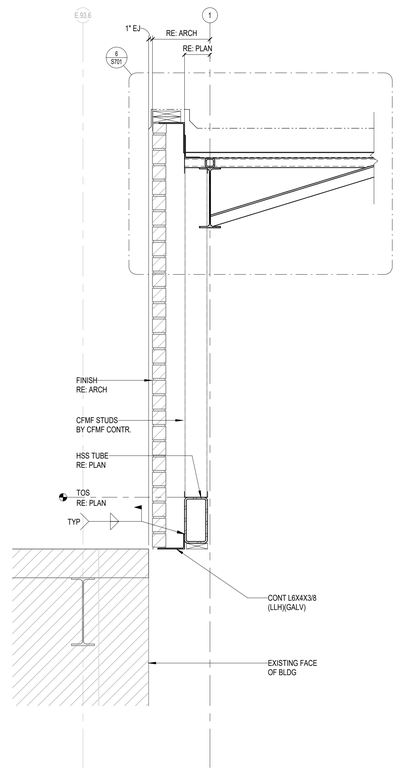
2 ROOF SECTION
3/4" = 1'-0"



3 ROOF SECTION
3/4" = 1'-0"



4 ROOF SECTION
3/4" = 1'-0"



5 ROOF SECTION
3/4" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
JT	LM

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ROOF FRAMING DETAILS

SHEET NUMBER
S702

FILE PATH: Autodesk Docs:///33AC23221-CFISD - Cy Ridge HS Renovation/24-073-00 CFISD Cy Ridge Addn_ STRUCT_R23.rvt
USER NAME:
DATE STAMP: 12/5/2024 10:30:20 PM

ABATEMENT PLAN GENERAL NOTES:

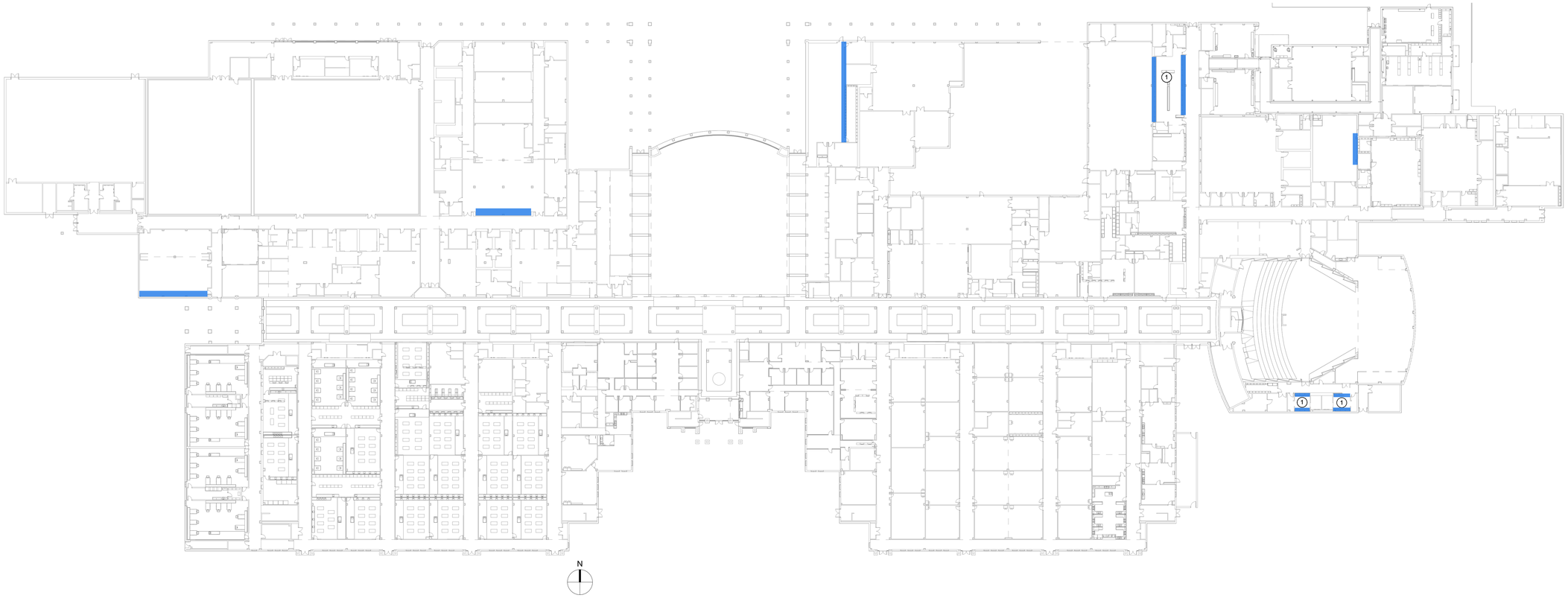
1. ABATEMENT PLANS WERE DERIVED FROM EXISTING BUILDING PLANS AND ARE INTENDED TO REASONABLY PRESENT EXISTING CONDITIIONS. ABATEMENT CONTRACTOR SHALL VERIFY ACTURAL CONDITIONS AND COORDINATE ABATEMENT AND DEMOLITION WORK.
2. REFERENCE ARCHITECT'S DEMOLITION SPECIFICATIONS AND DRAWINGS FOR DEMOLITION REQUIREMENTS AND EXISTING BUILDING DRAWINGS FOR BUILDING CONSTRUCTION CONDITIONS
3. THESE DRAWINGS ARE REPRESENTATIVE OF TYPICAL CONDITIONS IN THE BUILDING. HOWEVER THE LOCATIONS OF ALL ASBESTOS CONTAINING MATERIALS ARE NOT SHOWN. ABATEMENT CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE AREAS TO BE ABATED AND THE LOCATIONS OF ALL ASBESTOS-CONTAING MATERIALS.
4. ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR ABATEMENT OF ALL ASBESTOS-CONTAINING MATERIALS.
5. THE ASBESTOS ABATEMENT SCOPE OF WORK IS DESCRIBED IN THE ABATEMENT SPECIFICATIONS. THE ASBESTOS ABATEMENT SCOPE OF WORK SHALL ALSO INCLUDE ANY HIDDEN ASBESTOS-CONTAINING MATERIALS THAT MAY BE UNCOVERED DURING THE BUILDING SELECTIVE DEMOLITION ACTIVITIES. THE ASBESTOS-CONTAINING MATERIALS IDENTIFIED IN THE BUILDING INCLUDE, AS A MINIMUM, THE FOLLOWING MATERIALS: INTERIOR ASBESTOS-CONTAINING MATERIALS: BLACK MIRROR MASTIC.
6. ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND VERIFYING THE ACTUAL QUANTITIES OF ALL ASBESTOS-CONTAINING MATERIALS AND OTHER REGULATED MATERIALS THAT WILL BE ABATED UNDER THE IDENTIFIED SCOPE OF WORK. WHILE SOME OF THE EXISTING AREAS OF ASBESTOS-CONTAINING MATERIALS ARE ACCESSIBLE OR EXPOSED, OTHER AREAS OF ASBESTOS-CONTAINING MATERIALS MAY BE "HIDDEN" (E.G. LOCATED ABOVE CEILINGS; IN WALLS OR CHASES; UNDER CARPET OR OTHER FLOOR FINISH MATERIALS; ABOVE AND/OR UNDER WALLS, MILLWORK, ETC.). ALL "HIDDEN" AREAS OF ASBESTOS-CONTAINING MATERIALS IN AREAS SCHEDULD FOR DEMOLITION IN THE SUBJECT BUILDING SHALL BE UNCOVERED AND ABATED BY THE ABATEMENT CONTRACTOR AS PART OF THE PROJECT SCOPE OF WORK.
7. PERFORM SELECTIVE DEMOLITION OF WALL AREAS, CEILING AREAS, FLOOR AREAS, CHASE AREAS, ETC. AS REQUIRED TO UNCOVER AND LOCATE ALL "HIDDEN" AREAS OF ASBESTOS-CONTAINING MATERIALS IN AREAS SCHEDULED FOR DEMOLITION IN THE SUBJECT BUILDING.

ABATEMENT PLAN KEYED NOTES:

1. MIRROR MASTIC AND ASSOCIATED MIRROR IN THIS AREA IS TO BE ABATED. (THAPR - FULL CONTAINMENT) REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT SCOPE OF DEMO AND REMOVAL. FIELD VERIFY ALL COMPONENTS TO BE DEMOLISHED.

ASBESTOS LEGEND (LOCATION PURPOSES ONLY):

- MIRRORS WITH IDENTIFIED OR PRESUMED BLACK MASTIC ADHESIVE



1 ASBESTOS LOCATION DRAWING - LEVEL 01

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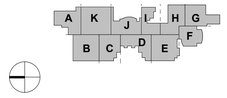
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	**CHECKED BY**
SRH	KAC

ORIGINAL ISSUE

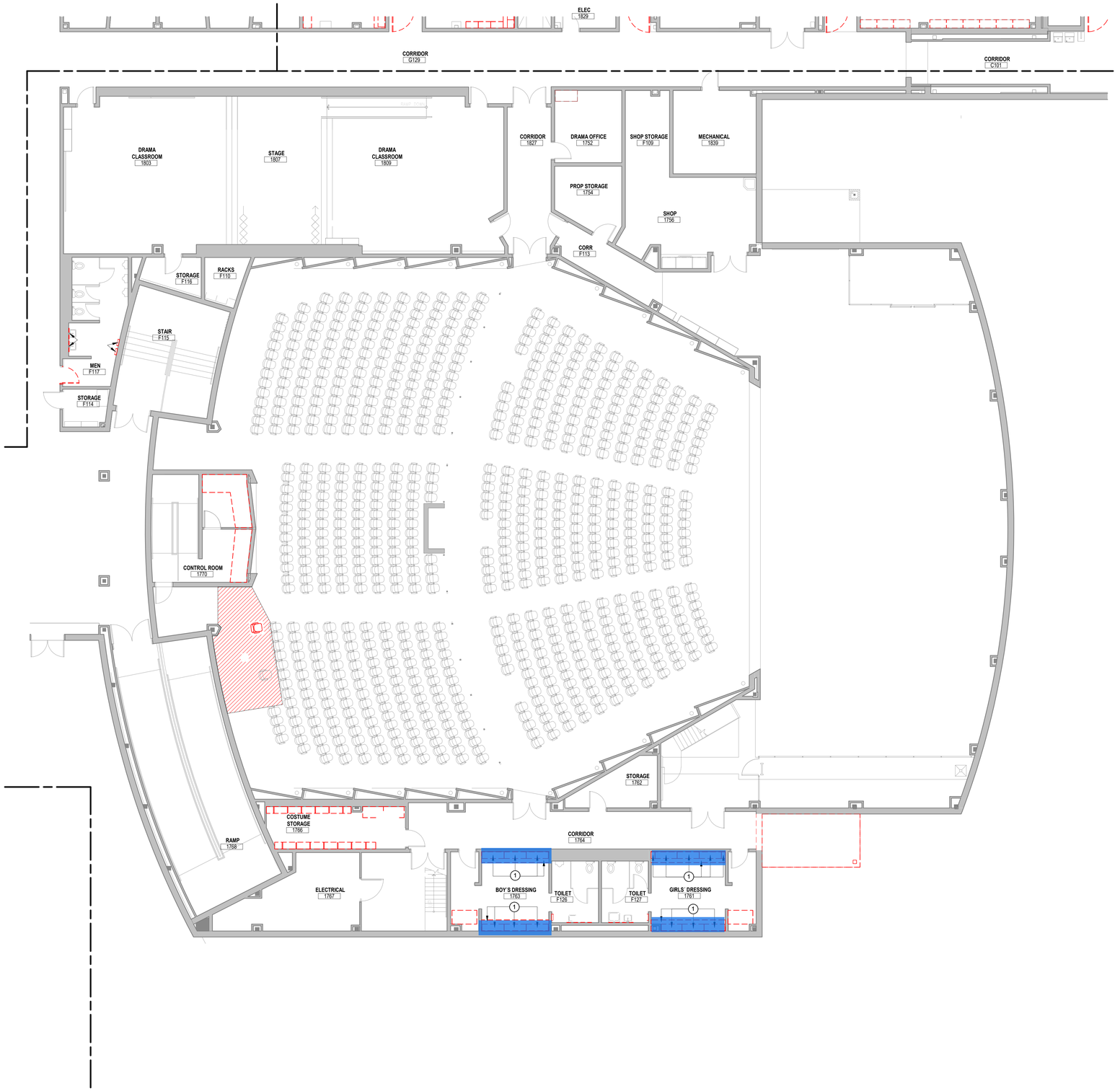
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ASBESTOS CONTAINING MATERIALS-LEVEL 01

SHEET NUMBER

ABT-01



1 **ASBESTOS ABATEMENT FLOOR PLAN - LEVEL 01 - AREA F**
SCALE: 1/8" = 1'-0"

ABATEMENT PLAN GENERAL NOTES:

1. ABATEMENT PLANS WERE DERIVED FROM EXISTING BUILDING PLANS AND ARE INTENDED TO REASONABLY PRESENT EXISTING CONDITIIONS. ABATEMENT CONTRACTOR SHALL VERIFY ACTURAL CONDITIONS AND COORDINATE ABATEMENT AND DEMOLITION WORK.
2. REFERENCE ARCHITECT'S DEMOLITION SPECIFICATIONS AND DRAWINGS FOR DEMOLITION REQUIREMENTS AND EXISTING BUILDING DRAWINGS FOR BUILDING CONSTRUCTION CONDITIONS
3. THESE DRAWINGS ARE REPRESENTATIVE OF TYPICAL CONDITIONS IN THE BUILDING. HOWEVER THE LOCATIONS OF ALL ASBESTOS CONTAINING MATERIALS ARE NOT SHOWN. ABATEMENT CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE AREAS TO BE ABATED AND THE LOCATIONS OF ALL ASBESTOS-CONTAING MATERIALS.
4. ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR ABATEMENT OF ALL ASBESTOS-CONTAINING MATERIALS.
5. THE ASBESTOS ABATEMENT SCOPE OF WORK IS DESCRIBED IN THE ABATEMENT SPECIFICATIONS. THE ASBESTOS ABATEMENT SCOPE OF WORK SHALL ALSO INCLUDE ANY HIDDEN ASBESTOS-CONTAINING MATERIALS THAT MAY BE UNCOVERED DURING THE BUILDING SELECTIVE DEMOLITION ACTIVITIES. THE ASBESTOS-CONTAINING MATERIALS IDENTIFIED IN THE BUILDING INCLUDE, AS A MINIMUM, THE FOLLOWING MATERIALS: INTERIOR ASBESTOS-CONTAINING MATERIALS: BLACK MIRROR MASTIC.
6. ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND VERIFYING THE ACTUAL QUANTITIES OF ALL ASBESTOS-CONTAINING MATERIALS AND OTHER REGULATED MATERIALS THAT WILL BE ABATED UNDER THE IDENTIFIED SCOPE OF WORK. WHILE SOME OF THE EXISTING AREAS OF ASBESTOS-CONTAINING MATERIALS ARE ACCESSIBLE OR EXPOSED, OTHER AREAS OF ASBESTOS-CONTAINING MATERIALS MAY BE "HIDDEN" (E.G. LOCATED ABOVE CEILINGS; IN WALLS OR CHASES; UNDER CARPET OR OTHER FLOOR FINISH MATERIALS; ABOVE AND/OR UNDER WALLS, MILLWORK, ETC.). ALL "HIDDEN" AREAS OF ASBESTOS-CONTAINING MATERIALS IN AREAS SCHEDULD FOR DEMOLITION IN THE SUBJECT BUILDING SHALL BE UNCOVERED AND ABATED BY THE ABATEMENT CONTRACTOR AS PART OF THE PROJECT SCOPE OF WORK.
7. PERFORM SELECTIVE DEMOLITION OF WALL AREAS, CEILING AREAS, FLOOR AREAS, CHASE AREAS, ETC. AS REQUIRED TO UNCOVER AND LOCATE ALL "HIDDEN" AREAS OF ASBESTOS-CONTAINING MATERIALS IN AREAS SCHEDULED FOR DEMOLITION IN THE SUBJECT BUILDING.

ABATEMENT PLAN KEYED NOTES:

1. MIRROR MASTIC AND ASSOCIATED MIRROR IN THIS AREA IS TO BE ABATED. (THAPR - FULL CONTAINMENT) REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT SCOPE OF DEMO AND REMOVAL. FIELD VERIFY ALL COMPONENTS TO BE DEMOLISHED.

ASBESTOS LEGEND (LOCATION PURPOSES ONLY):

- MIRRORS WITH IDENTIFIED OR PRESUMED BLACK MASTIC ADHESIVE

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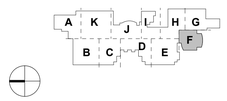


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

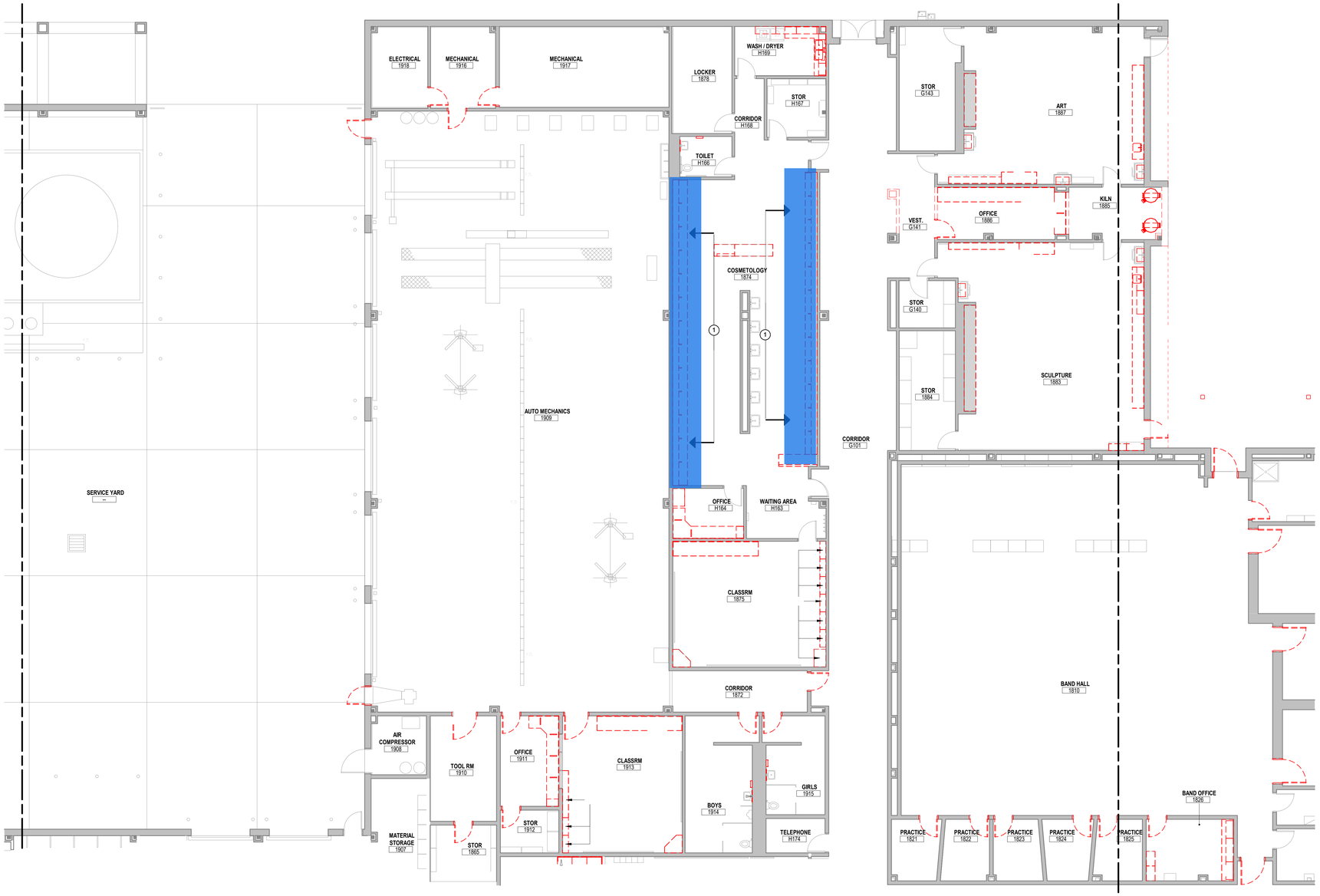
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
SHH	KAC

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ASBESTOS ABATEMENT PLAN - LEVEL 01 - AREA F

SHEET NUMBER
ABT-02-F



1 **ASBESTOS ABATEMENT FLOOR PLAN - LEVEL 01 - AREA H**
SCALE: 1/8" = 1'-0"

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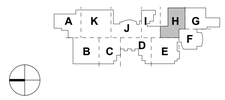
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
SHH	KAC

ORIGINAL ISSUE
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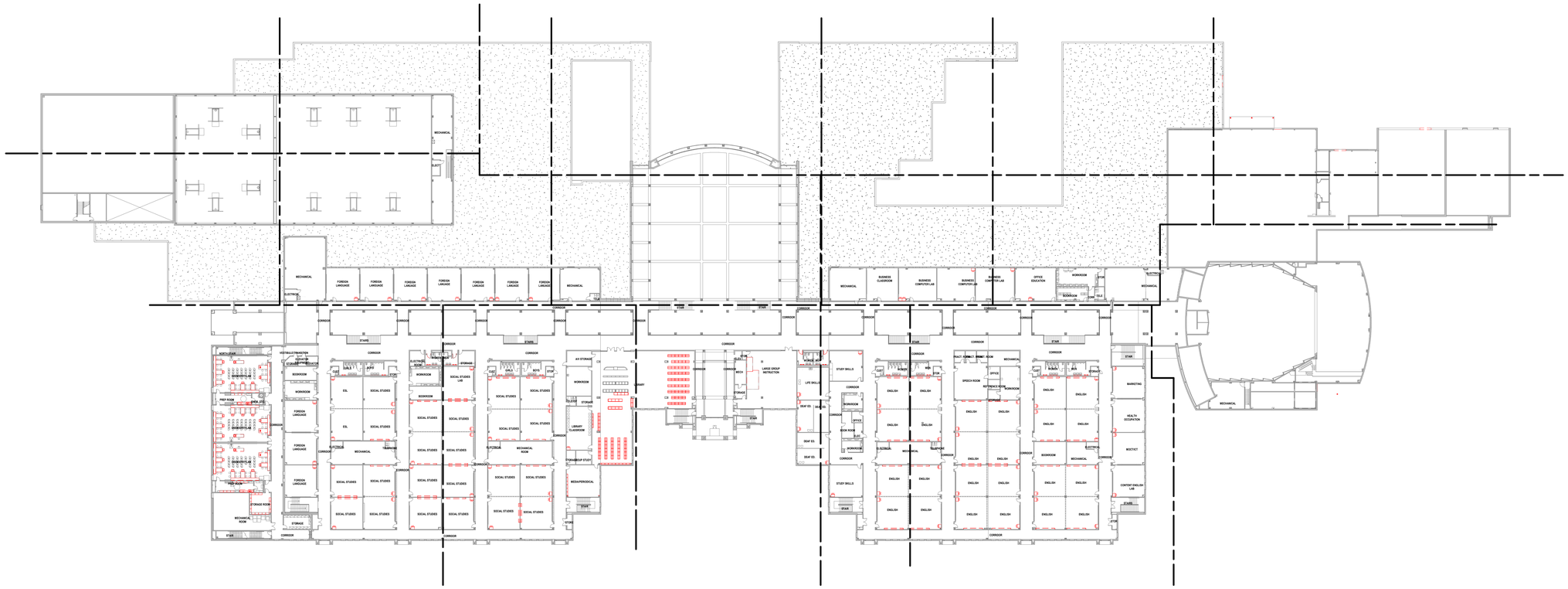
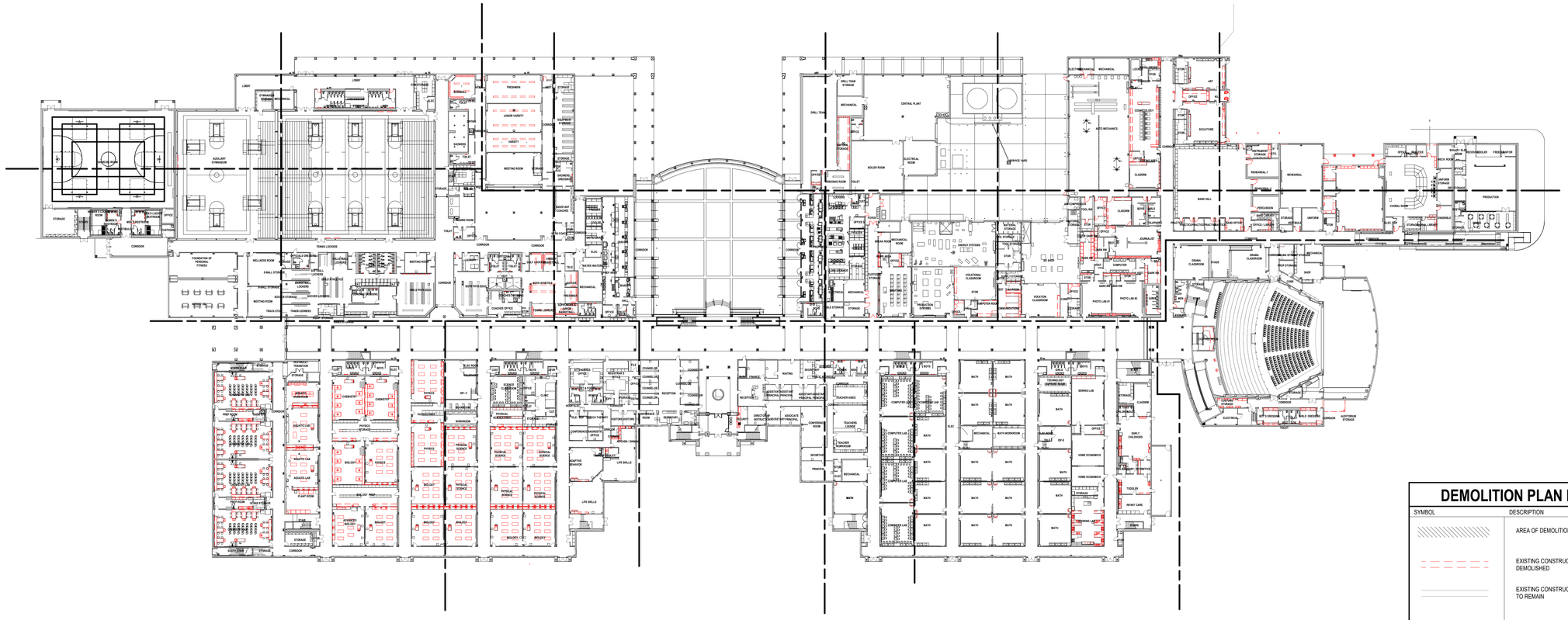
SHEET NAME
ASBESTOS ABATEMENT PLAN - LEVEL 01 - AREA H

SHEET NUMBER
ABT-03-H



2 ARCHITECTURAL - DEMOLITION OVERALL FLOOR PLAN - LEVEL 02
SCALE: 1" = 40'-0"



1 ARCHITECTURAL - DEMOLITION OVERALL FLOOR PLAN - LEVEL 01
SCALE: 1" = 40'-0"

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN

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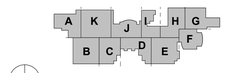

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

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PROJECT
2024 CY RIDGE HS RENOVATION
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
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DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 & 02

SHEET NUMBER
AD-101

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
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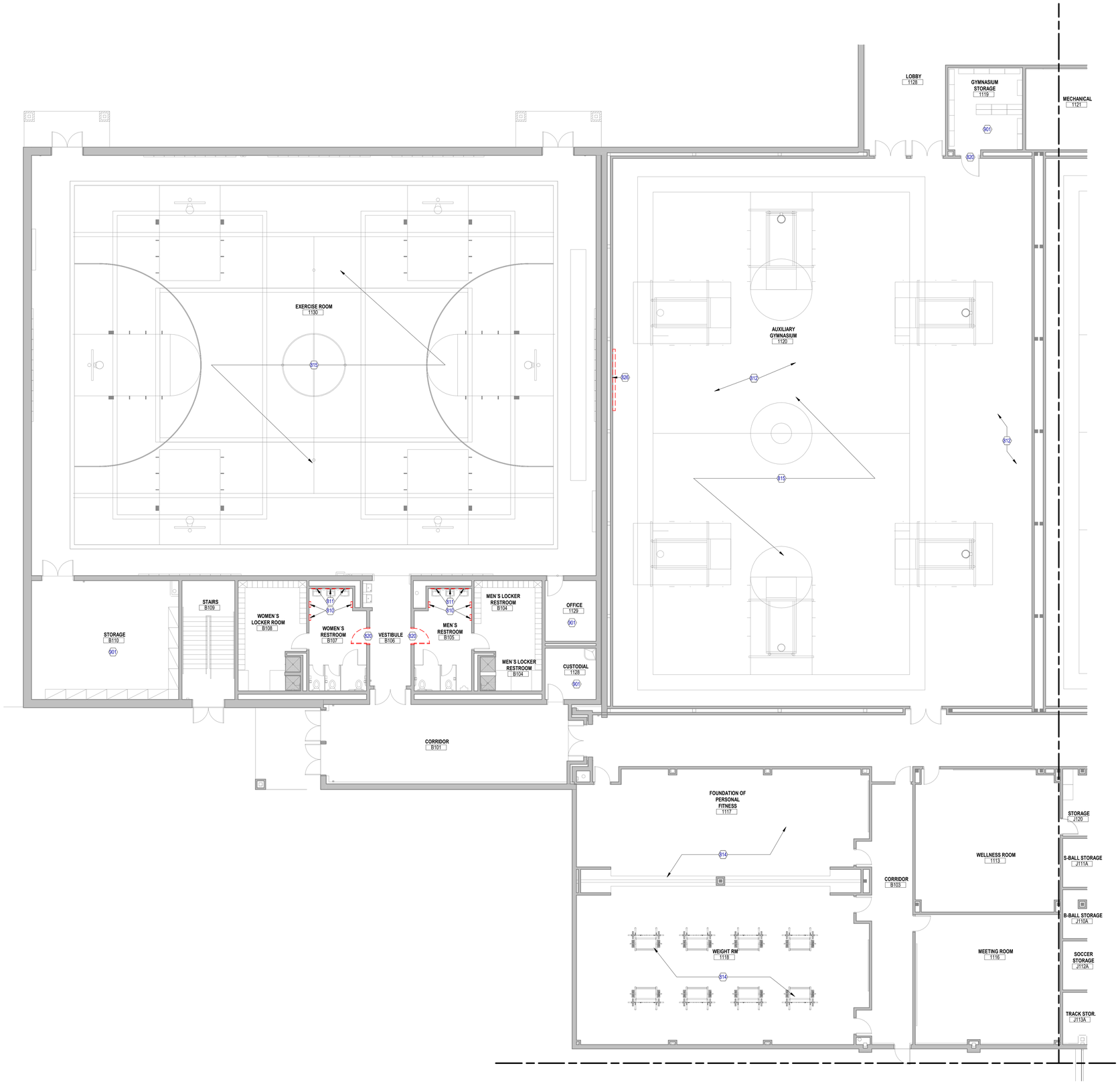

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA A**
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN GENERAL NOTES

1. COORDINATE ALL DEMOLITION FROM ALL DISCIPLINES WITH THE INFORMATION PROVIDED ON CONTRACT DOCUMENTS.
2. ALL MATERIAL TO BE DEMOLISHED AND REMOVED SHALL BE DISPOSED OF AS APPROVED BY LOCAL ORDINANCE AND CODES.
3. THE EXISTING AREAS TO REMAIN SHALL BE PROTECTED. ALL DAMAGE RESULTING FROM WORK IN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE. CAREFULLY DISMANTLE AND REMOVE MATERIALS SHOWN ON PLANS TO BE DEMOLISHED. NOTIFY ARCHITECT PRIOR TO CONSTRUCTION OF ANY DEMOLITION WORK THAT MAY DAMAGE THE INTEGRITY OF ANY MATERIALS WHICH ARE TO REMAIN AS EXISTING.
4. PARTS OF THIS BUILDING WILL BE ACTIVE, THE CONTRACTOR SHALL COORDINATE ALL SYSTEM SHUT DOWNS WITH THE FACILITY MANAGER. THE CONTRACTOR SHALL INFORM THE FACILITY MANAGER OF SCHEDULE, DURATION AND AREAS AFFECTED AND SHALL RECEIVE OWNER APPROVAL PRIOR TO SHUT DOWN COMMENCEMENT.
5. THE PREMISES IN WHICH WORK IS BEING PERFORMED SHALL BE KEPT CLEAN AT ALL TIMES.
6. EXISTING CONCRETE SLABS INTENDED TO REMAIN SHALL BE REPAIRED AND FLOATED LEVEL W/ SURROUNDING SLABS AND PREPARED TO RECEIVE NEW FINISH.
7. DOORS, FRAMES, HARDWARE, PLUMBING AND ELECTRICAL DEVICES AND FIXTURES, ETC. NOT REUSED SHALL BE DELIVERED TO OWNER, COORDINATE THIS WITH THE OWNER.
8. REMOVE ALL CONDUCTORS, CONDUIT AND BOXES BACK TO PANEL IN RENOVATED AREA REMOVE ALL RELATED STRAPS AND HANGERS - RE: ELECTRICAL DRAWINGS FOR MORE INFORMATION.
9. REMOVE ALL PLUMBING FROM RENOVATED AREA TO NEAREST JUNCTURE WHERE THE LINE IS STILL USED AND CAP. REMOVE RELATED UNUSED STRAPS AND HANGERS, RE: PLUMBING DRAWINGS FOR MORE INFORMATION. PLUMBING LINE SERVING OTHER AREAS SHALL BE KEPT. CONTRACTOR IS TO VERIFY PLUMBING LINES PRIOR TO DEMOLITION. RE: PLUMBING DRAWINGS FOR MORE INFORMATION.
10. REMOVE ALL HVAC DUCTWORK IN RENOVATED AREA TO NEAREST JUNCTURE WHERE THE DUCT IS STILL IN USE AND CAP AS REQUIRED. REMOVE ALL RELATED STRAPS AND HANGERS. RE: MECHANICAL DRAWINGS FOR MORE INFORMATION.
11. DURING CONSTRUCTION, MAINTAIN NEGATIVE AIR PRESSURE ON CONSTRUCTION ZONE WHILE MAINTAINING POSITIVE PRESSURE ON THE NON-CONSTRUCTION ZONE.
12. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE. IDENTIFY AND PROTECT AGAINST DAMAGE DURING DEMOLITION. THE CONTRACTOR IS TO REFERENCE THE CIVIL DOCUMENTS AND TO NOTIFY THE OWNER, ARCHITECT, AND CIVIL ENGINEER IF ANY UTILITIES ARE UNCOVERED DURING THE DEMOLITION PHASE THAT ARE NOT IDENTIFIED IN THE DOCUMENTS PROVIDED.
13. RELOCATE ROOF DRAINS ALONG THE DEMOLITION LINE. RELOCATE AND RESLOPE ROOF TO NEW DRAIN LOCATIONS.
14. PROTECT EXISTING FIRE PROOFING OR FIRE ASSEMBLIES INDICATED TO REMAIN, DAMAGE DURING DEMOLITION SHALL BE REPAIRED TO CONFORM TO ORIGINAL FIRE PROTECTION REQUIREMENTS.
15. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN INSTALLATION OF NEW CONSTRUCTION SO AS TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO THE STRUCTURE OR INTERIOR AREAS OF THE EXISTING BUILDING. REMOVE TEMPORARY PROTECTIONS AT COMPLETION OF WORK.
16. REMOVE EXISTING CEILINGS AND CEILING SUPPORT SYSTEM WHERE NEW CEILINGS ARE INDICATED, UNLESS NOTED OTHERWISE.
17. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.
18. REMOVE EXISTING FINISHES AS REQUIRED AS PER FINISH MANUFACTURE'S PRINTED INSTRUCTIONS. SEE FINISH SCHEDULE FOR NEW FINISHES.
19. AREA OR OBJECTS IDENTIFIED AS "EXISTING TO REMAIN" OR " NOT IN CONTRACT" - "N.I.C." SHALL BE PROTECTED . ALL DAMAGE TO THESE AREAS RESULTING FROM DEMOLITION WORK WITHIN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE.
20. ALL INFORMATION REGARDING EXISTING CONDITIONS IS BASED ON OWNER SUPPLIED DOCUMENTS AND MAY NOT REFLECT ACTUAL FIELD CONDITIONS. UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN DRAWINGS DEPICTING EXISTING CONDITIONS OR UPON DISCOVERY OF UNKNOWN CONDITIONS DETRIMENTAL TO THE COMPLETION OF THE WORK AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT, IN WRITING, OF THE CONDITIONS IN QUESTION BEFORE PROCEEDING WITH THE WORK IN THAT AREA.
21. COORDINATE OWNER WALK THROUGH TO IDENTIFY AL ITEMS TO BE SALVAGED FOR THE OWNER'S RE-USE. INCLUDING BUT NOT LIMITED TO MEDICAL EQUIPMENT, FRAMED DOCUMENTS, SIGNS/GRAPHIC ART, HISTORICAL COLLECTIBLES, ETC. REMOVE ITEMS THUS IDENTIFIED AND GIVE TO THE OWNER, OR STORE FOR RE-USE AT PER OWNERS DIRECTION.
22. THIS PLAN IS BEING ISSUED FOR THE PURPOSE OF ASSISTING THE CONTRACTOR IN BETTER UNDERSTANDING THE PROJECT SCOPE. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILITY TO VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS.
23. REMOVE ALL ROOM GRAPHICS AND ROOM SIGNAGE FROM WALLS - REMOVE GLUE FROM WALLS AND PREP FOR NEW ROOM GRAPHICS.
24. REMOVE ALL EXISTING SHELVING FROM WALLS, PREP WALLS FOR NEW PAINT - RETURN SHELVING BACK TO SPACE AFTER PAINT AND FLOORING IS COMPLETED.
24. REMOVE ALL EXISTING AWP FROM WALLS, PREP WALLS FOR NEW PAINT -RETURN AWP BACK TO SPACE AFTER PAINT IS COMPLETED.

KEYED NOTES

NUMBER	DESCRIPTION
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS, PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
812	PREP GYM FLOOR FOR REFINISHING AND RESTRIPING. PROTECT GYM STRUCTURE, HVAC SYSTEMS AND COILS, EQUIPMENT, AND BLEACHERS DURING CONSTRUCTION. CLEAN AREA UNDER EXTENDED BLEACHERS, UPON COMPLETION OF NEW WORK. PROVIDE TEMPORARY AIR FILTERS FOR AIR HANDLERS DURING CONSTRUCTION.
814	DEMO EXISTING WEIGHT ROOM FLOORING. PREP AREA TO RECEIVE NEW SPORTS FLOORING.
815	REMOVE ALL WALL PADS AND PROTECTS. REINSTALL IN SAME LOCATION AFTER PAINTING.
820	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS), AUTOSHOP
826	REMOVE EXISTING SCOREBOARD. PREP TO RECEIVE NEW SCOREBOARD.
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN

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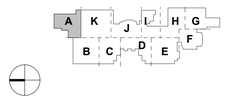
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA A

SHEET NUMBER
AD-101-A

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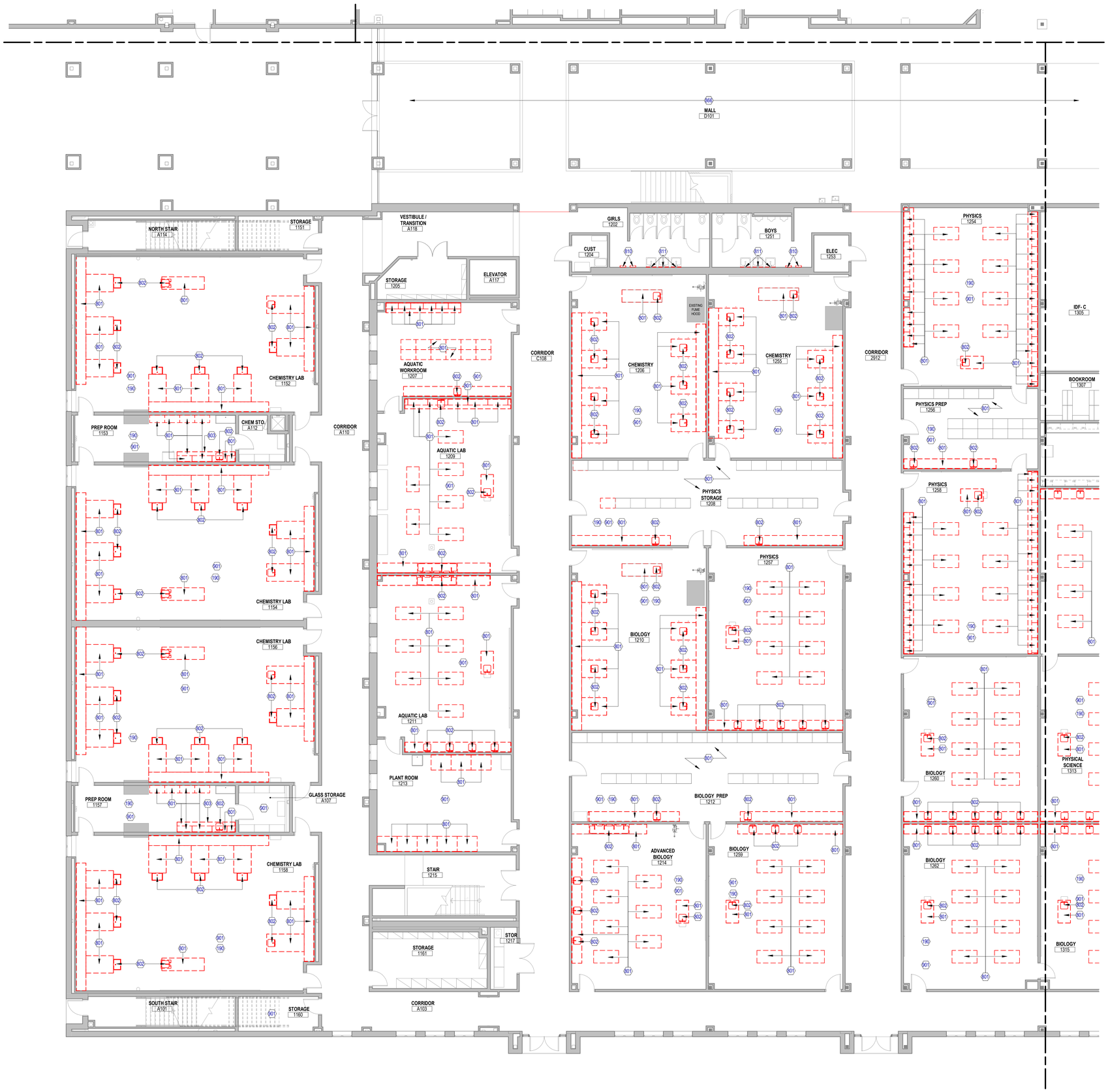

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA B**
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN GENERAL NOTES

1. COORDINATE ALL DEMOLITION FROM ALL DISCIPLINES WITH THE INFORMATION PROVIDED ON CONTRACT DOCUMENTS.
2. ALL MATERIAL TO BE DEMOLISHED AND REMOVED SHALL BE DISPOSED OF AS APPROVED BY LOCAL ORDINANCE AND CODES.
3. THE EXISTING AREAS TO REMAIN SHALL BE PROTECTED. ALL DAMAGE RESULTING FROM WORK IN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE. CAREFULLY DISMANTLE AND REMOVE MATERIALS SHOWN ON PLANS TO BE DEMOLISHED. NOTIFY ARCHITECT PRIOR TO CONSTRUCTION OF ANY DEMOLITION WORK THAT MAY DAMAGE THE INTEGRITY OF ANY MATERIALS WHICH ARE TO REMAIN AS EXISTING.
4. PARTS OF THIS BUILDING WILL BE ACTIVE, THE CONTRACTOR SHALL COORDINATE ALL SYSTEM SHUT DOWNS WITH THE FACILITY MANAGER. THE CONTRACTOR SHALL INFORM THE FACILITY MANAGER OF SCHEDULE, DURATION AND AREAS AFFECTED AND SHALL RECEIVE OWNER APPROVAL PRIOR TO SHUT DOWN COMMENCEMENT.
5. THE PREMISES IN WHICH WORK IS BEING PERFORMED SHALL BE KEPT CLEAN AT ALL TIMES.
6. EXISTING CONCRETE SLABS INTENDED TO REMAIN SHALL BE REPAIRED AND FLOATED LEVEL W/ SURROUNDING SLABS AND PREPARED TO RECEIVE NEW FINISH.
7. DOORS, FRAMES, HARDWARE, PLUMBING AND ELECTRICAL DEVICES AND FIXTURES, ETC. NOT REUSED SHALL BE DELIVERED TO OWNER, COORDINATE THIS WITH THE OWNER.
8. REMOVE ALL CONDUCTORS, CONDUIT AND BOXES BACK TO PANEL IN RENOVATED AREA REMOVE ALL RELATED STRAPS AND HANGERS - RE: ELECTRICAL DRAWINGS FOR MORE INFORMATION.
9. REMOVE ALL PLUMBING FROM RENOVATED AREA TO NEAREST JUNCTURE WHERE THE LINE IS STILL USED AND CAP. REMOVE RELATED UNUSED STRAPS AND HANGERS, RE: PLUMBING DRAWINGS FOR MORE INFORMATION. PLUMBING LINE SERVING OTHER AREAS SHALL BE KEPT. CONTRACTOR IS TO VERIFY PLUMBING LINES PRIOR TO DEMOLITION. RE: PLUMBING DRAWINGS FOR MORE INFORMATION.
10. REMOVE ALL HVAC DUCTWORK IN RENOVATED AREA TO NEAREST JUNCTURE WHERE THE DUCT IS STILL IN USE AND CAP AS REQUIRED. REMOVE ALL RELATED STRAPS AND HANGERS. RE: MECHANICAL DRAWINGS FOR MORE INFORMATION.
11. DURING CONSTRUCTION, MAINTAIN NEGATIVE AIR PRESSURE ON CONSTRUCTION ZONE WHILE MAINTAINING POSITIVE PRESSURE ON THE NON-CONSTRUCTION ZONE.
12. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE. IDENTIFY AND PROTECT AGAINST DAMAGE DURING DEMOLITION. THE CONTRACTOR IS TO REFERENCE THE CIVIL DOCUMENTS AND TO NOTIFY THE OWNER, ARCHITECT, AND CIVIL ENGINEER IF ANY UTILITIES ARE UNCOVERED DURING THE DEMOLITION PHASE THAT ARE NOT IDENTIFIED IN THE DOCUMENTS PROVIDED.
13. RELOCATE ROOF DRAINS ALONG THE DEMOLITION LINE. RELOCATE AND RESLOPE ROOF TO NEW DRAIN LOCATIONS.
14. PROTECT EXISTING FIRE PROOFING OR FIRE ASSEMBLIES INDICATED TO REMAIN, DAMAGE DURING DEMOLITION SHALL BE REPAIRED TO CONFORM TO ORIGINAL FIRE PROTECTION REQUIREMENTS.
15. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN INSTALLATION OF NEW CONSTRUCTION SO AS TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO THE STRUCTURE OR INTERIOR AREAS OF THE EXISTING BUILDING. REMOVE TEMPORARY PROTECTIONS AT COMPLETION OF WORK.
16. REMOVE EXISTING CEILINGS AND CEILING SUPPORT SYSTEM WHERE NEW CEILINGS ARE INDICATED, UNLESS NOTED OTHERWISE.
17. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.
18. REMOVE EXISTING FINISHES AS REQUIRED AS PER FINISH MANUFACTURE'S PRINTED INSTRUCTIONS. SEE FINISH SCHEDULE FOR NEW FINISHES.
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21. COORDINATE OWNER WALK THROUGH TO IDENTIFY AL ITEMS TO BE SALVAGED FOR THE OWNER'S RE-USE. INCLUDING BUT NOT LIMITED TO MEDICAL EQUIPMENT, FRAMED DOCUMENTS, SIGNS/GRAPHIC ART, HISTORICAL COLLECTIBLES, ETC. REMOVE ITEMS THUS IDENTIFIED AND GIVE TO THE OWNER, OR STORE FOR RE-USE AT PER OWNERS DIRECTION.
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23. REMOVE ALL ROOM GRAPHICS AND ROOM SIGNAGE FROM WALLS - REMOVE GLUE FROM WALLS AND PREP FOR NEW ROOM GRAPHICS.
24. REMOVE ALL EXISTING SHELVING FROM WALLS, PREP WALLS FOR NEW PAINT - RETURN SHELVING BACK TO SPACE AFTER PAINT AND FLOORING IS COMPLETED.
24. REMOVE ALL EXISTING AWP FROM WALLS, PREP WALLS FOR NEW PAINT -RETURN AWP BACK TO SPACE AFTER PAINT IS COMPLETED.

KEYED NOTES

NUMBER	DESCRIPTION
190	REPLACE SCIENCE LAB/CLASSROOM CASEWORK PER DISTRICT STANDARDS (INCLUDE CHEMICAL RESISTANT COUNTER TOPS, WORKSTATIONS AND SINKS)
801	REMOVE AND DISPOSE OF EXISTING CASEWORK AND ACCESSORIES. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE FOR NEW CASEWORK. AT TEACHER STATIONS CAREFULLY REMOVE EYEWASH AND REINSTALL - TEST TO MAKE SURE IT IS WORKING. TYP.
802	REMOVE EXISTING PLUMBING FIXTURE, BRACKETS, AND ACCESSORIES. PATCH, REPAIR, AND CLEAN UTILITIES AND PREPARE FOR NEW PLUMBING FIXTURE. REF. PLUMBING.
803	REMOVE UNDERCOUNTER DISHWASHER AND ASSOCIATED ACCESSORIES. PROTECT AND RETURN BACK TO EXISTING LOCATION.
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS, PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
866	REMOVE EXISTING TILE & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQUIRED FOR NEW SCHEDULED FINISH
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN

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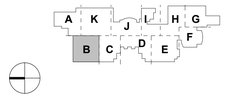

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA B

SHEET NUMBER
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USER NAME:
DATE STAMP: 12/6/2024 2:14:30 PM

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA C**
SCALE: 1/8" = 1'-0"

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DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
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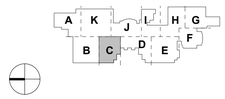
KEYPLAN



REVISION HISTORY

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PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
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SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA C

SHEET NUMBER
AD-101-C

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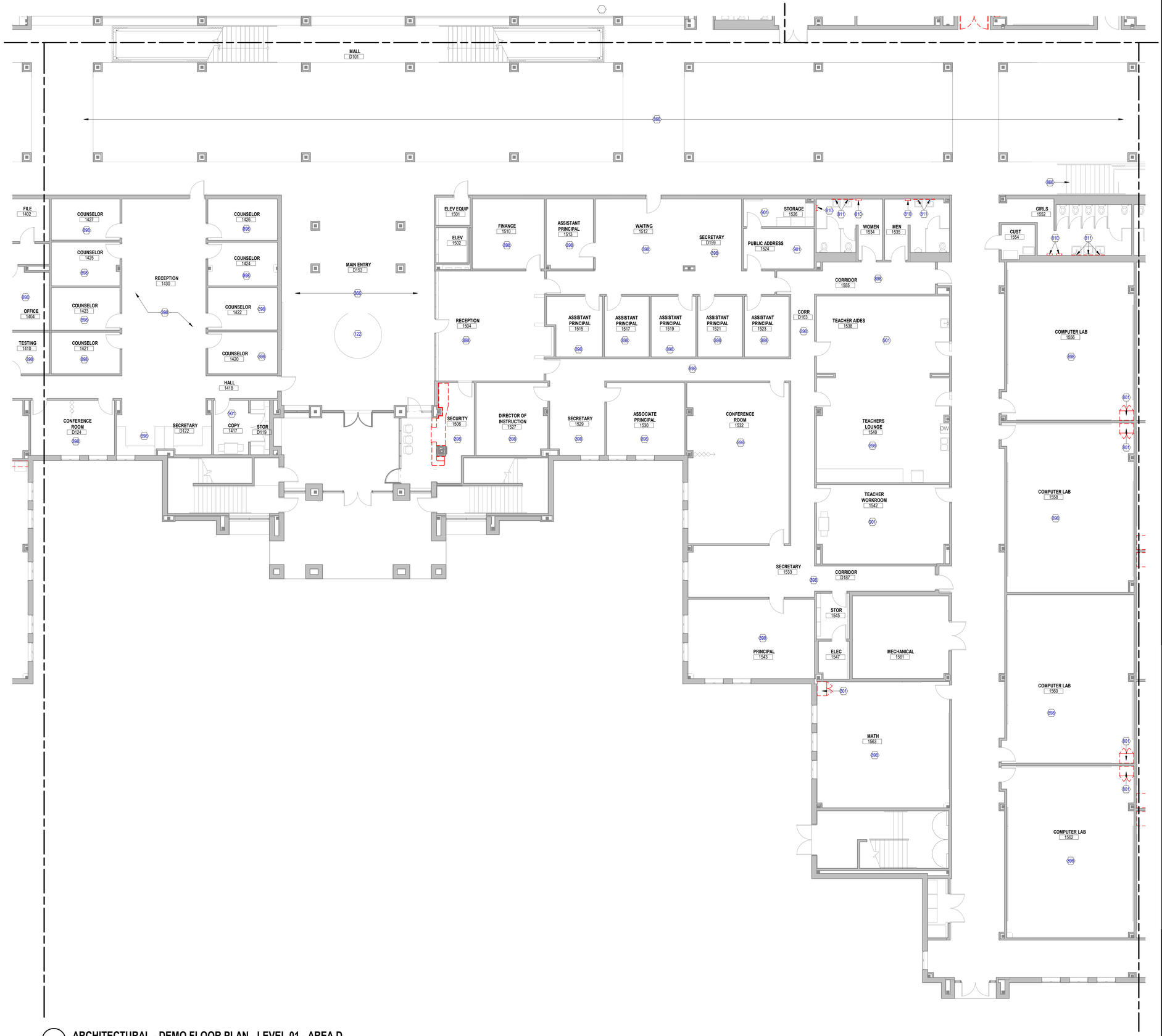

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA D**
SCALE: 1/8" = 1'-0"

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21. COORDINATE OWNER WALK THROUGH TO IDENTIFY AL ITEMS TO BE SALVAGED FOR THE OWNER'S RE-USE. INCLUDING BUT NOT LIMITED TO MEDICAL EQUIPMENT, FRAMED DOCUMENTS, SIGNS/GRAPHIC ART, HISTORICAL COLLECTIBLES, ETC. REMOVE ITEMS THUS IDENTIFIED AND GIVE TO THE OWNER, OR STORE FOR RE-USE AT PER OWNERS DIRECTION.
22. THIS PLAN IS BEING ISSUED FOR THE PURPOSE OF ASSISTING THE CONTRACTOR IN BETTER UNDERSTANDING THE PROJECT SCOPE. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILITY TO VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS.
23. REMOVE ALL ROOM GRAPHICS AND ROOM SIGNAGE FROM WALLS - REMOVE GLUE FROM WALLS AND PREP FOR NEW ROOM GRAPHICS.
24. REMOVE ALL EXISTING SHELVING FROM WALLS, PREP WALLS FOR NEW PAINT - RETURN SHELVING BACK TO SPACE AFTER PAINT AND FLOORING IS COMPLETED.
24. REMOVE ALL EXISTING AWP FROM WALLS, PREP WALLS FOR NEW PAINT -RETURN AWP BACK TO SPACE AFTER PAINT IS COMPLETED.

KEYED NOTES

NUMBER	DESCRIPTION
122	PROTECT MOSAIC GRAPHIC IN PLACE. CONTRACTOR IS RESPONSIBLE TO PROTECT AND REPAIR ANY DAMAGE TO MOSAIC GRAPHIC DURING CONSTRUCTION WORKS.
801	REMOVE AND DISPOSE OF EXISTING CASEWORK AND ACCESSORIES. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE FOR NEW CASEWORK. AT TEACHER STATIONS CAREFULLY REMOVE EYEWASH AND REINSTALL - TEST TO MAKE SURE IT IS WORKING. TYP.
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS. PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
866	REMOVE EXISTING TILE & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQUIRED FOR NEW SCHEDULED FINISH
898	REMOVE EXISTING CARPETED FLOORING. BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN

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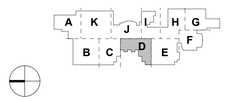
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM W. PRICE JR. 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA D

SHEET NUMBER
AD-101-D

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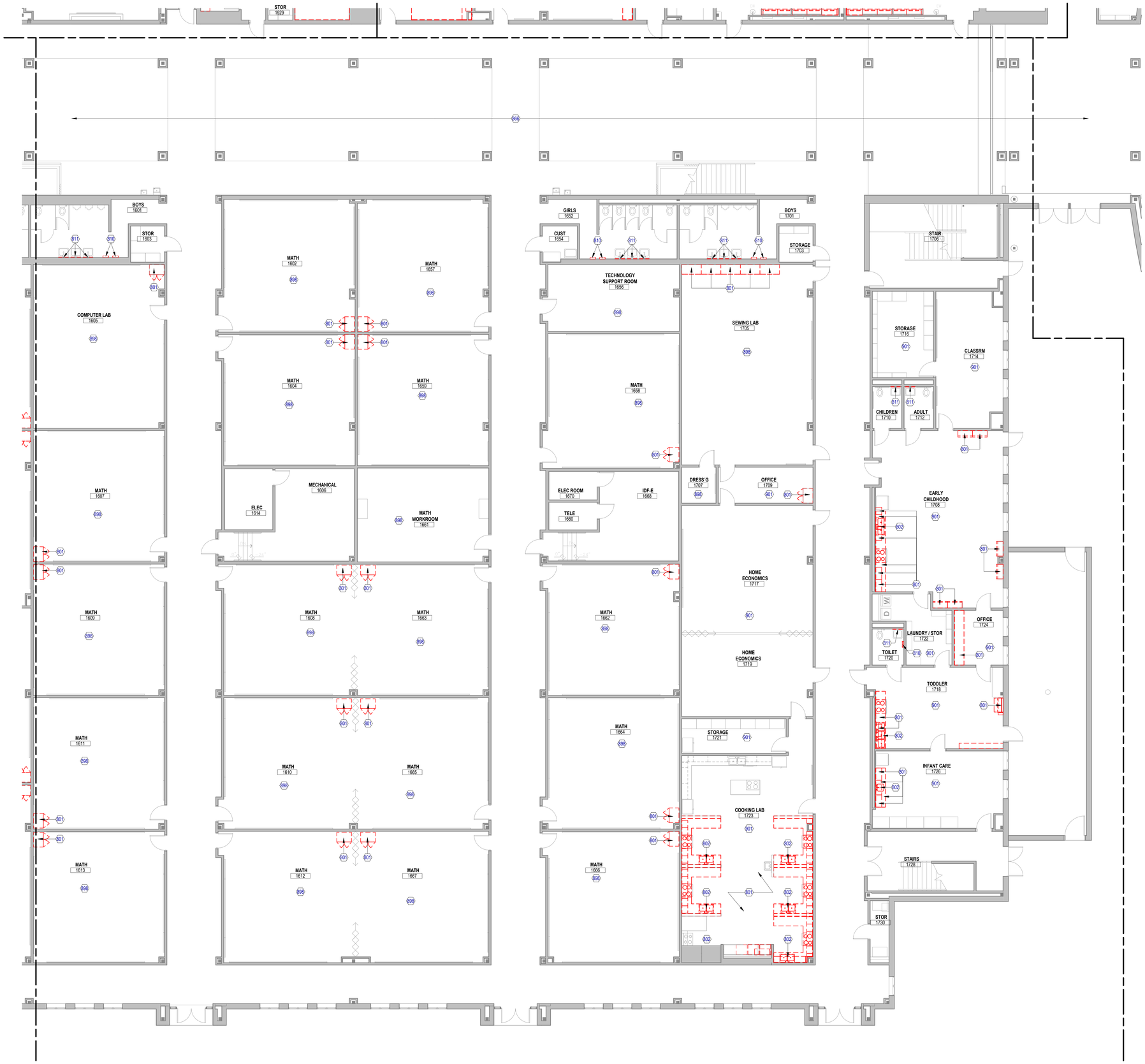

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA E**
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN GENERAL NOTES

1. COORDINATE ALL DEMOLITION FROM ALL DISCIPLINES WITH THE INFORMATION PROVIDED ON CONTRACT DOCUMENTS.
2. ALL MATERIAL TO BE DEMOLISHED AND REMOVED SHALL BE DISPOSED OF AS APPROVED BY LOCAL ORDINANCE AND CODES.
3. THE EXISTING AREAS TO REMAIN SHALL BE PROTECTED. ALL DAMAGE RESULTING FROM WORK IN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE. CAREFULLY DISMANTLE AND REMOVE MATERIALS SHOWN ON PLANS TO BE DEMOLISHED. NOTIFY ARCHITECT PRIOR TO CONSTRUCTION OF ANY DEMOLITION WORK THAT MAY DAMAGE THE INTEGRITY OF ANY MATERIALS WHICH ARE TO REMAIN AS EXISTING.
4. PARTS OF THIS BUILDING WILL BE ACTIVE, THE CONTRACTOR SHALL COORDINATE ALL SYSTEM SHUT DOWNS WITH THE FACILITY MANAGER. THE CONTRACTOR SHALL INFORM THE FACILITY MANAGER OF SCHEDULE, DURATION AND AREAS AFFECTED AND SHALL RECEIVE OWNER APPROVAL PRIOR TO SHUT DOWN COMMENCEMENT.
5. THE PREMISES IN WHICH WORK IS BEING PERFORMED SHALL BE KEPT CLEAN AT ALL TIMES.
6. EXISTING CONCRETE SLABS INTENDED TO REMAIN SHALL BE REPAIRED AND FLOATED LEVEL W/ SURROUNDING SLABS AND PREPARED TO RECEIVE NEW FINISH.
7. DOORS, FRAMES, HARDWARE, PLUMBING AND ELECTRICAL DEVICES AND FIXTURES, ETC. NOT REUSED SHALL BE DELIVERED TO OWNER, COORDINATE THIS WITH THE OWNER.
8. REMOVE ALL CONDUCTORS, CONDUIT AND BOXES BACK TO PANEL IN RENOVATED AREA REMOVE ALL RELATED STRAPS AND HANGERS - RE: ELECTRICAL DRAWINGS FOR MORE INFORMATION.
9. REMOVE ALL PLUMBING FROM RENOVATED AREA TO NEAREST JUNCTURE WHERE THE LINE IS STILL USED AND CAP. REMOVE RELATED UNUSED STRAPS AND HANGERS, RE: PLUMBING DRAWINGS FOR MORE INFORMATION. PLUMBING LINE SERVING OTHER AREAS SHALL BE KEPT. CONTRACTOR IS TO VERIFY PLUMBING LINES PRIOR TO DEMOLITION. RE: PLUMBING DRAWINGS FOR MORE INFORMATION.
10. REMOVE ALL HVAC DUCTWORK IN RENOVATED AREA TO NEAREST JUNCTURE WHERE THE DUCT IS STILL IN USE AND CAP AS REQUIRED. REMOVE ALL RELATED STRAPS AND HANGERS. RE: MECHANICAL DRAWINGS FOR MORE INFORMATION.
11. DURING CONSTRUCTION, MAINTAIN NEGATIVE AIR PRESSURE ON CONSTRUCTION ZONE WHILE MAINTAINING POSITIVE PRESSURE ON THE NON-CONSTRUCTION ZONE.
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14. PROTECT EXISTING FIRE PROOFING OR FIRE ASSEMBLIES INDICATED TO REMAIN, DAMAGE DURING DEMOLITION SHALL BE REPAIRED TO CONFORM TO ORIGINAL FIRE PROTECTION REQUIREMENTS.
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16. REMOVE EXISTING CEILINGS AND CEILING SUPPORT SYSTEM WHERE NEW CEILINGS ARE INDICATED, UNLESS NOTED OTHERWISE.
17. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.
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KEYED NOTES

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802	REMOVE EXISTING PLUMBING FIXTURE, BRACKETS, AND ACCESSORIES. PATCH, REPAIR, AND CLEAN UTILITIES AND PREPARE FOR NEW PLUMBING FIXTURE. REF, PLUMBING.
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
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DEMOLITION PLAN LEGEND

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	AREA OF DEMOLITION
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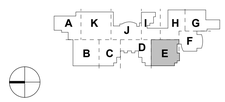

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23021	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA E

SHEET NUMBER
AD-101-E

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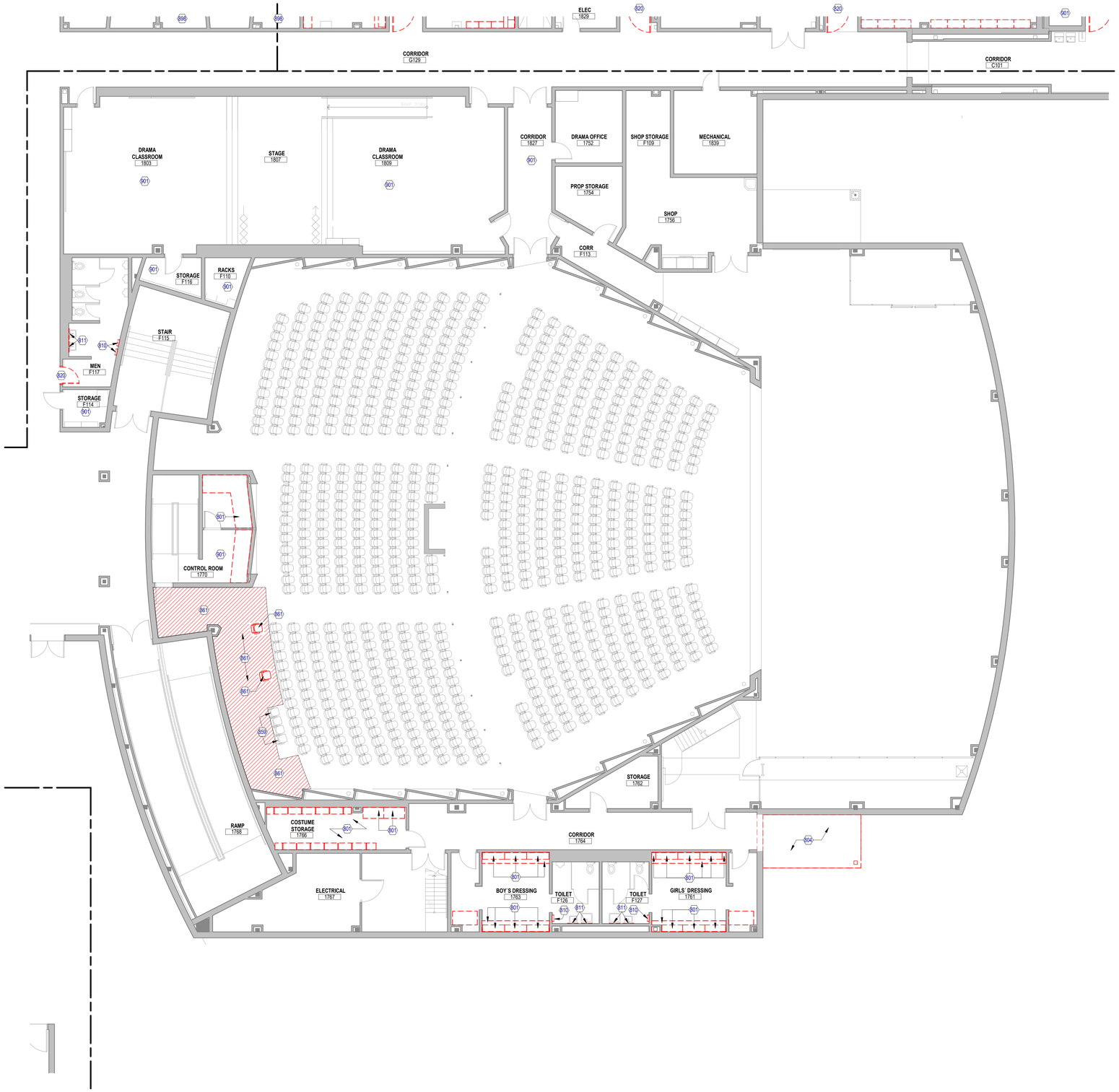

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA F**
SCALE: 1/8" = 1'-0"

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KEYED NOTES

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804	REMOVE EXISTING CANOPY AND COLUMNS. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE NEW INTERVENTION.
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS, PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
820	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS), AUTOSHOP
859	EXISTING AUDITORIUM CHAIRS SHALL BE PROTECTED FROM DAMAGE DURING FLOOR FINISH DEMO AND INSTALL.
861	CAREFULLY REMOVE EXISTING AUDITORIUM CHAIR. SALVAGE, INVENTORY AND PROTECT CHAIR FOR REINSTALL AT NEW LOCATION. ZONE INDICATES PREP AREA FOR PORTION OF SLAB DEMO, NEW CONTROL BOOTH, AND UTILITY ROUGH-IN INSTALLATION. REMOVE EXISTING FLOOR FINISH. REFER TO PLANS, MEPT, AND A/V DWGS.
898	REMOVE EXISTING CARPETED FLOORING BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
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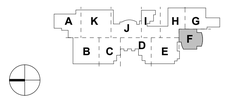

REVISION HISTORY

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PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

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2024 CY RIDGE HS RENOVATION
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33AC23221	CFISD
DRAWN BY	**CHECKED BY**
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ORIGINAL ISSUE
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ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA F

SHEET NUMBER
AD-101-F

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-AW-R23.rvt
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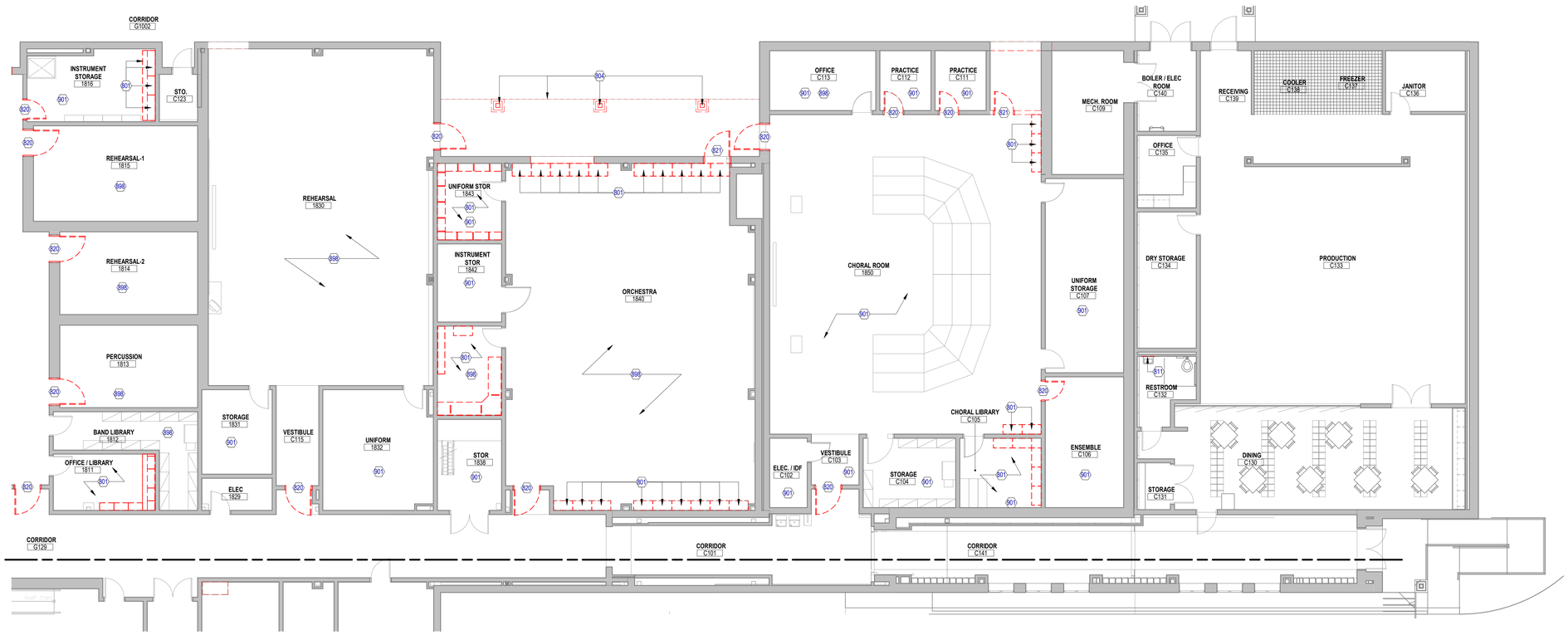

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA G**
SCALE: 1/8" = 1'-0"

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
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DATE & TIME: 12/26/2024 2:15:16 PM

DEMOLITION PLAN GENERAL NOTES

1. COORDINATE ALL DEMOLITION FROM ALL DISCIPLINES WITH THE INFORMATION PROVIDED ON CONTRACT DOCUMENTS.
2. ALL MATERIAL TO BE DEMOLISHED AND REMOVED SHALL BE DISPOSED OF AS APPROVED BY LOCAL ORDINANCE AND CODES.
3. THE EXISTING AREAS TO REMAIN SHALL BE PROTECTED. ALL DAMAGE RESULTING FROM WORK IN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE. CAREFULLY DISMANTLE AND REMOVE MATERIALS SHOWN ON PLANS TO BE DEMOLISHED. NOTIFY ARCHITECT PRIOR TO CONSTRUCTION OF ANY DEMOLITION WORK THAT MAY DAMAGE THE INTEGRITY OF ANY MATERIALS WHICH ARE TO REMAIN AS EXISTING.
4. PARTS OF THIS BUILDING WILL BE ACTIVE, THE CONTRACTOR SHALL COORDINATE ALL SYSTEM SHUT DOWNS WITH THE FACILITY MANAGER. THE CONTRACTOR SHALL INFORM THE FACILITY MANAGER OF SCHEDULE, DURATION AND AREAS AFFECTED AND SHALL RECEIVE OWNER APPROVAL PRIOR TO SHUT DOWN COMMENCEMENT.
5. THE PREMISES IN WHICH WORK IS BEING PERFORMED SHALL BE KEPT CLEAN AT ALL TIMES.
6. EXISTING CONCRETE SLABS INTENDED TO REMAIN SHALL BE REPAIRED AND FLOATED LEVEL W/ SURROUNDING SLABS AND PREPARED TO RECEIVE NEW FINISH.
7. DOORS, FRAMES, HARDWARE, PLUMBING AND ELECTRICAL DEVICES AND FIXTURES, ETC. NOT REUSED SHALL BE DELIVERED TO OWNER, COORDINATE THIS WITH THE OWNER.
8. REMOVE ALL CONDUCTORS, CONDUIT AND BOXES BACK TO PANEL IN RENOVATED AREA REMOVE ALL RELATED STRAPS AND HANGERS - RE: ELECTRICAL DRAWINGS FOR MORE INFORMATION.
9. REMOVE ALL PLUMBING FROM RENOVATED AREA TO NEAREST JUNCTURE WHERE THE LINE IS STILL USED AND CAP. REMOVE RELATED UNUSED STRAPS AND HANGERS, RE: PLUMBING DRAWINGS FOR MORE INFORMATION. PLUMBING LINE SERVING OTHER AREAS SHALL BE KEPT. CONTRACTOR IS TO VERIFY PLUMBING LINES PRIOR TO DEMOLITION. RE: PLUMBING DRAWINGS FOR MORE INFORMATION.
10. REMOVE ALL HVAC DUCTWORK IN RENOVATED AREA TO NEAREST JUNCTURE WHERE THE DUCT IS STILL IN USE AND CAP AS REQUIRED. REMOVE ALL RELATED STRAPS AND HANGERS. RE: MECHANICAL DRAWINGS FOR MORE INFORMATION.
11. DURING CONSTRUCTION, MAINTAIN NEGATIVE AIR PRESSURE ON CONSTRUCTION ZONE WHILE MAINTAINING POSITIVE PRESSURE ON THE NON-CONSTRUCTION ZONE.
12. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE. IDENTIFY AND PROTECT AGAINST DAMAGE DURING DEMOLITION. THE CONTRACTOR IS TO REFERENCE THE CIVIL DOCUMENTS AND TO NOTIFY THE OWNER, ARCHITECT, AND CIVIL ENGINEER IF ANY UTILITIES ARE UNCOVERED DURING THE DEMOLITION PHASE THAT ARE NOT IDENTIFIED IN THE DOCUMENTS PROVIDED.
13. RELOCATE ROOF DRAINS ALONG THE DEMOLITION LINE. RELOCATE AND RESLOPE ROOF TO NEW DRAIN LOCATIONS.
14. PROTECT EXISTING FIRE PROOFING OR FIRE ASSEMBLIES INDICATED TO REMAIN, DAMAGE DURING DEMOLITION SHALL BE REPAIRED TO CONFORM TO ORIGINAL FIRE PROTECTION REQUIREMENTS.
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18. REMOVE EXISTING FINISHES AS REQUIRED AS PER FINISH MANUFACTURE'S PRINTED INSTRUCTIONS. SEE FINISH SCHEDULE FOR NEW FINISHES.
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21. COORDINATE OWNER WALK THROUGH TO IDENTIFY AL ITEMS TO BE SALVAGED FOR THE OWNER'S RE-USE. INCLUDING BUT NOT LIMITED TO MEDICAL EQUIPMENT, FRAMED DOCUMENTS, SIGNS/GRAPHIC ART, HISTORICAL COLLECTIBLES, ETC. REMOVE ITEMS THUS IDENTIFIED AND GIVE TO THE OWNER, OR STORE FOR RE-USE AT PER OWNERS DIRECTION.
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23. REMOVE ALL ROOM GRAPHICS AND ROOM SIGNAGE FROM WALLS - REMOVE GLUE FROM WALLS AND PREP FOR NEW ROOM GRAPHICS.
24. REMOVE ALL EXISTING SHELVING FROM WALLS, PREP WALLS FOR NEW PAINT - RETURN SHELVING BACK TO SPACE AFTER PAINT AND FLOORING IS COMPLETED.
24. REMOVE ALL EXISTING AWP FROM WALLS, PREP WALLS FOR NEW PAINT -RETURN AWP BACK TO SPACE AFTER PAINT IS COMPLETED.

KEYED NOTES

NUMBER	DESCRIPTION
801	REMOVE AND DISPOSE OF EXISTING CASEWORK AND ACCESSORIES. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE FOR NEW CASEWORK. AT TEACHER STATIONS CAREFULLY REMOVE EYEWASH AND REINSTALL - TEST TO MAKE SURE IT IS WORKING. TYP.
804	REMOVE EXISTING CANOPY AND COLUMNS. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE NEW INTERVENTION.
811	REMOVE EXISTING MIRRORS, PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
820	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS). AUTOSHOP
821	REMOVE EXISTING DOOR AND PATCH, REPAIR AND CLEAN SPACE TO PREPARE NEW INTERVENTION.
898	REMOVE EXISTING CARPETED FLOORING BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN

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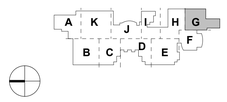
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA G

SHEET NUMBER
AD-101-G

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA H**
SCALE: 1/8" = 1'-0"

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KEYED NOTES

NUMBER	DESCRIPTION
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
801	REMOVE AND DISPOSE OF EXISTING CASEWORK AND ACCESSORIES. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE FOR NEW CASEWORK. AT TEACHER STATIONS CAREFULLY REMOVE EYEWASH AND REINSTALL - TEST TO MAKE SURE IT IS WORKING. TYP.
802	REMOVE EXISTING PLUMBING FIXTURE, BRACKETS, AND ACCESSORIES. PATCH, REPAIR, AND CLEAN UTILITIES AND PREPARE FOR NEW PLUMBING FIXTURE. REF, PLUMBING.
806	REMOVE EXISTING SOFFIT AND CEILING. PATCH, REPAIR AND CLEAN WALL TO PREPARE NEW INTERVENTION.
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS. PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
820	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS), AUTOSHOP
822	GC SHALL COORDINATE WITH CERAMICS STORE OF HOUSTON FOR THE CAREFUL REMOVAL AND RELOCATION OF EXISTING KILNS. REFER TO MANUFACTURER AND DISTRICT STANDARDS. REFERENCE PLANS FOR NEW LOCATION. REMOVE EXISTING MEP COMPONENTS FOR KILN AND PREP AREA FOR MODIFICATION TO A NEW CORRIDOR. REFER TO MEP FOR ADDITIONAL DETAILS.
898	REMOVE EXISTING CARPETED FLOORING. BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

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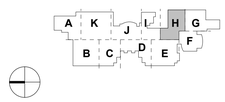
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
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DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
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SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA H

SHEET NUMBER
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1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA I**
SCALE: 1/8" = 1'-0"

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24. REMOVE ALL EXISTING AWP FROM WALLS, PREP WALLS FOR NEW PAINT -RETURN AWP BACK TO SPACE AFTER PAINT IS COMPLETED.

KEYED NOTES

NUMBER	DESCRIPTION
801	REMOVE AND DISPOSE OF EXISTING CASEWORK AND ACCESSORIES. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE FOR NEW CASEWORK. AT TEACHER STATIONS CAREFULLY REMOVE EYEWASH AND REINSTALL - TEST TO MAKE SURE IT IS WORKING. TYP.
802	REMOVE EXISTING PLUMBING FIXTURE, BRACKETS, AND ACCESSORIES. PATCH, REPAIR, AND CLEAN UTILITIES AND PREPARE FOR NEW PLUMBING FIXTURE. REF, PLUMBING.
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS. PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
820	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS), AUTOSHOP
866	REMOVE EXISTING TILE & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQUIRED FOR NEW SCHEDULED FINISH
898	REMOVE EXISTING CARPETED FLOORING. BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN

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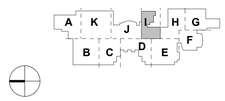
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

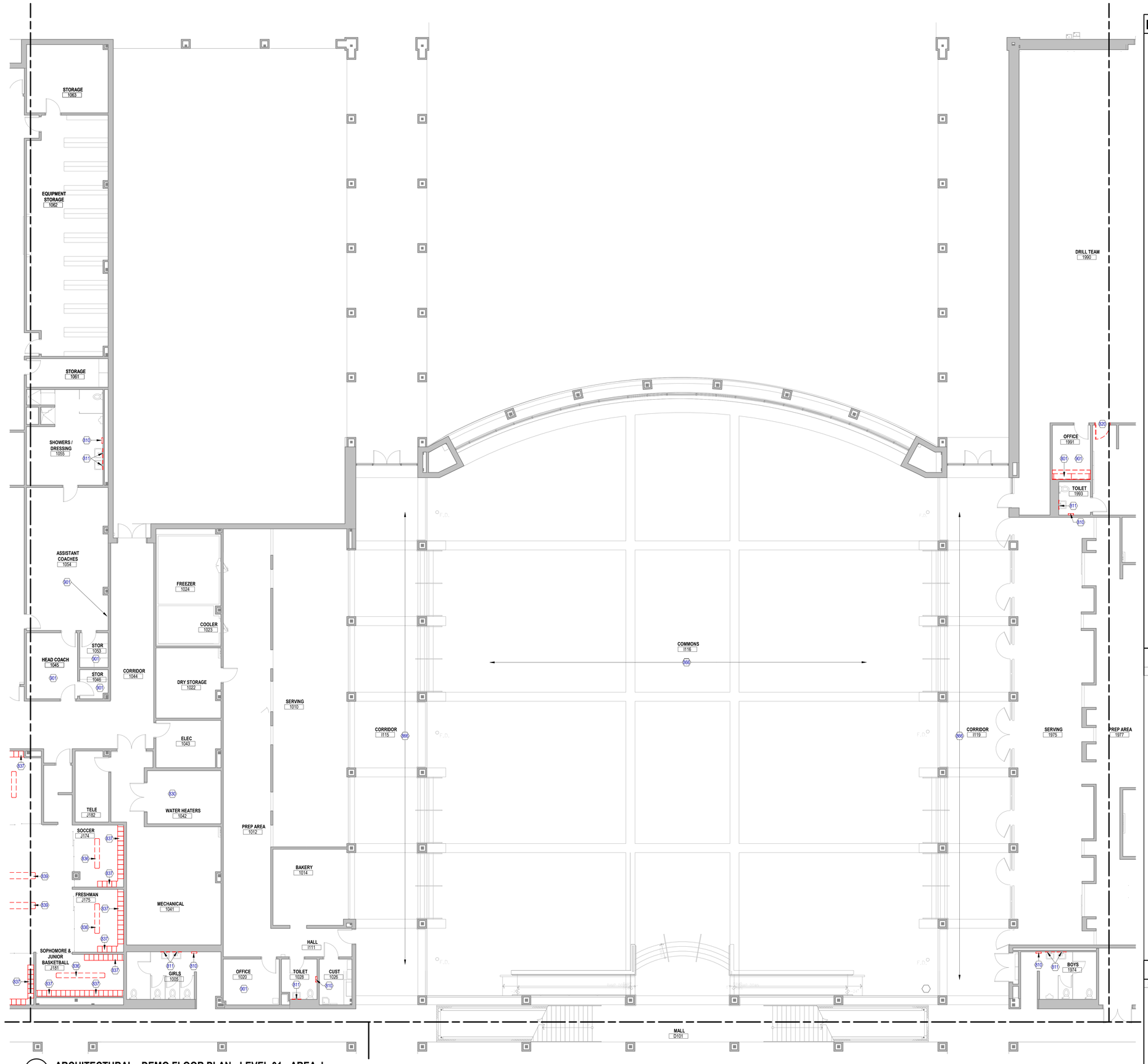
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA I

SHEET NUMBER
AD-101-I



1 ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA J
SCALE: 1/8" = 1'-0"

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-AW-R23.rvt
USER NAME:
DATE & TIME: 12/6/2024 2:15:43 PM

DEMOLITION PLAN GENERAL NOTES

1. COORDINATE ALL DEMOLITION FROM ALL DISCIPLINES WITH THE INFORMATION PROVIDED ON CONTRACT DOCUMENTS.
2. ALL MATERIAL TO BE DEMOLISHED AND REMOVED SHALL BE DISPOSED OF AS APPROVED BY LOCAL ORDINANCE AND CODES.
3. THE EXISTING AREAS TO REMAIN SHALL BE PROTECTED. ALL DAMAGE RESULTING FROM WORK IN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE. CAREFULLY DISMANTLE AND REMOVE MATERIALS SHOWN ON PLANS TO BE DEMOLISHED. NOTIFY ARCHITECT PRIOR TO CONSTRUCTION OF ANY DEMOLITION WORK THAT MAY DAMAGE THE INTEGRITY OF ANY MATERIALS WHICH ARE TO REMAIN AS EXISTING.
4. PARTS OF THIS BUILDING WILL BE ACTIVE, THE CONTRACTOR SHALL COORDINATE ALL SYSTEM SHUT DOWNS WITH THE FACILITY MANAGER. THE CONTRACTOR SHALL INFORM THE FACILITY MANAGER OF SCHEDULE, DURATION AND AREAS AFFECTED AND SHALL RECEIVE OWNER APPROVAL PRIOR TO SHUT DOWN COMMENCEMENT.
5. THE PREMISES IN WHICH WORK IS BEING PERFORMED SHALL BE KEPT CLEAN AT ALL TIMES.
6. EXISTING CONCRETE SLABS INTENDED TO REMAIN SHALL BE REPAIRED AND FLOATED LEVEL W/ SURROUNDING SLABS AND PREPARED TO RECEIVE NEW FINISH.
7. DOORS, FRAMES, HARDWARE, PLUMBING AND ELECTRICAL DEVICES AND FIXTURES, ETC. NOT REUSED SHALL BE DELIVERED TO OWNER, COORDINATE THIS WITH THE OWNER.
8. REMOVE ALL CONDUCTORS, CONDUIT AND BOXES BACK TO PANEL IN RENOVATED AREA REMOVE ALL RELATED STRAPS AND HANGERS - RE: ELECTRICAL DRAWINGS FOR MORE INFORMATION.
9. REMOVE ALL PLUMBING FROM RENOVATED AREA TO NEAREST JUNCTURE WHERE THE LINE IS STILL USED AND CAP. REMOVE RELATED UNUSED STRAPS AND HANGERS, RE: PLUMBING DRAWINGS FOR MORE INFORMATION. PLUMBING LINE SERVING OTHER AREAS SHALL BE KEPT. CONTRACTOR IS TO VERIFY PLUMBING LINES PRIOR TO DEMOLITION. RE: PLUMBING DRAWINGS FOR MORE INFORMATION.
10. REMOVE ALL HVAC DUCTWORK IN RENOVATED AREA TO NEAREST JUNCTURE WHERE THE DUCT IS STILL IN USE AND CAP AS REQUIRED. REMOVE ALL RELATED STRAPS AND HANGERS. RE: MECHANICAL DRAWINGS FOR MORE INFORMATION.
11. DURING CONSTRUCTION, MAINTAIN NEGATIVE AIR PRESSURE ON CONSTRUCTION ZONE WHILE MAINTAINING POSITIVE PRESSURE ON THE NON-CONSTRUCTION ZONE.
12. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE. IDENTIFY AND PROTECT AGAINST DAMAGE DURING DEMOLITION. THE CONTRACTOR IS TO REFERENCE THE CIVIL DOCUMENTS AND TO NOTIFY THE OWNER, ARCHITECT, AND CIVIL ENGINEER IF ANY UTILITIES ARE UNCOVERED DURING THE DEMOLITION PHASE THAT ARE NOT IDENTIFIED IN THE DOCUMENTS PROVIDED.
13. RELOCATE ROOF DRAINS ALONG THE DEMOLITION LINE. RELOCATE AND RESLOPE ROOF TO NEW DRAIN LOCATIONS.
14. PROTECT EXISTING FIRE PROOFING OR FIRE ASSEMBLIES INDICATED TO REMAIN, DAMAGE DURING DEMOLITION SHALL BE REPAIRED TO CONFORM TO ORIGINAL FIRE PROTECTION REQUIREMENTS.
15. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN INSTALLATION OF NEW CONSTRUCTION SO AS TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO THE STRUCTURE OR INTERIOR AREAS OF THE EXISTING BUILDING. REMOVE TEMPORARY PROTECTIONS AT COMPLETION OF WORK.
16. REMOVE EXISTING CEILINGS AND CEILING SUPPORT SYSTEM WHERE NEW CEILINGS ARE INDICATED, UNLESS NOTED OTHERWISE.
17. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.
18. REMOVE EXISTING FINISHES AS REQUIRED AS PER FINISH MANUFACTURE'S PRINTED INSTRUCTIONS. SEE FINISH SCHEDULE FOR NEW FINISHES.
19. AREA OR OBJECTS IDENTIFIED AS "EXISTING TO REMAIN" OR " NOT IN CONTRACT" - "N.I.C." SHALL BE PROTECTED . ALL DAMAGE TO THESE AREAS RESULTING FROM DEMOLITION WORK WITHIN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE.
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21. COORDINATE OWNER WALK THROUGH TO IDENTIFY AL ITEMS TO BE SALVAGED FOR THE OWNER'S RE-USE. INCLUDING BUT NOT LIMITED TO MEDICAL EQUIPMENT, FRAMED DOCUMENTS, SIGNS/GRAPHIC ART, HISTORICAL COLLECTIBLES, ETC. REMOVE ITEMS THUS IDENTIFIED AND GIVE TO THE OWNER, OR STORE FOR RE-USE AT PER OWNERS DIRECTION.
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24. REMOVE ALL EXISTING AWP FROM WALLS, PREP WALLS FOR NEW PAINT -RETURN AWP BACK TO SPACE AFTER PAINT IS COMPLETED.

KEYED NOTES

NUMBER	DESCRIPTION
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810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS, PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
820	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS), AUTOSHOP
830	REMOVE EXISTING MECHANICAL EQUIPMENTS. REFER; MEP DRAWINGS.
836	CAREFULLY REMOVE AND SALVAGE EXISTING LOCKER ROOM BENCH. LABEL, INVENTORY, INSPECT AND PROTECT THE EXISTING BENCH FOR REINSTALLATION. REFER TO PLANS FOR ADDITIONAL DETAILS.
837	REMOVE EXISTING ATHLETIC LOCKERS AND LOCKER INFILL PANELS. PREP AREA TO RECEIVE NEW ATHLETIC LOCKERS. REFER TO PLANS FOR ADDITIONAL DETAILS.
839	REMOVE EXISTING LOCKER ROOM BENCH. PREP AREA TO RECEIVE NEW LOCKER ROOM BENCH.
866	REMOVE EXISTING TILE & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQUIRED FOR NEW SCHEDULED FINISH
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN

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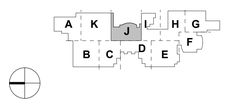
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM W. PRIDE 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA J

SHEET NUMBER
AD-101-J

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 01 - AREA K**
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN GENERAL NOTES

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24. REMOVE ALL EXISTING AWP FROM WALLS, PREP WALLS FOR NEW PAINT -RETURN AWP BACK TO SPACE AFTER PAINT IS COMPLETED.

KEYED NOTES

NUMBER	DESCRIPTION
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS, PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR
812	PREP GYM FLOOR FOR REFINISHING AND RESTRIPING. PROTECT GYM STRUCTURE, HVAC SYSTEMS AND COILS, EQUIPMENT, AND BLEACHERS DURING CONSTRUCTION. CLEAN AREA UNDER EXTENDED BLEACHERS, UPON COMPLETION OF NEW WORK. PROVIDE TEMPORARY AIR FILTERS FOR AIR HANDLERS DURING CONSTRUCTION.
815	REMOVE ALL WALL PADS AND PROTECTS. REINSTALL IN SAME LOCATION AFTER PAINTING.
820	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS), AUTOSHOP
826	REMOVE EXISTING SCOREBOARD. PREP TO RECEIVE NEW SCOREBOARD.
827	REMOVE EXISTING SOUND SYSTEM. PREP AREA TO RECEIVE NEW SOUND SYSTEM. REFER TO TECHNOLOGY FOR ADDITIONAL DETAILS.
836	CAREFULLY REMOVE AND SALVAGE EXISTING LOCKER ROOM BENCH. LABEL, INVENTORY, INSPECT AND PROTECT THE EXISTING BENCH FOR REINSTALLATION. REFER TO PLANS FOR ADDITIONAL DETAILS.
837	REMOVE EXISTING ATHLETIC LOCKERS AND LOCKER INFILL PANELS. PREP AREA TO RECEIVE NEW ATHLETIC LOCKERS. REFER TO PLANS FOR ADDITIONAL DETAILS.
839	REMOVE EXISTING LOCKER ROOM BENCH. PREP AREA TO RECEIVE NEW LOCKER ROOM BENCH.
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
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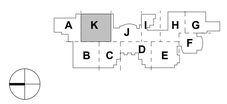
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01 - AREA K

SHEET NUMBER
AD-101-K

FILE PATH: Autodesk Docs://33AC25221 CFISD - Cy Ridge HS Renovation/33AC25221-A-NW-RD3.rvt
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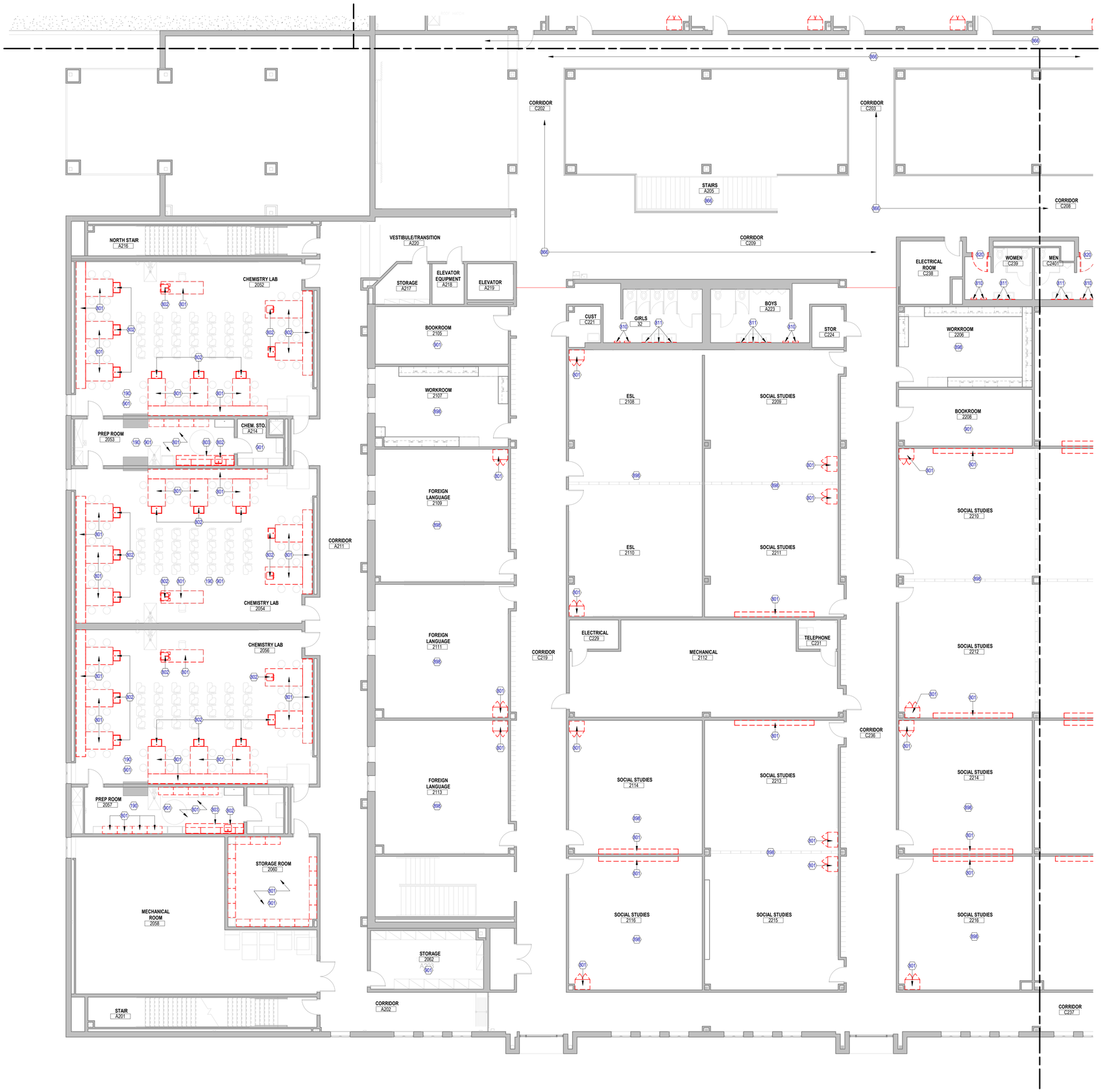

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 02 - AREA B**
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4. PARTS OF THIS BUILDING WILL BE ACTIVE, THE CONTRACTOR SHALL COORDINATE ALL SYSTEM SHUT DOWNS WITH THE FACILITY MANAGER. THE CONTRACTOR SHALL INFORM THE FACILITY MANAGER OF SCHEDULE, DURATION AND AREAS AFFECTED AND SHALL RECEIVE OWNER APPROVAL PRIOR TO SHUT DOWN COMMENCEMENT.
5. THE PREMISES IN WHICH WORK IS BEING PERFORMED SHALL BE KEPT CLEAN AT ALL TIMES.
6. EXISTING CONCRETE SLABS INTENDED TO REMAIN SHALL BE REPAIRED AND FLOATED LEVEL W/ SURROUNDING SLABS AND PREPARED TO RECEIVE NEW FINISH.
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11. DURING CONSTRUCTION, MAINTAIN NEGATIVE AIR PRESSURE ON CONSTRUCTION ZONE WHILE MAINTAINING POSITIVE PRESSURE ON THE NON-CONSTRUCTION ZONE.
12. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE. IDENTIFY AND PROTECT AGAINST DAMAGE DURING DEMOLITION. THE CONTRACTOR IS TO REFERENCE THE CIVIL DOCUMENTS AND TO NOTIFY THE OWNER, ARCHITECT, AND CIVIL ENGINEER IF ANY UTILITIES ARE UNCOVERED DURING THE DEMOLITION PHASE THAT ARE NOT IDENTIFIED IN THE DOCUMENTS PROVIDED.
13. RELOCATE ROOF DRAINS ALONG THE DEMOLITION LINE. RELOCATE AND RESLOPE ROOF TO NEW DRAIN LOCATIONS.
14. PROTECT EXISTING FIRE PROOFING OR FIRE ASSEMBLIES INDICATED TO REMAIN, DAMAGE DURING DEMOLITION SHALL BE REPAIRED TO CONFORM TO ORIGINAL FIRE PROTECTION REQUIREMENTS.
15. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN INSTALLATION OF NEW CONSTRUCTION SO AS TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO THE STRUCTURE OR INTERIOR AREAS OF THE EXISTING BUILDING. REMOVE TEMPORARY PROTECTIONS AT COMPLETION OF WORK.
16. REMOVE EXISTING CEILINGS AND CEILING SUPPORT SYSTEM WHERE NEW CEILINGS ARE INDICATED, UNLESS NOTED OTHERWISE.
17. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL. INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.
18. REMOVE EXISTING FINISHES AS REQUIRED AS PER FINISH MANUFACTURE'S PRINTED INSTRUCTIONS. SEE FINISH SCHEDULE FOR NEW FINISHES.
19. AREA OR OBJECTS IDENTIFIED AS "EXISTING TO REMAIN" OR " NOT IN CONTRACT" - "N.I.C." SHALL BE PROTECTED . ALL DAMAGE TO THESE AREAS RESULTING FROM DEMOLITION WORK WITHIN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE.
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23. REMOVE ALL ROOM GRAPHICS AND ROOM SIGNAGE FROM WALLS - REMOVE GLUE FROM WALLS AND PREP FOR NEW ROOM GRAPHICS.
24. REMOVE ALL EXISTING SHELVING FROM WALLS, PREP WALLS FOR NEW PAINT - RETURN SHELVING BACK TO SPACE AFTER PAINT AND FLOORING IS COMPLETED.
24. REMOVE ALL EXISTING AWP FROM WALLS, PREP WALLS FOR NEW PAINT -RETURN AWP BACK TO SPACE AFTER PAINT IS COMPLETED.

KEYED NOTES

NUMBER	DESCRIPTION
190	REPLACE SCIENCE LAB/CLASSROOM CASEWORK PER DISTRICT STANDARDS (INCLUDE CHEMICAL RESISTANT COUNTER TOPS, WORKSTATIONS AND SINKS)
801	REMOVE AND DISPOSE OF EXISTING CASEWORK AND ACCESSORIES. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE FOR NEW CASEWORK. AT TEACHER STATIONS CAREFULLY REMOVE EYEWASH AND REINSTALL - TEST TO MAKE SURE IT IS WORKING. TYP.
802	REMOVE EXISTING PLUMBING FIXTURE, BRACKETS, AND ACCESSORIES. PATCH, REPAIR, AND CLEAN UTILITIES AND PREPARE FOR NEW PLUMBING FIXTURE. REF, PLUMBING.
803	REMOVE UNDERCOUNTER DISHWASHER AND ASSOCIATED ACCESSORIES. PROTECT AND RETURN BACK TO EXISTING LOCATION.
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS, PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
820	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS). AUTOSHOP
866	REMOVE EXISTING TILE & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQUIRED FOR NEW SCHEDULED FINISH
898	REMOVE EXISTING CARPETED FLOORING BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN

Page/

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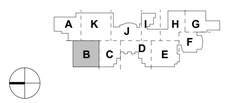
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 02 AREA B

SHEET NUMBER
AD-102-B

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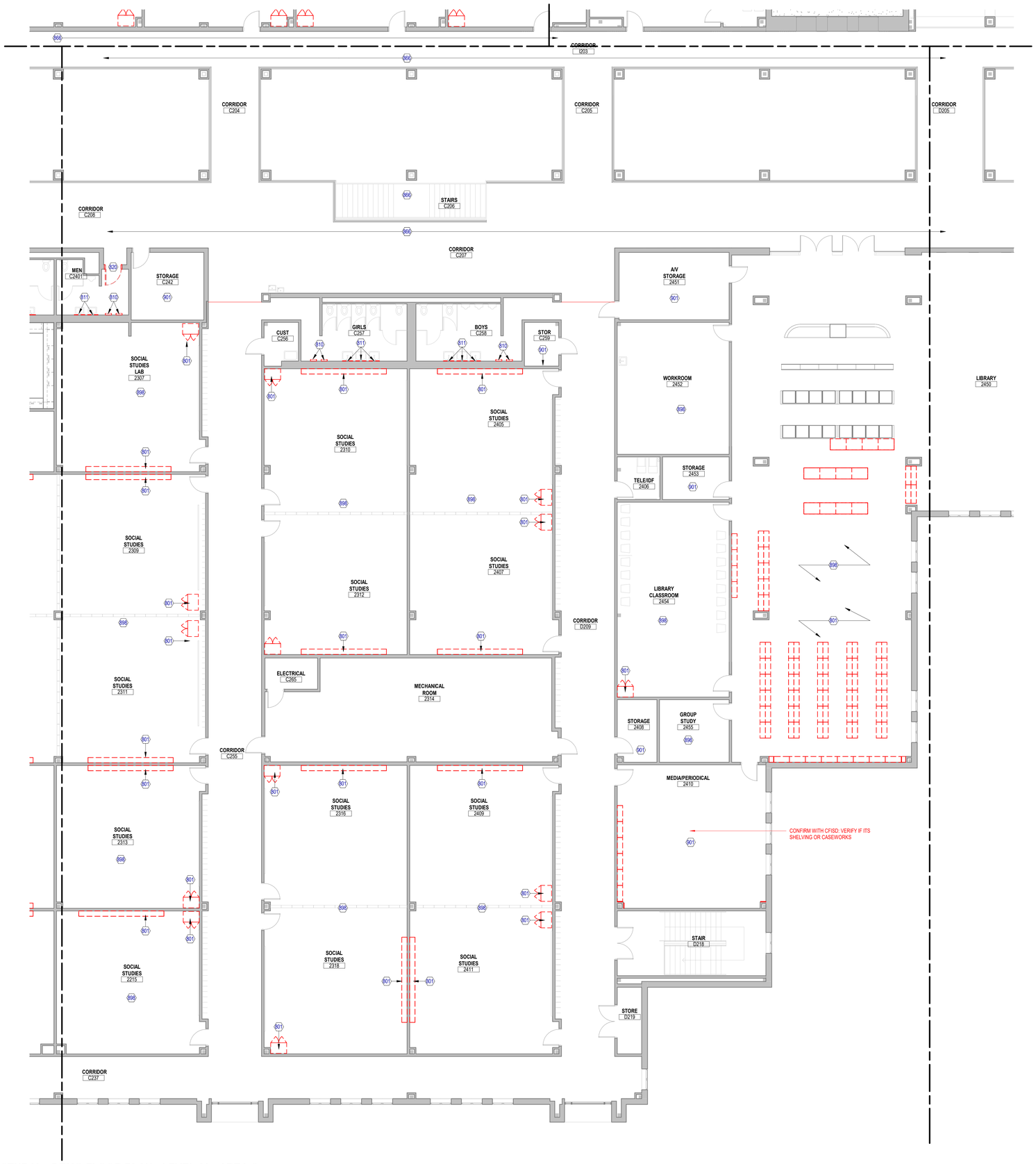

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 02 - AREA C**
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN GENERAL NOTES

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KEYED NOTES

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DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN

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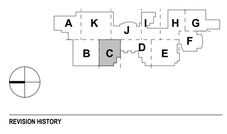
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23021	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 02 AREA C

SHEET NUMBER
AD-102-C

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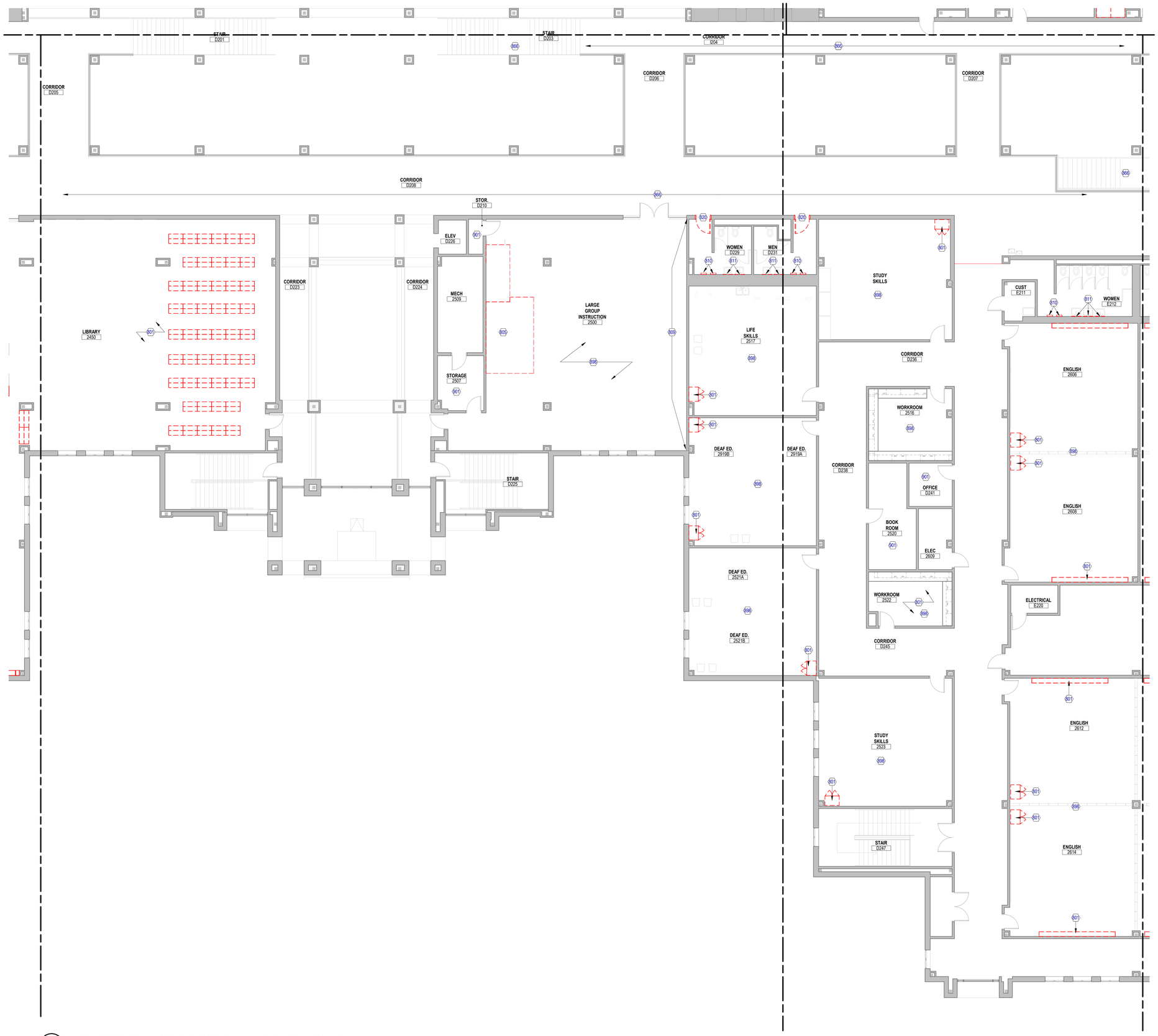

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 02 - AREA D**
SCALE: 1/8" = 1'-0"

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805	REMOVE EXISTING STAGE AND RAMP. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE NEW INTERVENTION.
809	PROTECT WALL GRAPHIC IN PLACE AND PAINT AROUND IT. CONTRACTOR IS RESPONSIBLE TO PROTECT AND REPAIR ANY DAMAGE TO WALL GRAPHIC.
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS. PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
820	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS), AUTOSHOP
866	REMOVE EXISTING TILE & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQUIRED FOR NEW SCHEDULED FINISH
898	REMOVE EXISTING CARPETED FLOORING. BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.
901	REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN

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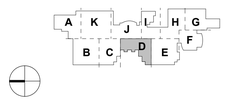
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
STEPHANIE WINCHESTER
12908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 02 AREA D

SHEET NUMBER
AD-102-D

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USER NAME:
DATE STAMP: 12/6/2024 2:16:11 PM

1 **ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 02 - AREA E**
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN GENERAL NOTES

1. COORDINATE ALL DEMOLITION FROM ALL DISCIPLINES WITH THE INFORMATION PROVIDED ON CONTRACT DOCUMENTS.
2. ALL MATERIAL TO BE DEMOLISHED AND REMOVED SHALL BE DISPOSED OF AS APPROVED BY LOCAL ORDINANCE AND CODES.
3. THE EXISTING AREAS TO REMAIN SHALL BE PROTECTED. ALL DAMAGE RESULTING FROM WORK IN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE. CAREFULLY DISMANTLE AND REMOVE MATERIALS SHOWN ON PLANS TO BE DEMOLISHED. NOTIFY ARCHITECT PRIOR TO CONSTRUCTION OF ANY DEMOLITION WORK THAT MAY DAMAGE THE INTEGRITY OF ANY MATERIALS WHICH ARE TO REMAIN AS EXISTING.
4. PARTS OF THIS BUILDING WILL BE ACTIVE, THE CONTRACTOR SHALL COORDINATE ALL SYSTEM SHUT DOWNS WITH THE FACILITY MANAGER. THE CONTRACTOR SHALL INFORM THE FACILITY MANAGER OF SCHEDULE, DURATION AND AREAS AFFECTED AND SHALL RECEIVE OWNER APPROVAL PRIOR TO SHUT DOWN COMMENCEMENT.
5. THE PREMISES IN WHICH WORK IS BEING PERFORMED SHALL BE KEPT CLEAN AT ALL TIMES.
6. EXISTING CONCRETE SLABS INTENDED TO REMAIN SHALL BE REPAIRED AND FLOATED LEVEL W/ SURROUNDING SLABS AND PREPARED TO RECEIVE NEW FINISH.
7. DOORS, FRAMES, HARDWARE, PLUMBING AND ELECTRICAL DEVICES AND FIXTURES, ETC. NOT REUSED SHALL BE DELIVERED TO OWNER, COORDINATE THIS WITH THE OWNER.
8. REMOVE ALL CONDUCTORS, CONDUIT AND BOXES BACK TO PANEL IN RENOVATED AREA REMOVE ALL RELATED STRAPS AND HANGERS - RE: ELECTRICAL DRAWINGS FOR MORE INFORMATION.
9. REMOVE ALL PLUMBING FROM RENOVATED AREA TO NEAREST JUNCTURE WHERE THE LINE IS STILL USED AND CAP. REMOVE RELATED UNUSED STRAPS AND HANGERS, RE: PLUMBING DRAWINGS FOR MORE INFORMATION. PLUMBING LINE SERVING OTHER AREAS SHALL BE KEPT. CONTRACTOR IS TO VERIFY PLUMBING LINES PRIOR TO DEMOLITION. RE: PLUMBING DRAWINGS FOR MORE INFORMATION.
10. REMOVE ALL HVAC DUCTWORK IN RENOVATED AREA TO NEAREST JUNCTURE WHERE THE DUCT IS STILL IN USE AND CAP AS REQUIRED. REMOVE ALL RELATED STRAPS AND HANGERS. RE: MECHANICAL DRAWINGS FOR MORE INFORMATION.
11. DURING CONSTRUCTION, MAINTAIN NEGATIVE AIR PRESSURE ON CONSTRUCTION ZONE WHILE MAINTAINING POSITIVE PRESSURE ON THE NON-CONSTRUCTION ZONE.
12. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE. IDENTIFY AND PROTECT AGAINST DAMAGE DURING DEMOLITION. THE CONTRACTOR IS TO REFERENCE THE CIVIL DOCUMENTS AND TO NOTIFY THE OWNER, ARCHITECT, AND CIVIL ENGINEER IF ANY UTILITIES ARE UNCOVERED DURING THE DEMOLITION PHASE THAT ARE NOT IDENTIFIED IN THE DOCUMENTS PROVIDED.
13. RELOCATE ROOF DRAINS ALONG THE DEMOLITION LINE. RELOCATE AND RESLOPE ROOF TO NEW DRAIN LOCATIONS.
14. PROTECT EXISTING FIRE PROOFING OR FIRE ASSEMBLIES INDICATED TO REMAIN, DAMAGE DURING DEMOLITION SHALL BE REPAIRED TO CONFORM TO ORIGINAL FIRE PROTECTION REQUIREMENTS.
15. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN INSTALLATION OF NEW CONSTRUCTION SO AS TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO THE STRUCTURE OR INTERIOR AREAS OF THE EXISTING BUILDING. REMOVE TEMPORARY PROTECTIONS AT COMPLETION OF WORK.
16. REMOVE EXISTING CEILINGS AND CEILING SUPPORT SYSTEM WHERE NEW CEILINGS ARE INDICATED, UNLESS NOTED OTHERWISE.
17. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.
18. REMOVE EXISTING FINISHES AS REQUIRED AS PER FINISH MANUFACTURE'S PRINTED INSTRUCTIONS. SEE FINISH SCHEDULE FOR NEW FINISHES.
19. AREA OR OBJECTS IDENTIFIED AS "EXISTING TO REMAIN" OR " NOT IN CONTRACT" - "N.I.C." SHALL BE PROTECTED. ALL DAMAGE TO THESE AREAS RESULTING FROM DEMOLITION WORK WITHIN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE.
20. ALL INFORMATION REGARDING EXISTING CONDITIONS IS BASED ON OWNER SUPPLIED DOCUMENTS AND MAY NOT REFLECT ACTUAL FIELD CONDITIONS. UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN DRAWINGS DEPICTING EXISTING CONDITIONS OR UPON DISCOVERY OF UNKNOWN CONDITIONS DETRIMENTAL TO THE COMPLETION OF THE WORK AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT, IN WRITING, OF THE CONDITIONS IN QUESTION BEFORE PROCEEDING WITH THE WORK IN THAT AREA.
21. COORDINATE OWNER WALK THROUGH TO IDENTIFY AL ITEMS TO BE SALVAGED FOR THE OWNER'S RE-USE. INCLUDING BUT NOT LIMITED TO MEDICAL EQUIPMENT, FRAMED DOCUMENTS, SIGNS/GRAPHIC ART, HISTORICAL COLLECTIBLES, ETC. REMOVE ITEMS THUS IDENTIFIED AND GIVE TO THE OWNER, OR STORE FOR RE-USE AT PER OWNERS DIRECTION.
22. THIS PLAN IS BEING ISSUED FOR THE PURPOSE OF ASSISTING THE CONTRACTOR IN BETTER UNDERSTANDING THE PROJECT SCOPE. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILITY TO VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS.
23. REMOVE ALL ROOM GRAPHICS AND ROOM SIGNAGE FROM WALLS - REMOVE GLUE FROM WALLS AND PREP FOR NEW ROOM GRAPHICS.
24. REMOVE ALL EXISTING SHELVING FROM WALLS, PREP WALLS FOR NEW PAINT - RETURN SHELVING BACK TO SPACE AFTER PAINT AND FLOORING IS COMPLETED.
24. REMOVE ALL EXISTING AWP FROM WALLS, PREP WALLS FOR NEW PAINT -RETURN AWP BACK TO SPACE AFTER PAINT IS COMPLETED.

KEYED NOTES

NUMBER	DESCRIPTION
801	REMOVE AND DISPOSE OF EXISTING CASEWORK AND ACCESSORIES. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE FOR NEW CASEWORK. AT TEACHER STATIONS CAREFULLY REMOVE EYEWASH AND REINSTALL - TEST TO MAKE SURE IT IS WORKING. TYP.
810	REMOVE EXISTING HAND DRYERS. PATCH, REPAIR, AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR HAND DRYER. VERIFY HEIGHT ON FIELD.
811	REMOVE EXISTING MIRRORS, PATCH, REPAIR AND CLEAN WALL AND PREPARE FOR NEW FINISH AND/OR MIRROR.
866	REMOVE EXISTING TILE & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQUIRED FOR NEW SCHEDULED FINISH
898	REMOVE EXISTING CARPETED FLOORING BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.
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DEMOLITION PLAN LEGEND

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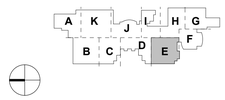
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
MICHAEL LANE WINCHESTER
27905
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

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Author	Checker

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SHEET NUMBER
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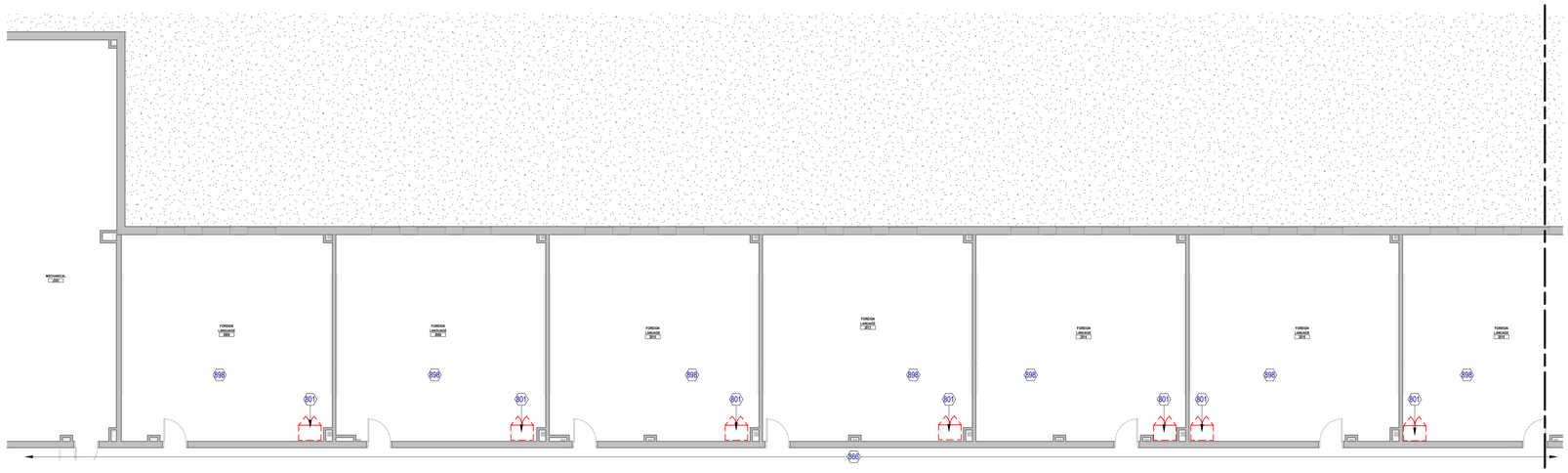
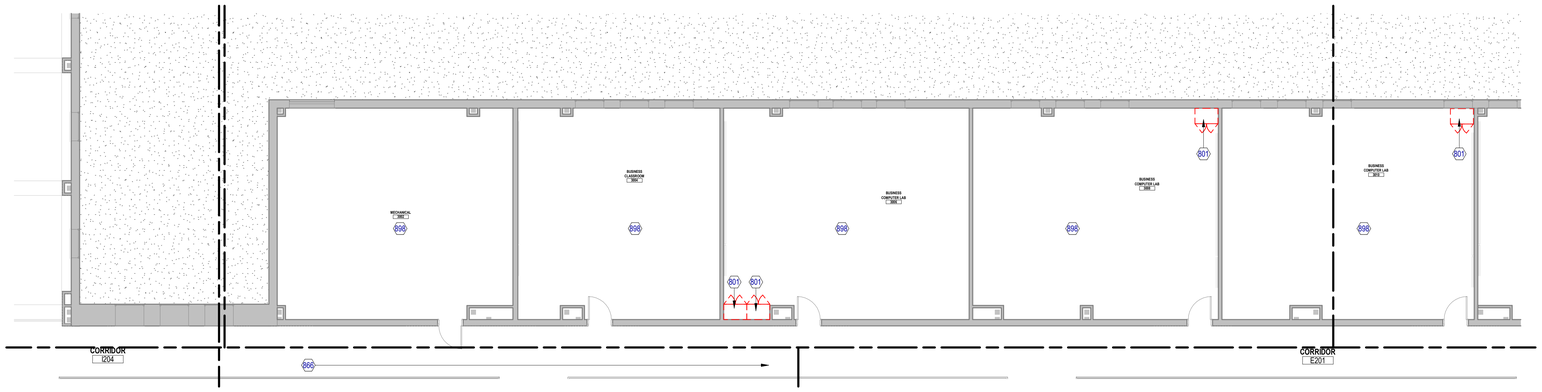


3 ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 02 - AREA K

SCALE: 1/8" = 1'-0"



2 ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 02 - AREA I

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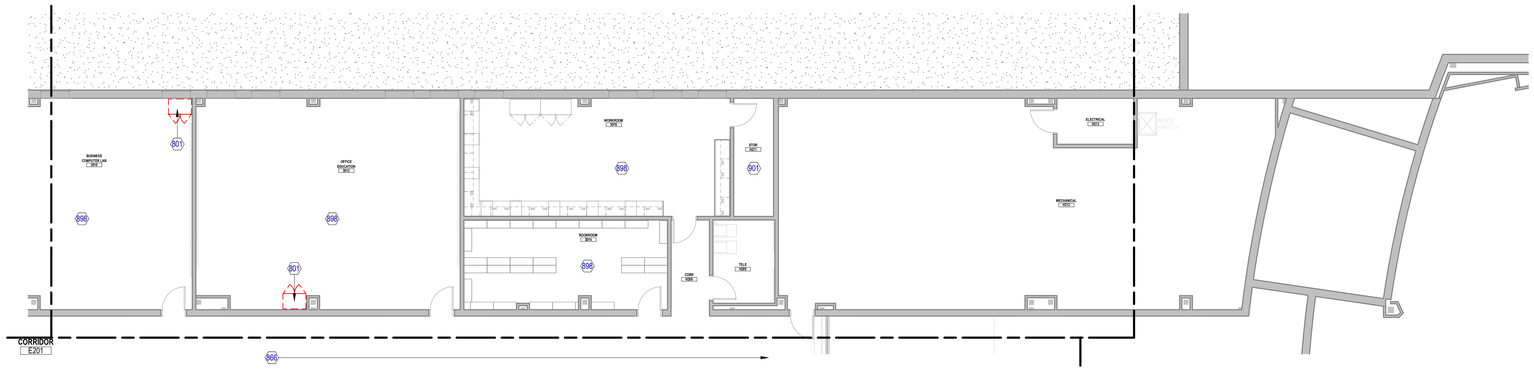

1 ARCHITECTURAL - DEMO FLOOR PLAN - LEVEL 02 - AREA H

SCALE: 1/8" = 1'-0"

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24. REMOVE ALL EXISTING SHELVING FROM WALLS, PREP WALLS FOR NEW PAINT - RETURN SHELVING BACK TO SPACE AFTER PAINT AND FLOORING IS COMPLETED.
24. REMOVE ALL EXISTING AWP FROM WALLS, PREP WALLS FOR NEW PAINT -RETURN AWP BACK TO SPACE AFTER PAINT IS COMPLETED.

KEYED NOTES

NUMBER	DESCRIPTION
801	REMOVE AND DISPOSE OF EXISTING CASEWORK AND ACCESSORIES. PATCH, REPAIR AND CLEAN WALL AND FLOOR TO PREPARE FOR NEW CASEWORK. AT TEACHER STATIONS CAREFULLY REMOVE EYEWASH AND REINSTALL - TEST TO MAKE SURE IT IS WORKING. TYP.
866	REMOVE EXISTING TILE & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQUIRED FOR NEW SCHEDULED FINISH
898	REMOVE EXISTING CARPETED FLOORING. BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULE FINISH.
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DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA OF DEMOLITION
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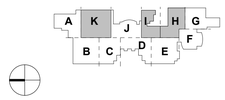
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
MELANIE WINCHESTER BRYANT
27905
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
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SHEET NAME
ARCHITECTURAL - DEMOLITION PLAN - LEVEL 02 AREA H, I & K

SHEET NUMBER
AD-102-H, I & K

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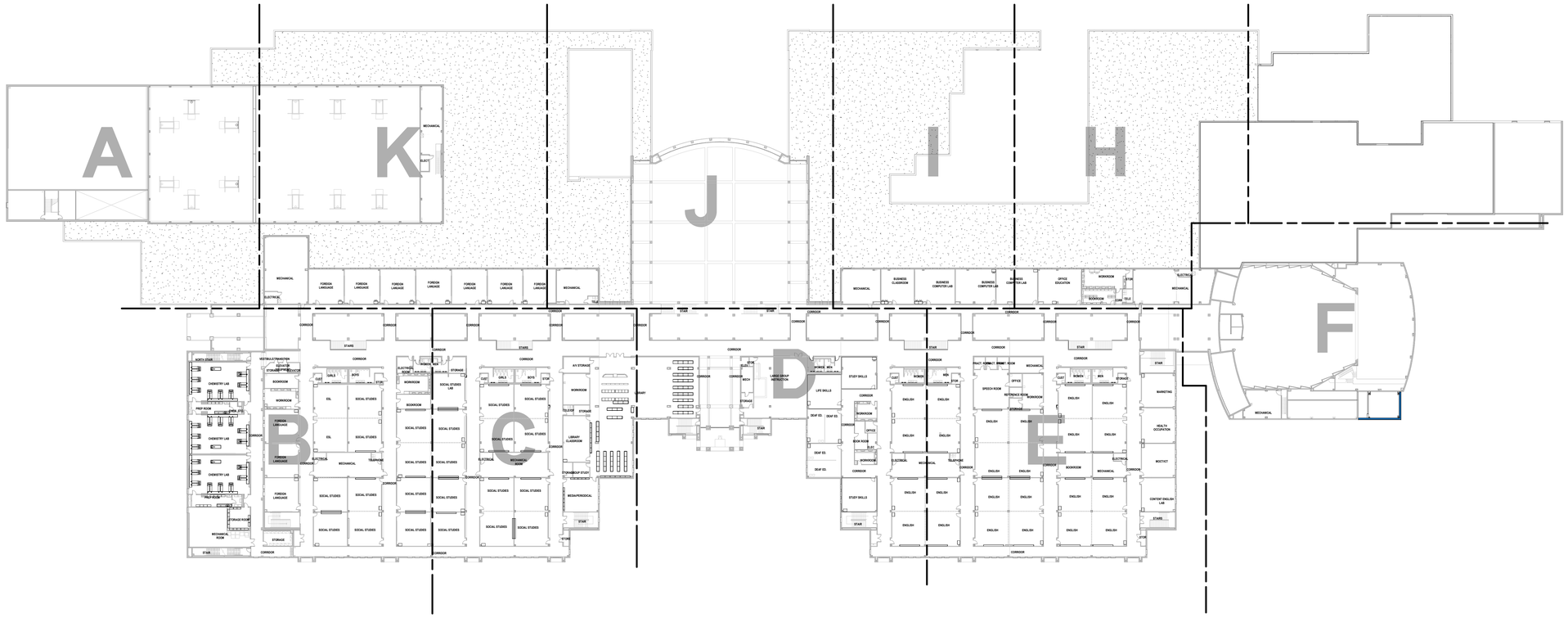

2 **ARCHITECTURAL - OVERALL FLOOR PLAN - LEVEL 02**
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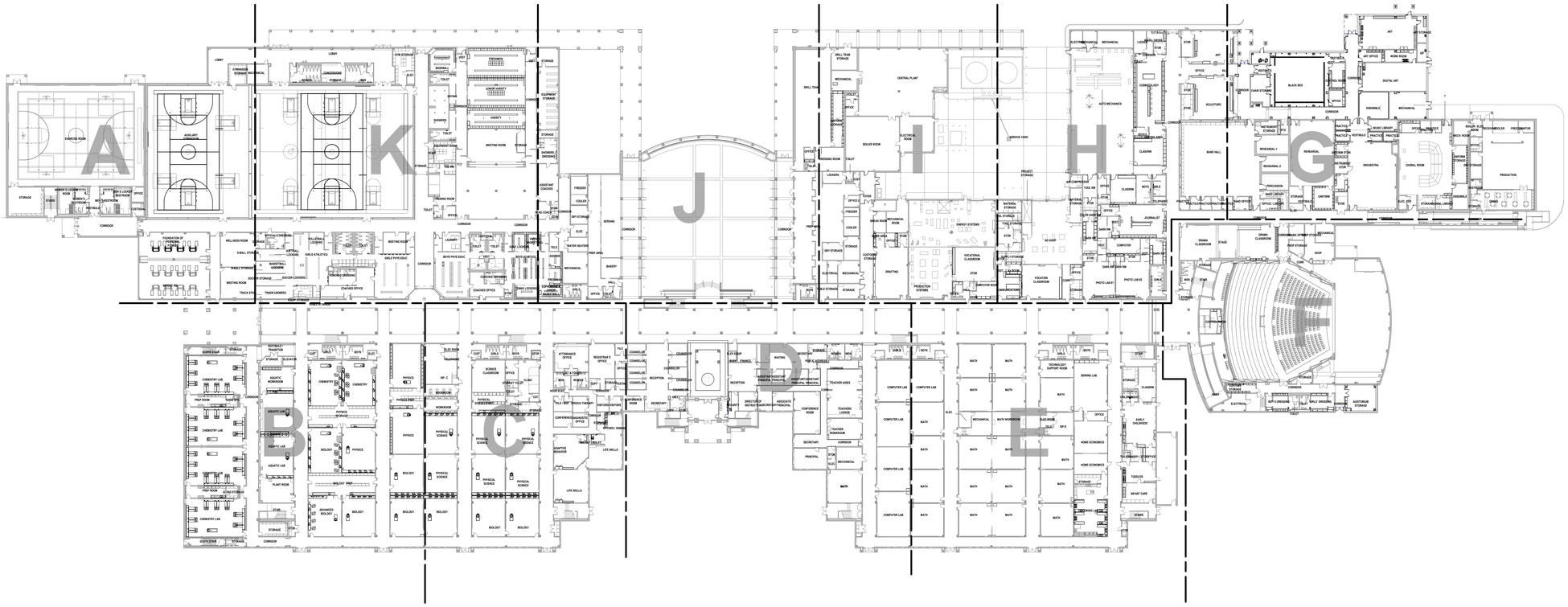

1 **ARCHITECTURAL - OVERALL FLOOR PLAN - LEVEL 01**
SCALE: 1" = 40'-0"

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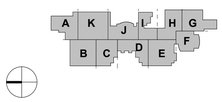
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 01 & 02

SHEET NUMBER
A-101

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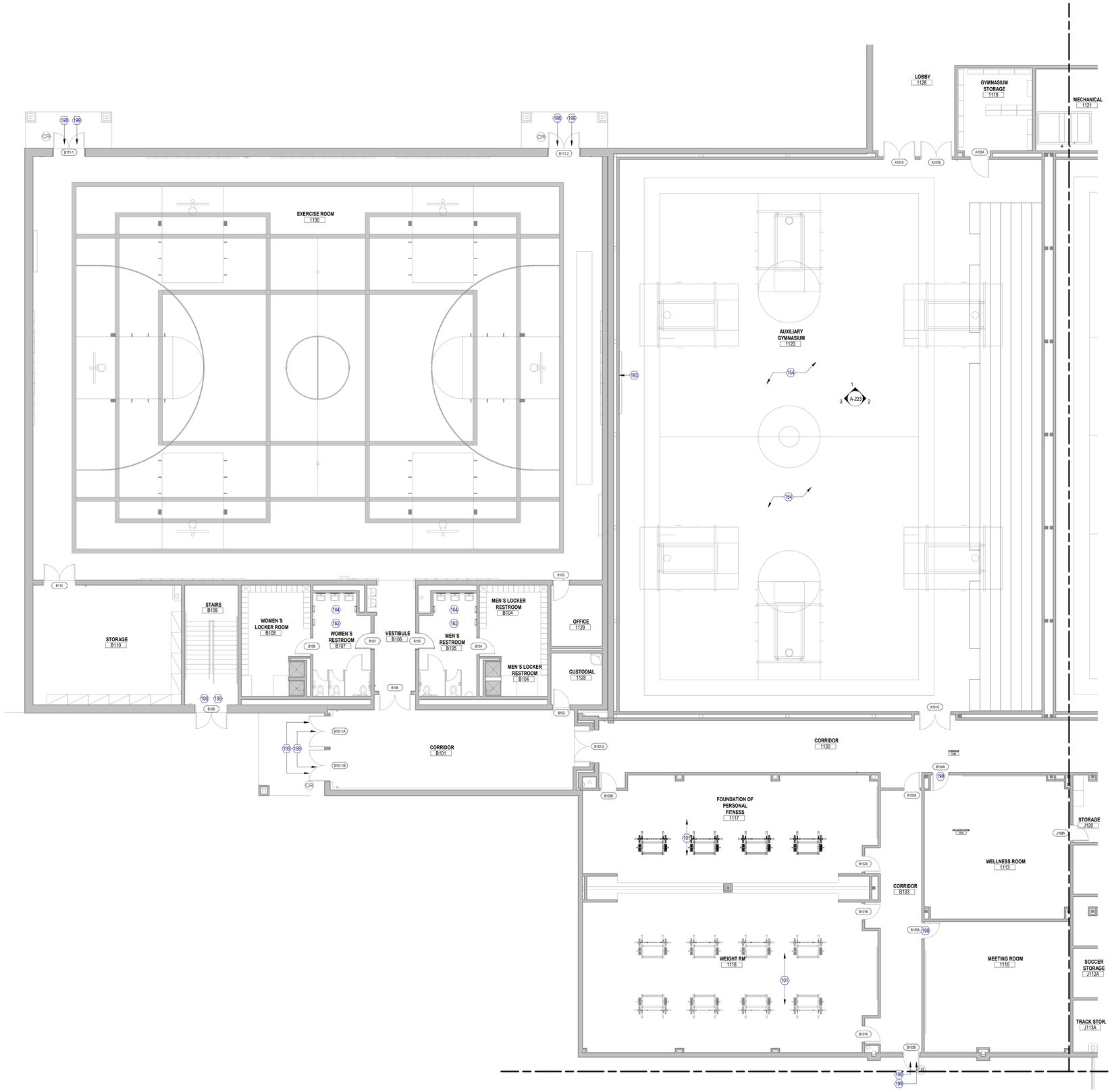

1 ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA A
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
101	REPLACE SPORT FLOORING IN WEIGHT ROOM 1117-1118. REFER TO FINISH PLANS.
154	STRIP DOWN AND REFINISH EXISTING GYM FLOOR IN AUXILIARY GYM. PROTECT GYM STRUCTURE, HVAC SYSTEMS AND COILS, EQUIPMENT, AND BLEACHERS DURING CONSTRUCTION. CLEAN AREA UNDER EXTENDED BLEACHERS, UPON COMPLETION OF NEW WORK. PROVIDE TEMPORARY AIR FILTERS FOR AIR HANDLERS DURING CONSTRUCTION.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
193	REPLACE EXISTING SCOREBOARD. BASKETBALL SCOREBOARD MODEL 5250 - SPECTRUM BY WATCH FIRE. CABINET DIMENSIONS: 12'W X 6'H X 5'D / INCLUDE OPTIONS FOR: TEAM NAME, MASCOT, CUSTOM 2-TONE COLOR. CONSOLE PLUG TO BE LOCATED AT FRONT FACE OF BLEACHERS AND AT OPPOSITE SIDE OF COURTS. PROVIDE AUTOMATIC RETRACTING COMPONENTS TO RETRACT CONSOLE CABLE WHEN BLEACHERS ARE CLOSED. FIELD VERIFY EXACT LOCATION OF SCOREBOARD.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01/A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
A	COLUMN GRID DESIGNATIONS
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS

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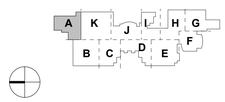

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINGATE 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA A

SHEET NUMBER

A-101-A

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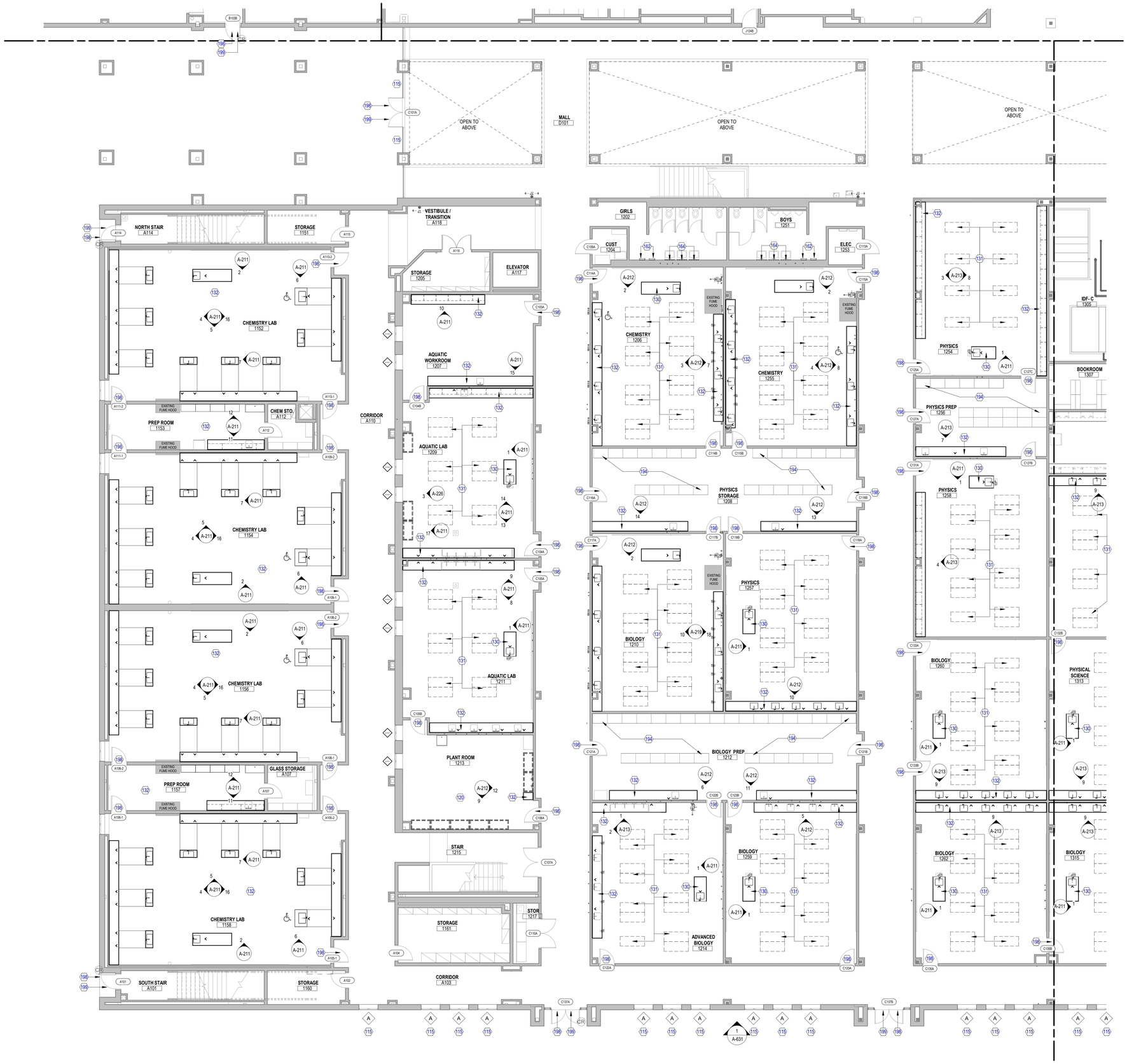

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA B**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
115	APPLY SECURITY FILM TO INTERIOR SIDE OF GLAZING AT EXTERIOR WINDOW. REFER TO WINDOW ELEVATIONS FOR FILM LOCATIONS AND DETAILS.
120	UPDATE THE EXISTING CONTROL ROOM (ELECTRICAL AND TECHNOLOGY) TO ACCOMMODATE CONNECTION AND OPERATION OF NEW SOUND BOARD.
130	INSTRUCTOR DESK / NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
131	STUDENT TABLE / RE: 17/A-216
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
194	WOOD SHELVING SYSTEM; REF 9/A-706
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01/A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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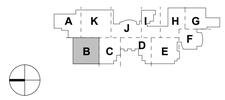

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA B

SHEET NUMBER
A-101-B

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USER NAME: Author
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1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA C**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
115	APPLY SECURITY FILM TO INTERIOR SIDE OF GLAZING AT EXTERIOR WINDOW. REFER TO WINDOW ELEVATIONS FOR FILM LOCATIONS AND DETAILS.
130	INSTRUCTOR DESK / NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
131	STUDENT TABLE / RE: 17/A-216
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
133	24"X36" PREFAB. WOOD SHELVING (TYP)
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL.
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01 / A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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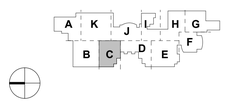
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT MICHAEL LANE WINCHESTER 27906 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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DRAWN BY	**CHECKED BY**
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA C

SHEET NUMBER
A-101-C

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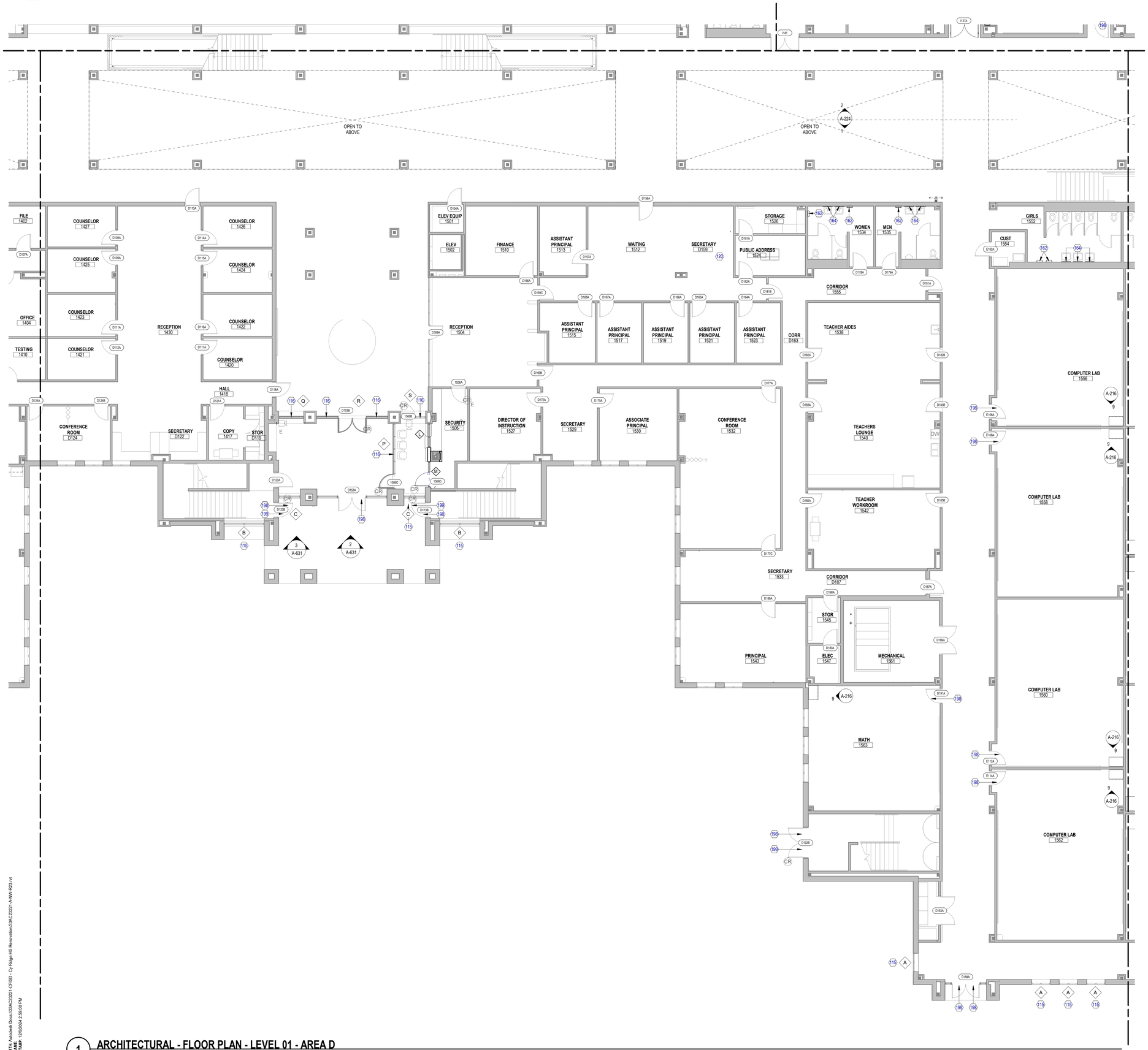

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA D**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
115	APPLY SECURITY FILM TO INTERIOR SIDE OF GLAZING AT EXTERIOR WINDOW. REFER TO WINDOW ELEVATIONS FOR FILM LOCATIONS AND DETAILS.
116	GC SHALL FIELD VERIFY, DOCUMENT, AND REPLACE SECURITY GLAZING PANELS AT VESTIBULE THAT EXHIBIT CRAZING. MATCH EXISTING GLAZING TYPE, PERFORMANCE, AND TINT. REFER TO WINDOW ELEVATIONS.
120	UPDATE THE EXISTING CONTROL ROOM (ELECTRICAL AND TECHNOLOGY) TO ACCOMMODATE CONNECTION AND OPERATION OF NEW SOUND BOARD.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01/A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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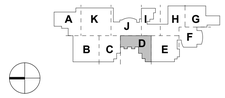
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT MARK LANE WINCHESTER 27906 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA D

SHEET NUMBER
A-101-D

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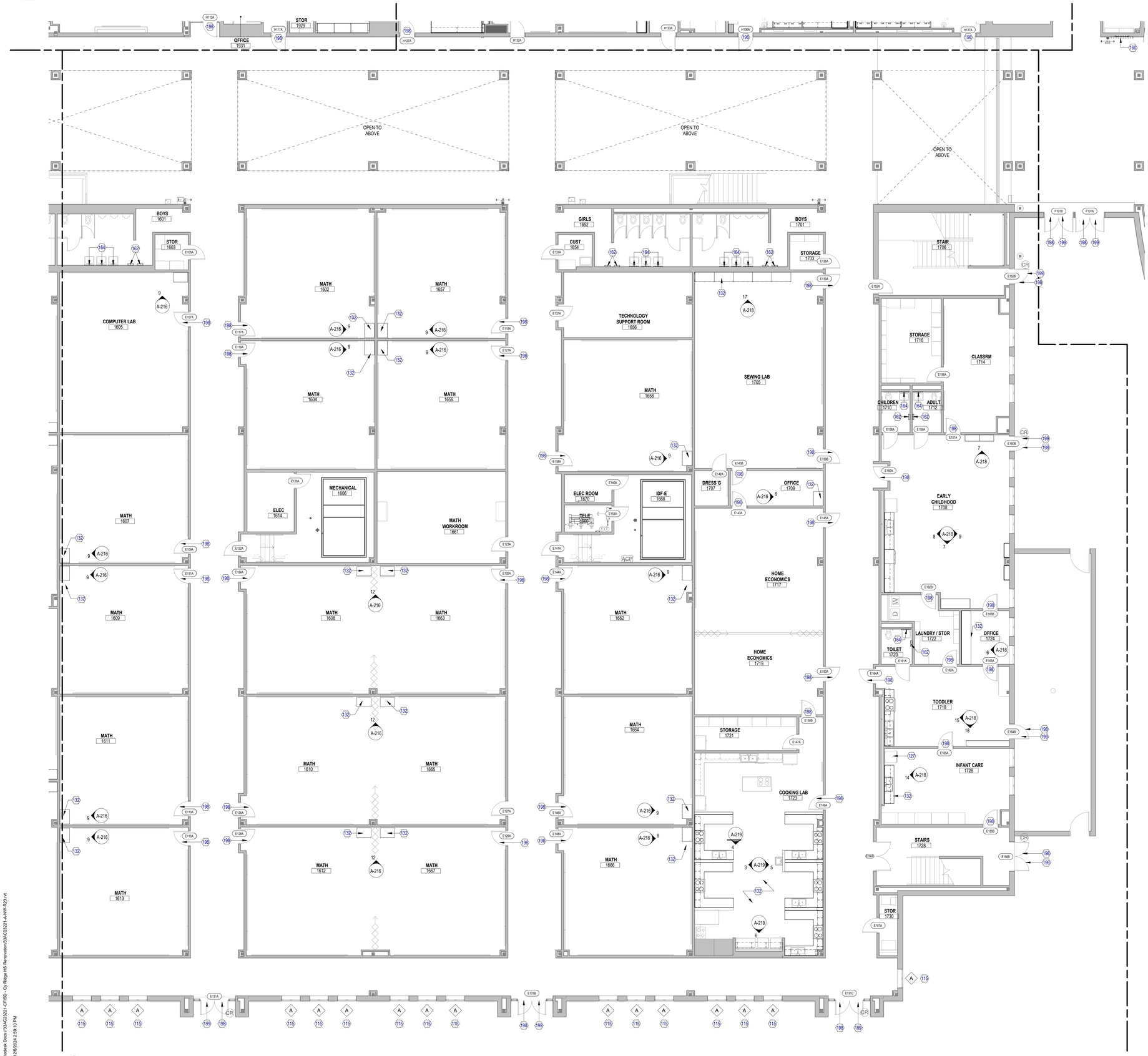

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA E**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
115	APPLY SECURITY FILM TO INTERIOR SIDE OF GLAZING AT EXTERIOR WINDOW. REFER TO WINDOW ELEVATIONS FOR FILM LOCATIONS AND DETAILS.
127	REFRIGERATOR; N.I.C.
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
160	NEW TV. REF: TECHNOLOGY AND ELECTRICAL DWGS.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01/A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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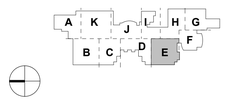
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM W. PAGE 27908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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Author	Checker

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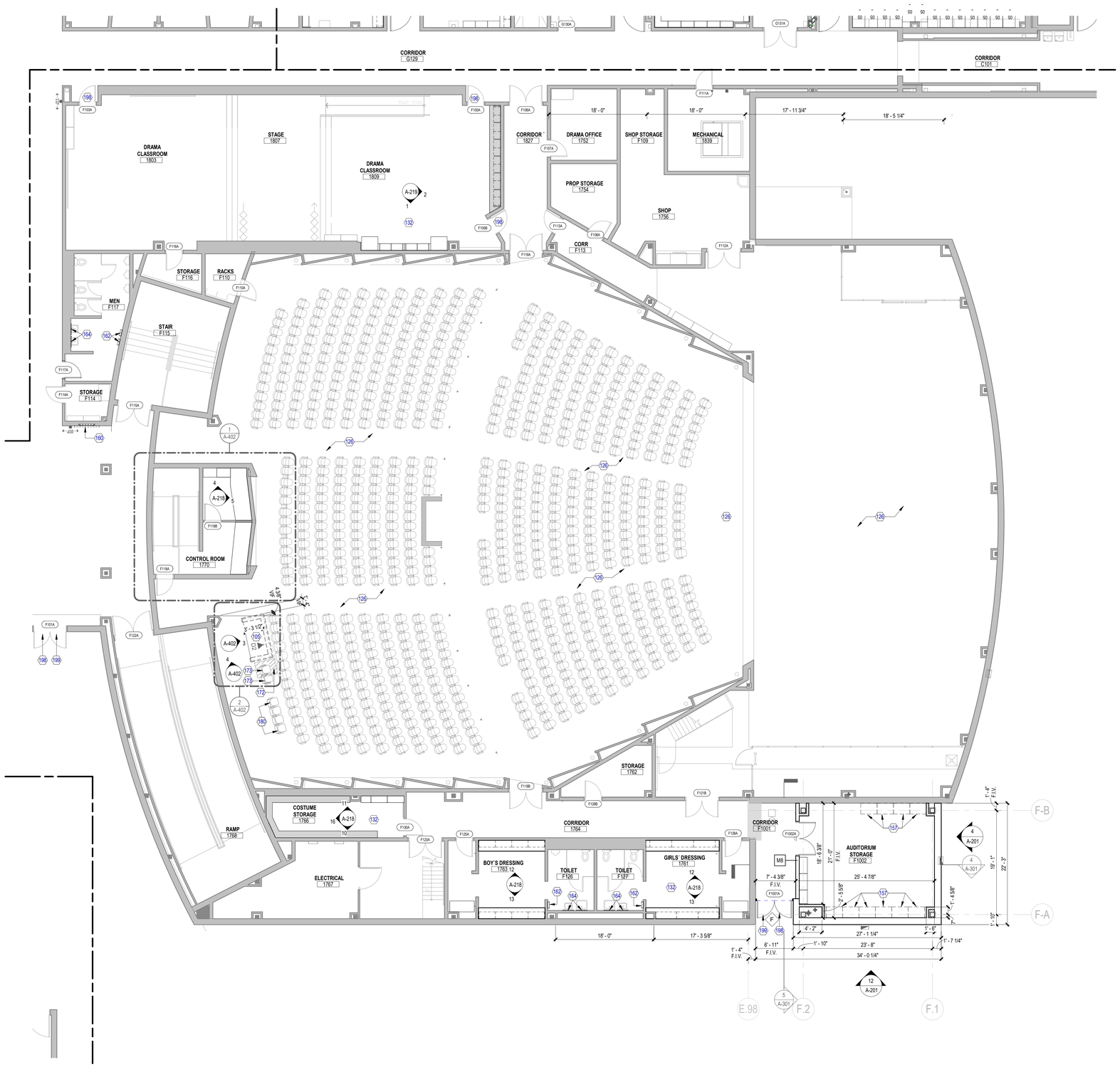

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA F**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
105	NEW PORTABLE SOUND BOOTH AND CASEWORK WITH LOCKABLE CABINET TOP TO SECURE SOUND EQUIPMENT. PROVIDE DATA AND POWER. (REFERENCE A/V, ELECTRICAL, AND TECHNOLOGY FOR ADDITIONAL INFORMATION).
126	PROVIDE NEW A/V SYSTEMS AND CONTROLS PER DISTRICT STANDARDS (INCLUDES LIGHTING, SOUND, VIDEO, THEATRICAL LIGHT FIXTURES, SPEAKERS & INPUTS, DMX, SOUND AMPLIFIERS, PROJECTOR AND SCREEN, CONTROL BOOTH, COMMUNICATIONS, ETC. 1.- FOR LIGHT FIXTURE REPLACED AT CATWALKS, DESIGN TEAM TO ENSURE USER'S REACH RANGES AND ACCESS TO FIXTURE FROM CATWALK REMAIN WITHIN SAFE DISTANCES. RE: AV DRAWING PLANS.
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
157	36"W X 24"D X 84"H METAL SHELVING PROPERLY BRACED AND BOLTED TO WALL PER MANUFACTURER AND DISTRICT STANDARDS. SHELVING SHALL BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
160	NEW TV. REF: TECHNOLOGY AND ELECTRICAL DWGS.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
172	INFILL PORTION OF EXISTING FLOOR WITH LEVELED AND DOWELED CONCRETE TO MATCH ADJACENT ELEVATION HEIGHT. INSTALL NEW CARPET AND TRANSITION STRIPS TO MATCH EXISTING.
173	INSTALL EXISTING AUDITORIUM CHAIR IN NEW LOCATION. ALIGN WITH EXISTING ROW AND SECURE TO FLOOR AND SLAB.
180	EXISTING AUDITORIUM CHAIRS SHALL BE PROTECTED FROM DAMAGE DURING NEW FLOOR FINISH INSTALLATION.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE / REF 01 / A101	MATCH LINE / SHEET REFERENCE
14	KEYED NOTE / KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG / REFER TO PARTITION SCHEDULE
1 / A-301	BUILDING SECTION TAG / WALL SECTION TAG
1 / A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 / A-431	PLAN REFERENCE TAG
ROOM NAME / 101	ROOM NAME / ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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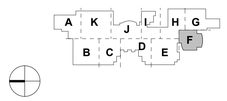
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
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SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA F

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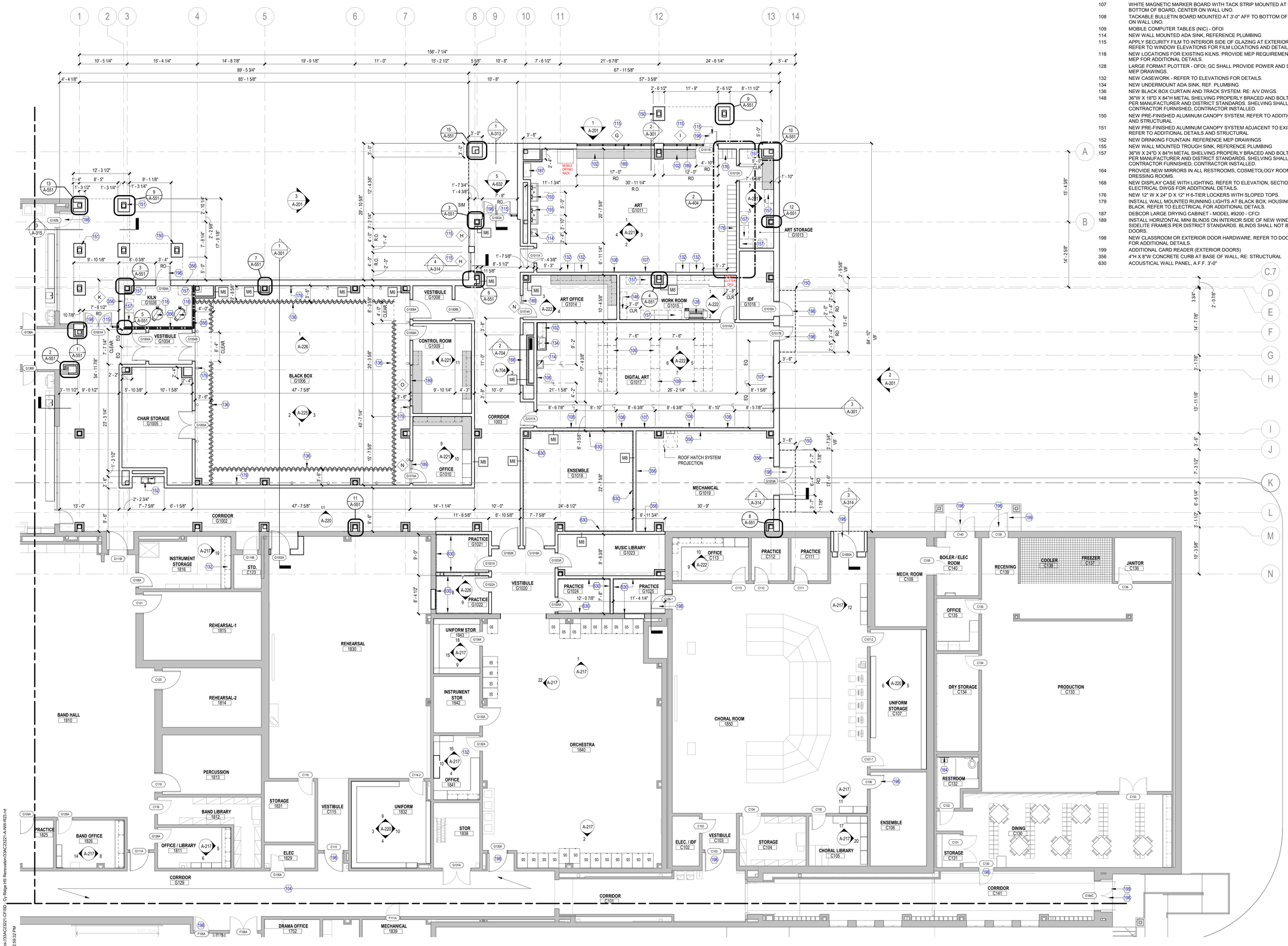

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA G - PROPOSED BLDG ADDITION**
SCALE: 1/8" = 1'-0"

KEYED NOTES

NUMBER	DESCRIPTION
102	NEW QUARTZ COUNTERTOP. REFERENCE FINISH SCHEDULE AND ELEVATIONS
104	PAINT CMU AND DOORS AT BAND, CHOIR, ORCHESTRA, AND CORRIDORS. REF; ELEVATION 11/A-220.
107	WHITE MAGNETIC MARKER BOARD WITH TACK STRIP MOUNTED AT 3'-0" AFF TO BOTTOM OF BOARD, CENTER ON WALL UNO.
108	TACKABLE BULLETIN BOARD MOUNTED AT 3'-0" AFF TO BOTTOM OF BOARD, CENTER ON WALL UNO.
109	MOBILE COMPUTER TABLES (NIC) - OFOI
114	NEW WALL MOUNTED ADA SINK, REFERENCE PLUMBING
115	APPLY SECURITY FILM TO INTERIOR SIDE OF GLAZING AT EXTERIOR WINDOW. REFER TO WINDOW ELEVATIONS FOR FILM LOCATIONS AND DETAILS.
118	NEW LOCATIONS FOR EXISTING KILNS. PROVIDE MEP REQUIREMENTS. REFER TO MEP FOR ADDITIONAL DETAILS.
128	LARGE FORMAT PLOTTER - OFOI; GC SHALL PROVIDE POWER AND DATA. REFER TO MEP DRAWINGS.
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
134	NEW UNDERMOUNT ADA SINK, REF. PLUMBING
136	NEW BLACK BOX CURTAIN AND TRACK SYSTEM. RE: A/V DWGS.
148	36"W X 18"D X 84"H METAL SHELVING PROPERLY BRACED AND BOLTED TO WALL PER MANUFACTURER AND DISTRICT STANDARDS. SHELVING SHALL BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
150	NEW PRE-FINISHED ALUMINUM CANOPY SYSTEM, REFER TO ADDITIONAL DETAILS AND STRUCTURAL
151	NEW PRE-FINISHED ALUMINUM CANOPY SYSTEM ADJACENT TO EXISTING BUILDING, REFER TO ADDITIONAL DETAILS AND STRUCTURAL.
152	NEW DRINKING FOUNTAIN. REFERENCE MEP DRAWINGS
155	NEW WALL MOUNTED TROUGH SINK, REFERENCE PLUMBING
157	36"W X 24"D X 84"H METAL SHELVING PROPERLY BRACED AND BOLTED TO WALL PER MANUFACTURER AND DISTRICT STANDARDS. SHELVING SHALL BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
168	NEW DISPLAY CASE WITH LIGHTING. REFER TO ELEVATION, SECTION, AND ELECTRICAL DWGS FOR ADDITIONAL DETAILS.
176	NEW 12" W X 24" D X 12" H 6-TIER LOCKERS WITH SLOPED TOPS.
179	INSTALL WALL MOUNTED RUNNING LIGHTS AT BLACK BOX. HOUSING SHALL BE BLACK. REFER TO ELECTRICAL FOR ADDITIONAL DETAILS.
187	DEBCOR LARGE DRYING CABINET - MODEL #9200 - CFCI
189	INSTALL HORIZONTAL MINI BLINDS ON INTERIOR SIDE OF NEW WINDOW AND SIDELITE FRAMES PER DISTRICT STANDARDS. BLINDS SHALL NOT BE INSTALLED AT DOORS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)
356	4"H X 8"W CONCRETE CURB AT BASE OF WALL, RE: STRUCTURAL
630	ACOUSTICAL WALL PANEL, A.F.F. 3'-0"

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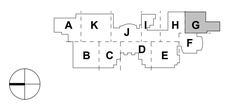

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINGATE
21908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

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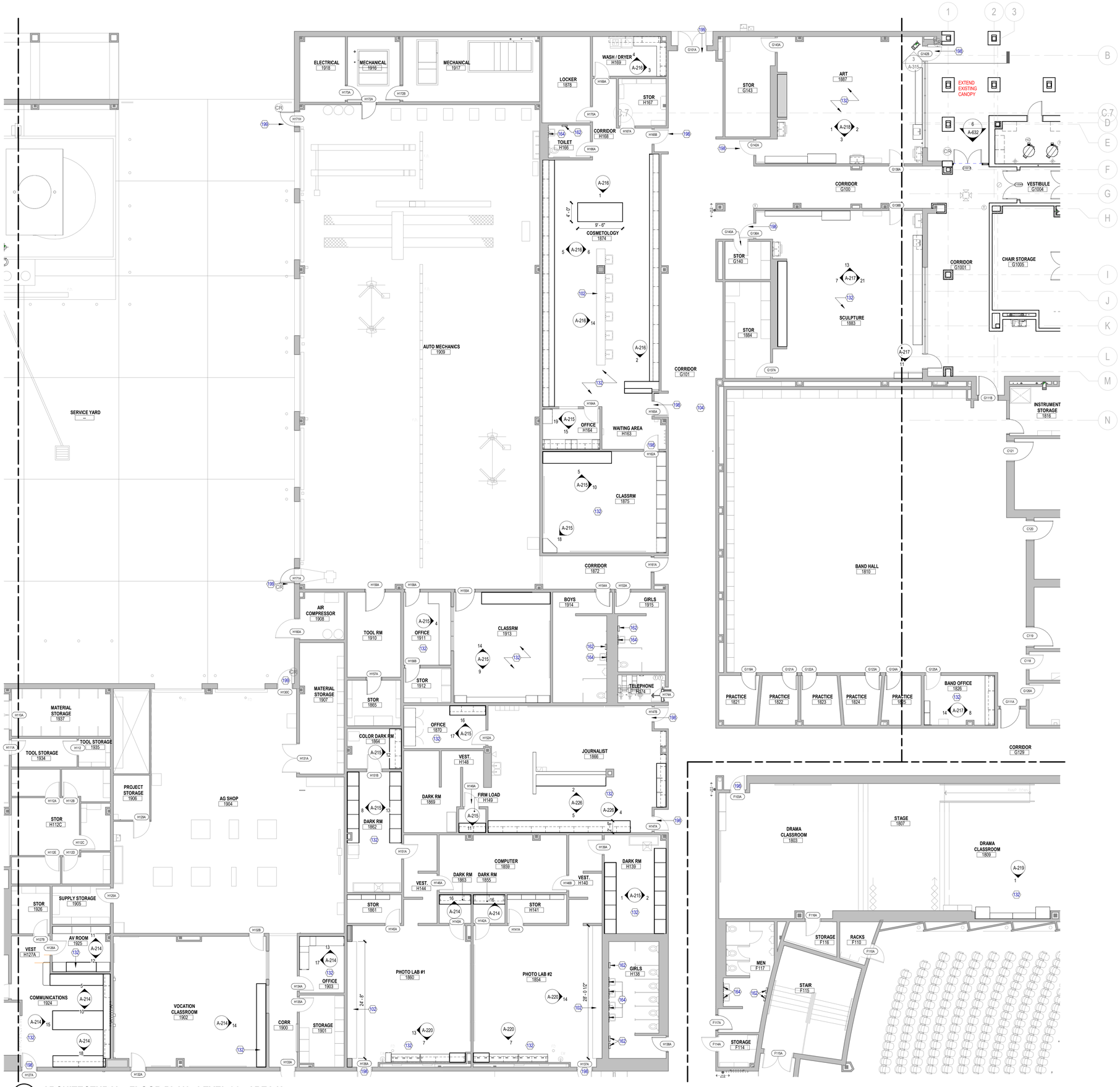

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA H**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
102	NEW QUARTZ COUNTERTOP. REFERENCE FINISH SCHEDULE AND ELEVATIONS
104	PAINT CMU AND DOORS AT BAND, CHOIR, ORCHESTRA, AND CORRIDORS. REF; ELEVATION 11/A-220.
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE / REF 01 / A101	MATCH LINE / SHEET REFERENCE
14	KEYED NOTE / KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG / REFER TO PARTITION SCHEDULE
1 / A-301	BUILDING SECTION TAG / WALL SECTION TAG
1 / A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 / A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME / ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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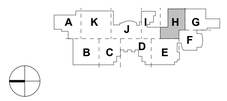
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINGATE 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA H

SHEET NUMBER
A-101-H

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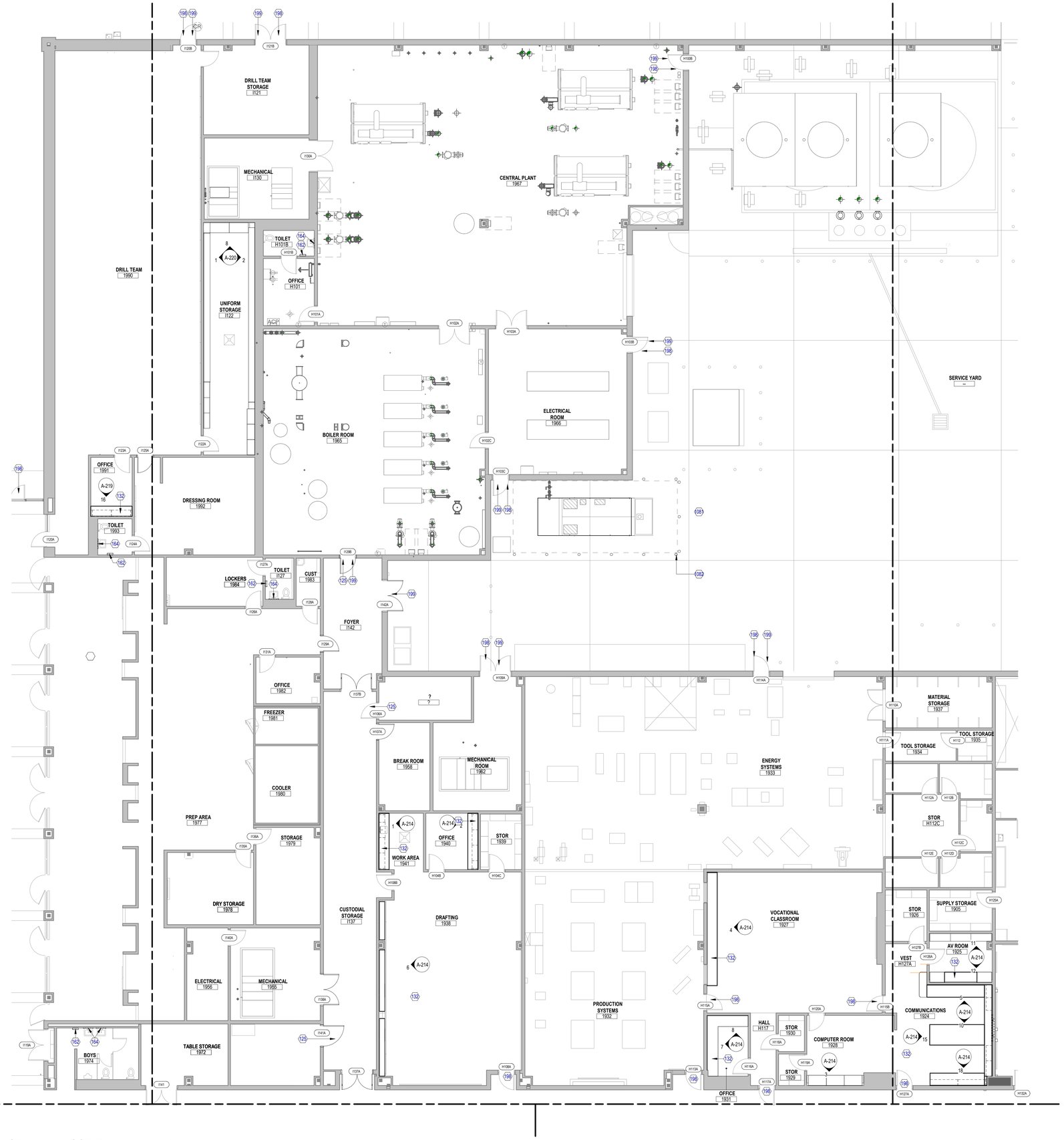

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA I**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
125	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS). AUTOSHOP
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)
1081	GENERATOR CONCRETE PAD; RE: STRUCTURAL DRAWINGS
1082	6" DIAMETER GALVANIZED PIPE BOLLARD - CONCRETE FILLED WITH ROUNDED TOP. PROVIDE PROTECTIVE COVER FOR BOLLARDS. RE: STRUCTURAL DRAWINGS

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE / REF 01 / A101	MATCH LINE / SHEET REFERENCE
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1 / A-201	EXTERIOR ELEVATION TAG
1 / A-211	INTERIOR ELEVATION TAG
1 / A-431	PLAN REFERENCE TAG
ROOM NAME / 101	ROOM NAME / ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
	NEW PARTITION REF PARTITION SCHEDULE
	EXISTING PARTITION
A	COLUMN GRID DESIGNATIONS
1002	NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE
28	NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS

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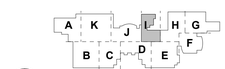

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JOANNE W. WILKES STATE OF TEXAS 12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA I

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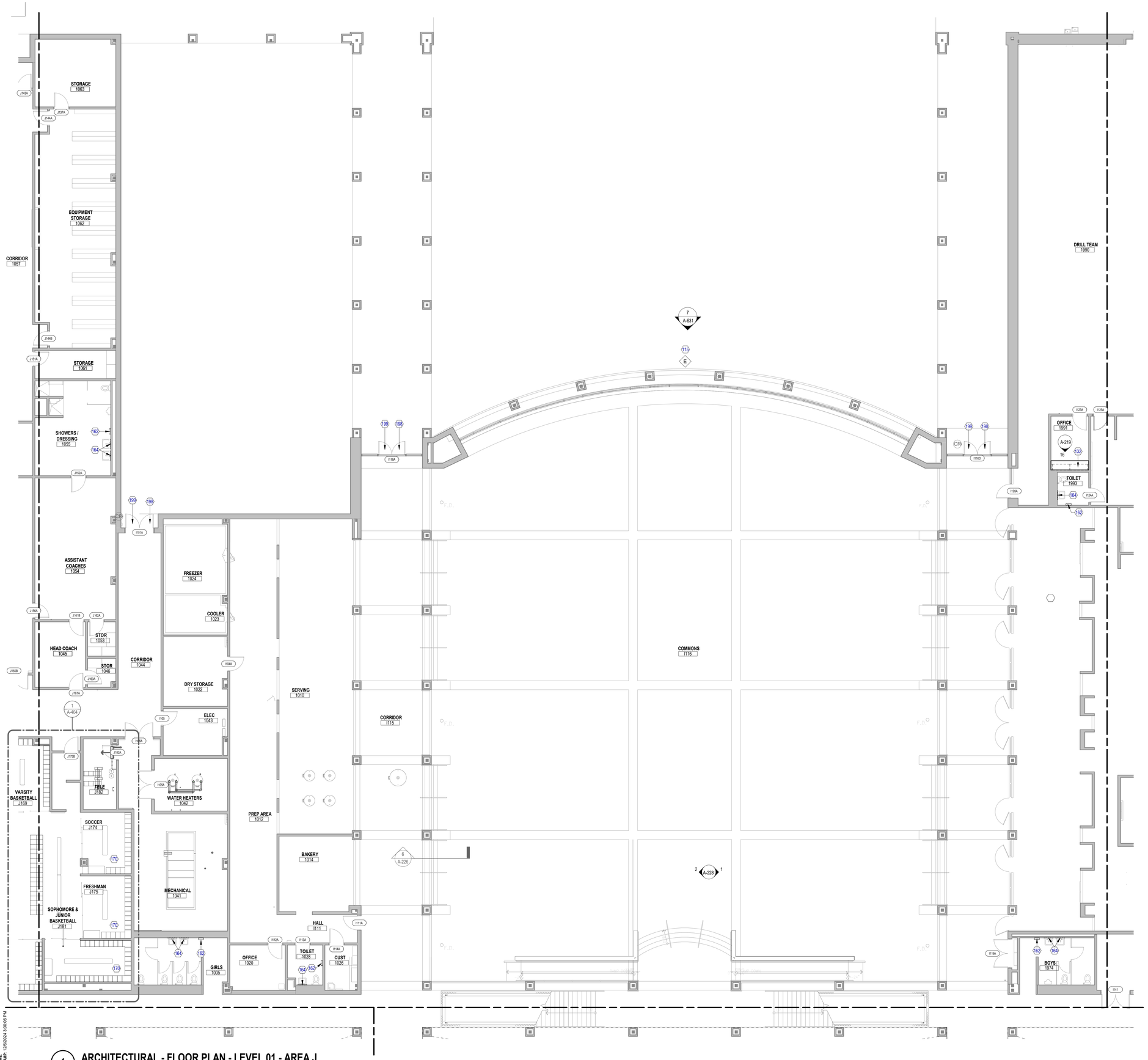

1 ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA J
SCALE: 1/8" = 1'-0"

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FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
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11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
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14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
115	APPLY SECURITY FILM TO INTERIOR SIDE OF GLAZING AT EXTERIOR WINDOW. REFER TO WINDOW ELEVATIONS FOR FILM LOCATIONS AND DETAILS.
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
170	INSTALL NEW ATHLETIC LOCKERS AND LOCKER FILLER PANELS. REFER TO ENLARGED PLANS FOR ADDITIONAL DETAILS. PER TAS, 5% OF EACH LOCKER TYPE PROVIDED SHALL BE ADA COMPLIANT.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
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1 A-211	INTERIOR ELEVATION TAG
1 / A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME / ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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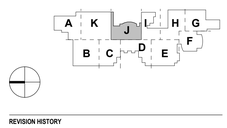


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JULIANE WINCHESTER 27908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22021	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

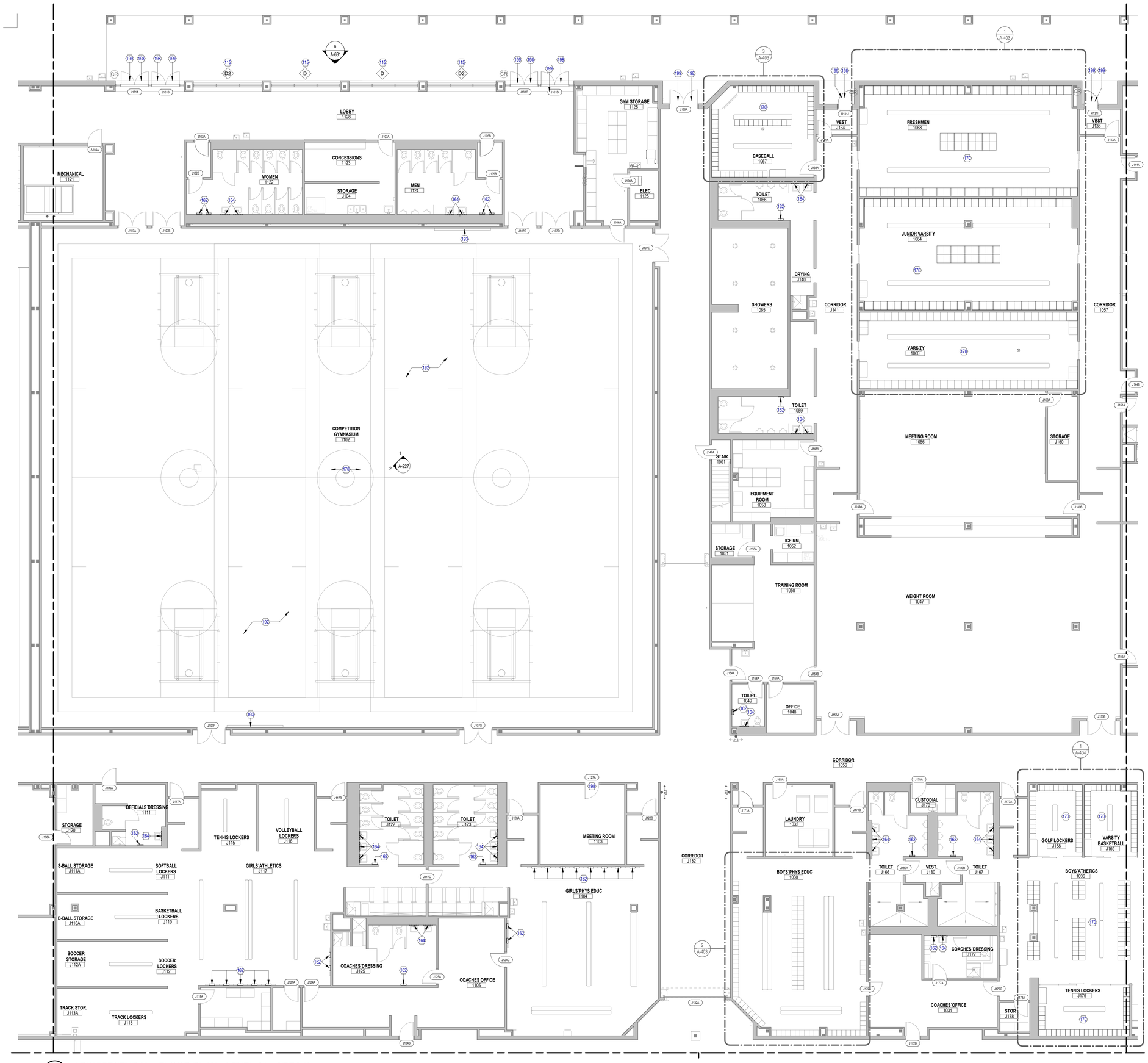
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA J

SHEET NUMBER

A-101-J



1 ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA K
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
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KEYED NOTES

NUMBER	DESCRIPTION
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162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
170	INSTALL NEW ATHLETIC LOCKERS AND LOCKER FILLER PANELS. REFER TO ENLARGED PLANS FOR ADDITIONAL DETAILS. PER TAS, 5% OF EACH LOCKER TYPE PROVIDED SHALL BE ADA COMPLIANT.
178	NEW SOUND SYSTEM. REFER TO TECHNOLOGY FOR ADDITIONAL DETAILS.
192	STRIP DOWN AND REFINISH EXISTING GYM FLOOR IN COMPETITION GYM. PROTECT GYM STRUCTURE, HVAC SYSTEMS AND COILS, EQUIPMENT, AND BLEACHERS DURING CONSTRUCTION. CLEAN AREA UNDER EXTENDED BLEACHERS. UPON COMPLETION OF NEW WORK, PROVIDE TEMPORARY AIR FILTERS FOR AIR HANDLERS DURING CONSTRUCTION.
193	REPLACE EXISTING SCOREBOARD. BASKETBALL SCOREBOARD MODEL 5250 - SPECTRUM BY WATCH FIRE. CABINET DIMENSIONS: 12'W X 6'H X 5'D / INCLUDE OPTIONS FOR: TEAM NAME, MASCOT, CUSTOM 2-TONE COLOR. CONSOLE PLUG TO BE LOCATED AT FRONT FACE OF BLEACHERS AND AT OPPOSITE SIDE OF COURTS. PROVIDE AUTOMATIC RETRACTING COMPONENTS TO RETRACT CONSOLE CABLE WHEN BLEACHERS ARE CLOSED. FIELD VERIFY EXACT LOCATION OF SCOREBOARD.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
199	ADDITIONAL CARD READER (EXTERIOR DOORS)

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
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14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
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ROOM NAME / 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
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1002	NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE
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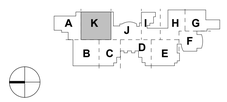

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINGATE 12908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

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SHEET NUMBER
A-101-K

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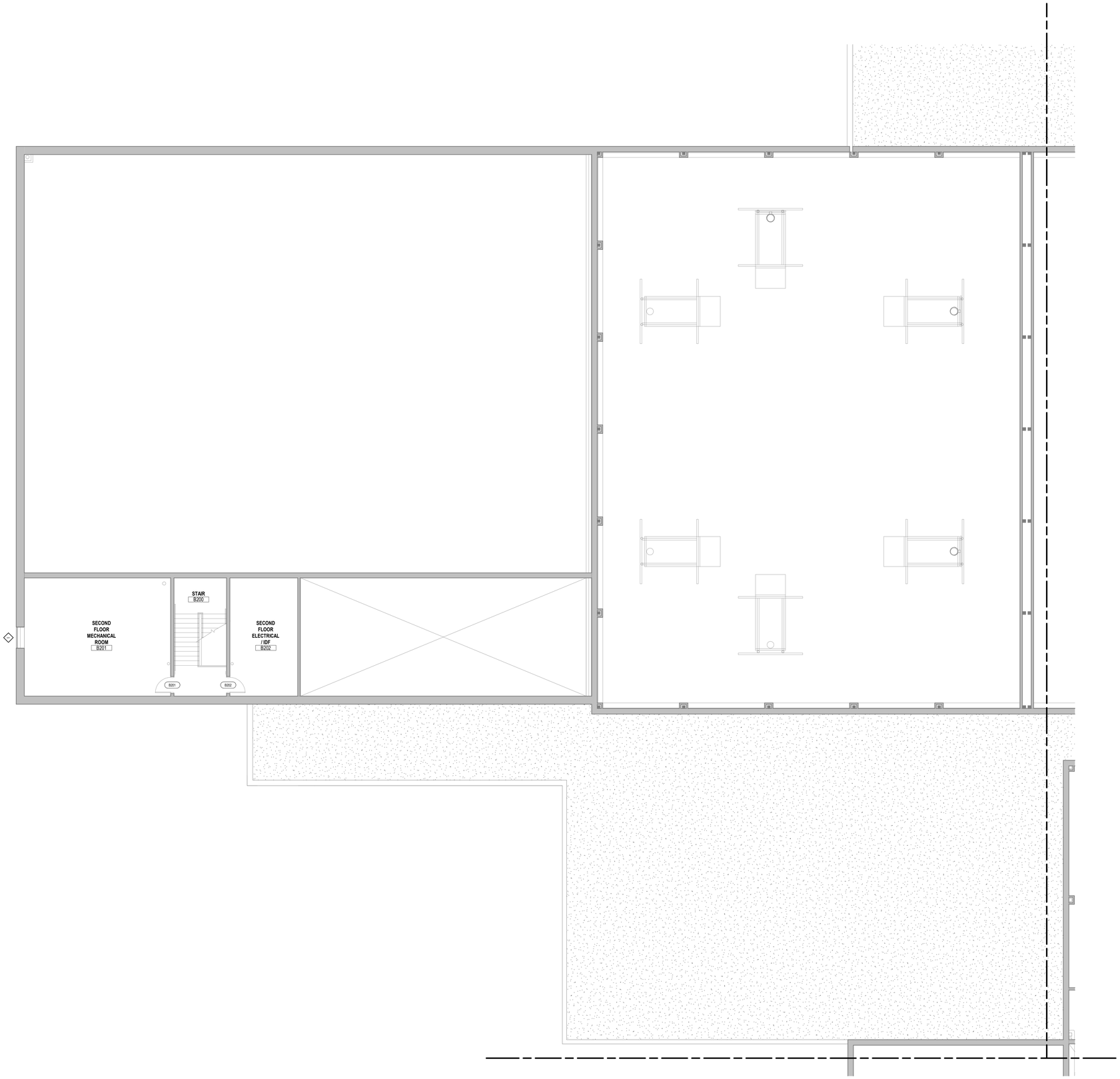

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA A**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01/A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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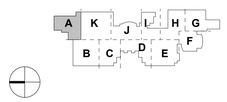
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA A

SHEET NUMBER
A-102-A

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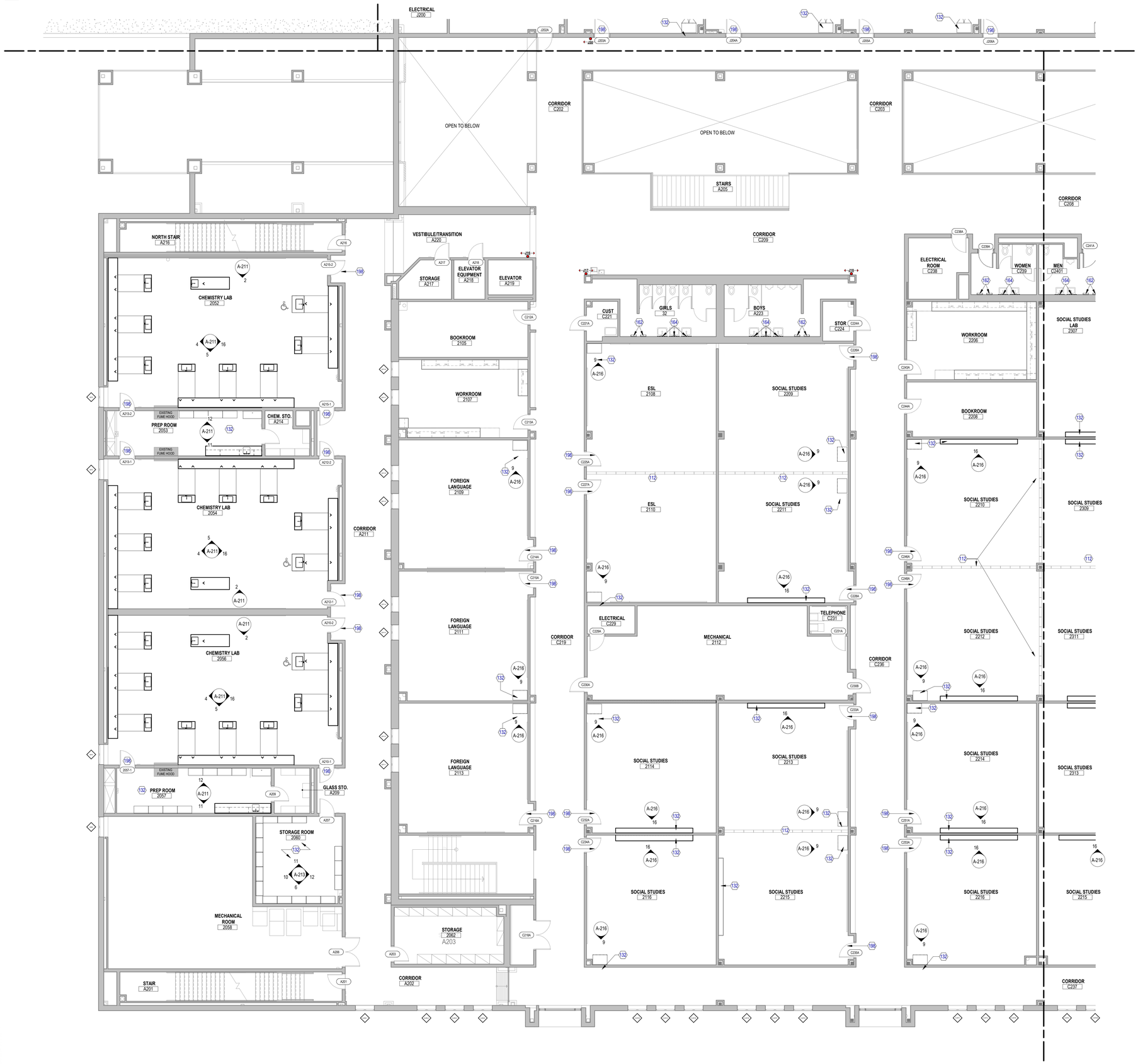

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA B**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
112	REPLACE VINYL COVERING ON ALL SECOND FLOOR FOLDING PARTITIONS; RE: FINISH SCHEDULE. THE CONTRACTOR TO TEST ALL PARTITIONS BEFORE AND AFTER INSTALLATION, DOCUMENTING FUNCTIONALITY.
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL.
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01/A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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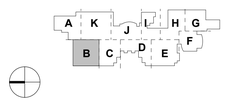
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINGATE 21909 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA B

SHEET NUMBER
A-102-B

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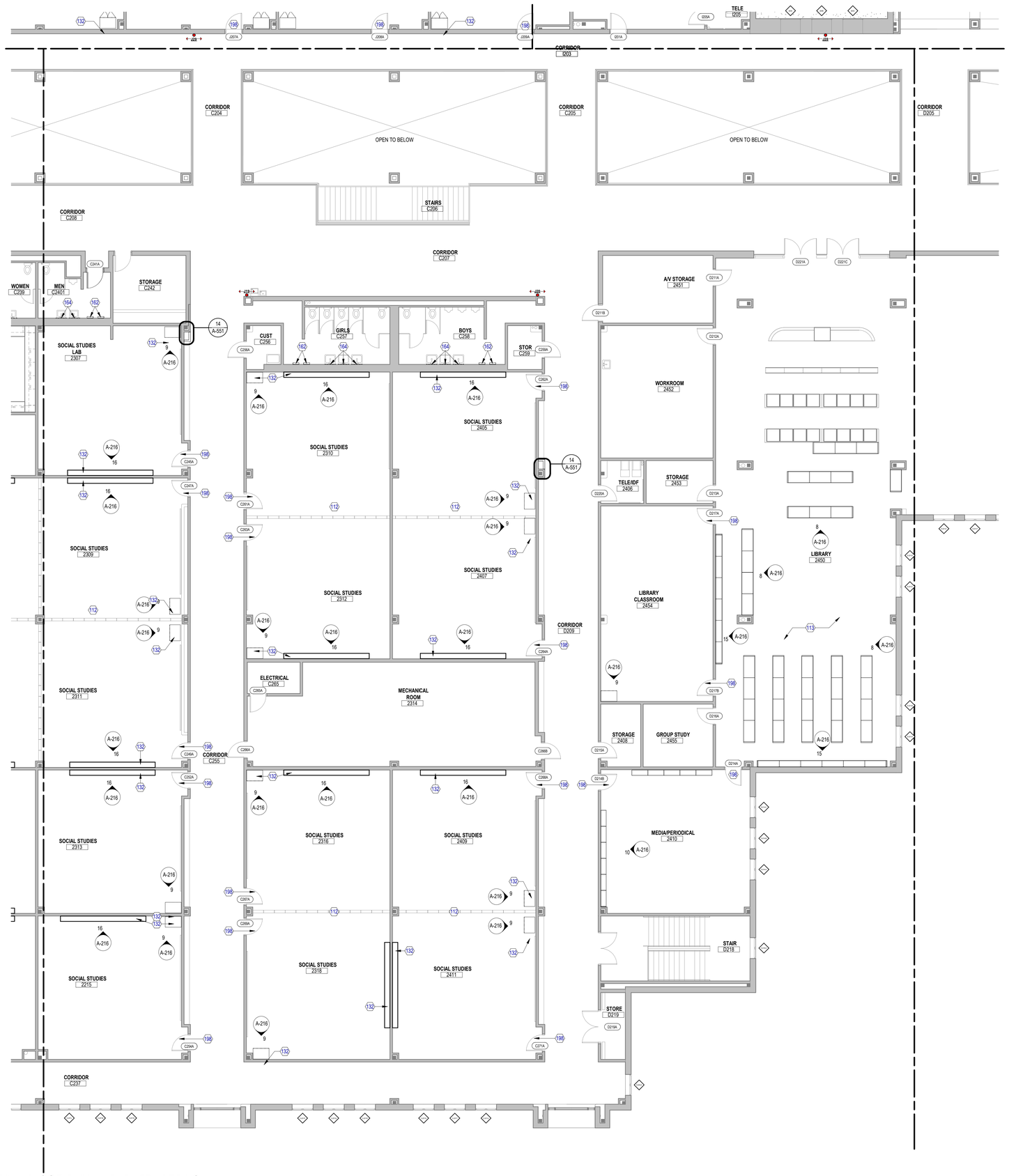

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA C**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
112	REPLACE VINYL COVERING ON ALL SECOND FLOOR FOLDING PARTITIONS; RE: FINISH SCHEDULE. THE CONTRACTOR TO TEST ALL PARTITIONS BEFORE AND AFTER INSTALLATION, DOCUMENTING FUNCTIONALITY.
113	PROVIDE NEW METAL LIBRARY SHELVING
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE / REF 01/A101	MATCH LINE / SHEET REFERENCE
14	KEYED NOTE. KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG. REFER TO PARTITION SCHEDULE
1 / A-301	BUILDING SECTION TAG. WALL SECTION TAG
1 / A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 / A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME / ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
	NEW PARTITION REF PARTITION SCHEDULE
	EXISTING PARTITION
A	COLUMN GRID DESIGNATIONS
1002	NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE
28	NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS

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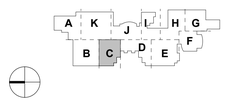

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINCHESTER 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA C

SHEET NUMBER

A-102-C

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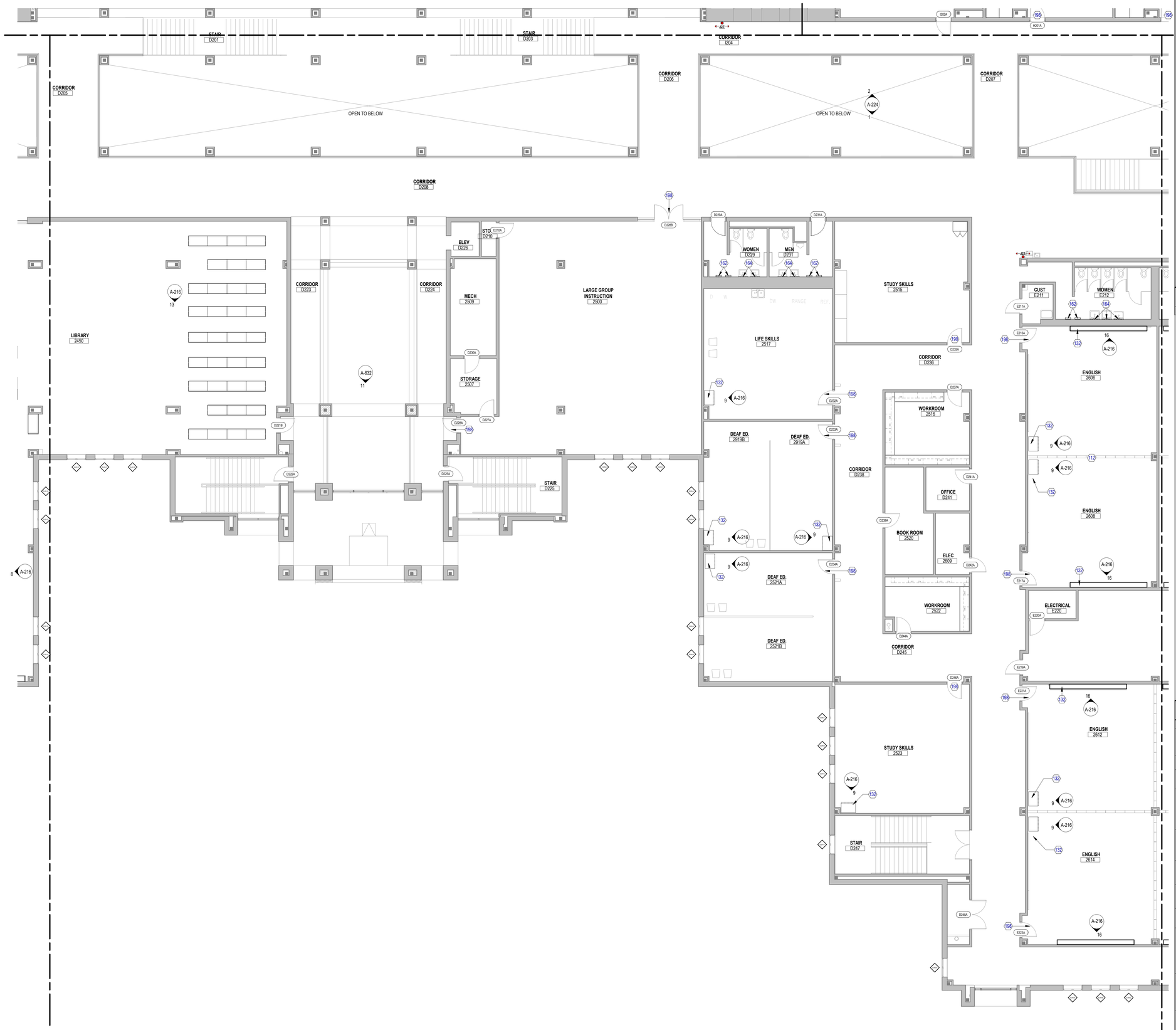

1 ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA D
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
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KEYED NOTES

NUMBER	DESCRIPTION
112	REPLACE VINYL COVERING ON ALL SECOND FLOOR FOLDING PARTITIONS; RE: FINISH SCHEDULE. THE CONTRACTOR TO TEST ALL PARTITIONS BEFORE AND AFTER INSTALLATION, DOCUMENTING FUNCTIONALITY.
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
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198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01/A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
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1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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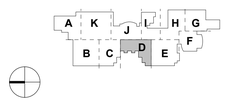
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
STEPHANIE WINCHELL BERRY
27906
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA D

SHEET NUMBER
A-102-D

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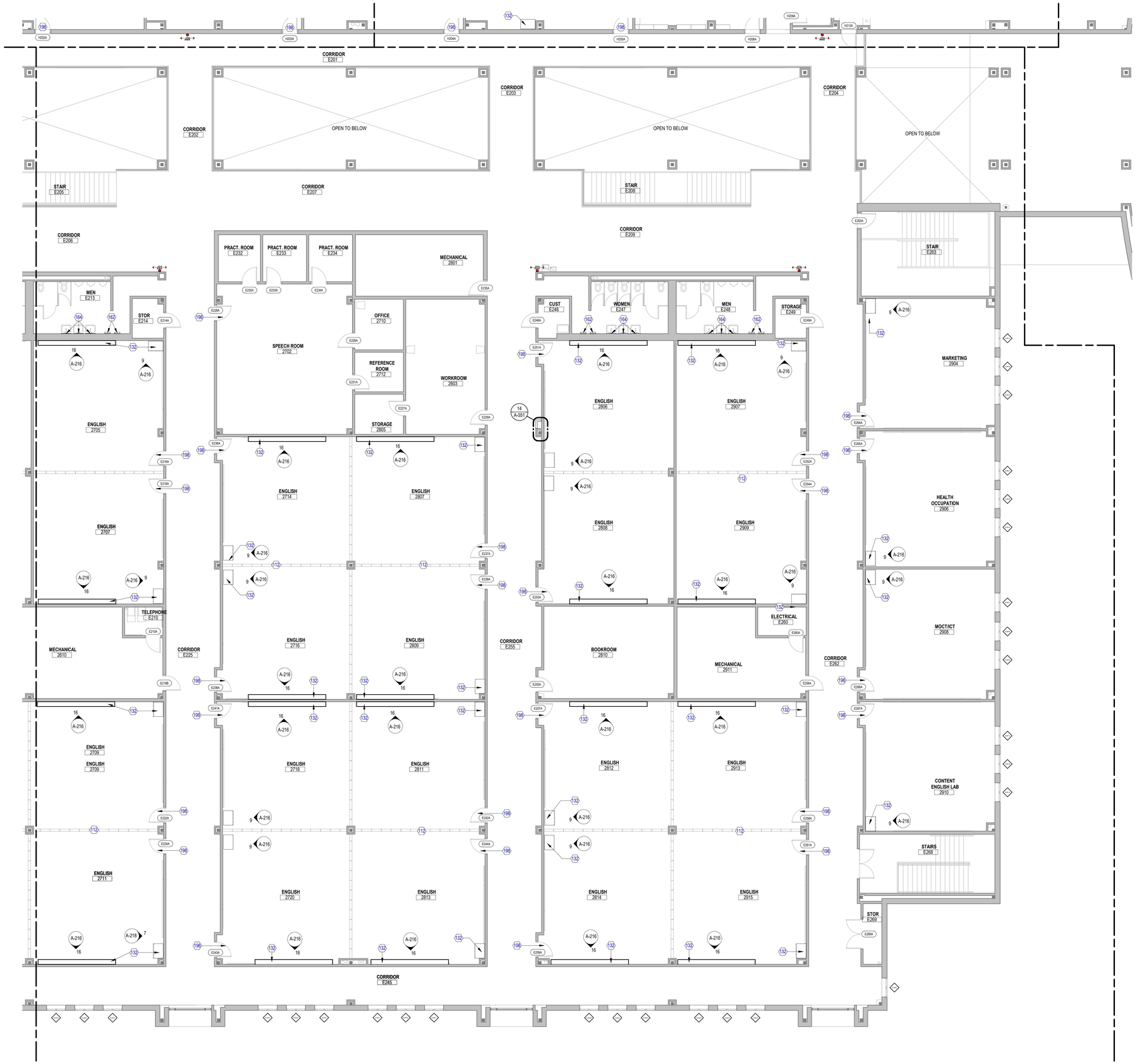

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA E**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
112	REPLACE VINYL COVERING ON ALL SECOND FLOOR FOLDING PARTITIONS; RE: FINISH SCHEDULE. THE CONTRACTOR TO TEST ALL PARTITIONS BEFORE AND AFTER INSTALLATION, DOCUMENTING FUNCTIONALITY.
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
162	REPLACE ALL EXISTING ELECTRIC HAND DRYERS WITH NEW DISTRICT STANDARD MODEL: SANIFLO M06AF-UL.
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE / REF 01/A101	MATCH LINE / SHEET REFERENCE
14	KEYED NOTE — KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG — REFER TO PARTITION SCHEDULE
1 / A-301	BUILDING SECTION TAG / WALL SECTION TAG
1 / A-201	EXTERIOR ELEVATION TAG
1 / A-211	INTERIOR ELEVATION TAG
1 / A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME / ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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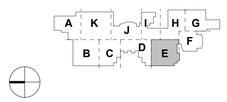
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINGATE 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA E

SHEET NUMBER
A-102-E

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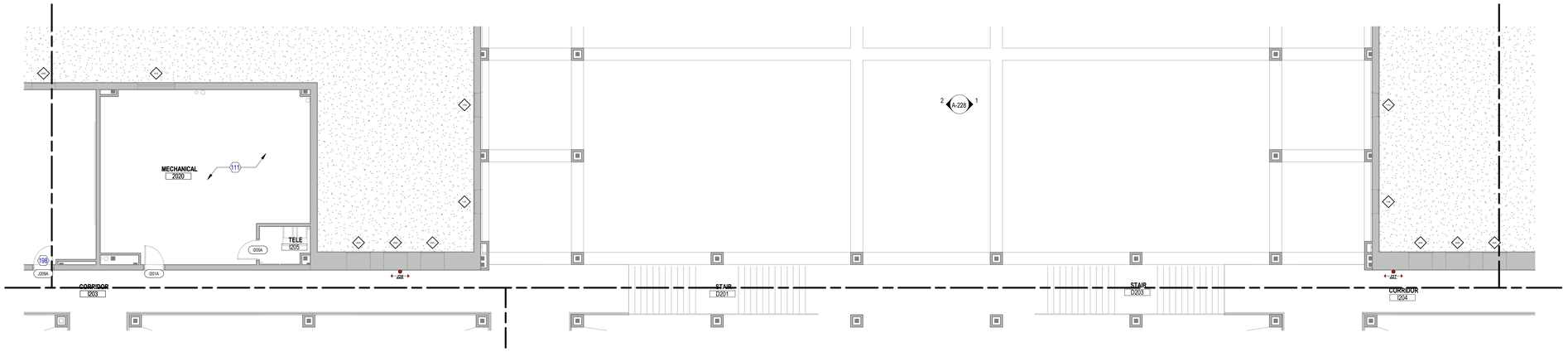
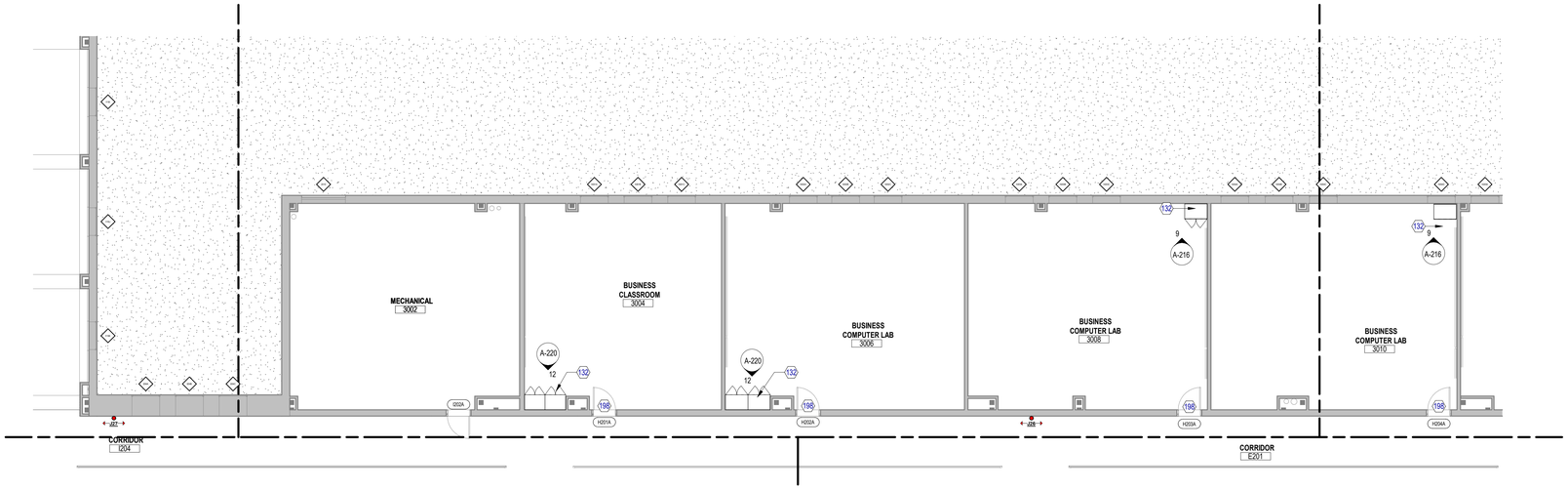


3 ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA J

SCALE: 1/8" = 1'-0"



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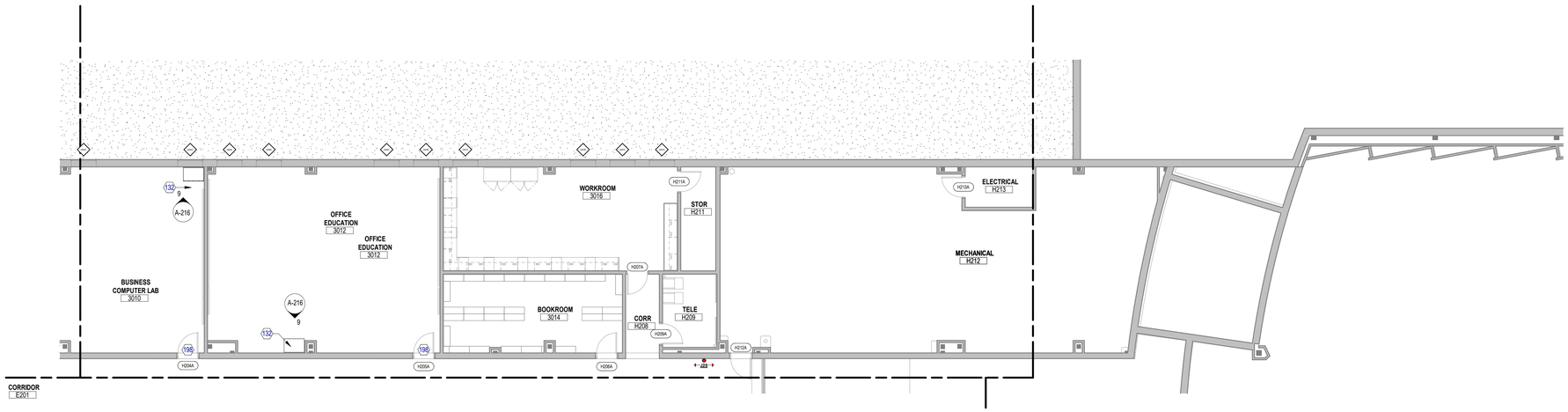
SCALE: 1/8" = 1'-0"



1 ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA H

SCALE: 1/8" = 1'-0"

KEYED NOTES

NUMBER	DESCRIPTION
111	NO SCOPE IN THIS AREA
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE / REF 01/A101	MATCH LINE / SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 / A-301	BUILDING SECTION TAG WALL SECTION TAG
1 / A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 / A-431	PLAN REFERENCE TAG
ROOM NAME / 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
	NEW PARTITION REF PARTITION SCHEDULE
	EXISTING PARTITION
A	COLUMN GRID DESIGNATIONS
1002	NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE
28	NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS

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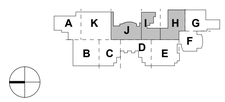
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREAS H, I, & J

SHEET NUMBER

A-102-H, I & J

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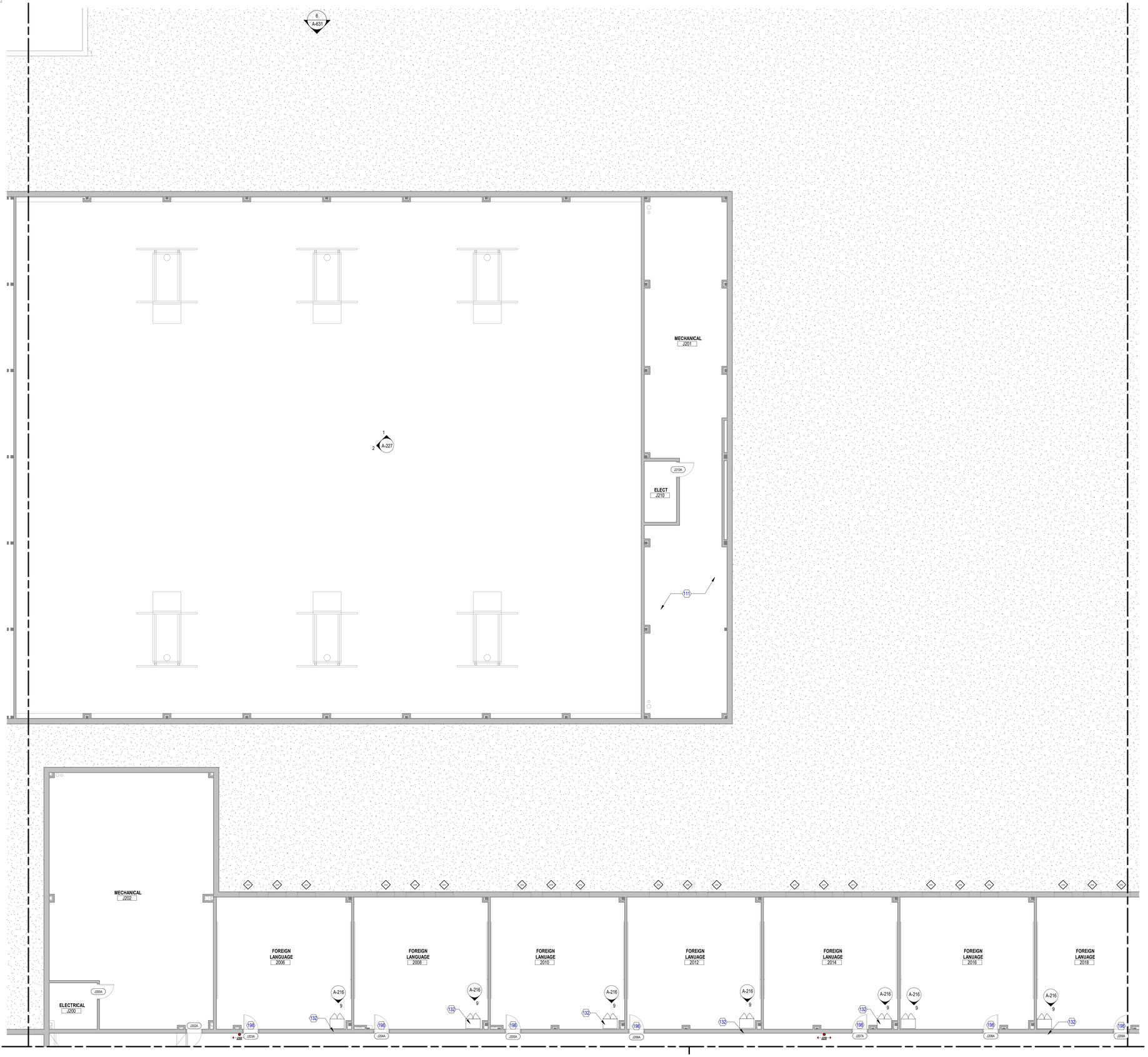

1 **ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA K**
SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
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14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
111	NO SCOPE IN THIS AREA
132	NEW CASEWORK - REFER TO ELEVATIONS FOR DETAILS.
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE / REF 01 / A101	MATCH LINE / SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 / A-301	BUILDING SECTION TAG WALL SECTION TAG
1 / A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 / A-431	PLAN REFERENCE TAG
ROOM NAME / 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
	NEW PARTITION REF PARTITION SCHEDULE
	EXISTING PARTITION
A	COLUMN GRID DESIGNATIONS
1002	NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE
28	NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS

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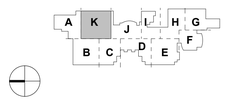
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT MILANE W. HICKS 12908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22021	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

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DECEMBER 09, 2024

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ARCHITECTURAL - FLOOR PLAN - LEVEL 02 - AREA K

SHEET NUMBER
A-102-K

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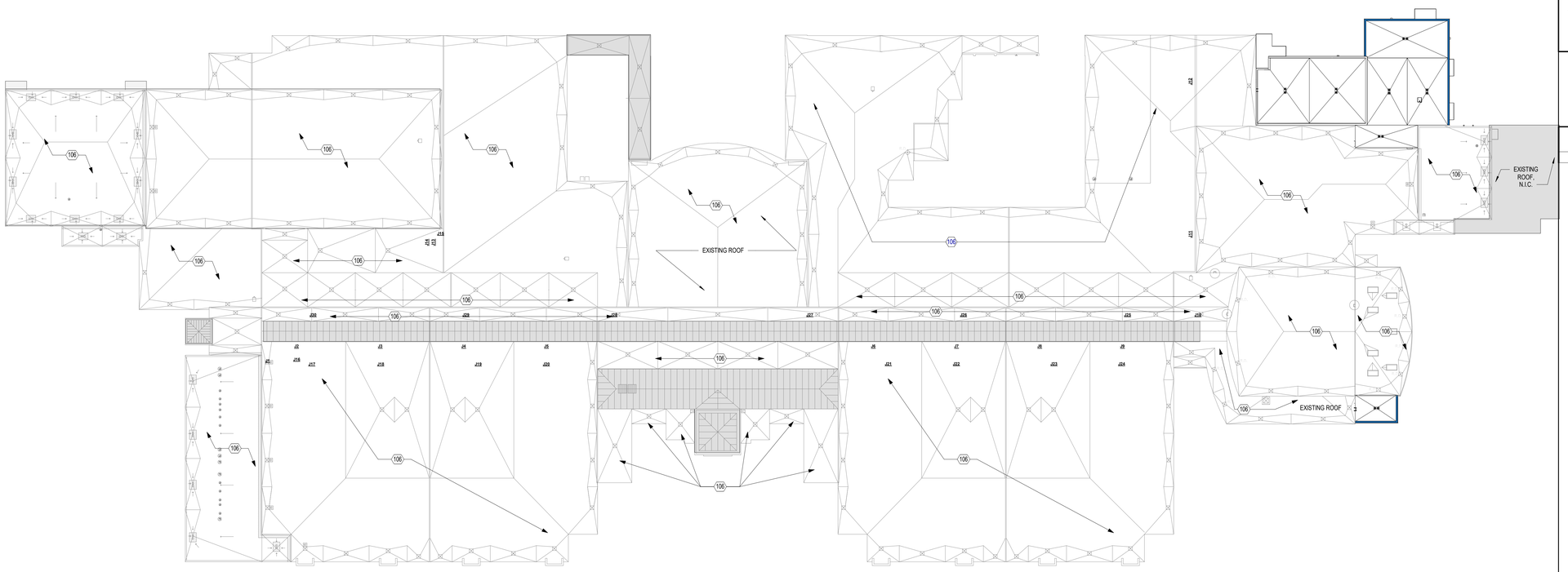

1 ARCHITECTURAL - OVERALL ROOF PLAN

SCALE: 1" = 40'-0"

ROOF PLAN GENERAL NOTES

1. REFER TO SECTION 07540 OF THE PROJECT MANUAL FOR ROOF SYSTEM REQUIREMENTS.
2. INSTALL ROOF SYSTEM COMPONENTS IN STRICT ACCORDANCE MANUFACTURER'S REQUIREMENTS.
3. ALL COMPONENTS INTENDED FOR USE IN THE ROOF SYSTEM SHALL BE APPROVED BY MEMBRANE MANUFACTURER.
4. CRICKETS & SADDLES - WHERE INDICATED PROVIDE TAPERED, FACTORY-CUT, PRE PACKAGED ASSEMBLIES OF SAME MATERIAL AS UNDERLYING INSULATION. PROVIDE SLOPES REQUIRED LIMITING PONDING OF WATER TO NO MORE THAN 24 HOURS.
5. BITUMEN/ADHESIVE ENVELOPES AND/OR METAL STOPS ARE REQUIRED AT ALL PERIMETERS AND ROOF PENETRATIONS.
6. DO NOT ALLOW ROOFING WORK TO STAIN ROOF TOP PIPE, CONDUIT, BUILDING STRUCTURE, AND/OR BUILDING ENVELOPE.
7. DO NOT ALLOW ROOFING DEBRIS TO ENTER DRAIN SYSTEM. INSPECT ROOF AND VERIFY UNRESTRICTED DRAINAGE EACH DAY AND END OF WORK.
8. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS OF ROOF AREAS, LOCATIONS OF ROOFTOP EQUIPMENT, AND INCIDENTAL ITEMS OF WORK. THE DRAWINGS ARE DIAGRAMMATIC AND INDICTED DESIGN INTENT AND NOT EXACT QUANTITIES.
9. THE ABSENCE OF INCREMENTAL ITEMS OF WORK ON THE CONTRACT DOCUMENTS DOES NOT ALLEVIATE THE CONTRACTOR OF RESPONSIBILITY OF PROVIDING ALL WORK REQUIRED TO PROPERLY ROOF, FLASH, AND MAKE WATERPROOF ALL ITEMS THAT CAN BE REASONABLY INFERRED AS BEING PART OF THE WORK.
10. REFER TO MANUFACTURER'S RECOMMENDED DETAILS OR NRCA STANDARD DETAILS, WHICH EVER IS MOST STRINGENT, FOR CONDITIONS NOT DETAILED.
11. ROOFING MATERIAL S, BOTH STORED AND IN PLACE, SHALL BE PROTECTED FROM WEATHER INCLUDING WIND AND MOISTURE. PROVIDE CUT OFFS, ETC AT THE END OF EACH DAY'S WORK. WET OR OTHERWISE COMPROMISED ROOF MATERIALS SHALL BE REMOVED FROM THE SITE AND REPLACED AT CONTRACTORS EXPENSE.
12. ROOF SLOPES SHOWN ON THE CONTRACT DOCUMENTS INDICATED DESIGN INTENT. PROVIDE ROOF SLOPES AS REQUIRED TO LIMIT PONDING OF WATER TO NO MORE THAN 24 HOURS.
13. METAL FLASHINGS - PROVIDE CONCEALED (INTERNAL) SPLICE PLATES TYPICAL AT ALL METAL FLASHINGS AND COPINGS EXPOSED TO PUBLIC VIEW.
14. AT PERIMETER OF ALL ROOF PROVIDE FACTORY FABRICATED, CONTINUOUS 24" WIDE TAPERED PERLITE EDGE STRIP BETWEEN THERMAL INSULATION AND RETRO BOARD. PROVIDE MIN. ½"/FOOT SLOPE.
15. AT ALL ROOF TOP EQUIPMENT PROVIDE FACTORY PAINTED FINISH AT EXPOSED SURFACES. WHERE FACTORY FINISH IS NOT AVAILABLE FIELD PAINT IN COLOR AS SELECTED BY ARCHITECT.
16. SUMP 48" X 48" TYPICAL AT EA DRAIN.
17. ROOFING CONTRACTOR SHALL PROVIDE & INSTALL ALL FLASHINGS, COUNTERFLASHING'S, EXPANSION JOINT COVERS, & GUTTERS. ROOFING CONTRACTOR SHALL INSTALL ROOF DRAINS AND FLASHINGS & COUNTER FLASHING CALLED FOR ON ALL MECHANICAL EQUIPMENT. ALL ROOF FLASHINGS AND COUNTERFLASHING SHALL BE STAINLESS STEEL WHEN CONCEALED FROM VIEW AND STAINLESS STEEL WHEN EXPOSED TO VIEW SCUPPERS SHALL BE PRE-FINISHED GALV. METAL.
18. COUNTERFLASHING SHALL BE STAINLESS STEEL WHERE BUILT-UP ROOF SLOPES AT WALL LINE. UNIFORMLY STEP FLASHINGS AS DIRECTED BY ARCHITECT AND LAP JOINTS 3" MINIMUM IN A WATERTIGHT CONDITION.

KEYED NOTES

NUMBER	DESCRIPTION
106	NEW CAP SHEET ON EXISTING MOD BIT ROOFING MEMBRANE (288,00SF)

ROOF PLAN LEGEND

SYMBOL	DESCRIPTION
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
	NOT IN CONTRACT (N.I.C.)
1/4" / 1'-0"	ROOF SLOPE
115'-6"	SPOT ELEVATION

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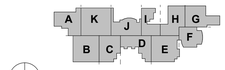
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM W. PAGE 27908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

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DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - ROOF PLAN

SHEET NUMBER
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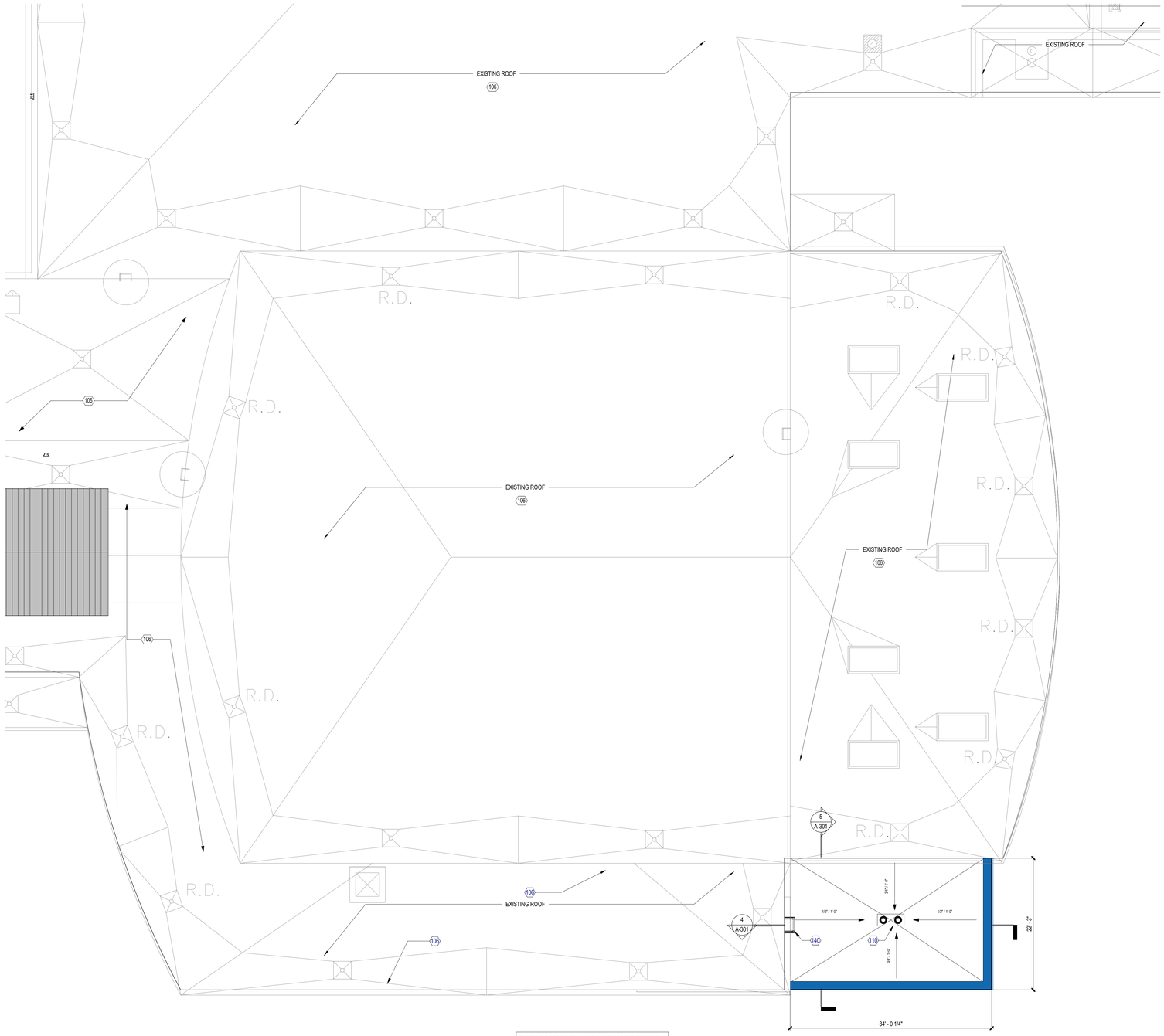

EXISTING ROOF TO REMAIN, DO NOT USE THE EXISTING ROOF FOR STORING EXISTING OR NEW MATERIALS; CONTRACTOR TO REPAIR ALL DAMAGE TO EXISTING ROOF DUE TO CONSTRUCTION.

1 ARCHITECTURAL - ROOF PLAN - AREA F

SCALE: 1/8" = 1'-0"

ROOF PLAN GENERAL NOTES

1. REFER TO SECTION 07540 OF THE PROJECT MANUAL FOR ROOF SYSTEM REQUIREMENTS.
2. INSTALL ROOF SYSTEM COMPONENTS IN STRICT ACCORDANCE MANUFACTURER'S REQUIREMENTS.
3. ALL COMPONENTS INTENDED FOR USE IN THE ROOF SYSTEM SHALL BE APPROVED BY MEMBRANE MANUFACTURER.
4. CRICKETS & SADDLES - WHERE INDICATED PROVIDE TAPERED, FACTORY-CUT, PRE PACKAGED ASSEMBLIES OF SAME MATERIAL AS UNDERLYING INSULATION. PROVIDE SLOPES REQUIRED LIMITING PONDING OF WATER TO NO MORE THAN 24 HOURS.
5. BITUMEN/ADHESIVE ENVELOPES AND/OR METAL STOPS ARE REQUIRED AT ALL PERIMETERS AND ROOF PENETRATIONS.
6. DO NOT ALLOW ROOFING WORK TO STAIN ROOF TOP PIPE, CONDUIT, BUILDING STRUCTURE, AND/OR BUILDING ENVELOPE.
7. DO NOT ALLOW ROOFING DEBRIS TO ENTER DRAIN SYSTEM. INSPECT ROOF AND VERIFY UNRESTRICTED DRAINAGE EACH DAY AND END OF WORK.
8. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS OF ROOF AREAS, LOCATIONS OF ROOFTOP EQUIPMENT, AND INCIDENTAL ITEMS OF WORK. THE DRAWINGS ARE DIAGRAMMATIC AND INDICTED DESIGN INTENT AND NOT EXACT QUANTITIES.
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10. REFER TO MANUFACTURER'S RECOMMENDED DETAILS OR NRCA STANDARD DETAILS, WHICH EVER IS MOST STRINGENT, FOR CONDITIONS NOT DETAILED.
11. ROOFING MATERIAL S, BOTH STORED AND IN PLACE, SHALL BE PROTECTED FROM WEATHER INCLUDING WIND AND MOISTURE. PROVIDE CUT OFFS, ETC AT THE END OF EACH DAY'S WORK. WET OR OTHERWISE COMPROMISED ROOF MATERIALS SHALL BE REMOVED FROM THE SITE AND REPLACED AT CONTRACTORS EXPENSE.
12. ROOF SLOPES SHOWN ON THE CONTRACT DOCUMENTS INDICATED DESIGN INTENT. PROVIDE ROOF SLOPES AS REQUIRED TO LIMIT PONDING OF WATER TO NO MORE THAN 24 HOURS.
13. METAL FLASHINGS - PROVIDE CONCEALED (INTERNAL) SPLICE PLATES TYPICAL AT ALL METAL FLASHINGS AND COPINGS EXPOSED TO PUBLIC VIEW.
14. AT PERIMETER OF ALL ROOF PROVIDE FACTORY FABRICATED, CONTINUOUS 24" WIDE TAPERED PERLITE EDGE STRIP BETWEEN THERMAL INSULATION AND RETRO BOARD. PROVIDE MIN. ½"/FOOT SLOPE.
15. AT ALL ROOF TOP EQUIPMENT PROVIDE FACTORY PAINTED FINISH AT EXPOSED SURFACES. WHERE FACTORY FINISH IS NOT AVAILABLE FIELD PAINT IN COLOR AS SELECTED BY ARCHITECT.
16. SUMP 48" X 48" TYPICAL AT EA DRAIN.
17. ROOFING CONTRACTOR SHALL PROVIDE & INSTALL ALL FLASHINGS, COUNTERFLASHING'S, EXPANSION JOINT COVERS, & GUTTERS. ROOFING CONTRACTOR SHALL INSTALL ROOF DRAINS AND FLASHINGS & COUNTER FLASHING CALLED FOR ON ALL MECHANICAL EQUIPMENT. ALL ROOF FLASHINGS AND COUNTERFLASHING SHALL BE STAINLESS STEEL WHEN CONCEALED FROM VIEW AND STAINLESS STEEL WHEN EXPOSED TO VIEW SCUPPERS SHALL BE PRE-FINISHED GALV. METAL.
18. COUNTERFLASHING SHALL BE STAINLESS STEEL WHERE BUILT-UP ROOF SLOPES AT WALL LINE. UNIFORMLY STEP FLASHINGS AS DIRECTED BY ARCHITECT AND LAP JOINTS 3" MINIMUM IN A WATERTIGHT CONDITION.

KEYED NOTES

NUMBER	DESCRIPTION
106	NEW CAP SHEET ON EXISTING MOD BIT ROOFING MEMBRANE (288,00SF)
110	RD/OD. REFER; MEP DRAWINGS
140	ROOF LADDER. REF; DETAIL 6/A-502.

ROOF PLAN LEGEND

SYMBOL	DESCRIPTION
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
	NOT IN CONTRACT (N.I.C.)
1/4" / 1'-0"	ROOF SLOPE
115'-6"	SPOT ELEVATION

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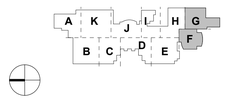
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM E. WINDHAM 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - ROOF PLAN - AREA F

SHEET NUMBER
A-103-F

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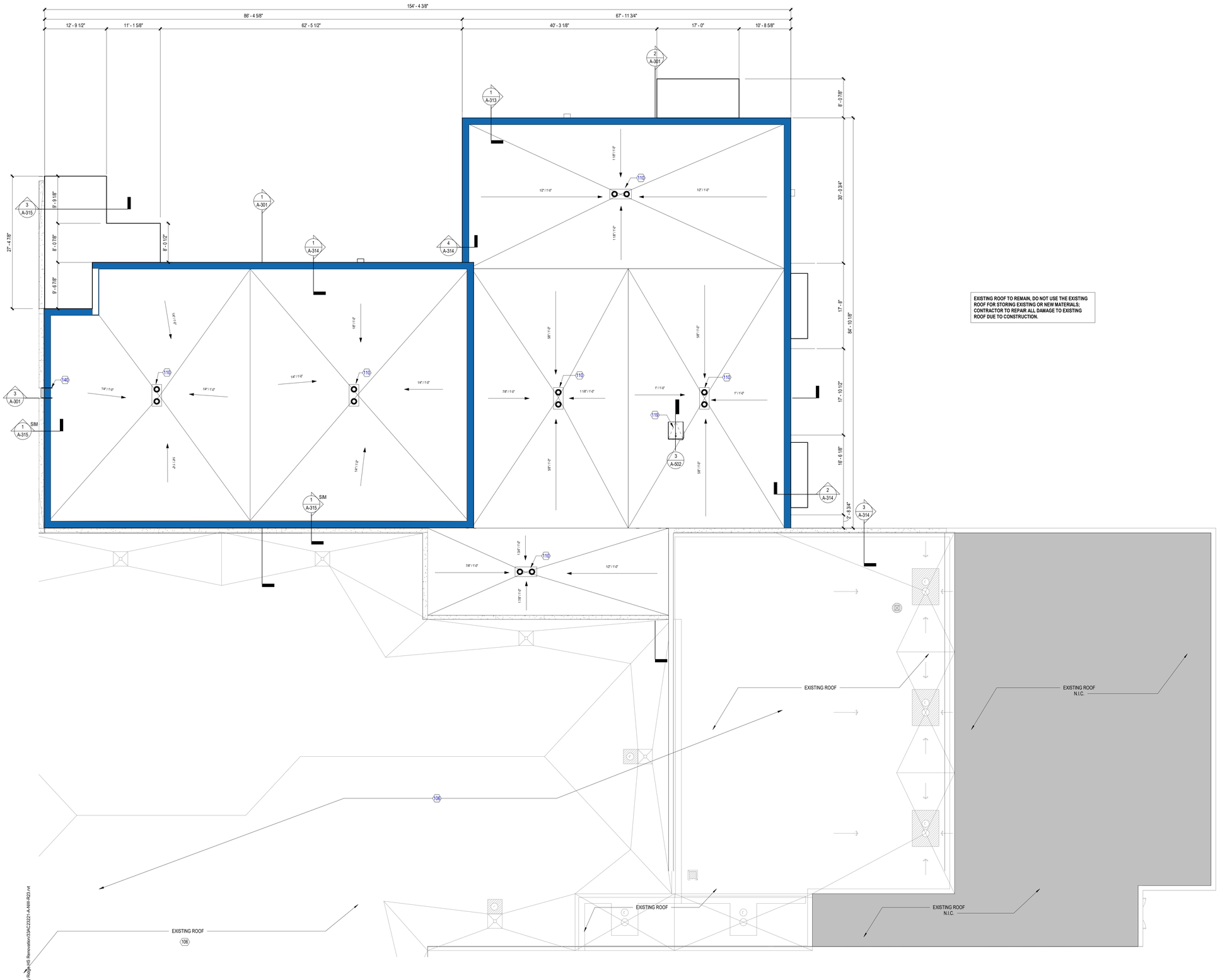

EXISTING ROOF TO REMAIN, DO NOT USE THE EXISTING ROOF FOR STORING EXISTING OR NEW MATERIALS; CONTRACTOR TO REPAIR ALL DAMAGE TO EXISTING ROOF DUE TO CONSTRUCTION.

1 ARCHITECTURAL - ROOF PLAN - AREA G

SCALE: 1/8" = 1'-0"

ROOF PLAN GENERAL NOTES

1. REFER TO SECTION 07540 OF THE PROJECT MANUAL FOR ROOF SYSTEM REQUIREMENTS.
2. INSTALL ROOF SYSTEM COMPONENTS IN STRICT ACCORDANCE MANUFACTURER'S REQUIREMENTS.
3. ALL COMPONENTS INTENDED FOR USE IN THE ROOF SYSTEM SHALL BE APPROVED BY MEMBRANE MANUFACTURER.
4. CRICKETS & SADDLES - WHERE INDICATED PROVIDE TAPERED, FACTORY-CUT, PRE PACKAGED ASSEMBLIES OF SAME MATERIAL AS UNDERLYING INSULATION. PROVIDE SLOPES REQUIRED LIMITING PONDING OF WATER TO NO MORE THAN 24 HOURS.
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NUMBER	DESCRIPTION
106	NEW CAP SHEET ON EXISTING MOD BIT ROOFING MEMBRANE (288,00SF)
110	RD/OD. REFER; MEP DRAWINGS
119	ROOF HATCH SYSTEM. REF; CFISD CONSTRUCTION STANDARDS
140	ROOF LADDER. REF; DETAIL 6/A-502.

ROOF PLAN LEGEND

SYMBOL	DESCRIPTION
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
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	NOT IN CONTRACT (N.I.C.)
1/4" / 1'-0"	ROOF SLOPE
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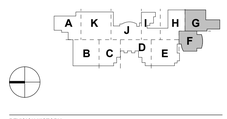

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
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Houston, TX 77041

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DRAWN BY	**CHECKED BY**
Author	Checker

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ARCHITECTURAL - ROOF PLAN - AREA G

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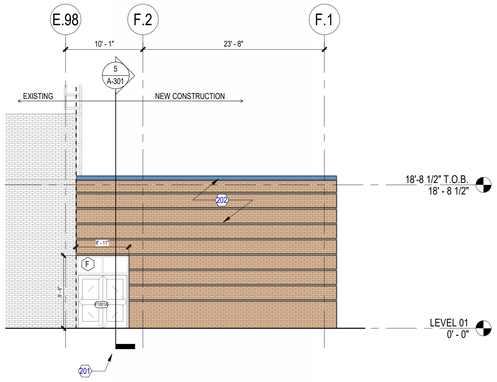
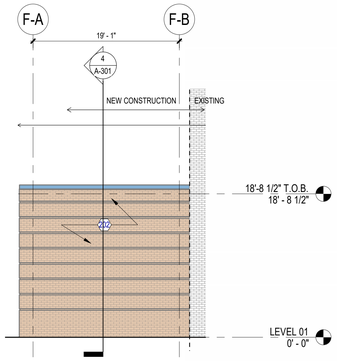


12 AUDITORIUM STORAGE - EXTERIOR ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"



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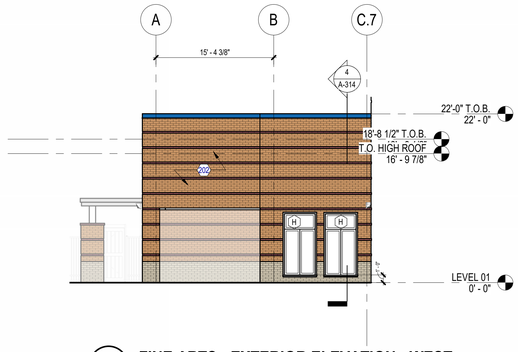

3 FINE ARTS - EXTERIOR ELEVATION - WEST
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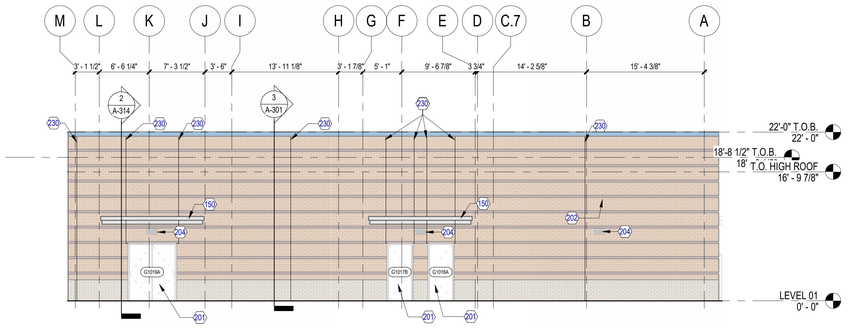

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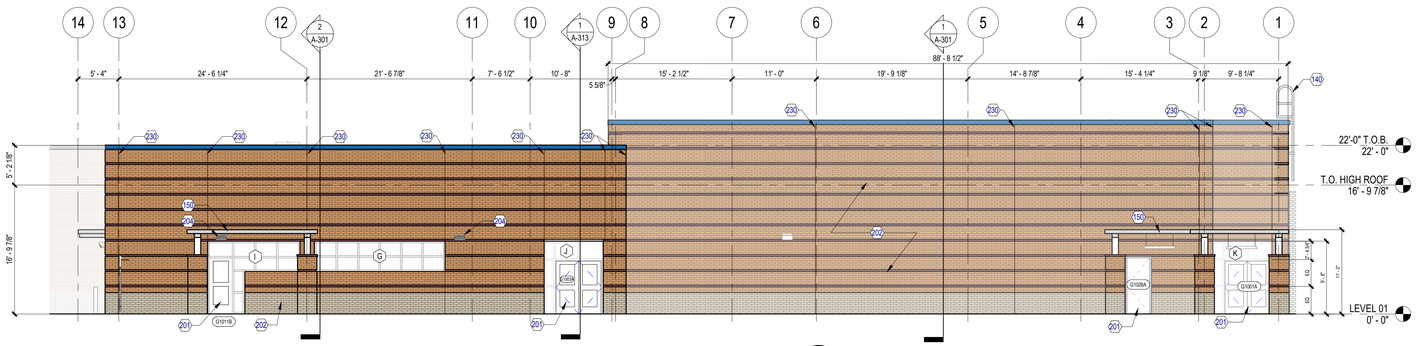

1 FINE ARTS - EXTERIOR ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"

EXTERIOR GENERAL NOTES

1. INSULATED METAL PANEL TYPE A:
   - CENTRIA 3" ARCHITECTURE FOAM PANELS, FORMAWALL DIMENSION SERIES, HORIZONTAL APPLICATION
   - PANEL MODULES VARY 1'-0", 2'-0", AND 3'-0" IN HEIGHT, MAXIMUM 30'-0" IN LENGTH
   - COLOR SERIES "CENTRIA SUNDANCE AM ALUMINUM METALLIC 3-COAT", SPECIFIC COLOR TO BE DETERMINED
   - EXTERIOR SURFACE FINISH TO BE EMBOSSED
2. INSULATED METAL PANEL TYPE B:
   - CENTRIA 3" ARCHITECTURE FOAM PANELS, FORMAWALL DIMENSION SERIES, VERTICAL APPLICATION
   - PANEL MODULES VARY ARE 2'-0" IN WIDTH, MAXIMUM 16'-0" IN HEIGHT
   - COLOR SERIES "CENTRIA SUNDANCE AM ALUMINUM METALLIC 3-COAT", SPECIFIC COLOR TO BE DETERMINED
   - EXTERIOR SURFACE FINISH TO BE EMBOSSED
3. PHENOLIC WALL PANEL TYPE A AND B:
   - TRESPA METEON WOOD DECORS OR PARKLEX FACADE SERIES, COLOR TO BE DETERMINED
   - CONCEALED FASTENERS
4. PRECAST PANEL TYPE A:
   - 9" PRECAST PANEL WITH CUSTOM FORMLINER PATTERN
   - LIGHT COLOR, TO BE DETERMINED
5. PRECAST PANEL TYPE B:
   - 9" PRECAST PANEL WITH CUSTOM FORMLINER PATTERN
   - DARK COLOR, TO BE DETERMINED

EXTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
	VISION GLASS
	TRANSLUCENT GLASS
	SPANDREL GLASS
	FACE BRICK

KEYED NOTES

NUMBER	DESCRIPTION
140	ROOF LADDER. REF; DETAIL 6/A-502.
150	NEW PRE-FINISHED ALUMINUM CANOPY SYSTEM. REFER TO ADDITIONAL DETAILS AND STRUCTURAL
201	SCHEDULED DOOR
202	FACE BRICK
204	WALL PACK LIGHTING
230	CONTROL JOINT

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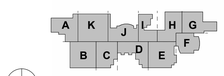
KEYPLAN



REVISION HISTORY

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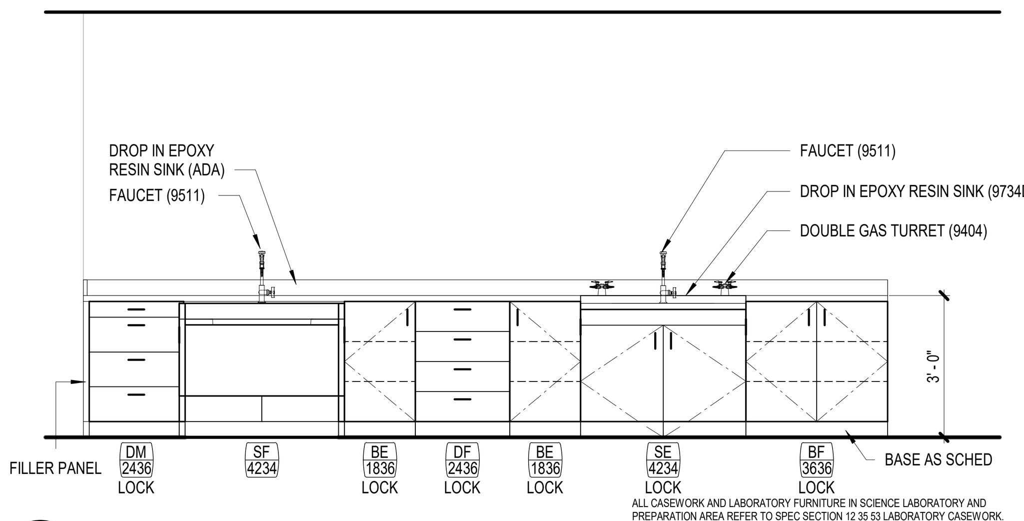

16 **CHEMISTRY - 1152, 1154(O.H.), 1156, 1158(O.H.), 2052, 2054(O.H.),2056**
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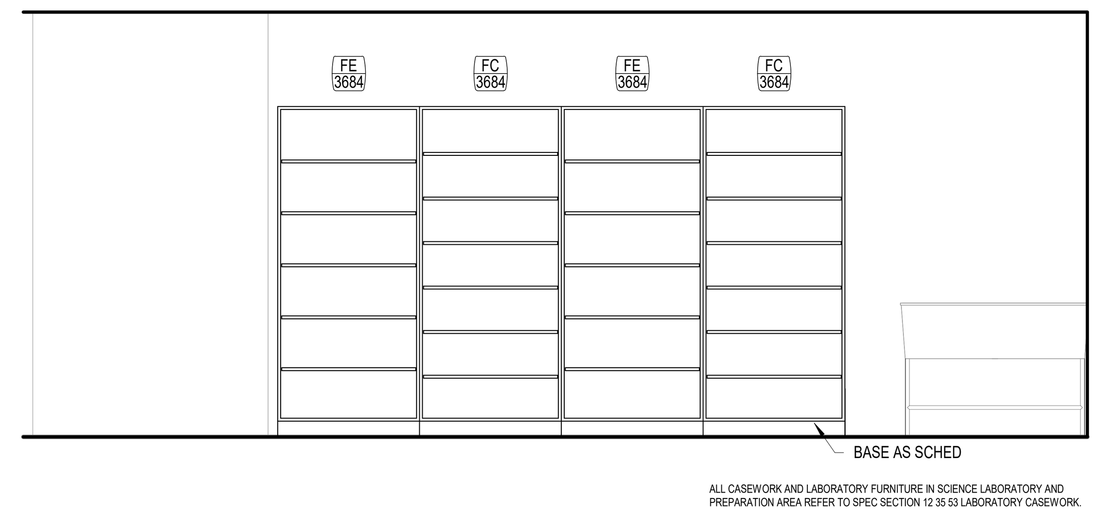
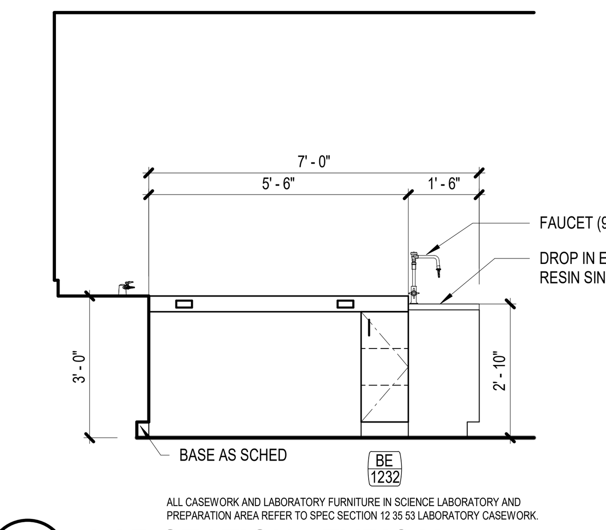


12 **CHEMISTRY PREP ROOM-NORTH**
SCALE: 3/8" = 1'-0"



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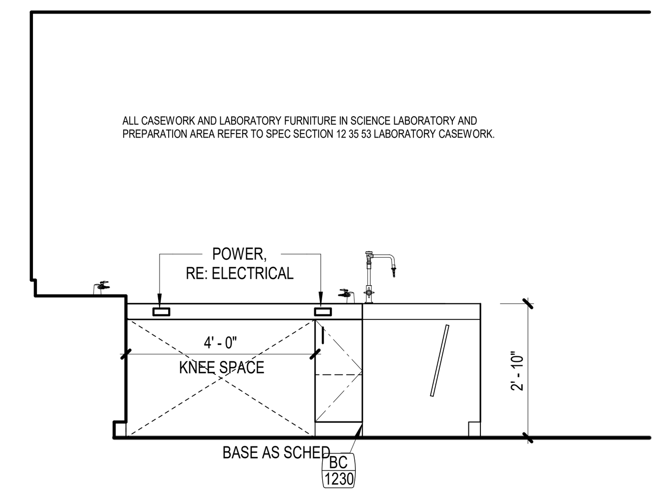

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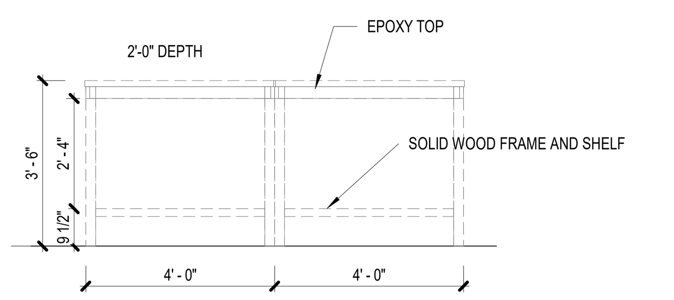

17 **AQUATIC LAB TABLE - FRONT**
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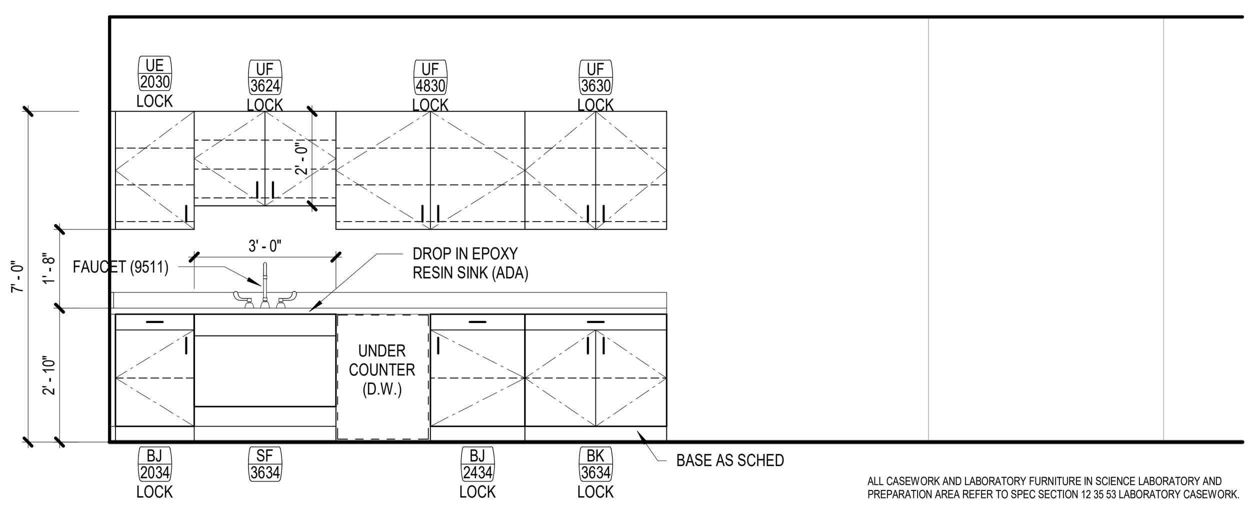

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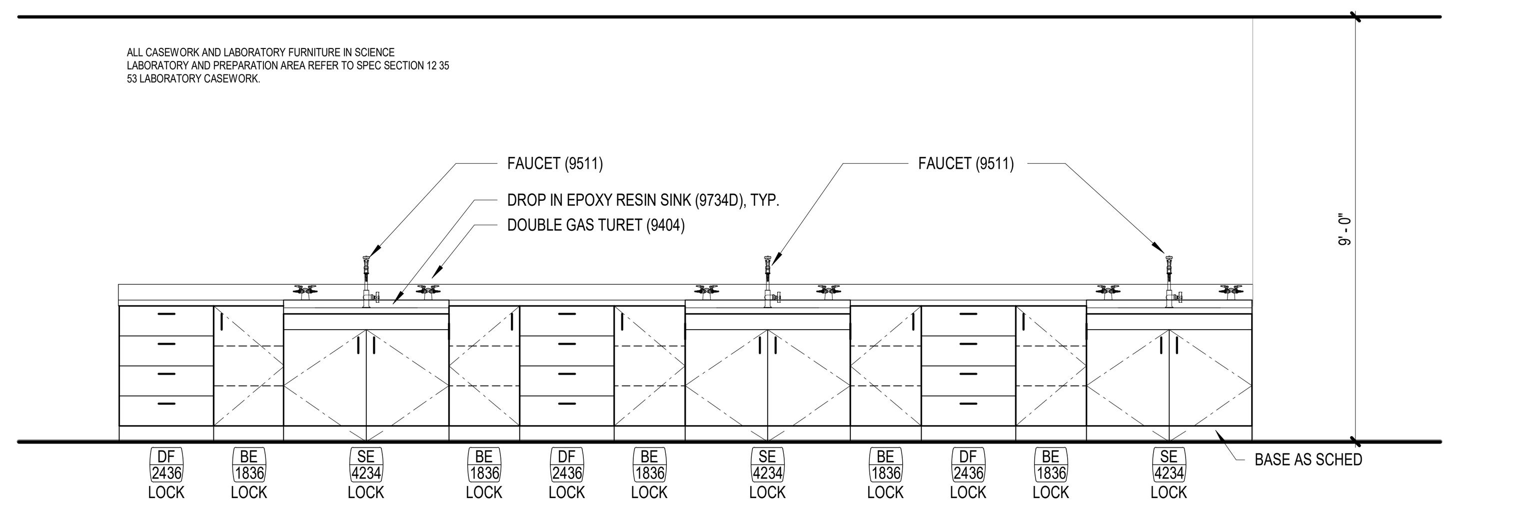
SCALE: 3/8" = 1'-0"



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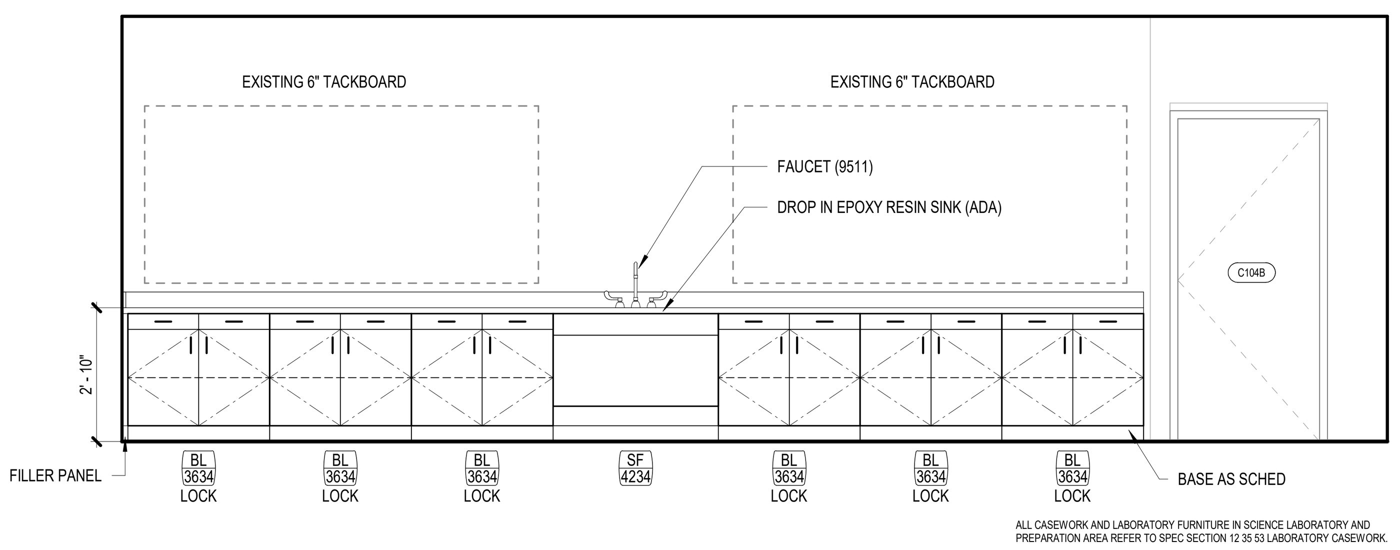
SCALE: 3/8" = 1'-0"



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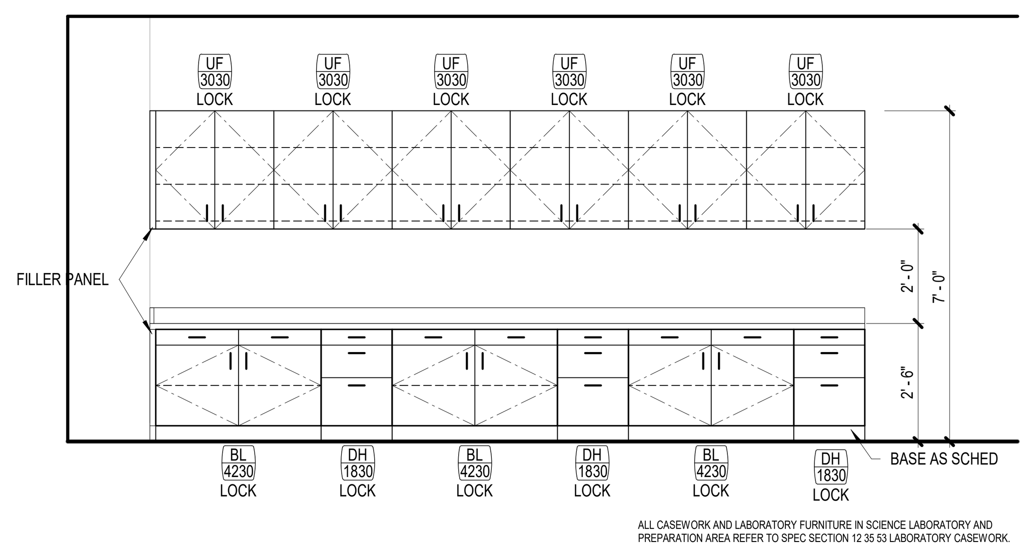

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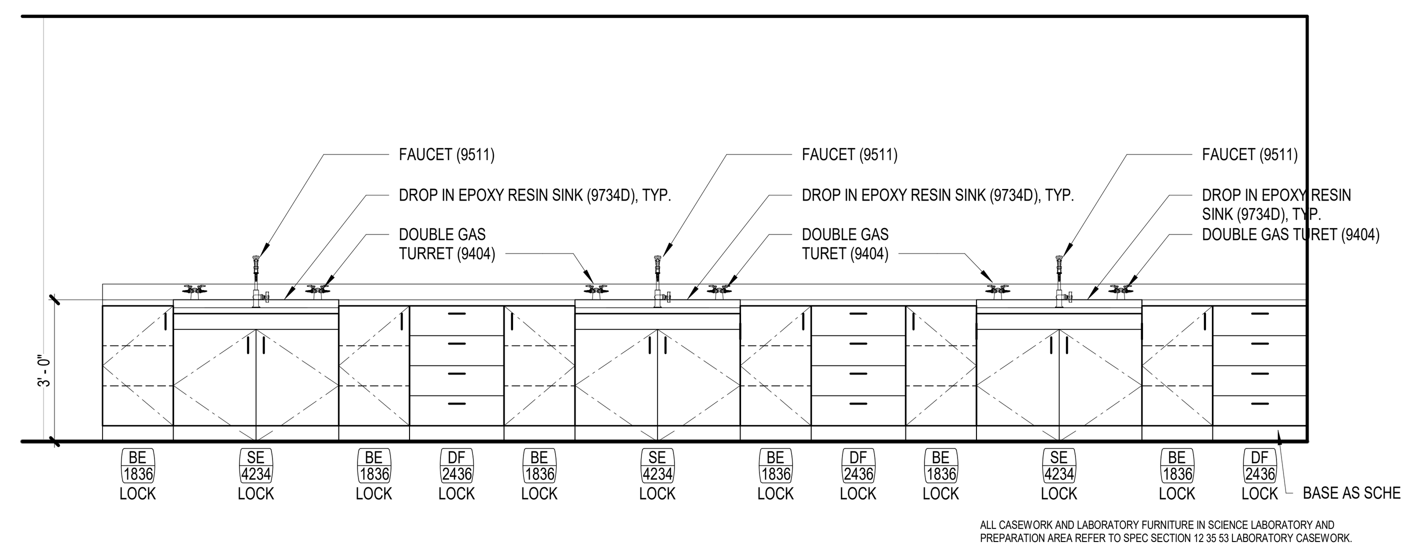
SCALE: 3/8" = 1'-0"



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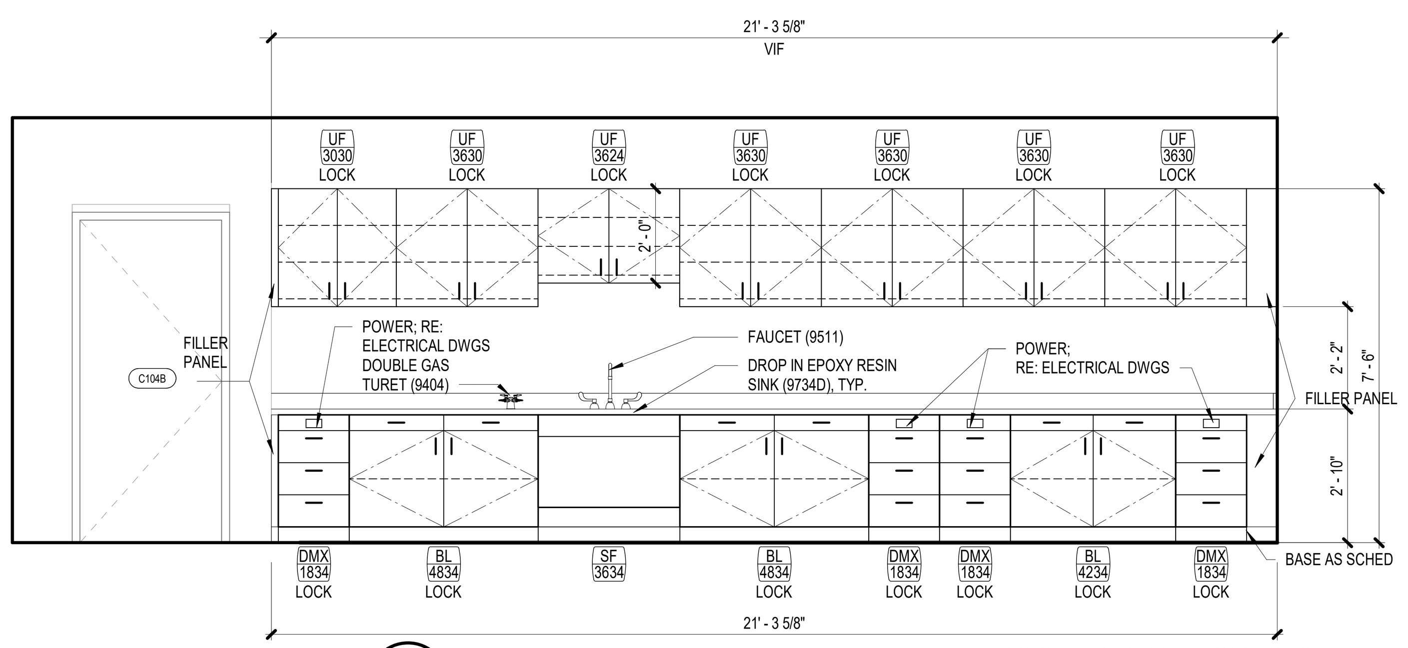
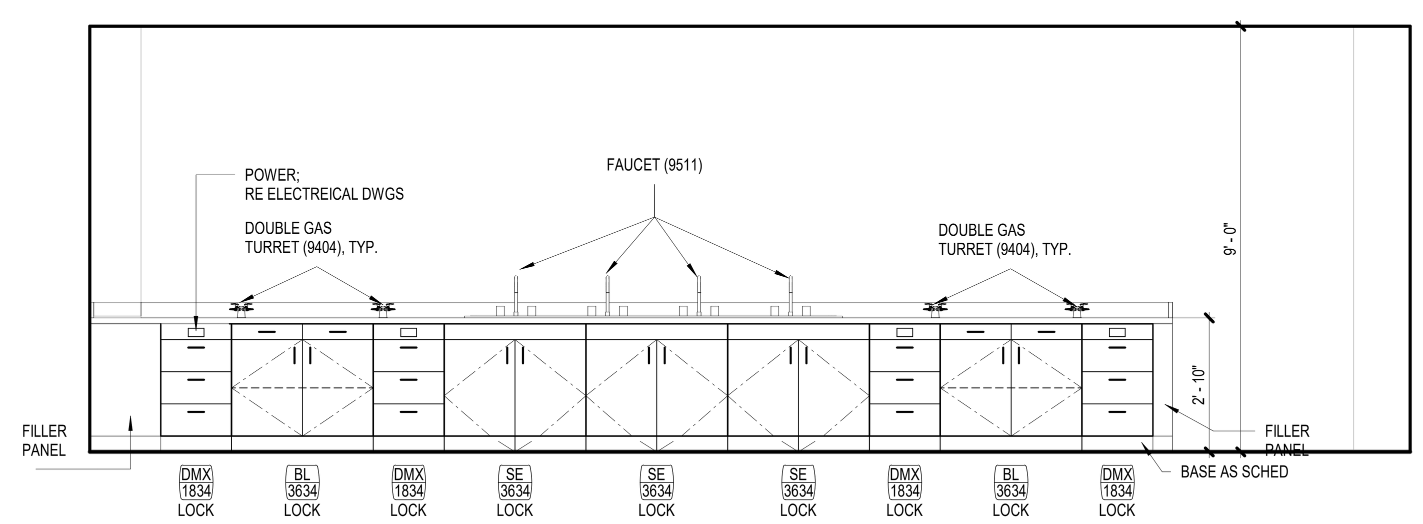
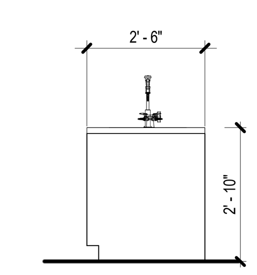


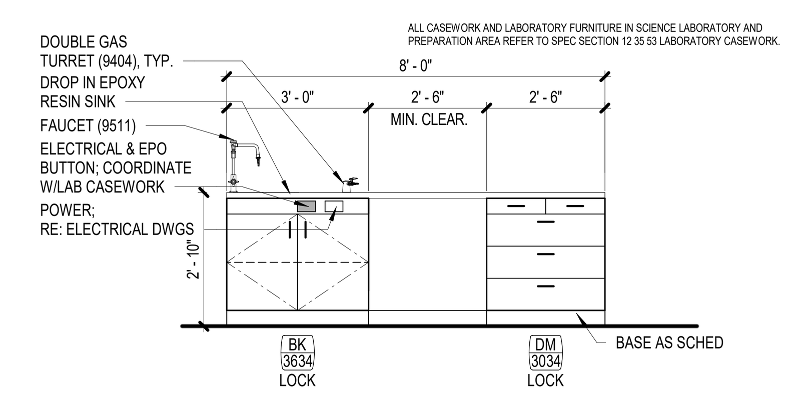
14 **1209-AQUATIC LAB-NORTH**
SCALE: 3/8" = 1'-0"



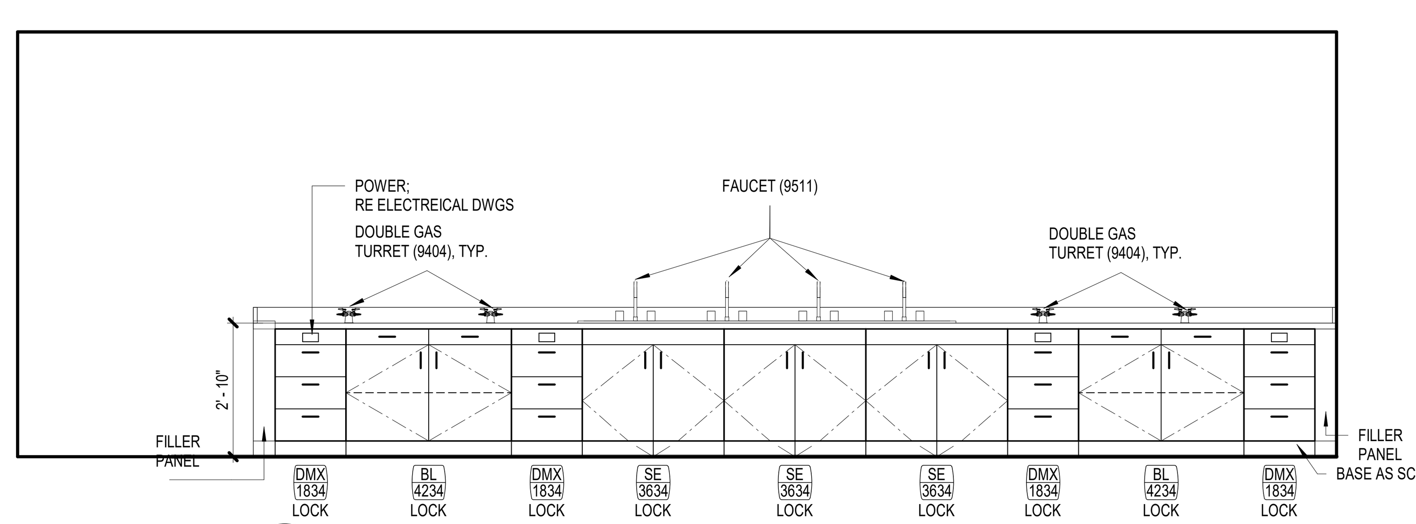
9 **1211-ENVIRONMENTAL LAB-NORTH**
SCALE: 3/8" = 1'-0"



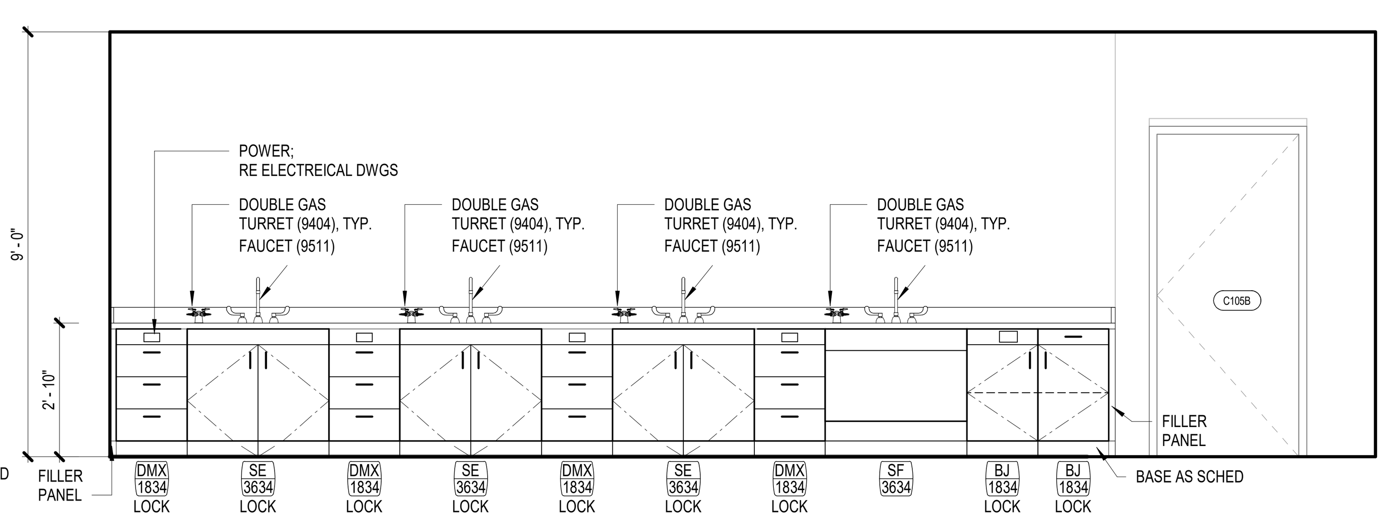
3 **TEACHER´S WORK STATION - SIDE**
SCALE: 3/8" = 1'-0"



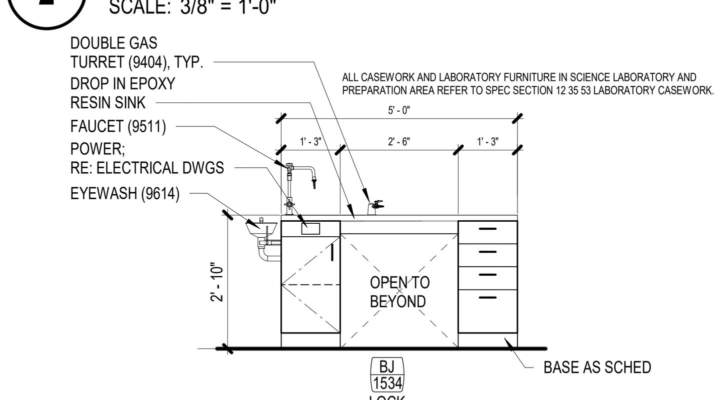
2 **TEACHER´S WORK STATION - FRONT**
SCALE: 3/8" = 1'-0"



13 **1209-AQUATIC LAB-SOUTH**
SCALE: 3/8" = 1'-0"



8 **1211-ENVIRONMENTAL LAB-SOUTH**
SCALE: 3/8" = 1'-0"



1 **INSTRUCTOR´S TABLE - FRONT**
SCALE: 3/8" = 1'-0"

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 3:02:10 PM

INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
2. FOR PLUMBING FIXTURE HEIGHTS, REFER TO PLUMBING DWG.SINKS, LAVATORIES AND FAUCETS SHOWN ARE FOR REFERENCE ONLY. REFER TO PLBG DWGS FOR SCHED. FIXTURES. SINK TO BE CENTERED IN MILLWORK ELEVATION INDICATED U.N.O.
3. MILLWORK SHALL BE FINISHED WITH PLASTIC LAMINATE , REFER FINISH PLANS. FOR UPPER CABINETS, PLAM FINISH ON TOP UNLESS SOFFIT IS SCHEDULED.
4. BASE CABINETS TO BE 24" DEEP U.N.O. UPPER CABINETS TO BE 14" DEEP U.N.O. ALL UNIT HEIGHTS AND WIDTH ARE INDICATED BY MILLWORK ELEVATION TAG, U.N.O.
5. INSTALL MATCHING FINISHED PANELS ON ALL EXPOSED ENDS AND SIDES. WHEN A FILLER PANEL EXISTS AT EACH END OF A CONTINUOUS RUN OF A CASEWORK, MAKE EACH PANEL EQUAL WIDTH U.N.O.
6. CABINET PULLS SHALL BE LOCATED AS INDICATED ON DETAIL.
7. WHEN BOTH UPPER AND LOWER CABINET HAVE FIXED ENDS HORIZONTALLY WITHIN 3" OF EACH OTHER, ENDS SHALL ALIGN VERTICALLY, U.N.O.
8. GYP. BD. REVEALS ARE 1/4" REVEAL CHANNEL SCREED BY FRY REGLETS OR EQUAL, UNLESS NOTED OTHERWISE IN THE DRAWINGS. PAINT SAME COLOR AS WALL FINISH U.N.O.
9. PROVIDE 2" DIA. GROMMETS AT ALL WORKSTATIONS WITH KNEE SPACES AND WHERE ACCESS TO POWER AND/OR LOW VOLTAGE IS NEEDED. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
10. THE ALPHABETIC DESIGNATION BEHIND THE SHEET NUMBER ON THE 200 SERIES DOES NOT RELATE TO THE FLOOR PLAN AREA DESIGNATION.
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12. AT TV & MONITOR LOCATIONS, CONTRACTOR TO VERIFY BRACKET DIMENSIONS, CLEAR POWER & DATA OUTLETS.
13. ALL OBJECTS MOUNTED ON WALLS, BETWEEN 27" AND 80" ABOVE THE FINISH FLOOR, SHALL NOT PROTRUDE MORE THAN 4", TYPICAL.
14. FOR TILE PLACEMENT, REFER TO FINISH PLANS
15. AT EXPOSED EDGE OF GLAZING, PROVIDE STAINLESS STEEL END CHANNEL
16. ALL WALLS TO BE PAINTED PNT-1 U.N.O. ALL MILLWORK TO BE PLM-1, U.N.O. ALL COUNTERTOPS TO BE PLM-2 U.N.O. ALL WALL BASE TO BE RB-1 U.N.O.
17. ALL TILE SHALL HAVE SCHLUTER EDGE TRIM AT ALL EXPOSED TILE EDGES.
18. SCIENCE CLASSROOM CASEWORK TO BE SOLID WOOD; COUNTERTOPS TO BE EPOXY. ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK
19. COORDINATE PLUMBING AND/OR ELECTRICAL REQUIREMENTS FOR APPLIANCES AND EQUIPMENT WITH CASEWORK.
20. COORDINATE DIMENSIONS AND CLEARANCE REQUIREMENTS FOR ALL FILE CABINETS, APPLIANCES AND EQUIPMENT PROVIDED BY CONTRACTOR AND/OR OWNER.
21. CONTINUE COUNTERTOP BACKSPLASH TO SIDEWALLS WHERE SUCH CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
22. ALL BASE, UPPER, AND TALL CABINETS ARE TO BE LOCKABLE. LOCKS TO BE KEYED ALIKE IN SAME ROOM; LOCKS TO BE KEYED DIFFERENT BETWEEN ROOMS.
23. PROVIDE STAMPED NUMBER ON CYLINDER LOCK FACE. COORDINATE NUMBERING REQUIREMENT WITH ARCHITECT.
24. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
25. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. EXCLUDES WATERFALL COUNTERTOP CONDITIONS.
26. PROVIDE WALL BASE FOR RECESSED TOE-KICKS AND BACK OF KNEE SPACE(S) UNLESS NOTED OTHERWISE
27. MILLWORK SHALL BE CAULKED TO WALLS.
28. CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED
29. SPLICES ARE NOT PERMITTED ON CONTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
30. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 3034 LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
23	ACCESSORY TAG
XXXX	EQUIPMENT TAG, REFER TO FIXED EQUIPMENT, A-662
H3 A-301 SIM	SECTION TAG REFER TO SECTION AS INDICATED
H3 A-301 SIM	ELEVATION TAG REFER TO ELEVATION AS INDICATED
88	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION

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HarrisonKornberg ARCHITECTS
Harrison Kornberg Architects
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MEP & AV/THEATRICAL ENGINEER
Salas O'Brien
10930 W Sam Houston Pkwy N
Suite 900
Houston, TX 77064
281.664.1900
CIVIL ENGINEER
Brooks & Sparks Inc.
21020 Park Row Dr.
Katy, Texas 77449
281.578.9595
LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
Houston, Texas 77024
346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

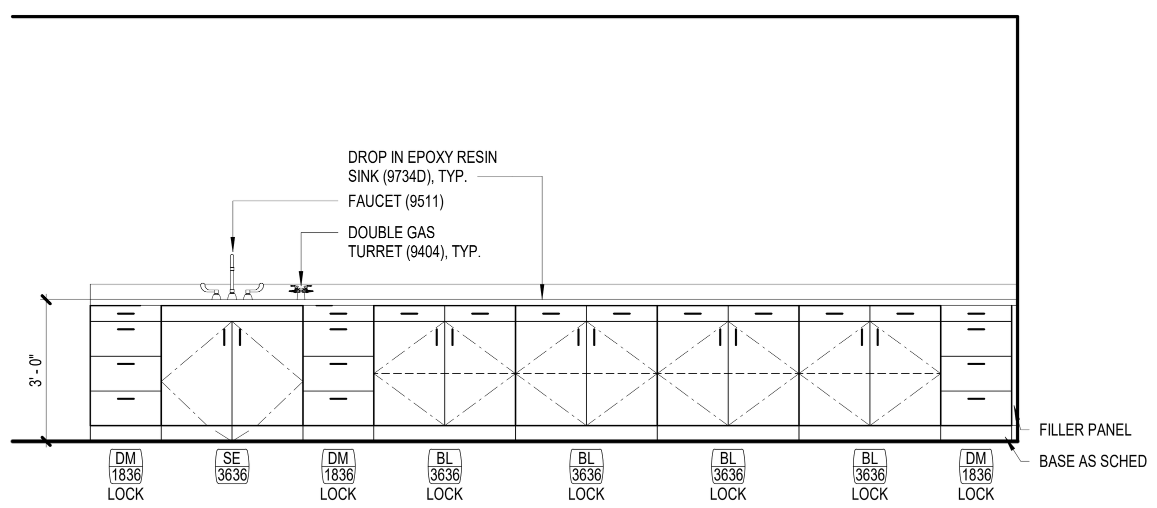
PROFESSIONAL SEALS

REGISTERED ARCHITECT JUSTIN LANE WINCHESTER 21908 STATE OF TEXAS
12/9/2024

CLIENT
CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

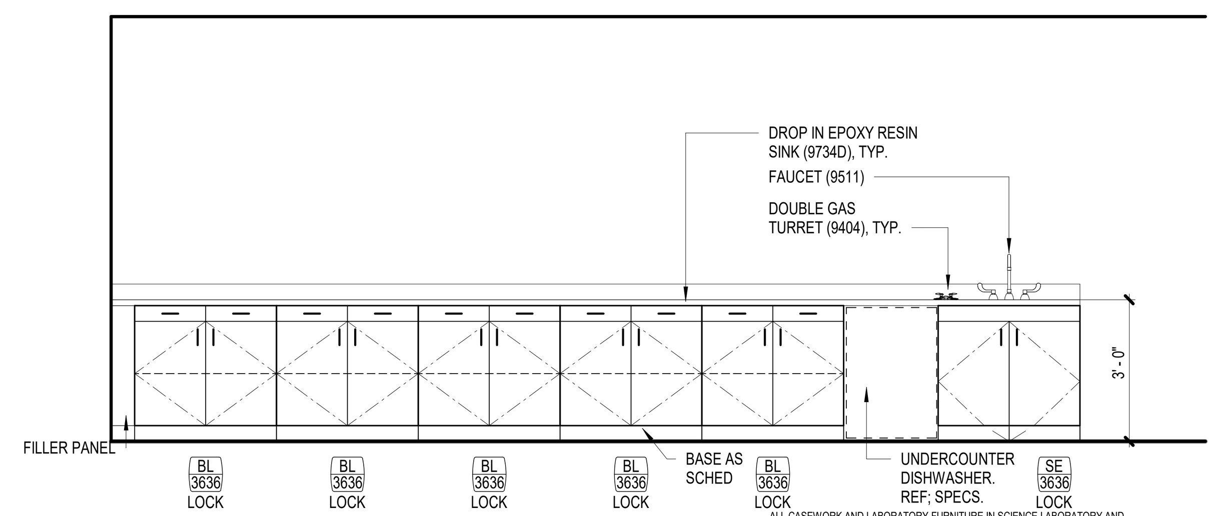
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER 33AC23221
ABBREVIATION CFISD
DRAWN BY Author
CHECKED BY Checker
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024
SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS
SHEET NUMBER
A-211



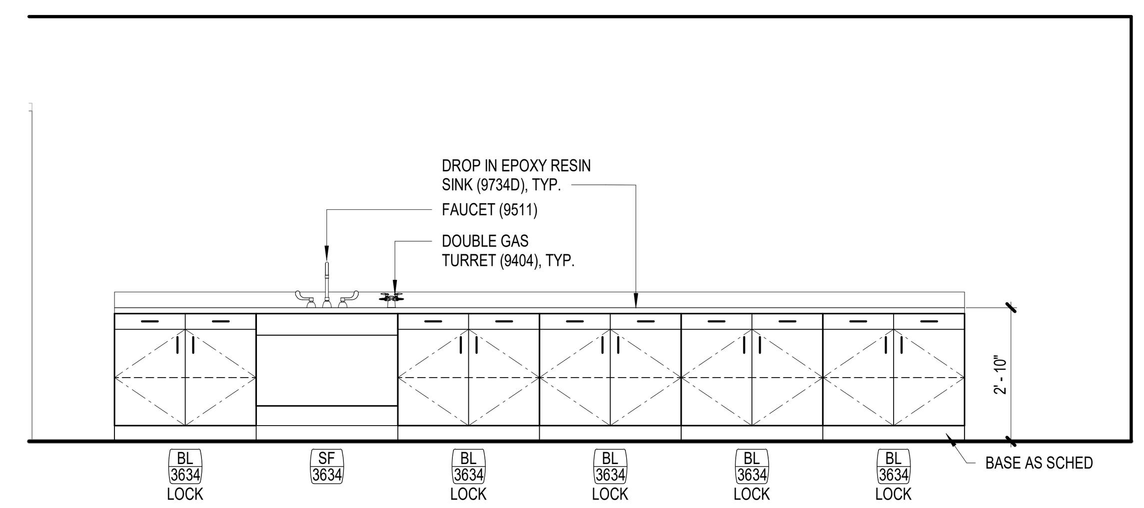
ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

14 1208-CHEMISTRY PREP A-SOUTH
SCALE: 3/8" = 1'-0"



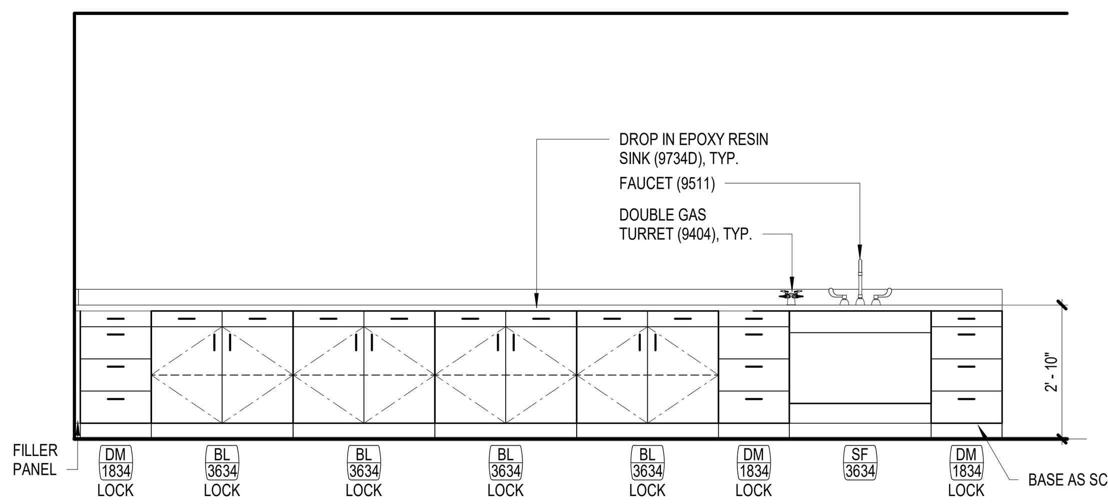
ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

11 1212-BIOLOGY PREP B-SOUTH
SCALE: 3/8" = 1'-0"



ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

6 1212-BIOLOGY PREP A-SOUTH
SCALE: 3/8" = 1'-0"



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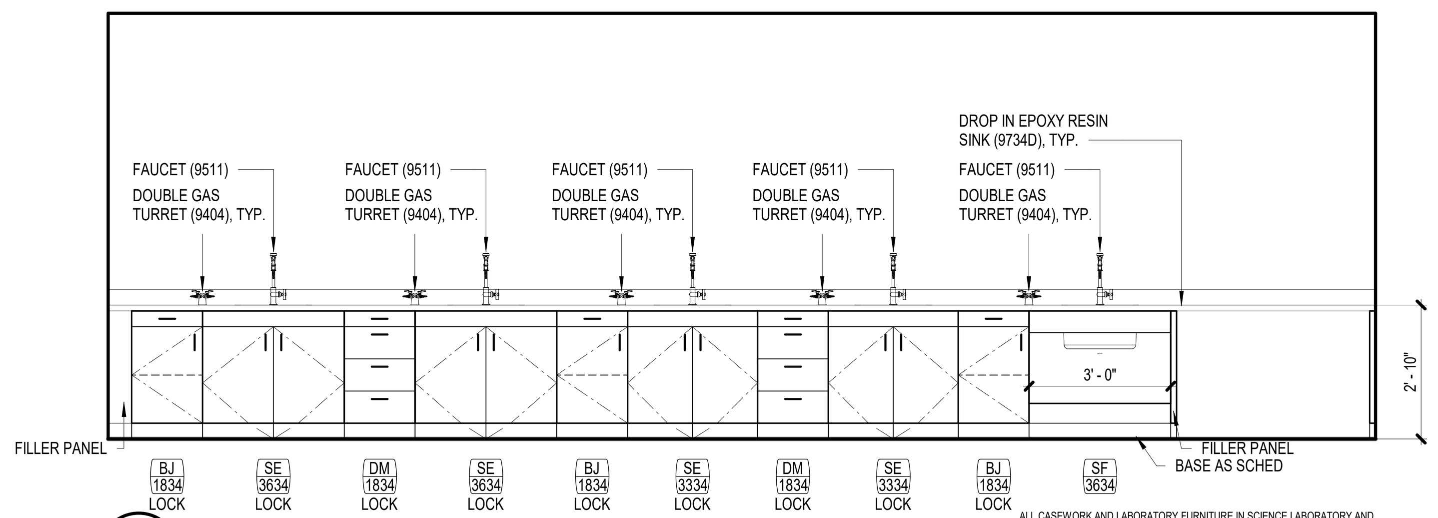
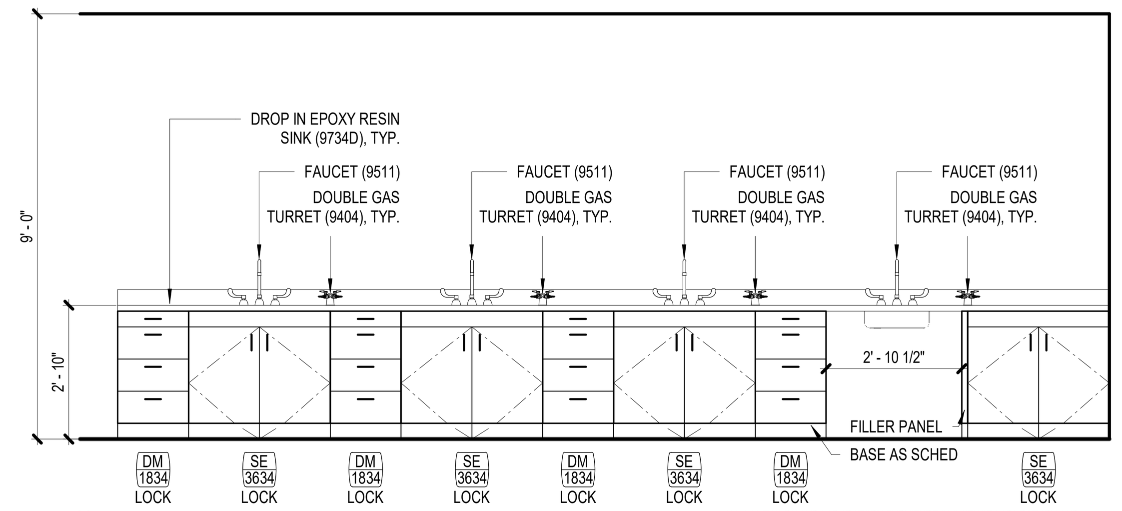
13 1208-CHEMISTRY PREP B-SOUTH
SCALE: 3/8" = 1'-0"



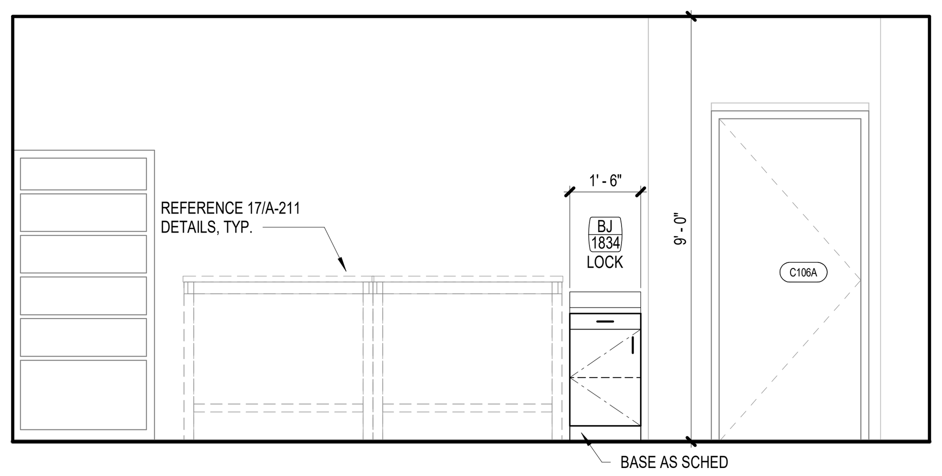
ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

10 1257-BIOLOGY-SOUTH
SCALE: 3/8" = 1'-0"

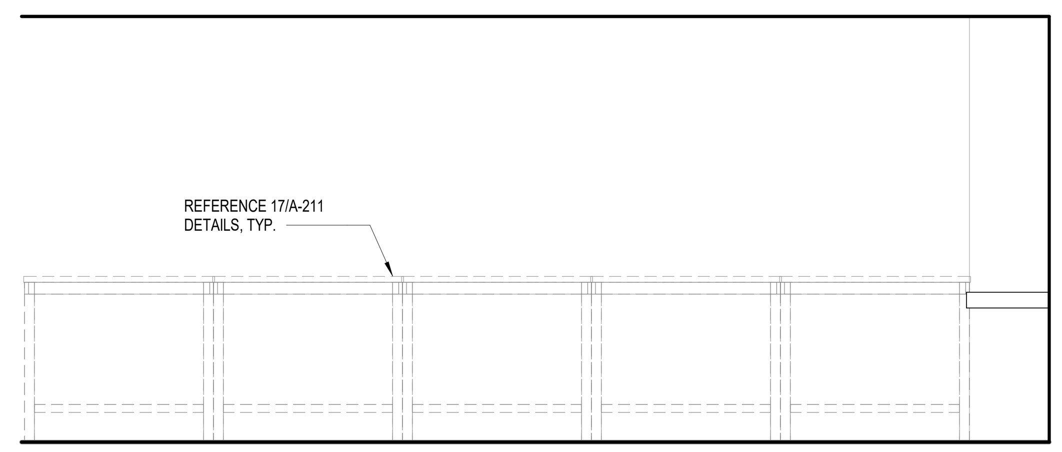


ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

5 1259-BIOLOGY-NORTH
SCALE: 3/8" = 1'-0"

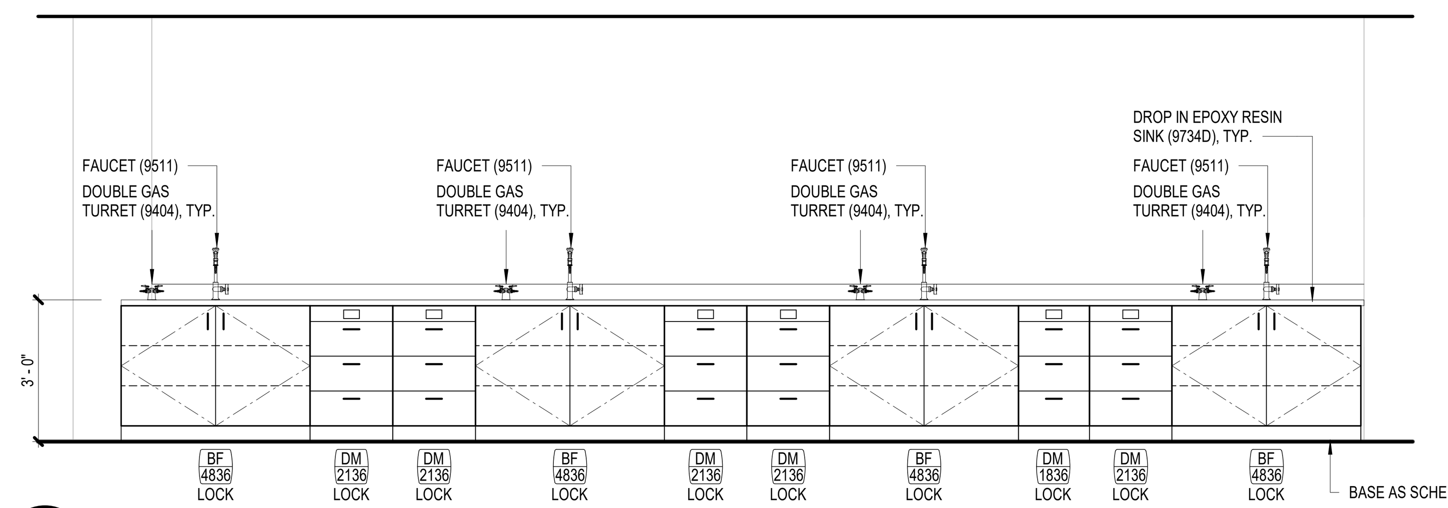


12 1213-PLANT ROOM-EAST
SCALE: 3/8" = 1'-0"



9 1213-PLANT ROOM-SOUTH (UPDATE)
SCALE: 3/8" = 1'-0"

ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.



ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

4 1255-CHEMISTRY-WEST (UPDATE)
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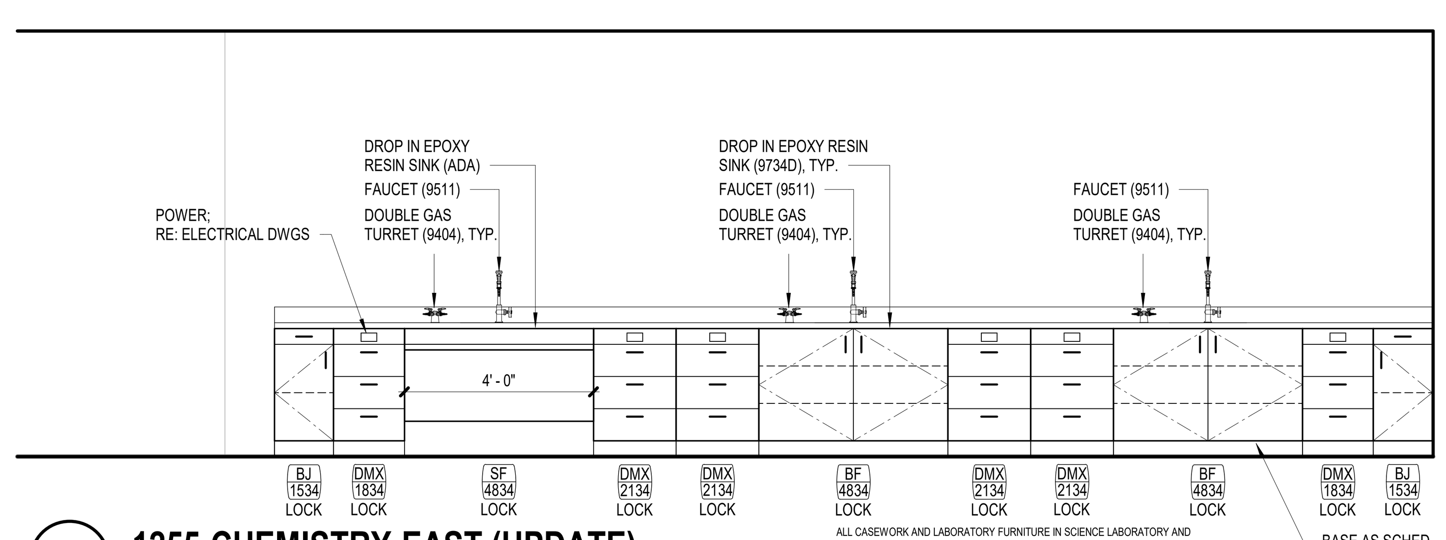
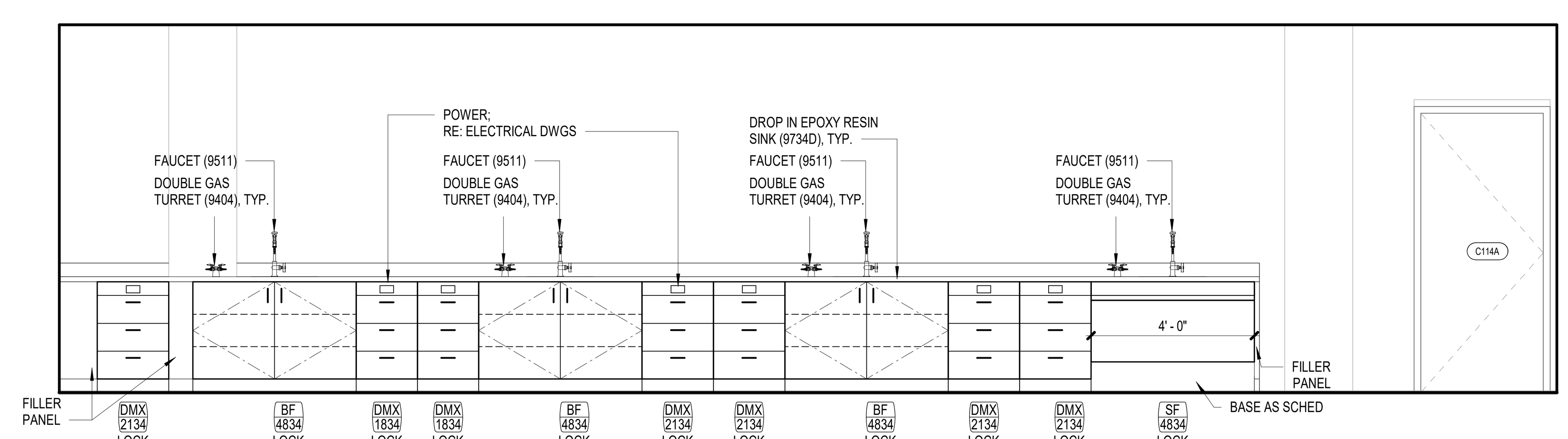


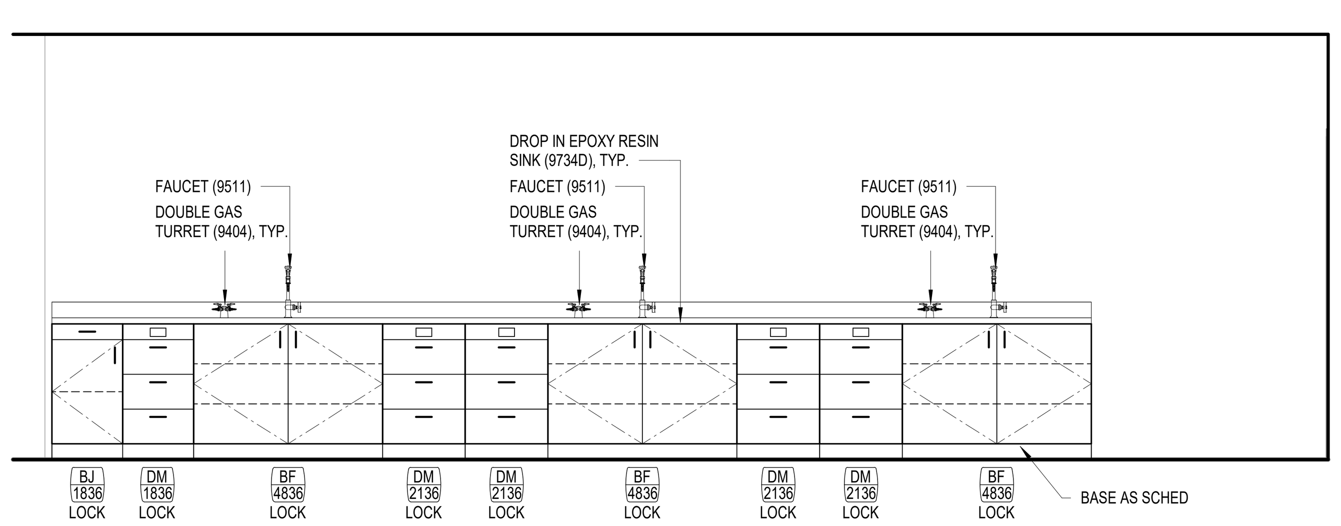
ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

8 1255-CHEMISTRY-EAST (UPDATE)
SCALE: 3/8" = 1'-0"



ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

3 1206-CHEMISTRY-WEST (TEST-UPDATED)
SCALE: 3/8" = 1'-0"



7 1206-CHEMISTRY-EAST (TEST-UPDATED)
SCALE: 3/8" = 1'-0"

ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

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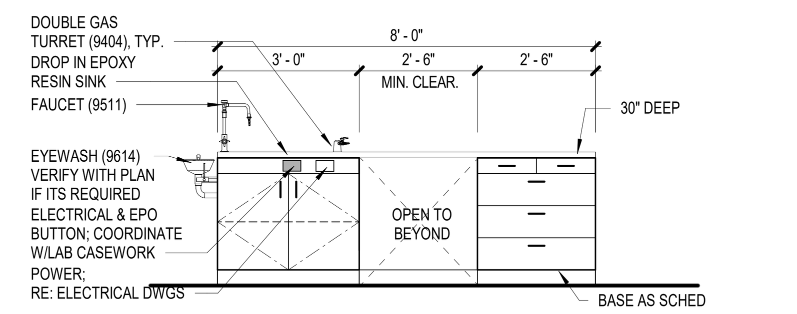

2 CHEMISTRY LAB INSTRUCTOR´S TABLE (TYP)
SCALE: 3/8" = 1'-0"

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 3:02:25 PM

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INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 3034 LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
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H3 A-301 SIM	SECTION TAG REFER TO SECTION AS INDICATED
H3 A-301 SIM	ELEVATION TAG REFER TO ELEVATION AS INDICATED
88	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION

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Harrison Kornberg Architects
3800 Buffalo Speedway. Suite 550
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Salas O'Brien
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Suite 900
Houston, TX 77064
281.664.1900

CIVIL ENGINEER
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Katy, Texas 77449
281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
Houston, Texas 77024
346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
JUSTIN LANE WINCHESTER
21908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

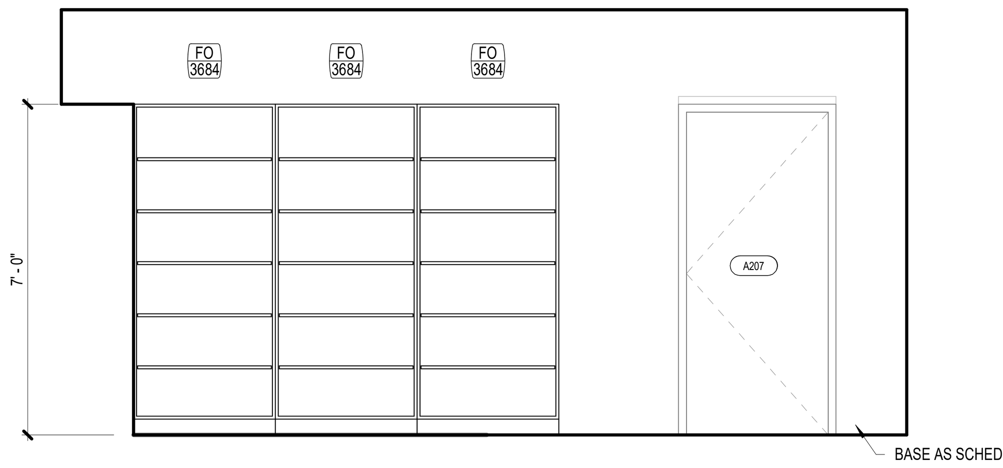
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

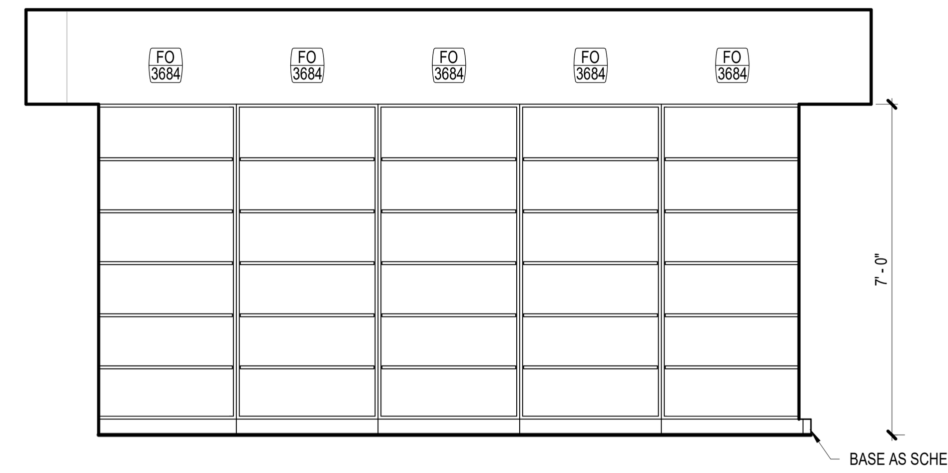
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

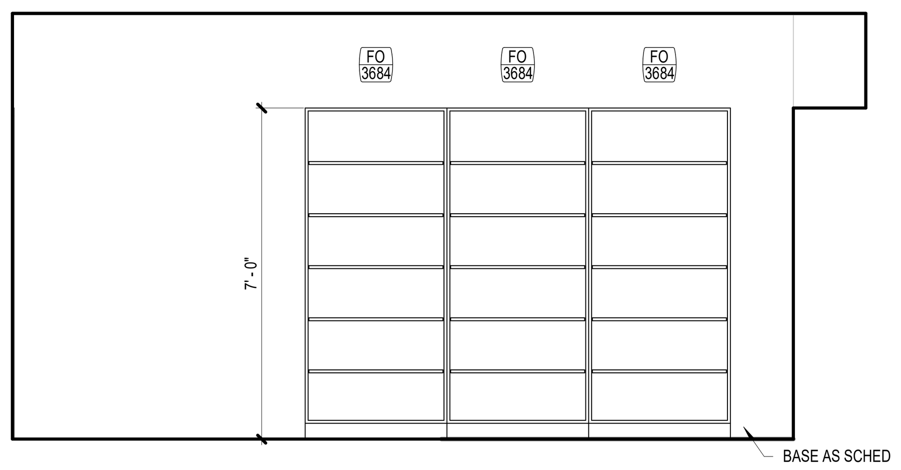
SHEET NUMBER
A-212



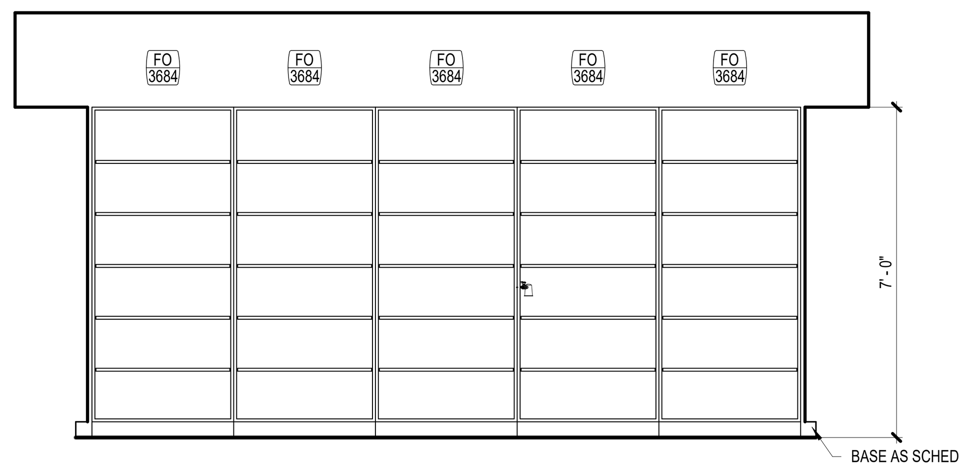
11 **2060-STORAGE ROOM-NORTH**
SCALE: 3/8" = 1'-0"



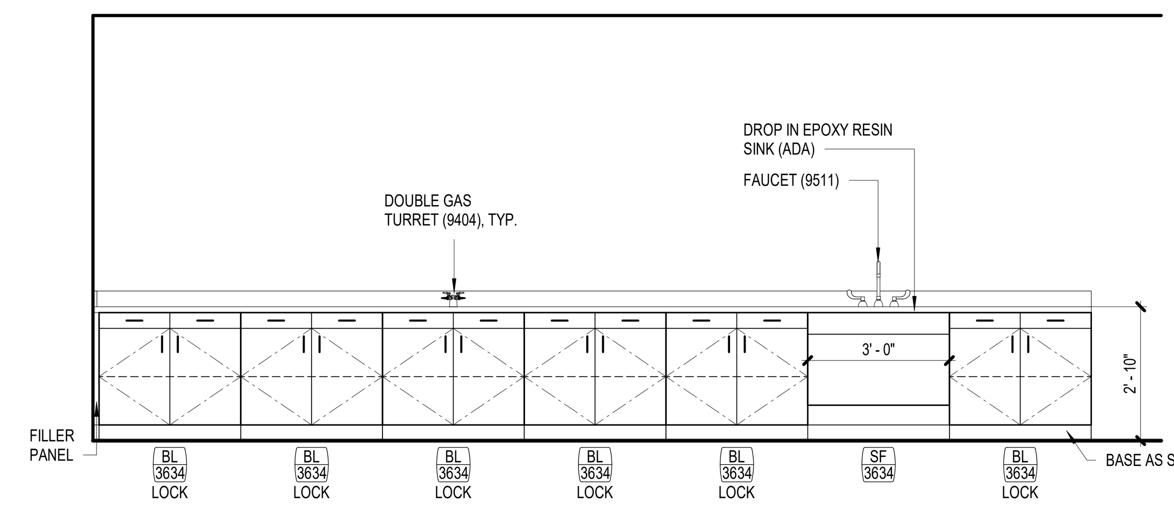
6 **2060-STORAGE ROOM-SOUTH**
SCALE: 3/8" = 1'-0"



12 **2060-STORAGE ROOM-EAST**
SCALE: 3/8" = 1'-0"

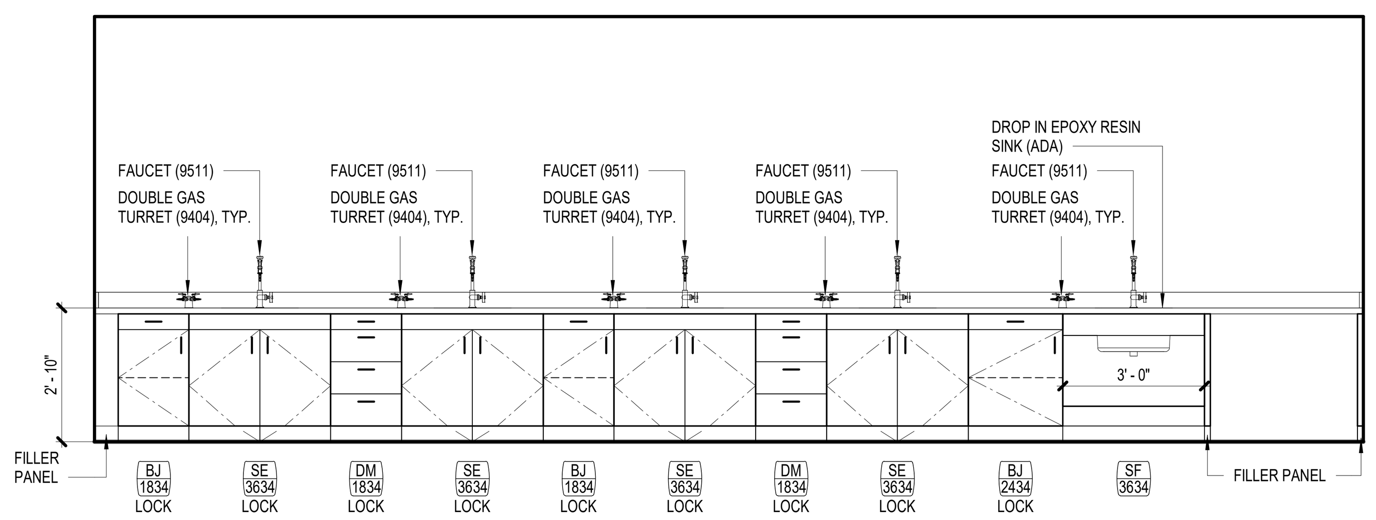


10 **2060-STORAGE ROOM-WEST**
SCALE: 3/8" = 1'-0"



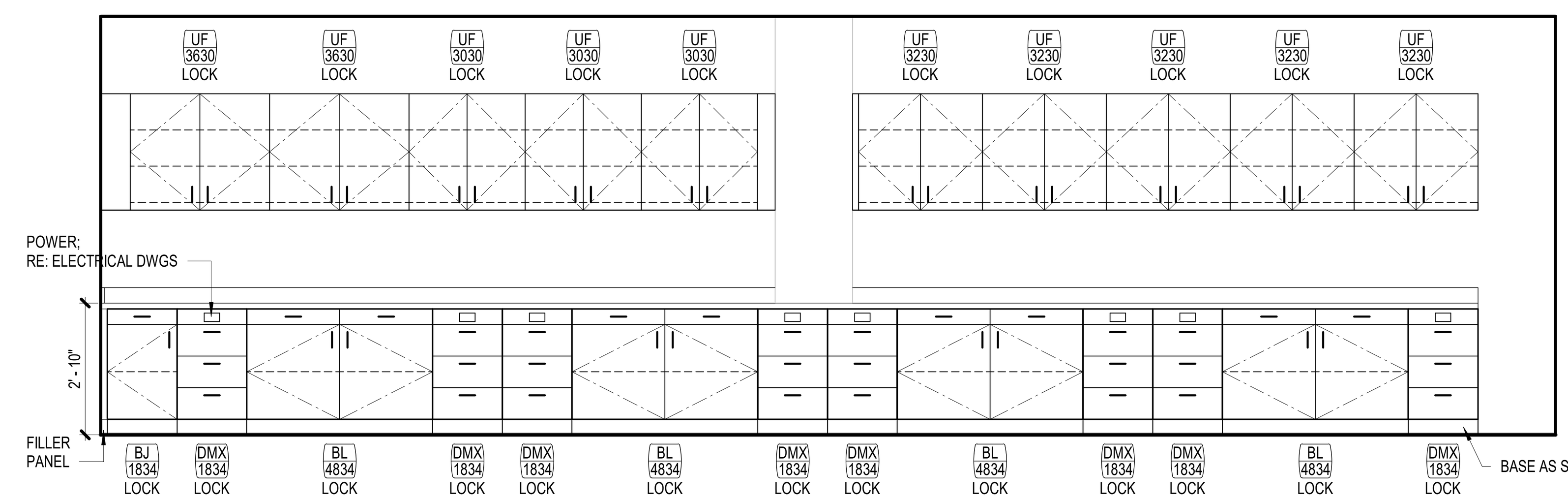
ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

5 **1308-PHYSICAL SCIENCE PREP-SOUTH**
SCALE: 3/8" = 1'-0"



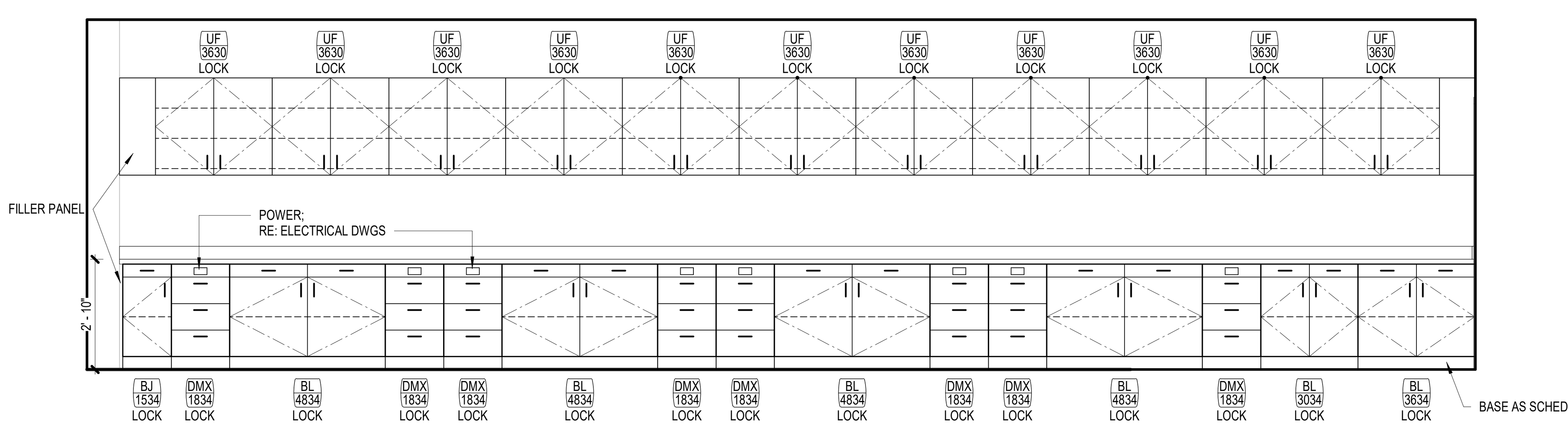
ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

9 **1260 BIOLOGY - SOUTH**
SCALE: 3/8" = 1'-0"



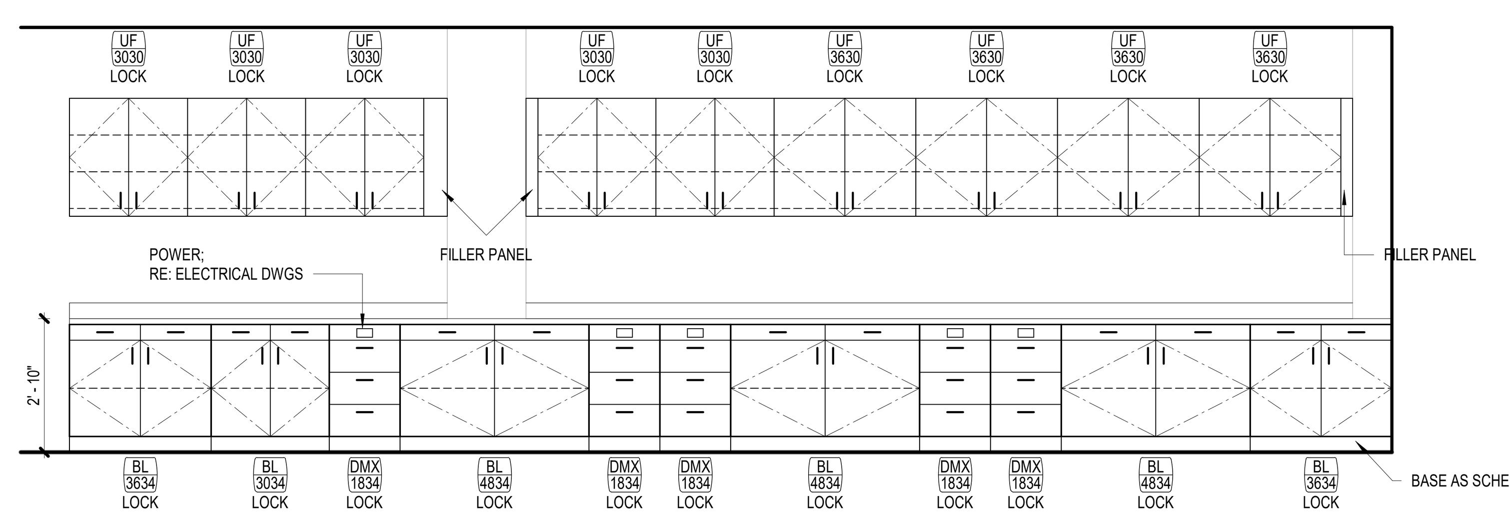
ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

4 **1258-PHYSICS-WEST**
SCALE: 3/8" = 1'-0"



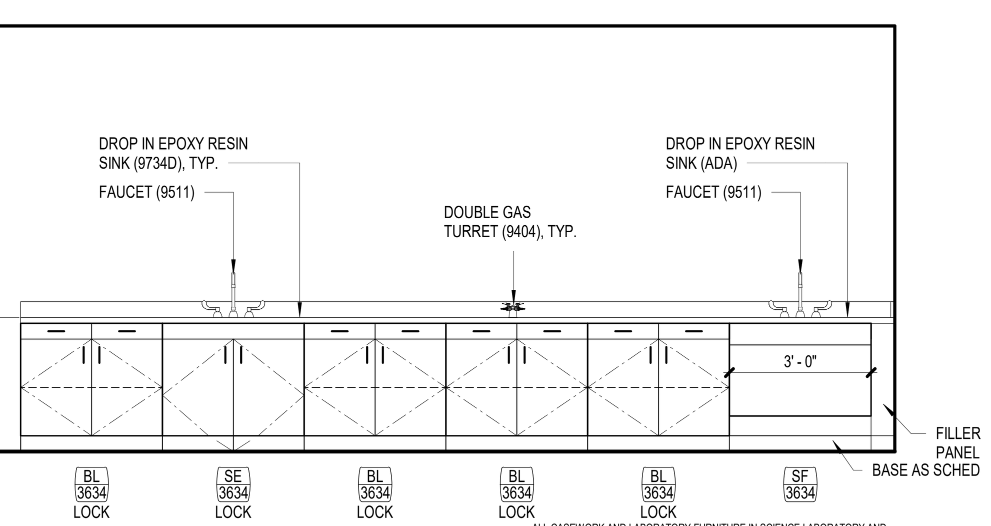
ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

8 **1254-PHYSICS-EAST**
SCALE: 3/8" = 1'-0"



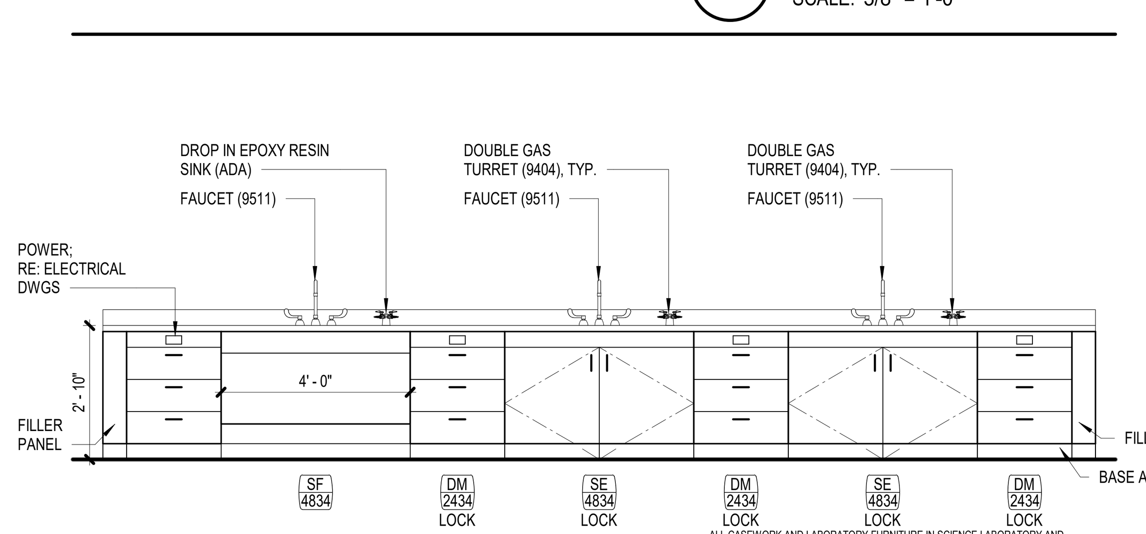
ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

3 **1254-PHYSICS-WEST**
SCALE: 3/8" = 1'-0"



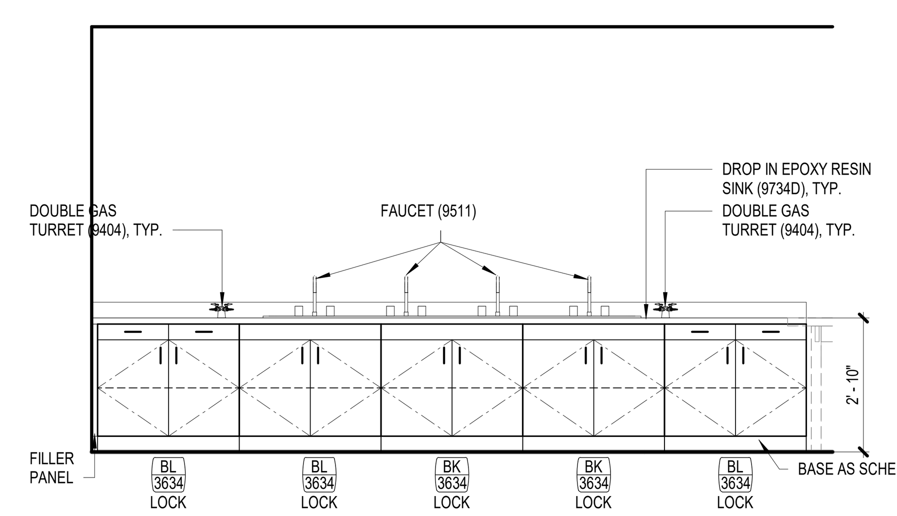
ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

7 **1256-PHYSICS PREP-SOUTH**
SCALE: 3/8" = 1'-0"



ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

2 **1214-ADVANCED BIOLOGY-WEST**
SCALE: 3/8" = 1'-0"



ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

1 **1214-ADVANCED BIOLOGY-NORTH**
SCALE: 3/8" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
2. FOR PLUMBING FIXTURE HEIGHTS, REFER TO PLUMBING DWG.SINKS, LAVATORIES AND FAUCETS SHOWN ARE FOR REFERENCE ONLY. REFER TO PLBG DWGS FOR SCHED. FIXTURES. SINK TO BE CENTERED IN MILLWORK ELEVATION INDICATED U.N.O.
3. MILLWORK SHALL BE FINISHED WITH PLASTIC LAMINATE , REFER FINISH PLANS. FOR UPPER CABINETS, PLAM FINISH ON TOP UNLESS SOFFIT IS SCHEDULED.
4. BASE CABINETS TO BE 24" DEEP U.N.O. UPPER CABINETS TO BE 14" DEEP U.N.O. ALL UNIT HEIGHTS AND WIDTH ARE INDICATED BY MILLWORK ELEVATION TAG, U.N.O.
5. INSTALL MATCHING FINISHED PANELS ON ALL EXPOSED ENDS AND SIDES. WHEN A FILLER PANEL EXISTS AT EACH END OF A CONTINUOUS RUN OF A CASEWORK, MAKE EACH PANEL EQUAL WIDTH U.N.O.
6. CABINET PULLS SHALL BE LOCATED AS INDICATED ON DETAIL.
7. WHEN BOTH UPPER AND LOWER CABINET HAVE FIXED ENDS HORIZONTALLY WITHIN 3" OF EACH OTHER, ENDS SHALL ALIGN VERTICALLY, U.N.O.
8. GYP. BD. REVEALS ARE 1/4" REVEAL CHANNEL SCREED BY FRY REGLETS OR EQUAL, UNLESS NOTED OTHERWISE IN THE DRAWINGS. PAINT SAME COLOR AS WALL FINISH U.N.O.
9. PROVIDE 2" DIA. GROMMETS AT ALL WORKSTATIONS WITH KNEE SPACES AND WHERE ACCESS TO POWER AND/OR LOW VOLTAGE IS NEEDED. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
10. THE ALPHABETIC DESIGNATION BEHIND THE SHEET NUMBER ON THE 200 SERIES DOES NOT RELATE TO THE FLOOR PLAN AREA DESIGNATION.
11. AT ALL SINK LOCATIONS WITH THE EXCEPTION OF THOSE WITH SLOPED PANELS, INSULATE EXPOSED PIPES.
12. AT TV & MONITOR LOCATIONS, CONTRACTOR TO VERIFY BRACKET DIMENSIONS, CLEAR POWER & DATA OUTLETS.
13. ALL OBJECTS MOUNTED ON WALLS, BETWEEN 27" AND 80" ABOVE THE FINISH FLOOR, SHALL NOT PROTRUDE MORE THAN 4", TYPICAL.
14. FOR TILE PLACEMENT, REFER TO FINISH PLANS
15. AT EXPOSED EDGE OF GLAZING, PROVIDE STAINLESS STEEL END CHANNEL
16. ALL WALLS TO BE PAINTED PNT-1 U.N.O. ALL MILLWORK TO BE PLM-1, U.N.O. ALL COUNTERTOPS TO BE PLM-2 U.N.O. ALL WALL BASE TO BE RB-1 U.N.O.
17. ALL TILE SHALL HAVE SCHLUTER EDGE TRIM AT ALL EXPOSED TILE EDGES.
18. SCIENCE CLASSROOM CASEWORK TO BE SOLID WOOD; COUNTERTOPS TO BE EPOXY. ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK
19. COORDINATE PLUMBING AND/OR ELECTRICAL REQUIREMENTS FOR APPLIANCES AND EQUIPMENT WITH CASEWORK.
20. COORDINATE DIMENSIONS AND CLEARANCE REQUIREMENTS FOR ALL FILE CABINETS, APPLIANCES AND EQUIPMENT PROVIDED BY CONTRACTOR AND/OR OWNER.
21. CONTINUE COUNTERTOP BACKSPLASH TO SIDEWALLS WHERE SUCH CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
22. ALL BASE, UPPER, AND TALL CABINETS ARE TO BE LOCKABLE. LOCKS TO BE KEYED ALIKE IN SAME ROOM; LOCKS TO BE KEYED DIFFERENT BETWEEN ROOMS.
23. PROVIDE STAMPED NUMBER ON CYLINDER LOCK FACE. COORDINATE NUMBERING REQUIREMENT WITH ARCHITECT.
24. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
25. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. EXCLUDES WATERFALL COUNTERTOP CONDITIONS.
26. PROVIDE WALL BASE FOR RECESSED TOE-KICKS AND BACK OF KNEE SPACE(S) UNLESS NOTED OTHERWISE
27. MILLWORK SHALL BE CAULKED TO WALLS.
28. CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED
29. SPLICES ARE NOT PERMITTED ON CONTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
30. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 3034 LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
23	ACCESSORY TAG
XXXX	EQUIPMENT TAG, REFER TO FIXED EQUIPMENT, A-662
H3 A-301 SIM	SECTION TAG REFER TO SECTION AS INDICATED
H3 A-301 SIM	ELEVATION TAG REFER TO ELEVATION AS INDICATED
88	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION

Page/
Page Southerland Page, Inc.
1100 Louisiana, Suite One
Houston, TX 77002
pagethink.com
TEL 713 871 8484
FAX 713 871 8440
ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Albany / Albuquerque / Atlanta / Austin / Boston / Charleston / Dallas / Denver / Dubai / Houston / Los Angeles / Mexico City / New York City / Orlando / Phoenix / Raleigh / Richmond / San Antonio / San Francisco / Tampa / Washington DC

IN ASSOCIATION WITH:
HarrisonKornberg ARCHITECTS
Harrison Kornberg Architects
3800 Buffalo Speedway. Suite 550
Houston, TX 77098
TEL 713 229 0688
FAX 713 229 0692

CONSULTANT TEAM
STRUCTURAL ENGINEER
Dally + Associates
9800 Richmond Avenue
Suite 460
Houston, Texas 77042
713.337.8881

MEP & AV/THEATRICAL ENGINEER
Salas O'Brien
10930 W Sam Houston Pkwy N
Suite 900
Houston, TX 77064
281.664.1900

CIVIL ENGINEER
Brooks & Sparks Inc.
21020 Park Row Dr.
Katy, Texas 77449
281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
Houston, Texas 77024
346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JUSTIN LANE WINCHESTER 21908 STATE OF TEXAS
12/9/2024

CLIENT
CYPRESS • FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-213

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
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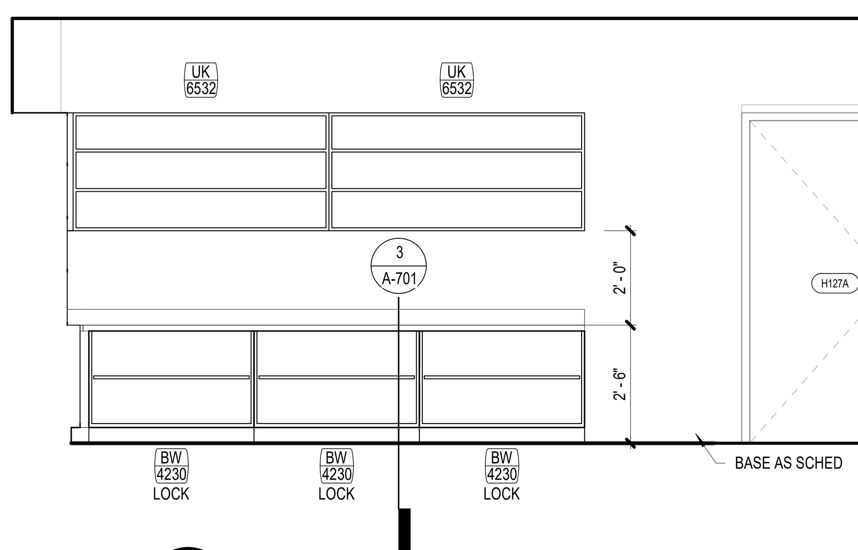

18 **1924-COMMUNICATION-BASE D**
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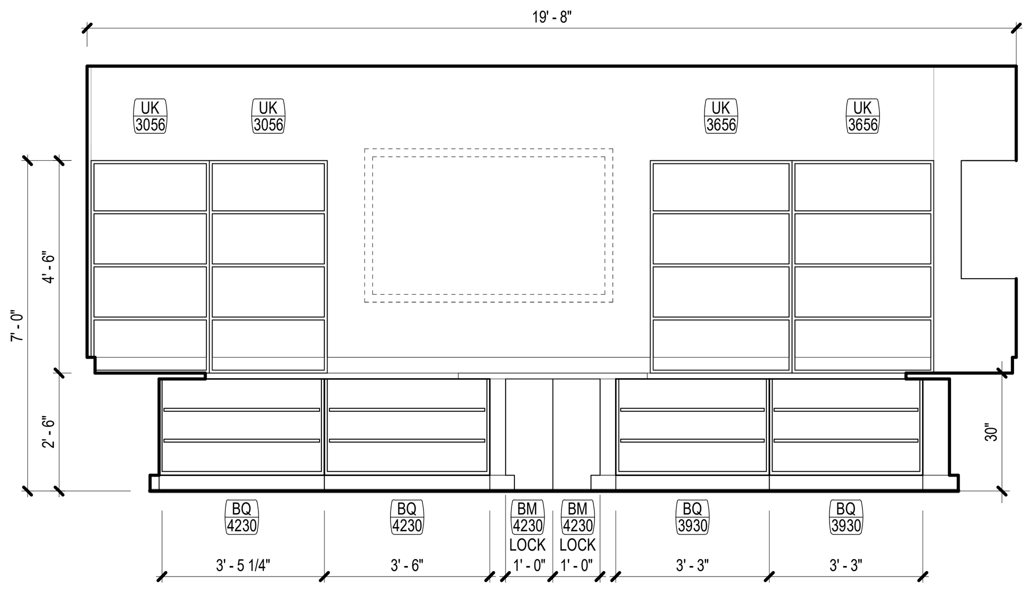

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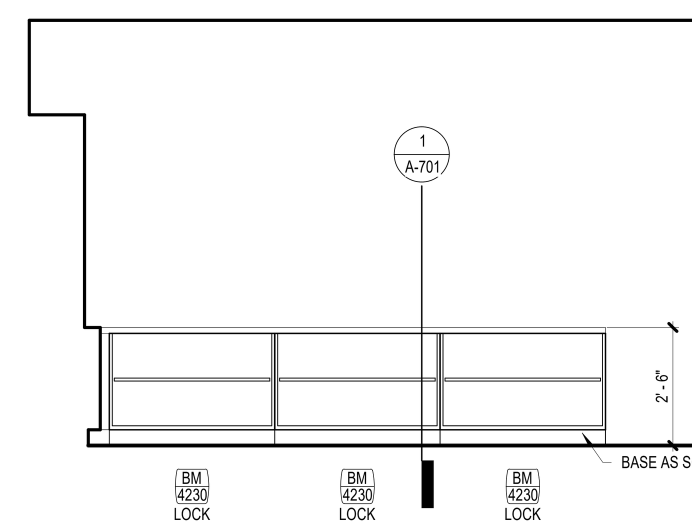

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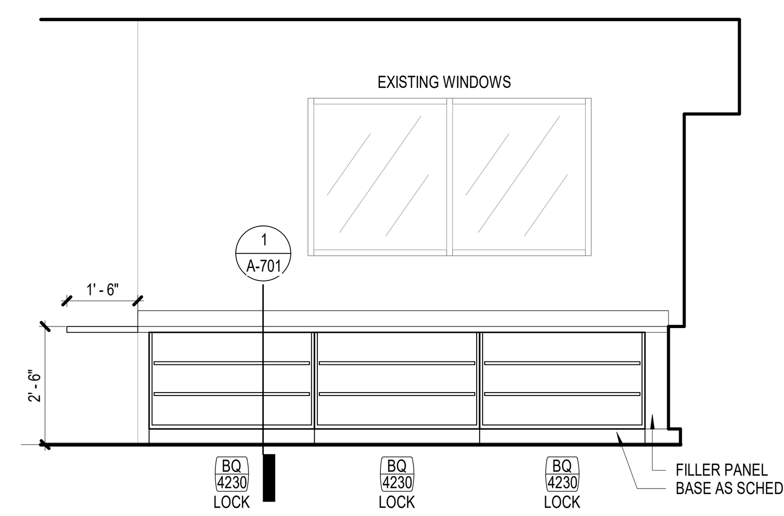

5 **1924-COMMUNICATIONS-BASE A**
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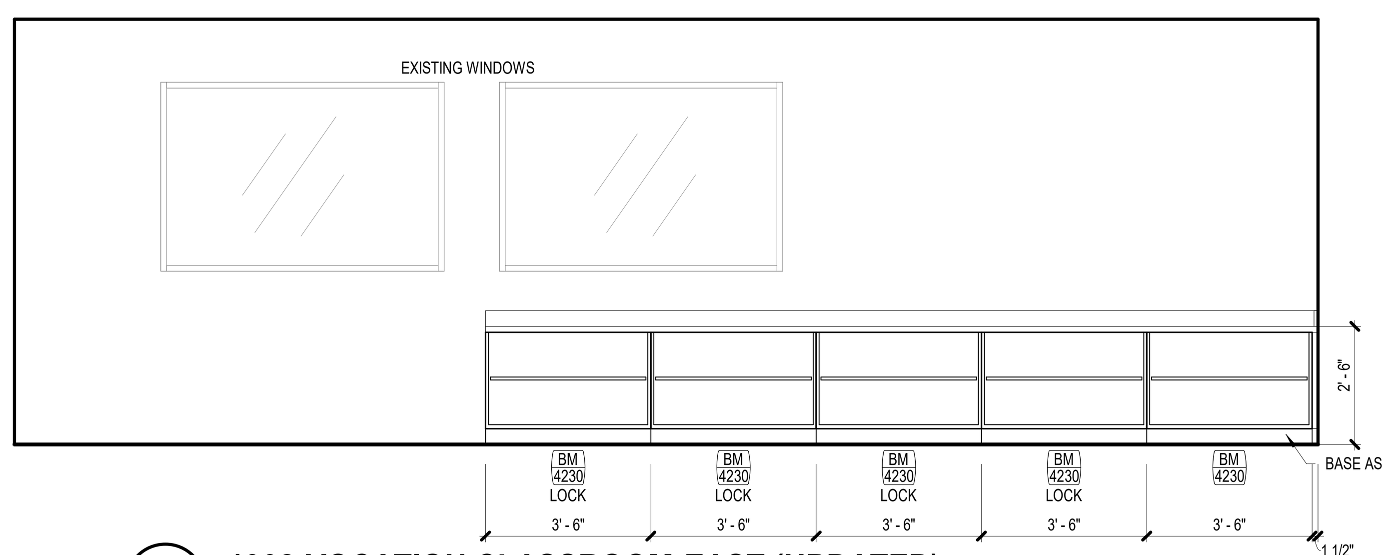

14 **1902-VOCATION CLASSROOM-EAST (UPDATED)**
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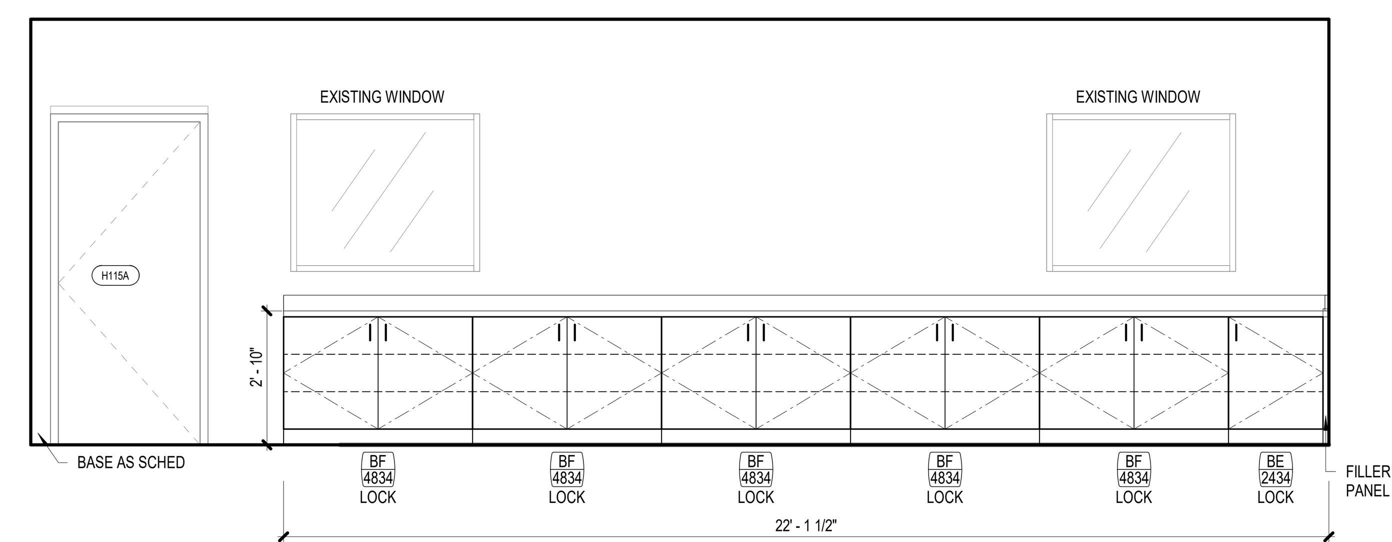

4 **1927-VOCATIONAL CLASSROOM-WEST**
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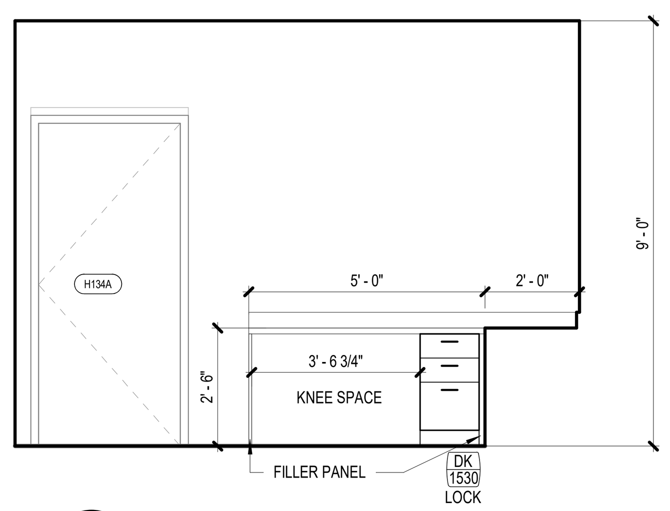
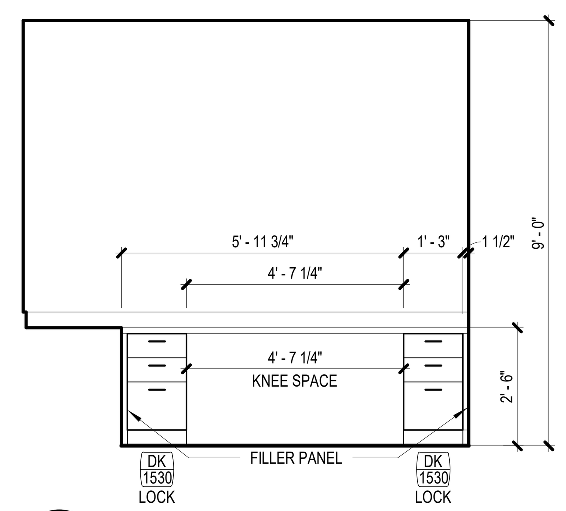
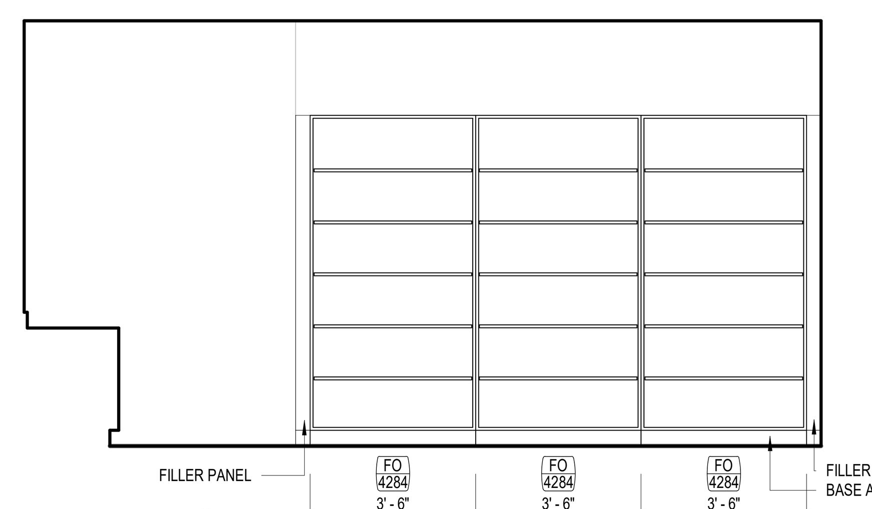


17 **1903-OFFICE-WEST**
SCALE: 3/8" = 1'-0"



13 **1903-OFFICE-NORTH**
SCALE: 3/8" = 1'-0"



3 **1928-COMPUTER ROOM-SOUTH**
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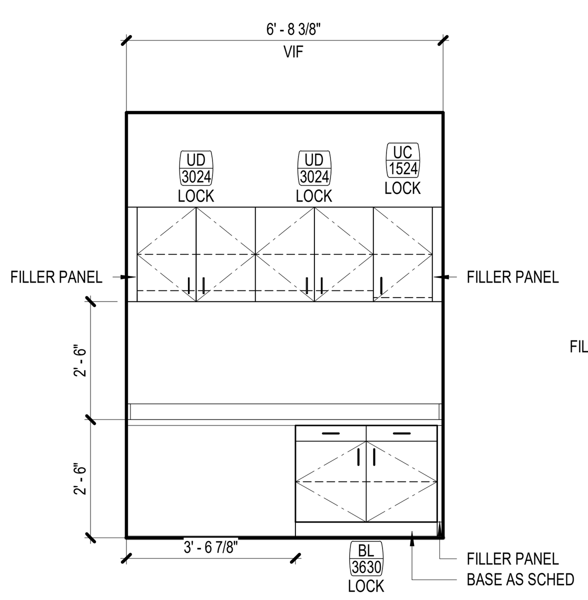

16 **DARK ROOM (TYP)**
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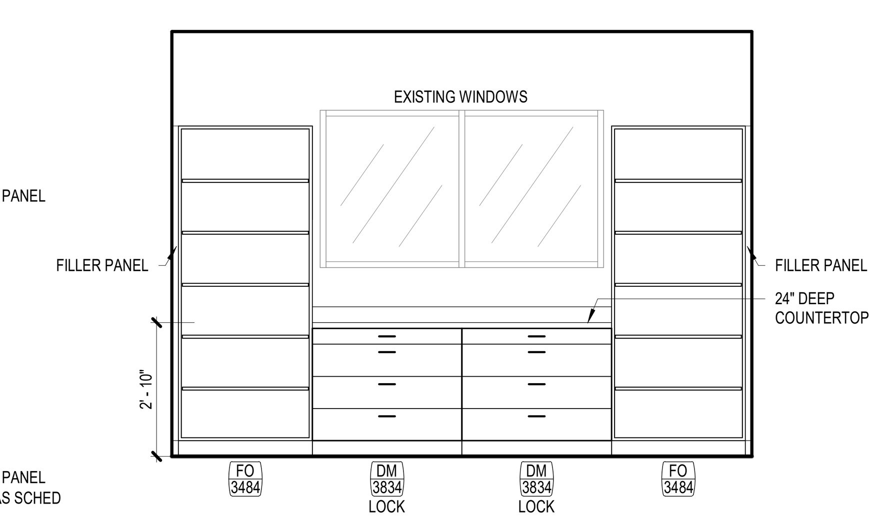
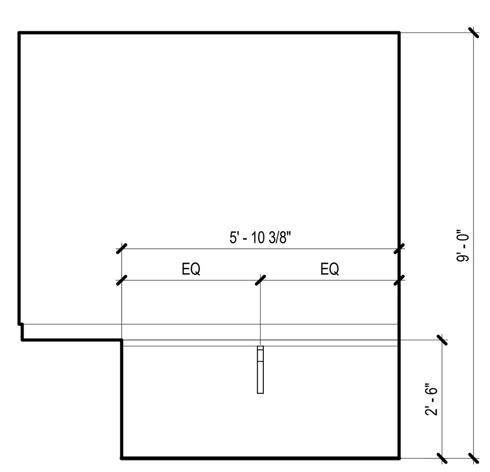
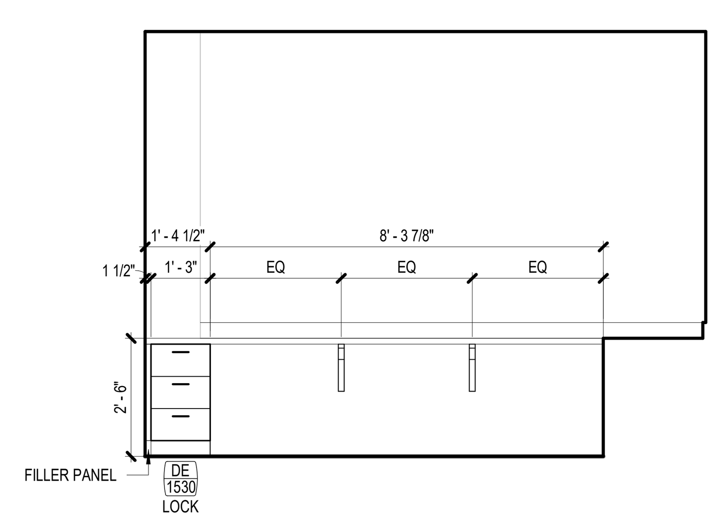


12 **1925-AV ROOM-SOUTH**
SCALE: 3/8" = 1'-0"



8 **1931-OFFICE-NORTH (UPDATE)**
SCALE: 3/8" = 1'-0"



7 **1931-OFFICE-WEST (UPDATED)**
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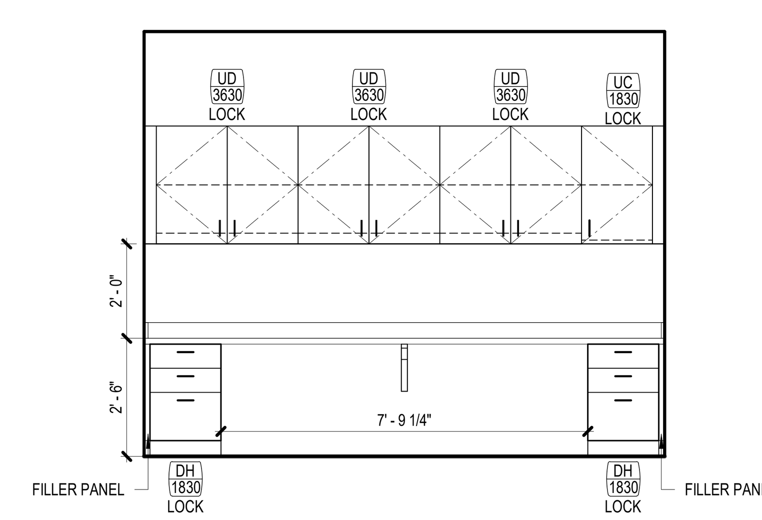
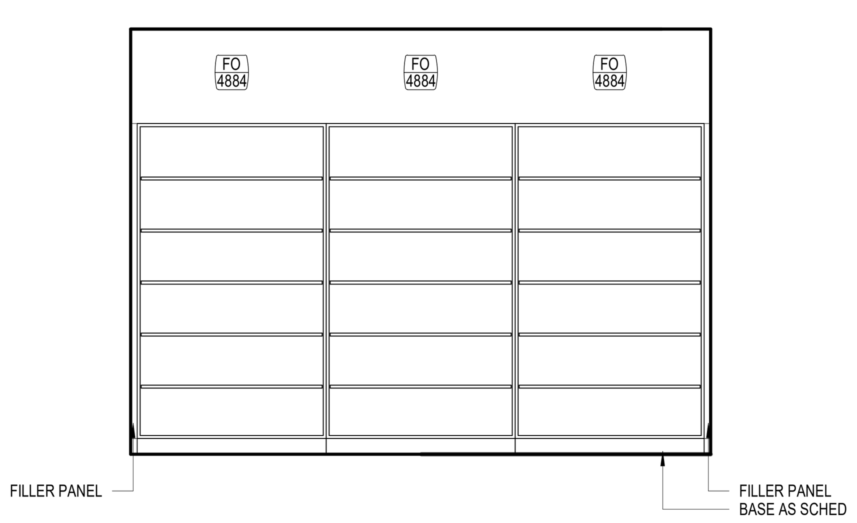


2 **1940-OFFICE-EAST**
SCALE: 3/8" = 1'-0"



11 **1925-AV ROOM-NORTH**
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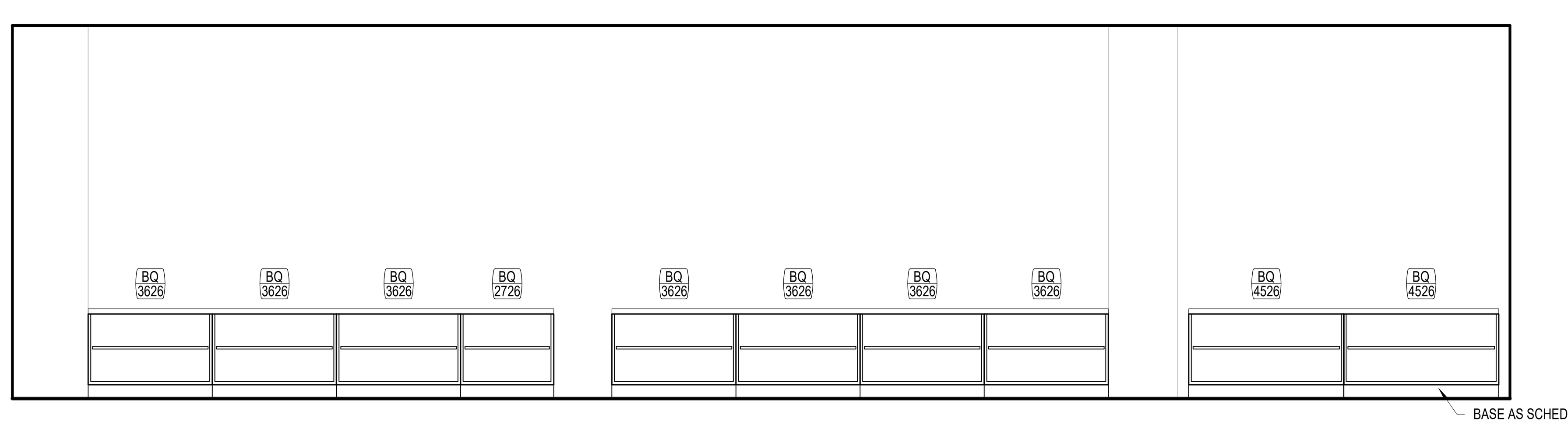

6 **1938-DRAFTING-WEST**
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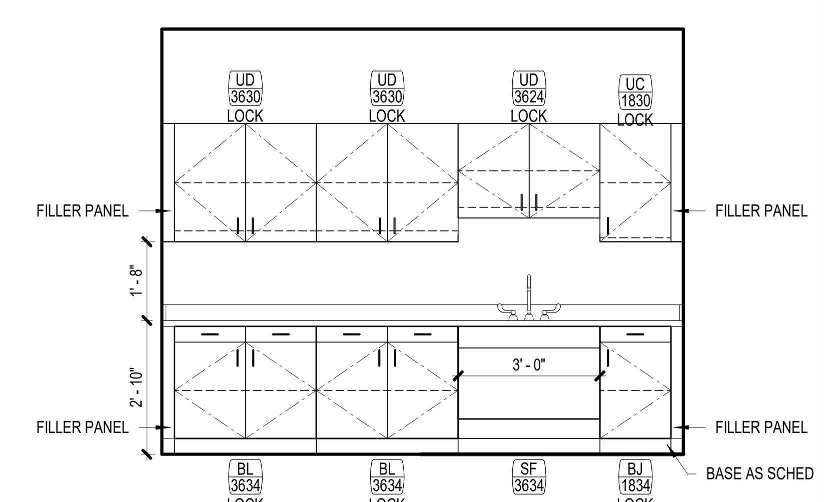

1 **1941-WORK AREA-WEST**
SCALE: 3/8" = 1'-0"

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
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INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
2. FOR PLUMBING FIXTURE HEIGHTS, REFER TO PLUMBING DWG.SINKS, LAVATORIES AND FAUCETS SHOWN ARE FOR REFERENCE ONLY. REFER TO PLBG DWGS FOR SCHED. FIXTURES. SINK TO BE CENTERED IN MILLWORK ELEVATION INDICATED U.N.O.
3. MILLWORK SHALL BE FINISHED WITH PLASTIC LAMINATE , REFER FINISH PLANS. FOR UPPER CABINETS, PLAM FINISH ON TOP UNLESS SOFFIT IS SCHEDULED.
4. BASE CABINETS TO BE 24" DEEP U.N.O. UPPER CABINETS TO BE 14" DEEP U.N.O. ALL UNIT HEIGHTS AND WIDTH ARE INDICATED BY MILLWORK ELEVATION TAG, U.N.O.
5. INSTALL MATCHING FINISHED PANELS ON ALL EXPOSED ENDS AND SIDES. WHEN A FILLER PANEL EXISTS AT EACH END OF A CONTINUOUS RUN OF A CASEWORK, MAKE EACH PANEL EQUAL WIDTH U.N.O.
6. CABINET PULLS SHALL BE LOCATED AS INDICATED ON DETAIL.
7. WHEN BOTH UPPER AND LOWER CABINET HAVE FIXED ENDS HORIZONTALLY WITHIN 3" OF EACH OTHER, ENDS SHALL ALIGN VERTICALLY, U.N.O.
8. GYP. BD. REVEALS ARE 1/4" REVEAL CHANNEL SCREED BY FRY REGLETS OR EQUAL, UNLESS NOTED OTHERWISE IN THE DRAWINGS. PAINT SAME COLOR AS WALL FINISH U.N.O.
9. PROVIDE 2" DIA. GROMMETS AT ALL WORKSTATIONS WITH KNEE SPACES AND WHERE ACCESS TO POWER AND/OR LOW VOLTAGE IS NEEDED. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
10. THE ALPHABETIC DESIGNATION BEHIND THE SHEET NUMBER ON THE 200 SERIES DOES NOT RELATE TO THE FLOOR PLAN AREA DESIGNATION.
11. AT ALL SINK LOCATIONS WITH THE EXCEPTION OF THOSE WITH SLOPED PANELS, INSULATE EXPOSED PIPES.
12. AT TV & MONITOR LOCATIONS, CONTRACTOR TO VERIFY BRACKET DIMENSIONS, CLEAR POWER & DATA OUTLETS.
13. ALL OBJECTS MOUNTED ON WALLS, BETWEEN 27" AND 80" ABOVE THE FINISH FLOOR, SHALL NOT PROTRUDE MORE THAN 4", TYPICAL.
14. FOR TILE PLACEMENT, REFER TO FINISH PLANS
15. AT EXPOSED EDGE OF GLAZING, PROVIDE STAINLESS STEEL END CHANNEL
16. ALL WALLS TO BE PAINTED PNT-1 U.N.O. ALL MILLWORK TO BE PLM-1, U.N.O. ALL COUNTERTOPS TO BE PLM-2 U.N.O. ALL WALL BASE TO BE RB-1 U.N.O.
17. ALL TILE SHALL HAVE SCHLUTER EDGE TRIM AT ALL EXPOSED TILE EDGES.
18. SCIENCE CLASSROOM CASEWORK TO BE SOLID WOOD; COUNTERTOPS TO BE EPOXY. ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK
19. COORDINATE PLUMBING AND/OR ELECTRICAL REQUIREMENTS FOR APPLIANCES AND EQUIPMENT WITH CASEWORK.
20. COORDINATE DIMENSIONS AND CLEARANCE REQUIREMENTS FOR ALL FILE CABINETS, APPLIANCES AND EQUIPMENT PROVIDED BY CONTRACTOR AND/OR OWNER.
21. CONTINUE COUNTERTOP BACKSPLASH TO SIDEWALLS WHERE SUCH CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
22. ALL BASE, UPPER, AND TALL CABINETS ARE TO BE LOCKABLE. LOCKS TO BE KEYED ALIKE IN SAME ROOM; LOCKS TO BE KEYED DIFFERENT BETWEEN ROOMS.
23. PROVIDE STAMPED NUMBER ON CYLINDER LOCK FACE. COORDINATE NUMBERING REQUIREMENT WITH ARCHITECT.
24. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
25. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. EXCLUDES WATERFALL COUNTERTOP CONDITIONS.
26. PROVIDE WALL BASE FOR RECESSED TOE-KICKS AND BACK OF KNEE SPACE(S) UNLESS NOTED OTHERWISE
27. MILLWORK SHALL BE CAULKED TO WALLS.
28. CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED
29. SPLICES ARE NOT PERMITTED ON CONTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
30. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 3034 LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
23	ACCESSORY TAG
XXXX	EQUIPMENT TAG, REFER TO FIXED EQUIPMENT, A-662
H3 A-301 SIM	SECTION TAG REFER TO SECTION AS INDICATED
H3 A-301 SIM	ELEVATION TAG REFER TO ELEVATION AS INDICATED
88	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
— — — —	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JUSTIN LANE WINCHESTER 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

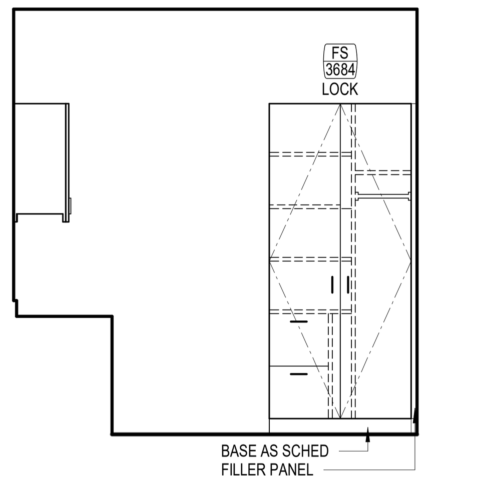
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-214



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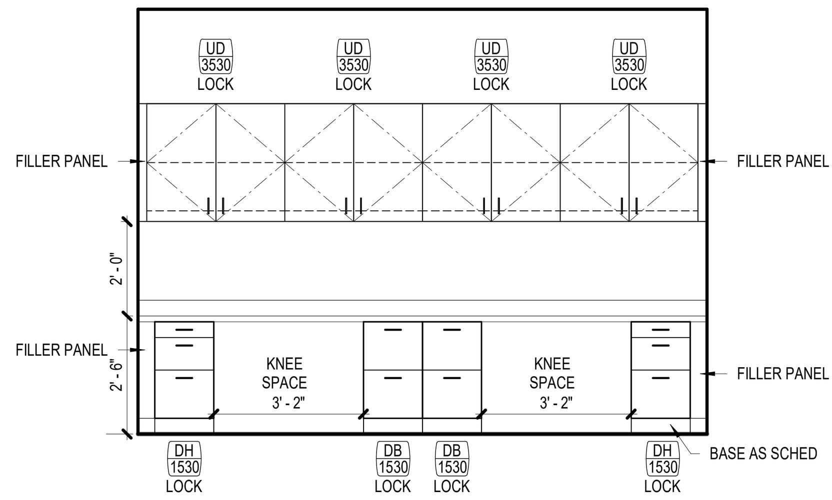

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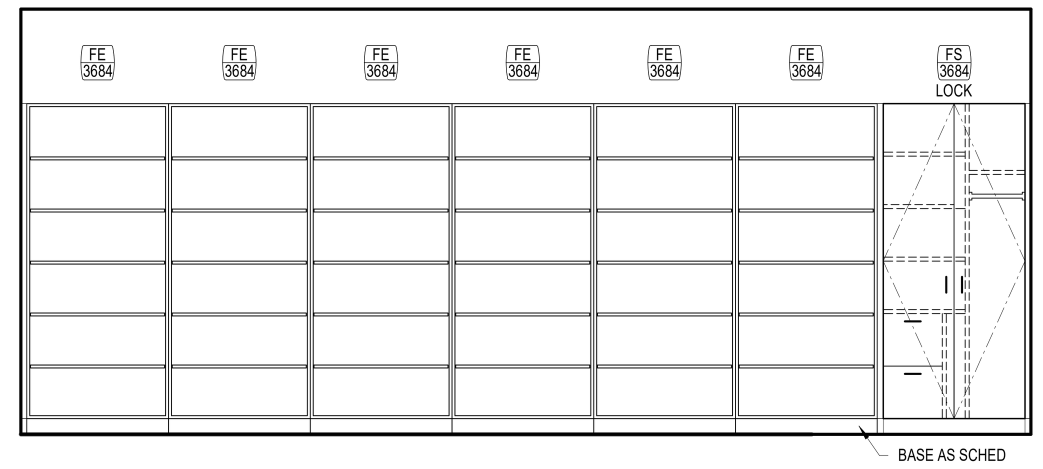

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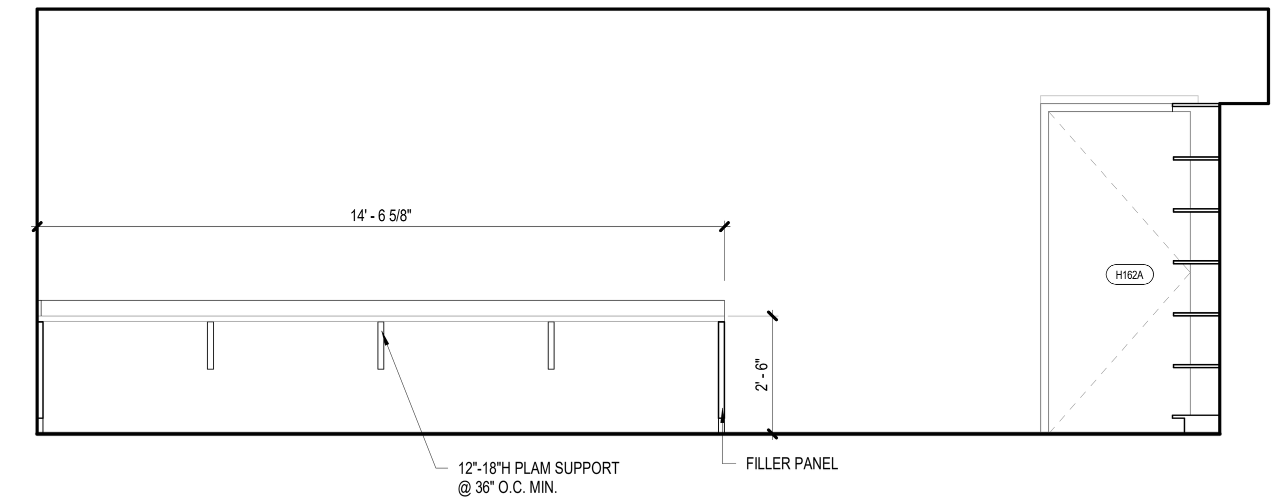

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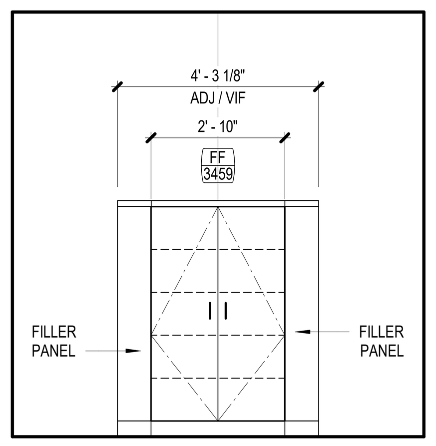

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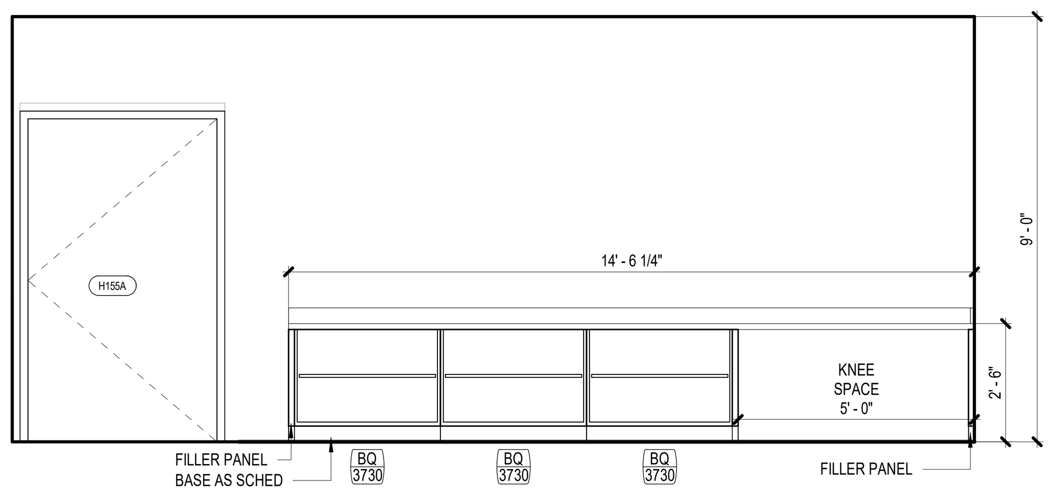

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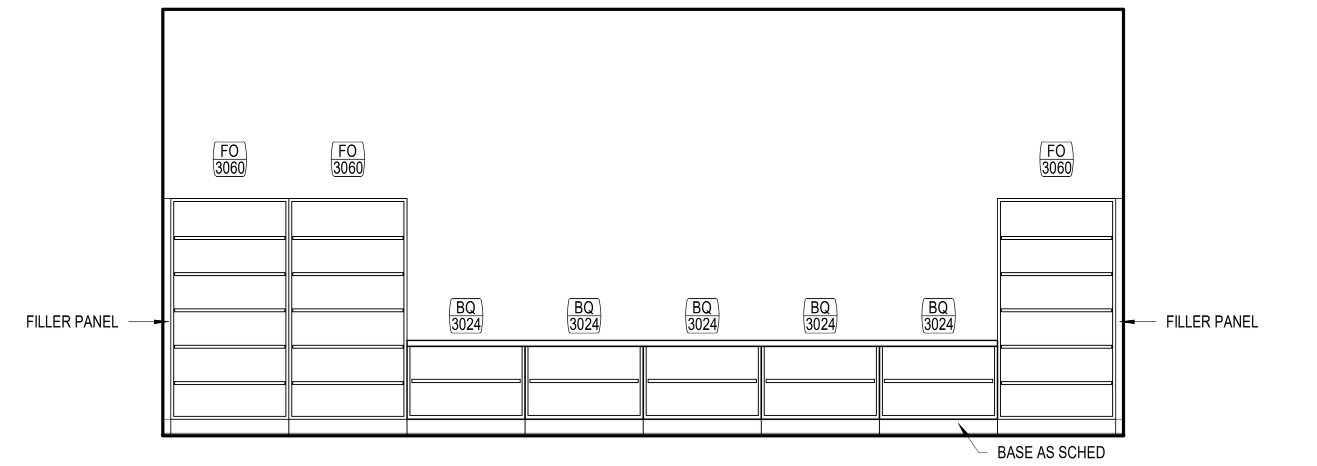

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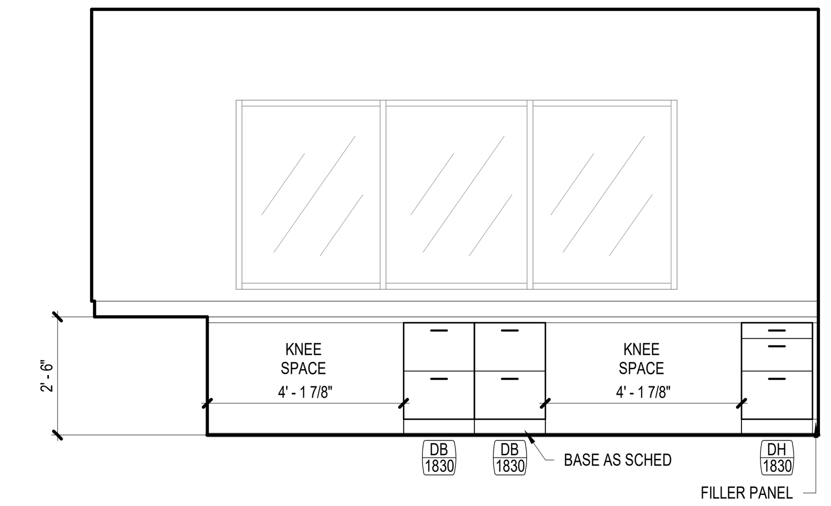

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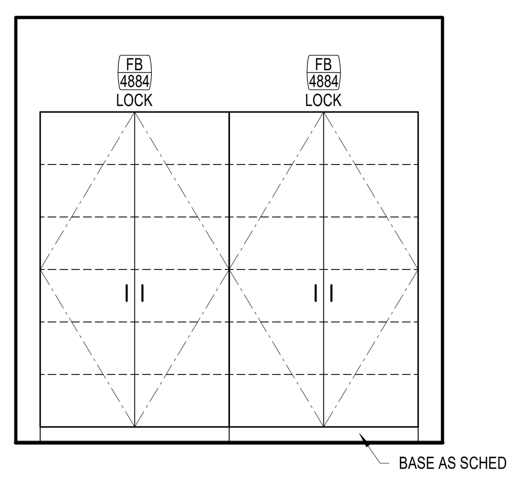

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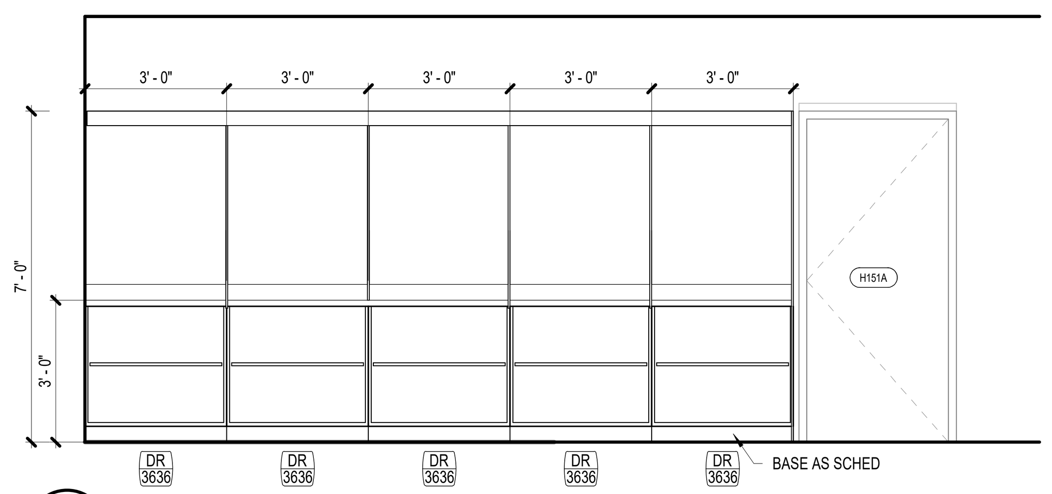

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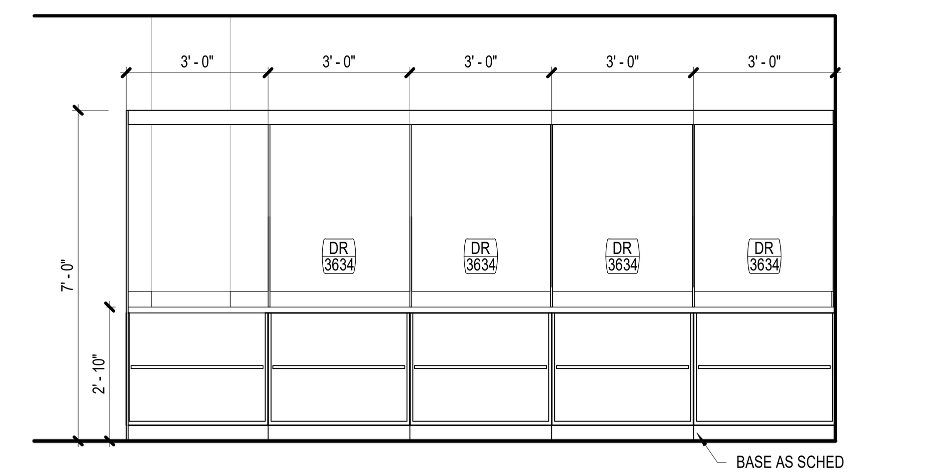

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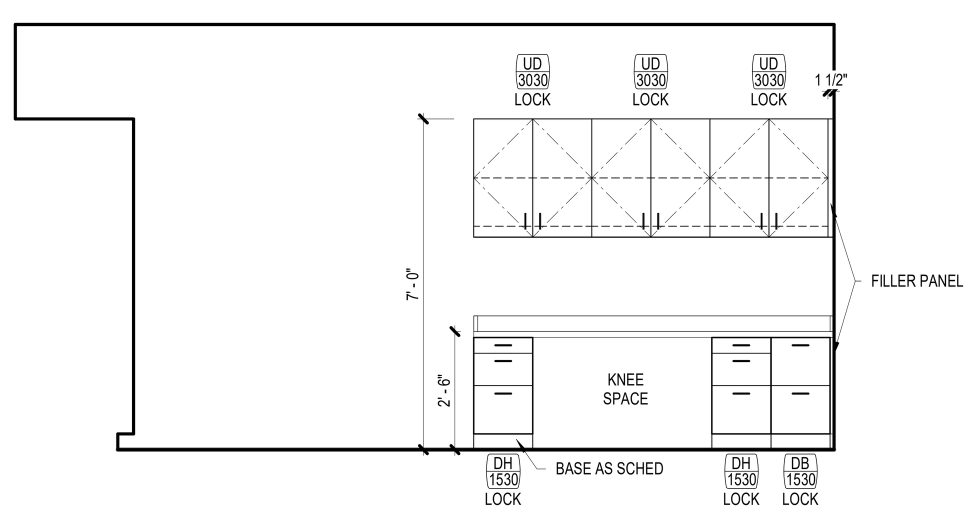

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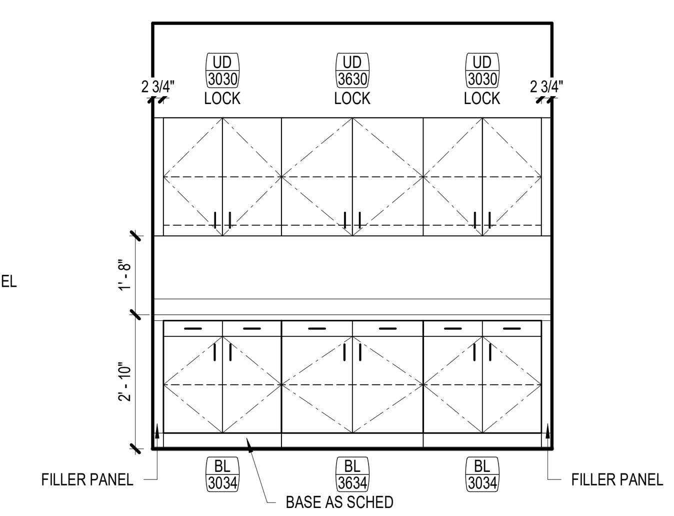

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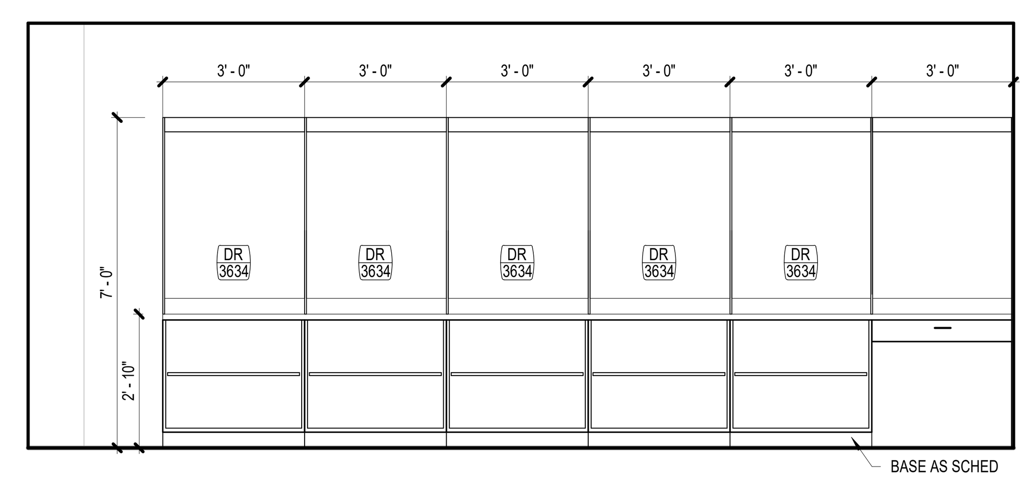

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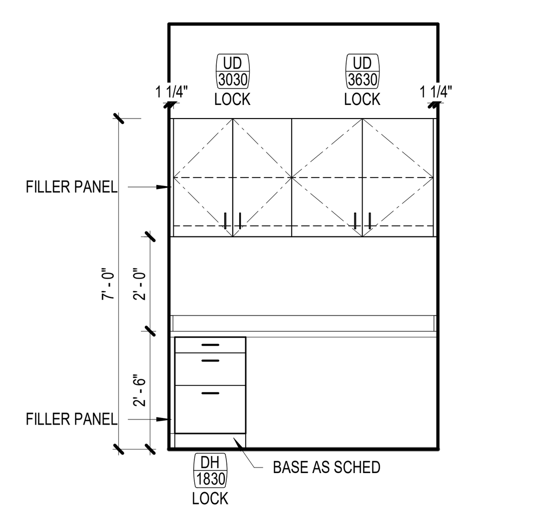

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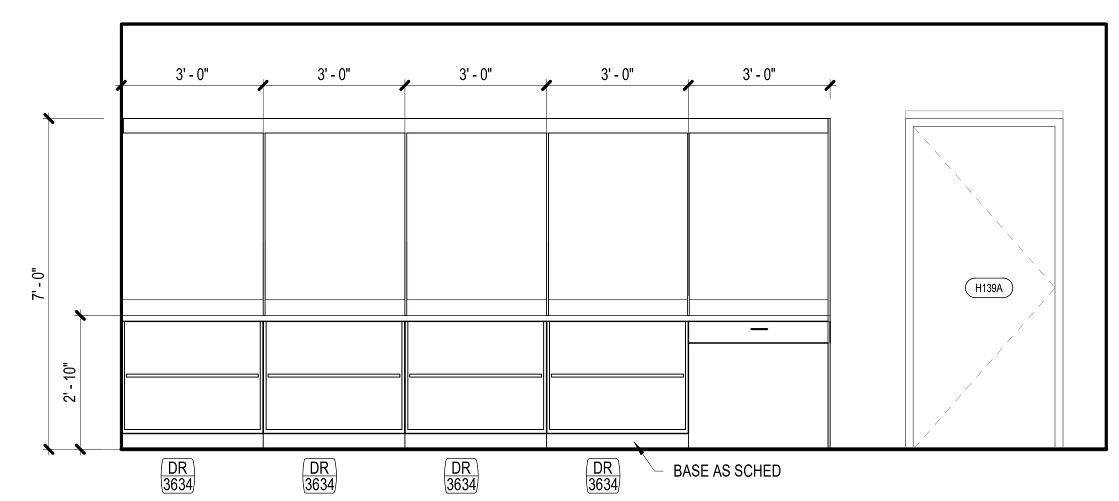

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INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
2. FOR PLUMBING FIXTURE HEIGHTS, REFER TO PLUMBING DWG.SINKS, LAVATORIES AND FAUCETS SHOWN ARE FOR REFERENCE ONLY. REFER TO PLBG DWGS FOR SCHED. FIXTURES. SINK TO BE CENTERED IN MILLWORK ELEVATION INDICATED U.N.O.
3. MILLWORK SHALL BE FINISHED WITH PLASTIC LAMINATE , REFER FINISH PLANS. FOR UPPER CABINETS, PLAM FINISH ON TOP UNLESS SOFFIT IS SCHEDULED.
4. BASE CABINETS TO BE 24" DEEP U.N.O. UPPER CABINETS TO BE 14" DEEP U.N.O. ALL UNIT HEIGHTS AND WIDTH ARE INDICATED BY MILLWORK ELEVATION TAG, U.N.O.
5. INSTALL MATCHING FINISHED PANELS ON ALL EXPOSED ENDS AND SIDES. WHEN A FILLER PANEL EXISTS AT EACH END OF A CONTINUOUS RUN OF A CASEWORK, MAKE EACH PANEL EQUAL WIDTH U.N.O.
6. CABINET PULLS SHALL BE LOCATED AS INDICATED ON DETAIL.
7. WHEN BOTH UPPER AND LOWER CABINET HAVE FIXED ENDS HORIZONTALLY WITHIN 3" OF EACH OTHER, ENDS SHALL ALIGN VERTICALLY, U.N.O.
8. GYP. BD. REVEALS ARE 1/4" REVEAL CHANNEL SCREED BY FRY REGLETS OR EQUAL, UNLESS NOTED OTHERWISE IN THE DRAWINGS. PAINT SAME COLOR AS WALL FINISH U.N.O.
9. PROVIDE 2" DIA. GROMMETS AT ALL WORKSTATIONS WITH KNEE SPACES AND WHERE ACCESS TO POWER AND/OR LOW VOLTAGE IS NEEDED. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
10. THE ALPHABETIC DESIGNATION BEHIND THE SHEET NUMBER ON THE 200 SERIES DOES NOT RELATE TO THE FLOOR PLAN AREA DESIGNATION.
11. AT ALL SINK LOCATIONS WITH THE EXCEPTION OF THOSE WITH SLOPED PANELS, INSULATE EXPOSED PIPES.
12. AT TV & MONITOR LOCATIONS, CONTRACTOR TO VERIFY BRACKET DIMENSIONS, CLEAR POWER & DATA OUTLETS.
13. ALL OBJECTS MOUNTED ON WALLS, BETWEEN 27" AND 80" ABOVE THE FINISH FLOOR, SHALL NOT PROTRUDE MORE THAN 4", TYPICAL.
14. FOR TILE PLACEMENT, REFER TO FINISH PLANS
15. AT EXPOSED EDGE OF GLAZING, PROVIDE STAINLESS STEEL END CHANNEL
16. ALL WALLS TO BE PAINTED PNT-1 U.N.O. ALL MILLWORK TO BE PLM-1, U.N.O. ALL COUNTERTOPS TO BE PLM-2 U.N.O. ALL WALL BASE TO BE RB-1 U.N.O.
17. ALL TILE SHALL HAVE SCHLUTER EDGE TRIM AT ALL EXPOSED TILE EDGES.
18. SCIENCE CLASSROOM CASEWORK TO BE SOLID WOOD; COUNTERTOPS TO BE EPOXY. ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK
19. COORDINATE PLUMBING AND/OR ELECTRICAL REQUIREMENTS FOR APPLIANCES AND EQUIPMENT WITH CASEWORK.
20. COORDINATE DIMENSIONS AND CLEARANCE REQUIREMENTS FOR ALL FILE CABINETS, APPLIANCES AND EQUIPMENT PROVIDED BY CONTRACTOR AND/OR OWNER.
21. CONTINUE COUNTERTOP BACKSPLASH TO SIDEWALLS WHERE SUCH CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
22. ALL BASE, UPPER, AND TALL CABINETS ARE TO BE LOCKABLE. LOCKS TO BE KEYED ALIKE IN SAME ROOM; LOCKS TO BE KEYED DIFFERENT BETWEEN ROOMS.
23. PROVIDE STAMPED NUMBER ON CYLINDER LOCK FACE. COORDINATE NUMBERING REQUIREMENT WITH ARCHITECT.
24. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
25. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. EXCLUDES WATERFALL COUNTERTOP CONDITIONS.
26. PROVIDE WALL BASE FOR RECESSED TOE-KICKS AND BACK OF KNEE SPACE(S) UNLESS NOTED OTHERWISE
27. MILLWORK SHALL BE CAULKED TO WALLS.
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88	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
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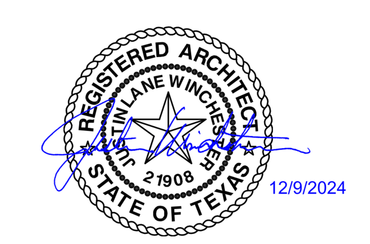
REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

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33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
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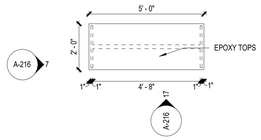
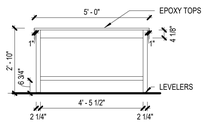
SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-215



17 **SCIENCE TABLES FRONT VIEW**
SCALE: 3/8" = 1'-0"



11 **SCIENCE TABLES - PLAN VIEW**
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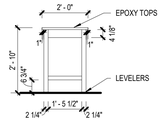

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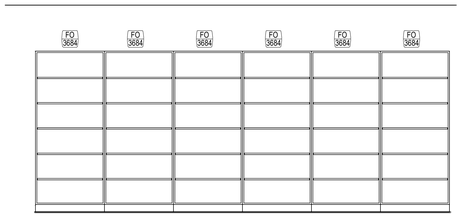

10 **2410-MEDIA LIBRARY (TYP A)**
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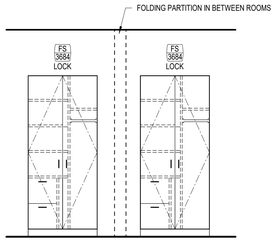

12 **Typical Full Double Cupboard**
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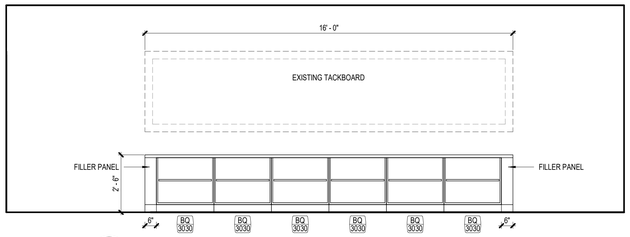

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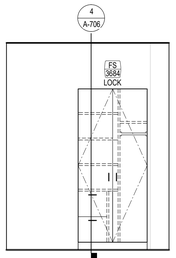

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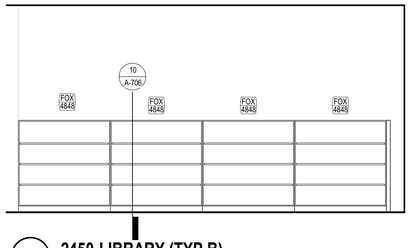

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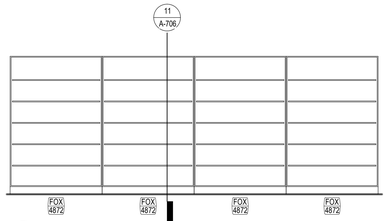

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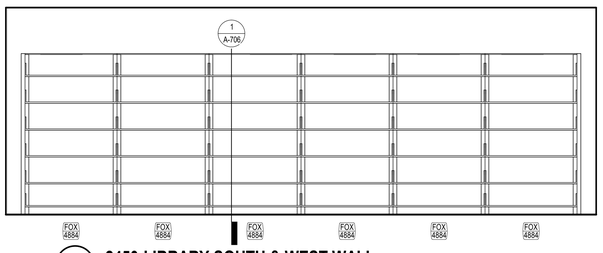

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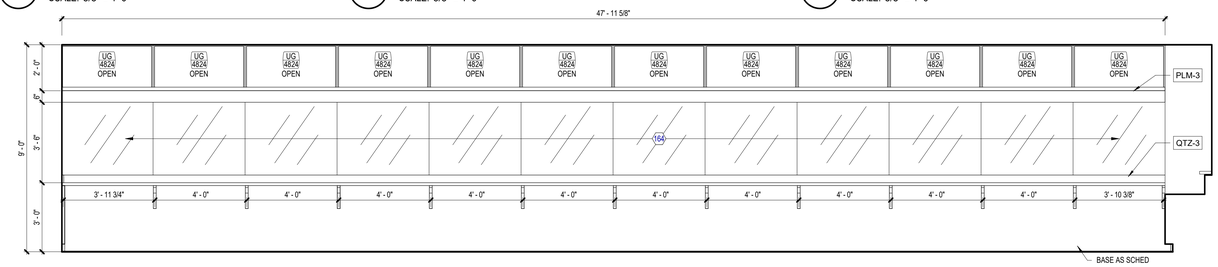

6 **1874-COSMETOLOGY-EAST (UPDATE)**
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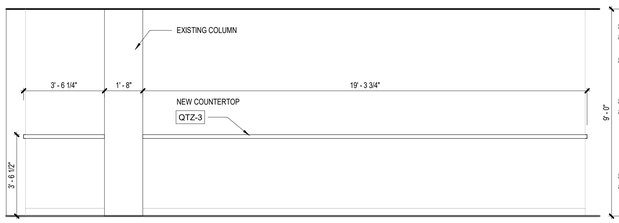

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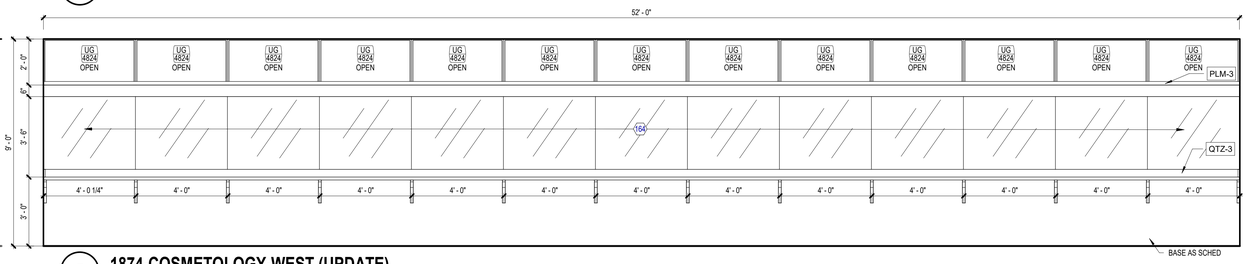

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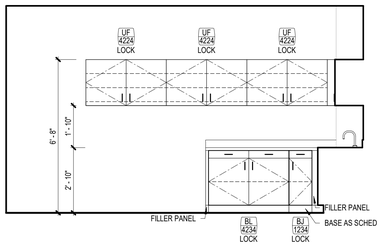
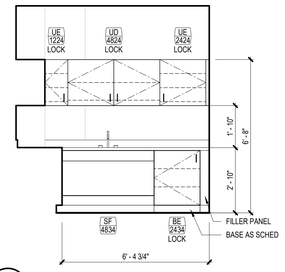
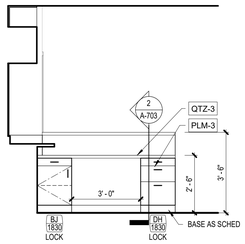


4 **H169-WASHER/DRYER-NORTH**
SCALE: 3/8" = 1'-0"



3 **H169-WASHER/DRYER-EAST**
SCALE: 3/8" = 1'-0"



2 **1874-COSMETOLOGY RECEPTION**
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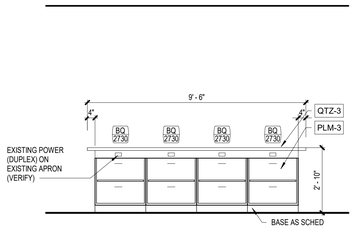

1 **1874-COSMETOLOGY ISLAND (UPDATE)**
SCALE: 3/8" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
2. FOR PLUMBING FIXTURE HEIGHTS, REFER TO PLUMBING DWG.SINKS, LAVATORIES AND FAUCETS SHOWN ARE FOR REFERENCE ONLY. REFER TO PLBG DWGS FOR SCHED. FIXTURES. SINK TO BE CENTERED IN MILLWORK ELEVATION INDICATED U.N.O.
3. MILLWORK SHALL BE FINISHED WITH PLASTIC LAMINATE , REFER FINISH PLANS. FOR UPPER CABINETS, PLAM FINISH ON TOP UNLESS SOFFIT IS SCHEDULED.
4. BASE CABINETS TO BE 24" DEEP U.N.O. UPPER CABINETS TO BE 14" DEEP U.N.O. ALL UNIT HEIGHTS AND WIDTH ARE INDICATED BY MILLWORK ELEVATION TAG, U.N.O.
5. INSTALL MATCHING FINISHED PANELS ON ALL EXPOSED ENDS AND SIDES. WHEN A FILLER PANEL EXISTS AT EACH END OF A CONTINUOUS RUN OF A CASEWORK, MAKE EACH PANEL EQUAL WIDTH U.N.O.
6. CABINET PULLS SHALL BE LOCATED AS INDICATED ON DETAIL.
7. WHEN BOTH UPPER AND LOWER CABINET HAVE FIXED ENDS HORIZONTALLY WITHIN 3" OF EACH OTHER, ENDS SHALL ALIGN VERTICALLY, U.N.O.
8. GYP. BD. REVEALS ARE 1/4" REVEAL CHANNEL SCREED BY FRY REGLETS OR EQUAL, UNLESS NOTED OTHERWISE IN THE DRAWINGS. PAINT SAME COLOR AS WALL FINISH U.N.O.
9. PROVIDE 2" DIA. GROMMETS AT ALL WORKSTATIONS WITH KNEE SPACES AND WHERE ACCESS TO POWER AND/OR LOW VOLTAGE IS NEEDED. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
10. THE ALPHABETIC DESIGNATION BEHIND THE SHEET NUMBER ON THE 200 SERIES DOES NOT RELATE TO THE FLOOR PLAN AREA DESIGNATION.
11. AT ALL SINK LOCATIONS WITH THE EXCEPTION OF THOSE WITH SLOPED PANELS, INSULATE EXPOSED PIPES.
12. AT TV & MONITOR LOCATIONS, CONTRACTOR TO VERIFY BRACKET DIMENSIONS, CLEAR POWER & DATA OUTLETS.
13. ALL OBJECTS MOUNTED ON WALLS, BETWEEN 27" AND 80" ABOVE THE FINISH FLOOR, SHALL NOT PROTRUDE MORE THAN 4", TYPICAL.
14. FOR TILE PLACEMENT, REFER TO FINISH PLANS
15. AT EXPOSED EDGE OF GLAZING, PROVIDE STAINLESS STEEL END CHANNEL
16. ALL WALLS TO BE PAINTED PNT-1 U.N.O. ALL MILLWORK TO BE PLM-1, U.N.O. ALL COUNTERTOPS TO BE PLM-2 U.N.O. ALL WALL BASE TO BE RB-1 U.N.O.
17. ALL TILE SHALL HAVE SCHLUTER EDGE TRIM AT ALL EXPOSED TILE EDGES.
18. SCIENCE CLASSROOM CASEWORK TO BE SOLID WOOD; COUNTERTOPS TO BE EPOXY. ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK
19. COORDINATE PLUMBING AND/OR ELECTRICAL REQUIREMENTS FOR APPLIANCES AND EQUIPMENT WITH CASEWORK.
20. COORDINATE DIMENSIONS AND CLEARANCE REQUIREMENTS FOR ALL FILE CABINETS, APPLIANCES AND EQUIPMENT PROVIDED BY CONTRACTOR AND/OR OWNER.
21. CONTINUE COUNTERTOP BACKSPLASH TO SIDEWALLS WHERE SUCH CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
22. ALL BASE, UPPER, AND TALL CABINETS ARE TO BE LOCKABLE. LOCKS TO BE KEYED ALIKE IN SAME ROOM; LOCKS TO BE KEYED DIFFERENT BETWEEN ROOMS.
23. PROVIDE STAMPED NUMBER ON CYLINDER LOCK FACE. COORDINATE NUMBERING REQUIREMENT WITH ARCHITECT.
24. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
25. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. EXCLUDES WATERFALL COUNTERTOP CONDITIONS.
26. PROVIDE WALL BASE FOR RECESSED TOE-KICKS AND BACK OF KNEE SPACE(S) UNLESS NOTED OTHERWISE
27. MILLWORK SHALL BE CAULKED TO WALLS.
28. CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED
29. SPLICES ARE NOT PERMITTED ON CONTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
30. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 3034 LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
23	ACCESSORY TAG
XXXX	EQUIPMENT TAG, REFER TO FIXED EQUIPMENT, A-662
SIM H3 A-301	SECTION TAG REFER TO SECTION AS INDICATED
SIM H3 A-301	ELEVATION TAG REFER TO ELEVATION AS INDICATED
99	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.

Page/

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281.578.9595

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6925 Portwest Drive
Suite 100
Houston, Texas 77024
346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-216

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-AW-R23.rvt
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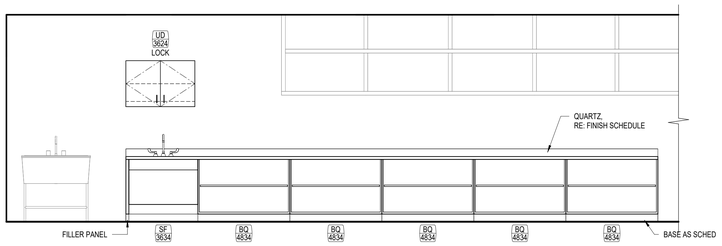
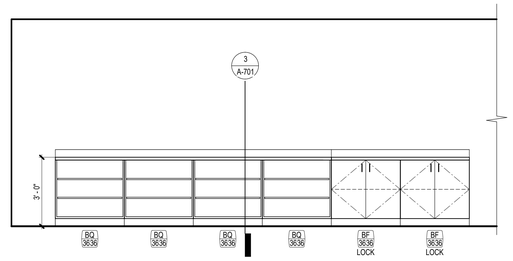


21 1883-SCULPTURE-EAST
SCALE: 3/8" = 1'-0"



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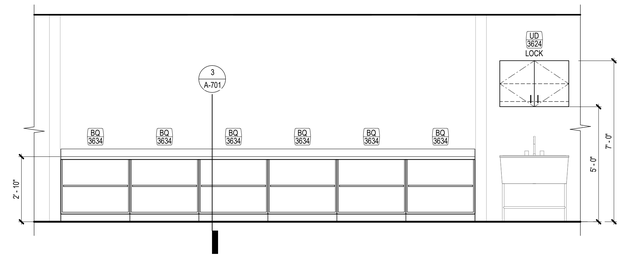

7 1883-SCULPTURE-WORK BENCH&SINK (UPDATE)
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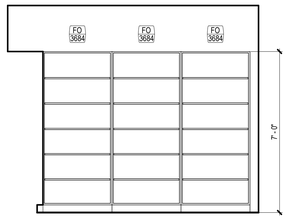
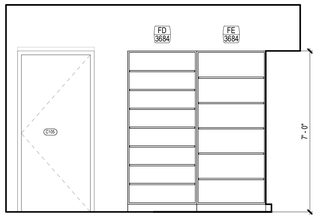
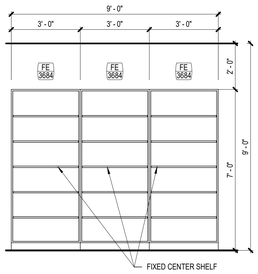


20 C105-CHORAL LIBRARY-EAST
SCALE: 3/8" = 1'-0"



17 C105-CHORAL LIBRARY-NORTH
SCALE: 3/8" = 1'-0"



12 1850-CHORAL ROOM-EAST
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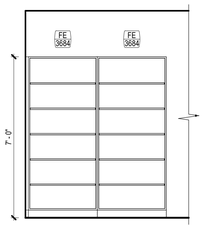
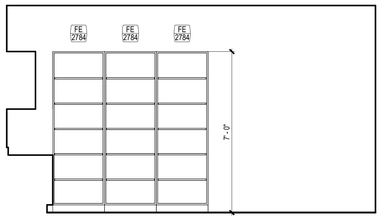


11 1850-CHORAL ROOM-SOUTH
SCALE: 3/8" = 1'-0"



6 1811-OFFICE/LIBRARY-SOUTH
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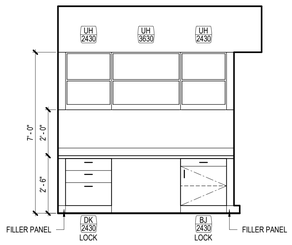
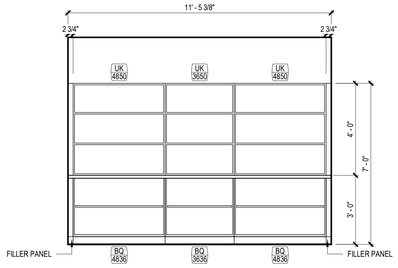
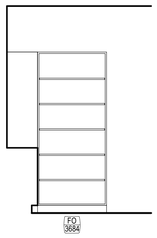


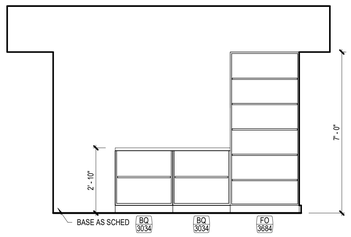
5 1811-OFFICE/LIBRARY-EAST
SCALE: 3/8" = 1'-0"



19 1816-INSTRUMENT STORAGE-EAST
SCALE: 3/8" = 1'-0"



16 1841-OFFICE/LIBRARY-NORTH
SCALE: 3/8" = 1'-0"



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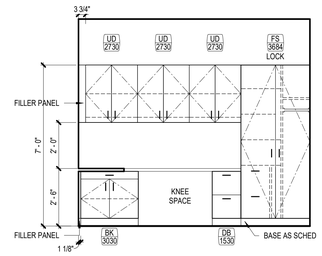
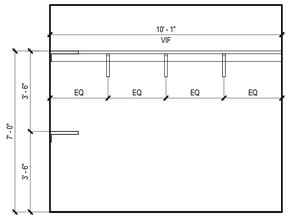
SCALE: 3/8" = 1'-0"



4 1841-OFFICE/LIBRARY DESK-SOUTH (UPDATE)
SCALE: 3/8" = 1'-0"



18 1843-UNIFORM STORAGE-NORTH
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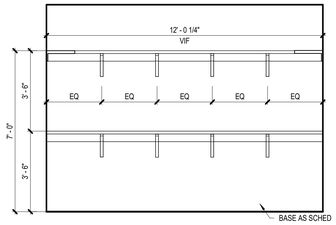

15 1843-UNIFORM STORAGE-WEST
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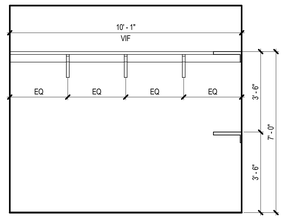
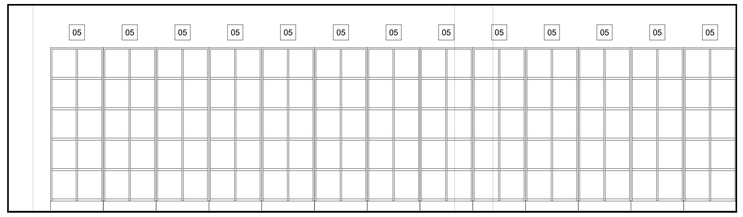
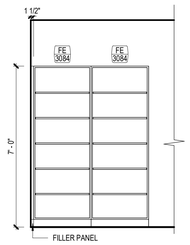


9 1843-UNIFORM STORAGE-SOUTH
SCALE: 3/8" = 1'-0"

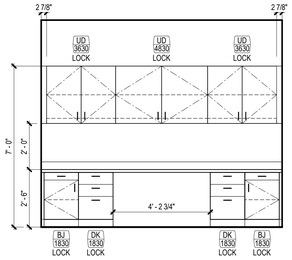


2 INSTRUMENT STORAGE ELEVATION
SCALE: 3/8" = 1'-0"

LEGEND:
05 WENGER CORPORATION - ULTRASTOR 05



14 1826-BAND OFFICE-WEST (UPDATE)
SCALE: 3/8" = 1'-0"



8 1826-BAND OFFICE-EAST (UPDATE)
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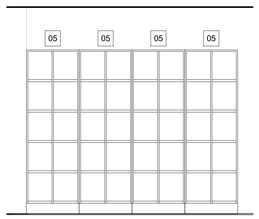
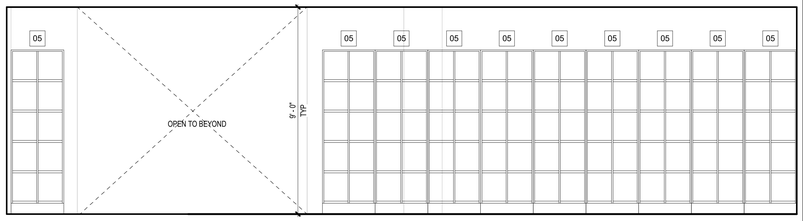


22 1840-INSTRUMENT STORAGE ELEVATION
SCALE: 3/8" = 1'-0"



LEGEND:
05 WENGER CORPORATION - ULTRASTOR 05

1 1840-INSTRUMENT STORAGE ELEVATION
SCALE: 3/8" = 1'-0"

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INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 3034 LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
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H3 A-301 SIM	SECTION TAG REFER TO SECTION AS INDICATED
H3 A-301 SIM	ELEVATION TAG REFER TO ELEVATION AS INDICATED
98	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION

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281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architecs
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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-217

FILE PATH: Autodesk Docs:///33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
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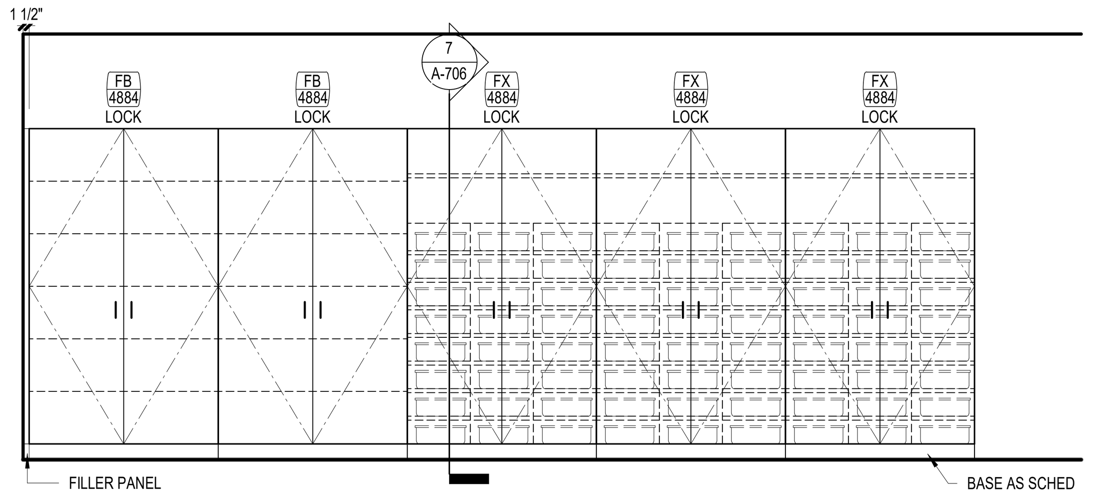
DATE STAMP: 12/6/2024 3:03:39 PM



17 **1705-SEWING LAB-NORTH (UPDATE)**
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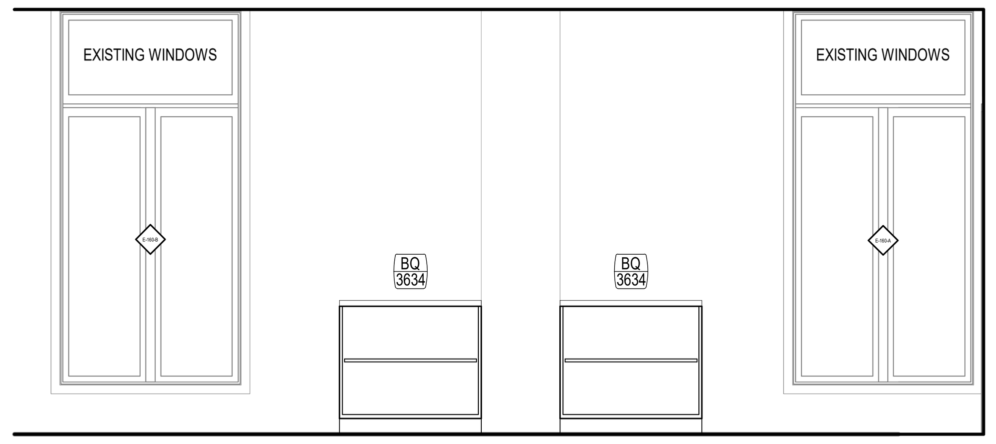

9 **1708-EARLY CHILDHOOD-EAST**
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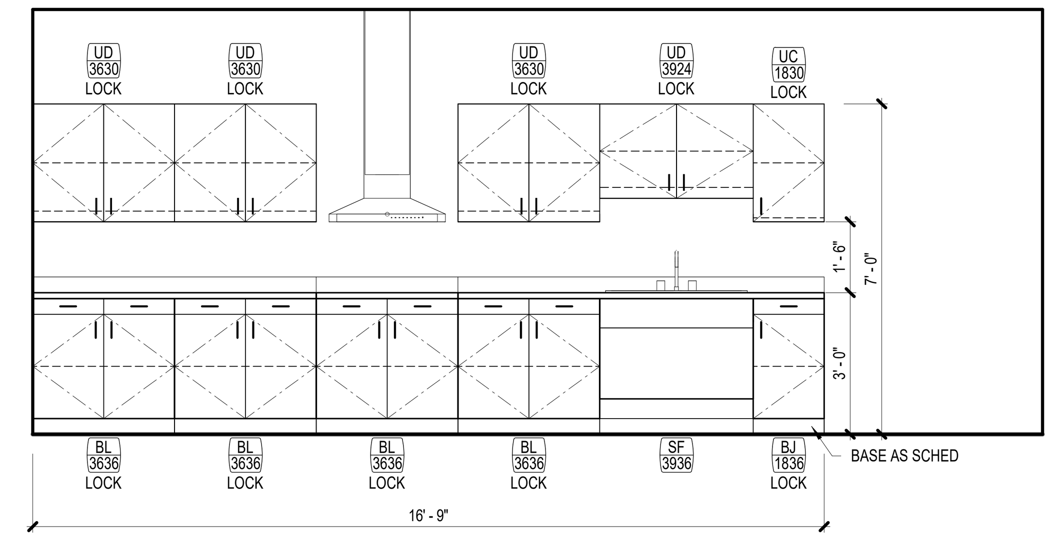

8 **1708-EARLY CHILDHOOD-WEST (UPDATED/TEACHER REQUEST 3 SINK BASIN)**
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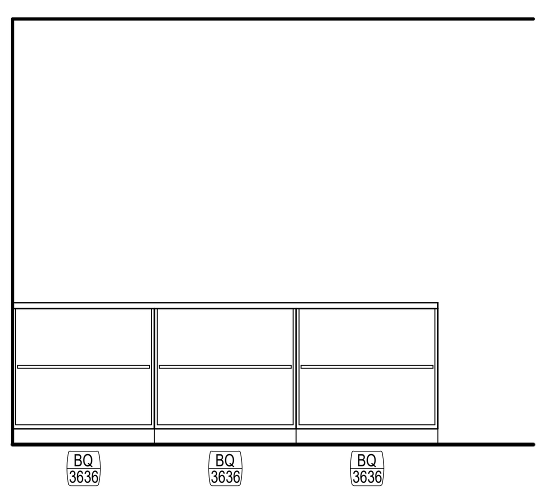

18 **1718-TODDLER-SOUTH**
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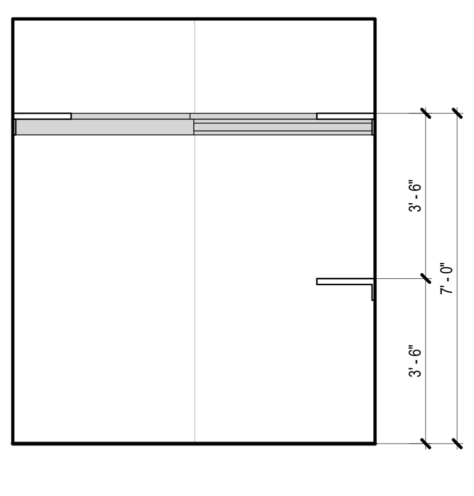

16 **1766-COSTUME STORAGE-WEST**
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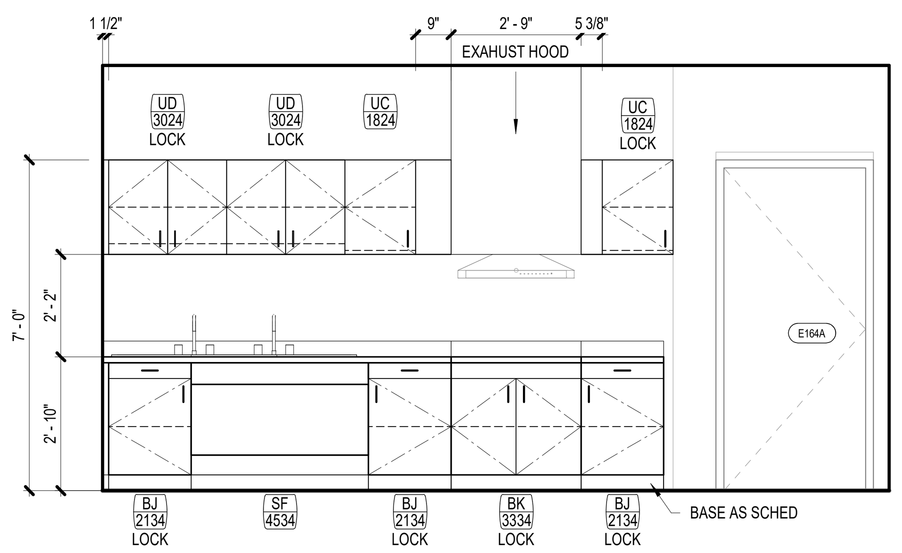

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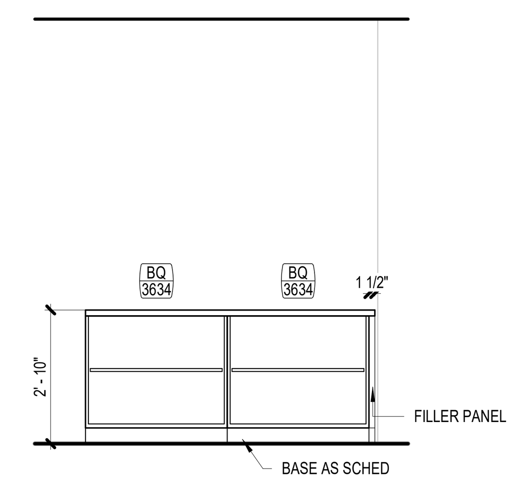

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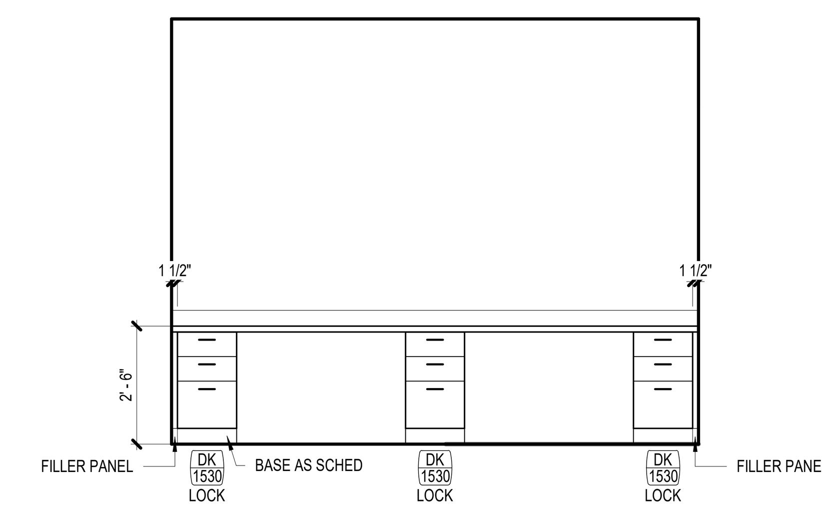

6 **1724-OFFICE-WEST (UPDATE)**
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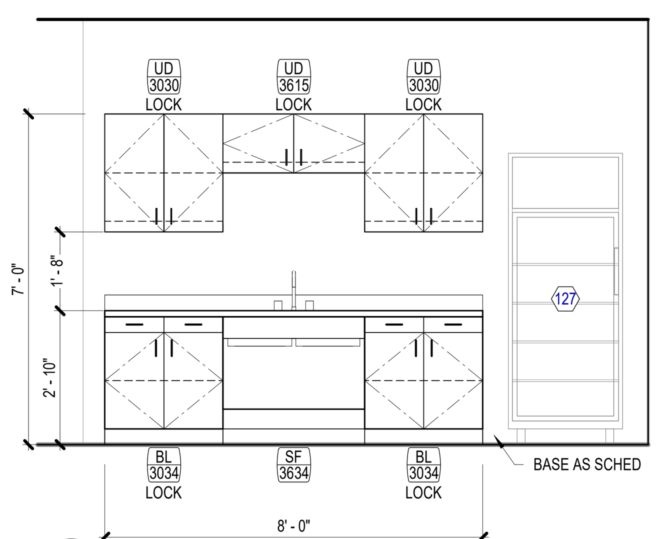

14 **1726-INFANT CARE-WEST**
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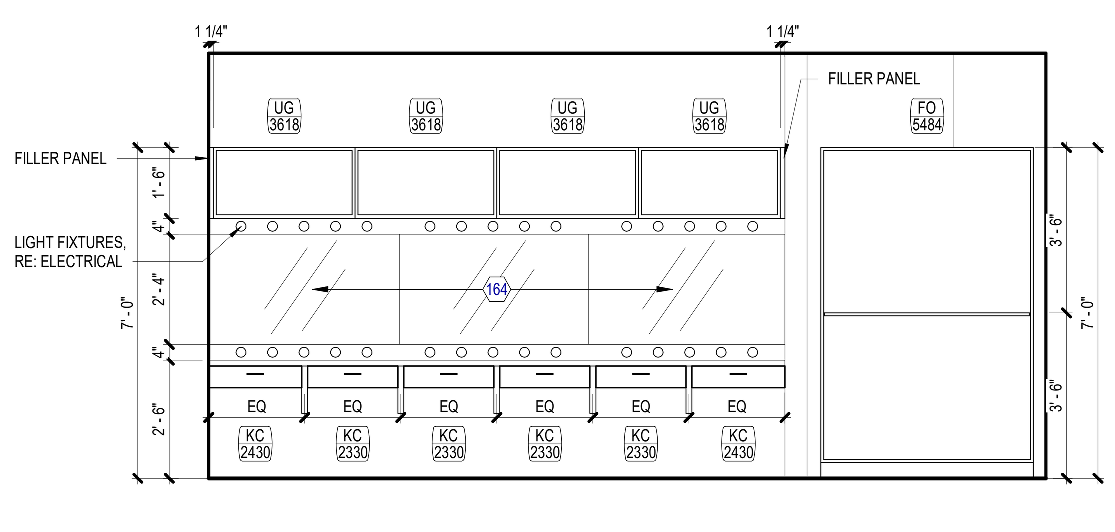

13 **BOY'S AND GIRL´S DRESSING-SOUTH (UPDATE)**
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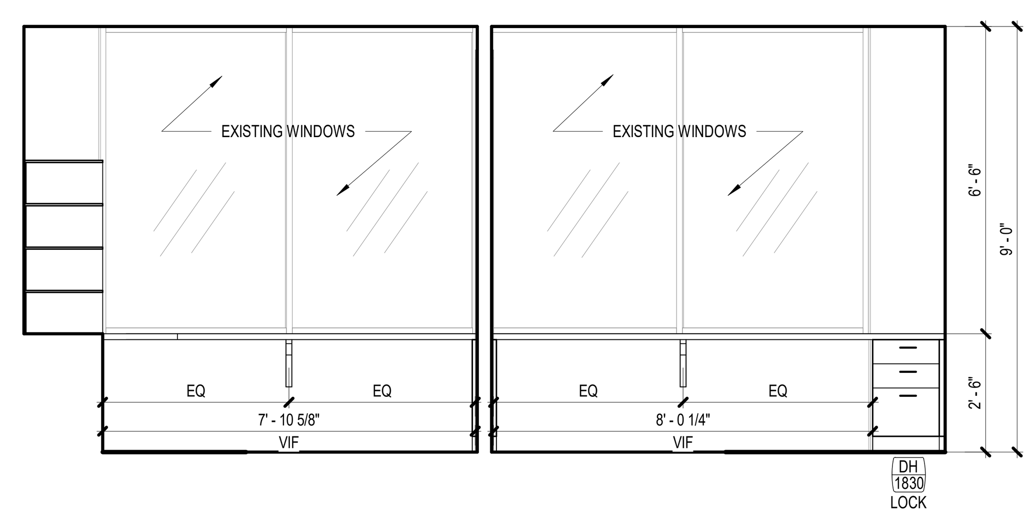

5 **1770-CONTROL ROOM-EAST (UPDATED)**
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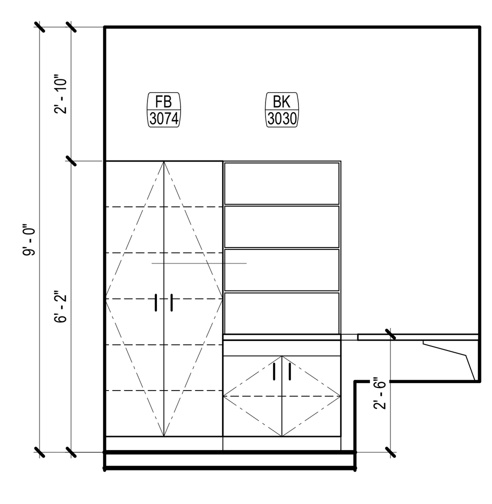

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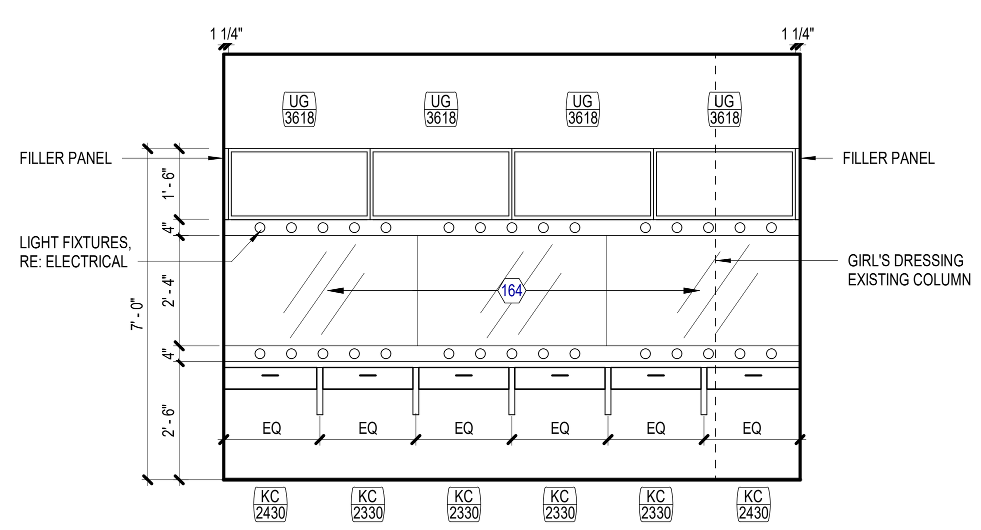

12 **BOY'S AND GIRL´S DRESSING-NORTH (UPDATE)**
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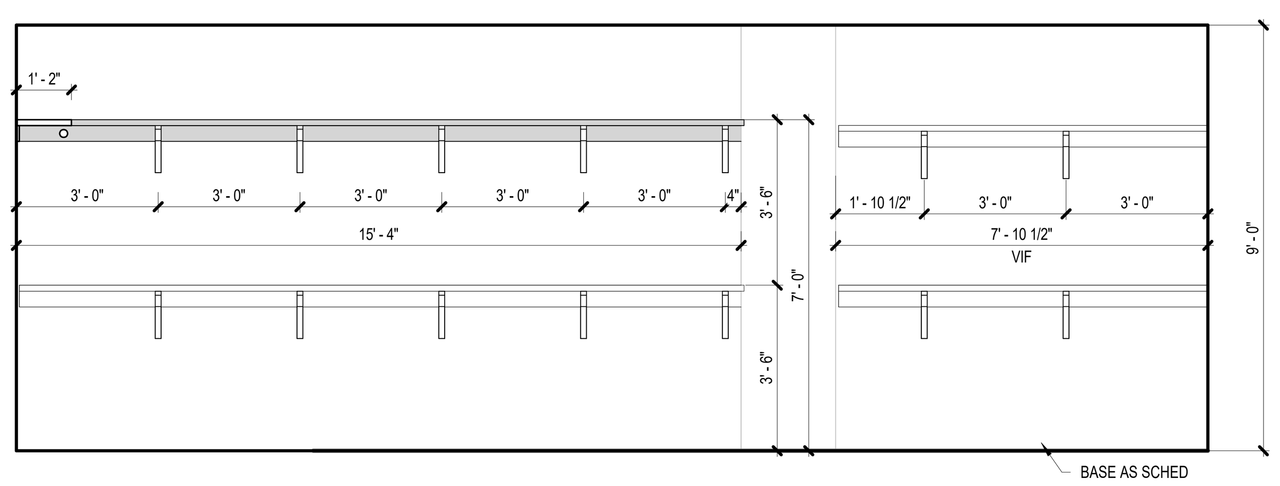

11 **1766-COSTUME STORAGE-NORTH (UPDATE)**
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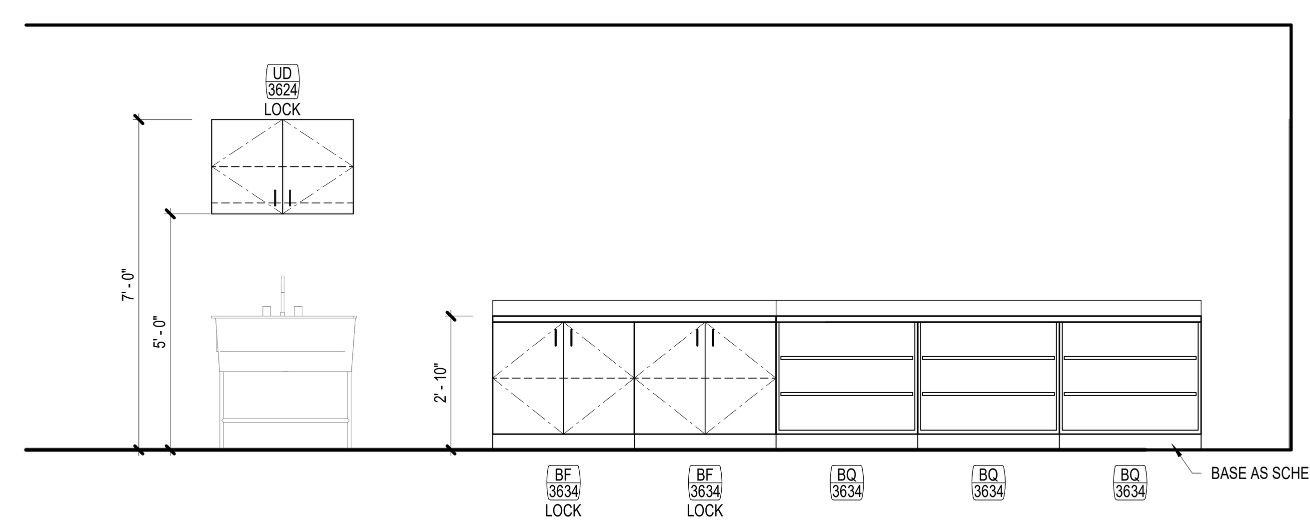

3 **1887-ART-SOUTH**
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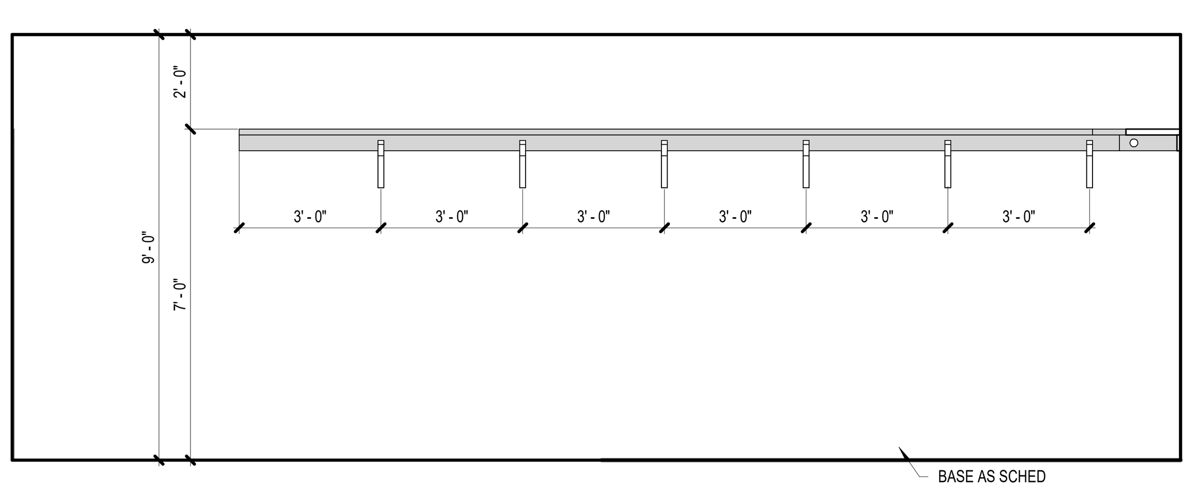
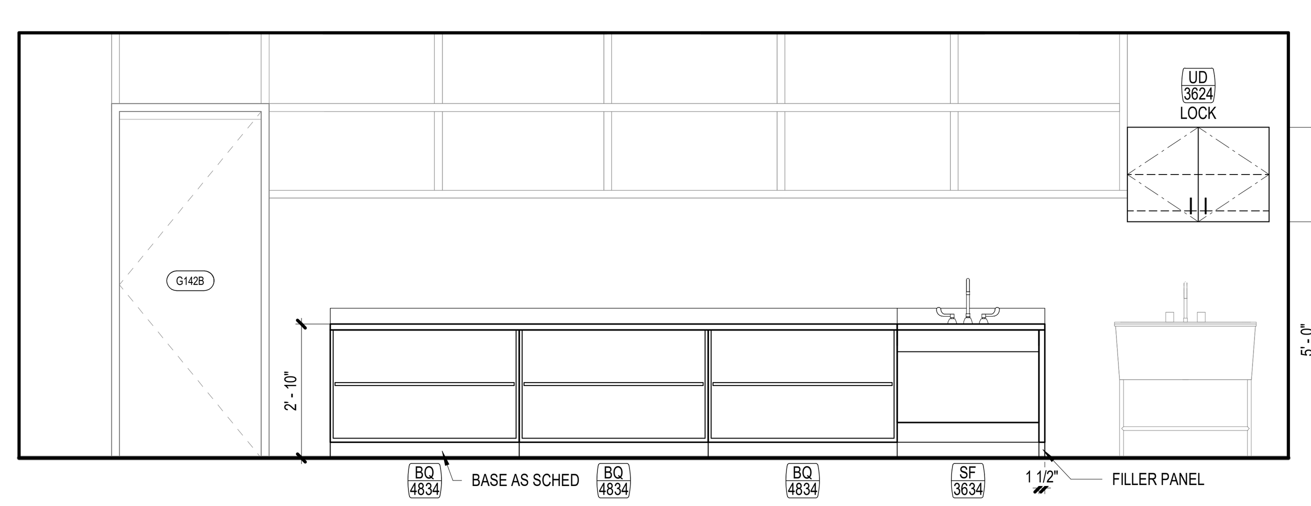


10 **1766-COSTUME STORAGE-SOUTH (UPDATE)**
SCALE: 3/8" = 1'-0"



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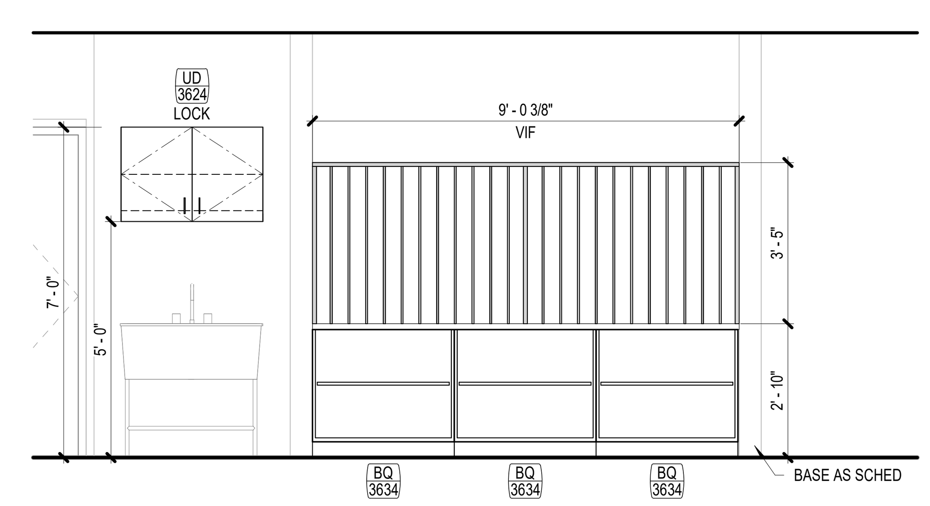

1 **1887-ART WORK BENCH&SINK (UPDATE)**
SCALE: 3/8" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
2. FOR PLUMBING FIXTURE HEIGHTS, REFER TO PLUMBING DWG.SINKS, LAVATORIES AND FAUCETS SHOWN ARE FOR REFERENCE ONLY. REFER TO PLBG DWGS FOR SCHED. FIXTURES. SINK TO BE CENTERED IN MILLWORK ELEVATION INDICATED U.N.O.
3. MILLWORK SHALL BE FINISHED WITH PLASTIC LAMINATE , REFER FINISH PLANS. FOR UPPER CABINETS, PLAM FINISH ON TOP UNLESS SOFFIT IS SCHEDULED.
4. BASE CABINETS TO BE 24" DEEP U.N.O. UPPER CABINETS TO BE 14" DEEP U.N.O. ALL UNIT HEIGHTS AND WIDTH ARE INDICATED BY MILLWORK ELEVATION TAG, U.N.O.
5. INSTALL MATCHING FINISHED PANELS ON ALL EXPOSED ENDS AND SIDES. WHEN A FILLER PANEL EXISTS AT EACH END OF A CONTINUOUS RUN OF A CASEWORK, MAKE EACH PANEL EQUAL WIDTH U.N.O.
6. CABINET PULLS SHALL BE LOCATED AS INDICATED ON DETAIL.
7. WHEN BOTH UPPER AND LOWER CABINET HAVE FIXED ENDS HORIZONTALLY WITHIN 3" OF EACH OTHER, ENDS SHALL ALIGN VERTICALLY, U.N.O.
8. GYP. BD. REVEALS ARE 1/4" REVEAL CHANNEL SCREED BY FRY REGLETS OR EQUAL, UNLESS NOTED OTHERWISE IN THE DRAWINGS. PAINT SAME COLOR AS WALL FINISH U.N.O.
9. PROVIDE 2" DIA. GROMMETS AT ALL WORKSTATIONS WITH KNEE SPACES AND WHERE ACCESS TO POWER AND/OR LOW VOLTAGE IS NEEDED. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
10. THE ALPHABETIC DESIGNATION BEHIND THE SHEET NUMBER ON THE 200 SERIES DOES NOT RELATE TO THE FLOOR PLAN AREA DESIGNATION.
11. AT ALL SINK LOCATIONS WITH THE EXCEPTION OF THOSE WITH SLOPED PANELS, INSULATE EXPOSED PIPES.
12. AT TV & MONITOR LOCATIONS, CONTRACTOR TO VERIFY BRACKET DIMENSIONS, CLEAR POWER & DATA OUTLETS.
13. ALL OBJECTS MOUNTED ON WALLS, BETWEEN 27" AND 80" ABOVE THE FINISH FLOOR, SHALL NOT PROTRUDE MORE THAN 4", TYPICAL.
14. FOR TILE PLACEMENT, REFER TO FINISH PLANS
15. AT EXPOSED EDGE OF GLAZING, PROVIDE STAINLESS STEEL END CHANNEL
16. ALL WALLS TO BE PAINTED PNT-1 U.N.O. ALL MILLWORK TO BE PLM-1, U.N.O. ALL COUNTERTOPS TO BE PLM-2 U.N.O. ALL WALL BASE TO BE RB-1 U.N.O.
17. ALL TILE SHALL HAVE SCHLUTER EDGE TRIM AT ALL EXPOSED TILE EDGES.
18. SCIENCE CLASSROOM CASEWORK TO BE SOLID WOOD; COUNTERTOPS TO BE EPOXY. ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK
19. COORDINATE PLUMBING AND/OR ELECTRICAL REQUIREMENTS FOR APPLIANCES AND EQUIPMENT WITH CASEWORK.
20. COORDINATE DIMENSIONS AND CLEARANCE REQUIREMENTS FOR ALL FILE CABINETS, APPLIANCES AND EQUIPMENT PROVIDED BY CONTRACTOR AND/OR OWNER.
21. CONTINUE COUNTERTOP BACKSPLASH TO SIDEWALLS WHERE SUCH CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
22. ALL BASE, UPPER, AND TALL CABINETS ARE TO BE LOCKABLE. LOCKS TO BE KEYED ALIKE IN SAME ROOM; LOCKS TO BE KEYED DIFFERENT BETWEEN ROOMS.
23. PROVIDE STAMPED NUMBER ON CYLINDER LOCK FACE. COORDINATE NUMBERING REQUIREMENT WITH ARCHITECT.
24. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
25. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. EXCLUDES WATERFALL COUNTERTOP CONDITIONS.
26. PROVIDE WALL BASE FOR RECESSED TOE-KICKS AND BACK OF KNEE SPACE(S) UNLESS NOTED OTHERWISE
27. MILLWORK SHALL BE CAULKED TO WALLS.
28. CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED
29. SPLICES ARE NOT PERMITTED ON CONTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
30. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 3034 LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
23	ACCESSORY TAG
XXXX	EQUIPMENT TAG, REFER TO FIXED EQUIPMENT, A-662
H3 A-301 SIM	SECTION TAG REFER TO SECTION AS INDICATED
H3 A-301 SIM	ELEVATION TAG REFER TO ELEVATION AS INDICATED
88	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
— — — —	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION
127	REFRIGERATOR; N.I.C.
164	PROVIDE NEW MIRRORS IN ALL RESTROOMS, COSMETOLOGY ROOM, AND DRESSING ROOMS.

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346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT
CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER: 33AC23221
ABBREVIATION: CFISD
DRAWN BY: Author
CHECKED BY: Checker
ORIGINAL ISSUE: ISSUE FOR PROPOSALS DECEMBER 09, 2024
SHEET NAME: ARCHITECTURAL - INTERIOR ELEVATIONS
SHEET NUMBER: A-218

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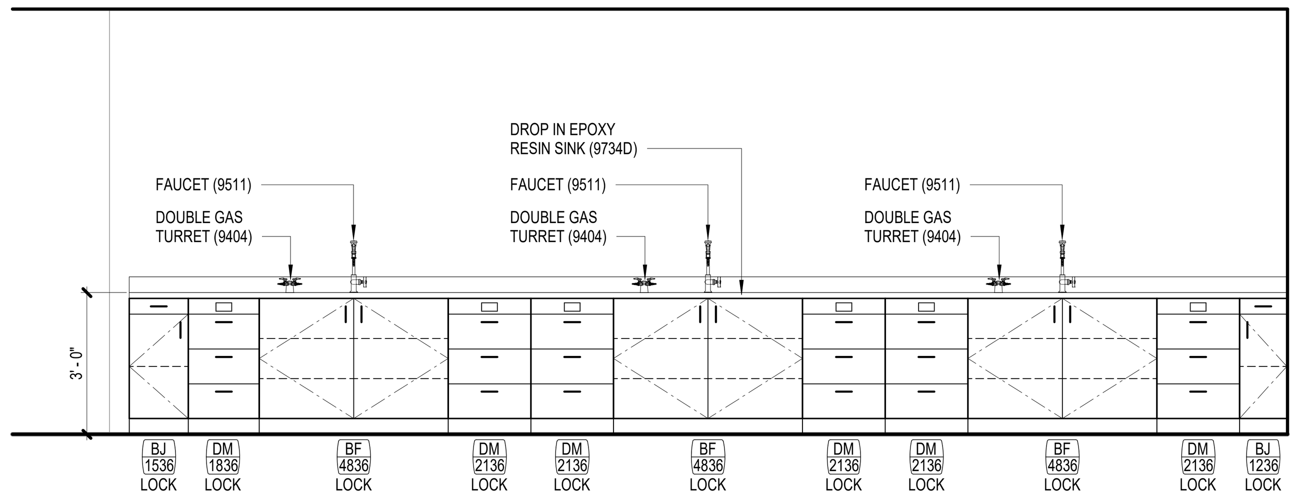
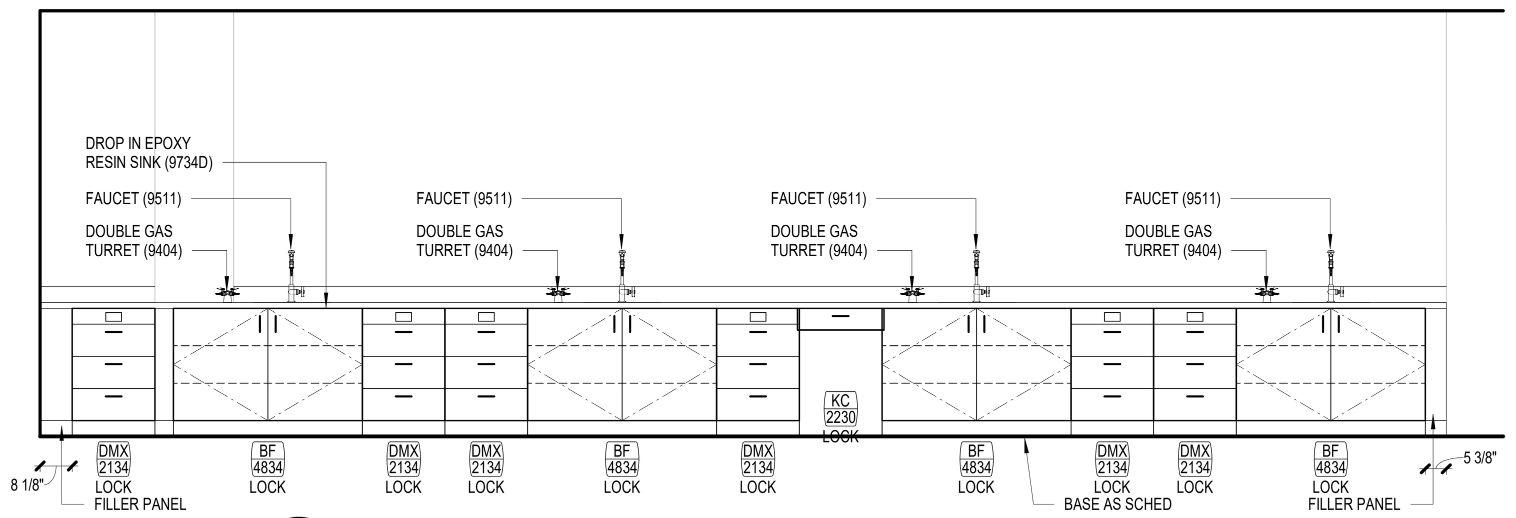


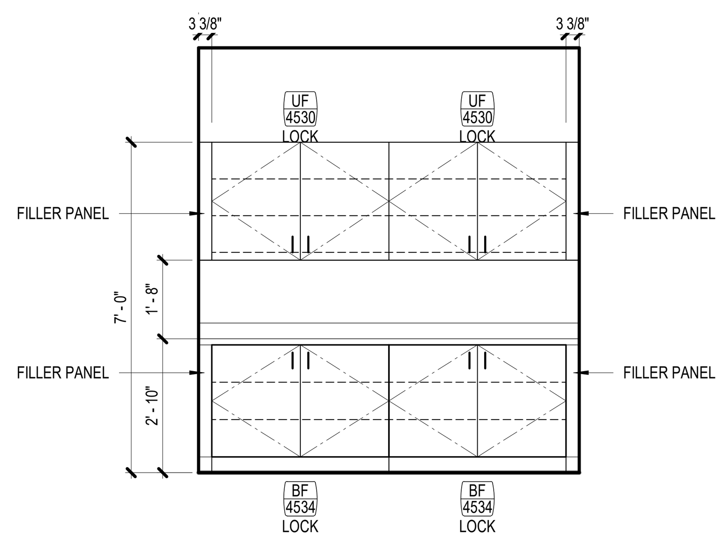
18 **1210 BIOLOGY - EAST**
SCALE: 3/8" = 1'-0"

ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.

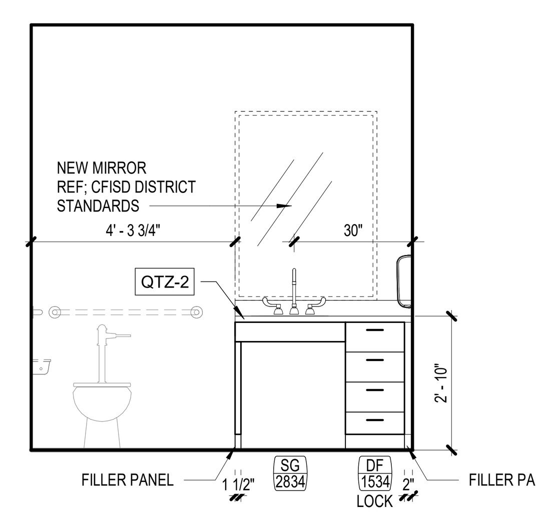


10 **1210 BIOLOGY - WEST**
SCALE: 3/8" = 1'-0"

ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK.



16 **1991-OFFICE-SOUTH**
SCALE: 3/8" = 1'-0"



15 **1382-TOILET**
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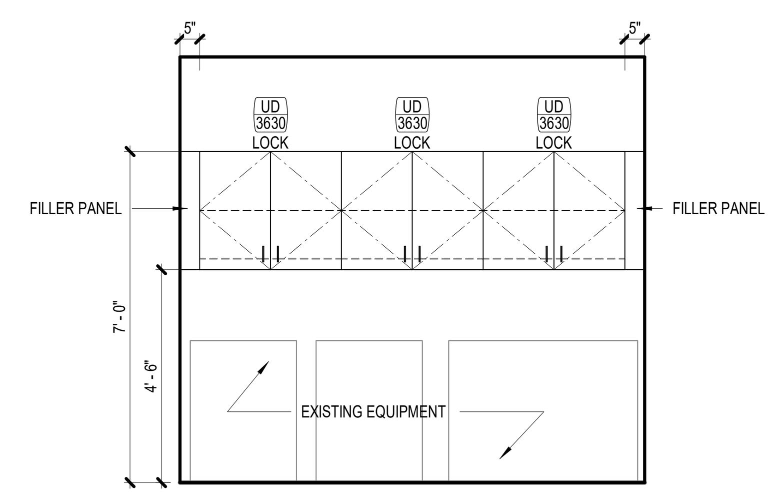
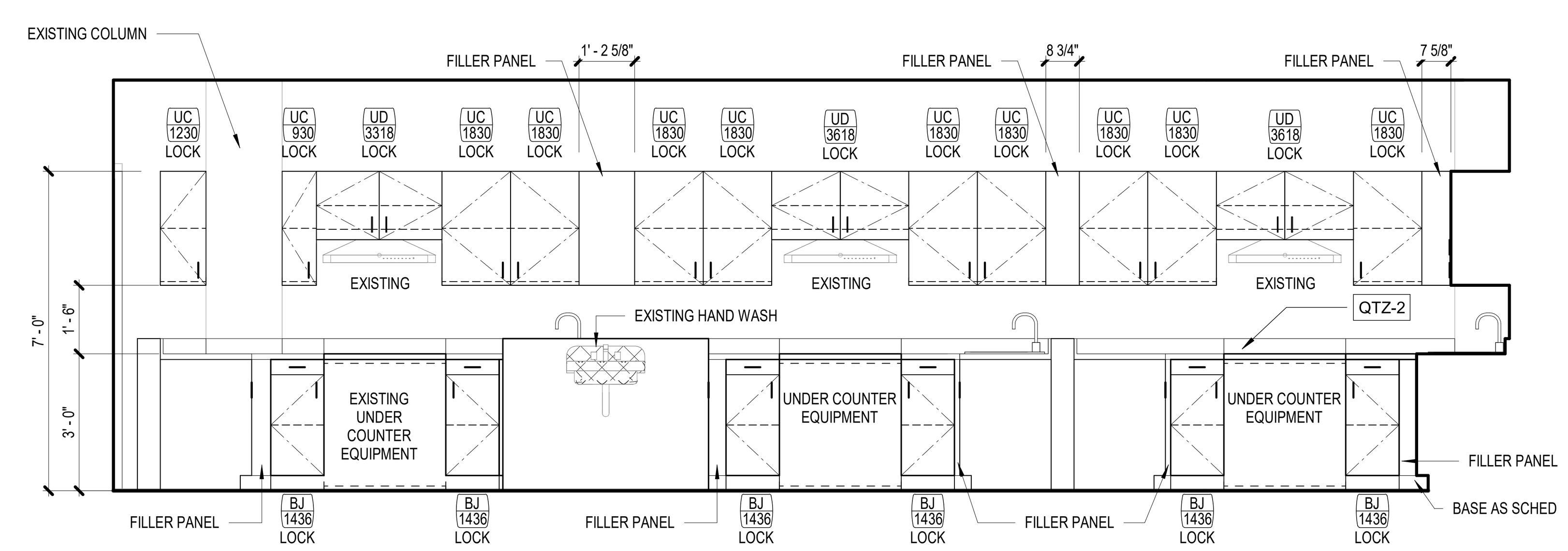


6 **1723-COOKING LAB-SOUTH**
SCALE: 3/8" = 1'-0"



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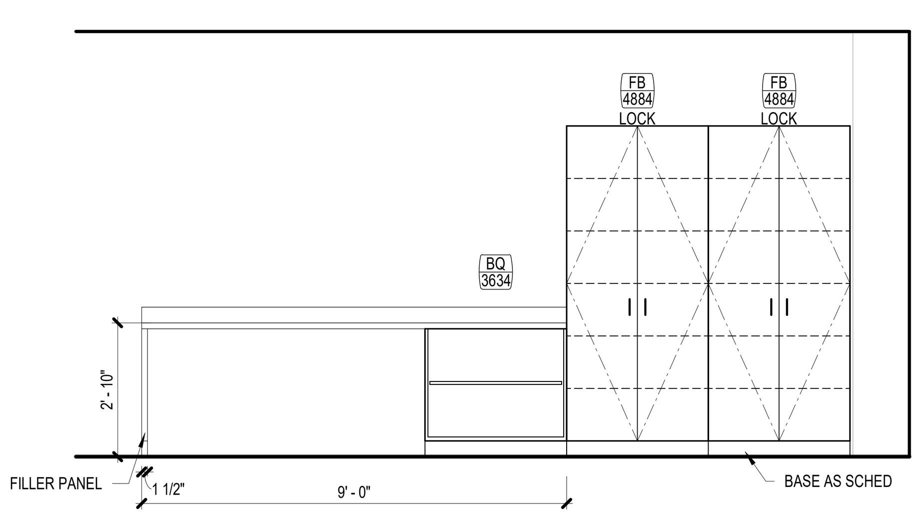
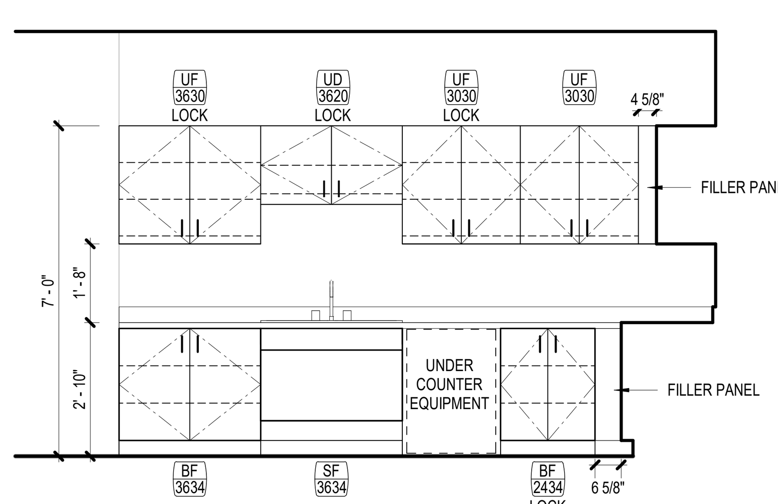
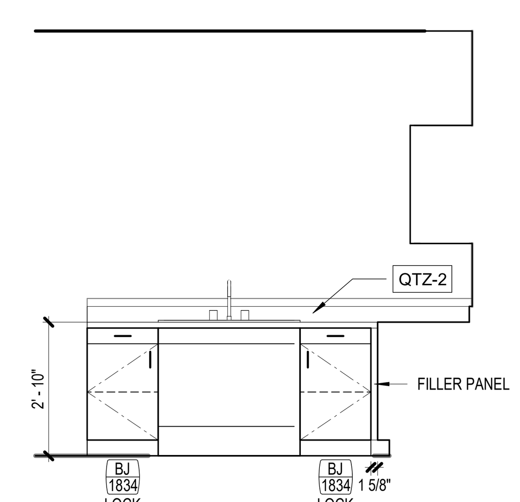
SCALE: 3/8" = 1'-0"



14 **1384-Typical Double Cupboard**
SCALE: 3/8" = 1'-0"



13 **D146-KITCHEN/DINING-WEST**
SCALE: 3/8" = 1'-0"



4 **1723-COOKING LAB-ADA TYP**
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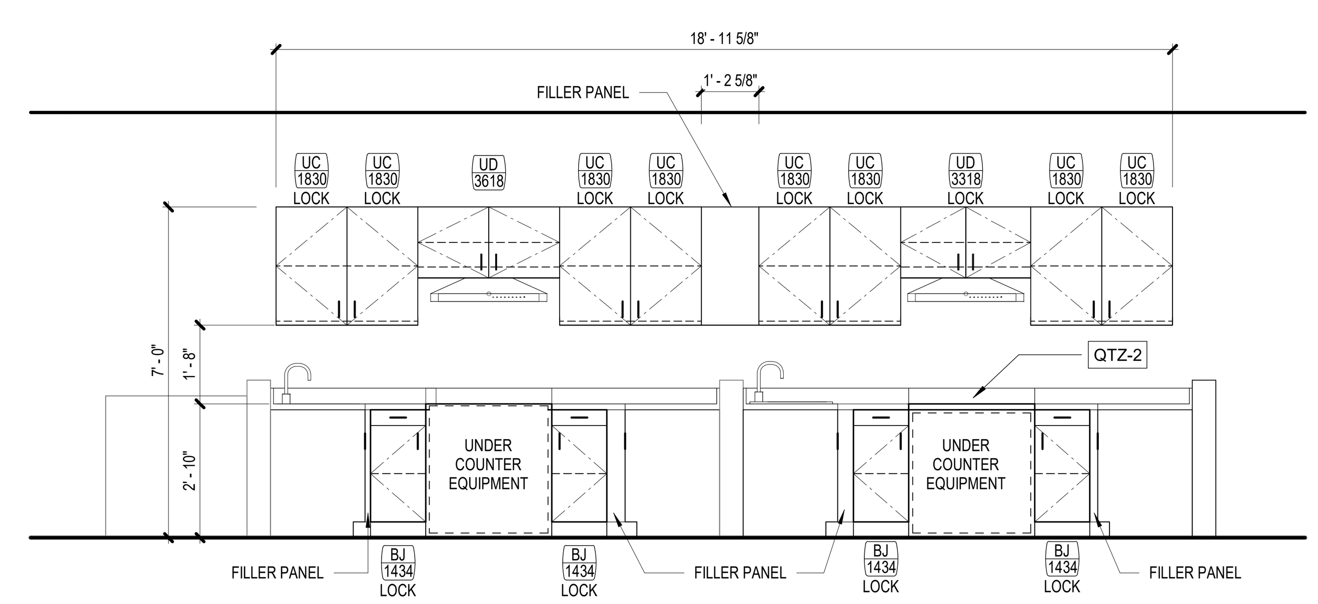
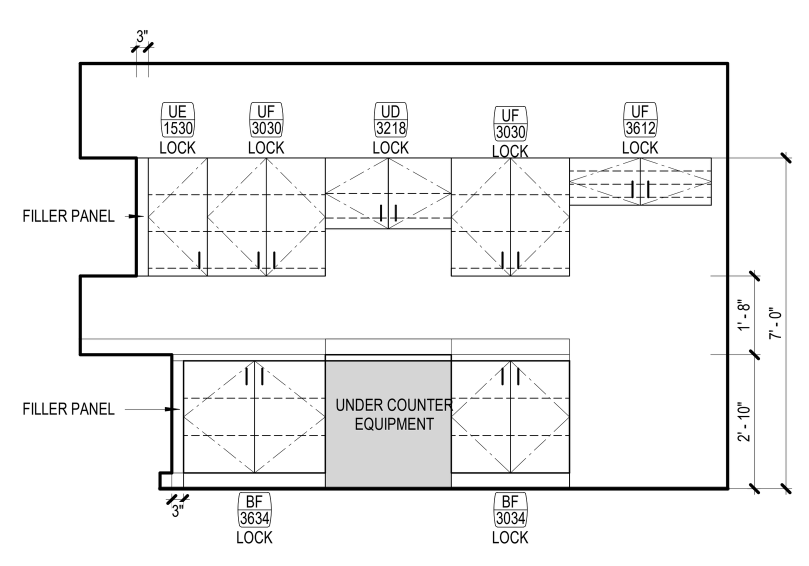
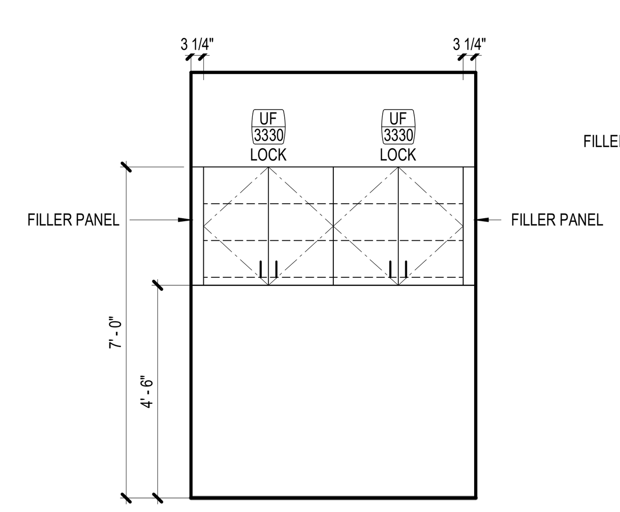


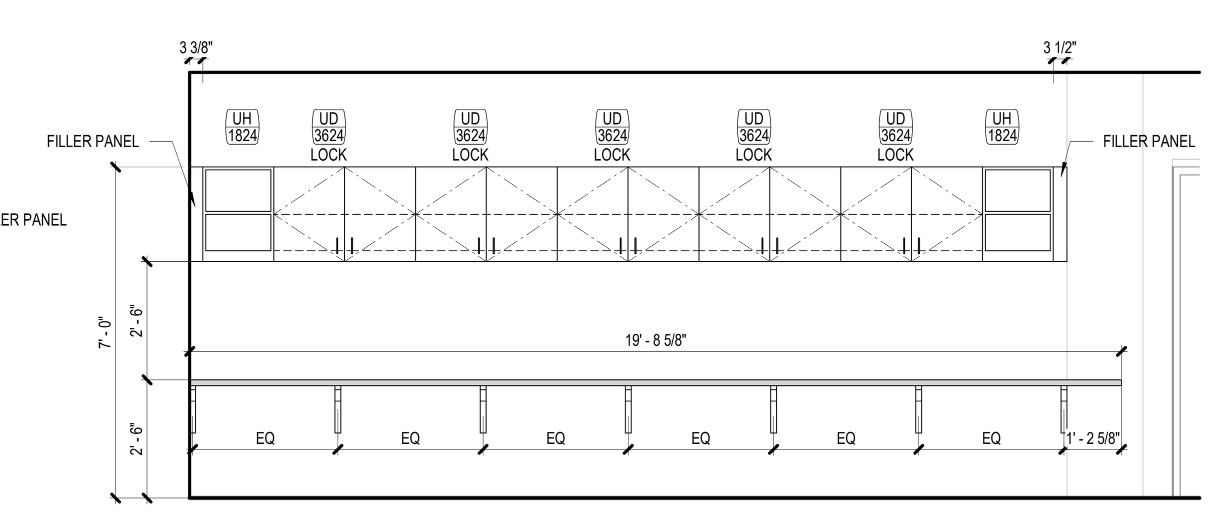
3 **1723-COOKING LAB-WEST**
SCALE: 3/8" = 1'-0"



12 **D146-KITCHEN/DINING-NORTH**
SCALE: 3/8" = 1'-0"



11 **D146-KITCHEN/DINING**
SCALE: 3/8" = 1'-0"



2 **1809-DRAMA ROOM-EAST (UPDATED)**
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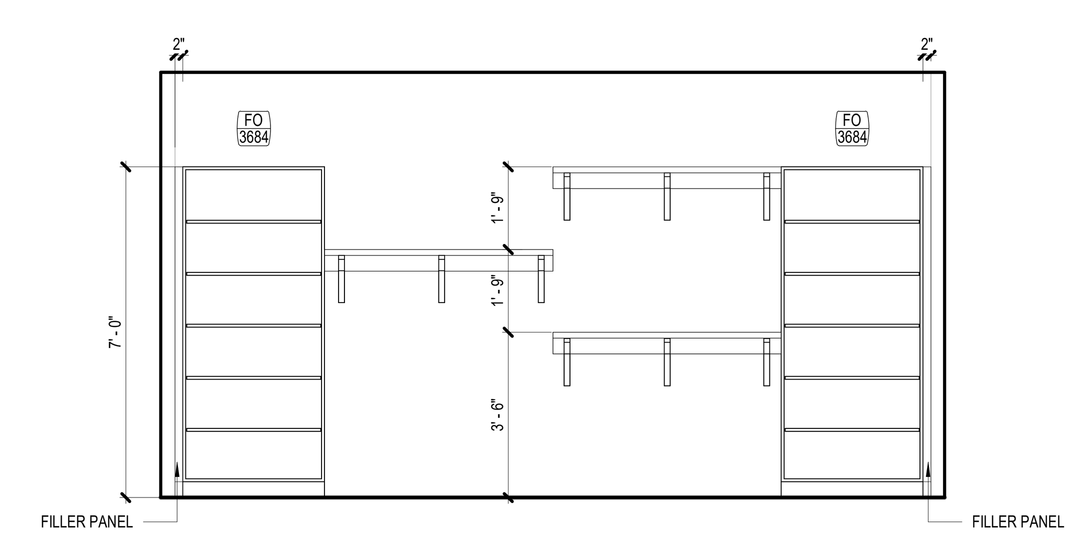

1 **1809-DRAMA ROOM-SOUTH (UPDATED)**
SCALE: 3/8" = 1'-0"

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DATE STAMP: 12/6/2024 3:04:11 PM

INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
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3. MILLWORK SHALL BE FINISHED WITH PLASTIC LAMINATE , REFER FINISH PLANS. FOR UPPER CABINETS, PLAM FINISH ON TOP UNLESS SOFFIT IS SCHEDULED.
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14. FOR TILE PLACEMENT, REFER TO FINISH PLANS
15. AT EXPOSED EDGE OF GLAZING, PROVIDE STAINLESS STEEL END CHANNEL
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17. ALL TILE SHALL HAVE SCHLUTER EDGE TRIM AT ALL EXPOSED TILE EDGES.
18. SCIENCE CLASSROOM CASEWORK TO BE SOLID WOOD; COUNTERTOPS TO BE EPOXY. ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK
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24. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
25. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. EXCLUDES WATERFALL COUNTERTOP CONDITIONS.
26. PROVIDE WALL BASE FOR RECESSED TOE-KICKS AND BACK OF KNEE SPACE(S) UNLESS NOTED OTHERWISE
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28. CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED
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30. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 3034 LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
23	ACCESSORY TAG
XXXX	EQUIPMENT TAG, REFER TO FIXED EQUIPMENT, A-662
H3 A-301 SIM	SECTION TAG REFER TO SECTION AS INDICATED
H3 A-301 SIM	ELEVATION TAG REFER TO ELEVATION AS INDICATED
88	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION

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Suite 100
Houston, Texas 77024
346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

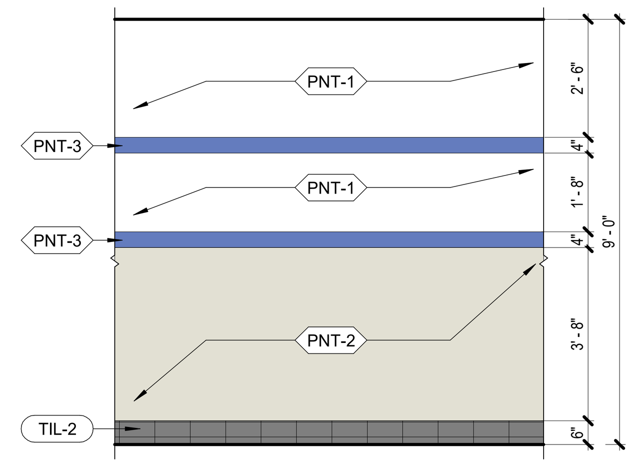
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-219



11 **CORRIDOR ELEVATION TYP.**
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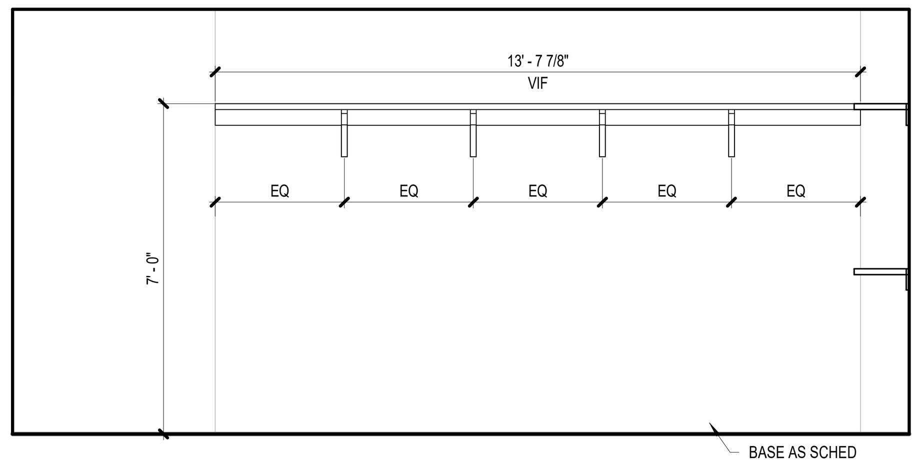

10 **1882 UNIFORM - EAST ELEVATION**
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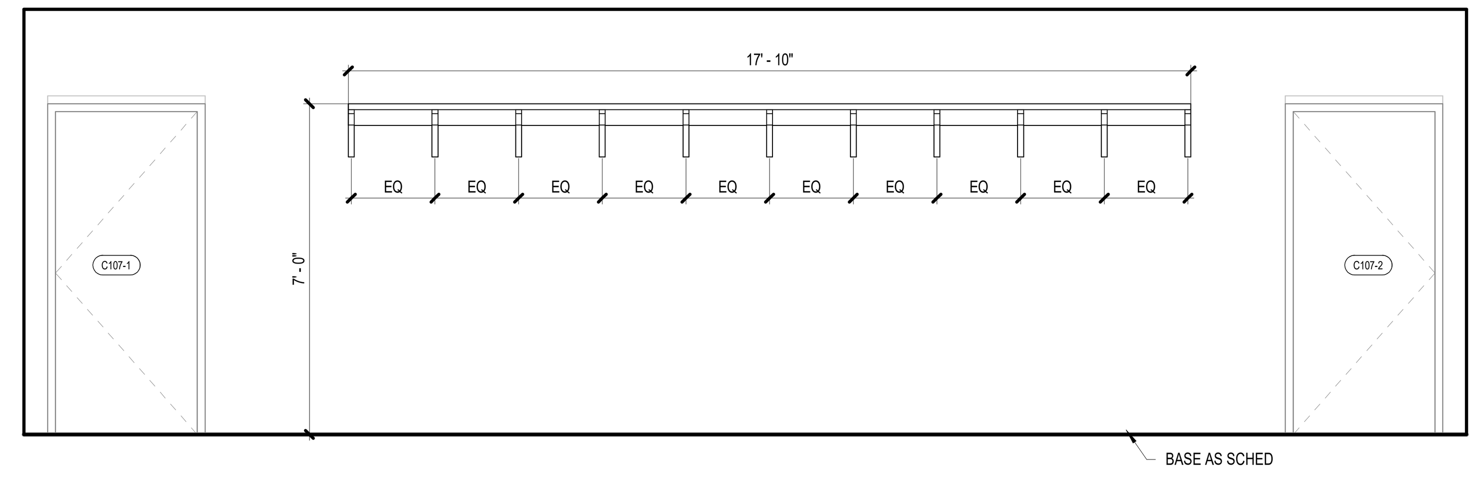

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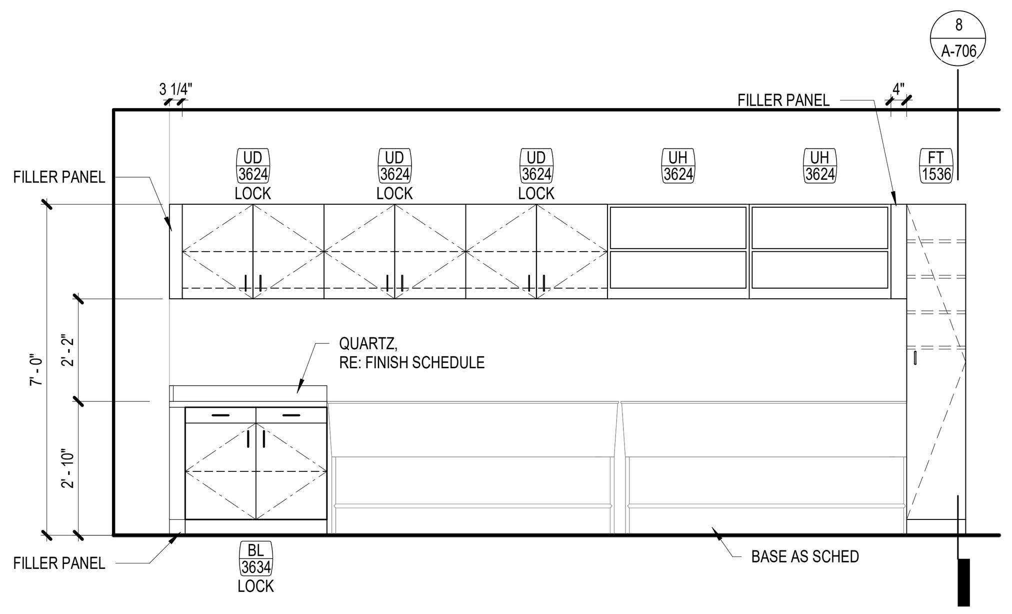

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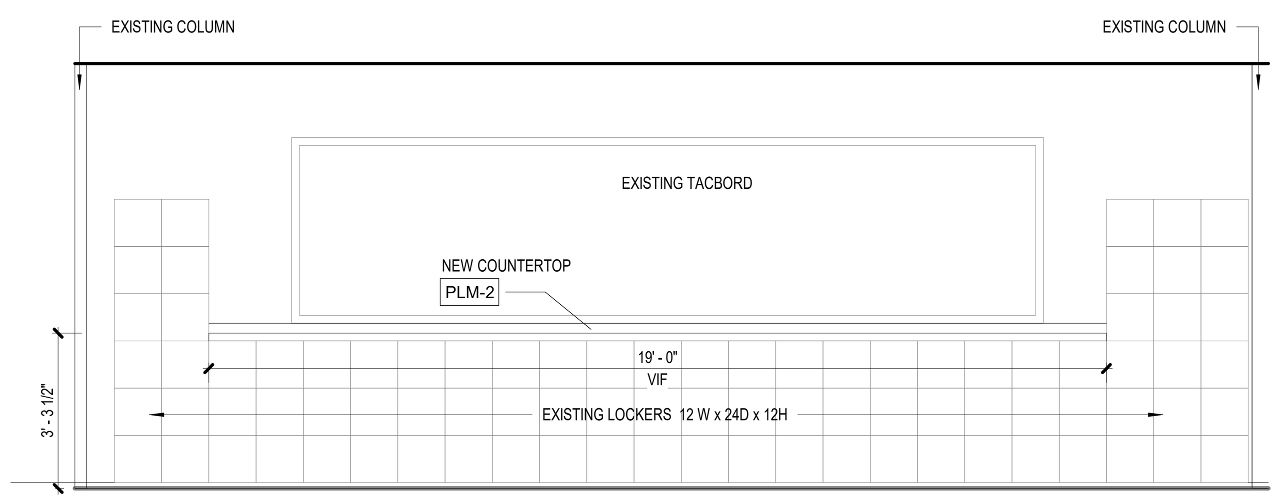

13 **1860-PHOTO LAB #1-WEST**
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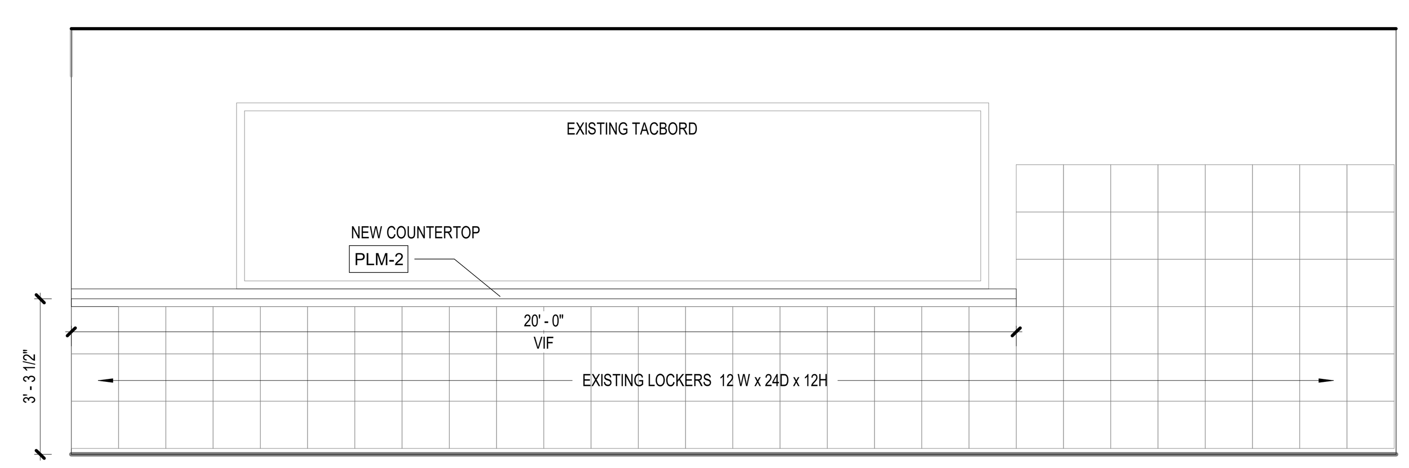

14 **1854-1860-PHOTO LAB #2-EAST**
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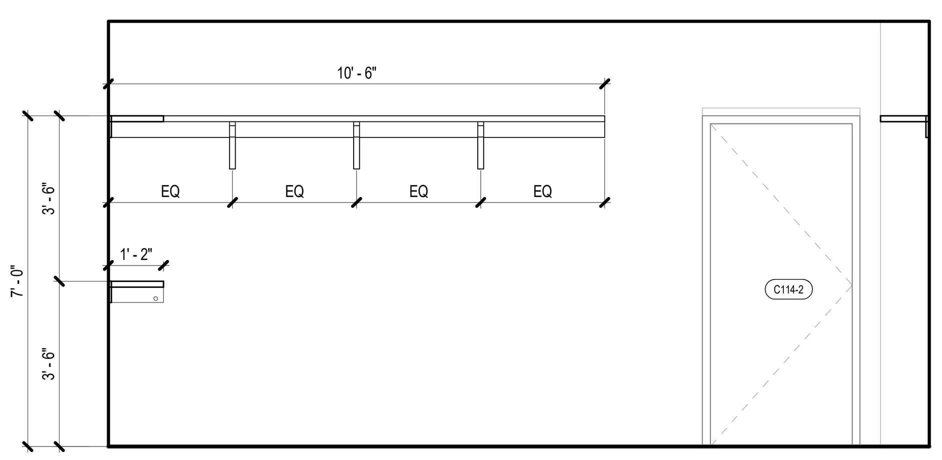

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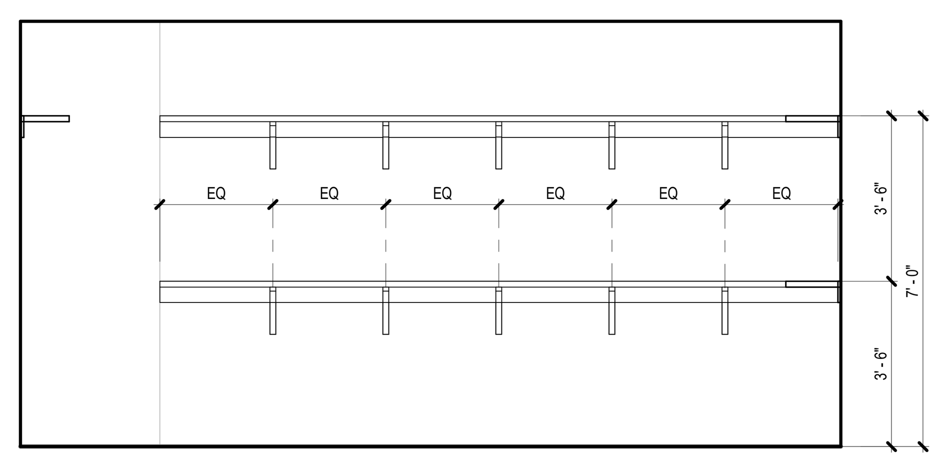

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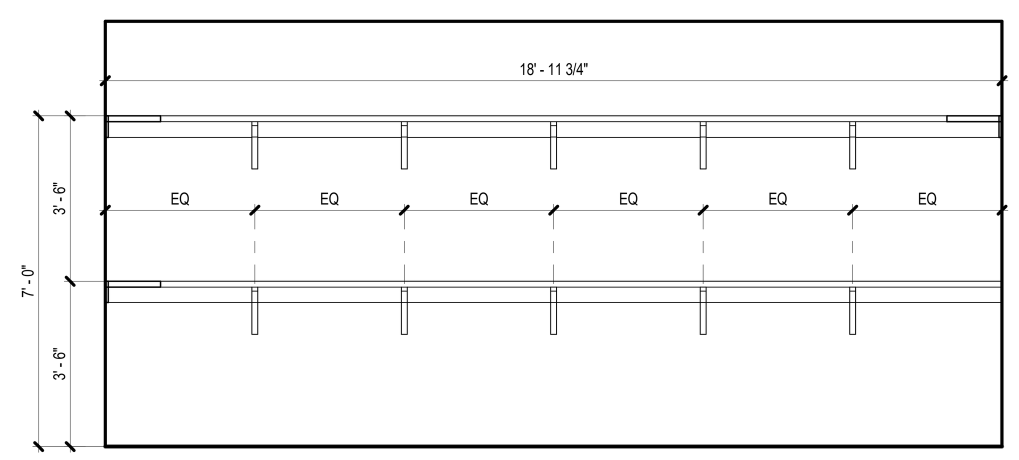

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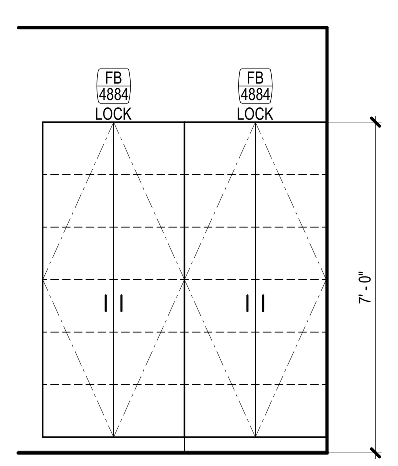

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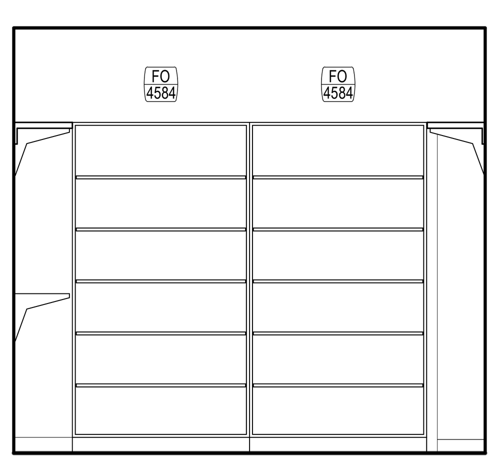

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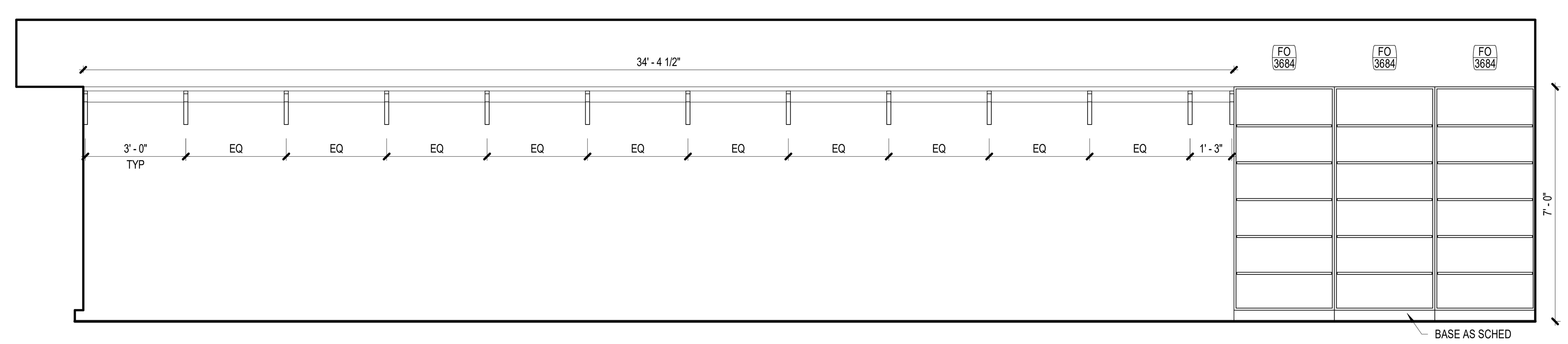

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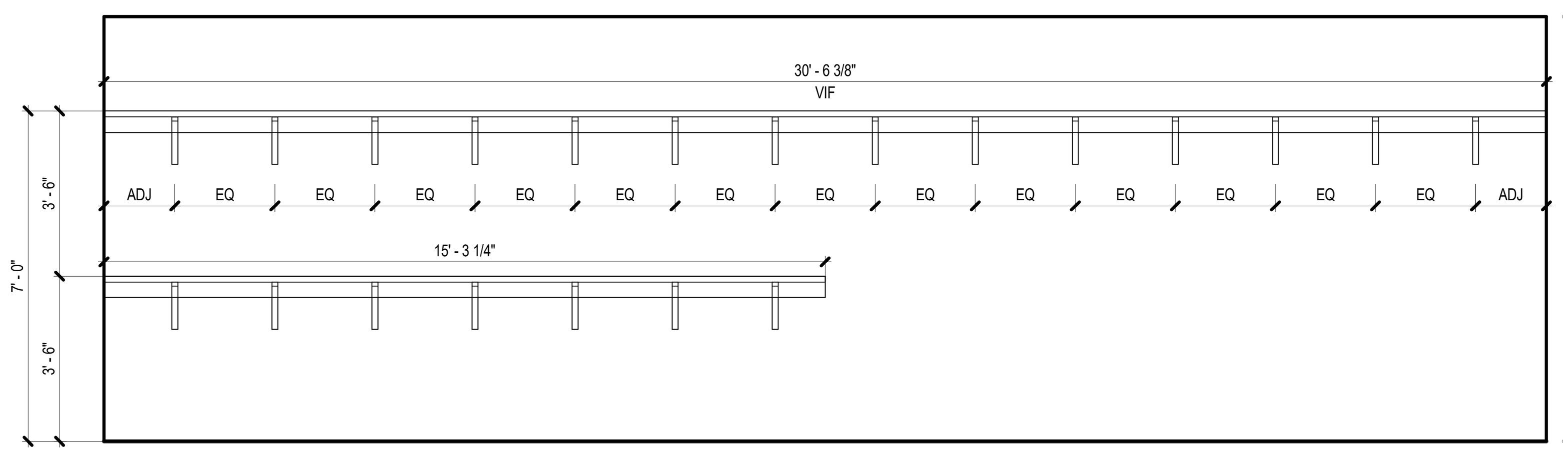

5 **C107 UNIFORM STORAGE - EAST ELEVATION**
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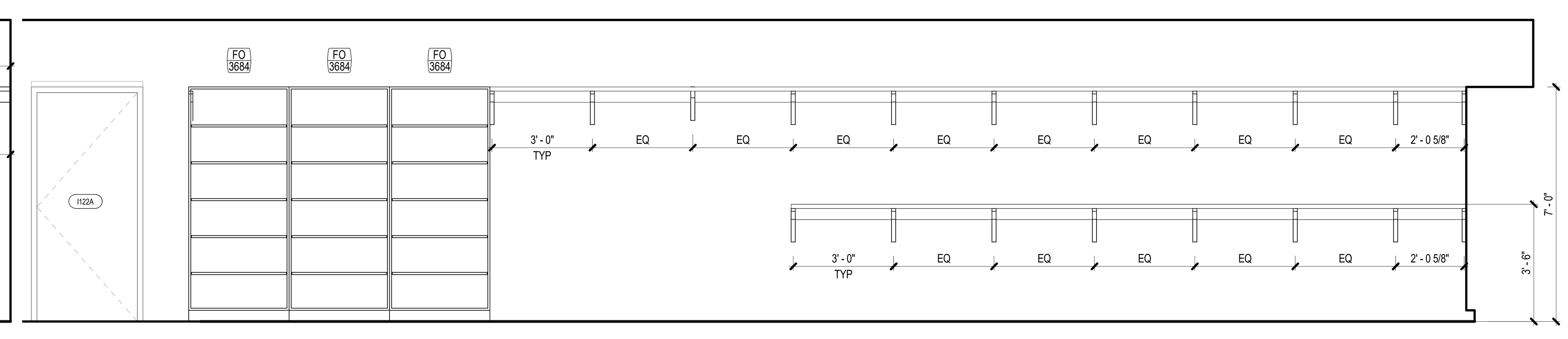

1 **I122-UNIFORM STORAGE-WEST**
SCALE: 3/8" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
2. FOR PLUMBING FIXTURE HEIGHTS, REFER TO PLUMBING DWG.SINKS, LAVATORIES AND FAUCETS SHOWN ARE FOR REFERENCE ONLY. REFER TO PLBG DWGS FOR SCHED. FIXTURES. SINK TO BE CENTERED IN MILLWORK ELEVATION INDICATED U.N.O.
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9. PROVIDE 2" DIA. GROMMETS AT ALL WORKSTATIONS WITH KNEE SPACES AND WHERE ACCESS TO POWER AND/OR LOW VOLTAGE IS NEEDED. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
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H3 A-301 SIM	SECTION TAG REFER TO SECTION AS INDICATED
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	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
— — — —	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION

Page/

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JUSTIN LANE WINCHESTER 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS • FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
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SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-220

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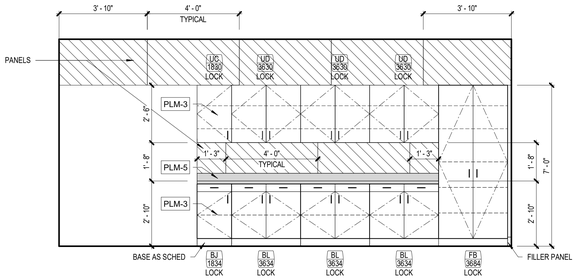
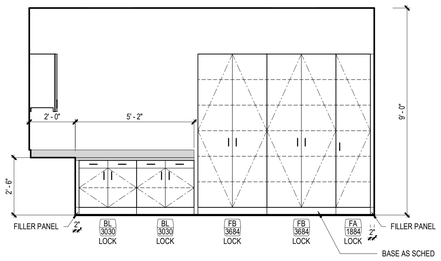
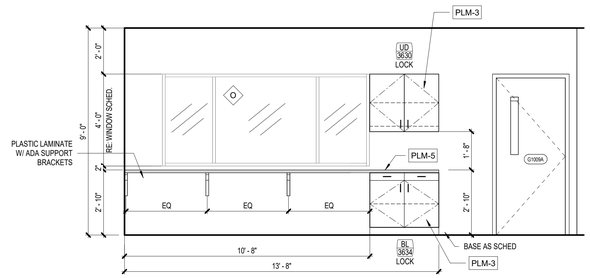


11 CONTROL ROOM - EAST ELEVATION
SCALE: 3/8" = 1'-0"



10 OFFICE - EAST ELEVATION
SCALE: 3/8" = 1'-0"



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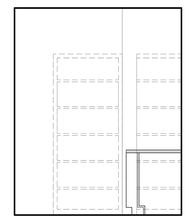
SCALE: 3/8" = 1'-0"



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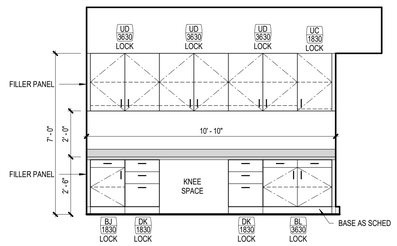
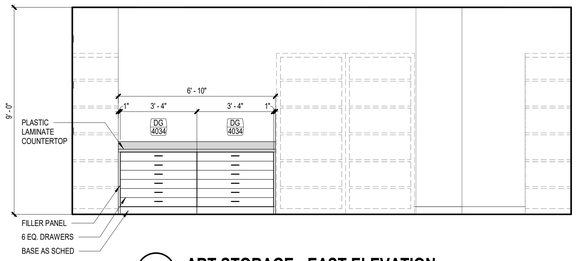


9 OFFICE - NORTH ELEVATION
SCALE: 3/8" = 1'-0"



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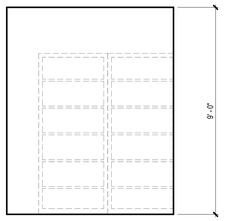

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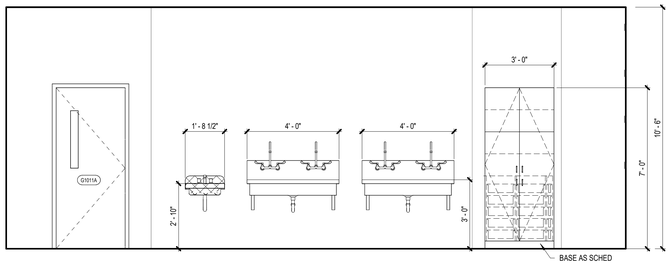

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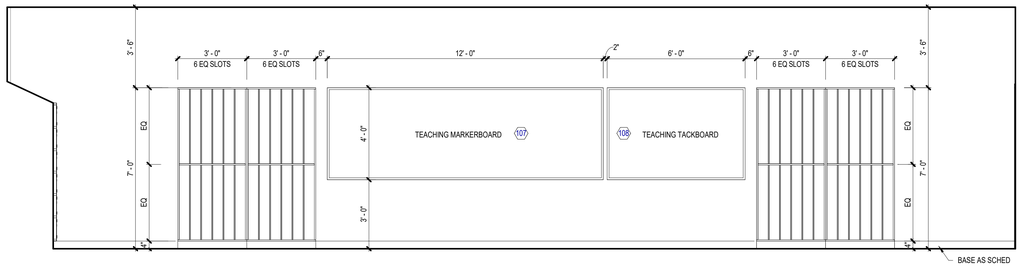
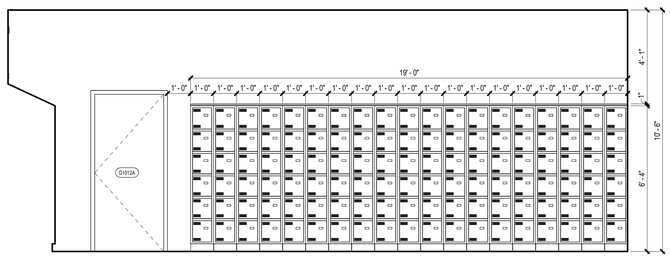
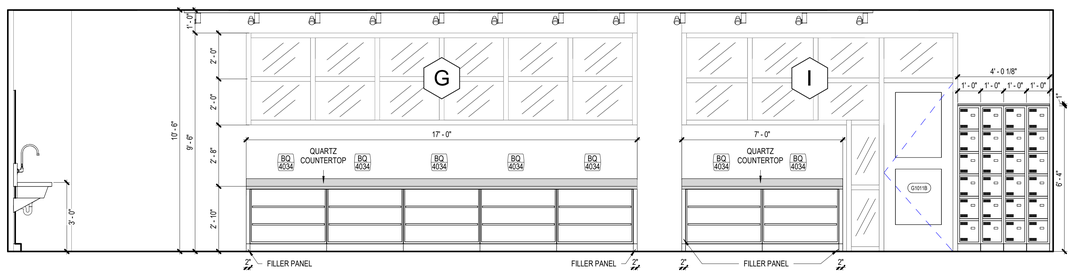


2 SCULPTURE - SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



3 SCULPTURE - EAST ELEVATION
SCALE: 3/8" = 1'-0"



1 SCULPTURE - NORTH ELEVATION
SCALE: 3/8" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
2. FOR PLUMBING FIXTURE HEIGHTS, REFER TO PLUMBING DWG.SINKS, LAVATORIES AND FAUCETS SHOWN ARE FOR REFERENCE ONLY. REFER TO PLBG DWGS FOR SCHED. FIXTURES. SINK TO BE CENTERED IN MILLWORK ELEVATION INDICATED U.N.O.
3. MILLWORK SHALL BE FINISHED WITH PLASTIC LAMINATE , REFER FINISH PLANS. FOR UPPER CABINETS, PLAM FINISH ON TOP UNLESS SOFFIT IS SCHEDULED.
4. BASE CABINETS TO BE 24" DEEP U.N.O. UPPER CABINETS TO BE 14" DEEP U.N.O. ALL UNIT HEIGHTS AND WIDTH ARE INDICATED BY MILLWORK ELEVATION TAG, U.N.O.
5. INSTALL MATCHING FINISHED PANELS ON ALL EXPOSED ENDS AND SIDES. WHEN A FILLER PANEL EXISTS AT EACH END OF A CONTINUOUS RUN OF A CASEWORK, MAKE EACH PANEL EQUAL WIDTH U.N.O.
6. CABINET PULLS SHALL BE LOCATED AS INDICATED ON DETAIL.
7. WHEN BOTH UPPER AND LOWER CABINET HAVE FIXED ENDS HORIZONTALLY WITHIN 3" OF EACH OTHER, ENDS SHALL ALIGN VERTICALLY, U.N.O.
8. GYP. BD. REVEALS ARE 1/4" REVEAL CHANNEL SCREED BY FRY REGLETS OR EQUAL, UNLESS NOTED OTHERWISE IN THE DRAWINGS. PAINT SAME COLOR AS WALL FINISH U.N.O.
9. PROVIDE 2" DIA. GROMMETS AT ALL WORKSTATIONS WITH KNEE SPACES AND WHERE ACCESS TO POWER AND/OR LOW VOLTAGE IS NEEDED. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
10. THE ALPHABETIC DESIGNATION BEHIND THE SHEET NUMBER ON THE 200 SERIES DOES NOT RELATE TO THE FLOOR PLAN AREA DESIGNATION.
11. AT ALL SINK LOCATIONS WITH THE EXCEPTION OF THOSE WITH SLOPED PANELS, INSULATE EXPOSED PIPES.
12. AT TV & MONITOR LOCATIONS, CONTRACTOR TO VERIFY BRACKET DIMENSIONS, CLEAR POWER & DATA OUTLETS.
13. ALL OBJECTS MOUNTED ON WALLS, BETWEEN 27" AND 80" ABOVE THE FINISH FLOOR, SHALL NOT PROTRUDE MORE THAN 4", TYPICAL.
14. FOR TILE PLACEMENT, REFER TO FINISH PLANS
15. AT EXPOSED EDGE OF GLAZING, PROVIDE STAINLESS STEEL END CHANNEL
16. ALL WALLS TO BE PAINTED PNT-1 U.N.O. ALL MILLWORK TO BE PLM-1, U.N.O. ALL COUNTERTOPS TO BE PLM-2 U.N.O. ALL WALL BASE TO BE RB-1 U.N.O.
17. ALL TILE SHALL HAVE SCHLUTER EDGE TRIM AT ALL EXPOSED TILE EDGES.
18. SCIENCE CLASSROOM CASEWORK TO BE SOLID WOOD; COUNTERTOPS TO BE EPOXY. ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK
19. COORDINATE PLUMBING AND/OR ELECTRICAL REQUIREMENTS FOR APPLIANCES AND EQUIPMENT WITH CASEWORK.
20. COORDINATE DIMENSIONS AND CLEARANCE REQUIREMENTS FOR ALL FILE CABINETS, APPLIANCES AND EQUIPMENT PROVIDED BY CONTRACTOR AND/OR OWNER.
21. CONTINUE COUNTERTOP BACKSPLASH TO SIDEWALLS WHERE SUCH CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
22. ALL BASE, UPPER, AND TALL CABINETS ARE TO BE LOCKABLE. LOCKS TO BE KEYED ALIKE IN SAME ROOM; LOCKS TO BE KEYED DIFFERENT BETWEEN ROOMS.
23. PROVIDE STAMPED NUMBER ON CYLINDER LOCK FACE. COORDINATE NUMBERING REQUIREMENT WITH ARCHITECT.
24. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
25. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. EXCLUDES WATERFALL COUNTERTOP CONDITIONS.
26. PROVIDE WALL BASE FOR RECESSED TOE-KICKS AND BACK OF KNEE SPACE(S) UNLESS NOTED OTHERWISE
27. MILLWORK SHALL BE CAULKED TO WALLS.
28. CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED
29. SPLICES ARE NOT PERMITTED ON CONTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
30. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 2034A LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
23	ACCESSORY TAG
XXXX	EQUIPMENT TAG, REFER TO FIXED EQUIPMENT, A-662
SIM H3 A-301	SECTION TAG REFER TO SECTION AS INDICATED
SIM H3 A-301	ELEVATION TAG REFER TO ELEVATION AS INDICATED
58	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION
107	WHITE MAGNETIC MARKER BOARD WITH TACK STRIP MOUNTED AT 3'-0" AFF TO BOTTOM OF BOARD, CENTER ON WALL UNO.
108	TACKABLE BULLETIN BOARD MOUNTED AT 3'-0" AFF TO BOTTOM OF BOARD, CENTER ON WALL UNO.

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281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architecs
6925 Portwest Drive
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Houston, Texas 77024
346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JAMES LANE WINCHESTER III STATE OF TEXAS 12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-221

FILE PATH: Autodesk Docs:///33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R20.rvt
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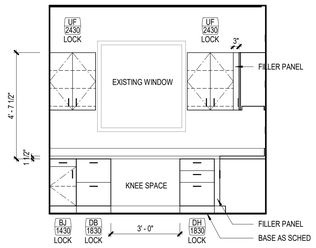
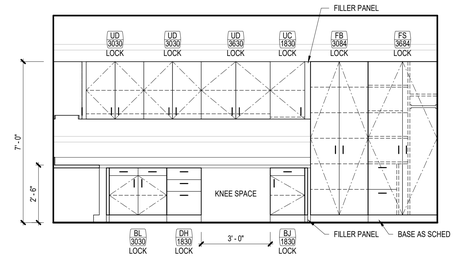
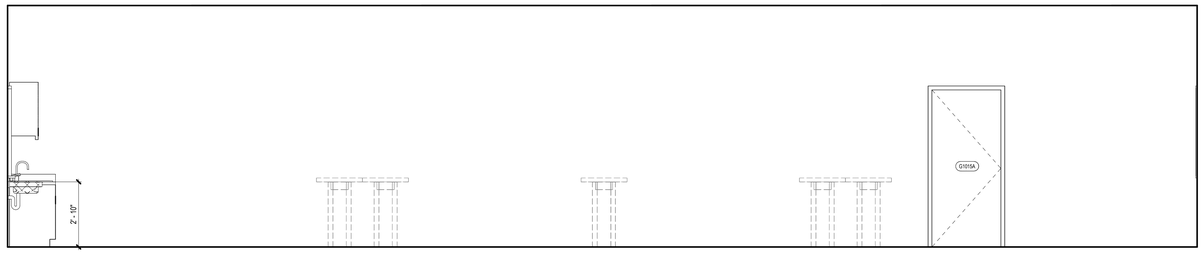


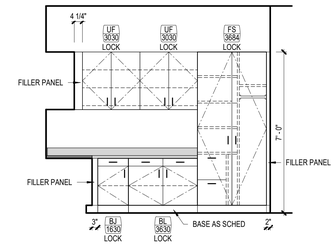
9 **C113 CHOIR OFFICE WEST ELEVATION**
SCALE: 3/8" = 1'-0"



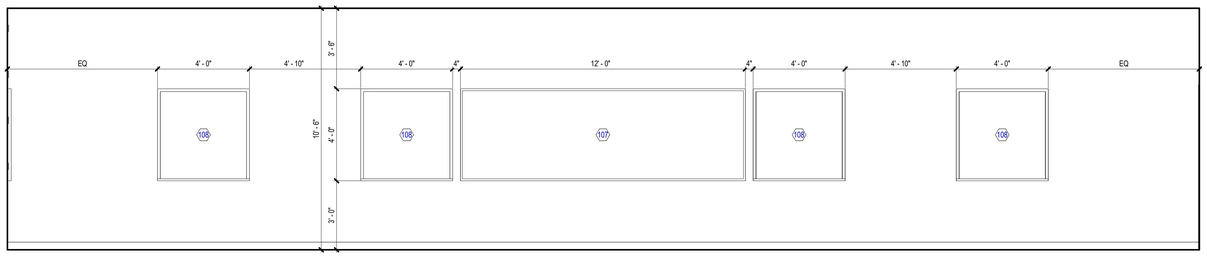
10 **C113 CHOIR OFFICE NORTH ELEVATION**
SCALE: 3/8" = 1'-0"



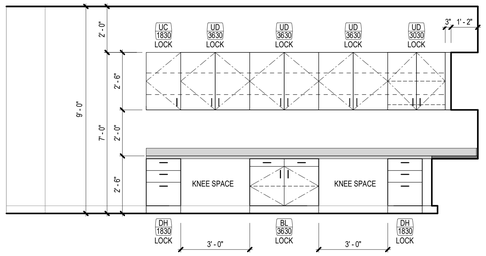
8 **DIGITAL ART - NORTH ELEVATION**
SCALE: 3/8" = 1'-0"



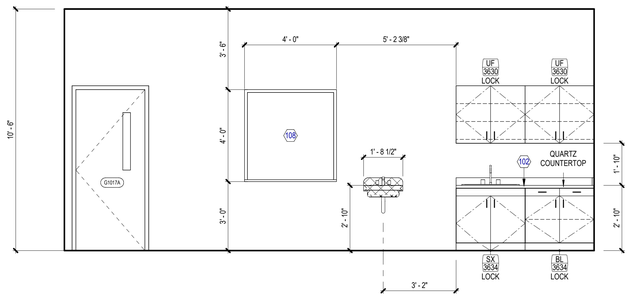
4 **ART OFFICE - EAST ELEVATION**
SCALE: 3/8" = 1'-0"



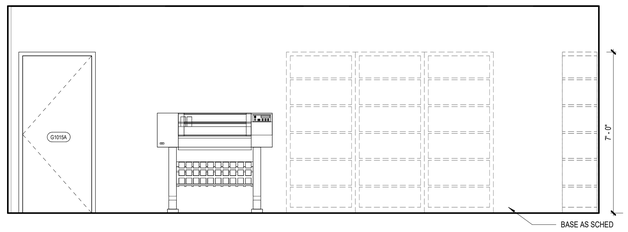
7 **DIGITAL ART - SOUTH ELEVATION**
SCALE: 3/8" = 1'-0"



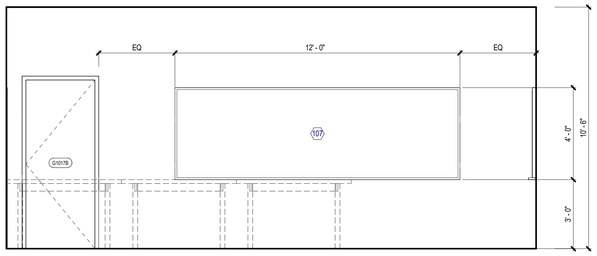
3 **ART OFFICE - NORTH ELEVATION**
SCALE: 3/8" = 1'-0"



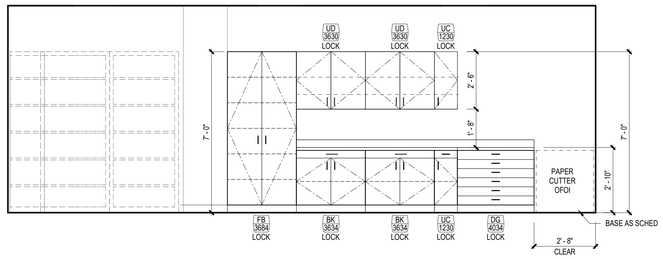
6 **DIGITAL ART - WEST ELEVATION**
SCALE: 3/8" = 1'-0"



2 **WORK ROOM - SOUTH ELEVATION**
SCALE: 3/8" = 1'-0"



5 **DIGITAL ART - EAST ELEVATION**
SCALE: 3/8" = 1'-0"



1 **WORK ROOM - NORTH ELEVATION**
SCALE: 3/8" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
2. FOR PLUMBING FIXTURE HEIGHTS, REFER TO PLUMBING DWG.SINKS, LAVATORIES AND FAUCETS SHOWN ARE FOR REFERENCE ONLY. REFER TO PLBG DWGS FOR SCHED. FIXTURES. SINK TO BE CENTERED IN MILLWORK ELEVATION INDICATED U.N.O.
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5. INSTALL MATCHING FINISHED PANELS ON ALL EXPOSED ENDS AND SIDES. WHEN A FILLER PANEL EXISTS AT EACH END OF A CONTINUOUS RUN OF A CASEWORK, MAKE EACH PANEL EQUAL WIDTH U.N.O.
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8. GYP. BD. REVEALS ARE 1/4" REVEAL CHANNEL SCREED BY FRY REGLETS OR EQUAL, UNLESS NOTED OTHERWISE IN THE DRAWINGS. PAINT SAME COLOR AS WALL FINISH U.N.O.
9. PROVIDE 2" DIA. GROMMETS AT ALL WORKSTATIONS WITH KNEE SPACES AND WHERE ACCESS TO POWER AND/OR LOW VOLTAGE IS NEEDED. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
10. THE ALPHABETIC DESIGNATION BEHIND THE SHEET NUMBER ON THE 200 SERIES DOES NOT RELATE TO THE FLOOR PLAN AREA DESIGNATION.
11. AT ALL SINK LOCATIONS WITH THE EXCEPTION OF THOSE WITH SLOPED PANELS, INSULATE EXPOSED PIPES.
12. AT TV & MONITOR LOCATIONS, CONTRACTOR TO VERIFY BRACKET DIMENSIONS, CLEAR POWER & DATA OUTLETS.
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14. FOR TILE PLACEMENT, REFER TO FINISH PLANS
15. AT EXPOSED EDGE OF GLAZING, PROVIDE STAINLESS STEEL END CHANNEL
16. ALL WALLS TO BE PAINTED PNT-1 U.N.O. ALL MILLWORK TO BE PLM-1, U.N.O. ALL COUNTERTOPS TO BE PLM-2 U.N.O. ALL WALL BASE TO BE RB-1 U.N.O.
17. ALL TILE SHALL HAVE SCHLUTER EDGE TRIM AT ALL EXPOSED TILE EDGES.
18. SCIENCE CLASSROOM CASEWORK TO BE SOLID WOOD; COUNTERTOPS TO BE EPOXY. ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK
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21. CONTINUE COUNTERTOP BACKSPLASH TO SIDEWALLS WHERE SUCH CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
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23. PROVIDE STAMPED NUMBER ON CYLINDER LOCK FACE. COORDINATE NUMBERING REQUIREMENT WITH ARCHITECT.
24. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
25. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. EXCLUDES WATERFALL COUNTERTOP CONDITIONS.
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29. SPLICES ARE NOT PERMITTED ON CONTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
30. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 3034 LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
23	ACCESSORY TAG
XXXX	EQUIPMENT TAG, REFER TO FIXED EQUIPMENT, A-662
SIM H3 A-301	SECTION TAG REFER TO SECTION AS INDICATED
SIM H3 A-301	ELEVATION TAG REFER TO ELEVATION AS INDICATED
58	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION
102	NEW QUARTZ COUNTERTOP. REFERENCE FINISH SCHEDULE AND ELEVATIONS
107	WHITE MAGNETIC MARKER BOARD WITH TACK STRIP MOUNTED AT 3'-0" AFF TO BOTTOM OF BOARD, CENTER ON WALL UNO.
108	TACKABLE BULLETIN BOARD MOUNTED AT 3'-0" AFF TO BOTTOM OF BOARD, CENTER ON WALL UNO.

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LANDSCAPE/IRRIGATION
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6925 Portwest Drive
Suite 100
Houston, Texas 77024
346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-222

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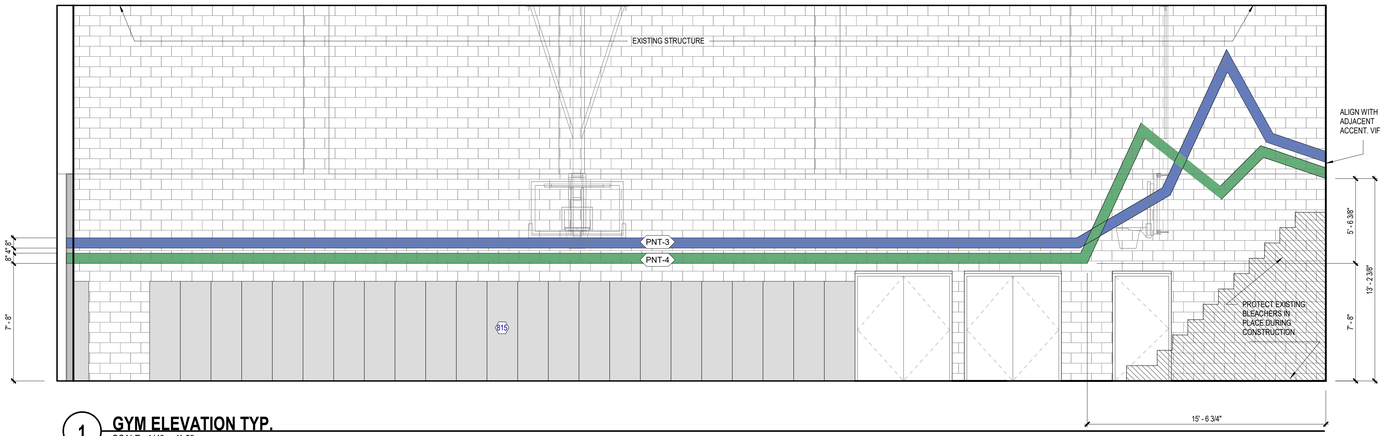
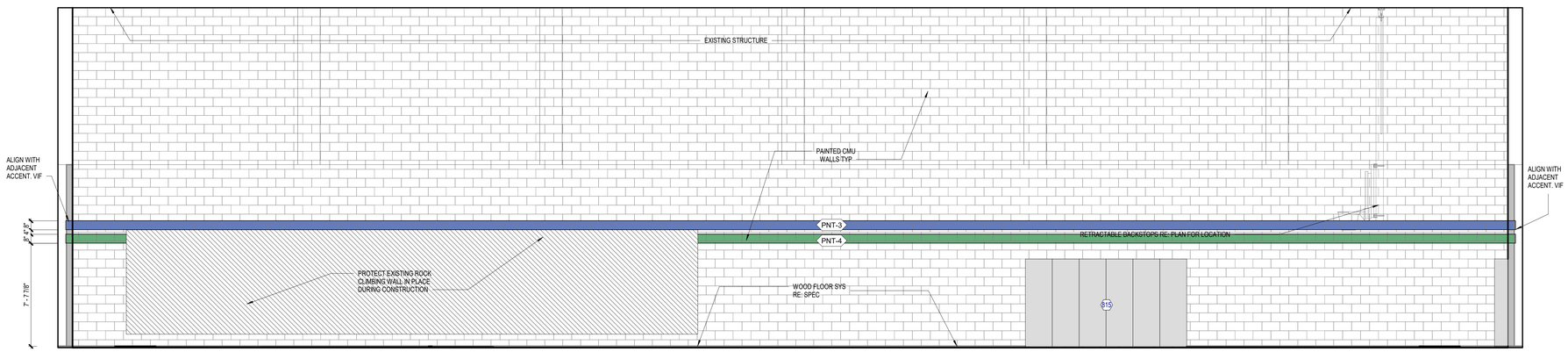
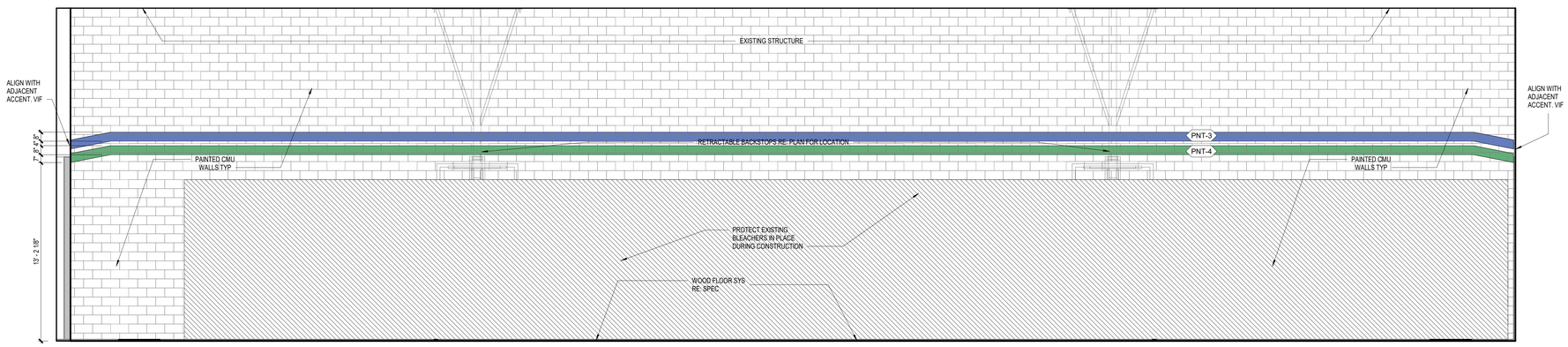


1 GYM ELEVATION TYP.
SCALE: 1/4" = 1'-0"



3 GYM ELEVATION WALL WITHOUT BLEACHERS TYP.
SCALE: 1/4" = 1'-0"



2 GYM ELEVATION BEHIND BLEACHERS, TYP.
SCALE: 1/4" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

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12. AT TV & MONITOR LOCATIONS, CONTRACTOR TO VERIFY BRACKET DIMENSIONS, CLEAR POWER & DATA OUTLETS.
13. ALL OBJECTS MOUNTED ON WALLS, BETWEEN 27" AND 80" ABOVE THE FINISH FLOOR, SHALL NOT PROTRUDE MORE THAN 4", TYPICAL.
14. FOR TILE PLACEMENT, REFER TO FINISH PLANS
15. AT EXPOSED EDGE OF GLAZING, PROVIDE STAINLESS STEEL END CHANNEL
16. ALL WALLS TO BE PAINTED PNT-1 U.N.O. ALL MILLWORK TO BE PLM-1, U.N.O. ALL COUNTERTOPS TO BE PLM-2 U.N.O. ALL WALL BASE TO BE RB-1 U.N.O.
17. ALL TILE SHALL HAVE SCHLUTER EDGE TRIM AT ALL EXPOSED TILE EDGES.
18. SCIENCE CLASSROOM CASEWORK TO BE SOLID WOOD; COUNTERTOPS TO BE EPOXY. ALL CASEWORK AND LABORATORY FURNITURE IN SCIENCE LABORATORY AND PREPARATION AREA REFER TO SPEC SECTION 12 35 53 LABORATORY CASEWORK
19. COORDINATE PLUMBING AND/OR ELECTRICAL REQUIREMENTS FOR APPLIANCES AND EQUIPMENT WITH CASEWORK.
20. COORDINATE DIMENSIONS AND CLEARANCE REQUIREMENTS FOR ALL FILE CABINETS, APPLIANCES AND EQUIPMENT PROVIDED BY CONTRACTOR AND/OR OWNER.
21. CONTINUE COUNTERTOP BACKSPLASH TO SIDEWALLS WHERE SUCH CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
22. ALL BASE, UPPER, AND TALL CABINETS ARE TO BE LOCKABLE. LOCKS TO BE KEYED ALIKE IN SAME ROOM; LOCKS TO BE KEYED DIFFERENT BETWEEN ROOMS.
23. PROVIDE STAMPED NUMBER ON CYLINDER LOCK FACE. COORDINATE NUMBERING REQUIREMENT WITH ARCHITECT.
24. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
25. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. EXCLUDES WATERFALL COUNTERTOP CONDITIONS.
26. PROVIDE WALL BASE FOR RECESSED TOE-KICKS AND BACK OF KNEE SPACE(S) UNLESS NOTED OTHERWISE
27. MILLWORK SHALL BE CAULKED TO WALLS.
28. CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED
29. SPLICES ARE NOT PERMITTED ON CONTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
30. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
BK 303A LOCK	MILLWORK ELEVATION TYPE; REF: A-700 SERIES FOR SECTION DETAILS NOMINAL WIDTH IN INCHES NOMINAL HEIGHT IN INCHES
23	ACCESSORY TAG
XXXX	EQUIPMENT TAG, REFER TO FIXED EQUIPMENT, A-662
SIM H3 A-301	SECTION TAG REFER TO SECTION AS INDICATED
SIM H3 A-301	ELEVATION TAG REFER TO ELEVATION AS INDICATED
58	REFERENCED NOTE TAG REFER TO REFERENCED NOTE ON THIS SHEET AS INDICATED
	WOOD GRAIN DIRECTION INDICATOR
RWB-1	WALL BASE FINISH TAG, REFER TO FINISH SCHEDULE
GLZ-1	WALL FINISH TAG, REFER TO FINISH SCHEDULE
	GLASS INDICATOR
P.O.O.	POINT OF ORIGIN
	FURNITURE PROJECTION

KEYED NOTES

NUMBER	DESCRIPTION
815	REMOVE ALL WALL PADS AND PROTECTS. REINSTALL IN SAME LOCATION AFTER PAINTING.

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT — WILANE W. WINCHESTER III — 12908 — STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22021	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

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SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

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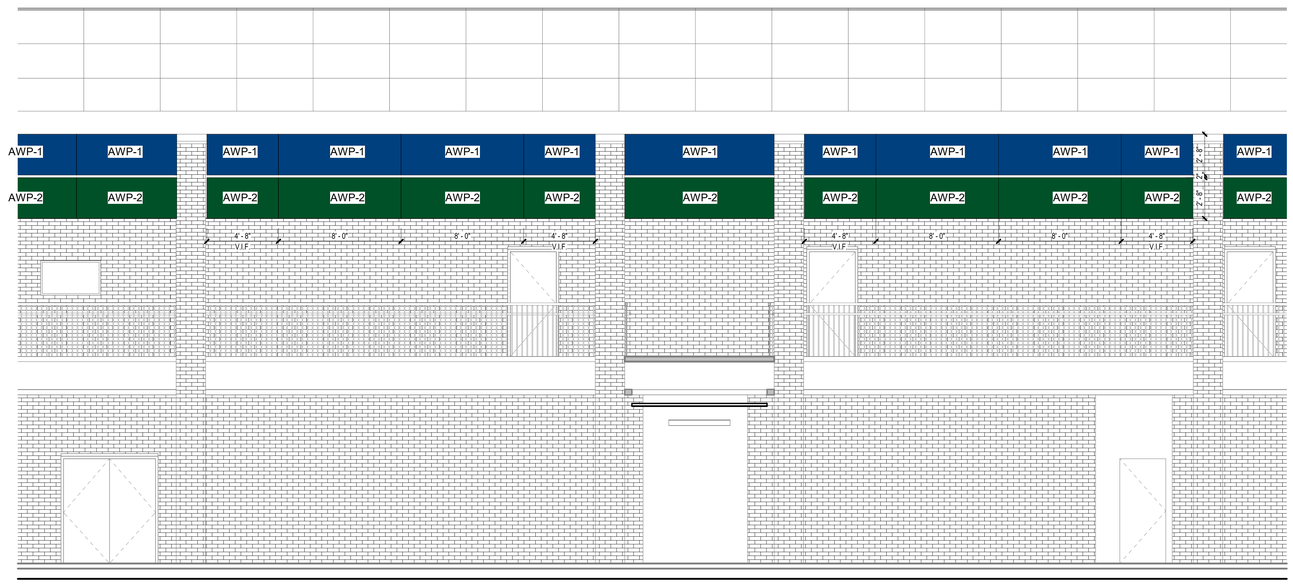
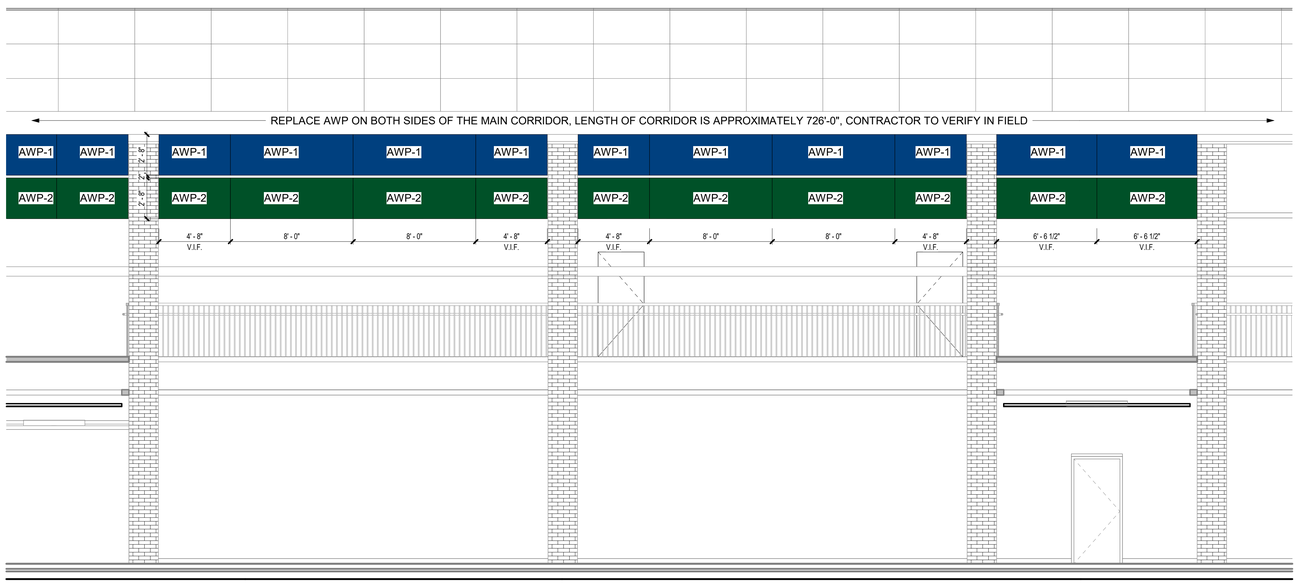


2 **MAIN HALL CORRIDOR - NORTH**
SCALE: 1/4" = 1'-0"



1 **MAIN HALL CORRIDOR - SOUTH**
SCALE: 1/4" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

1. REFER TO A-100 SERIES FOR FLOOR PLAN INFORMATION. REFER TO A-100 SERIES FOR ACCESSORIES INFORMATION. REFER TO A-700 SERIES FOR CASEWORK DETAILS. FOR COUNTERTOP, REFER TO A-700 SERIES FOR TYP. DETAILS AND FINISH PLANS FOR FINISH.
2. FOR PLUMBING FIXTURE HEIGHTS, REFER TO PLUMBING DWG.SINKS, LAVATORIES AND FAUCETS SHOWN ARE FOR REFERENCE ONLY. REFER TO PLBG DWGS FOR SCHED. FIXTURES. SINK TO BE CENTERED IN MILLWORK ELEVATION INDICATED U.N.O.
3. MILLWORK SHALL BE FINISHED WITH PLASTIC LAMINATE , REFER FINISH PLANS. FOR UPPER CABINETS, PLAM FINISH ON TOP UNLESS SOFFIT IS SCHEDULED.
4. BASE CABINETS TO BE 24" DEEP U.N.O. UPPER CABINETS TO BE 14" DEEP U.N.O. ALL UNIT HEIGHTS AND WIDTH ARE INDICATED BY MILLWORK ELEVATION TAG, U.N.O.
5. INSTALL MATCHING FINISHED PANELS ON ALL EXPOSED ENDS AND SIDES. WHEN A FILLER PANEL EXISTS AT EACH END OF A CONTINUOUS RUN OF A CASEWORK, MAKE EACH PANEL EQUAL WIDTH U.N.O.
6. CABINET PULLS SHALL BE LOCATED AS INDICATED ON DETAIL.
7. WHEN BOTH UPPER AND LOWER CABINET HAVE FIXED ENDS HORIZONTALLY WITHIN 3" OF EACH OTHER, ENDS SHALL ALIGN VERTICALLY, U.N.O.
8. GYP. BD. REVEALS ARE 1/4" REVEAL CHANNEL SCREED BY FRY REGLETS OR EQUAL, UNLESS NOTED OTHERWISE IN THE DRAWINGS. PAINT SAME COLOR AS WALL FINISH U.N.O.
9. PROVIDE 2" DIA. GROMMETS AT ALL WORKSTATIONS WITH KNEE SPACES AND WHERE ACCESS TO POWER AND/OR LOW VOLTAGE IS NEEDED. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
10. THE ALPHABETIC DESIGNATION BEHIND THE SHEET NUMBER ON THE 200 SERIES DOES NOT RELATE TO THE FLOOR PLAN AREA DESIGNATION.
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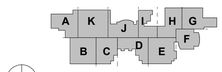
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
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ARCHITECTURAL - INTERIOR ELEVATIONS

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A-224

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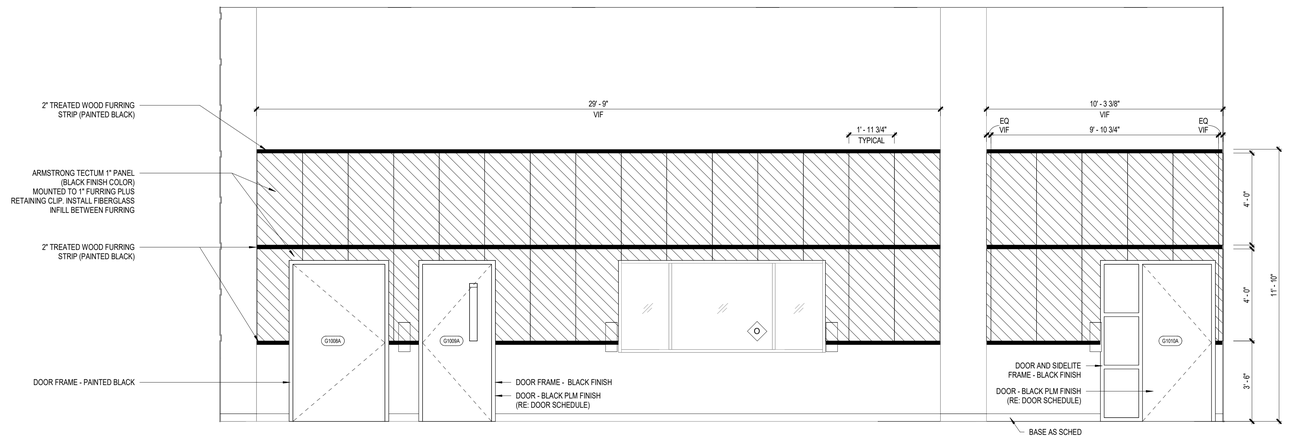

3 BLACK BOX - EAST ELEVATION

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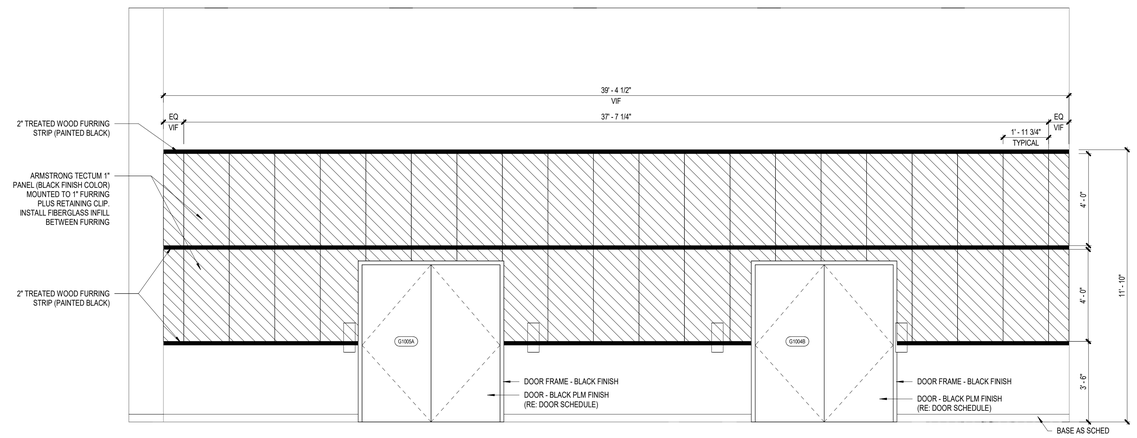

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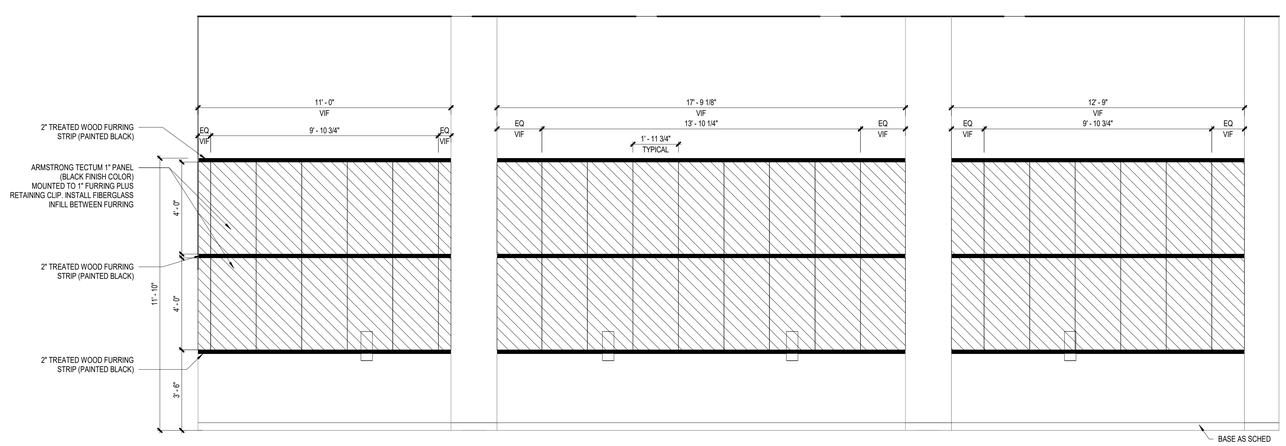

1 BLACK BOX - SOUTH ELEVATION

SCALE: 3/8" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT — DUANE W WOLTERS — 21908 — STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

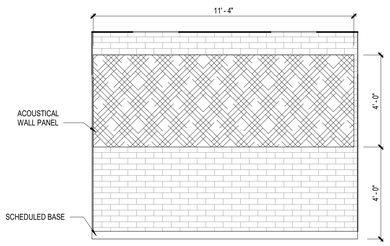
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

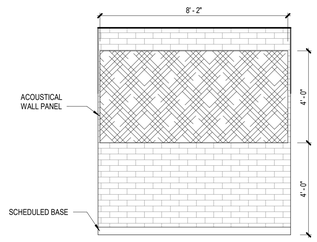
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER

A-225



9 PRACTICE ROOM - SOUTH
SCALE: 3/8" = 1'-0"



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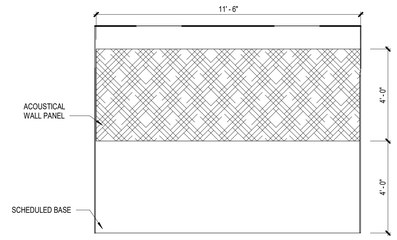

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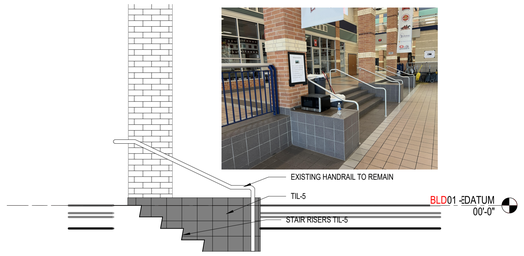
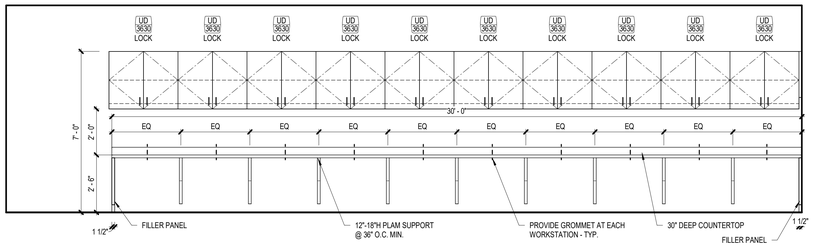


GENERAL NOTE: ALL KNEE WALLS AROUND THE CAFETERIA PERIMETER TO RECEIVE TILES.

6 STAIR COMMONS DETAIL
SCALE: 3/8" = 1'-0"



5 1866-JOURNALIST-SOUTH
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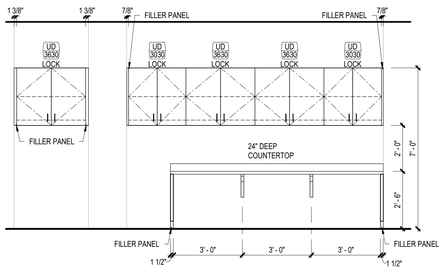
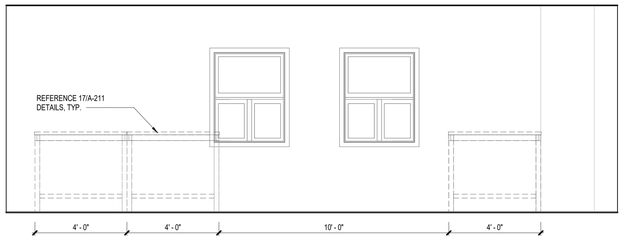


4 1866-JOURNALIST-EAST
SCALE: 3/8" = 1'-0"



3 1209 - AQUATIC LAB
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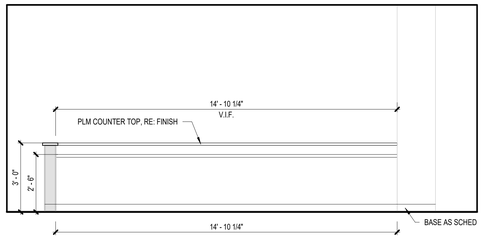
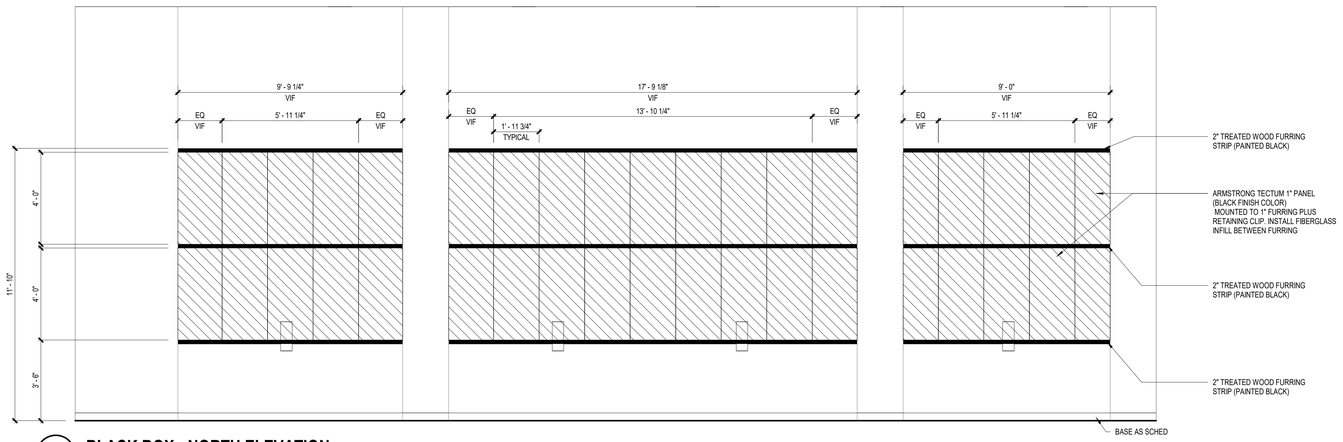


2 1866-JOURNALIST
SCALE: 3/8" = 1'-0"



1 BLACK BOX - NORTH ELEVATION
SCALE: 3/8" = 1'-0"

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PROFESSIONAL SEALS

REGISTERED ARCHITECT MICHAEL WINCHESTER 27906 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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33AC23221	CFISD
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ORIGINAL ISSUE
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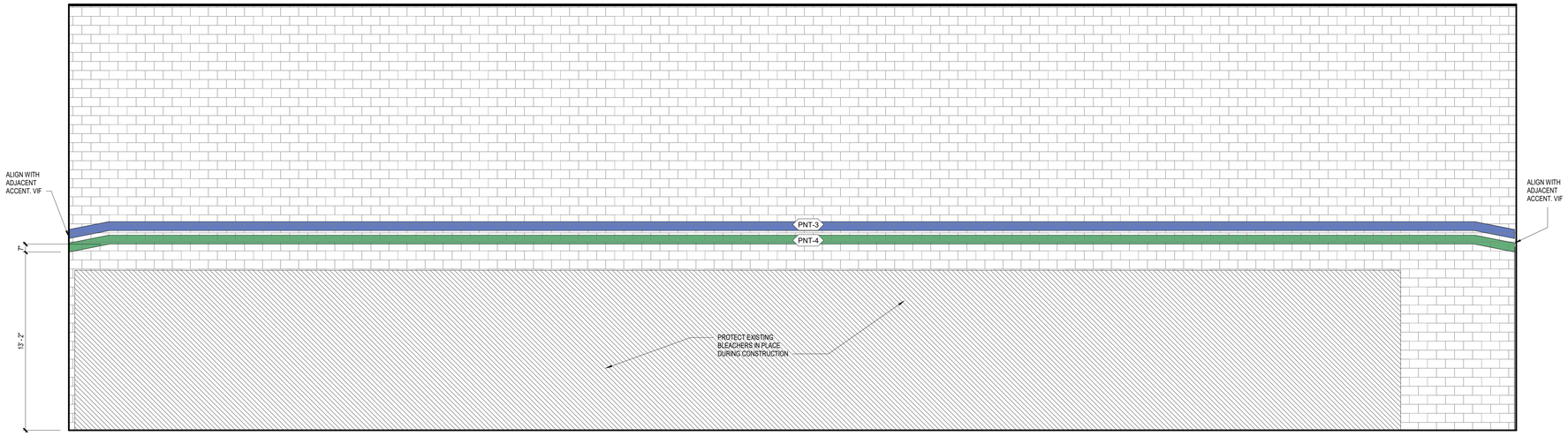
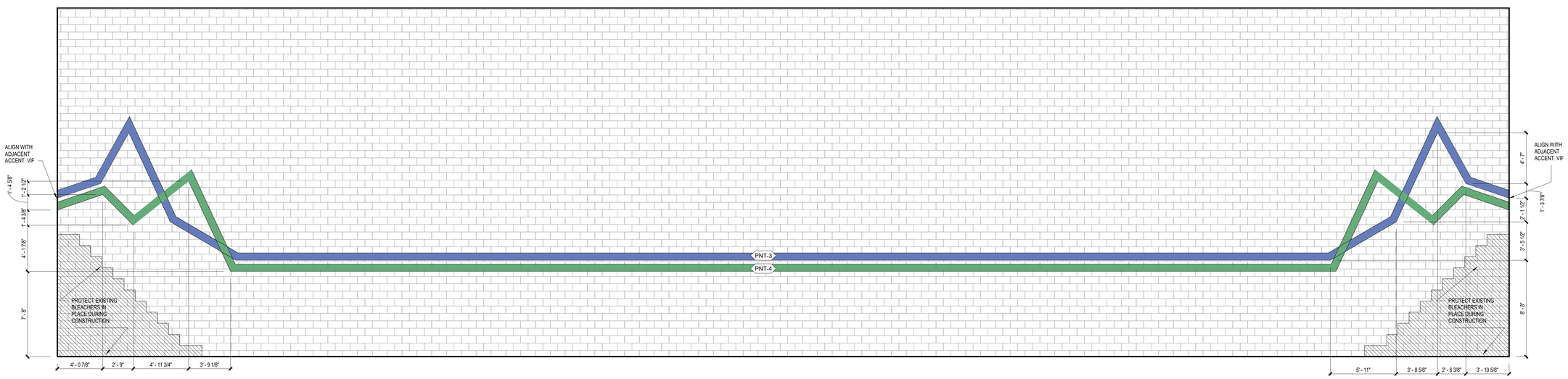
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-226



2 **COMPETITION GYM ELEVATION BEHIND BLEACHERS, TYP.**
SCALE: 1/4" = 1'-0"



1 **COMPETITION GYM ELEVATION TYP.**
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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM W. WICHER
21908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22021	CFISD
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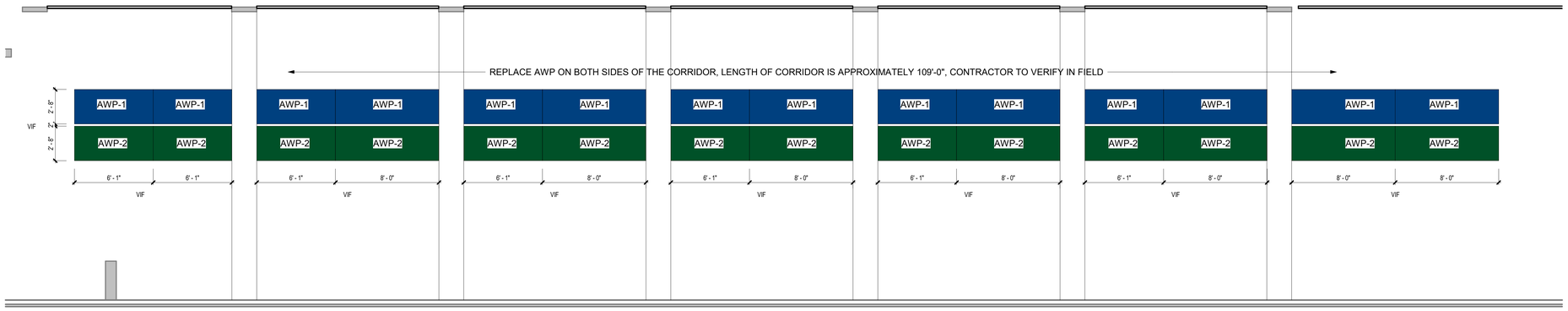
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR ELEVATIONS

SHEET NUMBER
A-227



2 DINING CORRIDOR - WEST

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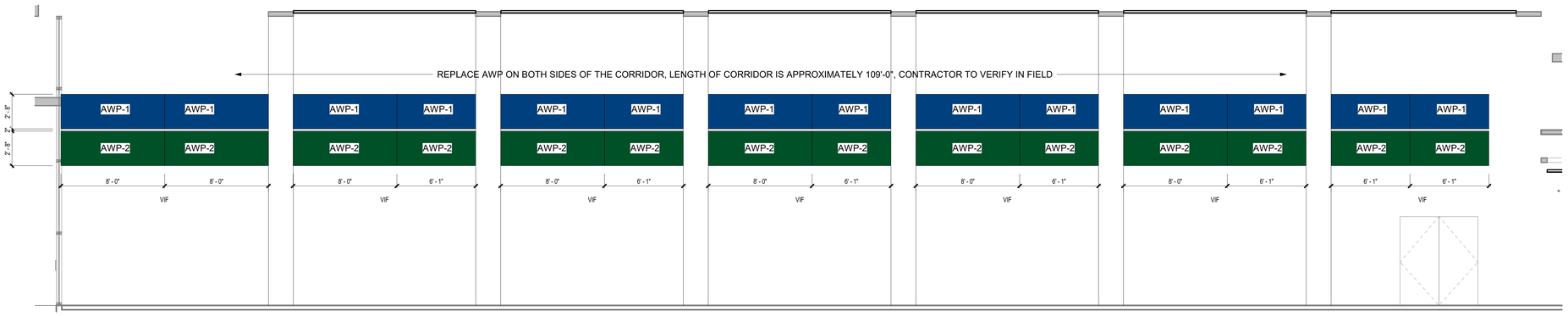

1 DINING CORRIDOR - EAST

SCALE: 1/4" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM W. WINGATE JR. 12908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22221	CFISD
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ORIGINAL ISSUE

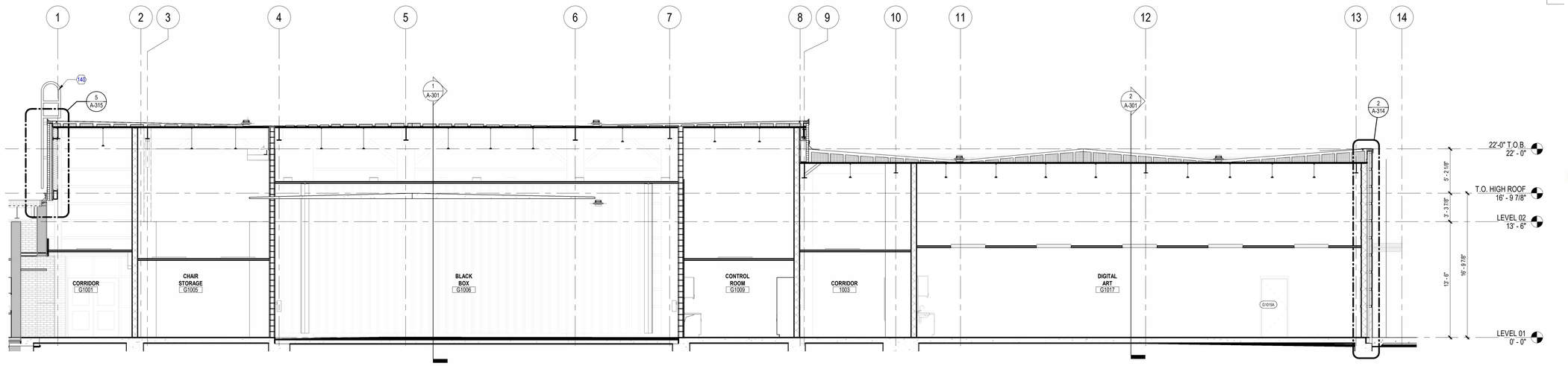
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - INTERIOR ELEVATIONS

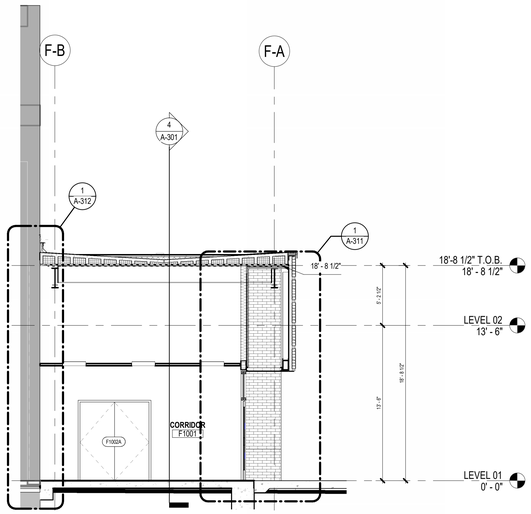
SHEET NUMBER

A-228



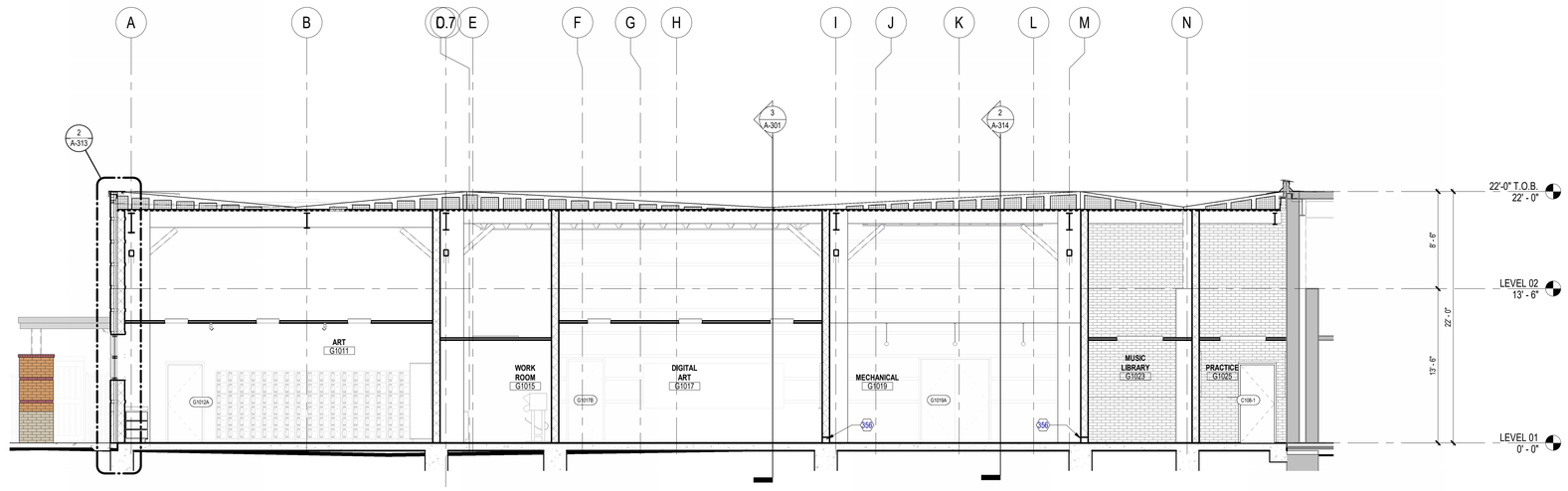
3 FINE ARTS ADDITION - SECTION 03

SCALE: 3/16" = 1'-0"



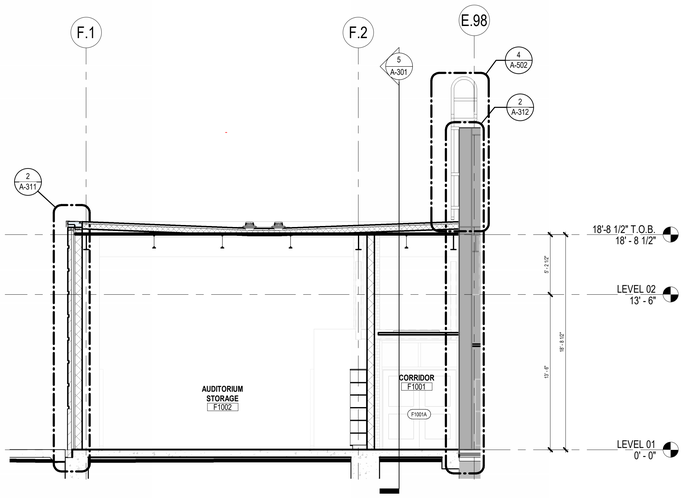
5 AUDITORIUM ADDITION - SECTION 02

SCALE: 3/16" = 1'-0"



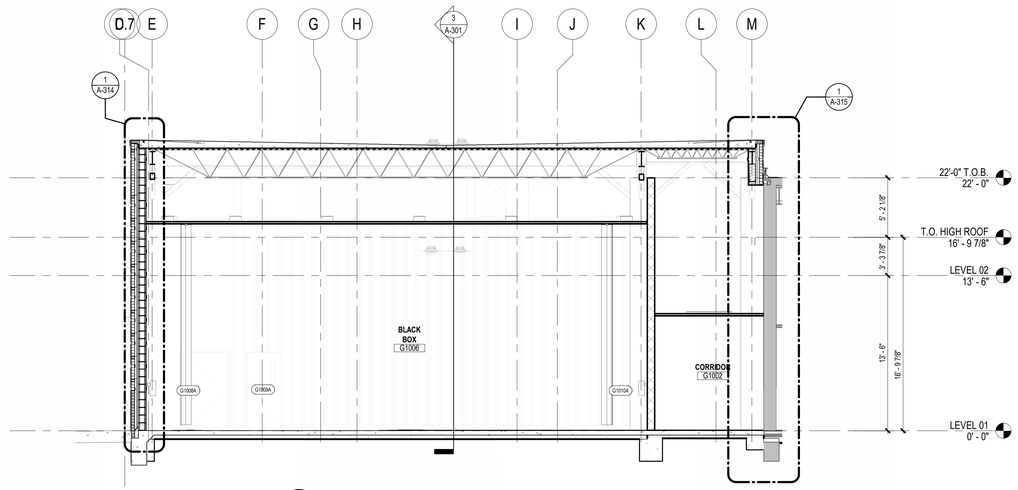
2 FINE ARTS ADITTION - SECTION 02

SCALE: 3/16" = 1'-0"



4 AUDITORIUM ADDITION - SECTION 01

SCALE: 3/16" = 1'-0"



1 FINE ARTS ADITTION - SECTION 01

SCALE: 3/16" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM W. PRIDE 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
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ORIGINAL ISSUE

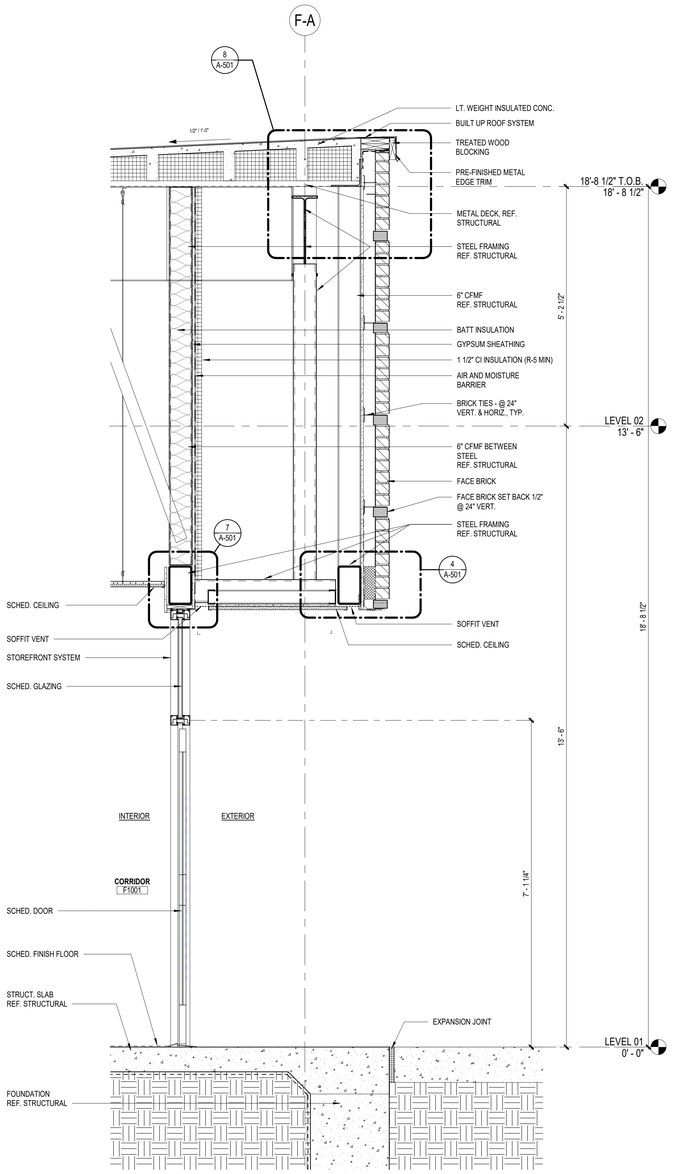
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

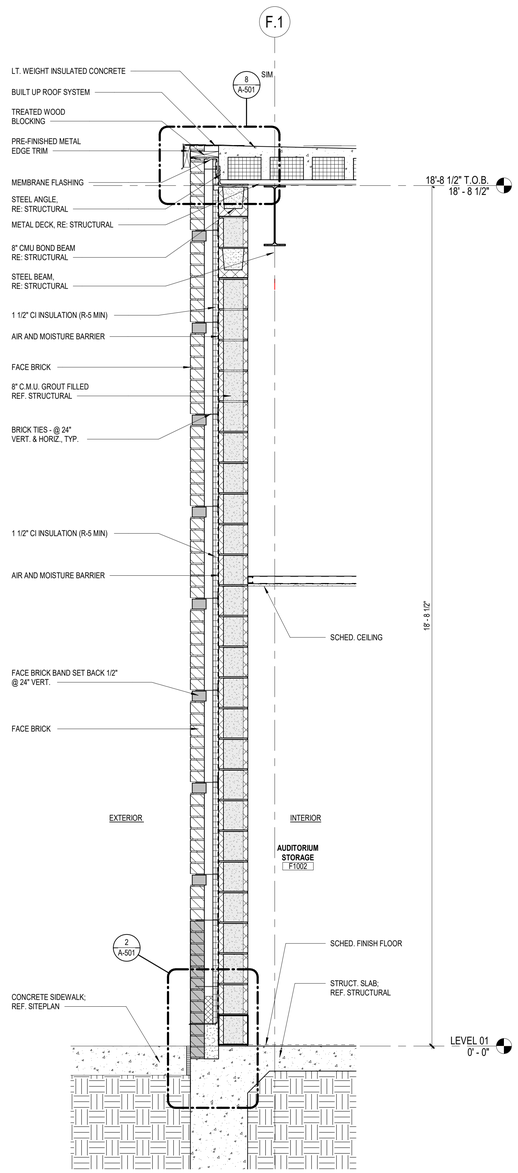
ARCHITECTURAL - BUILDING SECTIONS

SHEET NUMBER

A-301



1 **AUDITORIUM ADDITION - WALL SECTION 01**
SCALE: 3/4" = 1'-0"



2 **AUDITORIUM ADDITION - WALL SECTION 02**
SCALE: 3/4" = 1'-0"

WALL SECTION NOTES

1. COLD FORMED METAL FRAMING AT EXTERIOR MAX. SPACING SHALL BE 16" O.C. MINIMUM STUD DEPTH SHALL BE 6" AND MINIMUM THICKNESS SHALL BE 0.0598". PROVIDE LATERAL BRACING @ MAX 4' O.C. REFER TO SECTION 05400 - COLD FORMED METAL FRAMING OF THE PROJECT MANUAL FOR DESIGN AND PERFORMANCE REQUIREMENTS.
2. GYPSUM BOARD ASSEMBLIES AT PERIMETER WALLS - PROVIDE 6" DEEP METAL STUDS AT MAX. 16" O.C. SPACING W/ CONTINUOUS WIRE MESH @ OUTSIDE FACE. PROVIDE GAGE AS REQUIRED BY DESIGN AND PERFORMANCE CRITERIA INDICATED. REFER TO SECTION 09260 - GYPSUM BOARD ASSEMBLIES OF THE PROJECT MANUAL.
3. PROVIDE CONTINUOUS SILL PANS WITH FACTORY FABRICATED END DAMS AT SILLS OF ALL ALUMINUM GLAZING SYSTEMS.
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5. PROVIDE CONTINUOUS SEALANT JOINTS AT BOTH EXTERIOR & INTERIOR FACES OF WINDOW AND DOOR OPENINGS. DOW 790 OR APPROVED EQUAL.
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7. GRADE TO SLOPE AWAY FROM BUILDING, REFER CIVIL DWGS.
8. ALL FERROUS MTL @ BLDG. EXTERIOR TO BE GALV. (ASTM G90)

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT · BRIAN LANE WINCHESTER · 21908 · STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22021	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - WALL SECTIONS

SHEET NUMBER

A-311

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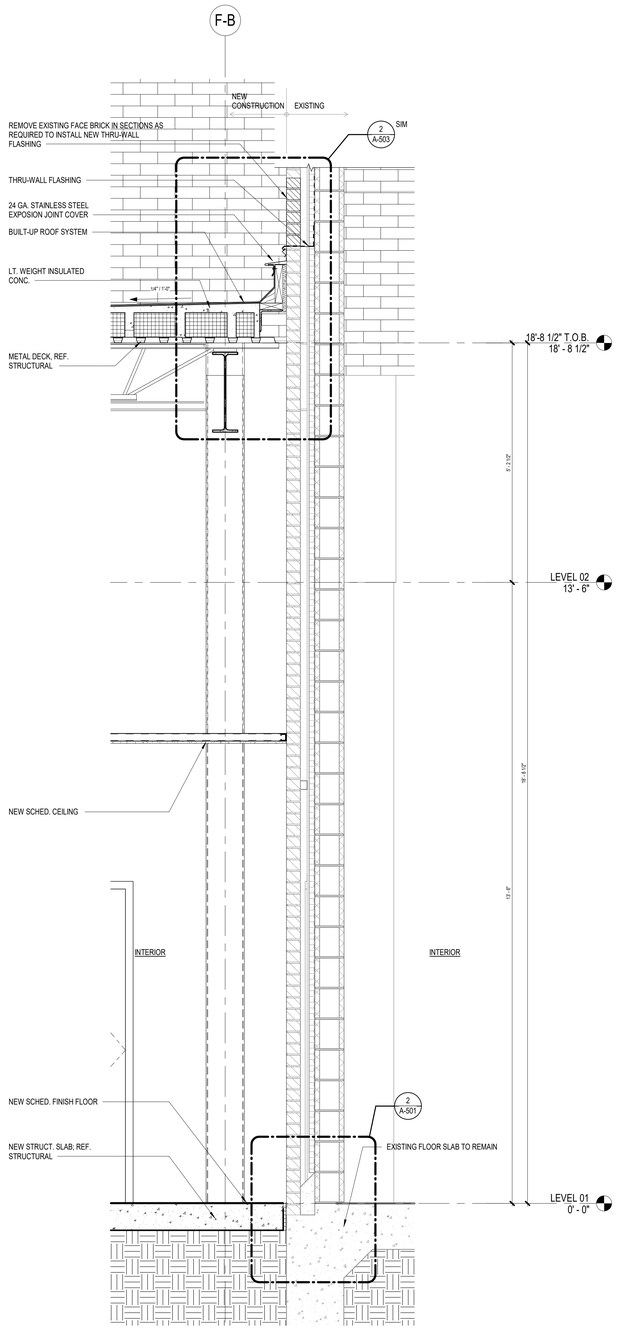
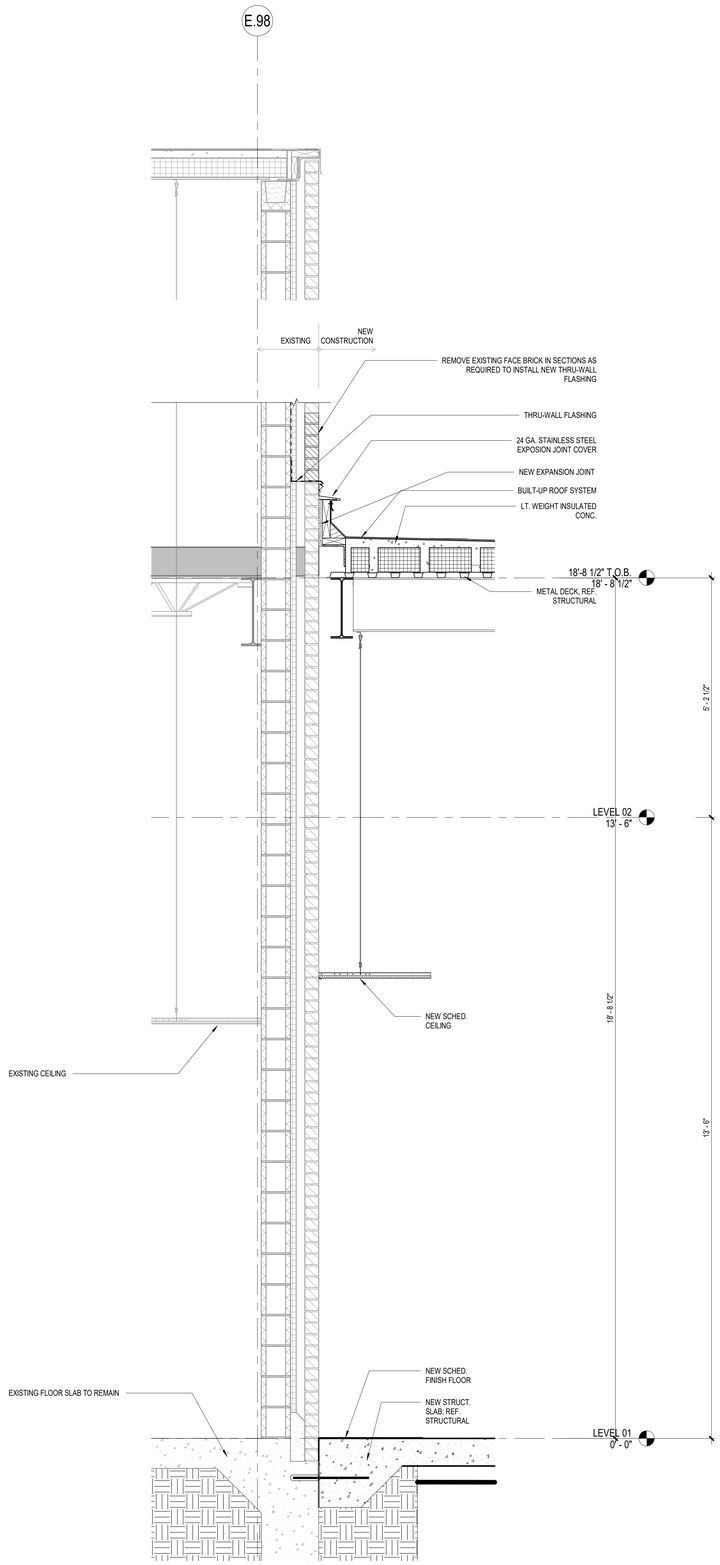


1 **AUDITORIUM ADDITION - WALL SECTION 04**
SCALE: 3/4" = 1'-0"



2 **AUDITORIUM ADDITION - WALL SECTION 05**
SCALE: 3/4" = 1'-0"

WALL SECTION NOTES

1. COLD FORMED METAL FRAMING AT EXTERIOR MAX. SPACING SHALL BE 16" O.C. MINIMUM STUD DEPTH SHALL BE 6" AND MINIMUM THICKNESS SHALL BE 0.0598". PROVIDE LATERAL BRACING @ MAX 4' O.C. REFER TO SECTION 05400 - COLD FORMED METAL FRAMING OF THE PROJECT MANUAL FOR DESIGN AND PERFORMANCE REQUIREMENTS.
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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM NEWTON WINCHESTER III 12908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - WALL SECTIONS

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A-312

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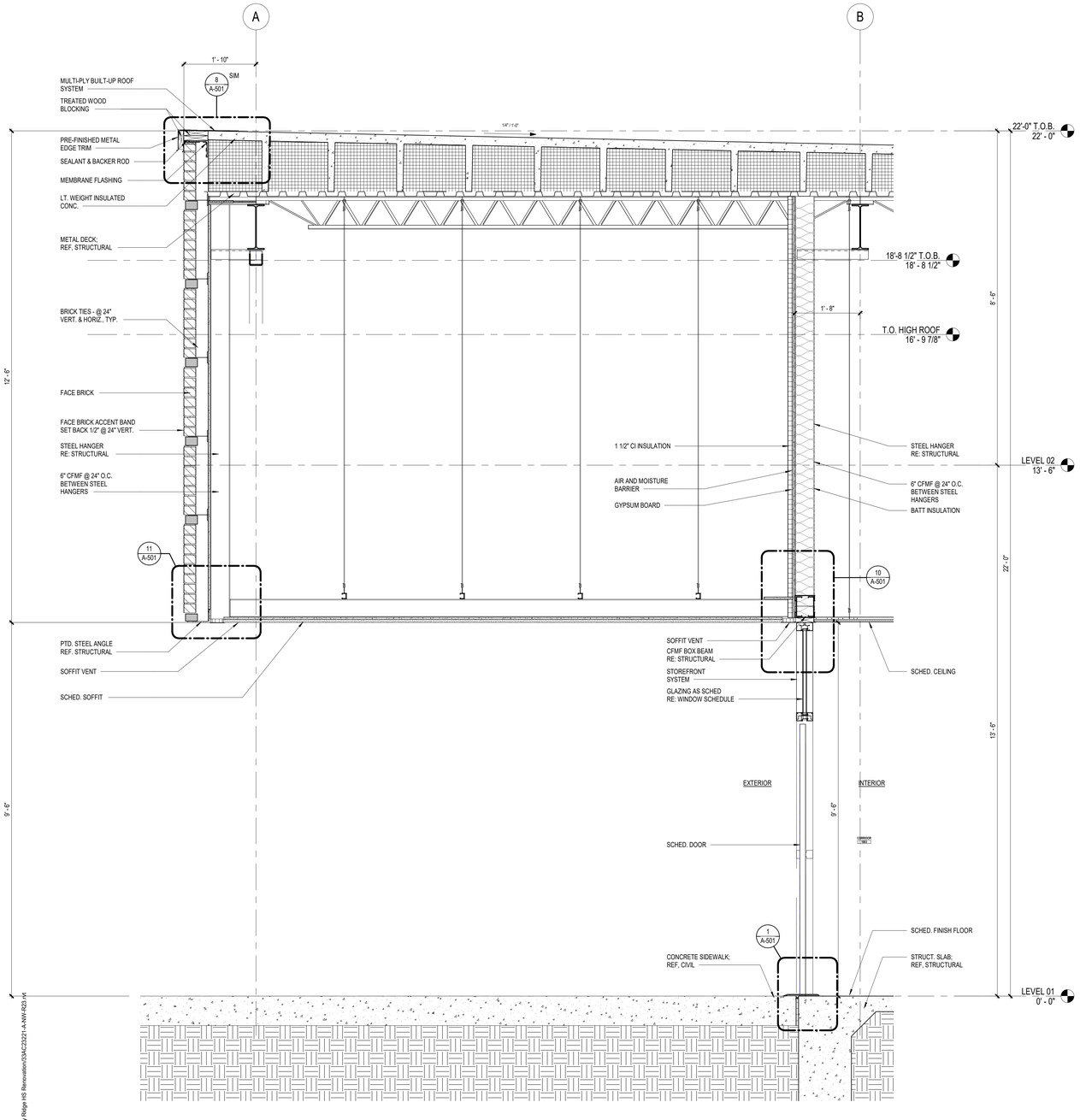
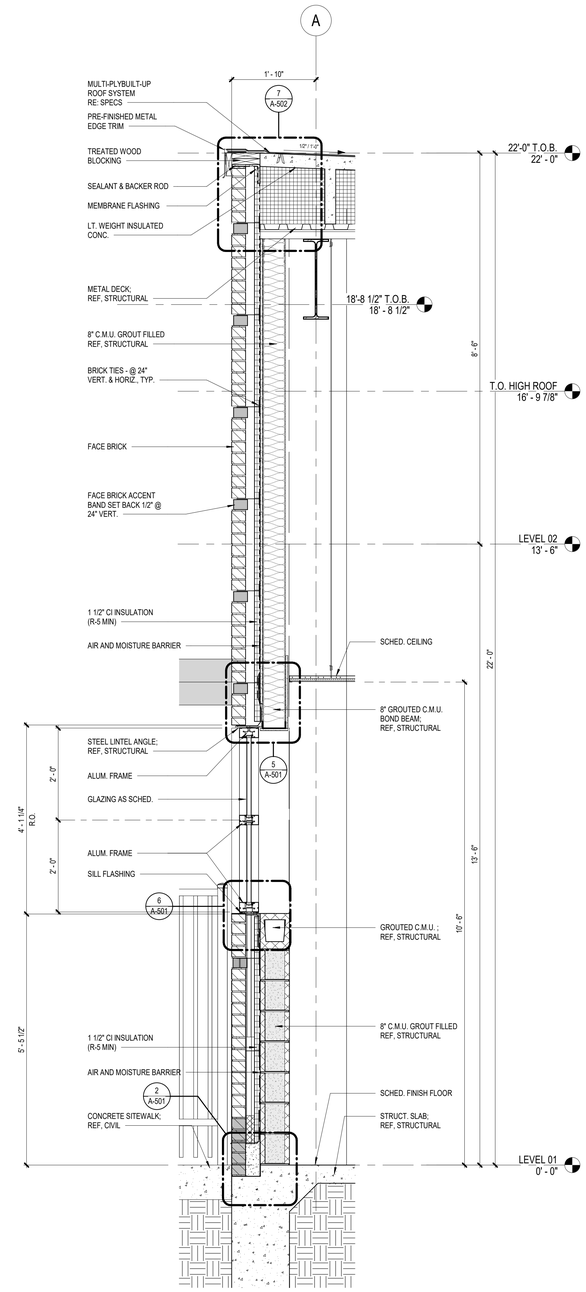


1 FINE ARTS ADDITION - WALL SECTIONS 01
SCALE: 3/4" = 1'-0"



2 FINE ARTS ADDITION - WALL SECTIONS 02
SCALE: 3/4" = 1'-0"

WALL SECTION NOTES

1. COLD FORMED METAL FRAMING AT EXTERIOR MAX. SPACING SHALL BE 16" O.C. MINIMUM STUD DEPTH SHALL BE 6" AND MINIMUM THICKNESS SHALL BE 0.0598". PROVIDE LATERAL BRACING @ MAX 4' O.C. REFER TO SECTION 05400 - COLD FORMED METAL FRAMING OF THE PROJECT MANUAL FOR DESIGN AND PERFORMANCE REQUIREMENTS.
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REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT — STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
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ORIGINAL ISSUE
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DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - WALL SECTIONS

SHEET NUMBER
A-313

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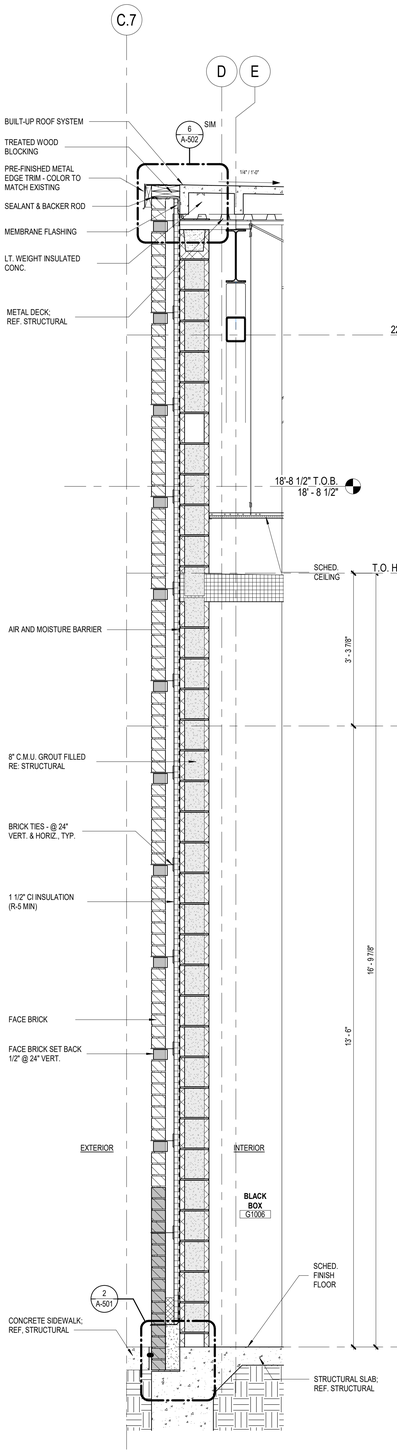
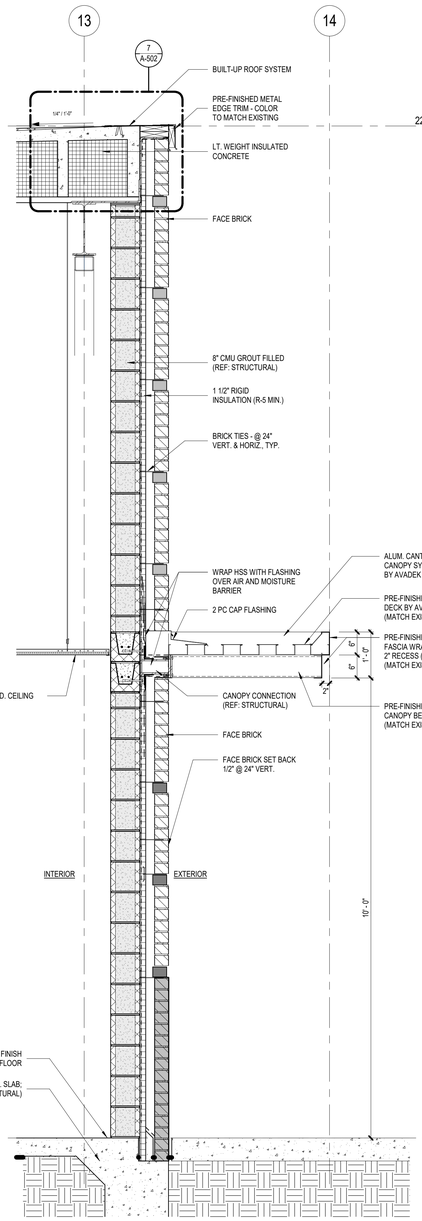
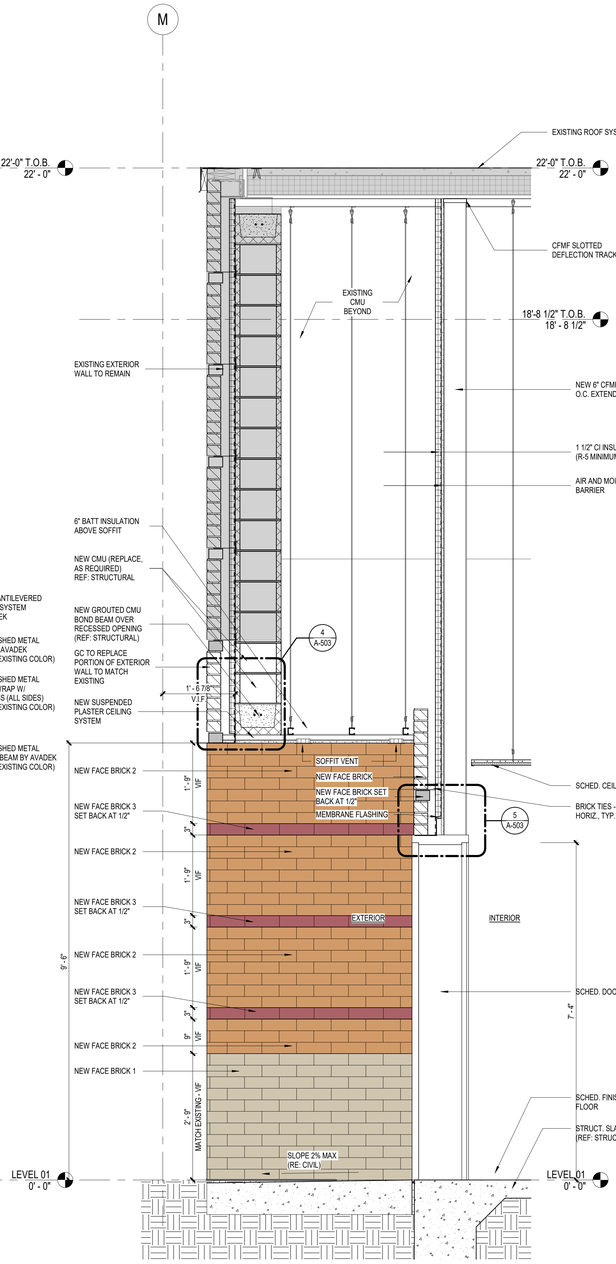


1 **FINE ARTS ADDITION - WALL SECTIONS 03**
SCALE: 3/4" = 1'-0"



2 **FINE ARTS ADDITION - WALL SECTIONS 04**
SCALE: 3/4" = 1'-0"



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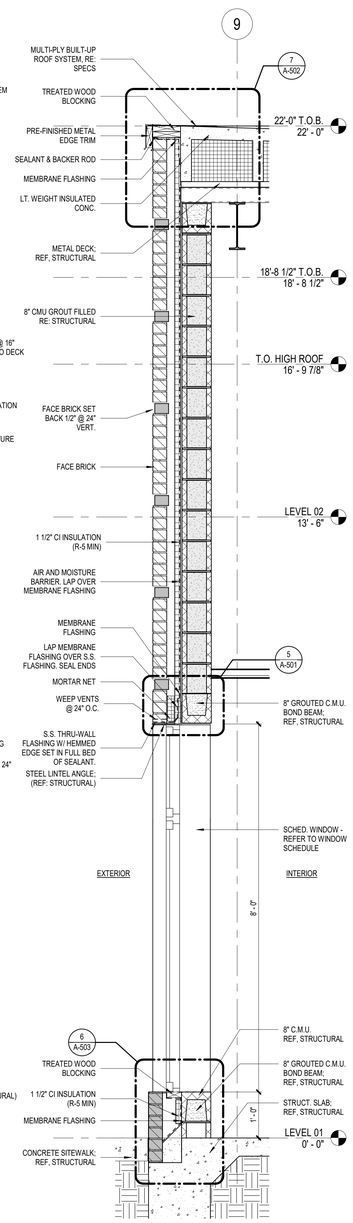

4 **FINE ARTS ADDITION - WALL SECTIONS 06**
SCALE: 3/4" = 1'-0"

WALL SECTION NOTES

1. COLD FORMED METAL FRAMING AT EXTERIOR MAX. SPACING SHALL BE 16" O.C. MINIMUM STUD DEPTH SHALL BE 6" AND MINIMUM THICKNESS SHALL BE 0.0598". PROVIDE LATERAL BRACING @ MAX 4' O.C. REFER TO SECTION 05400 - COLD FORMED METAL FRAMING OF THE PROJECT MANUAL FOR DESIGN AND PERFORMANCE REQUIREMENTS.
2. GYPSUM BOARD ASSEMBLIES AT PERIMETER WALLS - PROVIDE 6" DEEP METAL STUDS AT MAX. 16" O.C. SPACING W/ CONTINUOUS WIRE MESH @ OUTSIDE FACE. PROVIDE GAGE AS REQUIRED BY DESIGN AND PERFORMANCE CRITERIA INDICATED. REFER TO SECTION 09260 - GYPSUM BOARD ASSEMBLIES OF THE PROJECT MANUAL.
3. PROVIDE CONTINUOUS SILL PANS WITH FACTORY FABRICATED END DAMS AT SILLS OF ALL ALUMINUM GLAZING SYSTEMS.
4. PROVIDE UL LISTED FIRE & SMOKE CONTAINMENT SYSTEMS BETWEEN STRUCTURE AND CURTAINWALLS TYPICAL AT EACH FLOOR AND ROOF PERIMETER. FIRE STOP ALL PENETRATIONS.
5. PROVIDE CONTINUOUS SEALANT JOINTS AT BOTH EXTERIOR & INTERIOR FACES OF WINDOW AND DOOR OPENINGS. DOW 790 OR APPROVED EQUAL.
6. PROVIDE CONCEALED SPLICE PLATES TYPICAL @ ALL EXPOSED METAL FLASHINGS & COPINGS.
7. GRADE TO SLOPE AWAY FROM BUILDING, REFER CIVIL DWGS.
8. ALL FERROUS MTL @ BLDG. EXTERIOR TO BE GALV. (ASTM G90)

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINGATE 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
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DECEMBER 09, 2024

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ARCHITECTURAL - WALL SECTIONS

SHEET NUMBER
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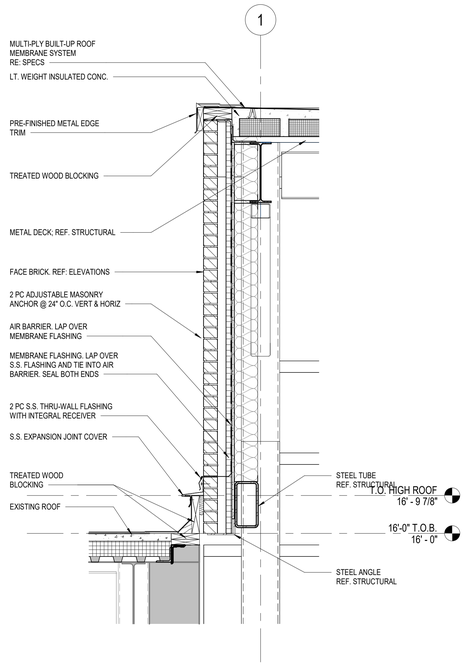

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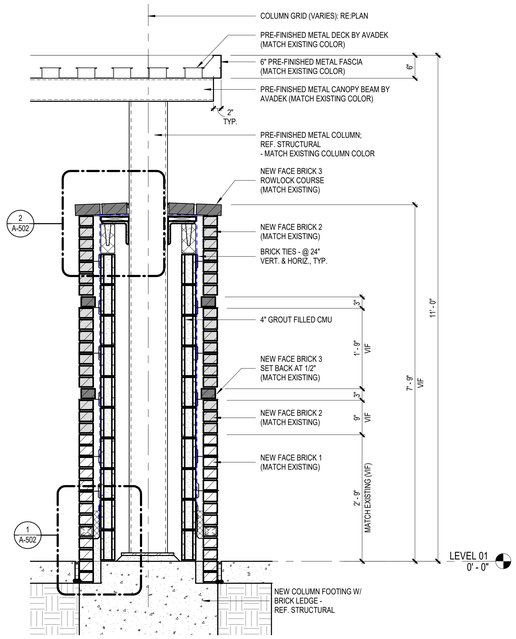

4 **SECTION @ CANOPY AND COLUMN FURROUT**
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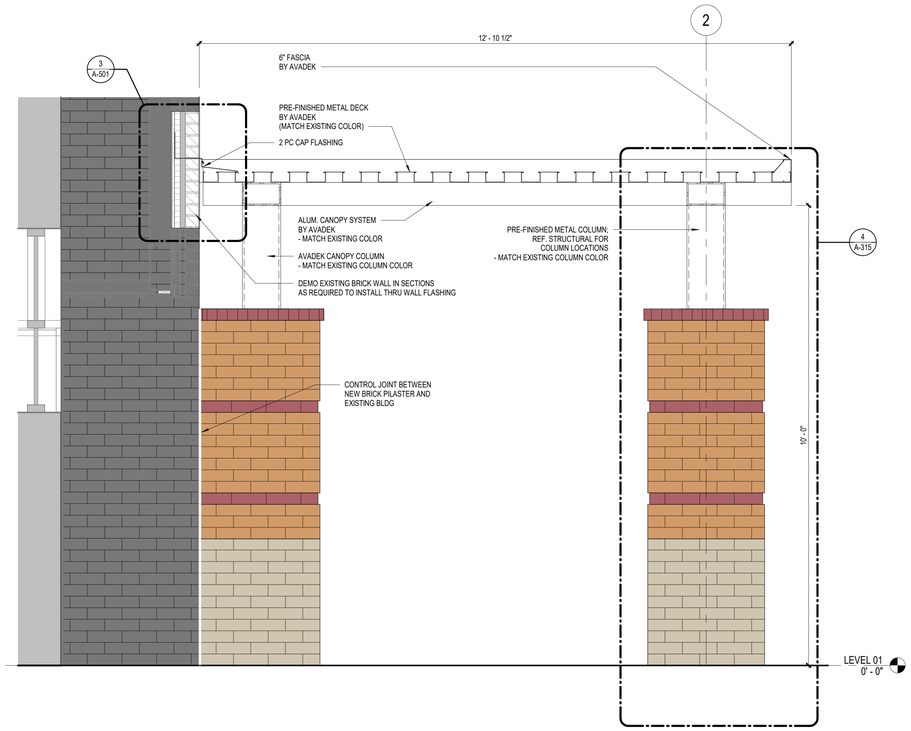

3 **WALL SECTION - CANOPY A**
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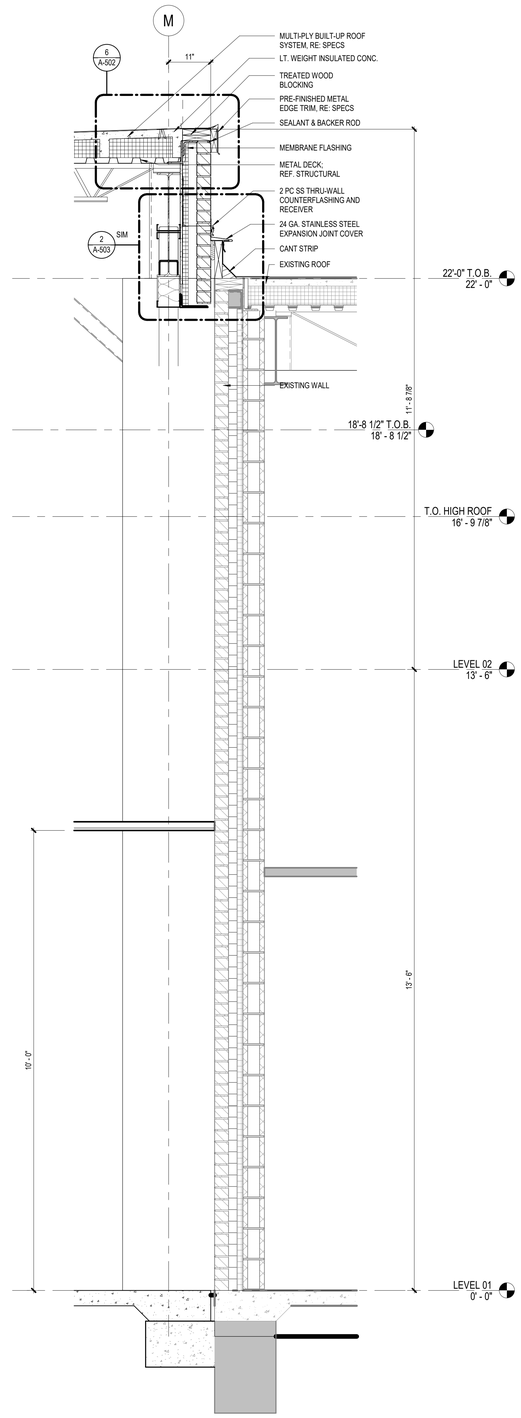

1 **FINE ARTS ADDITION- WALL SECTION 07**
SCALE: 3/4" = 1'-0"

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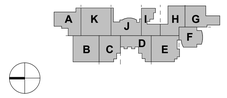
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT · WILLIAM W. WINCHESTER III · 29908 · STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

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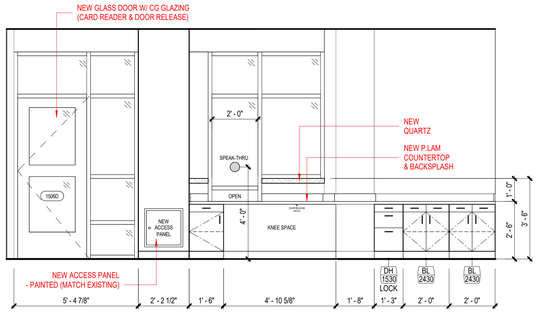
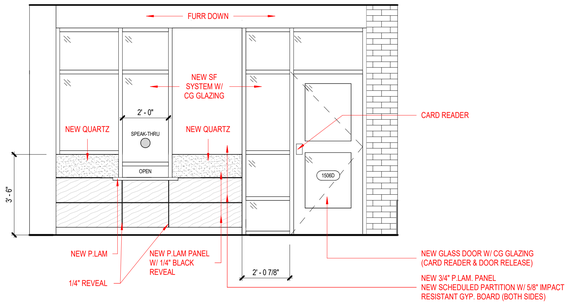


6 S62 - RECEPTION ELEVATION - PROPOSED - REAR
SCALE: 3/8" = 1'-0"



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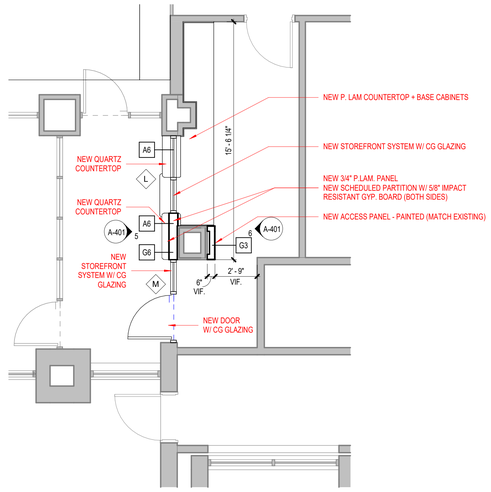

4 S62 - RECEPTION ENLARGED PLAN - PROPOSED (WHOLE)
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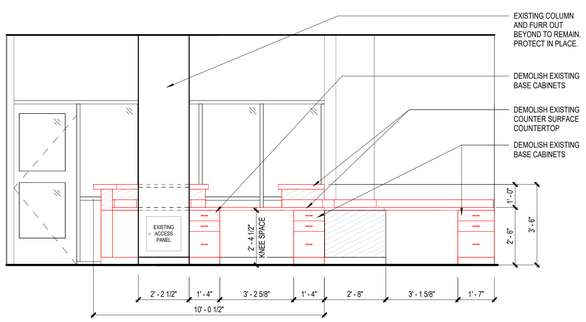

3 S62 - RECEPTION ELEVATION - EXISTING - REAR
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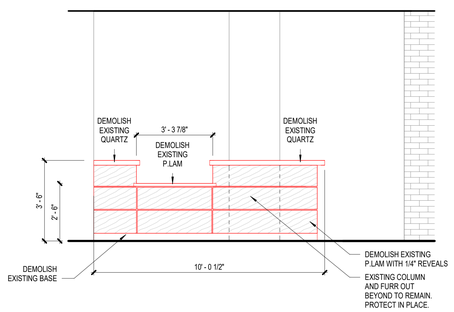

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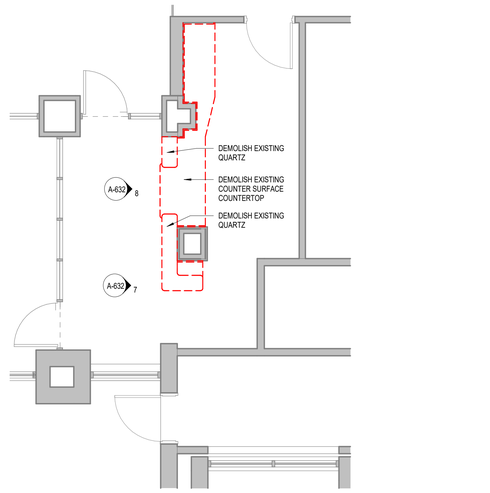

1 S62 - RECEPTION ENLARGED PLAN - DEMOLITION (WHOLE)
SCALE: 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01/A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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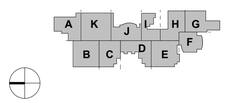

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
MICHAEL LANE WINCHESTER
27905
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - TYPICAL ENLARGED PLANS- RECEPTION DESK

SHEET NUMBER
A-401

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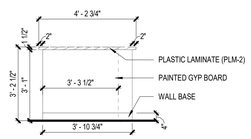
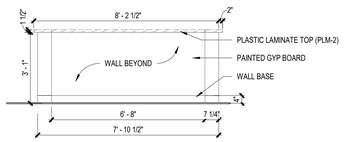


4 **AUDITORIUM CONTROL BOOTH - ELEVATION B**
SCALE: 3/8" = 1'-0"



3 **AUDITORIUM CONTROL BOOTH - ELEVATION A**
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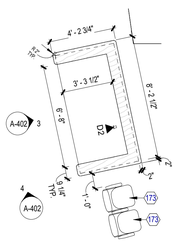
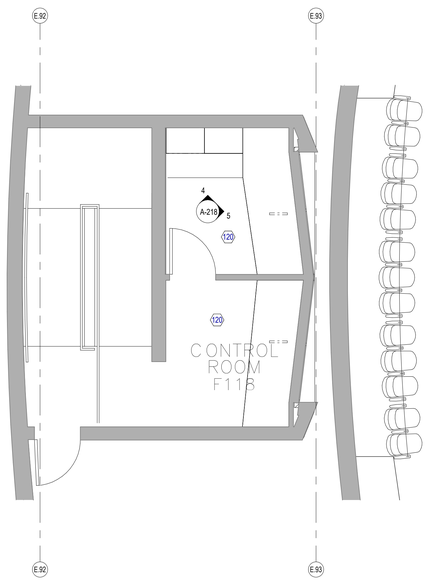


2 **AUDITORIUM CONTROL BOOTH ENLARGED PLAN**
SCALE: 1/4" = 1'-0"



1 **A16 - AUDITORIUM CONTROL ROOM WINDOW REPLACEMENT ENLARGED PLAN**
SCALE: 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
120	UPDATE THE EXISTING CONTROL ROOM (ELECTRICAL AND TECHNOLOGY) TO ACCOMMODATE CONNECTION AND OPERATION OF NEW SOUND BOARD.
173	INSTALL EXISTING AUDITORIUM CHAIR IN NEW LOCATION. ALIGN WITH EXISTING ROW AND SECURE TO FLOOR AND SLAB.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01/A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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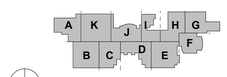

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT MICHAEL WINGATE 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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2024 CY RIDGE HS RENOVATION

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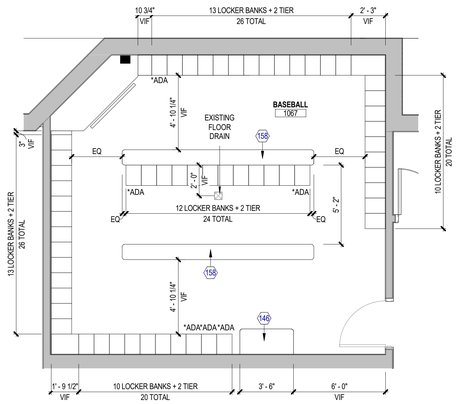
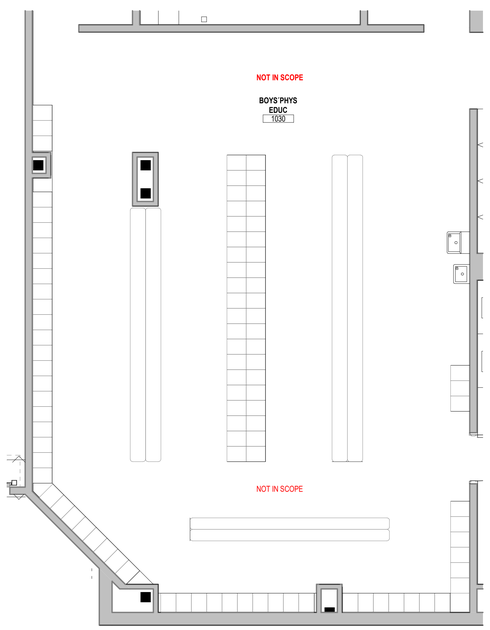
GENERAL NOTE: WALL MOUNTED LOCKERS SHALL HAVE SLOPED TOPS. LOCKERS NOT MOUNTED TO WALLS SHALL HAVE FLAT TOPS.



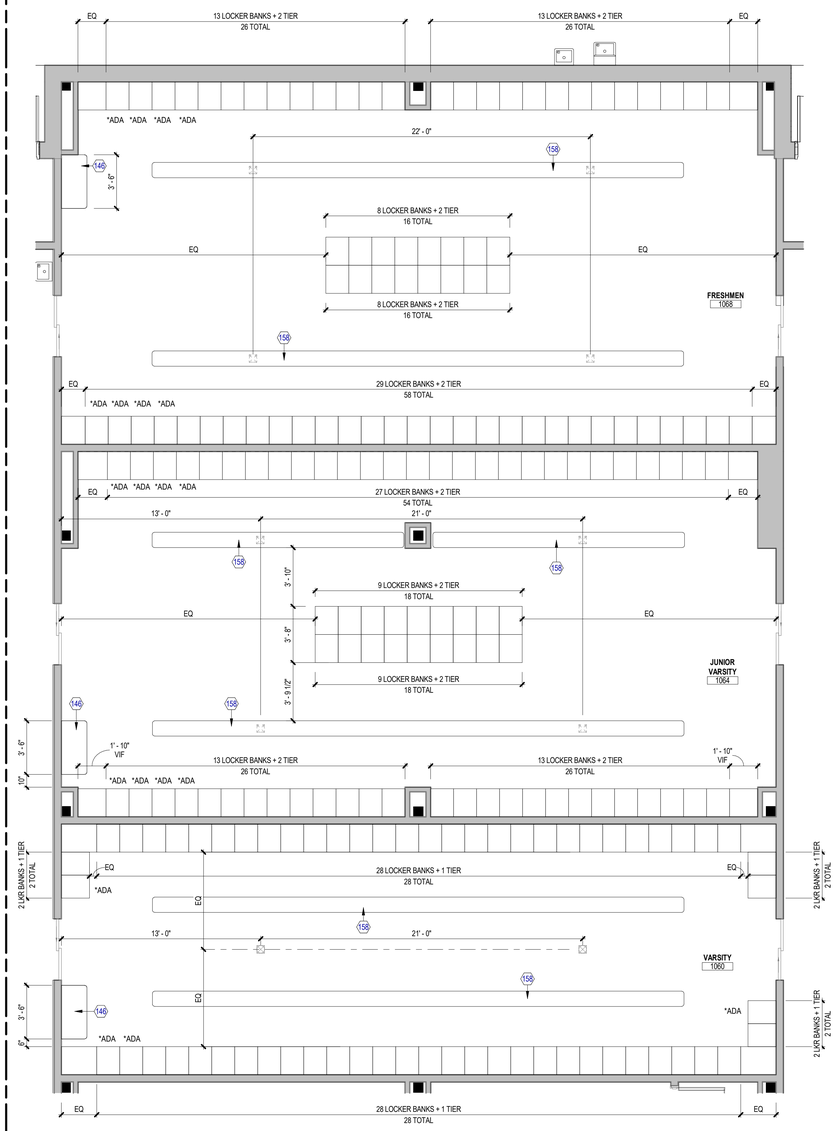
3 ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA K - BASEBALL LOCKER ROOM

SCALE: 1/4" = 1'-0"



2 ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA K - BOY'S P.E. LOCKER ROOM

SCALE: 1/4" = 1'-0"



1 ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA K - FOOTBALL LOCKER ROOMS

SCALE: 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE M8. ALL COLUMN FURRING TO BE PARTITION TYPE M6, UNLESS NOTED OTHERWISE.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO GL DRAWINGS.
4. ROOF PLAN SHOWN FOR REFERENCE ONLY. REFER TO ROOF PLAN FOR NOTES AND DIMENSIONS.
5. REFER TO A200 SERIES DRAWINGS: EXTERIOR ELEVATIONS, A300 SERIES DRAWINGS: BUILDING AND WALL SECTIONS.
6. REFER TO A600 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
7. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
8. ALL PARTITION DIMENSIONS ARE TAKEN FROM THE CENTERLINE OF COLUMNS AND TO THE DRYWALL FACE.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. REFER TO A-551 FOR INTERIOR PLAN DETAILS.
12. GENERAL DIMENSIONS PROVIDED ON FLOOR PLANS AND AREA PLANS DO NOT REFLECT THE ROUGH OPENING DIMENSIONS REQUIRED FOR COORDINATION WITH MASONRY JOINT COURSING. CONTRACTOR IS TO PROVIDE ROUGH OPENING FRAMING DIMENSIONS CONSISTENT WITH ENLARGED ARCHITECTURAL PLAN/SECTION DETAILS (A5 SERIES SHEETS), AND WINDOW SCHEDULE/DETAILS (A6 SERIES). CONTRACTOR TO SUBMIT RFI FOR ANY ROUGH OPENING DIMENSIONS NOT GIVEN IN DETAILING FOR CLARIFICATION REQUIRED.
13. ALL APPLIANCES AND EXHAUST HOODS TO BE REMOVED AND RELOCATED DURING CONSTRUCTION AND PLACED BACK INTO ITS ROOM AFTER CASEWORK IS COMPLETE.
14. REFER TO A-200 SERIES FOR CASEWORK ELEVATIONS.

KEYED NOTES

NUMBER	DESCRIPTION
146	NEW ADA BENCH WITH HDPE TOP. REFER TO PLANS AND ELEVATIONS.
158	REINSTALL EXISTING LOCKER ROOM BENCH. SECURE TO EXISTING SLAB.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE REF 01/A101	MATCH LINE SHEET REFERENCE
14	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 A-301	BUILDING SECTION TAG WALL SECTION TAG
1 A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
1 A-431	PLAN REFERENCE TAG
ROOM NAME 101	ROOM NAME ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
NEW PARTITION REF PARTITION SCHEDULE	EXISTING PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
	A COLUMN GRID DESIGNATIONS

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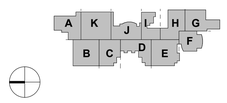
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT — STATE OF TEXAS — 12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - TYPICAL ENLARGED PLANS - BOY'S LOCKER ROOMS

SHEET NUMBER

A-403

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-AW-R23.rvt
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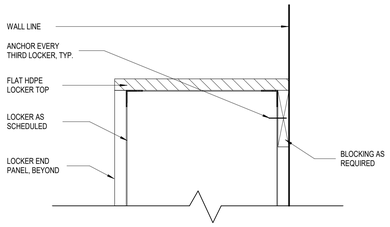
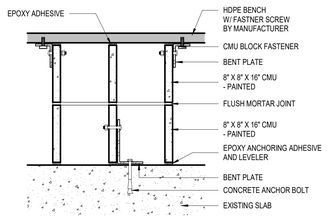
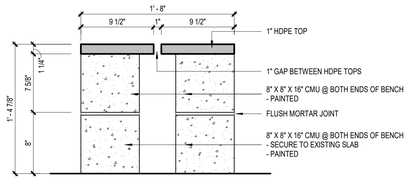


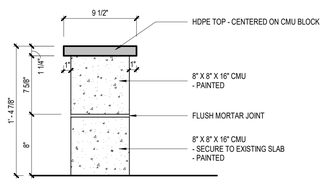
7 FLAT HDPE LOCKER CAP DETAIL
SCALE: 1 1/2" = 1'-0"



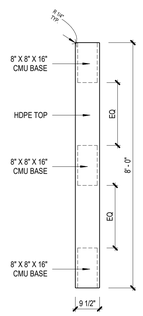
6 TYPICAL BENCH - NEW - SECTION
SCALE: 1 1/2" = 1'-0"



5 ADA BENCH - NEW - ELEVATION
SCALE: 1 1/2" = 1'-0"

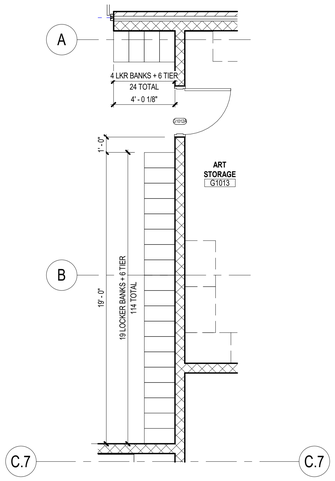


3 BOY'S ATHLETICS - NEW BENCH - ELEVATION
SCALE: 1 1/2" = 1'-0"

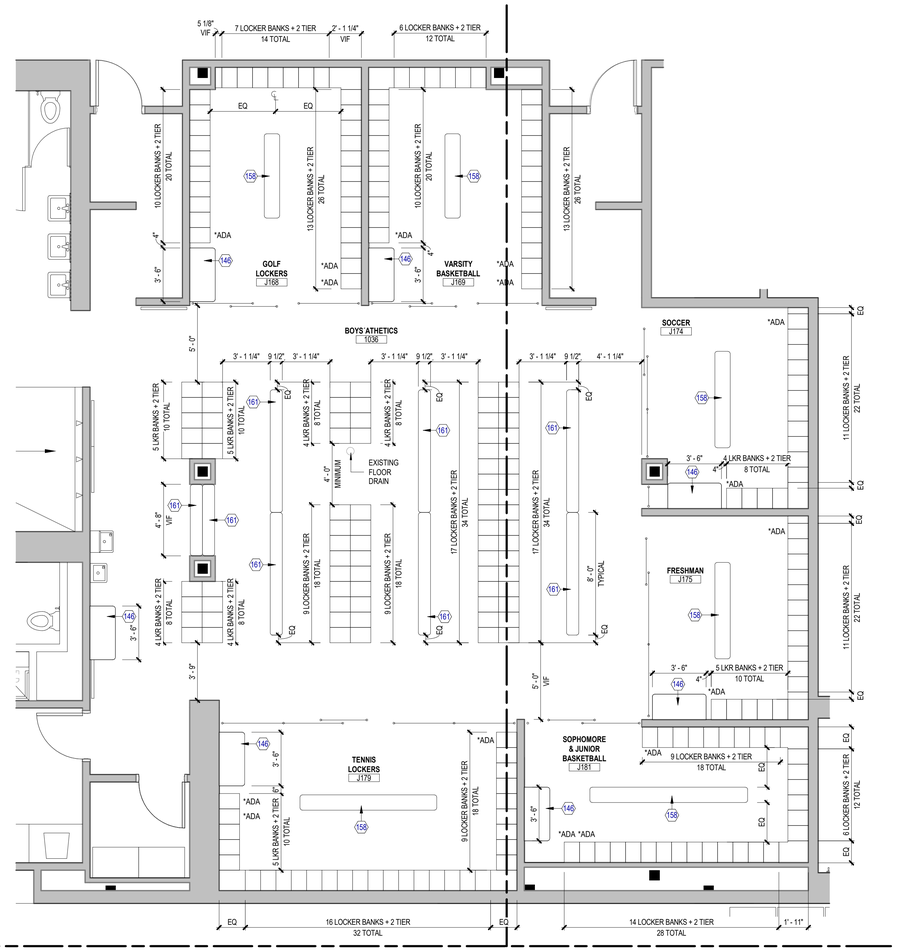


4 TYPICAL LOCKER ROOM BENCH - NEW - ENLARGED PLAN
SCALE: 1/2" = 1'-0"

GENERAL NOTE: WALL MOUNTED LOCKERS SHALL HAVE SLOPED TOPS. LOCKERS NOT MOUNTED TO WALLS SHALL HAVE FLAT TOPS.



2 ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA G - ART G1011 LOCKERS
SCALE: 1/4" = 1'-0"



1 ARCHITECTURAL - FLOOR PLAN - LEVEL 01 - AREA K - BOY'S ATHLETICS LOCKER ROOMS
SCALE: 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

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KEYED NOTES

NUMBER	DESCRIPTION
146	NEW ADA BENCH WITH HDPE TOP. REFER TO PLANS AND ELEVATIONS.
158	REINSTALL EXISTING LOCKER ROOM BENCH. SECURE TO EXISTING SLAB.
161	INSTALL NEW LOCKER ROOM BENCH - CMU WITH HDPE TOPS PER DISTRICT STANDARDS. SECURE TO EXISTING SLAB. INFILL SLAB OPENINGS AT PREVIOUS BENCH LOCATIONS.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
MATCHLINE / REF 01/A101	MATCH LINE / SHEET REFERENCE
14	KEYED NOTE / KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG / REFER TO PARTITION SCHEDULE
1 / A-301	BUILDING SECTION TAG / WALL SECTION TAG
1 / A-201	EXTERIOR ELEVATION TAG
1 / A-211	INTERIOR ELEVATION TAG
1 / A-431	PLAN REFERENCE TAG
ROOM NAME / 101	ROOM NAME / ROOM NUMBER
	1-HOUR FIRE WALL, FIRE BARRIER, OR FIRE PARTITION
	NEW PARTITION REF PARTITION SCHEDULE
	EXISTING PARTITION
A	COLUMN GRID DESIGNATIONS
1002	NEW DOOR WITH DOOR TAG REF DOOR SCHEDULE
28	NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS

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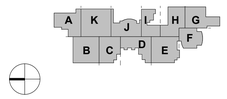
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT DARYL LANE WINCHESTER STATE OF TEXAS 12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - TYPICAL ENLARGED PLANS - BOY'S LOCKER ROOMS AND ART G1011

SHEET NUMBER
A-404

FILE PATH: Autodesk Docs://33AC25221-CFISD - Cy Ridge HS Renovation/33AC25221-A-NW-R20.rvt
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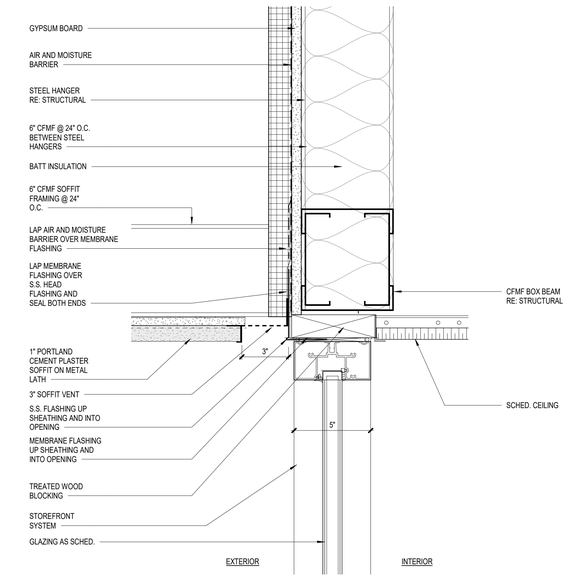
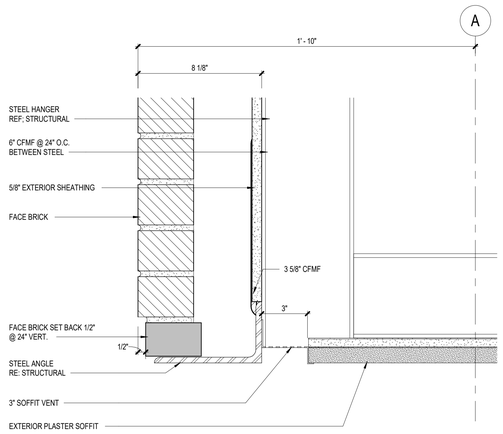


10 SOFFIT DETAIL @ STOREFRONT
SCALE: 3" = 1'-0"



11 EXTERIOR SOFFIT
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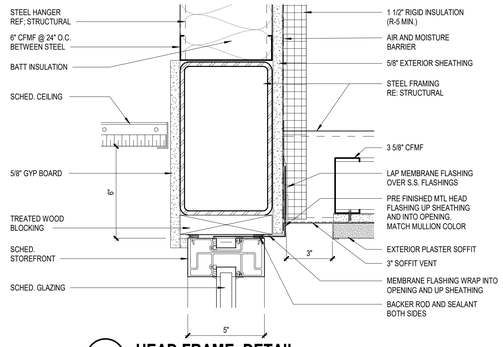

7 HEAD FRAME DETAIL
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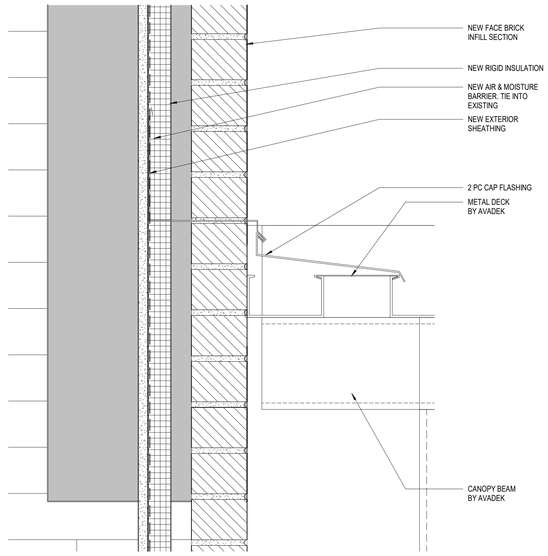

3 CANOPY DETAIL AT EXISTING BLDG
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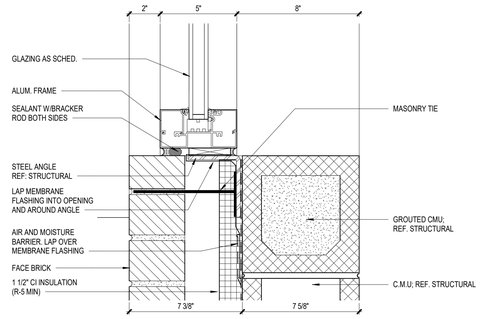

6 JAMB FRAME DETAIL
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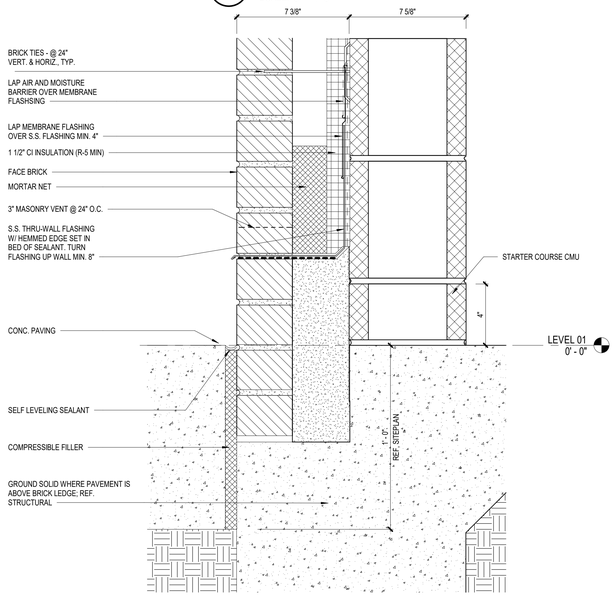
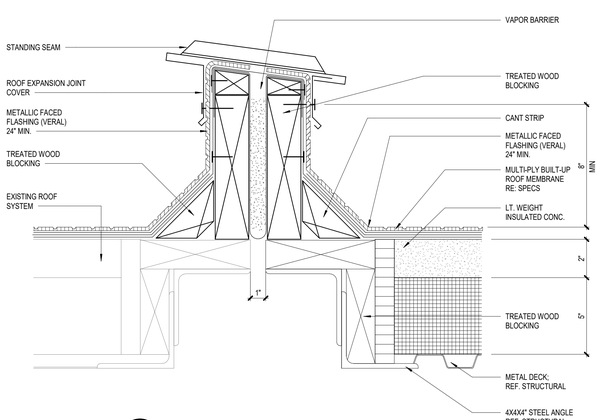


2 BRICK LEDGE DETAIL
SCALE: 3" = 1'-0"



9 TYP. EXPANSION JOINT - DETAIL
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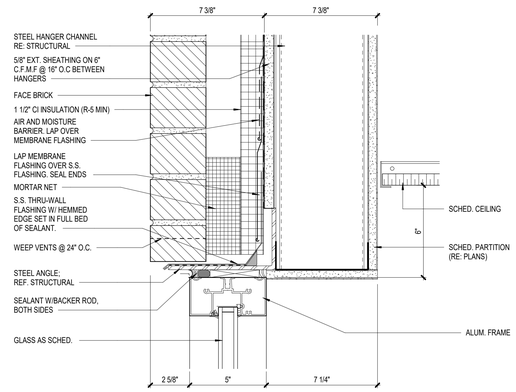

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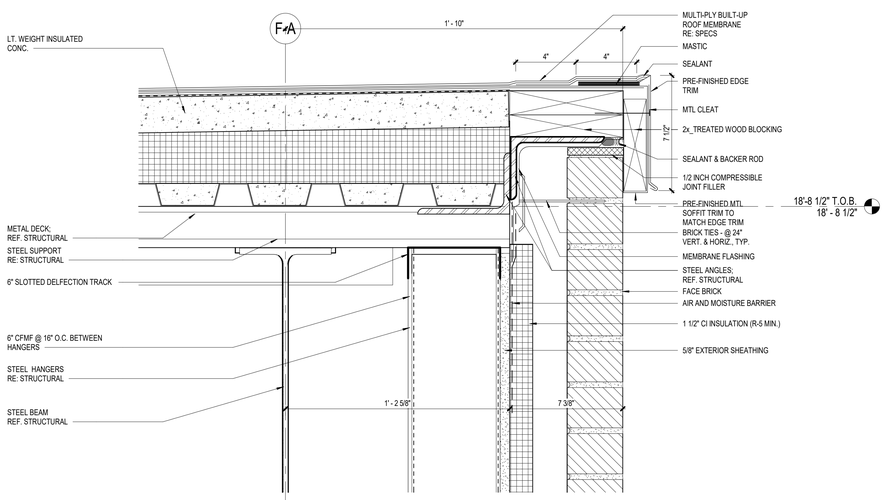

8 ROOF EDGE DETAIL - AUDITORIUM
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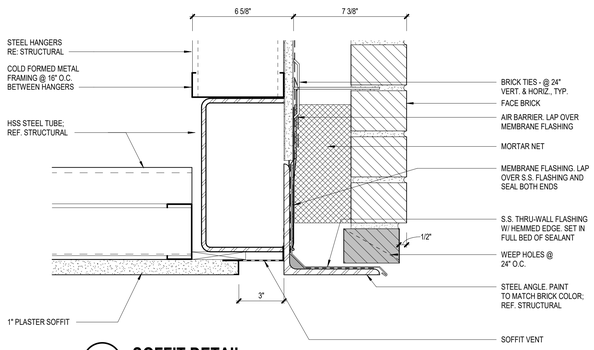

4 SOFFIT DETAIL
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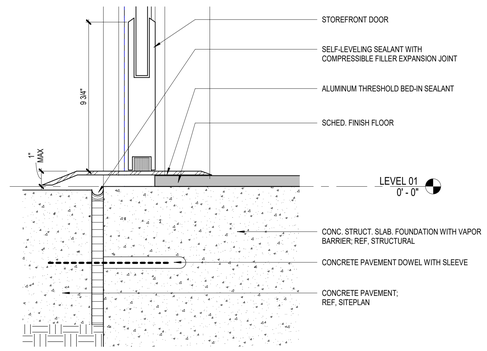

1 DOOR SILL DETAIL
SCALE: 3" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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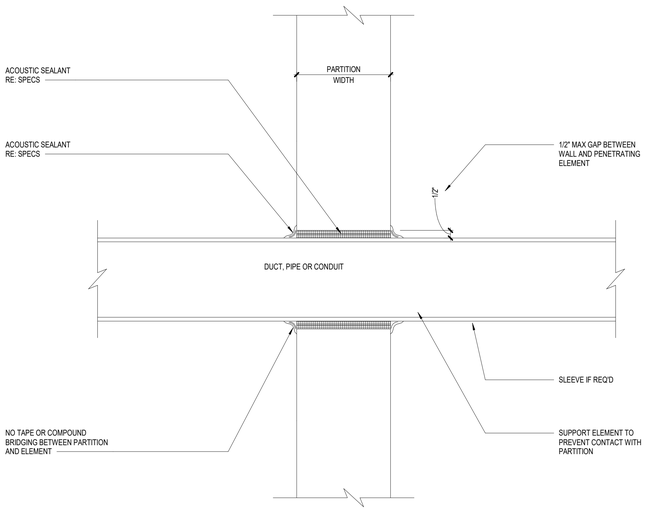
PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

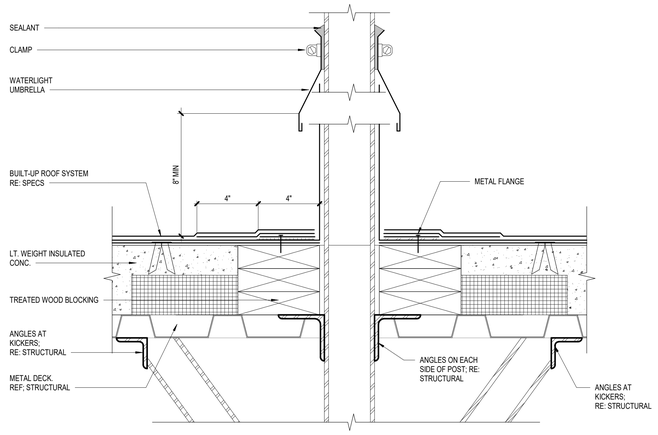
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - EXTERIOR SECTIONS DETAILS

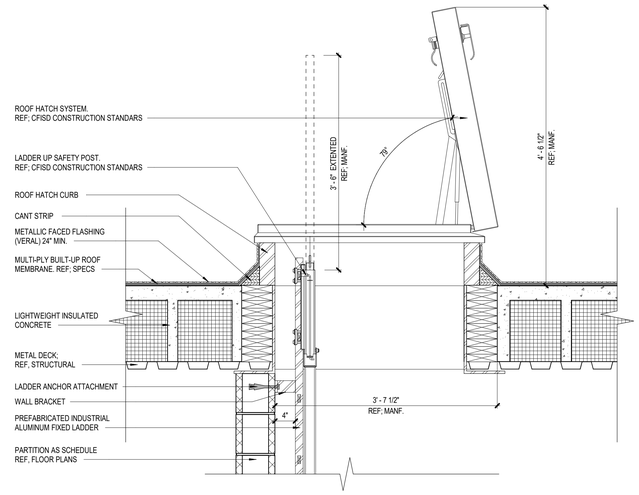
SHEET NUMBER
A-501



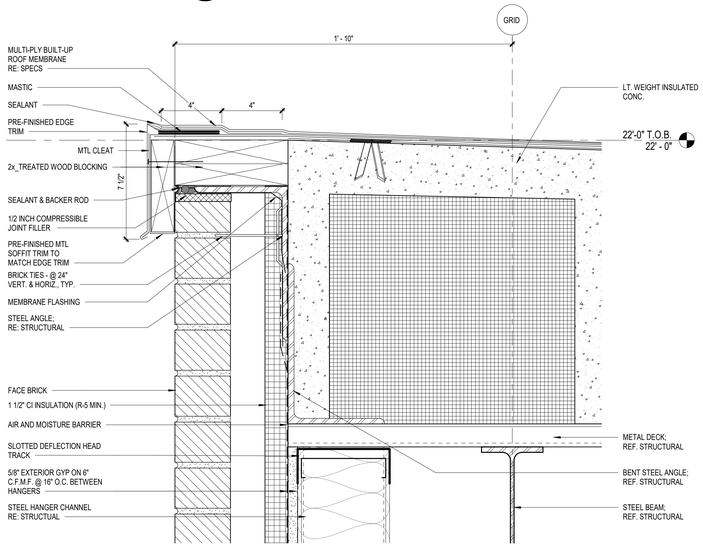
8 PIPE PENETRATION DETAIL @ ACOUSTICAL WALL
SCALE: 3" = 1'-0"



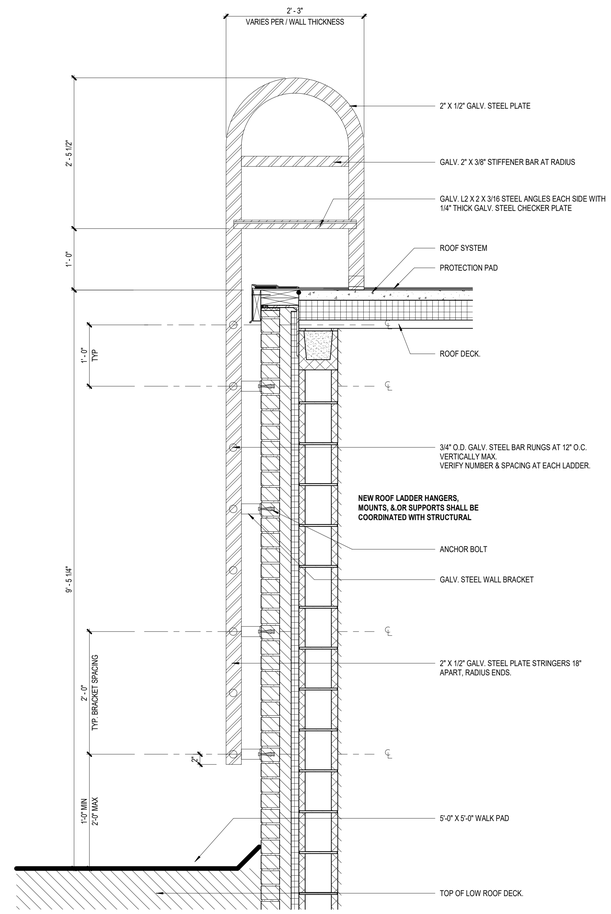
5 EQUIPMENT FRAME ROOF PENETRATION DETAIL
SCALE: 3" = 1'-0"



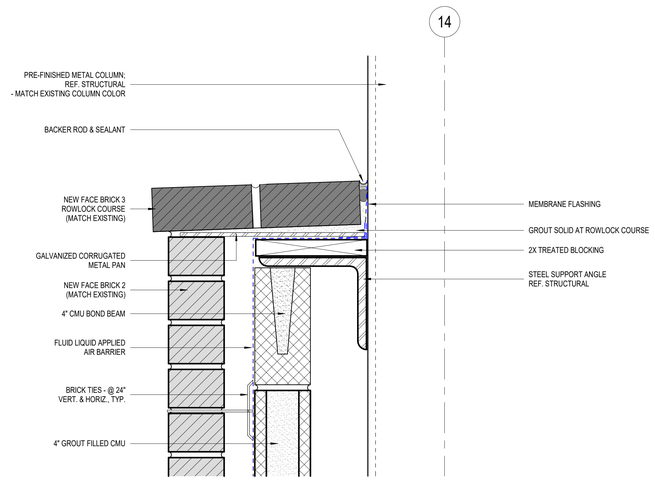
3 ROOF HATCH DETAIL
SCALE: 1" = 1'-0"



7 ROOF EDGE DETAIL - FINE ARTS
SCALE: 3" = 1'-0"



4 ROOF LADDER DETAIL
SCALE: 1" = 1'-0"



2 DETAIL AT CANOPY - UPPER BRICK CL WRAP
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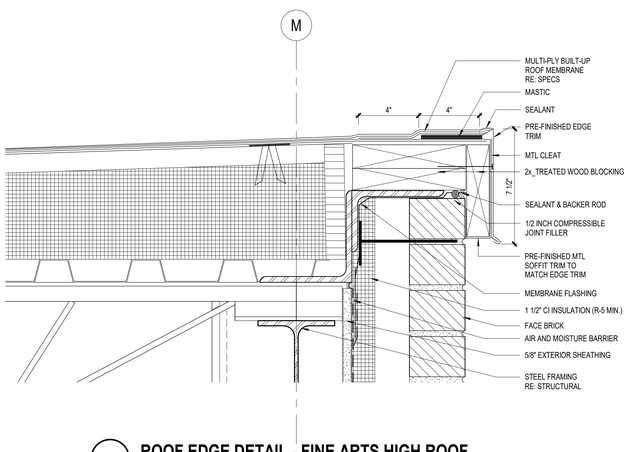
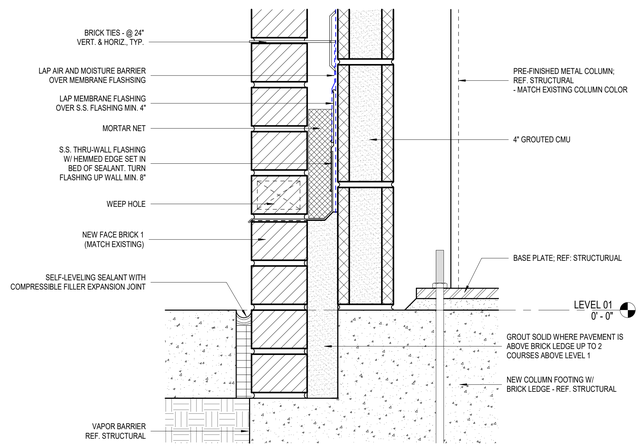


6 ROOF EDGE DETAIL - FINE ARTS HIGH ROOF
SCALE: 3" = 1'-0"



1 DETAIL AT CANOPY - BASE
SCALE: 3" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINCHESTER
17906
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
DJD	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - EXTERIOR SECTIONS AND ROOF DETAILS

SHEET NUMBER
A-502

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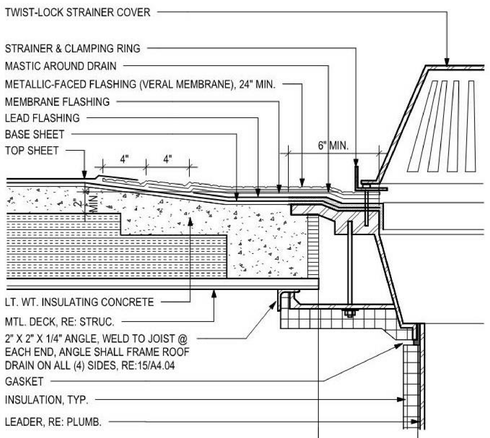
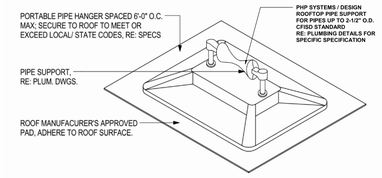
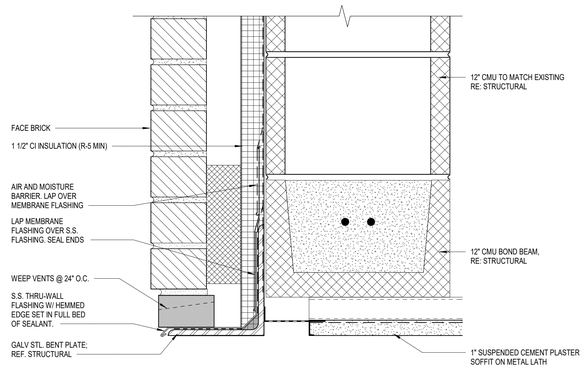


7 TYPICAL ROOF DRAIN INSTALL
SCALE: 3" = 1'-0"

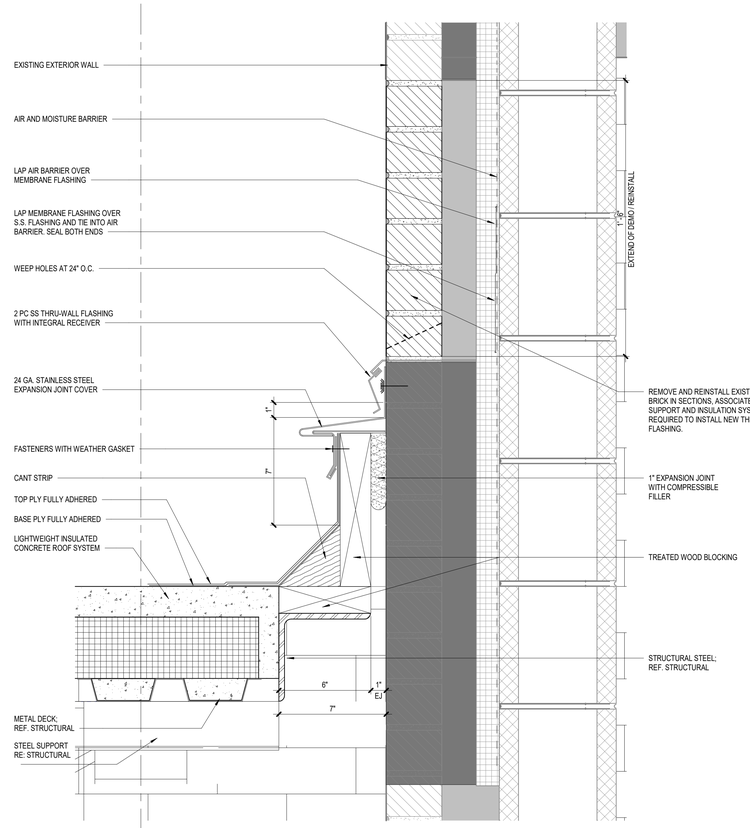


NOTES:
1. GAS PIPING SUPPORT SHOWN IS FOR PIPE SMALLER THAN 2-1/2" IN DIA. THIS DETAIL IS FOR REFERENCE ONLY. REFER TO PLUMBING DWGS. FOR ADDITIONAL INFORMATION
2. FIELD LOCATE ROOF STRUCTURAL SUPPORTS AND PLACE CONCRETE BASE OF PIPE SUPPORT OVER ROOF SUPPORTS ONLY. PROVIDE BASE OF ADEQUATE LENGTH TO SPAN ROOF JOIST TO PREVENT SUPPORTS SETTING ON ROOF DECK ONLY.
3. INSTALL EVERY 6'-0" O.C. AT ALL ROOF PIPING AND CONDUIT. PROVIDE AN EXTRA SUPPORT EACH SIDE OF CORNERS WHERE PIPE CHANGES DIRECTION.
4. PROVIDE 12"X12" WALK PAD UNDER WALK PAD SUPPORT.

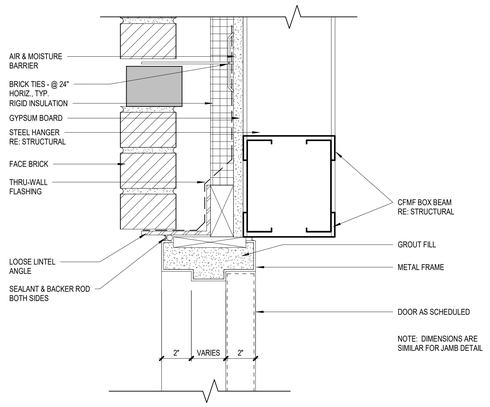
8 TYPICAL ROOF PIPE STAND
SCALE: 1 1/2" = 1'-0"



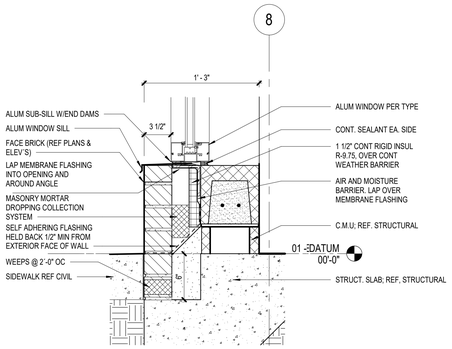
4 SOFFIT DETAIL @ EXTERIOR
SCALE: 3" = 1'-0"



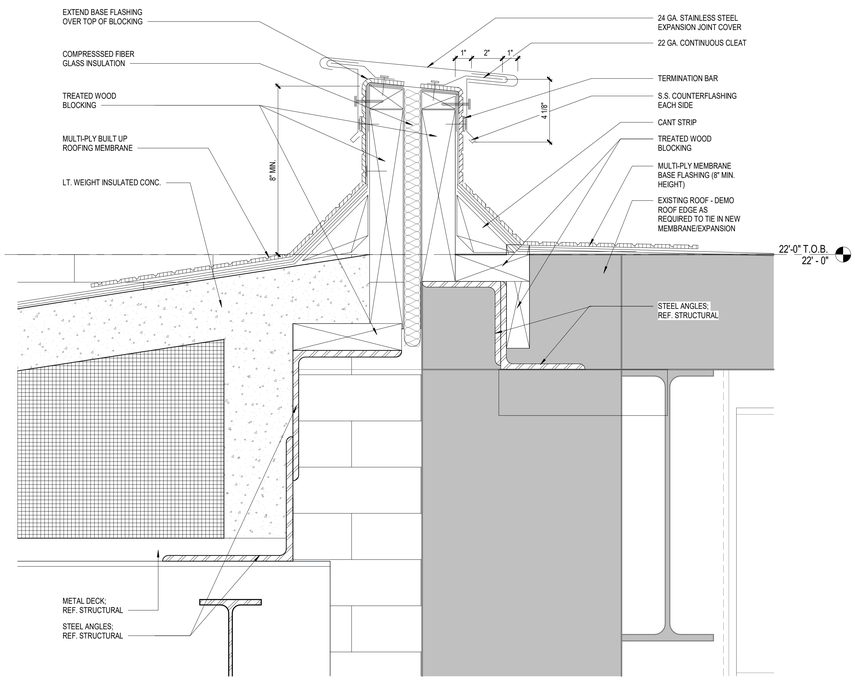
2 ROOF TO WALL EXP. JOINT DETAIL
SCALE: 3" = 1'-0"



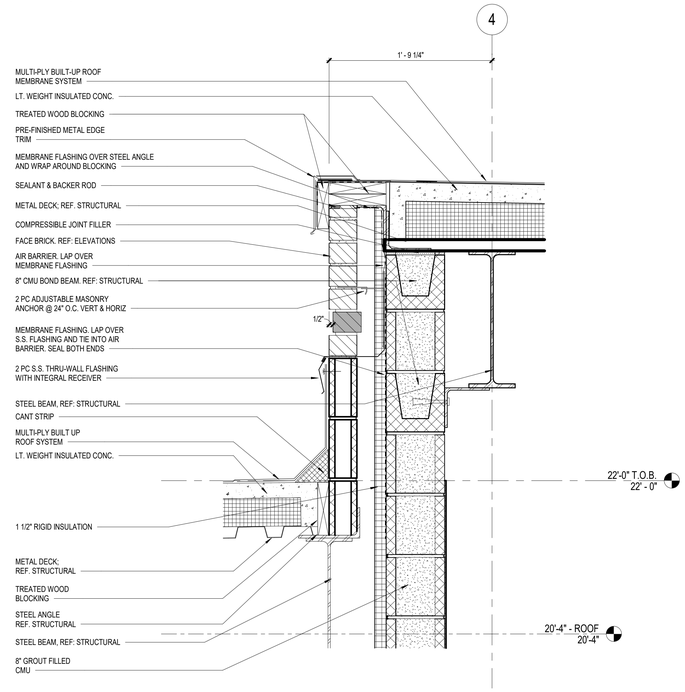
5 HM FRAME HEAD IN CMU
SCALE: 3" = 1'-0"



6 TYP EXT WALL ALUM OPENING SILL DETAIL
SCALE: 1 1/2" = 1'-0"



3 ROOF TO ROOF EXPANSION JOINT DETAIL
SCALE: 3" = 1'-0"



1 TYPICAL ROOF TO WALL SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT MICHAEL WINGATE 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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33AC23221	CFISD
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DJD	Checker

ORIGINAL ISSUE
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SHEET NAME
ARCHITECTURAL - EXTERIOR SECTIONS AND ROOF DETAILS

SHEET NUMBER
A-503

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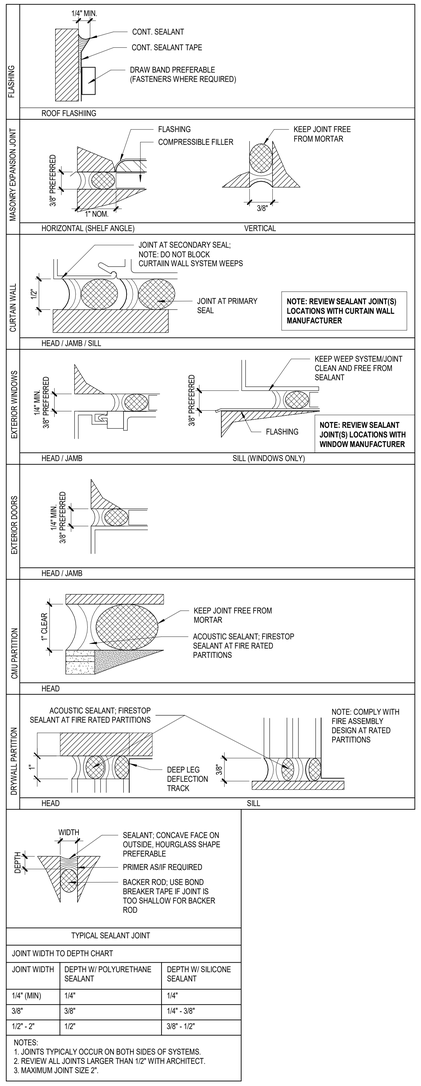


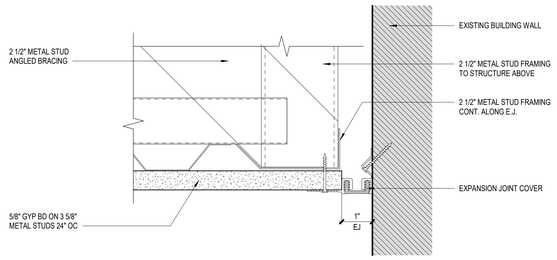
TYPICAL SEALANT JOINT

JOINT WIDTH TO DEPTH CHART

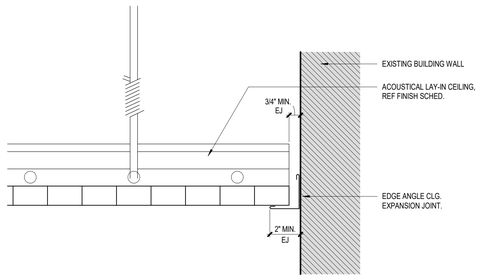
JOINT WIDTH	DEPTH W/ POLYURETHANE SEALANT	DEPTH W/ SILICONE SEALANT
1/4" (MIN)	1/4"	1/4"
3/8"	3/8"	1/4" - 3/8"
1/2" - 2"	1/2"	3/8" - 1/2"

NOTES:
1. JOINTS TYPICALY OCCUR ON BOTH SIDES OF SYSTEMS.
2. REVIEW ALL JOINTS LARGER THAN 1/2" WITH ARCHITECT.
3. MAXIMUM JOINT SIZE 2".

23 TYP. SEALANT JOINT DETAILS
SCALE: 12" = 1'-0"



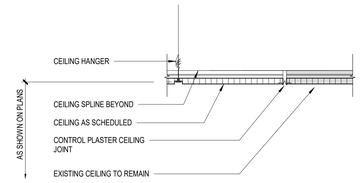
5 GYP BD CEILING TO MANSORY WALL EXISTING BLDG. E.J.
SCALE: 6" = 1'-0"



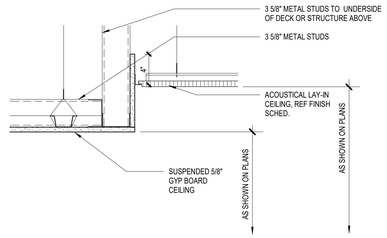
4 ACOUSTICAL CEILING TO EXISTING BLDG WALL E.J.
SCALE: 3" = 1'-0"

RCP DETAIL NOTES

1. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHT AND TYPE.
2. SEE FLOOR PLANS FOR PARTITION TYPES AND PATRITION SCHEDULE FOR PARTITION CONSTRUCTION.
3. SEE SPECIFICATIONS FOR METAL STUD AND GYP. BD. MATERIALS.
4. ALL GYP BOARD EXPOSED CORNERS SHALL RECEIVE CORNER BEADS.



3 ACOUSTICAL CEILING EDGE DETAIL
SCALE: 1 1/2" = 1'-0"



22 CEILING TRANSITION DETAIL
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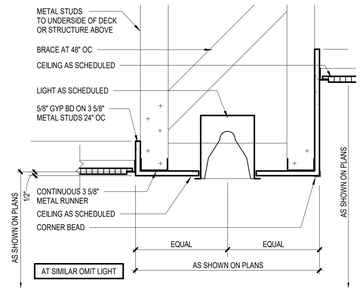

2 LIGHTED FURR DOWN SECTION DETAIL
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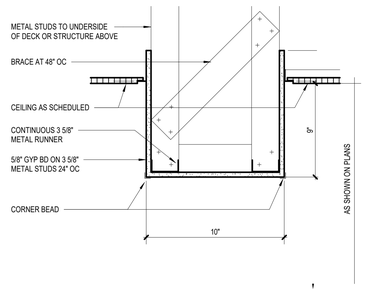

1 FURR DOWN SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

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PROFESSIONAL SEALS

REGISTERED ARCHITECT MICHAEL WINGATE 27908 STATE OF TEXAS
12/9/2024

CLIENT

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SHEET NAME
ARCHITECTURAL - RCP DETAILS

SHEET NUMBER
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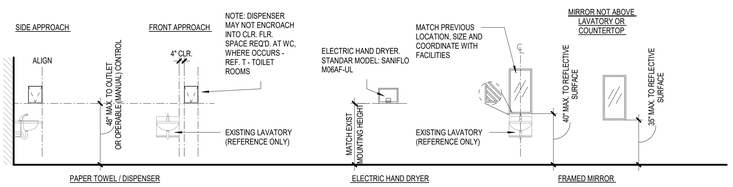

TYPICAL FIXTURES AND ACCESSORIES - MOUNTING HEIGHTS
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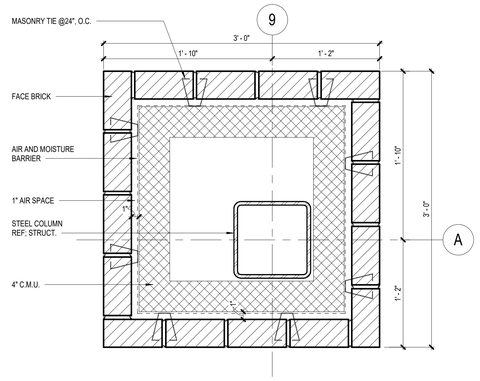

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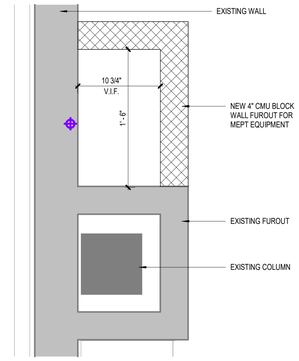

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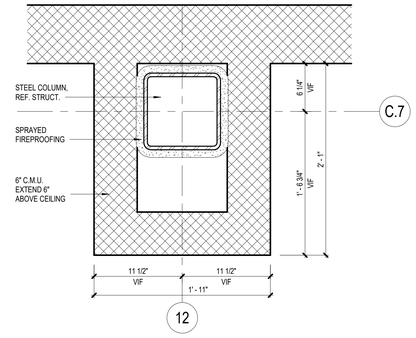

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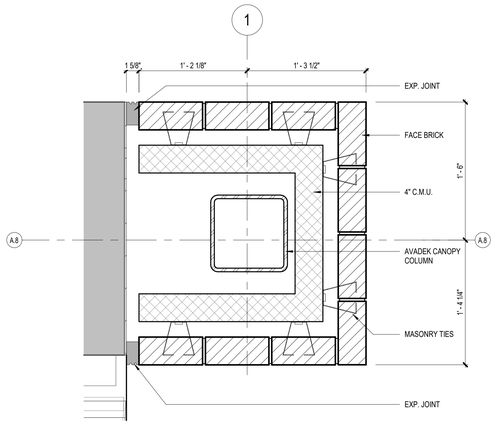

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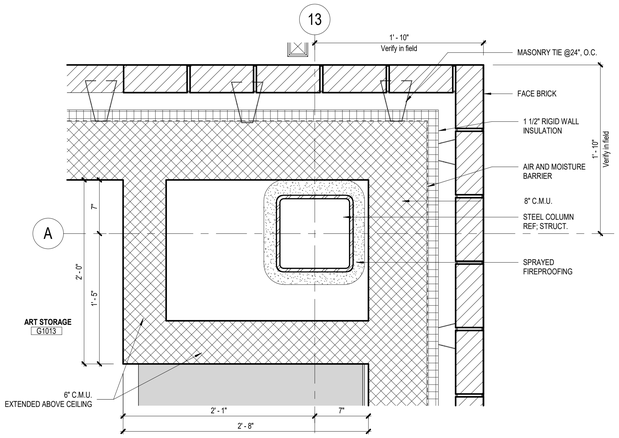

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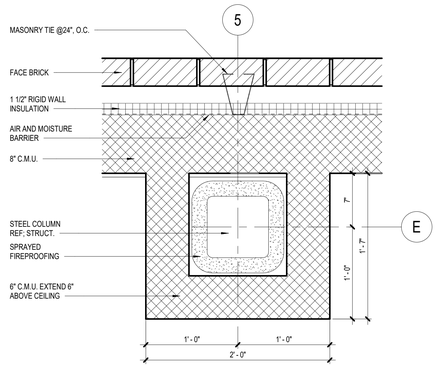

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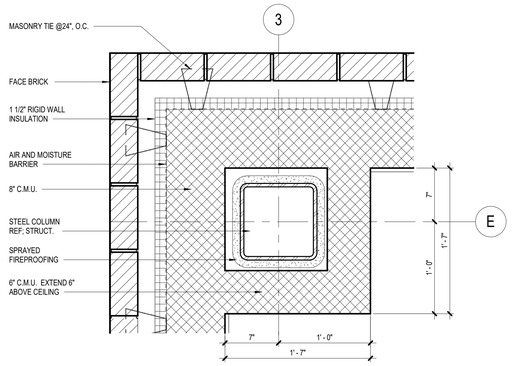

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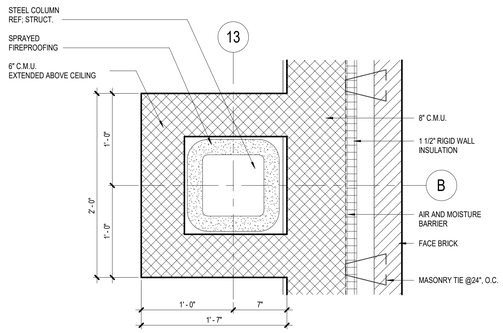

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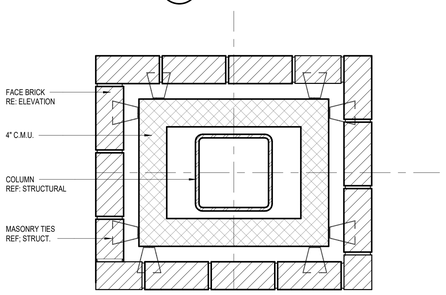

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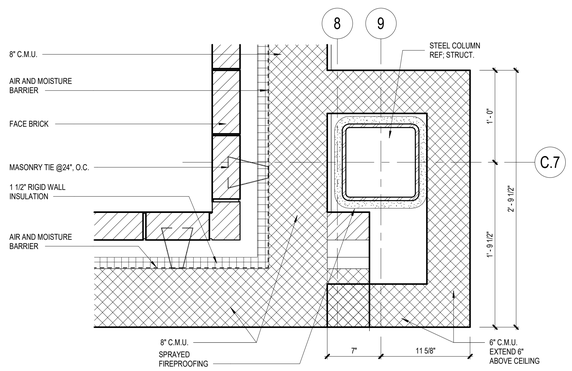

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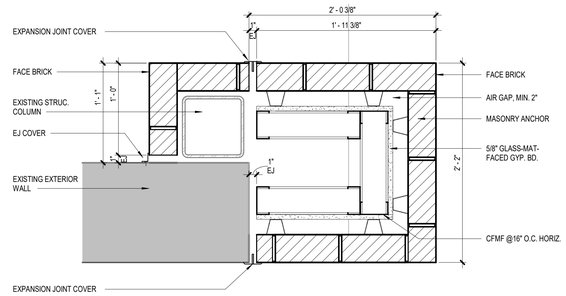

2 PLAN DETAIL
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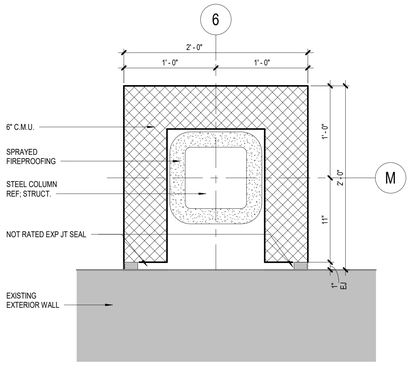

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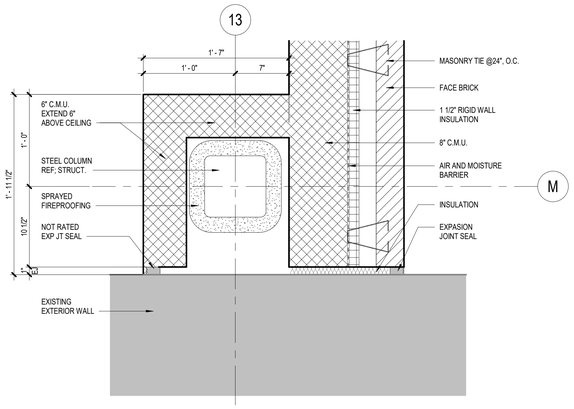

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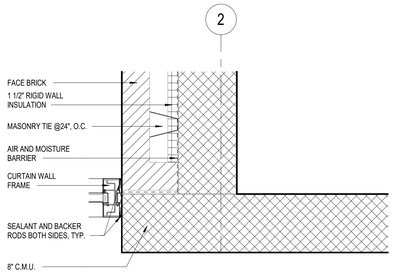

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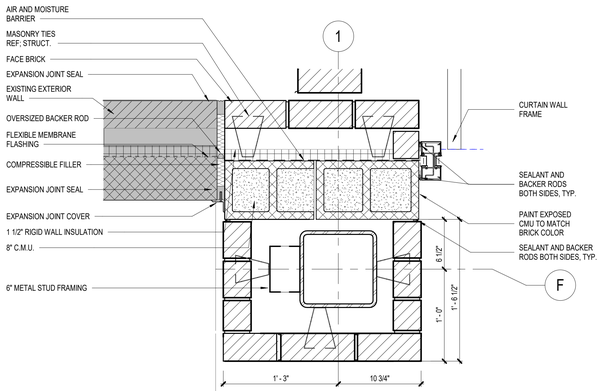

1 PLAN DETAIL
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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT — STATE OF TEXAS — 12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

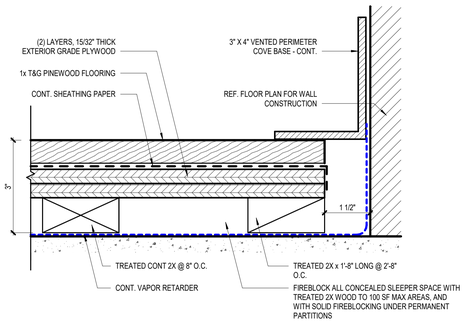
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

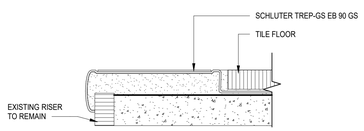
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR/EXTERIOR PLAN DETAILS

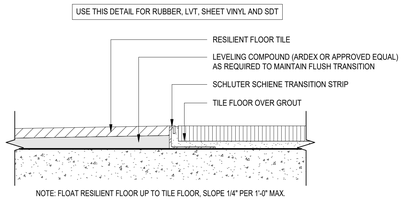
SHEET NUMBER
A-551



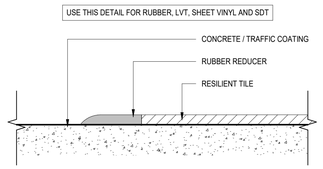
10 BLACK BOX FLOOR @ BASE
SCALE: 6" = 1'-0"



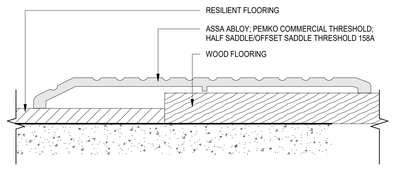
9 TR-9 - STAIR NOSING DTL - TILE W/ SCHLUTER
SCALE: 12" = 1'-0"



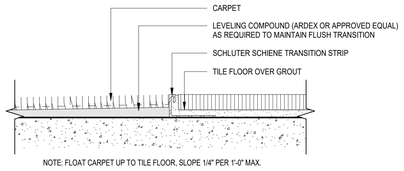
6 TR-6 - FLOOR TRANSITION - TILE TO RESILIENT
SCALE: 12" = 1'-0"



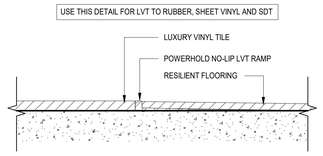
3 TR-3 - FLOOR TRANSITION - RESILIENT TO CONCRETE
SCALE: 12" = 1'-0"



8 TR-8 - ALUMINUM THRESHOLD DTL - WOOD TO RESILIENT
SCALE: 12" = 1'-0"



5 TR-5 - FLOOR TRANSITION - TILE TO CARPET
SCALE: 12" = 1'-0"



2 TR-2 - FLOOR TRANSITION - LVT TO RESILIENT
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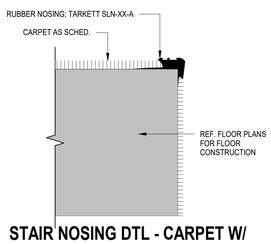
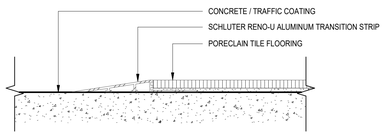


11 STAIR NOSING DTL - CARPET W/ RUBBER
SCALE: 12" = 1'-0"



7 TR-7 - FLOOR TRANSITION - TILE TO CONCRETE
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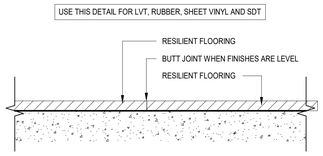
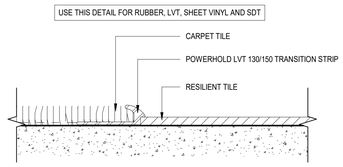


4 TR-4 - FLOOR TRANSITION - RESILIENT TO RESILIENT
SCALE: 12" = 1'-0"



1 TR-1 - FLOOR TRANSITION - CARPET TO RESILIENT
SCALE: 12" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
17. ACCENT PAINT SHALL EXTEND HORIZONTALLY FROM INSIDE CORNER TO INSIDE CORNER ALONG WALL. CONTINUE ACCENT PAINT ACROSS FURR-DOWNS AND BULKHEADS ONLY IF THEY ARE IN THE SAME PLANE AS THE ACCENT WALL.
18. CAULKING AND SEALANT SHALL MATCH SURFACE TO WHICH IT IS APPLIED, UNO. SUBMIT COLOR CHART FOR ARCHITECT'S SELECTION. WHERE TWO DIFFERENT MATERIALS/COLORS ALIGN IN THE SAME PLANE, MATCH THE DARKER COLOR.
19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

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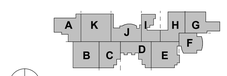
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - TRANSITION DETAILS

SHEET NUMBER
A-552

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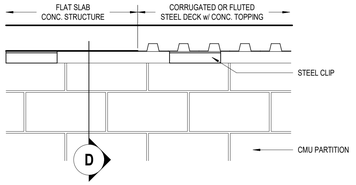
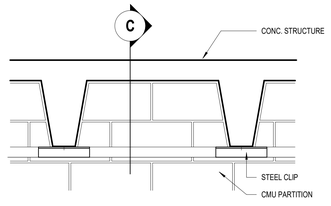
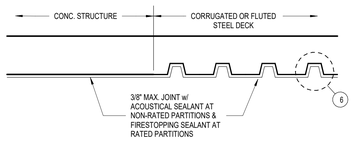


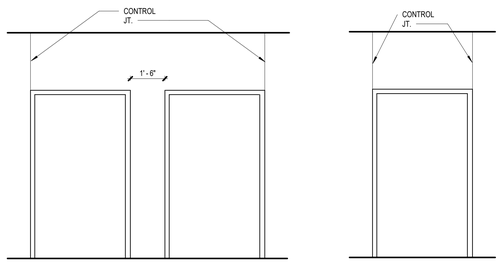
A ELEV. OF TOP ANCHORAGE OF CMU PARTITION
SCALE: 3" = 1'-0"



B ELEV. OF TOP ANCHORAGE OF CMU PARTITION @ CONC. JOIST
SCALE: 3" = 1'-0"



3 TOP ANCHORAGE OF PARTITION (ELEVATION)
SCALE: 1 1/2" = 1'-0"



2 DOORS IN PAIR
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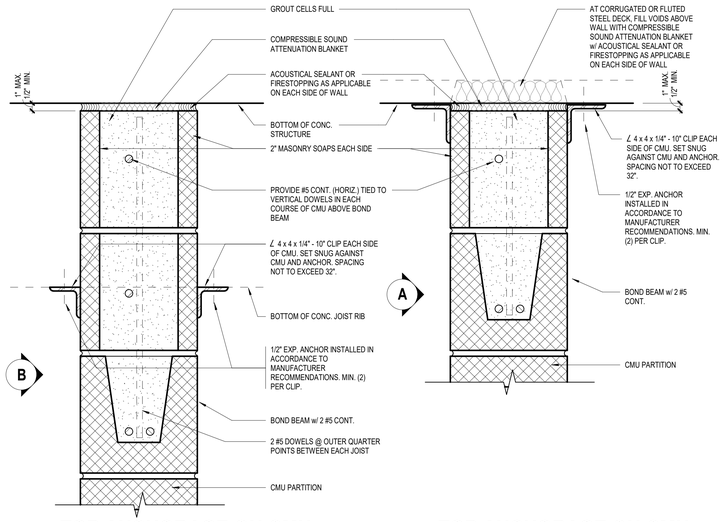

A TOP ANCHORAGE ON CMU PARTITION PERP. TO CONC. JOIST
SCALE: 3" = 1'-0"

B TOP ANCHORAGE ON CMU PARTITION @ CONC. STRUCT. OR STL. STRUCT.
SCALE: 3" = 1'-0"

1 CMU PARTITION - ANCHORAGE DETAILS
SCALE: 3" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINGATE
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STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

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7900 North Eldridge Parkway
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DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

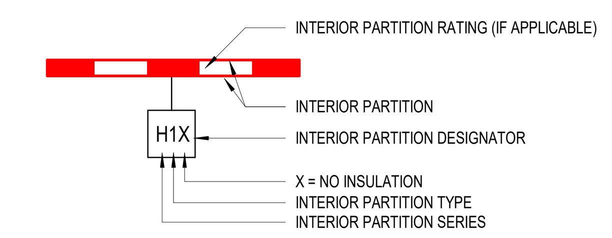
SHEET NAME

ARCHITECTURAL WALL PARTITION DETAILS

SHEET NUMBER

A-602

INTERIOR GRAPHIC LEGEND



PARTITION GRAPHIC LEGEND

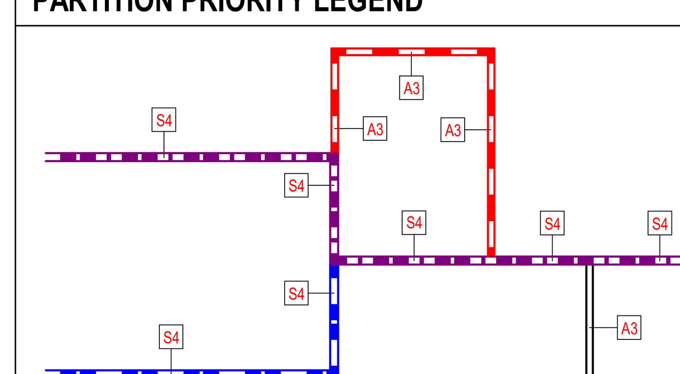
PARTITION NOTES

1. PROVIDE NONSTRUCTURAL METAL STUD FRAMING USING STUD DEPTHS AND SPANS AS DESIGNATED FOR EACH PARTITION TYPE. DESIGN FRAMING, BRACING AND BRIDGING [IN CONFORMANCE WITH SPECIFIED PERFORMANCE CRITERIA, LIMITING DEFLECTION TO NO GREATER THAN 1/240 OF THE WALL HEIGHT BASED ON INTERIOR LOADING, NO LESS THAN 5 PSF INTERIOR LIVE LOAD.
2. USE L/360 DEFLECTION CRITERIA FOR SELECTION AND SPACING OF METAL STUD FRAMING WHERE TILE, PLASTER, OR OTHER CEMENTITIOUS APPLIED FINISHES ARE INDICATED. DO NOT CHANGE STUD THICKNESS, SPACING, HEIGHT LIMITS OR OTHER ASPECTS OF TESTED ASSEMBLIES THAT COULD REDUCE ACOUSTICAL OR FIRE-RESISTIVE PERFORMANCE.
3. WALLS OR PARTITIONS THAT REQUIRE FIRE, SMOKE, OR FIRE/SMOKE RATINGS ARE INDICATED ON THE FLOOR PLANS BY A GRAPHIC PATTERN IN THE CENTER OF THE WALL. REFER TO GRAPHIC LEGEND ON THIS SHEET FOR SMOKE PARTITION INDICATORS, AND FOR RATINGS OF FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, HORIZONTAL ASSEMBLIES, AND COMBINATION FIRE/SMOKE BARRIERS.
4. WHERE A FIRE OR ACOUSTICAL RATING IS INDICATED FOR A PARTITION TYPE, THE CORRESPONDING NRTL DESIGN NUMBER, FIRE RATING IN HOURS, AND APPLICABLE SOUND TRANSMISSION COEFFICIENT (STC) IS INDICATED IN THE TABLE BELOW THE PARTITION SERIES DETAIL DRAWING.
5. TYPE DESIGNATORS FOR NONSTRUCTURAL INTERIOR PARTITIONS ARE SHOWN ON THE BUILDING FLOOR PLAN(S). REFER TO 'INTERIOR PARTITION TAGS' THIS SHEET FOR DESIGNATOR (TAG) SYMBOL.
6. RATED EXTERIOR ENVELOPE AND FIRE WALL CONSTRUCTION IS NOT DETERMINED BY PARTITION TYPE DESIGNATORS (TAGS). REFER TO WALL SECTIONS AND OTHER DRAWING DETAILS FOR FIRE-RATED EXTERIOR AND FIRE WALL ASSEMBLIES.
7. SEAL THE ENTIRE PERIMETER, EXPANSION AND CONTROL JOINTS, AND ALL PENETRATIONS OF FULL-HEIGHT PARTITIONS (EXTENDING FROM FLOOR TO UNDERSIDE OF DECK ABOVE) WITH APPROVED SMOKE/ACOUSTICAL SEALANT, THROUGH-PENETRATION OR JOINT FIRESTOP SYSTEMS AS APPLICABLE TO MAINTAIN DESIGNATED ACOUSTICAL, SMOKE, FIRE, OR SMOKE/FIRE RATINGS.
8. CONSTRUCT CONTROL AND EXPANSION JOINTS IN NON-FIRE-RATED INTERIOR PARTITIONS USING ACOUSTIC BATT INSULATION WITHIN EACH JOINT TO RESIST SOUND TRANSMISSION AND PREVENT SOUND FLANKING. REFER TO DETAILS IN THE CURRENT EDITION OF GYPSUM ASSOCIATION GA-600, FIRE RESISTANCE AND SOUND CONTROL DESIGN MANUAL. OTHER ACOUSTICAL ASSEMBLIES AND DETAILS MAY BE ACCEPTED WHERE CERTIFIED BY A NRTL AND SUBMITTED TO ARCHITECT FOR APPROVAL.
9. WHERE DRYWALL PARTITIONS ARE DESIGNATED TO RECEIVE CERAMIC OR PORCELAIN TILE, QUARRY TILE, TERRAZZO OR SIMILAR APPLIED FINISHES, PROVIDE CEMENT BOARD OR TILE BACKER BOARD OF EQUAL THICKNESS TO THE GYPSUM BOARD LAYER(S) INDICATED IN THE PARTITION SERIES DETAIL DRAWING. PROVIDE TILE BACKING PRODUCTS WITH EQUAL OR BETTER ACOUSTICAL AND FIRE-RESISTIVE PERFORMANCE WHEN TESTED AS PART OF THE SPECIFIED PARTITION DESIGN.
10. DO NOT ALTER FIRE-RESISTANT OR ACOUSTICALLY-RATED PARTITIONS BY APPLICATION OF FINISHES IN A MANNER THAT MAY REDUCE THE REQUIRED PERFORMANCE OF THE PARTITION ASSEMBLY.
11. SPACE METAL STUDS IN PARTITIONS AT 16" O.C. MAXIMUM, UNLESS DIFFERENT SPACING IS REQUIRED FOR ACOUSTICAL OR FIRE-RESISTIVE PERFORMANCE OF TESTED ASSEMBLY.
12. WHERE HORIZONTAL RESILIENT CHANNELS OR FURRING CHANNELS ARE INDICATED, PROVIDE VERTICAL SPACING AT 24" O.C. MAXIMUM, WITH TOP AND BOTTOM CHANNELS PLACED NO MORE THAN 4" BELOW TOP AND ABOVE BOTTOM OF MATERIALS TO BE FASTENED TO CHANNELS, UNLESS DETAILED OTHERWISE.
13. PROVIDE CONTINUOUS STEEL STUDS WITHOUT SPLICING FOR THE FULL SPAN INDICATED. IF SPAN REQUIRES SPLICING, SUBMIT SPLICE DETAIL AND STRUCTURAL DATA FOR EVALUATION AND APPROVAL PRIOR TO CONSTRUCTION. ALLOW FOR DEFLECTION OF FLOORS AND ROOF DECK ABOVE BY MEANS OF DEFLECTION TRACK, CLIPS, OR OTHER APPROVED METHOD.
14. UNLESS DIFFERENT THICKNESS IS REQUIRED FOR FIRE RESISTANCE OR ACOUSTICAL PERFORMANCE, PROVIDE 5/8" THICK GYPSUM BOARD FOR ALL INTERIOR PARTITIONS.
15. PARTITION TYPE REFERENCES DO NOT INCLUDE THE APPLIED FINISHES INDICATED BY THE ROOM FINISH REFERENCE AND ROOM FINISH SCHEDULE.
16. APPLIED FINISHES ARE NOT SHOWN ON PARTITION SERIES DETAIL DRAWINGS. REFER TO FINISH PLANS AND ROOM FINISH SCHEDULES FOR APPLIED FINISHES.
17. INSTALL DOUBLE 20 GA. STUDS AT ALL OPENINGS, HEADS, SILLS, JAMBS UNLESS NOTED OTHERWISE AT MINIMUM.
18. MAINTAIN RATING OF FIRE-RATED WALLS AND PARTITIONS CONTAINING RECESSED EQUIPMENT, OUTLET BOXES, ALCOVES AND OTHER MEMBRANE PENETRATIONS USING APPROVED FIRESTOPPING METHODS, DETAILS AND LISTED MATERIALS.
19. FOLLOW APPROVED DETAILS FOR CONDITIONS WHERE FIRE RATED PARTITIONS ABUT OR ATTACH TO FIREPROOFED STRUCTURAL MEMBERS. DO NOT DAMAGE FIREPROOFING OR REDUCE PROTECTION FOR STRUCTURAL MEMBERS OR RATED PARTITIONS.
20. PROVIDE ASTM-C 840 LEVEL 1 FINISH FOR ALL CONCEALED SPACES, WALLS ABOVE CEILINGS, AND OTHER NON-EXPOSED DRYWALL SURFACES.
21. INSTALL SOUND ATTENUATION BLANKETS CONTINUOUS FOR THE FULL HEIGHT AND FULL WIDTH OF PARTITIONS INDICATED TO RECEIVE ACOUSTIC INSULATION.
22. THE ABBREVIATION "SIM" (SIMILAR) ADJACENT TO A PARTITION TYPE TAG OR DETAIL REFERENCE INDICATES A MINOR VARIATION IN CONFIGURATION, ORIENTATION, ATTACHMENT, OR EXTENT, BUT RETAINING ALL REQUIRED PROPERTIES, RATINGS, PERFORMANCE ASPECTS OF THE ORIGINAL TYPE OR DETAIL. VARIANCES OR DEVIATIONS FROM LISTED FIRE-RATED OR STC-RATED ACOUSTICAL ASSEMBLIES REQUIRE A DOCUMENTED ENGINEERING JUDGMENT AND APPROVAL FROM THE ARCHITECT.

REFERENCES

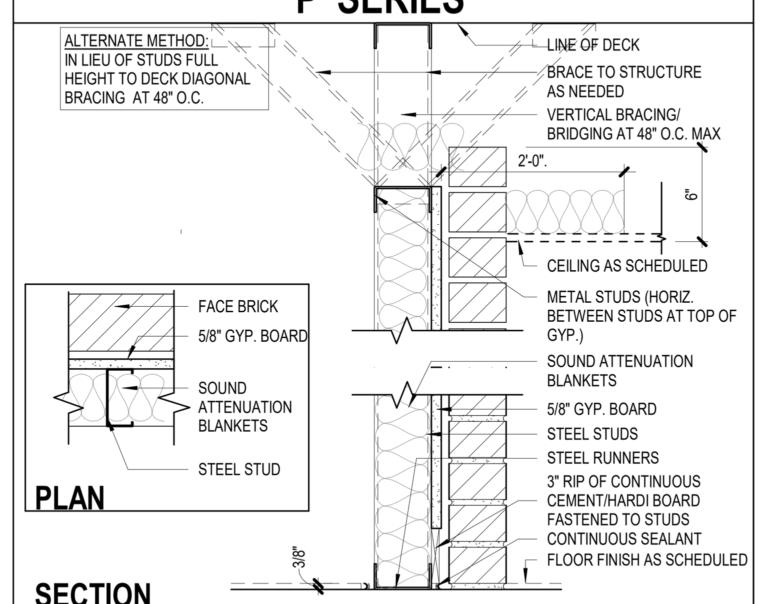
1. SSMA - STEEL STUD MANUFACTURERS ASSOCIATION, "2015 SSMA Product Technical Guide,"
2. SFIA - STEEL FRAMING INDUSTRY ASSOCIATION, "2015 TECHNICAL GUIDE FOR COLD-FORMED STEEL FRAMING,"
3. ASTM - ASTM INTERNATIONAL DESIGNATION C754-20, "STANDARD SPECIFICATION FOR INSTALLATION OF STEEL FRAMING MEMBERS TO RECEIVE SCREW-ATTACHED GYPSUM PANEL PRODUCTS."
4. GA - GYPSUM ASSOCIATION, "FIRE RESISTIVE DESIGN MANUAL," 23rd EDITION GA-600-2021.
5. UL - UNDERWRITER'S LABORATORIES, "BUILDING MATERIALS, FIRE PROTECTION, ROOFING MATERIALS AND SYSTEMS AND FIRE RESISTANCE DIRECTORIES (4 VOLUMES)," CURRENT EDITION.
6. WHI-WARNOCK HERSEY MARK DIRECTORY
7. ICBO- ICBO EVALUATION SERVICES, INC. EVALUATION REPORT No. 3579
8. SAFB- MANUFACTURER THERMAFIBER PRODUCT: SOUND ATTENUATION FIRE BLANKET.

PARTITION PRIORITY LEGEND



PARTITION	PRIORITY
4 - HOUR FIRE PARTITION	PRIORITY 1 - HIGHEST
2 - HOUR FIRE/SMOKE PARTITION	PRIORITY 2
2 - HOUR FIRE PARTITION	PRIORITY 3
1 - HOUR FIRE/SMOKE PARTITION	PRIORITY 4
1 - HOUR FIRE PARTITION	PRIORITY 5
1 - HOUR SMOKE BARRIER PARTITION	PRIORITY 6
NON-RATED PARTITION	PRIORITY 7 - LOWEST

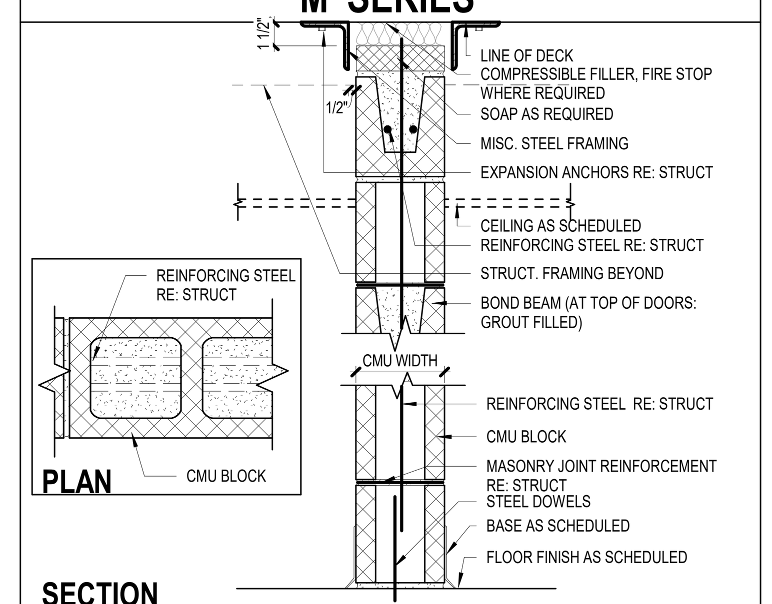
'P' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
P1	1 5/8"	2 7/8"	6'- 11"	8' - 2"	N / A	-	1 1/2"	-
P2	2 1/2"	3 3/4"	9' - 7"	11' - 3"	N / A	-	2 1/2"	-
P3	3 5/8"	4 7/8"	12' - 4"	14' - 11"	N / A	-	3 1/2"	-
P4	4"	5 1/4"	13' - 0"	16' - 2"	N / A	-	3 1/2"	-
P6	6"	7 1/4"	15' - 9"*	21' - 7"	N / A	-	3 1/2"	-

LIMITING HEIGHTS BASED ON SSMA/SFIA; L/240; 5 PSF
*ADD WEB STIFFENERS

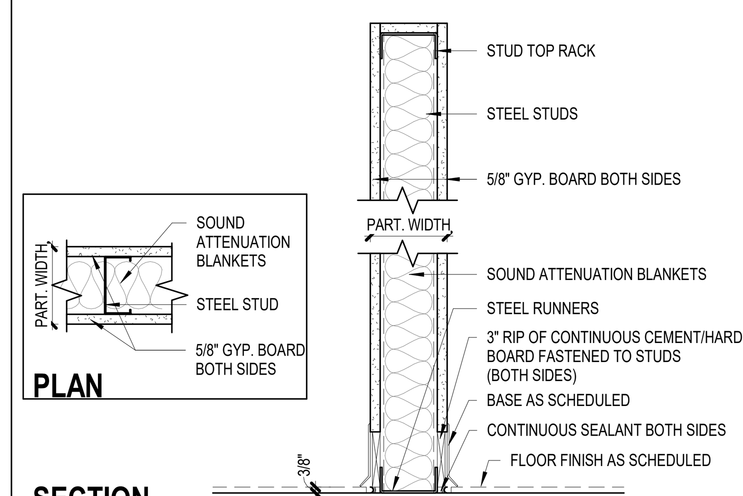
'M' SERIES



TYPE	CMU WIDTH	HEIGHT	2 OR 3 HOUR DESIGN NO.	MIN. STC GROUT	MIN. STC HOLLOW
M4	3 5/8" (4" NOMINAL)	RE: STRUCT	UL-U906 (2-HR)	45	40
M6	5 5/8" (6" NOMINAL)	RE: STRUCT	UL-U906 (2-HR)	45	40
M8	7 5/8" (8" NOMINAL)	RE: STRUCT	UL-U905 (2- HR)	50	45
M10	9 5/8" (10" NOMINAL)	RE: STRUCT	UL-U904 (3-HR)	55	45
M12	11 5/8" (12" NOMINAL)	RE: STRUCT	UL-U904 (3-HR)	60	45

SOME WALLS ARE FULLY GROUTED.

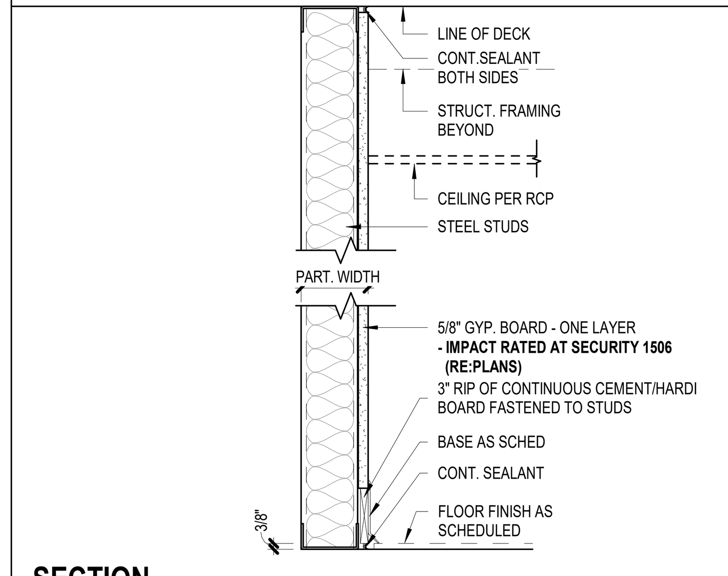
'K' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	1 HOUR DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
K1	1 5/8"	2 7/8"	8'- 4"	9' - 2"	-	-	1 1/2"	-
K2	2 1/2"	3 3/4"	11' - 3"	12' - 1"	-	-	2 1/2"	-
K3	3 5/8"	4 7/8"	14' - 4"	15' - 8"	-	-	3 1/2"	-
K4	4"	5 1/4"	15' - 4"	17' - 6"	-	-	3 1/2"	-
K6	6"	7 1/4"	19' - 9"	23' - 2"	-	-	3 1/2"	-
K8	8"	9 1/4"	-	-	-	-	3 1/2"	-

LIMITING HEIGHTS BASED ON ASTM; L/240; 5 PSF

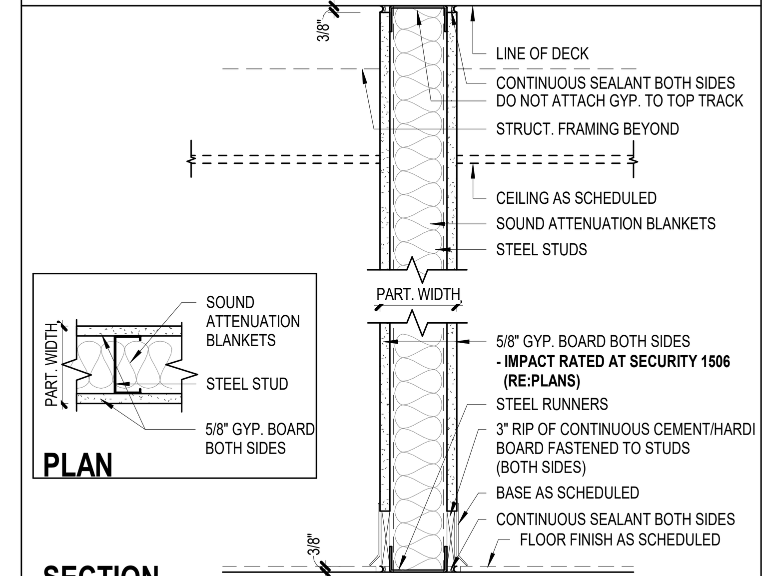
'G' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
G1	1 5/8"	2 1/4"	6'- 11"	8' - 2"	N/A	-	1 1/2"	-
G2	2 1/2"	3 1/8"	9' - 7"	11' - 3"	N/A	-	2 1/2"	-
G3	3 5/8"	4 1/4"	12' - 4"	14' - 11"	N/A	-	3 1/2"	-
G4	4"	4 5/8"	13' - 0"	16' - 2"	N/A	-	3 1/2"	-
G6	6"	6 5/8"	15' - 9"*	21' - 7"	N/A	-	3 1/2"	-

LIMITING HEIGHTS BASED ON SSMA / SFIA; L/240; 5 PSF
* ADD WEB STIFFENERS

'A' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	1 HOUR DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
A1	1 5/8"	2 7/8"	8'- 4"	9' - 2"	GA-WP 1340	40	1 1/2"	35
A2	2 1/2"	3 3/4"	11' - 3"	12' - 1"	UL-U494	40	2 1/2"	40
A3	3 5/8"	4 7/8"	14' - 4"	15' - 8"	UL-U465	40	3 1/2"	40
A4	4"	5 1/4"	15' - 4"	17' - 6"	UL-U465	40	3 1/2"	40
A6	6"	7 1/4"	19' - 9"	23' - 2"	UL-U465	40	3 1/2"	40
A8	8"	9 1/4"	-	-	UL-U465	-	3 1/2"	-

LIMITING HEIGHTS BASED ON ASTM; L/240; 5 PSF

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT · JUSTIN LANE WINCHESTER · 21908 · STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER: 33AC23221
ABBREVIATION: CFISD
DRAWN BY: Author
CHECKED BY: Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - PARTITION SCHEDULE

SHEET NUMBER
A-601

VER 1.04 12/19/2012

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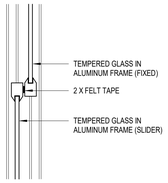
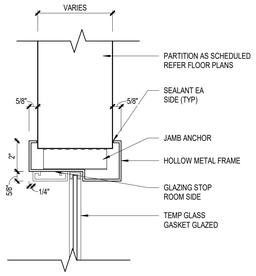
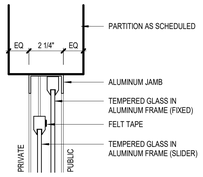


13 SLIDING WINDOW INTERMEDIATE JAMB
SCALE: 3" = 1'-0"



11 HM GLAZING FRAME HEAD / JAMB
SCALE: 3" = 1'-0"



8 SLIDING WINDOW JAMB
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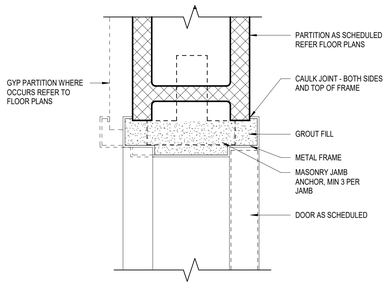
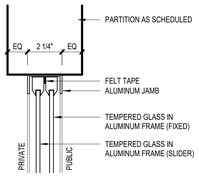
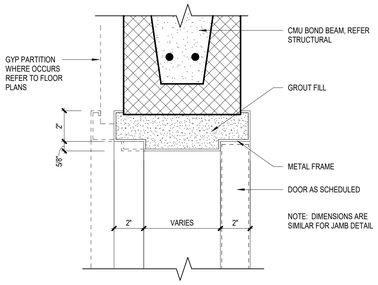


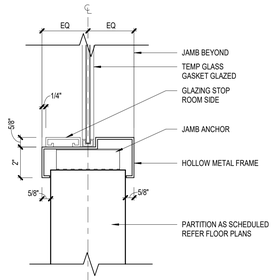
10 HM FRAME JAMB IN CMU
SCALE: 3" = 1'-0"



7 SLIDING WINDOW HEAD
SCALE: 3" = 1'-0"



9 HM FRAME HEAD IN CMU
SCALE: 3" = 1'-0"



6 HM GLAZING FRAME SILL
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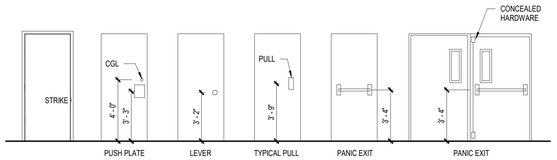
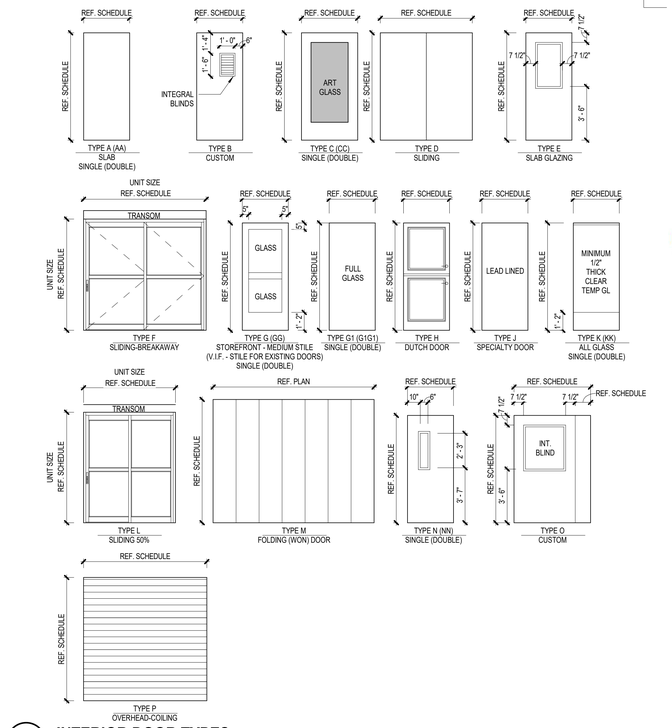
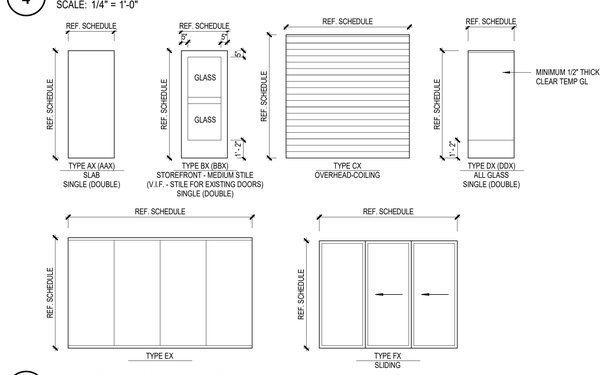


5 HARDWARE MOUNTING HEIGHTS
SCALE: 1/4" = 1'-0"



4 INTERIOR DOOR TYPES
SCALE: 1/4" = 1'-0"



3 EXTERIOR DOOR TYPES
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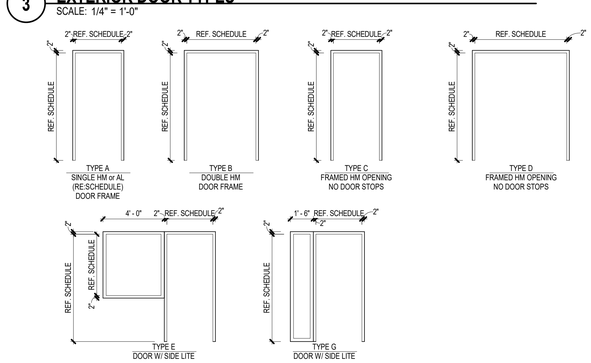
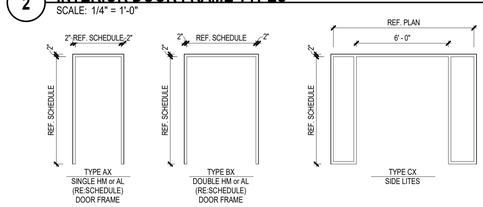


2 INTERIOR DOOR FRAME TYPES
SCALE: 1/4" = 1'-0"



1 EXTERIOR DOOR FRAME TYPES
SCALE: 1/4" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT — STATE OF TEXAS — 12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - DOOR / FRAME ELEVATIONS AND DETAILS

SHEET NUMBER
A-611

FILE PATH: Autodesk Docs:///33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
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ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1&2 - AREA A

				From Room		To Room		Door					AAOS	Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	Shared HW Set	Type	Material	STC	Comments
LEVEL 01	A	A101A	EXIST (AA)	AUXILIARY GYMNASIUM	1120	LOBBY	1128	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	A	A101B	EXIST (AA)	AUXILIARY GYMNASIUM	1120	LOBBY	1128	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	A	A101C	EXIST (AA)	AUXILIARY GYMNASIUM	1120	CORRIDOR	1130	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	A	B101-1A	EXIST (BBX)	CORRIDOR	B101			6' - 0"	7' - 6"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	35.0	EXISTING	ALUM		
LEVEL 01	A	B101-1B	EXIST (BBX)	CORRIDOR	B101			6' - 0"	7' - 6"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	48.0	EXISTING	ALUM		CR, P
LEVEL 01	A	B101-2	EXIST (AA)	CORRIDOR	1130	CORRIDOR	B101	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	180 MIN	35.0	EXISTING	HM		
LEVEL 01	A	B101A	EXIST (A)	WEIGHT RM	1118	CORRIDOR	B103	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	45.0	EXISTING	HM		P
LEVEL 01	A	B101B	EXIST (A)	WEIGHT RM	1118	CORRIDOR	B103	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	39.0	EXISTING	HM		P
LEVEL 01	A	B102A	EXIST (A)	FOUNDATION OF PERSONAL FITNESS	1117	CORRIDOR	B103	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	45.0	EXISTING	HM		P
LEVEL 01	A	B102B	EXIST (A)	FOUNDATION OF PERSONAL FITNESS	1117	CORRIDOR	1130	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	39.0	EXISTING	HM		P
LEVEL 01	A	B103A	EXIST (A)	CORRIDOR	B103	CORRIDOR	1130	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	36.0	EXISTING	HM		
LEVEL 01	A	B103B	EXIST (AX)	CORRIDOR	B103			3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	NR		EXISTING	HM		CR, P
LEVEL 01	A	B104	EXIST (A)	MEN´S RESTROOM	B105	MEN´S LOCKER RESTROOM	B104	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	A	B104A	EXIST (A)	CORRIDOR	1130	WELLNESS ROOM	1113	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN		EXISTING	HM		
LEVEL 01	A	B105A	EXIST (A)	CORRIDOR	B103	MEETING ROOM	1116	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN		EXISTING	HM		
LEVEL 01	A	B106	EXIST (AA)	VESTIBULE	B106	CORRIDOR	B101	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	A	B108	EXIST (A)	WOMEN´S RESTROOM	B107	WOMEN´S LOCKER ROOM	B108	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	A	B111-1	EXIST (BBX)	EXERCISE ROOM	1130			6' - 0"	7' - 6"	0' - 1 3/4"	EXISTING-HM	NR	53.0	EXISTING	HM		CR, P
LEVEL 01	A	B111-2	EXIST (BBX)	EXERCISE ROOM	1130			6' - 0"	7' - 6"	0' - 1 3/4"	EXISTING-HM	NR	53.0	EXISTING	HM		CR, P
LEVEL 02	A	B201	EXIST (A)	STAIR	B200	SECOND FLOOR MECHANICAL ROOM	B201	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	59.0	EXISTING	HM		
LEVEL 02	A	B202	EXIST (A)	STAIR	B200	SECOND FLOOR ELECTRICAL / IDF	B202	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	59.0	EXISTING	HM		

ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1&2 - AREA B

				From Room		To Room		Door					AAOS	Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	Shared HW Set	Type	Material	STC	Comments
LEVEL 01	B	A101	EXIST (AAX)	SOUTH STAIR	A101			3' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-HM	NR	53.0	EXISTING	HM		CR, P
LEVEL 01	B	A105-1	EXIST (A)	CHEMISTRY LAB	1158	CORRIDOR	A110	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	45.0	EXISTING	HM		P
LEVEL 01	B	A105-2	EXIST (A)	CHEMISTRY LAB	1158	CORRIDOR	A110	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	39.0	EXISTING	HM		P
LEVEL 01	B	A108-1	EXIST (A)	CHEMISTRY LAB	1156	CORRIDOR	A110	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	45.0	EXISTING	HM		P
LEVEL 01	B	A108-2	EXIST (A)	CHEMISTRY LAB	1156	CORRIDOR	A110	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	39.0	EXISTING	HM		P
LEVEL 01	B	A109-1	EXIST (A)	CHEMISTRY LAB	1154	CORRIDOR	A110	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	45.0	EXISTING	HM		P
LEVEL 01	B	A109-2	EXIST (A)	CHEMISTRY LAB	1154	CORRIDOR	A110	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	39.0	EXISTING	HM		P
LEVEL 01	B	A113-1	EXIST (A)	CHEMISTRY LAB	1152	CORRIDOR	A110	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	45.0	EXISTING	HM		P
LEVEL 01	B	A113-2	EXIST (A)	CHEMISTRY LAB	1152	CORRIDOR	A110	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	39.0	EXISTING	HM		P
LEVEL 01	B	A114	EXIST (AAX)	NORTH STAIR	A114			3' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-HM	NR	53.0	EXISTING	HM		CR, P
LEVEL 01	B	C101A	EXIST (AAX)	MALL	D101			6' - 0"	7' - 6"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	46.0	EXISTING	ALUM		P
LEVEL 01	B	C103A	EXIST (A)	CORRIDOR	C108	AQUATIC WORKROOM	1207	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	59.0	EXISTING	HM		
LEVEL 01	B	C104A	EXIST (A)	CORRIDOR	C108	AQUATIC LAB	1209	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C105A	EXIST (A)	CORRIDOR	C108	AQUATIC LAB	1211	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C106A	EXIST (A)	CORRIDOR	C108	PLANT ROOM	1213	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	59.0	EXISTING	HM		
LEVEL 01	B	C113A	EXIST (A)	ELEC	1253	CORRIDOR	2912	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	60.0	EXISTING	HM		
LEVEL 01	B	C114A	EXIST (A)	CORRIDOR	C108	CHEMISTRY	1206	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C115A	EXIST (A)	CORRIDOR	2912	CHEMISTRY	1255	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C117A	EXIST (A)	CORRIDOR	C108	BIOLOGY	1210	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C118A	EXIST (A)	CORRIDOR	2912	PHYSICS	1257	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C122A	EXIST (A)	CORRIDOR	2905	ADVANCED BIOLOGY	1214	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C123A	EXIST (A)	CORRIDOR	2905	BIOLOGY	1259	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C125A	EXIST (A)	CORRIDOR	2912	PHYSICS	1254	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C131A	EXIST (A)	CORRIDOR	2912	PHYSICS	1258	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C133A	EXIST (A)	CORRIDOR	2912	BIOLOGY	1260	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C133B	EXIST (A)	CORRIDOR	2912	BIOLOGY	1260	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	59.0	EXISTING	HM		
LEVEL 01	B	C135A	EXIST (A)	CORRIDOR	2905	BIOLOGY	1262	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	B	C137A	EXIST (BBX)	CORRIDOR	2905			5' - 11 1/2"	7' - 0"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	35.0	EXISTING	ALUM		CR,P
LEVEL 01	B	C137B	EXIST (BBX)	CORRIDOR	2905			5' - 11 1/2"	7' - 0"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	32.0	EXISTING	ALUM		
LEVEL 02	B	A201	EXIST (A)	CORRIDOR	A202	STAIR	A201	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	77.0	EXISTING	HM		
LEVEL 02	B	A210-1	EXIST (A)	CHEMISTRY LAB	2056	CORRIDOR	A211	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	45.0	EXISTING	HM		P
LEVEL 02	B	A210-2	EXIST (A)	CHEMISTRY LAB	2056	CORRIDOR	A211	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	39.0	EXISTING	HM		P
LEVEL 02	B	A212-1	EXIST (A)	CHEMISTRY LAB	2054	CORRIDOR	A211	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	45.0	EXISTING	HM		P
LEVEL 02	B	A212-2	EXIST (A)	CHEMISTRY LAB	2054	CORRIDOR	A211	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	39.0	EXISTING	HM		P
LEVEL 02	B	A215-1	EXIST (A)	CHEMISTRY LAB	2052	CORRIDOR	A211	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	45.0	EXISTING	HM		P
LEVEL 02	B	A215-2	EXIST (A)	CHEMISTRY LAB	2052	CORRIDOR	A211	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	39.0	EXISTING	HM		P
LEVEL 02	B	A216	EXIST (A)	CORRIDOR	A211	NORTH STAIR	A216	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	77.0	EXISTING	HM		
LEVEL 02	B	C212A	EXIST (A)	CORRIDOR	C219	BOOKROOM	2105	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	63.0	EXISTING	HM		
LEVEL 02	B	C214A	EXIST (A)	CORRIDOR	C219	FOREIGN LANGUAGE	2109	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C215A	EXIST (A)	CORRIDOR	C219	FOREIGN LANGUAGE	2111	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C216A	EXIST (A)	CORRIDOR	C219	FOREIGN LANGUAGE	2113	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C225A	EXIST (A)	CORRIDOR	C219	ESL	2108	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C226A	EXIST (A)	CORRIDOR	C236	SOCIAL STUDIES	2209	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C227A	EXIST (A)	CORRIDOR	C219	ESL	2110	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C228A	EXIST (A)	CORRIDOR	C236	SOCIAL STUDIES	2211	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C232A	EXIST (A)	CORRIDOR	C219	SOCIAL STUDIES	2114	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C233A	EXIST (A)	CORRIDOR	C236	SOCIAL STUDIES	2213	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C234A	EXIST (A)	CORRIDOR	C219	SOCIAL STUDIES	2116	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C235A	EXIST (A)	CORRIDOR	C236	SOCIAL STUDIES	2215	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C246A	EXIST (A)	CORRIDOR	C236	SOCIAL STUDIES	2210	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C248A	EXIST (A)	CORRIDOR	C236	SOCIAL STUDIES	2212	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C251A	EXIST (A)	CORRIDOR	C236	SOCIAL STUDIES	2214	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	B	C253A	EXIST (A)	CORRIDOR	C236	SOCIAL STUDIES	2216	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		

ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1&2 - AREA C

				From Room		To Room		Door					AAOS	Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	Shared HW Set	Type	Material	STC	Comments
LEVEL 01	C	C132A	EXIST (A)	CORRIDOR	2914	PHYSICAL SCIENCE	1311	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	C134A	EXIST (A)	CORRIDOR	2914	PHYSICAL SCIENCE	1313	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	C136A	EXIST (A)	CORRIDOR	2905	BIOLOGY	1315	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	C137C	EXIST (BBX)	CORRIDOR	2905			5' - 11 1/2"	7' - 0"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	49.0	EXISTING	ALUM		CR, P
LEVEL 01	C	C144A	EXIST (A)	CORRIDOR	2914	SCIENCE CLASSROOM	1306	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	C146A	EXIST (A)	CORRIDOR	D102	CLINIC	1355	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	C153A	EXIST (A)	CORRIDOR	2914	PHYSICAL SCIENCE	1310	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	C154A	EXIST (A)	CORRIDOR	D102	PHYSICAL SCIENCE	1369	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	C155A	EXIST (A)	CORRIDOR	2914	PHYSICAL SCIENCE	1312	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	C156A	EXIST (A)	CORRIDOR	D102	PHYSICAL SCIENCE	1371	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	C157A	EXIST (A)	CORRIDOR	2905	BIOLOGY	1314	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	C158A	EXIST (A)	CORRIDOR	2905	BIOLOGY	1373	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	D102A	EXIST (BBX)	CORRIDOR	2905			5' - 11 1/2"	7' - 0"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	32.0	EXISTING	ALUM		
LEVEL 01	C	D103A	EXIST (A)	CORRIDOR	D102	ATTENDANCE OFFICE	1352	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	C	D106A	EXIST (A)	REGISTRAR´S OFFICE	1400	MALL	D101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	C	D124A	EXIST (A)	CORRIDOR	D125	CONFERENCE ROOM	D124	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	C	D126A	EXIST (A)	CORRIDOR	D125	TESTING	1410	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	C	D127A	EXIST (A)	REGISTRAR´S OFFICE	1400	OFFICE	1404	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	C	D128A	EXIST (A)	CORRIDOR	D125	STORAGE	1408	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	C	D129A	EXIST (A)	CORRIDOR	D125	VISITORS	D129	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	C	D131A	EXIST (A)	CORRIDOR	D125	VISITORS	D131	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	C	D132A	EXIST (A)	CORRIDOR	D125	COPY	1406	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	69.0	EXISTING	ALUM		
LEVEL 01	C	D133A	EXIST (A)	CORRIDOR	D135	MEN	1366	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	64.0	EXISTING	HM		
LEVEL 01	C	D134A	EXIST (A)	CORRIDOR	D135	WOMEN	1368	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	64.0	EXISTING	HM		
LEVEL 01	C	D135A	EXIST (A)	CORRIDOR	D125	CORRIDOR	D143	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	C	D138A	EXIST (A)	CORRIDOR	D143	SPEECH THERAPY	1374	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	C	D139A	EXIST (A)	CORRIDOR	D143	DIAGNOSTIC OFFICE	1376	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	C	D141A	EXIST (A)	CORRIDOR	D142	CONFERENCE	1378	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	D147A	EXIST (A)	CORRIDOR	D142	KITCHEN / DINNING	D146	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	D148A	EXIST (A)	CORRIDOR	D102	ADAPTIVE BEHAVIOR	1384	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	D149A	EXIST (A)	CORRIDOR	D102	LIFE SKILLS	1386	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	C	D151B	EXIST (BBX)	STAIR	1388			6' - 4"	7' - 4"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	77.0	EXISTING	ALUM		CR, P
LEVEL 02	C	C245A	EXIST (A)	CORRIDOR	C255	SOCIAL STUDIES LAB	2307	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C247A	EXIST (A)	CORRIDOR	C255	SOCIAL STUDIES	2309	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C249A	EXIST (A)	CORRIDOR	C255	SOCIAL STUDIES	2311	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C252A	EXIST (A)	CORRIDOR	C255	SOCIAL STUDIES	2313	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C254A	EXIST (A)	CORRIDOR	C255	SOCIAL STUDIES	2215	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C259A	EXIST (A)	STOR	C259	CORRIDOR	D209	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	59.0	EXISTING	HM		
LEVEL 02	C	C261A	EXIST (A)	CORRIDOR	C255	SOCIAL STUDIES	2310	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C263A	EXIST (A)	CORRIDOR	C255	SOCIAL STUDIES	2312	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C264A	EXIST (A)	CORRIDOR	D209	SOCIAL STUDIES	2407	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C265A	EXIST (A)	ELECTRICAL	C265	MECHANICAL ROOM	2314	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	60.0	EXISTING	HM		
LEVEL 02	C	C267A	EXIST (A)	CORRIDOR	C255	SOCIAL STUDIES	2316	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C268A	EXIST (A)	CORRIDOR	D209	SOCIAL STUDIES	2409	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C269A	EXIST (A)	CORRIDOR	C255	SOCIAL STUDIES	2318	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	C271A	EXIST (A)	CORRIDOR	D209	SOCIAL STUDIES	2411	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	D211B	EXIST (A)	A/V STORAGE	2451	CORRIDOR	D209	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	59.0	EXISTING	HM		
LEVEL 02	C	D214A	EXIST (A)	LIBRARY	2450	MEDIA/PERIODICAL	2410	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	69.0	EXISTING	HM		
LEVEL 02	C	D214B	EXIST (A)	CORRIDOR	D209	MEDIA/PERIODICAL	2410	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	C	D221A	EXIST (AAX)	LIBRARY	2450	CORRIDOR	D208	6' - 0"	7' - 0"	0' - 1 3/4"	EXISTING-SCPL	NR	40.0	EXISTING	HM		P

DOOR & FRAME GENERAL NOTES

1. FOR GENERAL NOTES REGARDING DOORS AND DOOR FRAMES SEE SHEET A-611.
2. FOR DETAILS RELATING TO THE HEAD, JAMB, AND SILL FOR EACH DOOR TYPE, REFERENCE SHEET A-611.
3. LOCATE DOOR FRAMES WITH THE HINGE SIDE OF THE JAMB 4" FROM THE CORNER OF THE SPACE UNLESS SHOWN CENTERED IN THE WALL OR DIMENSIONED OTHERWISE. REFER TO DRAWING SHEET A-611 FOR MORE DETAIL.
4. FIRE LABELS ARE UL CLASSIFICATIONS WITH FIRE RATINGS SHOWN IN MINUTES. FIRE RATINGS AND/OR LABELS REQUIRED FOR DOORS APPLY EQUALLY TO THE FRAME AND THE HARDWARE. ANYWHERE A RATING IS SHOWN IN THE SCHEDULE, THE APPLICABLE LABEL SHALL BE APPLIED TO THE DOOR, THE FRAME, AND THE HARDWARE THAT IS TO BE USED ON SAID DOOR.
5. SIZE ALL FRAME THROAT DIMENSIONS 1/8" GREATER THAN THE ACTUAL PARTITION THICKNESS. ACTUAL THICKNESS INCLUDES ALL MATERIALS LISTED IN THE PARTITION SCHEDULE PLUS ALL OTHER MATERIALS (I.E. LEAD LINING) THAT ARE TO BE BUILT INTO THE PARTITION. DO NOT INCLUDE FINISHES APPLIED TO THE FACE OF THE PARTITION WHEN DETERMINING PARTITION THICKNESS UNLESS NOTED OTHERWISE.
6. ALL HM, WD, AND SCW DOORS ARE TO BE 1 3/4" THICK UNLESS NOTED OTHERWISE.
7. THE GENERAL CONTRACTOR IS TO COORDINATE THE INSTALLATION OF CARD READERS, ELECTRONIC LOCKING DEVICES, FIRE ALARMS, AUTO OPERATORS, AND ALL OTHER MONITORING DEVICES WITH THE DOOR AND FRAME HARDWARE.
8. FOR LEAD LINED DOORS, REFERENCE HEAD AND JAMB DETAILS FOR IN-WALL STEEL AND TUBE SUPPORTS. SEE SHEET A-611.
9. LEAD LINING, RF SHIELDING, AND ACOUSTICAL RATINGS REQUIRED FOR A GIVEN DOOR APPLY EQUALLY TO THE FRAME, GLAZING (IF PRESENT), AND THE HARDWARE.
10. PROVIDE A 3/4" UNDERCUT AT ALL TOILET ROOM DOORS - TYP.
11. THE UNDERCUT ON FIRE RATED DOORS (IF REQUIRED) SHALL NOT EXCEED 3/4".
12. ALL GLAZING USED IN THE INTERIOR DOORS SHALL BE LAMINATED TEMPERED "SAFETY GLASS" UNLESS NOTED OTHERWISE.
13. FOR ANY FIRE RATED DOORS THAT REQUIRE GLAZING, SAID GLAZING SHALL HAVE THE SAME RATING AS THE DOOR ITSELF AND SHALL NOT BE "WIRE GLASS".
14. FOR SITE ACCESS GATE DOOR AND DOOR TAG LOCATIONS REFER TO THE ENLARGED SITE PLAN SHEET AS-SERIES.
15. ALL DOORS THAT ARE TO RECEIVE PANIC HARDWARE (ELECTRIFIED OR NOT) SHALL HAVE CONCEALED VERTICAL RODS WITHIN THE DOOR LEAF.
16. ALL MAG LOCKS SHALL BE SUPPLIED WITH A DC POWER ADAPTER.
17. FOR ALL OTHER DOOR SCHEDULE ABBREVIATIONS SEE LISTS BELOW.

FINISHES:
A: PAINT HM FRAMES UNO.
B: PAINT HM DOORS UNO.
C: PLAM SCW DOOR UNO.
D: STORE FRONT DOOR FINISH PER SPECIFICATION.
E: STAIN WOOD VENEER DOORS UNO.
F: SEE SPECIFICATIONS FOR ALL OTHER DOORS.

LABELS - FIRE RATINGS
3 HOURS
90 MINUTES
45 MINUTES
20 MINUTES
ST SMOKE TIGHT

DOOR & FRAME LEGEND

SYMBOL	DESCRIPTION
	NEW DOOR AND FRAME
	NEW DOOR AND FRAME WITH EMERGENCY RELEASE
	NEW DOOR AND FRAME ALLOW 180 ̊SWING
	NEW DOOR AND FRAME DOUBLE EGRESS
	NEW DOOR PAIR AND FRAME ONE LEAF INACTIVE
	NEW DOOR AND FRAME UNEQUAL PAIR AS SCHED.
	EXISTING DOOR AND FRAME

DOOR SCHEDULE FINISH AND MATERIAL ABBREVIATIONS:

HM - HOLLOW METAL
PLM - PLASTIC LAMINATE
CGL - CLEAR GLASS (TEMPERED AND LAMINATED)
OGL - OPAQUE GLASS (TEMPERED AND LAMINATED)
GYP - GYPSUM BOARD
WD - WOOD
SCW - SOLID CORE WOOD
STAIN - STAINED WOOD
GS - GALVANIZED STEEL
SS - STAINLESS STEEL
STL - STEEL
CA - CLEAR ANODIZED ALUMINUM
AL - ALUMINUM
PNT - PAINT
ACR - ACRYLIC
VC - VINYL COATED

DOOR SCHEDULE COMMENTS CODES AND ABBREVIATIONS:

ADO - AUTOMATIC SWING DOOR OPERATOR
SDO - AUTOMATIC SLIDING DOOR OPERATOR
CR - CARD READER
ML - MAGNETIC LOCK (INTEGRATED DPS)
EL - ELECTRIC LOCKSET (INTEGRATED REX)
REX - REQUEST TO EXIT SWITCH
IREX - INFRARED SENSOR REX
MREX - MOTION SENSOR REX
MHO - MAGNETIC HOLD OPEN
HO - ELECTRIC HOLD OPEN DEVICE
EPT - ELECTRIC POWER TRANSFER
DPS - DOOR POSITION SENSOR
P - EXIT/PANIC HARDWARE
PEH - PEEP HOLE/DOOR VIEWER
EP - ELECTRIC EXIT/PANIC HARDWARE (INTEGRATED REX)
EPA - ELECTRIC EXIT/PANIC HARDWARE (LOCAL AUDIBLE AND MONITORING)
SMK - SMOKE SEALS
SND - SOUND SEALS
B - BULLET RESISTANT
LL - LEAD-LINED DOOR
CYL - CYLINDER LOCK W/ KEY OVERRIDE
180 - DOOR WITH A 180 DEGREE SWINGING HINGE
FH - FIXED HANDLE / DUMMY HARDWARE
LK - DOOR LOCK
PL - DOOR PRIVACY LOCK
PS - DOOR PASSAGE SET
CL - DOOR CLOSER
PP - PUSH PULL
KP - KEY PAD
PB - PUSH BUTTON
RR - REMOTE RELEASE
NR - DOOR NOT FIRE RATED
PR - PAIR

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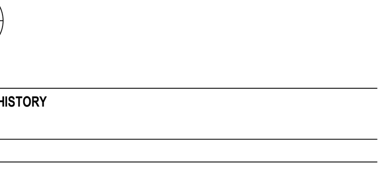
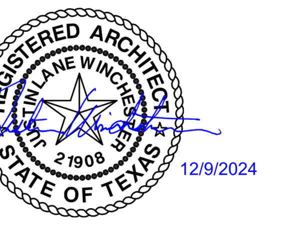


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER 33AC23221
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SHEET NAME
ARCHITECTURAL - EXISTING DOOR AND NEW HARDWARE SCHEDULE - AREAS A - C

SHEET NUMBER
A-621

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ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1 - AREA F

Level	AREA	Door Number	Door Type	From Room: Room Name	From Room: Room #	To Room: Room Name	To Room: Room #	Door: Overall Width	Door: Height	Door: Thickness	Door: Material	Fire Rating	AAOS Shared HW Set	Frame: Type	Frame: Material	STC	Comments
AUDITORIUM LEVEL	F	F110A	EXIST (A)					3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	20 MIN	59.0	EXISTING	HM		
AUDITORIUM LEVEL	F	F118A	EXIST (A)	CONTROL ROOM	1770			3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	75.0	EXISTING	HM		
AUDITORIUM LEVEL	F	F118B	EXIST (A)	CONTROL ROOM	1770	CONTROL ROOM	1770	3' - 0"	8' - 4"	0' - 1 3/4"	EXISTING-SCPL	NR	59.0	EXISTING	HM		
LEVEL 01	F	F101A	EXIST (AAX)	MALL	F101			6' - 0"	7' - 6"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	47.0	EXISTING	ALUM		P
LEVEL 01	F	F101B	EXIST (AAX)	MALL	F101			6' - 0"	7' - 6"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	52.0	EXISTING	ALUM		P
LEVEL 01	F	F103A	EXIST (A)	DRAMA CLASSROOM	1803	CORRIDOR	G129	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	F	F105A	EXIST (A)	DRAMA CLASSROOM	1809	CORRIDOR	G129	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	F	F105B	EXIST (A)	DRAMA CLASSROOM	1809	CORRIDOR	1827	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	59.0	EXISTING	HM		
LEVEL 01	F	F107A	EXIST (A)	CORRIDOR	1827	DRAMA OFFICE	1752	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	69.0	EXISTING	HM		
LEVEL 01	F	F115A	EXIST (AA)	STAIR	F115	MALL	F101	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	90 MIN	77.0	EXISTING	HM		
LEVEL 01	F	F119A	EXIST (AA)	AUDITORIUM	1750	CORRIDOR	1827	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	42.0	EXISTING	HM		P
LEVEL 01	F	F119B	EXIST (AA)	AUDITORIUM	1750	CORRIDOR	1764	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	42.0	EXISTING	HM		P
LEVEL 01	F	F122A	EXIST (AA)	RAMP	1768	MALL	F101	7' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-HM	90 MIN	77.0	EXISTING	HM		
LEVEL 01	F	F125A	EXIST (A)	CORRIDOR	1764	BOY´S DRESSING	1763	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	63.0	EXISTING	HM		
LEVEL 01	F	F128A	EXIST (A)	CORRIDOR	1764	GIRLS´ DRESSING	1761	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	63.0	EXISTING	HM		

ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1 - AREA G

Level	AREA	Door Number	Door Type	From Room: Room Name	From Room: Room #	To Room: Room Name	To Room: Room #	Door: Overall Width	Door: Height	Door: Thickness	Door: Material	Fire Rating	AAOS Shared HW Set	Frame: Type	Frame: Material	STC	Comments
LEVEL 01	G	C139	EXIST (AX)	RECEIVING	C139			4' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-HM	90 MIN	32.0	EXISTING	HM		
LEVEL 01	G	E164C	EXIST (BBX)	CORRIDOR	C141			6' - 4"	7' - 6"	0' - 1 3/4"	EXISTING-HM	NR	32.0	EXISTING	HM		
LEVEL 01	G	G142B	EXIST (AAX)	ART	1887			3' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	75.0	EXISTING	ALUM		CR, P

ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1&2 - AREA D

Level	AREA	Door Number	Door Type	From Room: Room Name	From Room: Room #	To Room: Room Name	To Room: Room #	Door: Overall Width	Door: Height	Door: Thickness	Door: Material	Fire Rating	AAOS Shared HW Set	Frame: Type	Frame: Material	STC	Comments
LEVEL 01	D	1506A	EXIST (A)	RECEPTION	1504	SECURITY	1506	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	75.0	EXISTING	HM		CR
LEVEL 01	D	D108A	EXIST (A)	RECEPTION	1430	COUNSELOR	1427	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D109A	EXIST (A)	RECEPTION	1430	COUNSELOR	1425	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D111A	EXIST (A)	RECEPTION	1430	COUNSELOR	1423	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D112A	EXIST (A)	RECEPTION	1430	COUNSELOR	1421	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D113A	EXIST (A)	RECEPTION	1430	MALL	D101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	D	D114A	EXIST (A)	RECEPTION	1430	COUNSELOR	1426	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D115A	EXIST (A)	RECEPTION	1430	COUNSELOR	1424	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D116A	EXIST (A)	RECEPTION	1430	COUNSELOR	1422	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D117A	EXIST (A)	RECEPTION	1430	COUNSELOR	1420	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D118A	EXIST (A)	HALL	1418	MAIN ENTRY	D153	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	D	D121A	EXIST (A)	HALL	1418	COPY	1417	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	69.0	EXISTING	ALUM		
LEVEL 01	D	D123A	EXIST (A)	STAIR	1423	MAIN ENTRY	D153	3' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	77.0	EXISTING	HM		
LEVEL 01	D	D123B	EXIST (A)	STAIR	1423			3' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-SCPL	NR	50.1	EXISTING	HM		CR, P
LEVEL 01	D	D124B	EXIST (A)	CORRIDOR	D125	CONFERENCE ROOM	D124	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D153A	EXIST (BBX)	MAIN ENTRY	D153			5' - 11 1/2"	7' - 6 1/2"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	58.0	EXISTING	ALUM		2N, CR BY SECURITY
LEVEL 01	D	D156A	EXIST (A)	RECEPTION	1504	FINANCE	1510	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	ALUM		
LEVEL 01	D	D157A	EXIST (A)	WAITING	1512	ASSISTANT PRINCIPAL	1513	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D158A	EXIST (A)	MALL	D101	WAITING	1512	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	77.0	EXISTING	HM		
LEVEL 01	D	D164A	EXIST (A)	WAITING	1512	ASSISTANT PRINCIPAL	1523	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D165A	EXIST (A)	WAITING	1512	ASSISTANT PRINCIPAL	1521	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D166A	EXIST (A)	WAITING	1512	ASSISTANT PRINCIPAL	1519	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D167A	EXIST (A)	WAITING	1512	ASSISTANT PRINCIPAL	1517	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D168A	EXIST (A)	WAITING	1512	ASSISTANT PRINCIPAL	1515	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D169A	EXIST (A)	MAIN ENTRY	D153	RECEPTION	1504	3' - 0"	6' - 10"	0' - 0"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	D	D169B	EXIST (A)	RECEPTION	1504	CORRIDOR	1531	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D169C	EXIST (A)	RECEPTION	1504	WAITING	1512	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D172A	EXIST (A)	SECRETARY	1529	DIRECTOR OF INSTRUCTION	1527	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D173B	EXIST (A)	STAIR	D173			3' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-ALUM	NR	75.0	EXISTING	ALUM		CR, P
LEVEL 01	D	D175A	EXIST (A)	SECRETARY	1529	ASSOCIATE PRINCIPAL	1530	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D177A	EXIST (A)	CORRIDOR	1531	CONFERENCE ROOM	1532	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D177C	EXIST (A)	SECRETARY	1533	CONFERENCE ROOM	1532	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D178A	EXIST (A)	CORRIDOR	1555	WOMEN	1534	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	ALUM		
LEVEL 01	D	D179A	EXIST (A)	CORRIDOR	1555	MEN	1535	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	ALUM		
LEVEL 01	D	D181A	EXIST (A)	CORRIDOR	1555	CORRIDOR	1550	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	D	D181B	EXIST (A)	WAITING	1512	CORR	D163	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D182B	EXIST (A)	CORRIDOR	1550	TEACHER AIDES	1538	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	D	D183B	EXIST (A)	CORRIDOR	1550	TEACHERS LOUNGE	1540	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	D	D184A	EXIST (BBX)			CORRIDOR	E131	5' - 11 1/2"	7' - 0"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	32.0	EXISTING	ALUM		
LEVEL 01	D	D185B	EXIST (A)	CORRIDOR	1550	TEACHER WORKROOM	1542	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	D	D187A	EXIST (A)	CORRIDOR	D187	CORRIDOR	1550	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	43.0	EXISTING	HM		P
LEVEL 01	D	D188A	EXIST (A)	SECRETARY	1533	PRINCIPAL	1543	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	71.0	EXISTING	ALUM		
LEVEL 01	D	D191A	EXIST (A)	CORRIDOR	1550	MATH	1563	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	D	D192B	EXIST (BBX)			STAIR	D192	6' - 4"	7' - 6"	0' - 1 3/4"	EXISTING-ALUM/ GL	90 MIN	35.0	EXISTING	HM		CR, P
LEVEL 01	D	E106A	EXIST (A)	CORRIDOR	1550	COMPUTER LAB	1556	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	D	E108A	EXIST (A)	CORRIDOR	1550	COMPUTER LAB	1558	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	D	E112A	EXIST (A)	CORRIDOR	1550	COMPUTER LAB	1560	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	D	E114A	EXIST (A)	CORRIDOR	1550	COMPUTER LAB	1562	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	D	D221B	EXIST (A)	LIBRARY	2450	CORRIDOR	D223	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	59.0	EXISTING	HM		P
LEVEL 02	D	D222A	EXIST (A)	CORRIDOR	D223	STAIR	D222	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	77.0	EXISTING	HM		
LEVEL 02	D	D225A	EXIST (A)	CORRIDOR	D224	STAIR	D225	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	77.0	EXISTING	HM		
LEVEL 02	D	D228A	EXIST (A)	LARGE GROUP INSTRUCTION	2500	CORRIDOR	D224	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	59.0	EXISTING	HM		P
LEVEL 02	D	D228B	EXIST (AAX)	LARGE GROUP INSTRUCTION	2500	CORRIDOR	D208	6' - 0"	6' - 10"	0' - 1 3/4"	<varies>	20 MIN	41.0	EXISTING	HM		P
LEVEL 02	D	D232A	EXIST (A)	CORRIDOR	D238	LIFE SKILLS	2517	3' - 0"	6' - 10"	0' - 1 3/4"	<varies>	20 MIN	62.0	EXISTING	HM		
LEVEL 02	D	D233A	EXIST (A)	CORRIDOR	D238	DEAF ED.	2919A	3' - 0"	6' - 10"	0' - 1 3/4"	<varies>	20 MIN	62.0	EXISTING	HM		
LEVEL 02	D	D234A	EXIST (A)	CORRIDOR	D238	DEAF ED.	2521A	3' - 0"	6' - 10"	0' - 1 3/4"	<varies>	20 MIN	62.0	EXISTING	HM		
LEVEL 02	D	D235A	EXIST (A)	CORRIDOR	D236	STUDY SKILLS	2515	3' - 0"	6' - 10"	0' - 1 3/4"	<varies>	20 MIN	62.0	EXISTING	HM		
LEVEL 02	D	D237A	EXIST (A)	CORRIDOR	D236	WORKROOM	2516	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	63.0	EXISTING	HM		
LEVEL 02	D	D241A	EXIST (A)	CORRIDOR	D243	OFFICE	D241	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 02	D	D246A	EXIST (A)	CORRIDOR	D245	STUDY SKILLS	2523	3' - 0"	6' - 10"	0' - 1 3/4"	<varies>	20 MIN	62.0	EXISTING	HM		
LEVEL 02	D	E215A	EXIST (A)	CORRIDOR	D243	ENGLISH	2606	3' - 0"	6' - 10"	0' - 1 3/4"	<varies>	20 MIN	62.0	EXISTING	HM		
LEVEL 02	D	E217A	EXIST (A)	CORRIDOR	D243	ENGLISH	2608	3' - 0"	6' - 10"	0' - 1 3/4"	<varies>	20 MIN	62.0	EXISTING	HM		
LEVEL 02	D	E221A	EXIST (A)	CORRIDOR	D243	ENGLISH	2612	3' - 0"	6' - 10"	0' - 1 3/4"	<varies>	20 MIN	62.0	EXISTING	HM		
LEVEL 02	D	E223A	EXIST (A)	CORRIDOR	D243	ENGLISH	2614	3' - 0"	6' - 10"	0' - 1 3/4"	<varies>	20 MIN	62.0	EXISTING	HM		

ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1&2 - AREA E

Level	AREA	Door Number	Door Type	From Room: Room Name	From Room: Room #	To Room: Room Name	To Room: Room #	Door: Overall Width	Door: Height	Door: Thickness	Door: Material	Fire Rating	AAOS Shared HW Set	Frame: Type	Frame: Material	STC	Comments
LEVEL 01	E	E107A	EXIST (A)	CORRIDOR	1600	COMPUTER LAB	1605	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E109A	EXIST (A)	CORRIDOR	1600	MATH	1607	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E111A	EXIST (A)	CORRIDOR	1600	MATH	1609	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E113A	EXIST (A)	CORRIDOR	1600	MATH	1611	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E115A	EXIST (A)	CORRIDOR	1600	MATH	1613	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E117A	EXIST (A)	CORRIDOR	1600	MATH	1602	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E118A	EXIST (A)	CORRIDOR	1650	MATH	1657	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E119A	EXIST (A)	CORRIDOR	1600	MATH	1604	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E121A	EXIST (A)	CORRIDOR	1650	MATH	1659	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E124A	EXIST (A)	CORRIDOR	1600	MATH	1608	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E125A	EXIST (A)	CORRIDOR	1650	MATH	1663	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E126A	EXIST (A)	CORRIDOR	1600	MATH	1610	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E127A	EXIST (A)	CORRIDOR	1650	MATH	1665	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E128A	EXIST (A)	CORRIDOR	1600	MATH	1612	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E129A	EXIST (A)	CORRIDOR	1650	MATH	1667	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E131A	EXIST (BBX)			CORRIDOR	E131	5' - 11 1/2"	7' - 0"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	50.0	EXISTING	ALUM		CR, P
LEVEL 01	E	E131B	EXIST (BBX)			CORRIDOR	E131	5' - 11 1/2"	7' - 0"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	32.0	EXISTING	ALUM		
LEVEL 01	E	E131C	EXIST (BBX)			CORRIDOR	E131	5' - 11 1/2"	7' - 0"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	34.0	EXISTING	ALUM		CR, P
LEVEL 01	E	E138A	EXIST (A)	CORRIDOR	1650	MATH	1658	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E139A	EXIST (A)	SEWING LAB	1705	CORRIDOR	E151	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E139B	EXIST (A)	SEWING LAB	1705	CORRIDOR	E151	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	59.0	EXISTING	HM		
LEVEL 01	E	E144A	EXIST (A)	CORRIDOR	1650	MATH	1662	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E145A	EXIST (A)	HOME ECONOMICS	1717	CORRIDOR	E151	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E146A	EXIST (A)	CORRIDOR	1650	MATH	1664	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E148A	EXIST (A)	CORRIDOR	1650	MATH	1666	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E149A	EXIST (A)	CORRIDOR	E151	COOKING LAB	1723	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E150A	EXIST (A)	HOME ECONOMICS	1719	CORRIDOR	E151	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E152A	EXIST (A)	CORRIDOR	E151	STAIR	1706	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	77.0	EXISTING	HM		
LEVEL 01	E	E152B	EXIST (AX)	STAIR	1706			3' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-HM	NR	77.0	EXISTING	HM		CR,P
LEVEL 01	E	E160A	EXIST (A)	EARLY CHILDHOOD	1708	CORRIDOR	E151	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E160B	EXIST (AX)	EARLY CHILDHOOD	1708			3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	NR	55.0	EXISTING	HM		CR
LEVEL 01	E	E164A	EXIST (A)	TODDLER	1718	CORRIDOR	E151	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN		EXISTING	HM		
LEVEL 01	E	E164B	EXIST (AX)	TODDLER	1718	YARD	--	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	NR	55.0	EXISTING	HM		CR
LEVEL 01	E	E165B	EXIST (A)	STAIRS	1728	INFANT CARE	1726	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	62.0	EXISTING	HM		
LEVEL 01	E	E166B	EXIST (AAX)	STAIRS	1728			6' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-HM	NR	77.0	EXISTING	HM		CR, P
LEVEL 02	E	E216A	EXIST (A)	CORRIDOR	E225	ENGLISH	2705	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E218A	EXIST (A)	CORRIDOR	E225	ENGLISH	2707	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E222A	EXIST (A)	CORRIDOR	E225	ENGLISH	2709	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E224A	EXIST (A)	CORRIDOR	E225	ENGLISH	2711	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E226A	EXIST (A)	CORRIDOR	E225	SPEECH ROOM	2702	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E236A	EXIST (A)	CORRIDOR	E225	ENGLISH	2714	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E237A	EXIST (A)	CORRIDOR	E255	ENGLISH	2807	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E238A	EXIST (A)	CORRIDOR	E225	ENGLISH	2716	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E239A	EXIST (A)	CORRIDOR	E255	ENGLISH	2809	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E241A	EXIST (A)	CORRIDOR	E225	ENGLISH	2718	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E242A	EXIST (A)	CORRIDOR	E255	ENGLISH	2811	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E243A	EXIST (A)	CORRIDOR	E225	ENGLISH	2720	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E244A	EXIST (A)	CORRIDOR	E255	ENGLISH	2813	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E251A	EXIST (A)	CORRIDOR	E255	ENGLISH	2806	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E252A	EXIST (A)	CORRIDOR	E262	ENGLISH	2907	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E253A	EXIST (A)	CORRIDOR	E255	ENGLISH	2808	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E254A	EXIST (A)	CORRIDOR	E262	ENGLISH	2909	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E257A	EXIST (A)	CORRIDOR	E255	ENGLISH	2812	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E258A	EXIST (A)	CORRIDOR	E262	ENGLISH	2913	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E259A	EXIST (A)	CORRIDOR	E255	ENGLISH	2814	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E261A	EXIST (A)	CORRIDOR	E262	ENGLISH	2915	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E263A	EXIST (A)	CORRIDOR	E209	STAIR	E263	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	90 MIN	77.0	EXISTING	HM		
LEVEL 02	E	E264A	EXIST (A)	CORRIDOR	E262	MARKETING	2904	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E265A	EXIST (A)	CORRIDOR	E262	HEALTH OCCUPATION	2906	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E266A	EXIST (A)	CORRIDOR	E262	MOCT/ICT	2908	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	E	E267A	EXIST (A)	CORRIDOR	E262	CONTENT ENGLISH LAB	2910	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		

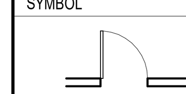
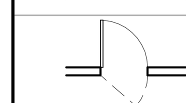
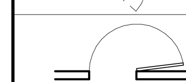
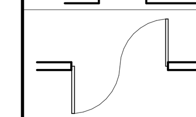
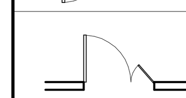
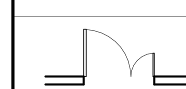
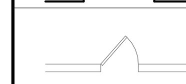
DOOR & FRAME GENERAL NOTES

1. FOR GENERAL NOTES REGARDING DOORS AND DOOR FRAMES SEE SHEET A-611.
2. FOR DETAILS RELATING TO THE HEAD, JAMB, AND SILL FOR EACH DOOR TYPE, REFERENCE SHEET A-611.
3. LOCATE DOOR FRAMES WITH THE HINGE SIDE OF THE JAMB 4" FROM THE CORNER OF THE SPACE UNLESS SHOWN CENTERED IN THE WALL OR DIMENSIONED OTHERWISE. REFER TO DRAWING SHEET A-611 FOR MORE DETAIL.
4. FIRE LABELS ARE UL CLASSIFICATIONS WITH FIRE RATINGS SHOWN IN MINUTES. FIRE RATINGS AND/OR LABELS REQUIRED FOR DOORS APPLY EQUALLY TO THE FRAME AND THE HARDWARE. ANYWHERE A RATING IS SHOWN IN THE SCHEDULE, THE APPLICABLE LABEL SHALL BE APPLIED TO THE DOOR, THE FRAME, AND THE HARDWARE THAT IS TO BE USED ON SAID DOOR.
5. SIZE ALL FRAME THROAT DIMENSIONS 1/8" GREATER THAN THE ACTUAL PARTITION THICKNESS. ACTUAL THICKNESS INCLUDES ALL MATERIALS LISTED IN THE PARTITION SCHEDULE PLUS ALL OTHER MATERIALS (I.E. LEAD LINING) THAT ARE TO BE BUILT INTO THE PARTITION. DO NOT INCLUDE FINISHES APPLIED TO THE FACE OF THE PARTITION WHEN DETERMINING PARTITION THICKNESS UNLESS NOTED OTHERWISE.
6. ALL HM, WD, AND SCW DOORS ARE TO BE 1 3/4" THICK UNLESS NOTED OTHERWISE.
7. THE GENERAL CONTRACTOR IS TO COORDINATE THE INSTALLATION OF CARD READERS, ELECTRONIC LOCKING DEVICES, FIRE ALARMS, AUTO OPERATORS, AND ALL OTHER MONITORING DEVICES WITH THE DOOR AND FRAME HARDWARE.
8. FOR LEAD LINED DOORS, REFERENCE HEAD AND JAMB DETAILS FOR IN-WALL STEEL AND TUBE SUPPORTS. SEE SHEET A-611.
9. LEAD LINING, RF SHIELDING, AND ACOUSTICAL RATINGS REQUIRED FOR A GIVEN DOOR APPLY EQUALLY TO THE FRAME, GLAZING (IF PRESENT), AND THE HARDWARE.
10. PROVIDE A 3/4" UNDERCUT AT ALL TOILET ROOM DOORS - TYP.
11. THE UNDERCUT ON FIRE RATED DOORS (IF REQUIRED) SHALL NOT EXCEED 3/4".
12. ALL GLAZING USED IN THE INTERIOR DOORS SHALL BE LAMINATED TEMPERED "SAFETY GLASS" UNLESS NOTED OTHERWISE.
13. FOR ANY FIRE RATED DOORS THAT REQUIRE GLAZING, SAID GLAZING SHALL HAVE THE SAME RATING AS THE DOOR ITSELF AND SHALL NOT BE "WIRE GLASS".
14. FOR SITE ACCESS GATE DOOR AND DOOR TAG LOCATIONS REFER TO THE ENLARGED SITE PLAN SHEET AS-SERIES.
15. ALL DOORS THAT ARE TO RECEIVE PANIC HARDWARE (ELECTRIFIED OR NOT) SHALL HAVE CONCEALED VERTICAL RODS WITHIN THE DOOR LEAF.
16. ALL MAG LOCKS SHALL BE SUPPLIED WITH A DC POWER ADAPTER.
17. FOR ALL OTHER DOOR SCHEDULE ABBREVIATIONS SEE LISTS BELOW.

FINISHES:
A: PAINT HM FRAMES UNO.
B: PAINT HM DOORS UNO.
C: PLAM SCW DOOR UNO.
D: STORE FRONT DOOR FINISH PER SPECIFICATION.
E: STAIN WOOD VENEER DOORS UNO.
F: SEE SPECIFICATIONS FOR ALL OTHER DOORS.

LABELS - FIRE RATINGS
3 HOURS
90 MINUTES
45 MINUTES
20 MINUTES
ST SMOKE TIGHT

DOOR & FRAME LEGEND

SYMBOL	DESCRIPTION
	NEW DOOR AND FRAME
	NEW DOOR AND FRAME WITH EMERGENCY RELEASE
	NEW DOOR AND FRAME ALLOW 180 ̊SWING
	NEW DOOR AND FRAME DOUBLE EGRESS
	NEW DOOR PAIR AND FRAME ONE LEAF INACTIVE
	NEW DOOR AND FRAME UNEQUAL PAIR AS SCHED.
	EXISTING DOOR AND FRAME

DOOR SCHEDULE FINISH AND MATERIAL ABBREVIATIONS:

HM - HOLLOW METAL
PLM - PLASTIC LAMINATE
CGL - CLEAR GLASS (TEMPERED AND LAMINATED)
OGL - OPAQUE GLASS (TEMPERED AND LAMINATED)
GYP - GYPSUM BOARD
WD - WOOD
SCW - SOLID CORE WOOD
STAIN - STAINED WOOD
GS - GALVANIZED STEEL
SS - STAINLESS STEEL
STL - STEEL
CA - CLEAR ANODIZED ALUMINUM
AL - ALUMINUM
PNT - PAINT
ACR - ACRYLIC
VC - VINYL COATED

DOOR SCHEDULE COMMENTS CODES AND ABBREVIATIONS:

ADO - AUTOMATIC SWING DOOR OPERATOR
SDO - AUTOMATIC SLIDING DOOR OPERATOR
CR - CARD READER
ML - MAGNETIC LOCK (INTEGRATED DPS)
EL - ELECTRIC LOCKSET (INTEGRATED REX)
REX - REQUEST TO EXIT SWITCH
IREX - INFRARED SENSOR REX
MREX - MOTION SENSOR REX
MHO - MAGNETIC HOLD OPEN
HO - ELECTRIC HOLD OPEN DEVICE
EPT - ELECTRIC POWER TRANSFER
DPS - DOOR POSITION SENSOR
P - EXIT/PANIC HARDWARE
PEH - PEEP HOLE/DOOR VIEWER
EP - ELECTRIC EXIT/PANIC HARDWARE (INTEGRATED REX)
EPA - ELECTRIC EXIT/PANIC HARDWARE (LOCAL AUDIBLE AND MONITORING)
SMK - SMOKE SEALS
SND - SOUND SEALS
B - BULLET RESISTANT
LL - LEAD-LINED DOOR
CYL - CYLINDER LOCK W/ KEY OVERRIDE
180 - DOOR WITH A 180 DEGREE SWINGING HINGE
FH - FIXED HANDLE / DUMMY HARDWARE
LK - DOOR LOCK
PL - DOOR PRIVACY LOCK
PS - DOOR PASSAGE SET
CL - DOOR CLOSER
PP - PUSH PULL
KP - KEY PAD
PB - PUSH BUTTON
RR - REMOTE RELEASE
NR - DOOR NOT FIRE RATED
PR - PAIR

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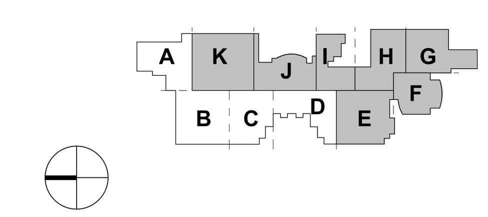
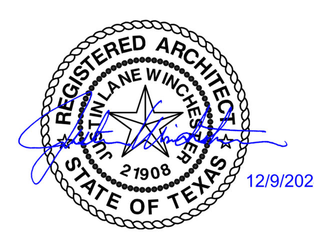


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



12/9/2024

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
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SHEET NAME
ARCHITECTURAL - EXISTING DOOR AND NEW HARDWARE SCHEDULE - AREAS D - G

SHEET NUMBER
A-622

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ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1&2 - AREA H

				From Room		To Room		Door						Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	AAOS Shared HW Set	Type	Material	STC	Comments
LEVEL 01	H	G101A	EXIST (AAX)	CORRIDOR	G101			6' - 0"	7' - 6"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	50.0	EXISTING	ALUM		P
LEVEL 01	H	G136A	EXIST (A)	SCULPTURE	1883	CORRIDOR	G101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	20 MIN	62.0	EXISTING	HM		
LEVEL 01	H	G138A	EXIST (A)			ART	1887	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	NR	59.0	EXISTING	HM		
LEVEL 01	H	G138B	EXIST (A)			SCULPTURE	1883	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	NR	59.0	EXISTING	HM		
LEVEL 01	H	G142A	EXIST (A)	ART	1887	CORRIDOR	G101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	20 MIN	62.0	EXISTING	HM		
LEVEL 01	H	H127A	EXIST (A)	MALL	D101	COMMUNICATIONS	1924	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	90 MIN	62.0	EXISTING	HM		
LEVEL 01	H	H130C	EXIST (A)	AG SHOP	1904	SERVICE YARD	--	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	NR	55.0	EXISTING	HM		CR
LEVEL 01	H	H132A	EXIST (A)	MALL	D101	VOCATION CLASSROOM	1902	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	90 MIN	62.0	EXISTING	HM		
LEVEL 01	H	H133A	EXIST (A)	CORR	1900	MALL	D101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	90 MIN	62.0	EXISTING	HM		
LEVEL 01	H	H136A	EXIST (A)	PHOTO LAB #1	1860	MALL	D101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	20 MIN	62.0	EXISTING	HM		
LEVEL 01	H	H137A	EXIST (A)	PHOTO LAB #2	1854	MALL	D101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	20 MIN	62.0	EXISTING	HM		
LEVEL 01	H	H147A	EXIST (A)	JOURNALIST	1866	CORRIDOR	F102	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	20 MIN	62.0	EXISTING	HM		
LEVEL 01	H	H165A	EXIST (A)	COSMETOLOGY	1874	CORRIDOR	G101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	20 MIN	62.0	EXISTING	HM		
LEVEL 01	H	H165B	EXIST (A)	COSMETOLOGY	1874	CORRIDOR	G101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	20 MIN	59.0	EXISTING	HM		
LEVEL 01	H	H170A	EXIST (A)	CORRIDOR	H168	LOCKER	1878	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	NR	77.0	EXISTING	HM		
LEVEL 02	H	H204A	EXIST (A)	CORRIDOR	E201	BUSINESS COMPUTER LAB	3010	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	H	H205A	EXIST (A)	CORRIDOR	E201	OFFICE EDUCATION	3012	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		

ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1&2 - AREA I

				From Room		To Room		Door						Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	AAOS Shared HW Set	Type	Material	STC	Comments
LEVEL 01	I	H108A	EXIST (A)	DRAFTING	1938	MALL	D101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	90 MIN	62.0	EXISTING	HM		
LEVEL 01	I	H108B	EXIST (A)	DRAFTING	1938	CUSTODIAL STORAGE	I137	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	90 MIN	59.0	EXISTING	HM		
LEVEL 01	I	H113A	EXIST (A)	PRODUCTION SYSTEMS	1932	MALL	D101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	90 MIN	62.0	EXISTING	HM		
LEVEL 01	I	H114A	EXIST (A)	ENERGY SYSTEMS	1933	SERVICE YARD	--	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	NR	57.0	EXISTING	HM		2N, CR BY SECURITY, P
LEVEL 01	I	H117A	EXIST (A)	HALL	H117	MALL	D101	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-HM	90 MIN	62.0	EXISTING	HM		
LEVEL 01	I	I120B	EXIST (AAX)	DRILL TEAM	1990			3' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	75.0	EXISTING	ALUM		CR, P
LEVEL 01	I	I131A	EXIST (A)	PREP AREA	1977	OFFICE	1982	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	69.0	EXISTING	HM		
LEVEL 01	I	I141	EXIST (AA)	TABLE STORAGE	1972	MALL	D101	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	59.0	EXISTING	HM		
LEVEL 02	I	H201A	EXIST (A)	CORRIDOR	E201	BUSINESS CLASSROOM	3004	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	I	H202A	EXIST (A)	CORRIDOR	E201	BUSINESS COMPUTER LAB	3006	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	I	H203A	EXIST (A)	CORRIDOR	E201	BUSINESS COMPUTER LAB	3008	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		

ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1&2 - AREA J

				From Room		To Room		Door						Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	AAOS Shared HW Set	Type	Material	STC	Comments
LEVEL 01	J	I101A	EXIST (BBX)	CORRIDOR	1044			6' - 0"	7' - 4"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	47.0	EXISTING	ALUM		CR, P
LEVEL 01	J	I112A	EXIST (A)	PREP AREA	1012	OFFICE	1020	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	69.0	EXISTING	HM		
LEVEL 01	J	I116A	EXIST (BBX)	CORRIDOR	I115			5' - 9 1/2"	5' - 3"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	46.0	EXISTING	ALUM		P
LEVEL 01	J	I116D	EXIST (BBX)	CORRIDOR	I119			5' - 9 1/2"	5' - 3"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	47.0	EXISTING	ALUM		CR, P
LEVEL 01	J	I120A	EXIST (BX)	CORRIDOR	I119	DRILL TEAM	1990	3' - 0"	7' - 6"	0' - 0"	EXISTING-ALUM/ GL	NR	38.0	EXISTING	ALUM		P
LEVEL 01	J	J152A	EXIST (A)	SHOWERS / DRESSING	1055	ASSISTANT COACHES	1054	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	J	J161A	EXIST (A)	CORRIDOR	1056	HEAD COACH	1045	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	J	J162A	EXIST (A)	ASSISTANT COACHES	1054	STOR	1053	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	J	J173B	EXIST (A)	BOYS' ATHETICS	1036	CORRIDOR	1056	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	43.0	EXISTING	HM		P
LEVEL 02	J	J210A	EXIST (A)	ELECT	J210	MECHANICAL	J201	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	60.0	EXISTING	HM		

ARCHITECTURAL - EXISTING DOOR - NEW HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1&2 - AREA K

				From Room		To Room		Door						Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	AAOS Shared HW Set	Type	Material	STC	Comments
LEVEL 01	K	J101A	EXIST (AAX)	LOBBY	1128			5' - 10 1/2"	9' - 3"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	49.0	EXISTING	ALUM		CR, P
LEVEL 01	K	J101B	EXIST (AAX)	LOBBY	1128			5' - 10 1/2"	9' - 3"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	51.0	EXISTING	ALUM		P
LEVEL 01	K	J101C	EXIST (AAX)	LOBBY	1128			5' - 10 1/2"	9' - 3"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	49.0	EXISTING	ALUM		CR, P
LEVEL 01	K	J101D	EXIST (AAX)	LOBBY	1128			5' - 10 1/2"	9' - 3"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	51.0	EXISTING	ALUM		P
LEVEL 01	K	J102B	EXIST (A)	WOMEN	1122	WOMEN	1122	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	K	J105B	EXIST (A)	MEN	1124	MEN	1124	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	K	J107A	EXIST (AA)	COMPETITION GYMNASIUM	1102	LOBBY	1128	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	K	J107B	EXIST (AA)	COMPETITION GYMNASIUM	1102	LOBBY	1128	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	K	J107C	EXIST (AA)	COMPETITION GYMNASIUM	1102	LOBBY	1128	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	K	J107D	EXIST (AA)	COMPETITION GYMNASIUM	1102	LOBBY	1128	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	K	J107E	EXIST (AA)	COMPETITION GYMNASIUM	1102	CORRIDOR	1100	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	K	J107F	EXIST (AA)	COMPETITION GYMNASIUM	1102	CORRIDOR	1130	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	K	J107G	EXIST (AA)	COMPETITION GYMNASIUM	1102	CORRIDOR	1130	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	K	J117A	EXIST (A)	GIRLS' ATHLETICS	J117	CORRIDOR	1130	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	39.0	EXISTING	HM		P
LEVEL 01	K	J117C	EXIST (A)	GIRLS' ATHLETICS	J117	GIRLS' PHYS EDUC	1104	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	K	J124B	EXIST (A)	MALL	D101	COACHES' OFFICE	1105	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	K	J125A	EXIST (A)	COACHES' OFFICE	1105	COACHES' DRESSING	J125	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	K	J127A	EXIST (A)	CORRIDOR	1130	MEETING ROOM	1103	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	K	J128A	EXIST (A)	GIRLS' PHYS EDUC	1104	CORRIDOR	1130	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	39.0	EXISTING	HM		P
LEVEL 01	K	J129A	EXIST (BBX)	CORRIDOR	1100			6' - 0"	7' - 6"	0' - 1 3/4"	EXISTING-ALUM/ GL	NR	33.0	EXISTING	ALUM		
LEVEL 01	K	J141A	EXIST (A)	CORRIDOR	J141	VEST	J134	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	K	J143A	EXIST (A)	CORRIDOR	1057	VEST	J136	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	K	J154A	EXIST (A)	CORRIDOR	1100	TRAINING ROOM	1050	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	69.0	EXISTING	HM		
LEVEL 01	K	J155A	EXIST (AA)	WEIGHT ROOM	1047	CORRIDOR	1056	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	K	J155B	EXIST (AA)	WEIGHT ROOM	1047	CORRIDOR	1056	6' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	41.0	EXISTING	HM		P
LEVEL 01	K	J171B	EXIST (A)	BOYS' PHYS EDUC	1030	CORRIDOR	1056	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	43.0	EXISTING	HM		P
LEVEL 01	K	J172B	EXIST (A)	MALL	D101	COACHES' OFFICE	1031	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	71.0	EXISTING	HM		
LEVEL 01	K	J173A	EXIST (A)	BOYS' ATHETICS	1036	CORRIDOR	1056	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	39.0	EXISTING	HM		P
LEVEL 01	K	J177A	EXIST (A)	COACHES' OFFICE	1031	COACHES' DRESSING	J177	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	K	J180A	EXIST (A)	TOILET	J166	VEST.	J180	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 01	K	J180B	EXIST (A)	TOILET	J167	VEST.	J180	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	77.0	EXISTING	HM		
LEVEL 02	K	J203A	EXIST (A)	CORRIDOR	C201	FOREIGN LANGUAGE	2006	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	K	J204A	EXIST (A)	CORRIDOR	C201	FOREIGN LANGUAGE	2008	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	K	J205A	EXIST (A)	CORRIDOR	C201	FOREIGN LANUAGE	2010	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	K	J206A	EXIST (A)	CORRIDOR	C201	FOREIGN LANUAGE	2012	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	K	J207A	EXIST (A)	CORRIDOR	C201	FOREIGN LANUAGE	2014	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	K	J208A	EXIST (A)	CORRIDOR	I203	FOREIGN LANUAGE	2016	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		
LEVEL 02	K	J209A	EXIST (A)	CORRIDOR	I203	FOREIGN LANUAGE	2018	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	20 MIN	62.0	EXISTING	HM		

DOOR & FRAME GENERAL NOTES

1. FOR GENERAL NOTES REGARDING DOORS AND DOOR FRAMES SEE SHEET A-611.
2. FOR DETAILS RELATING TO THE HEAD, JAMB, AND SILL FOR EACH DOOR TYPE, REFERENCE SHEET A-611.
3. LOCATE DOOR FRAMES WITH THE HINGE SIDE OF THE JAMB 4" FROM THE CORNER OF THE SPACE UNLESS SHOWN CENTERED IN THE WALL OR DIMENSIONED OTHERWISE. REFER TO DRAWING SHEET A-611 FOR MORE DETAIL.
4. FIRE LABELS ARE UL CLASSIFICATIONS WITH FIRE RATINGS SHOWN IN MINUTES. FIRE RATINGS AND/OR LABELS REQUIRED FOR DOORS APPLY EQUALLY TO THE FRAME AND THE HARDWARE. ANYWHERE A RATING IS SHOWN IN THE SCHEDULE, THE APPLICABLE LABEL SHALL BE APPLIED TO THE DOOR, THE FRAME, AND THE HARDWARE THAT IS TO BE USED ON SAID DOOR.
5. SIZE ALL FRAME THROAT DIMENSIONS 1/8" GREATER THAN THE ACTUAL PARTITION THICKNESS. ACTUAL THICKNESS INCLUDES ALL MATERIALS LISTED IN THE PARTITION SCHEDULE PLUS ALL OTHER MATERIALS (I.E. LEAD LINING) THAT ARE TO BE BUILT INTO THE PARTITION. DO NOT INCLUDE FINISHES APPLIED TO THE FACE OF THE PARTITION WHEN DETERMINING PARTITION THICKNESS UNLESS NOTED OTHERWISE.
6. ALL HM, WD, AND SCW DOORS ARE TO BE 1 3/4" THICK UNLESS NOTED OTHERWISE.
7. THE GENERAL CONTRACTOR IS TO COORDINATE THE INSTALLATION OF CARD READERS, ELECTRONIC LOCKING DEVICES, FIRE ALARMS, AUTO OPERATORS, AND ALL OTHER MONITORING DEVICES WITH THE DOOR AND FRAME HARDWARE.
8. FOR LEAD LINED DOORS, REFERENCE HEAD AND JAMB DETAILS FOR IN-WALL STEEL AND TUBE SUPPORTS. SEE SHEET A-611.
9. LEAD LINING, RF SHIELDING, AND ACOUSTICAL RATINGS REQUIRED FOR A GIVEN DOOR APPLY EQUALLY TO THE FRAME. GLAZING (IF PRESENT), AND THE HARDWARE.
10. PROVIDE A 3/4" UNDERCUT AT ALL TOILET ROOM DOORS - TYP.
11. THE UNDERCUT ON FIRE RATED DOORS (IF REQUIRED) SHALL NOT EXCEED 3/4".
12. ALL GLAZING USED IN THE INTERIOR DOORS SHALL BE LAMINATED TEMPERED "SAFETY GLASS" UNLESS NOTED OTHERWISE.
13. FOR ANY FIRE RATED DOORS THAT REQUIRE GLAZING, SAID GLAZING SHALL HAVE THE SAME RATING AS THE DOOR ITSELF AND SHALL NOT BE "WIRE GLASS".
14. FOR SITE ACCESS GATE DOOR AND DOOR TAG LOCATIONS REFER TO THE ENLARGED SITE PLAN SHEET AS-SERIES.
15. ALL DOORS THAT ARE TO RECEIVE PANIC HARDWARE (ELECTRIFIED OR NOT) SHALL HAVE CONCEALED VERTICAL RODS WITHIN THE DOOR LEAF.
16. ALL MAG LOCKS SHALL BE SUPPLIED WITH A DC POWER ADAPTER.
17. FOR ALL OTHER DOOR SCHEDULE ABBREVATIONS SEE LISTS BELOW.

FINISHES:
A: PAINT HM FRAMES UNO.
B: PAINT HM DOORS UNO.
C: PLAM SOV DOOR UNO.
D: STORE FRONT DOOR FINISH PER SPECIFICATION.
E: STAIN WOOD VENEER DOORS UNO.
F: SEE SPECIFICATIONS FOR ALL OTHER DOORS.

LABELS - FIRE RATINGS
3 HOURS
90 MINUTES
45 MINUTES
20 MINUTES
ST SMOKE TIGHT

DOOR & FRAME LEGEND

SYMBOL	DESCRIPTION
	NEW DOOR AND FRAME
	NEW DOOR AND FRAME WITH EMERGENCY RELEASE
	NEW DOOR AND FRAME ALLOW 180 SWING
	NEW DOOR AND FRAME DOUBLE EGRESS
	NEW DOOR PAIR AND FRAME ONE LEAF INACTIVE
	NEW DOOR AND FRAME UNEQUAL PAIR AS SCHED.
	EXISTING DOOR AND FRAME

DOOR SCHEDULE FINISH AND MATERIAL ABBREVIATIONS:

HM - HOLLOW METAL
PLM - PLASTIC LAMINATE
CGL - CLEAR GLASS (TEMPERED AND LAMINATED)
OGL - OPAQUE GLASS (TEMPERED AND LAMINATED)
GYP - GYPSUM BOARD
WD - WOOD
SCW - SOLID CORE WOOD
STAIN - STAINED WOOD
GS - GALVANIZED STEEL
SS - STAINLESS STEEL
STL - STEEL
CA - CLEAR ANODIZED ALUMINUM
AL - ALUMINUM
PNT - PAINT
ACR - ACRYLIC
VC - VINYL COATED

DOOR SCHEDULE COMMENTS CODES AND ABBREVIATIONS:

ADO - AUTOMATIC SWING DOOR OPERATOR
SDO - AUTOMATIC SLIDING DOOR OPERATOR
CR - CARD READER
ML - MAGNETIC LOCK (INTEGRATED DPS)
EL - ELECTRIC LOCKSET (INTEGRATED REX)
REX - REQUEST TO EXIT SWITCH
IREX - INFRARED SENSOR REX
MREX - MOTION SENSOR REX
MHO - MAGNETIC HOLD OPEN
HO - ELECTRIC HOLD OPEN DEVICE
EPT - ELECTRIC POWER TRANSFER
DPS - DOOR POSITION SENSOR
P - EXIT/PANIC HARDWARE
PEH - PEEP HOLE/DOOR VIEWER
EP - ELECTRIC EXIT/PANIC HARDWARE (INTEGRATED REX)
EPA - ELECTRIC EXIT/PANIC HARDWARE (LOCAL AUDIBLE AND MONITORING)
SMK - SMOKE SEALS
SND - SOUND SEALS
B - BULLET RESISTANT
LL - LEAD-LINED DOOR
CYL - CYLINDER LOCK W/ KEY OVERRIDE
180 - DOOR WITH A 180 DEGREE SWINGING HINGE
FH - FIXED HANDLE / DUMMY HARDWARE
LK - DOOR LOCK
PL - DOOR PRIVACY LOCK
PS - DOOR PASSAGE SET
CL - DOOR CLOSER
PP - PUSH PULL
KP - KEY PAD
PB - PUSH BUTTON
RR - REMOTE RELEASE
NR - DOOR NOT FIRE RATED
PR - PAIR

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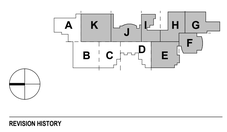

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
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SHEET NAME

ARCHITECTURAL - EXISTING DOOR AND NEW HARDWARE SCHEDULE - AREAS H - K

SHEET NUMBER

A-623

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ARCHITECTURAL - NEW DOOR HARDWARE SCHEDULE - RECEPTION, MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE - LEVEL 1&2 - AREA A - F

				From Room		To Room		Door						Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	AAOS Shared HW Set	Type	Material	STC	Comments
LEVEL 01	A	B105	A	VESTIBULE	B106	MEN`S RESTROOM	B105	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	30.0	A	HM		
LEVEL 01	A	B107	A	VESTIBULE	B106	WOMEN`S RESTROOM	B107	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	30.0	A	HM		
LEVEL 02	B	C239A	A	CORRIDOR	C208	WOMEN	C239	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	25.0	A	HM		
LEVEL 02	C	C241A	A	CORRIDOR	C208	MEN	C2401	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	25.0	A	HM		
LEVEL 01	D	1506D	G	SECURITY	1506	SECURITY	1506	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM/GLZ	NR		A	ALUM		CR
LEVEL 02	D	D229A	A	CORRIDOR	D208	WOMEN	D229	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	25.0	A	HM		
LEVEL 02	D	D231A	A	CORRIDOR	D208	MEN	D231	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	25.0	A	HM		
LEVEL 01	F	F1002A	AA	CORRIDOR	F1001	AUDITORIUM STORAGE	F1002	6' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	18.0	B	HM		
LEVEL 01	F	F1001A	BBX			CORRIDOR	F1001	6' - 6"	7' - 0"	0' - 1 3/4"	ALUM/GLZ	NR	2.0	BX	ALUM		CR, P
LEVEL 01	F	F117A	A	CORRIDOR	F102	MEN	F117	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	20 MIN	31.0	A	HM		

ARCHITECTURAL - NEW DOOR HARDWARE SCHEDULE - MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE - LEVEL 1 - AREA G

				From Room		To Room		Door						Frame				
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	AAOS Project HW Set	Type	Material	STC	Comments
LEVEL 01	G	C103	A	VESTIBULE	C103	CORRIDOR	C101	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	45 MIN		A	HM	STC 51	P
LEVEL 01	G	C106	A	CHORAL ROOM	1850	ENSEMBLE	C106	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	G	C107H	A	SCULPTURE	1883			3' - 0"	7' - 4"	0' - 1 3/4"	SCPL	NR		A	HM		
LEVEL 01	G	C108-1	A	CHORAL ROOM	1850			3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	G	C111	A	CHORAL ROOM	1850	PRACTICE	C111	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	G	C112	A	CHORAL ROOM	1850	PRACTICE	C112	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	G	C115	A	VESTIBULE	C115	CORRIDOR	G129	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	45 MIN		A	HM	STC 51	P
LEVEL 01	G	C119	A	BAND HALL	1810	PERCUSSION	1813	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	G	C120	A	BAND HALL	1810	REHEARSAL-2	1814	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	G	C121	A	BAND HALL	1810	REHEARSAL-1	1815	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	G	G106A	A	BAND HALL	1810	INSTRUMENT STORAGE	1816	3' - 0"	6' - 10"	0' - 1 3/4"	HM	NR		A	HM		
LEVEL 01	G	G111A	A	BAND HALL	1810	CORRIDOR	G129	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	20 MIN		A	HM		P
LEVEL 01	G	G111B	A	BAND HALL	1810			4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	P
LEVEL 01	G	G135A	A	ORCHESTRA	1840	CORRIDOR	G129	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	20 MIN		A	HM		P
LEVEL 01	G	G1001A	BBX	CORRIDOR	G1001			6' - 0"	7' - 0"	0' - 1 3/4"	ALUM/GLZ	NR	BX	2.0	ALUM		CR, P
LEVEL 01	G	G1002A	A			CORRIDOR	G1002	4' - 0"	7' - 4"	0' - 1 3/4"	SCPL	NR	A	12.0	HM	STC 51	P
LEVEL 01	G	G1002B	A	VESTIBULE	G1020	CORRIDOR	G1002	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	A	12.0	HM	STC 51	P
LEVEL 01	G	G1003A	BBX	CORRIDOR	1003			6' - 0"	7' - 0"	0' - 1 3/4"	ALUM/GLZ	NR	BX	2.0	ALUM		CR, P
LEVEL 01	G	G1004A	NN	VESTIBULE	G1004	CORRIDOR	G1001	6' - 0"	7' - 0"	0' - 1 3/4"	SCPL	NR	B	13.0	HM	STC 53	P
LEVEL 01	G	G1004B	AA	BLACK BOX	G1006	VESTIBULE	G1004	6' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	B	29.0	HM	STC 40	BLACK PLM DOOR, BLACK FRAME FINISH
LEVEL 01	G	G1005A	AA	CHAIR STORAGE	G1005	BLACK BOX	G1006	6' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	B	18.0	HM		BLACK PLM DOOR, BLACK FRAME FINISH
LEVEL 01	G	G1008A	A	BLACK BOX	G1006	VESTIBULE	G1008	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	A	28.0	HM	STC 40	BLACK PLM DOOR, BLACK FRAME FINISH
LEVEL 01	G	G1008B	N	VESTIBULE	G1008	CORRIDOR	1003	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	A	8.0	HM	STC 53	P
LEVEL 01	G	G1009A	N	BLACK BOX	G1006	CONTROL ROOM	G1009	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	A	22.0	HM	STC 40	BLACK PLM DOOR, BLACK FRAME FINISH
LEVEL 01	G	G1010A	G	BLACK BOX	G1006	OFFICE	G1010	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	G	23.0	HM		BLACK PLM DOOR, BLACK FRAME FINISH
LEVEL 01	G	G1011A	N	ART	G1011	CORRIDOR	1003	3' - 0"	7' - 0"	0' - 1 3/4"	SCPL		A	10.0	HM		P
LEVEL 01	G	G1011B	BX			ART	G1011	3' - 0"	7' - 4"	0' - 1 3/4"	ALUM/GLZ	NR	AX	1.0	ALUM		CR, P
LEVEL 01	G	G1012A	A	ART STORAGE	G1013	ART	G1011	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	G	17.0	HM		
LEVEL 01	G	G1014A	G	ART OFFICE	G1014	CORRIDOR	1003	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	G	23.0	HM		
LEVEL 01	G	G1015A	A	DIGITAL ART	G1017	WORK ROOM	G1015	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	G	20.0	HM		
LEVEL 01	G	G1016A	AX	IDF	G1016			3' - 0"	7' - 4"	0' - 1 3/4"	HM	90 MIN	AX	5.0	HM		
LEVEL 01	G	G1017A	N	DIGITAL ART	G1017	CORRIDOR	1003	3' - 0"	7' - 0"	0' - 1 3/4"	SCPL		A	10.0	HM		P
LEVEL 01	G	G1017B	AX	DIGITAL ART	G1017			3' - 0"	7' - 4"	0' - 1 3/4"	HM	NR	AX	3.0	HM		CR, P, PEH
LEVEL 01	G	G1018A	A	VESTIBULE	G1020	ENSEMBLE	G1018	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	A	24.0	HM	STC 51	
LEVEL 01	G	G1019A	AAX	MECHANICAL	G1019			6' - 0"	7' - 4"	0' - 1 3/4"	HM	90 MIN	BX	19.0	HM		
LEVEL 01	G	G1021A	A	VESTIBULE	G1020	PRACTICE	G1021	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	A	24.0	HM	STC 51	
LEVEL 01	G	G1022A	A	VESTIBULE	G1020	PRACTICE	G1022	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	A	24.0	HM	STC 51	
LEVEL 01	G	G1023A	A	VESTIBULE	G1020	MUSIC LIBRARY	G1023	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	A	14.0	HM		
LEVEL 01	G	G1024A	A	VESTIBULE	G1020	PRACTICE	G1024	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	A	24.0	HM	STC 51	
LEVEL 01	G	G1026A	AX	KILN	G1026			3' - 0"	7' - 4"	0' - 1 3/4"	HM	90 MIN	AX	5.0	HM		PEH
LEVEL 01	G	G1850A	AX	CHORAL ROOM	1850			4' - 0"	7' - 4"	0' - 1 3/4"	HM	NR	AX		HM		CR, P

ARCHITECTURAL - NEW DOOR HARDWARE SCHEDULE - MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE - LEVEL 1 - AREA H

				From Room		To Room		Door						Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	AAOS Project HW Set	Type	Material	STC	Comments
LEVEL 01	H	G119A	A	BAND HALL	1810	PRACTICE	1821	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	H	G121A	A	BAND HALL	1810	PRACTICE	1822	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	H	G122A	A	BAND HALL	1810	PRACTICE	1823	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	H	G123A	A	BAND HALL	1810	PRACTICE	1824	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	H	G124A	A	BAND HALL	1810	PRACTICE	1825	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM	STC 51	
LEVEL 01	H	H138A	A	CORRIDOR	F102	GIRLS	H138	3' - 0"	6' - 10"	0' - 1 3/4"	HM	20 MIN		A	HM		
LEVEL 01	H	H153A	A	CORRIDOR	1872	GIRLS	1915	3' - 0"	6' - 10"	0' - 1 3/4"	HM	NR		A	HM		
LEVEL 01	H	H154A	A	CORRIDOR	1872	BOYS	1914	3' - 0"	6' - 10"	0' - 1 3/4"	HM	NR		A	HM		
LEVEL 01	H	H155A	A	AUTO MECHANICS	1909	CLASSRM	1913	4' - 0"	6' - 10"	0' - 1 3/4"	HM	NR		A	HM		
LEVEL 01	H	H156B	A	OFFICE	1911	STOR	1912	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM		
LEVEL 01	H	H157A	A	TOOL RM	1910	STOR	1865	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR		A	HM		
LEVEL 01	H	H158A	A	AUTO MECHANICS	1909	OFFICE	1911	3' - 0"	6' - 10"	0' - 1 3/4"	HM	NR		A	HM		
LEVEL 01	H	H159A	A	AUTO MECHANICS	1909	TOOL RM	1910	4' - 0"	6' - 10"	0' - 1 3/4"	HM	NR		A	HM		
LEVEL 01	H	H161A	A	CORRIDOR	1872	CORRIDOR	G101	3' - 0"	6' - 10"	0' - 1 3/4"	HM	3 HRS		A	HM		P
LEVEL 01	H	H171A	A	AUTO MECHANICS	1909	SERVICE YARD	--	3' - 0"	6' - 10"	0' - 1 3/4"	HM	NR		A	HM		CR, P
LEVEL 01	H	H171H	AX	AUTO MECHANICS	1909	SERVICE YARD	--	3' - 0"	6' - 10"	0' - 1 3/4"	HM	NR		AX	HM		CR, P
LEVEL 01	H	H172A	A	MECHANICAL	1916	AUTO MECHANICS	1909	3' - 0"	6' - 10"	0' - 1 3/4"	HM	20 MIN		A	HM		
LEVEL 01	H	H172B	A	MECHANICAL	1917	MECHANICAL	1916	3' - 0"	6' - 10"	0' - 1 3/4"	HM	3 HRS		A	HM		
LEVEL 01	H	H173A	A	ELECTRICAL	1918	MECHANICAL	1916	3' - 0"	6' - 10"	0' - 1 3/4"	HM	20 MIN		A	HM		

ARCHITECTURAL - NEW DOOR HARDWARE SCHEDULE - MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE - LEVEL 1 - AREA I

				From Room		To Room		Door						Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	AAOS Shared HW Set	Type	Material	STC	Comments
LEVEL 01	I	H107A	A	CUSTODIAL STORAGE	I137	BREAK ROOM	1958	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	20 MIN		A	HM		
LEVEL 01	I	I125A	A	DRILL TEAM	1990	DRESSING ROOM	1992	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	30.0	A	HM		
LEVEL 01	I	I129A	A	PREP AREA	1977	FOYER	I142	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	20 MIN		A	HM		
LEVEL 01	I	I129B	A	BOILER ROOM	1965	FOYER	I142	3' - 0"	6' - 10"	0' - 1 3/4"	HM	NR	59.0	A	HM		
LEVEL 01	I	I137A	NN	CUSTODIAL STORAGE	I137	MALL	D101	6' - 0"	6' - 10"	0' - 1 3/4"	SCPL	20 MIN	7.0	B	HM		p
LEVEL 01	I	I137B	NN	CUSTODIAL STORAGE	I137	FOYER	I142	6' - 0"	6' - 10"	0' - 1 3/4"	HM	20 MIN	6.0	B	HM		CR, P
LEVEL 01	I	I138A	AA	MECHANICAL	1955	CUSTODIAL STORAGE	I137	6' - 0"	6' - 10"	0' - 1 3/4"	SCPL	20 MIN		B	HM		
LEVEL 01	I	I141A	A	STORAGE	1953	CUSTODIAL STORAGE	I137	4' - 0"	6' - 10"	0' - 1 3/4"	SCPL	20 MIN	59.0	A	HM		
LEVEL 01	I	I142A	AA	FOYER	I142	SERVICE YARD	--	6' - 0"	7' - 4"	0' - 1 3/4"	HM	NR	4.0	B	HM		2N, CR BY SECURITY

ARCHITECTURAL - NEW DOOR HARDWARE SCHEDULE - EXTERIOR, CLASSROOM AND ADMINISTRATION - LEVEL 1 - AREA K

				From Room		To Room		Door						Frame			
Level	AREA	Door Number	Door Type	Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Fire Rating	AAOS Shared HW Set	Type	Material	STC	Comments
LEVEL 01	K	H131I	AX	VEST	J136			3' - 0"	7' - 4"	0' - 1 3/4"	HM	NR	3.0	A	HM		CR, P
LEVEL 01	K	H131J	AX	VEST	J134			3' - 0"	7' - 4"	0' - 1 3/4"	HM	NR	3.0	A	HM		CR, P
LEVEL 01	K	J102A	A	LOBBY	1128	WOMEN	1122	3' - 0"	6' - 10"	0' - 1 3/4"	EXISTING-SCPL	NR	30.0	A	HM		
LEVEL 01	K	J105A	A	LOBBY	1128	MEN	1124	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	NR	30.0	A	HM		
LEVEL 01	K	J171A	A	BOYS PHYS EDUC	1030	CORRIDOR	1056	3' - 0"	6' - 10"	0' - 1 3/4"	SCPL	20 MIN	9.0	A	HM		P

DOOR & FRAME GENERAL NOTES

1. FOR GENERAL NOTES REGARDING DOORS AND DOOR FRAMES SEE SHEET A-611.
2. FOR DETAILS RELATING TO THE HEAD, JAMB, AND SILL FOR EACH DOOR TYPE, REFERENCE SHEET A-611.
3. LOCATE DOOR FRAMES WITH THE HINGE SIDE OF THE JAMB 4" FROM THE CORNER OF THE SPACE UNLESS SHOWN CENTERED IN THE WALL OR DIMENSIONED OTHERWISE. REFER TO DRAWING SHEET A-611 FOR MORE DETAIL.
4. FIRE LABELS ARE UL CLASSIFICATIONS WITH FIRE RATINGS SHOWN IN MINUTES. FIRE RATINGS AND/OR LABELS REQUIRED FOR DOORS APPLY EQUALLY TO THE FRAME AND THE HARDWARE. ANYWHERE A RATING IS SHOWN IN THE SCHEDULE, THE APPLICABLE LABEL SHALL BE APPLIED TO THE DOOR, THE FRAME, AND THE HARDWARE THAT IS TO BE USED ON SAID DOOR.
5. SIZE ALL FRAME THROAT DIMENSIONS 1/8" GREATER THAN THE ACTUAL PARTITION THICKNESS. ACTUAL THICKNESS INCLUDES ALL MATERIALS LISTED IN THE PARTITION SCHEDULE PLUS ALL OTHER MATERIALS (I.E. LEAD LINING) THAT ARE TO BE BUILT INTO THE PARTITION. DO NOT INCLUDE FINISHES APPLIED TO THE FACE OF THE PARTITION WHEN DETERMINING PARTITION THICKNESS UNLESS NOTED OTHERWISE.
6. ALL HM, WD, AND SCW DOORS ARE TO BE 1 3/4" THICK UNLESS NOTED OTHERWISE.
7. THE GENERAL CONTRACTOR IS TO COORDINATE THE INSTALLATION OF CARD READERS, ELECTRONIC LOCKING DEVICES, FIRE ALARMS, AUTO OPERATORS, AND ALL OTHER MONITORING DEVICES WITH THE DOOR AND FRAME HARDWARE.
8. FOR LEAD LINED DOORS, REFERENCE HEAD AND JAMB DETAILS FOR IN-WALL STEEL AND TUBE SUPPORTS. SEE SHEET A-611.
9. LEAD LINING, RF SHIELDING, AND ACOUSTICAL RATINGS REQUIRED FOR A GIVEN DOOR APPLY EQUALLY TO THE FRAME, GLAZING (IF PRESENT), AND THE HARDWARE.
10. PROVIDE A 3/4" UNDERCUT AT ALL TOILET ROOM DOORS - TYP.
11. THE UNDERCUT ON FIRE RATED DOORS (IF REQUIRED) SHALL NOT EXCEED 3/4".
12. ALL GLAZING USED IN THE INTERIOR DOORS SHALL BE LAMINATED TEMPERED "SAFETY GLASS" UNLESS NOTED OTHERWISE.
13. FOR ANY FIRE RATED DOORS THAT REQUIRE GLAZING, SAID GLAZING SHALL HAVE THE SAME RATING AS THE DOOR ITSELF AND SHALL NOT BE "WIRE GLASS".
14. FOR SITE ACCESS GATE DOOR AND DOOR TAG LOCATIONS REFER TO THE ENLARGED SITE PLAN SHEET AS-SERIES.
15. ALL DOORS THAT ARE TO RECEIVE PANIC HARDWARE (ELECTRIFIED OR NOT) SHALL HAVE CONCEALED VERTICAL RODS WITHIN THE DOOR LEAF.
16. ALL MAG LOCKS SHALL BE SUPPLIED WITH A DC POWER ADAPTER.
17. FOR ALL OTHER DOOR SCHEDULE ABBREVATIONS SEE LISTS BELOW.

FINISHES:
A: PAINT HM FRAMES UNO.
B: PAINT HM DOORS UNO.
C: PLAM SOV DOOR UNO.
D: STORE FRONT DOOR FINISH PER SPECIFICATION.
E: STAIN WOOD VENEER DOORS UNO.
F: SEE SPECIFICATIONS FOR ALL OTHER DOORS.

LABELS - FIRE RATINGS
3 HOURS
90 MINUTES
45 MINUTES
20 MINUTES
ST SMOKE TIGHT

DOOR & FRAME LEGEND

SYMBOL	DESCRIPTION
	NEW DOOR AND FRAME
	NEW DOOR AND FRAME WITH EMERGENCY RELEASE
	NEW DOOR AND FRAME ALLOW 180 SWING
	NEW DOOR AND FRAME DOUBLE EGRESS
	NEW DOOR PAIR AND FRAME ONE LEAF INACTIVE
	NEW DOOR AND FRAME UNEQUAL PAIR AS SCHED.
	EXISTING DOOR AND FRAME

DOOR SCHEDULE FINISH AND MATERIAL ABBREVIATIONS:

HM - HOLLOW METAL
PLM - PLASTIC LAMINATE
CGL - CLEAR GLASS (TEMPERED AND LAMINATED)
OGL - OPAQUE GLASS (TEMPERED AND LAMINATED)
GYP - GYPSUM BOARD
WD - WOOD
SCW - SOLID CORE WOOD
STAIN - STAINED WOOD
GS - GALVANIZED STEEL
SS - STAINLESS STEEL
STL - STEEL
CA - CLEAR ANODIZED ALUMINUM
AL - ALUMINUM
PNT - PAINT
ACR - ACRYLIC
VC - VINYL COATED

DOOR SCHEDULE COMMENTS CODES AND ABBREVIATIONS:

ADO - AUTOMATIC SWING DOOR OPERATOR
SDO - AUTOMATIC SLIDING DOOR OPERATOR
CR - CARD READER
ML - MAGNETIC LOCK (INTEGRATED DPS)
EL - ELECTRIC LOCKSET (INTEGRATED REX)
REX - REQUEST TO EXIT SWITCH
IREX - INFRARED SENSOR REX
MREX - MOTION SENSOR REX
MHO - MAGNETIC HOLD OPEN
HO - ELECTRIC HOLD OPEN DEVICE
EPT - ELECTRIC POWER TRANSFER
DPS - DOOR POSITION SENSOR
P - EXIT/PANIC HARDWARE
PEH - PEEP HOLE/DOOR VIEWER
EP - ELECTRIC EXIT/PANIC HARDWARE (INTEGRATED REX)
EPA - ELECTRIC EXIT/PANIC HARDWARE (LOCAL AUDIBLE AND MONITORING)
SMK - SMOKE SEALS
SND - SOUND SEALS
B - BULLET RESISTANT
LL - LEAD-LINED DOOR
CYL - CYLINDER LOCK W/ KEY OVERRIDE
180 - DOOR WITH A 180 DEGREE SWINGING HINGE
FH - FIXED HANDLE / DUMMY HARDWARE
LK - DOOR LOCK
PL - DOOR PRIVACY LOCK
PS - DOOR PASSAGE SET
CL - DOOR CLOSER
PP - PUSH PULL
KP - KEY PAD
PB - PUSH BUTTON
RR - REMOTE RELEASE
NR - DOOR NOT FIRE RATED
PR - PAIR

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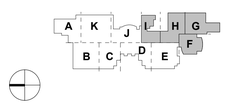
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - NEW DOOR AND NEW HARDWARE SCHEDULE - LEVEL 1 - AREAS F - I

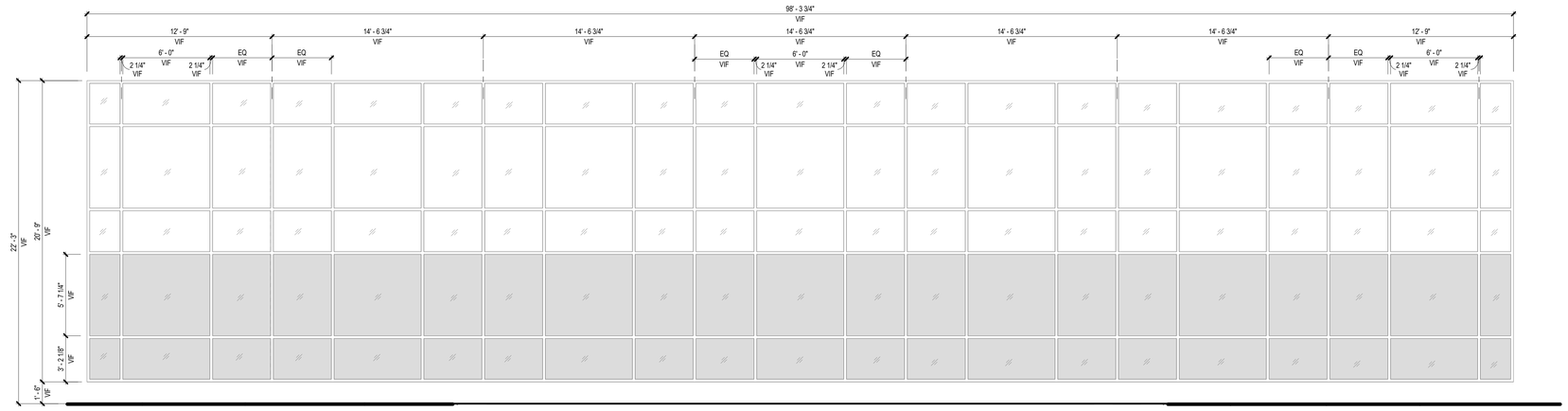
SHEET NUMBER

A-624

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
USER NAME:
DATE & TIME: 12/6/2024 3:09:57 PM

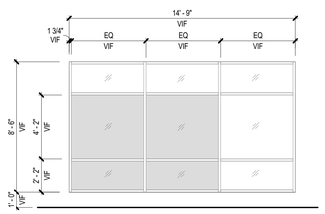
EXISTING WINDOW LEGEND

APPLY SECURITY FILM TO INTERIOR SIDE OF EXISTING GLAZING



7 AREA J - EXISTING EXTERIOR WINDOW TYPE E- CURVED STOREFRONT

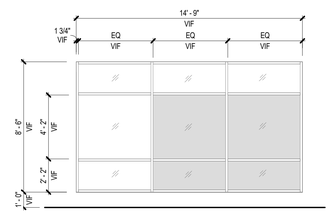
SCALE: 1/4" = 1'-0"



NOTE: VIEW FROM EXTERIOR SIDE, TYPICAL

6 AREA K - EXISTING EXTERIOR WINDOW TYPE D1 - GYM

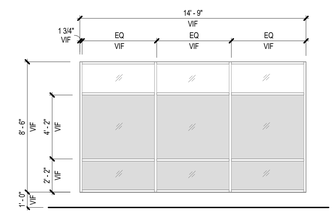
SCALE: 1/4" = 1'-0"



NOTE: VIEW FROM EXTERIOR SIDE, TYPICAL

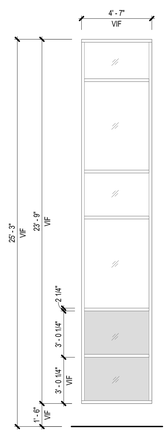
5 AREA K - EXISTING EXTERIOR WINDOW TYPE D2 - GYM

SCALE: 1/4" = 1'-0"



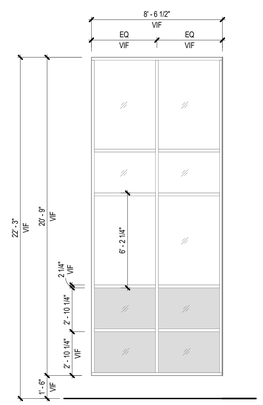
4 AREA K - EXISTING EXTERIOR WINDOW TYPE D - GYM

SCALE: 1/4" = 1'-0"



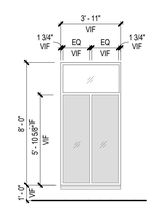
3 AREA D - EXISTING EXTERIOR WINDOW TYPE C - FRONT ENTRANCE

SCALE: 1/4" = 1'-0"



2 AREA D - EXISTING EXTERIOR WINDOW TYPE B- FRONT ENTRANCE

SCALE: 1/4" = 1'-0"



1 EXISTING EXTERIOR WINDOW - TYPE A

SCALE: 1/4" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM W. PRIDE 21909 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - GLAZING ELEVATIONS - EXISTING

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A-631

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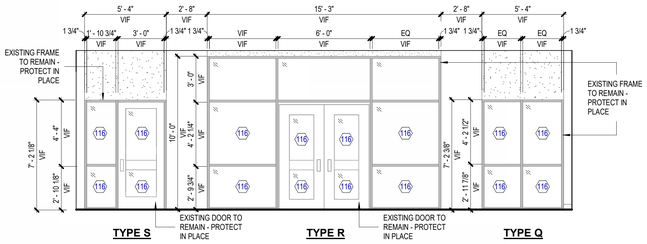
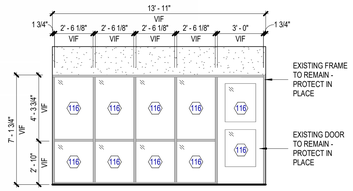
USER NAME:
DATE & TIME: 12/26/2024 3:10:08 PM

NOTE: GC SHALL VERIFY ALL PANELS FOR CRAZING AND REPLACE AS NEEDED



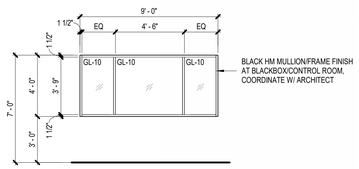
11 STOREFRONT ELEVATION NORTH - EXISTING
SCALE: 1/4" = 1'-0"

NOTE: GC SHALL VERIFY ALL PANELS FOR CRAZING AND REPLACE AS NEEDED

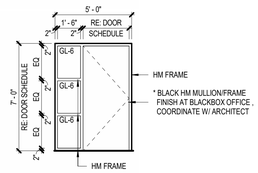


12 STOREFRONT ELEVATION EAST - EXISTING
SCALE: 1/4" = 1'-0"

GLAZING PANEL REPLACEMENT



10 AREA G - NEW INTERIOR WINDOW TYPE O
SCALE: 1/4" = 1'-0"



9 AREA G NEW INTERIOR WINDOW TYPE N
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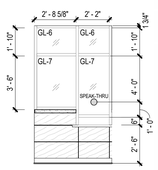

8 AREA D - NEW INTERIOR WINDOW TYPE M - RECEPTION
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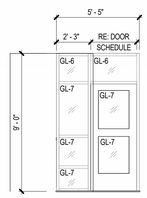

7 AREA D - NEW INTERIOR WINDOW TYPE L - RECEPTION
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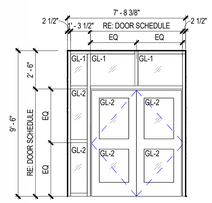
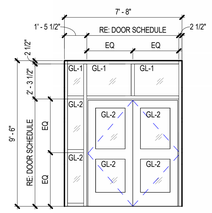


6 AREA G - NEW EXTERIOR WINDOW TYPE K
SCALE: 1/4" = 1'-0"



5 AREA G - NEW EXTERIOR WINDOW TYPE J
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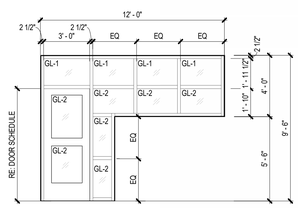
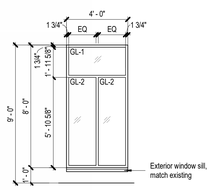
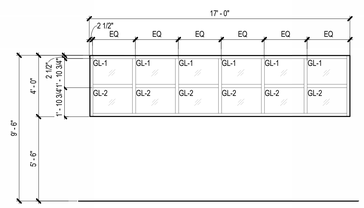


4 AREA G - NEW EXTERIOR WINDOW TYPE I
SCALE: 1/4" = 1'-0"



3 AREA G - NEW EXTERIOR WINDOW TYPE H
SCALE: 1/4" = 1'-0"



2 AREA G - NEW EXTERIOR WINDOW TYPE G
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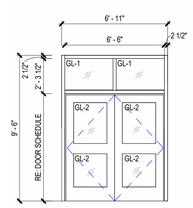

1 AREA F - NEW EXTERIOR WINDOW TYPE F
SCALE: 1/4" = 1'-0"

NEW WINDOW LEGEND

GL-1	EXTERIOR INSULATED / IMPACT LAMINATED GLAZING
GL-2	EXTERIOR INSULATED GLASS / SECURITY FILM ON INTERIOR SIDE
GL-3	EXTERIOR LAMINATED SECURITY GLASS
GL-4	3/8" INTERIOR LAMINATED SECURITY GLASS
GL-6	FULLY TEMPERED FLOAT GLASS
GL-7	9/16" INTERIOR LAMINATED SECURITY GLASS
GL-8	INTERIOR LAMINATED SECURITY GLASS / FIRE RATED GLASS
GL-9	INTERIOR FIRE RATED GLASS
GL-10	INTERIOR INSULATED / LAMINATED GLASS (STC 40 MINIMUM)

GENERAL NOTE

1. 08 80 00 - GLAZING THICKNESS FOR EACH GLASS TYPE.
2. ALL WINDOW FRAMES AND MULLIONS SHALL BE ALUMINUM U.N.O.

KEYED NOTES

NUMBER	DESCRIPTION
116	GC SHALL FIELD VERIFY, DOCUMENT, AND REPLACE SECURITY GLAZING PANELS AT VESTIBULE THAT EXHIBIT CRAZING. MATCH EXISTING GLAZING TYPE, PERFORMANCE, AND TINT. REFER TO WINDOW ELEVATIONS.

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINGATE 27908 STATE OF TEXAS
12/9/2024

CLIENT

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ARCHITECTURAL - GLAZING ELEVATIONS - NEW

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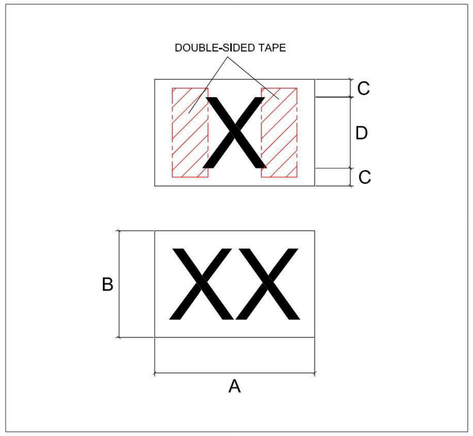
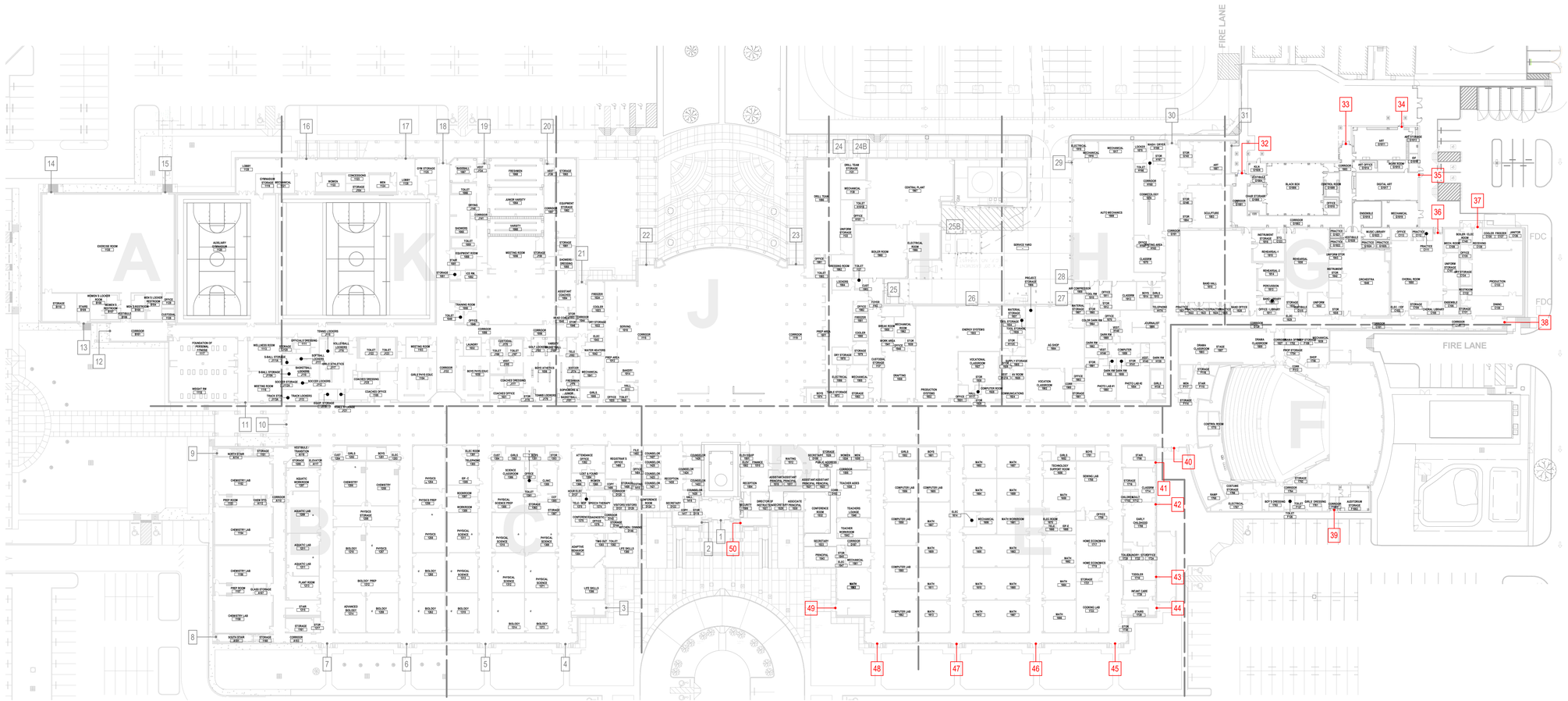


SIGN BLANKS:
.040 ALUMINUM
Border and Letters: BLACK
Background: WHITE

DIMENSIONS (INCHES)

CLASS	A	B	C	D	E	F	G	H	I	J	K	L	M
	9	6	1	4									

2 **CY-FAIR ISD EXTERIOR DOOR SIGNAGE STANDARDS**
SCALE: 1 1/2" = 1'-0"



1 **ARCHITECTURAL - OFP - LEVEL 01 EXTERIOR EXITS**
SCALE: 1" = 40'-0"

EXTERIOR DOOR SIGNAGE GENERAL NOTES

1. ALL SIGNAGE SHALL COMPLY WITH TAS.
2. ALL SIGNAGE SHOULD BE MOUNTED IN COMPLIANCE WITH TAS.
3. BUILDING: EXTERIOR ENTRANCES ARE TO BE LABELED, ON THE EXTERIOR AND INTERIOR, WITH A NUMBERED SIGN STARTING WITH THE NUMBER "1" AT THE FRONT MAIN ENTRY AND CONTINUING CLOCKWISE AROUND THE BUILDING FOR ALL REMAINING ENTRIES.
4. EXTERIOR ENTRANCE SIGNS SHALL BE 9" WIDE BY 6" HIGH, WITH GLOSS WHITE BACKGROUND AND 4" HIGH GLOSS BLACK NUMBERS/LETTERS. CONFIRM FINAL MATERIALS AND GRAPHICS WITH CFISD.
5. BUILDING ENTRANCE SIGNS SHALL BE MOUNTED ABOVE THE ENTRANCE, INTERIOR AND EXTERIOR, WITH MECHANICAL FASTNERS OR CLEAR DOUBLE SIDED VHB TAPE. USE VHB TAPE AT GLAZING.
6. SMALL ANCILLARY BUILDINGS SEPARATE FROM THE MAIN BUILDING (E.G., CONCESSION STANDS) ARE NOT INCLUDED IN THE DOOR NUMBERING SEQUENCE.
7. EXTERIOR DOORS THAT LEAD TO MECHANICAL OR STORAGE ROOMS THAT DON'T HAVE ACCESS TO THE INTERIOR OF THE BUILDING ARE NOT INCLUDED IN THE DOOR NUMBERING SEQUENCE.

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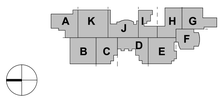
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - SIGNAGE - EXTERIOR DOOR NUMBERING

SHEET NUMBER
A-633

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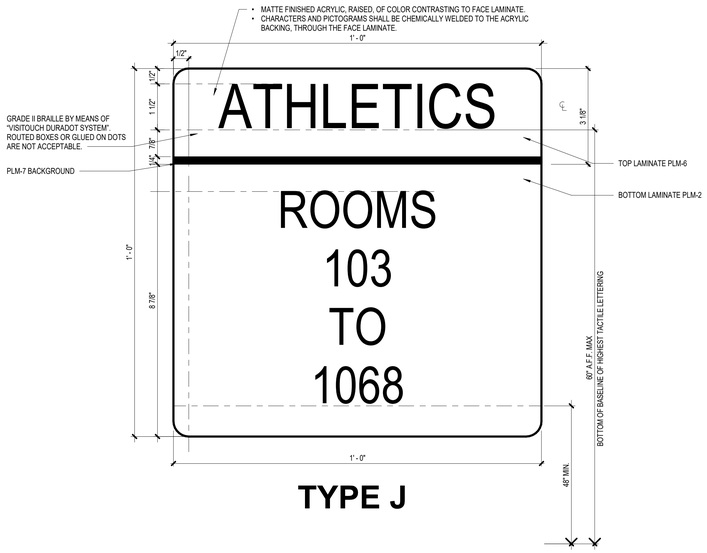

TYPE J

2 SIGN TYPE B - WAYFINDING

SCALE: 6" = 1'-0"

SIGNAGE				
Level	SIGN TYPE	SIGN TYPE NUMBER	LARGE TEXT	WAYFINDING TEXT
LEVEL 01				
LEVEL 01	J	J1	(VERIFY EXIST.)	ROOMS 1151 TO 1158
LEVEL 01	J	J2	VERIFY EXIST.	ROOMS D101 TO 1750
LEVEL 01	J	J3	(VERIFY EXIST.)	ROOMS D101 TO 1750
LEVEL 01	J	J4	(VERIFY EXIST.)	ROOMS D101 TO 1750
LEVEL 01	J	J5	VERIFY EXIST.	ROOMS D101 TO 1750
LEVEL 01	J	J6	(VERIFY EXIST.)	ROOMS D101 TO 1750
LEVEL 01	J	J7	(VERIFY EXIST.)	ROOMS D101 TO 1750
LEVEL 01	J	J8	(VERIFY EXIST.)	ROOMS D101 TO 1750
LEVEL 01	J	J9	(VERIFY EXIST.)	ROOMS D101 TO 1750
LEVEL 01	J	J10	(VERIFY EXIST.)	ROOMS D101 TO 1750
LEVEL 01	J	J11	(VERIFY EXIST.)	ROOMS G143 TO EXIT
LEVEL 01	J	J12	(VERIFY EXIST.)	ROOMS G143 TO EXIT
LEVEL 01	J	J13	(VERIFY EXIST.)	ROOMS 1067 TO 1315
LEVEL 01	J	J14	(VERIFY EXIST.)	ROOMS 1125 TO 1262
LEVEL 01	J	J15	VERIFY EXIST.	ROOMS 1043 TO 1117
LEVEL 02				
LEVEL 02	J	J16	(VERIFY EXIST.)	ROOMS 2052 TO A223
LEVEL 02	J	J17	(VERIFY EXIST.)	ROOMS A219 TO C238
LEVEL 02	J	J18	(VERIFY EXIST.)	ROOMS A219 TO C238
LEVEL 02	J	J19	(VERIFY EXIST.)	ROOMS 242 TO 2451
LEVEL 02	J	J20	(VERIFY EXIST.)	ROOMS 242 TO 2451
LEVEL 02	J	J21	(VERIFY EXIST.)	ROOMS 2515 TO 2904
LEVEL 02	J	J22	(VERIFY EXIST.)	ROOMS 2515 TO 2904
LEVEL 02	J	J23	(VERIFY EXIST.)	ROOMS 2515 TO 2904
LEVEL 02	J	J24	(VERIFY EXIST.)	ROOMS 2515 TO 2904
LEVEL 02	J	J25	(VERIFY EXIST.)	ROOMS H212 TO J212
LEVEL 02	J	J26	(VERIFY EXIST.)	ROOMS H212 TO J212
LEVEL 02	J	J27	(VERIFY EXIST.)	ROOMS H212 TO J212
LEVEL 02	J	J28	(VERIFY EXIST.)	ROOMS H212 TO J212
LEVEL 02	J	J29	(VERIFY EXIST.)	ROOMS H212 TO J212
LEVEL 02	J	J30	(VERIFY EXIST.)	ROOMS H212 TO J212

1 ARCHITECTURAL - OVERALL SIGNAGE PLAN - LEVEL 01

SCALE: 1" = 40'-0"

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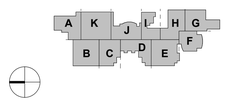

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINCHESTER
27906
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

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Author	Checker

ORIGINAL ISSUE

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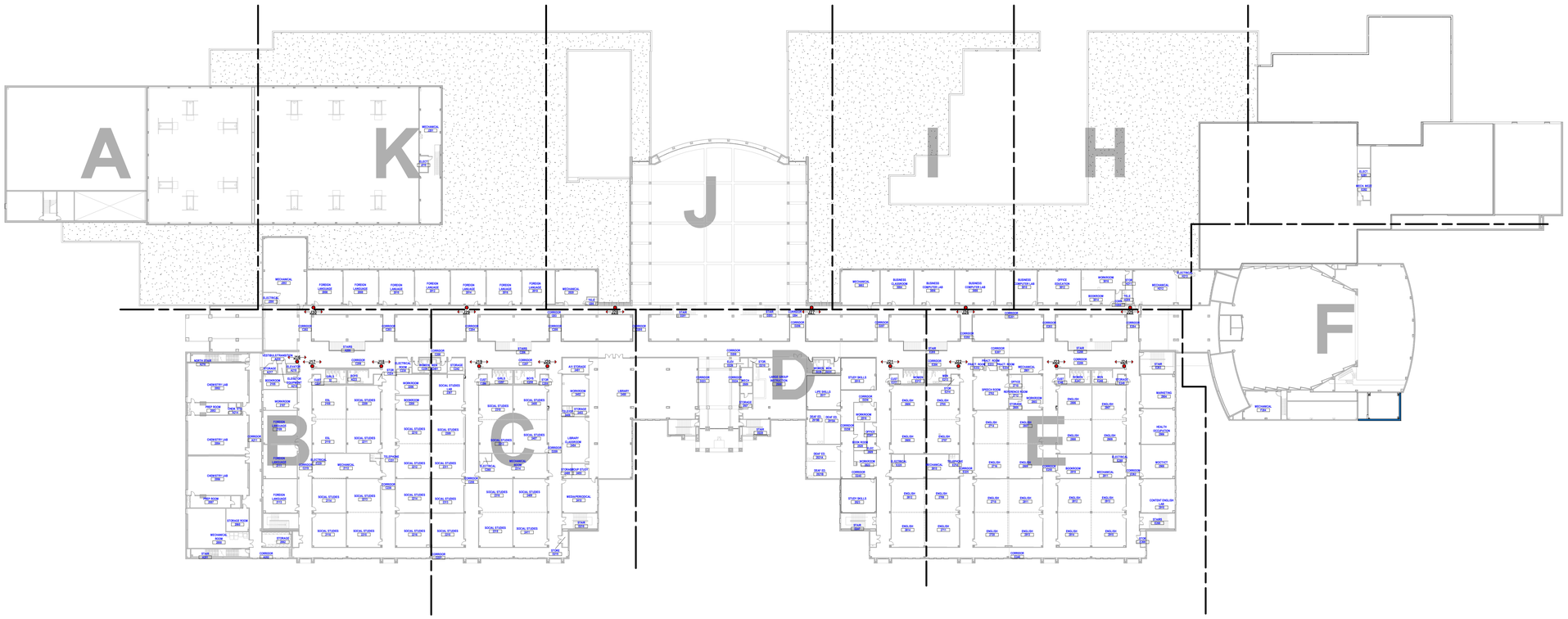
ARCHITECTURAL - SIGNAGE PLAN - LEVEL 01

SHEET NUMBER

A-641



1 **ARCHITECTURAL - OVERALL SIGNAGE PLAN - LEVEL 02**
SCALE: 1" = 40'-0"

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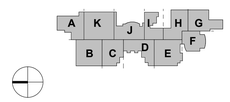
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINCHESTER
27906
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
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33AC23221	CFISD
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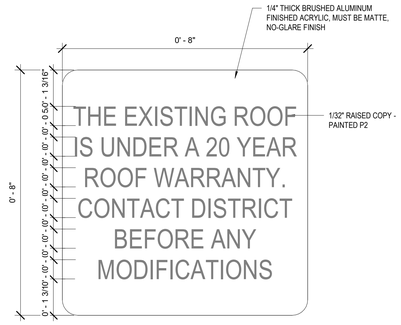
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

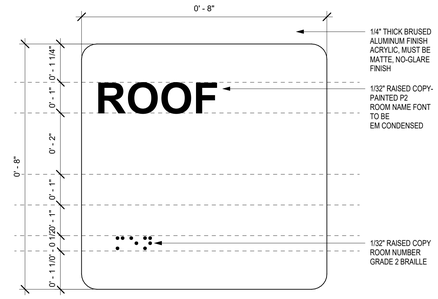
SHEET NAME
ARCHITECTURAL - SIGNAGE PLAN - LEVEL 02

SHEET NUMBER
A-642

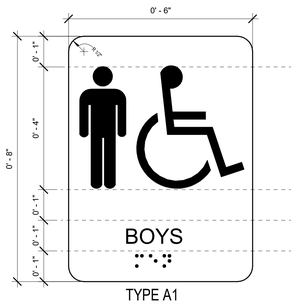
ROOF AND WARRANTY SIGNAGE



TYPE K
FRONT VIEW
MOUNTED ON UNDERSIDE OF ROOF



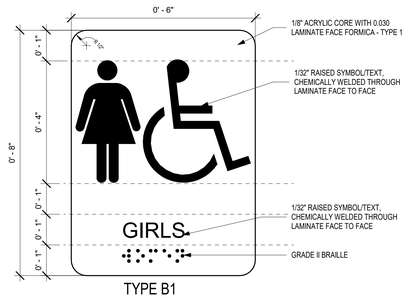
TYPE K
FRONT VIEW
MOUNTED ON UNDERSIDE OF ROOF



TYPE A1
BOYS FRONT VIEW

BACKGROUND COLOR: BLACK
TEXT/SYMBOL COLOR: BLACK
EDGE COLOR: BLACK
FONT: ARIAL

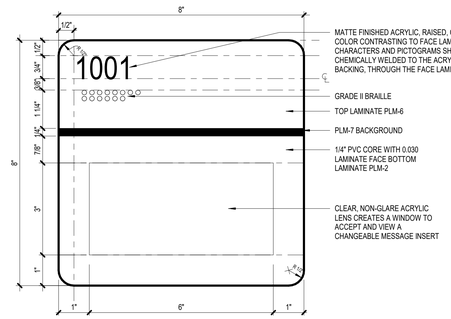
TYPE A2
"MEN" FRONT VIEW



TYPE B1
GIRLS FRONT VIEW

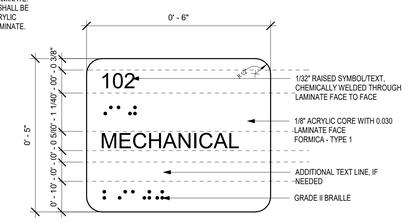
BACKGROUND COLOR: BLACK
TEXT/SYMBOL COLOR: BLACK
EDGE COLOR: BLACK
FONT: ARIAL

TYPE B2
"WOMEN" FRONT VIEW



TYPE D
FRONT VIEW

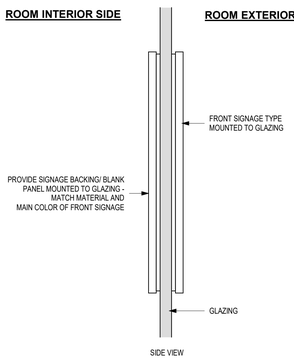
BACKGROUND COLOR: BLACK
TEXT/SYMBOL COLOR: BLACK
EDGE COLOR: BLACK
FONT: ARIAL



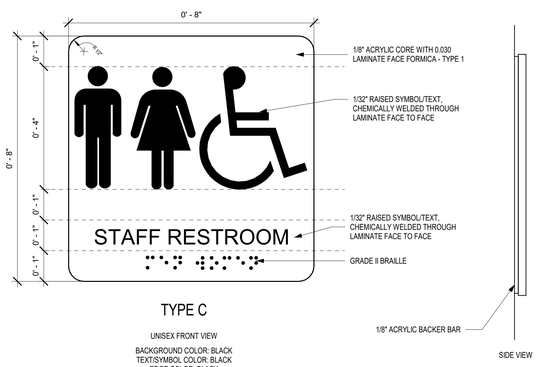
TYPE E
FRONT VIEW

BACKGROUND COLOR: BLACK
TEXT/SYMBOL COLOR: BLACK
EDGE COLOR: BLACK
FONT: ARIAL

ROOM INTERIOR SIDE **ROOM EXTERIOR SIDE**

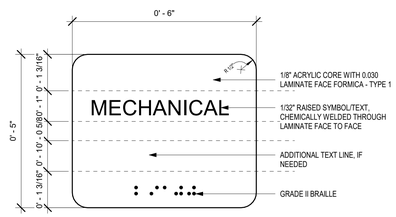


SIGNAGE AT GLAZING PANEL (TYPICAL)



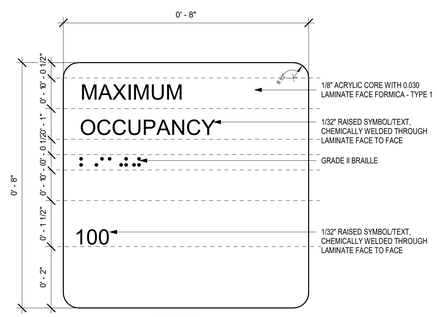
TYPE C
UNISEX FRONT VIEW

BACKGROUND COLOR: BLACK
TEXT/SYMBOL COLOR: BLACK
EDGE COLOR: BLACK
FONT: ARIAL



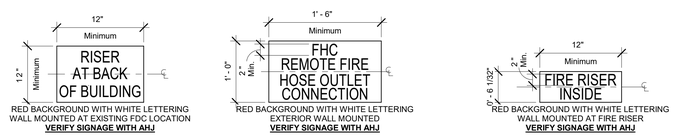
TYPE F
(EXTERIOR)
FRONT VIEW

BACKGROUND COLOR: BLACK
TEXT/SYMBOL COLOR: BLACK
EDGE COLOR: BLACK
FONT: ARIAL



TYPE G
FRONT VIEW
BACKGROUND COLOR: BLACK
TEXT/SYMBOL COLOR: BLACK
EDGE COLOR: BLACK
FONT: ARIAL

5 SIGNAGE DETAILS
SCALE: 6" = 1'-0"



RED BACKGROUND WITH WHITE LETTERING
WALL MOUNTED AT EXISTING FDC LOCATION
VERIFY SIGNAGE WITH AHJ

TYPE H2
(EXTERIOR)

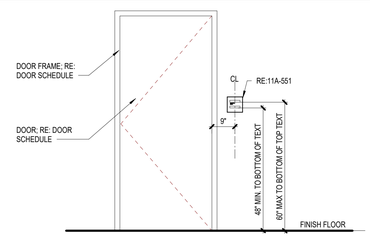
RED BACKGROUND WITH WHITE LETTERING
EXTERIOR WALL MOUNTED
VERIFY SIGNAGE WITH AHJ

TYPE H1
(EXTERIOR)

RED BACKGROUND WITH WHITE LETTERING
WALL MOUNTED AT FIRE RISER
VERIFY SIGNAGE WITH AHJ

TYPE H
(INTERIOR)

2 FIRE SIGNAGE
SCALE: 1" = 1'-0"



7 SIGNAGE HEIGHT
SCALE: 1/2" = 1'-0"

GENERAL NOTES:
- CONSTRUCTED OF TWO (2) HIGH PRESSURE LAMINATES AND LAMINATED TO A 1/8-INCH-THICK ACRYLIC BACK.
- SIGNS SHALL COMPLY WITH ALL STATE AND FEDERAL CODES, INCLUDING, BUT NOT LIMITED TO THE ADA AND TAS REQUIREMENTS.
- SIGNS MOUNTED TO GLASS SHALL BE BACKED UP WITH A BLANK PANEL TO MATCH THE MAIN COLOR OF THE FRONT SIGN TO AVOID SEEING ADHESIVE STRIPS.
- SIGN TYPE A TO REPLACE ALL EXISTING ROOM SIGNAGE, COORDINATE WITH ARCHITECT
- SIGN TYPE B WAYFINDING SIGNAGE TO BE INSTALLED AT THE END OF EACH CORRIDOR IN THE ENTIRE FACILITY, COORDINATE WITH ARCHITECT.

MAXIMUM OCCUPANCY SIGNAGE

NUMBER	NAME	SIGN TYPE	TEXT	COUNT
A057	GYMNASIUM	G	57	1
A058	MUSIC	G	61	1
A059	ART	G	69	1
A060	CAFETERIA	G	205	1
C061	LIBRARY	G	45	1

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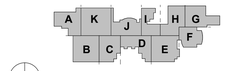

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM W. PRICE 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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ORIGINAL ISSUE
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DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - SIGNAGE DETAILS

SHEET NUMBER
A-643

SIGNAGE SCHEDULE

Number	Name	Signage Type	No. on Signage	Text on Signage	Quantity	Comments
3	ATH 32-ATHLETIC STORAGE					
31	ESL	D	31	ESL	1	1 BACKUP PLATE
33	MECHANICAL					
34	ELECT					
1960	ELEC ROOM					
F110	RACKS	D				
F111	Room	D				
101	ATHLETIC STOR.					
102	MAINTENANCE STOR.					
103	MEN					
104	WOMEN					
105	MEN					
106	WOMEN					
107	CUST.					
108	CONCESSION					
109	CUST.					
110	STOR.					
--	SERVICE YARD	-				
--	YARD	-				
1001	STAIR	E	1001	STAIRS	1	
1003	CORRIDOR					
1005	GIRLS	B1	1005	GIRLS	1	
1010	SERVING	E	1010	SERVERY	1	
1012	PREP AREA	E	1012	PREP AREA	1	
1014	BAKERY	E	1014	BAKERY	1	
1020	OFFICE	D	1020	(SLIDE WINDOW)	1	
1022	DRY STORAGE	E	1022	STORAGE	1	
1023	COOLER	E	1023	COOLER	1	
1024	FREEZER	E	1024	FREEZER	1	
1026	CUST	E	1026	CUSTODIAL	1	
1028	TOILET	C	1028	STAFF RESTROOM	1	
1030	BOYS´PHYS EDUC	E	1030	BOYS´PHYS EDUC	5	
1031	COACHES´OFFICE	D	1031	(SLIDE WINDOW)	3	
1032	LAUNDRY	E	1032	LAUNDRY	1	
1036	BOYS´ATHETICS	E	1036	BOYS' ATHLETICS	4	
1041	MECHANICAL	E	1041	MECHANICAL	1	
1042	WATER HEATERS	E	1042	WATER HEATERS	1	
1043	ELEC	E	1043	ELECTRICAL	1	
1044	CORRIDOR	--	--	--	--	
1045	HEAD COACH	D	1045	(SLIDE WINDOW)	2	
1046	STOR	E	1046	STORAGE	1	
1047	WEIGHT ROOM	E	1047	WEIGHT ROOM	1	
1048	OFFICE	D	1048	(SLIDE WINDOW)	1	
1049	TOILET	C	1049	STAFF RESTROOM	1	
1050	TRAINING ROOM	E	1050	TRAINING ROOM	2	
1051	STORAGE	E	1051	STORAGE	1	
1052	ICE RM,	E	1052	ICE ROOM	1	
1053	STOR	E	1053	STORAGE	1	
1054	ASSISTANT COACHES	D	1054	(SLIDE WINDOW)	2	
1055	SHOWERS / DRESSING	E	1055	SHOWERS / DRESSING	1	
1056	CORRIDOR	--	--	--	--	
1056	MEETING ROOM	E	1056	MEETING ROOM	2	1 BACKUP PLATE
1057	CORRIDOR	--	--	--	--	
1058	EQUIPMENT ROOM	E	1058	STORAGE	1	
1059	TOILET	C	1059	STAFF RESTROOM	1	
1060	VARSITY	E	1060	VARSITY	2	1 BACKUP PLATE
1061	STORAGE	E	1061	STORAGE	1	
1062	EQUIPMENT STORAGE	E	1062	STORAGE	2	
1063	STORAGE	E	1063	STORAGE	1	
1064	JUNIOR VARSITY	E	1064	JUNIOR VARSITY	2	1 BACKUP PLATE
1065	SHOWERS	E	1065	SHOWERS	2	
1066	TOILET	C	1066	STAFF RESTROOM	1	
1067	BASEBALL	E	1067	BASEBALL	1	1 BACKUP PLATE
1068	FRESHMEN	E	1068	FRESHMEN	2	1 BACKUP PLATE
1100	CORRIDOR	--	--	--	--	
1102	COMPETITION GYMNASIUM	E	1102	GYMNASIUM	5	
1103	MEETING ROOM	E	1103	MEETING ROOM	1	
1104	GIRLS´PHYS EDUC	E	1104	GIRLS'PHYS EDU	4	
1105	COACHES OFFICE	D	1105	(SLIDE WINDOW)	3	
1111	OFFICIALS´DRESSING	E	1111	DRESSING ROOM	1	
1113	WELNESS ROOM					
1113	WELLNESS ROOM	E	1113	WELLNESS ROOM	1	
1116	MEETING ROOM	E	1116	MEETING ROOM	1	
1117	FOUNDATION OF PERSONAL FITNESS	E	1117	WEIGHT ROOM	2	
1118	WEIGHT RM	E	1118	WEIGHT ROOM	2	
1119	GYMNASIUM STORAGE	E	1119	STORAGE	1	
1120	AUXILIARY GYMNASIUM	E	1120	GYMNASIUM	2	
1121	MECHANICAL	E	(VERIFY EXIST.)	MECHANICAL	1	
1122	WOMEN	B2	1122	WOMEN	1	
1123	CONCESSIONS	F	1123	CONCESSIONS	1	
1124	MEN	A2	1124	MEN	1	
1125	GYM STORAGE	E	1125	STORAGE	1	
1126	ELEC	E	1126	ELECTRICAL	1	
1128	CUSTODIAL	E	1128	CUSTODIAL	1	
1128	LOBBY	--	--	--	--	
1128	LOBBY	--	--	--	--	
1129	OFFICE	D	1129	(SLIDE WINDOW)	1	
1130	CORRIDOR					
1130	EXERCISE ROOM	E AND F	1130	EXERCISE ROOM	3	
1130	CORRIDOR	--	--	--	--	
1130	CORRIDOR	--	--	--	--	
1151	STORAGE	E	1151	STORAGE	1	
1152	CHEMISTRY LAB	D	1152	(SLIDE WINDOW)	2	
1153	PREP ROOM	E	1153	PREP	2	
1154	CHEMISTRY LAB	D	1154	(SLIDE WINDOW)	2	
1156	CHEMISTRY LAB	D	1156	(SLIDE WINDOW)	2	
1157	PREP ROOM	E	1157	PREP	2	
1158	CHEMISTRY LAB	D	1158	(SLIDE WINDOW)	2	
1160	STORAGE	E	1160	STORAGE	1	
1161	STORAGE	E	1161	STORAGE	1	
1202	GIRLS	B1	1202	GIRLS	1	
1204	CUST	E	1204	CUSTODIAL	1	
1205	STORAGE	E	1205	STORAGE	1	
1206	CHEMISTRY	D	1206	(SLIDE WINDOW)	2	
1207	AQUATIC WORKROOM	D	1207	(SLIDE WINDOW)	2	
1208	PHYSICS STORAGE	E	1208	STORAGE	6	
1209	AQUATIC LAB	D	1209	(SLIDE WINDOW)	2	
1210	BIOLOGY	D	1210	(SLIDE WINDOW)	2	
1211	AQUATIC LAB	D	1211	(SLIDE WINDOW)	2	
1212	BIOLOGY PREP	E	1212	PREP	4	
1213	PLANT ROOM	E	1213	PLANT ROOM	2	
1214	ADVANCED BIOLOGY	D	1214	(SLIDE WINDOW)	2	
1215	STAIR	E	1215	STAIRS	1	
1217	STOR	E	1217	STORAGE	1	
1251	BOYS	A1	1251	BOYS	1	
1253	ELEC	E	1253	ELECTRICAL	1	
1254	PHYSICS	D	1254	(SLIDE WINDOW)	2	
1255	CHEMISTRY	D	1255	(SLIDE WINDOW)	2	
1256	PHYSICS PREP	E	1256	PREP	3	
1257	PHYSICS	D	1257	(SLIDE WINDOW)	2	
1258	PHYSICS	D	1258	(SLIDE WINDOW)	2	
1259	BIOLOGY	D	1259	(SLIDE WINDOW)	2	
1260	BIOLOGY	D	1260	(SLIDE WINDOW)	2	
1262	BIOLOGY	D	1262	(SLIDE WINDOW)	2	
1301	ELEC ROOM	E	1301	ELECTRICAL	1	
1302	GIRLS	B1	1302	GIRLS	1	
1303	TELEPHONE	E	1303	TELEPHONE	1	
1304	CUST	E	1304	CUSTODIAL	1	
1305	IDF- C	E	1305	IDF	1	
1306	SCIENCE CLASSROOM	D	1306	(SLIDE WINDOW)	1	
1307	BOOKROOM	E	1307	BOOKROOM	1	
1308	PHYSICAL SCIENCE PREP	E	1308	PREP	1	
1309	WORKROOM	D	1309	(SLIDE WINDOW)	1	
1310	PHYSICAL SCIENCE	D	1310	(SLIDE WINDOW)	2	
1311	PHYSICAL SCIENCE	D	1311	(SLIDE WINDOW)	2	
1312	PHYSICAL SCIENCE	D	1312	(SLIDE WINDOW)	2	
1313	PHYSICAL SCIENCE	D	1313	(SLIDE WINDOW)	2	
1314	BIOLOGY	D	1314	(SLIDE WINDOW)	2	
1315	BIOLOGY	D	1315	(SLIDE WINDOW)	2	
1351	BOYS	A1	1351	BOYS	1	
1352	ATTENDANCE OFFICE	D	1352	(SLIDE WINDOW)	1	
1353	STOR	E	1353	STORAGE	1	
1354	LOST & FOUND	E	1354	LOST & FOUND	1	
1355	CLINIC	E	1355	CLINIC	1	
1357	OFFICE	D	1357	(SLIDE WINDOW)	1	
1359	STUDENT TOILET	C	1359	RESTROOM	1	
1361	TOILET	C	1361	STAFF RESTROOM	1	

SIGNAGE SCHEDULE

Number	Name	Signage Type	No. on Signage	Text on Signage	Quantity	Comments
1363	STORAGE	E	1363	STORAGE	1	
1366	MEN	A2	1366	MEN	1	
1367	STORAGE	E	1367	STORAGE	1	
1368	WOMEN	B2	1368	WOMEN	1	
1369	PHYSICAL SCIENCE	D	1369	(SLIDE WINDOW)	2	
1370	TELE / MDF	E	1370	TELE/MDF	1	
1371	PHYSICAL SCIENCE	D	1371	(SLIDE WINDOW)	2	
1373	BIOLOGY	D	1373	(SLIDE WINDOW)	2	
1374	SPEECH THERAPY	D	1374	(SLIDE WINDOW)	1	
1376	DIAGNOSTIC OFFICE	D	1376	(SLIDE WINDOW)	1	
1378	CONFERENCE	E	1378	CONFERENCE	1	
1380	LIFE SKILLS	D	1380	(SLIDE WINDOW)	2	
1382	TOILET	C	1382	STAFF RESTROOM	1	
1383	TIME OUT	E	1383	TIME OUT	1	
1384	ADAPTIVE BEHAVIOR	E	1384	ADAPTIVE BEHAVIOR	1	
1385	COT	E	1385	COT	1	
1386	LIFE SKILLS	D	1386	(SLIDE WINDOW)	1	
1388	STAIR	E AND F	1388	STAIRS	2	
1390	STOR	E	1390	STORAGE	1	
1400	REGISTRAR´S OFFICE	D	1400	(SLIDE WINDOW)	1	
1402	FILE	E	1402	FILE	1	
1404	OFFICE	D	1404	(SLIDE WINDOW)	1	
1406	COPY	E	1406	COPY	1	
1408	STORAGE	E	1408	STORAGE	1	
1410	TESTING	E	1410	TESTING	1	
1417	COPY	E	1417	COPY	1	
1418	HALL	--	--	--	--	
1420	COUNSELOR	D	1420	(SLIDE WINDOW)	1	
1421	COUNSELOR	D	1421	(SLIDE WINDOW)	1	
1422	COUNSELOR	D	1422	(SLIDE WINDOW)	1	
1423	COUNSELOR	D	1423	(SLIDE WINDOW)	1	
1423	STAIR	E	1423	STAIRS	1	
1424	COUNSELOR	D	1424	(SLIDE WINDOW)	1	
1425	COUNSELOR	D	1425	(SLIDE WINDOW)	1	
1426	COUNSELOR	D	1426	(SLIDE WINDOW)	1	
1427	COUNSELOR	D	1427	(SLIDE WINDOW)	1	
1430	RECEPTION	E	1430	RECEPTION	1	
1501	ELEV EQUIP	E	1501	EQUIPMENT ROOM	1	
1502	ELEV	D	--	ELEVATOR	1	
1504	RECEPTION	E	1504	RECEPTION	4	1 BACKUP PLATE
1506	SECURITY					
1506	SECURITY					
1506	SECURITY	E	1506	SECURITY	1	1 BACKUP PLATE
1510	FINANCE	D	1510	(SLIDE WINDOW)	1	
1512	WAITING	D	1512	WAITING	1	1 BACKUP PLATE
1513	ASSISTANT PRINCIPAL	D	1513	(SLIDE WINDOW)	1	
1515	ASSISTANT PRINCIPAL	D	1515	(SLIDE WINDOW)	1	
1517	ASSISTANT PRINCIPAL	D	1517	(SLIDE WINDOW)	1	
1519	ASSISTANT PRINCIPAL	D	1519	(SLIDE WINDOW)	1	
1521	ASSISTANT PRINCIPAL	D	1521	(SLIDE WINDOW)	1	
1523	ASSISTANT PRINCIPAL	D	1523	(SLIDE WINDOW)	1	
1524	PUBLIC ADDRESS	E	1524	DRESSING ROOM	1	
1526	STORAGE	E	1526	STORAGE	1	
1527	DIRECTOR OF INSTRUCTION	D	1527	(SLIDE WINDOW)	1	
1529	SECRETARY	D	1529	(SLIDE WINDOW)	1	
1530	ASSOCIATE PRINCIPAL	D	1530	(SLIDE WINDOW)	1	
1531	CORRIDOR	--	--	--	--	
1532	CONFERENCE ROOM	E	1532	CONFERENCE	2	
1533	SECRETARY	D	1533	(SLIDE WINDOW)	1	
1534	WOMEN	B2	1534	WOMEN	1	
1535	MEN	A2	1535	MEN	1	
1538	TEACHER AIDES	E	1538	TEACHER AIDES	2	
1540	TEACHERS LOUNGE	E	1540	LOUNGE	2	
1542	TEACHER WORKROOM	D	1542	(SLIDE WINDOW)	2	
1543	PRINCIPAL	D	1543	(SLIDE WINDOW)	1	
1545	STOR	E	1545	STORAGE	1	
1547	ELEC	E	1547	ELECTRICAL	1	
1550	CORRIDOR	--	--	--	--	
1552	GIRLS	B1	1552	GIRLS	1	
1554	CUST	E	1554	CUSTODIAL	1	
1555	CORRIDOR	--	--	--	--	
1556	COMPUTER LAB	D	1556	(SLIDE WINDOW)	1	
1558	COMPUTER LAB	D	1558	(SLIDE WINDOW)	1	
1560	COMPUTER LAB	D	1560	(SLIDE WINDOW)	1	
1561	MECHANICAL	E	1561	MECHANICAL	1	
1562	COMPUTER LAB	D	1562	(SLIDE WINDOW)	1	
1563	MATH	D	1563	(SLIDE WINDOW)	1	
1600	CORRIDOR	--	--	--	--	
1601	BOYS	A1	1601	BOYS	1	
1602	MATH	D	1602	(SLIDE WINDOW)	1	
1603	STOR	E	1603	STORAGE	1	
1604	MATH	D	1604	(SLIDE WINDOW)	1	
1605	COMPUTER LAB	D	1605	(SLIDE WINDOW)	1	
1606	MECHANICAL	E	1606	MECHANICAL	1	
1607	MATH	D	1607	(SLIDE WINDOW)	1	
1608	MATH	D	1608	(SLIDE WINDOW)	1	
1609	MATH	D	1609	(SLIDE WINDOW)	1	
1610	MATH	D	1610	(SLIDE WINDOW)	1	
1611	MATH	D	1611	(SLIDE WINDOW)	1	
1612	MATH	D	1612	(SLIDE WINDOW)	1	
1613	MATH	D	1613	(SLIDE WINDOW)	1	
1614	ELEC	E	1614	ELECTRICAL	1	
1650	CORRIDOR	--	--	--	--	
1652	GIRLS	B1	1652	GIRLS	1	
1654	CUST	E	1654	CUSTODIAL	1	
1656	TECHNOLOGY SUPPORT ROOM	D	1656	(SLIDE WINDOW)	1	
1657	MATH	D	1657	(SLIDE WINDOW)	1	
1658	MATH	D	1658	(SLIDE WINDOW)	1	
1659	MATH	D	1659	(SLIDE WINDOW)	1	
1660	TELE	E	1660	TELEPHONE	1	
1661	MATH WORKROOM	D	1661	(SLIDE WINDOW)	1	
1662	MATH	D	1662	(SLIDE WINDOW)	1	
1663	MATH	D	1663	(SLIDE WINDOW)	1	
1664	MATH	D	1664	(SLIDE WINDOW)	1	
1665	MATH	D	1665	(SLIDE WINDOW)	1	
1666	MATH	D	1666	(SLIDE WINDOW)	1	
1667	MATH	D	1667	(SLIDE WINDOW)	1	
1668	IDF-E	E	1668	IDF	1	
1670	ELEC ROOM	E	1670	ELECTRICAL	1	
1701	BOYS	A1	1701	BOYS	1	
1703	STORAGE	E	1703	STORAGE	1	
1705	SEWING LAB	D	1705	(SLIDE WINDOW)	3	
1706	STAIR	E	1706	STAIRS	2	
1707	DRESS´G	E	1707	DRESSING ROOM	1	
1708	EARLY CHILDHOOD	D	1708	(SLIDE WINDOW)	5	
1709	OFFICE	D	1709	(SLIDE WINDOW)	2	
1710	CHILDREN	C	1710	CHILD RESTROOM	1	
1712	ADULT	C	1712	STAFF RESTROOM	1	
1714	CLASSRM	D	1714	(SLIDE WINDOW)	1	
1716	STORAGE	E	1716	STORAGE	1	
1717	HOME ECONOMICS	D	1717	(SLIDE WINDOW)	1	
1718	TODDLER	D	1718	(SLIDE WINDOW)	3	
1719	HOME ECONOMICS	D	1719	(SLIDE WINDOW)	2	
1720	TOILET	C	1720	STAFF RESTROOM	1	
1721	STORAGE	E	1721	STORAGE	1	
1722	LAUNDRY / STOR	E	1722	LAUNDRY / STORAGE	2	
1723	COOKING LAB	D	1723	(SLIDE WINDOW)	1	
1724	OFFICE	D	1724	(SLIDE WINDOW)	1	
1726	INFANT CARE	D	1726	(SLIDE WINDOW)	2	
1728	STAIRS	E	1728	STAIRS	3	
1730	STOR	E	1730	STORAGE	1	
1750	AUDITORIUM	E	1750	AUDITORIUM	1	
1752	DRAMA OFFICE	E	1752	(SLIDE WINDOW)	1	
1754	PROP STORAGE	E	1754	STORAGE	1	
1756	SHOP	E	1756	SHOP	1	
1759	STAGE	E	1759	STAGE	1	
1760	FLY PIT					
1761	GIRLS´ DRESSING	E	1761	DRESSING ROOM	1	
1762	STORAGE	E	1762	STORAGE	1	
1763	BOY´S DRESSING	E	1763	DRESSING ROOM	1	
1764	CORRIDOR	--	--	--	--	
1766	COSTUME STORAGE	E	1766	STORAGE	1	
1767	ELECTRICAL	E	1767	ELECTRICAL	1	
1768	RAMP	-	-	-	1	
1770	CONTROL ROOM	E	1770	CONTROL ROOM	1	
1803	DRAMA CLASSROOM	D	1803	(SLIDE WINDOW)	1	
1807	STAGE					
1809	DRAMA CLASSROOM	D	1809	(SLIDE WINDOW)	1	

SIGNAGE SCHEDULE

Number	Name	Signage Type	No. on Signage	Text on Signage	Quantity	Comments
1810	BAND HALL	E	1810	BAND HALL	1	
1811	OFFICE / LIBRARY	D	1811	(SLIDE WINDOW)	1	
1812	BAND LIBRARY	E	1812	LIBRARY	1	
1813	PERCUSSION	E	1813	PERCUSSION	1	
1814	REHEARSAL-2	E	1814	REHEARSAL	1	
1815	REHEARSAL-1	E	1815	REHEARSAL	1	
1816	INSTRUMENT STORAGE	E	1816	STORAGE	1	
1821	PRACTICE	E	1821	PRACTICE ROOM	1	
1822	PRACTICE	E	1822	PRACTICE ROOM	1	
1823	PRACTICE	E	1823	PRACTICE ROOM	1	
1824	PRACTICE	E	1824	PRACTICE ROOM	1	
1825	PRACTICE	E	1825	PRACTICE ROOM	1	
1826	BAND OFFICE	D	1826	(SLIDE WINDOW)	1	
1827	CORRIDOR	--	--	--	--	
1829	ELEC	E	1829	ELECTRICAL	1	
1830	REHEARSAL	E	1830	REHEARSAL	1	
1831	STORAGE	E	1831	STORAGE	1	
1832	UNIFORM	E	1832	UNIFORM	1	
1838	STOR	E	1838	STORAGE	1	
1839	MECHANICAL	E	1839	MECHANICAL	1	
1840	ORCHESTRA	E	1840	ORCHESTRA	1	
1841	OFFICE	D	1841	(SLIDE WINDOW)	1	
1842	INSTRUMENT STOR	E	1842	STORAGE	1	
1843	UNIFORM STOR	E	1843	STORAGE	1	
1850	CHORAL ROOM					
1850	CHORAL ROOM	E	1850	CHORAL ROOM	3	
1854	PHOTO LAB #2	D	1854	(SLIDE WINDOW)	1	
1855	DARK RM	E	185	DARK ROOM	1	
1859	COMPUTER	D	1859	(SLIDE WINDOW)	2	
1860	PHOTO LAB #1	D	1860	(SLIDE WINDOW)	1	
1861	STOR	E	1861	STORAGE	1	
1862	DARK RM	E	1862	DARK ROOM	1	
1863	DARK RM	E	1863	DARK ROOM	1	
1864	COLOR DARK RM	E	1864	COLOR DARK ROOM	1	
1865	STOR	E	1865	STORAGE	1	
1866	JOURNALIST	D	1866	(SLIDE WINDOW)	2	
1869	DARK RM	E	1869	DARK ROOM	1	
1870	OFFICE	D	1870	(SLIDE WINDOW)	1	
1872	CORRIDOR	--	--	--	--	
1874	COSMETOLOGY	E	1874	COSMETOLOGY	2	
1875	CLASSRM	D	1875	(SLIDE WINDOW)	1	
1878	LOCKER	E	1878	LOCKERS	1	
1883	SCULPTURE	D	1883	(SLIDE WINDOW)	1	1 BACKUP PLATE
1884	STOR	E	1884	STORAGE	1	
1885	KILN	E	1885	KILN	1	
1886	OFFICE	D	1886	(SLIDE WINDOW)	1	
1887	ART	D	1887	(SLIDE WINDOW)	2	1 BACKUP PLATE
1900	CORR	--	--	--	--	
1901	STORAGE	E	1901	STORAGE	1	
1902	VOCATION CLASSROOM	D	1902	(SLIDE WINDOW)	1	
1903	OFFICE	D	1903	(SLIDE WINDOW)	1	
1904	AG SHOP	E	1904	AG SHOP	1	
1905	SUPPLY STORAGE	E	1905	STORAGE	1	
1906	PROJECT STORAGE	E	1906	STORAGE	1	
1907	MATERIAL STORAGE	E	1907	STORAGE	1	
1908	AIR COMPRESSOR	E	1908	AIR COMPRESSOR	1	
1909	AUTO MECHANICS	E	1909	AUTO MECHANICS	1	
1910	TOOL RM	E	1910	TOOL ROOM	1	
1911	OFFICE	D	1911	(SLIDE WINDOW)	1	
1912	STOR	E	1912	STORAGE	1	
1913	CLASSRM	D	1913	(SLIDE WINDOW)	1	
1914	BOYS	A1	1914	BOYS	1	
1915	GIRLS	B1	1915	GIRLS	1	
1916	MECHANICAL	E	1916	MECHANICAL	1	
1917	MECHANICAL	E	1917	MECHANICAL	1	
1918	ELECTRICAL	E	1918	ELECTRICAL	1	
1924	COMMUNICATIONS	D	1924	(SLIDE WINDOW)	2	
1925	AV ROOM	D	1925	(SLIDE WINDOW)	1	
1926	STOR	E	1926	STORAGE	1	
1927	VOCATIONAL CLASSROOM	D	1927	(SLIDE WINDOW)	1	
1928	COMPUTER ROOM	D	1928	(SLIDE WINDOW)	1	
1929	STOR	E	1929	STORAGE	1	
1930	STOR	E	1930	STORAGE	1	
1931	OFFICE	D	1931	(SLIDE WINDOW)	1	
1932	PRODUCTION SYSTEMS	D	1932	(SLIDE WINDOW)	1	
1933	ENERGY SYSTEMS	D & F	1933	(SLIDE WINDOW)	1	
1934	TOOL STORAGE	E	1934	STORAGE	1	
1935	TOOL STORAGE	E	1935	STORAGE	1	
1937	MATERIAL STORAGE	E	1937	STORAGE	1	
1938	DRAFTING	D	1938	(SLIDE WINDOW)	1	
1939	STOR	E	1939	STORAGE	1	
1940	OFFICE	D	1940	(SLIDE WINDOW)	1	
1941	WORK AREA	D	1941	(SLIDE WINDOW)	1	
1953	STORAGE	E	1953	STORAGE	1	
1955	MECHANICAL	E	1955	MECHANICAL	1	
1956	ELECTRICAL	E	1956	ELECTRICAL	1	
1958	BREAK ROOM	E	1958	BREAK ROOM	1	
1960	ELEC ROOM					
1960	ELEC ROOM	E	1960	ELECTRICAL	1	
1962	MECHANICAL ROOM	E	1962	MECHANICAL	1	
1965	BOILER ROOM	E	1965	BOILER ROOM	2	
1966	ELECTRICAL ROOM	E	1966	ELECTRICAL	1	
1967	CENTRAL PLANT	E	1967	PLANT ROOM	1	
1972	TABLE STORAGE	E	1972	STORAGE	1	
1974	BOYS	A1	1974	BOYS	1	
1975	SERVING	E	1975	SERVERY	1	
1977	PREP AREA	E	1977	PREP	1	
1978	DRY STORAGE	E	1978	STORAGE	1	
1979	STORAGE	E	1979	STORAGE	1	
1980	COOLER	E	1980	COOLER	1	
1981	FREEZER	E	1981	FREEZER	1	
1982	OFFICE	D	1982	(SLIDE WINDOW)	1	
1983	CUST	E	1983	CUSTODIAL	1	
1984	LOCKERS	D	1984	(SLIDE WINDOW)	1	
1990	DRILL TEAM	D	1990	(SLIDE WINDOW)	1	
1991	OFFICE	D	1991	(SLIDE WINDOW)	1	
1992	DRESSING ROOM	E	1992	DRESSING ROOM	1	
1993	TOILET	C	1993	STAFF RESTROOM	1	
2905	CORRIDOR	--	--	--	--	
2912	CORRIDOR	--	--	--	--	
2914	CORRIDOR	--	--	--	--	
A101	SOUTH STAIR	F	(VERIFY EXIST.)	STAIRS	1	
A103	CORRIDOR	--	--	--	--	
A107	GLASS STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
A110	CORRIDOR	--	--	--	--	
A112	CHEM STO.	E	(VERIFY EXIST.)	STORAGE	1	
A114	NORTH STAIR	F	(VERIFY EXIST.)	STAIRS	1	
A117	ELEVATOR	E	--	ELEVATOR	1	
A118	VESTIBULE / TRANSITION	--	--	--	--	
B101	CORRIDOR	--	--	--	--	
B103	CORRIDOR	--	--	--	--	
B104	MEN´S LOCKER RESTROOM	A2	(VERIFY EXIST.)	MEN	1	
B105	MEN´S RESTROOM	A2	(VERIFY EXIST.)	MEN	1	
B106	VESTIBULE	--	--	--	--	
B107	WOMEN´S RESTROOM	B2	(VERIFY EXIST.)	WOMEN	1	
B108	WOMEN´S LOCKER ROOM	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
B109	STAIRS	F	(VERIFY EXIST.)	STAIRS	1	
B110	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
C101	CORRIDOR	--	--	--	--	
C102	ELEC. / IDF	E	(VERIFY EXIST.)	ELECTRICAL/IDF	1	
C103	VESTIBULE	D				
C104	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
C105	CHORAL LIBRARY	E	(VERIFY EXIST.)	LIBRARY	1	
C106	ENSEMBLE	D				
C107	UNIFORM STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
C108	CORRIDOR	--	--	--	--	
C109	MECH. ROOM	E	(VERIFY EXIST.)	MECHANICAL	1	

SIGNAGE SCHEDULE

Number	Name	Signage Type	No. on Signage	Text on Signage	Quantity	Comments
C110	PRACTICE	E	(VERIFY EXIST.)	PRACTICE ROOM	1	
C111	PRACTICE	E	(VERIFY EXIST.)	PRACTICE ROOM	1	
C112	PRACTICE	E	(VERIFY EXIST.)	PRACTICE ROOM	1	
C113	OFFICE	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
C115	VESTIBULE	--	--	--	--	
C123	STO.	E	(VERIFY EXIST.)	STORAGE	1	
C130	DINING	D				
C131	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
C132	RESTROOM	C	(VERIFY EXIST.)	RESTROOM	1	
C133	PRODUCTION	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
C134	DRY STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
C135	OFFICE	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
C136	JANITOR	E	(VERIFY EXIST.)	JANITOR	1	
C137	FREEZER	E	(VERIFY EXIST.)	FREEZER	1	
C138	COOLER	E	(VERIFY EXIST.)	COOLER	1	
C139	RECEIVING	--	--	--	--	
C140	BOILER / ELEC ROOM	E	(VERIFY EXIST.)	ELECTRICAL	1	
C141	CORRIDOR	--	--	--	--	
D101	MALL	D				
D102	CORRIDOR	--	--	--	--	
D119	STOR	E	(VERIFY EXIST.)	STORAGE	1	
D122	SECRETARY	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
D124	CONFERENCE ROOM	E	(VERIFY EXIST.)	CONFERENCE	2	
D125	CORRIDOR	--	--	--	--	
D129	VISITORS	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
D131	VISITORS	D	(VERIFY EXIST.)	(SLIDE WINDOW)		
D135	CORRIDOR	--	--	--	--	
D137	HOUR ELEC	E	(VERIFY EXIST.)	ELECTRICAL	1	
D142	CORRIDOR	--	--	--	--	
D143	CORRIDOR	--	--	--	--	
D144	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
D146	KITCHEN / DINNING	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
D153	MAIN ENTRY	--	--	--	--	
D159	SECRETARY	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
D163	CORR	--	--			
D173	STAIR	E	(VERIFY EXIST.)	STAIRS	1	
D187	CORRIDOR	--	--	--	--	
D192	STAIR	E	(VERIFY EXIST.)	STAIRS	1	
D193	STOR	E	(VERIFY EXIST.)	STORAGE	1	
D195	RAMP	--	--	--	--	
D196	RAMP	--	--	--	--	
E131	CORRIDOR	--	--	--	--	
E151	CORRIDOR	--	--	--	--	
F101	MALL	--	--	--	--	
F102	CORRIDOR	--	--	--	--	
F109	SHOP STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
F110	RACKS	D	(VERIFY EXIST.)	STORAGE	1	
F113	CORR	--	--	--	--	
F114	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
F115	STAIR	-	--	--	--	
F116	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
F117	MEN	A2	(VERIFY EXIST.)	MEN	1	
F120	STAGE STORAGE	E	(VERIFY EXIST.)	STAIRS	1	
F126	TOILET	C	(VERIFY EXIST.)	STAFF RESTROOM	1	
F127	TOILET	C	(VERIFY EXIST.)	STAFF RESTROOM	1	
F1001	CORRIDOR					
F1002	AUDITORIUM STORAGE					
G100	CORRIDOR					
G101	CORRIDOR	--	--	--	--	
G129	CORRIDOR	--	--	--	--	
G140	STOR	E	(VERIFY EXIST.)	STORAGE	1	
G141	VEST.	D				
G143	STOR	E	(VERIFY EXIST.)	STORAGE	1	
G1001	CORRIDOR					
G1002	CORRIDOR					
G1004	VESTIBULE					
G1005	CHAIR STORAGE	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1006	BLACK BOX	D		(SLIDE WINDOW)	2	1 BACKUP PLATE
G1008	VESTIBULE	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1009	CONTROL ROOM	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1010	OFFICE	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1011	ART	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1013	ART STORAGE	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1014	ART OFFICE	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1015	WORK ROOM	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1016	IDF	F		IDF	1	
G1017	DIGITAL ART	D		(SLIDE WINDOW)	2	1 BACKUP PLATE
G1018	ENSEMBLE	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1019	MECHANICAL	F		MECHANICAL	1	
G1020	VESTIBULE					
G1021	PRACTICE	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1022	PRACTICE	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1023	MUSIC LIBRARY	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1024	PRACTICE	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1025	PRACTICE	D		(SLIDE WINDOW)	1	1 BACKUP PLATE
G1026	KILN	F		KILN	1	
H101	OFFICE	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
H101B	TOILET	C	(VERIFY EXIST.)	STAFF RESTROOM	1	
H112C	STOR	E	(VERIFY EXIST.)	STORAGE	1	
H117	HALL	D				
H127A	VEST	D				
H138	GIRLS	B1	(VERIFY EXIST.)	GIRLS	1	
H139	DARK RM	E	(VERIFY EXIST.)	DARK ROOM	1	
H140	VEST.	D				
H141	STOR	E	(VERIFY EXIST.)	STORAGE	1	
H144	VEST.	D				
H148	VEST.	D				
H149	FIRM LOAD	E	(VERIFY EXIST.)	STORAGE	1	
H163	WAITING AREA	D	(VERIFY EXIST.)	WAITING	1	
H164	OFFICE	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
H166	TOILET	C	(VERIFY EXIST.)	STAFF RESTROOM	1	

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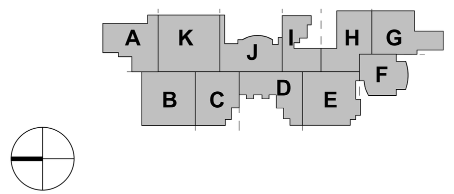

REVISION HISTORY

REVISION DESCRIPTION DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JUSTIN LANE WINCHESTER 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER 33AC23221
ABBREVIATION CFISD

DRAWN BY Author
CHECKED BY Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - SIGNAGE SCHEDULES

SHEET NUMBER
A-644

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USER NAME:
DATE STAMP: 12/6/2024 3:11:37 PM

SIGNAGE SCHEDULE

Number	Name	Signage Type	No. on Signage	Text on Signage	Quantity	Comments
H167	STOR	E	(VERIFY EXIST.)	STORAGE	1	
H168	CORRIDOR	--	--	--	--	
H169	WASH / DRYER	E	(VERIFY EXIST.)	WASHER/DRYER	1	
H174	TELEPHONE	E	(VERIFY EXIST.)	TELEPHONE	1	
I111	HALL	--	--	--		
I115	CORRIDOR	--	--	--	--	
I116	COMMONS	E	(VERIFY EXIST.)	CAFETERIA	2	
I119	CORRIDOR	--	--	--	--	
I121	DRILL TEAM STORAGE	E AND F	(VERIFY EXIST.)	STORAGE	2	
I122	UNIFORM STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
I127	TOILET	C	(VERIFY EXIST.)	STAFF RESTROOM	1	
I130	MECHANICAL	E	(VERIFY EXIST.)	MECHANICAL	1	
I137	CUSTODIAL STORAGE	E	(VERIFY EXIST.)	CUSTODIAL	1	
I142	FOYER	E	(VERIFY EXIST.)	CUSTODIAL	1	
J104	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
J110	BASKETBALL LOCKERS	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	1 BACKUP PLATE
J110A	B-BALL STORAGE	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
J111	SOFTBALL LOCKERS	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	1 BACKUP PLATE
J111A	S-BALL STORAGE	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
J112	SOCCER LOCKERS	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	1 BACKUP PLATE
J112A	SOCCER STORAGE	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
J113	TRACK LOCKERS	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	1 BACKUP PLATE
J113A	TRACK STOR.	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
J115	TENNIS LOCKERS	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
J116	VOLLEYBALL LOCKERS	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
J117	GIRLS' ATHLETICS	E	(VERIFY EXIST.)	GIRLS' ATHLETICS	4	
J119	EQUIP. STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
J120	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
J121	VOALL STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
J122	TOILET	B1	(VERIFY EXIST.)	GIRLS	1	
J123	TOILET	B1	(VERIFY EXIST.)	GIRLS	1	
J125	COACHES' DRESSING	E	(VERIFY EXIST.)	DRESSING ROOM	1	
J132	CORRIDOR	--	--	--	--	
J134	VEST	F	(VERIFY EXIST.)	BOYS' ATHLETICS	1	
J136	VEST	F	(VERIFY EXIST.)	BOYS' ATHLETICS	1	
J140	DRYING	--	--	--	--	
J141	CORRIDOR	--	--	--	--	
J150	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	
J166	TOILET	A1	(VERIFY EXIST.)	BOYS	1	
J167	TOILET	A1	(VERIFY EXIST.)	BOYS	1	
J168	GOLF LOCKERS	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	1 BACKUP PLATE
J169	VARSITY BASKETBALL	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	1 BACKUP PLATE
J170	CUSTODIAL	E	(VERIFY EXIST.)	CUSTODIAL	1	
J174	SOCCER	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	1 BACKUP PLATE
J175	FRESHMAN	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	1 BACKUP PLATE
J177	COACHES' DRESSING	E	(VERIFY EXIST.)	DRESSING ROOM	1	
J178	STOR	E	(VERIFY EXIST.)	STORAGE	1	
J179	TENNIS LOCKERS	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	1 BACKUP PLATE
J180	VEST.	--	--	--	--	
J181	SOPHOMORE & JUNIOR BASKETBALL	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	1 BACKUP PLATE
J182	TELE	E	(VERIFY EXIST.)	TELEPHONE	1	
32	GIRLS	B1	32	GIRLS	1	1 BACKUP PLATE
2006	FOREIGN LANGUAGE	D	2006	(SLIDE WINDOW)	1	
2008	FOREIGN LANGUAGE	D	2008	(SLIDE WINDOW)	1	
2010	FOREIGN LANUAGE	D	2010	(SLIDE WINDOW)	1	
2012	FOREIGN LANUAGE	D	2012	(SLIDE WINDOW)	1	
2014	FOREIGN LANUAGE	D	2014	(SLIDE WINDOW)	1	
2016	FOREIGN LANUAGE	D	2016	(SLIDE WINDOW)	1	
2018	FOREIGN LANUAGE	D	2018	(SLIDE WINDOW)	1	
2020	MECHANICAL	E	2020	MECHANICAL	1	1 BACKUP PLATE
2052	CHEMISTRY LAB	D	2052	(SLIDE WINDOW)	1	1 BACKUP PLATE
2053	PREP ROOM	E	2053	PREP	1	1 BACKUP PLATE
2054	CHEMISTRY LAB	D	2054	(SLIDE WINDOW)	1	1 BACKUP PLATE
2056	CHEMISTRY LAB	D	2056	(SLIDE WINDOW)	1	1 BACKUP PLATE
2057	PREP ROOM	E	2057	PREP	1	1 BACKUP PLATE
2058	MECHANICAL ROOM	E	2058	MECHANICAL	1	1 BACKUP PLATE
2060	STORAGE ROOM	E	2060	STORAGE	1	1 BACKUP PLATE
2062	STORAGE	E	2062	STORAGE	1	1 BACKUP PLATE
2105	BOOKROOM	E	2105	BOOKROOM	1	1 BACKUP PLATE
2107	WORKROOM	D	2107	(SLIDE WINDOW)	1	1 BACKUP PLATE
2108	ESL	D	2108	(SLIDE WINDOW)	1	
2109	FOREIGN LANGUAGE	D	2109	(SLIDE WINDOW)	1	
2110	ESL	D	2110	(SLIDE WINDOW)	1	
2111	FOREIGN LANGUAGE	D	2111	(SLIDE WINDOW)	1	
2112	MECHANICAL	E	2112	MECHANICAL	1	1 BACKUP PLATE
2113	FOREIGN LANGUAGE	D	2113	(SLIDE WINDOW)	1	
2114	SOCIAL STUDIES	D	2114	(SLIDE WINDOW)	1	
2116	SOCIAL STUDIES	D	2116	(SLIDE WINDOW)	1	
2206	WORKROOM	D	2206	(SLIDE WINDOW)	1	1 BACKUP PLATE
2208	BOOKROOM	D	2208	(SLIDE WINDOW)	1	1 BACKUP PLATE
2209	SOCIAL STUDIES	D	2209	(SLIDE WINDOW)	1	
2210	SOCIAL STUDIES	D	2210	(SLIDE WINDOW)	1	
2211	SOCIAL STUDIES	D	2211	(SLIDE WINDOW)	1	
2212	SOCIAL STUDIES	D	2212	(SLIDE WINDOW)	1	
2213	SOCIAL STUDIES	D	2213	(SLIDE WINDOW)	1	
2214	SOCIAL STUDIES	D	2214	(SLIDE WINDOW)	1	
2215	SOCIAL STUDIES	D	2215	(SLIDE WINDOW)	1	
2215	SOCIAL STUDIES	D	2215	(SLIDE WINDOW)	1	
2216	SOCIAL STUDIES	D	2216	(SLIDE WINDOW)	1	
2307	SOCIAL STUDIES LAB	D	2307	(SLIDE WINDOW)	1	1 BACKUP PLATE
2309	SOCIAL STUDIES	D	2309	(SLIDE WINDOW)	1	
2310	SOCIAL STUDIES	D	2310	(SLIDE WINDOW)	1	
2311	SOCIAL STUDIES	D	2311	(SLIDE WINDOW)	1	
2312	SOCIAL STUDIES	D	2312	(SLIDE WINDOW)	1	
2313	SOCIAL STUDIES	D	2313	(SLIDE WINDOW)	1	
2314	MECHANICAL ROOM	E	2314	MECHANICAL	1	1 BACKUP PLATE
2316	SOCIAL STUDIES	D	2316	(SLIDE WINDOW)	1	
2318	SOCIAL STUDIES	D	2318	(SLIDE WINDOW)	1	
2405	SOCIAL STUDIES	D	2405	(SLIDE WINDOW)	1	
2406	TELE/IDF	E	2406	TELEPHONE/IDF	1	1 BACKUP PLATE
2407	SOCIAL STUDIES	D	2407	(SLIDE WINDOW)	1	
2408	STORAGE	E	2408	STORAGE	1	1 BACKUP PLATE
2409	SOCIAL STUDIES	D	2409	(SLIDE WINDOW)	1	
2410	MEDIA/PERIODICAL	D	2410	(SLIDE WINDOW)	1	
2411	SOCIAL STUDIES	D	2411	(SLIDE WINDOW)	1	
2450	LIBRARY	D	2450	(SLIDE WINDOW)	1	
2451	A/V STORAGE	E	2451	STORAGE	1	1 BACKUP PLATE
2452	WORKROOM	D	2452	(SLIDE WINDOW)	1	1 BACKUP PLATE
2453	STORAGE	E	2453	STORAGE	1	1 BACKUP PLATE

SIGNAGE SCHEDULE

Number	Name	Signage Type	No. on Signage	Text on Signage	Quantity	Comments
2454	LIBRARY CLASSROOM	D	2454	(SLIDE WINDOW)	1	1 BACKUP PLATE
2455	GROUP STUDY	D	2455	(SLIDE WINDOW)	1	
2500	LARGE GROUP INSTRUCTION	E	2500	LGI		
2507	STORAGE	E	2507	STORAGE	1	1 BACKUP PLATE
2509	MECH	E	2509	MECHANICAL	1	1 BACKUP PLATE
2515	STUDY SKILLS	D	2515	(SLIDE WINDOW)	1	1 BACKUP PLATE
2516	WORKROOM	D	2516	(SLIDE WINDOW)	1	1 BACKUP PLATE
2517	LIFE SKILLS	D	2517	(SLIDE WINDOW)	1	1 BACKUP PLATE
2520	BOOK ROOM	E	2520	BOOKROOM	1	1 BACKUP PLATE
2521A	DEAF ED.	D	2521A	(SLIDE WINDOW)	1	
2521B	DEAF ED.	D	2521B	(SLIDE WINDOW)	1	
2522	WORKROOM	D	2522	(SLIDE WINDOW)	1	1 BACKUP PLATE
2523	STUDY SKILLS	D	2523	(SLIDE WINDOW)	1	1 BACKUP PLATE
2606	ENGLISH	D	2606	(SLIDE WINDOW)	1	
2608	ENGLISH	D	2608	(SLIDE WINDOW)	1	
2609	ELEC	E	2609	ELECTRICAL	1	1 BACKUP PLATE
2610	MECHANICAL	E	2610	MECHANICAL	1	1 BACKUP PLATE
2612	ENGLISH	D	2612	(SLIDE WINDOW)	1	
2614	ENGLISH	D	2614	(SLIDE WINDOW)	1	
2702	SPEECH ROOM	D	2702	(SLIDE WINDOW)	1	1 BACKUP PLATE
2705	ENGLISH	D	2705	(SLIDE WINDOW)	1	
2707	ENGLISH	D	2707	(SLIDE WINDOW)	1	
2709	ENGLISH	D	2709	(SLIDE WINDOW)	1	
2710	OFFICE	D	2710	(SLIDE WINDOW)	1	1 BACKUP PLATE
2711	ENGLISH	D	2711	(SLIDE WINDOW)	1	
2712	REFERENCE ROOM	D	2712	(SLIDE WINDOW)	1	
2714	ENGLISH	D	2714	(SLIDE WINDOW)	1	
2716	ENGLISH	D	2716	(SLIDE WINDOW)	1	
2718	ENGLISH	D	2718	(SLIDE WINDOW)	1	
2720	ENGLISH	D	2720	(SLIDE WINDOW)	1	
2801	MECHANICAL	E	2801	MECHANICAL	1	1 BACKUP PLATE
2803	WORKROOM	D	2803	(SLIDE WINDOW)	1	1 BACKUP PLATE
2805	STORAGE	E	2805	STORAGE	1	1 BACKUP PLATE
2806	ENGLISH	D	2806	(SLIDE WINDOW)	1	
2807	ENGLISH	D	2807	(SLIDE WINDOW)	1	
2808	ENGLISH	D	2808	(SLIDE WINDOW)	1	
2809	ENGLISH	D	2809	(SLIDE WINDOW)	1	
2810	BOOKROOM	E	2810	BOOKROOM	1	1 BACKUP PLATE
2811	ENGLISH	D	2811	(SLIDE WINDOW)	1	
2812	ENGLISH	D	2812	(SLIDE WINDOW)	1	
2813	ENGLISH	D	2813	(SLIDE WINDOW)	1	
2814	ENGLISH	D	2814	(SLIDE WINDOW)	1	
2904	MARKETING	D	2904	(SLIDE WINDOW)	1	
2906	HEALTH OCCUPATION	D	2906	(SLIDE WINDOW)	1	
2907	ENGLISH	D	2907	(SLIDE WINDOW)	1	
2908	MOCT/ICT	D	2908	(SLIDE WINDOW)	1	
2909	ENGLISH	D	2909	(SLIDE WINDOW)	1	
2910	CONTENT ENGLISH LAB	D	2910	(SLIDE WINDOW)	1	1 BACKUP PLATE
2911	MECHANICAL	E	2911	MECHANICAL	1	1 BACKUP PLATE
2913	ENGLISH	D	2913	(SLIDE WINDOW)	1	
2915	ENGLISH	D	2915	(SLIDE WINDOW)	1	
2919A	DEAF ED.	D	2919A	(SLIDE WINDOW)	1	
2919B	DEAF ED.	D	2919B	(SLIDE WINDOW)	1	
3002	MECHANICAL	E	3002	MECHANICAL	1	1 BACKUP PLATE
3004	BUSINESS CLASSROOM	D	3004	(SLIDE WINDOW)	1	1 BACKUP PLATE
3006	BUSINESS COMPUTER LAB	D	3006	(SLIDE WINDOW)	1	1 BACKUP PLATE
3008	BUSINESS COMPUTER LAB	D	3008	(SLIDE WINDOW)	1	1 BACKUP PLATE
3010	BUSINESS COMPUTER LAB	D	3010	(SLIDE WINDOW)	1	1 BACKUP PLATE
3012	OFFICE EDUCATION	D	3012	(SLIDE WINDOW)	1	1 BACKUP PLATE
3014	BOOKROOM	E	3014	BOOKROOM	1	1 BACKUP PLATE
3016	WORKROOM	D	3016	(SLIDE WINDOW)	1	1 BACKUP PLATE
A201	STAIR	E	(VERIFY EXIST.)	STAIRS	1	1 BACKUP PLATE
A202	CORRIDOR	--	--	--	--	--
A205	STAIRS	E	(VERIFY EXIST.)	STAIRS	1	1 BACKUP PLATE
A209	GLASS STO.	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
A211	CORRIDOR	--	--	--	--	--
A214	CHEM. STO.	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
A216	NORTH STAIR	E	(VERIFY EXIST.)	STAIRS	1	1 BACKUP PLATE
A217	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
A218	ELEVATOR EQUIPMENT	E	(VERIFY EXIST.)	EQUIPMENT ROOM	1	1 BACKUP PLATE
A219	ELEVATOR	D	(VERIFY EXIST.)	(SLIDE WINDOW)	1	
A220	VESTIBULE/TRANSITION	--	--	--	--	
A223	BOYS	A1	(VERIFY EXIST.)	BOYS	1	1 BACKUP PLATE
B200	STAIR	E	(VERIFY EXIST.)	STAIRS	1	1 BACKUP PLATE
B201	SECOND FLOOR MECHANICAL ROOM	E	(VERIFY EXIST.)	MECHANICAL	1	1 BACKUP PLATE
B202	SECOND FLOOR ELECTRICAL / IDF	E	(VERIFY EXIST.)	ELECTRICAL	1	1 BACKUP PLATE
C201	CORRIDOR	--	--	--	--	--
C202	CORRIDOR	--	--	--	--	--
C203	CORRIDOR	--	--	--	--	--
C204	CORRIDOR	--	--	--	--	--
C205	CORRIDOR	--	--	--	--	--
C206	STAIRS	E	(VERIFY EXIST.)	STAIRS	1	1 BACKUP PLATE
C207	CORRIDOR	--	--	--	--	--
C208	CORRIDOR	--	--	--	--	--
C209	CORRIDOR	--	--	--	--	--
C217	STAIR	E	(VERIFY EXIST.)	STAIRS	1	1 BACKUP PLATE
C218	STOR	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
C219	CORRIDOR	--	--	--	--	--
C221	CUST	E	(VERIFY EXIST.)	CUSTODIAL	1	1 BACKUP PLATE
C224	STOR	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
C229	ELECTRICAL	E	(VERIFY EXIST.)	ELECTRICAL	1	1 BACKUP PLATE
C231	TELEPHONE	E	(VERIFY EXIST.)	TELEPHONE	1	1 BACKUP PLATE
C236	CORRIDOR	--	--	--	--	--
C237	CORRIDOR	--	--	--	--	--
C238	ELECTRICAL ROOM	E	(VERIFY EXIST.)	ELECTRICAL	1	1 BACKUP PLATE
C239	WOMEN	B2	(VERIFY EXIST.)	WOMEN	1	1 BACKUP PLATE
C242	STORAGE	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
C255	CORRIDOR	--	--	--	--	--
C256	CUST	E	(VERIFY EXIST.)	CUSTODIAL	1	1 BACKUP PLATE
C257	GIRLS	B1	(VERIFY EXIST.)	GIRLS	1	1 BACKUP PLATE
C258	BOYS	A1		(SLIDE WINDOW)	1	
C259	STOR	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
C265	ELECTRICAL	E	(VERIFY EXIST.)	ELECTRICAL	1	1 BACKUP PLATE
C2401	MEN	A2	(VERIFY EXIST.)	MEN	1	1 BACKUP PLATE
D201	STAIR	E	(VERIFY EXIST.)	STAIRS	1	1 BACKUP PLATE
D203	STAIR	E	(VERIFY EXIST.)	STAIRS	1	1 BACKUP PLATE
D205	CORRIDOR	--	--	--	--	--
D206	CORRIDOR	--	--	--	--	--
D207	CORRIDOR	--	--	--	--	--
D208	CORRIDOR	--	--	--	--	--
D209	CORRIDOR	--	--	--	--	--
D210	STOR.	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
D218	STAIR	E	(VERIFY EXIST.)	STAIRS	1	1 BACKUP PLATE
D219	STORE	E	(VERIFY EXIST.)	STORAGE	1	1 BACKUP PLATE
D222	STAIR	E	(VERIFY EXIST.)	STAIRS	1	1 BACKUP PLATE
D223	CORRIDOR	--	--	--	--	--
D224	CORRIDOR	--	--	--	--	--

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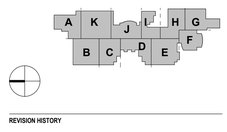

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD

DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - SIGNAGE SCHEDULES

SHEET NUMBER

A-645

INTERIORS - FINISH SCHEDULE - NOTEBLOCK_SHAPES - SUSTAINABILITY

ITEM CODE	ITEM DESIGNATION	MANUFACTURER	MODEL	COLOR	COLOR NUMBER	FINISH, TEXTURE, PATTERN, SIZE	COMMENTS	v4 EPD (OPT 1)		SOURCING OF RAW MATERIALS (OPT 2)					MATERIAL INGREDIENTS (OPT 1)					FINISH - REP CONTACT
								v4 EPD OPT 1	EPD TYPE	PRODUCT TAKE BACK	BIO BASED MATERIALS	FSC	MATERIAL REUSE	RECYCLED	MFG INVENTORY SELF REPORTED	HEALTH PRODUCT DECLARATION	CRADLE TO CRADLE	DECLARE	PRODUCT LENS CERTIFICATION	
Base																				
RB-1	RUBBER BASE	ROPPE		BLACK BROWN		4" RUBBER BASE				•						•				JENNIFER BRAMMER JENNIFER.BRAMMER@PROFESSIONALFLOORING.COM (713) 957-8282 X 3947
TIL-3B	TILE BASE	DALTILE	VOLUME 1.O P36C9	INTENSITY PEBBL	VL72	COVE BASE 6" X 12"	TILE BASE													FABIAN BROADEN FABIAN.BROADEN@DALTILE.COM
Ceiling																				
ACT-1	ACOUSTICAL CEILING GRID TILE	ARMSTRONG	SCHOOL ZONE FINE FISSURED	WHITE; REFER TO RCP FOR LOCATION OF BLACK CEILING TILES (BLACK BOX)		NRC.70	CLASSROOM/LEARNING SPACES	•	PRODUCT SPECIFIC	•	•			•		•		•		KATHERINE A. KIDD KAKIDD@ARMSTRONGCEILINGS.COM (713) 702-5955
ACT-2	ACOUSTICAL CEILING GRID TILE	ARMSTRONG	CORTEGA	WHITE; REFER TO RCP FOR LOCATION OF BLACK CEILING TILES (BLACK BOX)	770	NRC.55	CORRIDORS	•	PRODUCT SPECIFIC	•				•		•		•		KATHERINE A. KIDD KAKIDD@ARMSTRONGCEILINGS.COM (713) 702-5955
ACT-3	ACOUSTICAL CEILING GRID TILE	ARMSTRONG		WHITE		NRC.70 MINIMUM	LIBRARY													KATHERINE A. KIDD KAKIDD@ARMSTRONGCEILINGS.COM (713) 702-5955
ACT-4	ACOUSTICAL CEILING GRID TILE	ARMSTRONG	CLEAN ROOM	WHITE	868		KITCHENS							•						KATHERINE A. KIDD KAKIDD@ARMSTRONGCEILINGS.COM (713) 702-5955
DCT-1	DECORATIVE CEILING GRID TILE																			
EXP	EXPOSED DECK / STRUCTURE																			
Floor																				
CPT-1	CARPET	TARKETT	AFTERMATH	TAPESTRY	23512	6' POWERBOND	FIELD; TRANSITION TRIM SCHLUTER VINPRO-S ALUMINUM CARPET TO RESILIENT.	•	PRODUCT SPECIFIC	•				•				•		KAREN PERUCKI KAREN.PERUCKI@TARKETT.COM (832) 367-5109
CPT-2	WALKOFF CARPET	TARKETT	FABRICATE	FRENCH NAVY	36204	6' POWERBOND	AT THEATER STEPS ONLY													
LVT-1	LUXURY VINYL TILE	TARKETT	ID LATITUDE ABSTRACT	VILLA WHITE	7563	18" X 18"	FIELD	•	PRODUCT SPECIFIC	•				•						KAREN PERUCKI KAREN.PERUCKI@TARKETT.COM (832) 367-5109
LVT-2	LUXURY VINYL TILE	TARKETT	ID LATITUDE ABSTRACT	LANDMARK	7565	18" X 18"	ACCENT	•	PRODUCT SPECIFIC	•				•						KAREN PERUCKI KAREN.PERUCKI@TARKETT.COM (832) 367-5109
LVT-3	LUXURY VINYL TILE	TARKETT	ID LATITUDE ABSTRACT	NIGHTFALL	7552	18" X 18"	ACCENT	•	PRODUCT SPECIFIC	•				•						KAREN PERUCKI KAREN.PERUCKI@TARKETT.COM (832) 367-5109
LVT-4	LUXURY VINYL TILE	TARKETT	EVENT STONE	CALDERA	11198	12" X 24"	DARK ROOM, STAGE RAMPS.	•	PRODUCT SPECIFIC	•				•						KAREN PERUCKI KAREN.PERUCKI@TARKETT.COM (832) 367-5109
LVT-5	LUXURY VINYL TILE	MOHAWK	MOLVENO STONES	CITYSCAPE	988	11.75" X 35.75"	PRESS BOX	•	PRODUCT SPECIFIC							•		•		PATTI SUE PATTISUE_BROWN@MOHAWKIND.COM
POC-1	CONCRETE - POLISHED						ART ROOMS, KILN, ART OFFICE													
SEC-1	CONCRETE - SEALED						MECHANICAL ROOM, METAL STORAGE BUILDING, IDF													
SF-1	SPORTS FLOORING	REGUPOL	AKTIVPRO	MEAN GREEN	AK10106	ROLLED PRODUCT ONLY; 1/2" THICKNESS	FIELD COLOR 20% SPECKLED													LENNY WACHOWIAK LENNY@GFRCONTRACT.COM (281) 757 4196
SF-2	SPORTS FLOORING	REGUPOL	AKTIVPRO	THUNDER GRAY	AK95102	ROLLED PRODUCT ONLY; 1/2" THICKNESS	PLATFORMS; 4MM THUNDER GRAY ON TOP OF 8MM #7619													LENNY WACHOWIAK LENNY@GFRCONTRACT.COM (281) 757 4196
SF-3	SPORTS FLOORING	REGUPOL	AKTIVPRO	CRASH BLACK	AK10100	ROLLED PRODUCT ONLY; 1/2" THICKNESS	CRASH PADS													LENNY WACHOWIAK LENNY@GFRCONTRACT.COM (281) 757 4196
SVH-1	RESILIENT SHEET VINYL	TARKETT	IQ GRANIT	WARM LIGHT GREY	0234		CLINIC FIELD	•	PRODUCT SPECIFIC	•				•						KAREN PERUCKI KAREN.PERUCKI@TARKETT.COM (832) 367-5109
SVH-2	RESILIENT SHEET VINYL	TARKETT	IQ GRANIT	WHITE SAND	0320		CLINIC ACCENT	•	PRODUCT SPECIFIC	•				•						KAREN PERUCKI KAREN.PERUCKI@TARKETT.COM (832) 367-5109
SVH-3	RESILIENT SHEET VINYL	TARKETT	IQ GRANIT	WARM CONCRETE	0297		CLINIC ACCENT	•	PRODUCT SPECIFIC	•				•						KAREN PERUCKI KAREN.PERUCKI@TARKETT.COM (832) 367-5109
TIL-1	TILE	DALTILE	VOLUME 1.0	STEREO GREY	VL73	12" X 24"	FIELD; TRANSITION TRIM SCHLUTER RENO-U ALUMINUM TILE TO CONCRETE.TRANSITION TRIM SCHLUTER SCHIENE ALUMINUM TILE TO RESILIENT.							•						FABIAN BROADEN FABIAN.BROADEN@DALTILE.COM
TIL-2	TILE	DALTILE	VOLUME 1.0	INTENSITY PEBBL	VL72	12" X 24"	ACCENT; TRANSITION TRIM SCHLUTER RENO-U ALUMINUM TILE TO CONCRETE.TRANSITION TRIM SCHLUTER SCHIENE ALUMINUM TILE TO RESILIENT.							•						FABIAN BROADEN FABIAN.BROADEN@DALTILE.COM
TIL-3	TILE	DALTILE	VOLUME 1.0	VAPOR	VL63	12" X 24"	MAIN CORRIDOR ACCENT							•						FABIAN BROADEN FABIAN.BROADEN@DALTILE.COM
TIL-4	TILE	DALTILE	VOLUME 1.0	STEREO GREY	VL73	12" X 12"	STAIRS; TRANSITION TRIM SCHLUTER RENO-U ALUMINUM TILE TO CONCRETE.TRANSITION TRIM SCHLUTER SCHIENE ALUMINUM TILE TO RESILIENT.							•						FABIAN BROADEN FABIAN.BROADEN@DALTILE.COM
TIL-5	TILE	DALTILE	VOLUME 1.0	INTENSITY PEBBL	VL72	12" X 12"	STAIRS; TRANSITION TRIM SCHLUTER RENO-U ALUMINUM TILE TO CONCRETE.TRANSITION TRIM SCHLUTER SCHIENE ALUMINUM TILE TO RESILIENT.							•						FABIAN BROADEN FABIAN.BROADEN@DALTILE.COM
WD-2	HARDBOARD FACED PLYWOOD (MASONITE)						TO BE PAINTED PNT-6 IN BLACK BOX													
Millwork/Casework																				
EPX-1	SURFACING						SCIENCE LAB COUNTERTOPS													
PLM-1	PLASTIC LAMINATE	FORMICA		SILVER RIFTWOOD	6413-NG	GRAIN DIRECTION: VERTICAL	ALL VERTICAL SURFACES U.N.O.UPPER & LOWER CABINETS													AMY RITCHMOND AMY.RITCHMOND@FORMICA.COM (713) 658-5686
PLM-2	PLASTIC LAMINATE	FORMICA		COTTON CLOTH	8681-58	MATTE	ALL COUNTERTOPS U.N.O: SIGNAGE	•	PRODUCT SPECIFIC		•	•		•		•		•		AMY RITCHMOND AMY.RITCHMOND@FORMICA.COM (713) 658-5686
PLM-3	PLASTIC LAMINATE	WILSONART		BLACK	1595-60	MATTE	COSMETOLOGY AND DARK ROOM. CONTROL ROOM AND BLACK BOX. VERTICAL SURFACES	•	PRODUCT SPECIFIC		•	•		•		•		•		CASSIDY CAREY CAREYC@WILSONART.COM (281) 908-8611
PLM-4	PLASTIC LAMINATE	FORMICA		WILD CHERRY	5904-43	GRAIN DIRECTION: VERTICAL	MATCH EXISTING VERTICAL SURFACES AND DOORS													AMY RITCHMOND AMY.RITCHMOND@FORMICA.COM (713) 658-5686
PLM-5	PLASTIC LAMINATE	WILSONART		BLACKBIRD	5024K-19		CONTROL ROOM COUNTERTOP	•	PRODUCT SPECIFIC		•	•		•		•		•		CASSIDY CAREY CAREYC@WILSONART.COM (281) 908-8611
PLM-6	PLASTIC LAMINATE	FORMICA		TBD			MATCH NAVY PAINT FOR SIGNAGE													
PLM-7	PLASTIC LAMINATE	FORMICA		TBD			MATCH GREEN PAINT FOR SIGNAGE													
QTZ-1	SURFACING	CAMBRIA		HARROGATE			RECEPTION DESK									•		•		JOSIE WEST JOSIE.WEST@CAMBRIAUSA.COM (218) 591-7062
QTZ-2	SURFACING	CAMBRIA		TEMPLETON			COOKING LAB AND PRESSBOX									•		•		JOSIE WEST JOSIE.WEST@CAMBRIAUSA.COM (218) 591-7062
QTZ-3	SURFACING	CAMBRIA		BLACKPOOL		MATTE	COSMETOLOGY									•		•		JOSIE WEST JOSIE.WEST@CAMBRIAUSA.COM (218) 591-7062
Miscellaneous																				
GR-1	GROUT	LATICRETE	N/A	DUSTY GREY	60		FLOOR GROUT													EMILY WOOD EMWOOD@LATICRETE.COM 1(800) 243-4788
TEX-1	Textiles																			
TR-1	FLOOR TRANSITION - CARPET TO RESILIENT	SCHLUTER	VINPRO-S	ALUMINUM		CARPET TO RESILIENT														JOSIE JANSSEN JJANSSEN@SCHLUTER.COM (888) 473-5488 EXT. 4693
TR-2	FLOOR TRANSITION - LVT TO RESILIENT					LVT TO RESILIENT														
TR-3	FLOOR TRANSITION - RESILIENT TO CONCRETE					RUBBER REDUCER														
TR-4	FLOOR TRANSITION - RESILIENT TO RESILIENT					RESILIENT TO RESILIENT														
TR-5	FLOOR TRANSITION - TILE TO CARPET	SCHLUTER	SCHIENE	ALUMINUM		TILE TO CARPET														JOSIE JANSSEN JJANSSEN@SCHLUTER.COM (888) 473-5488 EXT. 4693
TR-6	FLOOR TRANSITION - TILE TO RESILIENT	SCHLUTER	SCHIENE	ALUMINUM		TILE TO RESILIENT														JOSIE JANSSEN JJANSSEN@SCHLUTER.COM (888) 473-5488 EXT. 4693
TR-7	FLOOR TRANSITION - TILE TO CONCRETE	SCHLUTER	RENO-U	ALUMINUM		TILE TO CONCRETE														JOSIE JANSSEN JJANSSEN@SCHLUTER.COM (888) 473-5488 EXT. 4693
TR-8	FLOOR TRANSITION - ALUMINUM THRESHOLD DTL - WOOD TO RESILIENT	ASSA ABLOY	PEMKO	ALUMINUM		WOOD TO RESILIENT														LAURIE BAKER LAURIE.BAKER@ASSAABLOY.COM (346) 257-5531
TR-9	STAIR NOSING PROFILE	SCHLUTER	TREP-G-S	BLACK	GS	11/32" H														JOSIE JANSSEN JJANSSEN@SCHLUTER.COM (888) 473-5488 EXT. 4693
Wall																				
AWP-1	ACOUSTICAL WALL PANELING	GUILFORD OF MAINE	FR701 2100	BLUE PLUM	553		MAIN CORRIDOR							•						GUILFORDSALES@GUILFORDOFMAINE.COM
AWP-2	ACOUSTICAL WALL PANELING	GUILFORD OF MAINE	FR701 2100	FIR	743		MAIN CORRIDOR							•						GUILFORDSALES@GUILFORDOFMAINE.COM
PNT-1	PAINT	SHERWIN WILLIAMS		AGREEABLE GRAY	SW7029		FIELD	•	PRODUCT SPECIFIC						•					JOY LACHELLE BABUR JOY.L.BABUR@SHERWIN.COM (713) 957-4209
PNT-2	PAINT	SHERWIN WILLIAMS		DORIAN GRAY	SW7017		NEUTRAL ACCENT	•	PRODUCT SPECIFIC						•					JOY LACHELLE BABUR JOY.L.BABUR@SHERWIN.COM (713) 957-4209
PNT-3	PAINT	SHERWIN WILLIAMS		DRESS BLUE	SW9176		CORRIDOR ACCENT, STAIRS, DOOR FRAMES, RAILINGS	•	PRODUCT SPECIFIC						•					JOY LACHELLE BABUR JOY.L.BABUR@SHERWIN.COM (713) 957-4209
PNT-4	PAINT	SHERWIN WILLIAMS		KALE GREEN	SW6460		GREEN ACCENT	•	PRODUCT SPECIFIC						•					JOY LACHELLE BABUR JOY.L.BABUR@SHERWIN.COM (713) 957-4209
PNT-5	PAINT	SHERWIN WILLIAMS		PURE WHITE	SW7005		CEILING													JOY LACHELLE BABUR JOY.L.BABUR@SHERWIN.COM (713) 957-4209
PNT-6	PAINT	SHERWIN WILLIAMS		BLACK MAGIC	SW6991		PAINT FLOORING IN AREA G - CONTROL ROOM AND BLACK BOX													JOY LACHELLE BABUR JOY.L.BABUR@SHERWIN.COM (713) 957-4209
WP-1	FOLDING PARTITION	TBD				WHITE ENAMEL ON STEEL, BONDED TO THE FACE OF THE PANEL, THE FULL HEIGHT OF THE PARTITION UNO DURING DESIGN.	MARKERBOARDS TO HAVE HORIZONTAL TRIM. TRIM IS NOT ACCEPTABLE ON VERTICAL EDGES, TO PROVIDE UNINTERRUPTED WORK SURFACE. NO EXPOSED FASTENERS ON PARTITION WALL; FASTENERS REQUIRED TOP, BOTTOM AND BOTH SIDES.													

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
17. ACCENT PAINT SHALL EXTEND HORIZONTALLY FROM INSIDE CORNER TO INSIDE CORNER ALONG WALL. CONTINUE ACCENT PAINT ACROSS FURR-DOWNS AND BULKHEADS ONLY IF THEY ARE IN THE SAME PLANE AS THE ACCENT WALL.
18. CAULKING AND SEALANT SHALL MATCH SURFACE TO WHICH IT IS APPLIED, UNO. SUBMIT COLOR CHART FOR ARCHITECT'S SELECTION. WHERE TWO DIFFERENT MATERIALS/COLORS ALIGN IN THE SAME PLANE, MATCH THE DARKER COLOR.
19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

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IN ASSOCIATION WITH:
HarrisonKornberg ARCHITECTS

Harrison Kornberg Architects
3800 Buffalo Speedway. Suite 550
Houston, TX 77098
TEL 713 229 0688
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CONSULTANT TEAM

STRUCTURAL ENGINEER
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9800 Richmond Avenue
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MEP & AV/THEATRICAL ENGINEER
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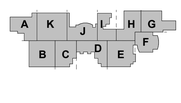
KW Landscape Architecs
6925 Portwest Drive
Suite 100
Houston, Texas 77024
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIORS FINISH SCHEDULE

SHEET NUMBER
A-681

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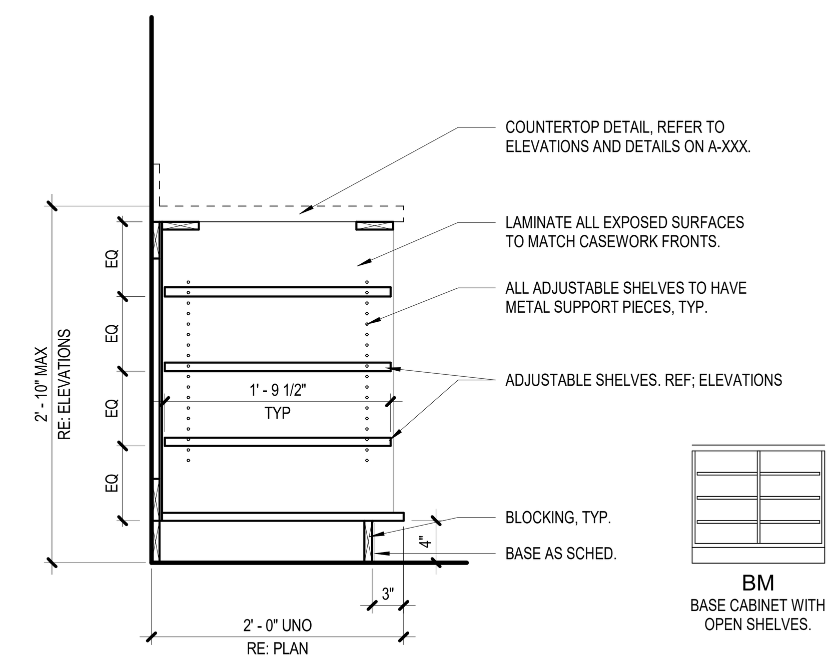
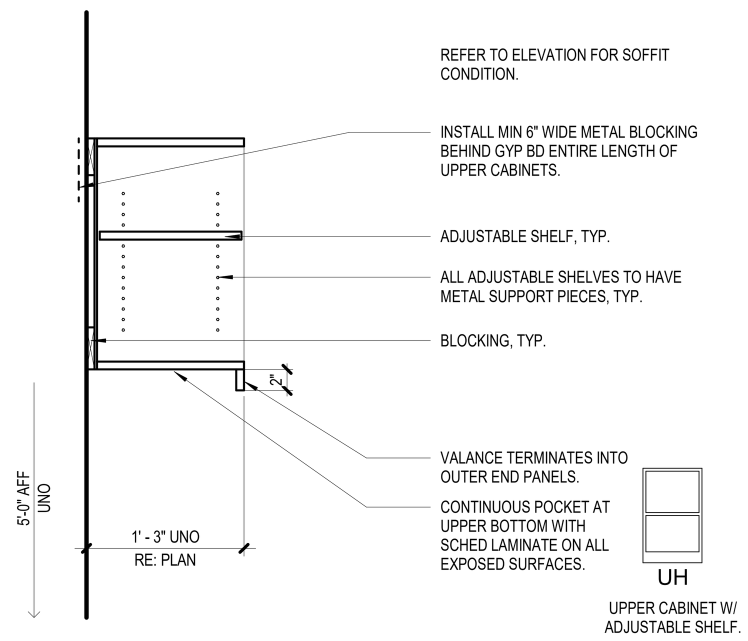


18 BASE CABINET - BM
SCALE: 1" = 1'-0"



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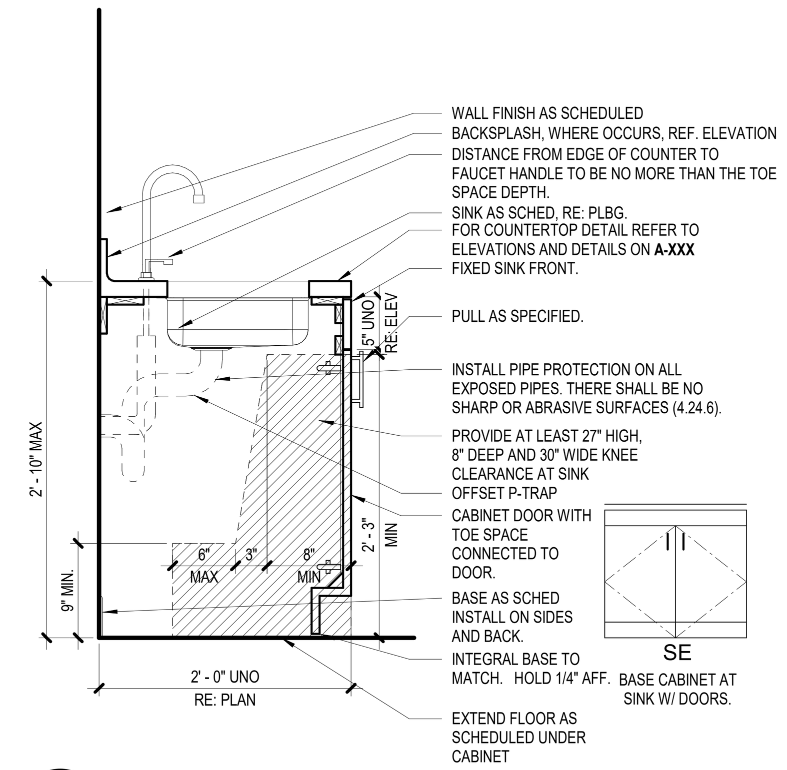
SCALE: 1" = 1'-0"



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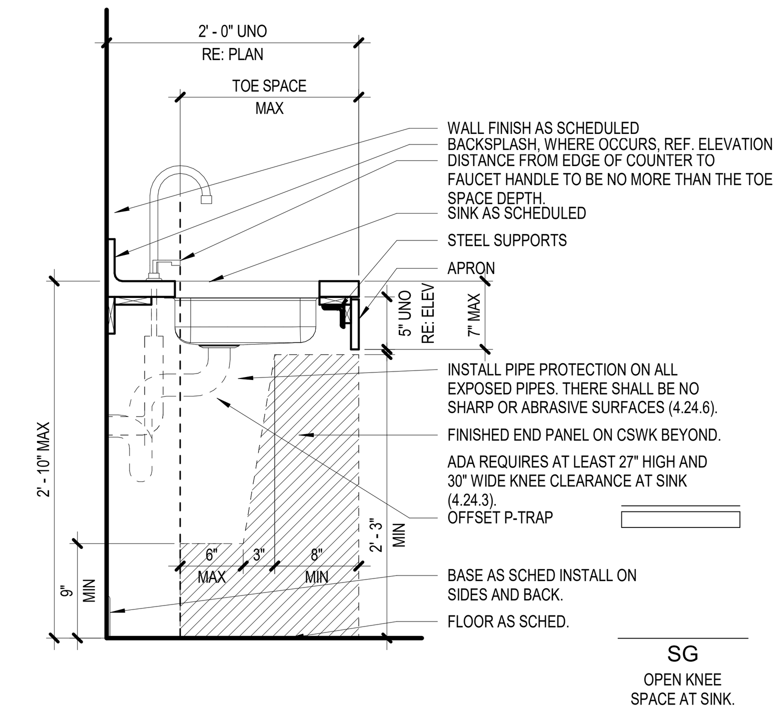
SCALE: 1" = 1'-0"



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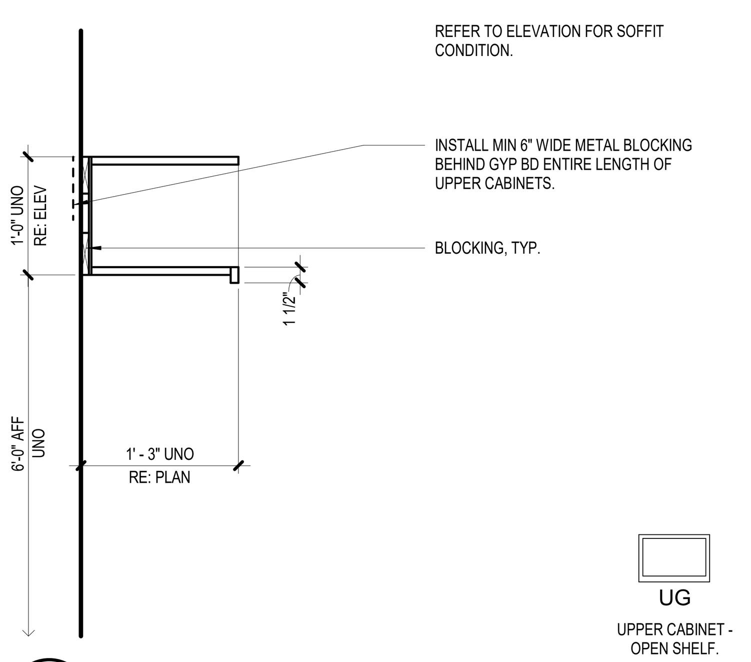

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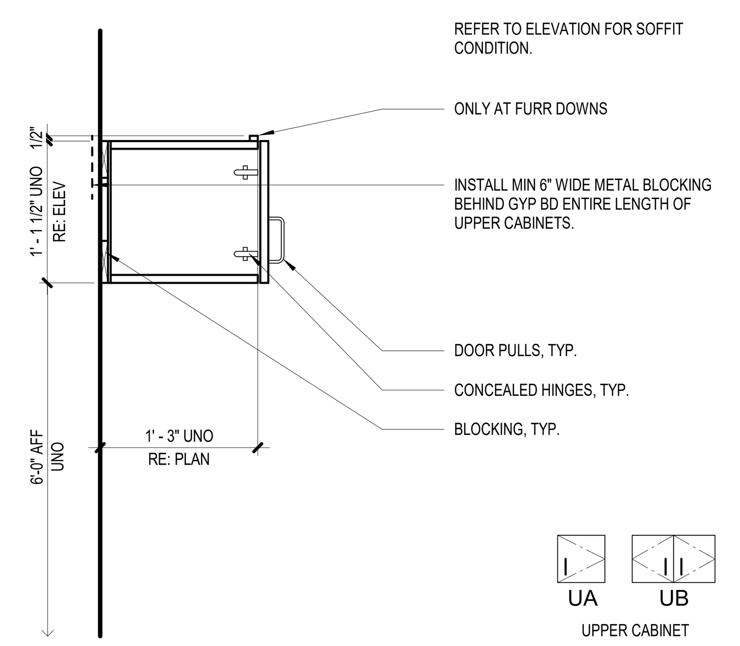

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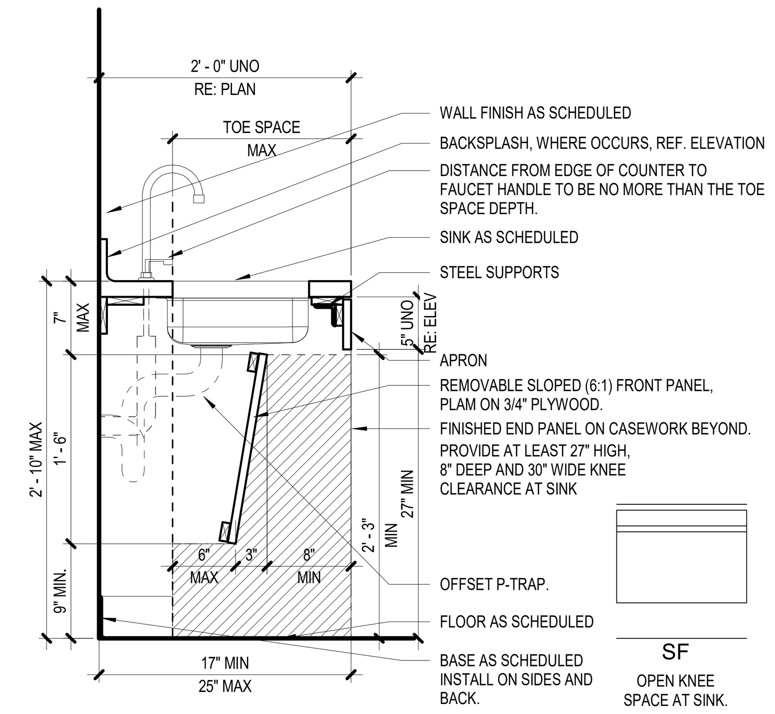

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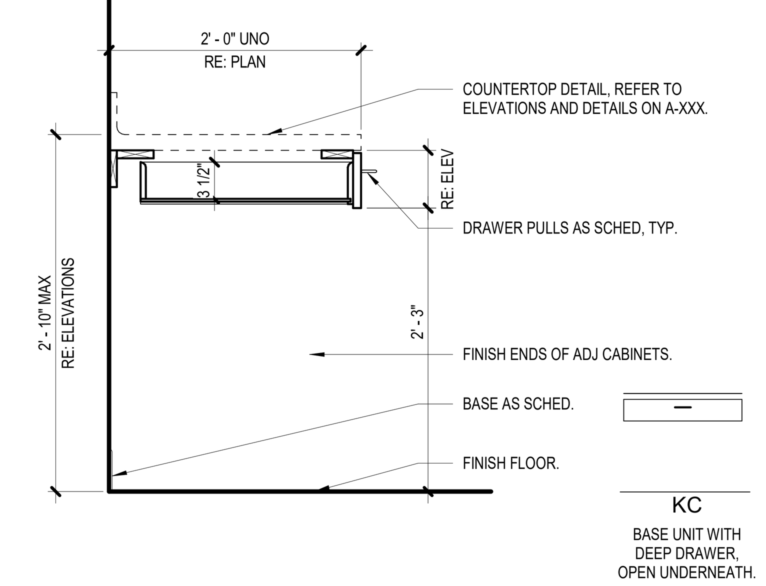

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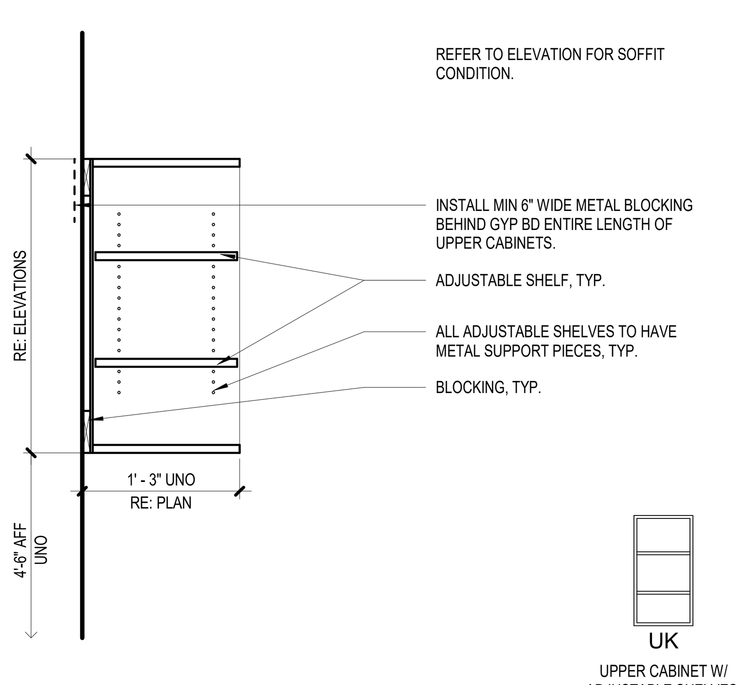

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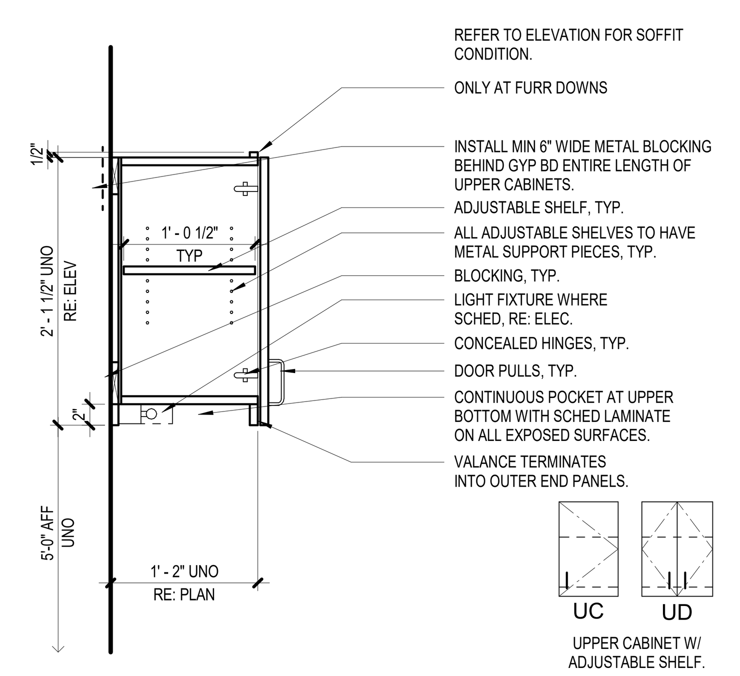

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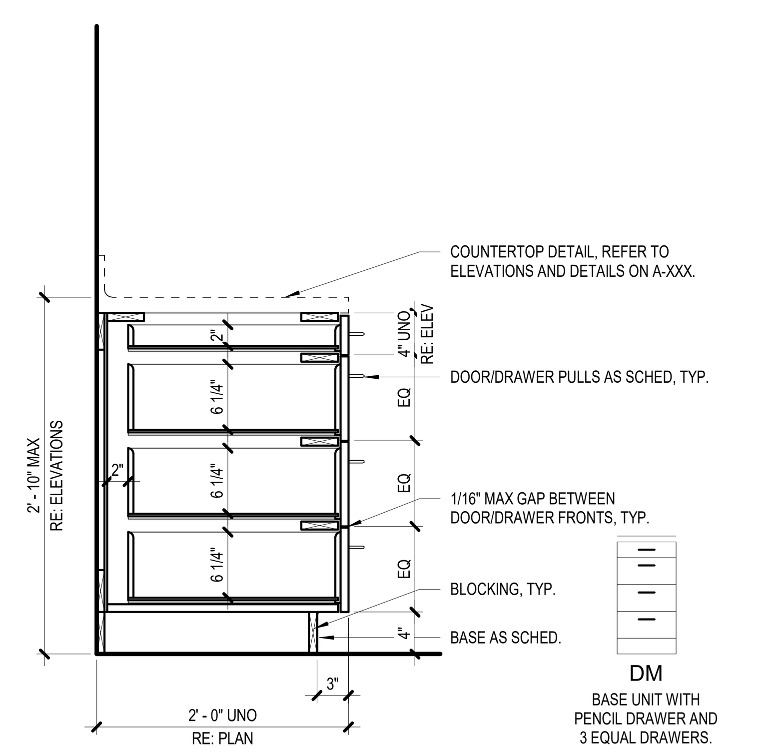

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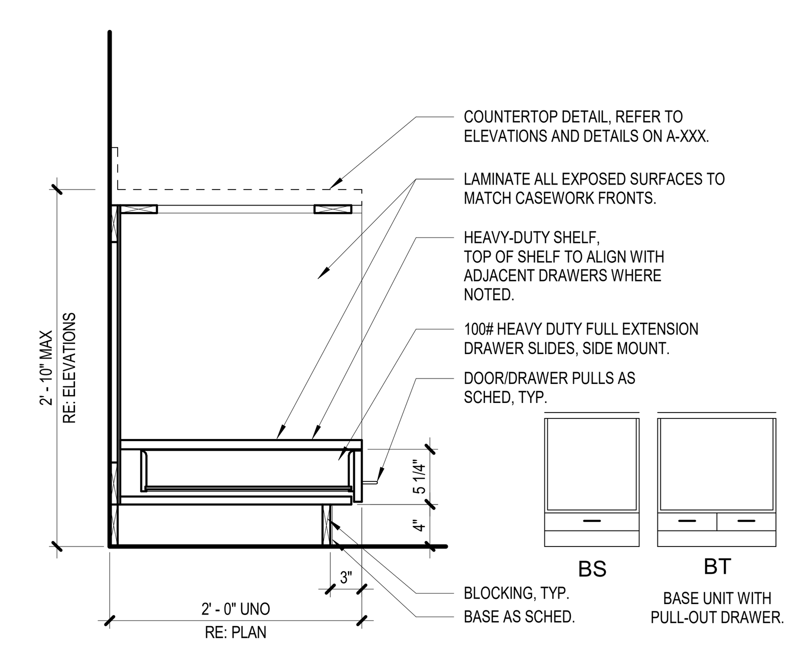

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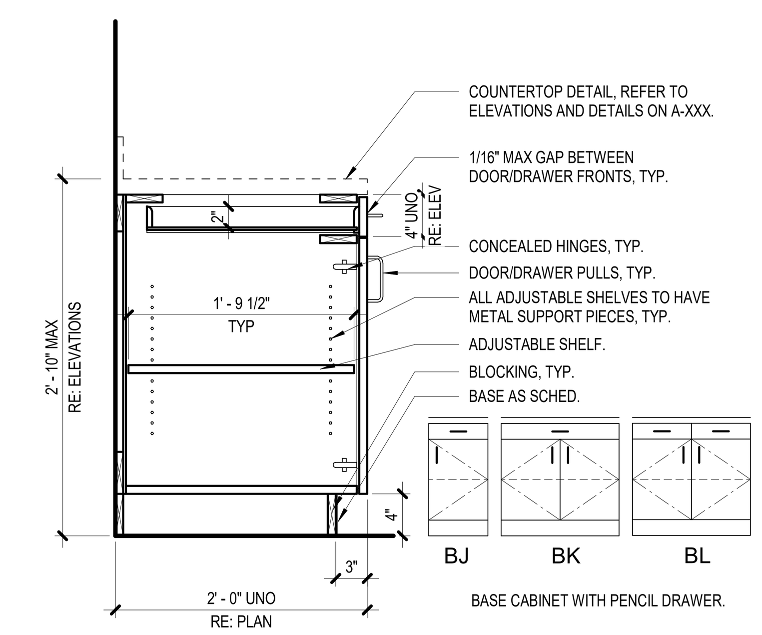

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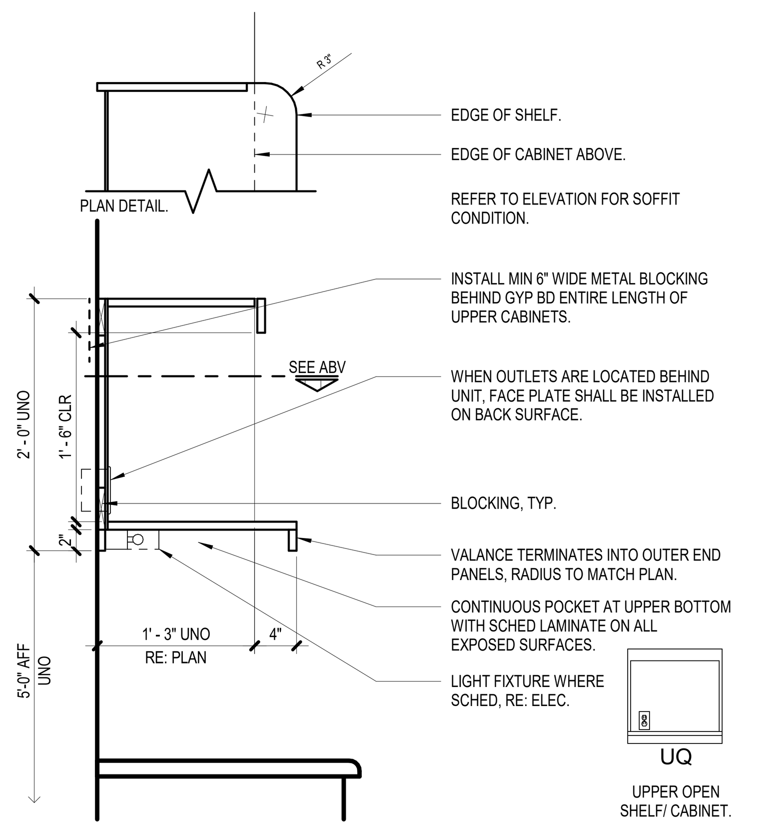

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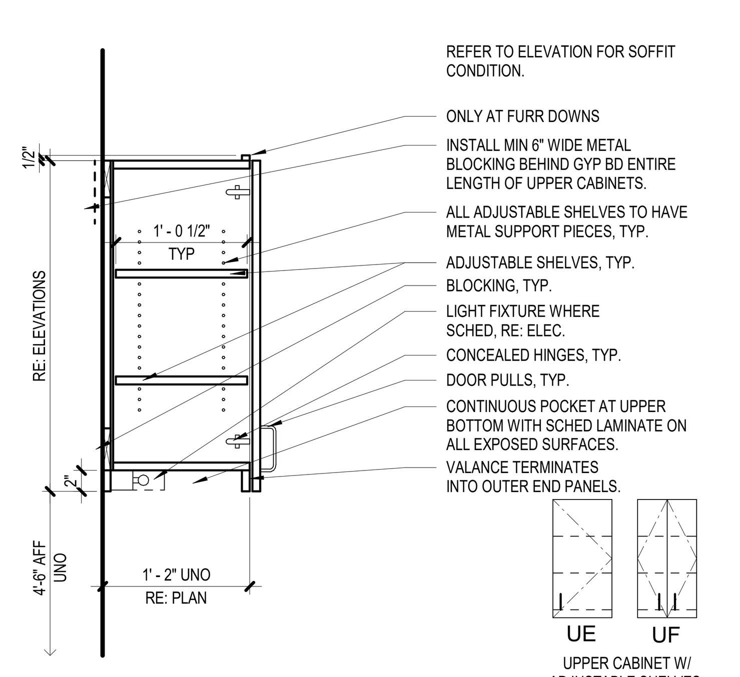

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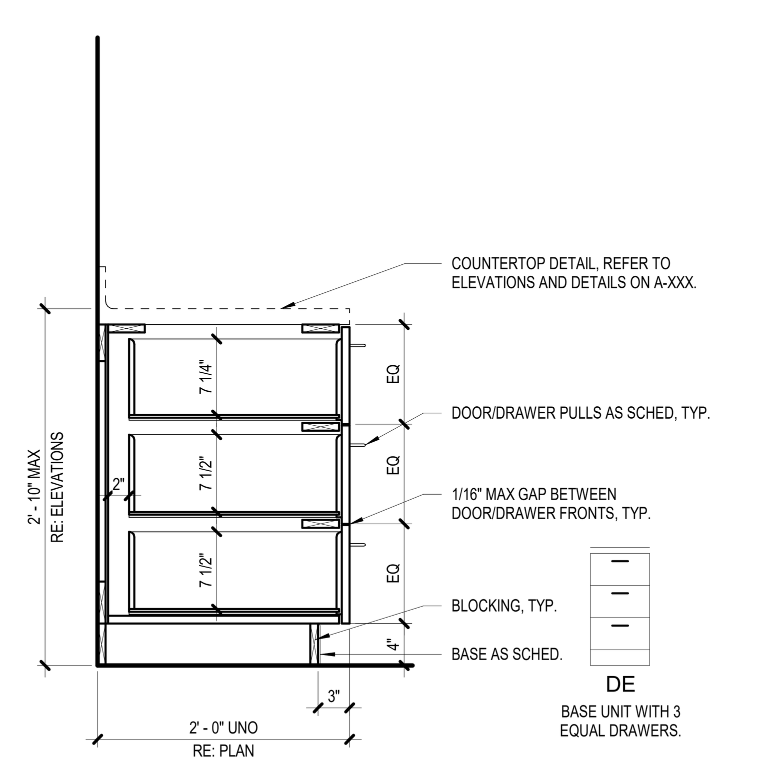

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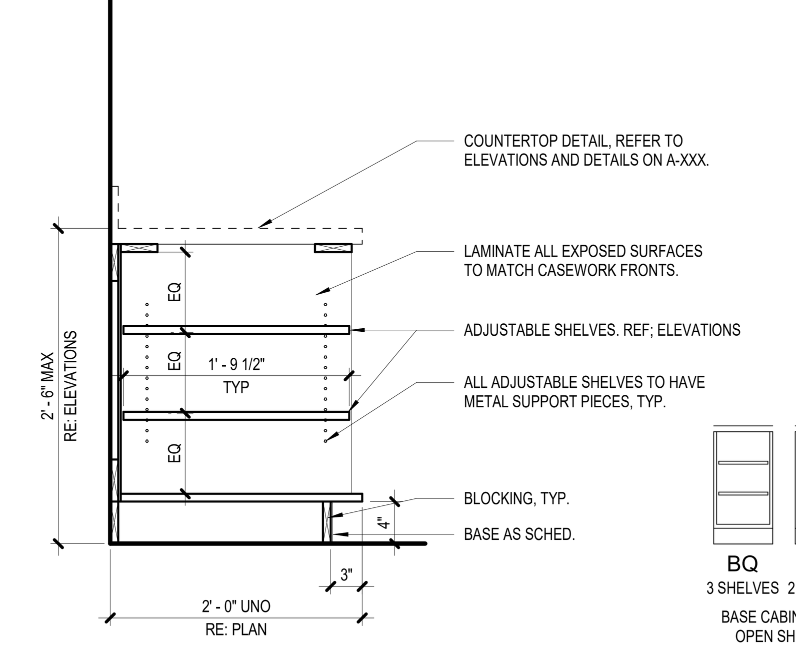

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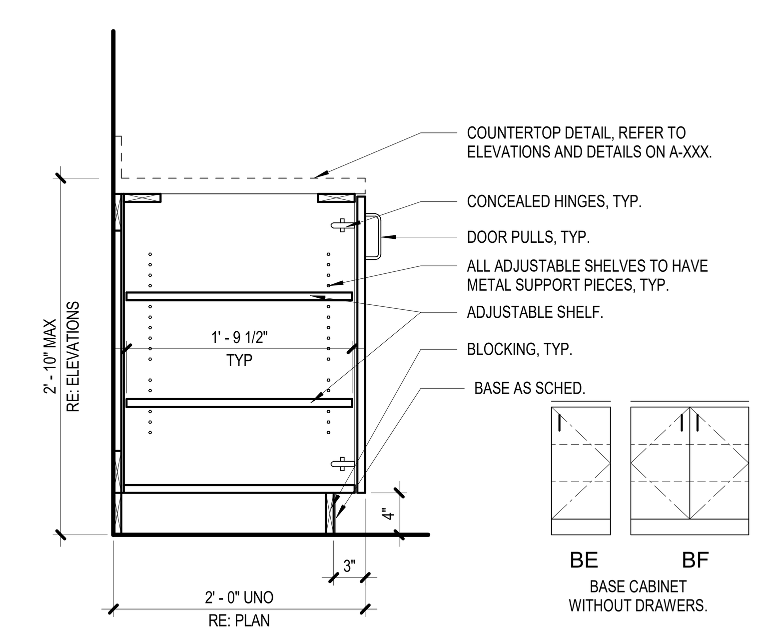

1 BASE CABINET - BE BF
SCALE: 1" = 1'-0"

CASEWORK GENERAL NOTES

1. ALL CASEWORK SHOWN ON THIS SHEET IS PLASTIC LAMINATE CLAD UNO.
2. ALL EXPOSED SURFACES AND EDGES SHALL RECEIVE PLASTIC LAMINATE AS SCHED. ALL SEMI-EXPOSED SURFACES AND EDGES SHALL RECEIVE WHITE MELAMINE UNO, TYP.
3. CABINET WIDTHS ARE BASED ON MODULE INCREMENTS OF 3 INCHES FROM 12 TO 36 INCHES WIDE CABINETS AND 6 INCH INCREMENTS FOR 36 TO 48 INCHES OF WIDE CABINETS.
4. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE UNO. PROVIDE 3/4" PLYWD SUBSTRATE FOR ALL WET LOCATIONS. 3/4" MDF AT OTHER LOCATIONS, UNO.
5. REFER TO 8 AND 11/A-702 FOR COUNTERTOP DETAILS. 11/A-702 IS TYPICAL COUNTERTOP DETAIL UNO ON ELEVATIONS.
6. REFER TO SHEET A-701 FOR TYP CASEWORK DETAILS.
7. INSTALL 3/4" THK BACKSPLASHES AT ALL LOCATIONS UNO. INSTALL 3/4" END
8. SPLASHES WHEN COUNTER IS ADJACENT TO A PARTITION OR TALLER CASEWORK. LAMINATE ALL EXPOSED EDGES TO MATCH COUNTERTOP. BACKSPLASH AND END SPLASH TO BE 4" HIGH UNO.
9. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS, U.N.O.. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. DO NOT RADIUS CORNER IF A FULL HEIGHT REFRIGERATOR IS PLANNED IMMEDIATELY NEXT TO COUNTERTOP.
10. ADJACENT UPPER CABINETS SHALL HAVE FLUSH BOTTOM TO FORM CONTINUOUS POCKET BEHIND FRONT VALENCE FOR LIGHT FIXTURES. BOTTOM OF EXPOSED SIDES SHALL ALIGN WITH FRONT.
11. PROVIDE FILLER PANEL WHERE CASEWORK ABUTS WALL OR HEADER ABOVE, 1 INCH MINIMUM TO 3 INCH MAXIMUM WIDTH.
12. PROVIDE FINISHED END PANELS AND/OR END RETURNS AT OPEN ENDED, EXPOSED CASEWORK OR AT KNEE SPACES.
13. OPTION 1: LOCATE GROMMETS 48 INCHES ON CENTER MAX. AT BACK OF COUNTERTOPS ABOVE KNEE SPACE, ONE GROMMET MIN. PER COUNTERTOP RUN. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION. SHOW GROMMET LOCATIONS ON SHOP DRAWINGS.
14. OPTION 2: SCHED GROMMETS SHALL BE INSTALLED IN FIELD. ARCHITECT/OWNER TO DETERMINE LOCATIONS AFTER CASEWORK IS INSTALLED. ESTIMATE 1 GROMMET PER 48" OR FRACTION THEREOF OF COUNTERTOP W/O FLOOR MOUNTED BASE CABINETS. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF CASEWORK.
15. SOME DETAILS ON THIS SHEET MAY NOT BE USED.
16. PROVIDE FIRE TREATED WOOD BLOCKING WITHIN WALL FOR ALL MOUNTED CASEWORK.
17. MILLWORK SHALL BE CAULKED TO WALLS
18. CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED
19. SPLICES ARE NOT PERMITTED ON CONTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
20. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

CASEWORK LEGEND

ELEVATION
PLAN BK 3034
CASEWORK TAG BK 3034 — CASEWORK ELEVATION TYPE; NOMINAL HEIGHT IN INCHES; NOMINAL WIDTH IN INCHES

DESCRIPTION	NOMENCLATURE
1 DWR 2DR 1SH	1 DRAWER OVER 2 DOORS W/ 1 SHELF
1PEN, 4DWR EQ	1 PENCIL DRAWER OVER 4 DRAWERS EQUAL SIZE
3OPEN	3 OPEN SPACES

ABBREVIATIONS

BLNK	BLANK
CATH	CATHETERIZATION
CSWK	CASEWORK
CNTR	COUNTER
DR	DOOR
DWR	DRAWER
EQ	EQUAL
EQUIP	EQUIPMENT
HD	HEAVY DUTY
KNEE	KNEE SPACE
LCKR	LOCKER
OPEN	OPEN SPACE(S)
PEN	PENCIL DRAWER
REF	REFRIGERATOR
SH	SHELF OR SHELVES
STOR	STORAGE

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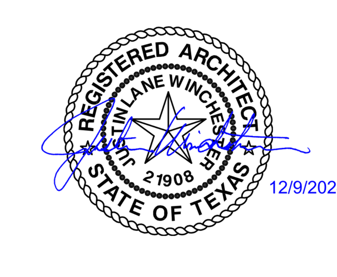
346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



CLIENT
CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL CASEWORK DETAILS

SHEET NUMBER
A-701

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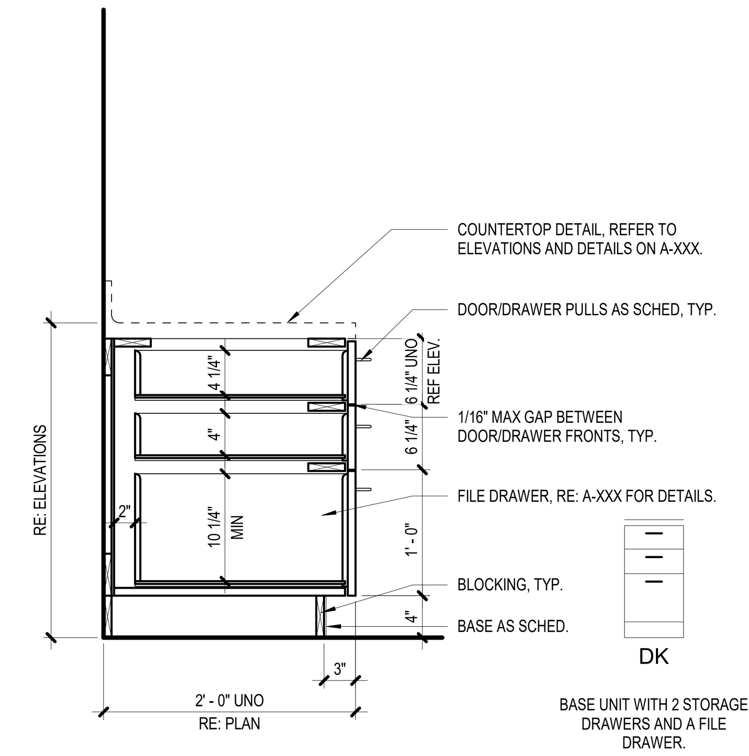
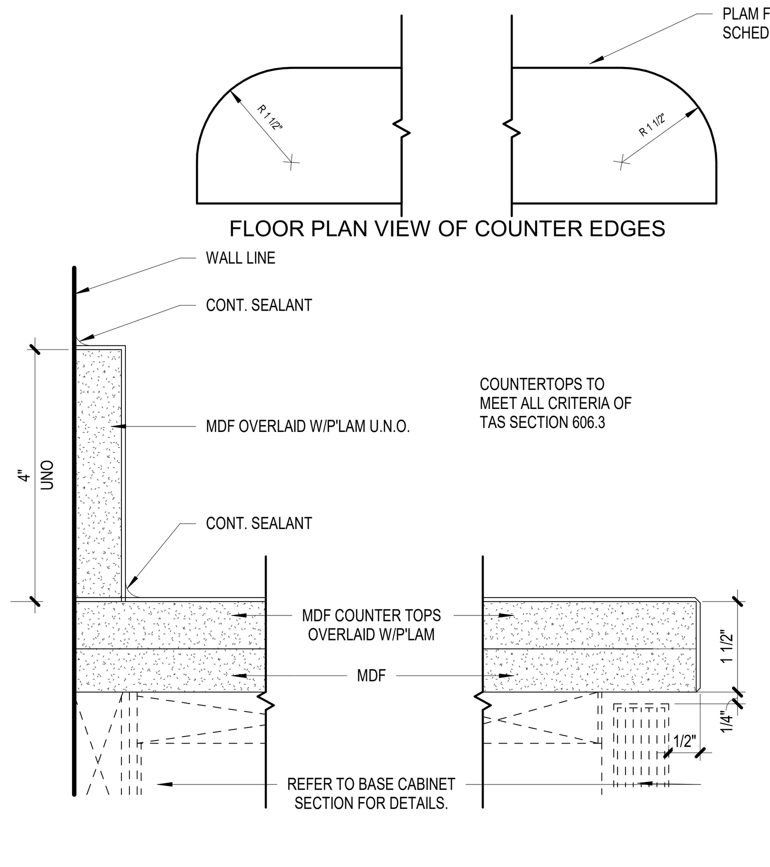
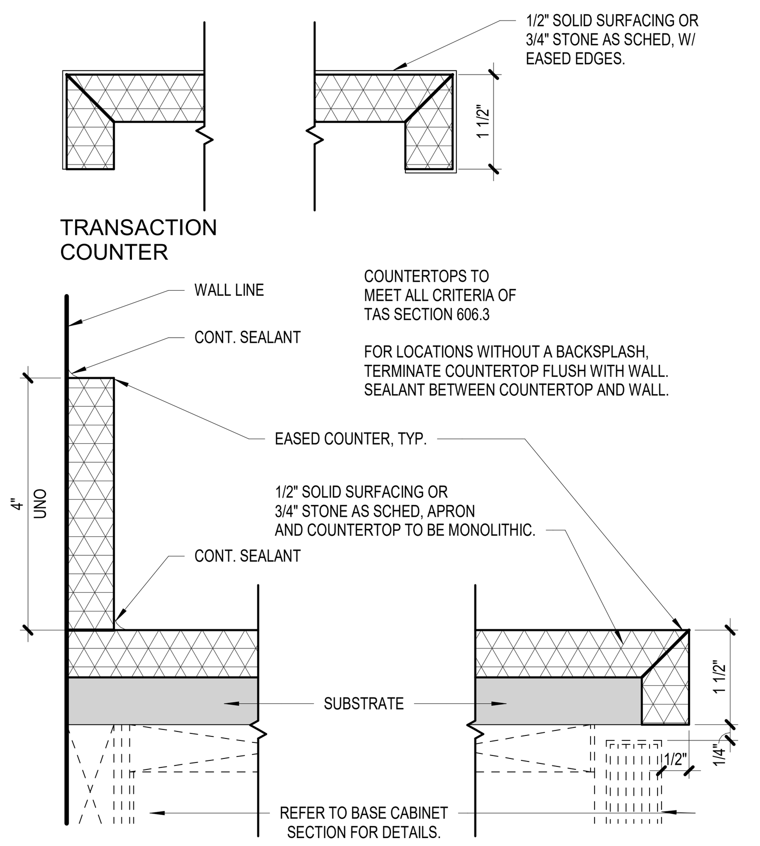


12 BASE CABINET - DK
SCALE: 1" = 1'-0"



11 COUNTERTOP DETAIL
SCALE: 6" = 1'-0"



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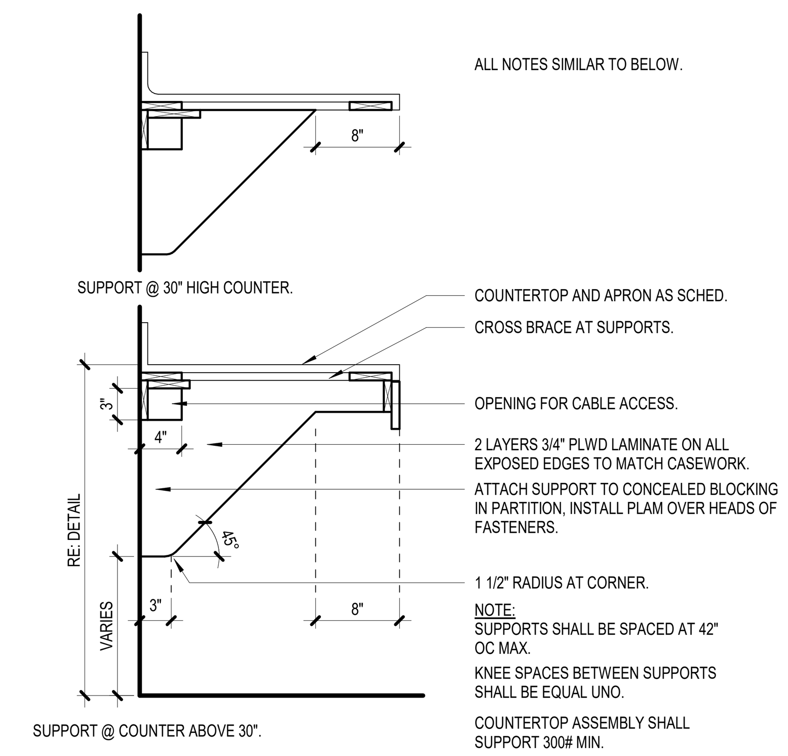

4 TYPICAL COUNTER SUPPORT
SCALE: 1" = 1'-0"

CASEWORK GENERAL NOTES

1. ALL CASEWORK SHOWN ON THIS SHEET IS PLASTIC LAMINATE CLAD UNO.
2. ALL EXPOSED SURFACES AND EDGES SHALL RECEIVE PLASTIC LAMINATE AS SCHED. ALL SEMI-EXPOSED SURFACES AND EDGES SHALL RECEIVE WHITE MELAMINE UNO, TYP.
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11. PROVIDE FILLER PANEL WHERE CASEWORK ABUTS WALL OR HEADER ABOVE, 1 INCH MINIMUM TO 3 INCH MAXIMUM WIDTH.
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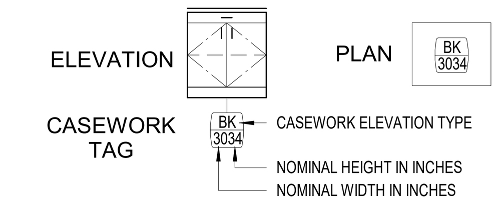
20. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

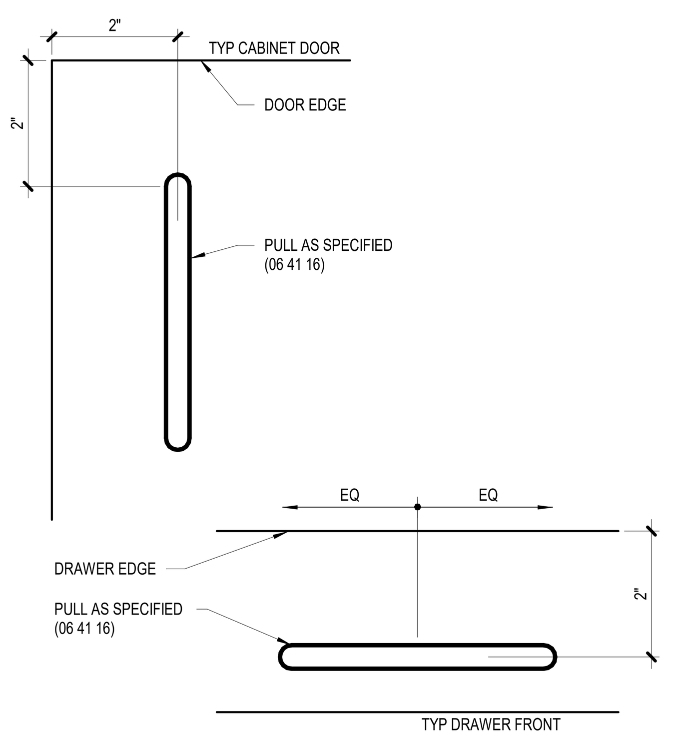
CASEWORK LEGEND



DESCRIPTION	NOMENCLATURE
1 DWR 2DR 1SH	1 DRAWER OVER 2 DOORS W/ 1 SHELF
1PEN, 4DWR EQ	1 PENCIL DRAWER OVER 4 DRAWERS EQUAL SIZE
3OPEN	3 OPEN SPACES

ABBREVIATIONS

BLNK	BLANK
CATH	CATHETERIZATION
CSWK	CASEWORK
CNTR	COUNTER
DR	DOOR
DWR	DRAWER
EQ	EQUAL
EQUIP	EQUIPMENT
HD	HEAVY DUTY
KNEE	KNEE SPACE
LCKR	LOCKER
OPEN	OPEN SPACE(S)
PEN	PENCIL DRAWER
REF	REFRIGERATOR
SH	SHELF OR SHELVES
STOR	STORAGE

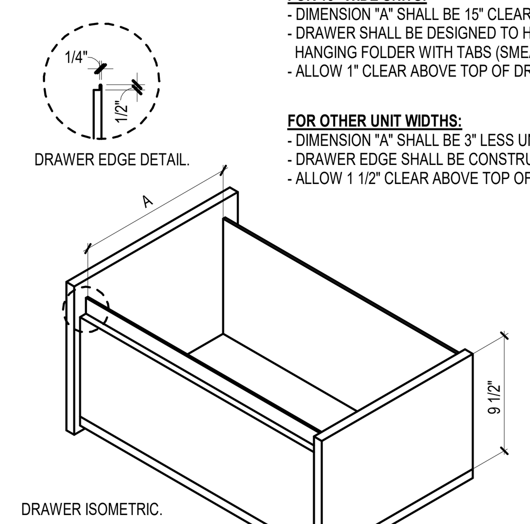


7 TYPICAL PULL LOCATIONS
SCALE: 6" = 1'-0"

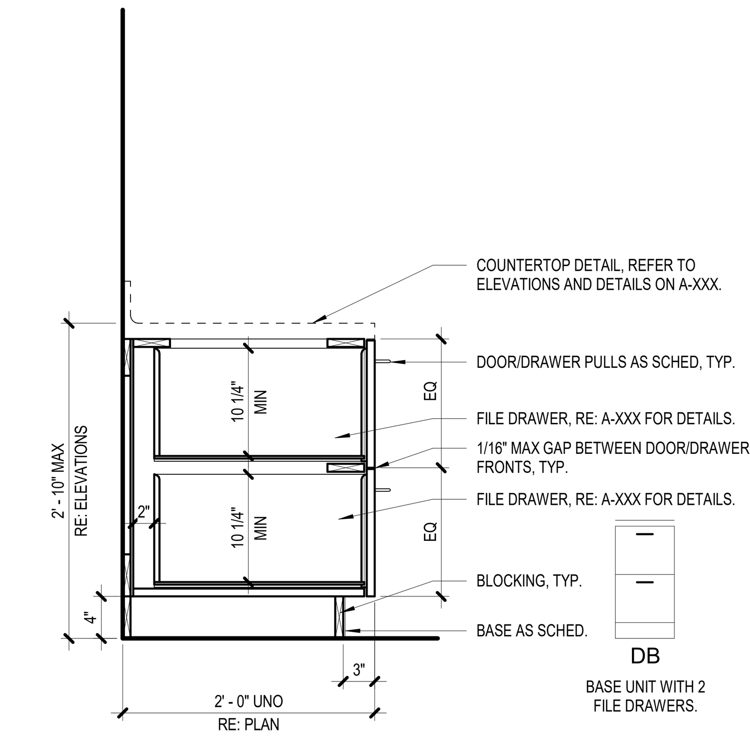
FOR 15" WIDE UNITS:
- DIMENSION "A" SHALL BE 12" CLEAR.
- DRAWER SHALL BE DESIGNED TO HOLD LETTER SIZE HANGING FOLDER WITH TABS (SMEAD C13H OR EQUAL).
- ALLOW 1" CLEAR ABOVE TOP OF DRAWER EDGE.

FOR 18" WIDE UNITS:
- DIMENSION "A" SHALL BE 15" CLEAR.
- DRAWER SHALL BE DESIGNED TO HOLD LEGAL SIZE HANGING FOLDER WITH TABS (SMEAD C23H OR EQUAL).
- ALLOW 1" CLEAR ABOVE TOP OF DRAWER EDGE.

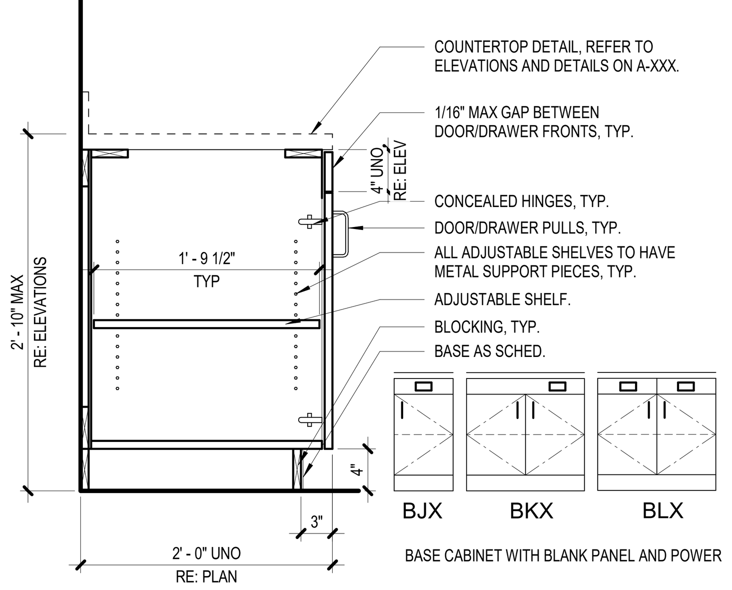
FOR OTHER UNIT WIDTHS:
- DIMENSION "A" SHALL BE 3" LESS UNIT WIDTH.
- DRAWER EDGE SHALL BE CONSTRUCTED AS DETAILED.
- ALLOW 1 1/2" CLEAR ABOVE TOP OF DRAWER EDGE.



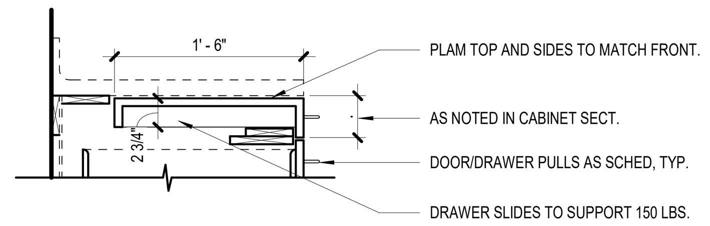
3 FILE DRAWER DETAILS
SCALE: 1" = 1'-0"



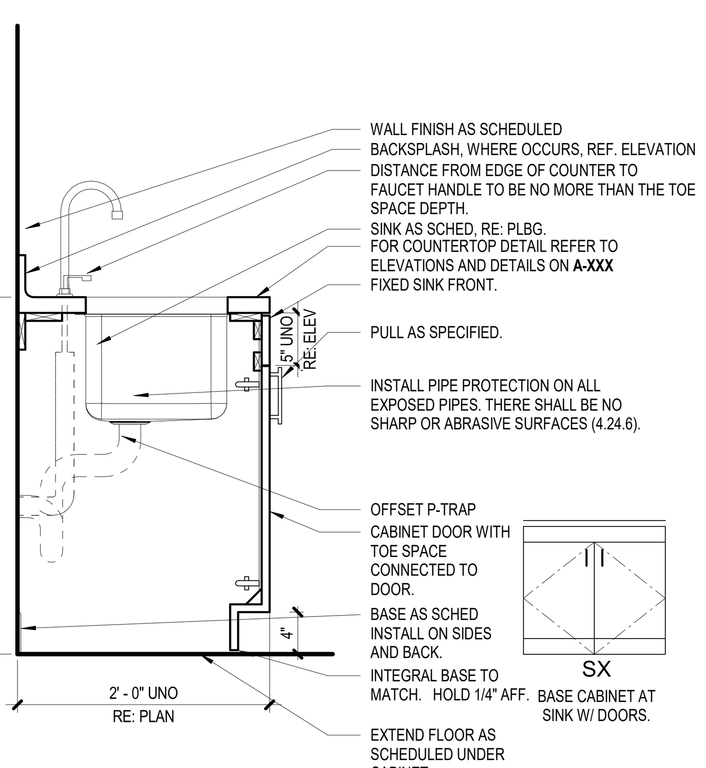
16 BASE CABINET - DB
SCALE: 1" = 1'-0"



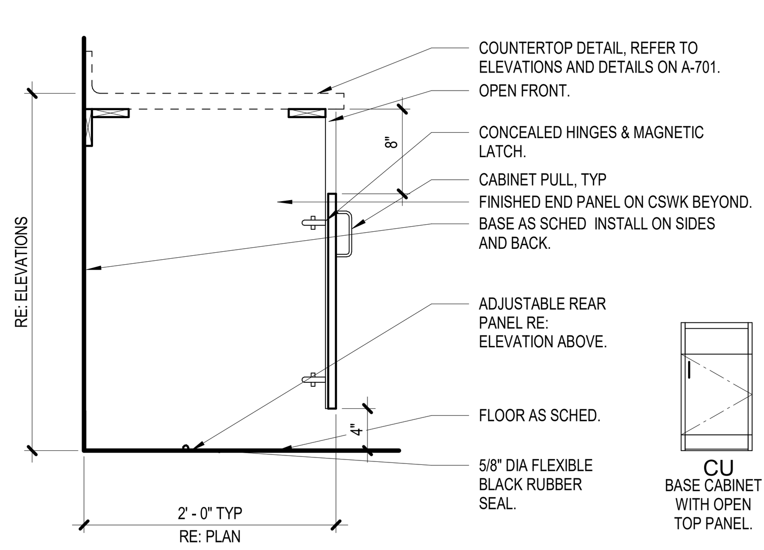
14 BASE CABINET - BJX BKX BLX
SCALE: 1" = 1'-0"



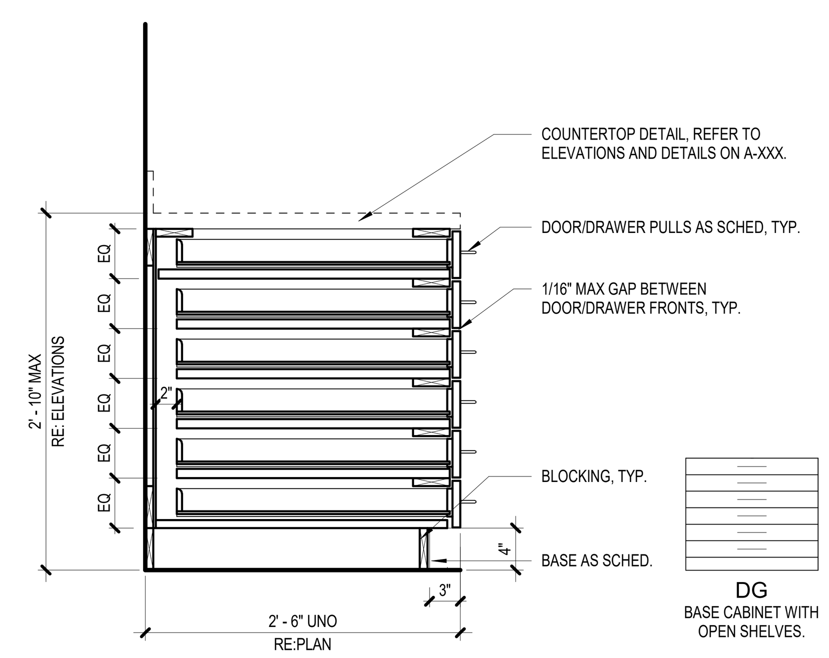
6 WRITING SURFACE DRAWER
SCALE: 1" = 1'-0"



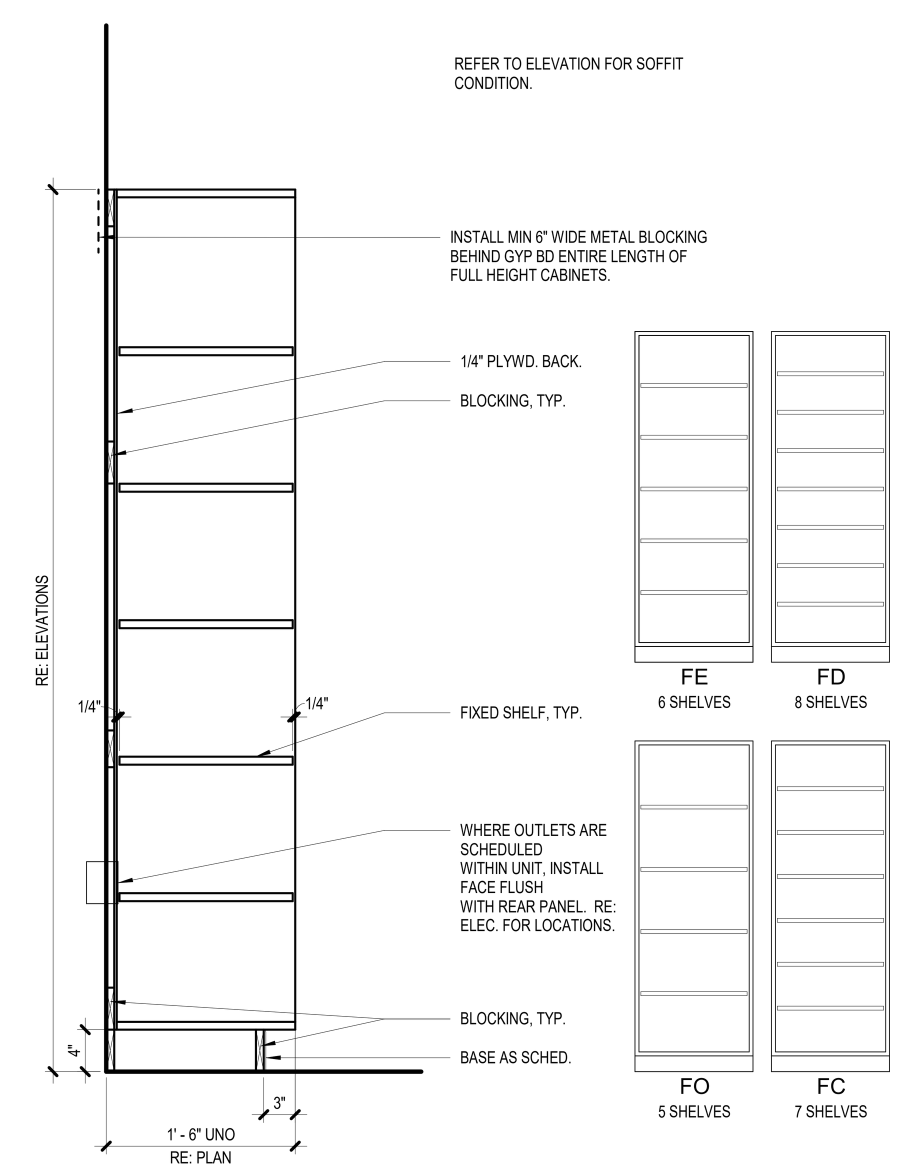
13 BASE SINK CABINET - SX
SCALE: 1" = 1'-0"



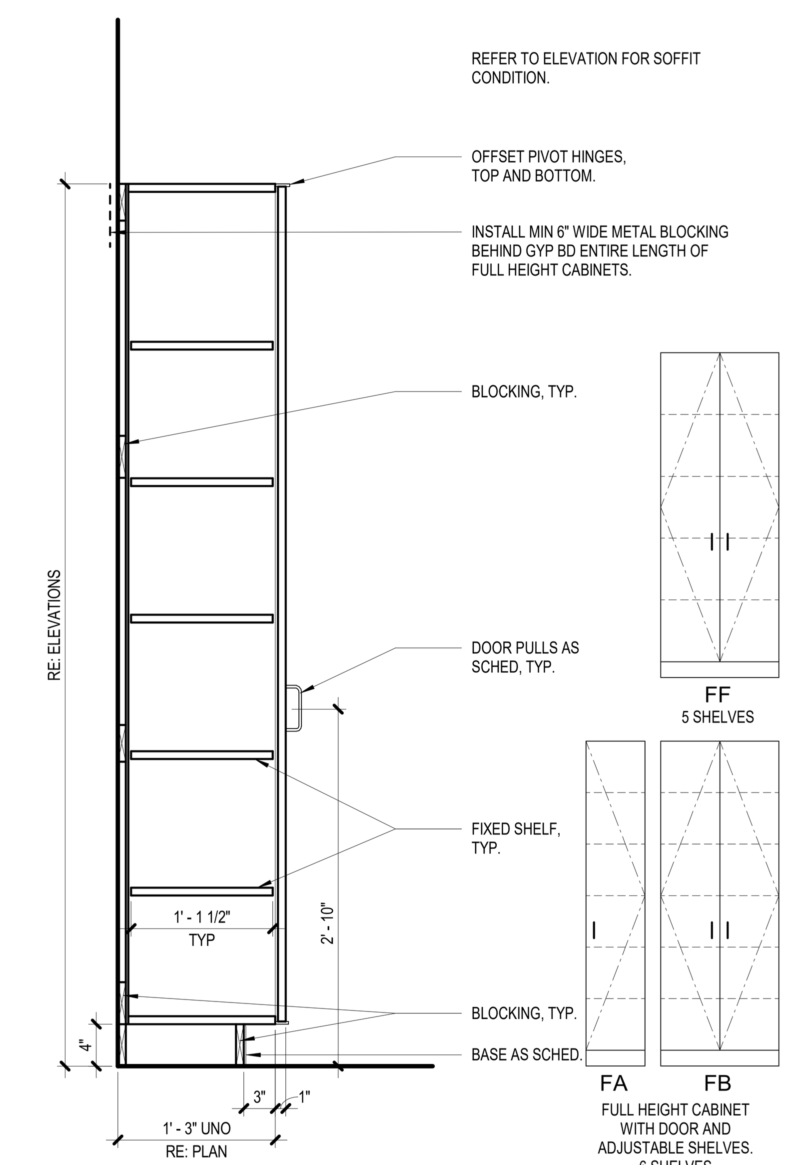
9 BASE CABINET - CU
SCALE: 1" = 1'-0"



5 BASE CABINET - DG
SCALE: 1" = 1'-0"



2 FULL HEIGHT CABINET - FO FC
SCALE: 1" = 1'-0"



1 FULL HEIGHT CABINET - FA FB
SCALE: 1" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
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SHEET NAME
ARCHITECTURAL CASEWORK DETAILS

SHEET NUMBER
A-702

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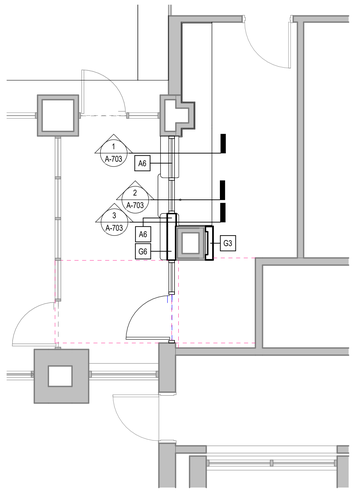
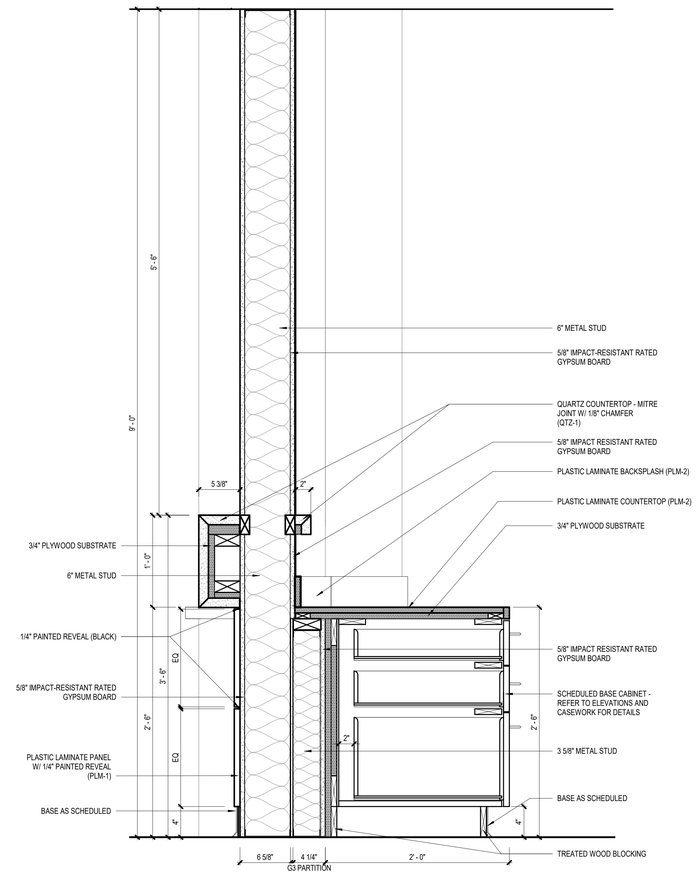


4 S62 - RECEPTION ENLARGED PLAN - PROPOSED (WHOLE)

SCALE: 1/4" = 1'-0"



3 CASEWORK DETAIL - RECEPTION DESK (SECURITY 1506)

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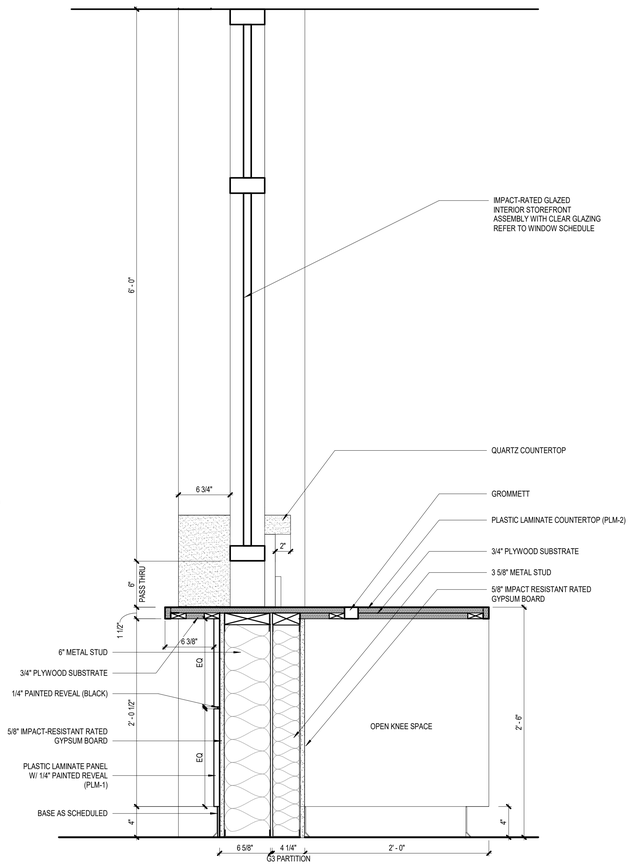

2 CASEWORK SECTION DETAIL - RECEPTION DESK (SECURITY 1506)

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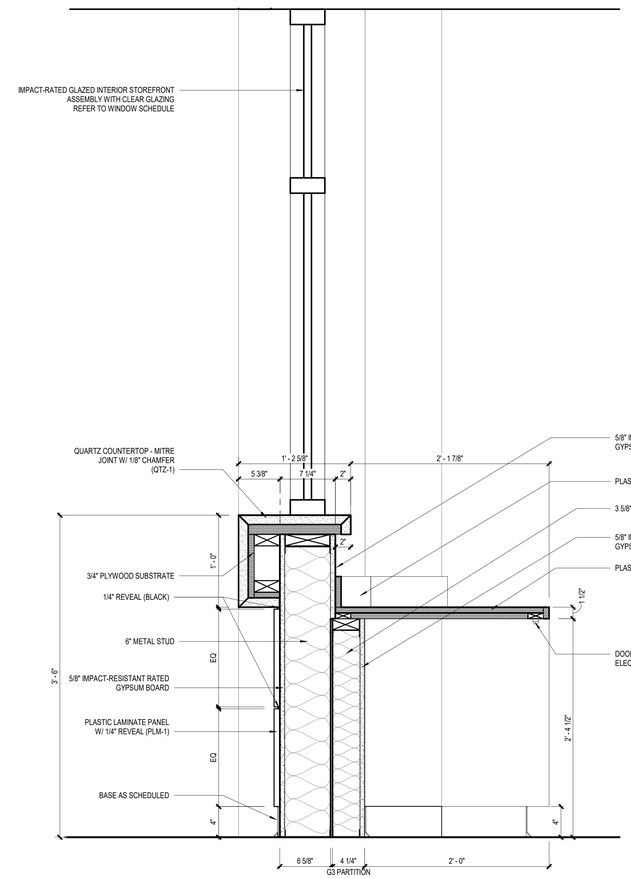

1 CASEWORK SECTION DETAIL - RECEPTION DESK @ KNEE SPACE

SCALE: 1 1/2" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
STEVEN LANE WINCHESTER
21908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

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Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
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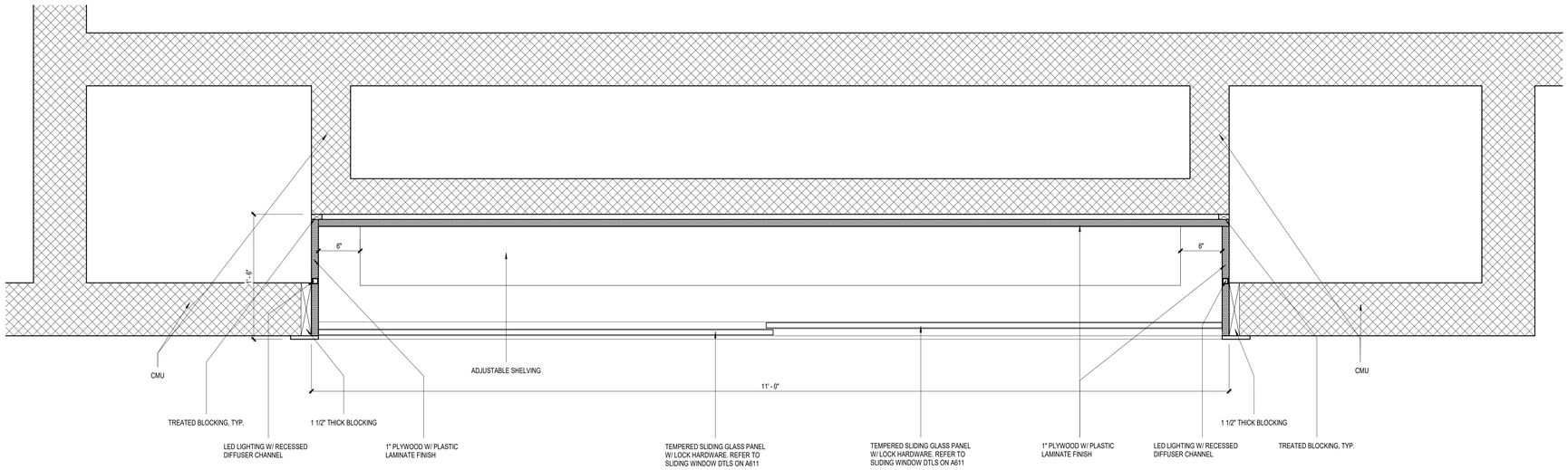
SHEET NAME

ARCHITECTURAL CASEWORK DETAILS - RECEPTION DESK

SHEET NUMBER

A-703

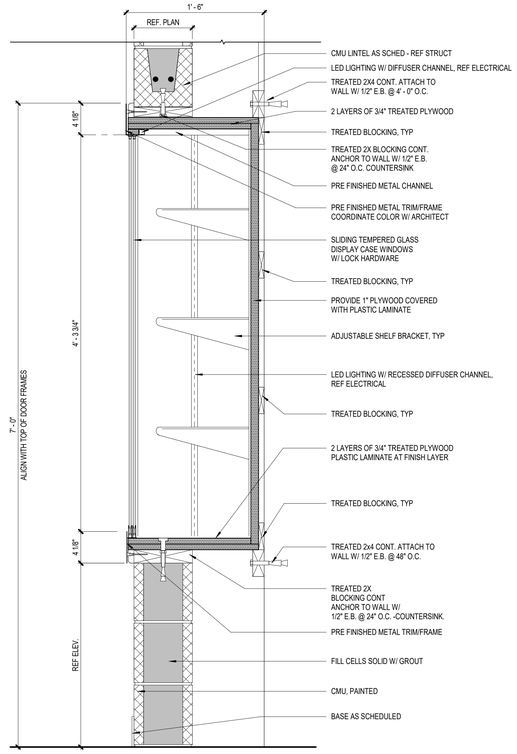


1 DISPLAY CASE DETAIL PLAN

SCALE: 1 1/2" = 1'-0"

3 DISPLAY CASE ELEVATION

SCALE: 1 1/2" = 1'-0"



2 DISPLAY CASE DETAIL

SCALE: 1 1/2" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT — WILLIAM LANE WINSLOW — 21909 — STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

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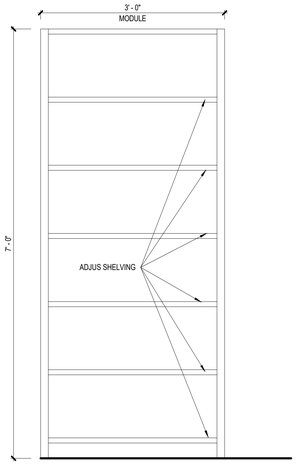
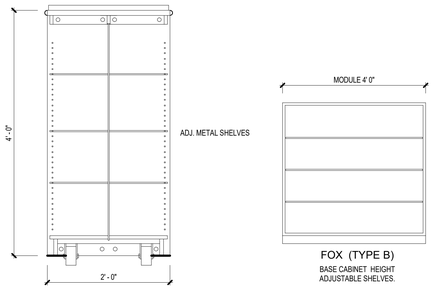
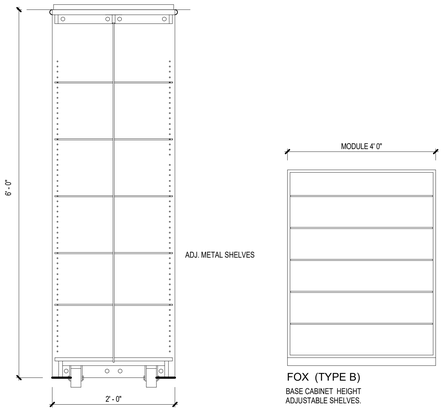


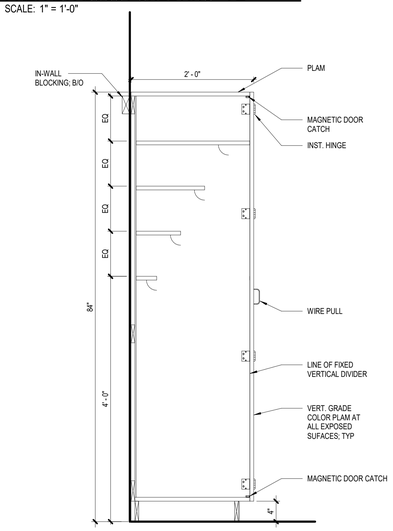
9 PREFAB. ADJUST SHELVING - FZ
SCALE: 1" = 1'-0"



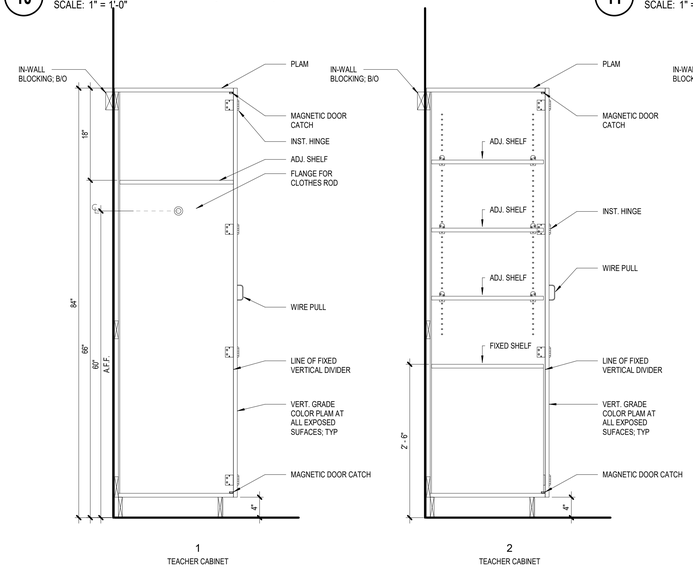
10 BASE CABINET - FOX (TYPE B)
SCALE: 1" = 1'-0"



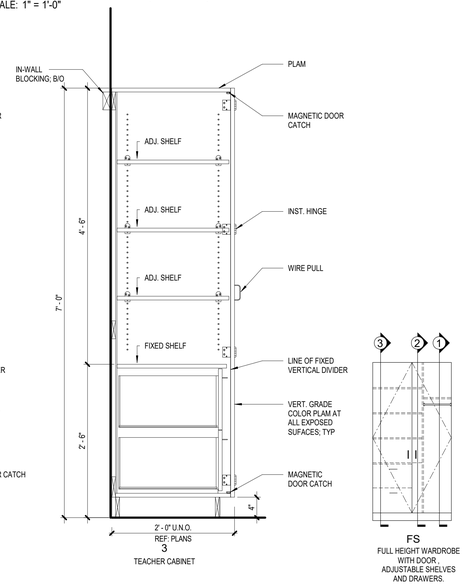
11 BASE CABINET - FOX (TYPE C)
SCALE: 1" = 1'-0"

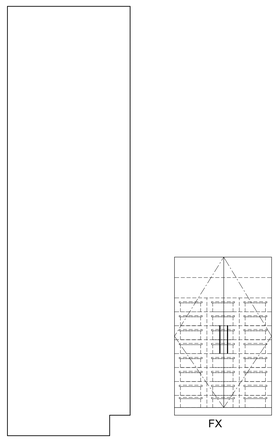


8 FULL HEIGHTCABINET - FT
SCALE: 1" = 1'-0"

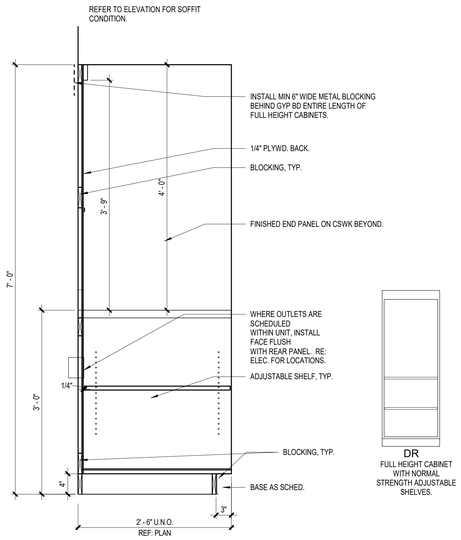


4 FULL HEIGHT TEACHER CABINET - FS
SCALE: 1" = 1'-0"

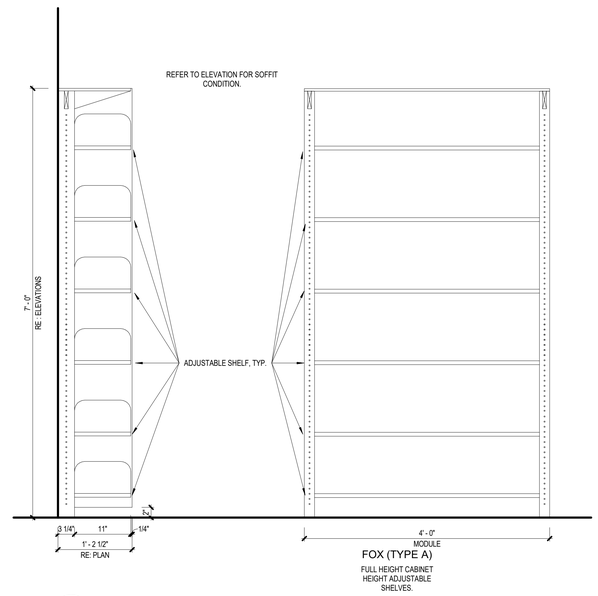




7 FULL HEIGHT CASEWORK "FX"
SCALE: 1" = 1'-0"



3 FULL HEIGHT CABINET - DR
SCALE: 1" = 1'-0"

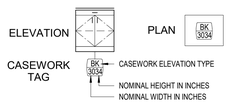


1 FULL HEIGHT CABINET - FOX (TYPE A)
SCALE: 1" = 1'-0"

CASEWORK GENERAL NOTES

1. ALL CASEWORK SHOWN ON THIS SHEET IS PLASTIC LAMINATE CLAD UNO.
2. ALL EXPOSED SURFACES AND EDGES SHALL RECEIVE PLASTIC LAMINATE AS SCHED. ALL SEMI-EXPOSED SURFACES AND EDGES SHALL RECEIVE WHITE MELAMINE UNO, TYP.
3. CABINET WIDTHS ARE BASED ON MODULE INCREMENTS OF 3 INCHES FROM 12 TO 36 INCHES WIDE CABINETS AND 6 INCH INCREMENTS FOR 36 TO 48 INCHES OF WIDE CABINETS.
4. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE UNO. PROVIDE 3/4" PLYWD SUBSTRATE FOR ALL WET LOCATIONS. 3/4" MDF AT OTHER LOCATIONS, UNO.
5. REFER TO 8 AND 11/A-702 FOR COUNTERTOP DETAILS. 11/A-702 IS TYPICAL COUNTERTOP DETAIL UNO ON ELEVATIONS.
6. REFER TO SHEET A-701 FOR TYP CASEWORK DETAILS.
7. INSTALL 3/4" THK BACKSPLASHES AT ALL LOCATIONS UNO. INSTALL 3/4" END SPLASHES WHEN COUNTER IS ADJACENT TO A PARTITION OR TALLER CASEWORK. LAMINATE ALL EXPOSED EDGES TO MATCH COUNTERTOP. BACKSPLASH AND END SPLASH TO BE 4" HIGH UNO.
9. EXPOSED CORNERS AT PLASTIC LAMINATE COUNTERTOPS TO HAVE 1" RADIUS CORNERS, U.N.O.. EXPOSED CORNERS AT QUARTZ/SOLID SURFACE COUNTERTOPS TO HAVE 1/2" RADIUS CORNERS. DO NOT RADIUS CORNER IF A FULL HEIGHT REFRIGERATOR IS PLANNED IMMEDIATELY NEXT TO COUNTERTOP.
10. ADJACENT UPPER CABINETS SHALL HAVE FLUSH BOTTOM TO FORM CONTINUOUS POCKET BEHIND FRONT VALENCE FOR LIGHT FIXTURES. BOTTOM OF EXPOSED SIDES SHALL ALIGN WITH FRONT.
11. PROVIDE FILLER PANEL WHERE CASEWORK ABUTS WALL OR HEADER ABOVE, 1 INCH MINIMUM TO 3 INCH MAXIMUM WIDTH.
12. PROVIDE FINISHED END PANELS AND/OR END RETURNS AT OPEN ENDED, EXPOSED CASEWORK OR AT KNEE SPACES.
13. OPTION 1: LOCATE GROMMETS 48 INCHES ON CENTER MAX. AT BACK OF COUNTERTOPS ABOVE KNEE SPACE, ONE GROMMET MIN. PER COUNTERTOP RUN. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION. SHOW GROMMET LOCATIONS ON SHOP DRAWINGS.
14. OPTION 2: SCHED GROMMETS SHALL BE INSTALLED IN FIELD. ARCHITECT/OWNER TO DETERMINE LOCATIONS AFTER CASEWORK IS INSTALLED. ESTIMATE 1 GROMMET PER 48" OR FRACTION THEREOF OF COUNTERTOP W/O FLOOR MOUNTED BASE CABINETS. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF CASEWORK.
15. SOME DETAILS ON THIS SHEET MAY NOT BE USED.
16. PROVIDE FIRE TREATED WOOD BLOCKING WITHIN WALL FOR ALL MOUNTED CASEWORK.
17. MILLWORK SHALL BE CAULKED TO WALLS
18. CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED
19. SPLICES ARE NOT PERMITTED ON CONTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
20. ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"X11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

CASEWORK LEGEND



DESCRIPTION	NOMENCLATURE
1 DWR 20R 1SH	1 DRAWER OVER 2 DOORS W/ 1 SHELF
1PEN, 4DWR EQ	1 PENCIL DRAWER OVER 4 DRAWERS EQUAL SIZE
3OPEN	3 OPEN SPACES

ABBREVIATIONS

BLNK	BLANK
CATH	CATHETERIZATION
CSWK	CASEWORK
CNTR	COUNTER
DR	DOOR
DWR	DRAWER
EQ	EQUAL
EQUIP	EQUIPMENT
HD	HEAVY DUTY
KNEE	KNEE SPACE
LCKR	LOCKER
OPEN	OPEN SPACE(S)
PEN	PENCIL DRAWER
REF	REFRIGERATOR
SH	SHELF OR SHELVES
STOR	STORAGE

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

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SHEET NAME
ARCHITECTURAL CASEWORK DETAILS

SHEET NUMBER
A-706

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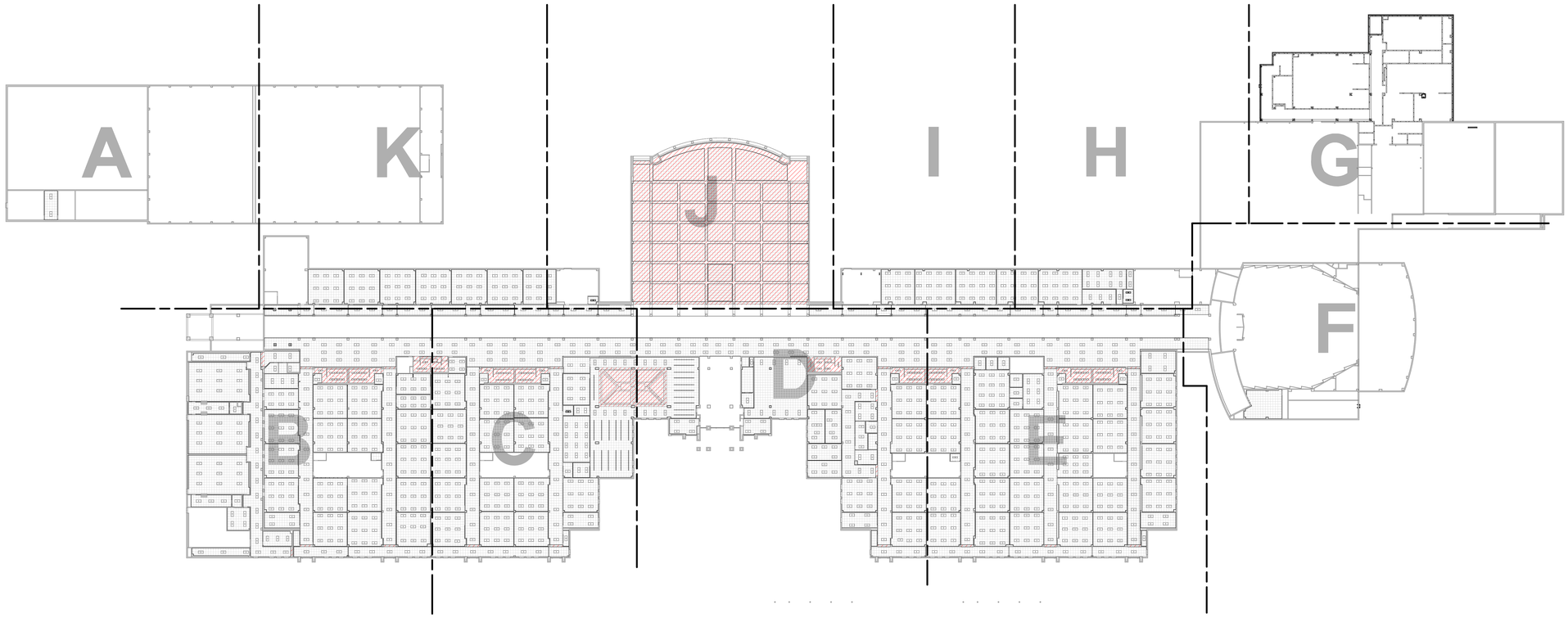
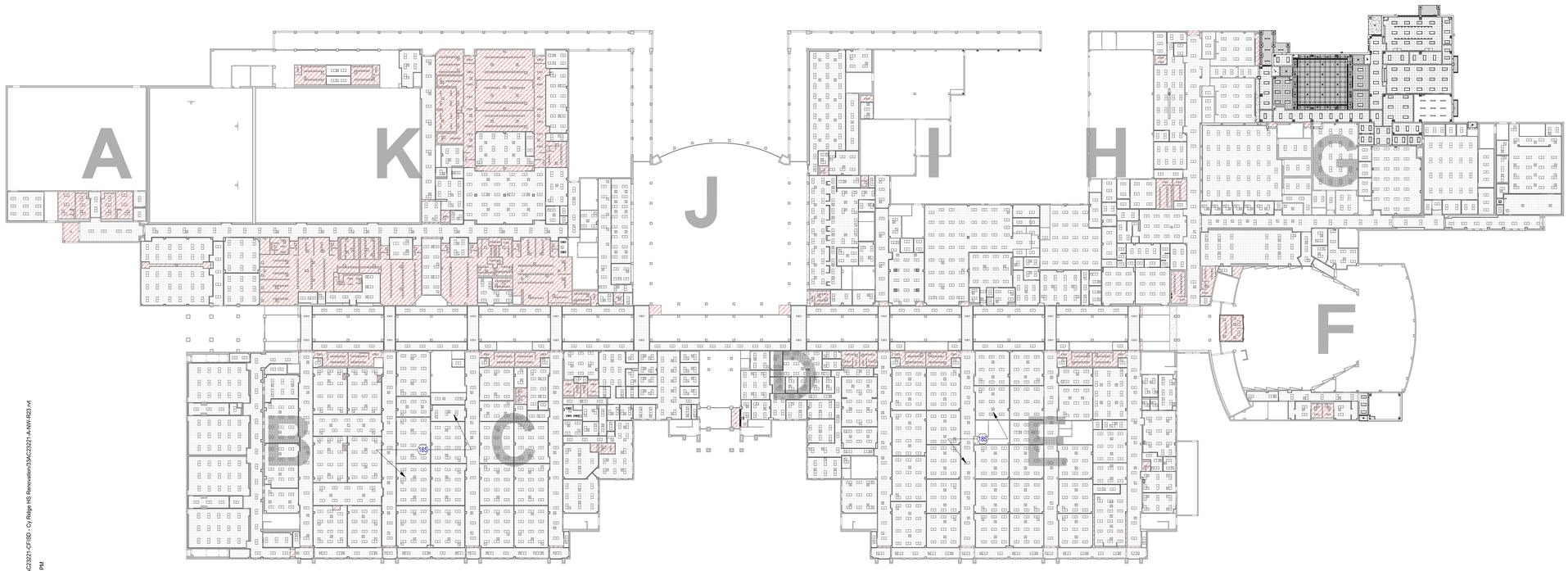


3 **ARCHITECTURAL - OVERALL REFLECTED CEILING PLAN - LEVEL 02**
SCALE: 1" = 40'-0"



1 **ARCHITECTURAL - OVERALL REFLECTED CEILING PLAN - LEVEL 01**
SCALE: 1" = 40'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
2. ALL ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN ROOM UNLESS NOTED OTHERWISE.
3. ALL CORRIDOR ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN THE CORRIDOR, UNLESS NOTED OTHERWISE.
4. ALL 'CAN' LIGHT FIXTURES TO BE CENTERED WITHIN ACOUSTICAL CEILING TILES.
5. PROVIDE CONTINUOUS R19 BATT INSULATION ABOVE PARKING AREA CEILING EXCEPT AT LOCATIONS DESIGNATED "INSULATED CEILING TILES".
6. ALL DIFFUSERS AND AIR GRILLES SHALL BE PAINTED TO MATCH THE WALL OR CEILING THEY ARE INSTALLED IN U.N.O.
7. ALL EXISTING SPEAKERS WILL BE REMOVE AND PLACE THEM BACK IN THE SAME LOCATION. WHERE THEY REQUIRED; FIRE ALARM AND SPEAKERS SHOULD BE TOGETHER.
8. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.

KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
E E	EXISTING LIGHT FIXTURES TO REMAIN. REF; ELECTRICAL DRAWINGS
	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
	NEW SUSPENDED OR MOUNTED LIGHT FIXTURES REF; ELECTRICAL DRAWINGS
	NEW HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS.
	EXISTING HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	2'x2' ACOUSTIC CEILING TILE
	2'x2' ACOUSTIC CEILING TILE -TYPE 2 (CAFETERIA, LIBRARY, LGI)
	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC).

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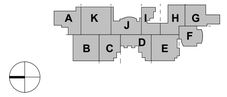
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINGATE 12908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 & 02

SHEET NUMBER
AC-101

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 2:16:57 PM

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA A**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
2. ALL ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN ROOM UNLESS NOTED OTHERWISE.
3. ALL CORRIDOR ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN THE CORRIDOR, UNLESS NOTED OTHERWISE.
4. ALL 'CAN' LIGHT FIXTURES TO BE CENTERED WITHIN ACOUSTICAL CEILING TILES.
5. PROVIDE CONTINUOUS R19 BATT INSULATION ABOVE PARKING AREA CEILING EXCEPT AT LOCATIONS DESIGNATED "INSULATED CEILING TILES".
6. ALL DIFFUSERS AND AIR GRILLES SHALL BE PAINTED TO MATCH THE WALL OR CEILING THEY ARE INSTALLED IN U.N.O.
7. ALL EXISTING SPEAKERS WILL BE REMOVE AND PLACE THEM BACK IN THE SAME LOCATION. WHERE THEY REQUIRED; FIRE ALARM AND SPEAKERS SHOULD BE TOGETHER.
8. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.

CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
E E	EXISTING LIGHT FIXTURES TO REMAIN. REF; ELECTRICAL DRAWINGS
	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
	NEW SUSPENDED OR MOUNTED LIGHT FIXTURES REF; ELECTRICAL DRAWINGS
	NEW HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS.
	EXISTING HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	2'x2' ACOUSTIC CEILING TILE
	2'x2' ACOUSTIC CEILING TILE -TYPE 2 (CAFETERIA, LIBRARY, LGI)
	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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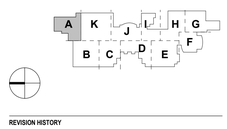
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22021	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA A

SHEET NUMBER
AC-101-A

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USER NAME:
DATE & TIME: 12/6/2024 2:17:03 PM

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA B**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

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CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
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	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
	NEW SUSPENDED OR MOUNTED LIGHT FIXTURES REF; ELECTRICAL DRAWINGS
	NEW HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	EXISTING HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	2'x2' ACOUSTIC CEILING TILE
	2'x2' ACOUSTIC CEILING TILE -TYPE 2 (CAFETERIA, LIBRARY, LGI)
	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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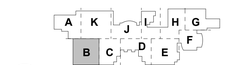
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA B

SHEET NUMBER
AC-101-B

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-AW-R23.rvt
USER NAME:
DATE & TIME: 12/26/2024 2:17:08 PM

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA C**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
2. ALL ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN ROOM UNLESS NOTED OTHERWISE.
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CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
E E	EXISTING LIGHT FIXTURES TO REMAIN. REF; ELECTRICAL DRAWINGS
	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
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	NEW HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	EXISTING HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	2'x2' ACOUSTIC CEILING TILE
	2'x2' ACOUSTIC CEILING TILE -TYPE 2 (CAFETERIA, LIBRARY, LGI)
	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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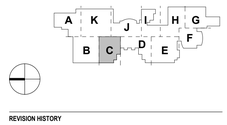
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA C

SHEET NUMBER
AC-101-C

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USER NAME:
DATE STAMP: 12/6/2024 2:17:13 PM

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA D**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
2. ALL ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN ROOM UNLESS NOTED OTHERWISE.
3. ALL CORRIDOR ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN THE CORRIDOR, UNLESS NOTED OTHERWISE.
4. ALL 'CAN' LIGHT FIXTURES TO BE CENTERED WITHIN ACOUSTICAL CEILING TILES.
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CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
E E	EXISTING LIGHT FIXTURES TO REMAIN. REF; ELECTRICAL DRAWINGS
	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
	NEW SUSPENDED OR MOUNTED LIGHT FIXTURES REF; ELECTRICAL DRAWINGS
	NEW HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	EXISTING HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	2'x2' ACOUSTIC CEILING TILE
	2'x2' ACOUSTIC CEILING TILE -TYPE 2 (CAFETERIA, LIBRARY, LGI)
	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA D

SHEET NUMBER
AC-101-D

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
USER NAME:
DATE STAMP: 12/6/2024 2:17:20 PM

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA E**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

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CEILING PLAN LEGEND

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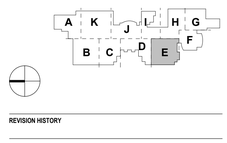
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA E

SHEET NUMBER
AC-101-E

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1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA G**
SCALE: 1/8" = 1'-0"

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DATE STAMP: 12/26/2024 2:17:35 PM

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
2. ALL ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN ROOM UNLESS NOTED OTHERWISE.
3. ALL CORRIDOR ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN THE CORRIDOR, UNLESS NOTED OTHERWISE.
4. ALL 'CAN' LIGHT FIXTURES TO BE CENTERED WITHIN ACOUSTICAL CEILING TILES.
5. PROVIDE CONTINUOUS R19 BATT INSULATION ABOVE PARKING AREA CEILING EXCEPT AT LOCATIONS DESIGNATED "INSULATED CEILING TILES".
6. ALL DIFFUSERS AND AIR GRILLES SHALL BE PAINTED TO MATCH THE WALL OR CEILING THEY ARE INSTALLED IN U.N.O.
7. ALL EXISTING SPEAKERS WILL BE REMOVE AND PLACE THEM BACK IN THE SAME LOCATION. WHERE THEY REQUIRED; FIRE ALARM AND SPEAKERS SHOULD BE TOGETHER.
8. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.

CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
E E	EXISTING LIGHT FIXTURES TO REMAIN. REF; ELECTRICAL DRAWINGS
	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
	NEW SUSPENDED OR MOUNTED LIGHT FIXTURES REF; ELECTRICAL DRAWINGS
	NEW HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	EXISTING HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	2'x2' ACOUSTIC CEILING TILE
	2'x2' ACOUSTIC CEILING TILE -TYPE 2 (CAFETERIA, LIBRARY, LGI)
	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
141	NEW GYPSUM BOARD FURR DOWN. REF; DETAIL 01 / A-531
174	PROVIDE 4' X 4' PIPE GRID BY A/V. MOUNT AT 15' - 4" AFF. PAINTED BLACK. REFER TO A/V DRAWINGS FOR ADDITIONAL DETAILS.
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868
186	NEW TRACK LIGHTING - CEILING MOUNTED. REFERENCE ELECTRICAL DWGS.
191	CANOPY MOUNTED LIGHTING. CONDUIT FOR LIGHTING SHALL NOT PENETRATE CANOPY. PAINT CONDUIT TO MATCH CANOPY COLOR.

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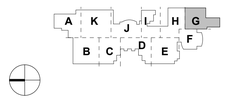

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
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33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA G

SHEET NUMBER
AC-101-G

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA H**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

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CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
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	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
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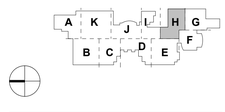

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINGATE
No. 21908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
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DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA H

SHEET NUMBER
AC-101-H

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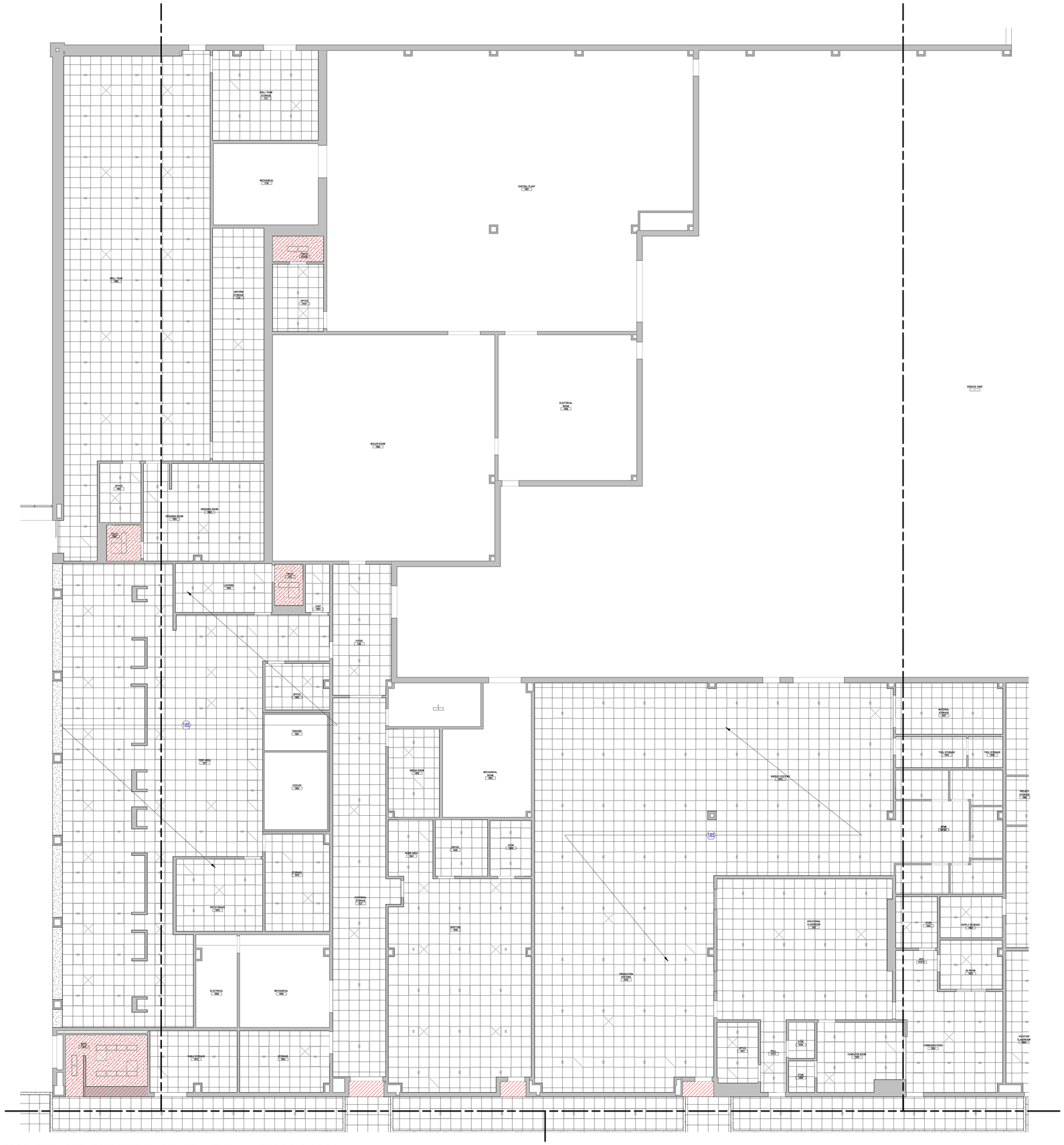

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA I**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

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CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
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KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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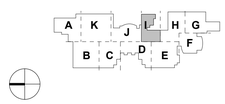

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINCHESTER
12906
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA I

SHEET NUMBER
AC-101-I

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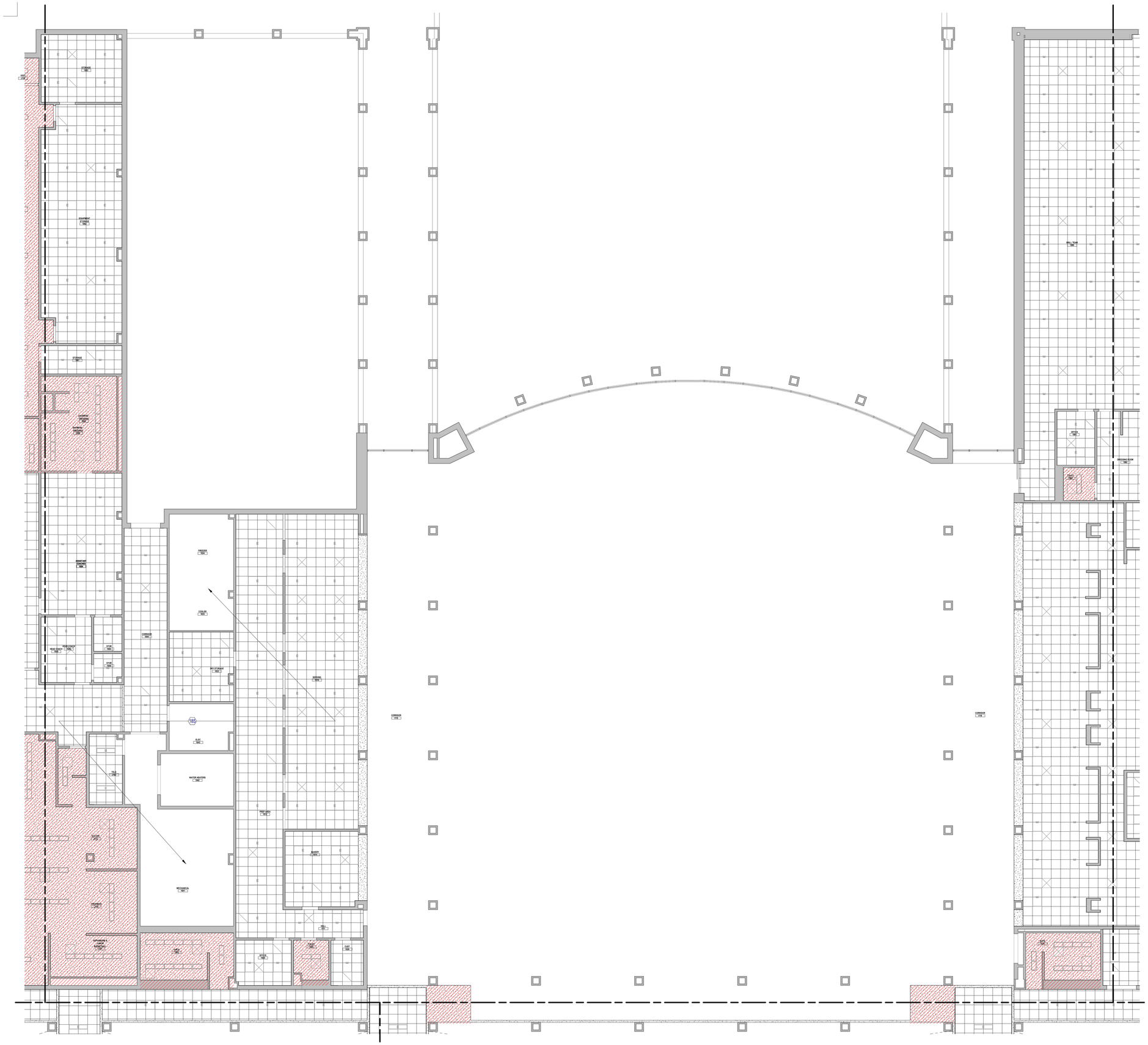

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA J**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

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CEILING PLAN LEGEND

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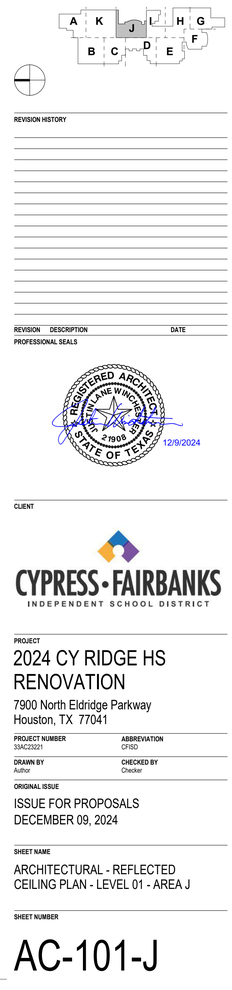

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REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA J

SHEET NUMBER
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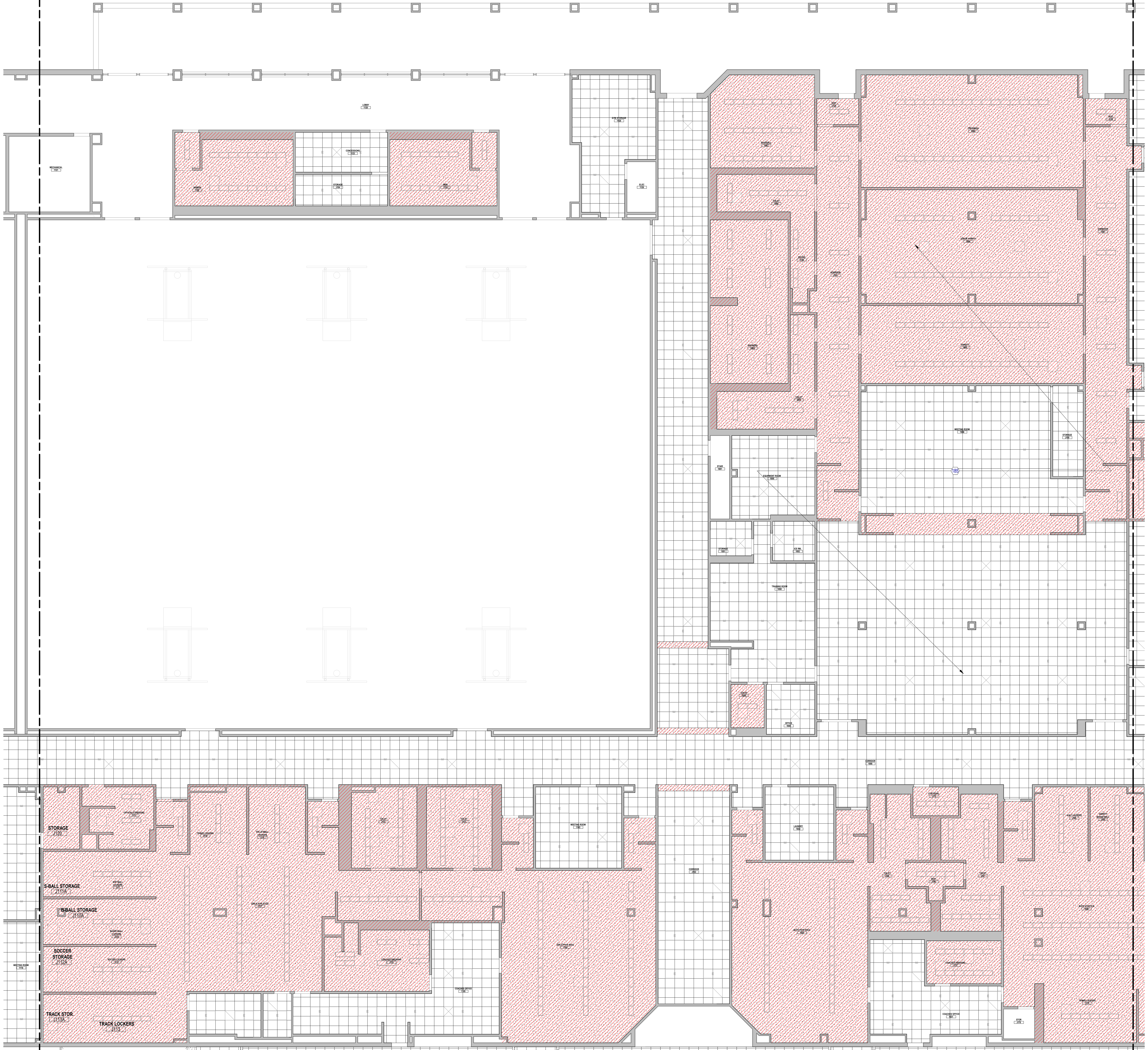

1 ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA K
SCALE: 1/8" = 1'-0"

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KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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281.578.9595

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KW Landscape Architects
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346.509.5638

KEYPLAN

A K J I H G F B C D E

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JUSTIN LANE WINCHESTER 21908 STATE OF TEXAS 12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

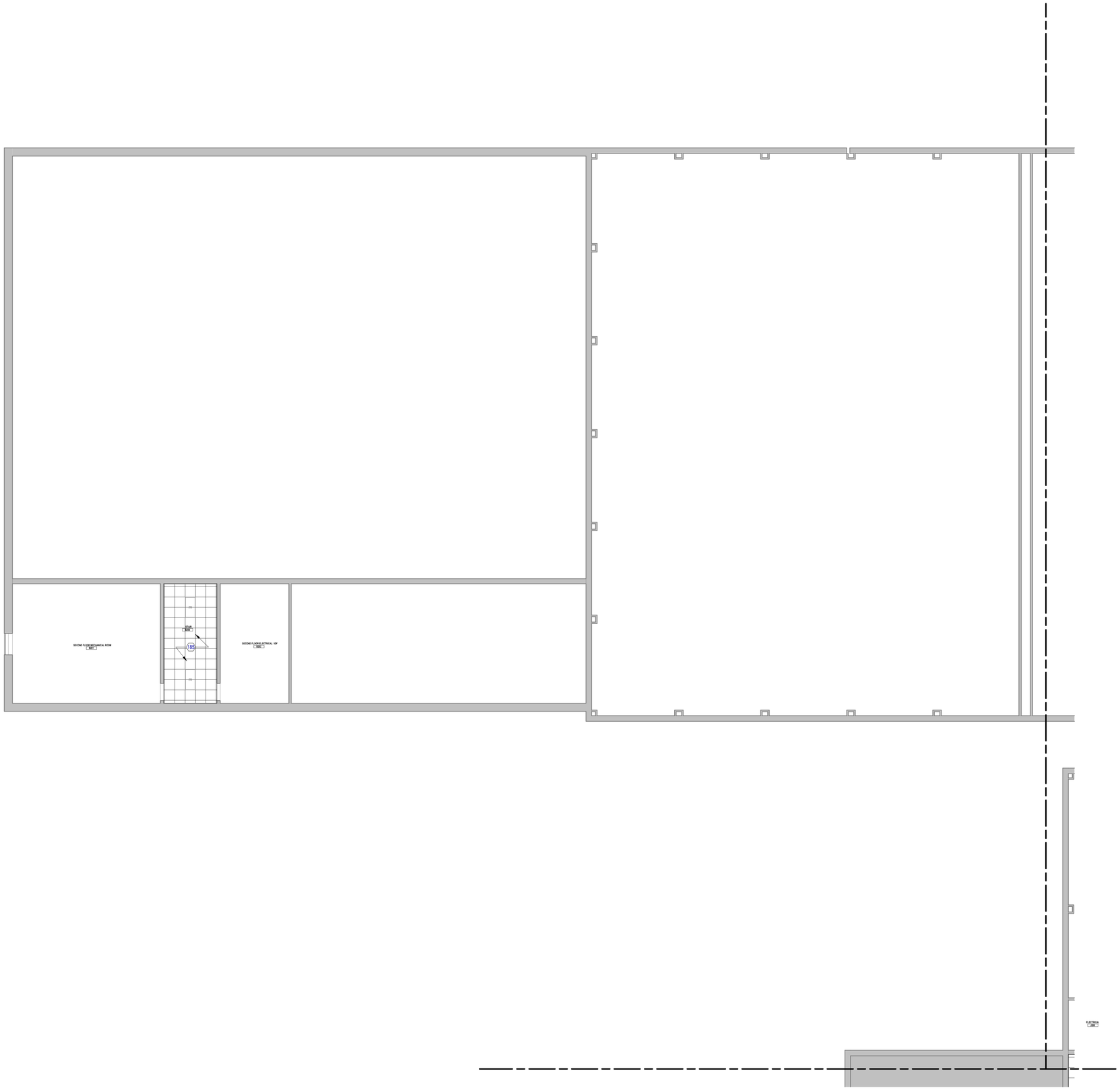
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA K

SHEET NUMBER
AC-101-K



1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - BUILDING AREA A**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
2. ALL ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN ROOM UNLESS NOTED OTHERWISE.
3. ALL CORRIDOR ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN THE CORRIDOR, UNLESS NOTED OTHERWISE.
4. ALL 'CAN' LIGHT FIXTURES TO BE CENTERED WITHIN ACOUSTICAL CEILING TILES.
5. PROVIDE CONTINUOUS R19 BATT INSULATION ABOVE PARKING AREA CEILING EXCEPT AT LOCATIONS DESIGNATED "INSULATED CEILING TILES".
6. ALL DIFFUSERS AND AIR GRILLES SHALL BE PAINTED TO MATCH THE WALL OR CEILING THEY ARE INSTALLED IN U.N.O.
7. ALL EXISTING SPEAKERS WILL BE REMOVE AND PLACE THEM BACK IN THE SAME LOCATION. WHERE THEY REQUIRED; FIRE ALARM AND SPEAKERS SHOULD BE TOGETHER.
8. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.

CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
E E	EXISTING LIGHT FIXTURES TO REMAIN. REF; ELECTRICAL DRAWINGS
	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
	NEW SUSPENDED OR MOUNTED LIGHT FIXTURES REF; ELECTRICAL DRAWINGS
	NEW HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS.
	EXISTING HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	2'x2' ACOUSTIC CEILING TILE
	2'x2' ACOUSTIC CEILING TILE -TYPE 2 (CAFETERIA, LIBRARY, LGI)
	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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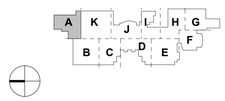
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINGATE
21908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - AREA A

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AC-102-A

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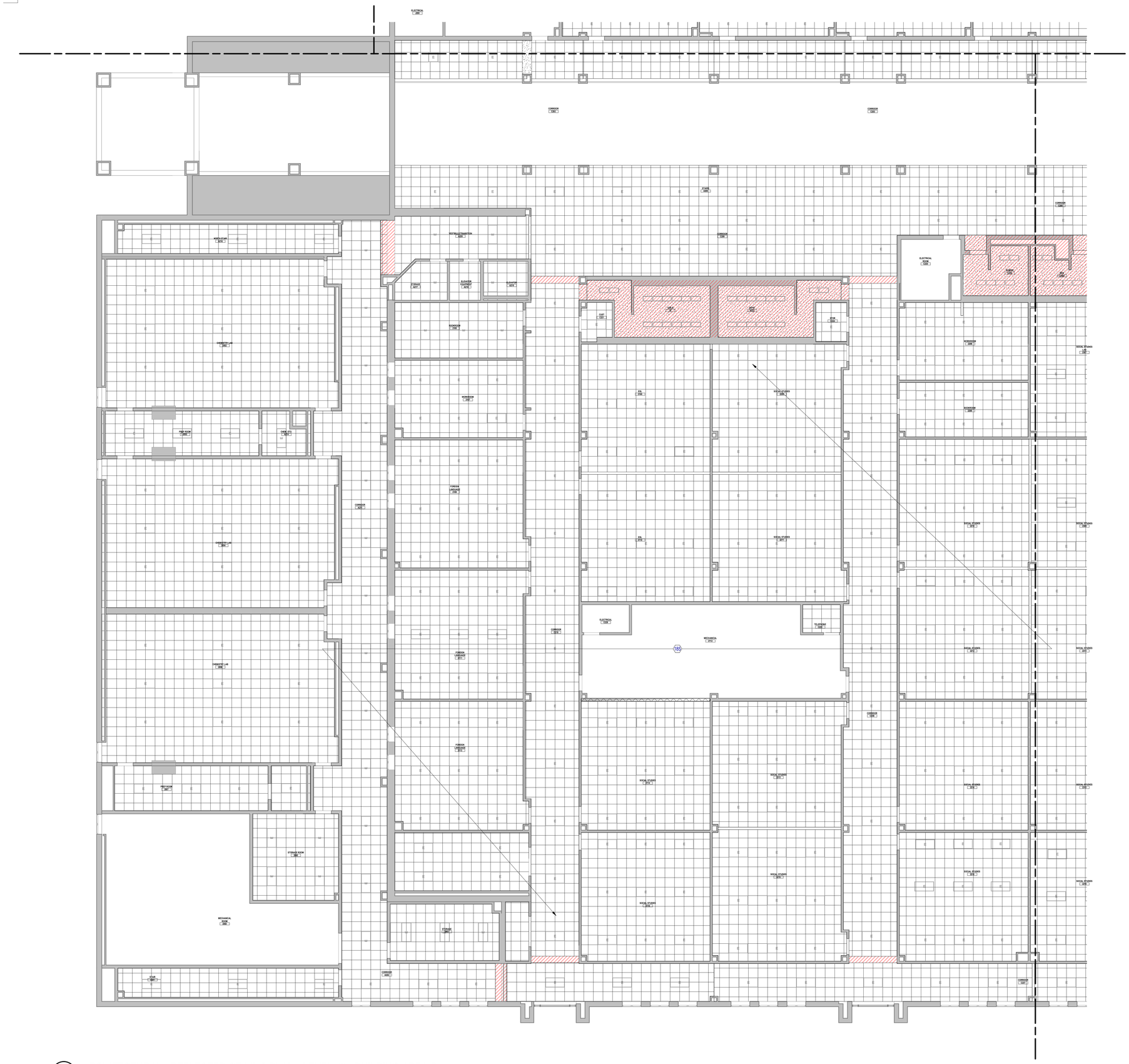

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - BUILDING AREA B**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
2. ALL ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN ROOM UNLESS NOTED OTHERWISE.
3. ALL CORRIDOR ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN THE CORRIDOR, UNLESS NOTED OTHERWISE.
4. ALL 'CAN' LIGHT FIXTURES TO BE CENTERED WITHIN ACOUSTICAL CEILING TILES.
5. PROVIDE CONTINUOUS R19 BATT INSULATION ABOVE PARKING AREA CEILING EXCEPT AT LOCATIONS DESIGNATED "INSULATED CEILING TILES".
6. ALL DIFFUSERS AND AIR GRILLES SHALL BE PAINTED TO MATCH THE WALL OR CEILING THEY ARE INSTALLED IN U.N.O.
7. ALL EXISTING SPEAKERS WILL BE REMOVE AND PLACE THEM BACK IN THE SAME LOCATION, WHERE THEY REQUIRED; FIRE ALARM AND SPEAKERS SHOULD BE TOGETHER.
8. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION, LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.

CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
E E	EXISTING LIGHT FIXTURES TO REMAIN. REF; ELECTRICAL DRAWINGS
	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
	NEW SUSPENDED OR MOUNTED LIGHT FIXTURES REF; ELECTRICAL DRAWINGS
	NEW HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	EXISTING HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	2'x2' ACOUSTIC CEILING TILE
	2'x2' ACOUSTIC CEILING TILE -TYPE 2 (CAFETERIA, LIBRARY, LGI)
	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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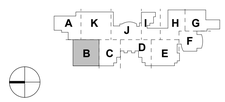
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - AREA B

SHEET NUMBER
AC-102-B

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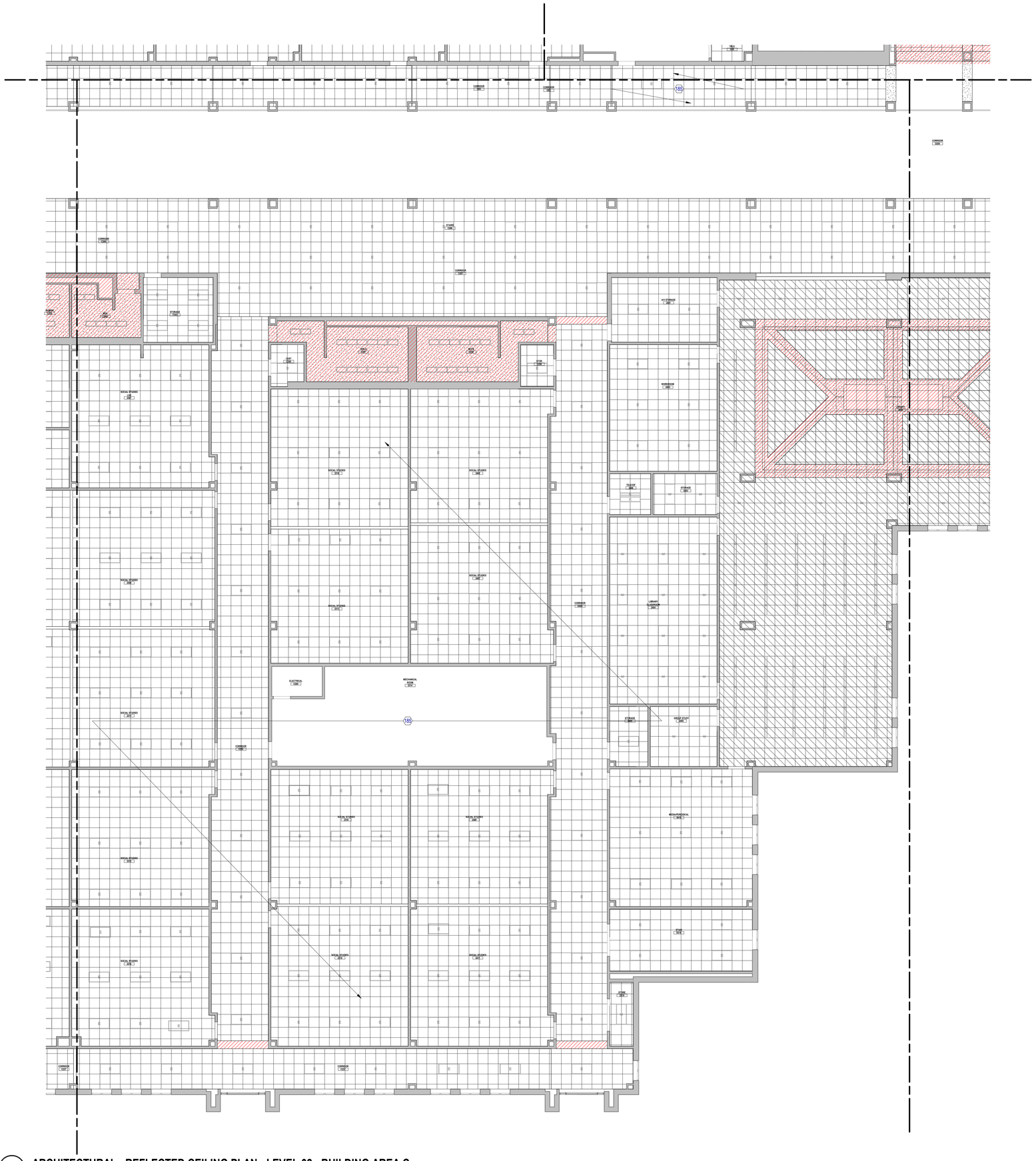

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - BUILDING AREA C**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
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CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
E E	EXISTING LIGHT FIXTURES TO REMAIN. REF; ELECTRICAL DRAWINGS
	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
	NEW SUSPENDED OR MOUNTED LIGHT FIXTURES REF; ELECTRICAL DRAWINGS
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	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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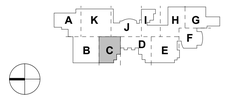
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINCHESTER
27906
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - AREA C

SHEET NUMBER
AC-102-C

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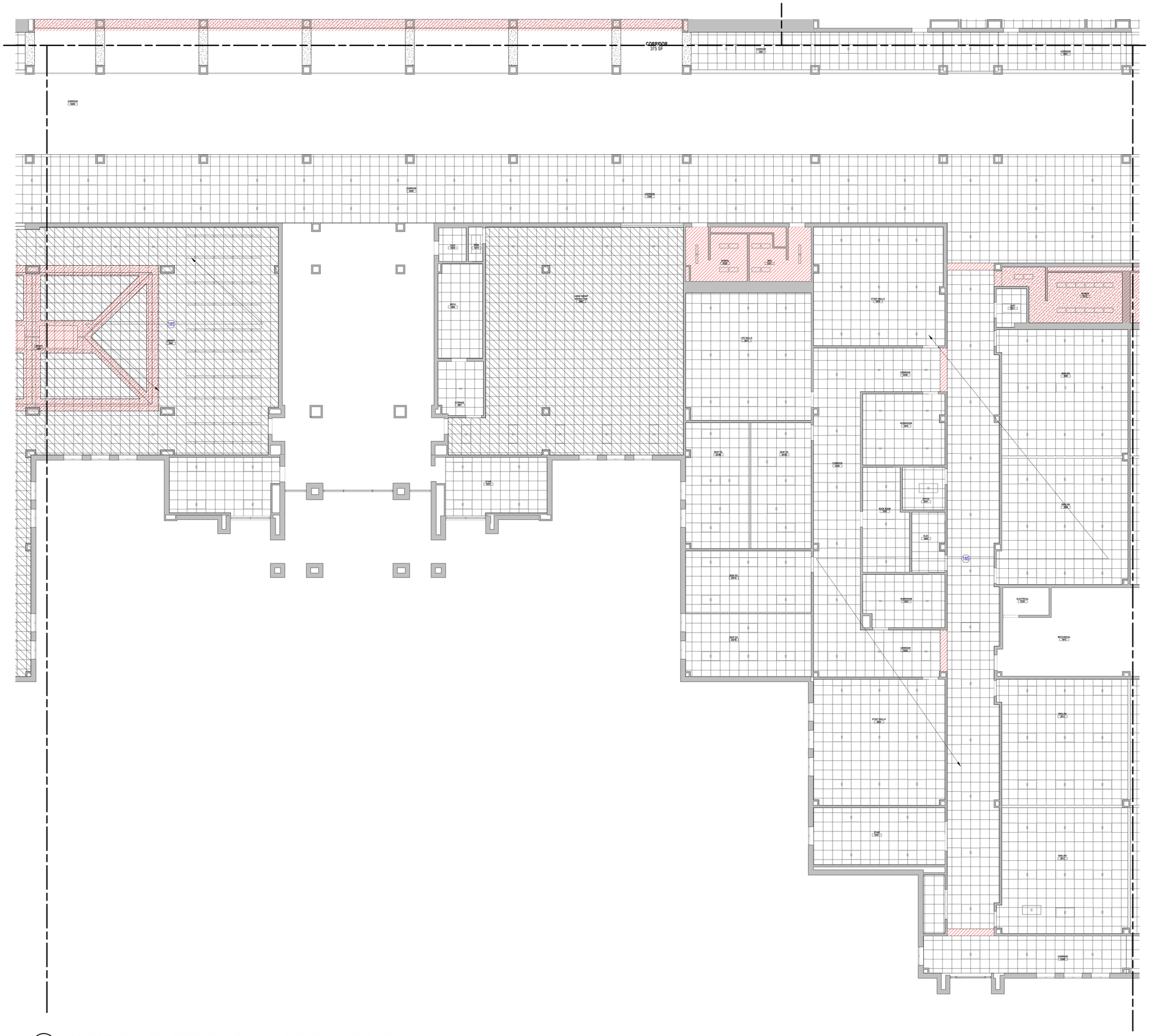

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - BUILDING AREA D**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
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5. PROVIDE CONTINUOUS R19 BATT INSULATION ABOVE PARKING AREA CEILING EXCEPT AT LOCATIONS DESIGNATED "INSULATED CEILING TILES".
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CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
E E	EXISTING LIGHT FIXTURES TO REMAIN. REF; ELECTRICAL DRAWINGS
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KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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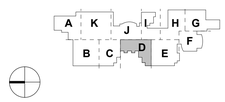

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JULIANNE WINCHESTER 12908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - AREA D

SHEET NUMBER
AC-102-D

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USER NAME:
DATE STAMP: 12/6/2024 2:18:18 PM

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - BUILDING AREA E**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
2. ALL ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN ROOM UNLESS NOTED OTHERWISE.
3. ALL CORRIDOR ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN THE CORRIDOR, UNLESS NOTED OTHERWISE.
4. ALL 'CAN' LIGHT FIXTURES TO BE CENTERED WITHIN ACOUSTICAL CEILING TILES.
5. PROVIDE CONTINUOUS R19 BATT INSULATION ABOVE PARKING AREA CEILING EXCEPT AT LOCATIONS DESIGNATED "INSULATED CEILING TILES".
6. ALL DIFFUSERS AND AIR GRILLES SHALL BE PAINTED TO MATCH THE WALL OR CEILING THEY ARE INSTALLED IN U.N.O.
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CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
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	NEW SUSPENDED OR MOUNTED LIGHT FIXTURES REF; ELECTRICAL DRAWINGS
	NEW HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	EXISTING HVAC GRILLE, DIFFUSER. REF; MEP DRAWINGS
	2'x2' ACOUSTIC CEILING TILE
	2'x2' ACOUSTIC CEILING TILE -TYPE 2 (CAFETERIA, LIBRARY, LGI)
	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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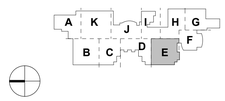
281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architecs
6925 Portwest Drive
Suite 100
Houston, Texas 77024
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - AREA E

SHEET NUMBER
AC-102-E

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
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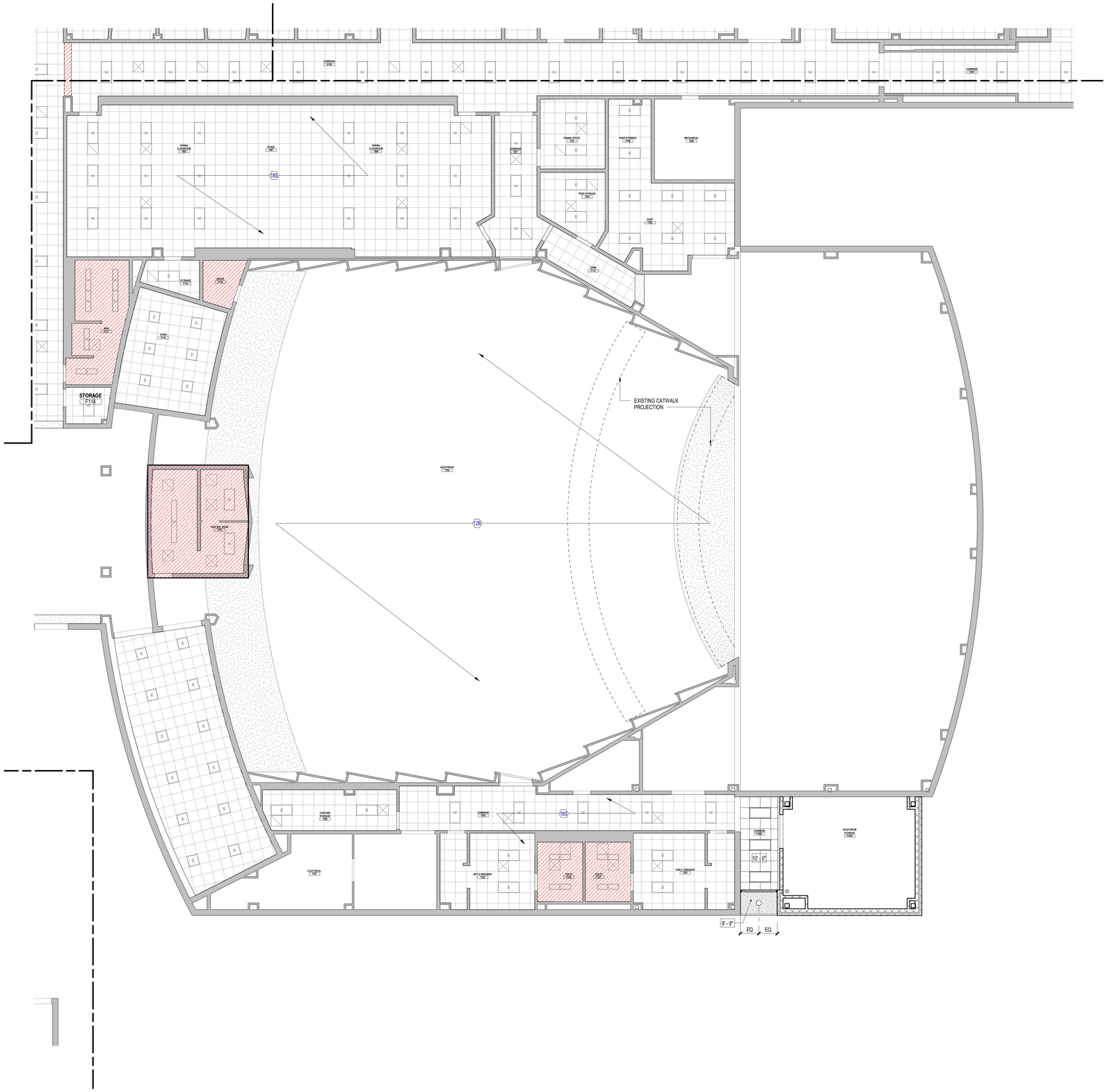

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01- BUILDING AREA F**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
2. ALL ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN ROOM UNLESS NOTED OTHERWISE.
3. ALL CORRIDOR ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN THE CORRIDOR, UNLESS NOTED OTHERWISE.
4. ALL 'CAN' LIGHT FIXTURES TO BE CENTERED WITHIN ACOUSTICAL CEILING TILES.
5. PROVIDE CONTINUOUS R19 BATT INSULATION ABOVE PARKING AREA CEILING EXCEPT AT LOCATIONS DESIGNATED "INSULATED CEILING TILES".
6. ALL DIFFUSERS AND AIR GRILLES SHALL BE PAINTED TO MATCH THE WALL OR CEILING THEY ARE INSTALLED IN U.N.O.
7. ALL EXISTING SPEAKERS WILL BE REMOVE AND PLACE THEM BACK IN THE SAME LOCATION, WHERE THEY REQUIRED; FIRE ALARM AND SPEAKERS SHOULD BE TOGETHER.
8. GC TO DOCUMENT EXISTING LOCATIONS OF SUPPLY, EXHAUST AND RETURN GRILLS PRIOR TO DEMOLITION. LABEL, INSPECT AND INVENTORY. GC SHALL REINSTALL ALL GRILLS IN PREVIOUS LOCATIONS PRIOR TO DEMOLITION.

CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
E E	EXISTING LIGHT FIXTURES TO REMAIN. REF; ELECTRICAL DRAWINGS
	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
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	2'x2' ACOUSTIC CEILING TILE - BLACK (BLACK BOX)
	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
126	PROVIDE NEW A/V SYSTEMS AND CONTROLS PER DISTRICT STANDARDS (INCLUDES LIGHTING, SOUND, VIDEO, THEATRICAL LIGHT FIXTURES, SPEAKERS & INPUTS, DMX, SOUND AMPLIFIERS, PROJECTOR AND SCREEN, CONTROL BOOTH, COMMUNICATIONS, ETC. 1.- FOR LIGHT FIXTURE REPLACED AT CATWALKS, DESIGN TEAM TO ENSURE USER'S REACH RANGES AND ACCESS TO FIXTURE FROM CATWALK REMAIN WITHIN SAFE DISTANCES. RE: AV DRAWING PLANS.
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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6925 Portwest Drive
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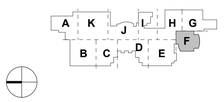
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINGATE
21908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01 - AREA F

SHEET NUMBER
AC-101-F

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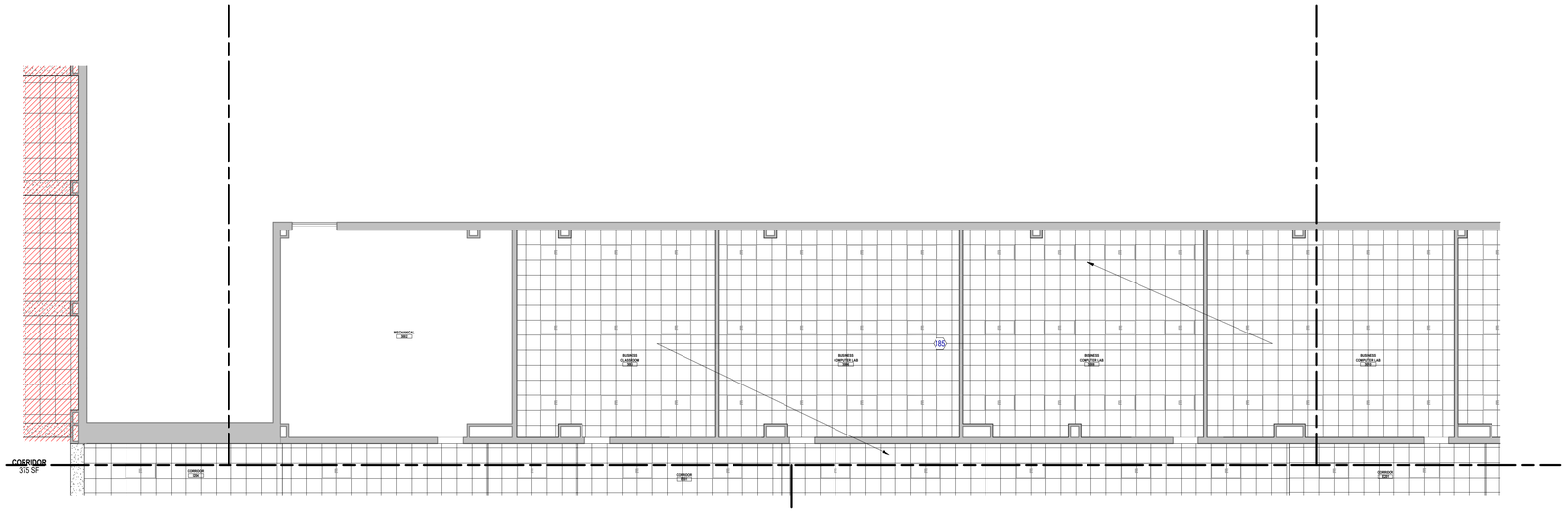
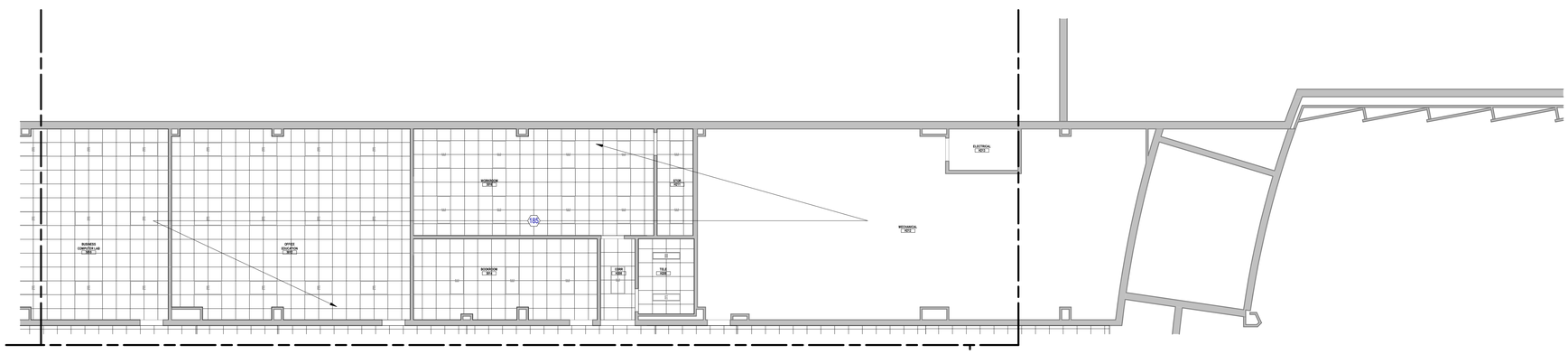


2 ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - BUILDING AREA I

SCALE: 1/8" = 1'-0"



1 ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - BUILDING AREA H

SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

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CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
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	GYPSUM CEILING, PAINTED
	EXTERIOR PLASTER SOFFIT, PAINTED
	PRE-FINISHED METAL CANOPY
	NOT IN CONTRACT (NIC)

KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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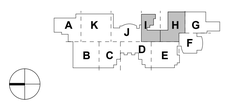

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM NEWTON BERRY 12908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - AREA H, I & J

SHEET NUMBER
AC-102-H & I

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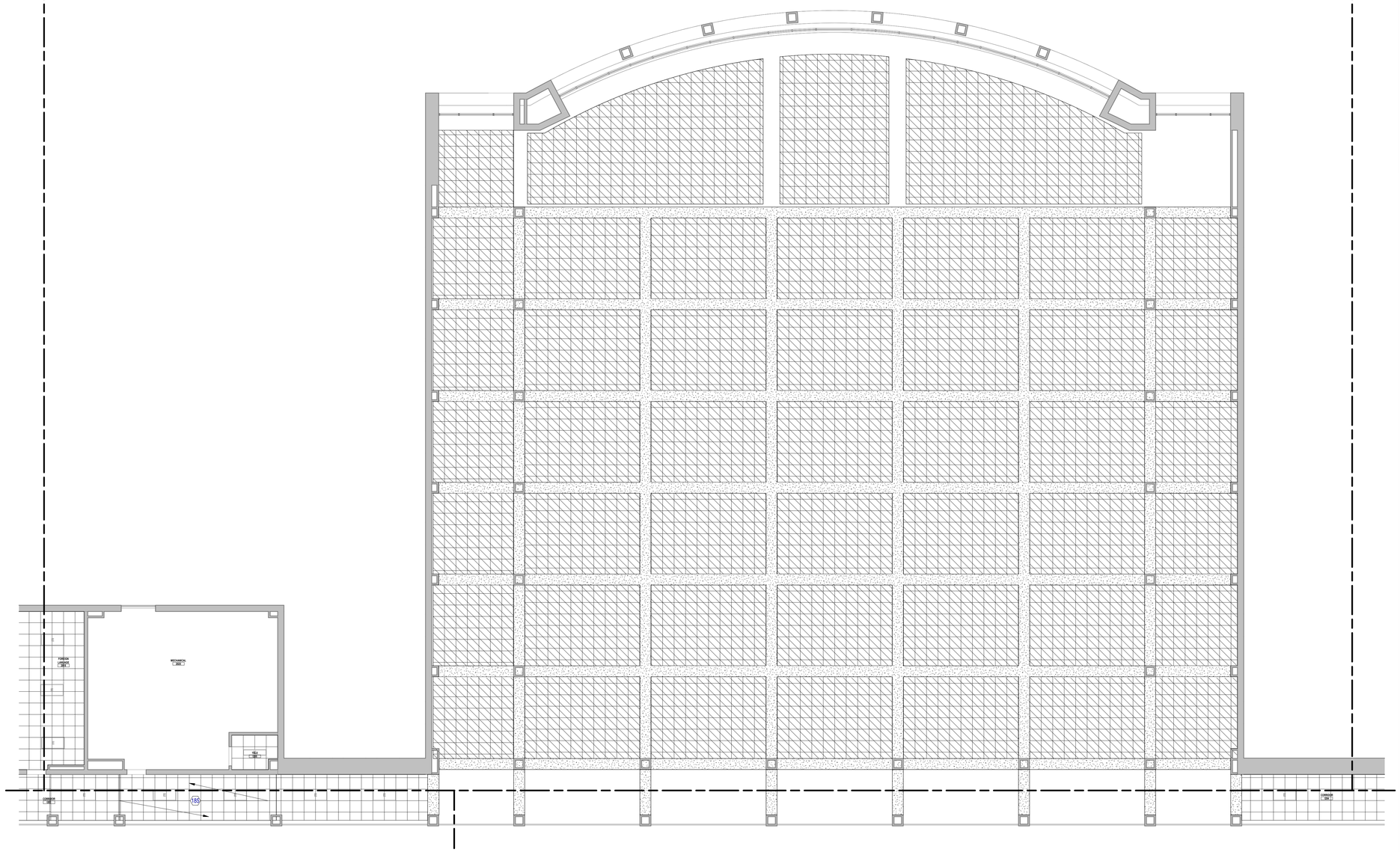

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - BUILDING AREA J**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE. ALL CEILINGS HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
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CEILING PLAN LEGEND

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	NEW LIGHT FIXTURES. REF; ELECTRICAL DRAWINGS
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	NEW DOWNLIGHT REF; ELECTRICAL DRAWINGS
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	GYPSUM CEILING, PAINTED
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	PRE-FINISHED METAL CANOPY
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KEYED NOTES

NUMBER	DESCRIPTION
185	NEW ACOUSTICAL CEILING TILE AND GRID CLASSROOM - LEARNING SPACES: ARMSTRONG SCHOOL ZONE FINE FISSURED / CORRIDORS: ARMSTRONG CORTEGA 70 / KITCHENS: ARMSTRONG CLEAN ROOM 868

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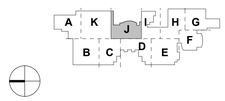
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - AREA J

SHEET NUMBER
AC-102-J

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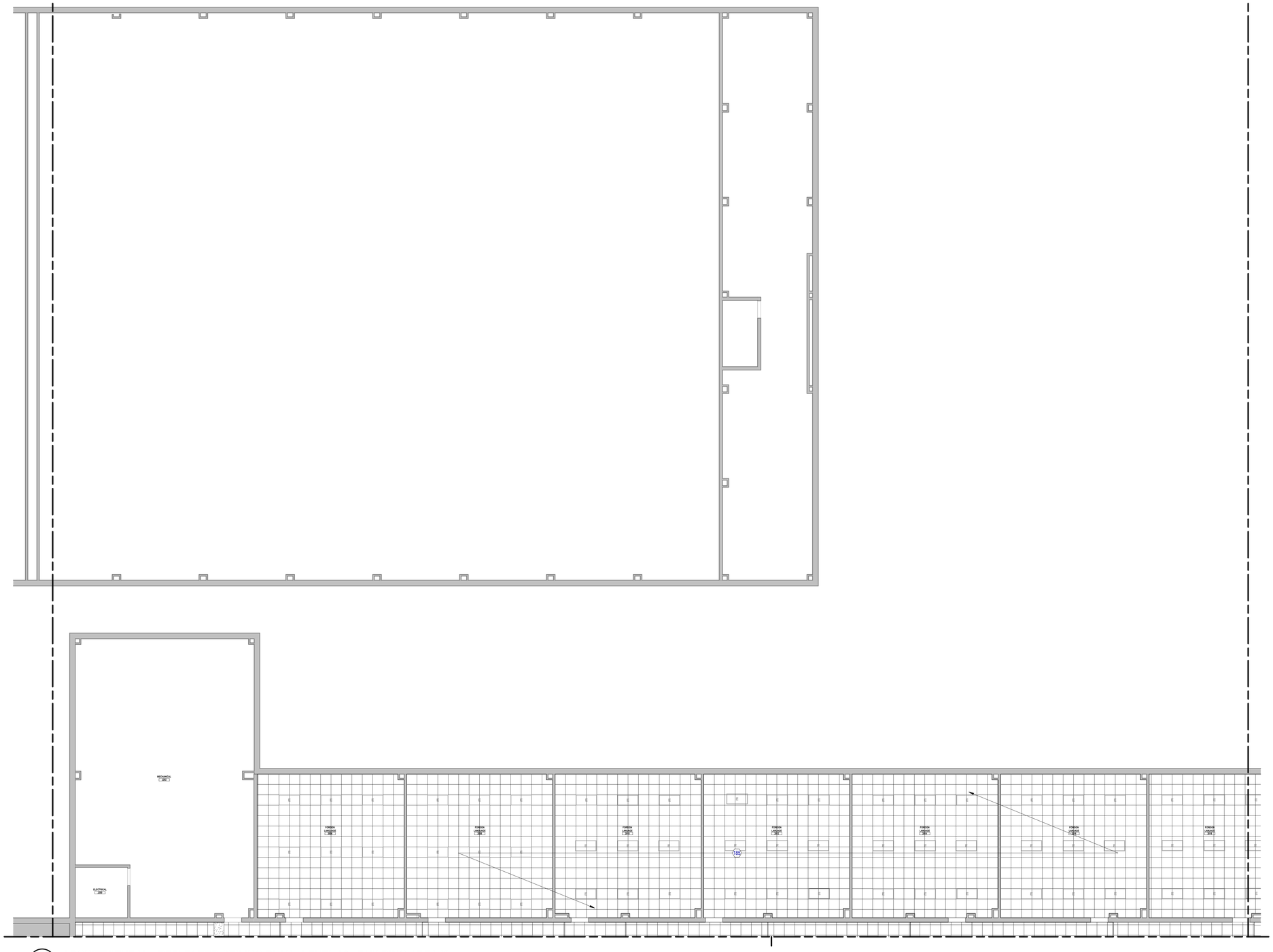

1 **ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - BUILDING AREA K**
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

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CEILING PLAN LEGEND

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KEYED NOTES

NUMBER	DESCRIPTION
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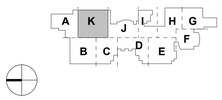

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
WILLIAM LANE WINGATE
27908
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02 - AREA K

SHEET NUMBER
AC-102-K

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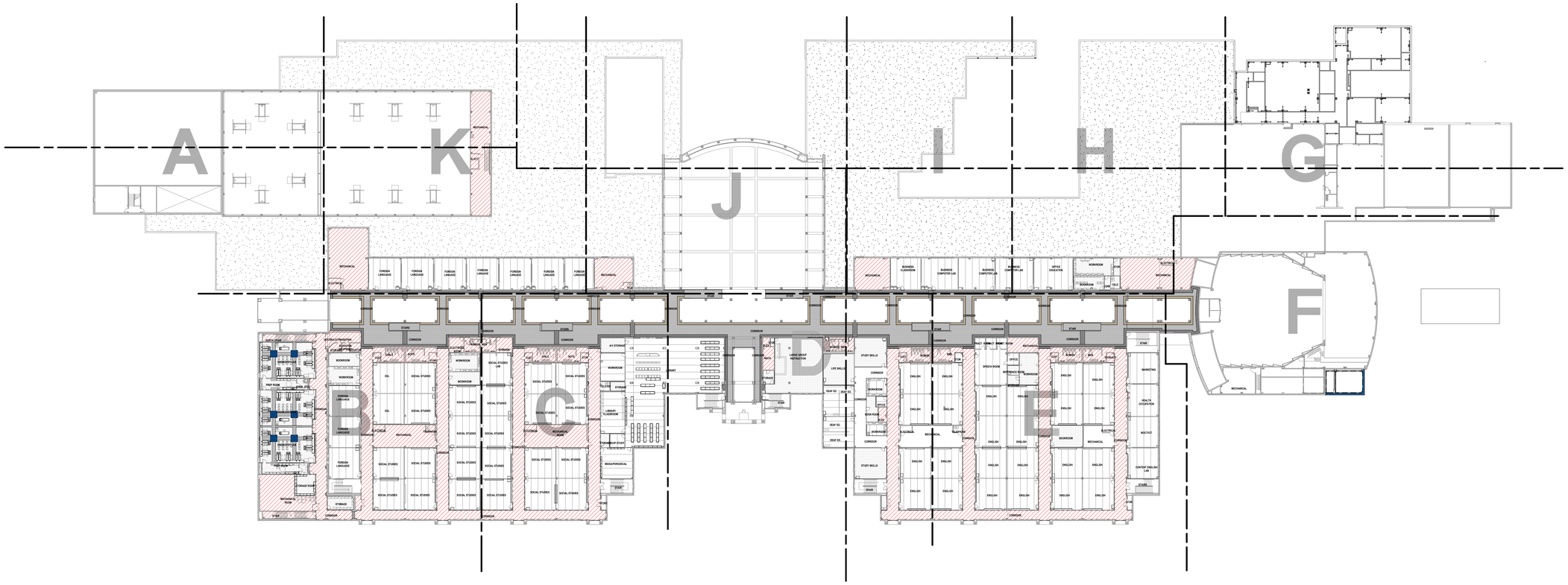
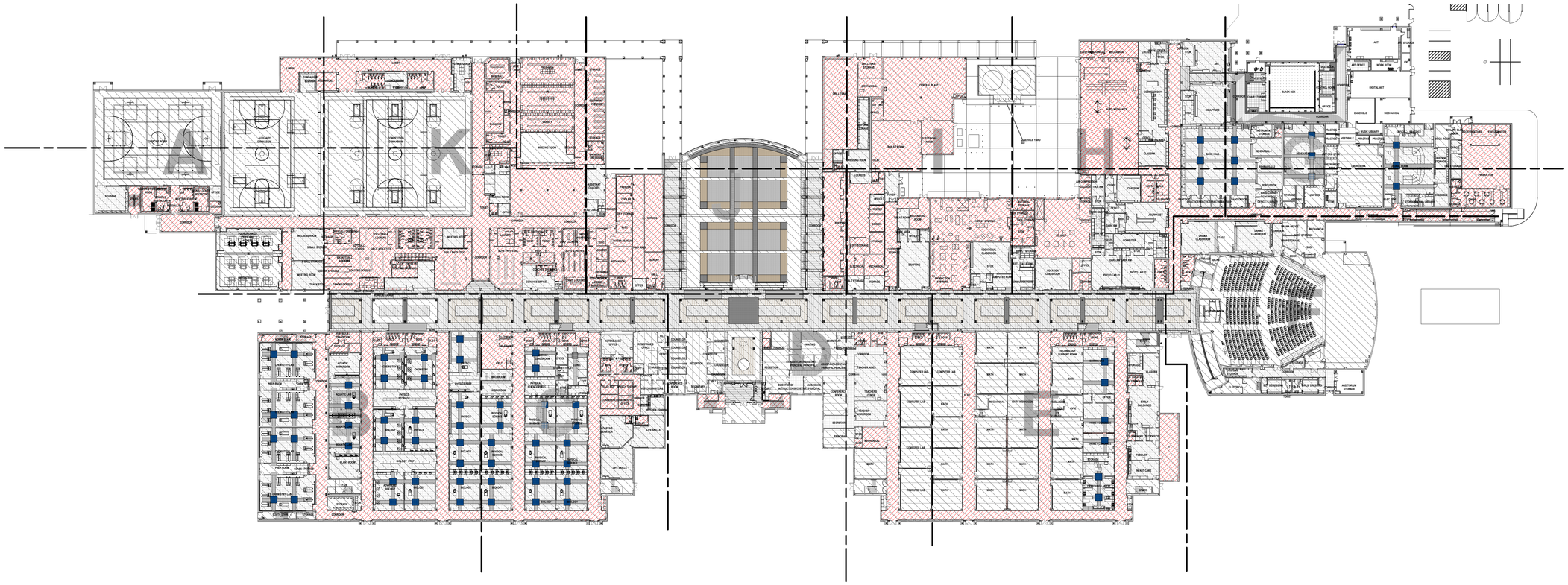


2 **INTERIOR - FLOOR PLAN LEVEL 02**
SCALE: 1" = 40'-0"



1 **INTERIOR - FLOOR PLAN LEVEL 01**
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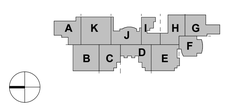
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

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SHEET NAME
ARCHITECTURAL - FLOOR PLAN - LEVEL 01 & 02

SHEET NUMBER
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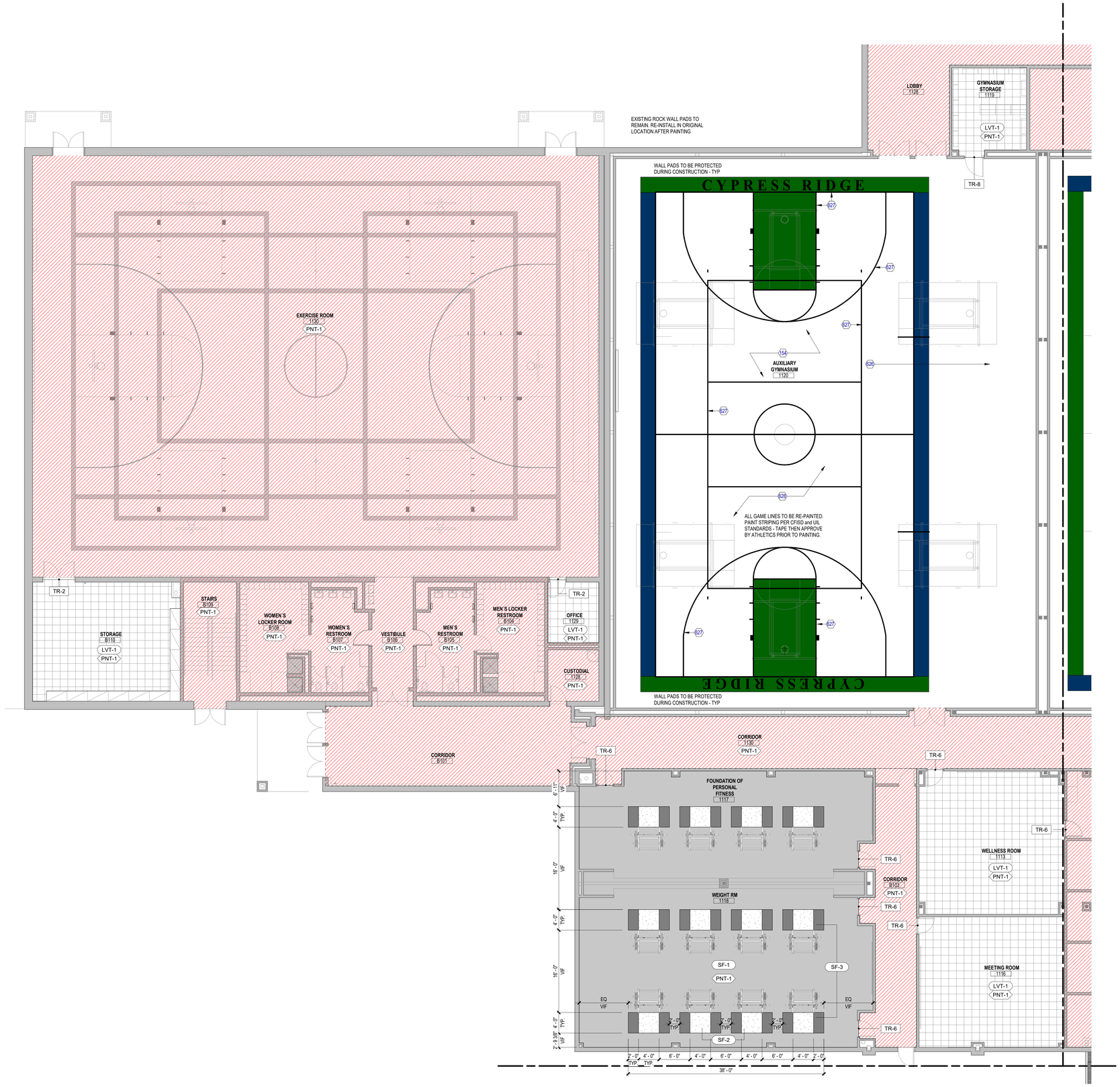

1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA A**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
17. ACCENT PAINT SHALL EXTEND HORIZONTALLY FROM INSIDE CORNER TO INSIDE CORNER ALONG WALL. CONTINUE ACCENT PAINT ACROSS FURR-DOWNS AND BULKHEADS ONLY IF THEY ARE IN THE SAME PLANE AS THE ACCENT WALL.
18. CAULKING AND SEALANT SHALL MATCH SURFACE TO WHICH IT IS APPLIED, UNO. SUBMIT COLOR CHART FOR ARCHITECT'S SELECTION. WHERE TWO DIFFERENT MATERIALS/COLORS ALIGN IN THE SAME PLANE, MATCH THE DARKER COLOR.
19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION
154	STRIP DOWN AND REFINISH EXISTING GYM FLOOR IN AUXILIARY GYM. PROTECT GYM STRUCTURE, HVAC SYSTEMS AND COILS, EQUIPMENT, AND BLEACHERS DURING CONSTRUCTION. CLEAN AREA UNDER EXTENDED BLEACHERS, UPON COMPLETION OF NEW WORK. PROVIDE TEMPORARY AIR FILTERS FOR AIR HANDLERS DURING CONSTRUCTION.
626	PROTECT BLEACHERS DURING CONSTRUCTION AND REFINISH. CLEAN AREA UNDER EXTENDED BLEACHERS, UPON COMPLETION OF NEW WORK.
627	PAINTED GAME LINES PER CFISD STANDARDS. CONFIRM FINAL LAYOUT PRIOR TO PAINTING.
628	REPLACE VOLLEYBALL INSERTS.

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	LVT-1 (FIELD)
	LVT-2 (ACCENT)
	LVT-3 (ACCENT)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619
	CPT-2
	NOT IN CONTRACT (NIC)
	SEALED CONCRETE
	CPT- MATCH EXISTING (AUDITORIUM)

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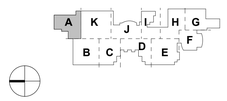

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT MILANE W. WICHER 12908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA A

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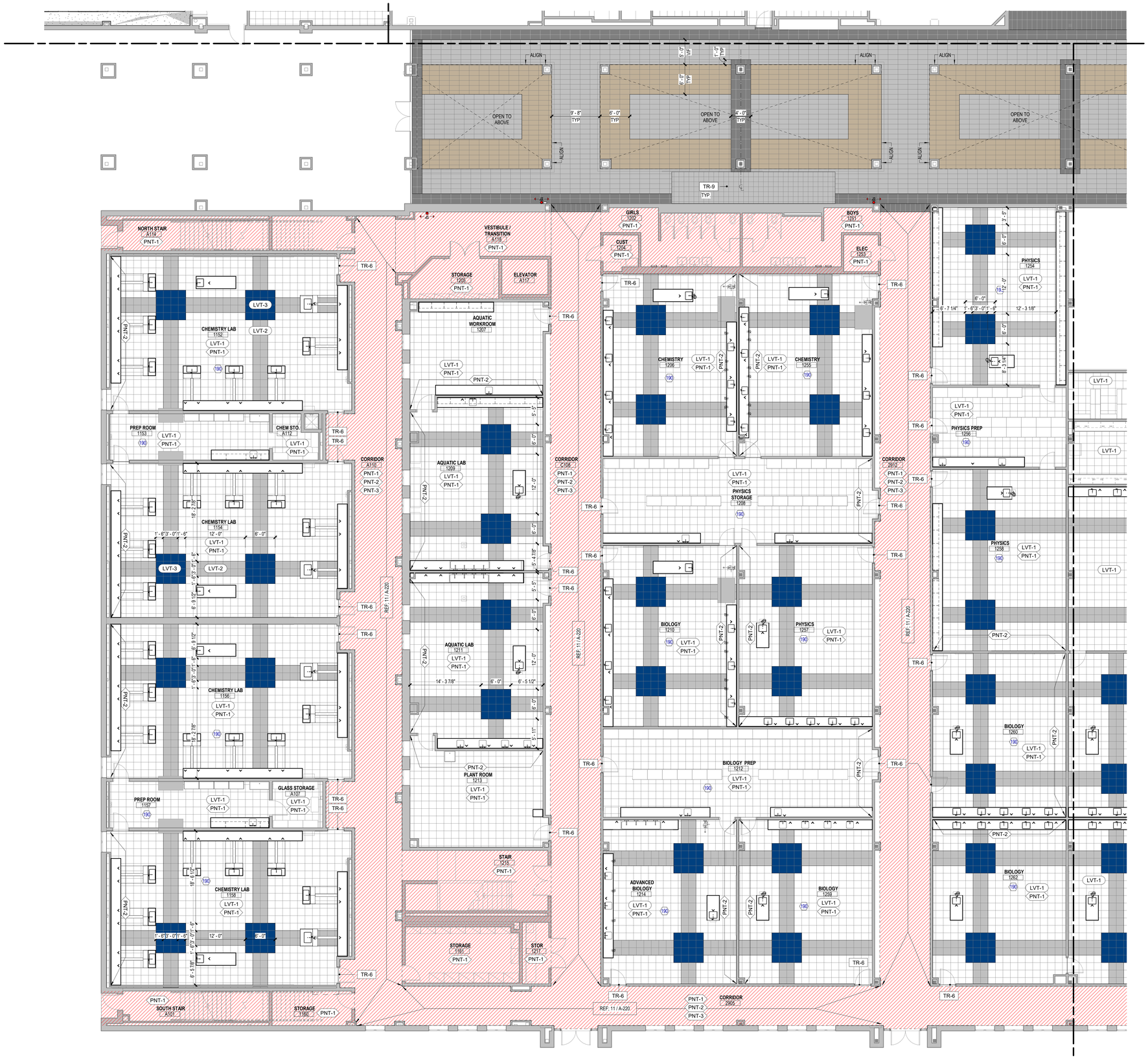

1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA B**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
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12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
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19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION
190	REPLACE SCIENCE LAB/CLASSROOM CASEWORK PER DISTRICT STANDARDS (INCLUDE CHEMICAL RESISTANT COUNTER TOPS, WORKSTATIONS AND SINKS)

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	CPT-2
	LVT-1 (FIELD)
	NOT IN CONTRACT (NIC)
	LVT-2 (ACCENT)
	SEALED CONCRETE
	LVT-3 (ACCENT)
	CPT- MATCH EXISTING (AUDITORIUM)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619

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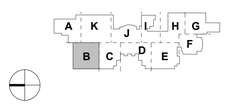

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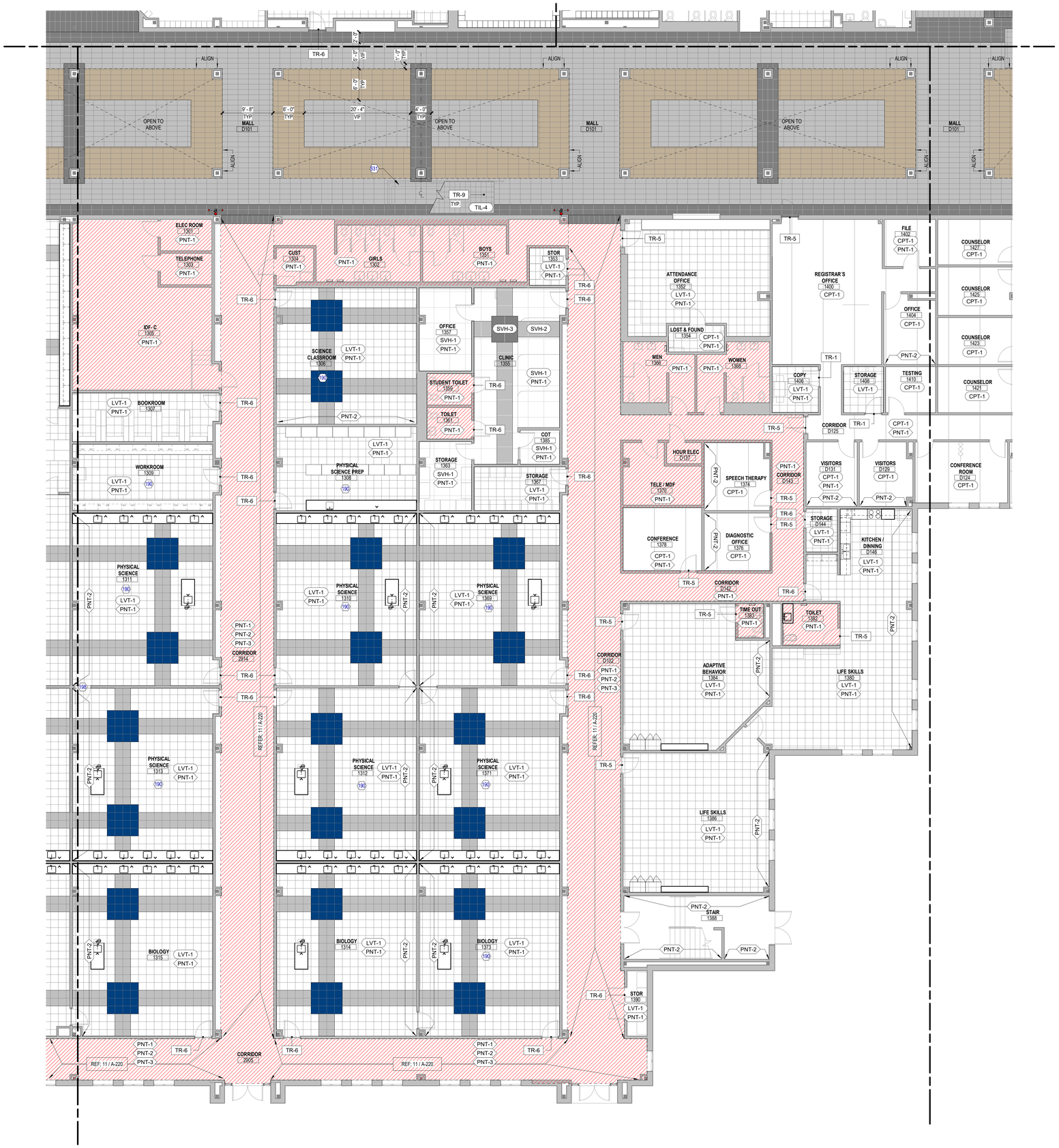

1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA C**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
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13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
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19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION
190	REPLACE SCIENCE LAB/CLASSROOM CASEWORK PER DISTRICT STANDARDS (INCLUDE CHEMICAL RESISTANT COUNTER TOPS, WORKSTATIONS AND SINKS)
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.
631	ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	CPT-2
	LVT-1 (FIELD)
	NOT IN CONTRACT (NIC)
	LVT-2 (ACCENT)
	SEALED CONCRETE
	LVT-3 (ACCENT)
	CPT- MATCH EXISTING (AUDITORIUM)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619

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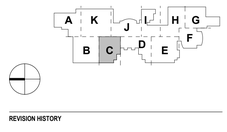
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINCHESTER 12905 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA C

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1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA D**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
17. ACCENT PAINT SHALL EXTEND HORIZONTALLY FROM INSIDE CORNER TO INSIDE CORNER ALONG WALL. CONTINUE ACCENT PAINT ACROSS FURR-DOWNS AND BULKHEADS ONLY IF THEY ARE IN THE SAME PLANE AS THE ACCENT WALL.
18. CAULKING AND SEALANT SHALL MATCH SURFACE TO WHICH IT IS APPLIED, UNO. SUBMIT COLOR CHART FOR ARCHITECT'S SELECTION. WHERE TWO DIFFERENT MATERIALS/COLORS ALIGN IN THE SAME PLANE, MATCH THE DARKER COLOR.
19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME. TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION
122	PROTECT MOSAIC GRAPHIC IN PLACE. CONTRACTOR IS RESPONSIBLE TO PROTECT AND REPAIR ANY DAMAGE TO MOSAIC GRAPHIC DURING CONSTRUCTION WORKS.
159	CNC SCORING ON TILE. "DESIGN BY CRHS STUDENTS: JUSTIN CASTILLO RODRIGUEZ ANGEL ALVAREZ DIGITAL ART MEDIA"
198	NEW CLASSROOM OR EXTERIOR DOOR HARDWARE. REFER TO DOOR SCHEDULE FOR ADDITIONAL DETAILS.

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	LVT-1 (FIELD)
	LVT-2 (ACCENT)
	LVT-3 (ACCENT)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619
	CPT-2
	NOT IN CONTRACT (NIC)
	SEALED CONCRETE
	CPT- MATCH EXISTING (AUDITORIUM)

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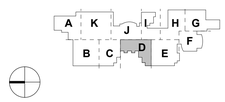
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA D

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AI-101-D

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1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA E**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
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19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
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21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
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KEYED NOTES

NUMBER	DESCRIPTION

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	CPT-2
	LVT-1 (FIELD)
	NOT IN CONTRACT (NIC)
	LVT-2 (ACCENT)
	SEALED CONCRETE
	LVT-3 (ACCENT)
	CPT- MATCH EXISTING (AUDITORIUM)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619

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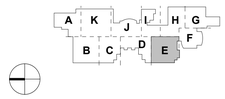
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

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ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA E

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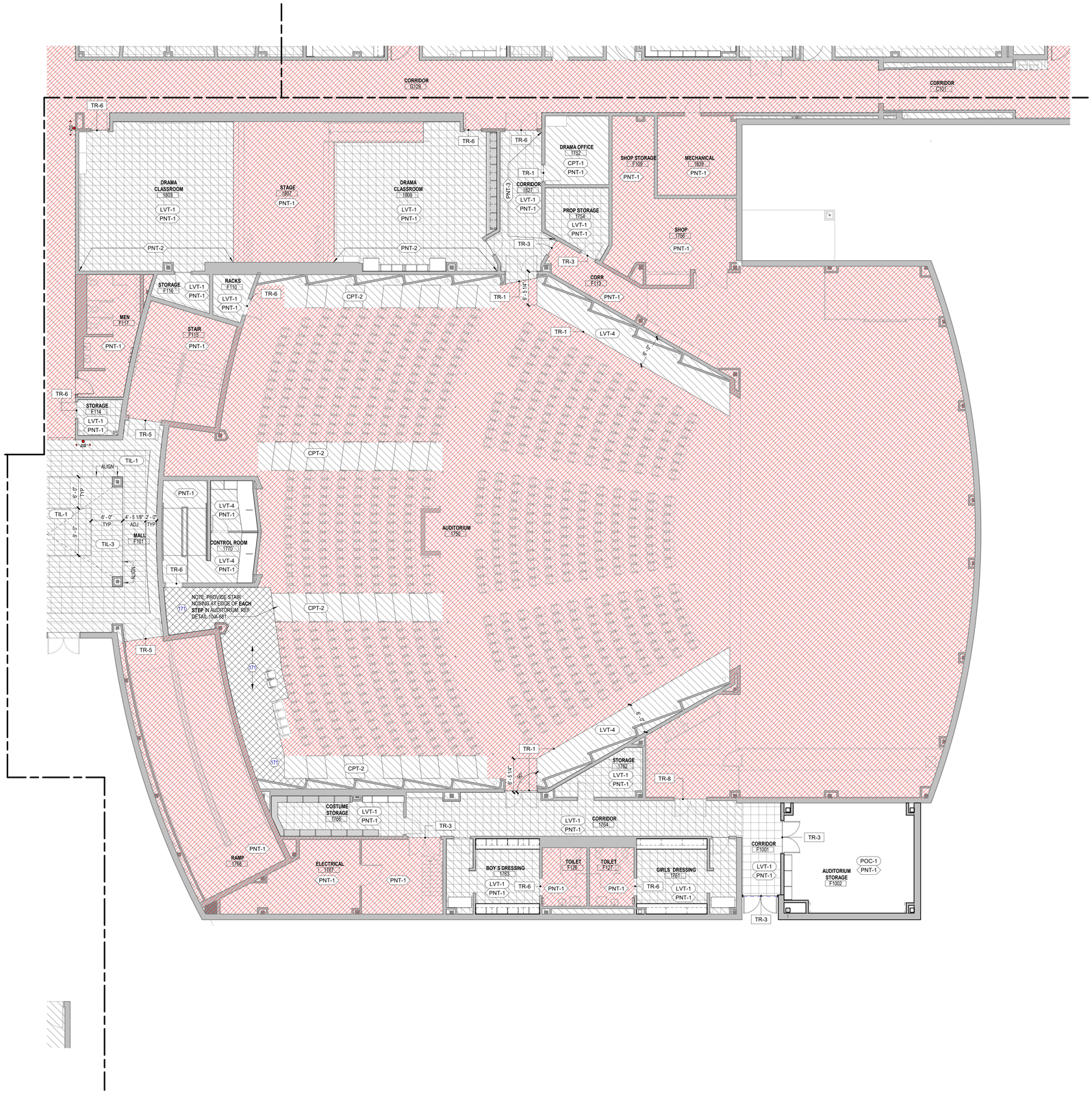

1 ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA F

SCALE: 1/8" = 1'-0"

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1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
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KEYED NOTES

NUMBER	DESCRIPTION
171	ZONE INDICATES INSTALLATION LOCATION OF NEW CARPET AND TRANSITION STRIPS AT AUDITORIUM - MATCH EXISTING. GC SHALL FIELD VERIFY TO DETERMINE LINE OF DEMARCATION BETWEEN NEW AND EXISTING CARPET. COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION.

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	LVT-1 (FIELD)
	LVT-2 (ACCENT)
	LVT-3 (ACCENT)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619
	CPT-2
	NOT IN CONTRACT (NIC)
	SEALED CONCRETE
	CPT- MATCH EXISTING (AUDITORIUM)

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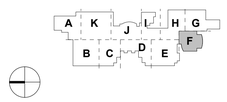
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JULIANNE WINCHESTER STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA F

SHEET NUMBER

AI-101-F

FILE PATH: Autodesk Docs:///33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-NW-R23.rvt
USER NAME:
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KEYED NOTES

NUMBER	DESCRIPTION
104	PAINT CMU AND DOORS AT BAND, CHOIR, ORCHESTRA, AND CORRIDORS. REF; ELEVATION 11/A-220.

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	CPT-2
	LVT-1 (FIELD)
	NOT IN CONTRACT (NIC)
	LVT-2 (ACCENT)
	SEALED CONCRETE
	LVT-3 (ACCENT)
	CPT- MATCH EXISTING (AUDITORIUM)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
17. ACCENT PAINT SHALL EXTEND HORIZONTALLY FROM INSIDE CORNER TO INSIDE CORNER ALONG WALL. CONTINUE ACCENT PAINT ACROSS FURR-DOWNS AND BULKHEADS ONLY IF THEY ARE IN THE SAME PLANE AS THE ACCENT WALL.
18. CAULKING AND SEALANT SHALL MATCH SURFACE TO WHICH IT IS APPLIED, UNO. SUBMIT COLOR CHART FOR ARCHITECT'S SELECTION. WHERE TWO DIFFERENT MATERIALS/COLORS ALIGN IN THE SAME PLANE, MATCH DARKER COLOR.
19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

1 ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA G
SCALE: 1/8" = 1'-0"

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-AW-R23.rvt
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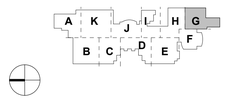
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINTERS 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

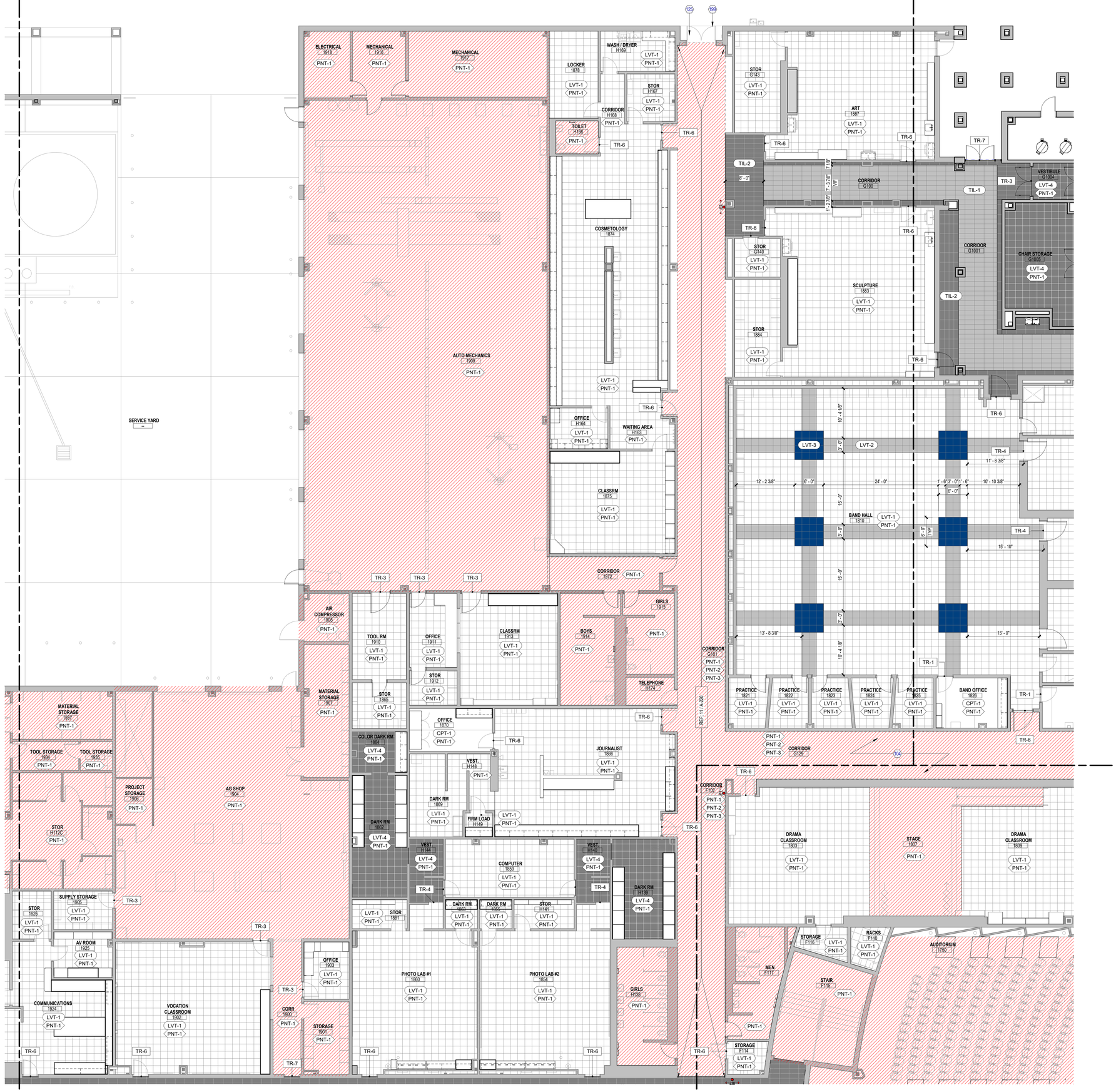
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA G

SHEET NUMBER
AI-101-G



1 ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA H
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
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12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
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19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION
104	PAINT CMU AND DOORS AT BAND, CHOIR, ORCHESTRA, AND CORRIDORS. REF; ELEVATION 11/A-220.
125	REPLACE DOORS AND HARDWARE IN MAIN CUSTODIAL HALL, FINE ARTS ENTRY AND PRACTICE (SOUND DOORS), AUTOSHOP
199	ADDITIONAL CARD READER (EXTERIOR DOORS)

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	LVT-1 (FIELD)
	LVT-2 (ACCENT)
	LVT-3 (ACCENT)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619
	CPT-2
	NOT IN CONTRACT (NIC)
	SEALED CONCRETE
	CPT- MATCH EXISTING (AUDITORIUM)

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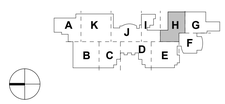

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT MICHAEL WINGATE 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
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SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA H

SHEET NUMBER
AI-101-H

FILE PATH: Autodesk Docs://33AC2221-CFISD - Cy Ridge HS Renovation/33AC2221-A-AW-R23.rvt
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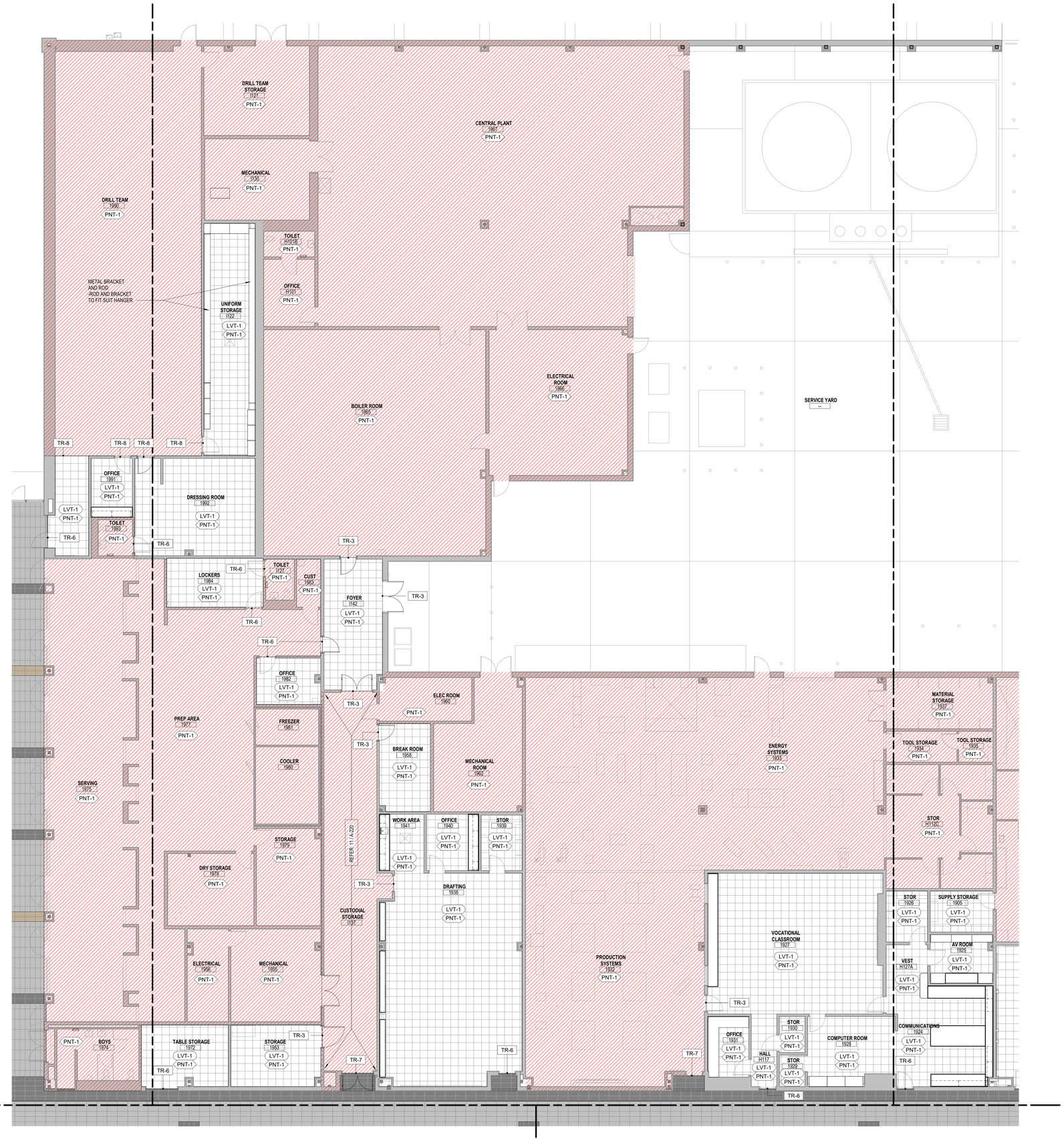

1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA I**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
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19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
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23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	CPT-2
	LVT-1 (FIELD)
	NOT IN CONTRACT (NIC)
	LVT-2 (ACCENT)
	SEALED CONCRETE
	LVT-3 (ACCENT)
	CPT- MATCH EXISTING (AUDITORIUM)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619

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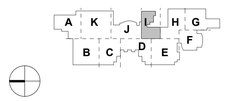
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT JOHN LANE WINCHESTER 21908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA I

SHEET NUMBER
AI-101-I

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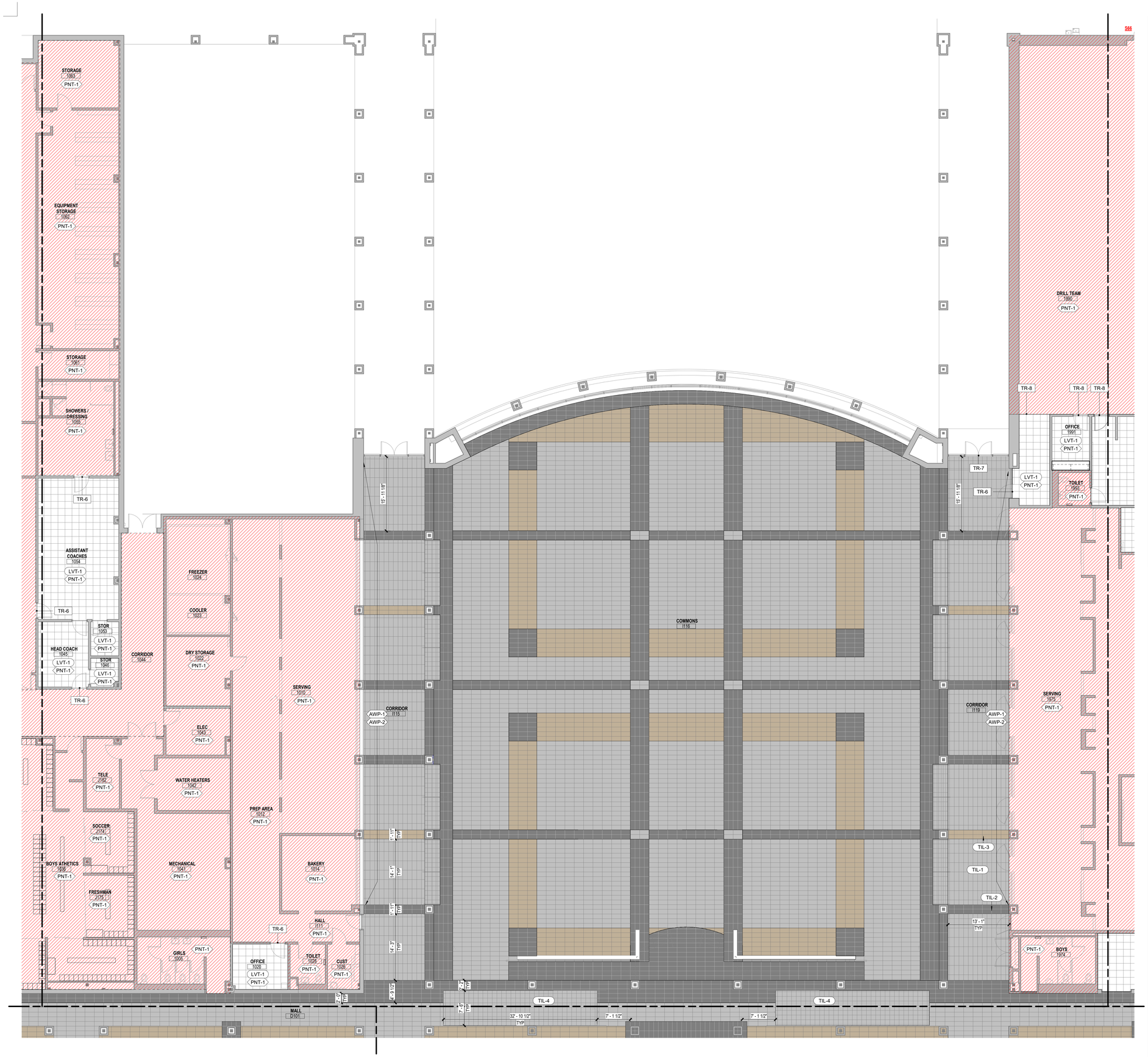
DATE STAMP: 12/6/2024 2:20:34 PM



1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA J**
SCALE: 1/8" = 1'-0"

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INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
17. ACCENT PAINT SHALL EXTEND HORIZONTALLY FROM INSIDE CORNER TO INSIDE CORNER ALONG WALL. CONTINUE ACCENT PAINT ACROSS FURR-DOWNS AND BULKHEADS ONLY IF THEY ARE IN THE SAME PLANE AS THE ACCENT WALL.
18. CAULKING AND SEALANT SHALL MATCH SURFACE TO WHICH IT IS APPLIED, UNO. SUBMIT COLOR CHART FOR ARCHITECT'S SELECTION. WHERE TWO DIFFERENT MATERIALS/COLORS ALIGN IN THE SAME PLANE, MATCH THE DARKER COLOR.
19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	LVT-1 (FIELD)
	LVT-2 (ACCENT)
	LVT-3 (ACCENT)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619
	CPT-2
	NOT IN CONTRACT (NIC)
	SEALED CONCRETE
	CPT- MATCH EXISTING (AUDITORIUM)

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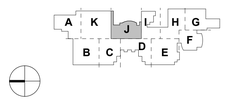

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT MICHAEL WINGATE 27908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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DRAWN BY	**CHECKED BY**
Author	Checker

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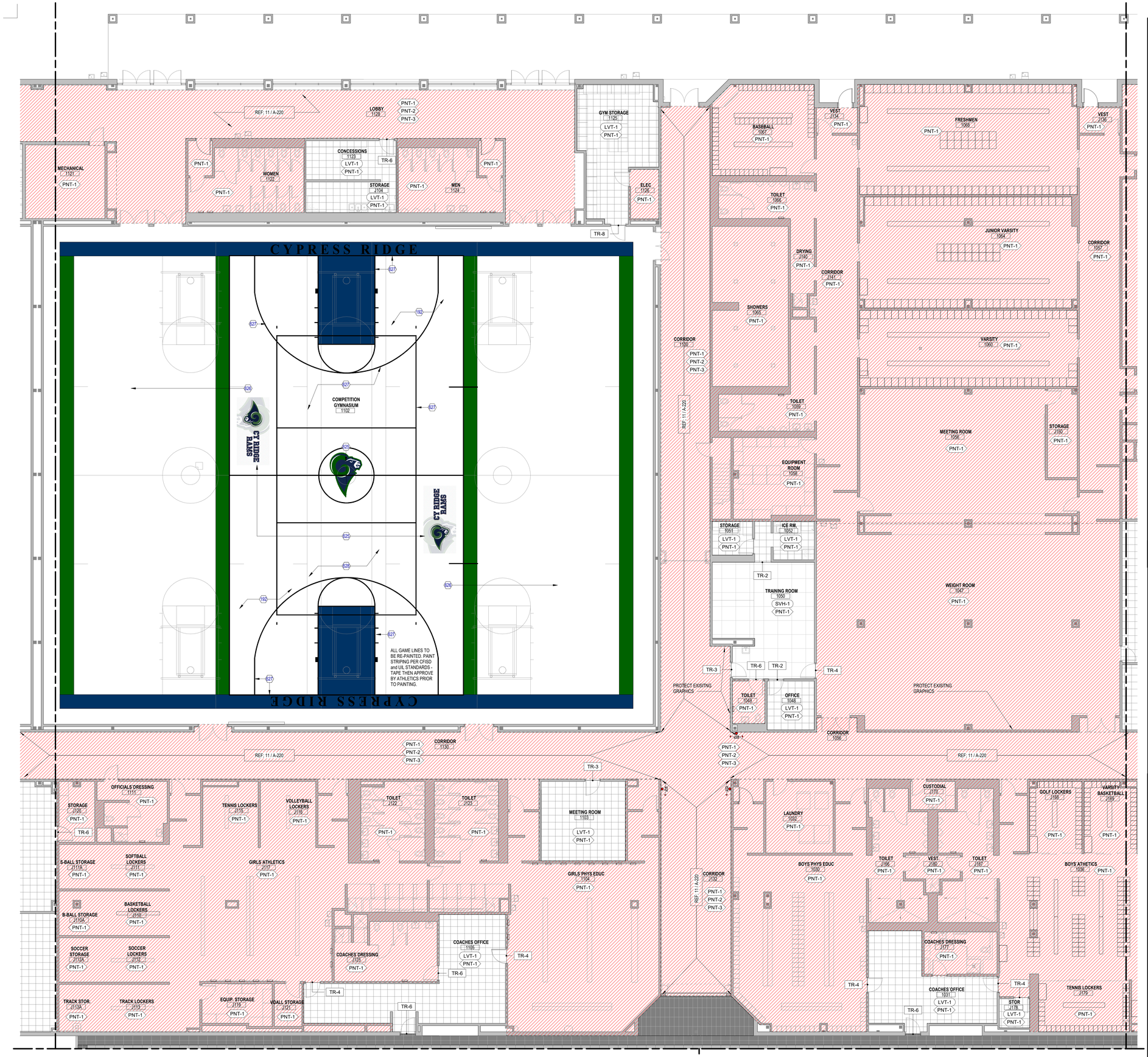
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA J

SHEET NUMBER
AI-101-J



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19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION
192	STRIP DOWN AND REFINISH EXISTING GYM FLOOR IN COMPETITION GYM. PROTECT GYM STRUCTURE, HVAC SYSTEMS AND COILS, EQUIPMENT, AND BLEACHERS DURING CONSTRUCTION. CLEAN AREA UNDER EXTENDED BLEACHERS, UPON COMPLETION OF NEW WORK. PROVIDE TEMPORARY AIR FILTERS FOR AIR HANDLERS DURING CONSTRUCTION.
625	CUSTOM PAINTED ARTWORK. CONTRACTOR TO REQUEST ARTWORK FROM ARCHITECT. OWNER TO APPROVE ARTWORK LAYOUT PRIOR TO INSTALLATION.
626	PROTECT BLEACHERS DURING CONSTRUCTION AND REFINISH. CLEAN AREA UNDER EXTENDED BLEACHERS, UPON COMPLETION OF NEW WORK.
627	PAINTED GAME LINES PER CFISD STANDARDS. CONFIRM FINAL LAYOUT PRIOR TO PAINTING.
628	REPLACE VOLLEYBALL INSERTS.

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	LVT-1 (FIELD)
	LVT-2 (ACCENT)
	LVT-3 (ACCENT)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619
	CPT-2
	NOT IN CONTRACT (NIC)
	SEALED CONCRETE
	CPT- MATCH EXISTING (AUDITORIUM)

1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA K**
SCALE: 1/8" = 1'-0"

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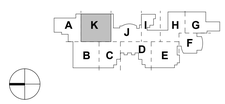
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

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DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 01 - AREA K

SHEET NUMBER
AI-101-K

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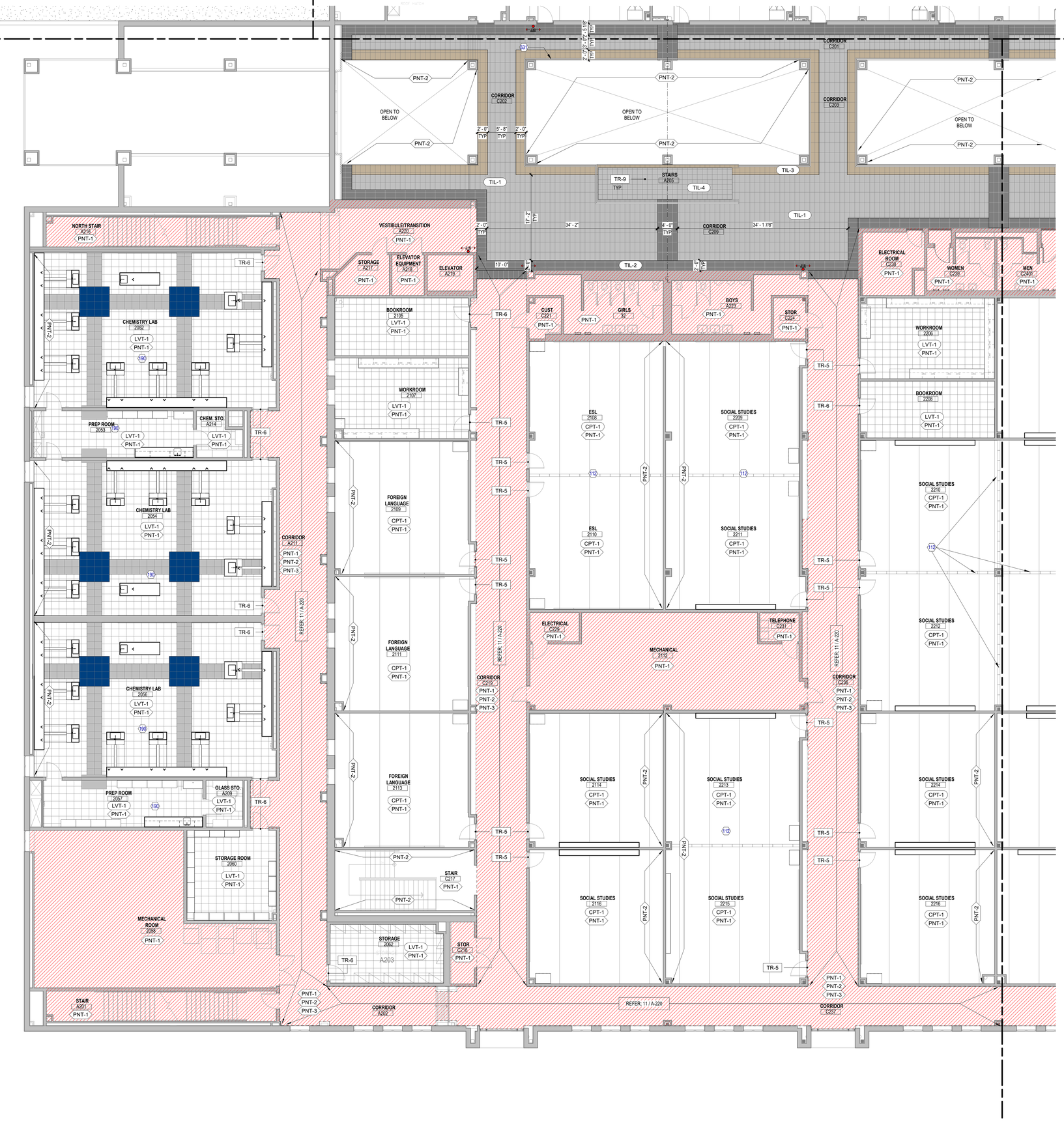

1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA B**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
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19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION
112	REPLACE VINYL COVERING ON ALL SECOND FLOOR FOLDING PARTITIONS; RE: FINISH SCHEDULE. THE CONTRACTOR TO TEST ALL PARTITIONS BEFORE AND AFTER INSTALLATION, DOCUMENTING FUNCTIONALITY.
190	REPLACE SCIENCE LAB/CLASSROOM CASEWORK PER DISTRICT STANDARDS (INCLUDE CHEMICAL RESISTANT COUNTER TOPS, WORKSTATIONS AND SINKS)
631	ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	LVT-1 (FIELD)
	LVT-2 (ACCENT)
	LVT-3 (ACCENT)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619
	CPT-2
	NOT IN CONTRACT (NIC)
	SEALED CONCRETE
	CPT- MATCH EXISTING (AUDITORIUM)

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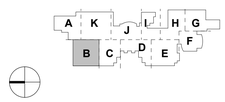
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM LANE WINGATE 27909 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA B

SHEET NUMBER
AI-102-B

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-A-AW-R23.rvt
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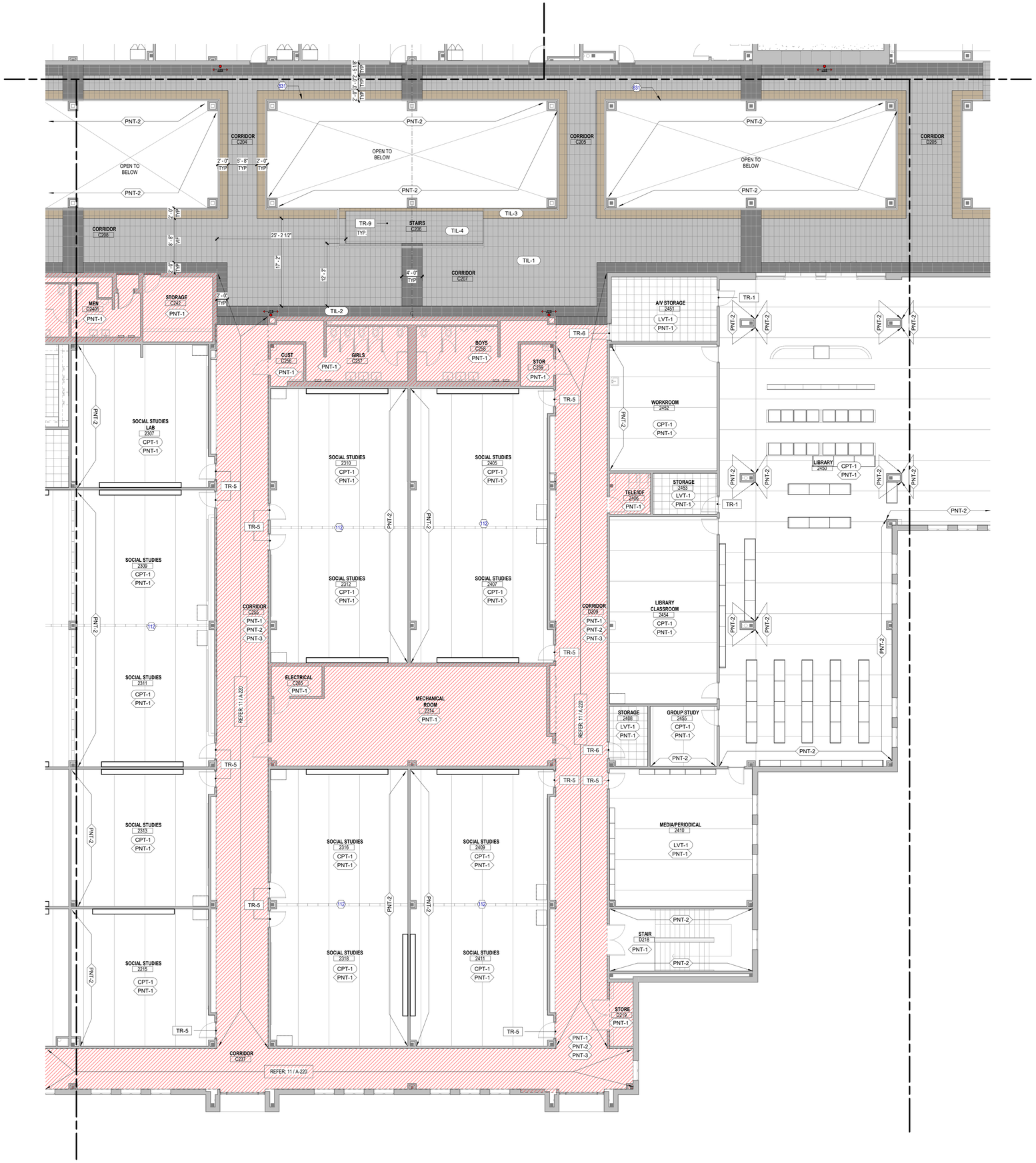

1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA C**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
17. ACCENT PAINT SHALL EXTEND HORIZONTALLY FROM INSIDE CORNER TO INSIDE CORNER ALONG WALL. CONTINUE ACCENT PAINT ACROSS FURR-DOWNS AND BULKHEADS ONLY IF THEY ARE IN THE SAME PLANE AS THE ACCENT WALL.
18. CAULKING AND SEALANT SHALL MATCH SURFACE TO WHICH IT IS APPLIED, UNO. SUBMIT COLOR CHART FOR ARCHITECT'S SELECTION. WHERE TWO DIFFERENT MATERIALS/COLORS ALIGN IN THE SAME PLANE, MATCH THE DARKER COLOR.
19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION
112	REPLACE VINYL COVERING ON ALL SECOND FLOOR FOLDING PARTITIONS; RE: FINISH SCHEDULE. THE CONTRACTOR TO TEST ALL PARTITIONS BEFORE AND AFTER INSTALLATION, DOCUMENTING FUNCTIONALITY.
631	ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	LVT-1 (FIELD)
	LVT-2 (ACCENT)
	LVT-3 (ACCENT)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
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	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619
	CPT-2
	NOT IN CONTRACT (NIC)
	SEALED CONCRETE
	CPT- MATCH EXISTING (AUDITORIUM)

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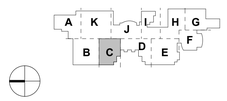
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT MICHAEL WINCHESTER 12/9/2024 STATE OF TEXAS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA C

SHEET NUMBER
AI-102-C

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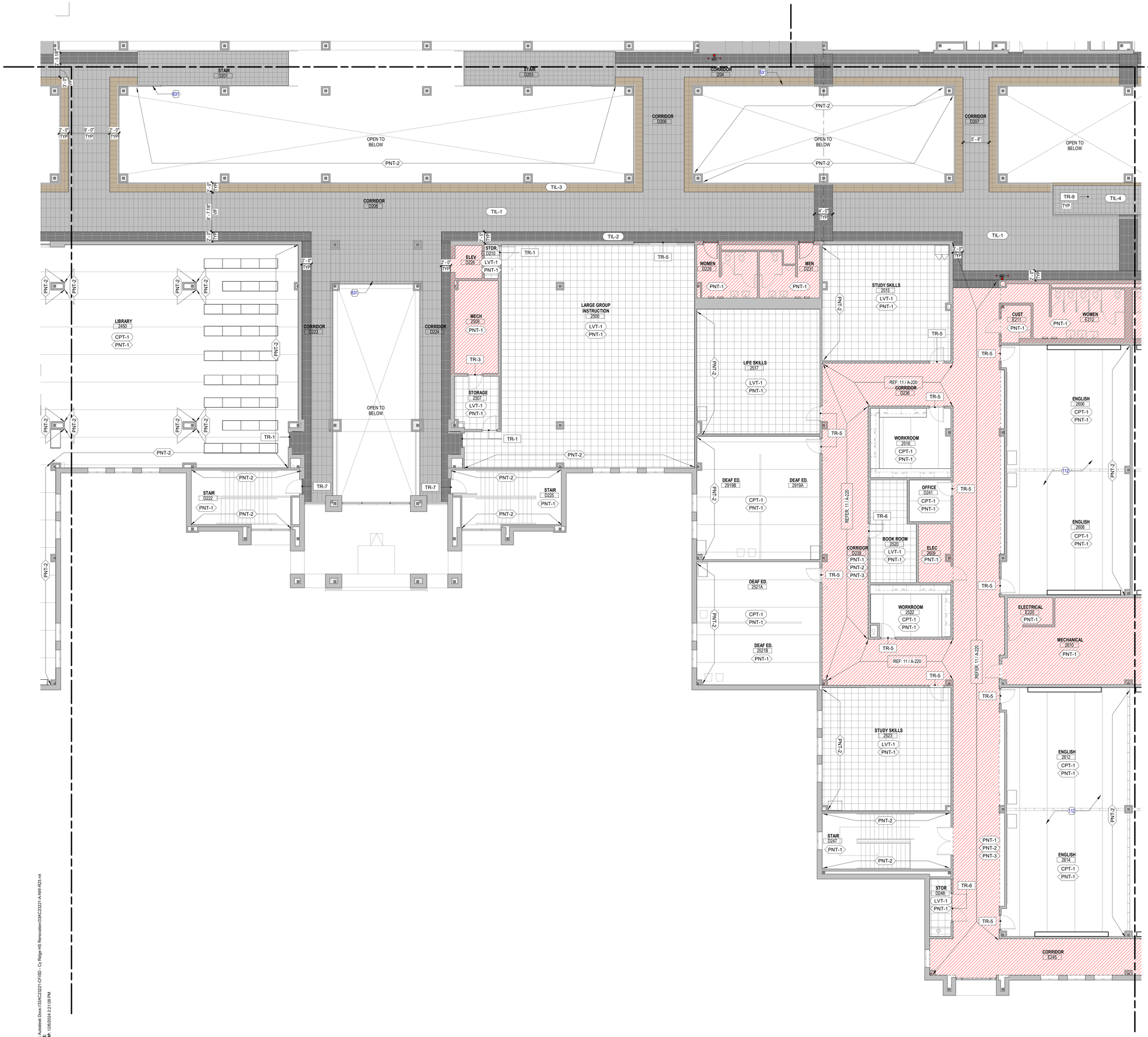

1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA D**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
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13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
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19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION
112	REPLACE VINYL COVERING ON ALL SECOND FLOOR FOLDING PARTITIONS; RE: FINISH SCHEDULE. THE CONTRACTOR TO TEST ALL PARTITIONS BEFORE AND AFTER INSTALLATION, DOCUMENTING FUNCTIONALITY.
631	ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	CPT-2
	LVT-1 (FIELD)
	NOT IN CONTRACT (NIC)
	LVT-2 (ACCENT)
	SEALED CONCRETE
	LVT-3 (ACCENT)
	CPT- MATCH EXISTING (AUDITORIUM)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
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	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619

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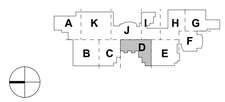
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT MELISSA LANE WINCHESTER # 29805 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
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ORIGINAL ISSUE
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SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA D

SHEET NUMBER
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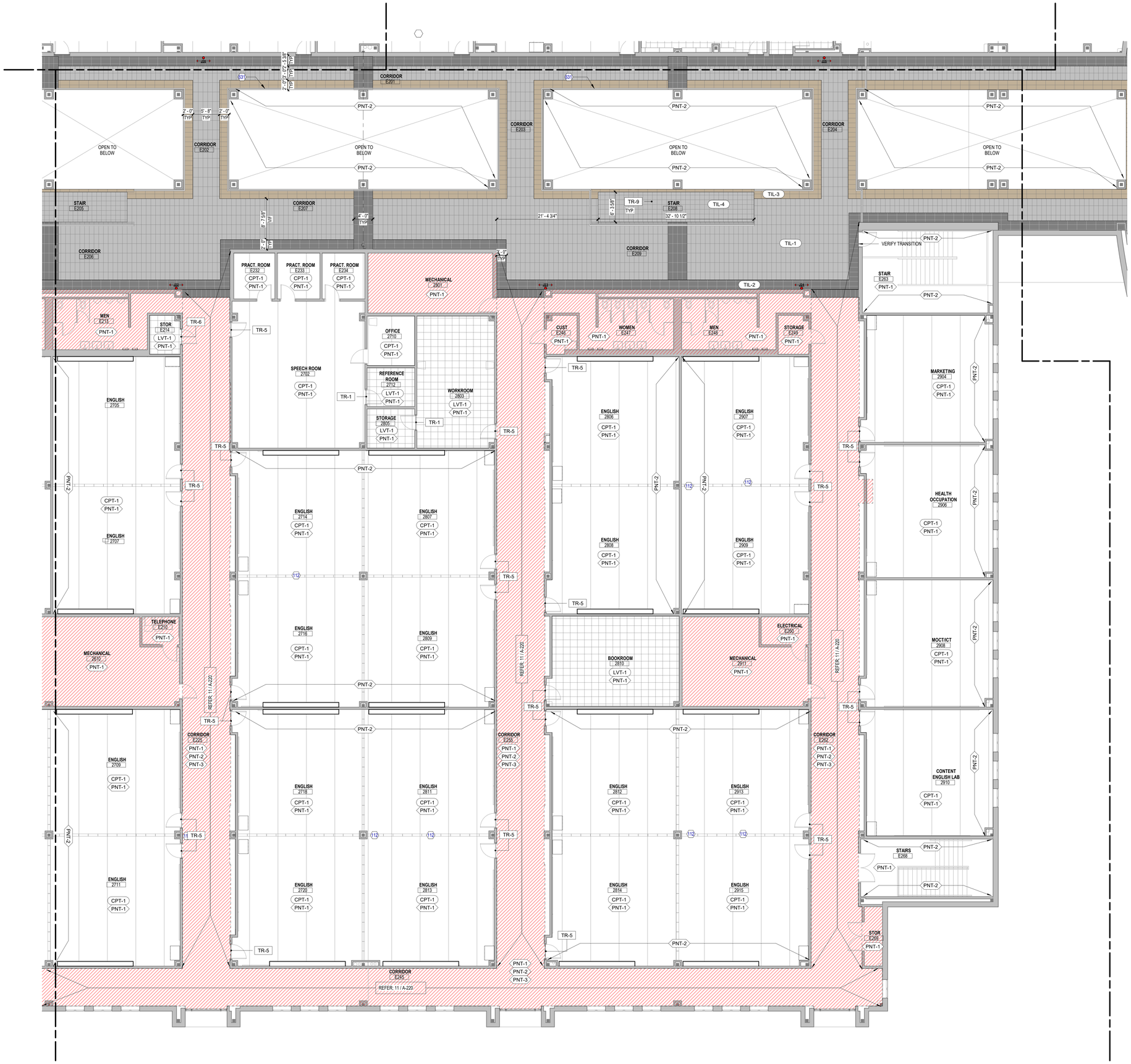

1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA E**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
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5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
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7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
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KEYED NOTES

NUMBER	DESCRIPTION
112	REPLACE VINYL COVERING ON ALL SECOND FLOOR FOLDING PARTITIONS; RE: FINISH SCHEDULE. THE CONTRACTOR TO TEST ALL PARTITIONS BEFORE AND AFTER INSTALLATION, DOCUMENTING FUNCTIONALITY.
631	ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	LVT-1 (FIELD)
	LVT-2 (ACCENT)
	LVT-3 (ACCENT)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
	SPORTS FLOORING - 1 (FIELD) REGUPOL AKTIVPRO – 1/2" MEAN GREEN 20%
	SPORTS FLOORING - 2 (ACCENT) REGUPOL AKTIVPRO – 1/2" THUNDER GRAY
	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619
	CPT-2
	NOT IN CONTRACT (NIC)
	SEALED CONCRETE
	CPT- MATCH EXISTING (AUDITORIUM)

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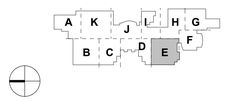
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT WILLIAM NEWTON SMITH 12908 STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA E

SHEET NUMBER
AI-102-E

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USER NAME:
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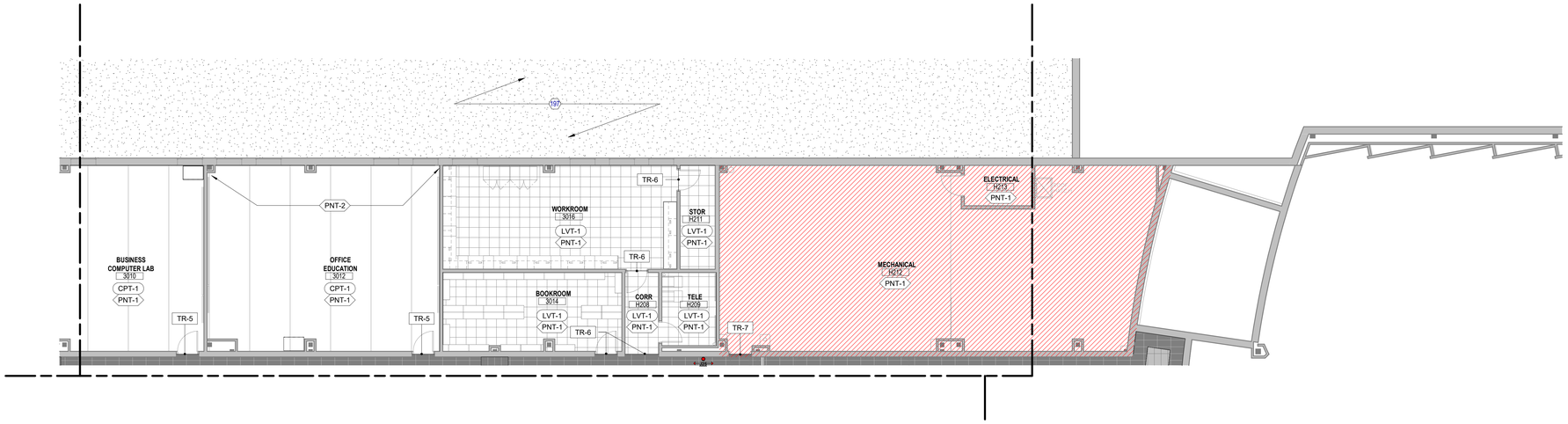
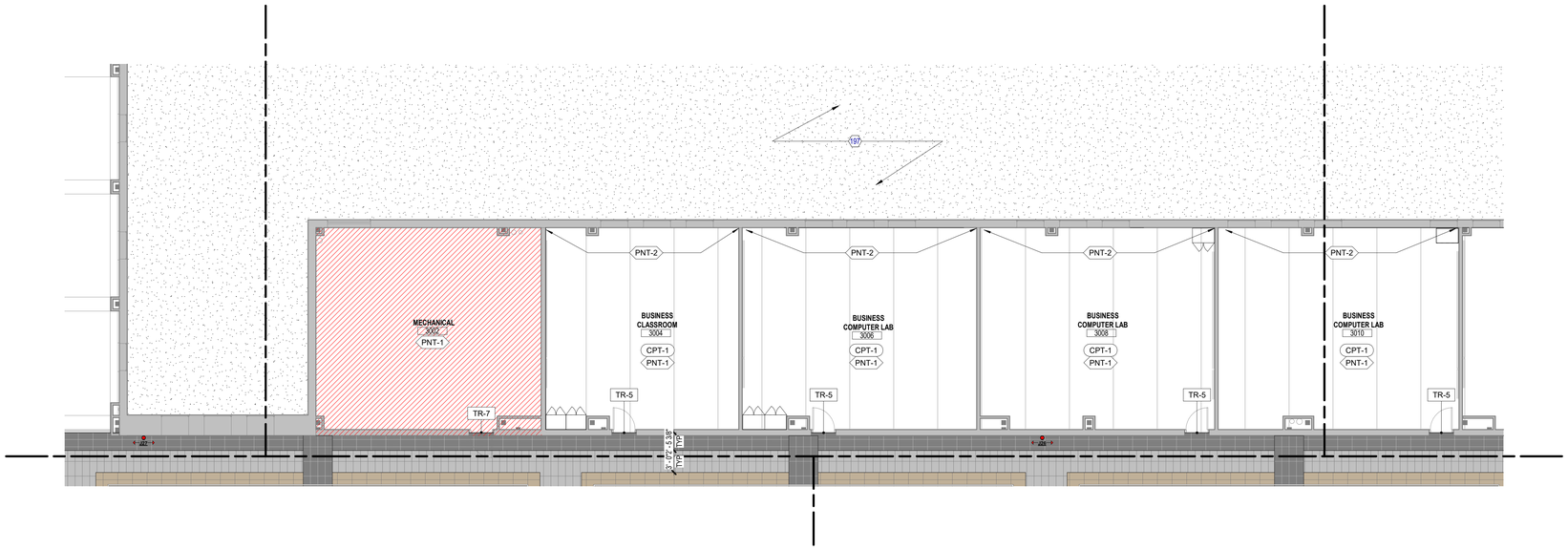


1 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA H**
SCALE: 1/8" = 1'-0"



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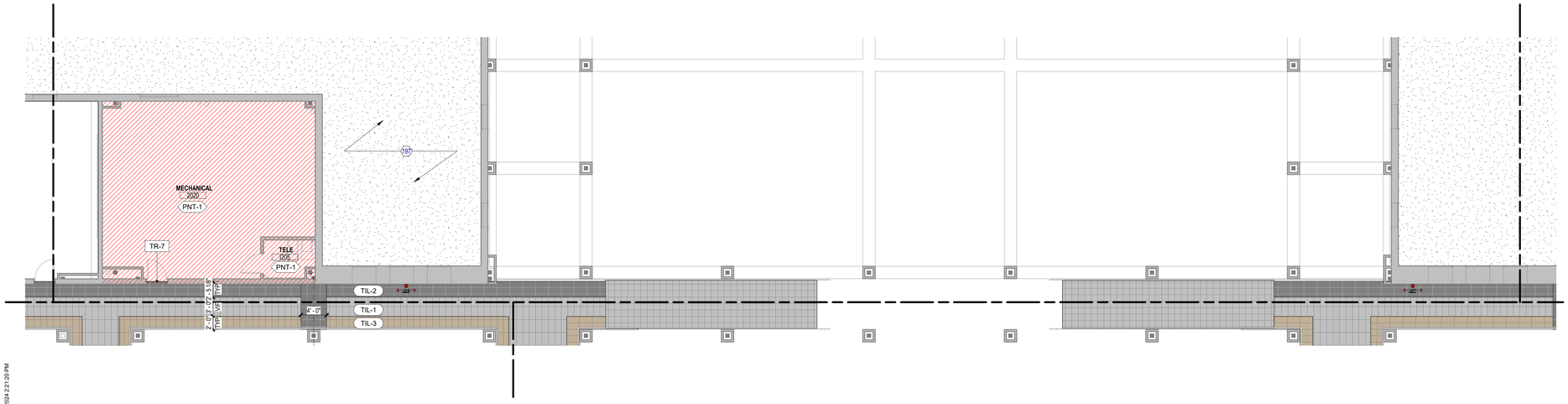
SCALE: 1/8" = 1'-0"



3 **ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA J**
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (3) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO. PROVIDE STRAIGHT BASE AT CARPET AND COVED BASE AT OTHER HARD FLOOR MATERIALS.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
14. WALLS SHALL RECEIVE PNT-1 AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH EGGSHELL FINISH.
15. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
16. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
17. ACCENT PAINT SHALL EXTEND HORIZONTALLY FROM INSIDE CORNER TO INSIDE CORNER ALONG WALL. CONTINUE ACCENT PAINT ACROSS FURR-DOWNS AND BULKHEADS ONLY IF THEY ARE IN THE SAME PLANE AS THE ACCENT WALL.
18. CAULKING AND SEALANT SHALL MATCH SURFACE TO WHICH IT IS APPLIED, UNO. SUBMIT COLOR CHART FOR ARCHITECT'S SELECTION. WHERE TWO DIFFERENT MATERIALS/COLORS ALIGN IN THE SAME PLANE, MATCH THE DARKER COLOR.
19. PAINT ALL EXISTING/NEW HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS. PAINT ALL EXISTING HOLLOW METAL FRAMES COLOR TO BE PNT-3.
20. ALL PREVIOUSLY PAINTED METAL RAILINGS, STAIR STRINGERS, RISERS SHALL HAVE PRIMER AND TWO COATS OF EPOXY PAINT WITH POLYURETHANE TOPCOAT. PAINT COLOR TO BE PNT-3.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.
22. ALL EXISTING ACCENT WALLS TO BE REPAINTED. REPAINTING TO BE DONE IN THE SAME LOCATION AS EXISTING ACCENT WALLS, UNO. NEW PAINT COLOR TO BE PNT-2.
23. ALL VCT TO BE REPLACECED WITH LVT-1, UNO.
24. CONTRACTOR TO COORDINATE FLOOR FINISHES WITH EXISTING FLOOR OUTLETS AND FLOOR DRAINS, PROTECT DURING CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING THE EXISTING ACOUSTIC PANELS PRIOR TO PAINTING. AFTER PAINTING IS COMPLETE, THE PANELS SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS. ANY DAMAGED PANELS MUST BE REPLACED.

KEYED NOTES

NUMBER	DESCRIPTION
197	EXISTING ROOF SLAB.

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	CPT-2
	LVT-1 (FIELD)
	NOT IN CONTRACT (NIC)
	LVT-2 (ACCENT)
	SEALED CONCRETE
	LVT-3 (ACCENT)
	CPT- MATCH EXISTING (AUDITORIUM)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
	TIL-2 (ACCENT)
	TIL-3 (ACCENT)
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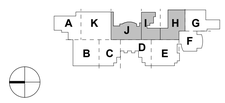
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
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Houston, TX 77041

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33AC23221	CFISD
DRAWN BY	**CHECKED BY**
Author	Checker

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA H, I, & J

SHEET NUMBER
AI-102-H,I & J

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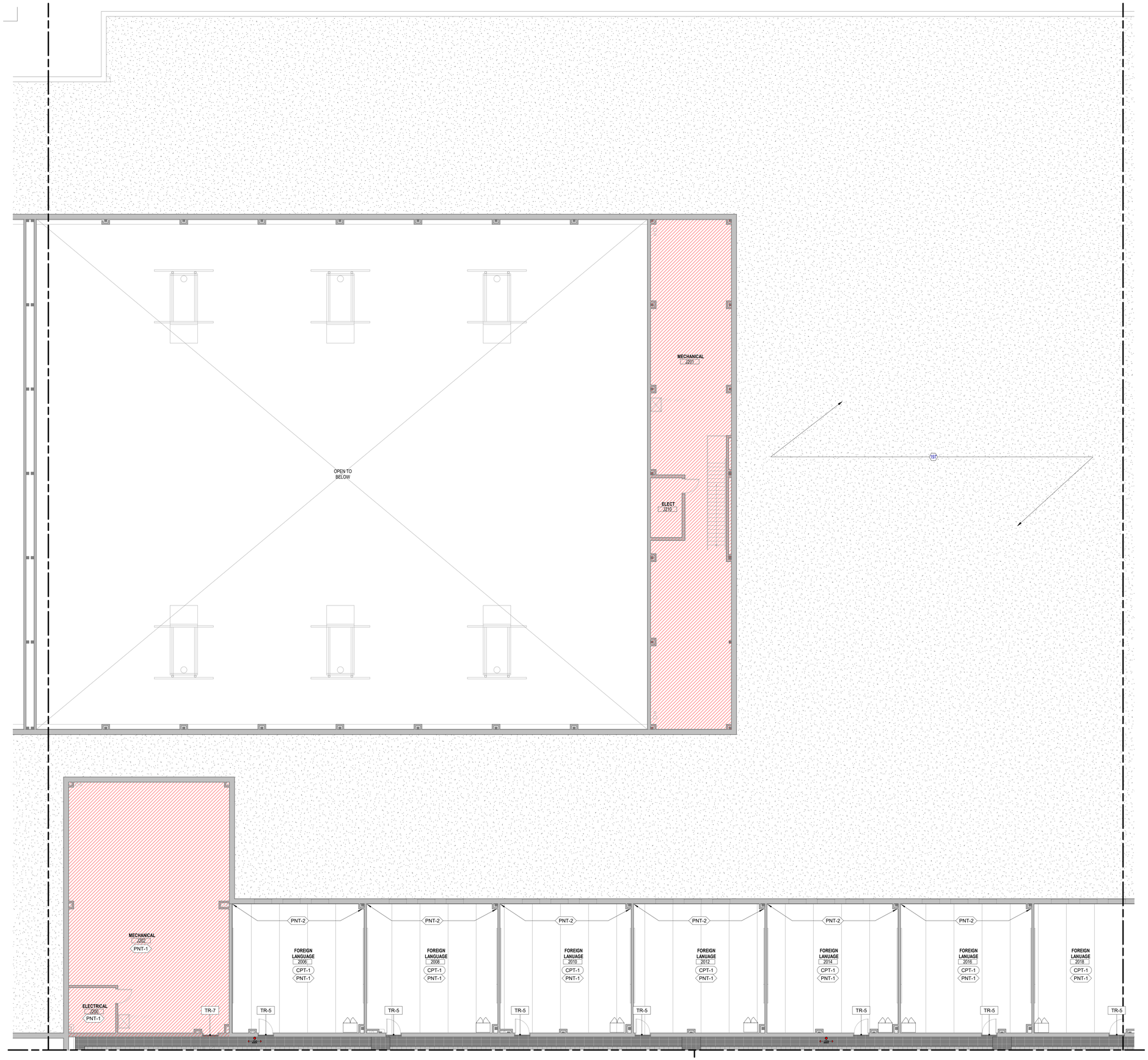

1 ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA K

SCALE: 1/8" = 1'-0"

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USER NAME:
DATE STAMP: 12/6/2024 2:21:26 PM

INTERIOR FINISH GENERAL NOTES

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KEYED NOTES

NUMBER	DESCRIPTION
197	EXISTING ROOF SLAB.

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1
	CPT-2
	LVT-1 (FIELD)
	NOT IN CONTRACT (NIC)
	LVT-2 (ACCENT)
	SEALED CONCRETE
	LVT-3 (ACCENT)
	CPT- MATCH EXISTING (AUDITORIUM)
	LVT-4 (ACCENT)
	TIL-1 (FIELD)
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	SPORTS FLOORING - 3 (ACCENT + DROP DOWN ZONES REGUPOL AKTIVPRO – 4MM THUNDER GRRAY ON TOP OF 8MM #7619

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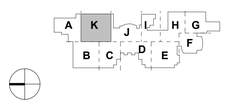

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

REGISTERED ARCHITECT
MELANIE WINCHESTER
27906
STATE OF TEXAS
12/9/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ARCHITECTURAL - INTERIOR FINISH PLAN - LEVEL 02 - AREA K

SHEET NUMBER
AI-102-K

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

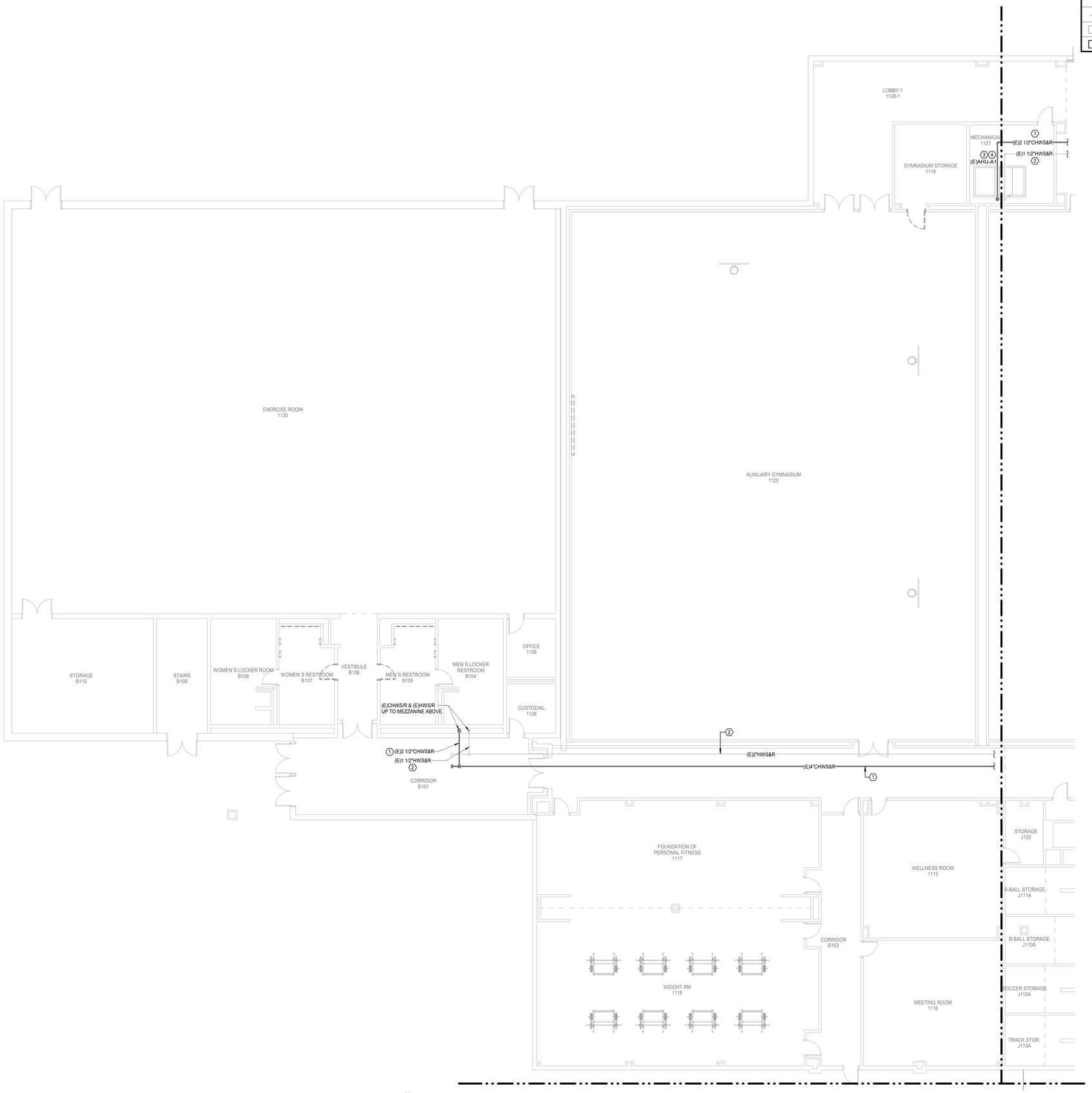
1	ALL EXISTING OPENINGS IN EXISTING TO REMAIN DUCTWORK NOT BEING REUSED ARE TO BE PATCHED, SEALED, AND REINSULATED.
2	OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL HVAC EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT NOT LIMITED TO COOLING TOWERS, WATER COOLED CHILLERS, PUMPS, VALVES, AIR DEVICES, AND FANS.
3	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
4	ALL MECHANICAL SYSTEMS SHOWN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO START OF WORK.
5	REMOVE ALL UNUSED OR ABANDONED HANGER AND SUPPORTS OF DEMOLISHED EQUIPMENT AND MATERIAL.
6	ALL EXISTING AIR DEVICES SHALL REMAIN AND BE SECURED FROM STRUCTURE TO FACILITATE THE EXISTING CEILING DEMOLITION. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR SHALL DOCUMENT LOCATION OF ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES. PRIOR TO CEILING BEING REMOVED.
8	CONTRACTOR SHALL UPDATE BMCS GRAPHICS FOR ALL MECHANICAL EQUIPMENT BEING REMOVED FROM PROJECT.

DEMOLITION KEYED NOTES

#	
1	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
2	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
3	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
4	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.



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1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA A**
Scale: 1/8" = 1'-0"

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281.664.1900

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281.578.9595

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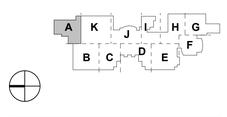
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

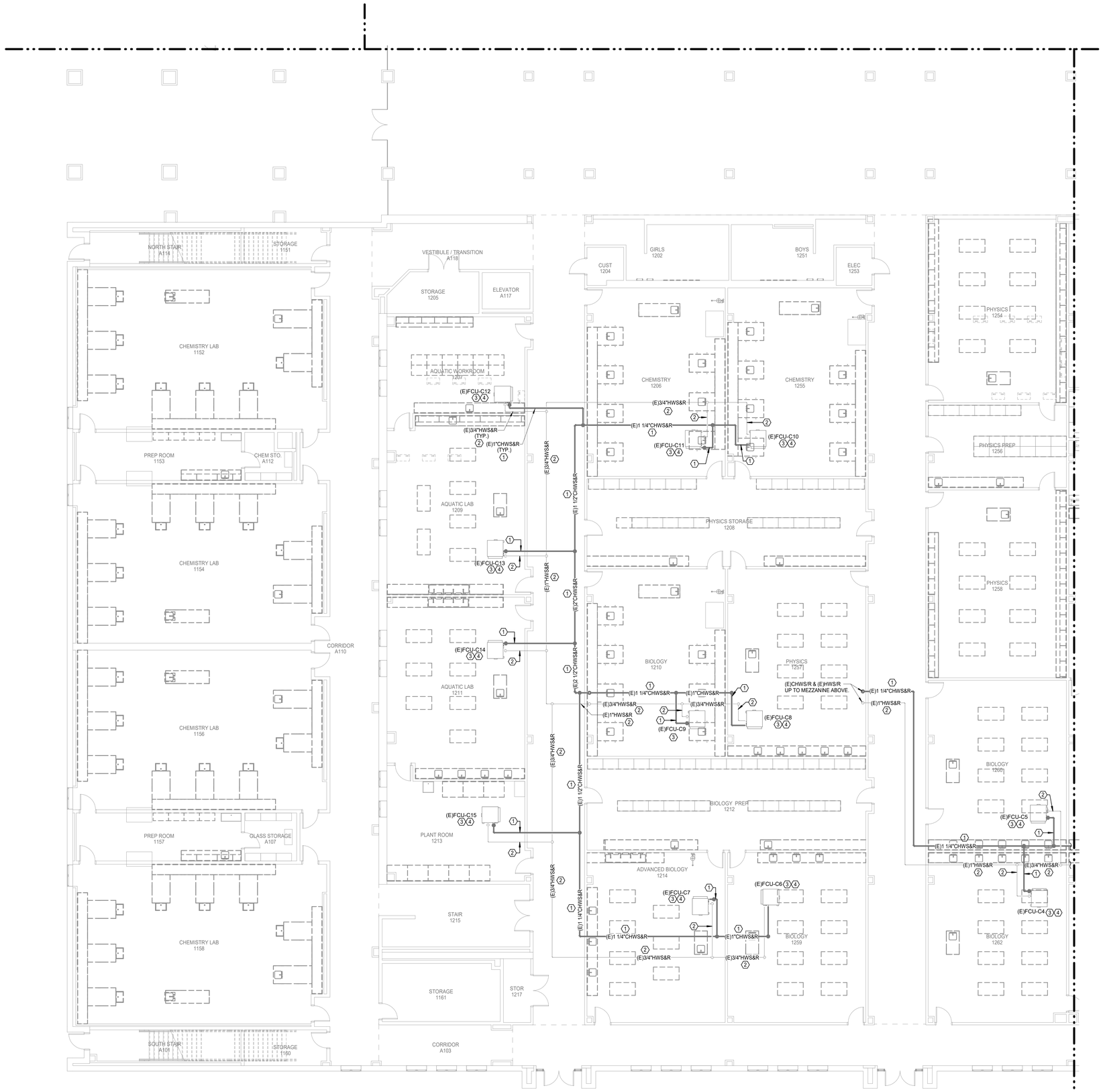
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA A

SHEET NUMBER
M-001-A



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA B**

Scale: 1/8" = 1'-0"

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien

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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

1	ALL EXISTING OPENINGS IN EXISTING TO REMAIN DUCTWORK NOT BEING REUSED ARE TO BE PATCHED, SEALED, AND REINSULATED.
2	OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL HVAC EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT NOT LIMITED TO COOLING TOWERS, WATER COOLED CHILLERS, PUMPS, VALVES, AIR DEVICES, AND FANS.
3	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
4	ALL MECHANICAL SYSTEMS SHOWN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO START OF WORK.
5	REMOVE ALL UNUSED OR ABANDONED HANGER AND SUPPORTS OF DEMOLISHED EQUIPMENT AND MATERIAL.
6	ALL EXISTING AIR DEVICES SHALL REMAIN AND BE SECURED FROM STRUCTURE TO FACILITATE THE EXISTING CEILING DEMOLITION. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR SHALL DOCUMENT LOCATION OF ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES. PRIOR TO CEILING BEING REMOVED.
8	CONTRACTOR SHALL UPDATE BMCS GRAPHICS FOR ALL MECHANICAL EQUIPMENT BEING REMOVED FROM PROJECT.

DEMOLITION KEYED NOTES

#	
1	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
2	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
3	EXISTING FAN COIL UNIT TO REMAIN.
4	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

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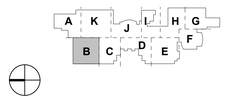


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE

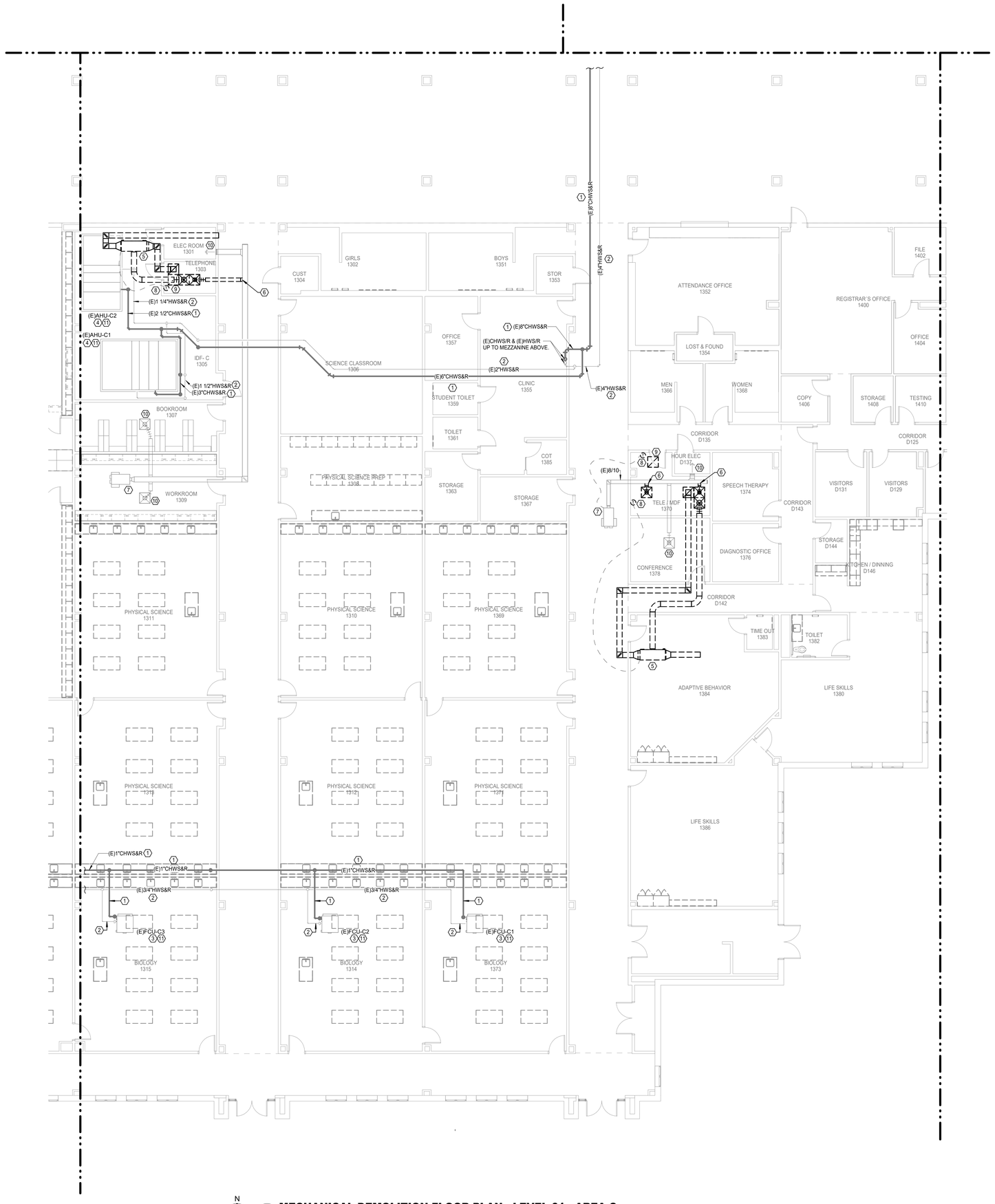
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA B

SHEET NUMBER

M-002-B



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA C**
Scale: 1/8" = 1'-0"

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

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DEMOLITION KEYED NOTES

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1	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
2	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
3	EXISTING FAN COIL UNIT TO REMAIN.
4	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
5	REMOVE EXISTING MDF/IDF UNIT, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
6	REMOVE EXISTING DUCTWORK BACK TO POINT INDICATED. PATCH AND SEAL MAIN DUCTWORK AS SPECIFIED.
7	EXISTING DUAL DUCT BOX TO REMAIN.
8	REMOVE EXISTING TEMPERATURE SENSOR AND ALL ASSOCIATED CONTROL WIRING BACK TO ASSOCIATED MECHANICAL EQUIPMENT.
9	REMOVE EXISTING RETURN AIR GRILLE.
10	EXISTING AIR DEVICE TO REMAIN.
11	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.

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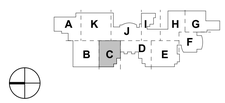
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA C

SHEET NUMBER

M-003-C

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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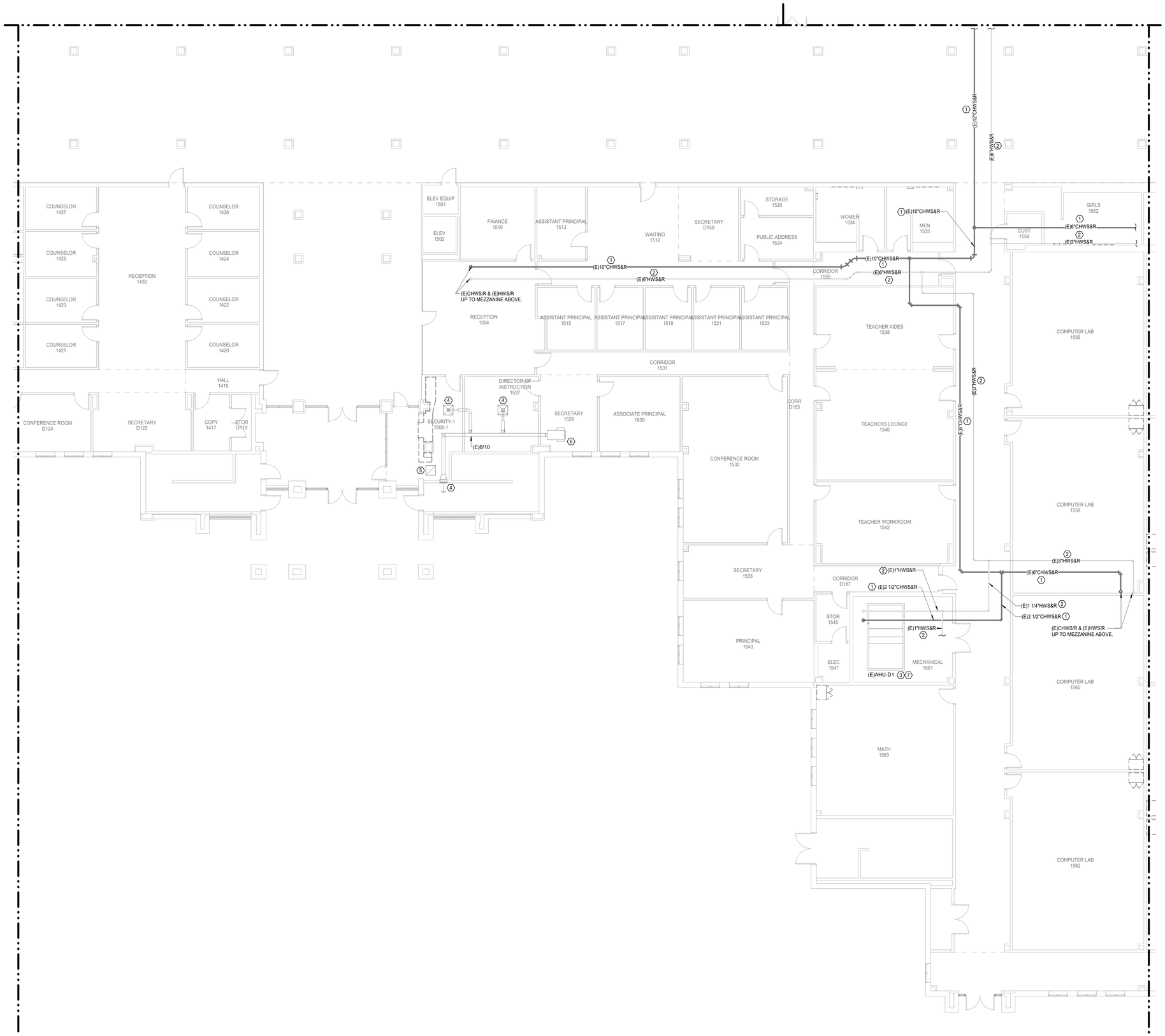
Registration: F-4111
Project No: 2023-05942-00



GENERAL DEMOLITION NOTES

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DEMOLITION KEYED NOTES

#	
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2	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
3	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
4	EXISTING AIR DEVICE TO REMAIN.
5	EXISTING AIR DEVICE TO BE RELOCATED.
6	EXISTING DUAL DUCT BOX TO REMAIN.
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CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA D**
Scale: 1/8" = 1'-0"

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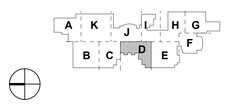
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA D

SHEET NUMBER
M-004-D

N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA E**
Scale: 1/8" = 1'-0"

SYMBOL LEGEND

	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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Houston
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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

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DEMOLITION KEYED NOTES

#	
1	EXISTING AIR DEVICE TO REMAIN.
2	EXISTING DUCTWORK TO REMAIN.
3	REMOVE EXISTING DUCTWORK AND ALL ASSOCIATED APPURTENANCES BACK TO POINT INDICATED.
4	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
5	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
6	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
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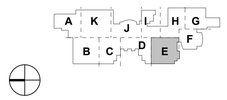

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

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DRAWN BY	**CHECKED BY**
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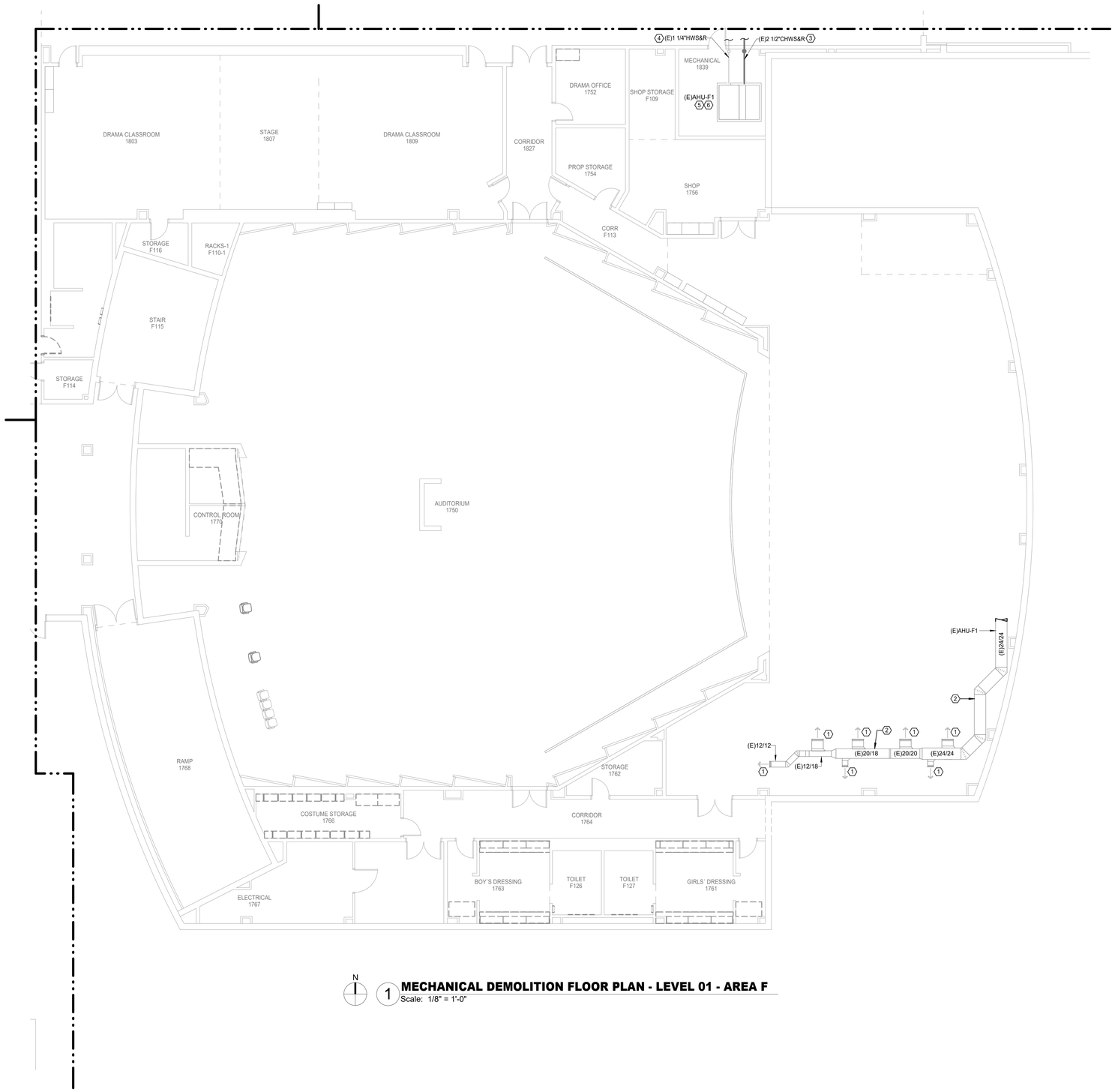
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA E

SHEET NUMBER
M-005-E



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA F**
Scale: 1/8" = 1'-0"

SYMBOL LEGEND

	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

1	ALL EXISTING OPENINGS IN EXISTING TO REMAIN DUCTWORK NOT BEING REUSED ARE TO BE PATCHED, SEALED, AND REINSULATED.
2	OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL HVAC EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT NOT LIMITED TO COOLING TOWERS, WATER COOLED CHILLERS, PUMPS, VALVES, AIR DEVICES, AND FANS.
3	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
4	ALL MECHANICAL SYSTEMS SHOWN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO START OF WORK.
5	REMOVE ALL UNUSED OR ABANDONED HANGER AND SUPPORTS OF DEMOLISHED EQUIPMENT AND MATERIAL.
6	ALL EXISTING AIR DEVICES SHALL REMAIN AND BE SECURED FROM STRUCTURE TO FACILITATE THE EXISTING CEILING DEMOLITION. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR SHALL DOCUMENT LOCATION OF ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES. PRIOR TO CEILING BEING REMOVED.
8	CONTRACTOR SHALL UPDATE BMCS GRAPHICS FOR ALL MECHANICAL EQUIPMENT BEING REMOVED FROM PROJECT.

DEMOLITION KEYED NOTES

#	
1	EXISTING AIR DEVICE TO REMAIN.
2	EXISTING DUCTWORK TO REMAIN.
3	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
4	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
5	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
6	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

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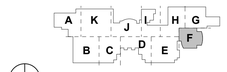
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F

SHEET NUMBER
M-006-F

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien

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10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

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DEMOLITION KEYED NOTES

#	
1	EXISTING AIR DEVICE TO REMAIN.
2	EXISTING DUCTWORK TO REMAIN.
3	REMOVE EXISTING AIR DEVICE.
4	REMOVE EXISTING DUCTWORK BACK TO POINT INDICATED, PATCH, SEAL, AND INSULATE MAIN DUCTWORK AS SPECIFIED.
5	REMOVE EXISTING DUCTWORK AS INDICATED.
6	EXISTING AIR DEVICE TO BE RELOCATED.
7	EXISTING TERMINAL UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
8	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
9	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
10	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
11	REMOVE EXISTING EXHAUST FAN, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
12	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.

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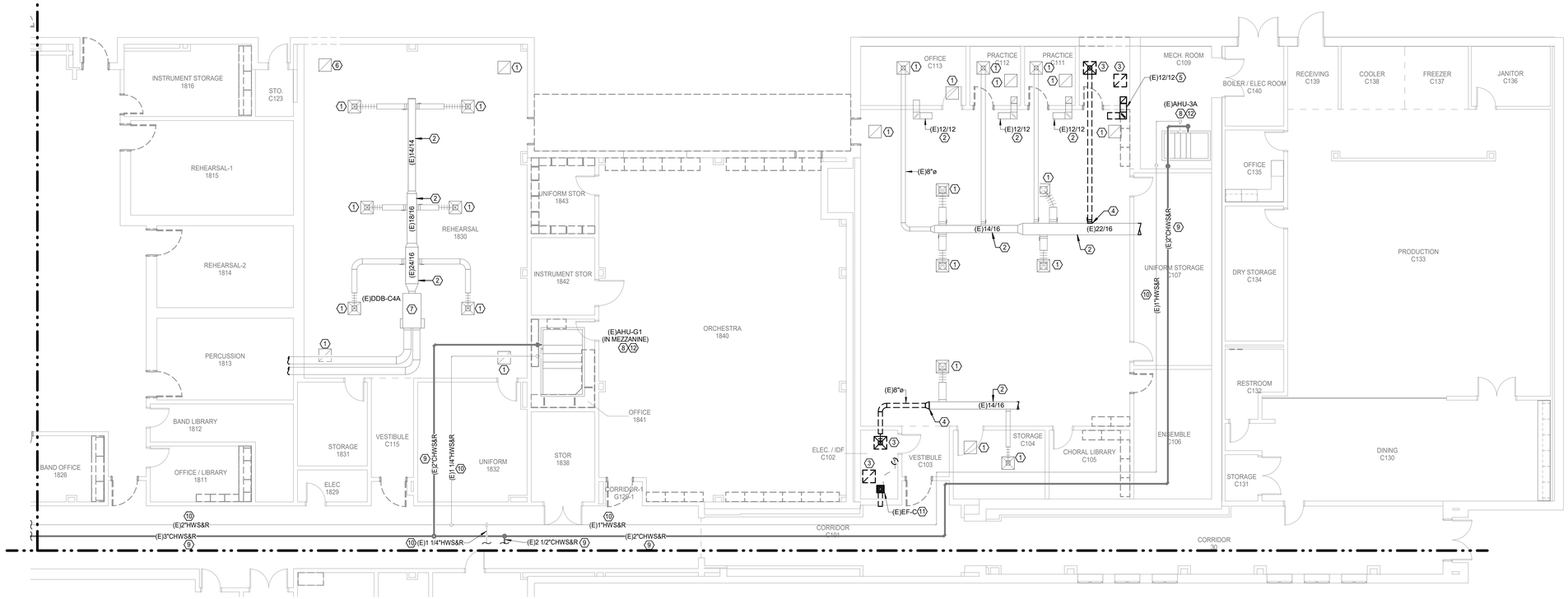

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1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA G**
Scale: 1/8" = 1'-0"

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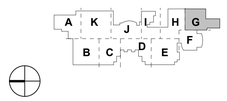
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

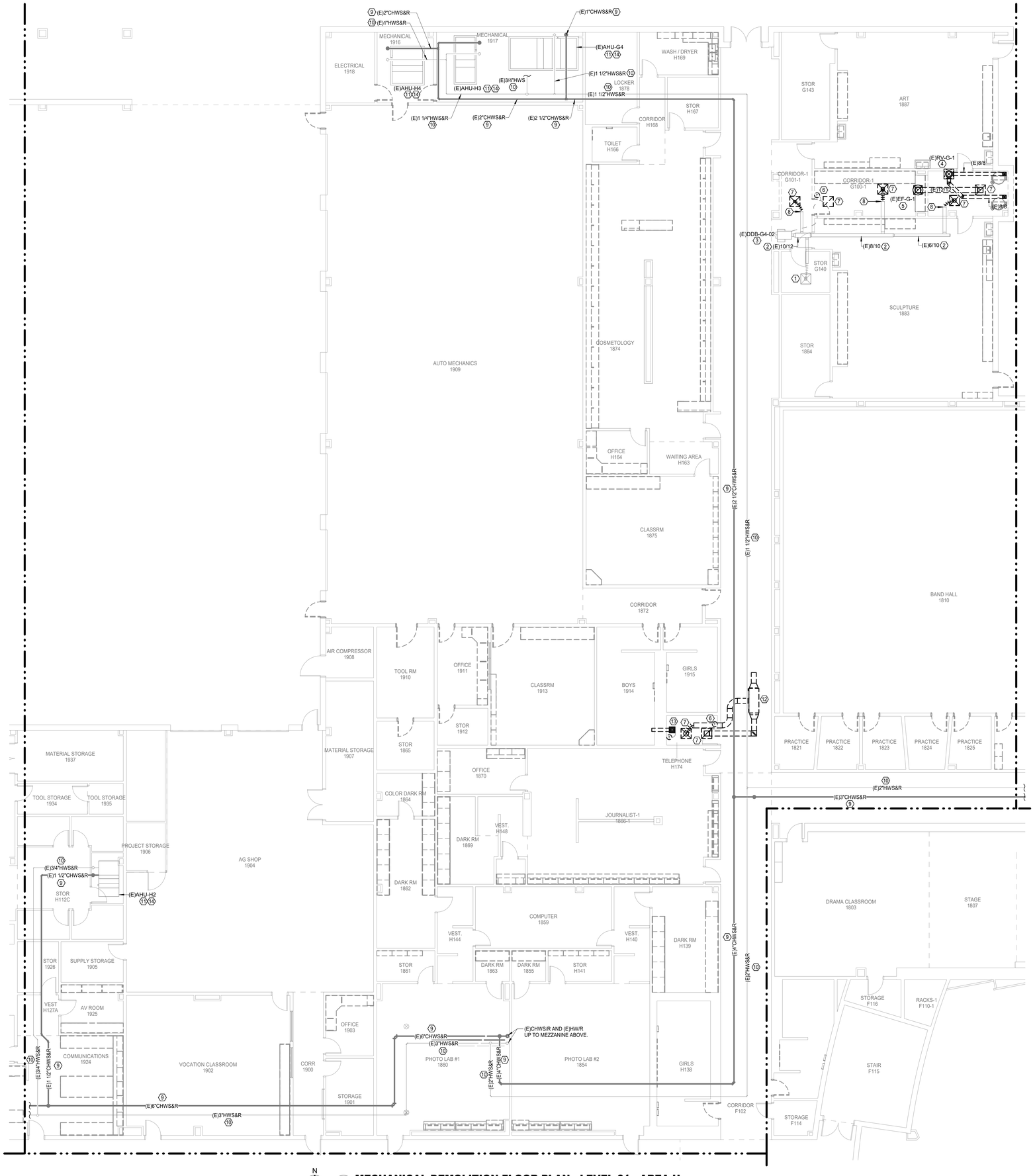
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA G

SHEET NUMBER
M-007-G



1 MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA H

Scale: 1/8" = 1'-0"

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien
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Houston
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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

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DEMOLITION KEYED NOTES

#	
1	EXISTING AIR DEVICE TO REMAIN.
2	EXISTING DUCTWORK TO REMAIN.
3	EXISTING TERMINAL UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
4	REMOVE EXISTING RELIEF VENT, ROOF CURB, AND ALL ASSOCIATED APPURTENANCES. PATCH AND SEAL ROOF TO MATCH ADJACENT.
5	REMOVE EXISTING FAN, ROOF CURB, AND ALL ASSOCIATED APPURTENANCES. PATCH AND SEAL ROOF TO MATCH ADJACENT.
6	REMOVE EXISTING TEMPERATURE SENSOR AND ALL ASSOCIATED CONTROL WIRING BACK TO ASSOCIATED MECHANICAL EQUIPMENT.
7	REMOVE EXISTING AIR DEVICE.
8	REMOVE EXISTING DUCTWORK AND ALL ASSOCIATED APPURTENANCES BACK TO POINT INDICATED.
9	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
10	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
11	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
12	REMOVE EXISTING MDF/IDF UNIT, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
13	REMOVE EXISTING EXHAUST FAN, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
14	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.

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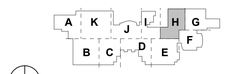

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE

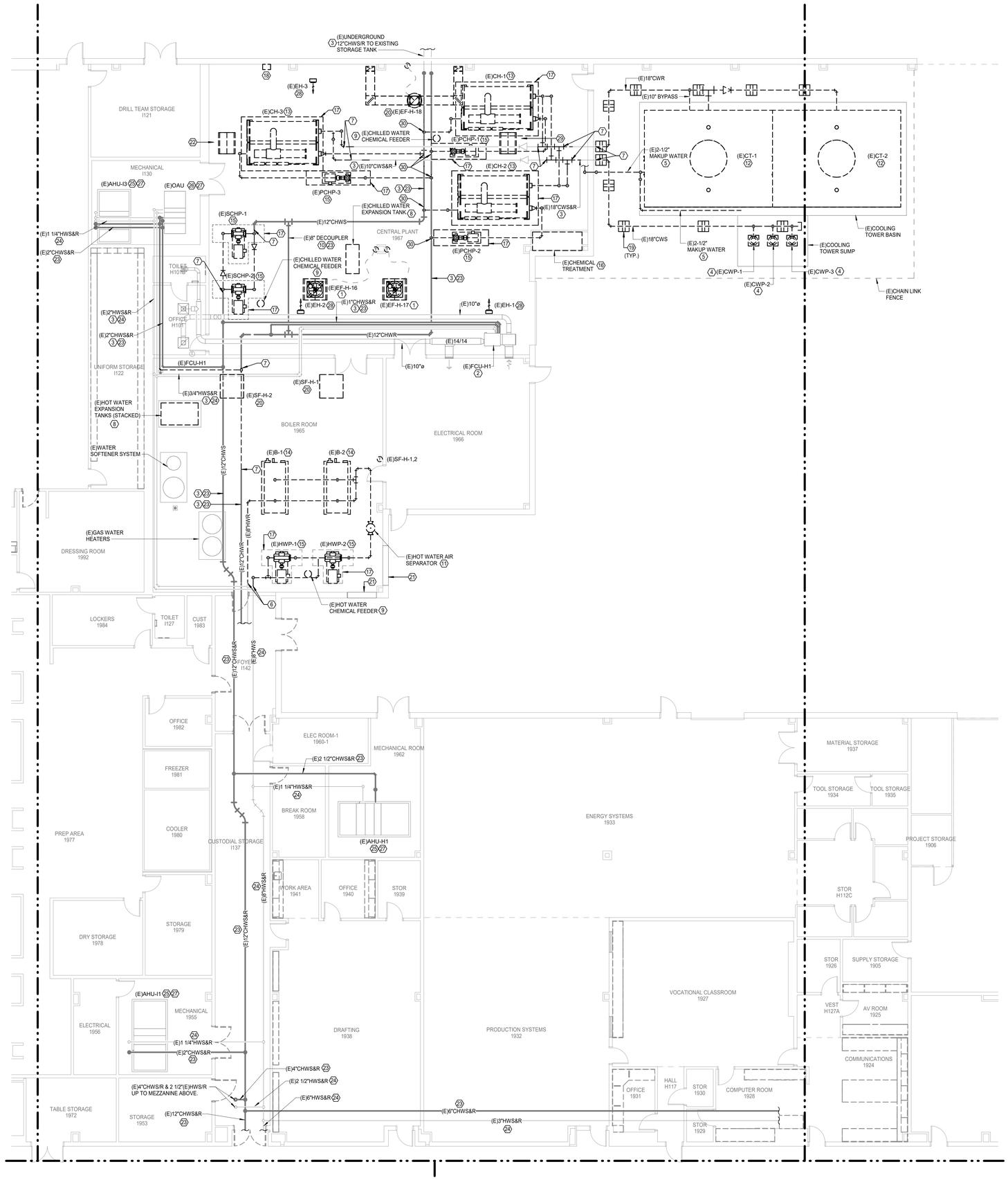
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA H

SHEET NUMBER

M-008-H



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA I**

Scale: 1/8" = 1'-0"

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien

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Houston
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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

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DEMOLITION KEYED NOTES

#	
1	REMOVE EXISTING FAN AND ROOF CURB. EXISTING ROOF PENETRATION TO REMAIN AND BE REUSED. CONTRACTOR SHALL PRESERVE OPENING FOR DURATION OF CONSTRUCTION.
2	EXISTING FAN COIL UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
3	EXISTING PIPING TO REMAIN.
4	REMOVE EXISTING PUMP, BASE PLATE, ALL ASSOCIATED VALVES AND OTHER APPURTENANCES.
5	REMOVE EXISTING MAKE-UP WATER PIPING, FLOAT VALVE ASSEMBLY IN SUMP, INSULATION, AND ALL ASSOCIATED APPURTENANCES.
6	REMOVE EXISTING HOT WATER SUPPLY AND RETURN PIPING BACK TO POINT INDICATED.
7	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING BACK TO POINT INDICATED.
8	REMOVE EXISTING EXPANSION TANK AND ALL ASSOCIATED APPURTENANCES.
9	REMOVE EXISTING CHEMICAL FEEDER AND ALL ASSOCIATED APPURTENANCES.
10	EXISTING CHILLED WATER DECOUPLER TO REMAIN.
11	REMOVE EXISTING HOT WATER AIR SEPARATOR.
12	REMOVE EXISTING COOLING TOWER, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
13	REMOVE EXISTING WATER COOLED CHILLER, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
14	REMOVE EXISTING BOILER, CONCRETE PAD, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
15	REMOVE EXISTING PUMP, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
16	REMOVE EXISTING COOLING TOWER CHEMICAL TREATMENT.
17	REMOVE EXISTING CONCRETE HOUSEKEEPING PAD.
18	REMOVE EXISTING REFRIGERANT MONITORING STATION AND ALL ASSOCIATED APPURTENANCES.
19	REMOVE EXISTING PIPE STAND.
20	REMOVE EXISTING FAN, ROOF CURB, AND ALL ASSOCIATED APPURTENANCES. PATCH AND SEAL ROOF TO MATCH ADJACENT.
21	EXISTING COMBUSTION AIR LOUVER TO REMAIN.
22	REMOVE EXISTING OUTSIDE AIR INTAKE, ROOF CURB, AND ALL ASSOCIATED APPURTENANCES. EXISTING ROOF PENETRATION TO REMAIN AND BE REUSED. CONTRACTOR SHALL PRESERVE OPENING FOR DURATION OF CONSTRUCTION.
23	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
24	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
25	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
26	EXISTING OUTSIDE AIR UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
27	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.
28	REMOVE EXISTING ELECTRIC UNIT HEATER, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
29	REMOVE EXISTING OUTSIDE AIR INTAKE, ROOF CURB, AND ALL ASSOCIATED APPURTENANCES. PATCH AND SEAL ROOF OPENING.
30	REMOVE EXISTING PIPING AND ALL ASSOCIATED APPURTENANCES BACK TO POINT INDICATED. PATCH, SEAL, AND INSULATE MAIN PIPING AS SPECIFIED.

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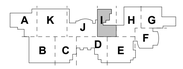
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE

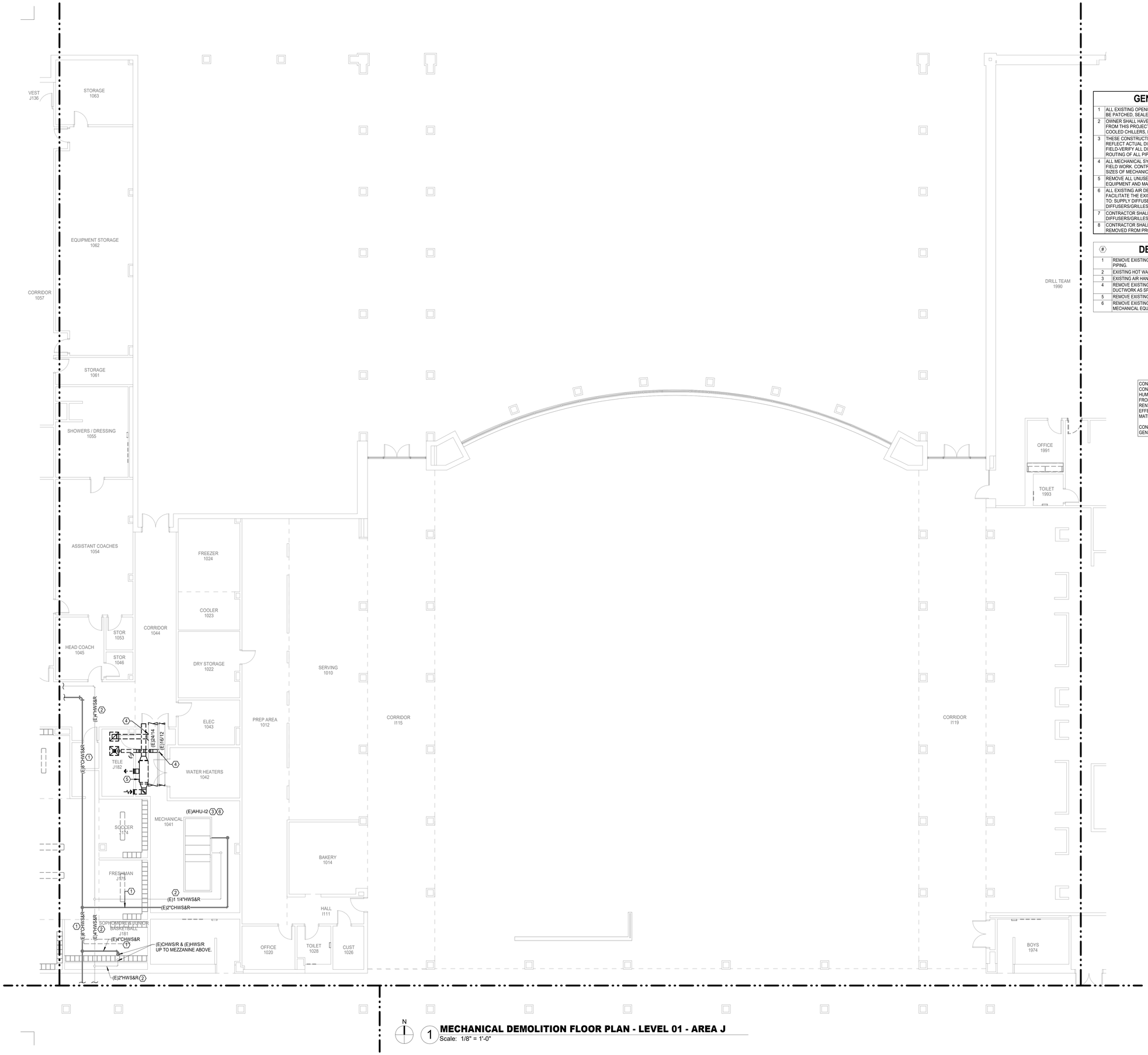
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA I

SHEET NUMBER

M-009-I



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA J**

Scale: 1/8" = 1'-0"

Salas O'Brien

salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

1	ALL EXISTING OPENINGS IN EXISTING TO REMAIN DUCTWORK NOT BEING REUSED ARE TO BE PATCHED, SEALED, AND REINSULATED.
2	OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL HVAC EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT NOT LIMITED TO COOLING TOWERS, WATER COOLED CHILLERS, PUMPS, VALVES, AIR DEVICES, AND FANS.
3	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
4	ALL MECHANICAL SYSTEMS SHOWN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO START OF WORK.
5	REMOVE ALL UNUSED OR ABANDONED HANGER AND SUPPORTS OF DEMOLISHED EQUIPMENT AND MATERIAL.
6	ALL EXISTING AIR DEVICES SHALL REMAIN AND BE SECURED FROM STRUCTURE TO FACILITATE THE EXISTING CEILING DEMOLITION. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR SHALL DOCUMENT LOCATION OF ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES. PRIOR TO CEILING BEING REMOVED.
8	CONTRACTOR SHALL UPDATE BMCS GRAPHICS FOR ALL MECHANICAL EQUIPMENT BEING REMOVED FROM PROJECT.

DEMOLITION KEYED NOTES

#	
1	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
2	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
3	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
4	REMOVE EXISTING DUCTWORK BACK TO POINT INDICATED, PATCH AND SEAL MAIN DUCTWORK AS SPECIFIED.
5	REMOVE EXISTING MDF/IDF UNIT, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
6	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.

SYMBOL LEGEND

	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

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MEP & AV/THEATRICAL ENGINEER
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281.664.1900

CIVIL ENGINEER
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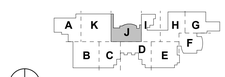
21020 Park Row Dr.
Katy, Texas 77449

281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
Houston, TX 77024
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
TEXAS
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE

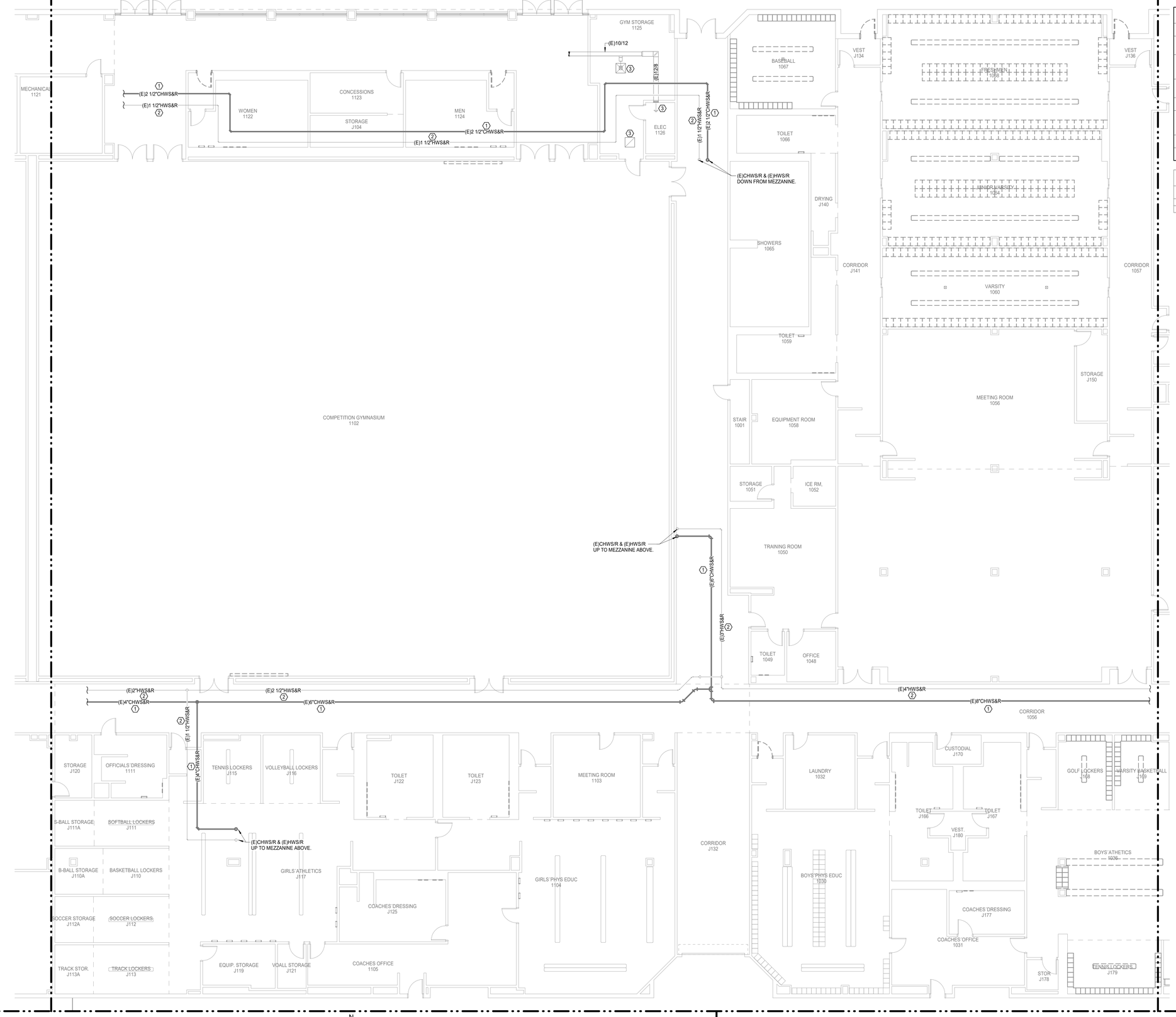
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA J

SHEET NUMBER

M-010-J



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA K**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

1	ALL EXISTING OPENINGS IN EXISTING TO REMAIN DUCTWORK NOT BEING REUSED ARE TO BE PATCHED, SEALED, AND REINSULATED.
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DEMOLITION KEYED NOTES

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2	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
3	EXISTING AIR DEVICE TO REMAIN.

SYMBOL LEGEND

	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING: THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

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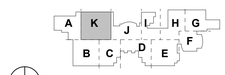
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

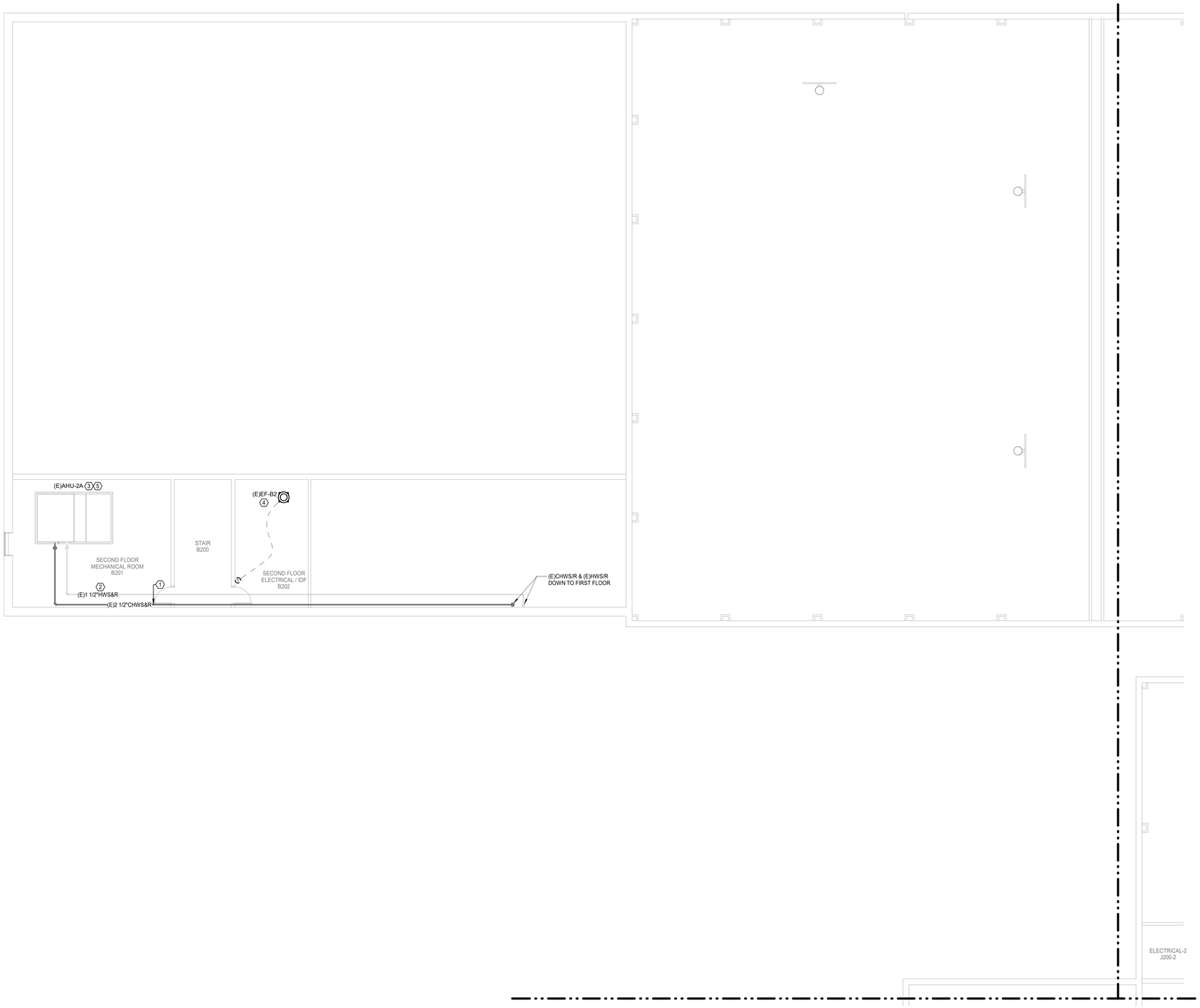
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA K

SHEET NUMBER
M-011-K



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA A**
Scale: 1/8" = 1'-0"

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien
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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

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DEMOLITION KEYED NOTES

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1	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
2	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
3	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
4	REMOVE EXISTING FAN, ROOF CURB, AND ALL ASSOCIATED APPURTENANCES. PATCH AND SEAL ROOF OPENING.
5	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING: THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

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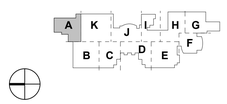
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

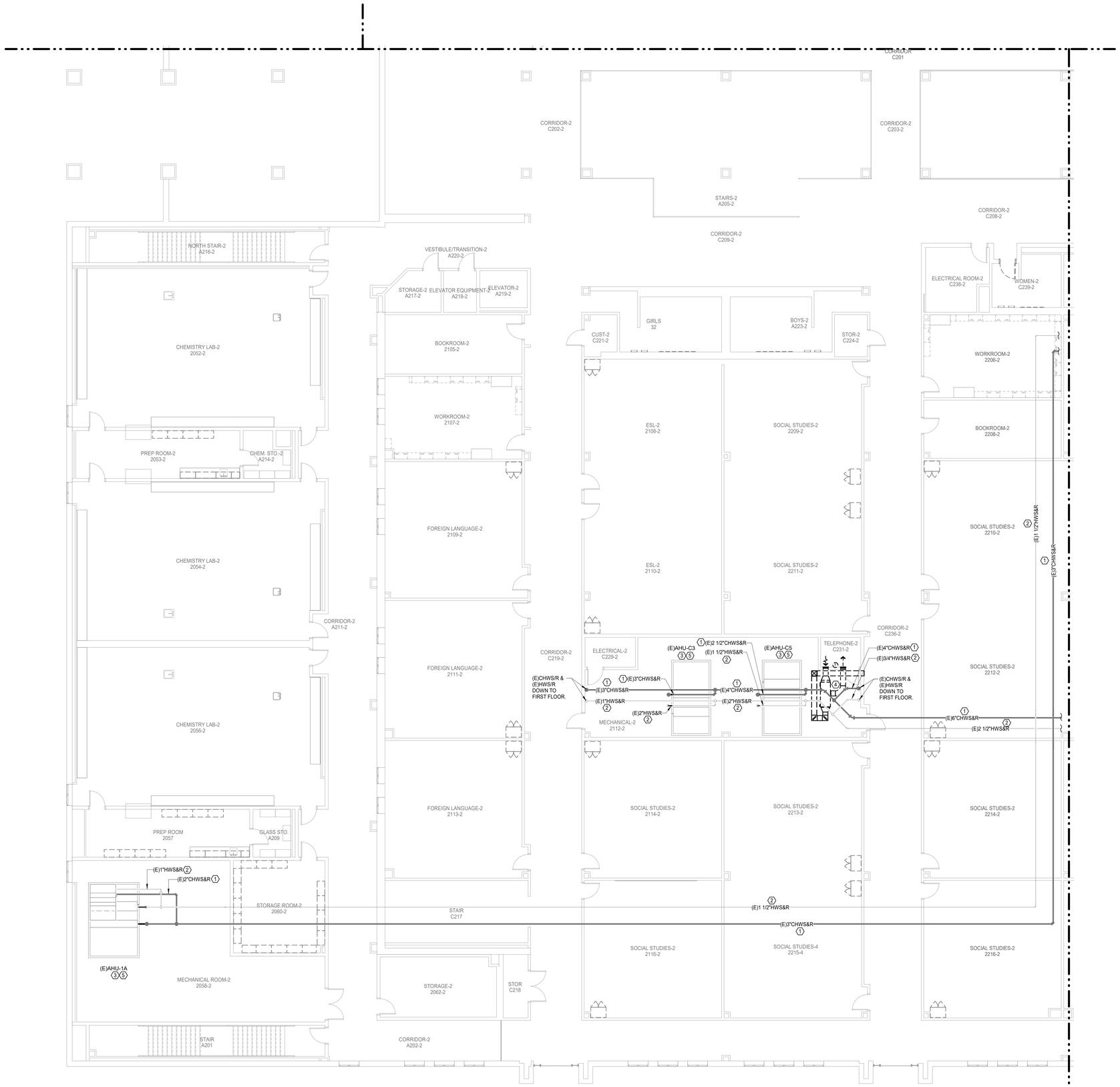
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA A

SHEET NUMBER
M-012-A



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA B**
Scale: 1/8" = 1'-0"

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

1	ALL EXISTING OPENINGS IN EXISTING TO REMAIN DUCTWORK NOT BEING REUSED ARE TO BE PATCHED, SEALED, AND REINSULATED.
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DEMOLITION KEYED NOTES

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2	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
3	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
4	REMOVE EXISTING MDF/IDF UNIT, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
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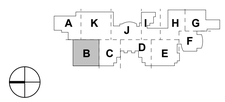
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

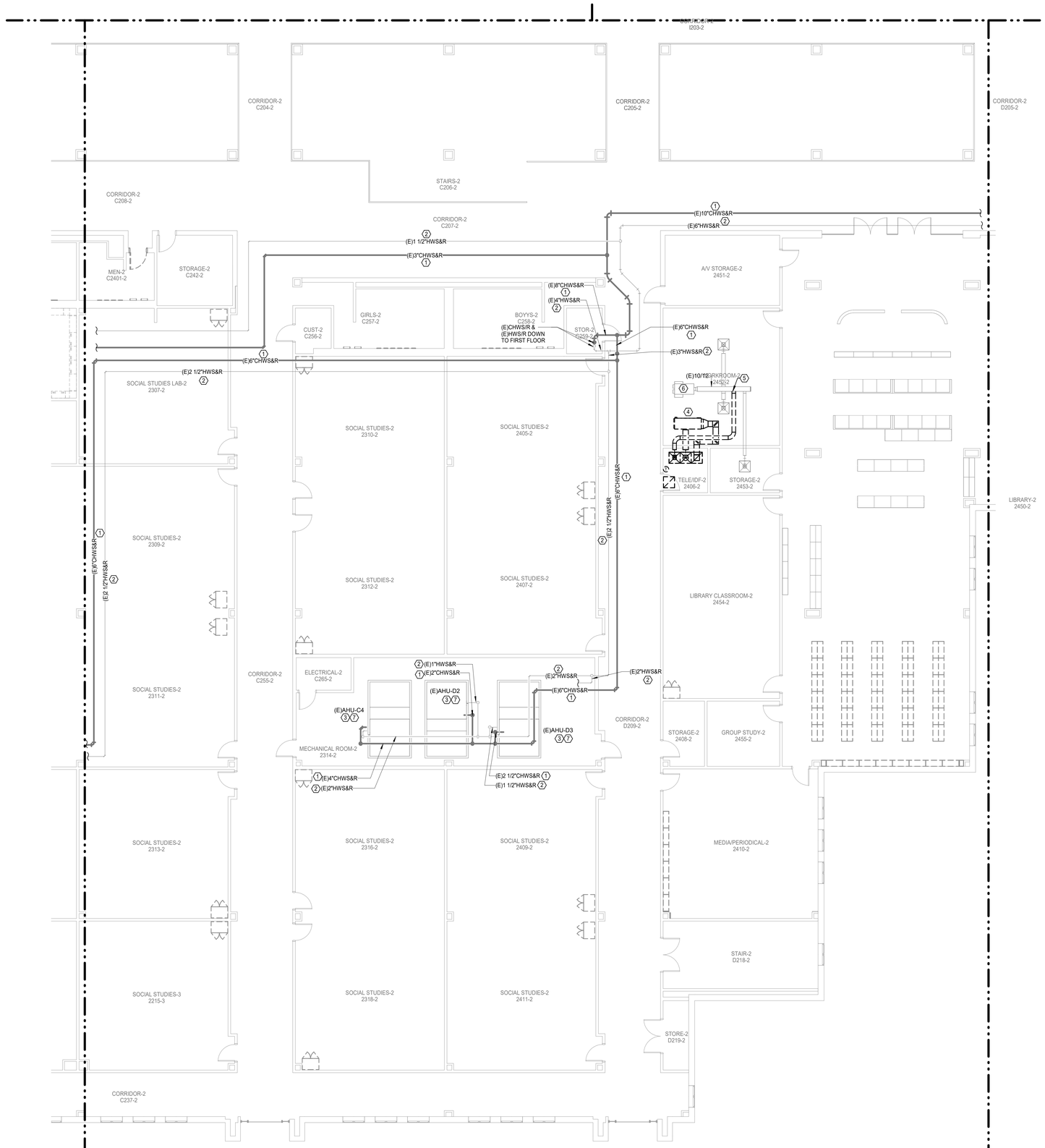
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA B

SHEET NUMBER
M-013-B



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA C**
Scale: 1/8" = 1'-0"

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien
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Registration: F-4111
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GENERAL DEMOLITION NOTES

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6	ALL EXISTING AIR DEVICES SHALL REMAIN AND BE SECURED FROM STRUCTURE TO FACILITATE THE EXISTING CEILING DEMOLITION. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR SHALL DOCUMENT LOCATION OF ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES. PRIOR TO CEILING BEING REMOVED.
8	CONTRACTOR SHALL UPDATE BMCS GRAPHICS FOR ALL MECHANICAL EQUIPMENT BEING REMOVED FROM PROJECT.

DEMOLITION KEYED NOTES

#	
1	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
2	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
3	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
4	REMOVE EXISTING MDF/IDF UNIT, CONTROLS, AND ALL ASSOCIATED APPURTENANCES.
5	REMOVE EXISTING DUCTWORK BACK TO POINT INDICATED. PATCH AND SEAL MAIN DUCTWORK AS SPECIFIED.
6	EXISTING DUAL DUCT BOX TO REMAIN.
7	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

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281.578.9595

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6925 Portwest Drive
Suite 100
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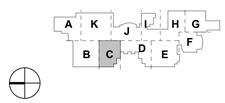
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

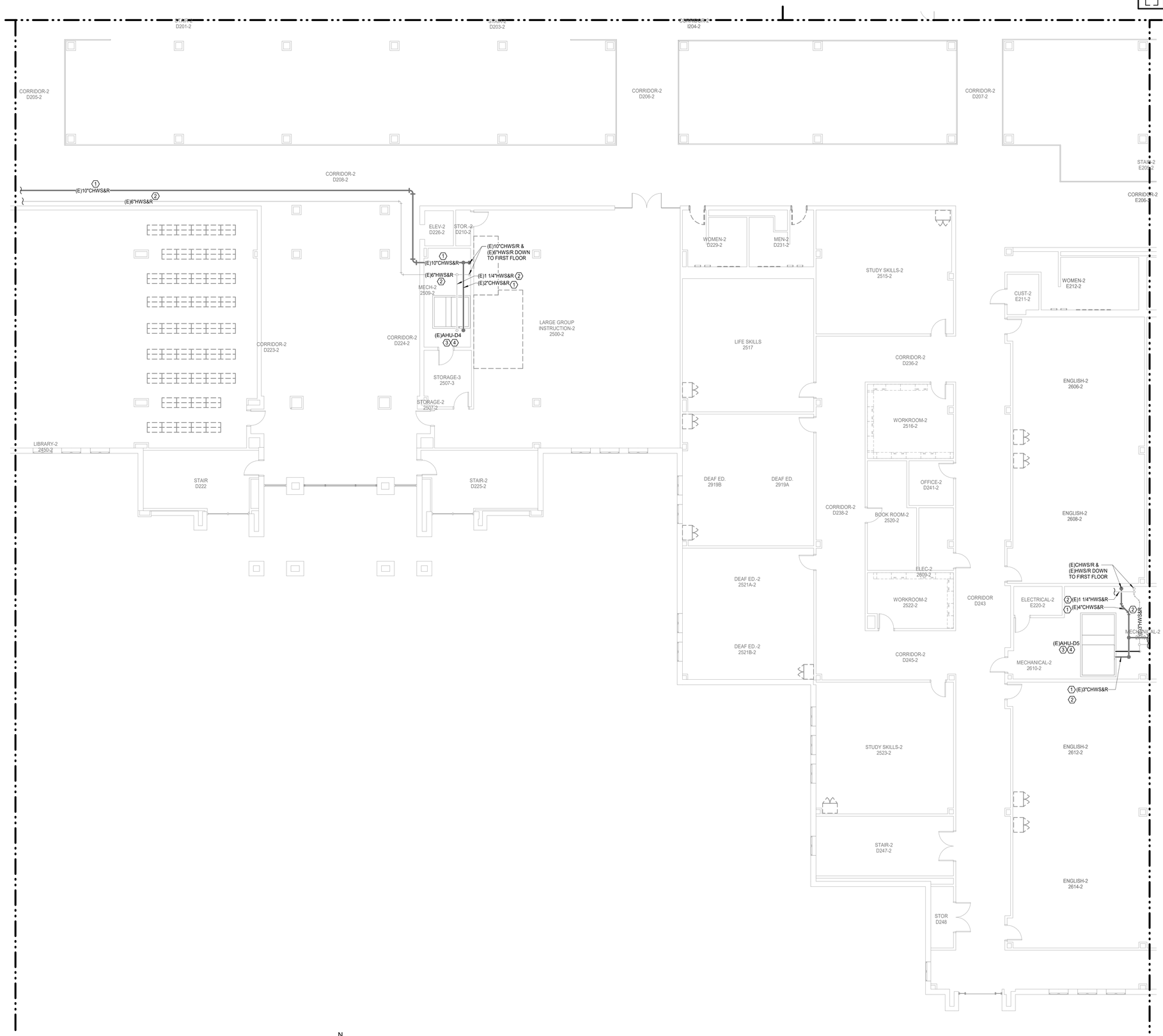
SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA C

SHEET NUMBER
M-014-C

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA D**
Scale: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. ALL EXISTING OPENINGS IN EXISTING TO REMAIN DUCTWORK NOT BEING REUSED ARE TO BE PATCHED, SEALED, AND REINSULATED.
2. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL HVAC EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT NOT LIMITED TO COOLING TOWERS, WATER COOLED CHILLERS, PUMPS, VALVES, AIR DEVICES, AND FANS.
3. THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
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6925 Portwest Drive
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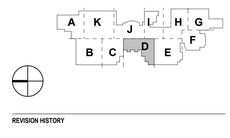
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

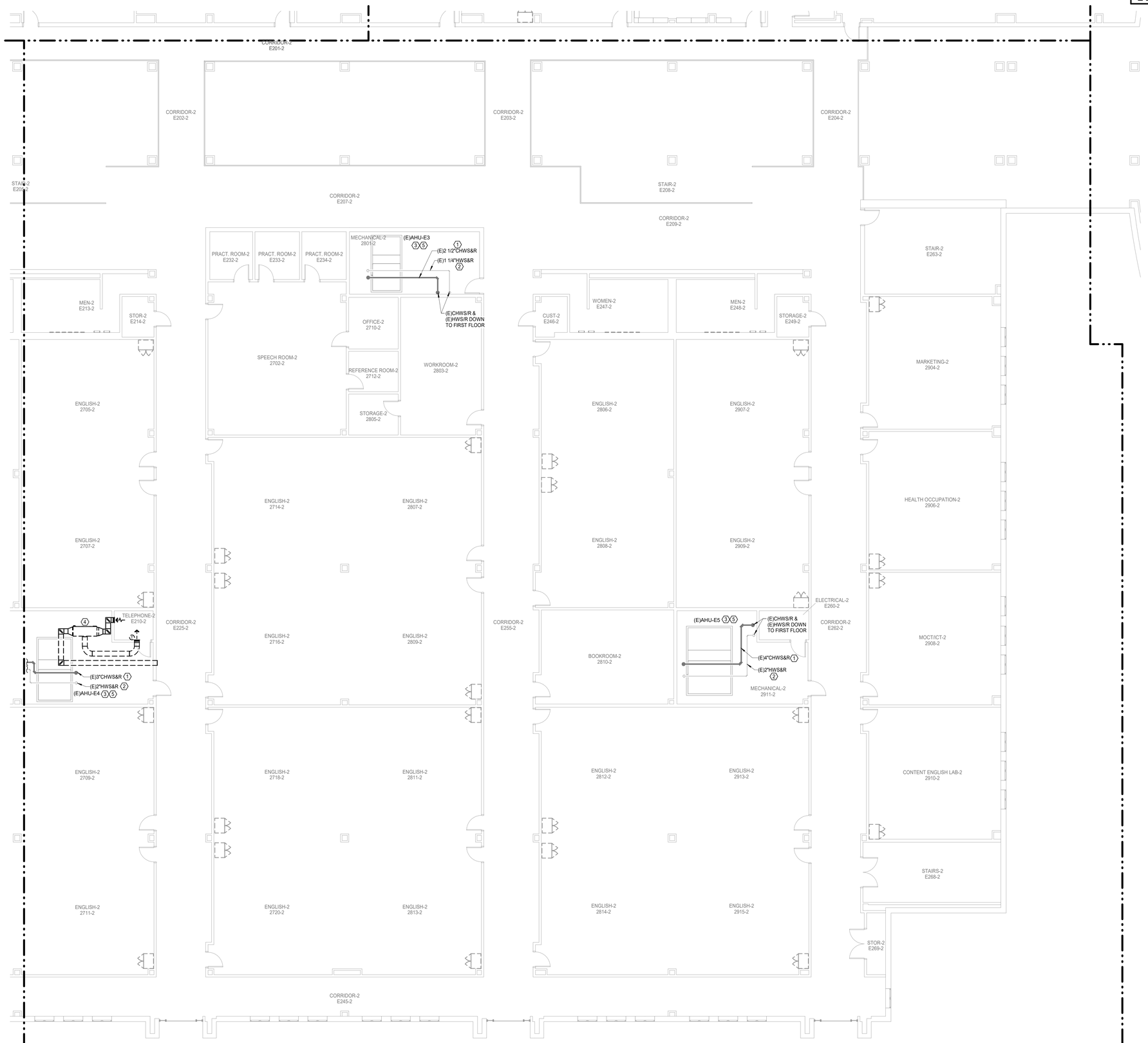
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA D

SHEET NUMBER
M-015-D



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA E**
Scale: 1/8" = 1'-0"

SYMBOL LEGEND

	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

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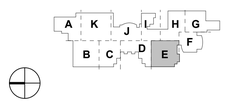
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

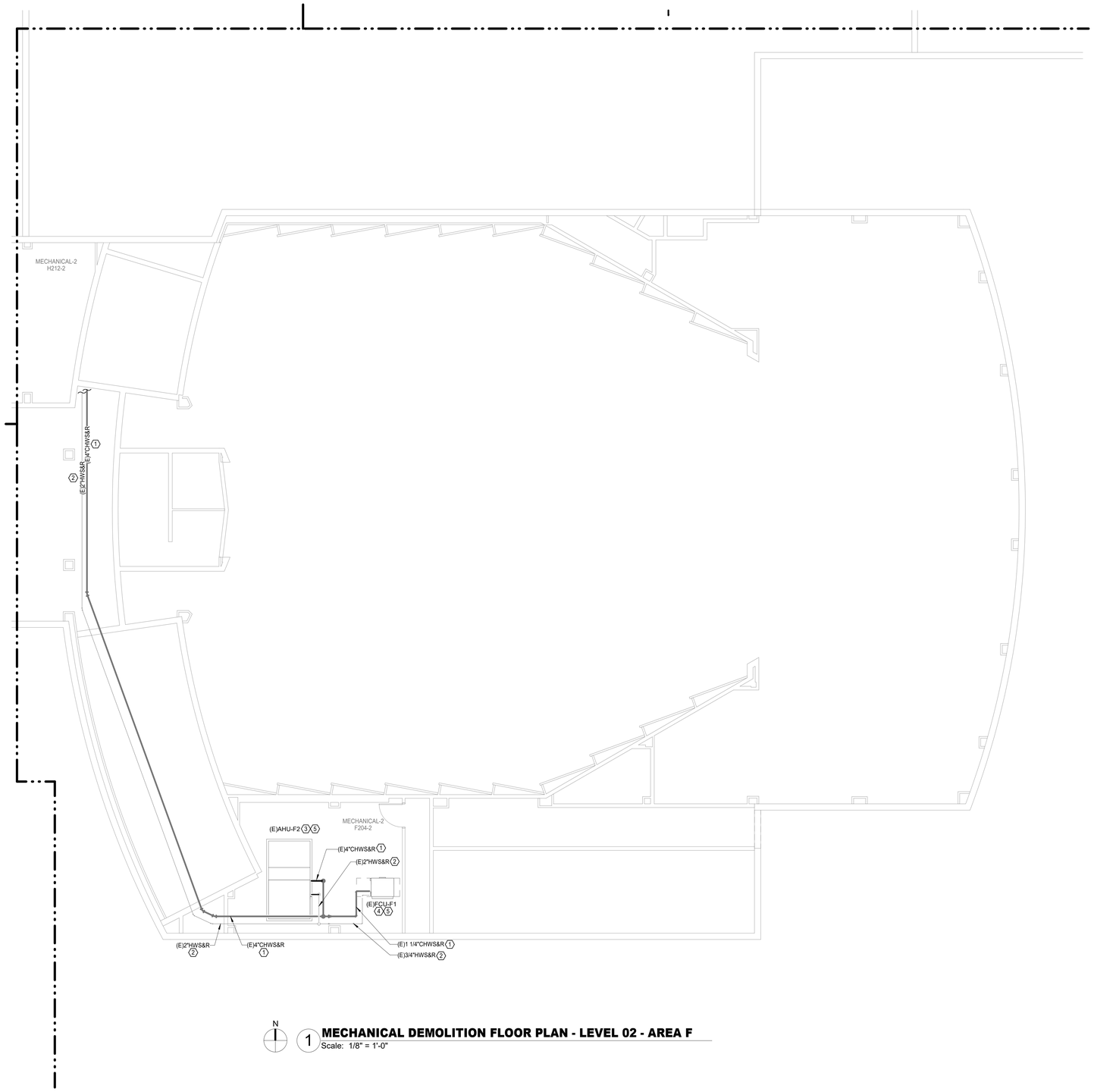
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA E

SHEET NUMBER
M-016-E



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA F**
Scale: 1/8" = 1'-0"

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

1	ALL EXISTING OPENINGS IN EXISTING TO REMAIN DUCTWORK NOT BEING REUSED ARE TO BE PATCHED, SEALED, AND REINSULATED.
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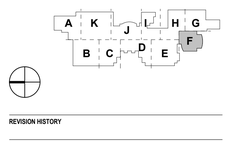
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22021	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA F

SHEET NUMBER
M-017-F

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

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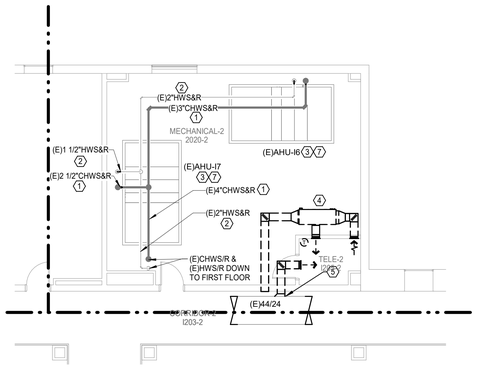
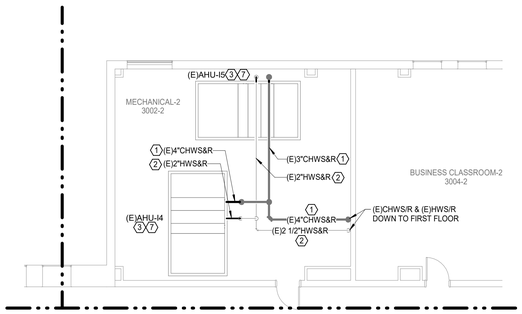


N

3 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA J**
Scale: 1/8" = 1'-0"



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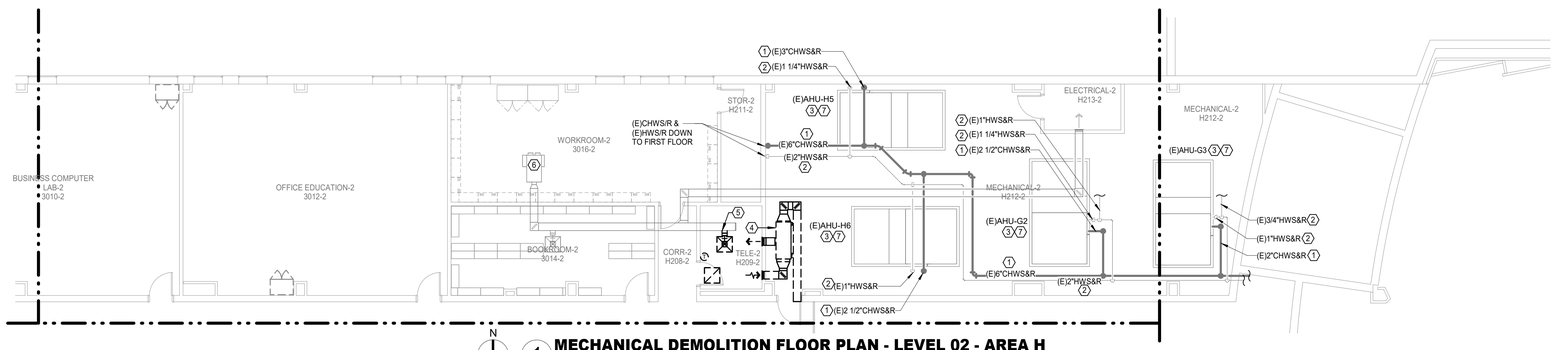
Scale: 1/8" = 1'-0"



N

1 **MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA H**
Scale: 1/8" = 1'-0"

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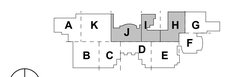
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

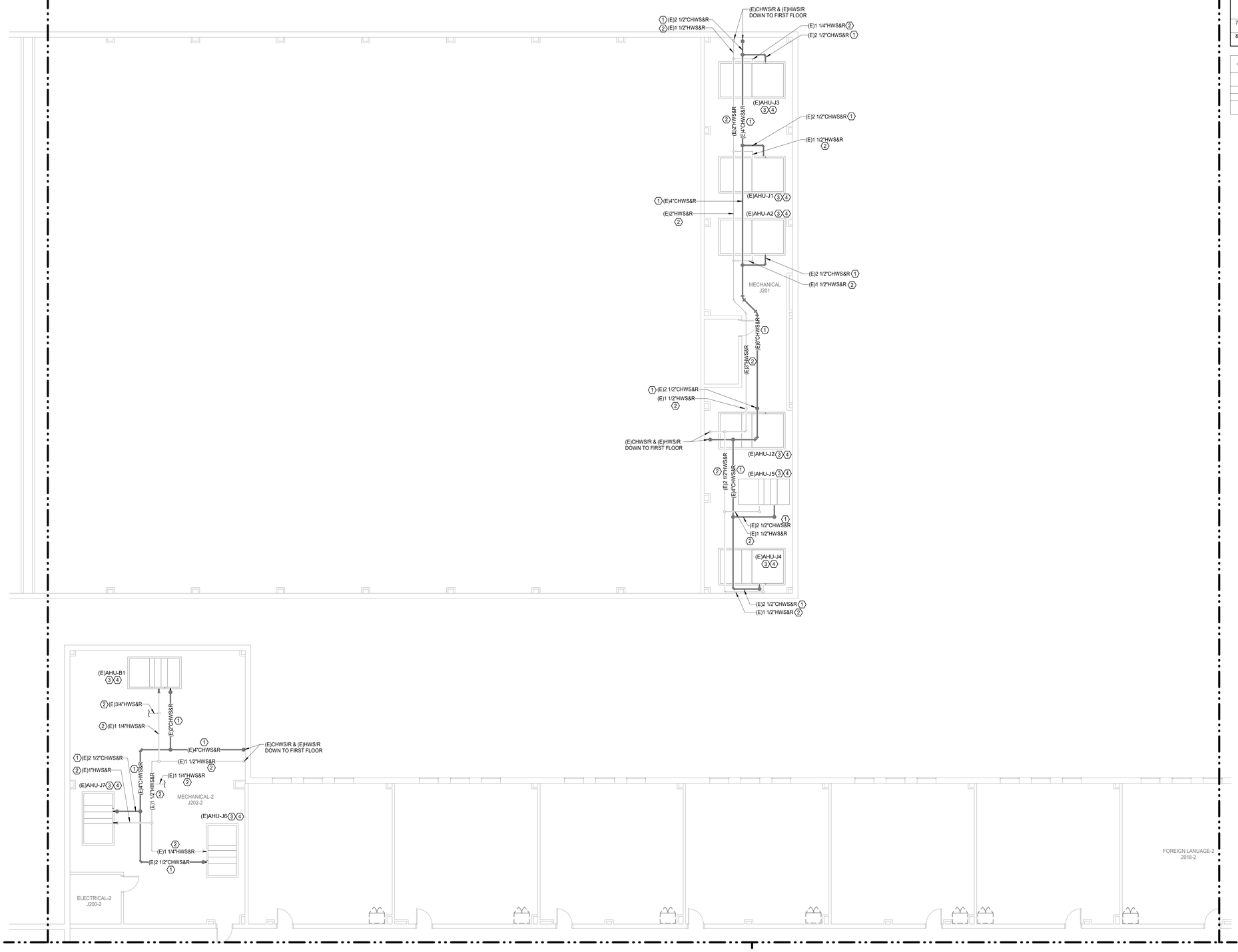
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA H, I, AND J

SHEET NUMBER
M-018-H,I,J



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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

GENERAL DEMOLITION NOTES

1	ALL EXISTING OPENINGS IN EXISTING TO REMAIN DUCTWORK NOT BEING REUSED ARE TO BE PATCHED, SEALED, AND REINSULATED.
2	OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL HVAC EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT NOT LIMITED TO COOLING TOWERS, WATER COOLED CHILLERS, PUMPS, VALVES, AIR DEVICES, AND FANS.
3	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
4	ALL MECHANICAL SYSTEMS SHOWN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO START OF WORK.
5	REMOVE ALL UNUSED OR ABANDONED HANGER AND SUPPORTS OF DEMOLISHED EQUIPMENT AND MATERIAL.
6	ALL EXISTING AIR DEVICES SHALL REMAIN AND BE SECURED FROM STRUCTURE TO FACILITATE THE EXISTING CEILING DEMOLITION. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR SHALL DOCUMENT LOCATION OF ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES. PRIOR TO CEILING BEING REMOVED.
8	CONTRACTOR SHALL UPDATE BMCS GRAPHICS FOR ALL MECHANICAL EQUIPMENT BEING REMOVED FROM PROJECT.

DEMOLITION KEYED NOTES

#	
1	REMOVE EXISTING INSULATION IN ITS ENTIRETY FOR CHILLED WATER SUPPLY AND RETURN PIPING.
2	EXISTING HOT WATER SUPPLY AND RETURN PIPING AND INSULATION TO REMAIN.
3	EXISTING AIR HANDLING UNIT AND ALL ASSOCIATED APPURTENANCES TO REMAIN.
4	REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPE INSULATION FROM MECHANICAL EQUIPMENT BACK TO MAIN.

SYMBOL LEGEND

	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

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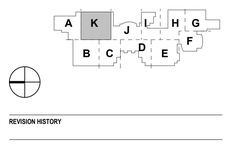
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE

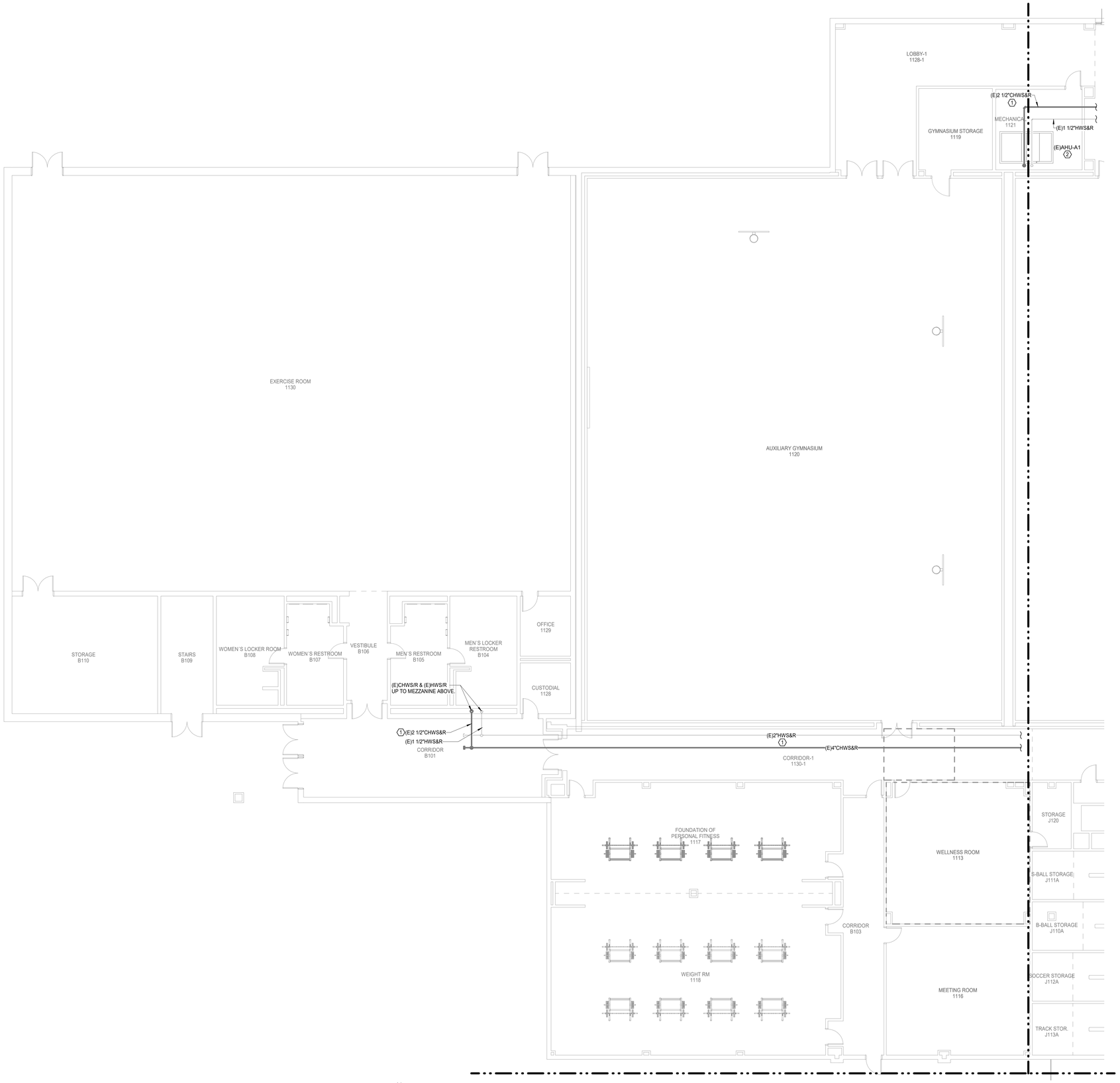
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA K

SHEET NUMBER

M-019-K



N

1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA A**
Scale: 1/8" = 1'-0"

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Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
2	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

#	
1	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
2	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING: THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

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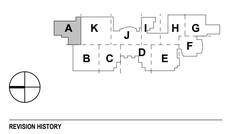
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

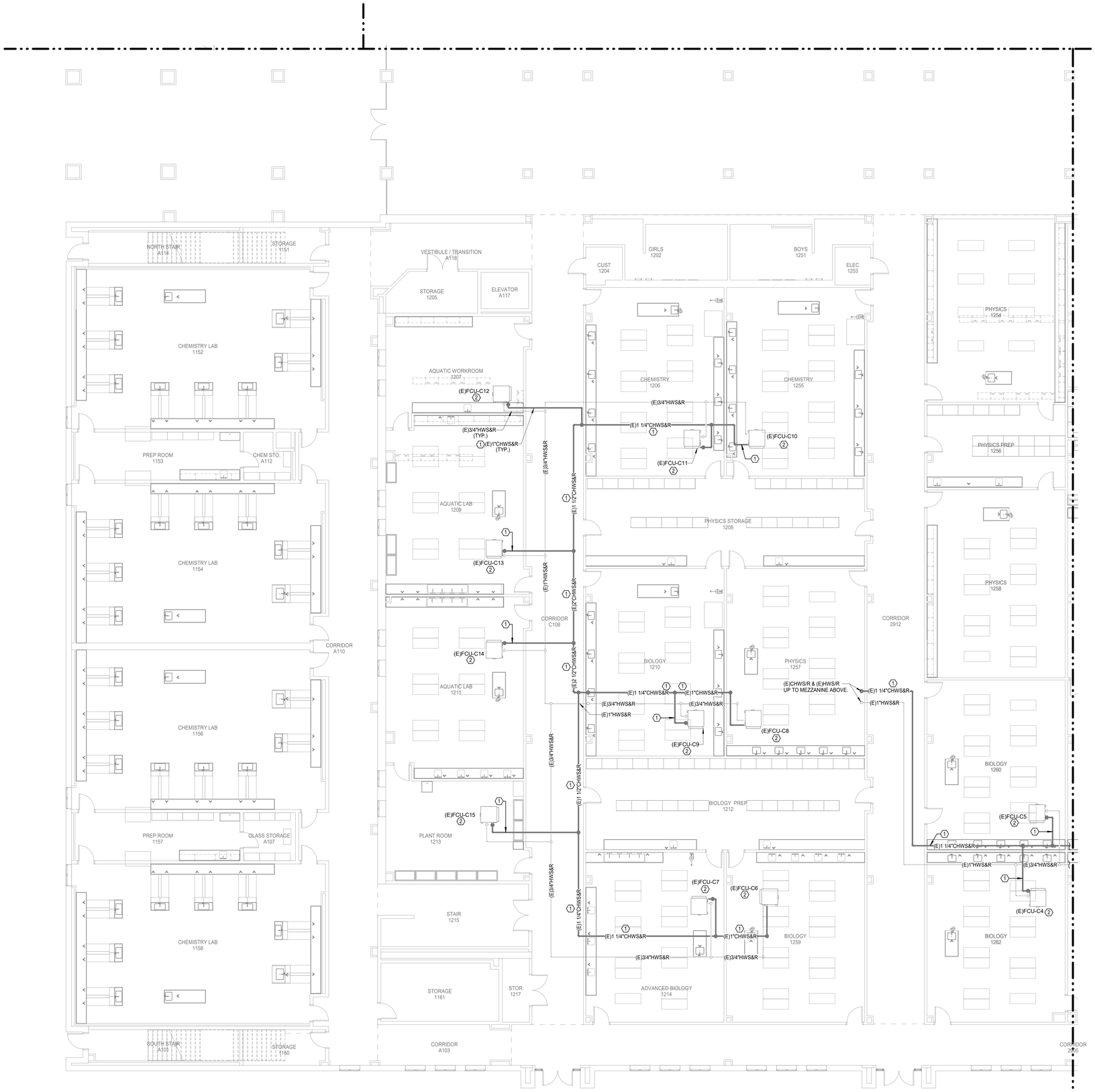
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 1 - AREA A

SHEET NUMBER
M-201-A



N

1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA B**
Scale: 1/8" = 1'-0"

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
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6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

#	
1	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
2	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

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Registration: F-4111
Project No: 2023-05942-00

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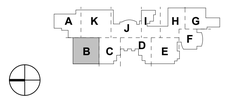
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

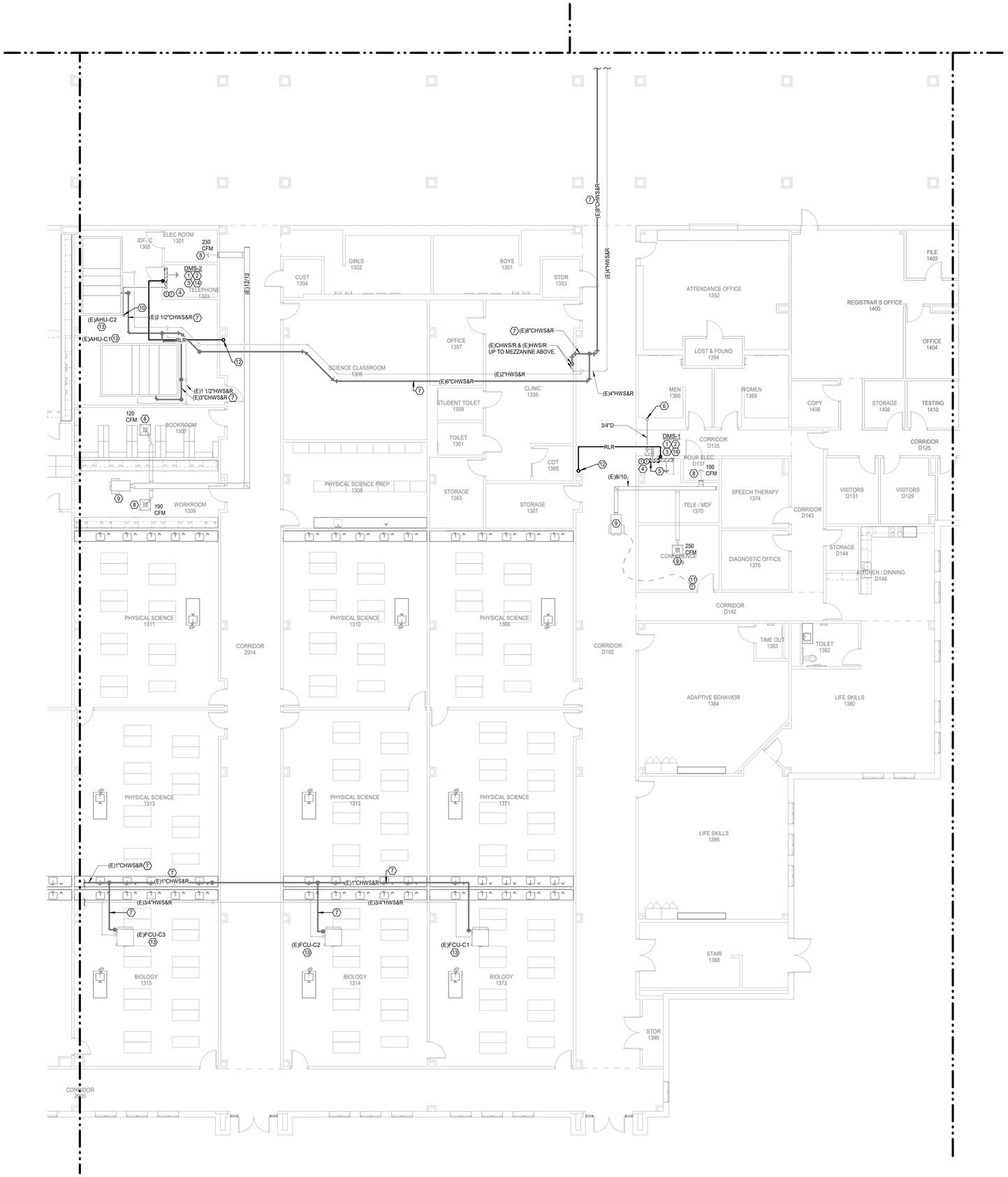
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 1 - AREA B

SHEET NUMBER
M-202-B



N

1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA C**
Scale: 1/8" = 1'-0"

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Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
2	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

#	
1	VERIFY SERVICE CLEARANCES WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADE NOT TO OBSTRUCT.
2	ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS INDICATED. INSTALL CONDENSATE DRAIN TRAP AT UNIT AS RECOMMENDED BY MANUFACTURER.
3	ROUTE REFRIGERANT LINES TO ASSOCIATED CONDENSING UNIT ON ROOF. REFER TO MANUFACTURER FOR PIPE SIZES.
4	PROVIDE TEMPERATURE SENSOR FOR BMCS.
5	CONDENSATE PUMP TO BE MOUNTED BELOW HIGHWALL UNIT. INSTALL PER MANUFACTURER INSTALLATION INSTRUCTIONS. ROUTE CONDENSATE PIPE FROM INDOOR UNIT TO CONDENSATE PUMP. REFER TO DUCTLESS MINI-SPLIT INDOOR UNIT SCHEDULE FOR CONDENSATE PUMP INFORMATION.
6	ROUTE FULL SIZE CONDENSATE DRAIN PIPE DOWN WALL TO WYE TAIL PIECE. REFER TO PLUMBING.
7	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
8	REBALANCE EXISTING AIR DEVICE TO CFM INDICATED.
9	REBALANCE EXISTING DUAL DUCT BOX TO CFM INDICATED. HEATING CFM SHALL BE 60% OF COOLING CFM INDICATED ON DRAWINGS.
10	ROUTE FULL SIZE CONDENSATE DRAIN PIPE DOWN AT EXISTING CONCRETE PAD AND TO EXISTING FLOOR DRAIN.
11	PROVIDE NEW DDC TEMPERATURE SENSOR AND CONTROL WIRING. REFER TO SPECIFICATIONS FOR MORE INFORMATION. NO EXISTING CONTROL WIRE SHALL BE REUSED.
12	ROUTE REFRIGERANT PIPING UP TO SECOND FLOOR.
13	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
14	BOTTOM OF HIGH WALL UNIT SHALL BE MOUNTED ABOVE 7'-3" A.F.F.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

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LANDSCAPE/IRRIGATION
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6925 Portwest Drive
Suite 100
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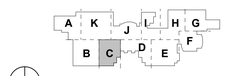
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

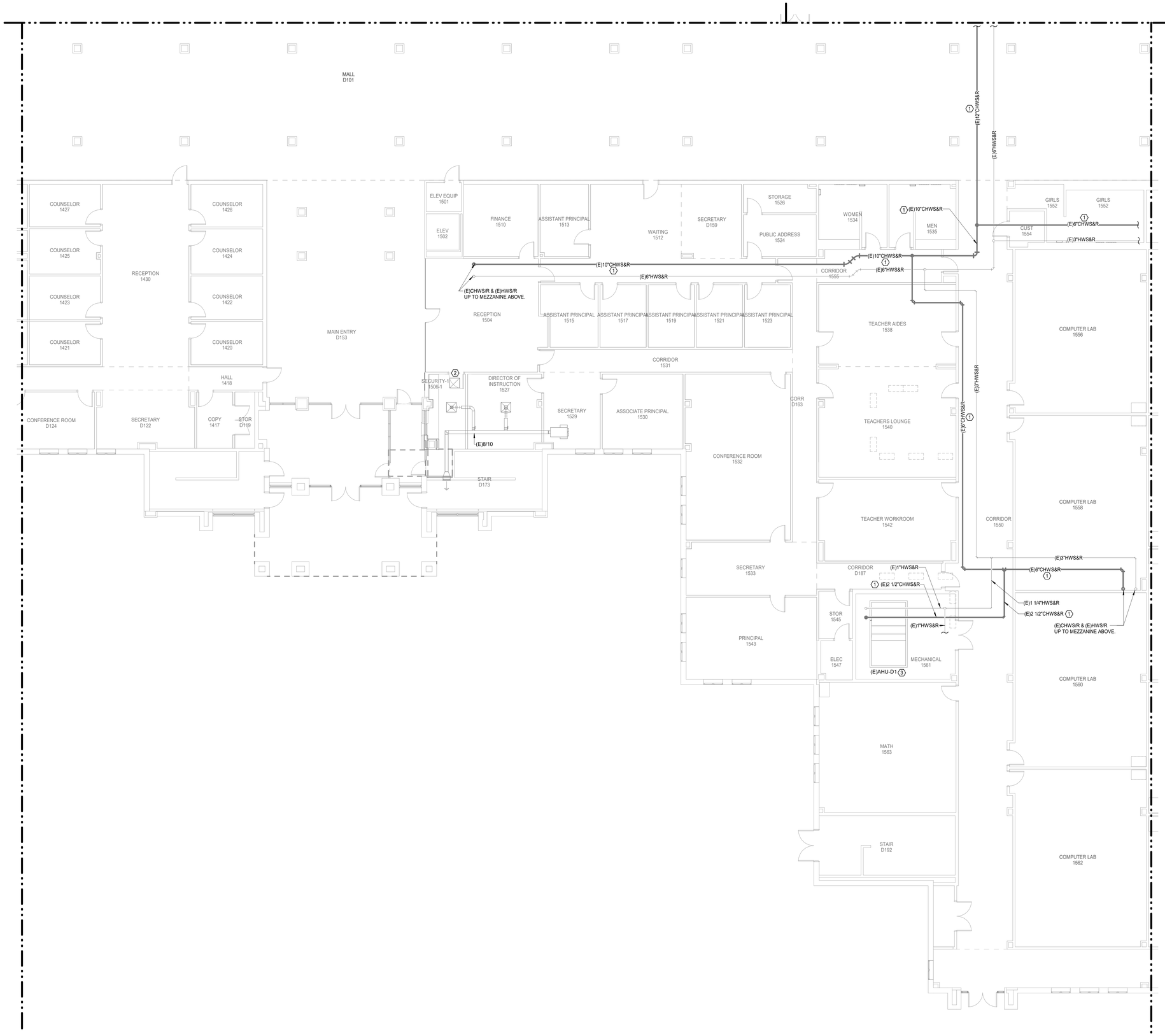
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 1 - AREA C

SHEET NUMBER
M-203-C



N

1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA D**
Scale: 1/8" = 1'-0"

Salas O'Brien
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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
2	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

#	
1	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
2	NEW LOCATION OF EXISTING GRILLE.
3	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

PIPE INSULATION SHALL BE INSTALLED ON CLEAN AND DRY SURFACES ONLY. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING INSULATION AND RE-INSULATION OF EXISTING CHILLED WATER PIPING WITH OWNER, ARCHITECT AND ENGINEER PRIOR TO STARTING WORK TO ENSURE ANY REQUIRED CHILLED WATER SHUTDOWNS ARE SCHEDULE AND ACCEPTABLE TO ALL PARTIES.

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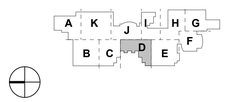


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

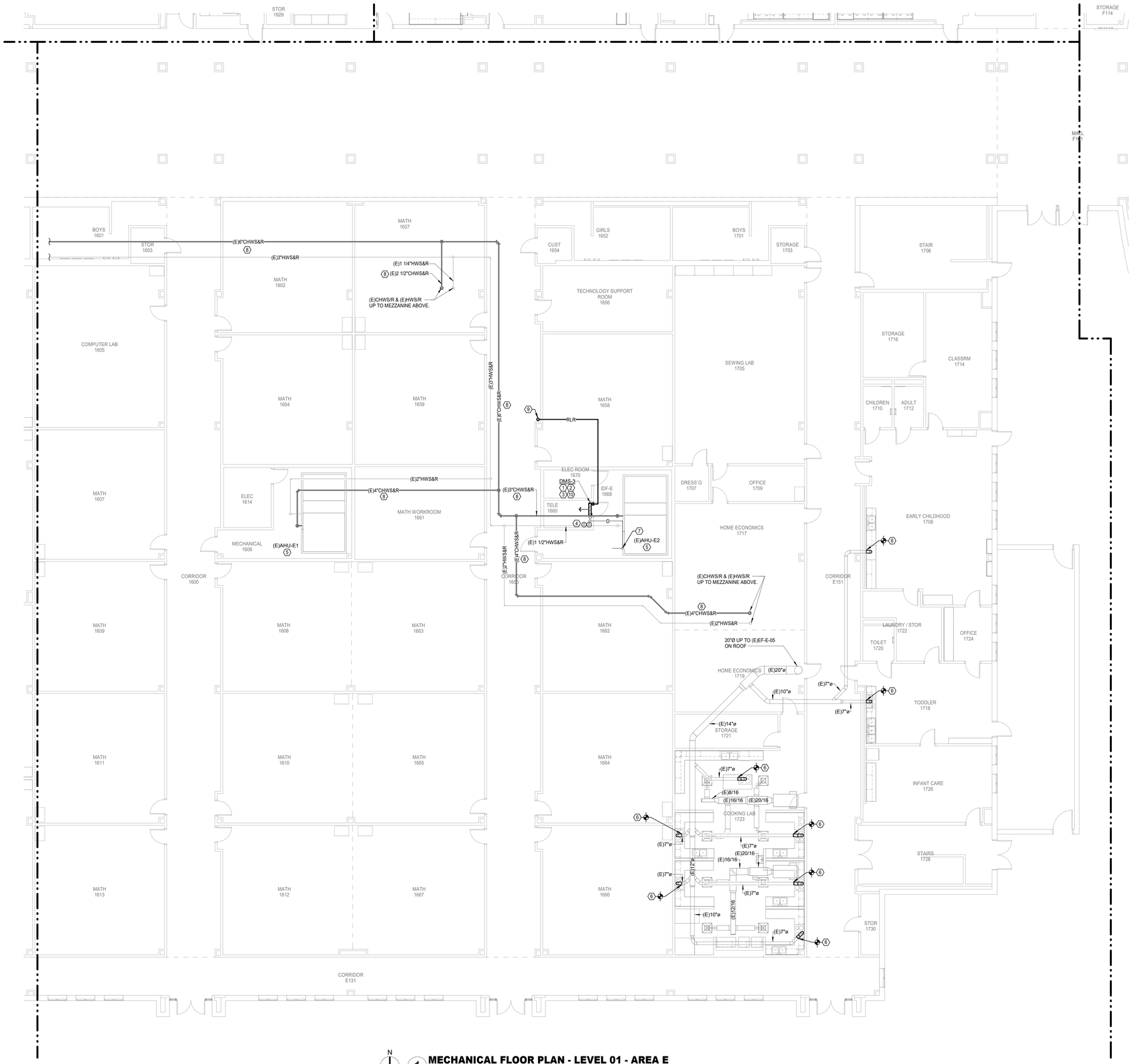
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 1 - AREA D

SHEET NUMBER
M-204-D



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1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA E**
Scale: 1/8" = 1'-0"

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
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4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
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MECHANICAL KEYED NOTES

#	
1	VERIFY SERVICE CLEARANCES WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADE NOT TO OBSTRUCT.
2	ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS INDICATED. INSTALL CONDENSATE DRAIN TRAP AT UNIT AS RECOMMENDED BY MANUFACTURER.
3	ROUTE REFRIGERANT LINES TO ASSOCIATED CONDENSING UNIT ON ROOF. REFER TO MANUFACTURER FOR PIPE SIZES.
4	PROVIDE TEMPERATURE SENSOR FOR BMCS.
5	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
6	CONNECT TO EXISTING DUCTWORK AS INDICATED.
7	ROUTE FULL SIZE CONDENSATE DRAIN PIPE DOWN AT EXISTING CONCRETE PAD AND TO EXISTING FLOOR DRAIN.
8	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
9	ROUTE REFRIGERANT PIPING UP TO SECOND FLOOR.
10	BOTTOM OF HIGH WALL UNIT SHALL BE MOUNTED ABOVE 7'-3" A.F.F.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

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Registration: F-4111
Project No: 2023-05942-00

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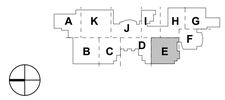
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE

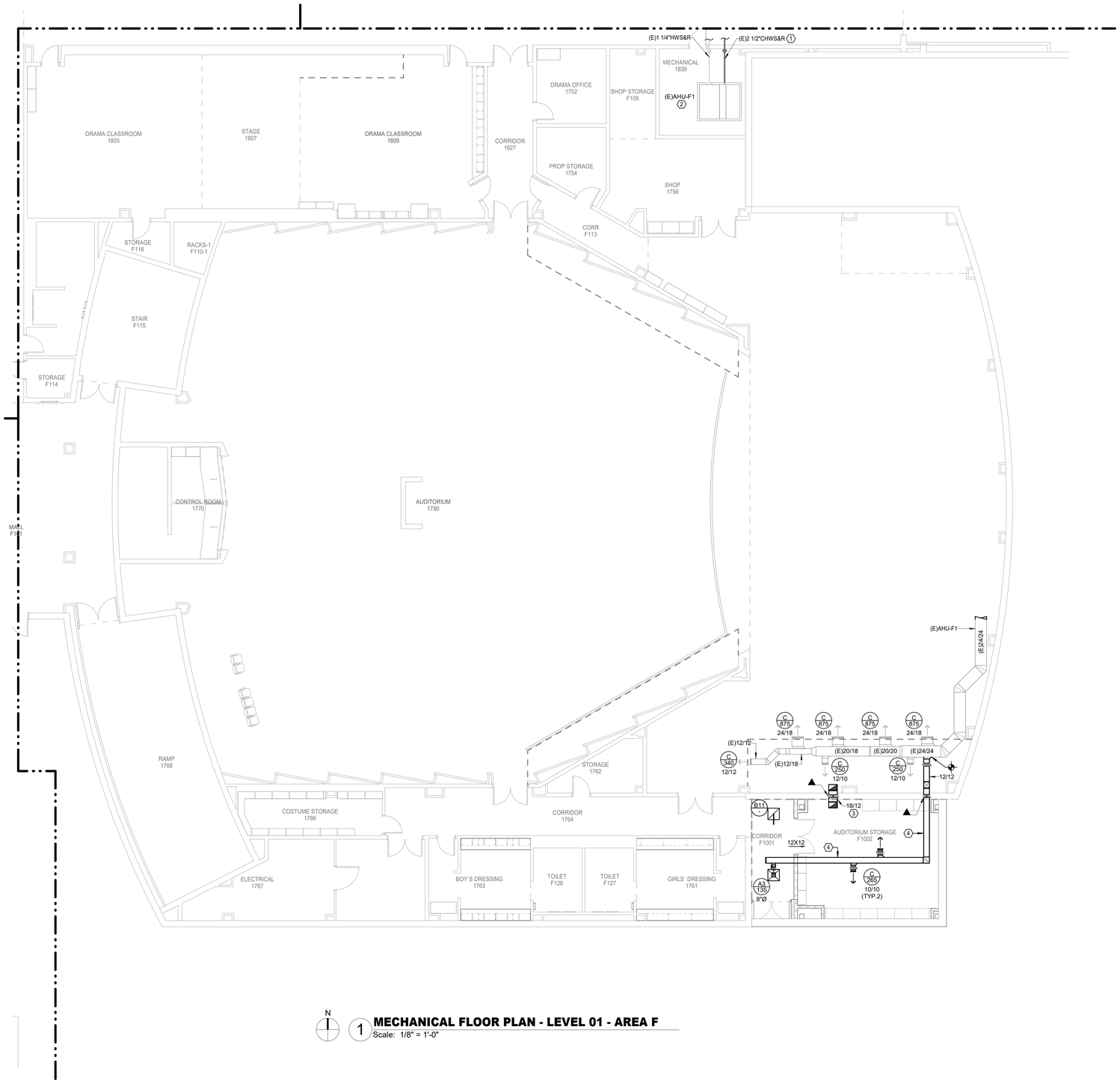
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

MECHANICAL FLOOR PLAN - LEVEL 1 - AREA E

SHEET NUMBER

M-205-E



N

1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA F**
Scale: 1/8" = 1'-0"

Salas O'Brien
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Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
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MECHANICAL KEYED NOTES

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2	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
3	INTERNALLY LINED RETURN AIR PATH. PROVIDE DUCTWORK WITH AT LEAST TWO ELBOWS. ELBOWS SHALL ELBOW UP NOT DOWN.
4	FOR EXPOSED DUCTWORK PROVIDE DOUBLE WALL ACOUSTIAL INSULATION. COLOR BY ARCHITECT.

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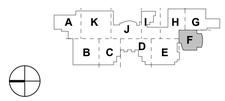

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 1 - AREA F

SHEET NUMBER
M-206-F

Salas O'Brien
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Registration: F-4111
Project No: 2023-05942-00

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2	ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS INDICATED. INSTALL CONDENSATE DRAIN TRAP AT UNIT AS RECOMMENDED BY MANUFACTURER.
3	ROUTE REFRIGERANT LINES TO ASSOCIATED CONDENSING UNIT ON ROOF. REFER TO MANUFACTURER FOR PIPE SIZES.
4	PROVIDE TEMPERATURE SENSOR FOR BMCS.
5	AIR COOLED CONDENSING UNIT SHALL BE MOUNTED ON ROOF AT LOCATION SHOWN. REFER TO MANUFACTURER FOR REFRIGERANT PIPE SIZES, AIRFLOW CLEARANCES, AND MAINTENANCE CLEARANCES. CONDENSING UNIT SHALL BE MOUNTED TO ROOF MOUNTED BRACKET. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR MORE INFORMATION. ROUTE REFRIGERANT PIPING THROUGH PIPE HOUSING SHOWN. PROVIDE ROOF PIPE SUPPORTS AS SPECIFIED.
6	PROVIDE NEW PIPE HOUSING. REFER TO DETAILS. PIPE HOUSING SHALL NOT BE INSTALLED OVER MDF/IDF.
7	PROVIDE PHP MODEL PP-10 ON ROOF WITH ROLLER AND FULLY ADJUSTABLE HEIGHT THROUGHOUT PIPE RUN EVERY 6'-0" ON CENTER AND EVERY CHANGE IN DIRECTION.
8	ROUTE FULL SIZE CONDENSATE DRAIN PIPE DOWN WALL TO EXISTING FLOOR DRAIN.
9	CONDENSATE PUMP TO BE MOUNTED BELOW HIGHWALL UNIT. INSTALL PER MANUFACTURER INSTALLATION INSTRUCTIONS. ROUTE CONDENSATE PIPE FROM INDOOR UNIT TO CONDENSATE PUMP. REFER TO DUCTLESS MINI-SPLIT INDOOR UNIT SCHEDULE FOR CONDENSATE PUMP INFORMATION.
10	ROUTE EXHAUST AIR DUCTWORK UP TO FAN ON ROOF. TRANSITION DUCTWORK TO CONNECT TO FAN OPENING.
11	ROUTE KILN ALUMINUM DUCTWORK DOWN ALONG WALL TO 24" A.F.F FOR CONNECTION TO KILN FUME FAN. REFER TO DETAIL.
12	MOUNT KILN FAN TO WALL. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
13	KILN VENTILATION SHALL BE ENVIROVENT 2 BY SKUTT. PROVIDE KILN WITH ENVIROLINK CONTROLLER AND ALL WIRES WITH SUFFICIENT LENGTH TO MAKE ALL CONNECTIONS AS PER MANUFACTURER RECOMMENDATIONS.
14	ROUTE FAN DISCHARGE DUCT AS SHOW UP TO GOOSENECK ON ROOF. REFER TO GOOSENECK DETAIL.
15	PROVIDE ALUMINUM FLEX TO CONNECT KILN ALUMINUM DUCT WITH KILN FAN.
16	THERMOSTAT SHALL BE SET TO 80°F (ADJUSTABLE).
17	PROVIDE HEAT DETECTOR, INTERLOCK WITH KILN TO SHUT OFF POWER SOURCE AT 135 F(ADJUSTABLE) MOUNT HEAT DETECTOR ON CEILING AT LOCATION SHOWN.
18	COLD AIR DUCTWORK.
19	HOT AIR DUCTWORK.
20	HATCHED DUCTWORK SHALL BE INTERNALLY LINED. INTERNALLY LINED DUCTWORK SHALL BE THE FIRST 25 FEET OFF THE AIR HANDLING UNIT. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
21	NEW LOCATION OF EXISTING GRILLE.
22	INTERNALLY LINED RETURN AIR PATH. PROVIDE DUCTWORK WITH AT LEAST TWO ELBOWS.
23	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
24	PROVIDE DUCT SILENCER AT LOCATION SHOWN. REFER TO SCHEDULE.
25	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
26	TEMPERATURE SENSOR SHALL WORK WITH OTHER SENSOR IN SPACE TO MAINTAIN SPACE TEMPERATURE.
27	BOTTOM OF HIGH WALL UNIT SHALL BE MOUNTED ABOVE 7'-3" A.F.F.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING: THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

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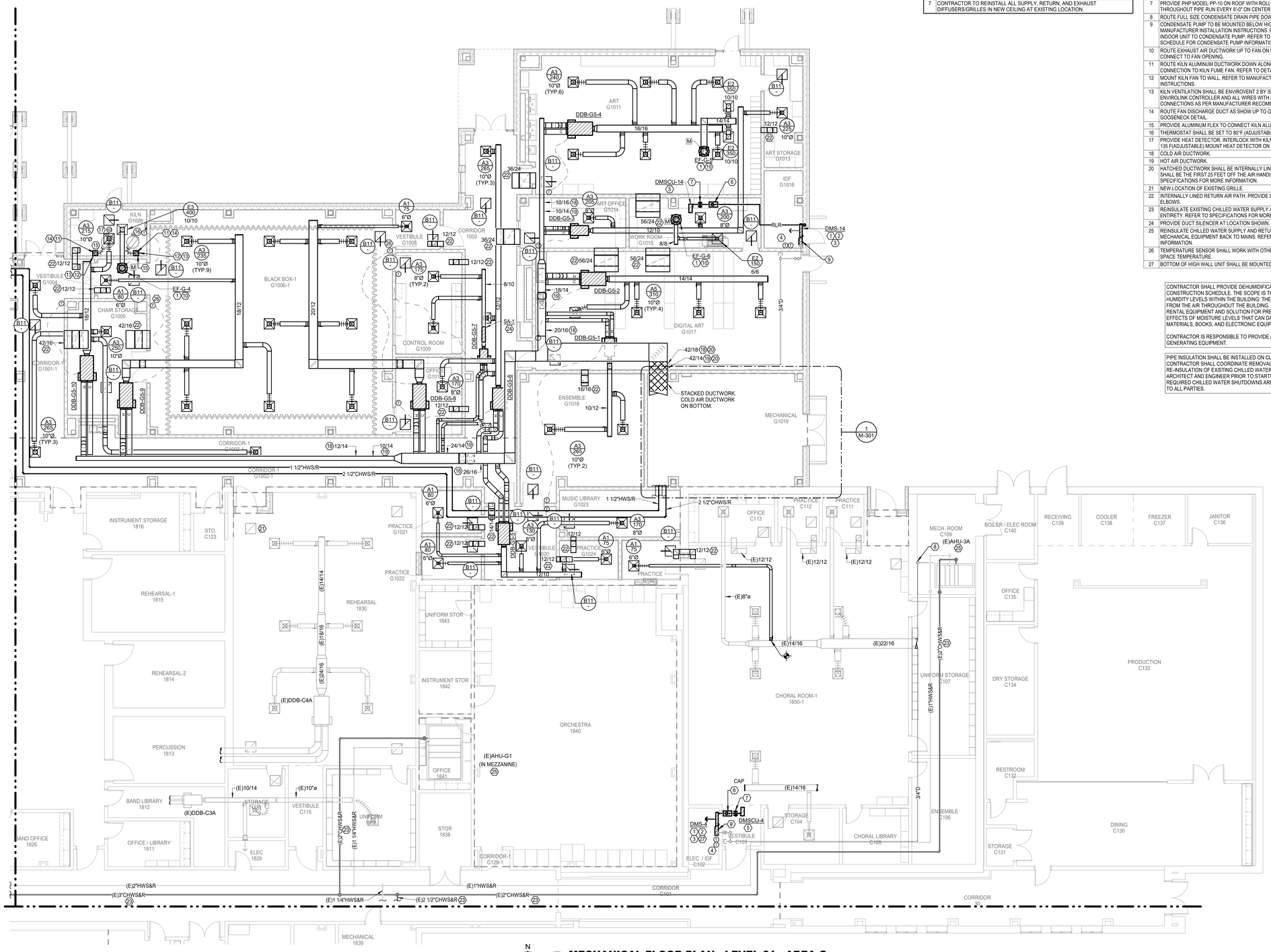

N

1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA G**
Scale: 1/8" = 1'-0"

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Harrison Kornberg Architects
3800 Buffalo Speedway. Suite 550
Houston, TX 77098
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TEL 713 229 0688
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CONSULTANT TEAM

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Daily + Associates
9800 Richmond Avenue
Suite 460
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713.337.8881

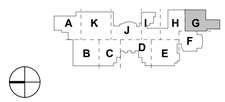
MEP & AV/THEATRICAL ENGINEER
Salas O'Brien
10930 W Sam Houston Pkwy N
Suite 900
Houston, TX 77064
281.664.1900

CIVIL ENGINEER
Brooks & Sparks Inc.
21020 Park Row Dr.
Katy, Texas 77449

281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
Houston, TX 77024
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS 80219 LICENSED STATE OF TEXAS
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

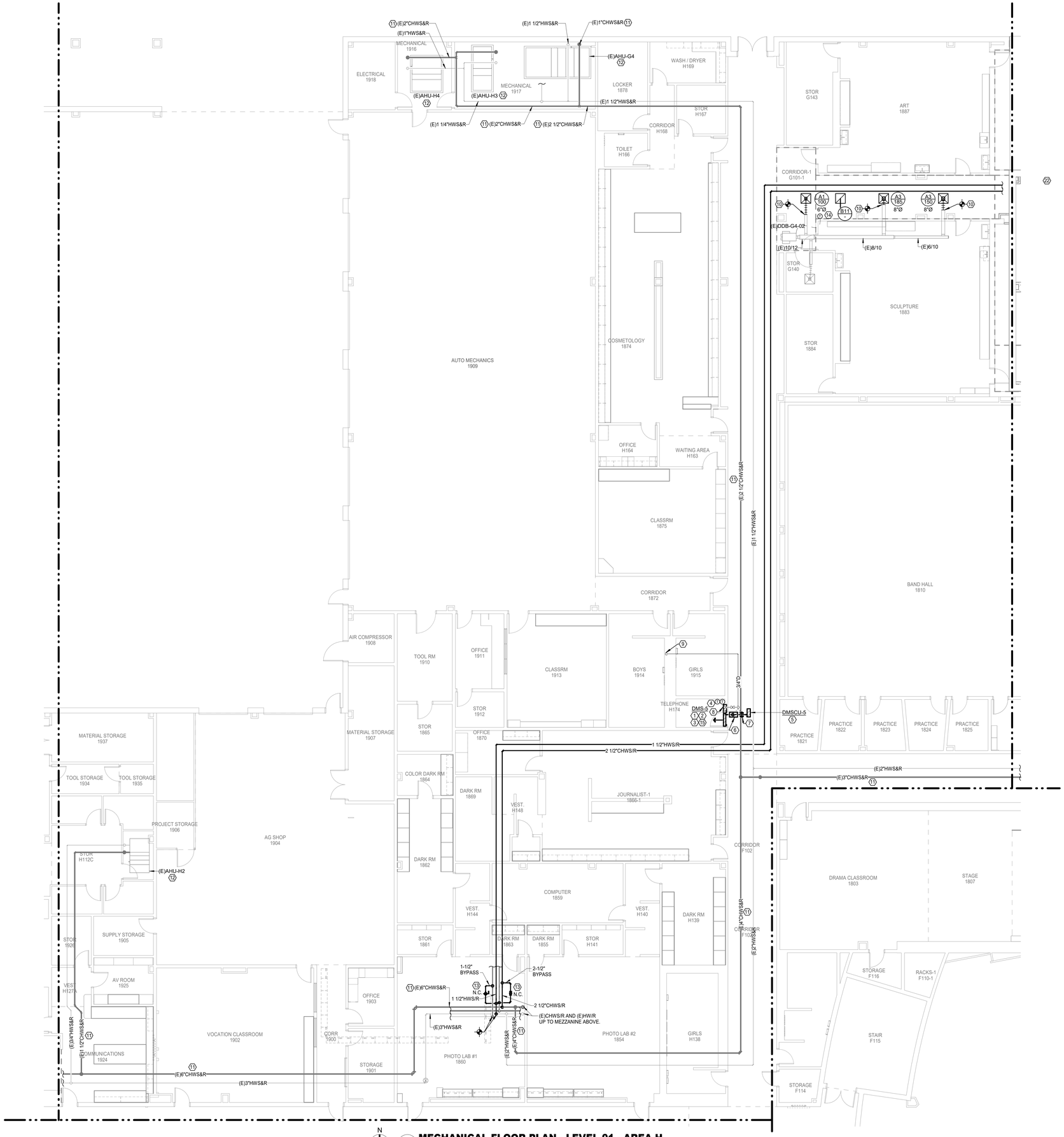
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 1 - AREA G

SHEET NUMBER
M-207-G



1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA H**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
2	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

#	
1	VERIFY SERVICE CLEARANCES WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADE NOT TO OBSTRUCT.
2	ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS INDICATED. INSTALL CONDENSATE DRAIN TRAP AT UNIT AS RECOMMENDED BY MANUFACTURER.
3	ROUTE REFRIGERANT LINES TO ASSOCIATED CONDENSING UNIT ON ROOF. REFER TO MANUFACTURER FOR PIPE SIZES.
4	PROVIDE TEMPERATURE SENSOR FOR BMCS.
5	AIR COOLED CONDENSING UNIT SHALL BE MOUNTED ON ROOF AT LOCATION SHOWN. REFER TO MANUFACTURER FOR REFRIGERANT PIPE SIZES, AIRFLOW CLEARANCES, AND MAINTENANCE CLEARANCES. CONDENSING UNIT SHALL BE MOUNTED TO ROOF MOUNTED BRACKET. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR MORE INFORMATION. ROUTE REFRIGERANT PIPING THROUGH PIPE HOUSING SHOWN. PROVIDE ROOF PIPE SUPPORTS AS SPECIFIED.
6	PROVIDE NEW PIPE HOUSING. REFER TO DETAILS. PIPE HOUSING SHALL NOT BE INSTALLED OVER MDF/IDF.
7	PROVIDE PHP MODEL PP-10 ON ROOF WITH ROLLER AND FULLY ADJUSTABLE HEIGHT THROUGHOUT PIPE RUN EVERY 6'-0" ON CENTER AND EVERY CHANGE IN DIRECTION.
8	CONDENSATE PUMP TO BE MOUNTED BELOW HIGHWALL UNIT. INSTALL PER MANUFACTURER INSTALLATION INSTRUCTIONS. ROUTE CONDENSATE PIPE FROM INDOOR UNIT TO CONDENSATE PUMP. REFER TO DUCTLESS MINI-SPLIT INDOOR UNIT SCHEDULE FOR CONDENSATE PUMP INFORMATION.
9	ROUTE FULL SIZE CONDENSATE DRAIN PIPE DOWN WALL TO WYE TAIL PIECE. REFER TO PLUMBING.
10	CONNECT TO EXISTING DUCTWORK AS INDICATED.
11	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
12	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
13	PROVIDE NEW BYPASS PIPING AND VALVES AS SHOWN TO ALLOW FOR ISOLATING THE NEW PIPING FROM THE EXISTING HYDRONIC LOOPS. TESTING, FLUSHING, AND TREATEMENT OF NEW PIPING SHALL BE PERFORMED PRIOR TO OPENING THE NEW PIPING TO THE EXISTING HYDRONIC LOOPS. PURGERITE OR COMPARABLE COMPANY SHALL PROVIDE ASSISTANCE TO THE MECHANICAL CONTRACTOR TO CONFIRM FLUSHING AND CLEANING AT DESIGN SYSTEM FLOW RATES. CHEMICAL TREATEMENT MANUFACTURER SHALL TEST WATER TO CONFIRM COMPLIANCE OF FLUSHING AND TREATMENT OF WATER PRIOR TO OPENING THE NEW PIPING VALVES TO THE EXISTING HYDRONIC LOOP.
14	PROVIDE NEW DDC TEMPERATURE SENSOR AND CONTROL WIRING. REFER TO SPECIFICATIONS FOR MORE INFORMATION. NO EXISTING CONTROL WIRE SHALL BE REUSED.
15	BOTTOM OF HIGH WALL UNIT SHALL BE MOUNTED ABOVE 7'-3" A.F.F.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING: THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

PIPE INSULATION SHALL BE INSTALLED ON CLEAN AND DRY SURFACES ONLY. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING INSULATION AND RE-INSULATION OF EXISTING CHILLED WATER PIPING WITH OWNER, ARCHITECT AND ENGINEER PRIOR TO STARTING WORK TO ENSURE ANY REQUIRED CHILLED WATER SHUTDOWNS ARE SCHEDULE AND ACCEPTABLE TO ALL PARTIES.

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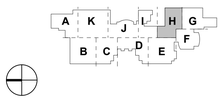
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

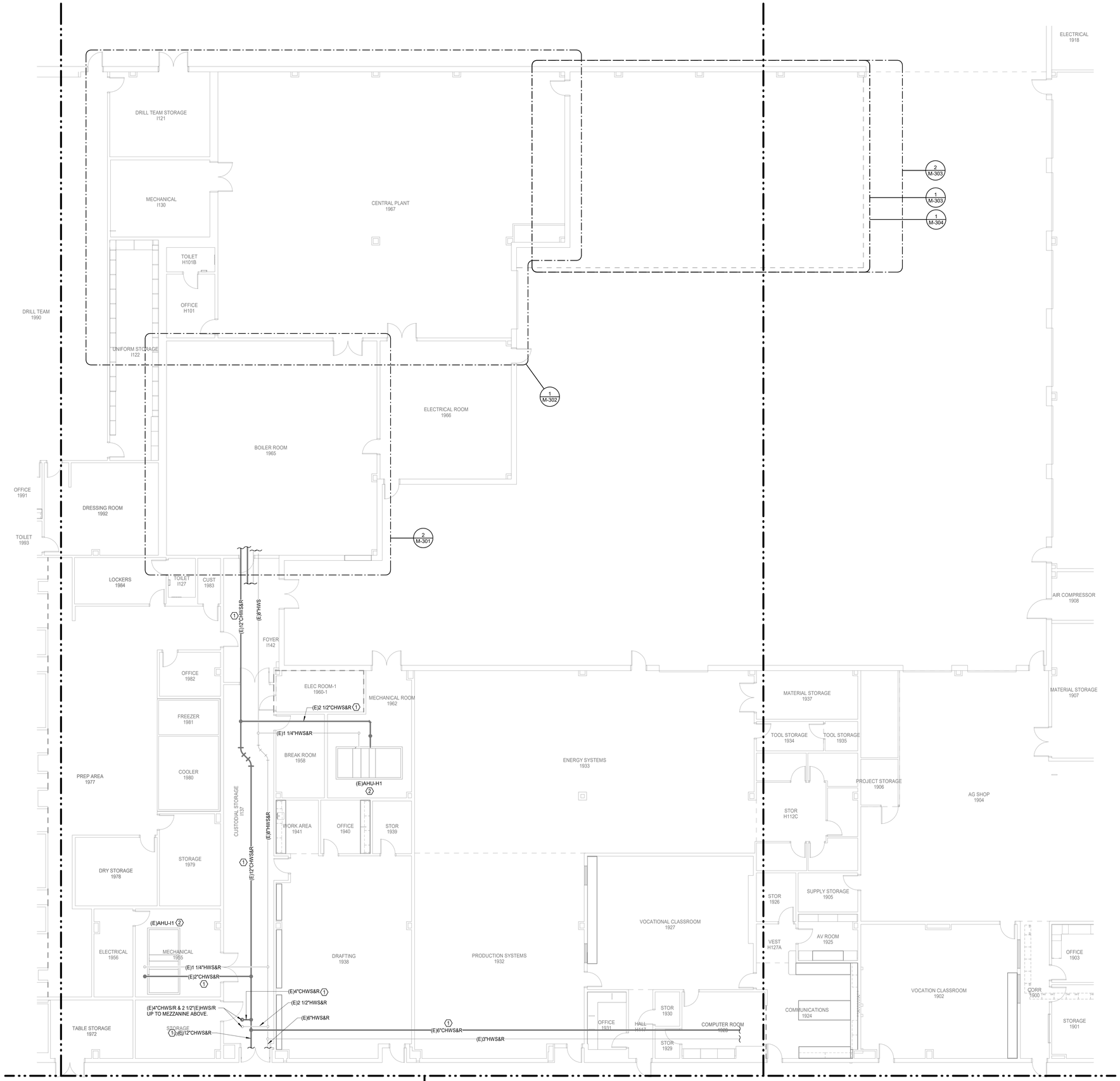
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 1 - AREA H

SHEET NUMBER
M-208-H



N

1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA I**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
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4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
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7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

(#)	
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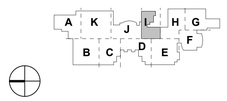


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

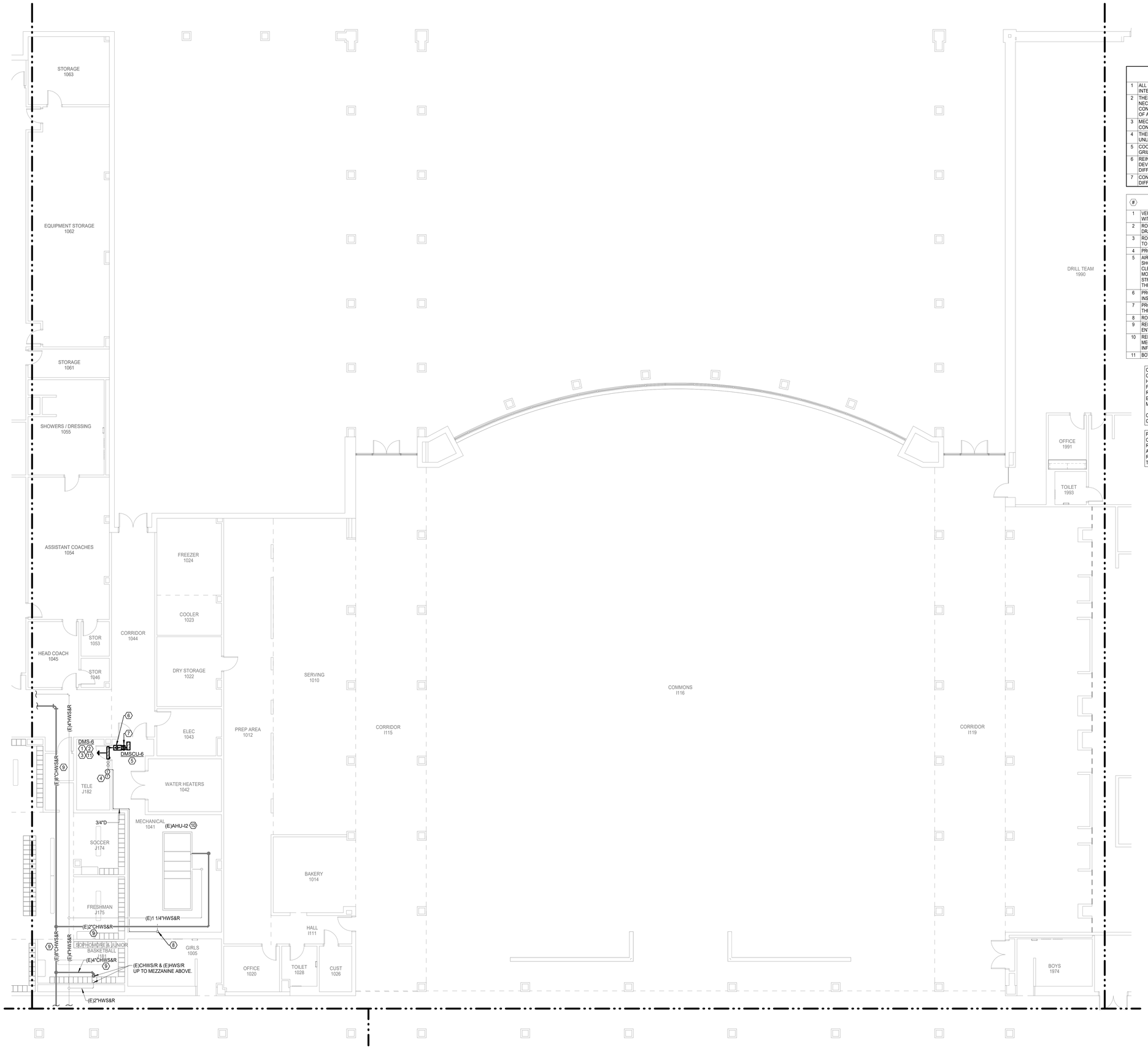
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 1 - AREA I

SHEET NUMBER
M-209-I



N

1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA J**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
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4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
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7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

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3	ROUTE REFRIGERANT LINES TO ASSOCIATED CONDENSING UNIT ON ROOF. REFER TO MANUFACTURER FOR PIPE SIZES.
4	PROVIDE TEMPERATURE SENSOR FOR BMCS.
5	AIR COOLED CONDENSING UNIT SHALL BE MOUNTED ON ROOF AT LOCATION SHOWN. REFER TO MANUFACTURER FOR REFRIGERANT PIPE SIZES, AIRFLOW CLEARANCES, AND MAINTENANCE CLEARANCES. CONDENSING UNIT SHALL BE MOUNTED TO ROOF MOUNTED BRACKET. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR MORE INFORMATION. ROUTE REFRIGERANT PIPING THROUGH PIPE HOUSING SHOWN. PROVIDE ROOF PIPE SUPPORTS AS SPECIFIED.
6	PROVIDE NEW PIPE HOUSING. REFER TO DETAILS. PIPE HOUSING SHALL NOT BE INSTALLED OVER MDF/IDF.
7	PROVIDE PHP MODEL PP-10 ON ROOF WITH ROLLER AND FULLY ADJUSTABLE HEIGHT THROUGHOUT PIPE RUN EVERY 6'-0" ON CENTER AND EVERY CHANGE IN DIRECTION.
8	ROUTE FULL SIZE CONDENSATE DRAIN PIPE DOWN WALL TO EXISTING FLOOR DRAIN.
9	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
10	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
11	BOTTOM OF HIGH WALL UNIT SHALL BE MOUNTED ABOVE 7'-3" A.F.F.

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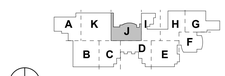
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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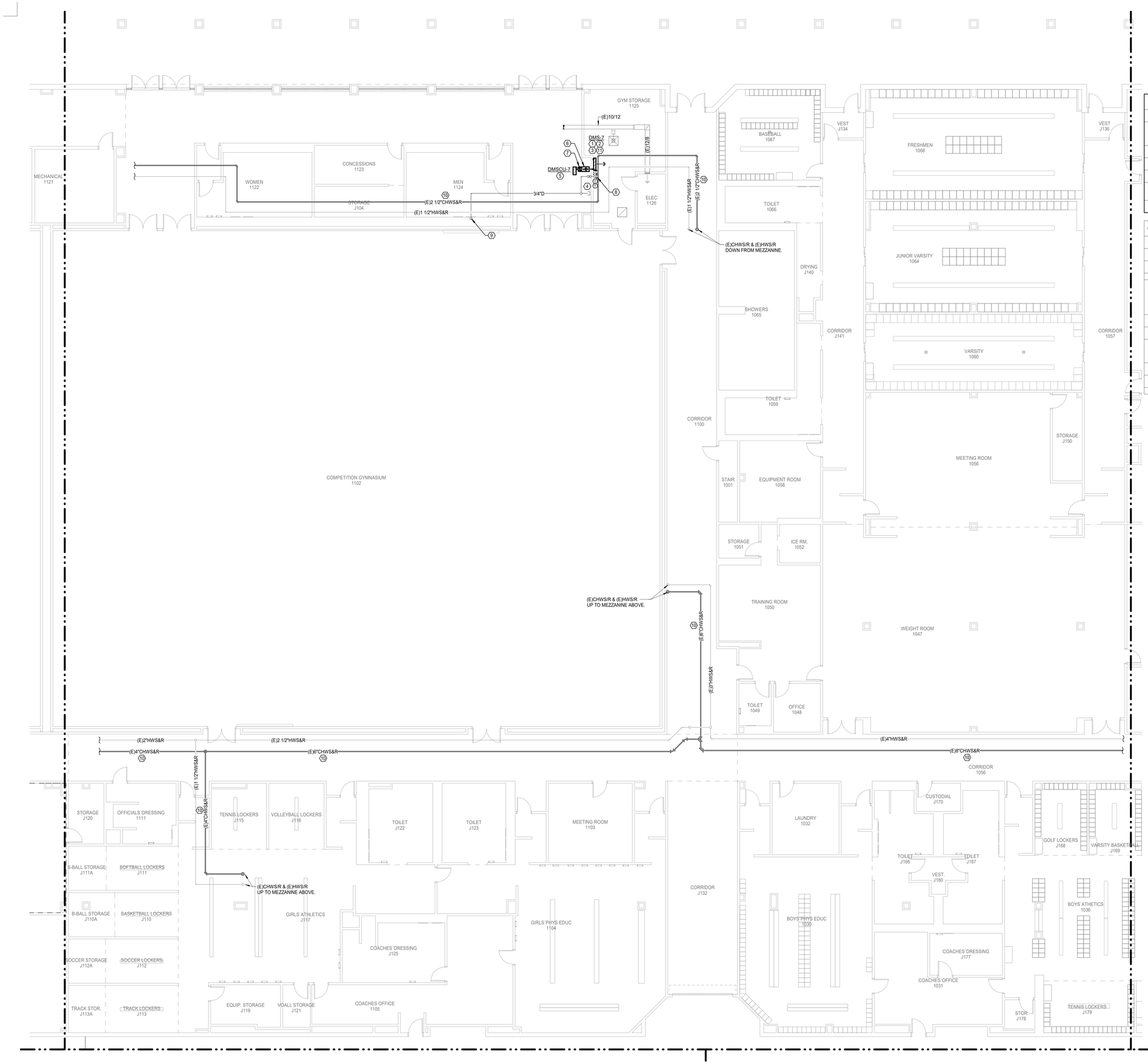
PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 1 - AREA J

SHEET NUMBER
M-210-J



1 **MECHANICAL FLOOR PLAN - LEVEL 01 - AREA K**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
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3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	THERMOSTATS SHALL BE MOUNTED AT 48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
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5	AIR COOLED CONDENSING UNIT SHALL BE MOUNTED ON ROOF AT LOCATION SHOWN. REFER TO MANUFACTURER FOR REFRIGERANT PIPE SIZES, AIRFLOW CLEARANCES, AND MAINTENANCE CLEARANCES. CONDENSING UNIT SHALL BE MOUNTED TO ROOF MOUNTED BRACKET. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR MORE INFORMATION. ROUTE REFRIGERANT PIPING THROUGH PIPE HOUSING SHOWN. PROVIDE ROOF PIPE SUPPORTS AS SPECIFIED.
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21020 Park Row Dr.
Katy, Texas 77449

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LANDSCAPE/IRRIGATION
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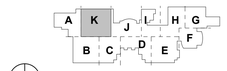
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

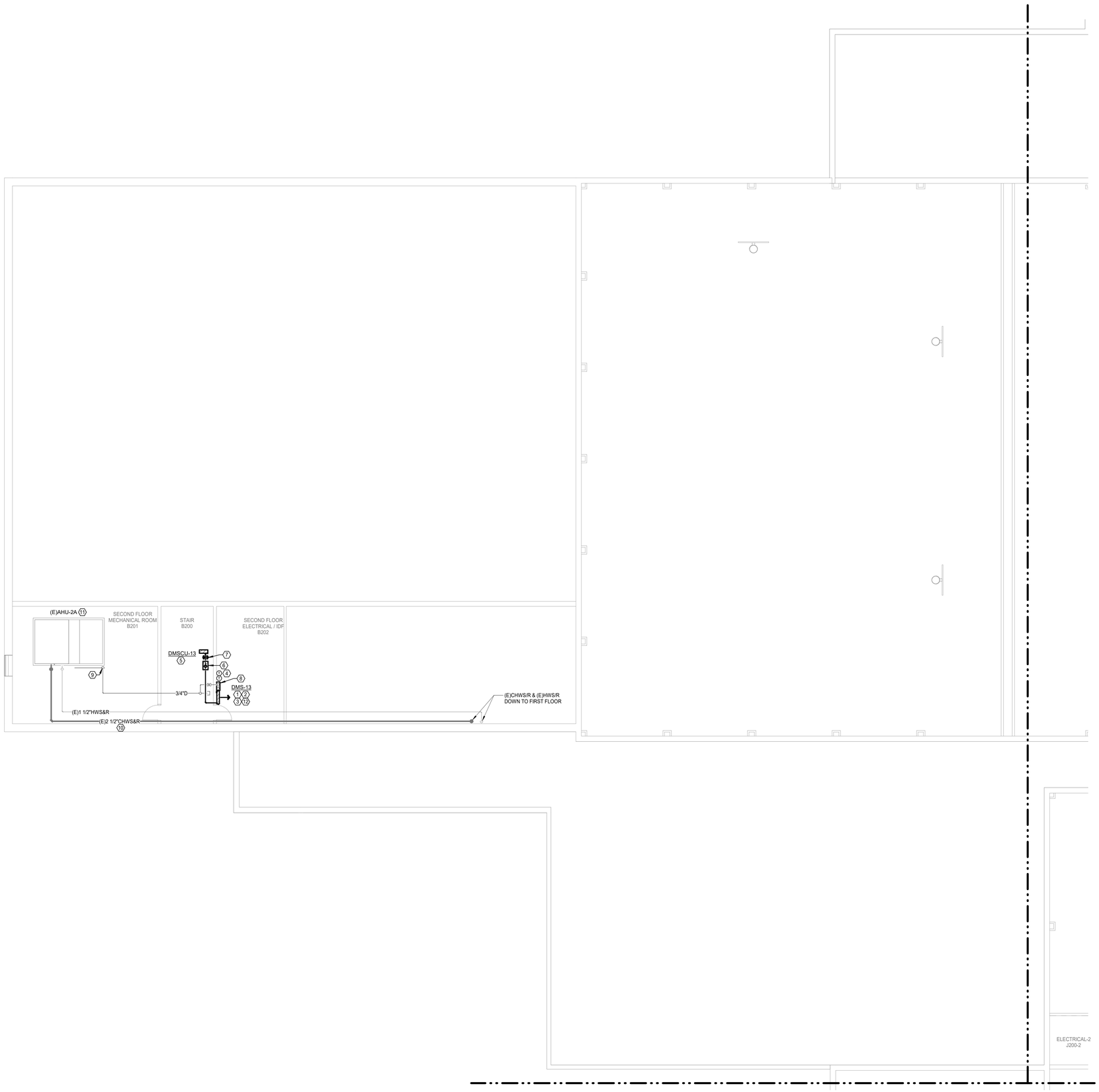
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 1 - AREA K

SHEET NUMBER
M-211-K



1 **MECHANICAL FLOOR PLAN - LEVEL 02 - AREA A**
Scale: 1/8" = 1'-0"

N

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
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4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
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MECHANICAL KEYED NOTES

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3	ROUTE REFRIGERANT LINES TO ASSOCIATED CONDENSING UNIT ON ROOF. REFER TO MANUFACTURER FOR PIPE SIZES.
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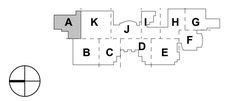
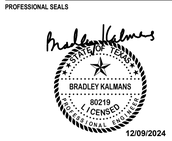


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

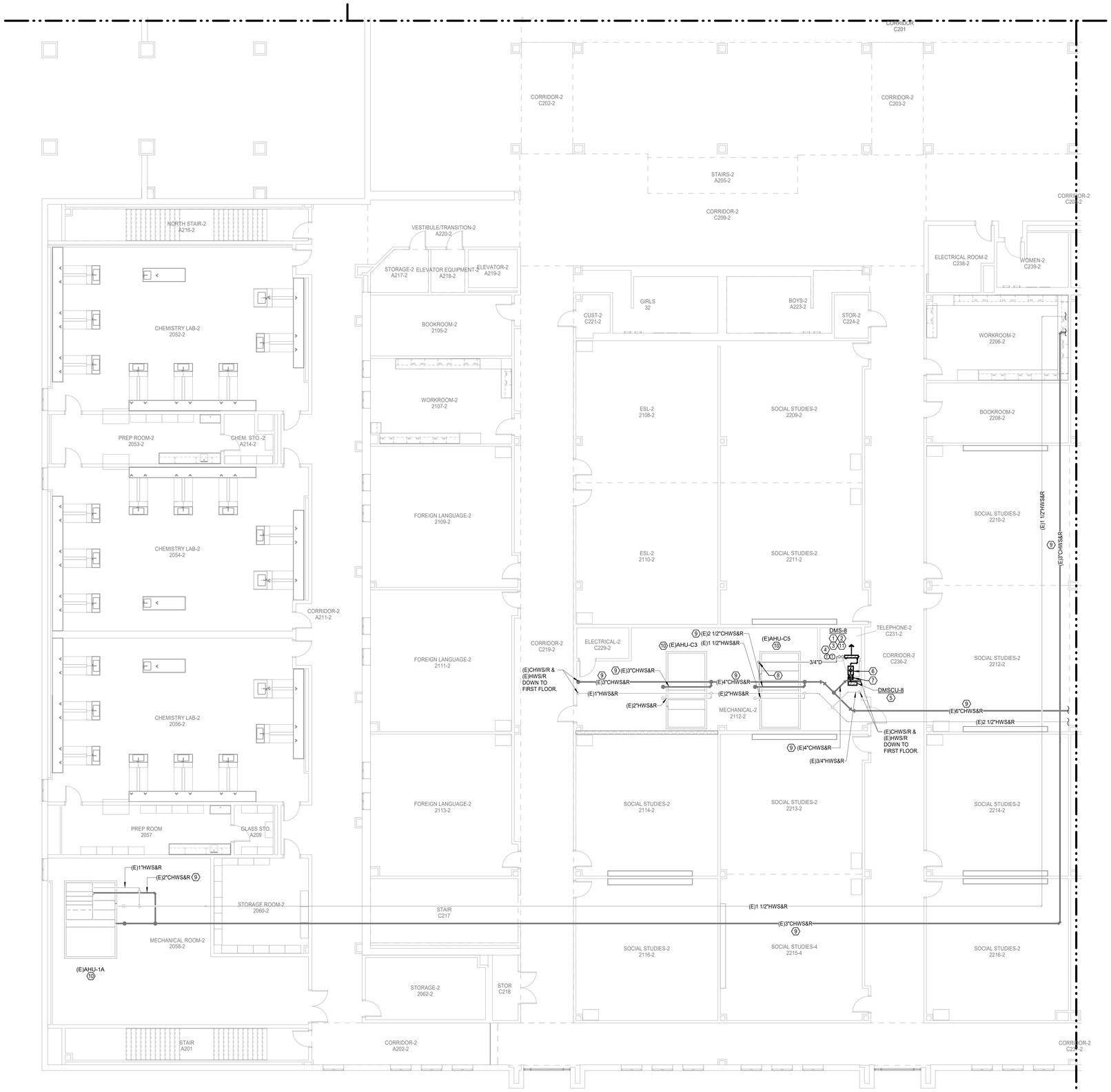
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 2 - AREA A

SHEET NUMBER
M-212-A



N

1 **MECHANICAL FLOOR PLAN - LEVEL 02 - AREA B**
Scale: 1/8" = 1'-0"

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salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

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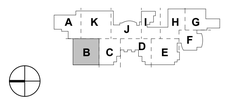

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
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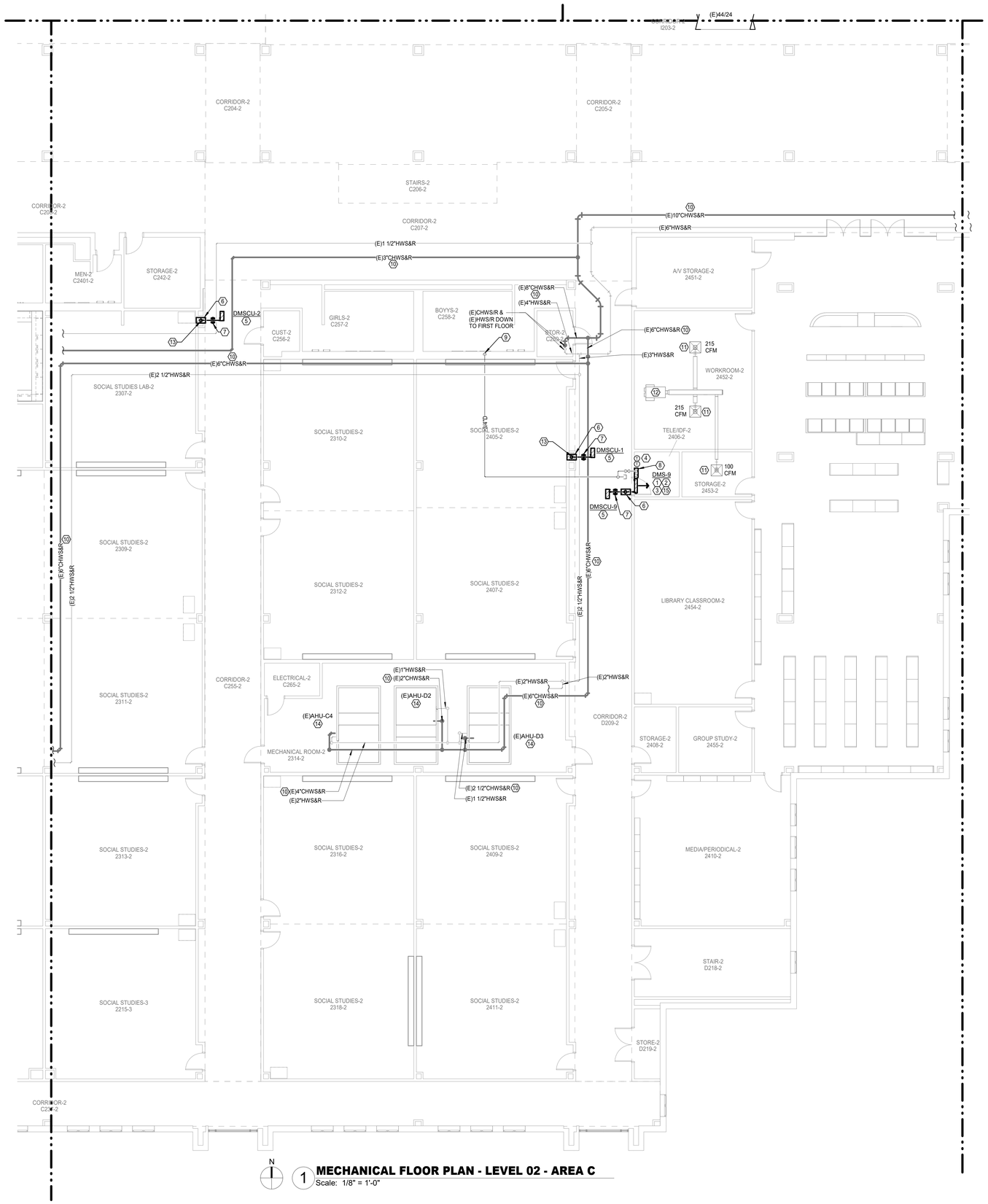
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 2 - AREA B

SHEET NUMBER
M-213-B



N

1 **MECHANICAL FLOOR PLAN - LEVEL 02 - AREA C**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

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11	REBALANCE EXISTING AIR DEVICE TO CFM INDICATED.
12	REBALANCE EXISTING DUAL DUCT BOX TO CFM INDICATED. HEATING CFM SHALL BE 60% OF COOLING CFM INDICATED ON DRAWINGS.
13	ROUTE REFRIGERANT PIPING UP IN CHASE TO CONDENSING UNIT ON ROOF.
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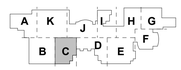
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

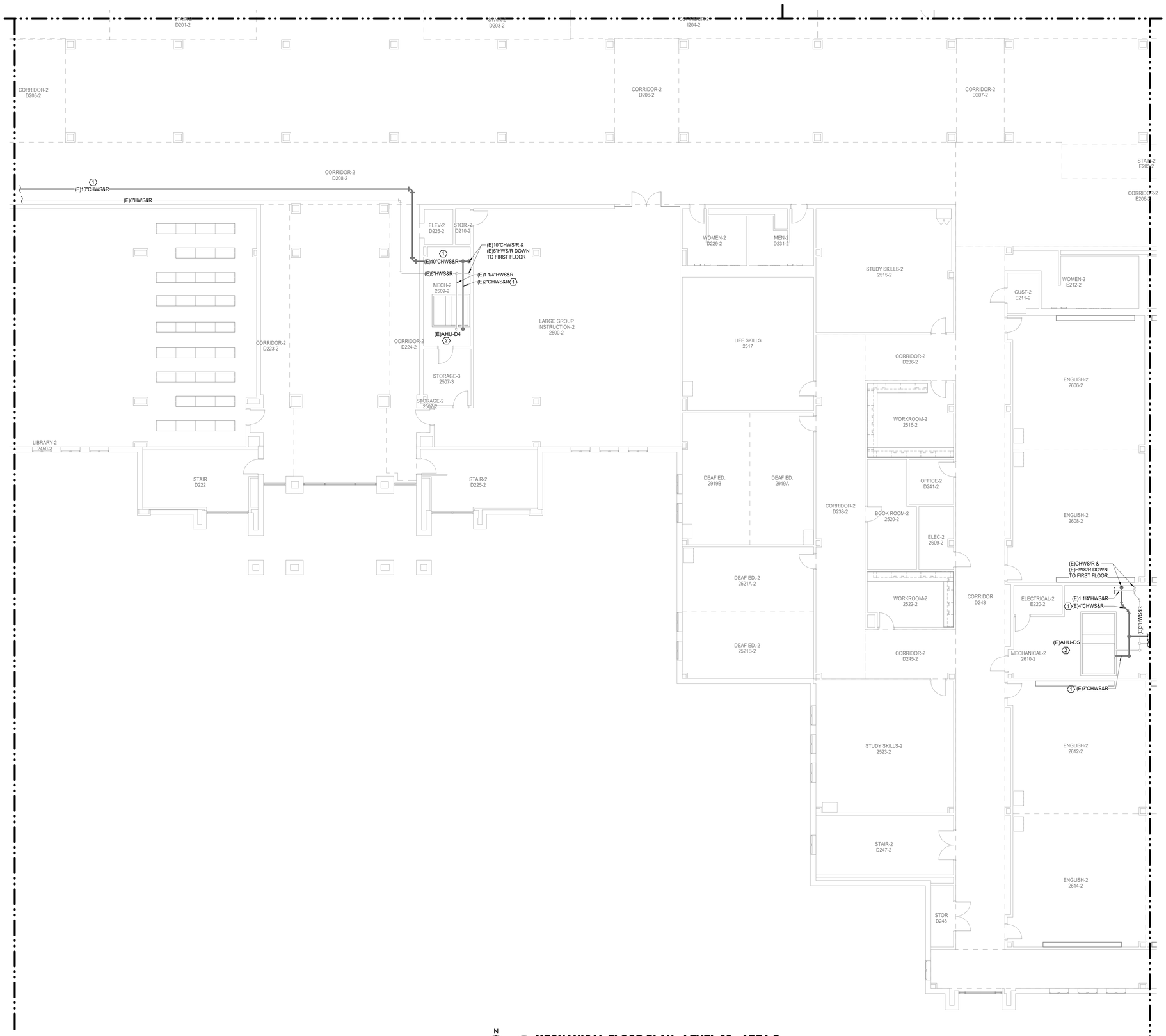
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 2 - AREA C

SHEET NUMBER
M-214-C



N

1 **MECHANICAL FLOOR PLAN - LEVEL 02 - AREA D**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
2	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

#	
1	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
2	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

PIPE INSULATION SHALL BE INSTALLED ON CLEAN AND DRY SURFACES ONLY. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING INSULATION AND RE-INSULATION OF EXISTING CHILLED WATER PIPING WITH OWNER, ARCHITECT AND ENGINEER PRIOR TO STARTING WORK TO ENSURE ANY REQUIRED CHILLED WATER SHUTDOWNS ARE SCHEDULE AND ACCEPTABLE TO ALL PARTIES.

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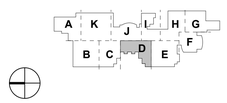
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

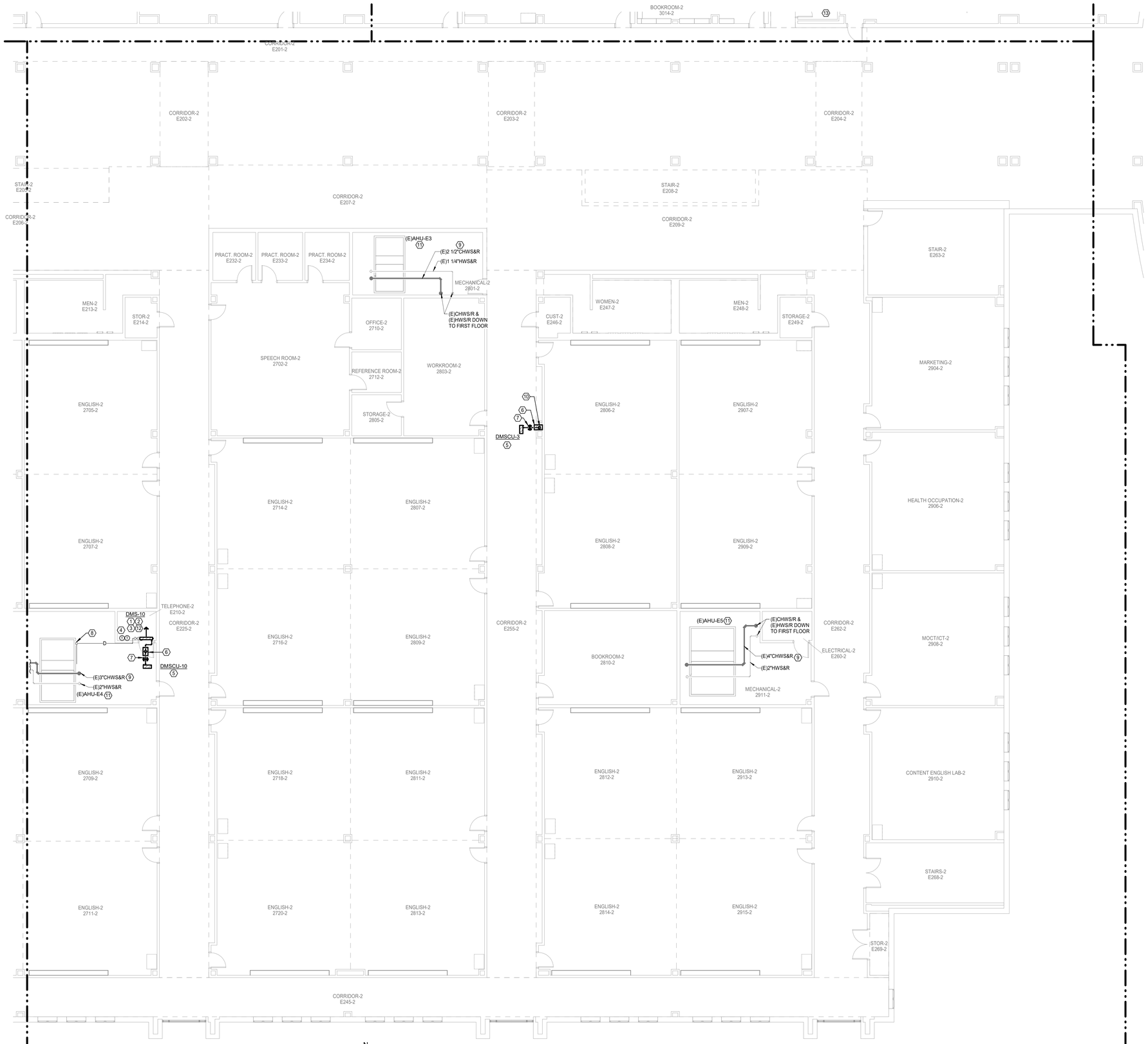
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 2 - AREA D

SHEET NUMBER
M-215-D



N

1 **MECHANICAL FLOOR PLAN - LEVEL 02 - AREA E**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
2	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
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MECHANICAL KEYED NOTES

1	VERIFY SERVICE CLEARANCES WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADE NOT TO OBSTRUCT.
2	ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS INDICATED. INSTALL CONDENSATE DRAIN TRAP AT UNIT AS RECOMMENDED BY MANUFACTURER.
3	ROUTE REFRIGERANT LINES TO ASSOCIATED CONDENSING UNIT ON ROOF. REFER TO MANUFACTURER FOR PIPE SIZES.
4	PROVIDE TEMPERATURE SENSOR FOR BMCS.
5	AIR COOLED CONDENSING UNIT SHALL BE MOUNTED ON ROOF AT LOCATION SHOWN. REFER TO MANUFACTURER FOR REFRIGERANT PIPE SIZES, AIRFLOW CLEARANCES, AND MAINTENANCE CLEARANCES. CONDENSING UNIT SHALL BE MOUNTED TO ROOF MOUNTED BRACKET. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR MORE INFORMATION. ROUTE REFRIGERANT PIPING THROUGH PIPE HOUSING SHOWN. PROVIDE ROOF PIPE SUPPORTS AS SPECIFIED.
6	PROVIDE NEW PIPE HOUSING. REFER TO DETAILS. PIPE HOUSING SHALL NOT BE INSTALLED OVER MDF/IDF.
7	PROVIDE PHP MODEL PP-10 ON ROOF WITH ROLLER AND FULLY ADJUSTABLE HEIGHT THROUGHOUT PIPE RUN EVERY 6'-0" ON CENTER AND EVERY CHANGE IN DIRECTION.
8	ROUTE FULL SIZE CONDENSATE DRAIN PIPE DOWN AT EXISTING CONCRETE PAD AND TO EXISTING FLOOR DRAIN.
9	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
10	ROUTE REFRIGERANT PIPING UP IN CHASE TO CONDENSING UNIT ON ROOF.
11	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
12	BOTTOM OF HIGH WALL UNIT SHALL BE MOUNTED ABOVE 7'-3" A.F.F.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING: THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

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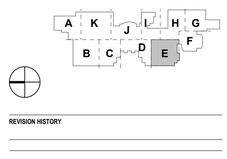
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

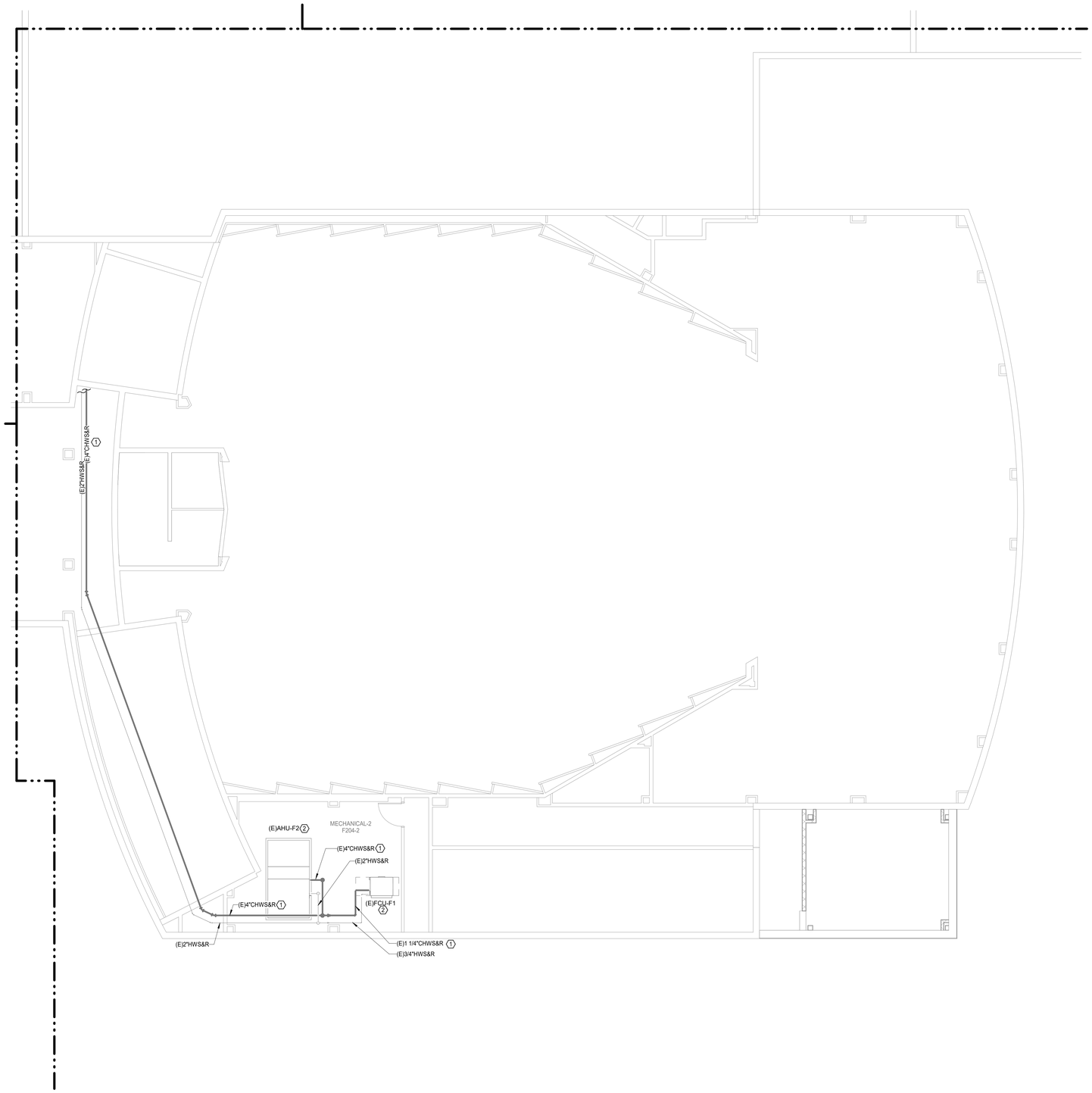
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 2 - AREA E

SHEET NUMBER
M-216-E



N

1 **MECHANICAL FLOOR PLAN - LEVEL 02 - AREA F**
Scale: 1/8" = 1'-0"

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
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6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
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MECHANICAL KEYED NOTES

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CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

Salas O'Brien
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10930 W. Sam Houston Pkwy North, Suite 900
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Registration: F-4111
Project No: 2023-05942-00

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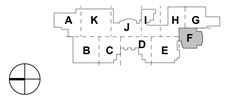
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 2 - AREA F

SHEET NUMBER
M-217-F

Salas O'Brien
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Registration: F-4111
Project No: 2023-05942-00

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5	AIR COOLED CONDENSING UNIT SHALL BE MOUNTED ON ROOF AT LOCATION SHOWN. REFER TO MANUFACTURER FOR REFRIGERANT PIPE SIZES, AIRFLOW CLEARANCES, AND MAINTENANCE CLEARANCES. CONDENSING UNIT SHALL BE MOUNTED TO ROOF MOUNTED BRACKET. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR MORE INFORMATION. ROUTE REFRIGERANT PIPING THROUGH PIPE HOUSING SHOWN. PROVIDE ROOF PIPE SUPPORTS AS SPECIFIED.
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9	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
10	REBALANCE EXISTING AIR DEVICE TO CFM INDICATED.
11	REBALANCE EXISTING DUAL DUCT BOX TO CFM INDICATED. HEATING CFM SHALL BE 60% OF COOLING CFM INDICATED ON DRAWINGS.
12	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
13	BOTTOM OF HIGH WALL UNIT SHALL BE MOUNTED ABOVE 7'-3" A.F.F.

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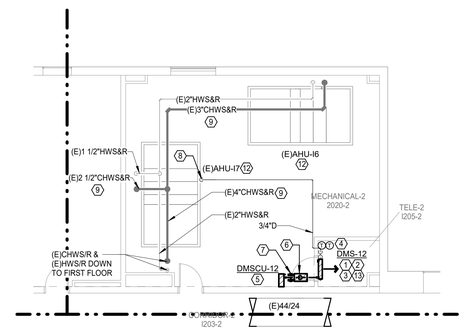
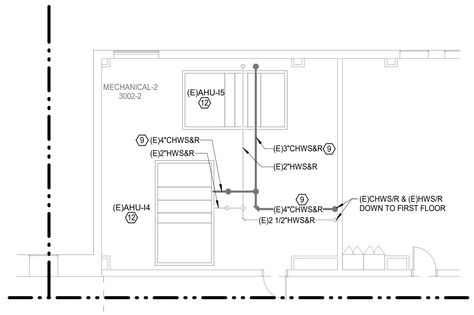


N

3 **MECHANICAL FLOOR PLAN - LEVEL 02 - AREA J**
Scale: 1/8" = 1'-0"



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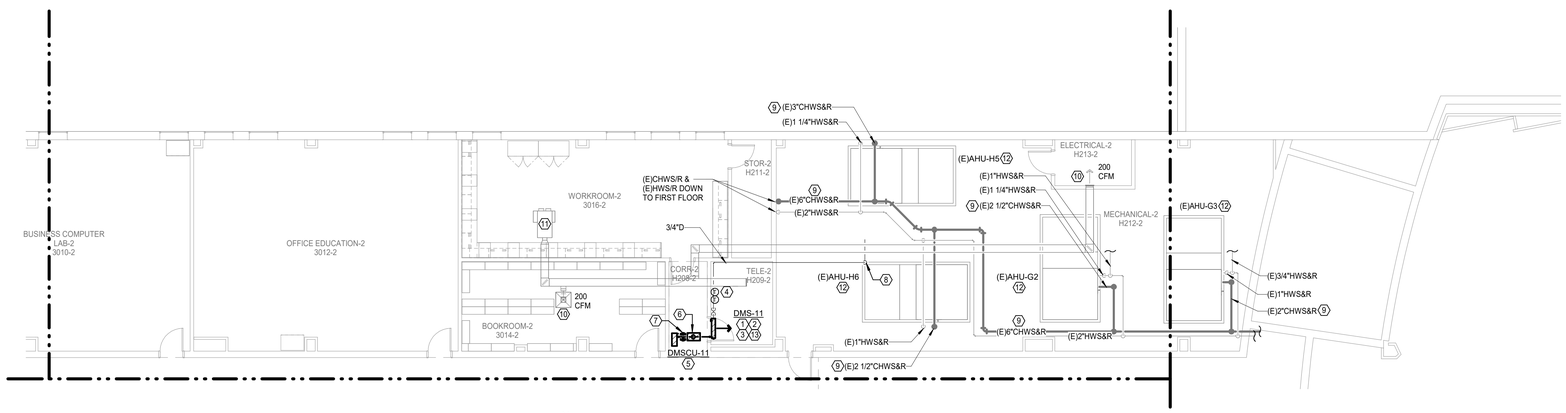
2 **MECHANICAL FLOOR PLAN - LEVEL 02 - AREA I**
Scale: 1/8" = 1'-0"



N

1 **MECHANICAL FLOOR PLAN - LEVEL 02 - AREA H**
Scale: 1/8" = 1'-0"

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Katy, Texas 77449

281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
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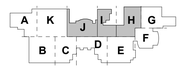
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

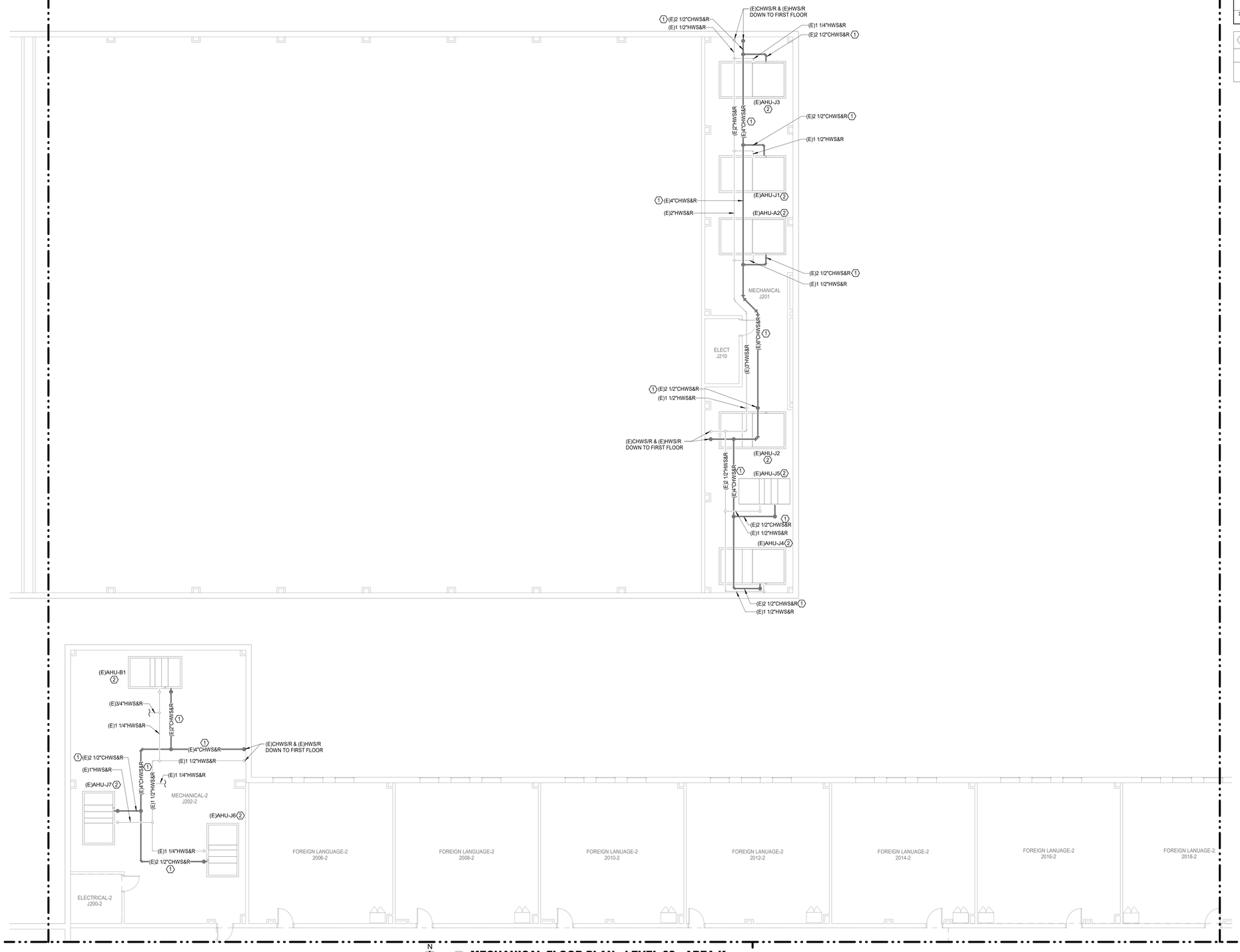
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 2 - AREA H,I, AND J

SHEET NUMBER
M-218-H,I,J



N

1 **MECHANICAL FLOOR PLAN - LEVEL 02 - AREA K**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
2	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

#	
1	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
2	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

PIPE INSULATION SHALL BE INSTALLED ON CLEAN AND DRY SURFACES ONLY. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING INSULATION AND RE-INSULATION OF EXISTING CHILLED WATER PIPING WITH OWNER, ARCHITECT AND ENGINEER PRIOR TO STARTING WORK TO ENSURE ANY REQUIRED CHILLED WATER SHUTDOWNS ARE SCHEDULE AND ACCEPTABLE TO ALL PARTIES.

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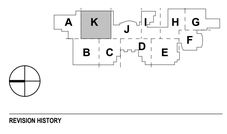

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
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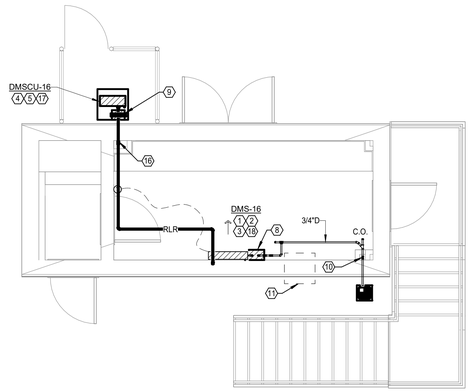
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

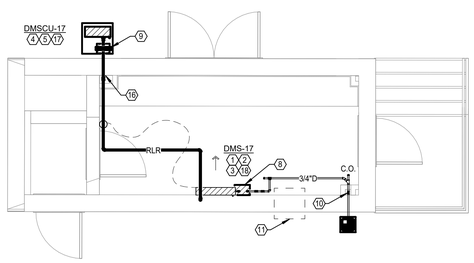
SHEET NAME
MECHANICAL FLOOR PLAN - LEVEL 2 - AREA K

SHEET NUMBER
M-219-K



N

4 **MECHANICAL ENLARGED FLOOR PLAN - SOFTBALL PRESSBOX**
Scale: 1/4" = 1'-0"



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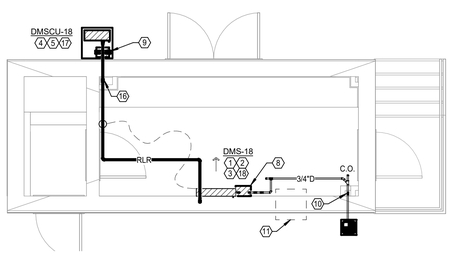
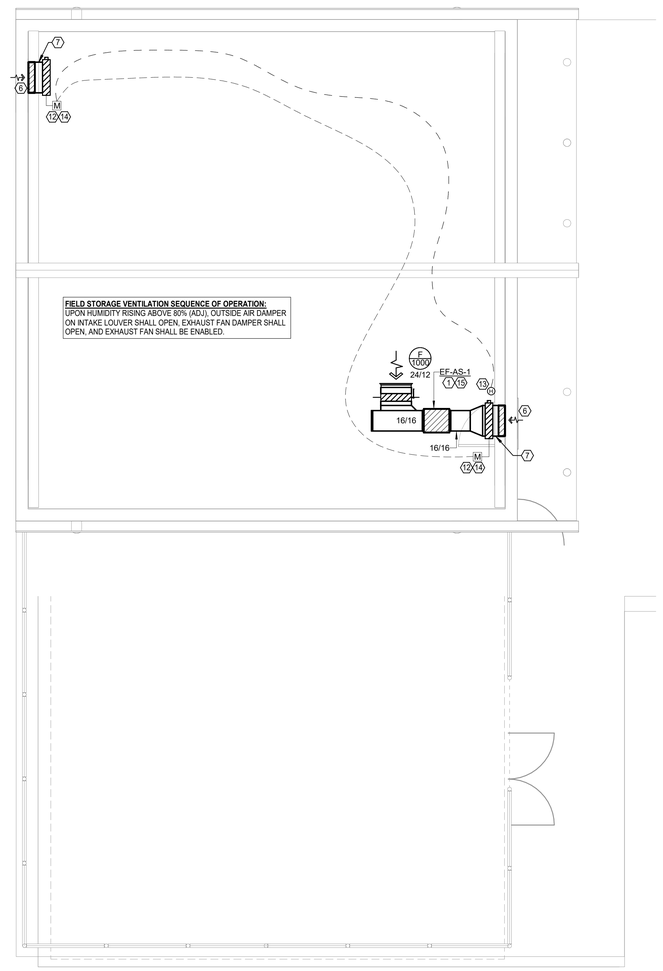
3 **MECHANICAL ENLARGED FLOOR PLAN - FOOTBALL PRESSBOX**
Scale: 1/4" = 1'-0"



N

2 **MECHANICAL ENLARGED FLOOR PLAN - BASEBALL PRESSBOX**
Scale: 1/4" = 1'-0"



FIELD STORAGE VENTILATION SEQUENCE OF OPERATION:
UPON HUMIDITY RISING ABOVE 80% (ADJ), OUTSIDE AIR DAMPER ON INTAKE LOUVER SHALL OPEN, EXHAUST FAN DAMPER SHALL OPEN, AND EXHAUST FAN SHALL BE ENABLED.

N

1 **MECHANICAL ENLARGED FLOOR PLAN - FIELD STORAGE**
Scale: 1/4" = 1'-0"

MECHANICAL GENERAL NOTES

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4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

#	
1	VERIFY SERVICE CLEARANCES WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADE NOT TO OBSTRUCT.
2	ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS INDICATED. INSTALL CONDENSATE DRAIN TRAP AT UNIT AS RECOMMENDED BY MANUFACTURER.
3	ROUTE REFRIGERANT LINES TO ASSOCIATED CONDENSING UNIT. REFER TO MANUFACTURER FOR PIPE SIZES.
4	AIR COOLED CONDENSING UNIT SHALL BE MOUNTED AT LOCATION SHOWN. REFER TO MANUFACTURER FOR REFRIGERANT PIPE SIZES, AIRFLOW CLEARANCES, AND MAINTENANCE CLEARANCES. REFER TO MANUFACTURER FOR INSTALLATION REQUIREMENTS.
5	PROVIDE 4" CONCRETE HOUSEKEEPING PAD.
6	PROVIDE 24"x24" WIND-DRIVEN RAIN RESISTANT INTAKE LOUVER, RUSKIN MODEL HZ700MD OR APPROVED EQUIVALENT, WITH 1.77 SQ. FT. FREE AREA. PROVIDE WITH BIRD SCREEN. COORDINATE FINAL COLOR AND MOUNTING HEIGHT WITH ARCHITECT.
7	PROVIDE DUCTWORK AT FULL SIZE OF LOUVER. REFER TO DETAIL.
8	CONDENSATE PUMP TO BE MOUNTED BELOW HIGHWALL UNIT. INSTALL PER MANUFACTURER INSTALLATION INSTRUCTIONS. ROUTE CONDENSATE PIPE FROM INDOOR UNIT TO CONDENSATE PUMP. REFER TO DUCTLESS MINI-SPLIT INDOOR UNIT SCHEDULE FOR CONDENSATE PUMP INFORMATION.
9	PROVIDE PHP MODEL PP-10 WITH ROLLER AND FULLY ADJUSTABLE HEIGHT THROUGHOUT PIPE RUN EVERY 6'-0" ON CENTER AND EVERY CHANGE IN DIRECTION.
10	ROUTE FULL SIZE CONDENSATE DRAIN PIPE DOWN WALL AND PENETRATE EXTERIOR WALL AS INDICATED. REFER TO PIPE THROUGH EXTERIOR WALL DETAIL. REFER TO PLUMBING FOR EXACT DRAIN LOCATION.
11	REMOVE EXISTING PTAC UNIT. CONTROLS, AND ALL ASSOCIATED APPURTENANCES. PATCH WALL OPENING TO MATCH ADJACENT.
12	MOTORIZED DAMPER TO BE INTERLOCKED WITH EF-AS-1. INTERLOCK SHALL OPERATE AS FOLLOWS, WHEN EF-AS-1 IS ENERGIZED THE DAMPER SHALL OPEN, WHEN EF-AS-1 IS DE-ENERGIZED THE DAMPER SHALL CLOSE.
13	PROVIDE LINE VOLTAGE HUMIDITY SENSOR AT LOCATION SHOWN.
14	MOTORIZED DAMPER SHALL BE ON SAME 120V CIRCUIT AS ASSOCIATED EXHAUST FAN. REFER TO ELECTRICAL.
15	PROVIDE 120V CIRCUIT FOR EXHAUST FAN. ASSOCIATED MOTORIZED DAMPERS SHALL BE ON SAME CIRCUIT. REFER TO ELECTRICAL.
16	ROUTE REFRIGERANT PIPING THROUGH EXTERIOR WALL. REFER TO DETAIL.
17	PROVIDE INSULATION, PAINTING, AND JACKETING FOR OUTDOOR PIPING AS SPECIFIED.
18	BOTTOM OF HIGH WALL UNIT SHALL BE MOUNTED ABOVE 7'-3" A.F.F.

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Registration: F-4111
Project No: 2023-05942-00

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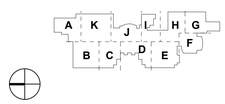

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2022I	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

MECHANICAL FLOOR PLAN - FIELD STORAGE AND PRESS BOXES

SHEET NUMBER

M-220

Salas O'Brien
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10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

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MECHANICAL KEYED NOTES

1	VERIFY SERVICE CLEARANCES WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADE NOT TO OBSTRUCT.
2	ROUTE 6"Ø UP TO GOOSENECK ON ROOF. REFER TO DETAIL.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING: THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

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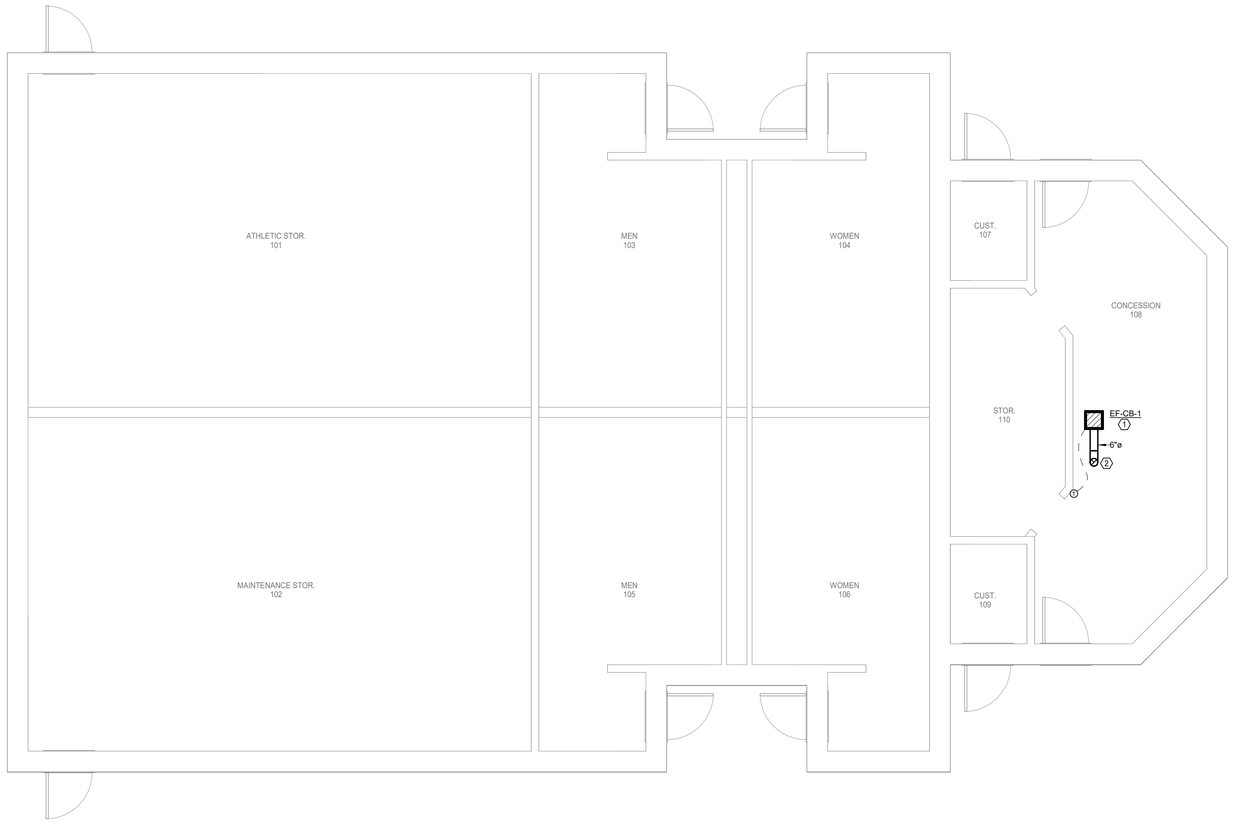

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1 **MECHANICAL ENLARGED FLOOR PLAN - CONCESSIONS**
Scale: 1/4" = 1'-0"

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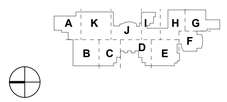

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL FLOOR PLAN - CONCESSIONS BUILDING

SHEET NUMBER
M-221

Salas O'Brien
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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

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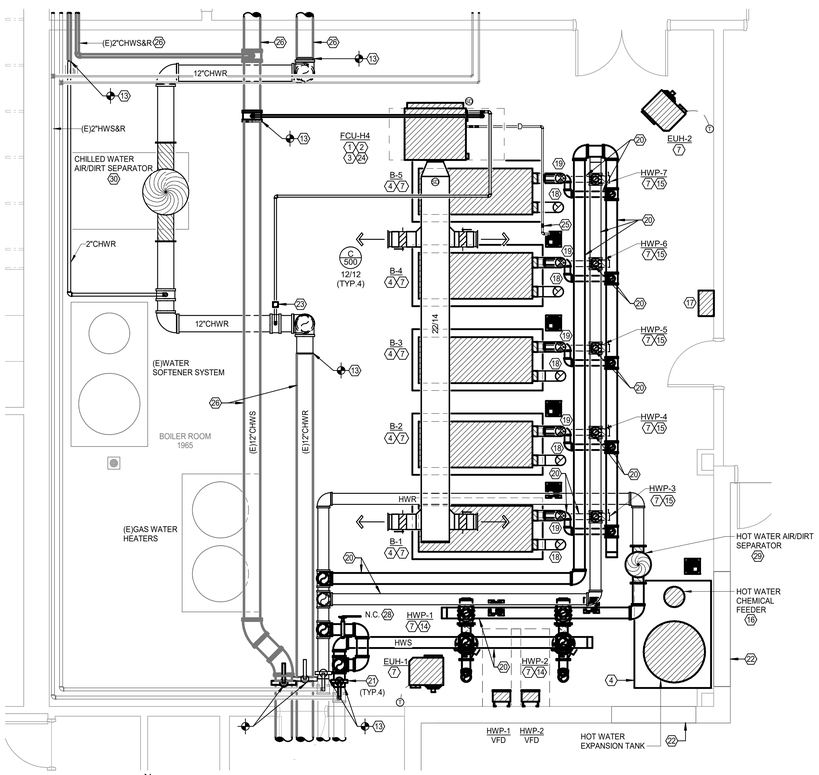
MECHANICAL KEYED NOTES

#	
1	VERIFY SERVICE CLEARANCES FOR FAN SHAFT AND COIL REMOVAL WITH EQUIPMENT MANUFACTURER. COORDINATE WITH OTHER TRADES NOT TO OBSTRUCT.
2	VERIFY SERVICE CLEARANCES FOR AIR FILTER WITH EQUIPMENT MANUFACTURER. COORDINATE WITH OTHER TRADES NOT TO OBSTRUCT.
3	ROUTE FULL SIZE CONDENSATE DRAIN LINE TO FLOOR SINK. INSTALL TRAP PER MANUFACTURERS INSTALLATION INSTRUCTIONS. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.
4	PROVIDE 4" CONCRETE HOUSEKEEPING PAD.
5	REFER TO AHU WITH SPLIT DEHUMIDIFICATION UNIT DETAIL.
6	PROVIDE MANUAL BALANCING (D-2) DAMPER IN VERTICAL.
7	VERIFY SERVICE CLEARANCES WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADE NOT TO OBSTRUCT.
8	ROUTE OUTSIDE AIR DUCTWORK UP TO SUPPLY FAN ON ROOF. TRANSITION DUCTWORK TO CONNECT TO FAN OPENING.
9	INTERNALLY LINED RETURN AIR PATH. PROVIDE DUCTWORK WITH AT LEAST TWO ELBOWS.
10	COLD AIR DUCTWORK.
11	HOT AIR DUCTWORK.
12	HATCHED DUCTWORK SHALL BE INTERNALLY LINED. INTERNALLY LINED DUCTWORK SHALL BE THE FIRST 25 FEET OFF THE AIR HANDLING UNIT. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
13	CONNECT TO EXISTING PIPING AS INDICATED.
14	PROVIDE NEW VERTICAL INLINE PUMP. REFER TO DETAILS.
15	CIRCULATOR PUMP PROVIDED BY BOILER MANUFACTURER.
16	PROVIDE CHEMICAL FEEDER SUPPORT. REFER TO DETAIL.
17	PROVIDE CARBON MONOXIDE MONITORING STATION. MOUNT ENCLOSURE AT 5'-0" AFF. INSTALL PER MANUFACTURER RECOMMENDATIONS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
18	ROUTE BOILER FLUE UP THROUGH ROOF. INSTALL PER MANUFACTURER RECOMMENDATIONS. REFER TO DETAILS. BOILER FLUE SHALL TERMINATE 3'-0" VERTICALLY ABOVE COMBUSTION AIR INTAKE.
19	ROUTE COMBUSTION AIR INTAKE UP THROUGH ROOF. INSTALL PER MANUFACTURER RECOMMENDATIONS. REFER TO DETAILS.
20	REFER TO PIPING DIAGRAM FOR PIPE SIZES.
21	PROVIDE ISOLATION VALVE AT LOCATION SHOWN.
22	COVER/BLANK OFF EXISTING COMBUSTION AIR LOUVER. COVER SHALL BE AIR AND WATER TIGHT.
23	PROVIDE PRESSURE REDUCING VALVE ON CHILLED WATER RETURN PIPE.
24	SUSPEND UNIT WITH THREADED HANGER RODS ATTACHED TO UNISTRUT RUNNERS SECURED TO STRUCTURE. PROVIDE SPRING ISOLATION. REFER TO MANUFACTURER FOR MORE DETAILS.
25	ROUTE FULL SIZE CONDENSATE DRAIN LINE DOWN AT CORNER OF CONCRETE PAD. ROUTE TO FLOOR DRAIN AS INDICATED. REFER TO PLUMBING FOR EXACT LOCATION OF FLOOR DRAIN.
26	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
27	ROUTE FULL SIZE CONDENSATE DRAIN PIPE DOWN WALL TO FLOOR DRAIN. REFER TO PLUMBING FOR EXACT LOCATION OF FLOOR DRAIN.
28	PROVIDE NEW BYPASS PIPING AND VALVES AS SHOWN TO ALLOW FOR ISOLATING THE NEW PIPING FROM THE EXISTING HYDRONIC LOOPS. TESTING, FLUSHING, AND TREATEMENT OF NEW PIPING SHALL BE PERFORMED PRIOR TO OPENING THE NEW PIPING TO THE EXISTING HYDRONIC LOOPS. PURGERITE OR COMPARABLE COMPANY SHALL PROVIDE ASSISTANCE TO THE MECHANICAL CONTRACTOR TO CONFIRM FLUSHING AND CLEANING AT DESIGN SYSTEM FLOW RATES. CHEMICAL TREATEMENT MANUFACTURER SHALL TEST WATER TO CONFIRM COMPLIANCE OF FLUSHING AND TREATMENT OF WATER PRIOR TO OPENING THE NEW PIPING VALVES TO THE EXISTING HYDRONIC LOOP.
29	REFER TO DETAILS FOR SUPPORT AT AIR/DIRT SEPARATOR.
30	AIR/DIRT SEPARATOR SHALL BE SUPPORTED FROM GROUND. REFER TO MANUFACTURER FOR INSTALLATION INSTRUCTIONS. REFER TO STRUCTURAL DRAWINGS FOR SUPPORTING OF AIR/DIRT SEPARATOR.



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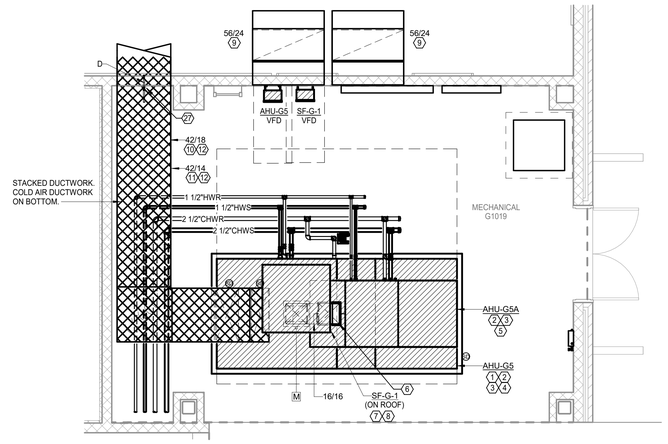
2 **MECHANICAL ENLARGED FLOOR PLAN - BOILER ROOM**
Scale: 1/4" = 1'-0"



N

1 **MECHANICAL ENLARGED FLOOR PLAN - MECHANICAL 1019**
Scale: 1/4" = 1'-0"

Page/

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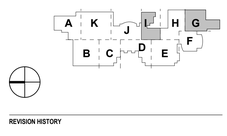
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS 80219 LICENSED TEXAS PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL ENLARGED PLANS

SHEET NUMBER
M-301

Salas O'Brien
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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

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MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
2	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

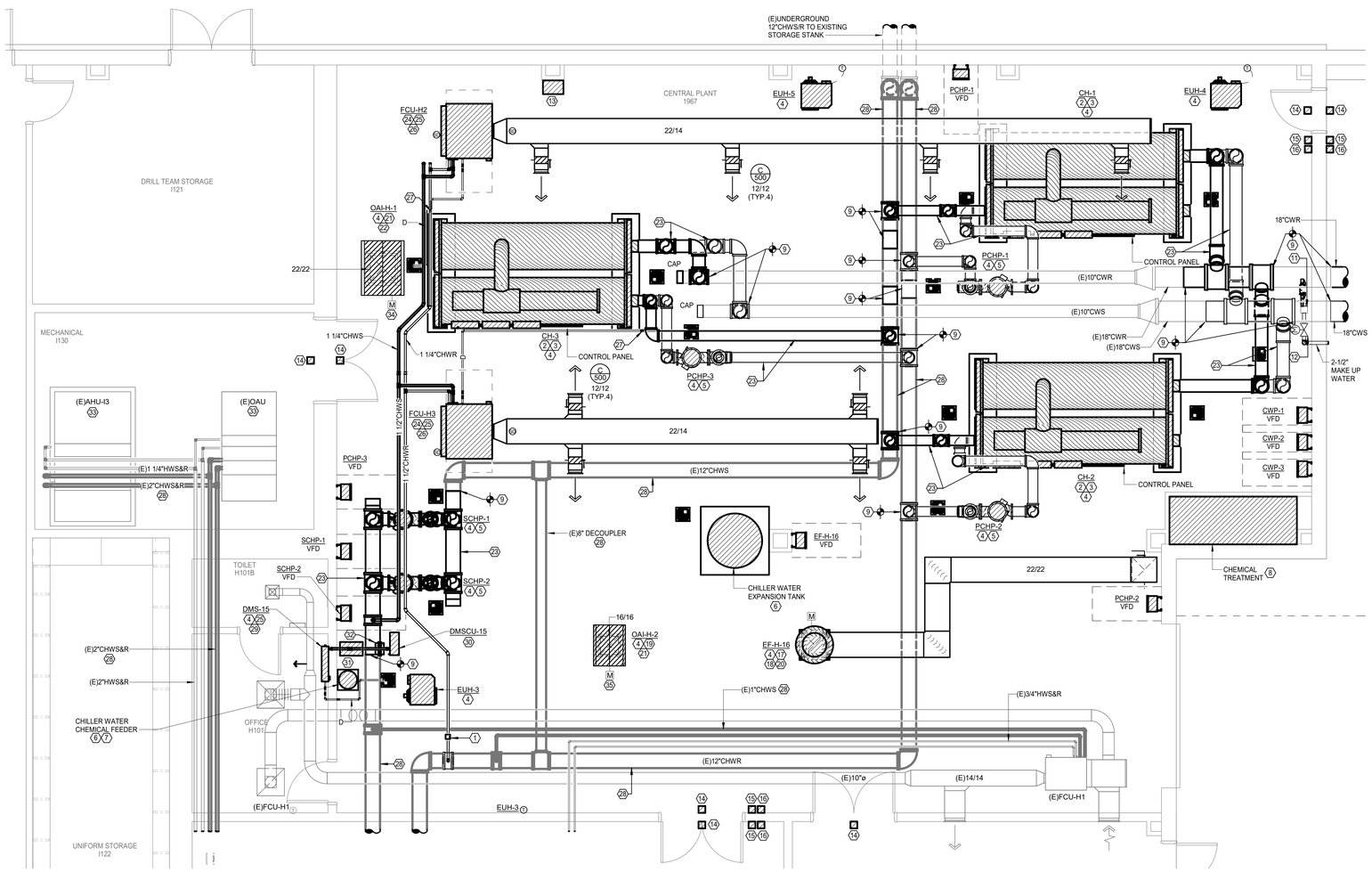
#	
1	PROVIDE PRESSURE REDUCING VALVE ON CHILLED WATER RETURN PIPE.
2	PROVIDE 2'-0" LONG X 0'-6" TALL X CHILLER BASE WIDTH CONCRETE PAD UNDER CHILLER FOOTINGS AS SHOWN. COORDINATE WITH CHILLER MANUFACTURER FOR SUPPORTING EQUIPMENT.
3	PROVIDE COPPER REFRIGERANT RELIEF PIPING FROM CHILLER PRESSURE RELIEF VALVES THROUGH THE ROOF. FOLLOW EXISTING ROUTING AND REUSE EXISTING PENETRATION. SIZE RELIEF PIPE AS RECOMMENDED BY MANUFACTURER. REFER TO DETAIL.
4	VERIFY SERVICE CLEARANCES WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADE NOT TO OBSTRUCT.
5	PROVIDE NEW VERTICAL INLINE PUMP. REFER TO DETAILS.
6	PROVIDE 4" CONCRETE HOUSEKEEPING PAD.
7	PROVIDE CHEMICAL FEEDER SUPPORT. REFER TO DETAIL.
8	PROVIDE NEW CHEMICAL TREATMENT FOR COOLING TOWER. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
9	CONNECT TO EXISTING PIPING AS INDICATED.
10	PROVIDE ISOLATION VALVE AT LOCATION SHOWN.
11	PROVIDE NEW COOLING TOWER WATER LEVEL CONTROLLER BY WATERLINE CONTROLS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
12	MOTORIZED VALVE TO BE OPERATED BY WATER LEVEL CONTROLLER.
13	PROVIDE NEW REFRIGERANT MONITORING STATION TO MONITOR ANY AND ALL REFRIGERANTS UTILIZED IN CENTRAL. ESTABLISH CONTROLS REQUIRED FOR AUDIO/VISUAL ALARMS AND EMERGENCY PURGE VENTILATION TO ACTIVATE ALL CHILLERS TO SHUT DOWN UPON DETECTION OF REFRIGERANT LEAKS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
14	PROVIDE AUDIO/VISUAL ALARM ABOVE DOOR.
15	PROVIDE BREAK-GLASS TYPE OFF-ONLY EMERGENCY CONTROL BUTTON.
16	PROVIDE BREAK-GLASS TYPE EMERGENCY PURGE VENTILATION BUTTON.
17	ROUTE 22/22 EXHAUST DUCT UP TO FAN ON ROOF. TRANSITION EXHAUST DUCT TO CONNECT TO FAN OPENING. DUCTWORK SHALL TERMINATE 1'-0' ABOVE FINISHED FLOOR. PROVIDE OPENING WITH 1/4" ALUMINUM WIRE MESH.
18	PROVIDE WITH ROOF CURB. REFER TO DETAIL.
19	ROUTE 16/16 OUTSIDE AIR DUCT UP TO INTAKE ON ROOF. TRANSITION OUTSIDE AIR DUCT TO CONNECT TO INTAKE OPENING. DUCTWORK SHALL TERMINATE 1'-0' BELOW EXISTING STRUCTURE. PROVIDE OPENING WITH 1/4" ALUMINUM WIRE MESH.
20	MODIFY EXISTING ROOF PENETRATION TO ACCOMMODATE NEW FAN.
21	MODIFY EXISTING ROOF PENETRATION TO ACCOMMODATE NEW INATKE.
22	ROUTE 22/22 OUTSIDE AIR DUCT UP TO INTAKE ON ROOF. TRANSITION OUTSIDE AIR DUCT TO CONNECT TO INTAKE OPENING. DUCTWORK SHALL TERMINATE 1'-0' BELOW EXISTING STRUCTURE. PROVIDE OPENING WITH 1/4" ALUMINUM WIRE MESH.
23	REFER TO PIPING DIAGRAM FOR PIPE SIZES.
24	VERIFY SERVICE CLEARANCE FOR AIR FILTER, FAN SHAFT, AND COIL REMOVAL WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
25	ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION OF FLOOR DRAIN. INSTALL TRAP AS RECOMMENDED BY MANUFACTURER.
26	SUSPEND UNIT WITH THREADED HANGER RODS ATTACHED TO UNISTRUT RUNNERS SECURED TO STRUCTURE. PROVIDE SPRING ISOLATION. REFER TO MANUFACTURER FOR MORE DETAILS.
27	ROUTE FULL SIZE CONDENSATE DRAIN LINE DOWN AT CORNER OF CONCRETE PAD. ROUTE TO FLOOR DRAIN AS INDICATED. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION OF FLOOR DRAIN.
28	REINSULATE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
29	ROUTE REFRIGERANT LINES TO ASSOCIATED CONDENSING UNIT ON ROOF. REFER TO MANUFACTURER FOR PIPE SIZES.
30	AIR COOLED CONDENSING UNIT SHALL BE MOUNTED ON ROOF AT LOCATION SHOWN. REFER TO MANUFACTURER FOR REFRIGERANT PIPE SIZES, AIRFLOW CLEARANCES, AND MAINTENANCE CLEARANCES. CONDENSING UNIT SHALL BE MOUNTED TO ROOF MOUNTED BRACKET. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR MORE INFORMATION. ROUTE REFRIGERANT PIPING THROUGH PIPE HOUSING SHOWN. PROVIDE ROOF PIPE SUPPORTS AS SPECIFIED.
31	PROVIDE NEW PIPE HOUSING. REFER TO DETAIL. PIPE HOUSING SHALL NOT BE INSTALLED OVER MDF/IDF.
32	PROVIDE PHP MODEL PP-10 ON ROOF WITH ROLLER AND FULLY ADJUSTABLE HEIGHT THROUGHOUT PIPE RUN EVERY 6'-0" ON CENTER AND EVERY CHANGE IN DIRECTION.
33	REINSULATE CHILLED WATER SUPPLY AND RETURN PIPING FROM EXISTING MECHANICAL EQUIPMENT BACK TO MAINS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
34	MOTORIZED DAMPER TO BE INTERLOCKED WITH EF-H-16. INTERLOCK SHALL OPERATE AS FOLLOWS, WHEN EF-H-16 IS ENERGIZED THE DAMPER SHALL OPEN, WHEN EF-H-16 IS DE-ENERGIZED THE DAMPER SHALL CLOSE. MOTORIZED DAMPER SHALL ONLY BE ENERGIZED UPON PURGE DETECTION.
35	MOTORIZED DAMPER TO BE INTERLOCKED WITH EF-H-16. INTERLOCK SHALL OPERATE AS FOLLOWS, WHEN EF-H-16 IS ENERGIZED THE DAMPER SHALL OPEN, WHEN EF-H-16 IS DE-ENERGIZED THE DAMPER SHALL CLOSE. MOTORIZED DAMPER SHALL ONLY BE ENERGIZED UPON TIMER SWITCH.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OR MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

PIPE INSULATION SHALL BE INSTALLED ON CLEAN AND DRY SURFACES ONLY. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING INSULATION AND RE-INSULATION OF EXISTING CHILLED WATER PIPING WITH OWNER, ARCHITECT AND ENGINEER PRIOR TO STARTING WORK TO ENSURE ANY REQUIRED CHILLED WATER SHUTDOWNS ARE SCHEDULE AND ACCEPTABLE TO ALL PARTIES.

VENTILATION CALCULATIONS (CENTRAL PLANT)
REFRIGERANT CLASSIFICATION - A1/B1
1. 0.5 CFM / SQFT X (3,643 SQFT) = 1,825 CFM REQUIRED: 1,825 CFM PROVIDED: 1,825 CFM 2. CHILLER AT 1,406 LBS. OF REFRIGERANT 100 X (1,406 LBS) (REFRIGERANT CHARGE LBS) = 3,750 CFM REQUIRED: 3,749 CFM PROVIDED: 3,750 CFM



N

1 **MECHANICAL ENLARGED FLOOR PLAN - CENTRAL PLANT**
Scale: 1/4" = 1'-0"

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LANDSCAPE/IRRIGATION
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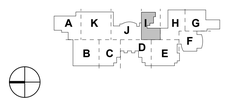
Houston, TX 77024
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	CHECKED BY
BB	VP

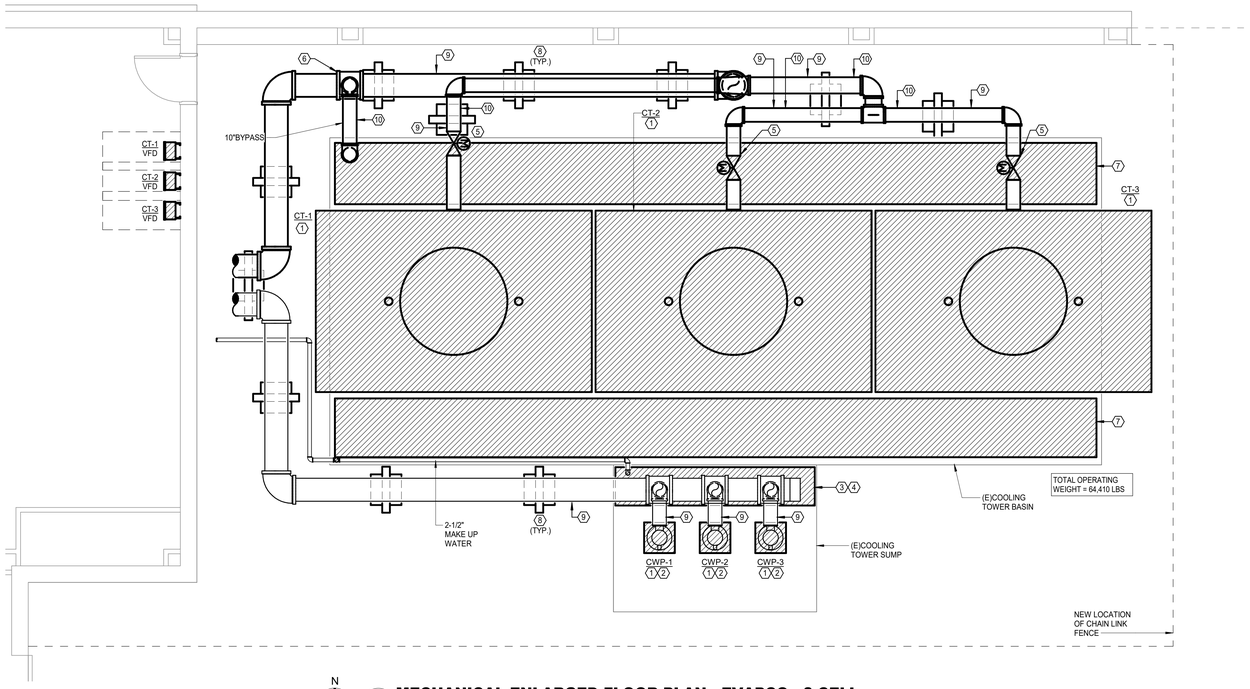
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL ENLARGED PLAN - CENTRAL PLANT

SHEET NUMBER
M-302

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00



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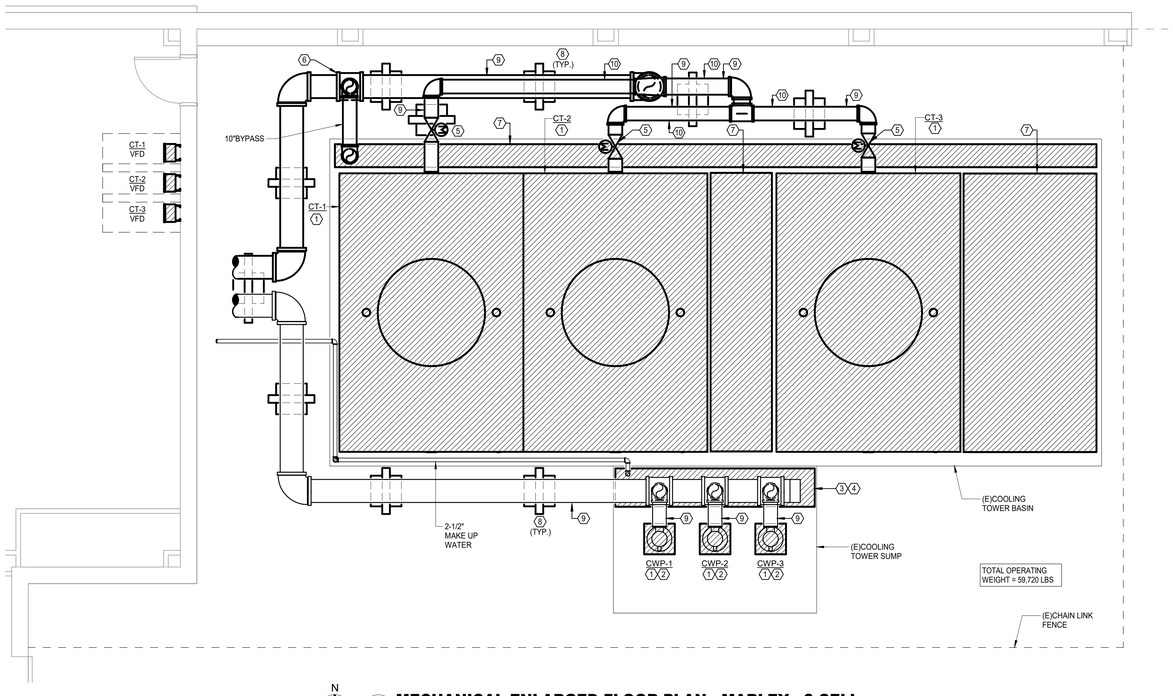
2 MECHANICAL ENLARGED FLOOR PLAN - EVAPCO - 3 CELL
Scale: 1/4" = 1'-0"



N

1 MECHANICAL ENLARGED FLOOR PLAN - MARLEY - 3 CELL
Scale: 1/4" = 1'-0"

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
2	THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

MECHANICAL KEYED NOTES

#	
1	VERIFY SERVICE CLEARANCES WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADE NOT TO OBSTRUCT.
2	MOUNT NEW VERTICAL TURBINE PUMP ON EXISTING CONCRETE SUMP AND REUSE EXISTING OPENING FOR INSTALLATION. MODIFY EXISTING OPENING AS REQUIRED TO ALLOW NEW PUMP TO BE INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS. MANUFACTURER SHALL PROVIDE NEW BASE PLATE. CONTRACTOR SHALL HAVE BASE PLATE HOT DIPPED GALVANIZED. CONTRACTOR SHALL VERIFY EXISTING SUMP DEPTH PRIOR TO BID.
3	PROVIDE NEW REMOVABLE STAINLESS STEEL SUMP SCREEN. SCREEN SHALL BE REMOVABLE THROUGH THE EXISTING SUMP ACCESS.
4	PROVIDE A CORROSION RESISTANT 1-1/4" TALL SOLID SUMP COVER WITH RECESSED HANDLES. THE COVER SHALL BE PROVIDED IN SECTIONS WITH EACH SECTION NOT EXCEEDING 50 LBS.
5	PROVIDE MOTORIZED ISOLATION VALVE AT LOCATION SHOWN.
6	PROVIDE TOWER BYPASS VALVE AT LOCATION SHOWN.
7	PROVIDE MCNICHOLS MS I-4000 SERIES FIBERGLASS GRATING WITH 0.25" GALVANIZED STEEL DIAMOND PLATE COVER WITH HANDLES. MAX 150 LBS PER SECTION. REFER TO STRUCTURAL DRAWINGS FOR SUPPORTING OF COVER.
8	PROVIDE PIPE STAND AT LOCATION SHOWN. REFER TO DETAIL.
9	REFER TO PIPING DIAGRAM FOR PIPE SIZES.
10	PIPES INDICATED SHALL BE INSTALLED AT THE SAME HEIGHT.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

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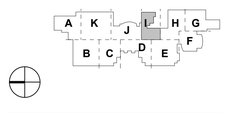
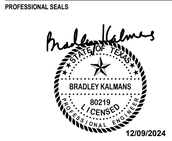
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL ENLARGED PLANS - SERVICE YARD - 3 CELL

SHEET NUMBER
M-303

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

MECHANICAL GENERAL NOTES

1	ALL DUCTS ARE INSIDE CLEAR DIMENSIONS. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
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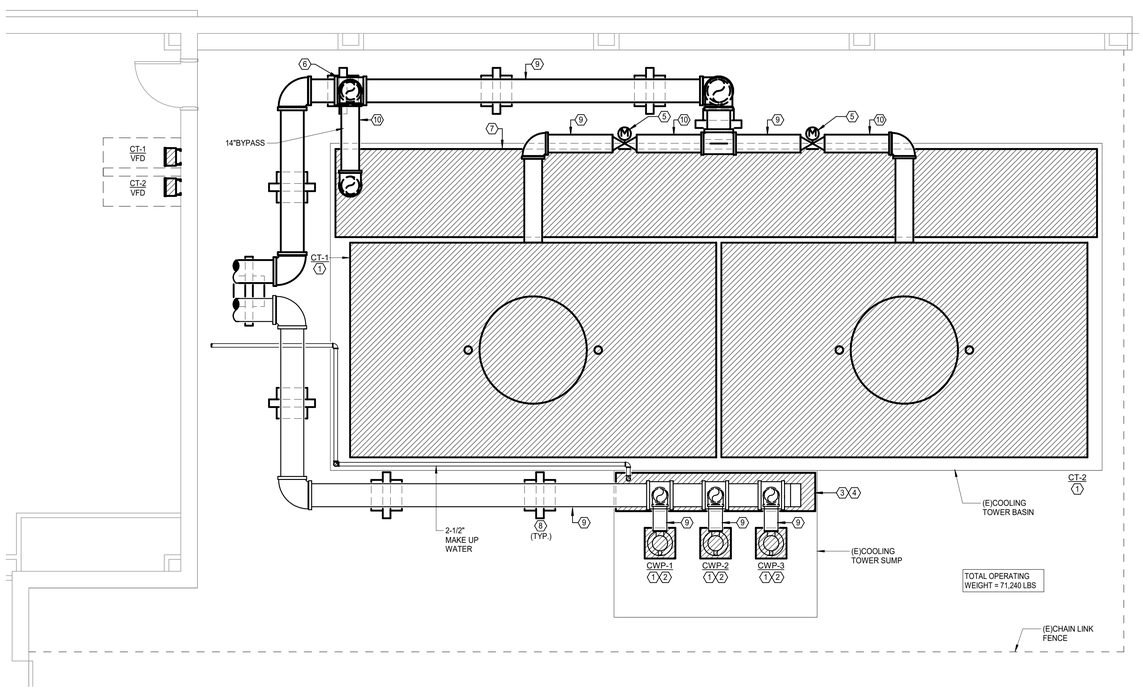
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED.
5	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS AND ARCHITECT'S REFLECTED CEILING PLAN.
6	REINSTALL ALL EXISTING AIR DEVICES IN NEW CEILING WHERE APPLICABLE. AIR DEVICES INCLUDE BUT NOT LIMITED TO: SUPPLY DIFFUSERS/GRILLES, RETURN DIFFUSERS/GRILLES, AND EXHAUST DIFFUSERS/GRILLES.
7	CONTRACTOR TO REINSTALL ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS/GRILLES IN NEW CEILING AT EXISTING LOCATION.

(#) MECHANICAL KEYED NOTES

1	VERIFY SERVICE CLEARANCES WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADE NOT TO OBSTRUCT.
2	MOUNT NEW VERTICAL TURBINE PUMP ON EXISTING CONCRETE SUMP AND REUSE EXISTING OPENING FOR INSTALLATION. MODIFY EXISTING OPENING AS REQUIRED TO ALLOW NEW PUMP TO BE INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS. MANUFACTURER SHALL PROVIDE NEW BASE PLATE. CONTRACTOR SHALL HAVE BASE PLATE HOT DIPPED GALVANIZED. CONTRACTOR SHALL VERIFY EXISTING SUMP DEPTH PRIOR TO BID.
3	PROVIDE NEW REMOVABLE STAINLESS STEEL SUMP SCREEN. SCREEN SHALL BE REMOVABLE THROUGH THE EXISTING SUMP ACCESS.
4	PROVIDE A CORROSION RESISTANT 1-1/4" TALL SOLID SUMP COVER WITH RECESSED HANDLES. THE COVER SHALL BE PROVIDED IN SECTIONS WITH EACH SECTION NOT EXCEEDING 50 LBS.
5	PROVIDE MOTORIZED ISOLATION VALVE AT LOCATION SHOWN.
6	PROVIDE TOWER BYPASS VALVE AT LOCATION SHOWN.
7	PROVIDE MCNICHOLS MS-14000 SERIES FIBERGLASS GRATING WITH 0.25" GALVANIZED STEEL DIAMOND PLATE COVER WITH HANDLES. MAX 150 LBS PER SECTION. REFER TO STRUCTURAL DRAWINGS FOR SUPPORTING OF COVER.
8	PROVIDE PIPE STAND AT LOCATION SHOWN. REFER TO DETAIL.
9	REFER TO PIPING DIAGRAM FOR PIPE SIZES.
10	PIPES INDICATED SHALL BE INSTALLED AT THE SAME HEIGHT.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE ENTIRE CONSTRUCTION SCHEDULE. THE SCOPE IS TO MAINTAIN ACCEPTABLE HUMIDITY LEVELS WITHIN THE BUILDING. THE REMOVAL OF EXCESS HUMIDITY FROM THE AIR THROUGHOUT THE BUILDING. PROVIDE MOISTURE CONTROL RENTAL EQUIPMENT AND SOLUTION FOR PREVENTING THE LONG-TERM EFFECTS OF MOISTURE LEVELS THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS, AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.



N

1 **MECHANICAL ENLARGED FLOOR PLAN - EVAPCO - 2 CELL**
Scale: 1/4" = 1'-0"

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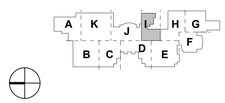
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL ENLARGED PLANS - SERVICE YARD - 2 CELL

SHEET NUMBER
M-304

MECHANICAL KEYED NOTES

1. ROUTE TYPE "L" COPPER DRAIN SIZED AS SHOWN TO NEAREST FLOOR DRAIN.
2. PROVIDE DIFFERENTIAL PRESSURE SWITCH.
3. BALANCING VALVE TO BE PROVIDED WITH INFINITE POSITION CRANK OR MEMORY STOP FOR BALANCING SERVICE. REFER TO SPECIFICATIONS.
4. PROVIDE INLINE STRAINER.
5. REFER TO DETAILS FOR MORE INFORMATION ON VERTICAL INLINE PUMP.
6. PROVIDE 2'-0" LONG X 0'-6" TALL X CHILLER BASE WIDTH CONCRETE PAD UNDER CHILLER FOOTINGS AS SHOWN.
7. PROVIDE BALL VALVE WITH HOSE THREAD ADAPTER AT FULL SIZE OR AT SIZED INDICATED.
8. CHILLER VALVES SHALL BE INSTALLED AT 10'-0" TO ALLOW CHILLER TO BE REMOVED. PROVIDE WITH CHAIN OPERATORS.
9. REFER TO DETAIL FOR MORE INFORMATION ON AIR/DIRT SEPARATOR SUPPORT.
10. PROVIDE ISOLATION VALVE AND BLIND FLANGE FOR TEMPORARY CONNECTION.
11. PROVIDE AN ERNEST GAUGE #E-57-3 BRONZE BODY SIGHT GLASS WITH S.S. SHAFT, PLASTIC SPINNER AND DOUBLE WINDOW. OPERATING TEMPERATURE AND PRESSURE SHALL BE 200°F, 125 PSI MINIMUM.
12. PROVIDE ISOLATION VALVE AS CLOSE AS POSSIBLE TO POT FEEDER. ISOLATION VALVE SHALL NOT BE INSTALLED HIGHER THAN CHEMICAL FEEDER.
13. PROVIDE MOTORIZED ISOLATION VALVE.
14. EXISTING MOTORIZED ISOLATION VALVE TO REMAIN.
15. EXISTING FLOW METER TO REMAIN.
16. EXISTING BMCS INPUT TO REMAIN.
17. AIR/DIRT SEPARATOR SHALL BE SUPPORTED FROM GROUND. REFER TO MANUFACTURER FOR INSTALLATION INSTRUCTIONS. REFER TO STRUCTURAL DRAWINGS FOR SUPPORTING OF OF AIR/DIRT SEPARATOR.
18. PROVIDE DIFFERENTIAL PRESSURE SENSOR.
19. PROVIDE NEW DIFFERENTIAL PRESSURE SENSOR AT EXISTING LOCATION. MODIFY EXISTING PIPING TO ACCOMMODATE NEW SENSOR.
20. PROVIDE NEW FLOW METER AT EXISTING LOCATION. MODIFY EXISTING PIPING TO ACCOMMODATE NEW FLOW METER.
21. PROVIDE NEW MOTORIZED ISOLATION VALVE AT EXISTING LOCATION. MODIFY EXISTING PIPING TO ACCOMMODATE NEW MOTORIZED VALVE.
22. PROVIDE NEW BMCS INPUT AT EXISTING LOCATION. MODIFY EXISTING PIPING TO ACCOMMODATE NEW BMCS INPUT.

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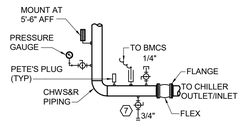
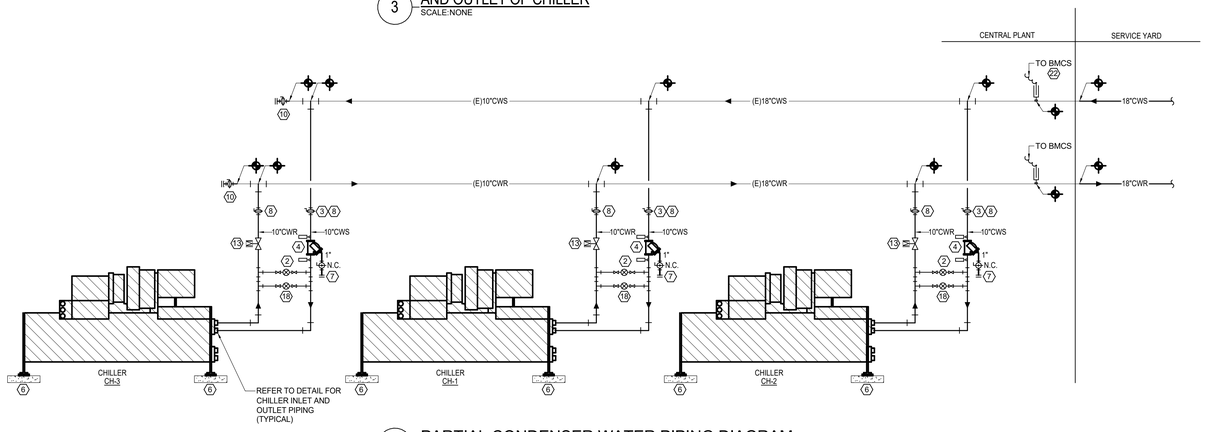
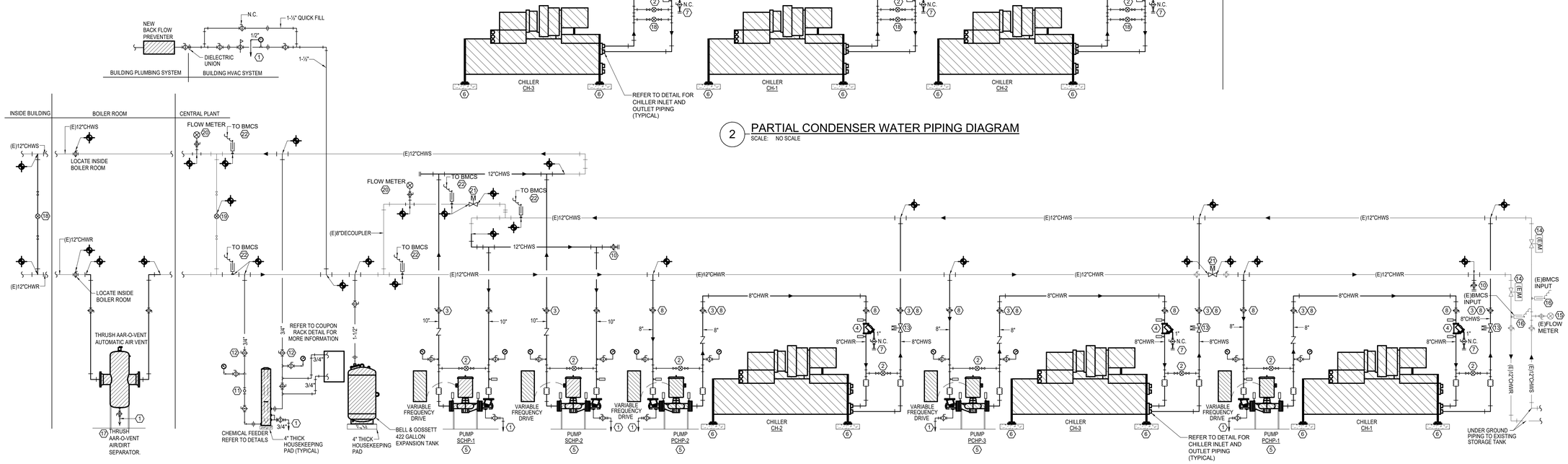


3 TYPICAL PIPING AT INLET AND OUTLET OF CHILLER
SCALE:NONE



2 PARTIAL CONDENSER WATER PIPING DIAGRAM
SCALE: NO SCALE



1 CHILLED WATER PIPING DIAGRAM
SCALE: NO SCALE

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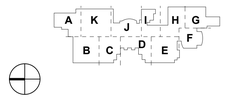
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

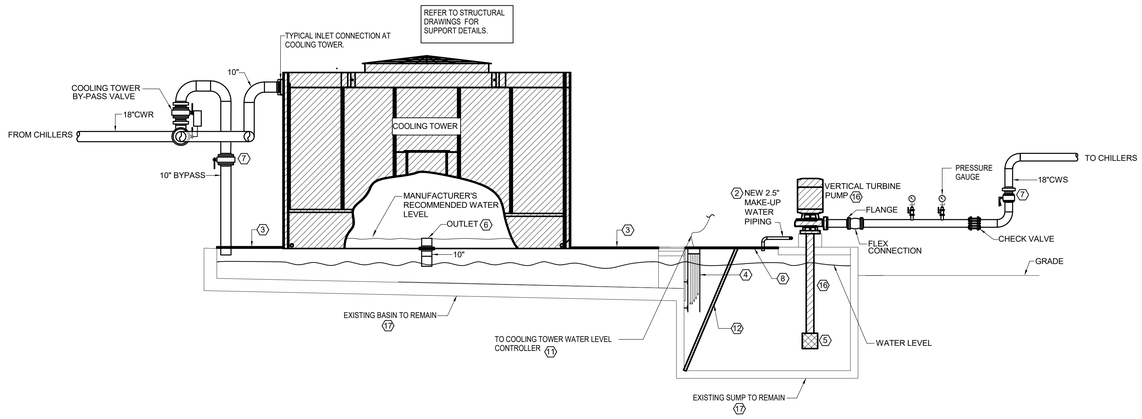
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

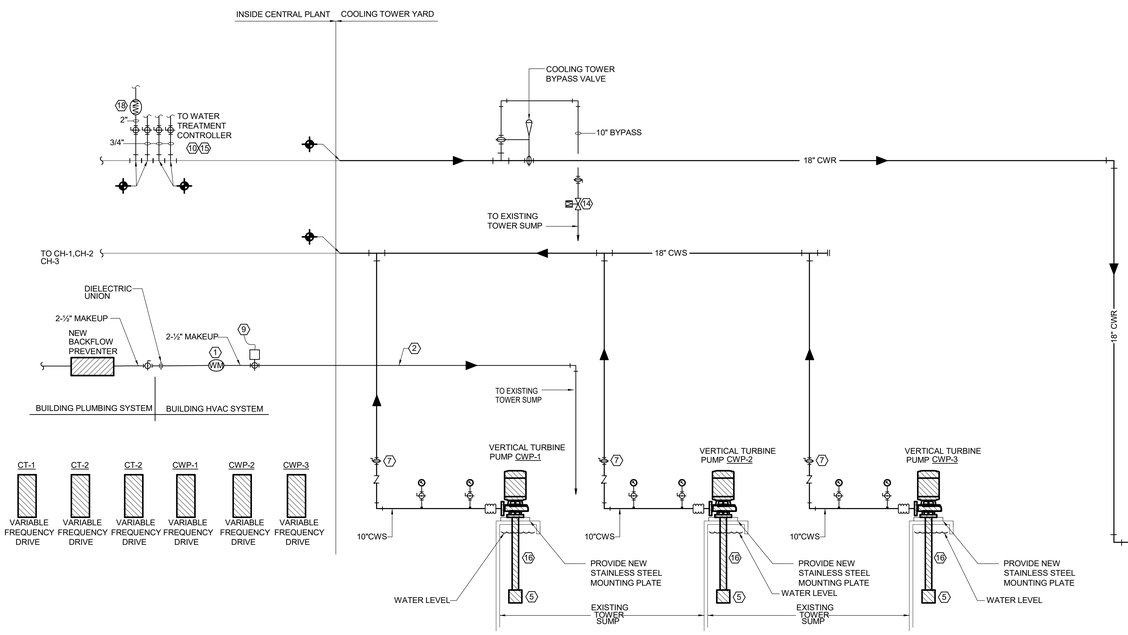
SHEET NAME
MECHANICAL PIPING DIAGRAM - CHILLED AND CONDENSER WATER

SHEET NUMBER
M-401



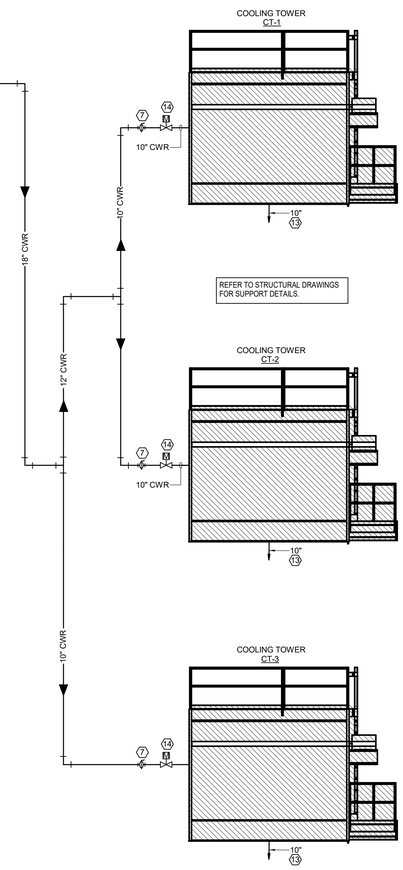
2 COOLING TOWER AND SUMP DIAGRAM

SCALE: NO SCALE



1 PARTIAL CONDENSER WATER PIPING DIAGRAM

SCALE: NONE



MECHANICAL KEYED NOTES

1. PROVIDE AND INSTALL A VOLUMETRIC WATER METER. REFER TO COOLING TOWER SPECIFICATIONS FOR METER REQUIREMENTS.
2. PROVIDE NEW MAKE-UP WATER PIPING AT SIZE INDICATED.
3. PROVIDE MCNICHOLS MS I-4000 SERIES FIBERGLASS GRATING WITH 0.25" GALVANIZED STEEL DIAMOND PLATE COVER WITH HANDLES. MAX 150 LBS PER SECTION. REFER TO STRUCTURAL DRAWINGS FOR SUPPORTING OF COVER.
4. PROVIDE WATERLINE CONTROLS MODEL WLC-5000 WATER LEVEL CONTROL KIT COMPLETE WITH SENSORS, SENSOR WIRE, CONTROLLER, AND MOUNTING ASSEMBLY.
5. PUMP BELL WITH STAINLESS STEEL STRAINER.
6. EXTEND PIPE TO MANUFACTURER'S RECOMMENDED WATER LEVEL. FLANGE INSIDE AND OUTSIDE OF TOWER.
7. BALANCING VALVE TO BE PROVIDED WITH INFINITE POSITION CRANK OR MEMORY STOP FOR BALANCING SERVICE. REFER TO SPECIFICATIONS.
8. GALVANIZED DIAMOND PLATE SOLID COVER WITH HANDLES. PROVIDE SEPARATE SECTIONS TO SPAN ENTIRE OPENING. EACH SECTION TO BE A MAXIMUM OF 150 LBS.
9. PROVIDE 2.5" MOTORIZED BALL VALVE AND ACTUATOR AS SPECIFIED AND INTEGRATE TO BE OPERATED BY NEW COOLING TOWER WATER LEVEL CONTROLLER (WATERLINE CONTROLS).
10. PROVIDE (4) 3/4" TAPS EACH WITH BALL VALVE FOR WATER TREATMENT CONNECTIONS. COORDINATE ALL CHEMICAL TREATMENT CONNECTIONS WITH NALCO PRIOR TO INSTALLATIONS.
11. COOLING TOWER WATER LEVEL CONTROLLER (WATERLINE CONTROLS) INSTALLED IN CENTRAL PLANT. RE: M-302 FOR LOCATION.
12. PROVIDE NEW REMOVABLE STAINLESS STEEL SUMP SCREEN. SCREEN SHALL BE REMOVABLE THROUGH THE EXISTING SUMP ACCESS.
13. TO EXISTING SUMP AND BASIN. REFER TO 2/M-402 FOR COOLING TOWER SUMP AND BASIN DETAIL.
14. PROVIDE MOTORIZED ISOLATION VALVE.
15. PROVIDE COOLING TOWER BLOWDOWN LINE, VALVE, AND WATER METER. WATER METER SHALL BE PROVIDED BY WATER TREATMENT VENDOR ON BLOWDOWN LINES OF COOLING TOWER AND INSTALLED BY MECHANICAL CONTRACTOR. COORDINATE COOLING TOWER BLOWDOWN VALVE ACTUATOR REQUIREMENTS WITH NALCO PRIOR TO INSTALLATION. BLOWDOWN LINE SHALL FOLLOW EXISTING ROUTING.
16. COORDINATE PUMP LENGTH WITH EXISTING CONCRETE SUMP.
17. EXISTING CONCRETE BASIN AND SUMP SHALL BE DRAINED. ALL DEBRIS SHALL BE REMOVED. EXISTING BASIN AND SUMP SHALL PRESSURED WASHED TO LIKE NEW CONDITIONS. PRESSURE WASHING SHALL INCLUDE SUMP SCREENS.
18. PROVIDE AND INSTALL A BLOWDOWN VOLUMETRIC WATER METER. REFER TO COOLING TOWER SPECIFICATIONS FOR METER REQUIREMENTS.

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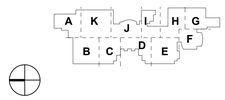
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE

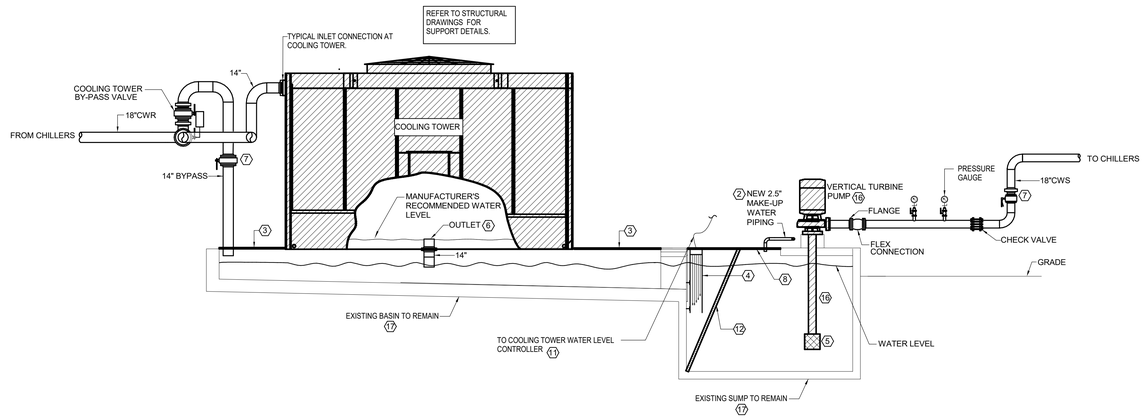
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

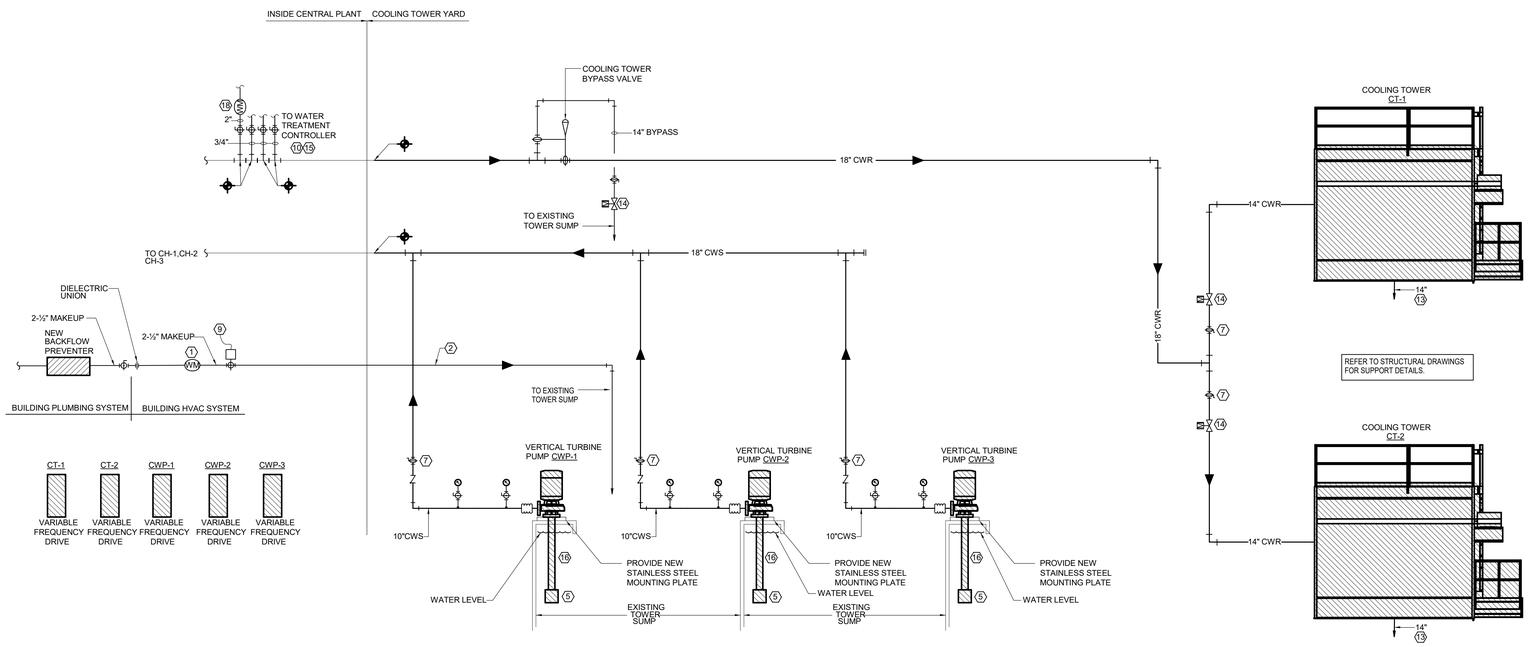
MECHANICAL PIPING DIAGRAM - 3 CELL

SHEET NUMBER

M-402



2 COOLING TOWER AND SUMP DIAGRAM
SCALE: NO SCALE



1 PARTIAL CONDENSER WATER PIPING DIAGRAM
SCALE: NONE

MECHANICAL KEYED NOTES

1. PROVIDE AND INSTALL A VOLUMETRIC WATER METER. REFER TO COOLING TOWER SPECIFICATIONS FOR METER REQUIREMENTS.
2. PROVIDE NEW MAKE-UP WATER PIPING AT SIZE INDICATED.
3. PROVIDE MCNICHOLS MS I-4000 SERIES FIBERGLASS GRATING WITH 0.25" GALVANIZED STEEL DIAMOND PLATE COVER WITH HANDLES. MAX 150 LBS PER SECTION. REFER TO STRUCTURAL DRAWINGS FOR SUPPORTING OF COVER.
4. PROVIDE WATERLINE CONTROLS MODEL WLC-5000 WATER LEVEL CONTROL KIT COMPLETE WITH SENSORS, SENSOR WIRE, CONTROLLER, AND MOUNTING ASSEMBLY.
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6. EXTEND PIPE TO MANUFACTURER'S RECOMMENDED WATER LEVEL. FLANGE INSIDE AND OUTSIDE OF TOWER.
7. BALANCING VALVE TO BE PROVIDED WITH INFINITE POSITION CRANK OR MEMORY STOP FOR BALANCING SERVICE. REFER TO SPECIFICATIONS.
8. GALVANIZED DIAMOND PLATE SOLID COVER WITH HANDLES. PROVIDE SEPARATE SECTIONS TO SPAN ENTIRE OPENING. EACH SECTION TO BE A MAXIMUM OF 150 LBS.
9. PROVIDE 2.5" MOTORIZED BALL VALVE AND ACTUATOR AS SPECIFIED AND INTEGRATE TO BE OPERATED BY NEW COOLING TOWER WATER LEVEL CONTROLLER (WATERLINE CONTROLS).
10. PROVIDE (4) 3/4" TAPS EACH WITH BALL VALVE FOR WATER TREATMENT CONNECTIONS. COORDINATE ALL CHEMICAL TREATMENT CONNECTIONS WITH NALCO PRIOR TO INSTALLATIONS.
11. COOLING TOWER WATER LEVEL CONTROLLER (WATERLINE CONTROLS) INSTALLED IN CENTRAL PLANT. RE: M-302 FOR LOCATION.
12. PROVIDE NEW REMOVABLE STAINLESS STEEL SUMP SCREEN. SCREEN SHALL BE REMOVABLE THROUGH THE EXISTING SUMP ACCESS.
13. TO EXISTING SUMP AND BASIN. REFER TO 2/M-403 FOR COOLING TOWER SUMP AND BASIN DETAIL.
14. PROVIDE MOTORIZED ISOLATION VALVE.
15. PROVIDE COOLING TOWER BLOWDOWN LINE, VALVE, AND WATER METER. WATER METER SHALL BE PROVIDED BY WATER TREATMENT VENDOR ON BLOWDOWN LINES OF COOLING TOWER AND INSTALLED BY MECHANICAL CONTRACTOR. COORDINATE COOLING TOWER BLOWDOWN VALVE ACTUATOR REQUIREMENTS WITH NALCO PRIOR TO INSTALLATION. BLOWDOWN LINE SHALL FOLLOW EXISTING ROUTING.
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18. PROVIDE AND INSTALL A BLOWDOWN VOLUMETRIC WATER METER. REFER TO COOLING TOWER SPECIFICATIONS FOR METER REQUIREMENTS.

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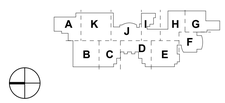
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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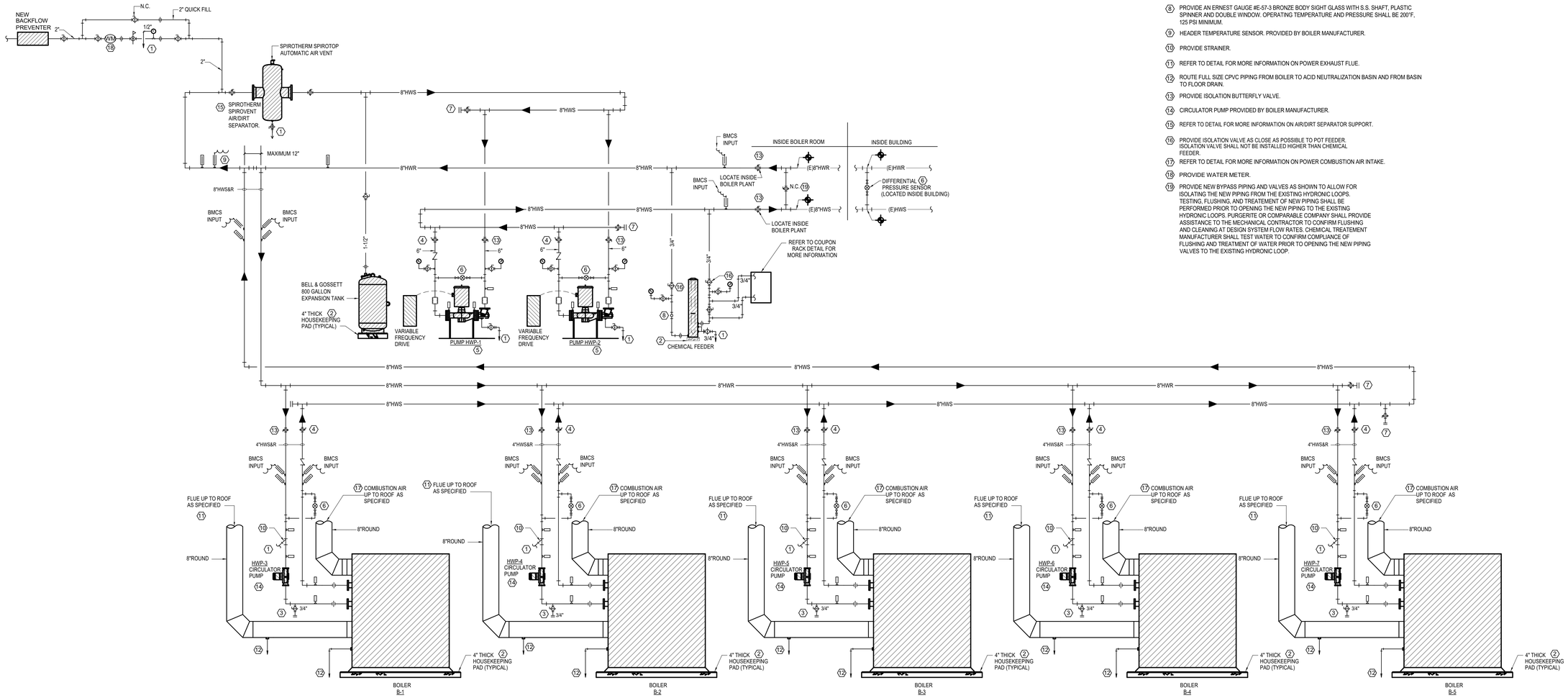
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL PIPING DIAGRAM - 2 CELL

SHEET NUMBER
M-403



1 HOT WATER PIPING DIAGRAM
SCALE: NOT SCALE

HOT WATER KEYED NOTES

1. ROUTE FULL SIZE TYPE "L" COPPER DRAIN LINE TO NEAREST FLOOR DRAIN.
2. PROVIDE 4" CONCRETE HOUSEKEEPING PAD.
3. PROVIDE DRAIN BALL VALVE WITH HOSE THREAD ADAPTER.
4. BALANCING VALVE TO BE PROVIDED WITH INFINITE POSITION CRANK OR MEMORY STOP FOR BALANCING SERVICE.
5. PROVIDE VERTICAL INLINE PUMP. REFER TO DETAILS.
6. PROVIDE DIFFERENTIAL PRESSURE SWITCH.
7. PROVIDE ISOLATION VALVE AND BLIND FLANGE FOR TEMPORARY CONNECTION.
8. PROVIDE AN ERNEST GAUGE #E-57-3 BRONZE BODY SIGHT GLASS WITH S.S. SHAFT, PLASTIC SPINNER AND DOUBLE WINDOW. OPERATING TEMPERATURE AND PRESSURE SHALL BE 200°F, 125 PSI MINIMUM.
9. HEADER TEMPERATURE SENSOR. PROVIDED BY BOILER MANUFACTURER.
10. PROVIDE STRAINER.
11. REFER TO DETAIL FOR MORE INFORMATION ON POWER EXHAUST FLUE.
12. ROUTE FULL SIZE CPVC PIPING FROM BOILER TO ACID NEUTRALIZATION BASIN AND FROM BASIN TO FLOOR DRAIN.
13. PROVIDE ISOLATION BUTTERFLY VALVE.
14. CIRCULATOR PUMP PROVIDED BY BOILER MANUFACTURER.
15. REFER TO DETAIL FOR MORE INFORMATION ON AIR/DIRT SEPARATOR SUPPORT.
16. PROVIDE ISOLATION VALVE AS CLOSE AS POSSIBLE TO POT FEEDER. ISOLATION VALVE SHALL NOT BE INSTALLED HIGHER THAN CHEMICAL FEEDER.
17. REFER TO DETAIL FOR MORE INFORMATION ON POWER COMBUSTION AIR INTAKE.
18. PROVIDE WATER METER.
19. PROVIDE NEW BYPASS PIPING AND VALVES AS SHOWN TO ALLOW FOR ISOLATING THE NEW PIPING FROM THE EXISTING HYDRONIC LOOPS. TESTING, FLUSHING, AND TREATEMENT OF NEW PIPING SHALL BE PERFORMED PRIOR TO OPENING THE NEW PIPING TO THE EXISTING HYDRONIC LOOPS. PURGERITE OR COMPARABLE COMPANY SHALL PROVIDE ASSISTANCE TO THE MECHANICAL CONTRACTOR TO CONFIRM FLUSHING AND CLEANING AT DESIGN SYSTEM FLOW RATES. CHEMICAL TREATEMENT MANUFACTURER SHALL TEST WATER TO CONFIRM COMPLIANCE OF FLUSHING AND TREATMENT OF WATER PRIOR TO OPENING THE NEW PIPING VALVES TO THE EXISTING HYDRONIC LOOP.

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Project No: 2023-05942-00

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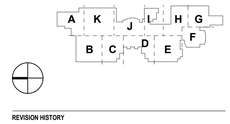
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

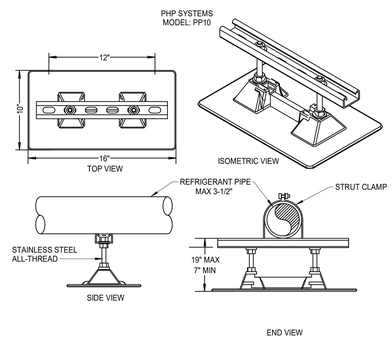
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

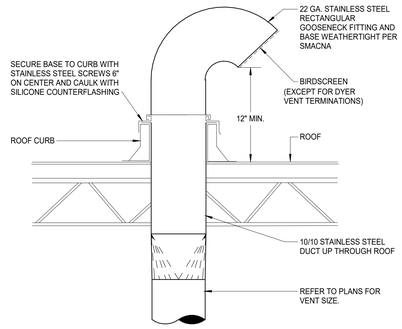
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL PIPING DIAGRAM - HOT WATER

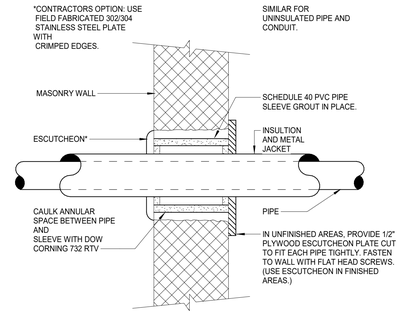
SHEET NUMBER
M-404



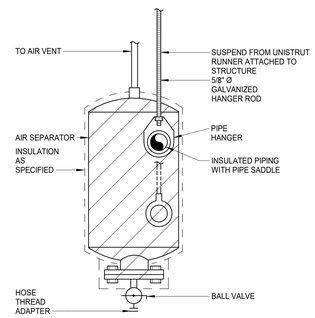
18 REFRIGERANT PIPE SUPPORT ON ROOF
SCALE: NONE



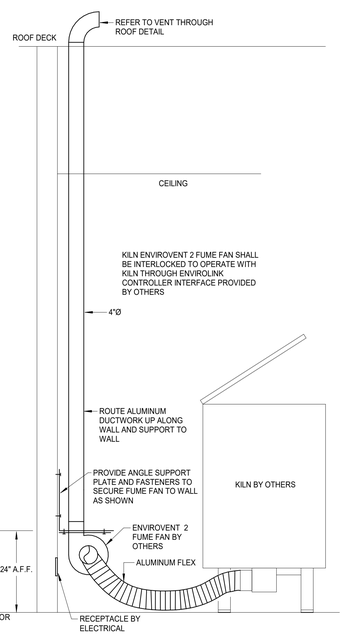
15 VENT THROUGH ROOF
SCALE: NONE



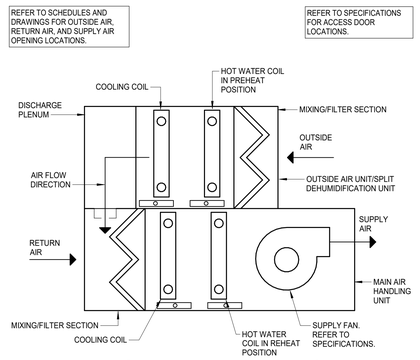
11 PIPE THROUGH EXTERIOR WALL
SCALE: NONE



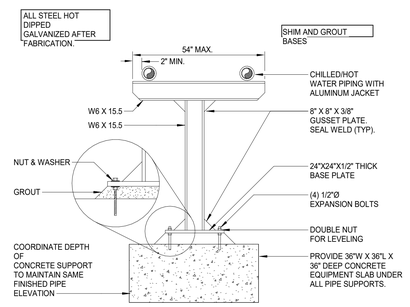
7 SUPPORT AT AIR/DIRT SEPARATOR
SCALE: NONE



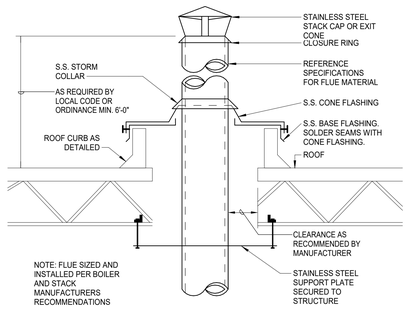
17 KILN EXHAUST DETAIL
SCALE: NONE



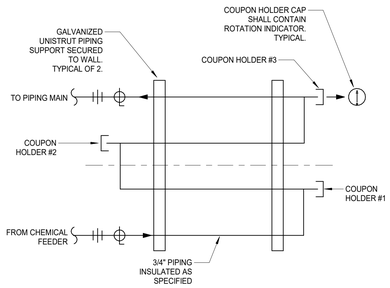
14 AHU WITH SPLIT DEHUMIDIFICATION UNIT DIAGRAM
SCALE: NONE



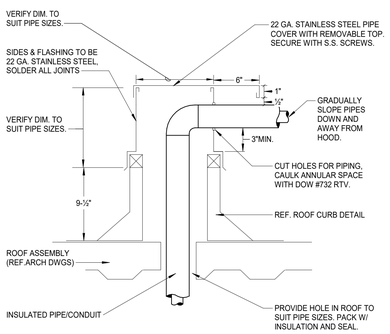
10 PIPE STAND
SCALE: NONE



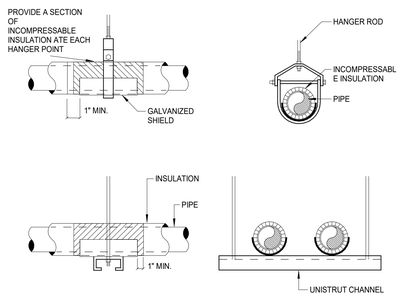
6 POWER EXHAUSTED BOILER FLUE THRU ROOF
SCALE: NONE



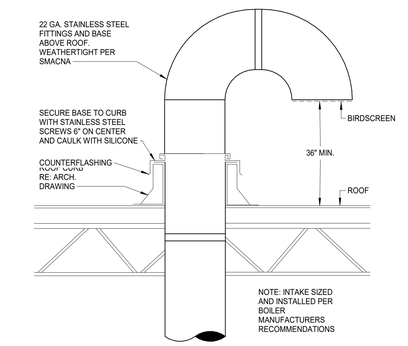
3 COUPON RACK
SCALE: NONE



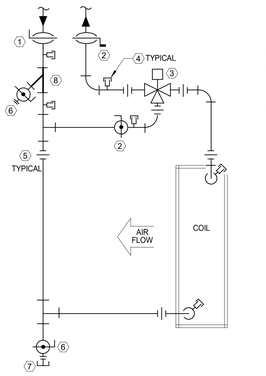
13 INSULATED PIPE THRU ROOF
SCALE: NONE



9 PIPE HANGERS
SCALE: NONE



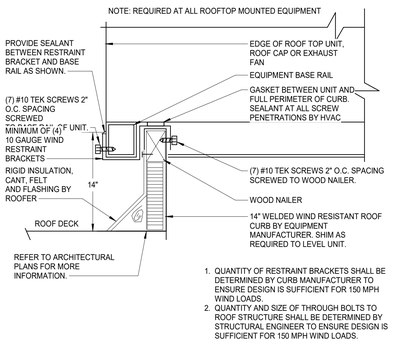
POWER EXHAUSTED BOILER COMBUSTION AIR INTAKE THRU ROOF
SCALE: NONE



KEYED NOTES:

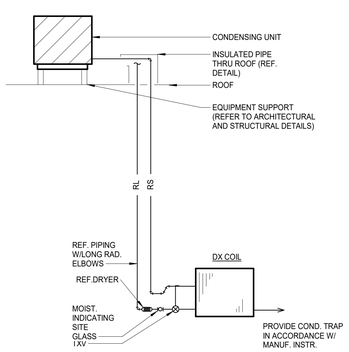
1. SHUT OFF VALVE
2. BALANCING VALVE
3. CONTROL VALVE
4. TEMPERATURE/PRESSURE TEST STATION
5. UNION (2" & SMALLER ONLY, FLANGE CONNECTION FOR LARGER PIPES)
6. 1/2" BALL VALVE WITH HOSE THREAD ADAPTER, CAP AND CHAIN
7. DIRT LEG
8. PIPE STRAINER

2 PIPING AT WATER COIL 3-WAY
SCALE: NONE

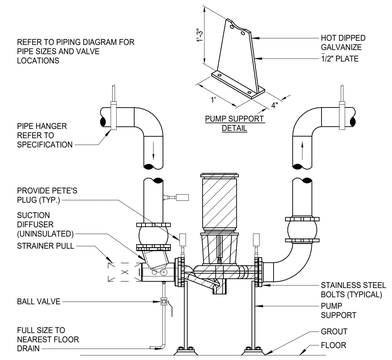


1. QUANTITY OF RESTRAINT BRACKETS SHALL BE DETERMINED BY CURB MANUFACTURER TO ENSURE DESIGN IS SUFFICIENT FOR 150 MPH WIND LOADS.
2. QUANTITY AND SIZE OF THROUGH BOLTS TO ROOF STRUCTURE SHALL BE DETERMINED BY STRUCTURAL ENGINEER TO ENSURE DESIGN IS SUFFICIENT FOR 150 MPH WIND LOADS.

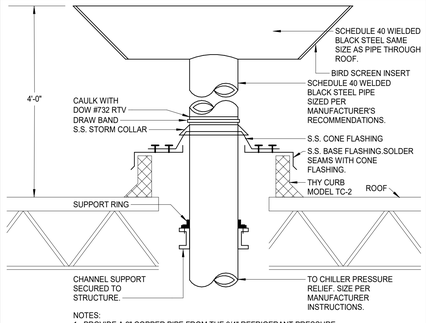
16 WIND RESISTANT ROOF CURB
SCALE: NONE



12 REFRIGERANT PIPING DIAGRAM
SCALE: NONE



8 VERTICAL INLINE PUMP SUPPORT
SCALE: NONE



NOTES:
1. PROVIDE A 2" COPPER PIPE FROM THE 3/4" REFRIGERANT PRESSURE RELIEF VALVES LOCATED ON THE CHILLERS THROUGH THE EXTERIOR WALL. THE DICHARGE POINT SHALL BE 15 FEET ABOVE GRADE AND 20 FEET FROM ANY OPENING INTO THE BUILDING.
2. PROVIDE DRAIN AT LOWEST END OF RELIEF PIPING AT CHILLER

4 CHILLER PRESSURE RELIEF PIPE
SCALE: NONE

KEYED NOTES:

1. SHUT OFF VALVE
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3. CONTROL VALVE
4. TEMPERATURE/PRESSURE TEST STATION
5. UNION (2" & SMALLER ONLY, FLANGE CONNECTION FOR LARGER PIPES)
6. 1/2" BALL VALVE WITH HOSE THREAD ADAPTER, CAP AND CHAIN
7. DIRT LEG
8. PIPE STRAINER

1 PIPING AT WATER COIL 2-WAY
SCALE: NONE

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BB	VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

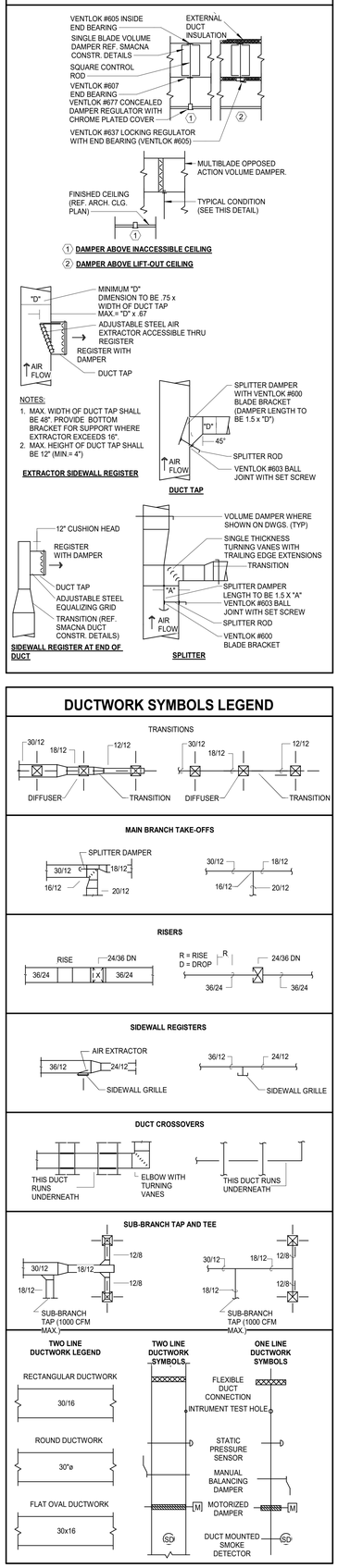
SHEET NAME
MECHANICAL DETAILS

SHEET NUMBER
M-501

SYMBOL LEGEND

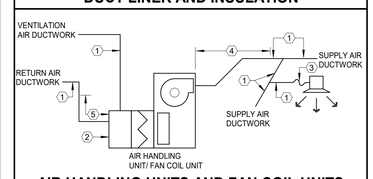
SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
GENERAL	
#	KEY NOTE TAG
#	REVISION TAG
	NEW EQUIPMENT
DUCTWORK	
	SUPPLY AIR DUCTWORK
	RETURN AIR AND OUTSIDE AIR DUCTWORK
	EXHAUST AIR DUCTWORK
	FLEXIBLE DUCTWORK
	SUPPLY AIR DUCTWORK THROUGH HORIZONTAL PARTITION
	RETURN AIR DUCTWORK THROUGH HORIZONTAL PARTITION
	EXHAUST AIR DUCTWORK THROUGH HORIZONTAL PARTITION
	FIRE DAMPER (VERTICAL)
	FIRE DAMPER (HORIZONTAL)
S	SMOKE DAMPER (VERTICAL)
S	SMOKE DAMPER (HORIZONTAL)
FS	COMBINATION FIRE & SMOKE DAMPER (VERTICAL)
FS	COMBINATION FIRE & SMOKE DAMPER (HORIZONTAL)
M	MANUAL BALANCING DAMPER (SEE DAMPER SCHEDULE)
M	MOTORIZED DAMPER (SEE DAMPER SCHEDULE)
SENSORS	
T	THERMOSTAT AND TEMPERATURE SENSOR
H	HUMIDISTAT
SD	SMOKE DETECTOR
HD	HEAT DETECTOR
AIR DEVICES	
-	GRILLE SIZE TAG (REFER TO GRILLE SIZE LEGEND)
	SUPPLY AIR GRILLE WITH FOUR-WAY THROW
	RETURN AIR GRILLE
	RETURN AIR GRILLE WITH SOUND BOOT
	EXHAUST AIR GRILLE
	SUPPLY AIR SIDEWALL GRILLE
	RETURN AIR SIDEWALL GRILLE
20X12	RETURN AIR OPENING ABOVE CEILING
PIPING	
—CWS&R—	CONDENSER WATER SUPPLY & RETURN (TOTAL OF TWO PIPES, ONLY ONE PIPE SHOWN FOR DRAWING CLARITY)
—CWS—	CONDENSER WATER SUPPLY
—CWR—	CONDENSER WATER RETURN
—CHWS&R—	CHILLED WATER SUPPLY & RETURN (TOTAL OF TWO PIPES, ONLY ONE PIPE SHOWN FOR DRAWING CLARITY)
—CHWS—	CHILLED WATER SUPPLY
—CHWR—	CHILLED WATER RETURN
—HWS&R—	HOT WATER FOR HYDRONIC HEATING SUPPLY & RETURN (TOTAL OF TWO PIPES, ONLY ONE PIPE SHOWN FOR DRAWING CLARITY)
—HWS—	HOT WATER FOR HYDRONIC HEATING SUPPLY
—HWR—	HOT WATER FOR HYDRONIC HEATING RETURN
—D—	CONDENSATE DRAIN LINE
—RLR—	REFRIGERANT LIQUID & GAS RECIRCULATION LINE (TOTAL OF TWO PIPES, ONLY ONE PIPE SHOWN FOR DRAWING CLARITY)
—RL—	REFRIGERANT LIQUID LINE
—HG—	REFRIGERANT HOT GAS LINE
—RS—	REFRIGERANT SUCTION LINE
	ELBOW UP
	ELBOW DOWN
	90° ELBOW
	45° ELBOW
	TEE
	TEE DOWN
	TEE UP
	TOP BRANCH CONNECTION
	BOTTOM BRANCH CONNECTION
	FLANGE
	CAP
	CONTINUATION
	FLOOR DRAIN (REFER TO PLUMBING DRAWINGS)
	GATE VALVE
	GLOBE VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	BUTTERFLY VALVE WITH OPERATOR
	PLUG VALVE
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	PRESSURE REDUCING VALVE
PR	PRESSURE RELIEF VALVE
	BALL VALVE
	STRAINER
	UNION
	THERMOMETER WELL
	PETE'S PLUG
	PRESSURE GAUGE
	TEMPERATURE SENSOR IN PIPE
	VENTURI FLOW METER
	FLOW SWITCH
FM	FLOW MEASURING STATION
	EXPANSION JOINT
	FLEXIBLE CONNECTION
G.C.	GAUGE COCK
	SITE GLASS
	DIFFERENTIAL PRESSURE SENSOR
	TURBINE FLOW METER
	ANCHOR
	PIPE GUIDE
SUBSCRIPTS AND ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
BBS	BELOW BOTTOM OF STRUCTURE
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
CA	COMBUSTION AIR
CFM	CUBIC FEET PER MINUTE
EA	EXHAUST AIR
FPM	FEET PER MINUTE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

DUCTWORK CONSTRUCTION DETAILS

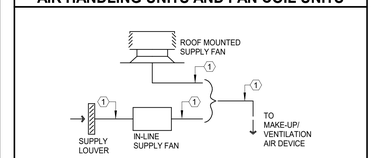


DUCTWORK SYMBOLS LEGEND

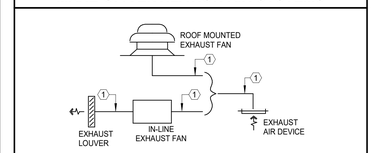
DUCT LINER AND INSULATION



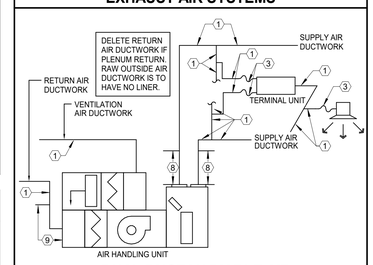
AIR HANDLING UNITS AND FAN COIL UNITS



MAKE-UP/VENTILATION AIR SYSTEMS



EXHAUST AIR SYSTEMS



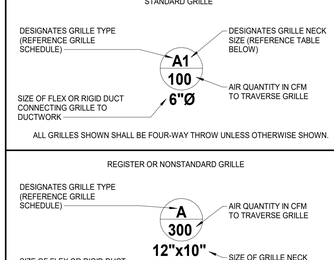
DUAL DUCT VARIABLE AIR VOLUME AIR HANDLING UNITS W/ SPLIT DEHUMIDIFICATION UNITS

KEYED NOTES:

1. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED.
2. SHEETMETAL DUCTWORK RETURN AIR PLENUM WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED.
3. FLEXIBLE DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED.
4. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED AND 1" THICK 1-1/2 LB LINER AS SPECIFIED FROM AIR HANDLING UNIT DISCHARGE TO 10'-0" DOWNSTREAM.
5. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED AND 1" THICK 1-1/2 LB LINER AS SPECIFIED FROM AIR HANDLING UNIT INLET TO 10'-0" UPSTREAM.
6. EXHAUST DUCTWORK AS SPECIFIED WITH FIREBOARD INSULATION AS SPECIFIED.
7. SHEETMETAL DUCTWORK ONLY. NO INSULATION REQUIRED.
8. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED AND 1" THICK 1-1/2 LB LINER AS SPECIFIED FROM AIR HANDLING UNIT DISCHARGE TO 25'-0" DOWNSTREAM.
9. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED AND 1" THICK 1-1/2 LB LINER AS SPECIFIED FROM AIR HANDLING UNIT INLET TO 25'-0" UPSTREAM.

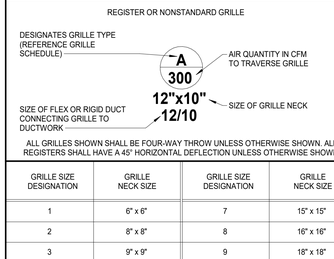
GRILLE SIZING SCHEDULE

STANDARD GRILLE



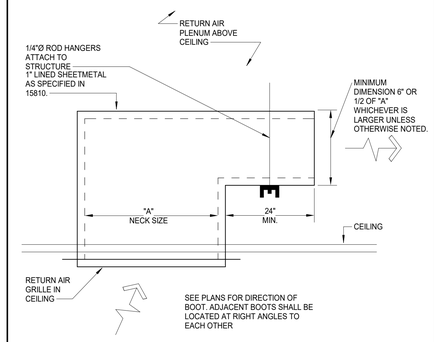
ALL GRILLES SHOWN SHALL BE FOUR-WAY THROW UNLESS OTHERWISE SHOWN.

REGISTER OR NONSTANDARD GRILLE



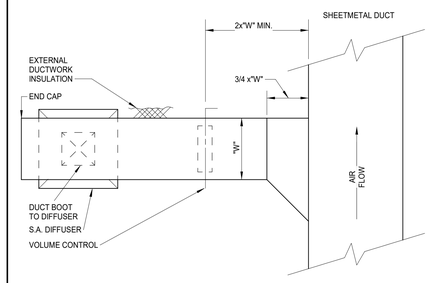
ALL GRILLES SHOWN SHALL BE FOUR-WAY THROW UNLESS OTHERWISE SHOWN. ALL REGISTERS SHALL HAVE A 45° HORIZONTAL DEFLECTION UNLESS OTHERWISE SHOWN.

GRILLE SIZE DESIGNATION	GRILLE NECK SIZE	GRILLE SIZE DESIGNATION	GRILLE NECK SIZE
1	6" x 6"	7	15" x 15"
2	8" x 8"	8	16" x 16"
3	9" x 9"	9	18" x 18"
4	10" x 10"	10	20" x 20"
5	12" x 12"	11	22" x 22"
6	14" x 14"	12	24" x 24"



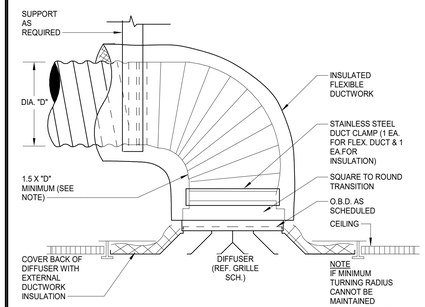
6 RETURN AIR GRILLE BOOT

SCALE: NONE



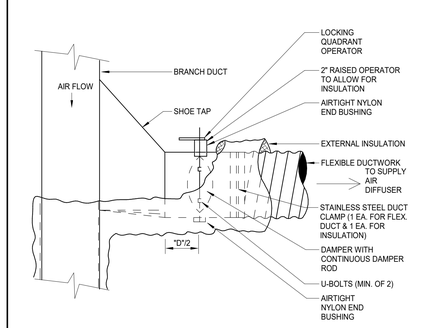
5 RIGID DUCT TAP TO SINGLE SUPPLY AIR DIFFUSER

SCALE: NONE



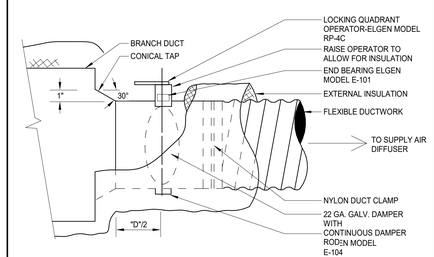
2 FLEX DUCT CONNECTION AT SUPPLY AIR DIFFUSER

SCALE: NONE



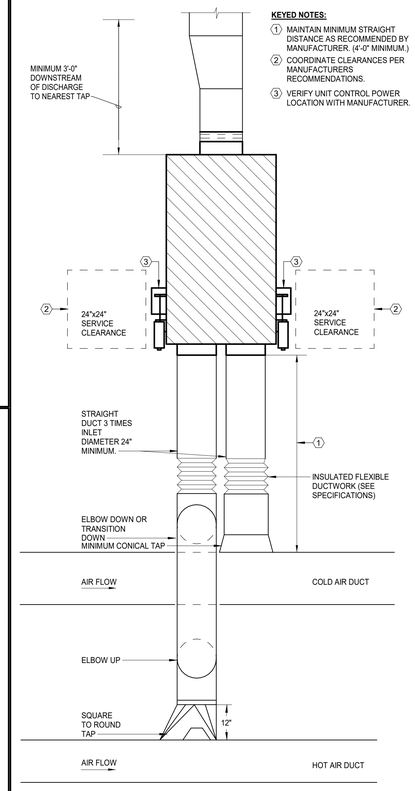
4 FLEXIBLE DUCT TAP - SHOE

SCALE: NONE



3 FLEXIBLE DUCT TAP - CONICAL

SCALE: NONE



KEYED NOTES:

1. MAINTAIN MINIMUM STRAIGHT DISTANCE AS RECOMMENDED BY MANUFACTURER. (4'-0" MINIMUM.)
2. COORDINATE CLEARANCES PER MANUFACTURERS RECOMMENDATIONS.
3. VERIFY UNIT CONTROL POWER LOCATION WITH MANUFACTURER.

1 DUAL-DUCT BOX INSTALLATION

SCALE: NONE

Salas O'Brien
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Houston
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Registration: F-4111
Project No: 2023-05942-00

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346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS 80219 LICENSED TEXAS
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
BB	VP

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

MECHANICAL DETAILS AND LEGENDS

SHEET NUMBER

M-502

CHILLED WATER FAN/COIL UNIT

MARK	FAN							COOLING							PIPE SIZE TO COIL (IN.)	REMARKS
					CURRENT			AIR TEMPERATURE (°F)				WATER				
	SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT.STATIC PRESSURE (IN. W.C.)	HORSE POWER	V	P	F	ENTERING DRY BULB	ENTERING WET BULB	MIN. TOTAL CAPACITY (BTUH)	MIN. SENSIBLE CAPACITY (BTHU)	ENTERING TEMP(°F)	GPM	PRESSURE DROP (FT.)	CHILLED WATER	
FCU-H2	2,000	0	0.80	3.0	277	1	60	62.5	75.0	56,654	47,520	45	7.1	15.0	1 1/4"	(1,2,3,4,5,6,7)
FCU-H3	2,000	0	0.80	3.0	277	1	60	62.5	75.0	56,654	47,520	45	7.1	15.0	1 1/4"	(1,2,3,4,5,6,7)
FCU-H4	2,000	0	0.80	3.0	277	1	60	62.5	75.0	56,654	47,520	45	7.1	15.0	1 1/4"	(1,2,3,4,5,6,7)

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. VELOCITY NOT TO EXCEED 500 FPM ON COOLING COIL.
2. PROVIDE HORIZONTAL UNIT.
3. PROVIDE CONSTANT VOLUME UNIT.
4. PROVIDE WITH LOW VELOCITY ANGLED FILTER SECTION.
5. PROVIDE A WATER LEVEL SENSING DEVICE IN PRIMARY DRAIN PAN. THIS DEVICE SHALL SHUT OFF UNIT IN THE EVENT THE PRIMARY DRAIN PAN LINE BECOMES RESTRICTED.
6. SUSPEND UNIT WITH FOUR THREADED HANGER RODS ATTACHED TO TWO UNISTRUT RUNNERS SECURED TO STRUCTURE. PROVIDE SPRING ISOLATION.
7. PROVIDE 2-WAY COOLING CONTROL VALVES.

DUAL DUCT AIR HANDLING UNIT

MARK	FAN							COOLING							HEATING						PIPE SIZE TO COIL (IN.)		REMARKS
					CURRENT			AIR TEMPERATURE (°F)				WATER						WATER					
	SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT. STATIC PRESSURE (IN. W.C)	HORSE POWER	V	PH	F	ENTERING DRY BULB	ENTERING WET BULB	LEAVING DRY BULB	LEAVING WET BULB	ENTERING TEMP (°F)	GPM	MAX. PRESSURE DROP (IN.)	HEATING CFM	ENTERING AIR TEMPERATURE (°F)	MIN. HEATING CAPACITY	ENTERING TEMP. (°F)	GPM	MAX. PRESSURE DROP (IN.)	CHILLED WATER	HOT WATER	
AHU-G5	9,220	1,910	2.50	10.0	480	3	60	75.0	62.5	53.0	52.5	45	33.0	15.0	7,395	68.0	215,084	180.0	14.4	10	2"	1 1/2"	(1,2,4,5,6,7,8,9,10,13)
AHU-G5A	1,910	1,910						98.0	80.0	53.0	52.5	45	23.4			27.0	57,758	180.0	3.9		2"	1"	(3,4,6,7,11,12)

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. HORIZONTAL BLOW THROUGH DUAL DUCT UNIT.
2. VELOCITY NOT TO EXCEED 500 FPM ON COOLING COIL.
3. VELOCITY NOT TO EXCEED 450 FPM ON COOLING COIL.
4. PROVIDE LOW VELOCITY ANGLED FILTER SECTION.
5. PROVIDE VARIABLE FREQUENCY DRIVE.
6. PROVIDE 2-WAY COOLING CONTROL VALVES.
7. PROVIDE 2-WAY HEATING CONTROL VALVES.
8. PROVIDE UNIT WITH TOP DISCHARGE FOR COLD DECK.
9. PROVIDE UNIT WITH TOP DISCHARGE FOR HOT DECK.
10. PROVIDE HOT WATER COIL IN REHEAT POSITION.
11. PROVIDE HOT WATER COIL IN PRE-HEAT POSITION.
12. UNIT INDICATED SHALL BE STACKED OAU FURNISHED WITH ASSOCIATED AHU (LISTED ABOVE). UNIT INCLUDES ANGLED FILTER MIXING BOX, PREHEAT COIL, ACCESS SPACE, COOLING COIL, AND DISCHARGE PLENUM. UNIT DOES NOT HAVE FAN SECTION. SPLIT DEHUMIDIFICATION UNIT SHALL DELIVER OUTSIDE AIR TO MIXING BOX SECTION OF MAIN AIR HANDLING UNIT UPSTREAM OF COIL.
13. PROVIDE WITH DIRECT DRIVE FAN. REFER TO SPECIFICATIONS.

COOLING TOWER - COUNTERFLOW - 3 CELL

MARK	ENTERING WATER TEMP.(°F)	LEAVING WATER TEMP.(°F)	GPM	AMBIENT WET BULB TEMP. (°F)	FAN HP	CURRENT V	P	F	REMARKS
CT-1	96.0	86	1,950.0	80	50	480	3	60	(1,2,3,4)
CT-2	96.0	86	1,950.0	80	50	480	3	60	(1,2,3,4)
CT-3	96.0	86	1,950.0	80	50	480	3	60	(1,2,3,4)

REMARKS:
1. PROVIDE WITH VARIABLE FREQUENCY DRIVE.
2. STAINLESS STEEL CONSTRUCTION.
3. MOTOR SHALL BE OUT OF WATER STREAM.
4. PROVIDE WITH LADDERS AND PLATFORMS.

COOLING TOWER - COUNTERFLOW - 2 CELL

VG	ENTERING WATER TEMP.(°F)	LEAVING WATER TEMP.(°F)	GPM	AMBIENT WET BULB TEMP. (°F)	FAN HP	CURRENT V	P	F	REMARKS
CT-1	96.0	86	2,925.0	80	75	480	3	60	(1,2,3,4)
CT-2	96.0	86	2,925.0	80	75	480	3	60	(1,2,3,4)

REMARKS:
1. PROVIDE WITH VARIABLE FREQUENCY DRIVE.
2. STAINLESS STEEL CONSTRUCTION.
3. MOTOR SHALL BE OUT OF WATER STREAM.
4. PROVIDE WITH LADDERS AND PLATFORMS.

BOILER - FORCED AIR

MARK	TYPE	MINIMUM GAS INPUT (MBH)	MINIMUM HEAT OUTPUT (MBH)	PRESSURE DROP (FT.H20)	GPM	FLUE SIZE	ELECTRICAL: BLOWER HORSEPOWER	CURRENT V	P	F	MANUFACTURER	MODEL NUMBER	REMARKS
B-1	CONDENSING	3000.0	2904.0	10.0	194.0	10	1	208	3	60	RBI	FLEXCORE 3000	(1,2)
B-2	CONDENSING	3000.0	2904.0	10.0	194.0	10	1	208	3	60	RBI	FLEXCORE 3000	(1,2)
B-3	CONDENSING	3000.0	2904.0	10.0	194.0	10	1	208	3	60	RBI	FLEXCORE 3000	(1,2)
B-4	CONDENSING	3000.0	2904.0	10.0	194.0	10	1	208	3	60	RBI	FLEXCORE 3000	(1,2)
B-5	CONDENSING	3000.0	2904.0	10.0	194.0	10	1	208	3	60	RBI	FLEXCORE 3000	(1,2)

GENERAL NOTES:
1. PROVIDE 8 OUNCE GAS PRESSURE TO BOILER.
2. MAINTAIN MINIMUM CLEARANCE AROUND A BOILER OF 24 INCHES PER TEXAS BOILER LAW. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS FOR SERVICE, MAINTENANCE AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCES AS REQUIRED BY NEC.

REMARKS:
1. PROVIDE WITH CIRCULATING PUMP, SIZED BY BOILER MANUFACTURER TO ENSURE CONSTANT FLOW THROUGH BOILER. PUMP TO BE SHIPPED LOOSE. POWER BY ELECTRICAL CONTRACTOR BUT CONTROLLED BY BOILER. CONTRACTOR TO WIRE FROM BOILER PUMP CONTROL CIRCUIT TO PUMP STARTER RELAY.
2. PROVIDE SEALED COMBUSTION BOILER.

WATER COOLED CHILLER

MARK	ACTUAL CAPACITY (TONS)	EVAPORATOR (FF=0.0001) LEAVING WATER TEMP.(°F)	GPM	PRESSURE DROP (FT.)	CONDENSER (FF=0.00025) ENTERING WATER TEMP.(°F)	GPM	PRESSURE DROP (FT.)	CURRENT CHARAC. V	P	F	MINIMUM KW/TON	MINIMUM NPLV	REMARKS
CH-1	650	42	975	20.0	86	1,950	20.0	480	3	60	0.5884	0.3879	(1,2,3,4)
CH-2	650	42	975	20.0	86	1,950	20.0	480	3	60	0.5884	0.3879	(1,2,3,4)
CH-3	650	42	975	20.0	86	1,950	20.0	480	3	60	0.5884	0.3879	(1,2,3,4)

REMARKS:
1. CHILLER SHALL MEET OR EXCEED BOTH ABOVE SCHEDULED FULL-LOAD AND PART-LOAD DESIGN EFFICIENCIES, AND MINIMUM AHRI STANDARDIZED FULL-LOAD AND PART-LOAD EFFICIENCIES INDICATED IN IECC 2015. COMPLY BY PATH A OR BY PATH B AS REQURIED BY IECC 2015.
2. CHILLERS SHALL MEET OR EXCEED CAPACITY AT SCHEDULED WATER TEMPERATURES.
3. PROVIDE WITH VARIABLE FREQUENCY DRIVE.
4. CHILLER SHALL HAVE A MINIMUM EFFICIENCY OF; FULL-LOAD OF 0.5884 KW/TON AND NPLV OF 0.3879 KW/TON

AIR COOLED CONDENSING UNIT

MARK	MIN. TOTAL CAPACITY (BTUH)	OUTDOOR AIR TEMP (°F)	MINIMUM EER/ SEER2	NOM. HEAT CAPACITY (BTUH)	CURRENT CHAR. V	P	F	RELATED UNIT MARK	REMARKS
DMSCU-1	24,000	95	-/21	NO HEATING	208	1	60	DMS-1	(1,2,3)
DMSCU-2	18,000	95	-/20	NO HEATING	208	1	60	DMS-2	(1,2,3)
DMSCU-3	18,000	95	-/20	NO HEATING	208	1	60	DMS-3	(1,2,3)
DMSCU-4	18,000	95	-/20	NO HEATING	208	1	60	DMS-4	(1,2,3)
DMSCU-5	18,000	95	-/20	NO HEATING	208	1	60	DMS-5	(1,2,3)
DMSCU-6	18,000	95	-/20	NO HEATING	208	1	60	DMS-6	(1,2,3)
DMSCU-7	18,000	95	-/20	NO HEATING	208	1	60	DMS-7	(1,2,3)
DMSCU-8	18,000	95	-/20	NO HEATING	208	1	60	DMS-8	(1,2,3)
DMSCU-9	18,000	95	-/20	NO HEATING	208	1	60	DMS-9	(1,2,3)
DMSCU-10	18,000	95	-/20	NO HEATING	208	1	60	DMS-10	(1,2,3)
DMSCU-11	18,000	95	-/20	NO HEATING	208	1	60	DMS-11	(1,2,3)
DMSCU-12	18,000	95	-/20	NO HEATING	208	1	60	DMS-12	(1,2,3)
DMSCU-13	18,000	95	-/20	NO HEATING	208	1	60	DMS-13	(1,2,3)
DMSCU-14	18,000	95	-/20	NO HEATING	208	1	60	DMS-14	(1,2,3)
DMSCU-15	18,000	95	-/20	NO HEATING	208	1	60	DMS-15	(1,2,3)
DMSCU-16	18,000	95	-/21	19000.0	208	1	60	DMS-16	(1,2,3,4)
DMSCU-17	18,000	95	-/21	19000.0	208	1	60	DMS-17	(1,2,3,4)
DMSCU-18	18,000	95	-/21	19000.0	208	1	60	DMS-18	(1,2,3,4)

GENERAL NOTES:
A. MINIMUM RECOMMENDEDLD CLEARANCE AROUND UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR FLOW AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. PROVIDE WITH LOW AMBIENT CONTROL DOWN TO 20°F.
2. PROVIDE WITH DISCONNECT SWITCH.
3. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.
4. HEAT PUMP SHALL HAVE A MINIMUM HSPF2 OF 8.2.

DUCTLESS MINI-SPLIT - INDOOR UNIT

MARK	FAN: SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT.STATIC PRESSURE (IN. W.C.)	HORSE POWER (WATTS)	CURRENT CHARAC. V	P	F	AIR TEMPERATURE (°F): ENTERING DRY BULB	ENTERING WET BULB	COOLING: MIN. TOTAL CAPACITY (BTUH)	MIN. SENS. CAPACITY (BTUH)	MINIMUM EER/ SEER2	HEATING: ENTERING AIR TEMP.(°F)	MINIMUM CAPACITY (BTUH)	REMARKS
DMS-1	775	0	0.10	86.0	208	1	60	75.0	62.5	24,000	19,200	-/21	NO HEATING		(1,2,3,4,5)
DMS-2	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4)
DMS-3	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4)
DMS-4	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4,5)
DMS-5	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4,5)
DMS-6	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4)
DMS-7	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4,5)
DMS-8	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4)
DMS-9	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4,5)
DMS-10	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4)
DMS-11	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4)
DMS-12	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4)
DMS-13	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4,5)
DMS-14	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4,5)
DMS-15	450	0	0.10	46.0	208	1	60	75.0	62.5	18,000	14,400	-/20	NO HEATING		(1,2,3,4)
DMS-16	440	0	0.10	50.0	208	1	60	75.0	62.5	18,000	14,400	-/21	70	19,000	(1,2,3,4,5)
DMS-17	440	0	0.10	50.0	208	1	60	75.0	62.5	18,000	14,400	-/21	70	19,000	(1,2,3,4,5)
DMS-18	440	0	0.10	50.0	208	1	60	75.0	62.5	18,000	14,400	-/21	70	19,000	(1,2,3,4,5)

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. UNIT TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. CONTROLLED BY PROGRAMMABLE WIRED THERMOSTAT.
3. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.
4. INDOOR UNIT IS POWERED FROM OUTDOOR UNIT.
5. PROVIDE WITH LITTLE GIANT CONDENSATE PUMP MODEL 554652 VCMA-20ULS-C-PRO, 1/30 HP, 115V/1PH/60HZ.

PUMP

TAG	SERVICE	TYPE	GPM	HEAD (FT.)	MOTOR HORSE POWER	MAX. RPM	CURRENT CHARAC. V	P	F	MANUFACTURER	MODEL NUMBER	REMARKS
PCHP-1	CHILLED WATER	VERTICAL INLINE	975.0	50	25	1800	480	3	60	ARMSTRONG	4300	(1,2,4)
PCHP-2	CHILLED WATER	VERTICAL INLINE	975.0	50	25	1800	480	3	60	ARMSTRONG	4300	(1,2,4)
PCHP-3	CHILLED WATER	VERTICAL INLINE	975.0	50	25	1800	480	3	60	ARMSTRONG	4300	(1,2,4)
SCHP-1	CHILLED WATER	VERTICAL INLINE	1,500.0	150	100	1800	480	3	60	ARMSTRONG	4300	(1,2,4)
SCHP-2	CHILLED WATER	VERTICAL INLINE	1,500.0	150	100	1800	480	3	60	ARMSTRONG	4300	(1,2,4)
CWP-1	CONDENSING WATER	VERTICAL TURBINE	1,950.0	95	75	1800	480	3	60	TACO	VT	(1,5)
CWP-2	CONDENSING WATER	VERTICAL TURBINE	1,950.0	95	75	1800	480	3	60	TACO	VT	(1,5)
CWP-3	CONDENSING WATER	VERTICAL TURBINE	1,950.0	95	75	1800	480	3	60	TACO	VT	(1,5)
HWP-1	HOT WATER	VERTICAL INLINE	485.0	140	40	1800	480	3	60	ARMSTRONG	4300	(1,2,4)
HWP-2	HOT WATER	VERTICAL INLINE	485.0	140	40	1800	480	3	60	ARMSTRONG	4300	(1,2,4)
HWP-3	HOT WATER	INLINE CIRCULATOR	194.0	25	3	1800	480	3	60	ARMSTRONG	4300	(3,4)
HWP-4	HOT WATER	INLINE CIRCULATOR	194.0	25	3	1800	480	3	60	ARMSTRONG	4300	(3,4)
HWP-5	HOT WATER	INLINE CIRCULATOR	194.0	25	3	1800	480	3	60	ARMSTRONG	4300	(3,4)
HWP-6	HOT WATER	INLINE CIRCULATOR	194.0	25	3	1800	480	3	60	ARMSTRONG	4300	(3,4)
HWP-7	HOT WATER	INLINE CIRCULATOR	194.0	25	3	1800	480	3	60	ARMSTRONG	4300	(3,4)

GENERAL NOTES:
1. PUMP IS TO HAVE A NON-OVERLOADING MOTOR.
2. MINIMUM RECOMMENDED CLEARANCE AROUND A PUMP IS 24 INCHES. MAINTAIN MINIMUM CLEARANCES AS REQUIRED FOR SERVICE, MAINTENANCE, AND INSPECTION.

REMARKS:
1. PROVIDE WITH VARIABLE FREQUENCY DRIVE.
2. PROVIDE SUCTION DIFFUSER AT PUMP INLET.
3. PUMP SHALL BE SELECTED BY BOILER MANUFACTURER, WITH DISCONNECT AND STARTER BY ELECTRICAL CONTRACTOR AND CONTROLLED BY BOILER.
4. PROVIDE WITH GAUGE TAPPINGS.
5. PROVIDE PUMP MOTOR WITH INTERNAL HEATER FOR PREVENTION OF CONDENSATION.

DUAL DUCT TERMINAL BOX

MARK	COOLING: CFM MAX.	CFM MIN.	INLET DIAMETER SIZE (IN.)	HEATING: MAXIMUM CFM	INLET DIAMETER SIZE (IN.)	REMARKS
DDB-G5-1	530	135	8	425	8	(1)
DDB-G5-2	1,240	310	12	995	10	(1)
DDB-G5-3	630	165	8	505	8	(1)
DDB-G5-4	1,440	360	12	1,155	12	(1)
DDB-G5-5	535	135	8	430	8	(1)
DDB-G5-6	965	240	10	775	10	(1)
DDB-G5-7	350	90	6	280	6	(1)
DDB-G5-8	1,250	315	12	1,000	10	(1)
DDB-G5-9	1,020	255	10	820	10	(1)
DDB-G5-10	1,260	315	12	1,010	10	(1)
AHU-G5	9,220			7,395		

GENERAL NOTES:
1. MAXIMUM STATIC PRESSURE DROP OF AIR THROUGH THE TERMINAL BOX SHALL BE 0.2" W.G.
2. MAXIMUM VELOCITY THROUGH DUCT INLET SHALL BE 2,000 FPM.
3. SUSPEND UNIT WITH FOUR THREADED HANGER RODS ATTACHED TO TWO UNISTRUT RUNNERS SECURED TO STRUCTURE. REFER TO MANUFACTURER FOR MORE DETAILS.
4. UNITS TO BE MOUNTED BETWEEN BEAMS AND 18" MAXIMUM ABOVE CEILING. AVOID MOUNTING OVER LIGHTS WHEREVER POSSIBLE.

REMARKS:
1. VERIFY BOX ORIENTATION FOR HOT AND COLD DUCTWORK CONNECTIONS PRIOR TO ORDERING.

FAN SCHEDULE

TAG	LOCATION	CFM	EXT. STATIC PRESSURE (IN.W.C.)	MAX RPM	HORSE POWER	CURRENT CHAR V	P	F	LOCALLY SWITCHED	INTERLOCK WITH	FAN TYPE	DRIVE TYPE	MANUFACTURER	MODEL NUMBER	REMARKS
EF-AS-1	FIELD HOUSE	1000	0.50	2142	0.33	120	1	60	TSTAT	-	INLINE	DIRECT	COOK	SQND	(1,3,4,6)
EF-CB-1	CONCESSION	100	0.50	1016	0.01	120	1	60	TSTAT	-	CEILING	DIRECT	COOK	GC	(1,3,7)
EF-G-4	VESTIBULE 1004	400	0.50	1417	0.13	120	1	60	TSTAT	-	ROOF MOUNTED	DIRECT	COOK	ACED	(1,2,3,4)
EF-G-5	SCULPTURE 1101	700	0.50	1614	0.17	120	1	60	TIMER	-	ROOF MOUNTED	DIRECT	COOK	ACED	(1,2,3,4,5)
EF-G-6	WORK ROOM G1015	150	0.50	1594	0.17	120	1	60	-	SF-G-1	ROOF MOUNTED	DIRECT	COOK	ACED	(1,2,3,4)
EF-H-16	CENTRAL PLANT	3750	0.50	1917	1.5	480	3	60	TIMER	REFRIGERANT MONITOR	ROOF MOUNTED	DIRECT	COOK	ACED	(1,2,3,9,10)
SF-G-1	MECH 1019	1910	0.75	1104	1	480	3	60	-	AHU-G5	ROOF MOUNTED	BELT	COOK	ASP	(1,2,3,8,9)

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MINIMUM RECOMMENDED CLEARANCE AROUND UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. PROVIDE WITH DISCONNECT.
2. PROVIDE WITH ROOF CURB AND BIRD SCREEN.
3. PROVIDE WITH LOW LEAKAGE MOTORIZED DAMPER THAT SHALL CLOSE WHEN UNIT IS NOT OPERATING. PROVIDED BY BMCS INSTALLED IN DUCTWORK BY MECHANICAL CONTRACTOR.
4. PROVIDE WITH EC MOTOR WITH FAN SPEED CONTROLLER.
5. PROVIDE WITH 60 MINUTE NO HOLD TIMER.
6. SUSPEND FAN WITH THREADED HANGER RODS ATTACHED TO UNISTRUT RUNNERS SECURED TO STRUCTURE. PROVIDE SPRING ISOLATION. REFER TO MANUFACTURER FOR MORE DETAILS.
7. PROVIDE WITH EC MOTOR WITH FAN SPEED CONTROLLER, VIBRATION ISOLATION KIT, AND BACKDRAFT DAMPER.
8. PROVIDE WITH 1" WASHABLE ALUMINUM FILTER.
9. PROVIDE VARIBALE FREQUENCY DRIVE (VFD).
10. PROVIDE WITH TWO SPEED CONTROLLER. FIRST SPEED SHALL BE A CONSTANT MINIMUM FLOW OF 1,825 CFM FOR GENERAL EXHAUST AND SECOND SPEED SHALL BE AS SCHEDULED FOR PURGE. GENERAL EXHAUST (SPEED 1) SHALL BE CONTROLLED BY NO HOLD 60 MINUTE TIMER SWITCH AND PURGE (SPEED 2) SHALL BE ACTIVATED BY A PUSH BUTTON.

DAMPER

MARK	ACTUATOR	DUTY	BLADE ACTION	MANUFACTURER	MODEL NUMBER	REMARKS
D-1	MANUAL BALANCING	UNDER 9" WIDE	N/A	N/A	N/A	SEE SMACNA CONSTRUCTION DETAILS REFERENCED "TYPICAL CONSTRUCTION DETAILS FOR LOW VELOCITY DUCTS."
D-2	MANUAL BALANCING	OVER 9" WIDE	OPPOSED	RUSKIN	MD-35	MANUAL DAMPER WITH STANDARD CONSTRUCTION FEATURES AND VENTLOCK #639 LOCKING REGULATOR.
D-3	MOTORIZED	OVER 9" WIDE	OPPOSED	RUSKIN	CD-60	LOW LEAKAGE DAMPER WITH BLADE SEALS

NOTES:
N/A - NOT APPLICABLE

DUCT ATTENUATORS

MARK	CFM	DUCT DIMENSIONS WIDTH	HEIGHT	LOCATION	DUCT VELOCITY (FPM)	LENGTH	MANUFACTURER	MODEL NUMBER	REMARKS
SA-1	350	8"	10"	CORR. 1003	670	36"	VIBRO - ACOUSTICS	RFL-MV-F8	-

REMARKS:
1. MAXIMUM STATIC PRESSURE DROP OF AIR THROUGH THE SILENCERS SHALL NOT EXCEED 0.35" W.G. ESP.
2. PROVIDE WITH GALVANIZED, LOCKFORMED CASING CONSTRUCTED TO SMACNA STANDARDS. AIRTIGHT CONSTRUCTION SHALL BE ACHIEVED BY USE OF A DUCT-SEALING COMPOUND SUPPLIED AND INSTALLED BY THE CONTRACTOR AT THE JOBSITE.
3. PROVIDE WITH 2" SLIP CONNECTION AT EACH END.
4. PROVIDE WITH GALVANIZED NOSE AT INLET.
5. PROVIDE WITH GALVANIZED GAP PLATES BETWEEN SPLITTERS TO ENSURE CLOSE DIMENSIONAL TOLERANCES AT AIR PASSAGES.
6. PROVIDE WITH PERFORATED GALVANIZED SPLITTERS COMPLETE WITH PERFORATED DIFFUSER TAIL SECTIONS.
7. SPLITTERS FILLED WITH ACOUSTIC GRADE GLASS FIBER UNDER MINIMUM 15% COMPRESSION.
8. SILENCERS SHALL BE LOCATED AS CLOSE TO NOISE GENERATING EQUIPMENT AS POSSIBLE WITH 3 EQUIVALENT DUCT DIAMETERS OF STRAIGHT, UNOBSTRUCTED DUCTWORK ON INLET AND DISCHARGE SIDE OF SILENCER.
9. SILENCERS SHALL NOT FAIL STRUCTURALLY WHEN SUBJECTED TO A DIFFERENTIAL AIR PRESSURE OF 8" W.G.
10. SILENCER INLET AND OUTLET CONNECTION DIMENSIONS MUST BE EQUAL TO THE DUCT SIZES SHOWN ON THE DRAWINGS.

REMARKS:
1. N/A

RELIEF VENT & O.A. INTAKE

MARK	CFM	MAX. S.P. (IN.WC.)	MIN. THROAT AREA	MODEL	SERVES	REMARKS
OAI-H-1	3,750	0.05	8 SF	GI	EF-H-16	(1,2,3)
OAI-H-2	1,825	0.05	4 SF	GI	EF-H-16	(1,2,3)

REMARKS:
1. PROVIDE WITH ROOF CURB.
2. PROVIDE WITH BIRD SCREEN.
3. PROVIDE WITH LOW LEAKAGE MOTORIZED DAMPER THAT SHALL CLOSE WHEN UNIT IS NOT OPERATING. PROVIDED BY BMCS INSTALLED IN DUCTWORK BY MECHANICAL CONTRACTOR.

UNIT HEATER - ELECTRIC

MARK	MINIMUM CAPACITY (BTUH)	KW	CURRENT CHAR. V	P	F	CFM	MANUFACTURER	MODEL	REMARKS
EUH-1	17,060	5	480	3	60	479	REZNOR	EUH	(1,2)
EUH-2	17,060	5	480	3	60	479	REZNOR	EUH	(1,2)
EUH-3	17,060	5	480	3	60	479	REZNOR	EUH	(1,2)
EUH-4	17,060	5	480	3	60	479	REZNOR	EUH	(1,2)
EUH-5	17,060	5	480	3	60	479	REZNOR	EUH	(1,2)

REMARKS:
1. PROVIDE WITH PENDANT MOUNTED THERMOSTAT.
2. REFER TO MANUFACTURER FOR INSTALLATION INSTRUCTIONS AND MOUNTING HEIGHTS.

GRILLE

MARK	SERVICE	TYPE	DAMPER	CONSTRUCTION MATERIAL	FINISH COLOR	MANUFACTURER	MODEL NUMBER	DESCRIPTION
A	SUPPLY AIR	DIFFUSER	-	STEEL	WHITE	TITUS	TDC	EXPOSED T-BAR CEILING FRAME STYLE WITH 24"X24" FACE. LOUVERED FACE
B	RETURN AIR	DIFFUSER	-	STEEL	WHITE	TITUS	350RL	SINGLE DEFLECTION GRILLE WITH HORIZONTAL FRONT BARS. LAY-IN WITH 24"X24" FACE.
C	SUPPLY AIR	GRILLE	-	STEEL	WHITE	TITUS	300RL	DOUBLE DEFLECTION SIDEWALL GRILLE WITH HORIZONTAL FRONT BARS. SURFACE MOUNTED
E	EXHAUST AIR	DIFFUSER	-	STEEL	WHITE	TITUS	350RL	SINGLE DEFLECTION GRILLE WITH HORIZONTAL FRONT BARS. LAY-IN WITH 24"X24" FACE.
F	EXHAUST AIR	GRILLE	-	STEEL	WHITE	TITUS	350RL	SINGLE DEFLECTION SIDEWALL GRILLE WITH HORIZONTAL FRONT BARS. SURFACE MOUNTED

GENERAL NOTES:
1. DAMPERS NOTED AS U.L. SHALLBE A 'U.L.' CLASSIFIED CEILING RADIATION DAMPER WITH THERMAL BLANKET.
2. COORDINATE FINAL AIR DEVICE LOCATION AND FINISH COLOR WITH ARCHITECT.

REMARKS:
1. N/A

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Registration: F-4111
Project No: 2023-05942-00

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REVISION HISTORY

REVISION DESCRIPTION DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

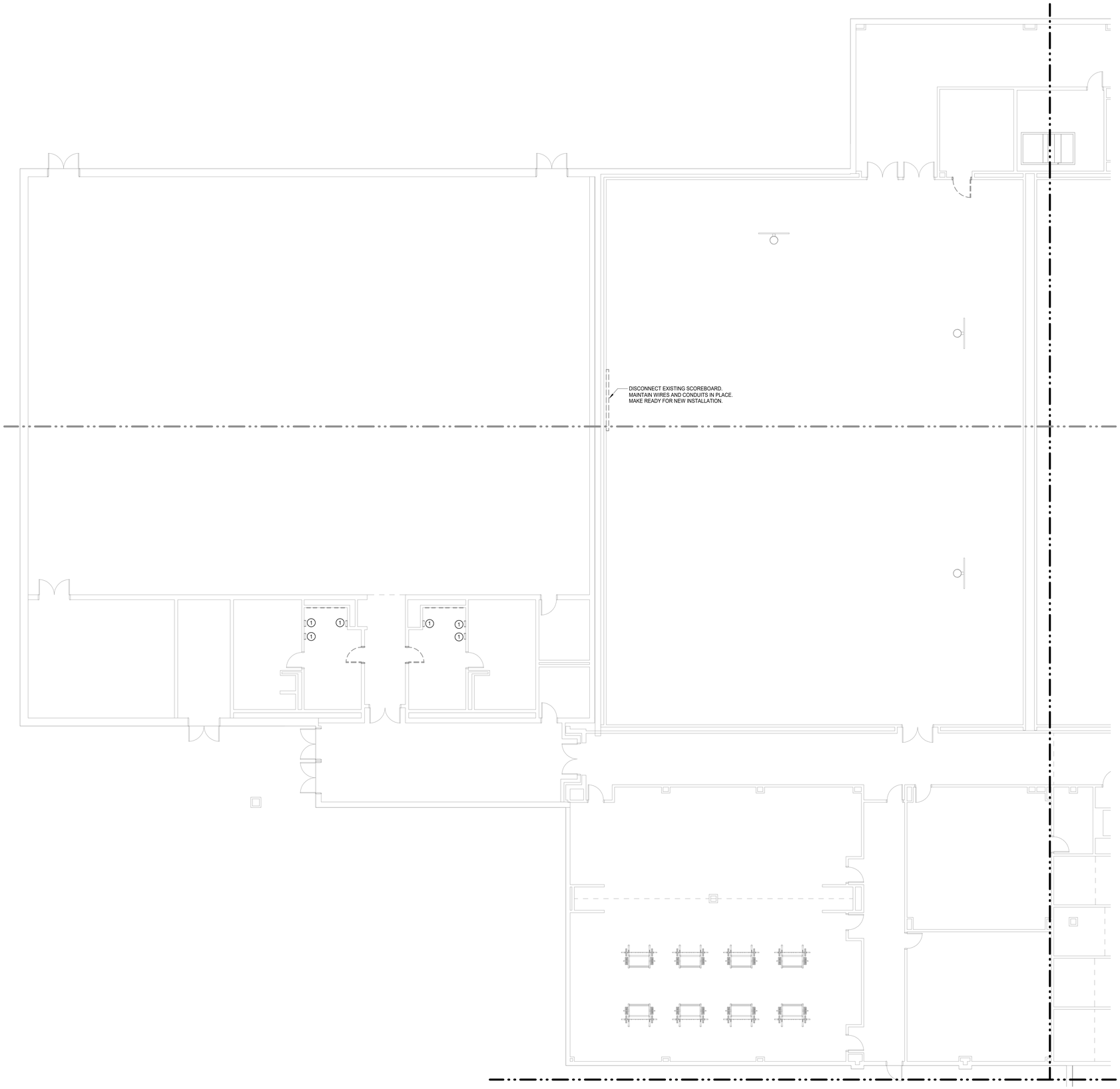
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER 33AC23221
ABBREVIATION CFISD
DRAWN BY BB
CHECKED BY VP

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
MECHANICAL SCHEDULES

SHEET NUMBER
M-601



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA A**
Scale: 1/8" = 1'-0"

Salas O'Brien
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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

EXISTING RACEWAYS AND LOCATION OF ELECTRICAL OUTLETS ON EXISTING WALLS TO REMAIN SHALL BE RE-USED AS PRACTICAL FOR NEW DEVICES AS PART OF NEW WORK.

VERIFY EXISTING CONDTIONS AND CONDUIT ROUTING. CONTRACTOR TO VERIFY THAT EXISTING CONDUITS ARE IN GOOD CONDITIONS TO PULL NEW CONDUCTORS IN PRIOR TO COMMENCEMENT OF WORK AND TO NOTIFY ENGINEER IF CONDUITS NEED TO BE REPLACED.

REMOVE DEMOLISHED/ABANDONED CONDUITS, INCLUDING THOSE ABOVE ACCESSIBLE CEILINGS, TO THE POINT THAT BUILDING CONSTRUCTION, EARTH, OR PAVING COVERS THEM. CUT CONDUIT BENEATH OR FLUSH WITH BUILDING CONSTRUCTION OR PAVING. PLUG, CAP, OR SEAL THE REMAINING UNUSED CONDUITS.

DEMOLITION / EXISTING DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION AND, WHEN AVAILABLE, EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO ARCHITECT BEFORE DISTURBING ANY INSTALLATION AND IMMEDIATELY AFTER SUCHDISCREPANCIES ARE DISCOVERED. CONTRACTOR TO VERIFY EXISTING CONDITIONS ON FIELD AND NOTIFY ENGINEER IF THERE ARE ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND DRAWINGS PRIOR TO COMMENCEMENT OF WORK AS CALLED FOR ON THE DRAWINGS OR AS REQUIRED TO CLEAR THE AREAS OF NEW CONSTRUCTION. OWNER OR ITS REPRESENTATIVE SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED FROM THIS PROJECT. CONTRACTOR SHALL NOTIFY CAREY RAMSEY WITH THE DISTRICT PRIOR TO DEMOLITION WORK TO DISCUSS ALL RETURNED ITEMS TO DISTRICT.

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

ELECTRICAL GENERAL NOTES:

1. VERIFY ALL DEMOLITION WORK WITH ARCHITECT/OWNER PRIOR TO COMMENCEMENT OF WORK.
2. UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL SWITCHBOARDS, PANELBOARDS & TRANSFORMERS SHALL REMAIN.
3. DISCONNECT & REMOVE ALL ELECTRICAL POWER DEVICES FROM WALLS SCHEDULED TO BE DEMOLISHED. UNLESS INDICATED OTHERWISE, PULL EXISTING CONDUCTORS BACK TO CEILING AND LEAVE IN PLACE FOR RE-USE. REFER TO ARCHITECURAL DRAWINGS FOR EXISTING WALL DEMOLITION.
4. REMOVE AND STORE ALL EXISTING LIGHT SPEED CLASSROOM SOUND ENHANCEMENT SYSTEMS TO FACILITATE DEMOLITION OF EXISTING CEILING GRID AND RELOCATION OF CLASSROOMS
5. RETURN ANY REMOVED LIGHTING CONTROL PANELS & RELAY PANELS TO THE OWNER.
6. PROVIDE COVER PLATE FOR ANY REMOVED ELECTRICAL EQUIPMENT SUCH AS BUT NOT LIMITED TO RECEPTACLES OR SWITCHES ON EXISTING TO REMAIN WALLS.
7. UNLESS NOTED OTHERWISE, PULL CONDUCTORS FOR DEMOLISHED RECEPTACLES AND LIGHT FIXTURES BACK TO CEILING AND LEAVE IN PLACE FOR RE-USE.
8. ELECTRICAL WORK OR MATERIAL RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED. OLD UNUSED WIRING AND DEVICES SHALL BE REMOVED FROM THE ABANDONED (CONCEALED) CONDUITS. OUTLETS SHALL BE PROVIDED WITH BLANK COVERS. ANY CONDUITS OUT OF MASONRY SURFACE SHALL BE CUT INTO SURFACE AND PATCHED.

ELECTRICAL KEYED NOTES:

1. DISCONNECT EXISTING HAND DRYER. MAINTAIN WIRES AND CONDUITS IN PLACE. MAKE READY FOR NEW INSTALLATION. REMOVE EXISTING BREAKER AT PANEL 'LT'.

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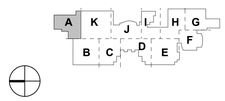
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

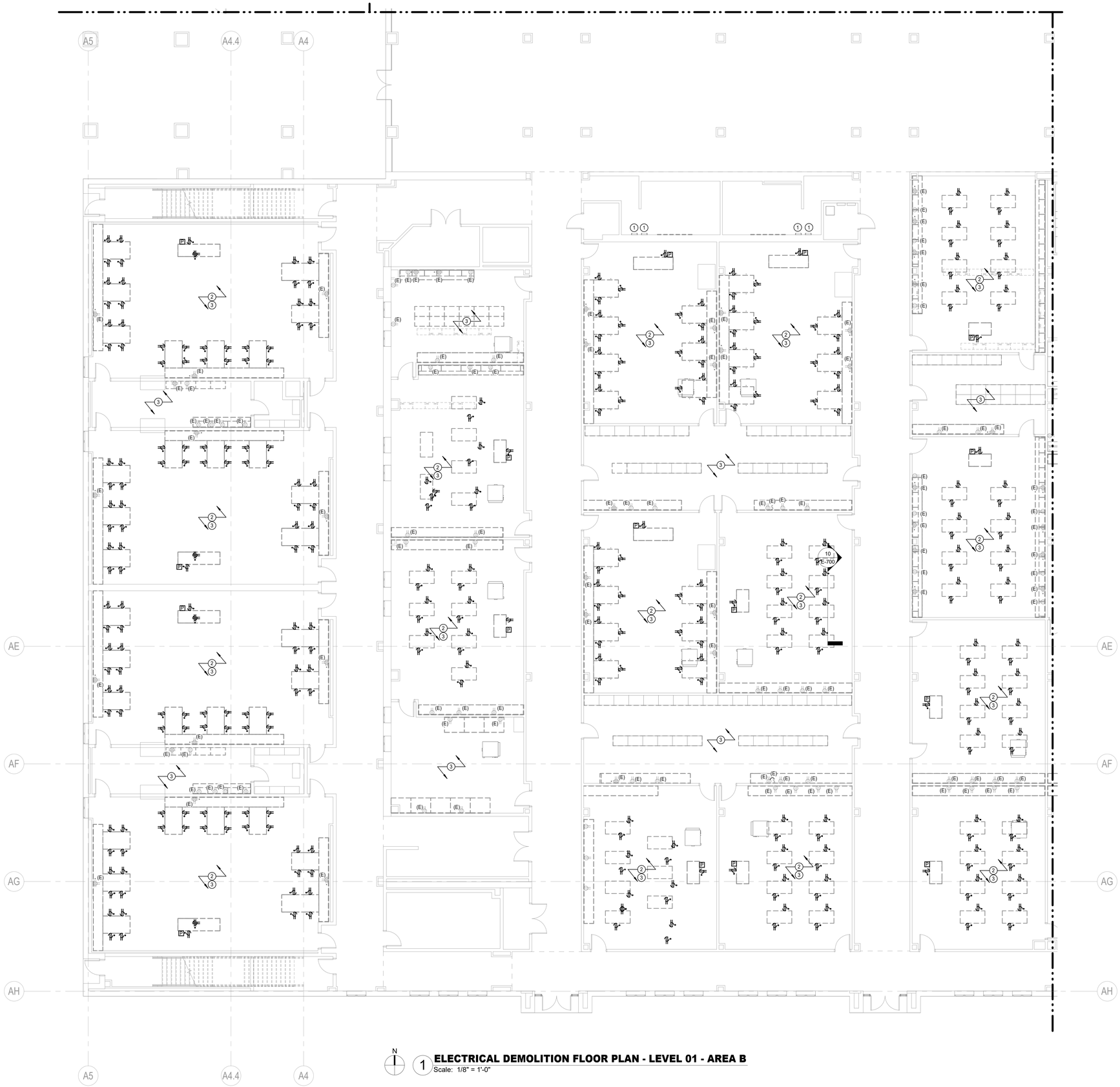
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA A

SHEET NUMBER
E-001-A



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA B**
Scale: 1/8" = 1'-0"

Salas O'Brien
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10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

EXISTING RACEWAYS AND LOCATION OF ELECTRICAL OUTLETS ON EXISTING WALLS TO REMAIN SHALL BE RE-USED AS PRACTICAL FOR NEW DEVICES AS PART OF NEW WORK.

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REMOVE DEMOLISHED/ABANDONED CONDUITS, INCLUDING THOSE ABOVE ACCESSIBLE CEILINGS, TO THE POINT THAT BUILDING CONSTRUCTION, EARTH, OR PAVING COVERS THEM. CUT CONDUIT BENEATH OR FLUSH WITH BUILDING CONSTRUCTION OR PAVING. PLUG, CAP, OR SEAL THE REMAINING UNUSED CONDUITS.

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ELECTRICAL GENERAL NOTES:

1. VERIFY ALL DEMOLITION WORK WITH ARCHITECT/OWNER PRIOR TO COMMENCEMENT OF WORK.
2. UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL SWITCHBOARDS, PANELBOARDS & TRANSFORMERS SHALL REMAIN.
3. DISCONNECT & REMOVE ALL ELECTRICAL POWER DEVICES FROM WALLS SCHEDULED TO BE DEMOLISHED. UNLESS INDICATED OTHERWISE, PULL EXISTING CONDUCTORS BACK TO CEILING AND LEAVE IN PLACE FOR RE-USE. REFER TO ARCHITECURAL DRAWINGS FOR EXISTING WALL DEMOLITION.
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7. UNLESS NOTED OTHERWISE, PULL CONDUCTORS FOR DEMOLISHED RECEPTACLES AND LIGHT FIXTURES BACK TO CEILING AND LEAVE IN PLACE FOR RE-USE.
8. ELECTRICAL WORK OR MATERIAL RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED. OLD UNUSED WIRING AND DEVICES SHALL BE REMOVED FROM THE ABANDONED (CONCEALED) CONDUITS. OUTLETS SHALL BE PROVIDED WITH BLANK COVERS. ANY CONDUITS OUT OF MASONRY SURFACE SHALL BE CUT INTO SURFACE AND PATCHED.

ELECTRICAL KEYED NOTES:

1. DISCONNECT EXISTING HAND DRYER. MAINTAIN WIRES AND CONDUITS IN PLACE. MAKE READY FOR NEW INSTALLATION.
2. REMOVE EXISITNG CASEWORK RECEPTACLES WITH ASSOCIATED WIRES AND CONDUITS BACK TO THE SOURCE OR NEAREST FIXTURE TO REMAIN. MAKE READY FOR NEW INSTALLATION.
3. EXISTING WALL RECEPTACLES TO REMAIN. REMOVE FACEPLATES AND MAKE SAFE FOR NEW CASEWORK INSTALLATION.

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Katy, Texas 77449

281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
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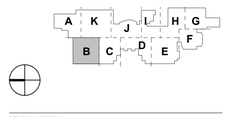
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

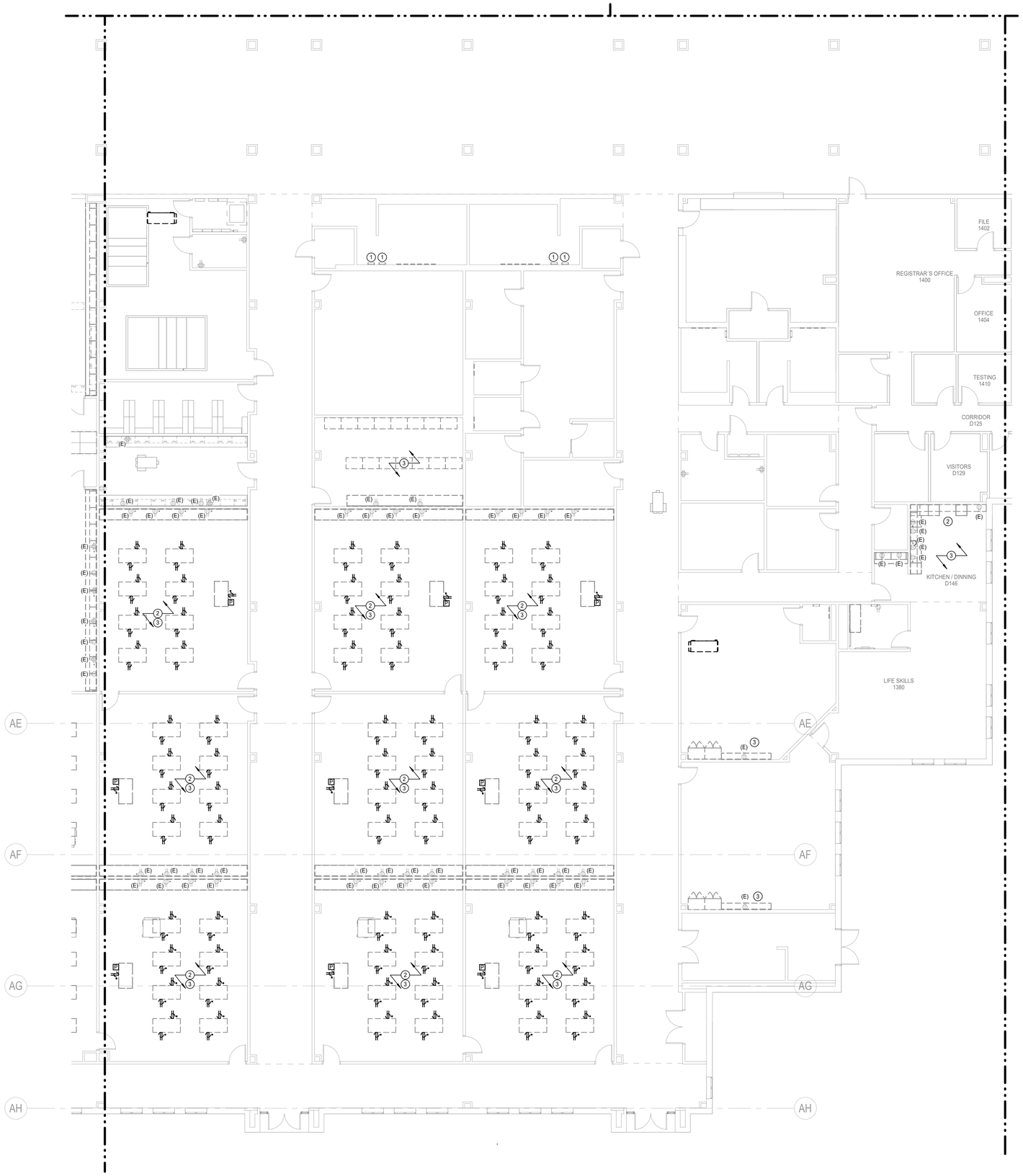
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA B

SHEET NUMBER
E-002-B



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA C**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

EXISTING RACEWAYS AND LOCATION OF ELECTRICAL OUTLETS ON EXISTING WALLS TO REMAIN SHALL BE RE-USED AS PRACTICAL FOR NEW DEVICES AS PART OF NEW WORK.

VERIFY EXISTING CONDTIONS AND CONDUIT ROUTING. CONTRACTOR TO VERIFY THAT EXISTING CONDUITS ARE IN GOOD CONDITIONS TO PULL NEW CONDUCTORS IN PRIOR TO COMMENCEMENT OF WORK AND TO NOTIFY ENGINEER IF CONDUITS NEED TO BE REPLACED.

REMOVE DEMOLISHED/ABANDONED CONDUITS, INCLUDING THOSE ABOVE ACCESSIBLE CEILINGS, TO THE POINT THAT BUILDING CONSTRUCTION, EARTH, OR PAVING COVERS THEM. CUT CONDUIT BENEATH OR FLUSH WITH BUILDING CONSTRUCTION OR PAVING. PLUG, CAP, OR SEAL THE REMAINING UNUSED CONDUITS.

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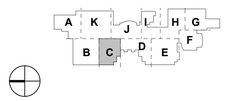
346.509.5638

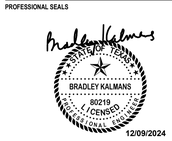
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

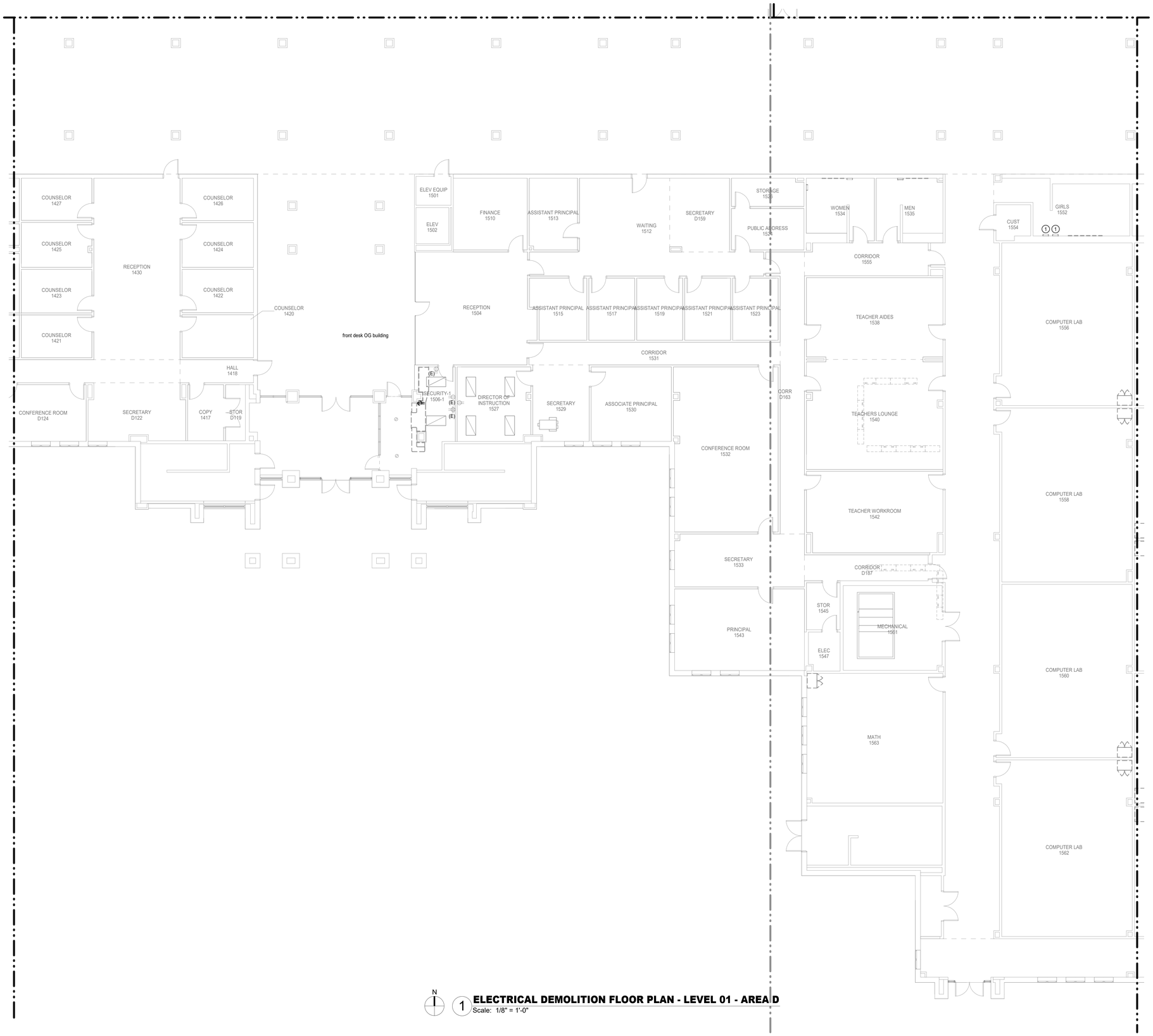
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA C

SHEET NUMBER
E-003-C



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA D**
Scale: 1/8" = 1'-0"

Salas O'Brien
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Houston
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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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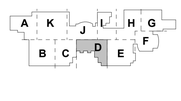
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

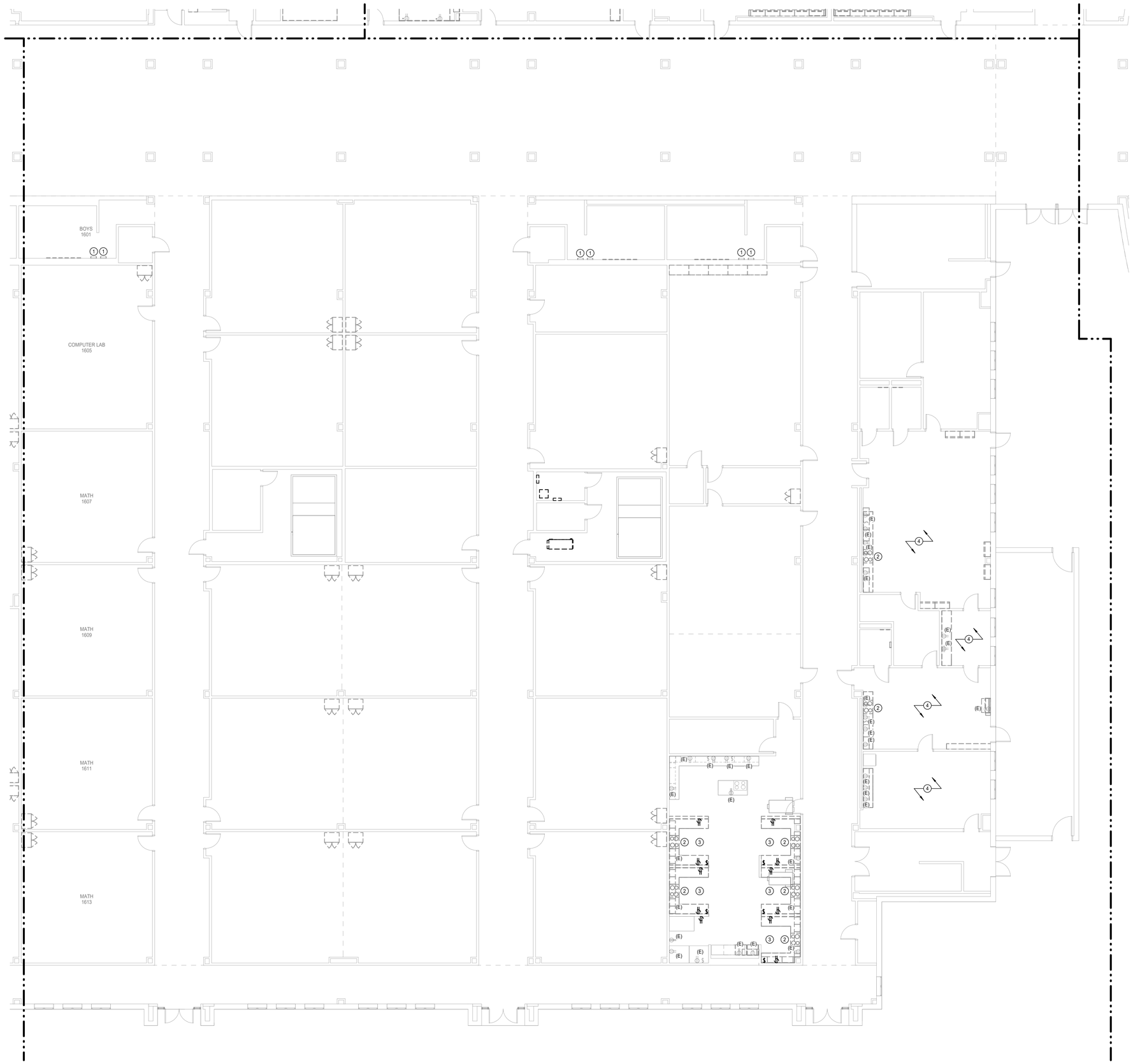
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA D

SHEET NUMBER
E-004-D



1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA E**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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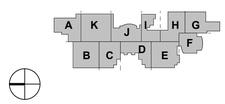
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE

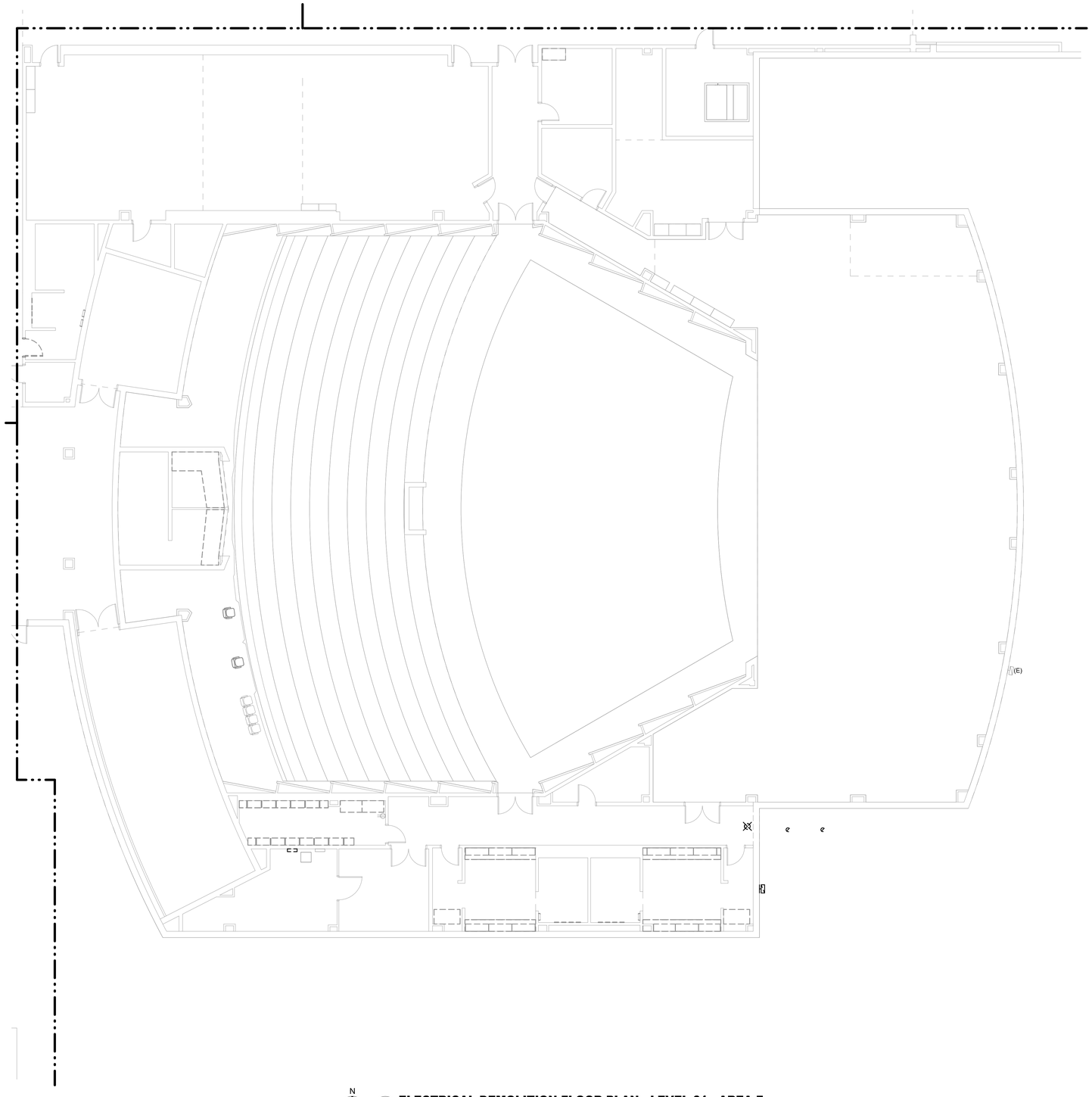
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA E

SHEET NUMBER

E-005-E



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA F**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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ELECTRICAL GENERAL NOTES:

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4. REMOVE AND STORE ALL EXISTING LIGHT SPEED CLASSROOM SOUND ENHANCEMENT SYSTEMS TO FACILITATE DEMOLITION OF EXISTING CEILING GRID AND RELOCATION OF CLASSROOMS
5. RETURN ANY REMOVED LIGHTING CONTROL PANELS & RELAY PANELS TO THE OWNER.
6. PROVIDE COVER PLATE FOR ANY REMOVED ELECTRICAL EQUIPMENT SUCH AS BUT NOT LIMITED TO RECEPTACLES OR SWITCHES ON EXISTING TO REMAIN WALLS.
7. UNLESS NOTED OTHERWISE, PULL CONDUCTORS FOR DEMOLISHED RECEPTACLES AND LIGHT FIXTURES BACK TO CEILING AND LEAVE IN PLACE FOR RE-USE.
8. ELECTRICAL WORK OR MATERIAL RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED. OLD UNUSED WIRING AND DEVICES SHALL BE REMOVED FROM THE ABANDONED (CONCEALED) CONDUITS. OUTLETS SHALL BE PROVIDED WITH BLANK COVERS. ANY CONDUITS OUT OF MASONRY SURFACE SHALL BE CUT INTO SURFACE AND PATCHED.

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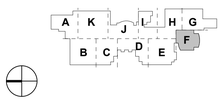
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F

SHEET NUMBER
E-006-F

ELECTRICAL GENERAL NOTES:

1. VERIFY ALL DEMOLITION WORK WITH ARCHITECT/OWNER PRIOR TO COMMENCEMENT OF WORK.
2. UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL SWITCHBOARDS, PANELBOARDS & TRANSFORMERS SHALL REMAIN.
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EXISTING RACEWAYS AND LOCATION OF ELECTRICAL OUTLETS ON EXISTING WALLS TO REMAIN SHALL BE RE-USED AS PRACTICAL FOR NEW DEVICES AS PART OF NEW WORK.

VERIFY EXISTING CONDTIONS AND CONDUIT ROUTING. CONTRACTOR TO VERIFY THAT EXISTING CONDUITS ARE IN GOOD CONDITIONS TO PULL NEW CONDUCTORS IN PRIOR TO COMMENCMENT OF WORK AND TO NOTIFY ENGINEER IF CONDUITS NEED TO BE REPLACED.

REMOVE DEMOLISHED/ABANDONED CONDUITS, INCLUDING THOSE ABOVE ACCESSIBLE CEILINGS, TO THE POINT THAT BUILDING CONSTRUCTION, EARTH, OR PAVING COVERS THEM. CUT CONDUIT BENEATH OR FLUSH WITH BUILDING CONSTRUCTION OR PAVING. PLUG, CAP, OR SEAL THE REMAINING UNUSED CONDUITS.

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SYMBOL LEGEND

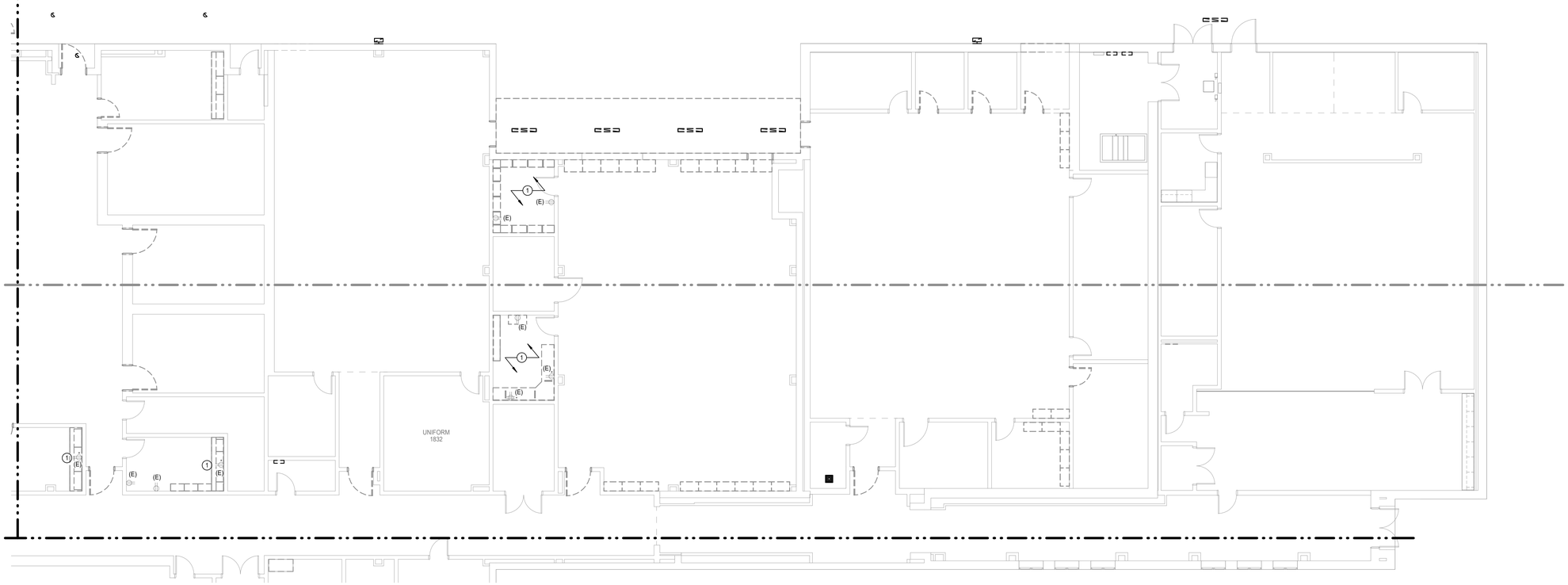
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

ELECTRICAL KEYED NOTES:

1. EXISTING WALL RECEPTACLES TO REMAIN. REMOVE FACEPLATES AND MAKE SAFE FOR NEW CASEWORK INSTALLATION.



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA G**
Scale: 1/8" = 1'-0"

Page/

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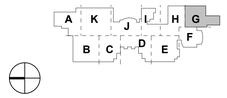
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

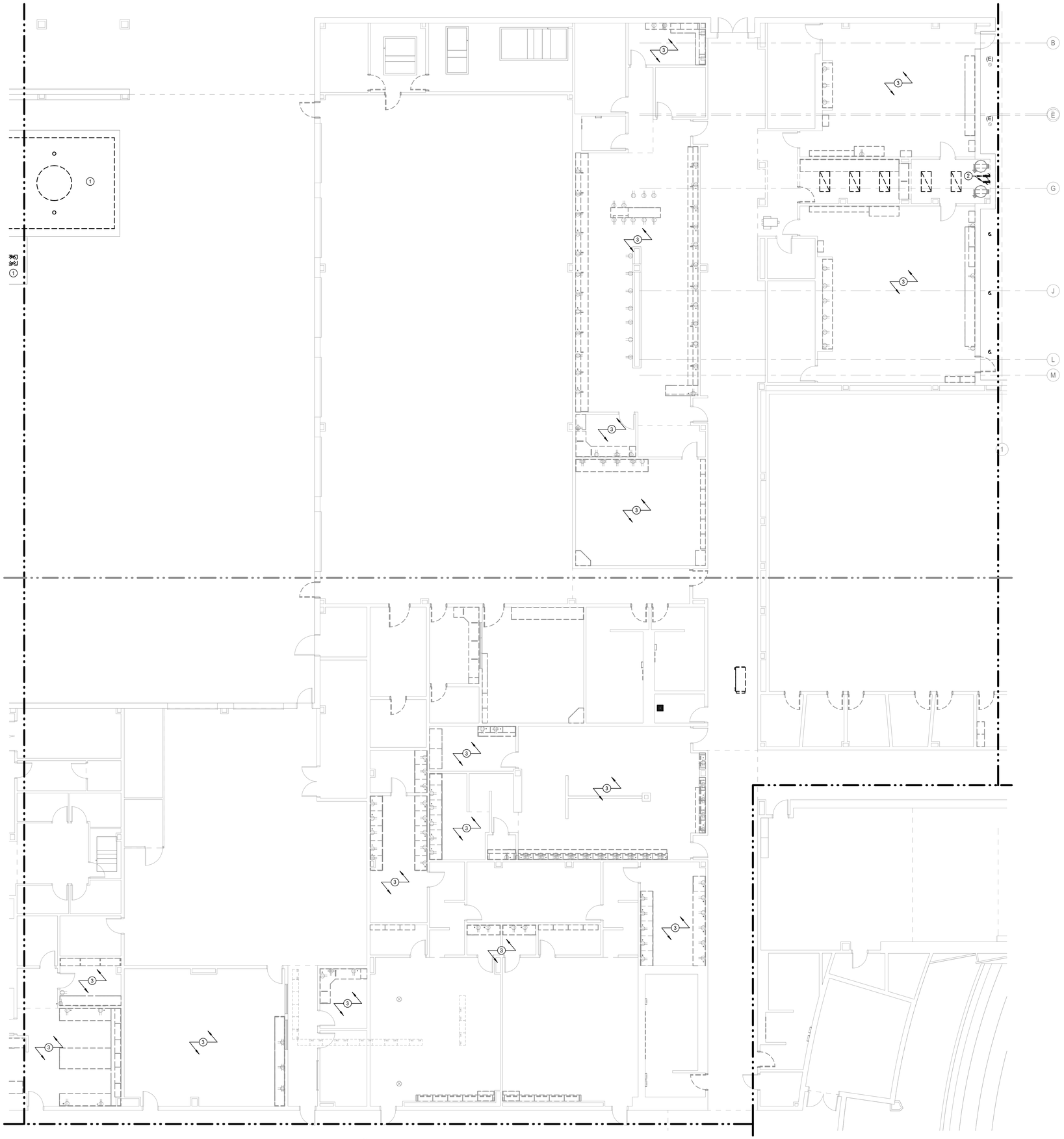
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA G

SHEET NUMBER
E-007-G



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA H**
Scale: 1/8" = 1'-0"

Salas O'Brien
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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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ELECTRICAL KEYED NOTES:

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2. DEMOLISH EXISTING KILN RECEPTACLE AND ANY ASSOCIATED DISCONNECTS OR ACCESSORIES.
3. EXISTING WALL RECEPTACLES TO REMAIN. REMOVE FACEPLATES AND MAKE SAFE FOR NEW CASEWORK INSTALLATION.

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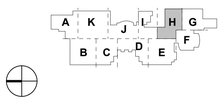


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

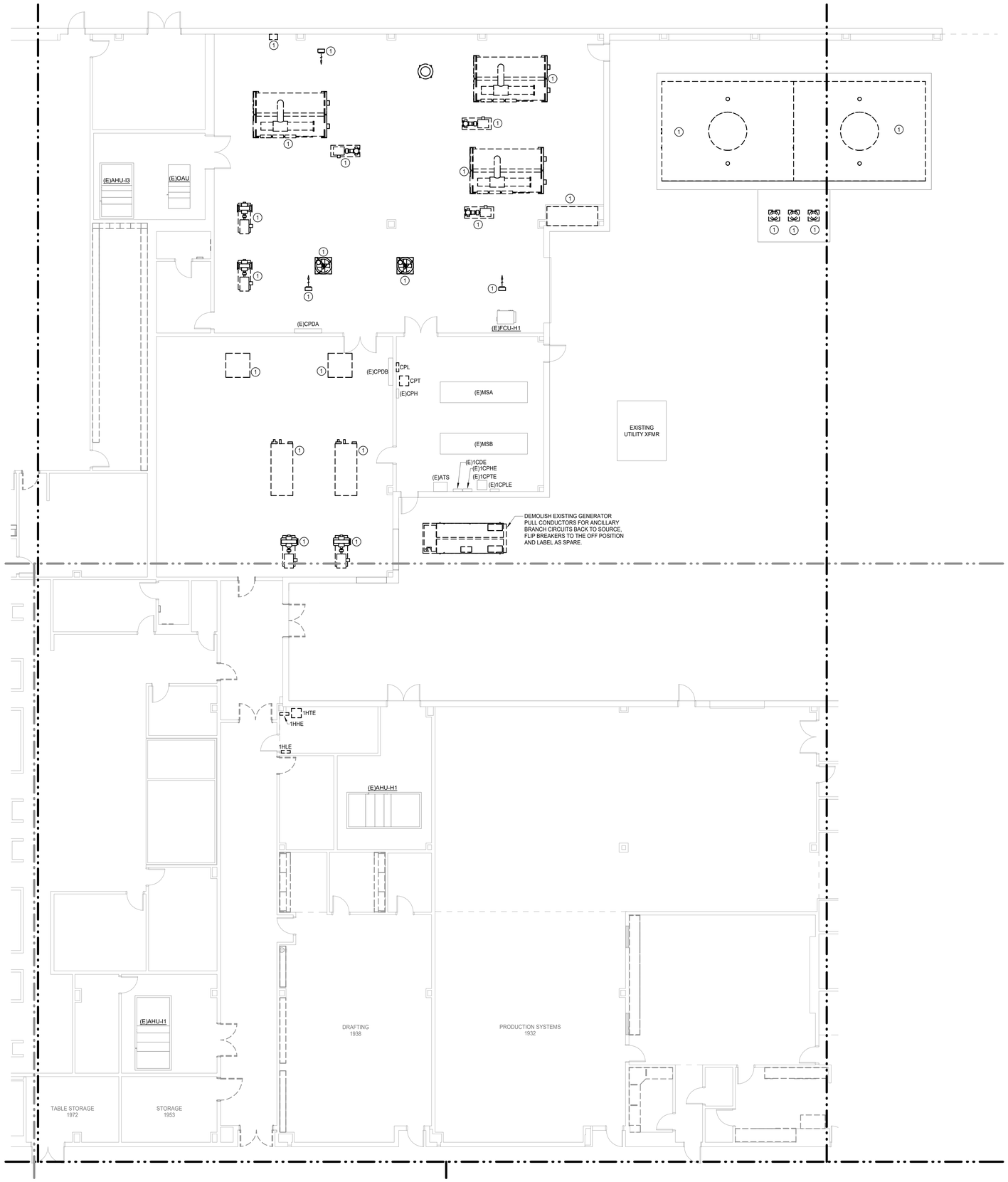
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA H

SHEET NUMBER
E-008-H



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA I**
Scale: 1/8" = 1'-0"

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2. DISCONNECT EXISTING MECHANICAL CONTROLS/ACCESSORIES AND LEAVE CONDUCTORS IN PLACE FOR RE-USE AND CONNECTION TO NEW MECHANICAL CONTROLS/ACCESSORIES

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salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND

	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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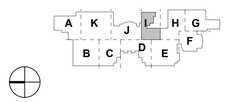
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

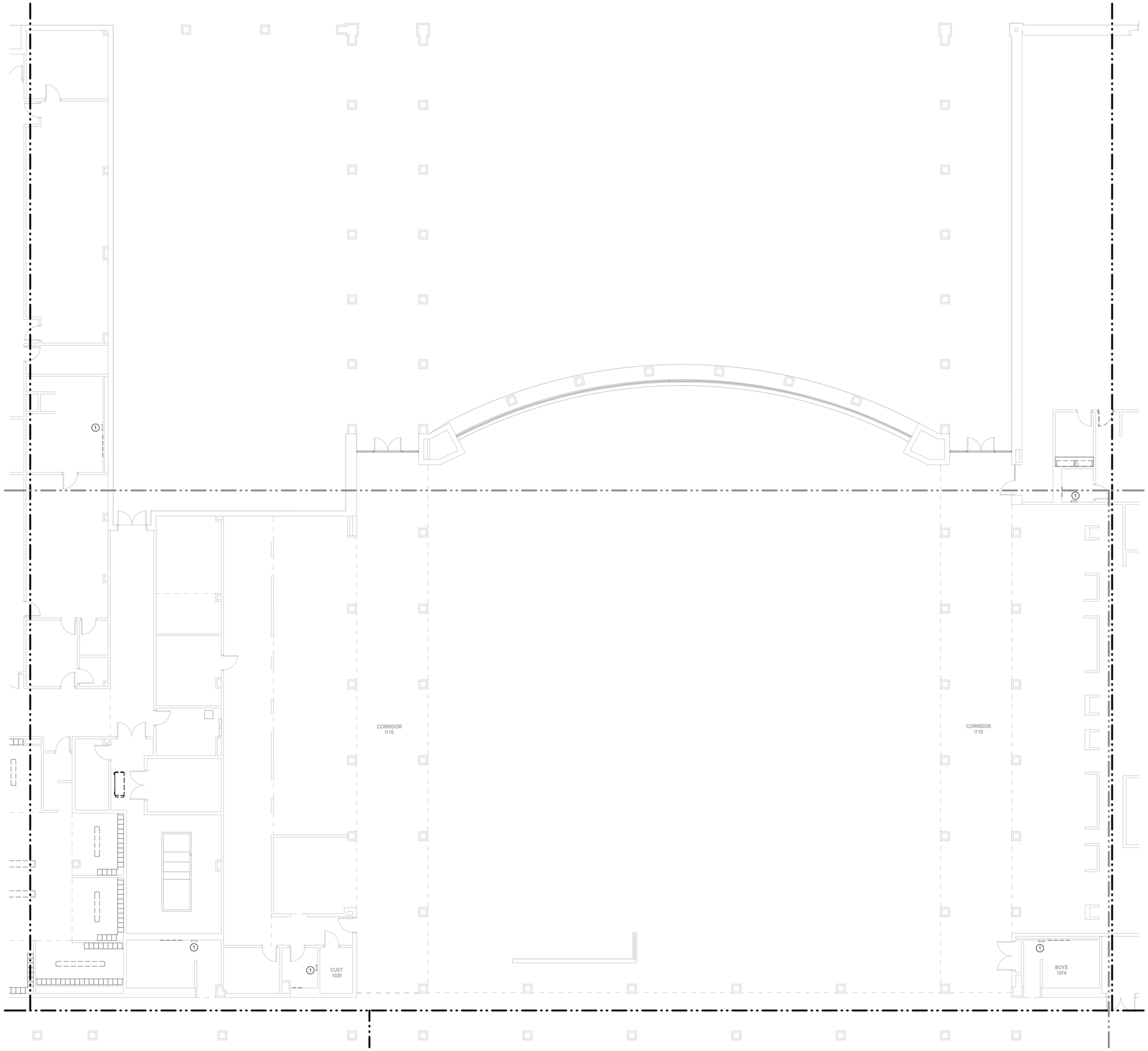
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA I

SHEET NUMBER
E-009-I



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA J**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

EXISTING RACEWAYS AND LOCATION OF ELECTRICAL OUTLETS ON EXISTING WALLS TO REMAIN SHALL BE RE-USED AS PRACTICAL FOR NEW DEVICES AS PART OF NEW WORK.

VERIFY EXISTING CONDITIONS AND CONDUIT ROUTING. CONTRACTOR TO VERIFY THAT EXISTING CONDUITS ARE IN GOOD CONDITIONS TO PULL NEW CONDUCTORS IN PRIOR TO COMMENCMENT OF WORK AND TO NOTIFY ENGINEER IF CONDUITS NEED TO BE REPLACED.

REMOVE DEMOLISHED/ABANDONED CONDUITS, INCLUDING THOSE ABOVE ACCESSIBLE CEILINGS, TO THE POINT THAT BUILDING CONSTRUCTION, EARTH, OR PAVING COVERS THEM. CUT CONDUIT BENEATH OR FLUSH WITH BUILDING CONSTRUCTION OR PAVING. PLUG, CAP, OR SEAL THE REMAINING UNUSED CONDUITS.

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TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

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1. DISCONNECT EXISTING HAND DRYER, MAINTAIN WIRES AND CONDUITS IN PLACE. MAKE READY FOR NEW INSTALLATION.

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21020 Park Row Dr.
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6925 Portwest Drive
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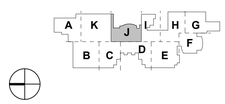
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

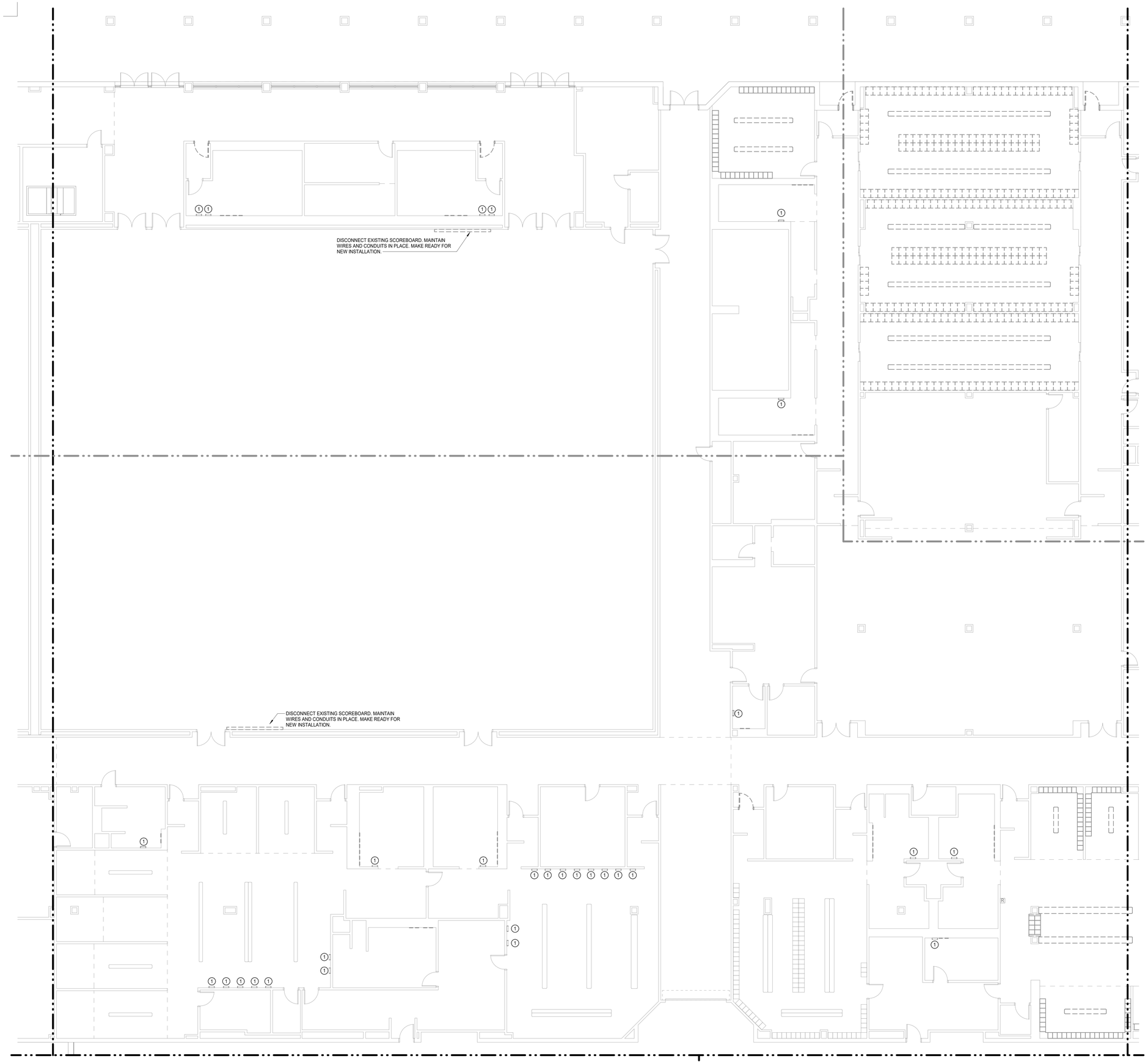
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA J

SHEET NUMBER
E-010-J



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 01 - AREA K**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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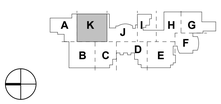
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

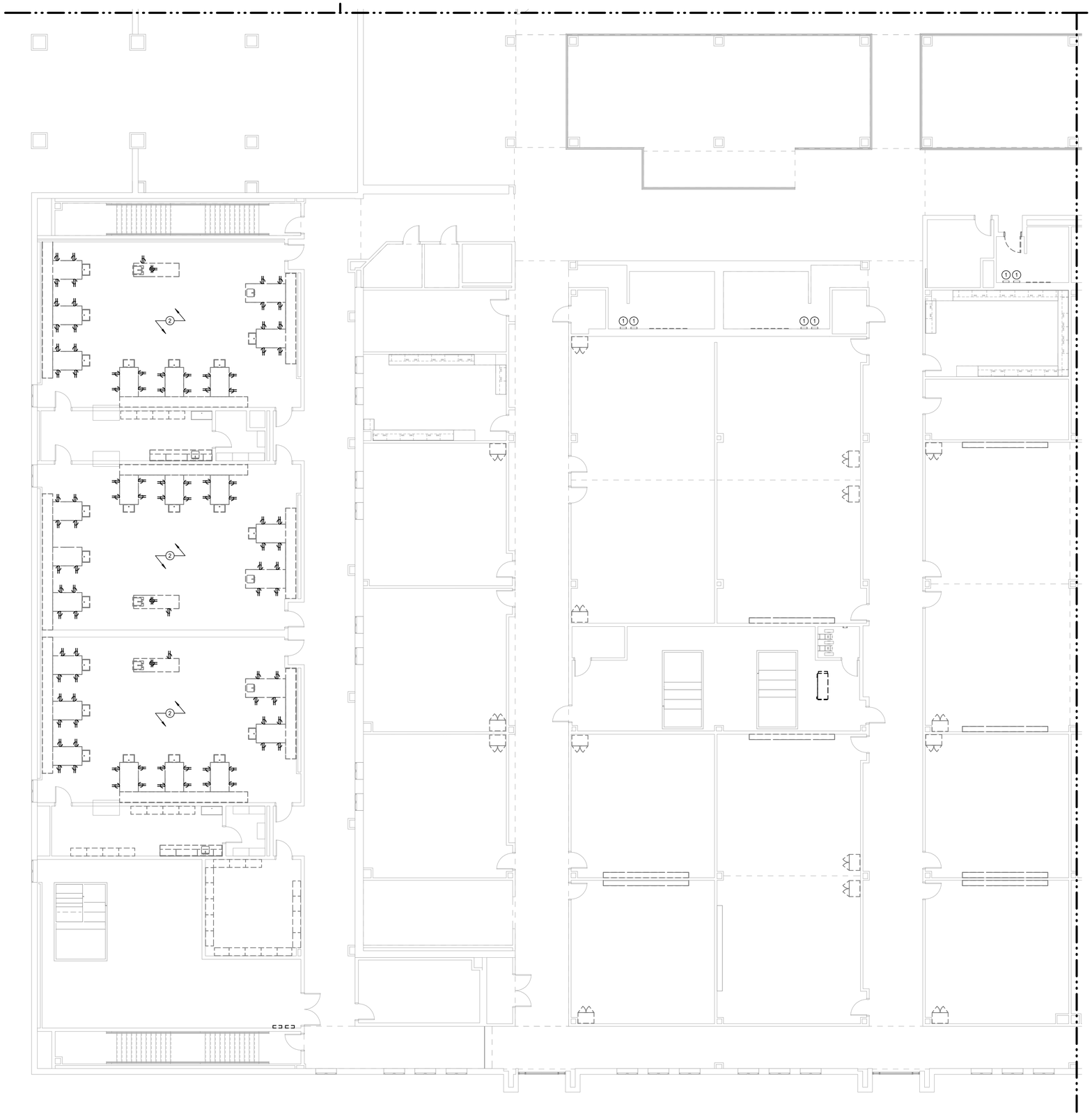
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA K

SHEET NUMBER
E-011-K



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA B**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
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2. REMOVE EXISITNG CASEWORK RECEPTACLES WITH ASSOCIATED WIRES AND CONDUITS BACK TO THE SOURCE OR NEAREST FIXTURE TO REMAIN. MAKE READY FOR NEW INSTALLATION.
3. EXISTING WALL RECEPTACLES TO REMAIN. REMOVE FACEPLATES AND MAKE SAFE FOR NEW CASEWORK INSTALLATION.

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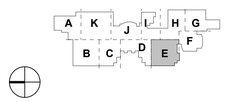


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

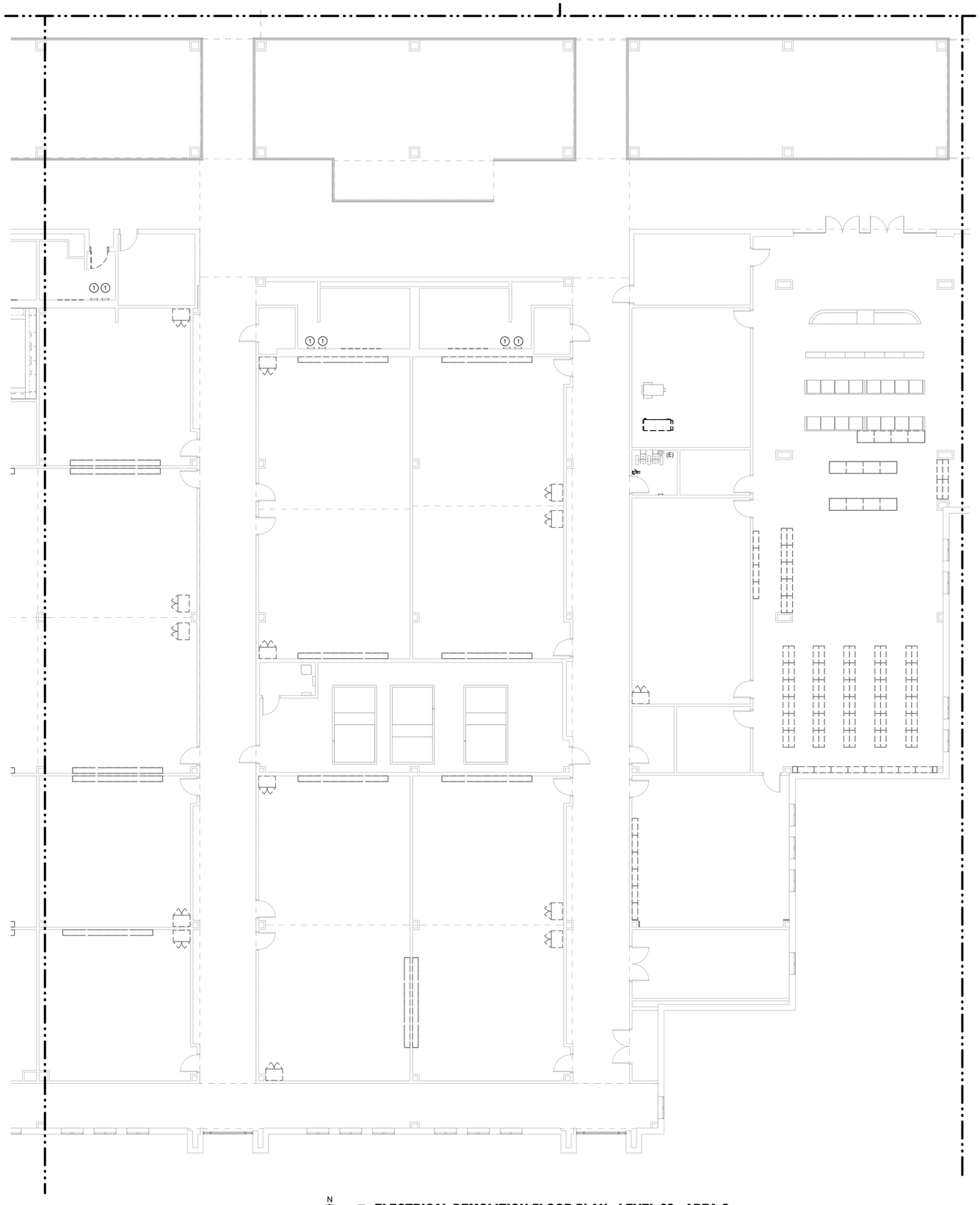
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA B

SHEET NUMBER
E-013-B



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA C**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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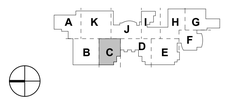


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

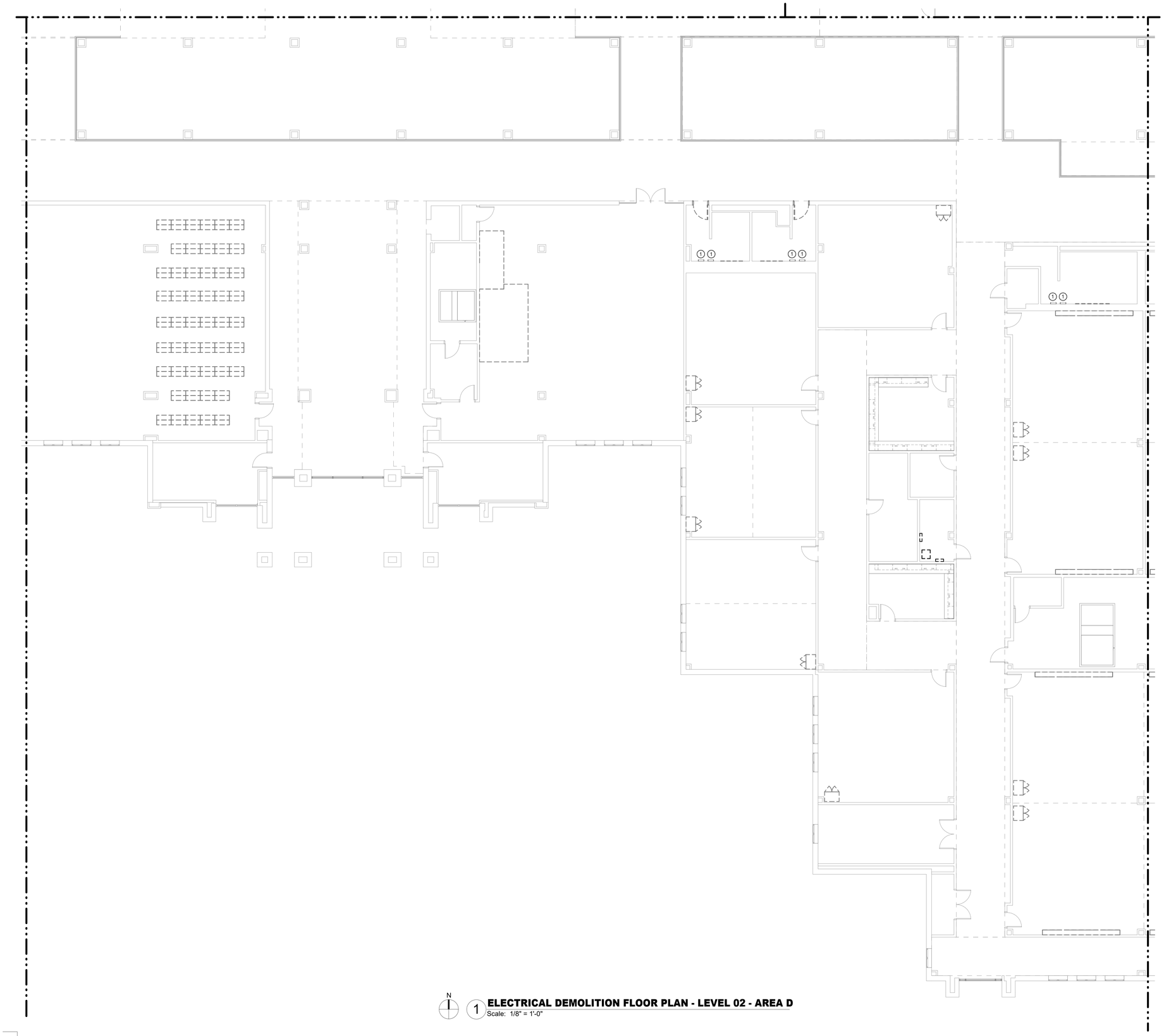
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA C

SHEET NUMBER
E-014-C



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA D**
Scale: 1/8" = 1'-0"

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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

EXISTING RACEWAYS AND LOCATION OF ELECTRICAL OUTLETS ON EXISTING WALLS TO REMAIN SHALL BE RE-USED AS PRACTICAL FOR NEW DEVICES AS PART OF NEW WORK.

VERIFY EXISTING CONDTIONS AND CONDUIT ROUTING. CONTRACTOR TO VERIFY THAT EXISTING CONDUITS ARE IN GOOD CONDITIONS TO PULL NEW CONDUCTORS IN PRIOR TO COMMENCMENT OF WORK AND TO NOTIFY ENGINEER IF CONDUITS NEED TO BE REPLACED.

REMOVE DEMOLISHED/ABANDONED CONDUITS, INCLUDING THOSE ABOVE ACCESSIBLE CEILINGS, TO THE POINT THAT BUILDING CONSTRUCTION, EARTH, OR PAVING COVERS THEM. CUT CONDUIT BENEATH OR FLUSH WITH BUILDING CONSTRUCTION OR PAVING. PLUG, CAP, OR SEAL THE REMAINING UNUSED CONDUITS.

DEMOLITION / EXISTING DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION AND, WHEN AVAILABLE, EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO ARCHITECT BEFORE DISTURBING ANY INSTALLATION AND IMMEDIATELY AFTER SUCHDISCREPANCIES ARE DISCOVERED. CONTRACTOR TO VERIFY EXISTING CONDITIONS ON FIELD AND NOTIFY ENGINEER IF THERE ARE ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND DRAWINGS PRIOR TO COMMENCEMENT OF WORK AS CALLED FOR ON THE DRAWINGS OR AS REQUIRED TO CLEAR THE AREAS OF NEW CONSTRUCTION. OWNER OR ITS REPRESENTATIVE SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED FROM THIS PROJECT. CONTRACTOR SHALL NOTIFY CAREY RAMSEY WITH THE DISTRICT PRIOR TO DEMOLITION WORK TO DISCUSS ALL RETURNED ITEMS TO DISTRICT.

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

ELECTRICAL GENERAL NOTES:

1. VERIFY ALL DEMOLITION WORK WITH ARCHITECT/OWNER PRIOR TO COMMENCEMENT OF WORK.
2. UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL SWITCHBOARDS, PANELBOARDS & TRANSFORMERS SHALL REMAIN.
3. DISCONNECT & REMOVE ALL ELECTRICAL POWER DEVICES FROM WALLS SCHEDULED TO BE DEMOLISHED. UNLESS INDICATED OTHERWISE, PULL EXISTING CONDUCTORS BACK TO CEILING AND LEAVE IN PLACE FOR RE-USE. REFER TO ARCHITECURAL DRAWINGS FOR EXISTING WALL DEMOLITION.
4. REMOVE AND STORE ALL EXISTING LIGHT SPEED CLASSROOM SOUND ENHANCEMENT SYSTEMS TO FACILITATE DEMOLITION OF EXISTING CEILING GRID AND RELOCATION OF CLASSROOMS
5. RETURN ANY REMOVED LIGHTING CONTROL PANELS & RELAY PANELS TO THE OWNER.
6. PROVIDE COVER PLATE FOR ANY REMOVED ELECTRICAL EQUIPMENT SUCH AS BUT NOT LIMITED TO RECEPTACLES OR SWITCHES ON EXISTING TO REMAIN WALLS.
7. UNLESS NOTED OTHERWISE, PULL CONDUCTORS FOR DEMOLISHED RECEPTACLES AND LIGHT FIXTURES BACK TO CEILING AND LEAVE IN PLACE FOR RE-USE.
8. ELECTRICAL WORK OR MATERIAL RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED. OLD UNUSED WIRING AND DEVICES SHALL BE REMOVED FROM THE ABANDONED (CONCEALED) CONDUITS. OUTLETS SHALL BE PROVIDED WITH BLANK COVERS. ANY CONDUITS OUT OF MASONRY SURFACE SHALL BE CUT INTO SURFACE AND PATCHED.

ELECTRICAL KEYED NOTES:

1. DISCONNECT EXISTING HAND DRYER. MAINTAIN WIRES AND CONDUITS IN PLACE. MAKE READY FOR NEW INSTALLATION.

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KW Landscape Architects
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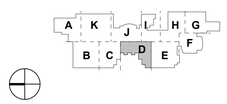
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

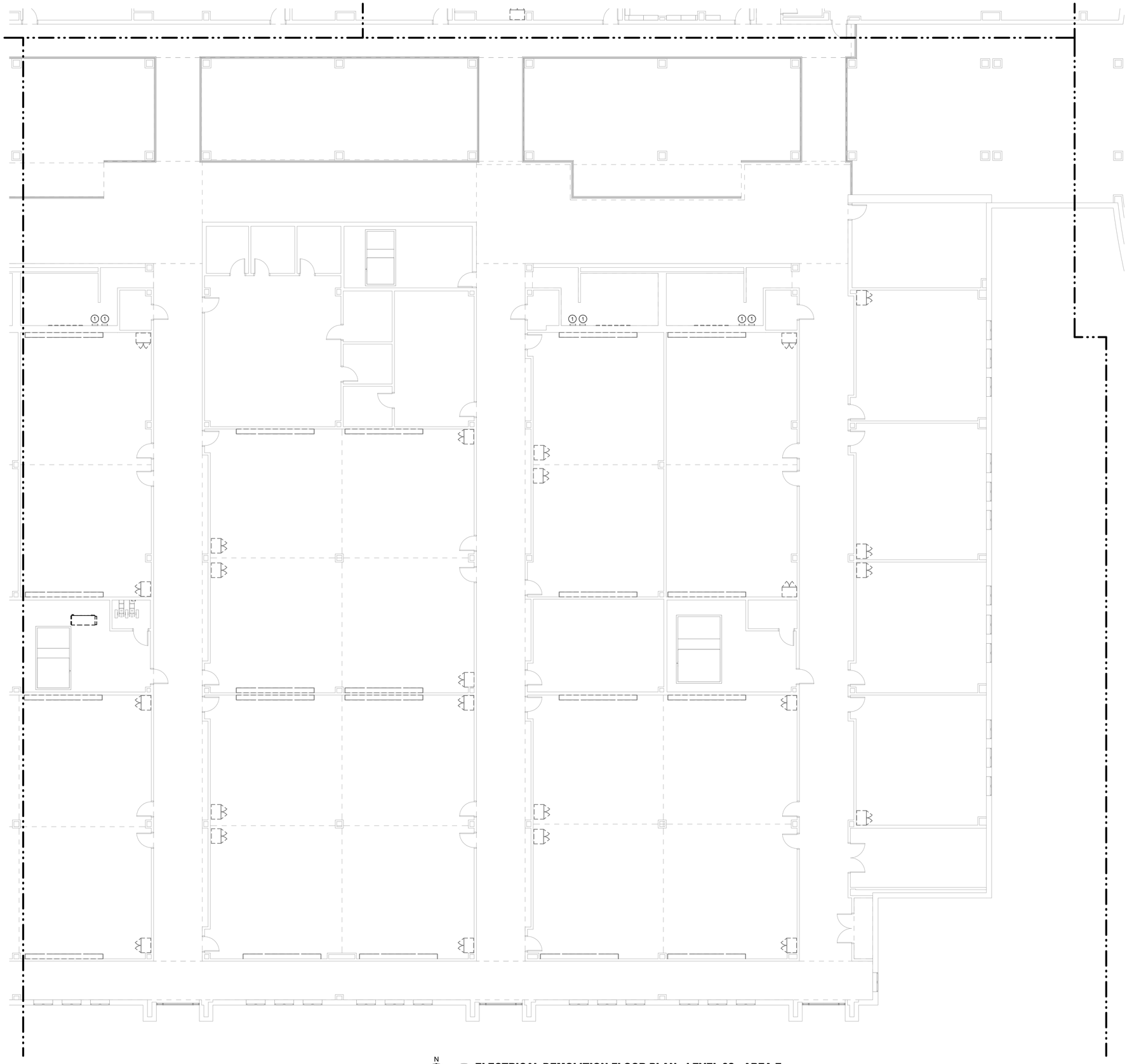
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA D

SHEET NUMBER
E-015-D



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA E**
Scale: 1/8" = 1'-0"

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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
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	ITEM TO BE REMOVED

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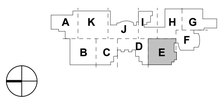
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

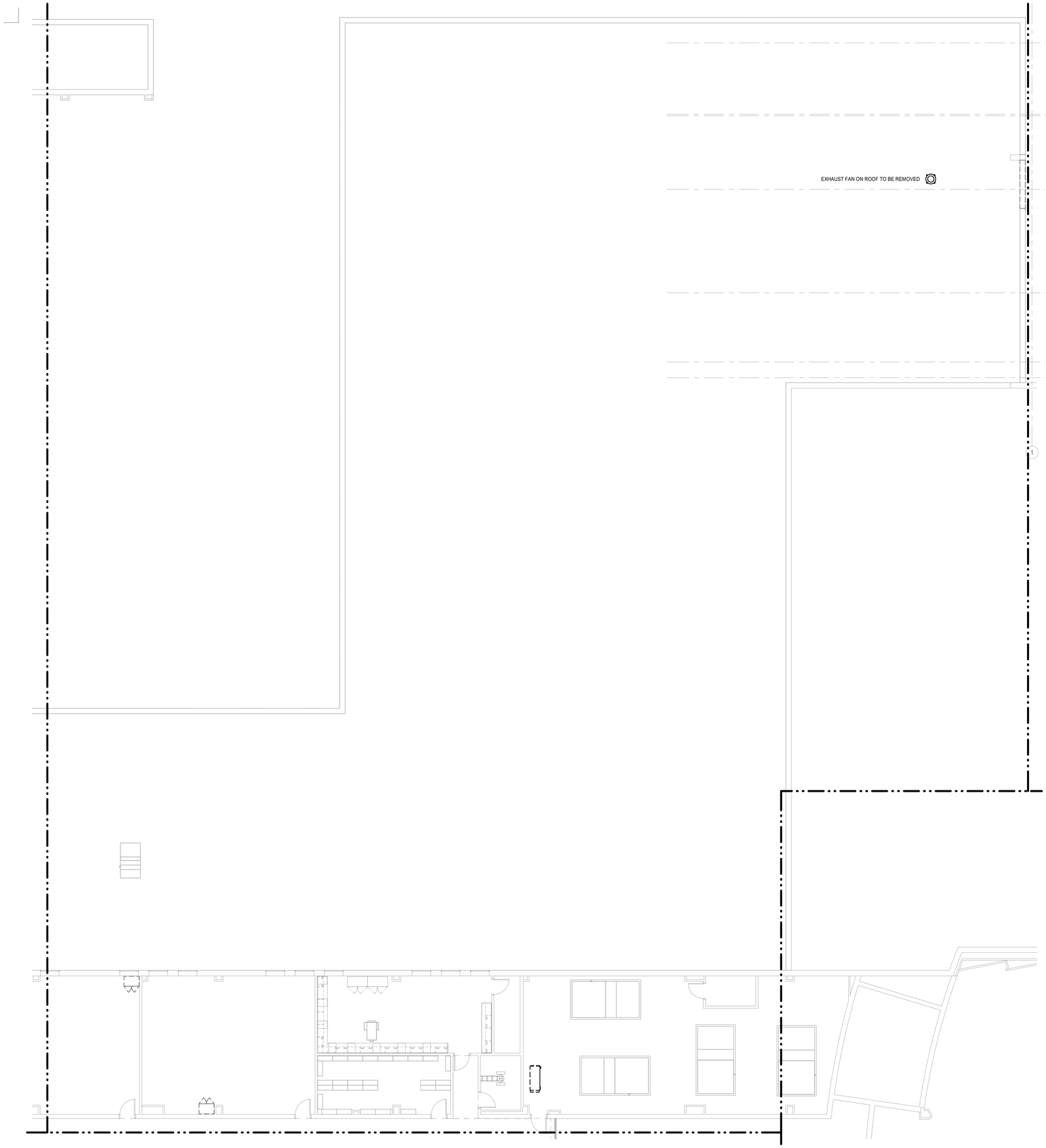
PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD

DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA E

SHEET NUMBER
E-016-E



1 **ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 02 - AREA H**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
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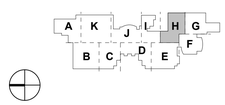

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA H

SHEET NUMBER
E-019-H

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

ELECTRICAL KEYED NOTES

1. DISCONNECT EXISTING PORTABLE AT BUILDING DISCONNECT. PULL OVEHEAD AND UNDERGROUND FEEDER CONDUCTORS BACK TO SOURCE OR NEAREST DEVICE TO REMAIN. IF BREAKER IS NOT FEEDING ANY OTHER EQUIPMENT, FLIP BREAKER TO THE OFF POSITION AND LABEL BREAKER AS A SPARE. REMOVE ASSOCIATED SUPPORT STRUCTURES FOR OVERHEAD FEEDER CONDUCTORS NO LONGER IN USE.
2. COORDINATE WITH CIVIL/STRUCTURAL TO DEMOLISH EXISTING CONDUIT SECTIONS WHERE EARTH/CONCRETE WORK IS LIKELY TO DAMAGE EXISTING CONDUIT. PULL EXISTING CONDUCTORS BACK TO SOURCE OR NEAREST DEVICE TO REMAIN. CAP CONDUIT FOR RE-USE.
3. DEMOLISH EXISTING SITE POLE. PULL EXISTING WIRING BACK TO SOURCE OR NEAREST DEVICE TO REMAIN. CAP AND ABANDON EXISTING CONDUIT.
4. EXISTING OVERHEAD FEEDER FOR PORTABLE TO BE DEMOLISHED.

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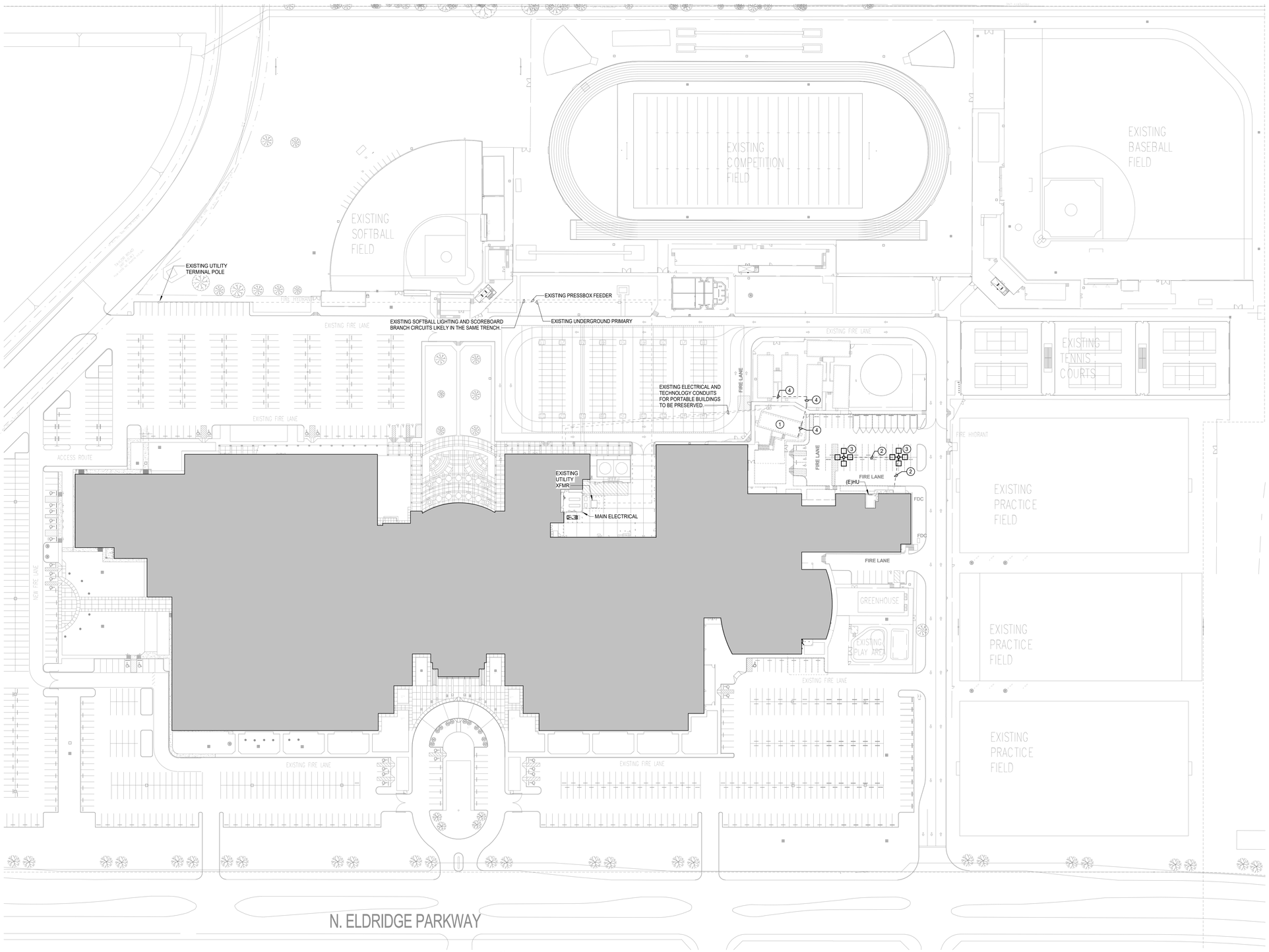
Registration: F-4111
Project No: 2023-05942-00



N

1 **ELECTRICAL DEMOLITION SITE PLAN**
Scale: 1" = 60'-0"

Page/

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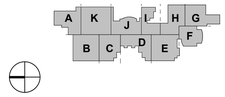


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

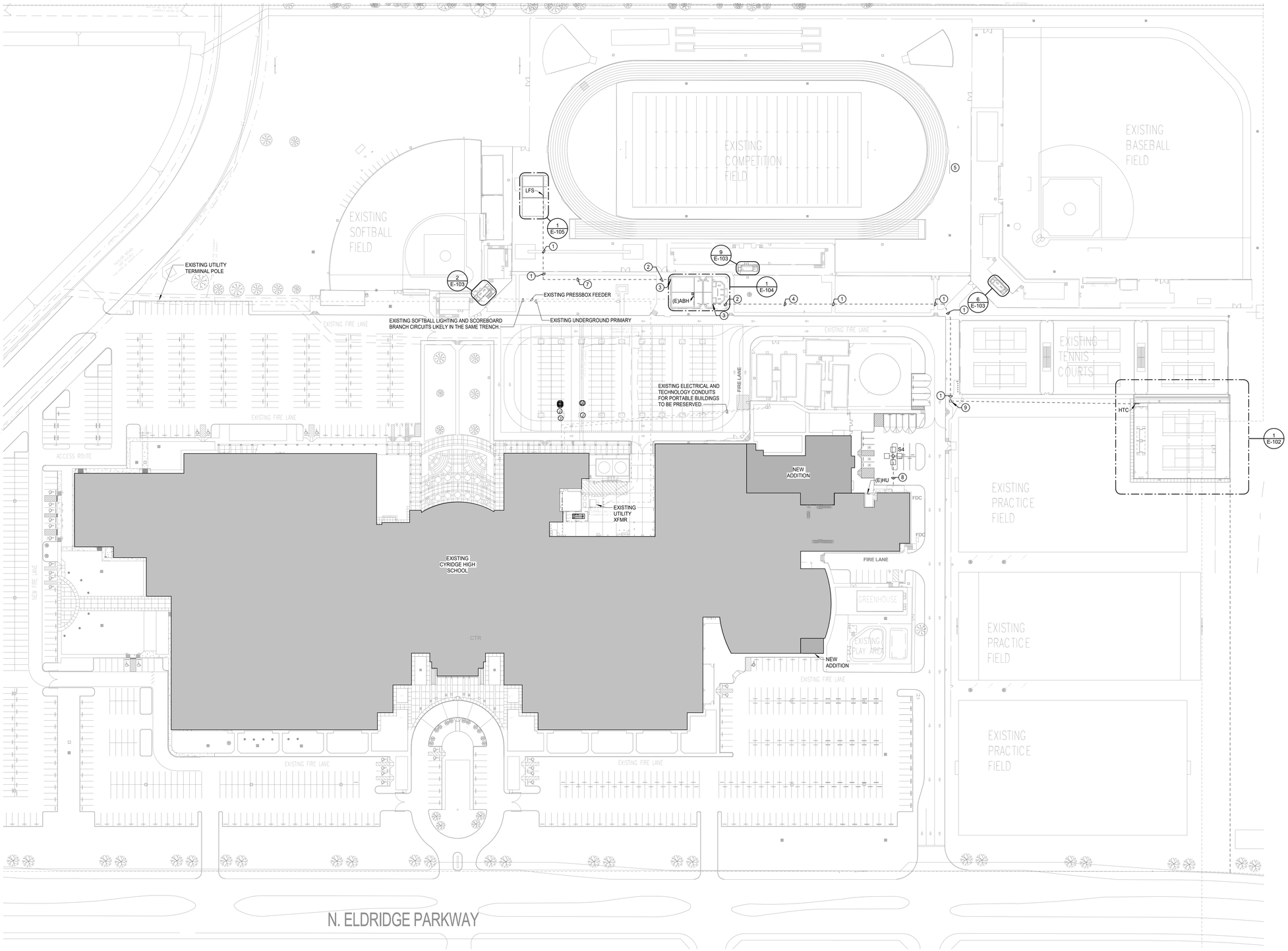
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION SITE PLAN

SHEET NUMBER
E-100

ELECTRICAL KEYED NOTES

1. BORE UNDER EXISTING SIDEWALK.
2. SAWCUT AND PATCH EXISTING CONCRETE TO ROUTE FEEDER.
3. STUB UP UNDERGROUND CONDUIT AND PENETRATE WALL ABOVE CEILING.
4. NEW TENNIS COURT FEEDER. REFER TO ONELINE FOR SIZING AND QUANTITIES
5. DISCONNECT EXISTING SCOREBOARD. REMOVE EXISTING CONDUCTORS BACK TO SOURCE OR NEAREST DEVICE TO REMAIN. MAINTAIN EXISTING CONDUITS. MAKE READY FOR NEW INSTALLATION. EXTEND CONDUIT/RACEWAY AS NEEDED. PROVIDE NEW 2#10, 1#10G. IN EXISTING CONDUIT FROM EXISTING BREAKER IN CONCESSION BUILDING.
6. BORE UNDER LONG JUMP RUNWAY.
7. NEW ATHLETIC FIELDHOUSE FEEDER. REFER TO ONELINE FOR SIZING AND QUANTITIES.
8. INTERCEPT AND EXTEND EXISTING CONDUIT TO NEW SITE POLE. PROVIDE NEW 2#10 AND 1#10G. FROM NEW 20A/2P BREAKER IN EXISTING PANEL 'HU' TO NEW SITE VIA EXISTING CONTACTOR.
9. PROVIDE TRAFFIC RATED PULLBOX.



N

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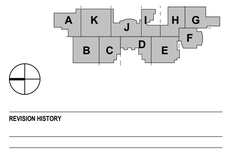
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

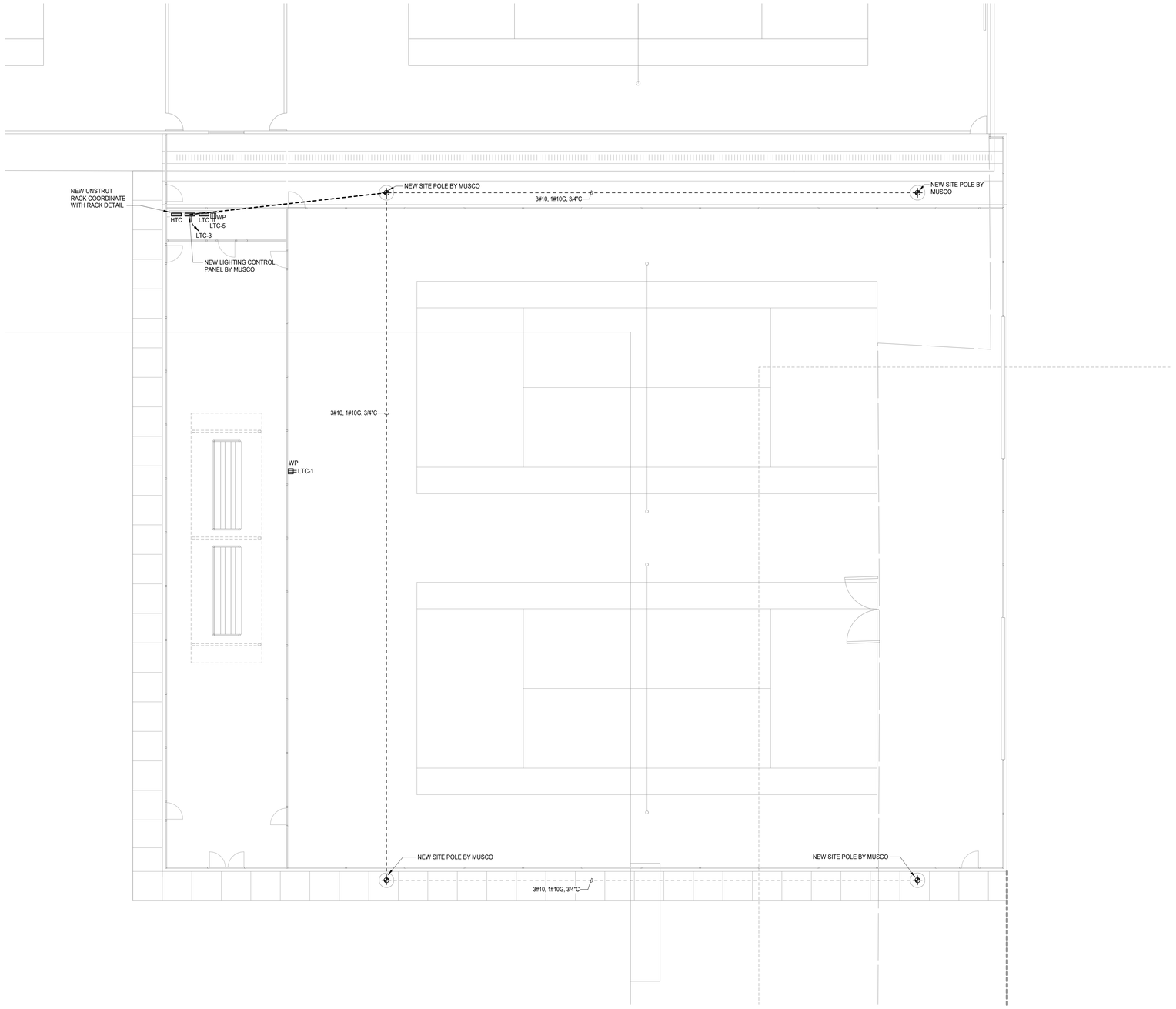
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL SITE PLAN

SHEET NUMBER
E-101



N

1 **ELECTRICAL SITE PLAN - TENNIS COURT ENLARGED PLAN**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
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346.509.5638

KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE

ISSUE FOR PROPOSALS

DECEMBER 09, 2024

SHEET NAME

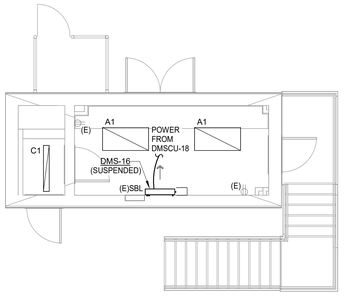
ELECTRICAL SITE PLAN - TENNIS COURTS

SHEET NUMBER

E-102

ELECTRICAL KEYED NOTES

1. COORDINATE EXACT LOCATION OF RECEPTACLES FOR IT EQUIPMENT WITH OWNER.
2. PROVIDE 120V/1P/20A, NON-FUSED DISCONNECT SWITCH MOUNTED TO FREE-STANDING UNISTRUT FRAME AS REQUIRED.



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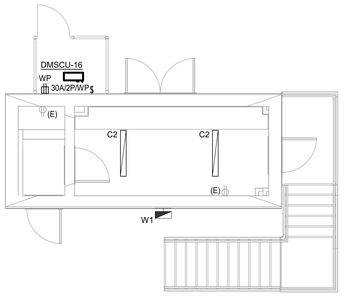
4 ELECTRICAL SITE PLAN - LEVEL 02 - SOFTBALL PRESSBOX
Scale: 3/16" = 1'-0"



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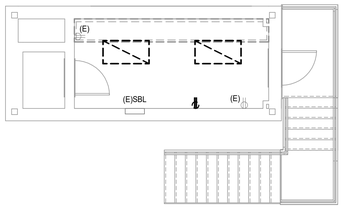
2 ELECTRICAL SITE PLAN - LEVEL 01- SOFTBALL PRESSBOX
Scale: 3/16" = 1'-0"



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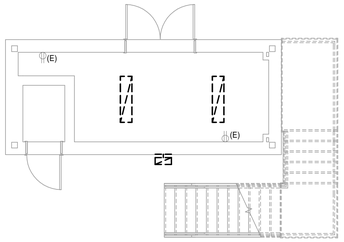
3 ELECTRICAL DEMOLITION SITE PLAN - LEVEL 02 - SOFTBALL PRESSBOX
Scale: 3/16" = 1'-0"



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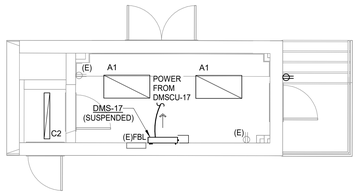
1 ELECTRICAL DEMOLITION SITE PLAN - LEVEL 01 - SOFTBALL PRESSBOX
Scale: 3/16" = 1'-0"



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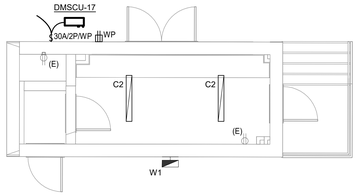
12 ELECTRICAL SITE PLAN - LEVEL 02 - FOOTBALL PRESSBOX
Scale: 3/16" = 1'-0"



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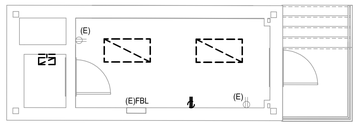
10 ELECTRICAL SITE PLAN - LEVEL 01 - FOOTBALL PRESSBOX
Scale: 3/16" = 1'-0"



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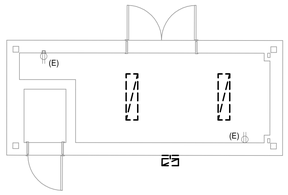
11 ELECTRICAL DEMOLITION SITE PLAN - LEVEL 02 - FOOTBALL PRESSBOX
Scale: 3/16" = 1'-0"



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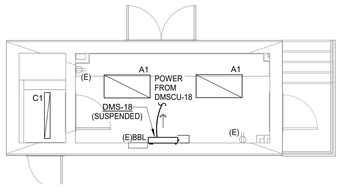
9 ELECTRICAL DEMOLITION SITE PLAN - LEVEL 01 - FOOTBALL PRESSBOX
Scale: 3/16" = 1'-0"



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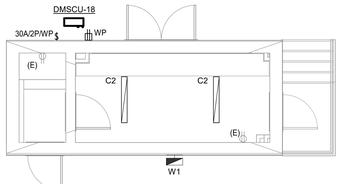
8 ELECTRICAL SITE PLAN - LEVEL 02 - BASEBALL PRESSBOX
Scale: 3/16" = 1'-0"



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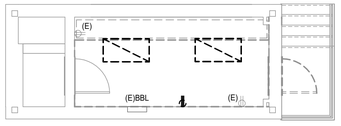
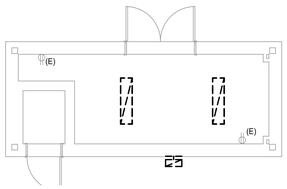
6 ELECTRICAL SITE PLAN - LEVEL 01 - BASEBALL PRESSBOX
Scale: 3/16" = 1'-0"



N

7 ELECTRICAL DEMOLITION SITE PLAN - LEVEL 02 - BASEBALL PRESSBOX
Scale: 3/16" = 1'-0"



N

5 ELECTRICAL DEMOLITION SITE PLAN - LEVEL 01 - BASEBALL PRESSBOX
Scale: 3/16" = 1'-0"

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Registration: F-4111
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346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL ENLARGED FLOOR PLANS - PRESSBOXES

SHEET NUMBER
E-103

ELECTRICAL KEYED NOTES

1. COORDINATE EXACT LOCATION OF RECEPTACLES FOR IT EQUIPMENT WITH OWNER.
2. PROVIDE 120V/1P/20A, NON-FUSED DISCONNECT SWITCH MOUNTED TO FREE-STANDING UNISTRUT FRAME AS REQUIRED.

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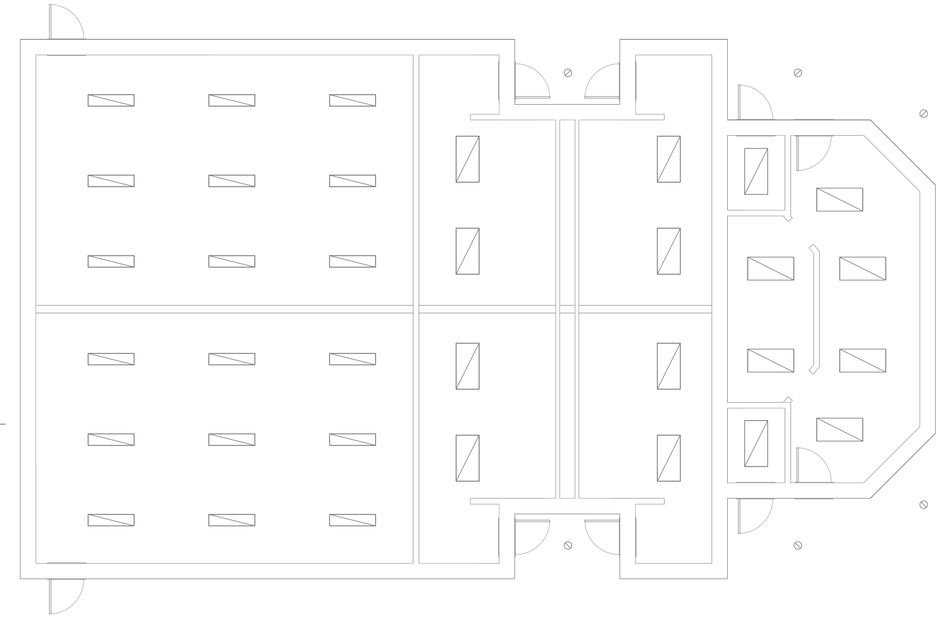

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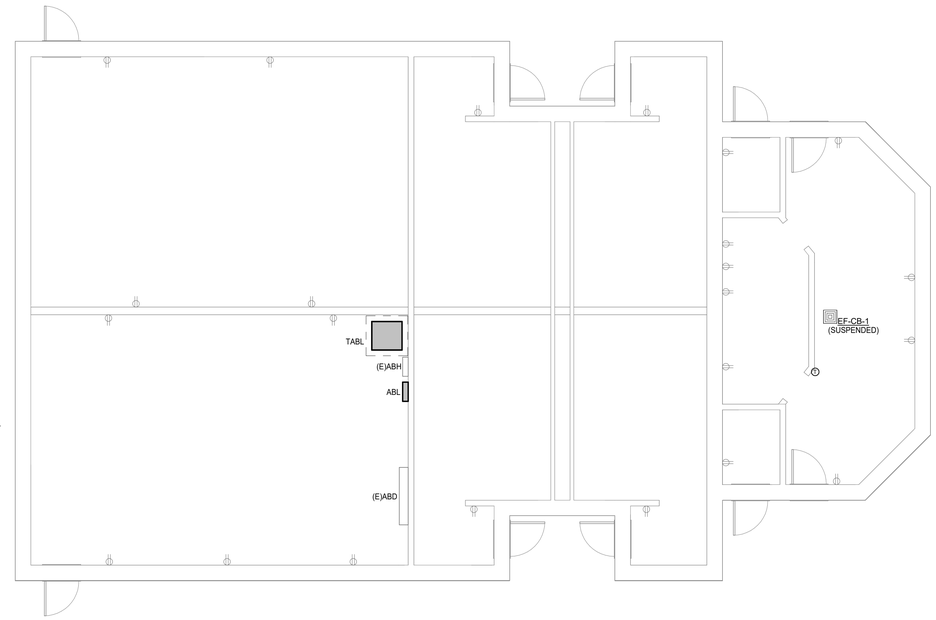
2 **ELECTRICAL LIGHTING SITE PLAN - CONCESSIONS**
Scale: 3/16" = 1'-0"



N

1 **ELECTRICAL POWER SITE PLAN - CONCESSIONS**
Scale: 3/16" = 1'-0"

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6925 Portwest Drive
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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL ENLARGED FLOOR PLANS - CONCESSIONS

SHEET NUMBER

E-104

ELECTRICAL KEYED NOTES

1. PROVIDE INTERMATIC EI600XX TIME SWITCH AND CONTROL PHOTOCELL OUTSIDE FOR CIRCUIT.

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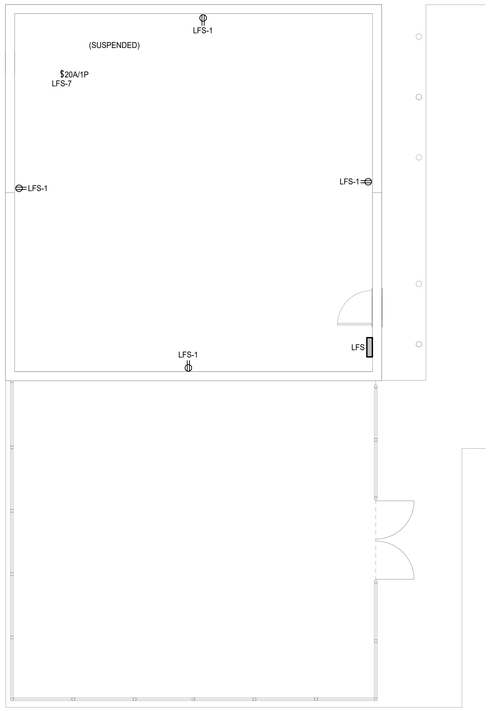
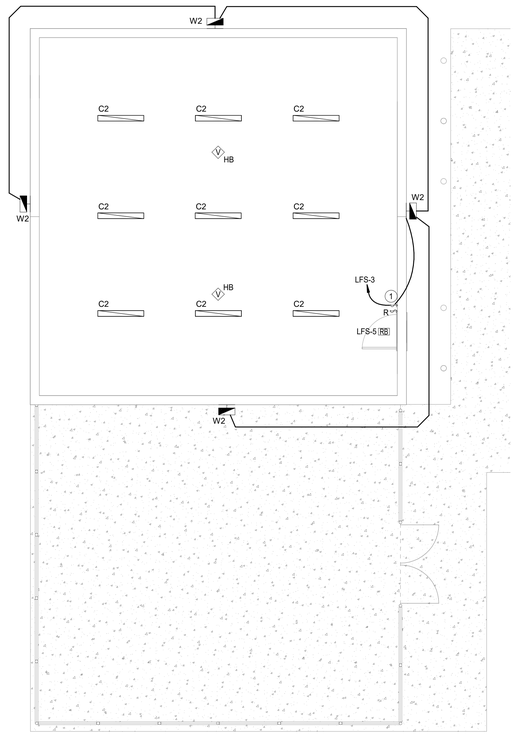


N

2 **ELECTRICAL POWER SITE PLAN - FIELD STORAGE**
Scale: 3/16" = 1'-0"



N

1 **ELECTRICAL LIGHTING SITE PLAN - FIELD STORAGE**
Scale: 3/16" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE

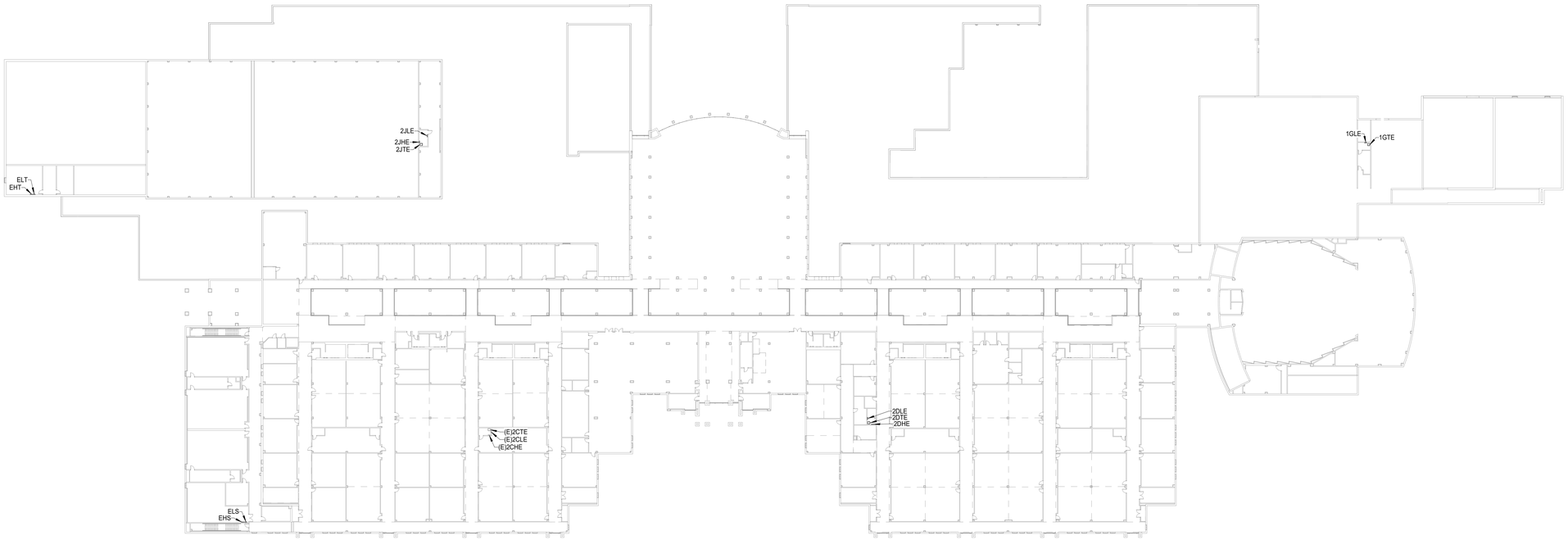
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL ENLARGED FLOOR PLANS - FIELD STORAGE

SHEET NUMBER

E-105



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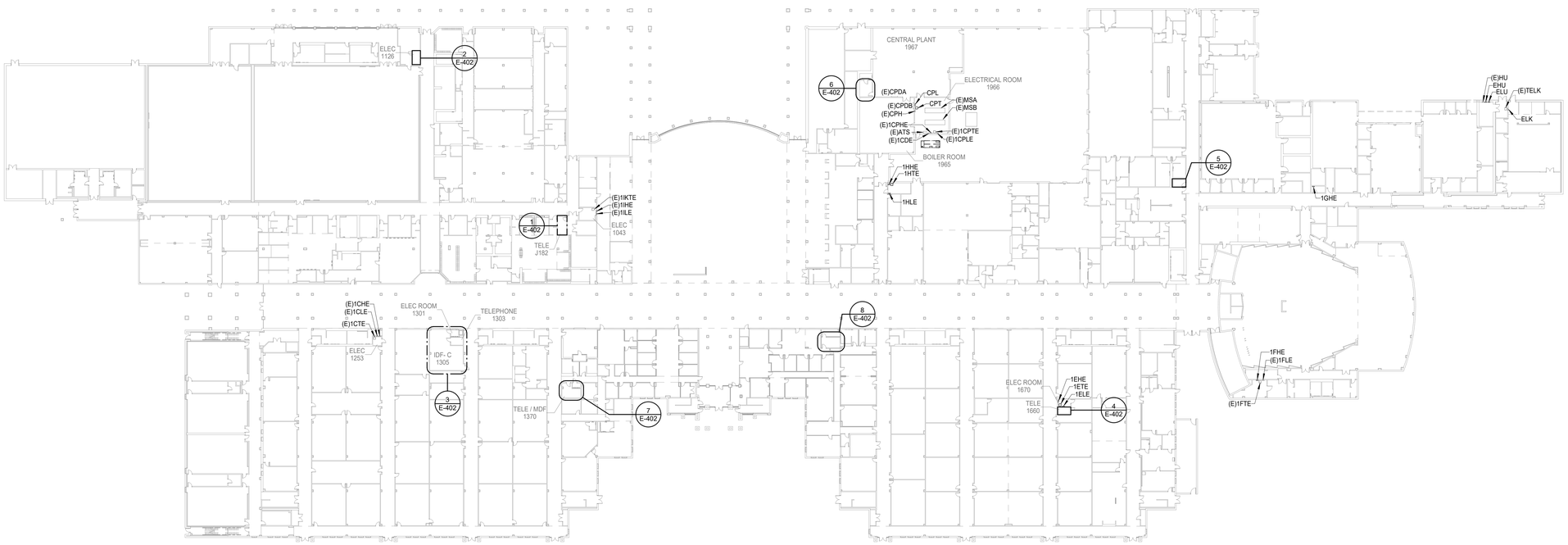
2 ELECTRICAL COMPOSITE DEMOLITION FLOOR PLAN - LEVEL 02

Scale: 1" = 40'-0"



N

1 ELECTRICAL COMPOSITE DEMOLITION FLOOR PLAN - LEVEL 01

Scale: 1" = 40'-0"

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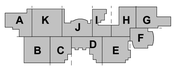
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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AW	JZ

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL DEMOLITION COMPOSITE FLOOR PLANS

SHEET NUMBER

E-106

Salas O'Brien
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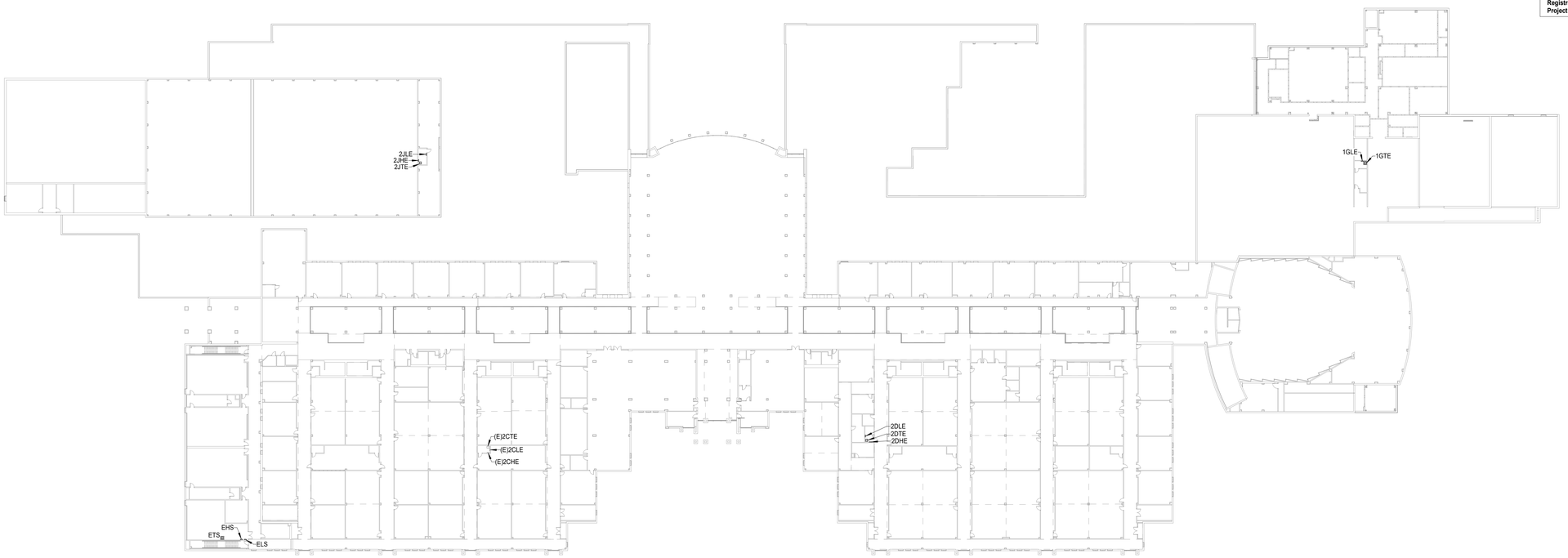
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00



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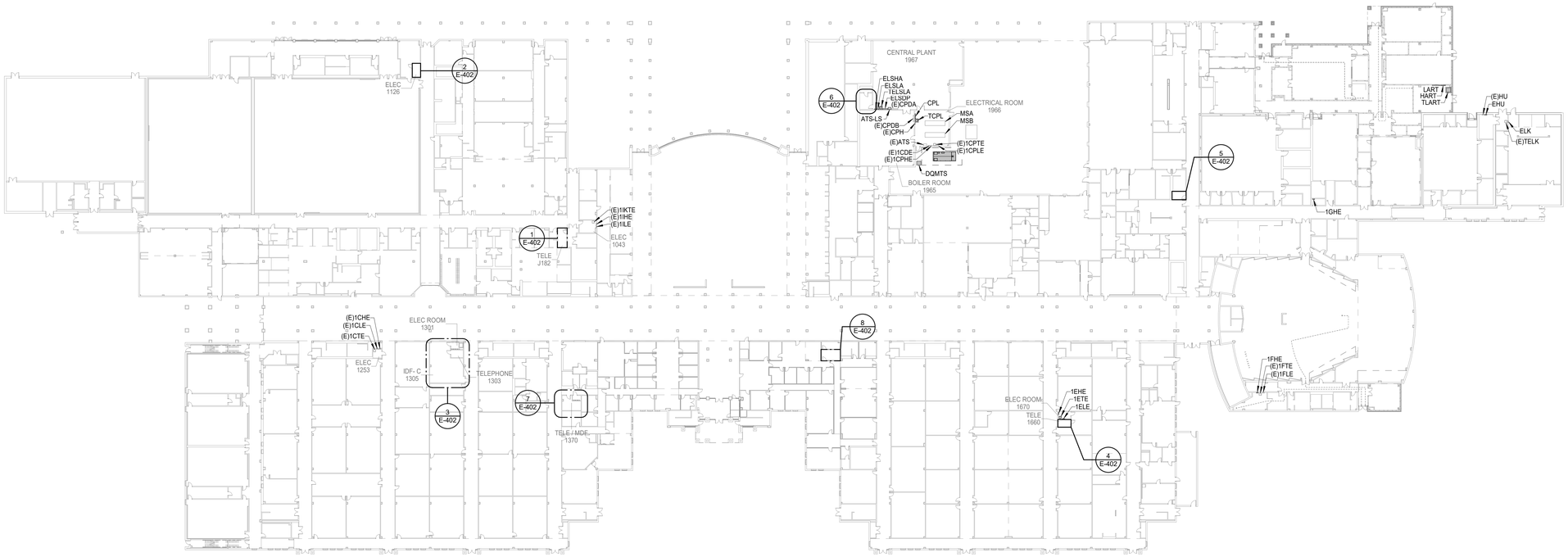
2 **ELECTRICAL COMPOSITE NEW FLOOR PLAN - LEVEL 02**
Scale: 1" = 40'-0"



N

1 **ELECTRICAL COMPOSITE NEW FLOOR PLAN - LEVEL 01**
Scale: 1" = 40'-0"

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Houston, TX 77024
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KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

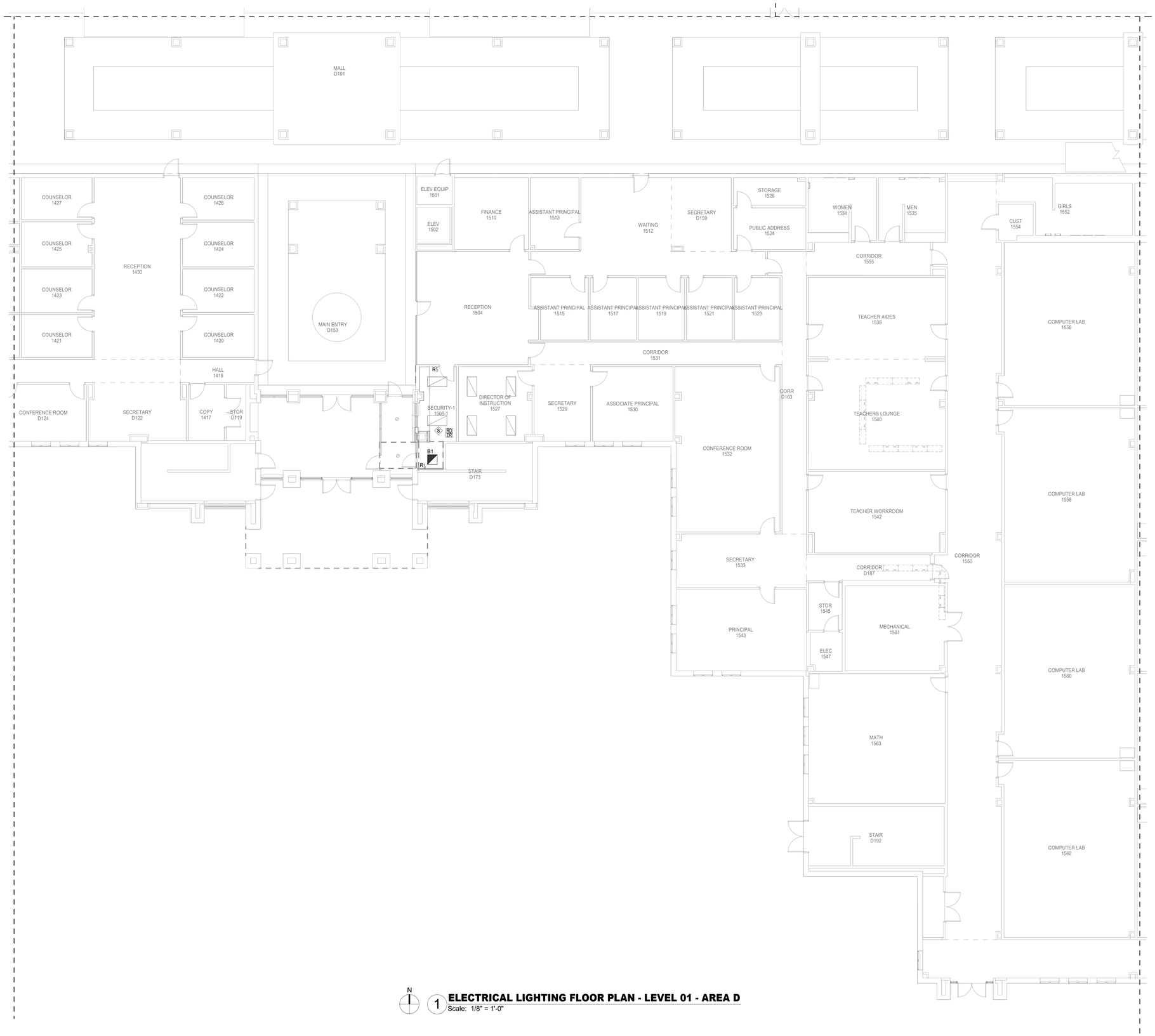
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL NEW COMPOSITE FLOOR PLANS

SHEET NUMBER
E-107



N

1 **ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 01 - AREA D**
Scale: 1/8" = 1'-0"

Salas O'Brien
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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

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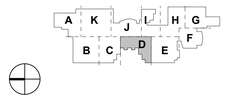
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 1 - AREA D

SHEET NUMBER
E-201-D

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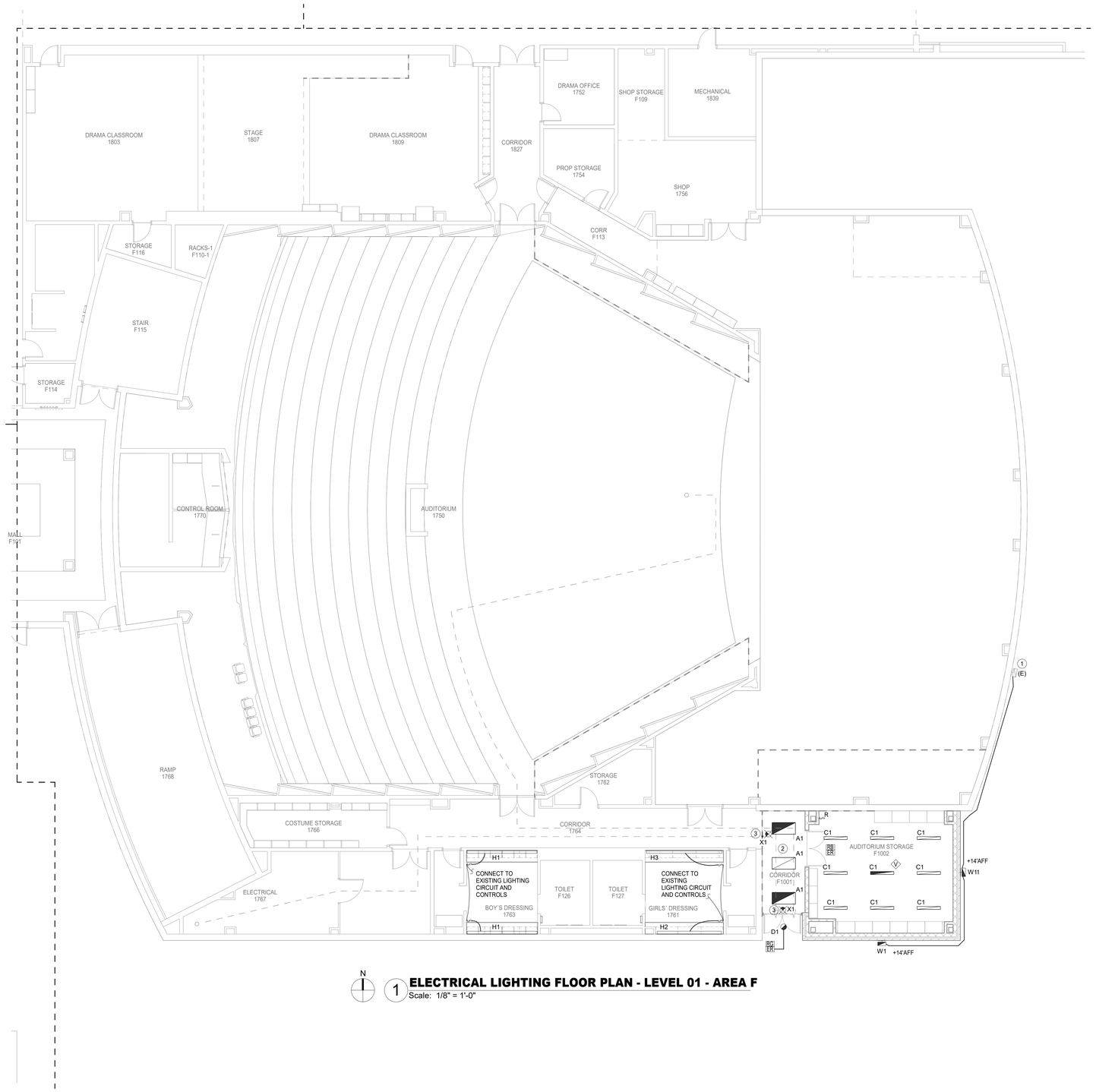
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

ELECTRICAL KEYED NOTES

1. PULL NEW 2#10 AND 1#10G IN 3/4"C FROM EXISTING LIGHT FIXTURE. USE EXISTING OUTDOOR LIGHTING CONTROLS FOR NEW FIXTURES. INTERCEPT EXISTING CIRCUITING BACK AT ELECTRICAL ROOM AND REROUTE THROUGH NEW BMCS CONTROLLED CONTACTOR.
2. CONNECT NEW LIGHT FIXTURES TO EXISTING CORRIDOR LIGHTING CIRCUITS (NORMAL AND EMERGENCY). INTERCONNECT NEW LIGHTS WITH EXISTING LIGHTING CONTROLS.
3. CONNECT NEW EXIT SIGN TO EXISTING (CONSTANT HOT) EXIT SIGNS CIRCUIT.



N

1 **ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 01 - AREA F**
Scale: 1/8" = 1'-0"

Page/

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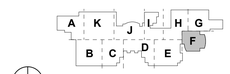
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
TEXAS
80219
LICENSED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 1 - AREA F

SHEET NUMBER
E-202-F

ELECTRICAL KEYED NOTES

1. DO NOT PENETRATE CANOPY WITH CONDUIT.
2. MOUNT BOTTOM EDGE OF PENDANT FIXTURES LEVEL WITH PIPE GRID
3. MOUNT EXIT LIGHT FROM PIPE GRID. FIXTURE TO BE MOUNTED WITHIN CURTAIN AREA AND VISIBLE WHEN CURTAIN IS CLOSED.
4. REFER TO THEATRICAL PLANS FOR TO DMX CONTROLS AND EMERGENCY UL924/1008 DEVICES.

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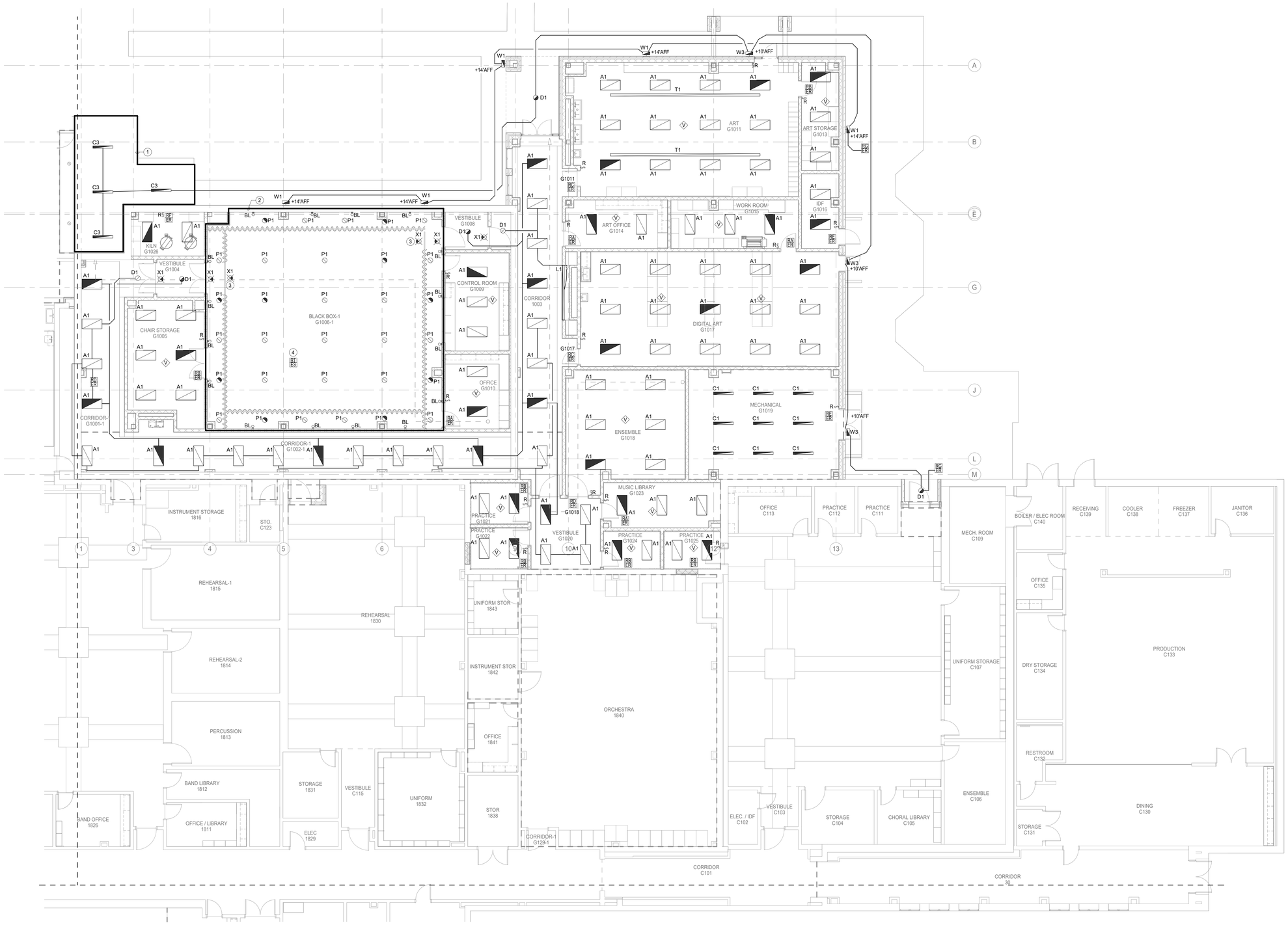

N

1 **ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 01 - AREA G**
Scale: 1/8" = 1'-0"

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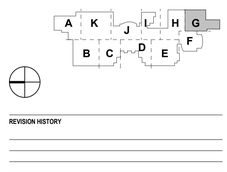
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
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12/09/2024

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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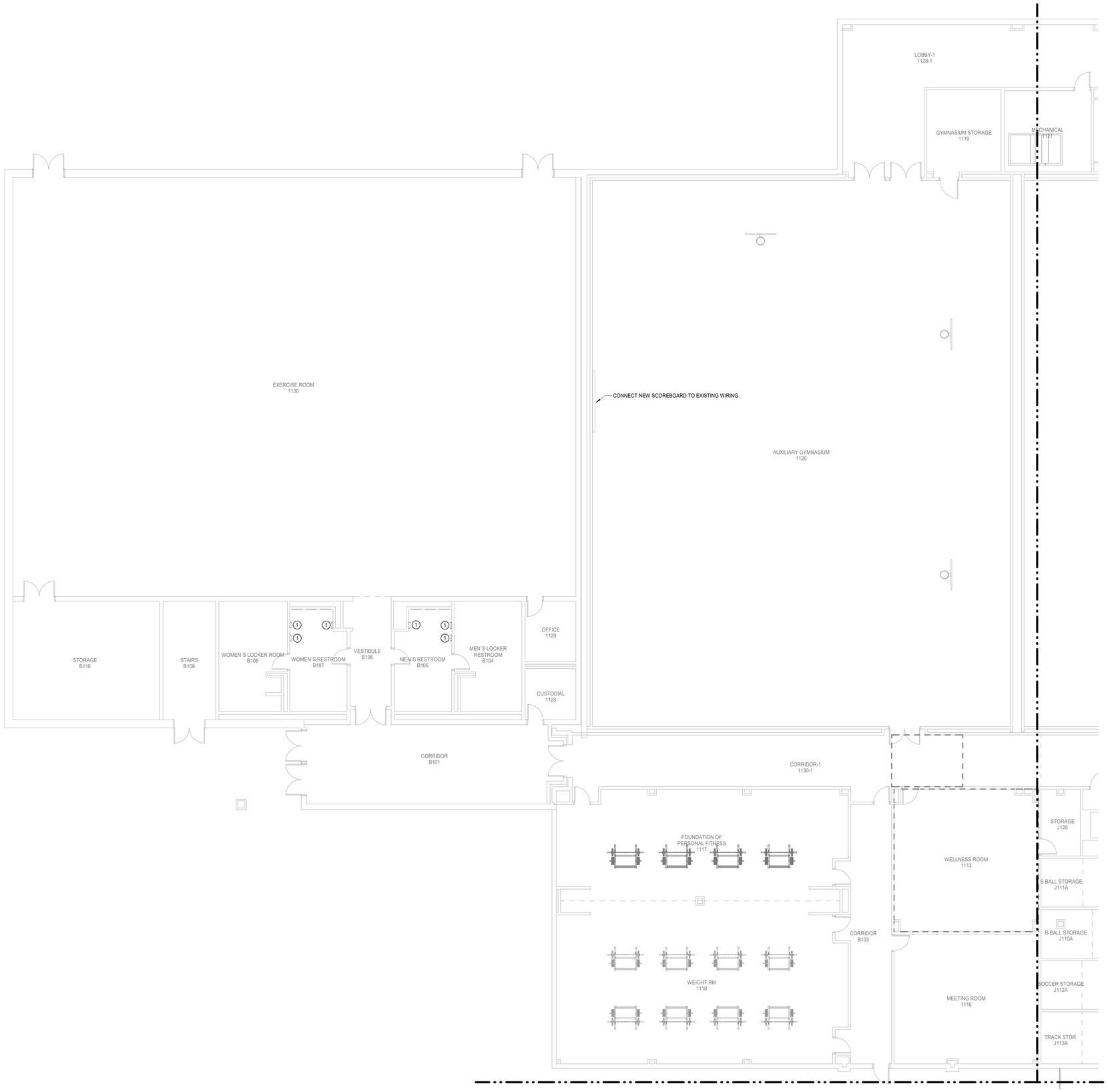
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 1 - AREA G

SHEET NUMBER
E-203-G



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA A**
Scale: 1/8" = 1'-0"

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SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

WHERE ANY NEW WALL TERMINATES AT THE SAME LOCATION AS AN EXISTING WALL MOUNTED ELECTRICAL AND TECHNOLOGY DEVICE, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE.

WHERE ANY EXISTING JUNCTION BOX AND/OR PULLBOX IS LOCATED AT A NEW NON-ACCESSIBLE CEILING AREA, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT ABOVE NEAREST ACCESSBLE CEILING AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

ELECTRICAL GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL ANDPLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE HAVE GFCI PROTECTION.
5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

ELECTRICAL KEYED NOTES:

1. CONNECT NEW HAND DRYER TO EXISTING WIRING AND PROVIDE NEW 20A LOCK-OFF BREAKER IN EXISTING PANEL 'LT'.

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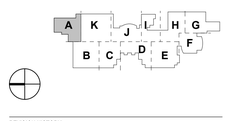
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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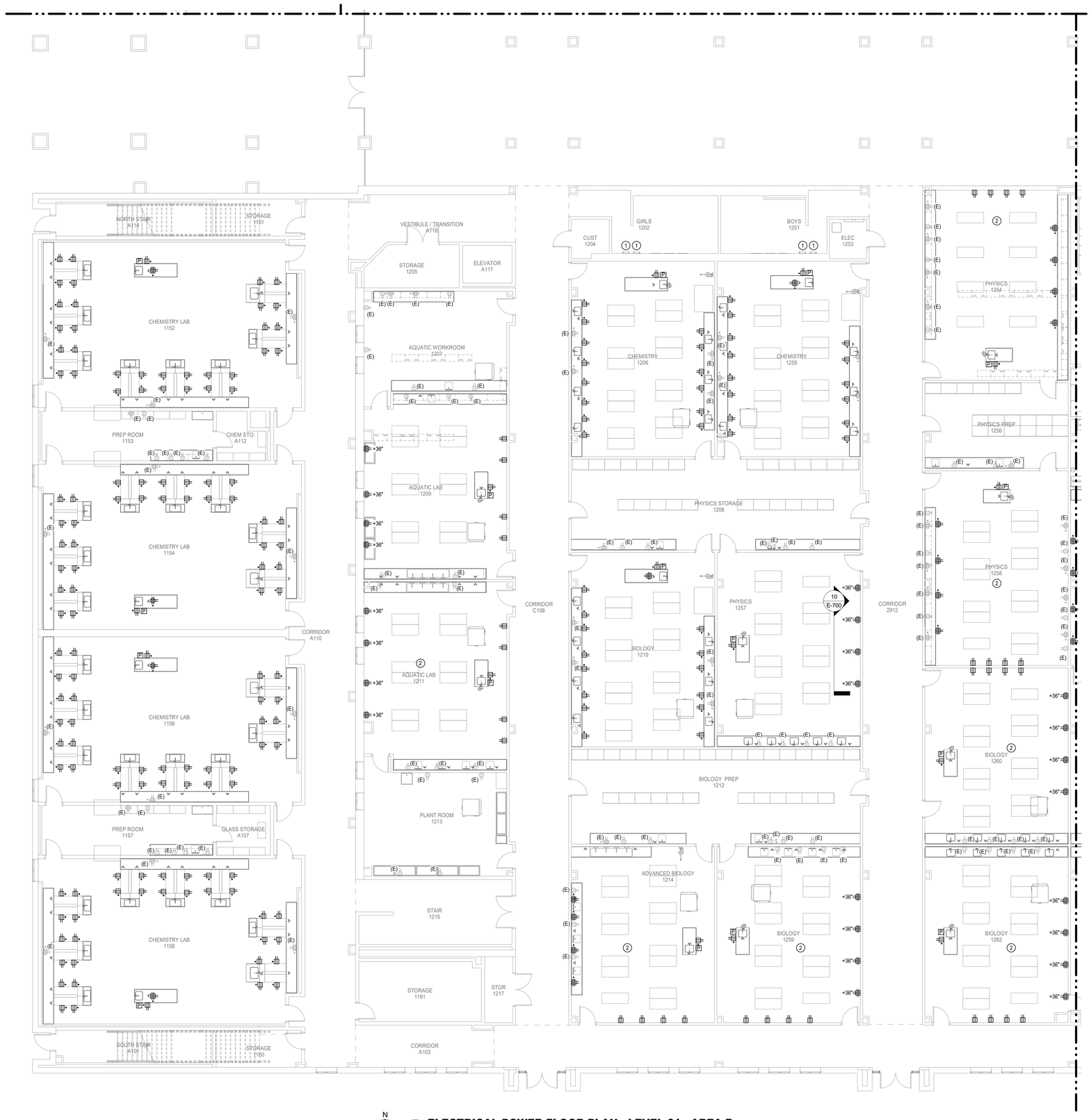
PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA A

SHEET NUMBER
E-301-A



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA B**
Scale: 1/8" = 1'-0"

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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

WHERE ANY NEW WALL TERMINATES AT THE SAME LOCATION AS AN EXISTING WALL MOUNTED ELECTRICAL AND TECHNOLOGY DEVICE, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE.

WHERE ANY EXISTING JUNCTION BOX AND/OR PULLBOX IS LOCATED AT A NEW NON-ACCESSIBLE CEILING AREA, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT ABOVE NEAREST ACCESSIBLE CEILING AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

ELECTRICAL GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL ANDPLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE HAVE GFCI PROTECTION.
5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

ELECTRICAL KEYED NOTES:

1. CONNECT NEW HAND DRYER TO EXISTING WIRING.
2. REFER TO DETAIL #10 ON SHEET E-700 FOR RECEPTACLES MOUNTED ON CMU WALLS.

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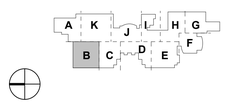


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

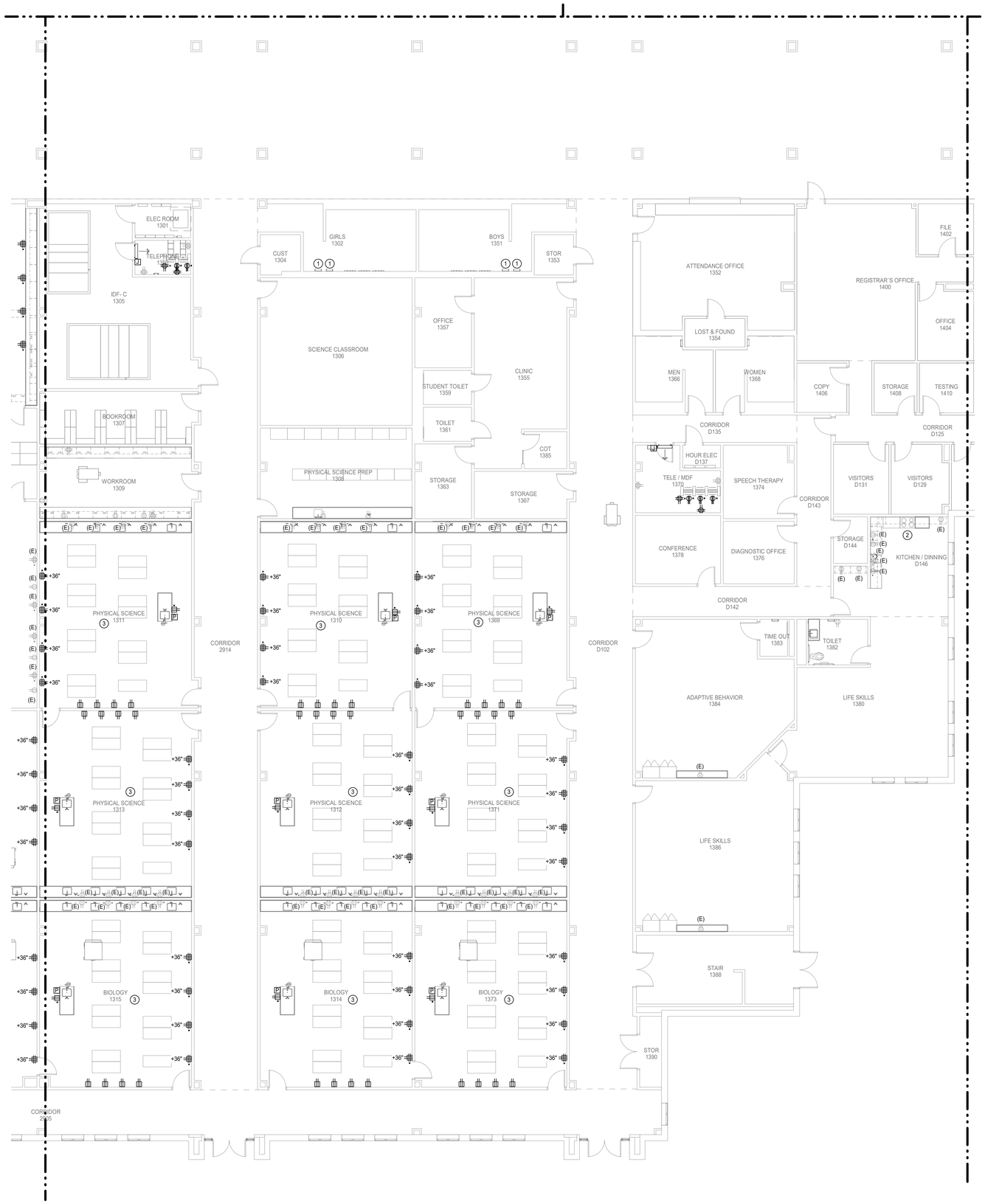
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA B

SHEET NUMBER
E-302-B



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA C**
Scale: 1/8" = 1'-0"

Salas O'Brien
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Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

WHERE ANY NEW WALL TERMINATES AT THE SAME LOCATION AS AN EXISTING WALL MOUNTED ELECTRICAL AND TECHNOLOGY DEVICE, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE.

WHERE ANY EXISTING JUNCTION BOX AND/OR PULLBOX IS LOCATED AT A NEW NON-ACCESSIBLE CEILING AREA, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT ABOVE NEAREST ACCESSIBLE CEILING AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

ELECTRICAL GENERAL NOTES:

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2. CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL ANDPLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE HAVE GFCI PROTECTION.
5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

ELECTRICAL KEYED NOTES:

1. CONNECT NEW HAND DRYER TO EXISTING WIRING.
2. RECONNECT EXISTING RANGE TO EXISTING WIRING.
3. REFER TO DETAIL #10 ON SHEET E-700 FOR RECEPTACLES MOUNTED ON CMU WALLS.

Page/

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KW Landscape Architects
6925 Portwest Drive
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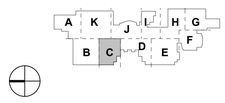
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

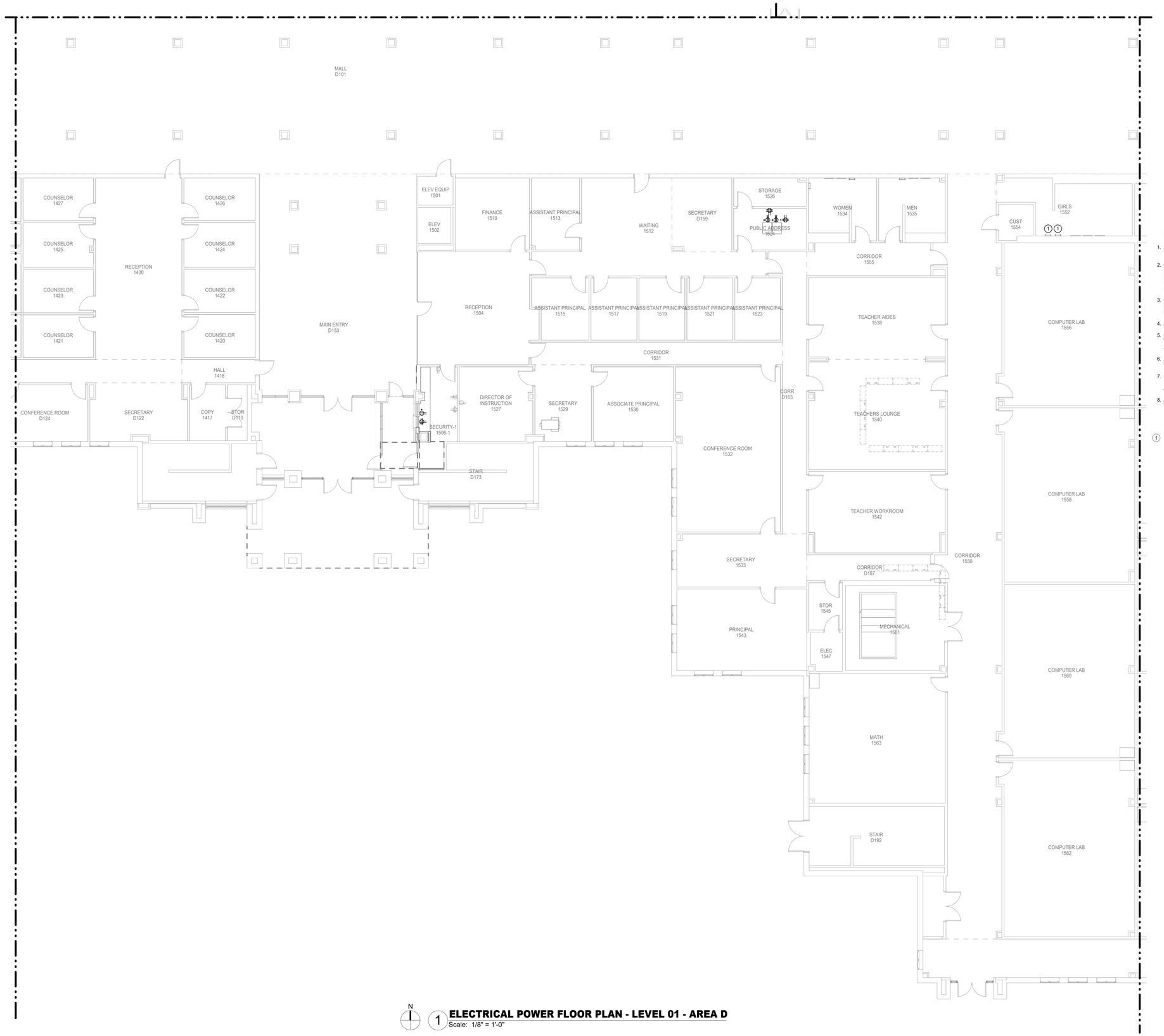
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA C

SHEET NUMBER
E-303-C



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA D**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

WHERE ANY NEW WALL TERMINATES AT THE SAME LOCATION AS AN EXISTING WALL MOUNTED ELECTRICAL AND TECHNOLOGY DEVICE, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE.

WHERE ANY EXISTING JUNCTION BOX AND/OR PULLBOX IS LOCATED AT A NEW NON-ACCESSIBLE CEILING AREA, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT ABOVE NEAREST ACCESSIBLE CEILING AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

ELECTRICAL GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL ANDPLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE HAVE GFCI PROTECTION.
5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

ELECTRICAL KEYED NOTES:

1. CONNECT NEW HAND DRYER TO EXISTING WIRING.

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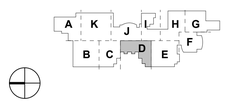
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA D

SHEET NUMBER
E-304-D

N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA E**
Scale: 1/8" = 1'-0"

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Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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WHERE ANY NEW WALL TERMINATES AT THE SAME LOCATION AS AN EXISTING WALL MOUNTED ELECTRICAL AND TECHNOLOGY DEVICE, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE.

WHERE ANY EXISTING JUNCTION BOX AND/OR PULLBOX IS LOCATED AT A NEW NON-ACCESSIBLE CEILING AREA, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT ABOVE NEAREST ACCESSIBLE CEILING AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

ELECTRICAL GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL ANDPLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE HAVE GFCI PROTECTION.
5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

ELECTRICAL KEYED NOTES:

1. CONNECT NEW HAND DRYER TO EXISTING WIRING.
2. RECONNECT EXISTING RANGE TO EXISTING WIRING.

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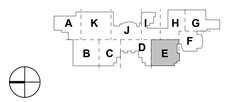
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33ACC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA E

SHEET NUMBER
E-305-E

ELECTRICAL KEYED NOTES

1. PROVIDE DUPLEX FOR WALL MOUNTED TELEVISION. REFER TO LATEST AV DRAWINGS FOR HEIGHT AND ADDITONAL INSTALLATION REQUIREMENTS.
2. PROVIDE QUADRUPLEX FOR IN AV CONNECTIVITY WALLPLATE. REFER TO LATEST AV DRAWINGS FOR HEIGHT AND ADDITONAL INSTALLATION REQUIREMENTS.
3. DIVISION 26 TO TERMINATE CIRCUITS INDICATED IN AV RACK. REFER TO AV DETAILS FOR ADDITIONAL REQUIREMENTS.
4. PROVIDE DUPLEX FOR WALL MOUNTED PROJECTOR. REFER TO LATEST AV DRAWINGS FOR HEIGHT AND ADDITONAL INSTALLATION REQUIREMENTS.
5. PROVIDE UNDERGROUND (1)1-1/4" CONDUIT FOR A/V & DATA. PROVIDE (1)3/4"C FOR POWER. SAWCUT AND PATCH EXISTING SLAB.

ELECTRICAL GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL ANDPLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE HAVE GFCI PROTECTION.
5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

WHERE ANY NEW WALL TERMINATES AT THE SAME LOCATION AS AN EXISTING WALL MOUNTED ELECTRICAL AND TECHNOLOGY DEVICE, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE.

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TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

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salasobrien.com 281-664-1900
Houston
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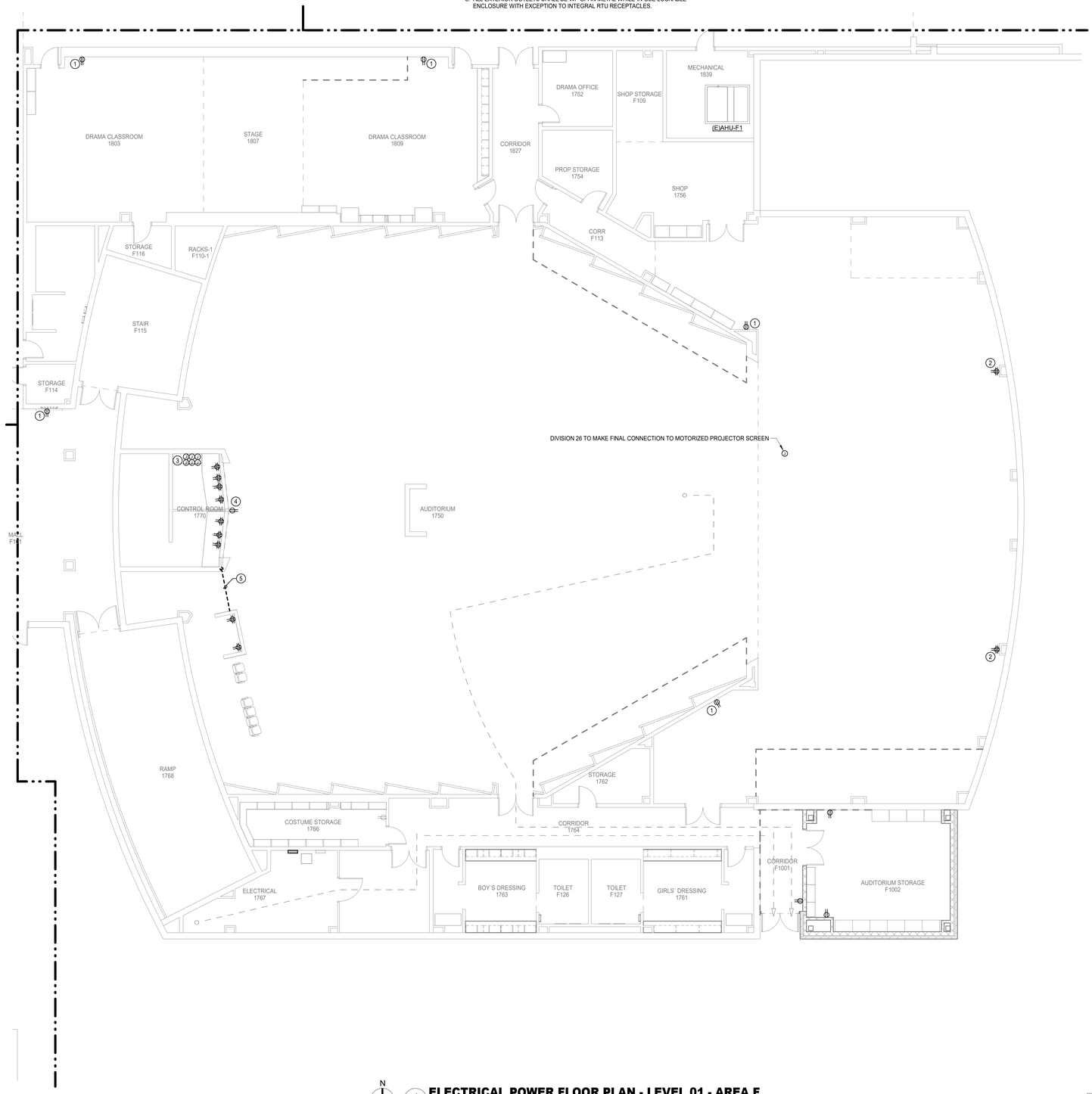
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND

	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA F**
Scale: 1/8" = 1'-0"

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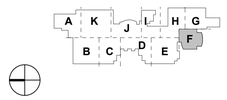
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
TEXAS
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA F

SHEET NUMBER
E-306-F

ELECTRICAL KEYED NOTES

1. PROVIDE NEW HUBBELL #HBL45123GF220 WITH #HBL1040PB PIVOT BASE.
2. PROVIDE CIRCUIT FOR BMCS CONTROLS. COORDINATE FINAL LOCATION AND CONNECTION(S) WITH DIVISION 23.
3. COORDINATE WITH DIVISION 23 TO PROVIDE DISCONNECT FOR MANUFACURER FAN CONTROLLER AND FAN. FINAL ELECTRICAL CONNECTIONS TO BE MADE BY DIVISION 26.
4. VERIFY FINAL PLUG AND BREAKER SIZE WITH APPLIANCE/EQUIPMENT SELECTION PRIOR TO INSTALL.
5. REFER TO E-307-G.2 FOR ADDITIONAL WORK IN THIS ROOM.
6. PROVIDE QUADRUPLEX IN AV CONNECTIVITY WALLPLATE. REFER TO LATEST AV DRAWINGS FOR HEIGHT AND ADDITONAL INSTALLATION REQUIREMENTS.
7. PROVIDE 2 QUADRUPLEXES FOR AN AUDIO CONSOLE. REFER TO LATEST AV DRAWINGS FOR HEIGHT AND ADDITONAL INSTALLATION REQUIREMENTS.

ELECTRICAL GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND

	POINT OF CONNECTION TO EXISTING
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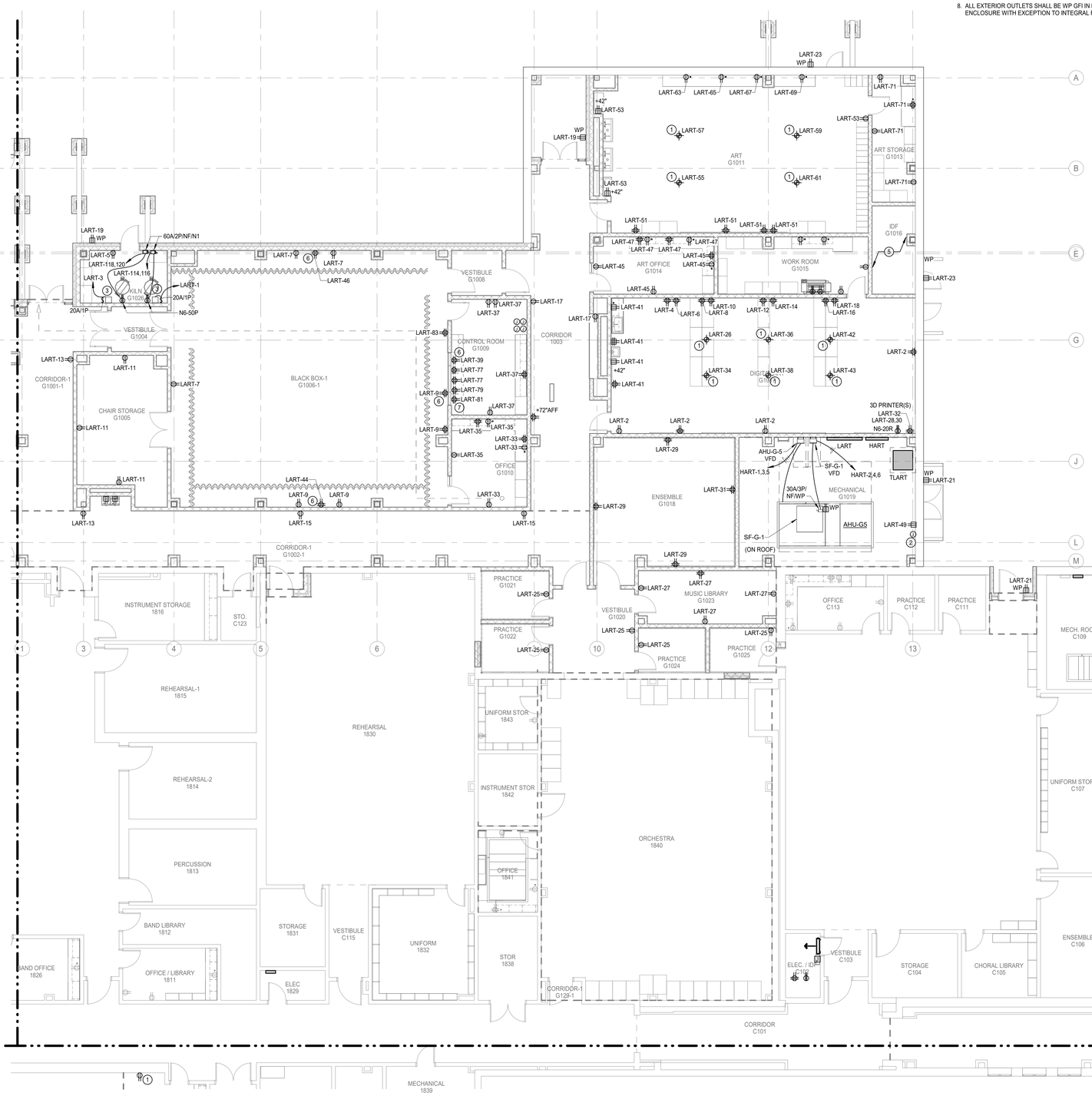

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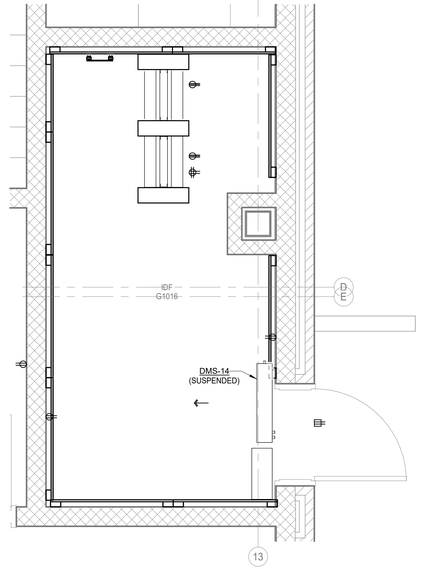
1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA G**
Scale: 1/8" = 1'-0"



N

2 **ELECTRICAL POWER ENLARGED FLOOR PLAN - IDF G1016**
Scale: 1/2" = 1'-0"

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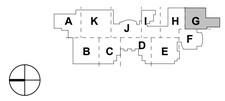
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

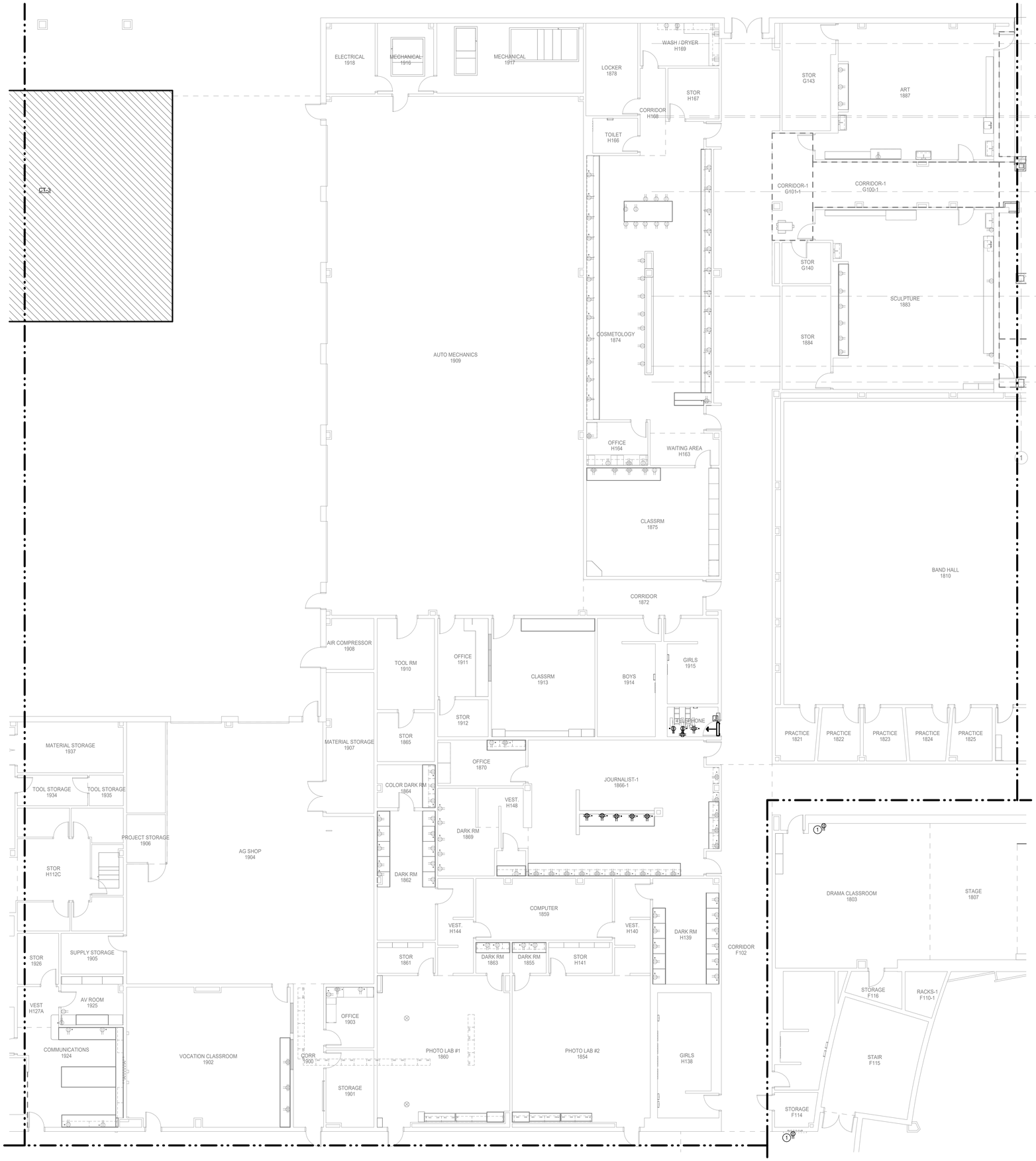
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA G

SHEET NUMBER
E-307-G



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA H**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

WHERE ANY NEW WALL TERMINATES AT THE SAME LOCATION AS AN EXISTING WALL MOUNTED ELECTRICAL AND TECHNOLOGY DEVICE, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE.

WHERE ANY EXISTING JUNCTION BOX AND/OR PULLBOX IS LOCATED AT A NEW NON-ACCESSIBLE CEILING AREA, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT ABOVE NEAREST ACCESSIBLE CEILING AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

ELECTRICAL GENERAL NOTES:

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2. CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL ANDPLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE HAVE GFCI PROTECTION.
5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

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LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
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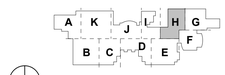
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

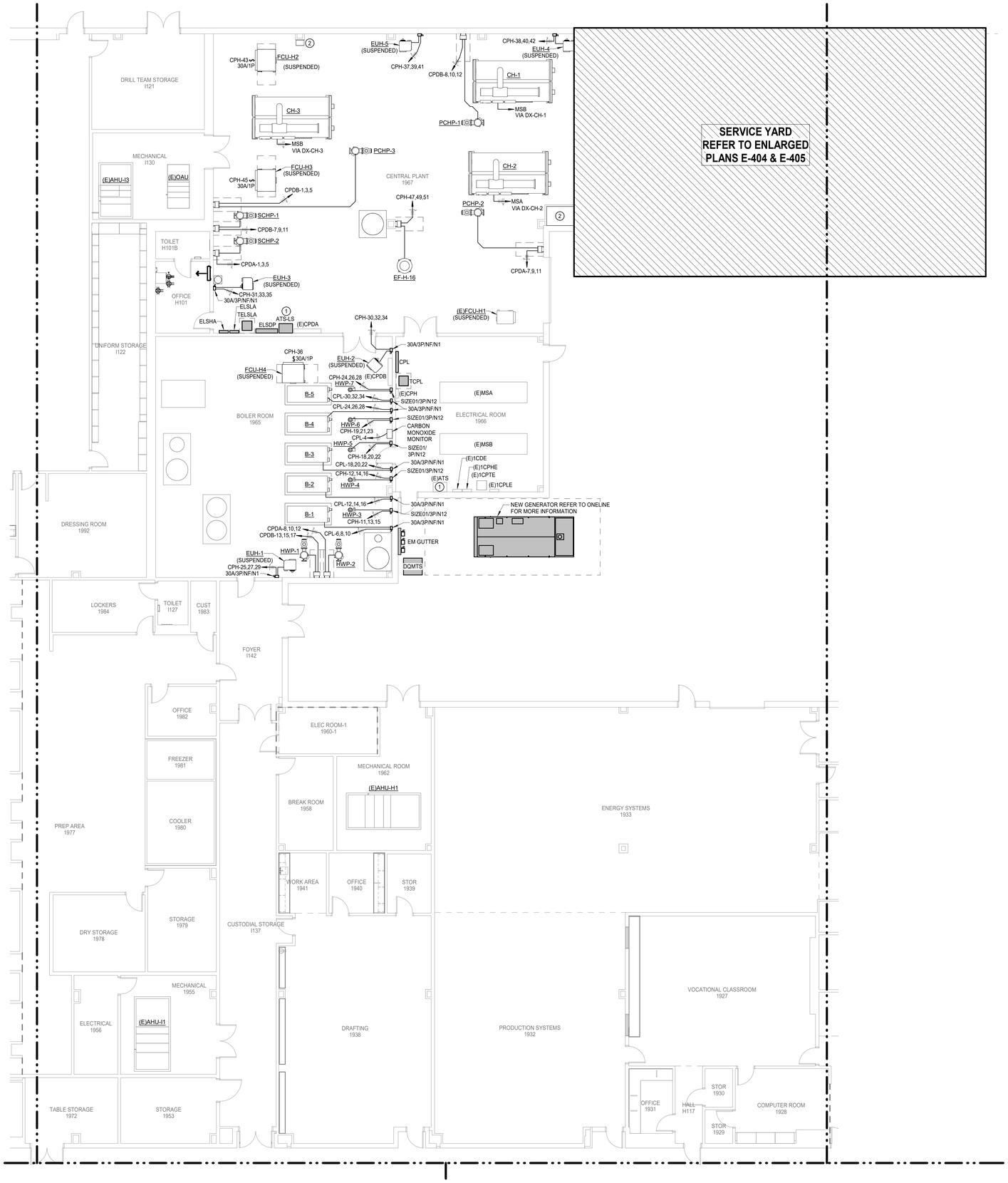
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA H

SHEET NUMBER
E-308-H



1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA I**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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ELECTRICAL KEYED NOTES

1. PROVIDE MONITORING INTERFACE FOR ATS WITH SECURITY PANEL.
2. CONNECT CONTROLS EQUIPMENT TO CIRCUITS LEFT IN PLACE DURING DEMOLITION.

Page

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Katy, Texas 77449

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LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
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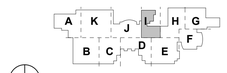
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE

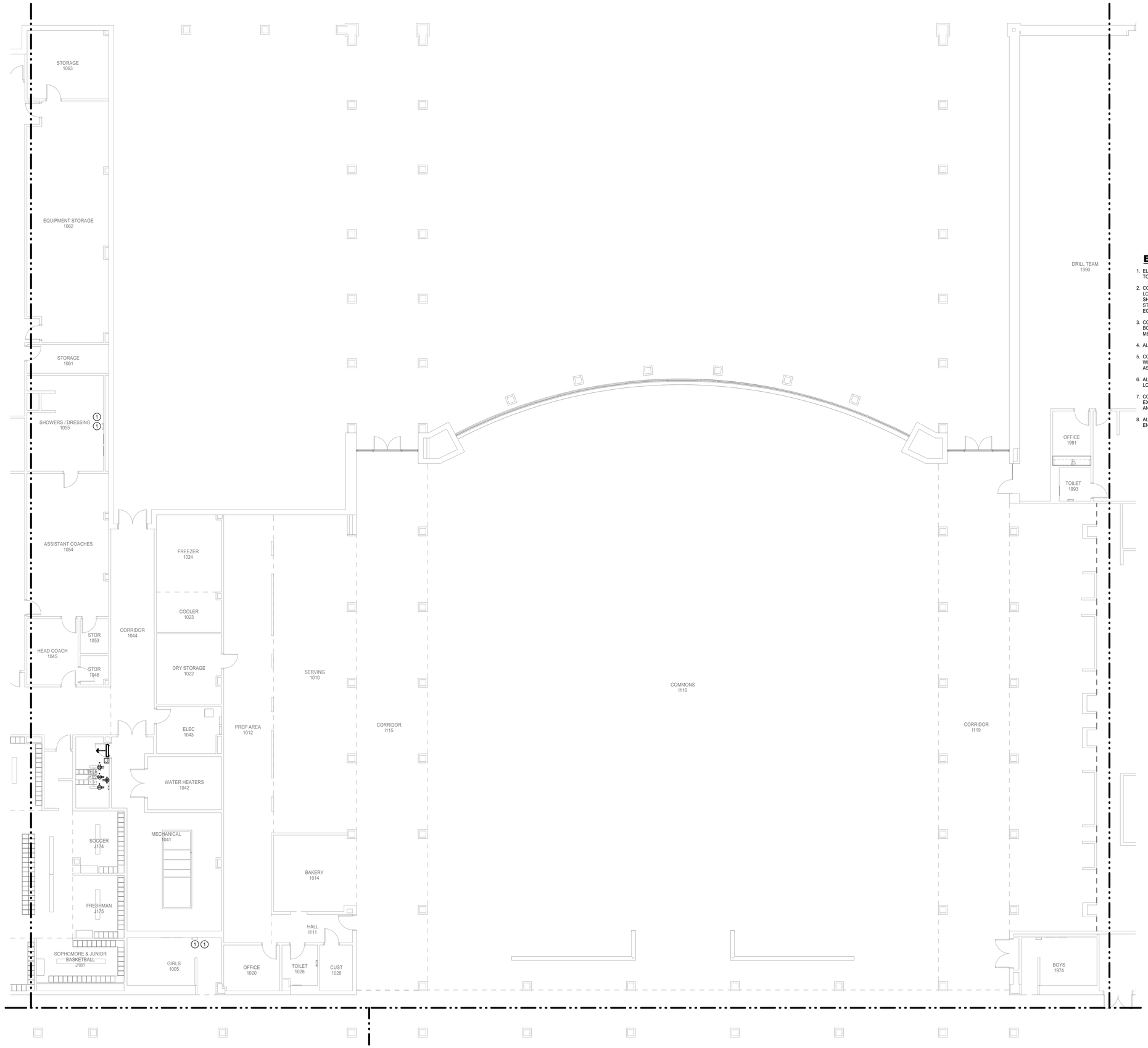
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA I

SHEET NUMBER

E-309-I



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA J**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

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ELECTRICAL KEYED NOTES:

1. CONNECT NEW HAND DRYER TO EXISTING WIRING.

Page

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KW Landscape Architects
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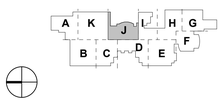
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

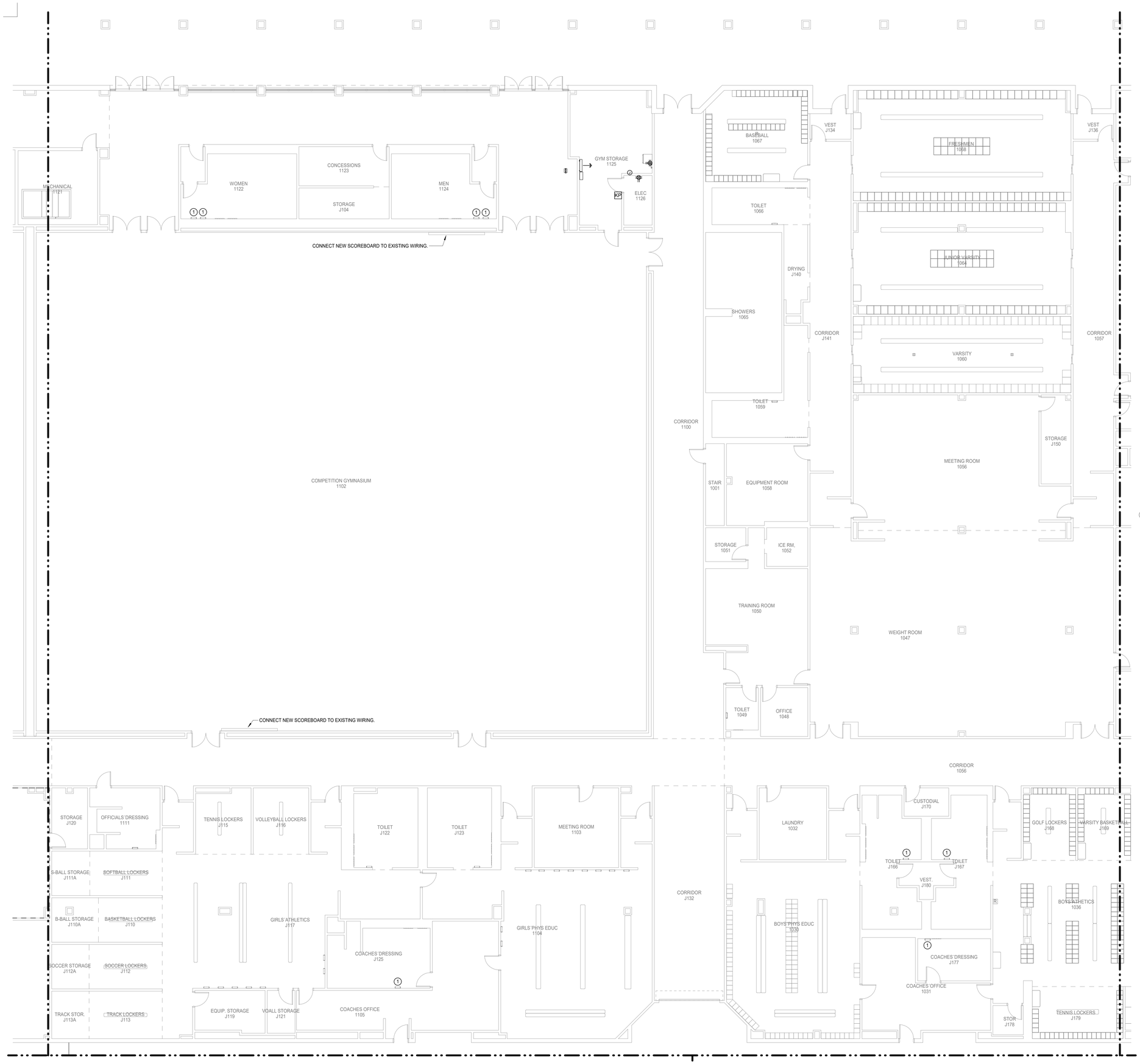
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA J

SHEET NUMBER
E-310-J



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 01 - AREA K**
Scale: 1/8" = 1'-0"

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Houston
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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
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LANDSCAPE/IRRIGATION
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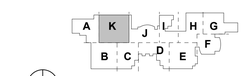
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
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7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	**CHECKED BY**
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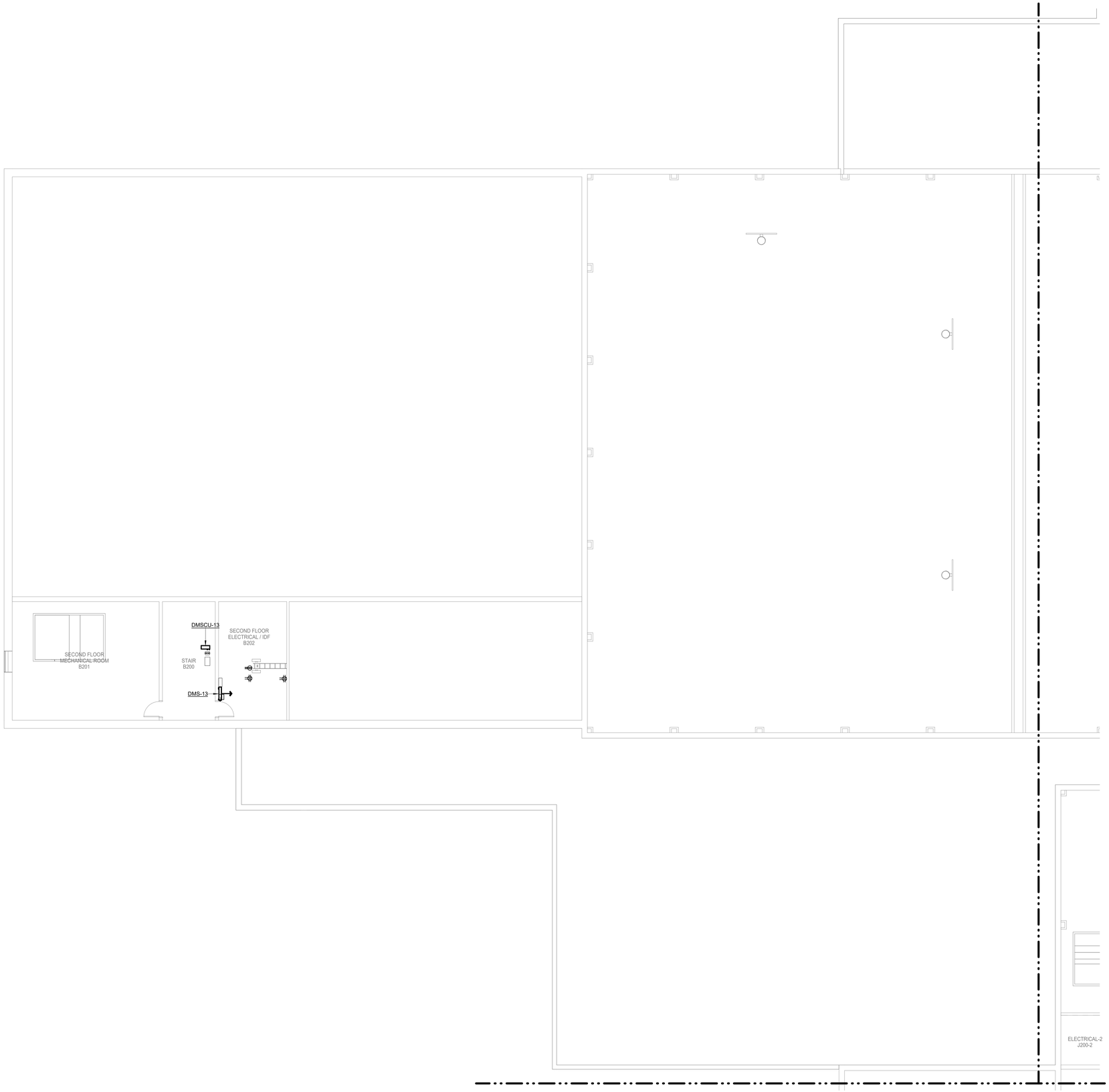
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA K

SHEET NUMBER
E-311-K



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 02 - AREA A**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
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2. CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL ANDPLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE HAVE GFCI PROTECTION.
5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

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281.664.1900

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21020 Park Row Dr.
Katy, Texas 77449

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LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
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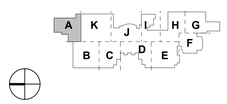
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

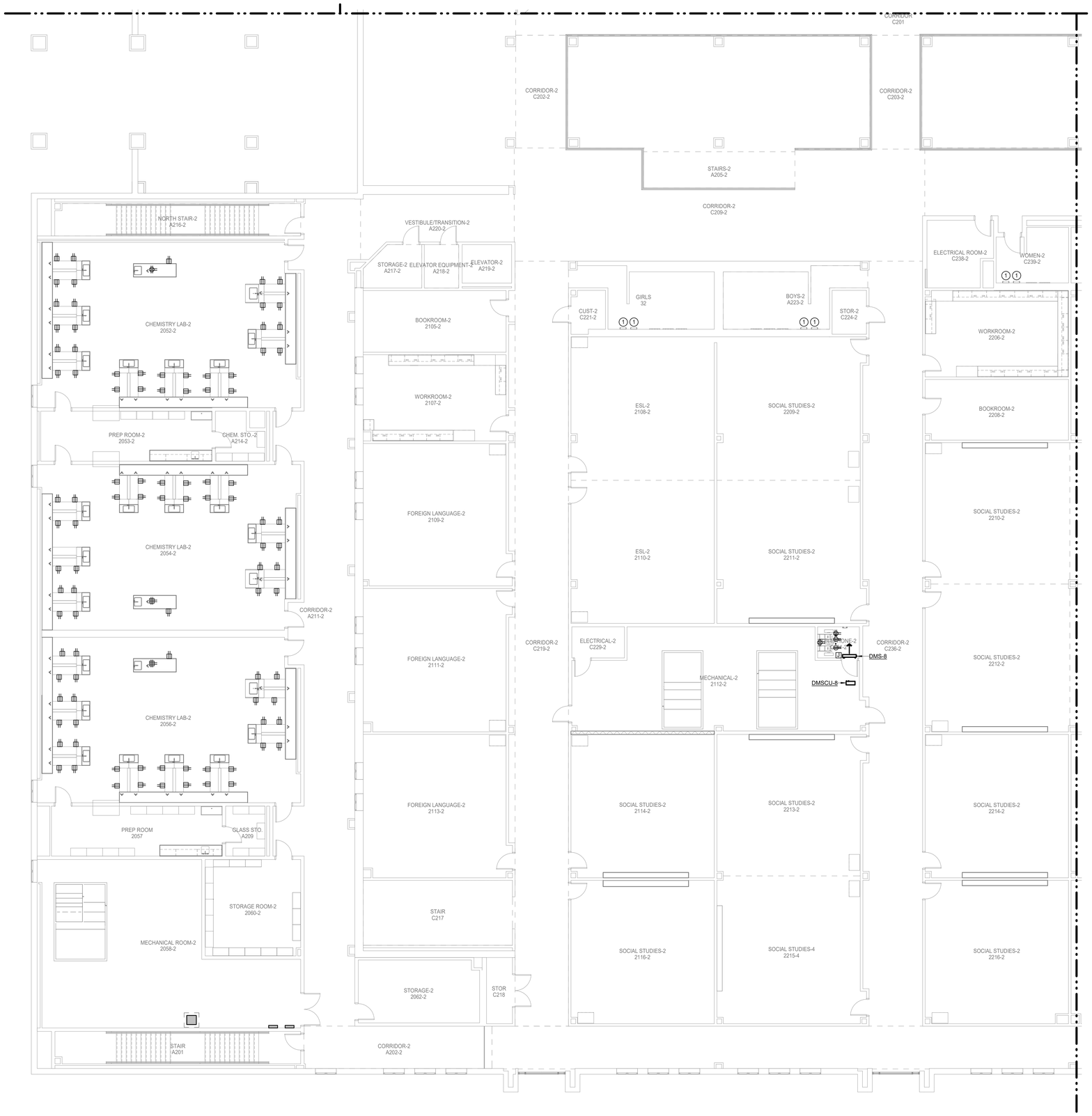
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - AREA A

SHEET NUMBER
E-312-A



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 02 - AREA B**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

WHERE ANY NEW WALL TERMINATES AT THE SAME LOCATION AS AN EXISTING WALL MOUNTED ELECTRICAL AND TECHNOLOGY DEVICE, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE.

WHERE ANY EXISTING JUNCTION BOX AND/OR PULLBOX IS LOCATED AT A NEW NON-ACCESSIBLE CEILING AREA, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT ABOVE NEAREST ACCESSIBLE CEILING AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

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ELECTRICAL KEYED NOTES:

1. DISCONNECT EXISTING HAND DRYER. MAINTAIN WIRES AND CONDUITS IN PLACE. MAKE READY FOR NEW INSTALLATION.

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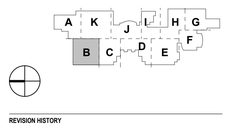
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

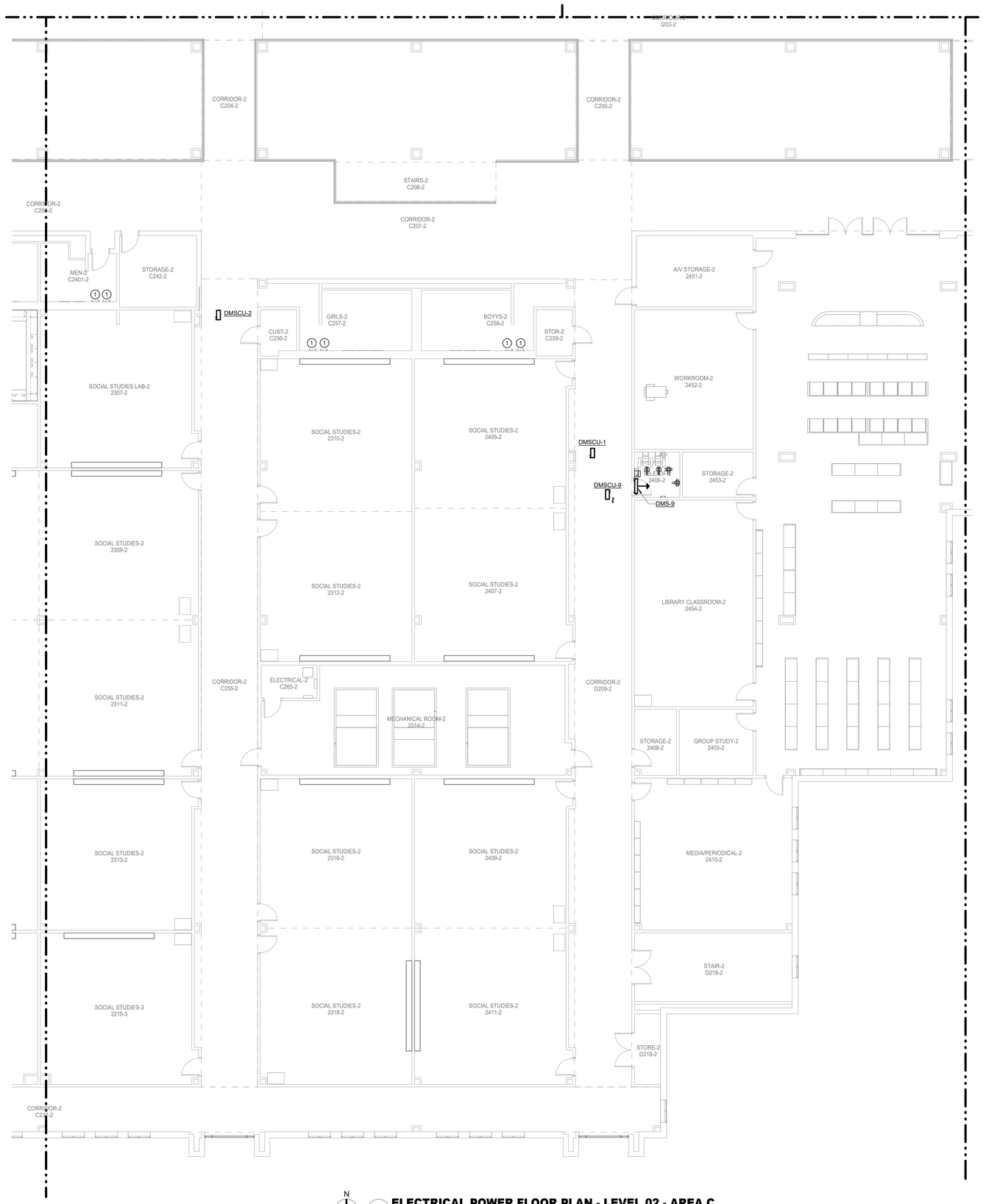
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - AREA B

SHEET NUMBER
E-313-B



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 02 - AREA C**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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ELECTRICAL KEYED NOTES:

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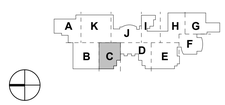
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE

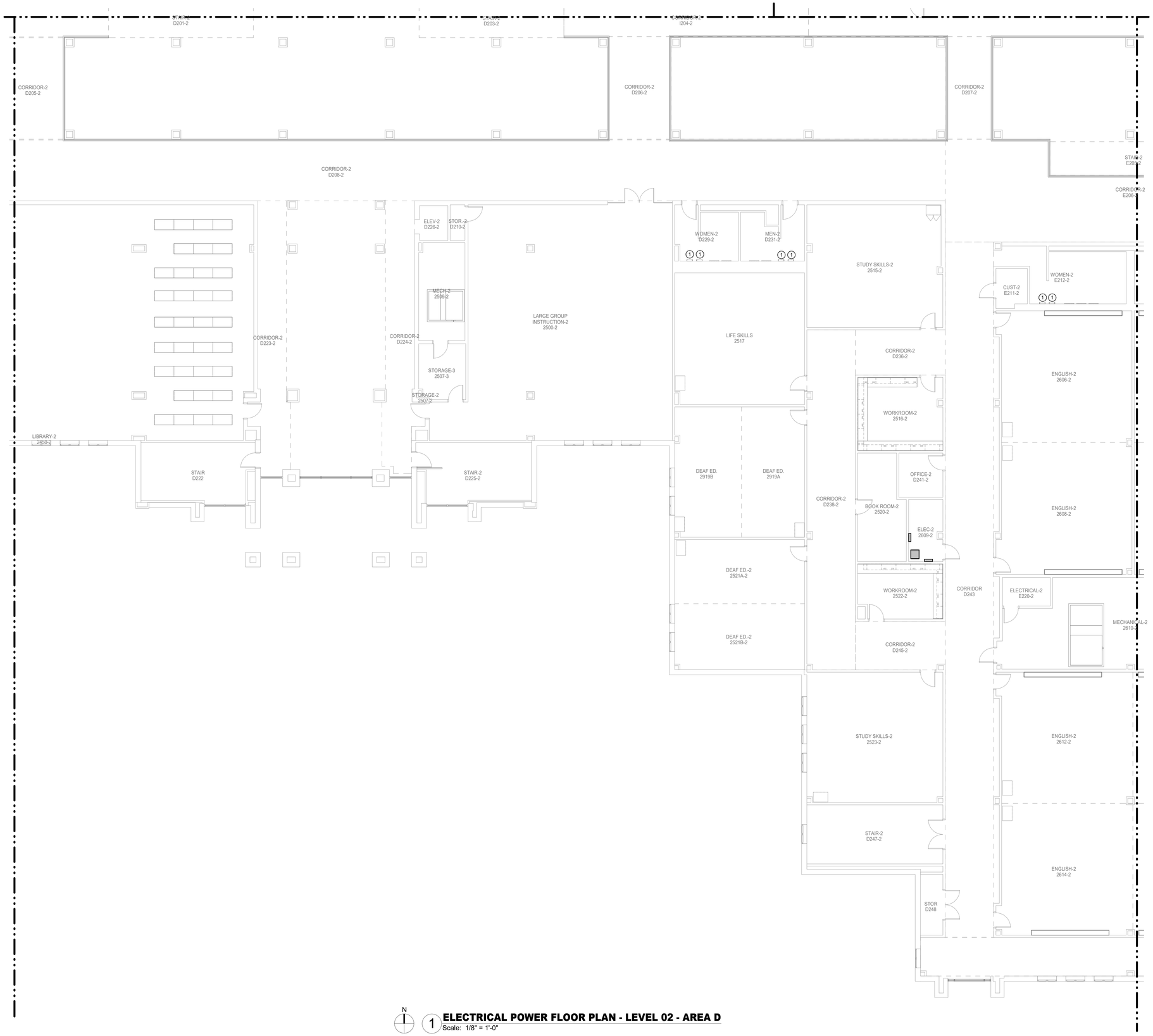
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - AREA C

SHEET NUMBER

E-314-C



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 02 - AREA D**
Scale: 1/8" = 1'-0"

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Houston
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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
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	ITEM TO BE REMOVED

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

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LANDSCAPE/IRRIGATION
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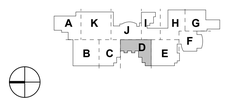
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE

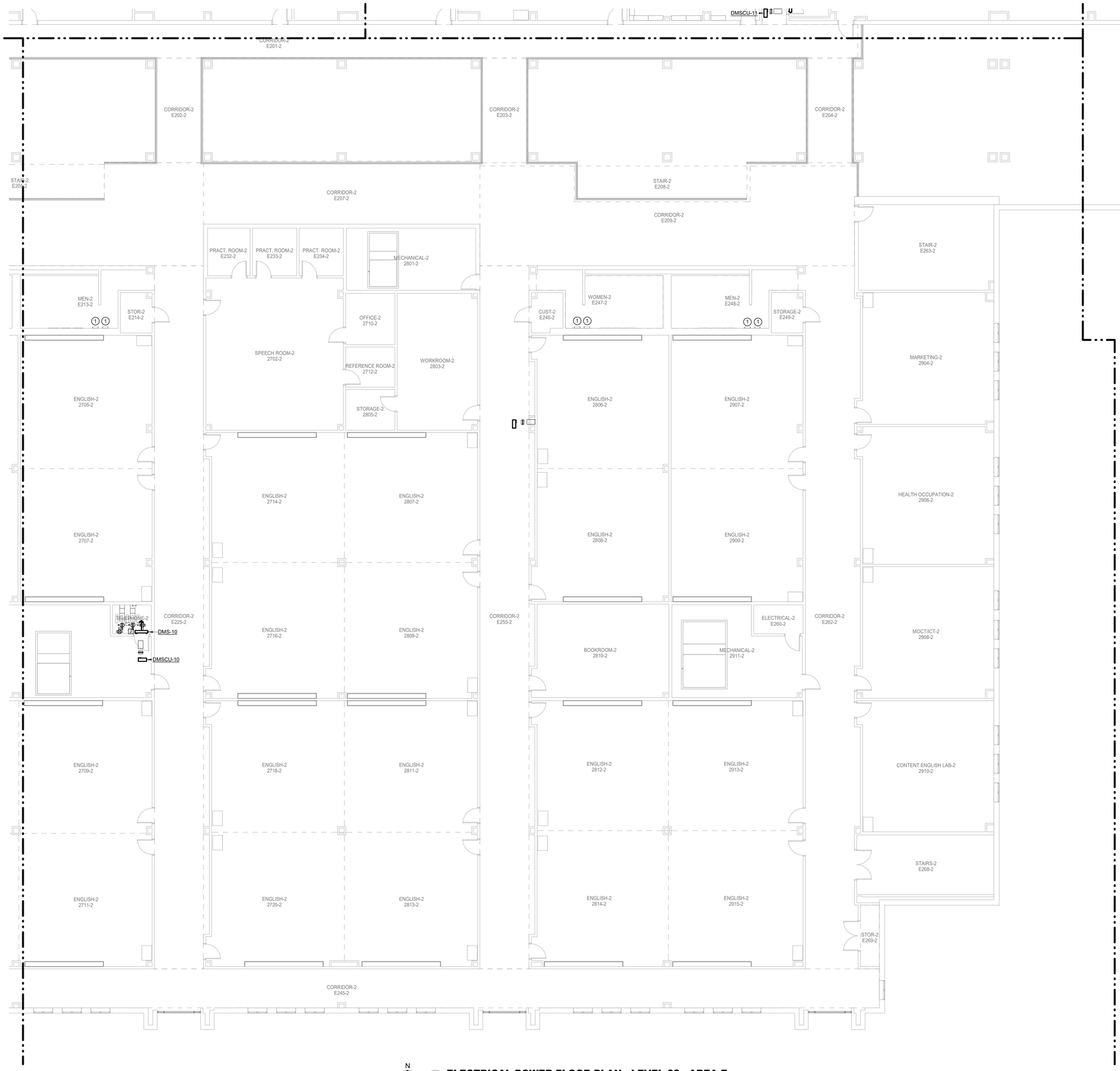
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - AREA D

SHEET NUMBER

E-315-D



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 02 - AREA E**
Scale: 1/8" = 1'-0"

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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
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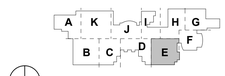
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

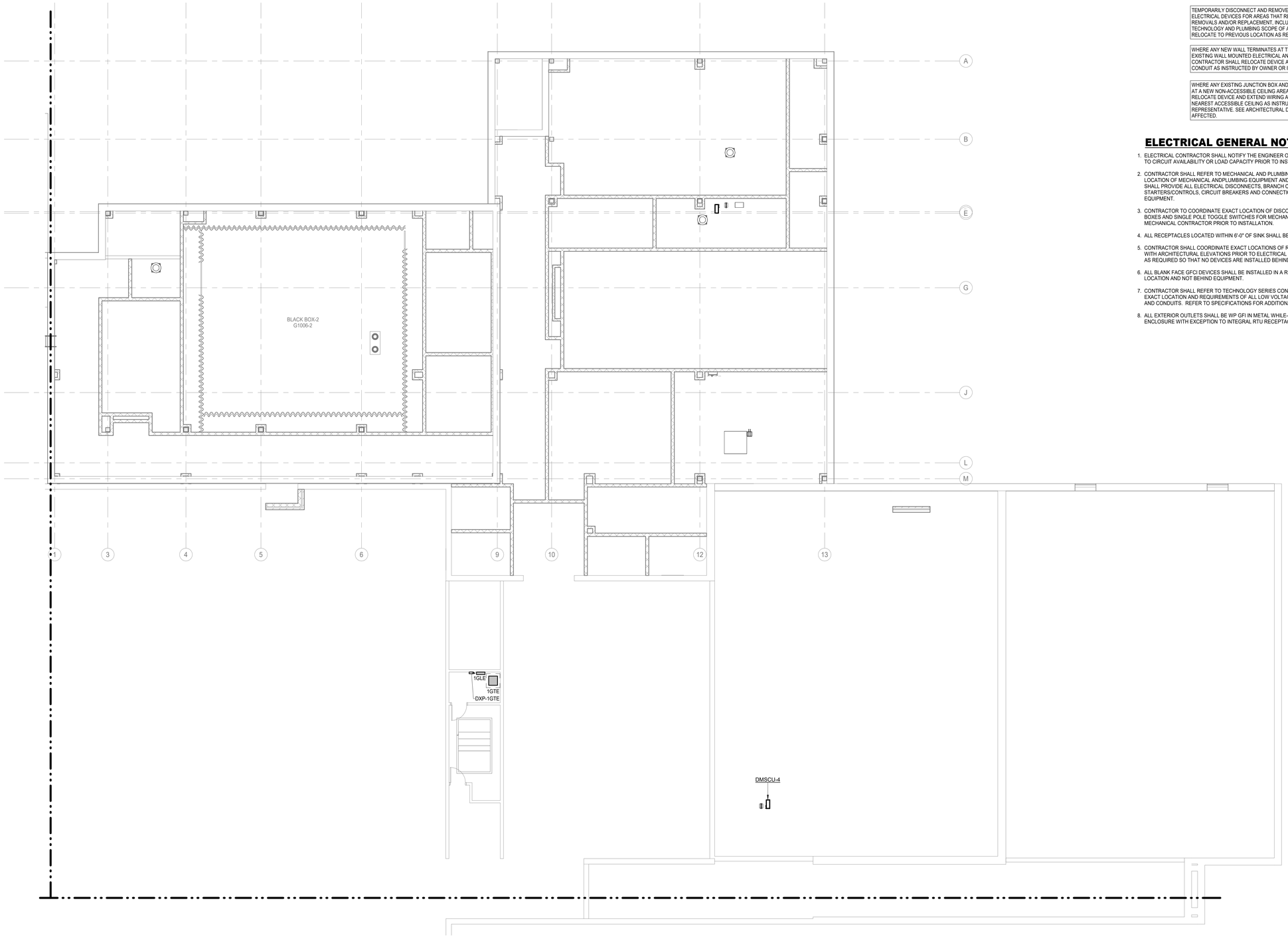
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - AREA E

SHEET NUMBER
E-316-E



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 02 - AREA G**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES FOR AREAS THAT REQUIRE CEILING REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY AND PLUMBING SCOPE OF AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

WHERE ANY NEW WALL TERMINATES AT THE SAME LOCATION AS AN EXISTING WALL MOUNTED ELECTRICAL AND TECHNOLOGY DEVICE, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE.

WHERE ANY EXISTING JUNCTION BOX AND/OR PULLBOX IS LOCATED AT A NEW NON-ACCESSIBLE CEILING AREA, CONTRACTOR SHALL RELOCATE DEVICE AND EXTEND WIRING AND CONDUIT ABOVE NEAREST ACCESSIBLE CEILING AS INSTRUCTED BY OWNER OR ITS REPRESENTATIVE. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

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3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE HAVE GFCI PROTECTION.
5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

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MEP & AV/THEATRICAL ENGINEER
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10930 W Sam Houston Pkwy N
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Houston, TX 77064
281.664.1900

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21020 Park Row Dr.
Katy, Texas 77449

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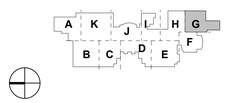
LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
Houston, TX 77024
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
TEXAS
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

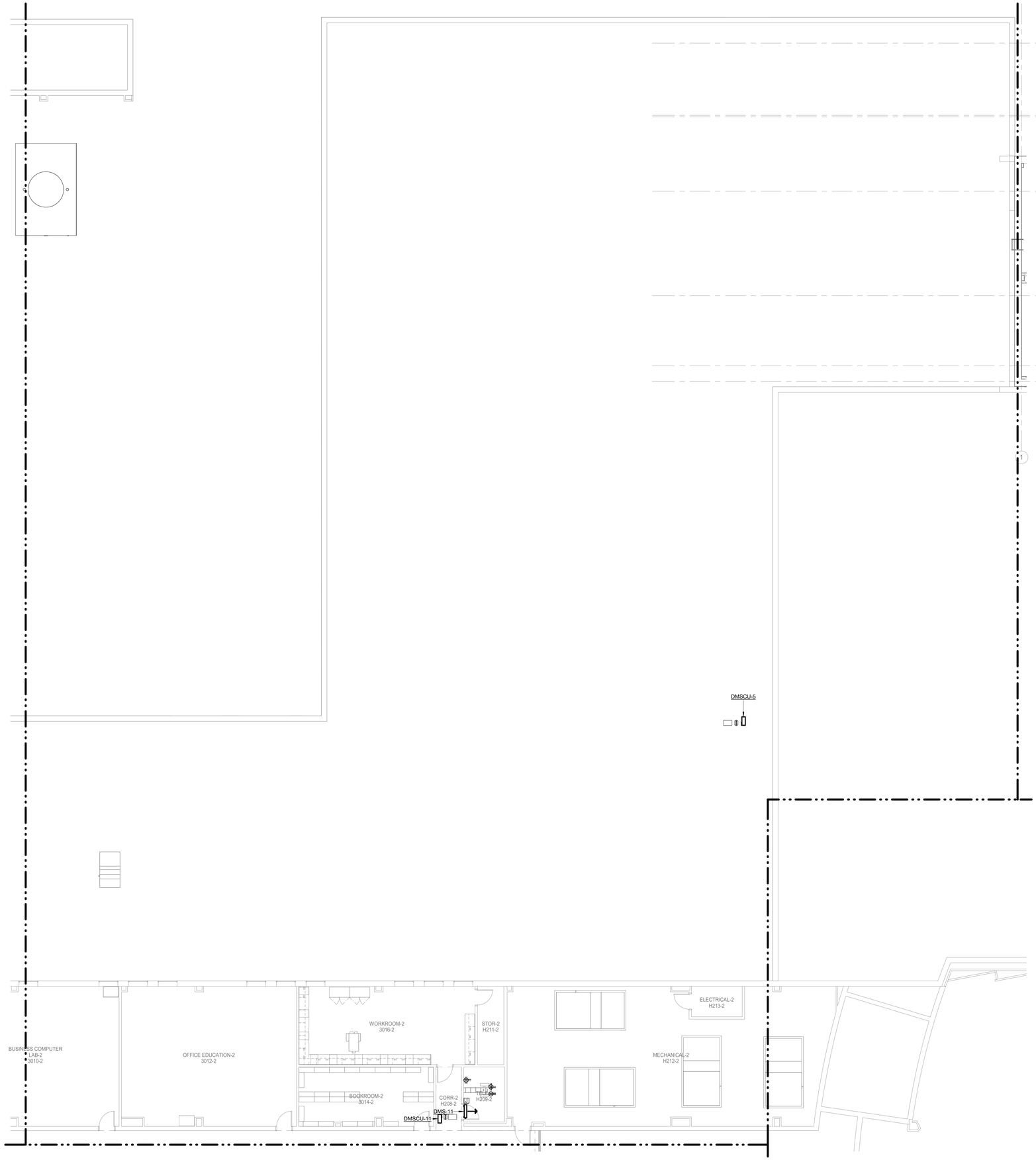
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - AREA G

SHEET NUMBER
E-318-G



1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 02 - AREA H**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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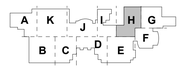
Katy, Texas 77449

281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
Houston, TX 77024
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

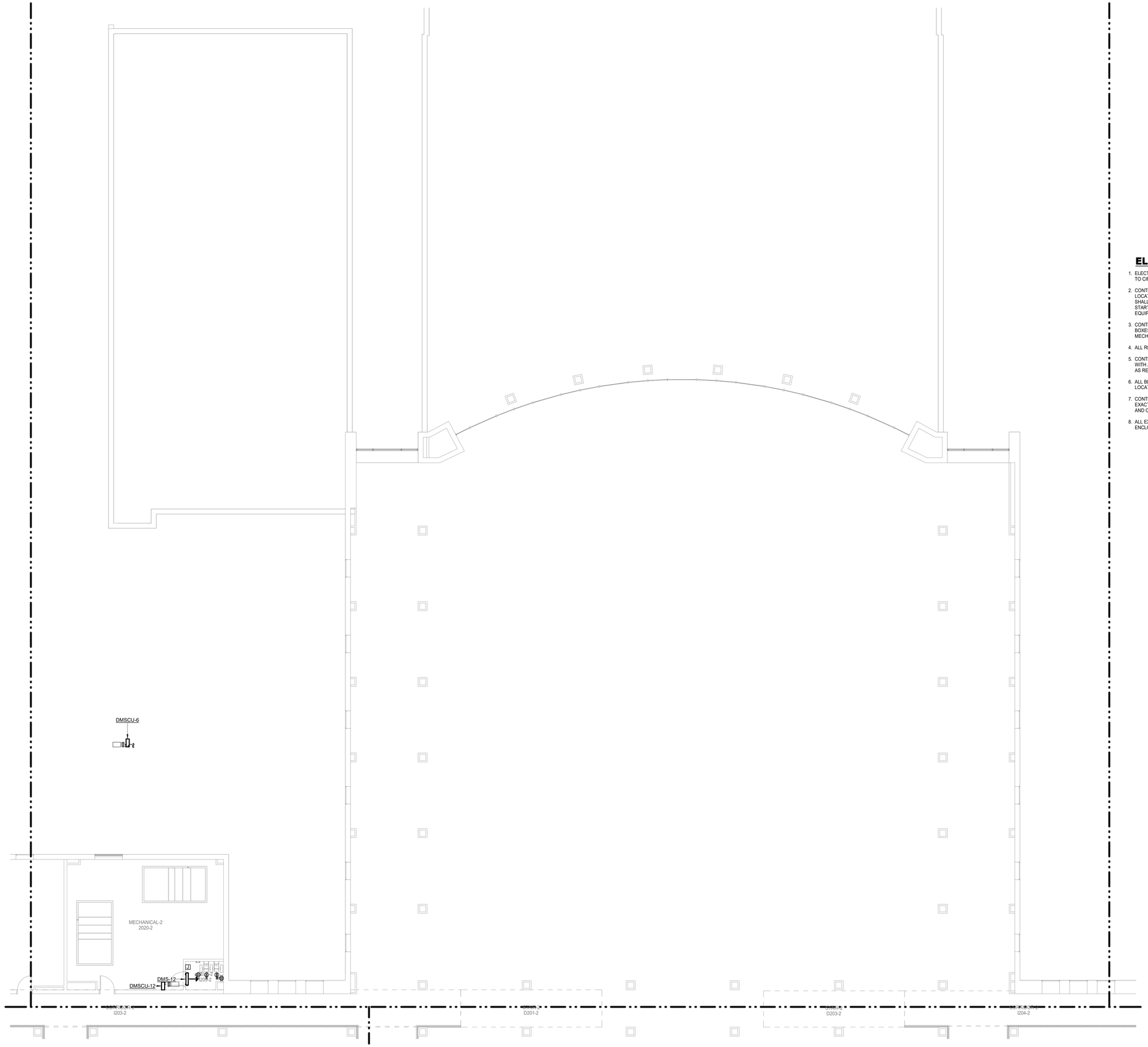
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - AREA H

SHEET NUMBER
E-319-H



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 02 - AREA J**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
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281.664.1900

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21020 Park Row Dr.
Katy, Texas 77449

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LANDSCAPE/IRRIGATION
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Suite 100
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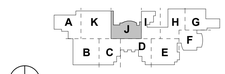
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

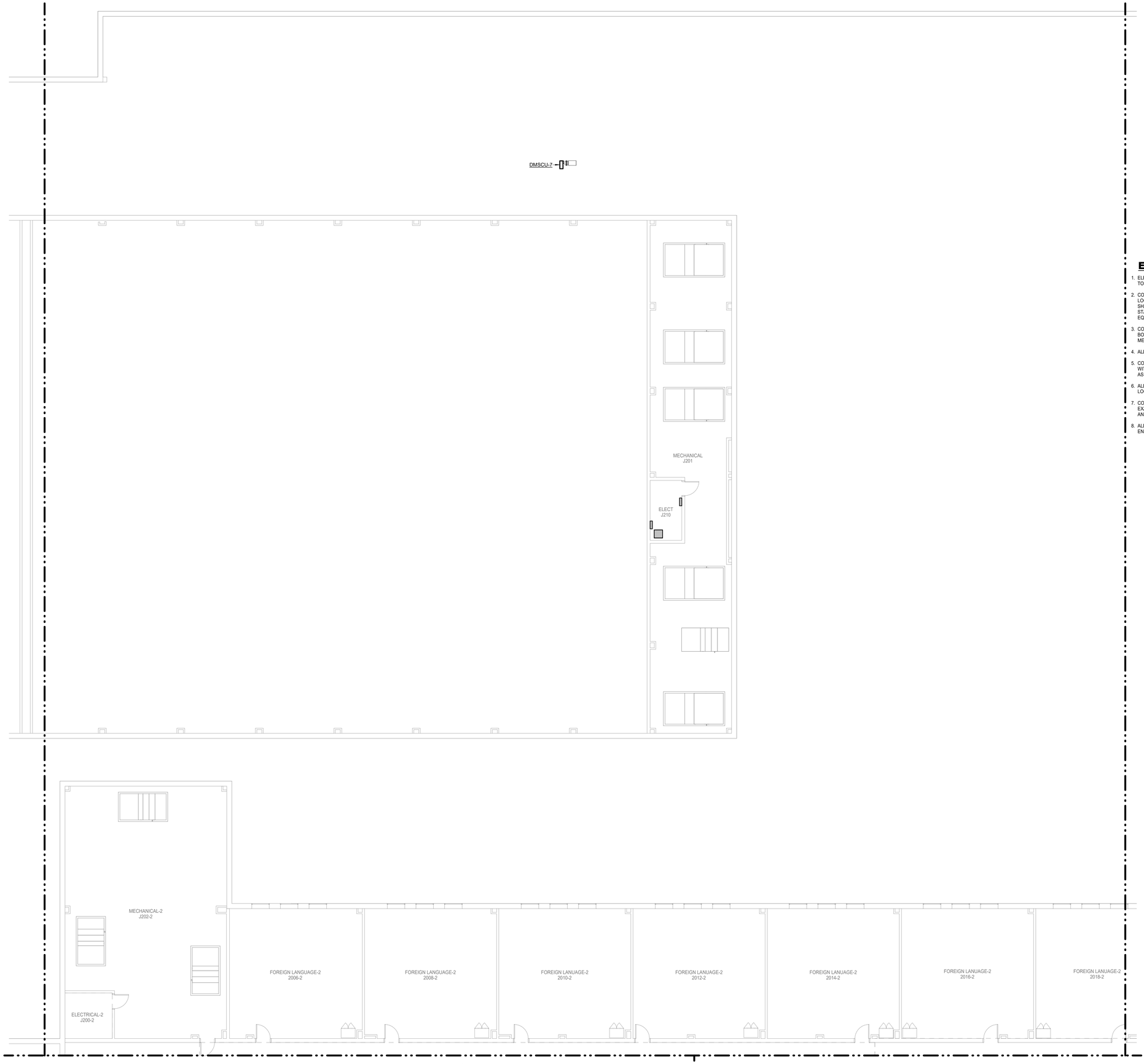
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - AREA J

SHEET NUMBER
E-321-J



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 02 - AREA K**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

SYMBOL LEGEND	
	POINT OF CONNECTION TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

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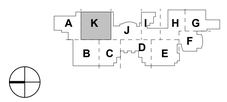
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
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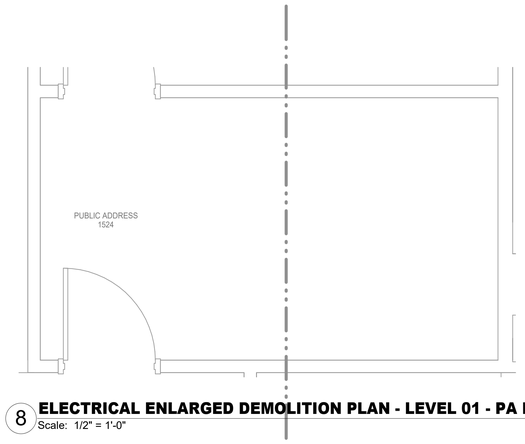
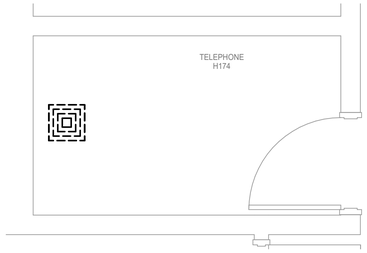
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - AREA K

SHEET NUMBER
E-322-K



N
8 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 01 - PA ROOM**
Scale: 1/2" = 1'-0"



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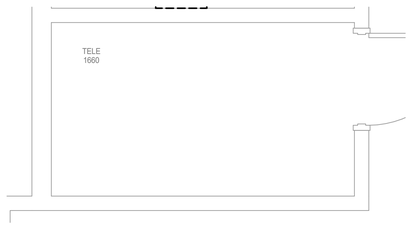
5 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 01 - IDF F**
Scale: 1/2" = 1'-0"



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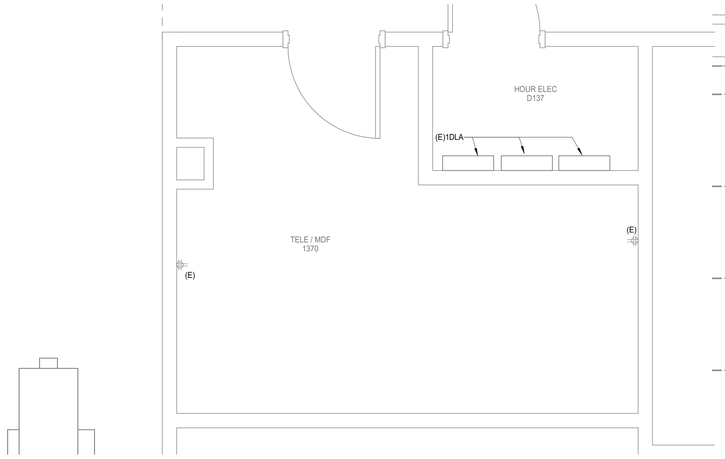
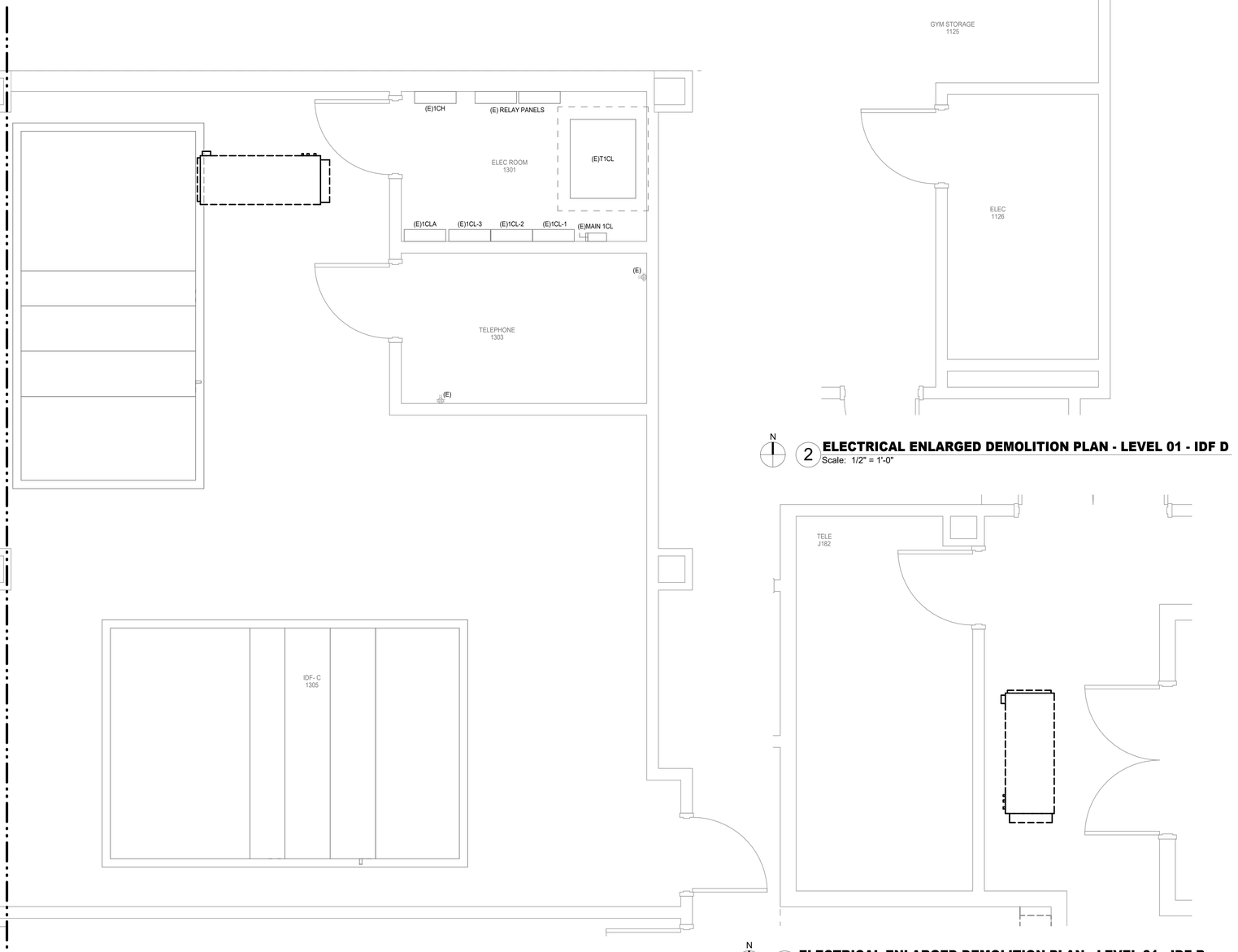
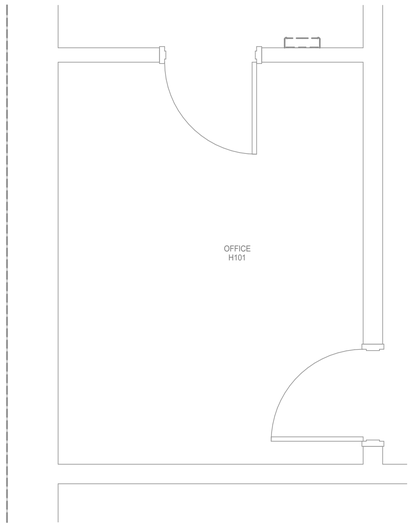
4 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 01 - IDF E**
Scale: 1/2" = 1'-0"



N
7 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 01 - MDF**
Scale: 1/2" = 1'-0"



N
2 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 01 - IDF D**
Scale: 1/2" = 1'-0"



N
6 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 01 - IDF N**
Scale: 1/2" = 1'-0"

N
3 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 01 - IDF C**
Scale: 1/2" = 1'-0"

N
1 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 01 - IDF B**
Scale: 1/2" = 1'-0"

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10930 W. Sam Houston Pkwy North, Suite 900
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Registration: F-4111
Project No: 2023-05942-00

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346.509.5638

KEYPLAN

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

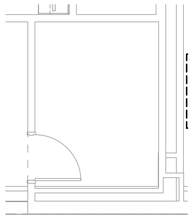
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL ENLARGED DEMOLITION PLANS - LEVEL 1

SHEET NUMBER
E-400



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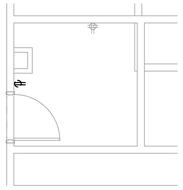
Scale: 1/4" = 1'-0"



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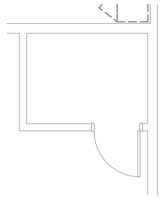
Scale: 1/4" = 1'-0"



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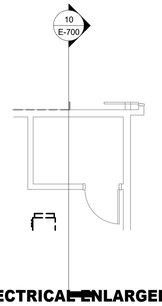
4 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 02 - IDF J**
Scale: 1/4" = 1'-0"



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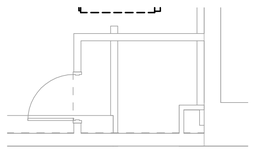
6 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 02 - IDF G**
Scale: 3/16" = 1'-0"



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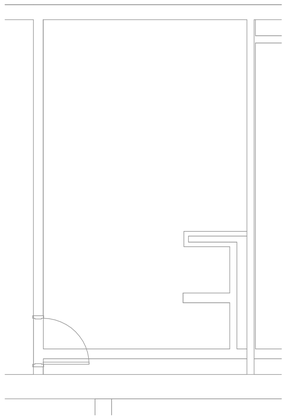
3 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 02 - IDF I**
Scale: 1/4" = 1'-0"



N

1 **ELECTRICAL ENLARGED DEMOLITION PLAN - LEVEL 02 - IDF B202**
Scale: 1/4" = 1'-0"

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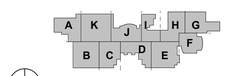
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

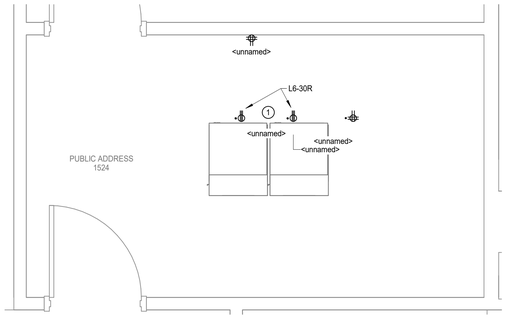
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL ENLARGED DEMOLITION PLANS - LEVEL 2

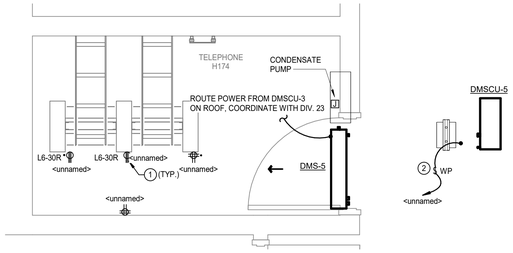
SHEET NUMBER
E-401

ELECTRICAL KEYED NOTES

1. COORDINATE EXACT LOCATION OF RECEPTACLES FOR IT EQUIPMENT WITH OWNER.
2. PROVIDE 120V/1P/20A, NON-FUSED DISCONNECT SWITCH MOUNTED TO FREE-STANDING UNISTRUT FRAME AS REQUIRED.



8 ELECTRICAL POWER ENLARGED FLOOR PLAN - PA ROOM
Scale: 1/2" = 1'-0"



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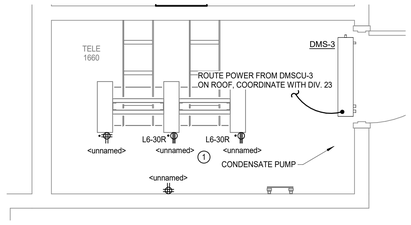
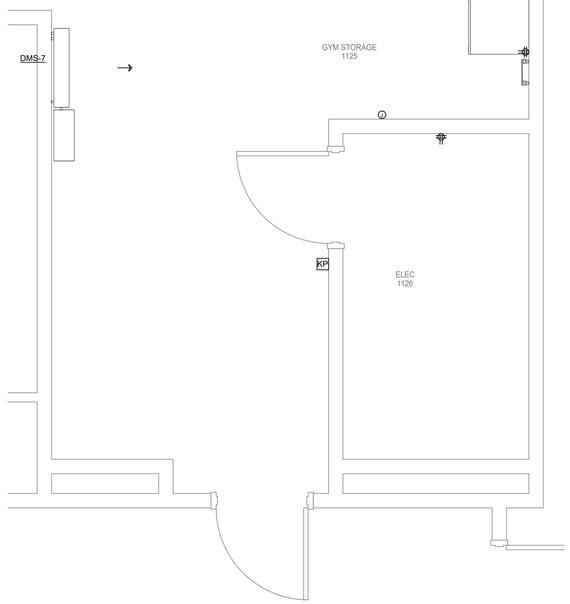
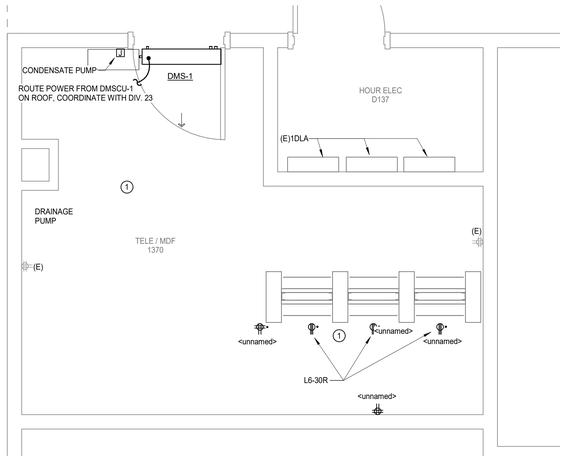
Scale: 1/2" = 1'-0"



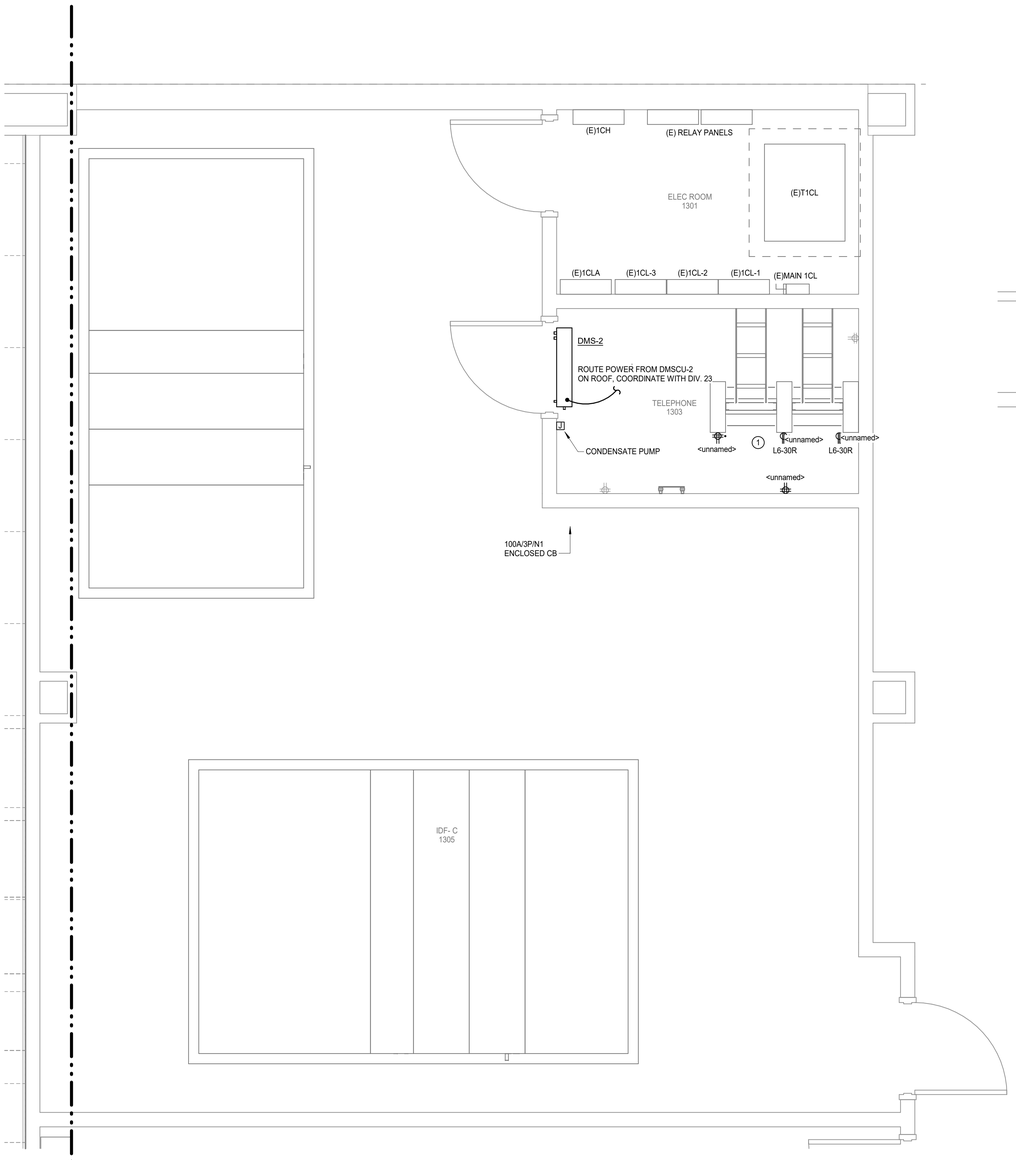
4 ELECTRICAL POWER ENLARGED FLOOR PLAN - IDF E
Scale: 1/2" = 1'-0"

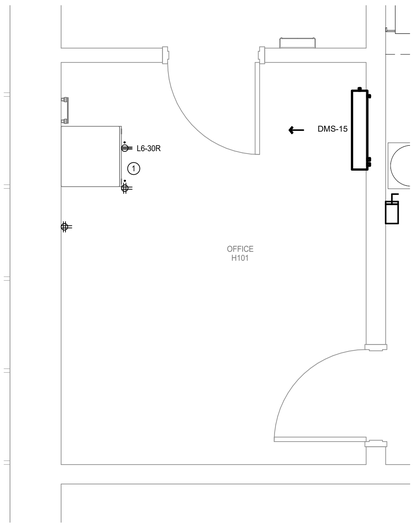


2 ELECTRICAL POWER ENLARGED FLOOR PLAN - IDF D
Scale: 1/2" = 1'-0"



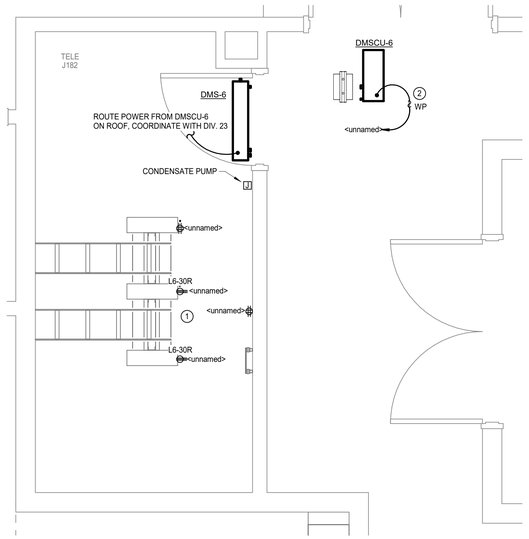
7 ELECTRICAL POWER ENLARGED FLOOR PLAN - MDF
Scale: 1/2" = 1'-0"





6 ELECTRICAL POWER ENLARGED FLOOR PLAN - IDF N
Scale: 1/2" = 1'-0"

3 ELECTRICAL POWER ENLARGED FLOOR PLAN - IDF C
Scale: 1/2" = 1'-0"



1 ELECTRICAL POWER ENLARGED FLOOR PLAN - IDF B
Scale: 1/2" = 1'-0"

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Registration: F-4111
Project No: 2023-05942-00

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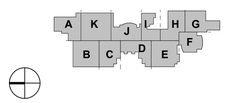
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

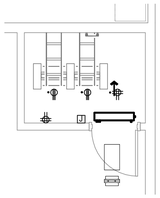
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL ENLARGED FLOOR PLANS - LEVEL 1

SHEET NUMBER
E-402

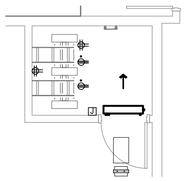
ELECTRICAL KEYED NOTES

1. COORDINATE EXACT LOCATION OF RECEPTACLES FOR IT EQUIPMENT WITH OWNER.
2. PROVIDE 120V/1P/20A, NON-FUSED DISCONNECT SWITCH MOUNTED TO FREE-STANDING UNISTRUT FRAME AS REQUIRED.



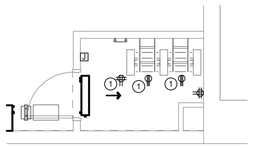
N

5 **ELECTRICAL POWER ENLARGED FLOOR PLAN - LEVEL 02 - IDF J**
Scale: 1/4" = 1'-0"



N

2 **ELECTRICAL POWER ENLARGED FLOOR PLAN - LEVEL 02 - IDF G**
Scale: 1/4" = 1'-0"



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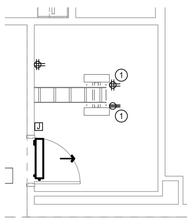

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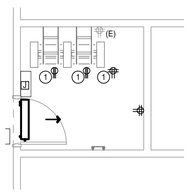
Scale: 1/4" = 1'-0"



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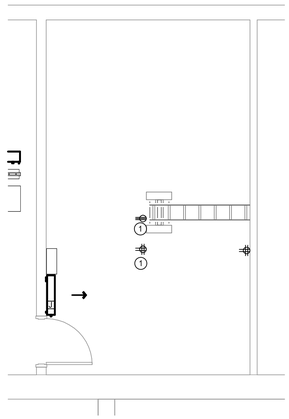
3 **ELECTRICAL POWER ENLARGED FLOOR PLAN - LEVEL 02 - IDF H**
Scale: 1/4" = 1'-0"



N

1 **ELECTRICAL POWER ENLARGED FLOOR PLAN - LEVEL 02 - IDF B202**
Scale: 1/4" = 1'-0"

Salas O'Brien

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Registration: F-4111
Project No: 2023-05942-00

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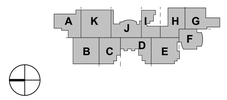
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL ENLARGED FLOOR PLANS - LEVEL 2

SHEET NUMBER
E-403

Salas O'Brien
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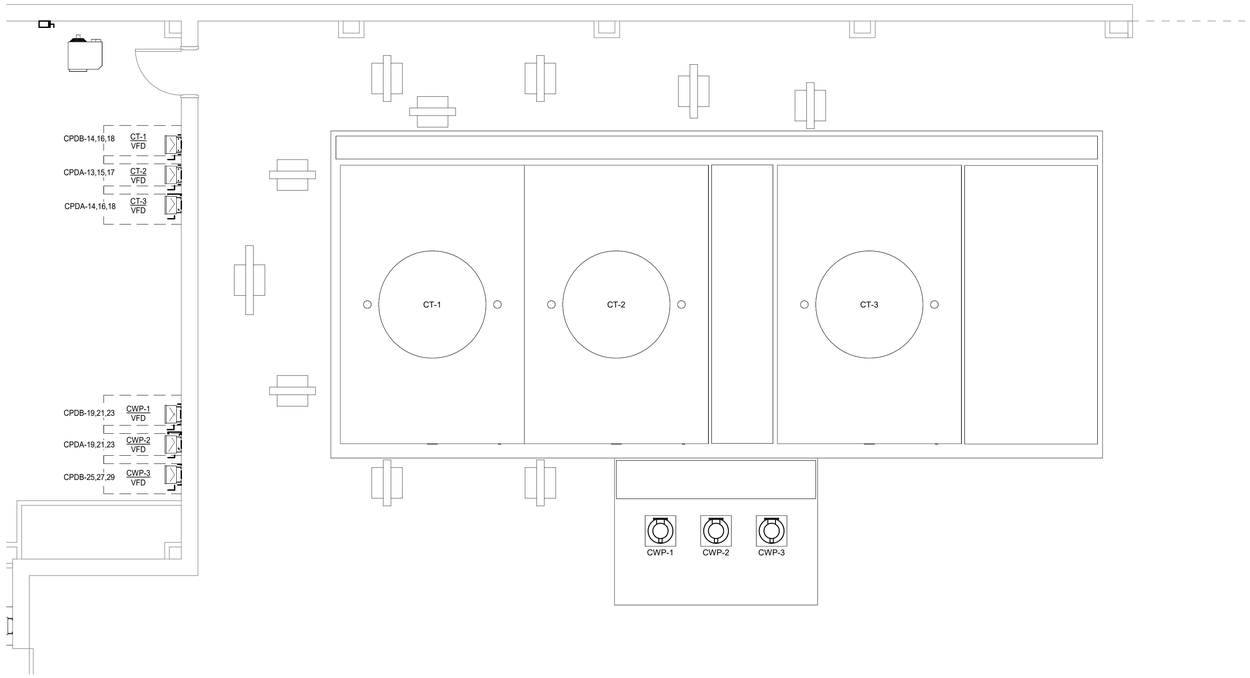
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

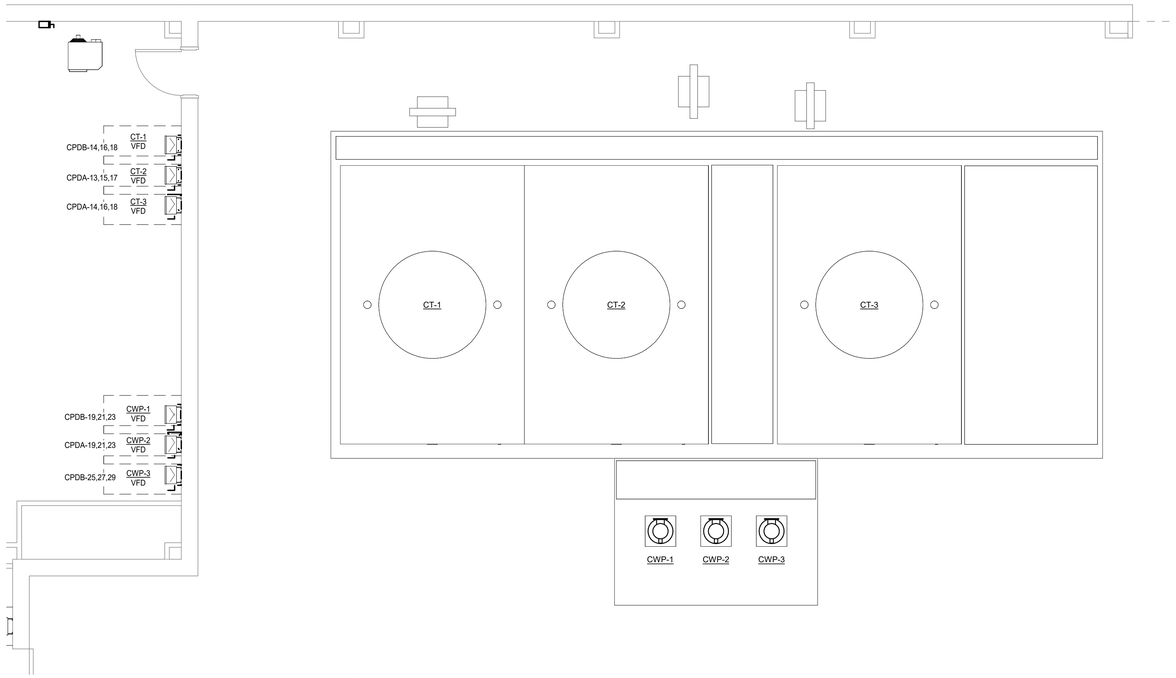
Registration: F-4111
Project No: 2023-05942-00



N

2 ELECTRICAL ENLARGED FLOOR PLAN - EVAPCO - 3 CELL

Scale: 1/4" = 1'-0"



N

1 ELECTRICAL ENLARGED FLOOR PLAN - MARLEY - 3 CELL

Scale: 1/4" = 1'-0"

Branch Panel: CPDA

EXISTING PANEL

Location: CENTRAL PLANT 1967
Supply From: MSA
Mounting: Surface
Volts: 277/480 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 65,000
Enclosure: Type 1
Mains: 600A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1				34.4 / 0.0						2	
	3	SCHP-2 (100 HP)	#3/0	200	3	34.4 / 0.0		3	20	-- OHU I-3	4	--
	5						34.4 / 0.0				6	
	7				9.4 / 14.4						8	
	9	PCHP-1 (25 HP)	#4	70	3	9.4 / 14.4		3	90	#2 HWP-2 (40 HP)	10	
	11						9.4 / 14.4				12	
	13				18.0 / 18.0						14	
	15	CT-2 (50 HP)	#2	100	3	18.0 / 18.0		3	100	#2 CT-3 (50 HP)	16	
	17						18.0 / 18.0				18	
	19				26.6 / 29.0						20	
	21	CWP-2 (75 HP)	#1/0	125	3	26.6 / 30.0		3	200	1L CPH	22	
	23						26.6 / 31.9				24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
				Total Load:	149.9 kVA	150.9 kVA	152.8 kVA					
				Total Amps:	541 A	545 A	552 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	330.7 kVA	100.00%	330.7 kVA		
Heating	9.0 kVA	100.00%	9.0 kVA	**Total Conn. Load:**	453.6 kVA
Miscellaneous	8.1 kVA	100.00%	8.1 kVA	**Total Est. Demand:**	453.6 kVA
Motor	103.1 kVA	100.00%	103.1 kVA	**Total Conn. Current:**	546 A
Other	0.2 kVA	100.00%	0.2 kVA	**Total Est. Demand Current:**	546 A
Receptacles	2.5 kVA	100.00%	2.5 kVA		

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: CPDB

EXISTING PANEL

Location: BOILER ROOM 1965
Supply From: MSB
Mounting: Surface
Volts: 277/480 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 65,000
Enclosure: Type 1
Mains: 600A MLO

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1				9.4 / 0.0						2	
	3	PCHP-3 (25 HP)	#4	70	3	9.4 / 0.0		3	20	-- WATER HEATER	4	--
	5						9.4 / 0.0				6	
	7				34.4 / 9.4						8	
	9	SCHP-1 (100 HP)	#3/0	200	3	34.4 / 9.4		3	70	#4 PCHP-1 (25 HP)	10	
	11						34.4 / 9.4				12	
	13				14.4 / 18.0						14	
	15	HWP-1 (40 HP)	#2	90	3	14.4 / 18.0		3	100	#2 CT-1 (50 HP)	16	
	17						14.4 / 18.0				18	
	19				26.6 / 0.0						20	
	21	CWP-1 (75 HP)	#1/0	125	3	26.6 / 0.0					22	
	23						26.6 / 0.0				24	
	25				26.6 / 0.0						26	
	27	CWP-3 (75 HP)	#1/0	125	3	26.6 / 0.0					28	
	29						26.6 / 0.0				30	
	31										32	
	33										34	
	35										36	
				Total Load:	138.9 kVA	138.9 kVA	138.9 kVA					
				Total Amps:	502 A	502 A	502 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	313.7 kVA	100.00%	313.7 kVA		
Motor	103.1 kVA	100.00%	103.1 kVA	**Total Conn. Load:**	416.8 kVA
				Total Est. Demand:	416.8 kVA
				Total Conn. Current:	501 A
				Total Est. Demand Current:	501 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE
1L - REFER TO ONELINE

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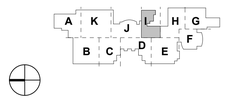
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL ENLARGED PLANS - SERVICE YARD - 3 CELL

SHEET NUMBER

E-404

Branch Panel: CPDA-2

EXISTING PANEL

Location: CENTRAL PLANT 1967 **Volts:** 277/480 Wye **A.I.C. Rating:** 65,000
Supply From: **Phases:** 3 **Enclosure:** Type 1
Mounting: Surface **Wires:** 4 **Mains:** 600A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker		Wire	Circuit Description	CKT	Note
	1					34.4 / 7.5							2	
	3	SCHP-2 (100 HP)		200	3		34.4 / 7.5		3	50		PCHP-2 (20 HP)	4	
	5							34.4 / 7.5					6	
	7					26.6 / 11.1							8	
	9	CT-2 (75 HP)		150	3		26.6 / 11.1		3	100		HWP-2 (30 HP)	10	
	11							26.6 / 11.1					12	
	13												14	
	15												16	
	17												18	
	19												20	
	21												22	
	23												24	
	25												26	
	27												28	
	29												30	
	31												32	
	33												34	
	35												36	
	37												38	
	39												40	
	41												42	
				Total Load:		79.6 kVA	79.6 kVA	79.6 kVA						
				Total Amps:		287 A	287 A	287 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	238.8 kVA	100.00%	238.8 kVA		
				Total Conn. Load:	238.8 kVA
				Total Est. Demand:	238.8 kVA
				Total Conn. Current:	287 A
				Total Est. Demand Current:	287 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: CPDB-2

EXISTING PANEL

Location: BOILER ROOM 1965 **Volts:** 277/480 Wye **A.I.C. Rating:** 65,000
Supply From: **Phases:** 3 **Enclosure:** Type 1
Mounting: Surface **Wires:** 4 **Mains:** 400A

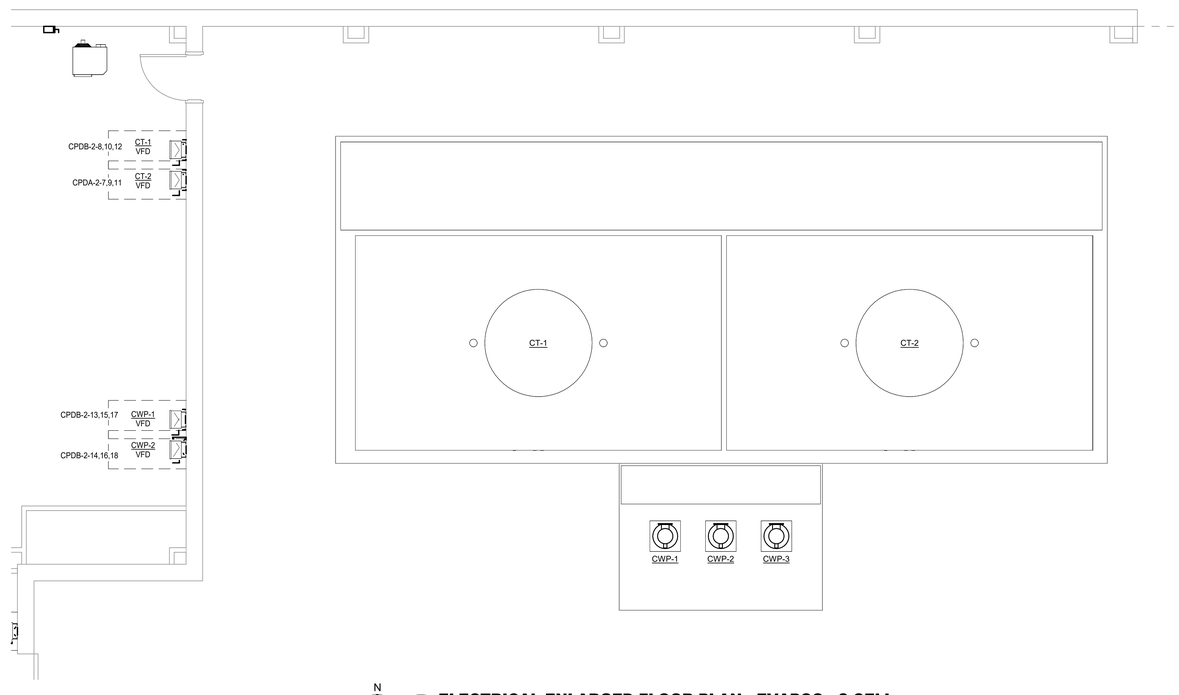
Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker		Wire	Circuit Description	CKT	Note
	1					34.4 / 7.5							2	
	3	SCHP-1 (100 HP)		200	3		34.4 / 7.5		3	50		PCHP-3 (20 HP)	4	
	5							34.4 / 7.5					6	
	7					7.5 / 26.6							8	
	9	PCHP-1 (20 HP)		50	3		7.5 / 26.6		3	150		CT-1 (75 HP)	10	
	11							7.5 / 26.6					12	
	13					26.6 / 26.6							14	
	15	CWP-1 (75 HP)		150	3		26.6 / 26.6		3	150		CWP-2 (75 HP)	16	
	17							26.6 / 26.6					18	
	19					11.1 / 0.0							20	
	21	HWP-2 (30 HP)		100	3		11.1 / 0.0						22	
	23							11.1 / 0.0					24	
	25												26	
	27												28	
	29												30	
	31												32	
	33												34	
	35												36	
	37												38	
	39												40	
	41												42	
				Total Load:		140.4 kVA	140.4 kVA	140.4 kVA						
				Total Amps:		507 A	507 A	507 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	421.1 kVA	100.00%	421.1 kVA		
				Total Conn. Load:	421.1 kVA
				Total Est. Demand:	421.1 kVA
				Total Conn. Current:	507 A
				Total Est. Demand Current:	507 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE



N

1 **ELECTRICAL ENLARGED FLOOR PLAN - EVAPCO - 2 CELL**
Scale: 1/4" = 1'-0"

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Registration: F-4111
Project No: 2023-05942-00

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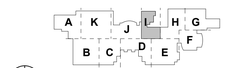
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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AW	JZ

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL ENLARGED PLANS - SERVICE YARD - 2 CELL

SHEET NUMBER

E-405

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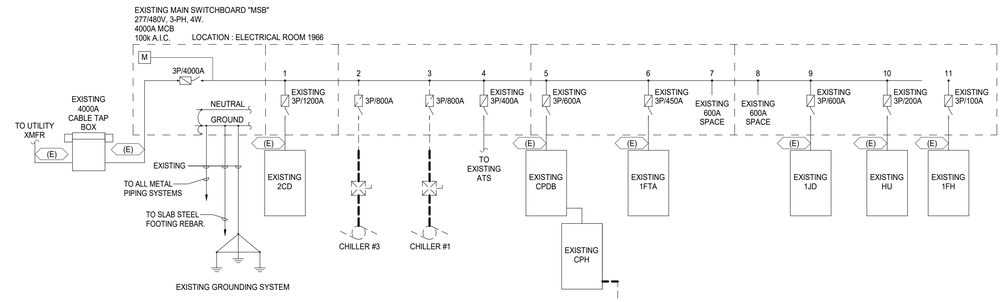

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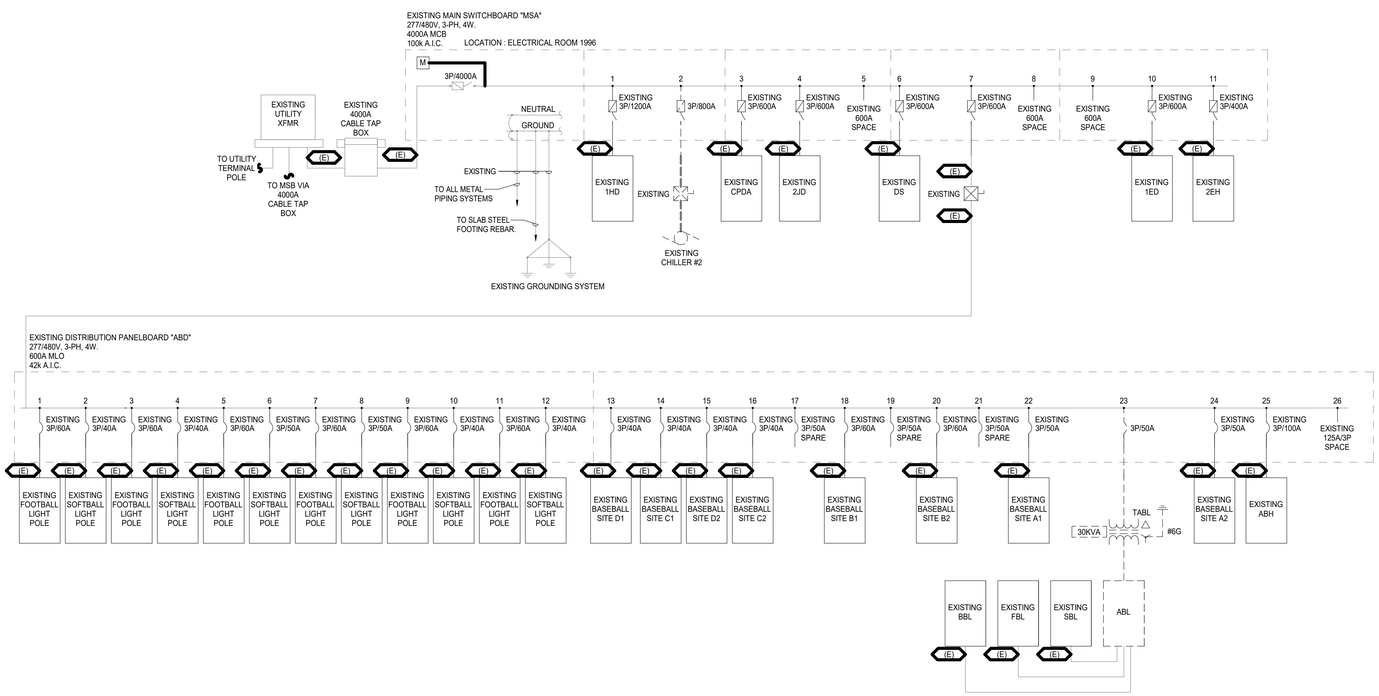
2 EXISTING PARTIAL ONE LINE DIAGRAM MSB

Scale: N.T.S.



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1 EXISTING PARTIAL ONE LINE DIAGRAM MSA

Scale: 12" = 1'-0"

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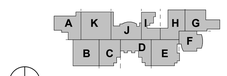

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL DEMOLITION ONE-LINE

SHEET NUMBER

E-500

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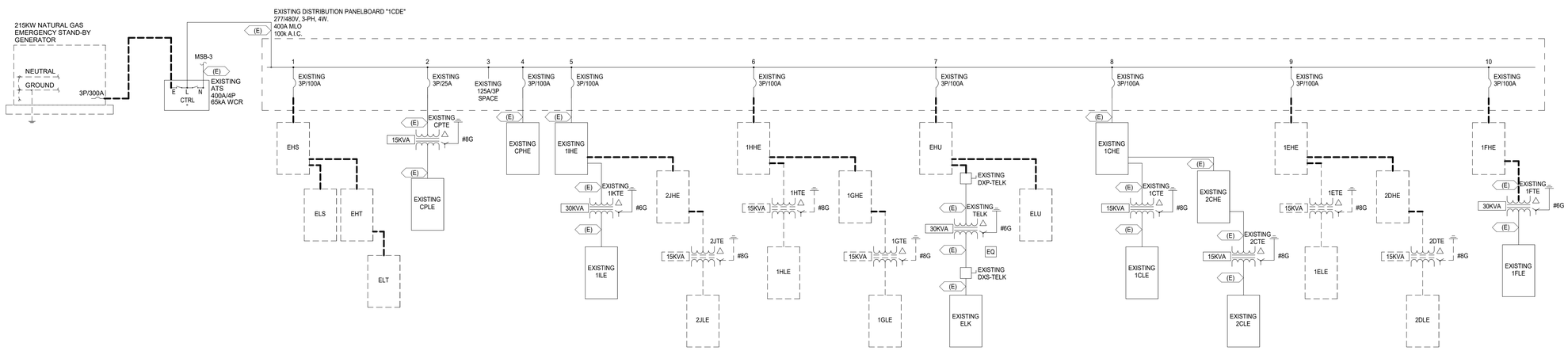
Registration: F-4111
Project No: 2023-05942-00



N

1 **EXISTING PARTIAL ONE LINE DIAGRAM EMERGENCY**
Scale: N.T.S.

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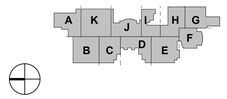
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DEMOLITION EMERGENCY ONE-LINE

SHEET NUMBER
E-501

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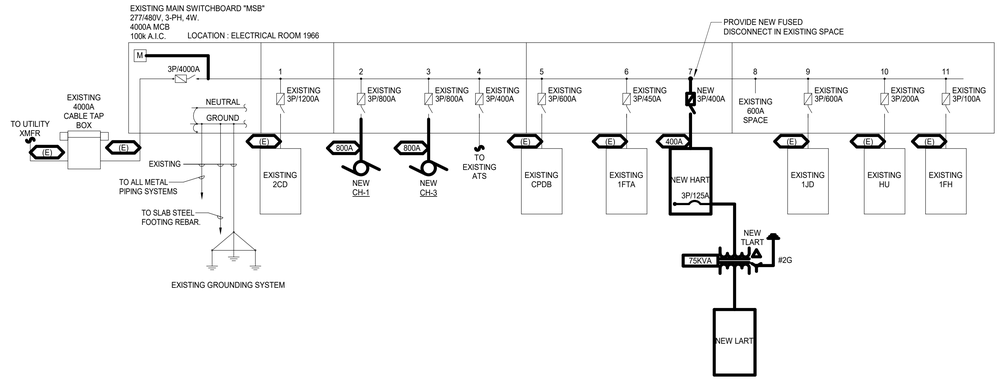
Registration: F-4111
Project No: 2023-05942-00



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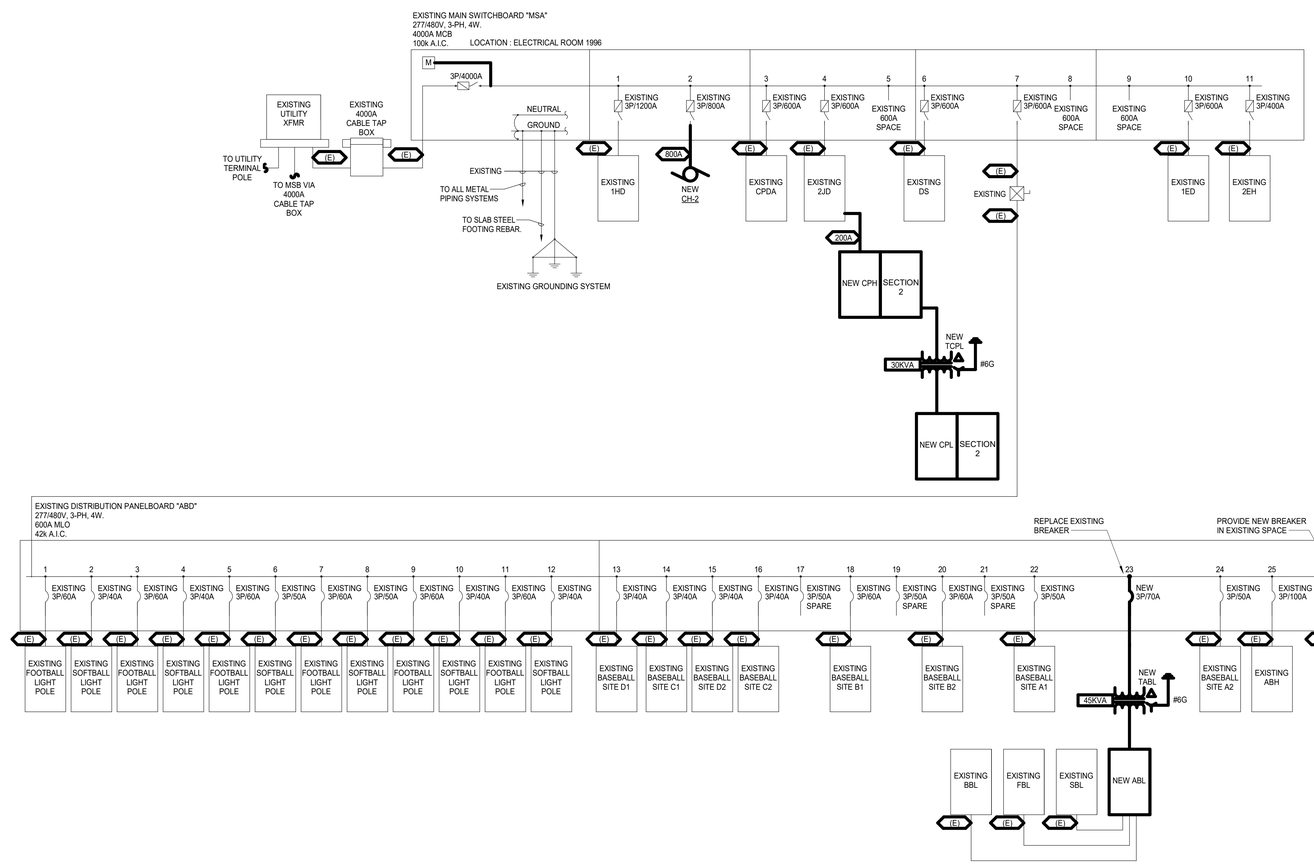
2 NEW PARTIAL ONE LINE DIAGRAM MSB

Scale: 12" = 1'-0"



N

1 NEW PARTIAL ONE LINE DIAGRAM MSA

Scale: 12" = 1'-0"

FEEDER SCHEDULE

AMPERAGE	# SETS	CONDUCTOR (QTY.)/SIZE	GROUND (QTY.)/SIZE	CONDUIT
15A	1	(4) #12	#12	3/4"C
50A	1	(4) #6	#10	1"C
100A	1	(4) #3	#8	1-1/4"C
125A	1	(4) #1	#6	2"C
200A	1	(4) #3/0	#6	2-1/2"C
400A	2	(4) #3/0	#3	2-1/2"C
800A	3	(4) #300KCMIL	#1/0	3"C

TRANSFORMER SCHEDULE

PRIMARY (480V 3PH 3W)		SECONDARY (208V 3PH 4W)
KVA	WIRE & CONDUIT	WIRE & CONDUIT
15KVA	3#10, 3/4"C, 1#12G	4#6, 1-1/4", 1#10G
30KVA	3#6, 1"C, 1#10G	4#1, 2"C, 1#6G
45KVA	3#4, 1"C, 1#8G	4#1/0, 2"C, 1#6G
75KVA	3#1, 1-1/4"C, 1#6G	4#250KCMIL, 3"C, 1#4G

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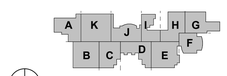

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
TEXAS
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL NEW ONE-LINE

SHEET NUMBER
E-502

Salas O'Brien
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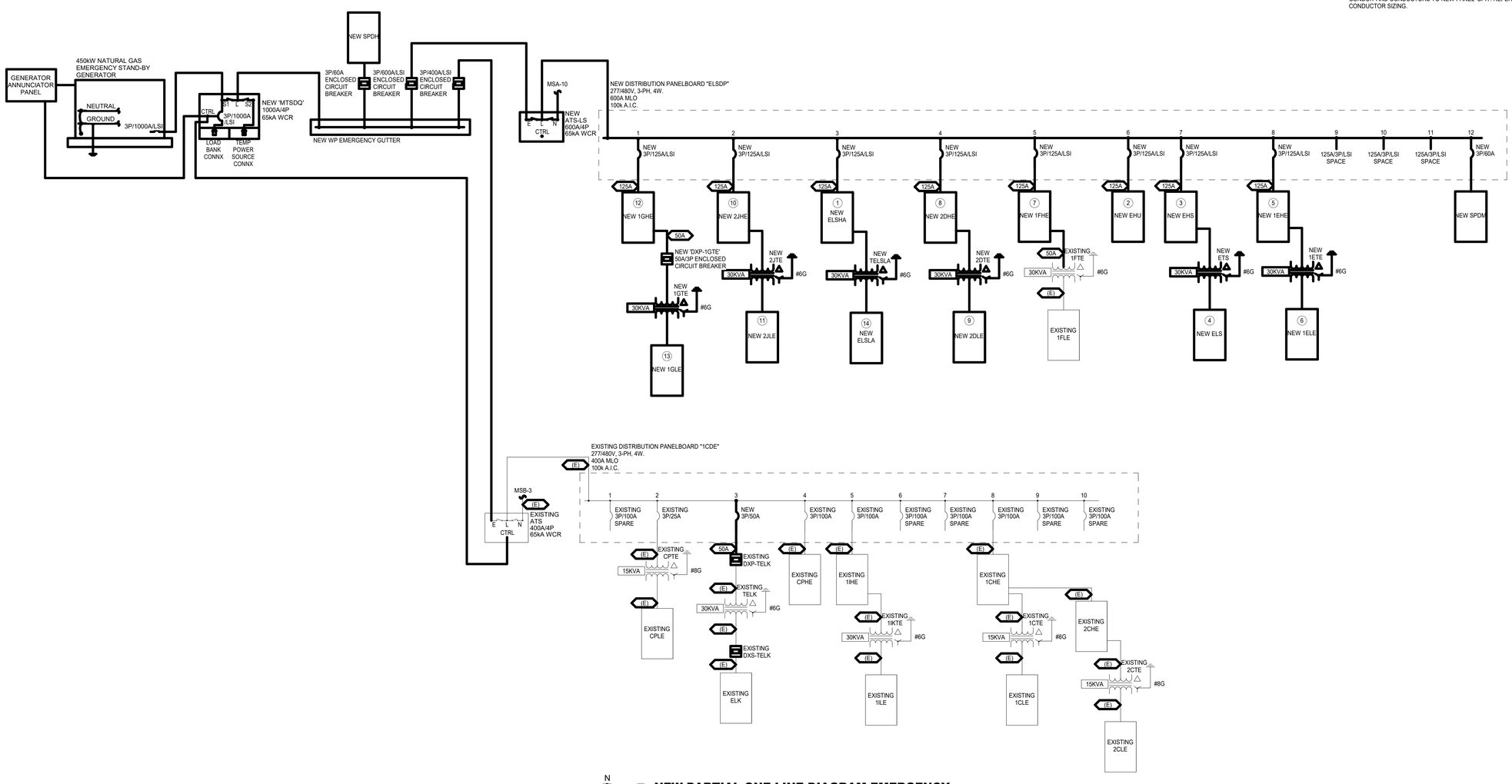
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

ELECTRICAL KEYED NOTES:

1. INTERCEPT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '1CPHE' AND '1HHE' OUTSIDE OF ELECTRICAL ROOM 1966. EXTEND CONDUIT AND CONDUCTORS TO NEW PANEL 'CPH'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
2. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANEL 'EHU'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL 'EHU'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
3. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS 'EHS', '2CHE' AND '1CHE'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL 'EHS'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
4. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS 'ELS', '2CLE' AND '1CLE'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL 'ELS. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
5. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '1EHE'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL '1EHE'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
6. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '1ELE'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL '1ELE'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
7. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '1FHE'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL '1FHE'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
8. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '2DHE'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL '2DHE'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
9. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '2DLE'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL '2DLE'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
10. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '2JHE' AND '1IHE". EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL '2JHE'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
11. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '2JLE' AND '1ILE'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL '2JLE'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
12. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '1GHE'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL '1GHE'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
13. RECONNECT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '1GLE' AND 'ELU'. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO NEW PANEL '1GLE'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.
14. INTERCEPT ALL EXISTING BRANCH CIRCUITS WITH ARTICLE 700 EMERGENCY LOADS FROM PANELS '1CPLE' AND '1HLE' OUTSIDE OF ELECTRICAL ROOM 1966. EXTEND CONDUIT AND CONDUCTORS TO NEW PANEL 'CPH'. REFER TO PANEL SCHEDULE FOR CONDUCTOR SIZING.



N

1 **NEW PARTIAL ONE LINE DIAGRAM EMERGENCY**
Scale: 12" = 1'-0"

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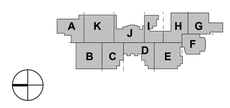

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL NEW EMERGENCY ONE-LINE

SHEET NUMBER
E-503

Branch Panel: BBL

EXISTING PANEL

Location: | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 50A MCB

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1											2	
	3											4	
	5											6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
					Total Load:	0.0 kVA	0.0 kVA	0.0 kVA					
					Total Amps:	0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: FBL

EXISTING PANEL

Location: | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 50A MCB

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1											2	
	3											4	
	5											6	
	7											8	
	9											10	
--	11	SPARE	--	20	1			0.0 / 0.0				12	
--	13	SPARE	--	20	1	0.0 / 0.0						14	
--	15	SPACE	--	--	1		0.0 / 0.0					16	
--	17	SPACE	--	--	1			0.0 / 0.0				18	
--	19	SPACE	--	--	1	0.0 / 0.0						20	
--	21	SPACE	--	--	1		0.0 / 0.0					22	
--	23	SPACE	--	--	1			0.0 / 0.0				24	
--	25	SPACE	--	--	1	0.0 / 0.0						26	
--	27	SPACE	--	--	1		0.0 / 0.0					28	
--	29	SPACE	--	--	1			0.0 / 0.0				30	
--	31	SPACE	--	--	1	0.0 / 0.0						32	
--	33	SPACE	--	--	1		0.0 / 0.0					34	
--	35	SPACE	--	--	1			0.0 / 0.0				36	
--	37	SPACE	--	--	1	0.0 / 0.2						**38**	
--	39	SPACE	--	--	1		0.0 / 0.2		**3**	**30**	**#10** **NEW SPDL**	**40**	**1**
--	41	SPACE	--	--	1			0.0 / 0.2				**42**	
					Total Load:	0.2 kVA	0.2 kVA	0.2 kVA					
					Total Amps:	1 A	1 A	1 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	0.5 kVA	100.00%	0.5 kVA		
				Total Conn. Load:	0.5 kVA
				Total Est. Demand:	0.5 kVA
				Total Conn. Current:	1 A
				Total Est. Demand Current:	1 A

Notes:
NEW WORK IN BOLD
1) PROVIDE NEW BREAKER

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: LFS

NEW PANEL WITH INTEGRAL 15kVA TRANSFORMER

Location: | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 50A MCB

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	Receptacles	#12	20	1	0.7 / 0.0			1	20	-- SPARE	2	--
	3	Exterior Lighting	#12	20	1		0.2 / 0.0		1	20	-- SPARE	4	--
	5	Interior Lighting	#12	20	1			0.3 / 0.0	1	20	-- SPARE	6	--
	7	EF-FH-1	#12	20	1	0.0 / 0.0			1	20	-- SPARE	8	--
--	9	SPARE	--	20	1		0.0 / 0.0		1	20	-- SPARE	10	--
--	11	SPARE	--	20	1			0.0 / 0.0	1	20	-- SPARE	12	--
--	13	SPARE	--	20	1	0.0 / 0.0			1	20	-- SPARE	14	--
--	15	SPARE	--	20	1		0.0 / 0.0		1	20	-- SPARE	16	--
--	17	SPARE	--	20	1			0.0 / 0.0	1	20	-- SPARE	18	--
--	19	SPARE	--	20	1	0.0 / 0.0						20	
--	21	SPARE	--	20	1		0.0 / 0.0		3	30	-- SPDL	22	--
--	23	SPARE	--	20	1			0.0 / 0.0				24	
					Total Load:	0.7 kVA	0.2 kVA	0.3 kVA					
					Total Amps:	6 A	1 A	2 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	0.4 kVA	125.00%	0.5 kVA		
Miscellaneous	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	1.1 kVA
Receptacles	0.7 kVA	100.00%	0.7 kVA	**Total Est. Demand:**	1.2 kVA
				Total Conn. Current:	3 A
				Total Est. Demand Current:	3 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: LART

NEW PANEL

Location: MECHANICAL G1019 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: TLART | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	KILN FAN	#12	20 1	0.2 / 1.1			1	20	#12 Receptacles DIGITAL ART G1017	2	
	3	KILN FAN	#12	20 1		0.2 / 0.4		1	20	#12 Receptacles DIGITAL ART G1017	4	
	5	Receptacles KILN G1026	#12	20 1			0.2 / 0.4	1	20	#12 Receptacles DIGITAL ART G1017	6	
	7	Receptacles Room G1004, G1006, G1008	#12	20 1	0.5 / 0.4			1	20	#12 Receptacles DIGITAL ART G1017	8	
	9	Receptacles BLACK BOX G1006	#12	20 1		1.1 / 0.4		1	20	#12 Receptacles DIGITAL ART G1017	10	
	11	Receptacles CHAIR STORAGE G1005	#12	20 1			0.5 / 0.4	1	20	#12 Receptacles DIGITAL ART G1017	12	
	13	Receptacles	#12	20 1	0.4 / 0.4			1	20	#12 Receptacles DIGITAL ART G1017	14	
	15	Receptacles	#12	20 1		0.4 / 0.4		1	20	#12 Receptacles DIGITAL ART G1017	16	
	17	Receptacles Room 1003	#12	20 1			0.4 / 0.4	1	20	#12 Receptacles DIGITAL ART G1017	18	
	19	Receptacles	#12	20 1	0.4 / 0.0						20	
	21	Receptacles	#12	20 1		0.4 / 0.0					22	
	23	Receptacles	#12	20 1			0.4 / 0.0	1	20	-- SPARE	24	--
	25	Receptacles Room G1024, G1025, G1022, G1021...	#12	20 1	0.9 / 0.5			1	20	#12 CORD REEL	26	
	27	Receptacles MUSIC LIBRARY G1023	#12	20 1		0.9 / 0.1		2	20	#10 3D PRINTER	28	
	29	Receptacles ENSEMBLE G1018	#12	20 1			1.1 / 0.1				30	
	31	Receptacles ENSEMBLE G1018	#12	20 1	0.4 / 0.4			1	20	#10 3D PRINTER	32	
	33	Receptacles OFFICE G1010	#12	20 1		0.7 / 0.5		1	20	#12 CORD REEL	34	
	35	Receptacles OFFICE G1010	#12	20 1			0.7 / 0.5	1	20	#12 CORD REEL	36	
	37	Receptacles CONTROL ROOM G1009	#12	20 1	0.9 / 0.5			1	20	#12 CORD REEL	38	
	39	AV CONNECTIVITY WALL PLATE	#12	20 1		1.5 / 0.0		1	20	-- SPARE	40	--
	41	Receptacles DIGITAL ART G1017	#12	20 1			1.1 / 0.5	1	20	#12 CORD REEL	42	
	43	CORD REEL	#12	20 1	0.5 / 0.4			1	20	#12 AUDIO CONNECTIVITY CONSOLE	44	
	45	Receptacles ART OFFICE G1014	#12	20 1		0.9 / 0.4		1	20	#12 AUDIO CONNECTIVITY CONSOLE	46	
	47	Receptacles ART OFFICE G1014	#12	20 1			1.1 / 0.0	1	20	-- SPARE	48	--
	49	Receptacles MECHANICAL G1019	#12	20 1	0.2 / 0.0			1	20	-- SPARE	50	--
	51	Receptacles ART G1011	#12	20 1		1.4 / 0.0		1	20	-- SPARE	52	--
	53	Receptacles ART G1011	#12	20 1			0.5 / 0.0	1	20	-- SPARE	54	--
	55	CORD REEL	#12	20 1	0.5 / 0.0			1	20	-- SPARE	56	--
	57	CORD REEL	#12	20 1		0.5 / 0.0		1	20	-- SPARE	58	--
	59	CORD REEL	#12	20 1			0.5 / 0.0	1	20	-- SPARE	60	--
	61	CORD REEL	#12	20 1	0.5 / 0.0			1	20	-- SPARE	62	--
	63	Receptacles ART G1011	#12	20 1		0.2 / 0.0		1	20	-- SPARE	64	--
	65	Receptacles ART G1011	#12	20 1			0.2 / 0.0	1	20	-- SPARE	66	--
	67	Receptacles ART G1011	#12	20 1	0.2 / 0.0			1	20	-- SPARE	68	--
	69	Receptacles ART G1011	#12	20 1		0.2 / 0.0		1	20	-- SPARE	70	--
	71	Receptacles ART STORAGE G1013	#12	20 1			0.9 / 0.0	1	20	-- SPARE	72	--
	73	WATER FOUNTAIN/BOTTLE FILLER	#12	20 1	0.2 / 0.0			1	20	-- SPARE	74	--
	75	WATER FOUNTAIN/BOTTLE FILLER	#12	20 1		0.2 / 0.0		1	20	-- SPARE	76	--
	77	Receptacles CONTROL ROOM G1009	#12	20 1			0.7 / 0.0	1	20	-- SPARE	78	--
	79	AUDIO CONSOLE	#12	20 1	1.5 / 0.0			1	20	-- SPARE	80	--
	81	AUDIO CONSOLE	#12	20 1		1.5 / 0.0		1	20	-- SPARE	82	--
	83	AUDIO CONNECTIVITY CONSOLE	#12	20 1			0.4 / 0.0	1	20	-- SPARE	84	--
--	85	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	86	--
--	87	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	88	--
--	89	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	90	--
--	91	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	92	--
--	93	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	94	--
--	95	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	96	--
--	97	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	98	--
--	99	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	100	--
--	101	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	102	--
--	103	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	104	--
--	105	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	106	--
--	107	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	108	--
--	109	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	110	--
--	111	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	112	--
--	113	SPARE	--	20 1			0.0 / 4.2	2	50	#6 KILN	114	
--	115	SPARE	--	20 1	0.0 / 4.2						116	
--	117	SPARE	--	20 1		0.0 / 4.2		2	50	#6 KILN	118	
--	119	SPARE	--	20 1			0.0 / 4.2				120	
--	121	SPARE	--	20 1	0.0 / 0.0			3	30	-- SPDL	122	
--	123	SPARE	--	20 1		0.0 / 0.0					124	--
--	125	SPARE	--	20 1			0.0 / 0.0				126	
				Total Load:	14.8 kVA	16.2 kVA	19.1 kVA					
				Total Amps:	124 A	137 A	161 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	21.6 kVA	100.00%	21.6 kVA		
Other	0.4 kVA	100.00%	0.4 kVA	**Total Conn. Load:**	50.1 kVA
Receptacles	28.1 kVA	67.81%	19.0 kVA	**Total Est. Demand:**	41.1 kVA
				Total Conn. Current:	139 A
				Total Est. Demand Current:	114 A

Notes:

Abbrevations:
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LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: HART

NEW PANEL

Location: MECHANICAL G1019 | **Volts:** 277/480 Wye | **A.I.C. Rating:** 18,000
Supply From: | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1					0.0 / 0.6						2	
	3	AHU-G5	#10	30	3		0.0 / 0.6		3	20	#12 SF-G-1	4	
	5							0.0 / 0.6				6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31					0.0 / 14.8						32	
	33						0.0 / 16.2		3	175	1-L TLART	34	
	35							0.0 / 19.1				36	
	37					0.0 / 0.0						38	
	39						0.0 / 0.0		3	30	-- SPDL	40	--
	41							0.0 / 0.0				42	
					Total Load:	15.4 kVA	16.8 kVA	19.7 kVA					
					Total Amps:	56 A	61 A	72 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	0.0 kVA	0.00%	0.0 kVA		
Miscellaneous	23.4 kVA	100.00%	23.4 kVA	**Total Conn. Load:**	51.9 kVA
Other	0.4 kVA	100.00%	0.4 kVA	**Total Est. Demand:**	42.9 kVA
Receptacles	28.1 kVA	67.81%	19.0 kVA	**Total Conn. Current:**	62 A
				Total Est. Demand Current:	52 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD

DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E-601

Branch Panel: CPL

NEW PANEL

Location: ELECTRICAL ROOM 1966
Supply From: TCPL
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Enclosure: Type 1
Mains: 50A MCB

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
1	1	BAS CONTROLLER	(E)	20	1	0.3 / 0.3			1	20	(E) BAS	2	1
1	3	5 RECEPTACLES	(E)	20	1		0.9 / 0.2		1	20	#12 CARBON MONOXIDE	4	
1	5	WATER SOFTENER	(E)	20	1			0.3 / 0.6				6	
1	7	WATER TREATMENT	(E)	20	1	0.2 / 0.6			3	20	#12 B-1 (1 HP)	8	
1	9	WATER TREATMENT	(E)	20	1		0.2 / 0.6					10	
1	11	SPARE	(E)	20	1			0.3 / 0.6				12	
1	13	1 ROOF RECEPTACLE	(E)	20	1	0.2 / 0.6			3	20	#12 B-2 (1 HP)	14	
1	15	EF-H-15 (1/4 HP)	(E)	20	1		0.7 / 0.6					16	
1	17	EF-H-1 (5kW)	(E)	20	2			2.6 / 0.6				18	
	19					2.6 / 0.6			3	20	#12 B-3 (1 HP)	20	
1	21	EF-H-2 (5kW)	(E)	20	2		2.6 / 0.6					22	
	23							2.6 / 0.6				24	
1	25	IRRIGATION CONTROL	(E)	20	1	0.3 / 0.6			3	20	#12 B-4 (1 HP)	26	
1	27	1 RECEPTACLE	(E)	20	1		0.2 / 0.6					28	
1	29	4 RECEPTACLES	(E)	20	1			0.7 / 0.6				30	
1	31	BATTERY CHARGER	(E)	20	1	0.5 / 0.6			3	20	#12 B-5 (1 HP)	32	
1	33	3 RECEPTACLES	(E)	20	1		0.5 / 0.6					34	
1	35	WATER TREATMENT	(E)	20	1			0.2 / 0.0				36	
1	37	WATER TREATMENT	(E)	20	1	0.2 / 0.0						38	
1	39	1 ROOF RECEPTACLE	(E)	20	1		0.2 / 0.0					40	
1	41	4 RECEPTACLES AND EXHAUST FAN	(E)	20	1			1.2 / 0.0				42	
	43											44	
	45											46	
	47											48	
	49											50	
	51											52	
	53											54	
	55											56	
	57											58	
	59											60	
	61											62	
	63											64	
	65											66	
	67											68	
	69											70	
	71											72	
	73											74	
	75											76	
	77											78	
	79					0.0 / 0.2						80	
	81						0.0 / 0.2		3	30	#10 SPDL	82	1
	83							0.0 / 0.2				84	
				Total Load:		7.7 kVA	8.7 kVA	11.1 kVA					
				Total Amps:		64 A	73 A	94 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	11.2 kVA	100.00%	11.2 kVA		
Heating	9.0 kVA	100.00%	9.0 kVA	**Total Conn. Load:**	27.5 kVA
Miscellaneous	4.6 kVA	100.00%	4.6 kVA	**Total Est. Demand:**	27.5 kVA
Other	0.2 kVA	100.00%	0.2 kVA	**Total Conn. Current:**	76 A
Receptacles	2.5 kVA	100.00%	2.5 kVA	**Total Est. Demand Current:**	76 A

Notes:
1 - CONNECT PRESERVED LOAD TO NEW PANEL

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: CPH

NEW PANEL

Location: ELECTRICAL ROOM 1966
Supply From: CPDA
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 200A MLO

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
1	1	RELAY 1	(E)	20	1	0.5 / 0.5			1	20	(E) RELAY 2	2	1
1	3	RELAY 4	(E)	20	1		0.5 / 0.5		1	20	(E) RELAY 3	4	1
	5							0.2 / 0.2				6	
1	7	PARKING LOT	(E)	30	3	0.2 / 0.2			3	30	(E) FCU-H1	8	
	9						0.2 / 0.2					10	
	11							1.4 / 1.4				12	
	13	HWP-3 (3 HP)	#12	20	3	1.4 / 1.4			3	20	#12 HWP-4 (3 HP)	14	
	15						1.4 / 1.4					16	
1	17	ELECTRIC HEATER	(E)	20	1			0.5 / 1.4				18	
	19					1.4 / 1.4			3	20	#12 HWP-5 (3 HP)	20	
	21	HWP-6 (3 HP)	#12	20	3		1.4 / 1.4					22	
	23							1.4 / 1.4				24	
	25					1.7 / 1.4			3	20	#12 HWP-7 (3 HP)	26	
	27	EUH-1 (5 kW)	#12	20	3		1.7 / 1.4					28	
	29							1.7 / 1.7				30	
	31					1.7 / 1.7			3	20	#12 EUH-2 (5 kW)	32	
	33	EUH-3 (5 kW)	#12	20	3		1.7 / 1.7					34	
	35							1.7 / 4.0	1	30	#10 FCU-H4 (3 HP)	36	
	37					1.7 / 1.7						38	
	39	EUH-5 (5 kW)	#12	20	3		1.7 / 1.7		3	20	#12 EUH-4 (5 kW)	40	
	41							1.7 / 1.7				42	
	43	FCU-H2 (3 HP)	#12	20	1	4.0 / 7.7						44	
	45	FCU-H3 (3 HP)	#12	20	1		4.0 / 8.7		3	50	1L TCPL	46	
	47							0.8 / 11.1				48	
	49	EF-H-16 (3 HP)	#12	20	3	0.8 / 0.0			1	--	-- SPACE	50	--
	51						0.8 / 0.0		1	--	-- SPACE	52	--
--	53	SPACE	--	--	1			0.0 / 0.0	1	--	-- SPACE	54	--
--	55	SPACE	--	--	1	0.0 / 0.0			1	--	-- SPACE	56	--
--	57	SPACE	--	--	1		0.0 / 0.0		1	--	-- SPACE	58	--
--	59	SPACE	--	--	1			0.0 / 0.0	1	--	-- SPACE	60	--
--	61	SPACE	--	--	1	0.0 / 0.0			1	--	-- SPACE	62	--
--	63	SPACE	--	--	1		0.0 / 0.0		1	--	-- SPACE	64	--
--	65	SPACE	--	--	1			0.0 / 0.0	1	--	-- SPACE	66	--
--	67	SPACE	--	--	1	0.0 / 0.0			1	--	-- SPACE	68	--
--	69	SPACE	--	--	1		0.0 / 0.0		1	--	-- SPACE	70	--
--	71	SPACE	--	--	1			0.0 / 0.0	1	--	-- SPACE	72	--
--	73	SPACE	--	--	1	0.0 / 0.0			1	--	-- SPACE	74	--
--	75	SPACE	--	--	1		0.0 / 0.0		1	--	-- SPACE	76	--
--	77	SPACE	--	--	1			0.0 / 0.0	1	--	-- SPACE	78	--
--	79	SPACE	--	--	1	0.0 / 0.0						80	
--	81	SPACE	--	--	1		0.0 / 0.0		3	30	#10 SPDL	82	
--	83	SPACE	--	--	1			0.0 / 0.0				84	
				Total Load:		29.0 kVA	30.0 kVA	31.9 kVA					
				Total Amps:		105 A	109 A	116 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	71.1 kVA	100.00%	71.1 kVA		
Heating	9.0 kVA	100.00%	9.0 kVA	**Total Conn. Load:**	90.9 kVA
Miscellaneous	8.1 kVA	100.00%	8.1 kVA	**Total Est. Demand:**	90.9 kVA
Other	0.2 kVA	100.00%	0.2 kVA	**Total Conn. Current:**	109 A
Receptacles	2.5 kVA	100.00%	2.5 kVA	**Total Est. Demand Current:**	109 A

Notes:
1 - CONNECT PRESERVED LOAD TO NEW PANEL

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: LTC

Location:
Supply From: HTC
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	Receptacles		20	1	0.2 / 0.2						2	
	3	LIGHTS CONTROL PANEL		20	1		0.5 / 0.2		3	20	Miscellaneous	4	
	5	Receptacles		20	1			0.2 / 0.2				6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
				Total Load:		0.3 kVA	0.7 kVA	0.3 kVA					
				Total Amps:		3 A	6 A	3 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	1.0 kVA	100.00%	1.0 kVA		
Receptacles	0.4 kVA	100.00%	0.4 kVA	**Total Conn. Load:**	1.4 kVA
				Total Est. Demand:	1.4 kVA
				Total Conn. Current:	4 A
				Total Est. Demand Current:	4 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: HTC

Location:
Supply From: Surface
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1											2	
	3											4	
	5											6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31					0.0 / 0.3						32	
	33						0.0 / 0.7		3	20	1L LTC	34	
	35							0.0 / 0.3				36	
	37											38	
	39											40	
	41											42	
				Total Load:		0.3 kVA	0.7 kVA	0.3 kVA					
				Total Amps:		1 A	2 A	1 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	1.0 kVA	100.00%	1.0 kVA		
Receptacles	0.4 kVA	100.00%	0.4 kVA	**Total Conn. Load:**	1.4 kVA
				Total Est. Demand:	1.4 kVA
				Total Conn. Current:	2 A
				Total Est. Demand Current:	2 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE
1L - REFER TO ONELINE

Branch Panel: SBL

EXISTING PANEL

Location:
Supply From:
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Enclosure: Type 1
Mains: 400A MCB

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1											2	
	3											4	
	5											6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
				Total Load:		0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:		0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

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Project No: 2023-05942-00

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS 80219 LICENSED TEXAS PROFESSIONAL ENGINEER
12/09/2024

CLIENT
CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E-602

Branch Panel: 2DHE

NEW PANEL

Location: WORKROOM-2 2522-2
Supply From: ELSDP
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1					0.0 / 0.0						2	
	3	2DTE		20	3		0.0 / 0.0					4	
	5							0.0 / 0.0				6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
					Total Load:	0.0 kVA	0.0 kVA	0.0 kVA					
					Total Amps:	0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 2JHE

NEW PANEL

Location: ELECT J210
Supply From: ELSDP
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1					0.0 / 0.0						2	
	3	2JTE		20	3		0.0 / 0.0					4	
	5							0.0 / 0.0				6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
					Total Load:	0.0 kVA	0.0 kVA	0.0 kVA					
					Total Amps:	0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: EHU

NEW PANEL

Location: MECH. ROOM C109
Supply From:
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1											2	
	3											4	
	5											6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
					Total Load:	0.0 kVA	0.0 kVA	0.0 kVA					
					Total Amps:	0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: EHS

NEW PANEL

Location: MECHANICAL ROOM-2 2058-2
Supply From: ELSDP
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1					0.0 / 0.0						2	
	3	ETS		20	3		0.0 / 0.0					4	
	5							0.0 / 0.0				6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
					Total Load:	0.0 kVA	0.0 kVA	0.0 kVA					
					Total Amps:	0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: ELSHA

NEW PANEL

Location: CENTRAL PLANT 1967
Supply From: ELSDP
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 125A MLO

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
1	1	EMERGENCY LIGHTING	#10	20	1	1.5 / 0.0			1	--	-- SPACE	2	--
1	3	EMERGENCY LIGHTING	#10	20	1		1.5 / 0.0		1	--	-- SPACE	4	--
	5							0.0 / 0.0	1	--	-- SPACE	6	--
	7					0.0 / 0.0			1	--	-- SPACE	8	--
	9						0.0 / 0.0		1	--	-- SPACE	10	--
	11							0.0 / 0.0	1	--	-- SPACE	12	--
	13					0.0 / 0.0			1	--	-- SPACE	14	--
	15						0.0 / 0.0		1	--	-- SPACE	16	--
	17							0.0 / 0.0	1	--	-- SPACE	18	--
	19					0.0 / 0.0			1	--	-- SPACE	20	--
	21						0.0 / 0.0		1	--	-- SPACE	22	--
	23							0.0 / 0.0	1	--	-- SPACE	24	--
	25					0.0 / 0.0			1	--	-- SPACE	26	--
	27						0.0 / 0.0		1	--	-- SPACE	28	--
	29							0.0 / 0.0	1	--	-- SPACE	30	--
	31					0.0 / 0.0			1	--	-- SPACE	32	--
	33						0.0 / 0.0		1	--	-- SPACE	34	--
	35							0.0 / 0.0	1	--	-- SPACE	36	--
	37					0.0 / 0.0						38	
	39						0.0 / 0.0		3	30	#10 SPDL	40	
	41							0.0 / 0.0				42	
					Total Load:	1.5 kVA	1.5 kVA	0.0 kVA					
					Total Amps:	6 A	6 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	3.0 kVA	125.00%	3.8 kVA		
Miscellaneous	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:**	3.0 kVA
				Total Est. Demand:	3.8 kVA
				Total Conn. Current:	4 A
				Total Est. Demand Current:	5 A

Notes:
1 - VERIFY LOAD SERVED, INTERCEPT AND EXTEND CIRCUIT FROM EXISTING PANEL 'ELSHA'

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Salas O'Brien
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Registration: F-4111
Project No: 2023-05942-00

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E-603

Salas O'Brien
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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

Branch Panel: 1FHE

NEW PANEL

Location: ELECTRICAL 1767
Supply From:
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1					0.0 / 0.0						2	
	3	(E)1FTE		20	3		0.0 / 0.0					4	
	5							0.0 / 0.0				6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
				Total Load:		0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:		0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 1EHE

NEW PANEL

Location: ELEC ROOM 1670
Supply From: ELSDP
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1					0.0 / 0.0						2	
	3	1ETE		20	3		0.0 / 0.0					4	
	5							0.0 / 0.0				6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
				Total Load:		0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:		0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 1GHE

NEW PANEL

Location: ELEC 1829
Supply From:
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1											2	
	3											4	
	5											6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
				Total Load:		0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:		0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD

DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-604

Branch Panel: 1ELE

NEW PANEL

Location: ELEC ROOM 1670
Supply From: 1ETE
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
				Total Load:	0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:	0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 1GLE

NEW PANEL

Location: ELECT. G201
Supply From: 1GTE
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
				Total Load:	0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:	0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 2DLE

NEW PANEL

Location: ELEC-2 2609-2
Supply From: 2DTE
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
				Total Load:	0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:	0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: ELS

NEW PANEL

Location: MECHANICAL ROOM-2 2058-2
Supply From: ETS
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
				Total Load:	0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:	0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: ELSLA

NEW PANEL

Location: CENTRAL PLANT 1967
Supply From:
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker		Wire	Circuit Description	CKT	Note
1	1	FIRE SMOKE DAMPER	#10	20	1	0.5 / 0.0			1	--	--	SPACE	2	--
1	3	FA REMOTE POWER	#10	20	1		0.5 / 0.0		1	--	--	SPACE	4	--
	5							0.0 / 0.0	1	--	--	SPACE	6	--
	7					0.0 / 0.0			1	--	--	SPACE	8	--
	9						0.0 / 0.0		1	--	--	SPACE	10	--
	11							0.0 / 0.0	1	--	--	SPACE	12	--
	13					0.0 / 0.0			1	--	--	SPACE	14	--
	15						0.0 / 0.0		1	--	--	SPACE	16	--
	17							0.0 / 0.0	1	--	--	SPACE	18	--
	19					0.0 / 0.0			1	--	--	SPACE	20	--
	21						0.0 / 0.0		1	--	--	SPACE	22	--
	23							0.0 / 0.0	1	--	--	SPACE	24	--
	25					0.0 / 0.0			1	--	--	SPACE	26	--
	27						0.0 / 0.0		1	--	--	SPACE	28	--
	29							0.0 / 0.0	1	--	--	SPACE	30	--
	31					0.0 / 0.0			1	--	--	SPACE	32	--
	33						0.0 / 0.0		1	--	--	SPACE	34	--
	35							0.0 / 0.0	1	--	--	SPACE	36	--
	37					0.0 / 0.0							38	
	39						0.0 / 0.0		3	30	#10	SPDL	40	
	41							0.0 / 0.0					42	
				Total Load:		0.5 kVA	0.5 kVA	0.0 kVA						
				Total Amps:		5 A	5 A	0 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	1.0 kVA	100.00%	1.0 kVA		
				Total Conn. Load:	1.0 kVA
				Total Est. Demand:	1.0 kVA
				Total Conn. Current:	3 A
				Total Est. Demand Current:	3 A

Notes:
1 - VERIFY LOAD SERVED, INTERCEPT AND EXTEND CIRCUIT FROM EXISTING PANEL "1CLE"

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

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Registration: F-4111
Project No: 2023-05942-00

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-605

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

Branch Panel: 2JLE

NEW PANEL

Location: ELECT J210
Supply From: 2JTE
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
				Total Load:	0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:	0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER 33AC23221
ABBREVIATION CFISD
DRAWN BY AW
CHECKED BY JZ

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-606

Branch Panel: 1CHE

EXISTING PANEL

Location: ELEC 1253
Supply From: 1CDE
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1					0.0 / 0.0						2	
	3	1CTE		20	3		0.0 / 0.0					4	
	5							0.0 / 0.0				6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
				Total Load:		0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:		0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 1CPHE

EXISTING PANEL

Location: ELECTRICAL ROOM 1966
Supply From: 1CDE
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Enclosure: Type 1
Mains: 125A MLO

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
2	1	SPARE	--	20	1	0.0 / 0.0			1	20	-- SPARE	2	2
	3						0.0 / 0.0		1	20	-- SPARE	4	--
	5	EF-H-11	(E)	30	3			0.0 / 0.0	1	20	-- SPARE	6	--
	7					0.0 / 0.0			1	20	-- SPARE	8	--
--	9	SPARE	--	20	1		0.0 / 0.0		1	--	-- SPACE	10	--
--	11	SPARE	--	20	1			0.0 / 0.0	1	--	-- SPACE	12	--
--	13	SPARE	--	20	1	0.0 / 0.0			1	--	-- SPACE	14	--
--	15	SPACE	--	--	1		0.0 / 0.0		1	--	-- SPACE	16	--
--	17	SPACE	--	--	1			0.0 / 0.0	1	--	-- SPACE	18	--
--	19	SPACE	--	--	1	0.0 / 0.0			1	--	-- SPACE	20	--
--	21	SPACE	--	--	1		0.0 / 0.0		1	--	-- SPACE	22	--
--	23	SPACE	--	--	1			0.0 / 0.0	1	--	-- SPACE	24	--
--	25	SPACE	--	--	1	0.0 / 0.0						**26**	
--	27	SPACE	--	--	1		0.0 / 0.0		**3**	**30**	**#10 SPDL**	**28**	**1**
--	29	SPACE	--	--	1			0.0 / 0.0				**30**	
				Total Load:		0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:		0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	0.0 kVA	0.00%	0.0 kVA		
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:
NEW WORK IN BOLD
1 - PROVIDE NEW BREAKER
2 - VERIFY LOAD SERVED, MOVE CIRCUIT TO 'ELSLA', LEAVE BREAKER AS SPARE

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 1IHE

EXISTING PANEL

Location: ELEC 1043
Supply From: 1CDE
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1					0.0 / 0.0						2	
	3	1IKTE		20	3		0.0 / 0.0					4	
	5							0.0 / 0.0				6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
				Total Load:		0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:		0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 2CHE

EXISTING PANEL

Location: ELECTRICAL-1 C265-1
Supply From: 1CDE
Mounting: Surface

Volts: 277/480 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Enclosure: Type 1
Mains: 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1					0.0 / 0.0						2	
	3	2CTE		20	3		0.0 / 0.0					4	
	5							0.0 / 0.0				6	
	7											8	
	9											10	
	11											12	
	13											14	
	15											16	
	17											18	
	19											20	
	21											22	
	23											24	
	25											26	
	27											28	
	29											30	
	31											32	
	33											34	
	35											36	
	37											38	
	39											40	
	41											42	
				Total Load:		0.0 kVA	0.0 kVA	0.0 kVA					
				Total Amps:		0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Salas O'Brien
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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER 33AC23221
ABBREVIATION CFISD
DRAWN BY AW
CHECKED BY JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E-607

Salas O'Brien
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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

Branch Panel: 1CLE

EXISTING PANEL

Location: ELEC 1253 **Volts:** 120/208 Wye **A.I.C. Rating:** 10,000
Supply From: 1CTE **Phases:** 3 **Enclosure:** Type 1
Mounting: Surface **Wires:** 4 **Mains:** 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker		Wire	Circuit Description	CKT	Note
	1												2	
	3												4	
	5												6	
	7												8	
	9												10	
	11												12	
	13												14	
	15												16	
	17												18	
	19												20	
	21												22	
	23												24	
	25												26	
	27												28	
	29												30	
	31												32	
	33												34	
	35												36	
	37												38	
	39												40	
	41												42	

	A	B	C
Total Load:	0.0 kVA	0.0 kVA	0.0 kVA
Total Amps:	0 A	0 A	0 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 1CPLE

EXISTING PANEL

Location: ELECTRICAL ROOM 1966 **Volts:** 120/208 Wye **A.I.C. Rating:** 10,000
Supply From: 1CPTE **Phases:** 3 **Enclosure:** Type 1
Mounting: Surface **Wires:** 4 **Mains:** 50A MCB

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker		Wire	Circuit Description	CKT	Note
2	1	SPARE	--	20	1	0.5 / 0.5			1	20	--	SPARE	2	2
	3	CHILLER 2 CONTROLS	(E)	20	1		0.5 / 0.0		2	20	--	SPARE	4	3
	5	EF-H-18	(E)	20	1			0.5 / 0.0					6	
--	7	SPARE	--	20	1	0.0 / 0.5			1	20	(E)	REFRIGERATION CTRL PANEL	8	
--	9	SPACE	--	--	1		0.0 / 0.5		1	20	(E)	3 RECEPTACLES	10	
--	11	SPACE	--	--	1			0.0 / 0.0	1	--	--	SPACE	12	--
--	13	SPACE	--	--	1	0.0 / 0.0			1	--	--	SPACE	14	--
--	15	SPACE	--	--	1		0.0 / 0.0		1	--	--	SPACE	16	--
--	17	SPACE	--	--	1			0.0 / 0.0	1	--	--	SPACE	18	--
--	19	SPACE	--	--	1	0.0 / 0.0			1	--	--	SPACE	20	--
--	21	SPACE	--	--	1		0.0 / 0.0		1	--	--	SPACE	22	--
--	23	SPACE	--	--	1			0.0 / 0.0	1	--	--	SPACE	24	--
--	25	SPACE	--	--	1	0.0 / 0.0							**26**	
--	27	SPACE	--	--	1		0.0 / 0.0		**3**	**30**	**#10**	**SPDL**	**28**	**1**
--	29	SPACE	--	--	1			0.0 / 0.0					**30**	

	A	B	C
Total Load:	1.5 kVA	1.0 kVA	0.5 kVA
Total Amps:	13 A	9 A	4 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	3.0 kVA	100.00%	3.0 kVA		
				Total Conn. Load:	3.0 kVA
				Total Est. Demand:	3.0 kVA
				Total Conn. Current:	8 A
				Total Est. Demand Current:	8 A

Notes:
NEW WORK IN BOLD
1 - PROVIDE NEW BREAKER
2 - VERIFY LOAD SERVED, MOVE CIRCUIT TO 'ELSLA', LEAVE BREAKER AS SPARE
3 - VERIFY EXISTING LOAD IS DEMOLISHED, LEAVE BREAKER AS SPARE

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 1ILE

EXISTING PANEL

Location: ELEC 1043 **Volts:** 120/208 Wye **A.I.C. Rating:** 18,000
Supply From: 1IKTE **Phases:** 3 **Enclosure:** Type 1
Mounting: Surface **Wires:** 4 **Mains:** 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker		Wire	Circuit Description	CKT	Note
	1												2	
	3												4	
	5												6	
	7												8	
	9												10	
	11												12	
	13												14	
	15												16	
	17												18	
	19												20	
	21												22	
	23												24	
	25												26	
	27												28	
	29												30	
	31												32	
	33												34	
	35												36	
	37												38	
	39												40	
	41												42	

	A	B	C
Total Load:	0.0 kVA	0.0 kVA	0.0 kVA
Total Amps:	0 A	0 A	0 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: 2CLE

EXISTING PANEL

Location: ELECTRICAL-1 C265-1 **Volts:** 120/208 Wye **A.I.C. Rating:** 18,000
Supply From: 2CTE **Phases:** 3 **Enclosure:** Type 1
Mounting: Surface **Wires:** 4 **Mains:** 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker		A	B	C	Breaker		Wire	Circuit Description	CKT	Note
	1												2	
	3												4	
	5												6	
	7												8	
	9												10	
	11												12	
	13												14	
	15												16	
	17												18	
	19												20	
	21												22	
	23												24	
	25												26	
	27												28	
	29												30	
	31												32	
	33												34	
	35												36	
	37												38	
	39												40	
	41												42	

	A	B	C
Total Load:	0.0 kVA	0.0 kVA	0.0 kVA
Total Amps:	0 A	0 A	0 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

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Katy, Texas 77449

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LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
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346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
TEXAS
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD

DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

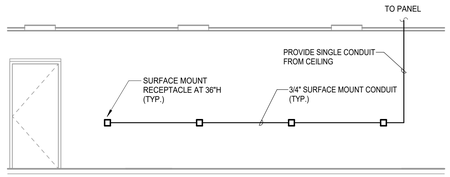
ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-608

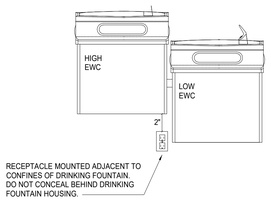
Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

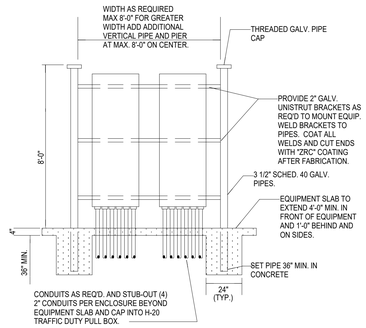


N

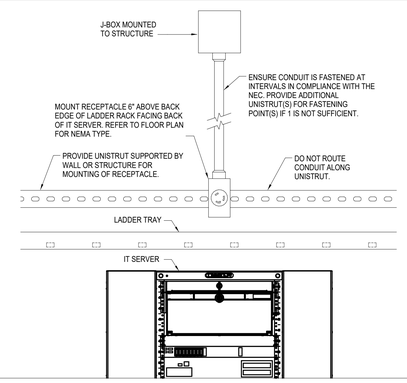
10 MULTI RECEPTACLES INSTALLATION DETAIL
Scale: 1/4" = 1'-0"



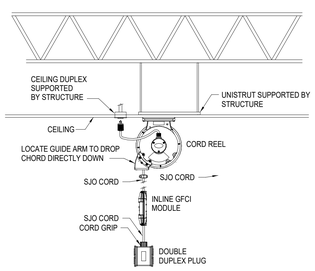
9 EDF POWER REQUIREMENTS
SCALE: NONE



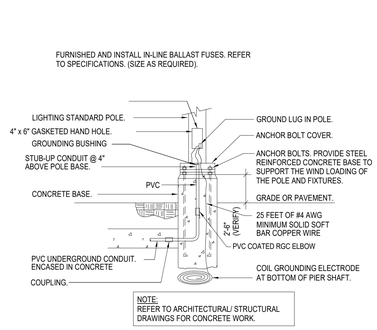
6 ELECTRICAL EQUIPMENT RACK DETAIL
SCALE: NONE



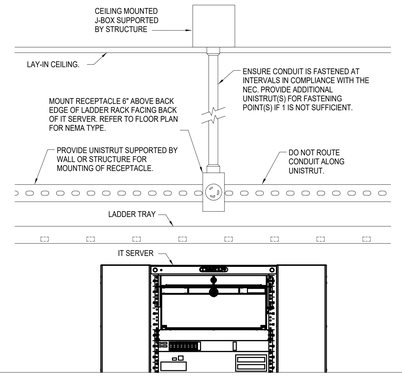
3 EXPOSED CEILING IDF/MDF RACK RECECPTACLES
SCALE: NONE



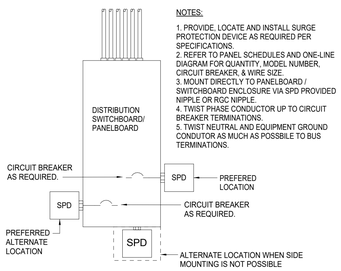
8 CEILING MOUNTED 120V CORD REEL
SCALE: NONE



5 SITE POLE BASE DETAIL
SCALE: NONE



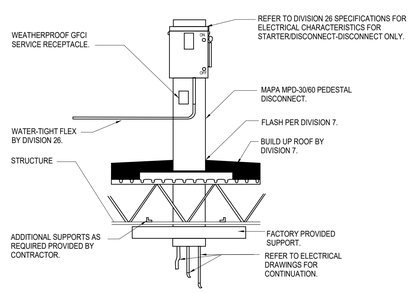
2 LAY-IN CEILING IDF/MDF RACK RECEPTACLES
SCALE: NONE



NOTES:
1. PROVIDE, LOCATE AND INSTALL SURGE PROTECTION DEVICE AS REQUIRED PER SPECIFICATIONS.
2. REFER TO PANEL SCHEDULES AND ONE-LINE DIAGRAM FOR QUANTITY, MODEL NUMBER, CIRCUIT BREAKER, & WIRE SIZE.
3. MOUNT DIRECTLY TO PANELBOARD / SWITCHBOARD ENCLOSURE VIA SPD PROVIDED NIPPLE OR RGC NIPPLE.
4. TWIST PHASE CONDUCTOR UP TO CIRCUIT BREAKER TERMINATIONS.
5. TWIST NEUTRAL AND EQUIPMENT GROUND CONDUTOR AS MUCH AS POSSIBLE TO BUS TERMINATIONS.

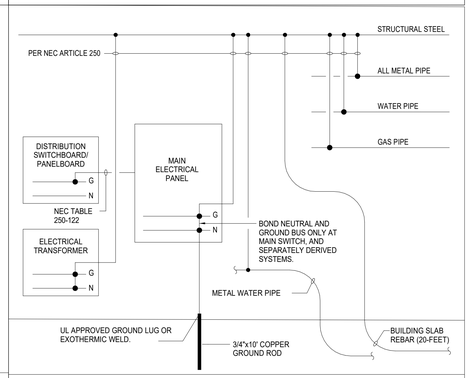
7 SURGE PROTECTION DEVICE DETAIL
SCALE: NONE

*REFER TO MECHANICAL DETAILS FOR RECEPTACLES AND DISCONNECTS SERVING DUCTLESS MINI-SPLIT CONDENSING UNITS



NOTES:
1. WATER TIGHT FLEX CONDUIT SHALL NOT RESTRICT FAN FROM ROTATING ON HINGE SUB-BASE FOR SERVICE TO DAMPERS AND DUCT CONNECTION. REFER TO DIVISION 26.

4 PREDESTAL MOUNT DISCONNECT/RECEPTACLE
SCALE: NONE



1 GROUNDING DETAIL
SCALE: NONE

SYMBOL SCHEDULE

SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)	
	LIGHT FIXTURE
	FIXTURE ON EMERGENCY CIRCUIT
	DOWNLIGHT FIXTURE
	LIGHT FIXTURE - WALL MOUNTED
	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT
	LIGHT FIXTURE - WALL MOUNTED ON EMERGENCY CIRCUIT
	EXIT LIGHT-CEILING MTD WITH DIRECTIONAL ARROWS AS REQUIRED
	EXIT LIGHT-WALL MTD WITH DIRECTIONAL ARROWS AS REQUIRED
SWITCHES	
$	LINE VOLTAGE SINGLE POLE SWITCH
$2	LINE VOLTAGE 2-POLE SWITCH
$3	LINE VOLTAGE 3-WAY SWITCH
$4	LINE VOLTAGE 4-WAY SWITCH
$K	LINE VOLTAGE KEYED SWITCH
$3K	LINE VOLTAGE KEYED 3-WAY SWITCH
$D	LINE VOLTAGE WALL DIMMER SWITCH, SIZE AND TYPE AS REQUIRED
$VD	LINE VOLTAGE WALL MOUNTED DIMMER SWITCH WITH VACANCY SENSOR. MANUAL ON / AUTO OFF.
$V	LINE VOLTAGE WALL MOUNTED SWITCH WITH VACANCY SENSOR. MANUAL ON / AUTO OFF.
$OC	LINE VOLTAGE WALL MOUNTED SWITCH WITH VACANCY SENSOR. AUTO ON / AUTO OFF.
$P	LINE VOLTAGE SWITCH WITH PILOT LIGHT
$MC	MOMENTARY CONTACT SWITCH
[B]	PUSH BUTTON
$TH	6-HOUR TIMER SWITCH WITH HOLD
$T	6-HOUR TIMER SWITCH WITH NO HOLD
	20 AMP GENERATOR TRANSFER DEVICE
LOW VOLTAGE LIGHTING CONTROLS	
$R	LOW VOLTAGE LIGHTING CONTROLLER WALL SWITCH
$B	BMCS TIMER LOCAL OVERRIDE SWITCH
	CEILING MOUNTED PHOTO SENSOR
	CEILING MOUNTED VACANCY SENSOR, MANUAL ON / AUTO OFF
	CEILING MOUNTED OCCUPANCY SENSOR, AUTO ON / AUTO OFF
	LIGHTING CONTROLLER WITH GTD. ZONES AS REQUIRED.
RECEPTACLES AND OUTLETS	
	SIMPLEX RECEPTACLE
	DUPLEX RECEPTACLE
	POWER POLE
	125/250 VOLT, 1 PHASE, 3-WIRE, 20 AMPS UNLESS NOTED OTHERWISE
	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE
	DOUBLE DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE IN 2-GANG BOX WITH SINGLE COVER PLATE
	DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
	FLUSH FLOOR CONCEALED SERVICE DUPLEX RECEPTACLE OUTLET
	FLUSH FLOOR CONCEALED SERVICE DOUBLE DUPLEX RECEPTACLE OUTLET
	CONCEALED SERVICE MULTI-ACCESS FLOOR BOX WITH WIRING DEVICES AS INDICATED ON DRAWINGS. SIZE TO MATCH DEVICE QUANTITIES.
R	REMOTE BLANK FACE GFCI DEVICE.
H	HAND DRYER
U	PROVIDE DUPLEX RECEPTACLE WITH (2) USB CHARGING PORTS.
CR	E.C. TO PROVIDE ROUGH-IN FOR CARD READER JUNCTION BOX. REFER TO TECHNOLOGY SHEETS FOR ADDITIONAL INFORMATION.
SR	SWITCH CONTROLLED RECEPTACLE WITH THE TOP RECEPTACLE LOAD CONTROLLED VIA PLUG LOAD SWITCH MEETING 2021 IECC 405.11 REQUIREMENTS. SPLIT LOAD-CONTROLLED RECEPTACLES SHALL BE PERMANENTLY FACTORY MARKED AS CONTROLLED.
MISCELLANEOUS EQUIPMENT	
FACP	FIRE ALARM CONTROL PANEL
ANNC	FIRE ALARM REMOTE ANNUCIATOR
[T]	TRANSFORMER FOR DOOR BELL/BUZZER
	CHIME/BUZZER
MOTOR CONTROLLERS AND EQUIPMENT	
	MOTOR, MAKE FINAL MOTOR CONNECTION
	3-PHASE MOTOR, MAKE FINAL MOTOR CONNECTION
	DISCONNECT SWITCH AS REQUIRED
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH AS REQUIRED
	MOTOR STARTER
M	MANUAL MOTOR SWITCH AS REQUIRED
	PREWIRED DEVICE, MAKE ELECTRICAL FINAL CONNECTIONS
	VARIABLE FREQUENCY DRIVE MOTOR CONTROLLER FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26
ELECTRICAL EQUIPMENT	
	ELECTRICAL DISTRIBUTION OR PANELBOARD
	DRY TYPE TRANSFORMER
CIRCUITING	
	CONDUIT
	CONDUIT BELOW FLOOR, SLAB, OR GRADE
SUBSCRIPTS AND ABBREVIATIONS	
WP	INDICATES WEATHERPROOF
WG	INDICATES WIREGUARD
H	INDICATES HORIZONTAL
TL	INDICATES TWIST LOCK
NL	LIGHT FIXTURE ON NIGHT LIGHT CIRCUIT
ERMS	ENERGY REDUCTION MAINTENANCE SWITCH
1-L	REFER TO ONE-LINE DIAGRAM
	INDICATES WALL MOUNTED DEVICE
•	NEXT TO ANY SYMBOL INDICATES FINAL ROUGH-IN FIELD COORDINATION BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES

GENERAL NOTES:
-ALL EXTERIOR BUILDING ELECTRICAL EQUIPMENT TO BE WEATHERPROOF NEMA-3R MINIMUM.

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
AW	JZ

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
ELECTRICAL DETAILS

SHEET NUMBER
E-700

LIGHTING FIXTURE SCHEDULE

Type Mark	CATALOG NUMBER		MOUNTING	LAMP TYPE	CCT	CRI	VOLTAGE	LOAD	REMARKS
	MANUFACTURER	MODEL							
A1	COOPER LIGHTING	24GR-LD5-48-F1-UNV-L840-CD1-U	RECESSED	4821L LED	4000 K	80	277 V	38 W	2'X4' LED CENTER BASKET TROFFER
B1	COOPER LIGHTING	22GR-LD5-40-F1-UNV-L840-CD1-U	RECESSED	4098L LED	4000 K	80	277 V	39 W	2'X2' LED CENTER BASKET TROFFER
BL	ALW	CRU4/WL-10-83-40-60-NN-07-83-40-20-NN-N-V10-1C-FINISH	WALL	1000L/700L LED	4000 K	80	277 V	15 W	EXTERIOR DECORATIVE UP/DOWN WALL MOUNTED CYLINDRICAL WALL SCONCE SUITABLE FOR WET LOCATION.
C1	COOPER LIGHTING	4SNLED-LD5-37SL-UNV-L840-CD1-U	SURFACE / PENDANT	3924L LED	4000 K	80	277 V	28 W	4' LINEAR STRIP LED WITH 0-10V DIMMING DRIVER
C2	COOPER LIGHTING	4SNLED-LD5-37SL-UNV-L840-CD1-U	SURFACE / PENDANT	3924L LED	4000 K	80	120 V	28 W	4' LINEAR STRIP LED WITH 0-10V DIMMING DRIVER
C3	COOPER LIGHTING	4VT3-LD5-4-G-UNV-L840-CD1-U	SURFACE	4428L LED	4000 K	80	277 V	32 W	4' LINEAR STRIP LED, VAPOR TITE, WITH 0-10V DIMMING DRIVER
D1	COOPER LIGHTING	PR6-FS12-D010	RECESSED	1575L LED	4000 K	80	277 V	12 W	6-INCH MEDIUM BEAM OPEN DOWNLIGHT WITH 0-10V DIMMING DRIVER (SUITABLE FOR WET LOCATIONS)
H1	COOPER LIGHTING	4SNLED-LD5-37SL-UNV-L840-CD1-U	SURFACE / PENDANT	3924L LED	4000 K	80	277 V	28 W	4' LINEAR STRIP LED WITH 0-10V DIMMING DRIVER
H2	COOPER LIGHTING	4SNLED-LD5-37SL-UNV-L840-CD1-U	SURFACE / PENDANT	3924L LED	4000 K	80	277 V	28 W	4' LINEAR STRIP LED WITH 0-10V DIMMING DRIVER
H3	COOPER LIGHTING	4SNLED-LD5-37SL-UNV-L840-CD1-U	SURFACE / PENDANT	3924L LED	4000 K	80	277 V	28 W	4' LINEAR STRIP LED WITH 0-10V DIMMING DRIVER
L1	ARCH LIGHTING WORKS (ALW)	LP1SD-S8-HI-80-4000K-V05-EXT/F-XX-UNV-N	SURFACE / PENDANT	4400L LED	4000 K	80	277 V	51 W	SUSPENDED LINEAR WITH 0-10V DIMMING DRIVER, CUSTOM LENGTH.
P1	COOPER LIGHTING	LD8B-50-D010TE	RECESSED	1575L LED	4000 K	80	277 V	30 W	6-INCH MEDIUM BEAM OPEN DOWNLIGHT.
S4	COOPER LIGHTING	PRV-C60-D-UNV-T2-SA WITH POLE#	POLE MOUNT 1 @ 90	22,645L LED	4000 K	80	277 V	612 W	POLE LIGHT 4 HEADS, TYPE III AREA LUMINAIRE. 30' SQUARE STEEL POLE
T1	COOPER LIGHTING	4SNLED-LD5-37SL-UNV-L840-CD1-U	SURFACE / PENDANT	3924L LED	4000 K	80	277 V	28 W	4' LINEAR STRIP LED WITH 0-10V DIMMING DRIVER
		MUSCO				0	277 V	500 W	MUSCO
W1	COOPER LIGHTING	WPMLED10	WALL	4700L LED	4000 K	80	277 V	41 W	MOUNT FIXTURE AT +14'-0" AFF
W2	COOPER LIGHTING	WPMLED10	WALL	4700L LED	4000 K	80	120 V	41 W	MOUNT FIXTURE AT +14'-0" AFF
W3	COOPER LIGHTING	GAW-SA1A-740-U-T3	WALL	4880L LED	4000 K	80	277 V	34 W	MOUNT FIXTURE ON WALL UNDER CANOPY.
X1	SURE-LITES	APX6R	UNIVERSAL	LED	N/A	80	277 V	5 W	UNIVERSAL LED EXIT SIGN WITH WHITE HOUSING, RED LETTERING

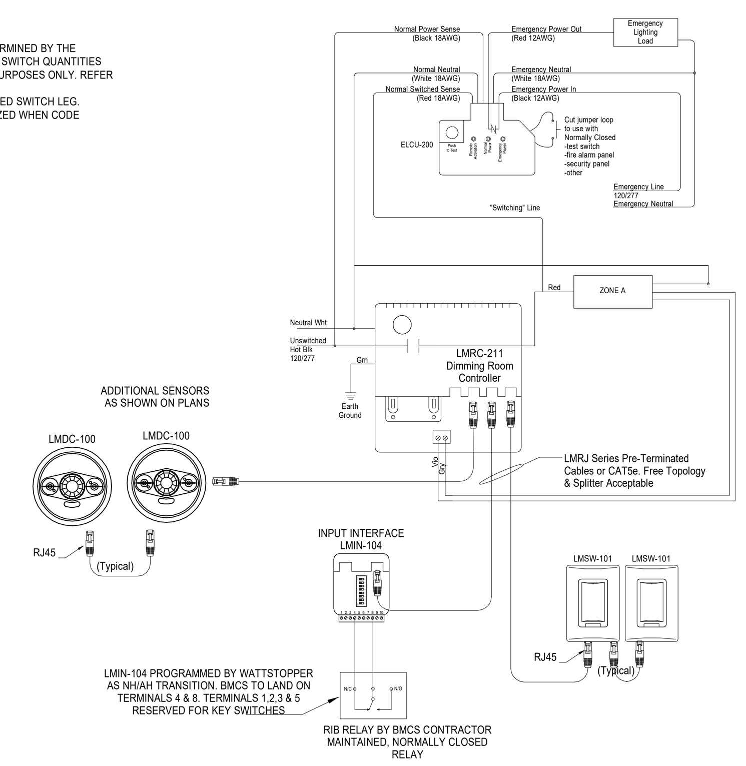
TYPICAL KITCHEN

ADJUST AND PROGRAM SYSTEM FOR SEQUENCE OF OPERATION:

1. CONTACT CLOSURE FROM BMCS, USING A DIRECT LOW VOLTAGE CONNECTION TO LMIN, TRIGGERS BMCS OCCUPIED OR BMCS UNOCCUPIED STATE.
2. LOCAL SWITCH SHALL TURN LIGHTS ON AND WILL REMAIN ON UNLESS TURNED OFF BY SWITCH OR UNTIL BMCS UNOCCUPIED STATE IN WHICH THE LIGHTS SHALL TURN OFF.
3. IN BMCS UNOCCUPIED STATE, OCCUPANCY SENSORS ACT AS AUTO ON/AUTO OFF. OCCUPANCY SENSOR SHALL BE SET TO TIME OUT WITHIN 20-MINUTES OF NO MOTION DETECTED.

NOTES:

1. FINAL QUANTITIES OF SENSORS AND SWITCHES SHALL BE DETERMINED BY THE ACTUAL SPACE AND ENERGY CODE REQUIREMENTS. SENSOR AND SWITCH QUANTITIES INDICATED ON THIS DETAIL ARE TYPICAL AND FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION.
2. PROVIDE (1) WATTSTOPPER ELCU-200 PER EMERGENCY POWERED SWITCH LEG.
3. THE USE OF DAYLIGHT SENSORS SHALL BE AVOIDED OR MINIMIZED WHEN CODE EXCEPTIONS CAN BE MET.



WALL DEVICES TO BE GRAY WITH NON-MAGNETIC STAINLESS STEEL FACEPLATES

Wattstopper Digital Lighting Management

TYPICAL CLASSROOM

ADJUST AND PROGRAM SYSTEM FOR SEQUENCE OF OPERATION:

1. SWITCHING SHALL BE IN MANUAL ON OPERATION OCCUPANCY SENSORS WILL TURN ALL LOADS OFF BASED ON OCCUPANCY.
2. LIGHTING SHALL TURN ON AT INITIAL SETPOINT OF 80% OUTPUT WITH A MINIMUM OF 30 FOOTCANDLES.
3. VACANCY SENSOR SHALL BE SET TO TIME OUT WITHIN 20 MINUTES OF NO MOTION DETECTED.

NOTES:

1. FINAL QUANTITIES OF SENSORS AND SWITCHES SHALL BE DETERMINED BY THE ACTUAL SPACE AND ENERGY CODE REQUIREMENTS. SENSOR AND SWITCH QUANTITIES INDICATED ON THIS DETAIL ARE TYPICAL AND FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION.
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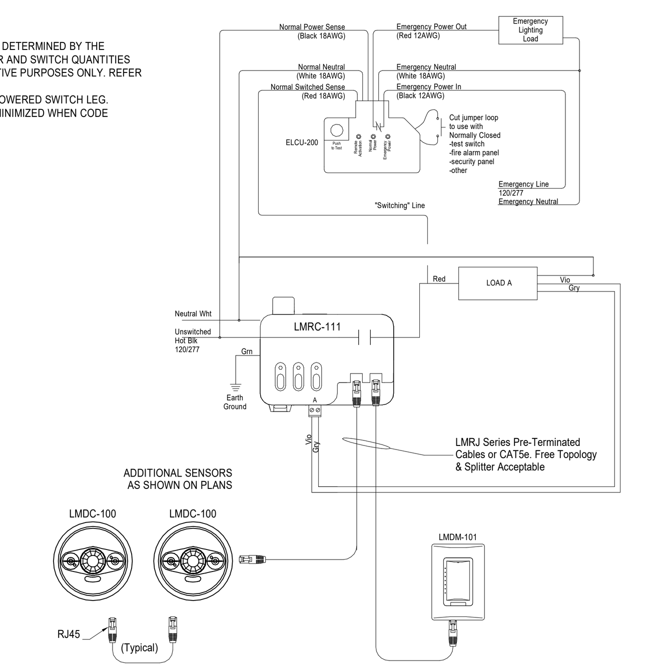

WALL DEVICES TO BE GRAY WITH NON-MAGNETIC STAINLESS STEEL FACEPLATES

Wattstopper Digital Lighting Management

TYPICAL SINGLE ZONE DIMMING

ADJUST AND PROGRAM SYSTEM FOR SEQUENCE OF OPERATION:

1. SWITCHING SHALL BE IN MANUAL ON OPERATION OCCUPANCY SENSORS WILL TURN ALL LOADS OFF BASED ON OCCUPANCY.
2. LIGHTING SHALL TURN ON AT INITIAL SETPOINT OF 80% OUTPUT WITH A MINIMUM OF 30 FOOTCANDLES.
3. VACANCY SENSOR SHALL BE SET TO TIME OUT WITHIN 20 MINUTES OF NO MOTION DETECTED.

NOTES:

1. FINAL QUANTITIES OF SENSORS AND SWITCHES SHALL BE DETERMINED BY THE ACTUAL SPACE AND ENERGY CODE REQUIREMENTS. SENSOR AND SWITCH QUANTITIES INDICATED ON THIS DETAIL ARE TYPICAL AND FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION.
2. PROVIDE (1) WATTSTOPPER ELCU-200 PER EMERGENCY POWERED SWITCH LEG.
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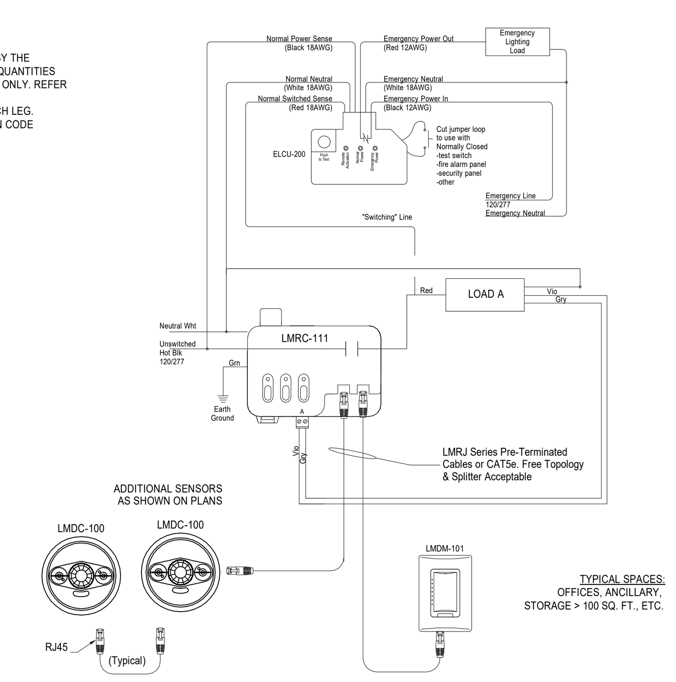

WALL DEVICES TO BE GRAY WITH NON-MAGNETIC STAINLESS STEEL FACEPLATES

Wattstopper Digital Lighting Management

TYPICAL CORRIDOR WITHOUT ENTRY KEYPAD

ADJUST AND PROGRAM SYSTEM FOR SEQUENCE OF OPERATION:

1. CONTACT CLOSURE FROM BMCS, USING A DIRECT LOW VOLTAGE CONNECTION TO LMIN, TRIGGERS OCCUPIED OR UNOCCUPIED STATE.
2. IN OCCUPIED STATE, ALL CORRIDOR LIGHTS SHALL TURN ON, CORRIDOR OCCUPANCY SENSORS ACT AS ON-ONLY SENSORS, ANY CORRIDOR OCCUPANCY SENSOR OR CORRIDOR KEY SWITCH SHALL TRIGGER ALL CORRIDOR DLM ROOM CONTROLLERS TO TURN LIGHTS ON AND WILL REMAIN ON UNTIL BMCS UNOCCUPIED STATE IN WHICH THE LIGHTS SHALL TURN OFF.
3. IN UNOCCUPIED STATE, OCCUPANCY SENSORS ACT AS AUTO ON/AUTO OFF. OCCUPANCY SENSOR SHALL BE SET TO TIME OUT WITHIN 20-MINUTES OF NO MOTION DETECTED.

NOTES:

1. FINAL QUANTITIES OF SENSORS AND SWITCHES SHALL BE DETERMINED BY THE ACTUAL SPACE AND ENERGY CODE REQUIREMENTS. SENSOR AND SWITCH QUANTITIES INDICATED ON THIS DETAIL ARE TYPICAL AND FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION.
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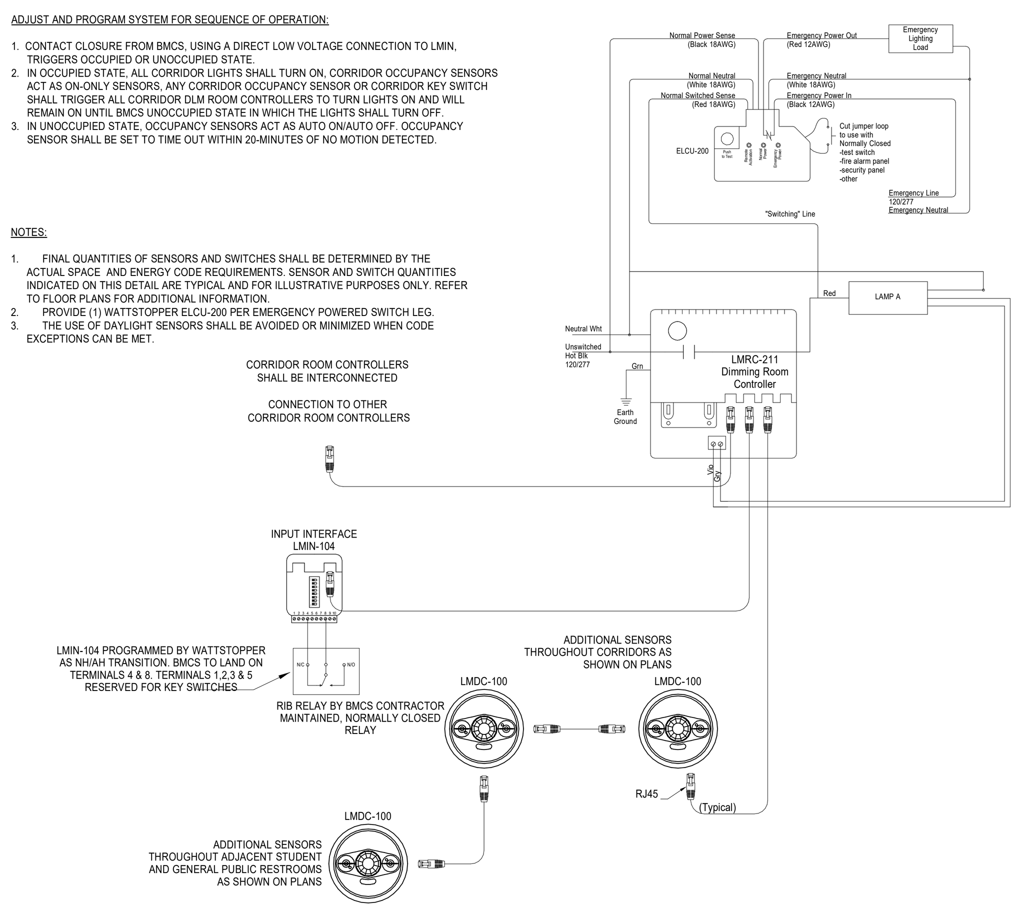
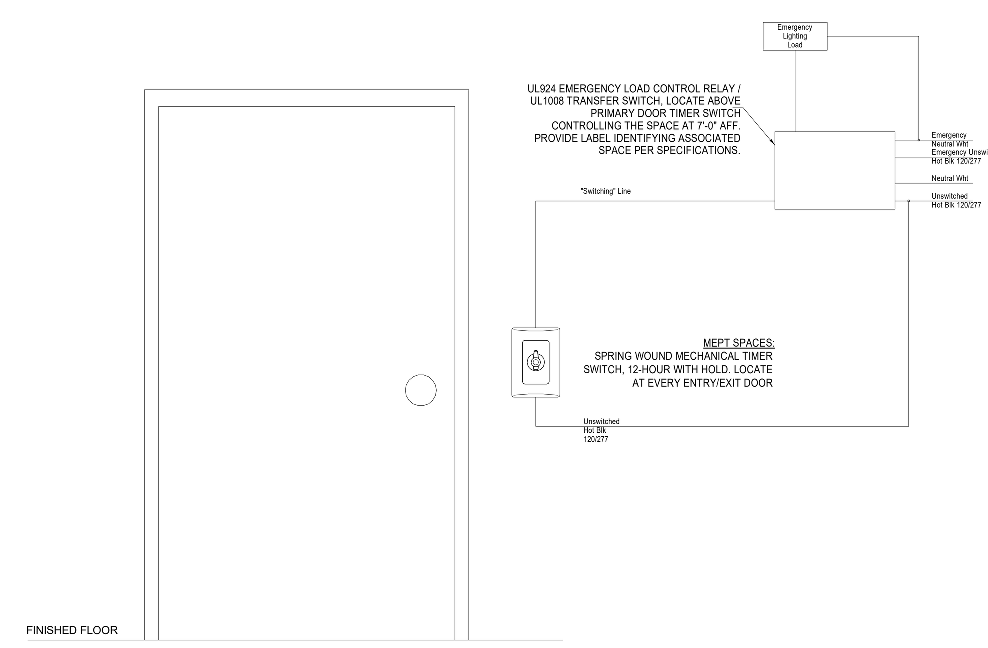


WALL DEVICES TO BE GRAY WITH NON-MAGNETIC STAINLESS STEEL FACEPLATES

Wattstopper Digital Lighting Management

TYPICAL MEPT SPACES



TYPICAL SINGLE ZONE

ADJUST AND PROGRAM SYSTEM FOR SEQUENCE OF OPERATION:

1. SWITCHING SHALL BE IN MANUAL ON OPERATION OCCUPANCY SENSORS WILL TURN ALL LOADS OFF BASED ON OCCUPANCY.
2. LIGHTING SHALL TURN ON AT INITIAL SETPOINT OF 80% OUTPUT WITH A MINIMUM OF 30 FOOTCANDLES.
3. VACANCY SENSOR SHALL BE SET TO TIME OUT WITHIN 20 MINUTES OF NO MOTION DETECTED.

NOTES:

1. FINAL QUANTITIES OF SENSORS AND SWITCHES SHALL BE DETERMINED BY THE ACTUAL SPACE AND ENERGY CODE REQUIREMENTS. SENSOR AND SWITCH QUANTITIES INDICATED ON THIS DETAIL ARE TYPICAL AND FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION.
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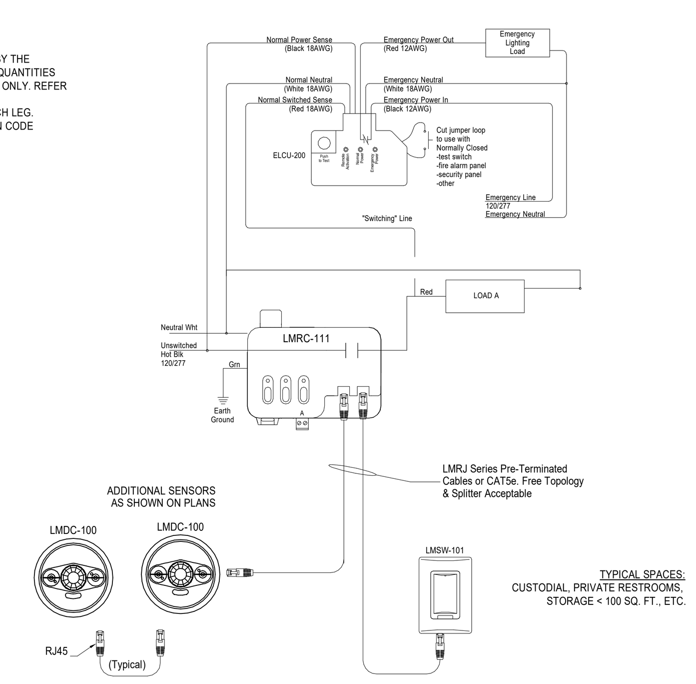


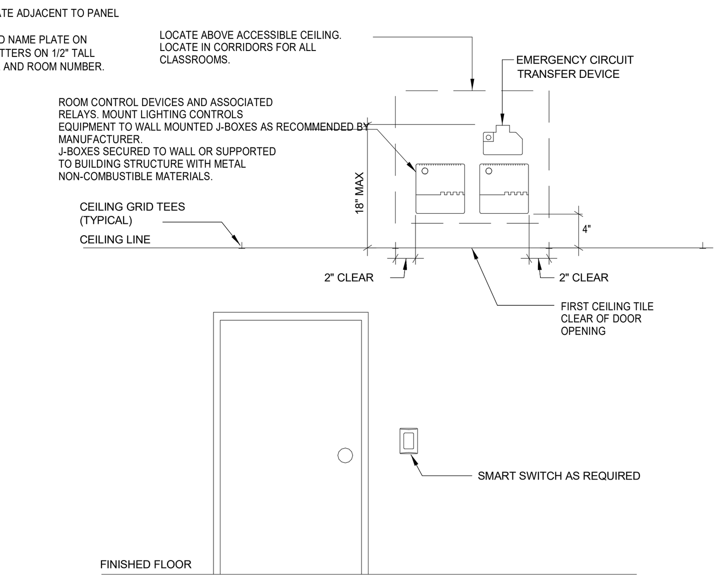
WALL DEVICES TO BE GRAY WITH NON-MAGNETIC STAINLESS STEEL FACEPLATES

Wattstopper Digital Lighting Management

TYPICAL MOUNTING DETAILS

NOTES:

1. LOCATE DIGITAL LIGHTING CONTROLLER AND/OR EMERGENCY LOAD CONTROL RELAY ABOVE ACCESSIBLE CEILING 12-FEET AFF OR BELOW, ADJACENT TO SWITCH CONTROLLING THE SPACE.
2. IN NON-ACCESSIBLE AND/OR HIGH CEILING AREAS, LOCATE DIGITAL LIGHTING CONTROLLER IN ADJACENT ANCILLARY AREA WITH ACCESSIBLE CEILING.
3. PROVIDE PLASTIC TAPE MACHINE TYPED NAME PLATE TO BOTTOM OF CEILING T-GRID BELOW RELAY LOCATION. WHITE LETTERS ON BLACK BACKGROUND WITH 1/4" HIGH LETTERS ON 1/2" TALL LABEL FOR DIGITAL MODULE, INDICATE AS: DLM AND ASSOCIATED SPACE AND ROOM NUMBER.
4. IN AREAS WITH NO CEILING AND/OR IN EXTERIOR APPLICATIONS LOCATE ADJACENT TO PANEL SERVING THE LOAD.
5. ON REMOTE DLM LOCATIONS, PROVIDE PLASTIC TAPE MACHINE TYPED NAME PLATE ON EQUIPMENT. WHITE LETTERS ON BLACK BACKGROUND WITH 1/4" HIGH LETTERS ON 1/2" TALL LABEL FOR DIGITAL MODULE, INDICATE AS: DLM AND ASSOCIATED SPACE AND ROOM NUMBER.



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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS • FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
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ORIGINAL ISSUE
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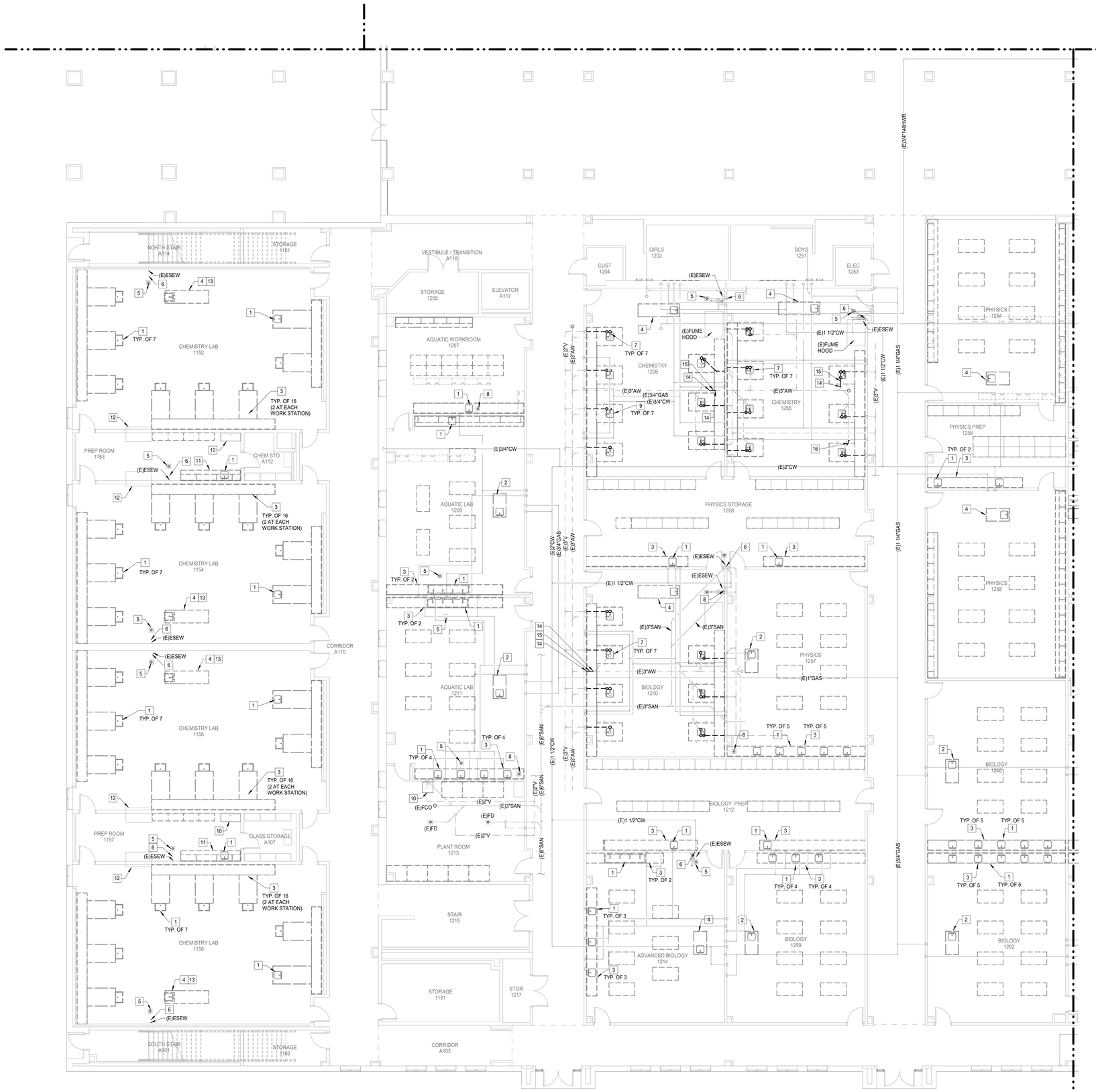
SHEET NAME
ELECTRICAL LIGHTING DETAILS

SHEET NUMBER
E-701



N

1 PLUMBING DEMOLITION FLOOR PLAN - LEVEL 01 - AREA B

Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1. EXISTING SINK TO BE REMOVED. CAP EXISTING UTILITIES (WASTE, VENT, WATER) IN WALL FOR CONNECTION OF NEW FIXTURE.
2. EXISTING TEACHER STATION INCLUDING EMERGENCY EYE/FACE WASH TO BE REMOVED. EXISTING UTILITIES (WASTE. VENT. WATER. GAS) ABOVE SLAB AND BELOW ROOF WHICH SERVES TEACHER WORKSTATION TO REMAIN AND BE REUSED FOR NEW FIXTURE TO BE INSTALLED.
3. EXISTING GAS COCKS TO BE REMOVED. CAP GAS PIPING AT WALL FOR CONNECTION OF NEW FIXTURE.
4. EXISTING TEACHER STATION TO BE REMOVED. EXISTING UTILITIES (WASTE. VENT. WATER. GAS) ABOVE SLAB AND BELOW ROOF WHICH SERVES TEACHER WORKSTATION TO REMAIN AND BE REUSED FOR NEW FIXTURE TO BE INSTALLED.
5. EXISTING FLOOR DRAIN TO REMAIN.
6. EXISTING EMERGENCY SHOWER/EYEWASH TO REMAIN.
7. EXISTING SINK TO BE REMOVED. REMOVE SANITARY TO BELOW SLAB AND CAP. REMOVE VENT, CW, AND GAS BACK TO WALL. CAP FOR CONNECTION OF NEW PIPING.
8. EXISTING FLOOR DRAIN AND PIPING TO REMAIN.
9. EXISTING SINK TO BE REMOVED. CAP EXISTING UTILITIES (WASTE, VENT, WATER, GAS) IN WALL FOR CONNECTION OF NEW FIXTURE.
10. EXISTING SINK TO REMAIN.
11. CONTRACTOR TO DISCONNECT EXISTING DISHWASHER FROM EXISTING UTILITIES. REFER TO ARCHITECTURAL DRAWINGS FOR PRESERVATION OF EQUIPMENT.
12. EXISTING FUME HOOD TO REMAIN.
13. EXISTING EMERGENCY OFF BUTTON TO BE REMOVED AND PRESERVED FOR REINSTALLING AT NEW CASEWORK.
14. REMOVE EXISTING ACID WASTE BACK TO THIS POINT.
15. EXISTING ACID WASTE TO BE REMOVED.
16. EXISTING ELBOW TO BE REMOVED.

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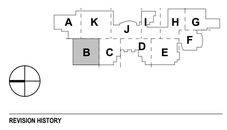
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

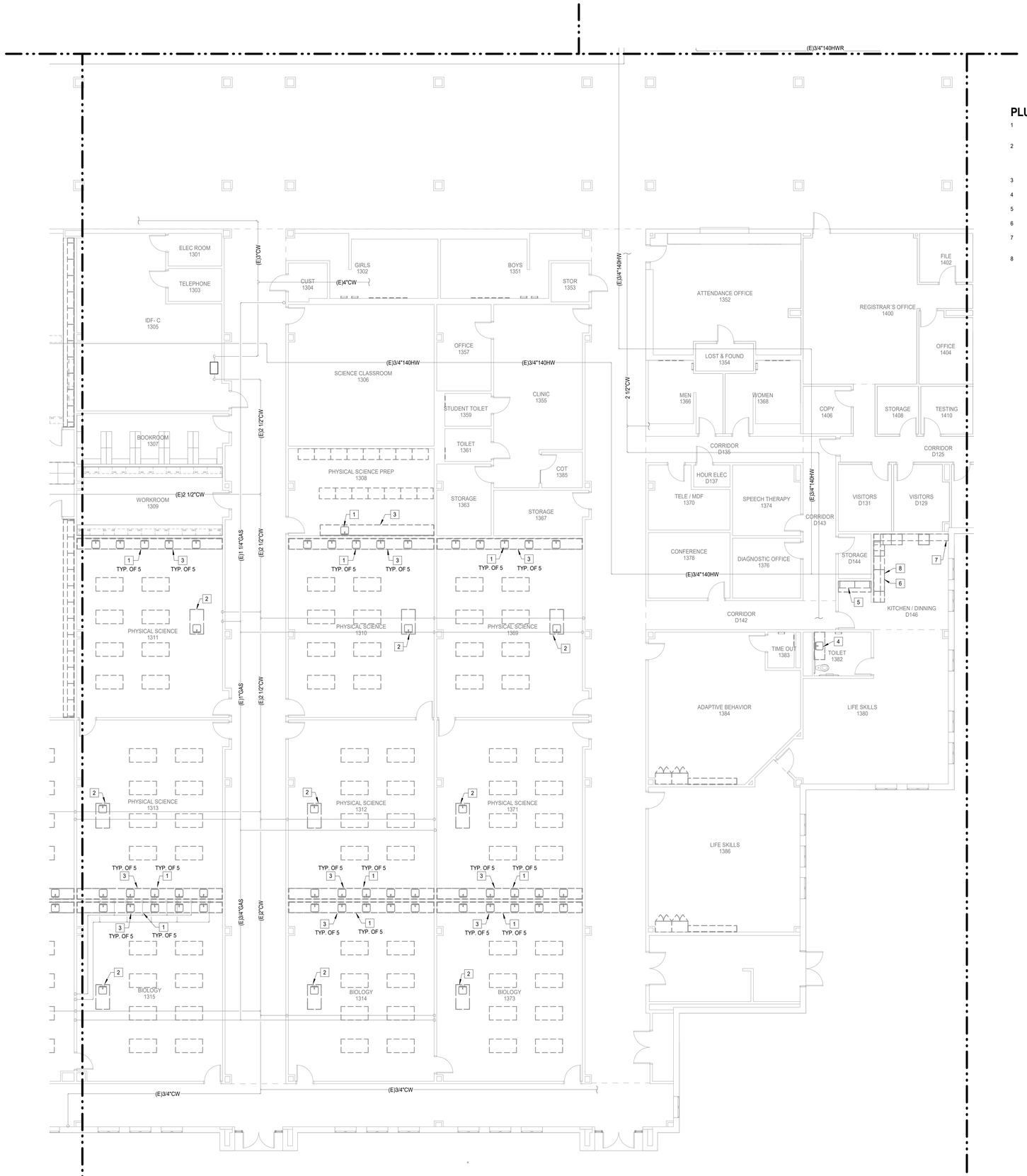
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA B

SHEET NUMBER
P-001-B



N

1 **PLUMBING DEMOLITION FLOOR PLAN - LEVEL 01 - AREA C**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1. EXISTING SINK TO BE REMOVED. CAP EXISTING UTILITIES (WASTE, VENT, WATER) IN WALL FOR CONNECTION OF NEW FIXTURE.
2. EXISTING TEACHER STATION INCLUDING EMERGENCY EYE/FACE WASH TO BE REMOVED. EXISTING UTILITIES (WASTE, VENT, WATER, GAS) ABOVE SLAB AND BELOW ROOF WHICH SERVES TEACHER WORKSTATION TO REMAIN AND BE REUSED FOR NEW FIXTURE TO BE INSTALLED.
3. EXISTING GAS COCKS TO BE REMOVED. CAP GAS PIPING AT WALL FOR CONNECTION OF NEW FIXTURE.
4. EXISTING LAVATORY TO BE REMOVED AND REPLACED. CAP UTILITIES FOR FUTURE CONNECTION.
5. EXISTING CLOTHES WASHER AND DRYER TO BE REMOVED AND PRESERVED FOR REINSTALL. DISCONNECT AND CAP UTILITIES.
6. EXISTING SINK TO BE REMOVED AND REPLACED. CAP UTILITIES FOR FUTURE CONNECTION.
7. CONTRACTOR TO DISCONNECT EXISTING REFRIDGERATOR FROM EXISTING UTILITIES. REFER TO ARCHITECTURAL DRAWINGS FOR PRESERVATION OF EQUIPMENT.
8. CONTRACTOR TO DISCONNECT EXISTING DISHWASHER FROM EXISTING UTILITIES. REFER TO ARCHITECTURAL DRAWINGS FOR PRESERVATION OF EQUIPMENT.

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Project No: 2023-05942-00

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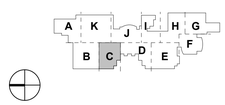


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

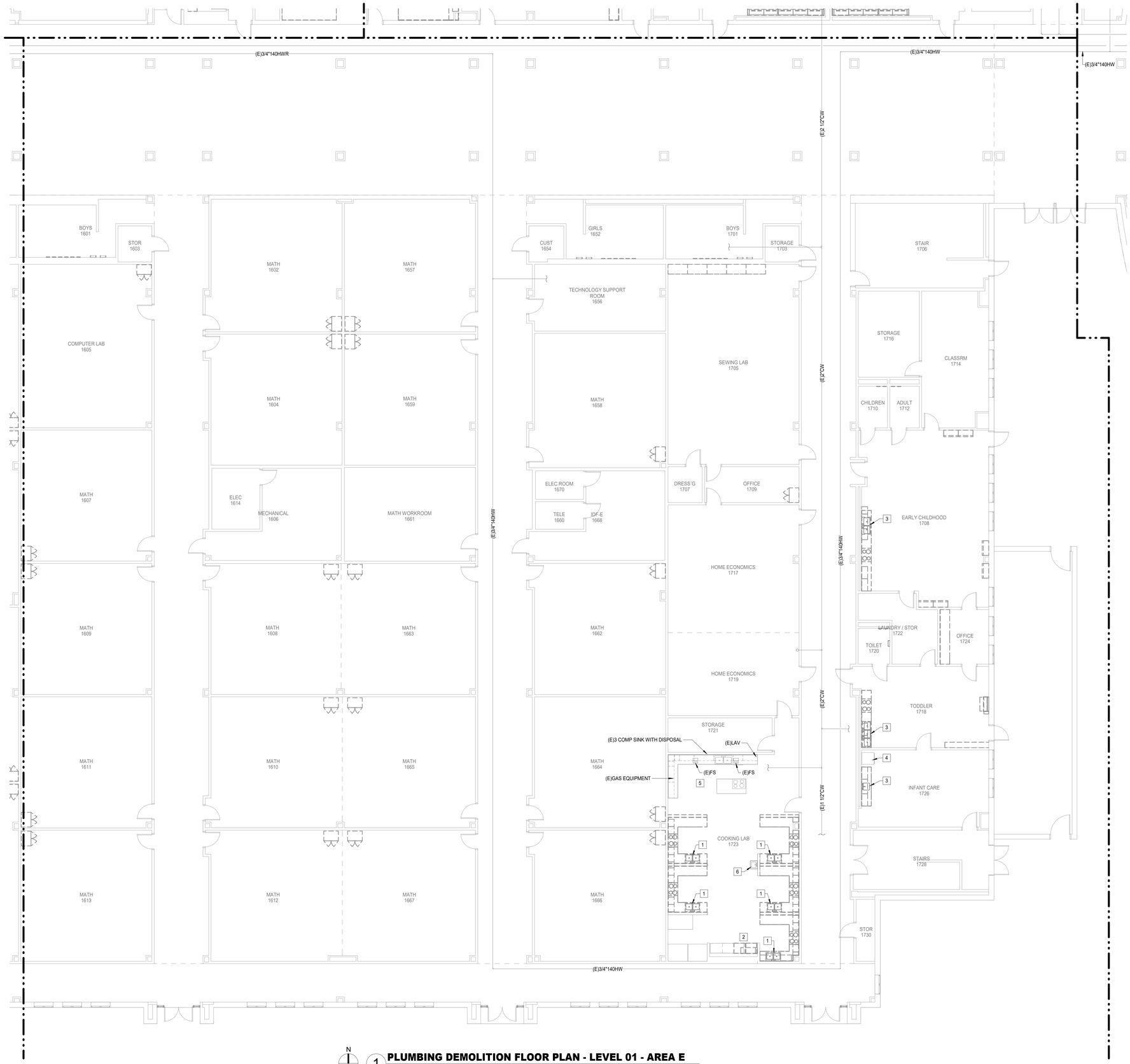
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA C

SHEET NUMBER
P-002-C



N

1 **PLUMBING DEMOLITION FLOOR PLAN - LEVEL 01 - AREA E**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1. EXISTING SINK AND DISPOSAL TO BE REMOVED. CAP EXISTING UTILITIES (WASTE, VENT, WATER) IN WALL FOR CONNECTION OF NEW FIXTURE.
2. CONTRACTOR TO DISCONNECT EXISTING CLOTHES WASHER FROM EXISTING UTILITIES. REFER TO ARCHITECTURAL DRAWINGS FOR PRESERVATION OF EQUIPMENT.
3. EXISTING SINK TO BE REMOVED. CAP EXISTING UTILITIES (WASTE, VENT, WATER) IN WALL FOR CONNECTION OF NEW FIXTURE.
4. CONTRACTOR TO DISCONNECT EXISTING REFRIDGERATOR FROM EXISTING UTILITIES. REFER TO ARCHITECTURAL DRAWINGS FOR PRESERVATION OF EQUIPMENT.
5. EXISTING GAS EQUIPMENT, 3 COMPARTMENT SINK, LAVATORY, DISPOSAL, ETC. IN COOKING SPACE TO REMAIN.
6. EXISTING LAVATORY TO REMAIN.

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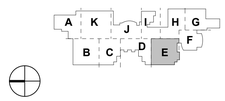
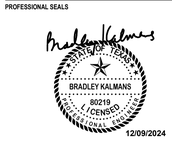


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	CHECKED BY
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA E

SHEET NUMBER
P-003-E

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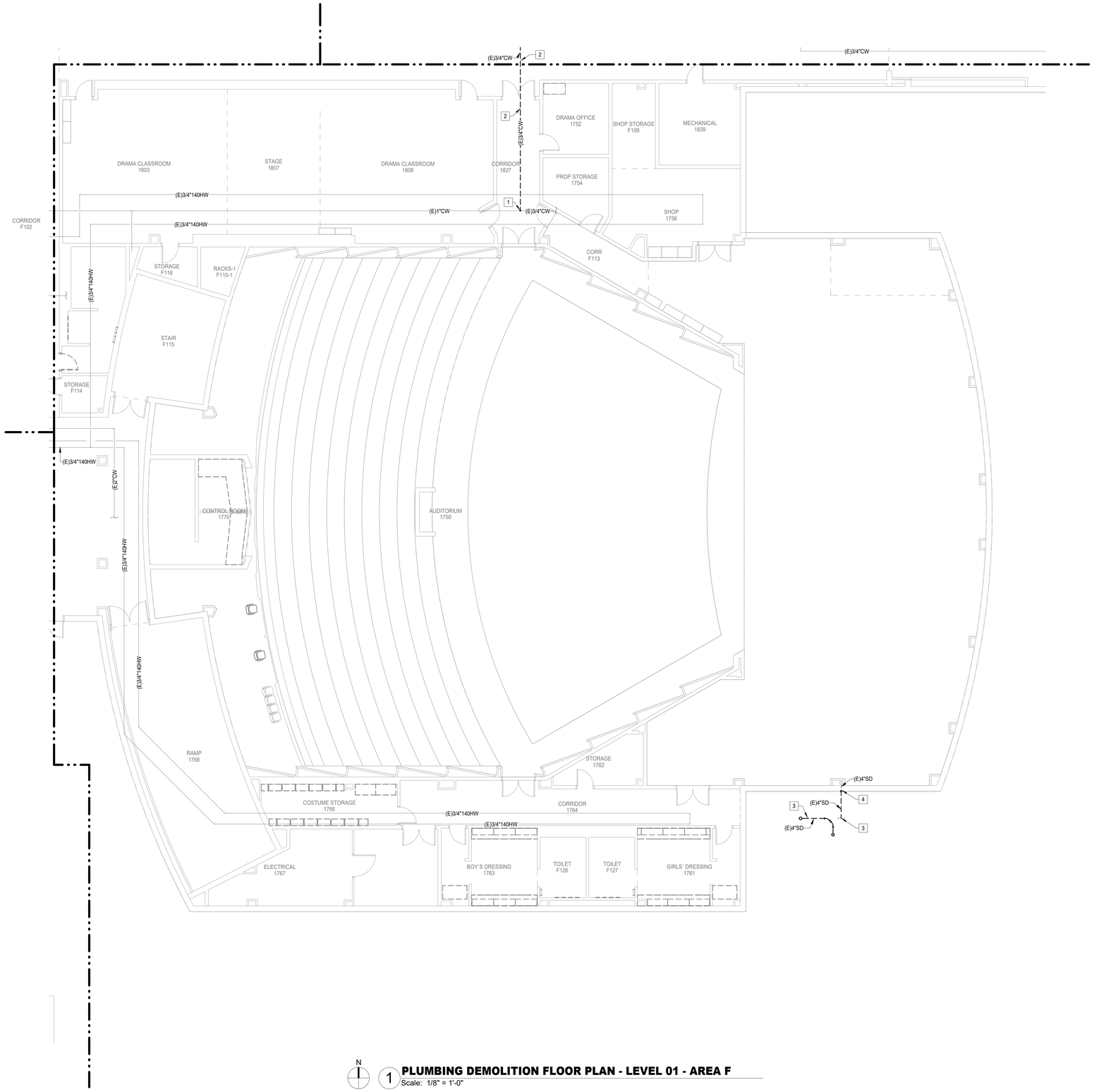
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00



N

1 **PLUMBING DEMOLITION FLOOR PLAN - LEVEL 01 - AREA F**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1. REMOVE EXISTING CW BACK TO THIS POINT.
2. EXISTING CW TO BE REMOVED.
3. EXISTING STORM TO BE REMOVED.
4. REMOVE EXISTING STORM BACK TO THIS POINT.

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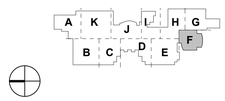

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

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CYPRESS • FAIRBANKS
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PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F

SHEET NUMBER
P-004-F

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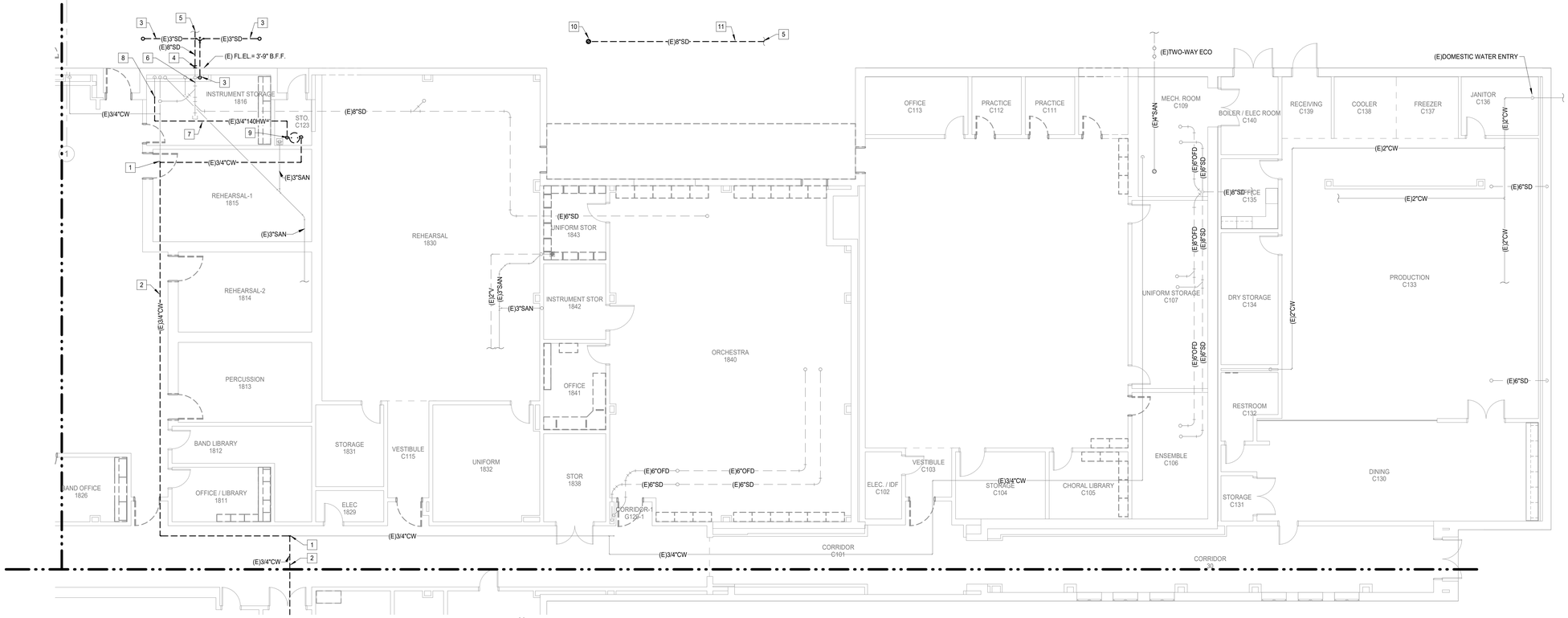
Registration: F-4111
Project No: 2023-05942-00

PLUMBING KEYED NOTES

1. REMOVE EXISTING CW BACK TO THIS POINT.
2. EXISTING CW TO BE REMOVED.
3. EXISTING STORM TO BE REMOVED.
4. REMOVE EXISTING STORM BACK TO THIS POINT.
5. EXISTING STORM TO BE REMOVED. REFER TO CIVIL FOR ADDITIONAL INFORMATION.
6. EXISTING STORM PIPING TO REMAIN.
7. EXISTING HW TO BE REMOVED.
8. REMOVE EXISTING HW BACK TO THIS POINT.
9. EXISTING ELECTRIC WATER HEATER TO BE REMOVED AND REPLACED. REMOVE CW AND HW PIPING BACK TO POINT INDICATED. EXISTING FLOOR SINK TO REMAIN.
10. EXISTING CLEANOUT TO BE REMOVED.
11. EXISTING STORM PIPING TO BE REMOVED. REFER TO CIVIL PLANS FOR ADDITIONAL INFORMATION.



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1 **PLUMBING DEMOLITION FLOOR PLAN - LEVEL 01 - AREA G**
Scale: 1/8" = 1'-0"

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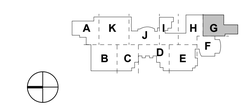

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
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LICENSED
PROFESSIONAL ENGINEER
12/09/2024

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
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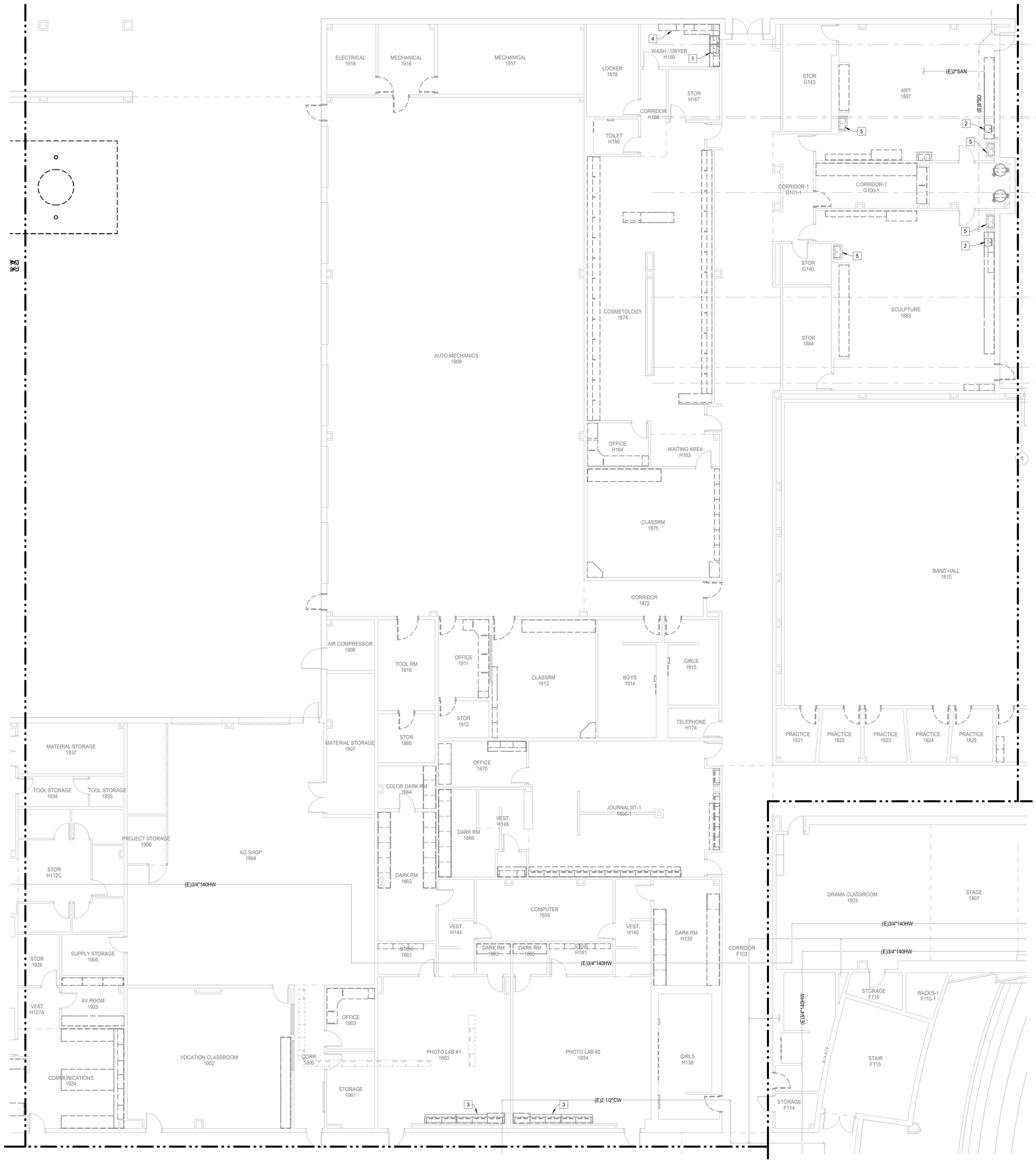
SHEET NAME
PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA G

SHEET NUMBER
P-005-G



PLUMBING KEYED NOTES

1. EXISTING SINK TO BE REMOVED. CAP EXISTING UTILITIES (WASTE, VENT, WATER) IN WALL FOR CONNECTION OF NEW FIXTURE.
2. EXISTING SINK TO BE REMOVED AND REPLACED. CAP EXISTING UTILITIES (WASTE, VENT, WATER) AT WALL FOR CONNECTION OF NEW FIXTURE. REMOVE EXISTING SOLIDS INTERCEPTOR.
3. EXISTING SINKS AND EMERGENCY EYEWASH ALONG WALL TO REMAIN.
4. CONTRACTOR TO DISCONNECT EXISTING CLOTHES WASHER FROM EXISTING UTILITIES. REFER TO ARCHITECTURAL DRAWINGS FOR PRESERVATION OF EQUIPMENT.
5. EXISTING SINK TO REMAIN.

N

1 **PLUMBING DEMOLITION FLOOR PLAN - LEVEL 01 - AREA H**
Scale: 1/8" = 1'-0"

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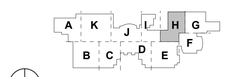

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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80219
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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
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7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
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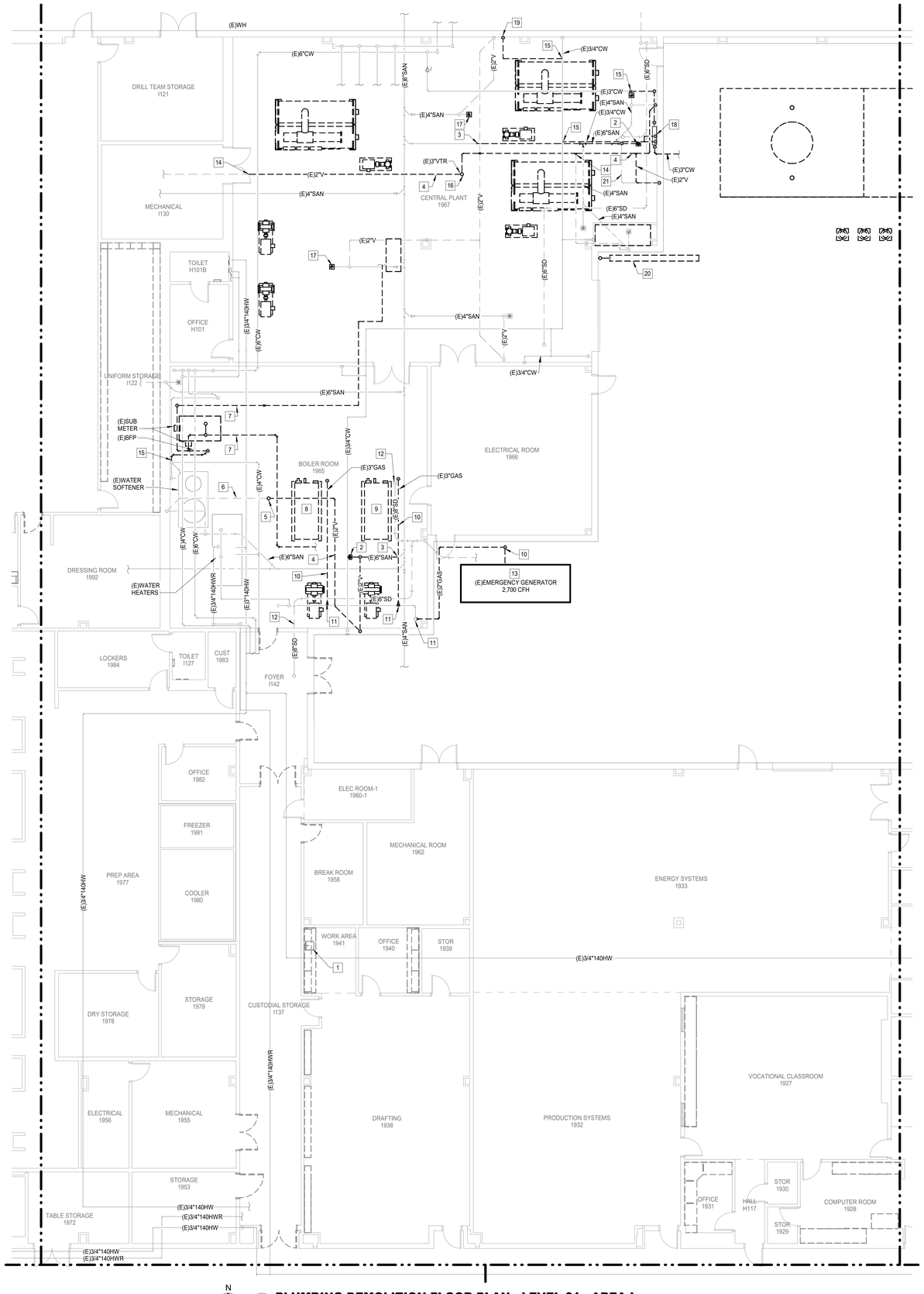
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA H

SHEET NUMBER
P-006-H



N

1 **PLUMBING DEMOLITION FLOOR PLAN - LEVEL 01 - AREA I**
Scale: 1/8" = 1'-0"

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Registration: F-4111
Project No: 2023-05942-00

PLUMBING KEYED NOTES

1. EXISTING SINK TO BE REMOVED AND REPLACED. CAP UTILITIES FOR FUTURE CONNECTION.
2. EXISTING FLOOR DRAIN/SINK TO BE REMOVED. REMOVE SANITARY BACK TO POINT INDICATED.
3. REMOVE EXISTING SANITARY BACK TO THIS POINT.
4. EXISTING VENT TO BE REMOVED.
5. EXISTING 2" VTR TO BE REMOVED.
6. EXISTING VENT PIPING TO REMAIN.
7. EXISTING PIPING TO BE REMOVED BACK TO SUB METER. PREPARE FOR CONNECTION OF NEW PIPING.
8. EXISTING BOILER TO BE REMOVED. REMOVE GAS PIPING BACK TO 4" MAIN AND CAP AND SEAL.
9. EXISTING BOILER TO BE REMOVED. REMOVE GAS PIPING BACK TO 4" MAIN INCLUDING REDUCING TEE. PREPARE FOR CONNECTION OF NEW PIPING.
10. EXISTING GAS TO BE REMOVED.
11. REMOVE EXISTING GAS BACK TO THIS POINT.
12. EXISTING STORM PIPING TO REMAIN.
13. EMERGENCY GENERATOR TO BE REMOVED AND REPLACED. REMOVE GAS PIPING BACK TO THE WALL. PREPARE FOR CONNECTION OF NEW PIPING.
14. REMOVE EXISTING VENT BACK TO THIS POINT.
15. REMOVE EXISTING CW BACK TO THIS POINT.
16. EXISTING 3" VTR TO BE REMOVED.
17. EXISTING FLOOR SINK TO BE REMOVED. CAP SANITARY BELOW SLAB.
18. EXISTING BACKFLOW PREVENTER TO BE REMOVED AND REPLACED. REMOVE MAKEUP WATER PIPING AND COLD WATER BACK TO POINT INDICATED.
19. EXISTING CW TO BE REMOVED.
20. EXISTING GAS METER TO BE REMOVED AND REPLACED. CONTRACTOR TO COORDINATE WITH CENTERPOINT. REMOVE EXISTING 4" PIPING TO POINT INDICATED ON ROOF.
21. EXISTING VENT PIPING BELOW SLAB TO BE ABANDONED AND CAPPED.

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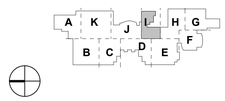
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
STATE OF TEXAS
80219
LICENSED
12/09/2024

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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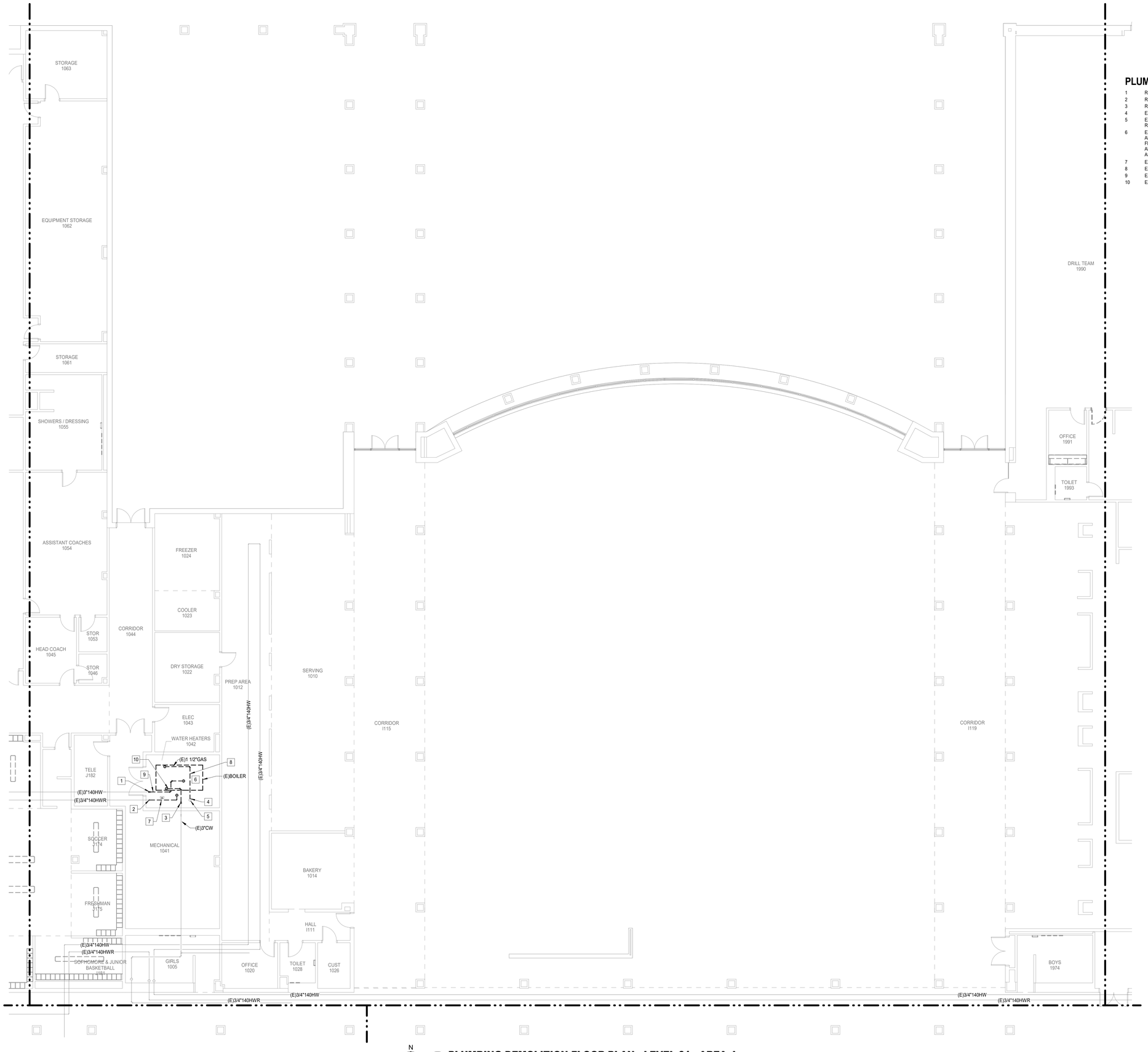
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA I

SHEET NUMBER
P-007-I



N

1 **PLUMBING DEMOLITION FLOOR PLAN - LEVEL 01 - AREA J**
Scale: 1/8" = 1'-0"

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Registration: F-4111
Project No: 2023-05942-00

PLUMBING KEYED NOTES

1. REMOVE EXISTING HW BACK TO THIS POINT.
2. REMOVE EXISTING HWR BACK TO THIS POINT.
3. REMOVE EXISTING CW BACK TO THIS POINT.
4. EXISTING GAS PIPING TO BE REMOVED BACK TO ELBOW.
5. EXISTING GAS PENETRATION AND PIPE FROM ROOF TO REMAIN.
6. EXISTING BOILER TO BE REMOVED. REMOVE CW, HW, HWR AND GAS PIPING BACK TO POINT INDICATED. EXISTING FLOOR SINK TO REMAIN. EXISTING CIRCULATION PUMP AND EXPANSION TANK TO BE REMOVED. REMOVED ASSOCIATED
7. EXISTING HWR TO BE REMOVED.
8. EXISTING GAS TO BE REMOVED.
9. EXISTING HW TO BE REMOVED.
10. EXISTING CW TO BE REMOVED.

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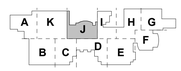
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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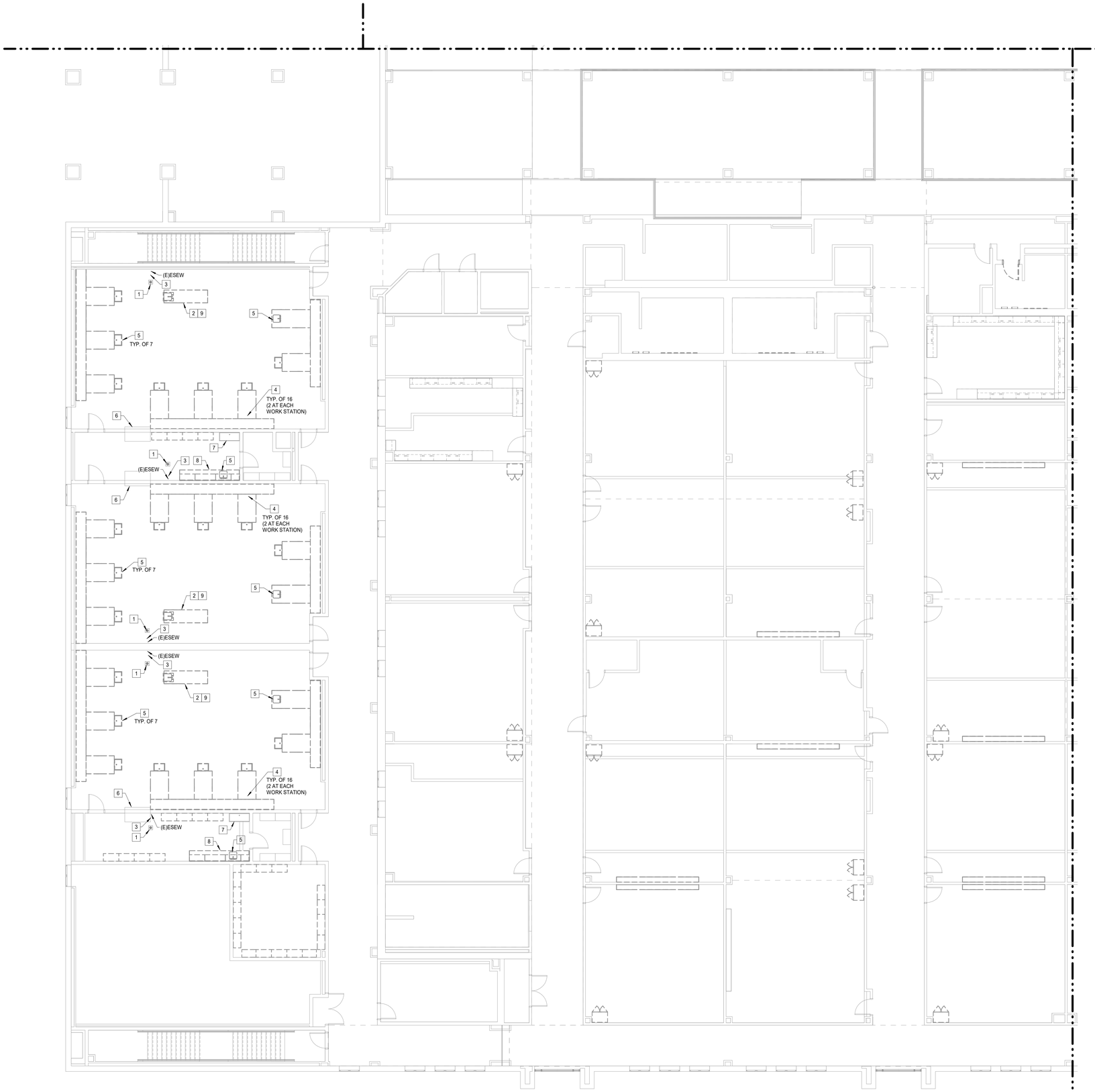
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - AREA J

SHEET NUMBER
P-008-J



PLUMBING KEYED NOTES

1. EXISTING FLOOR DRAIN TO REMAIN.
2. EXISTING TEACHER STATION TO BE REMOVED. EXISTING UTILITIES (WASTE, VENT, WATER, GAS) ABOVE SLAB AND BELOW ROOF WHICH SERVES TEACHER WORKSTATION TO REMAIN AND BE REUSED FOR NEW FIXTURE TO BE INSTALLED.
3. EXISTING EMERGENCY SHOWER/EYEWASH TO REMAIN.
4. EXISTING GAS COCKS TO BE REMOVED. CAP GAS PIPING AT WALL FOR CONNECTION OF NEW FIXTURE.
5. EXISTING SINK TO BE REMOVED. CAP EXISTING UTILITIES (WASTE, VENT, WATER) IN WALL FOR CONNECTION OF NEW FIXTURE.
6. EXISTING FUME HOOD TO REMAIN.
7. EXISTING SINK TO REMAIN.
8. EXISTING DISHWASHER TO BE REMOVED AND PRESERVED FOR REINSTALL IN NEW CASEWORK. CAP EXISTING WATER CONNECTION AT WALL.
9. EXISTING EMERGENCY OFF BUTTON TO BE REMOVED AND PRESERVED FOR REINSTALLING AT NEW CASEWORK.

N

1 **PLUMBING DEMOLITION FLOOR PLAN - LEVEL 02 - AREA B**
Scale: 1/8" = 1'-0"

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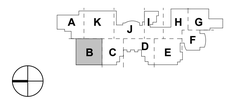

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
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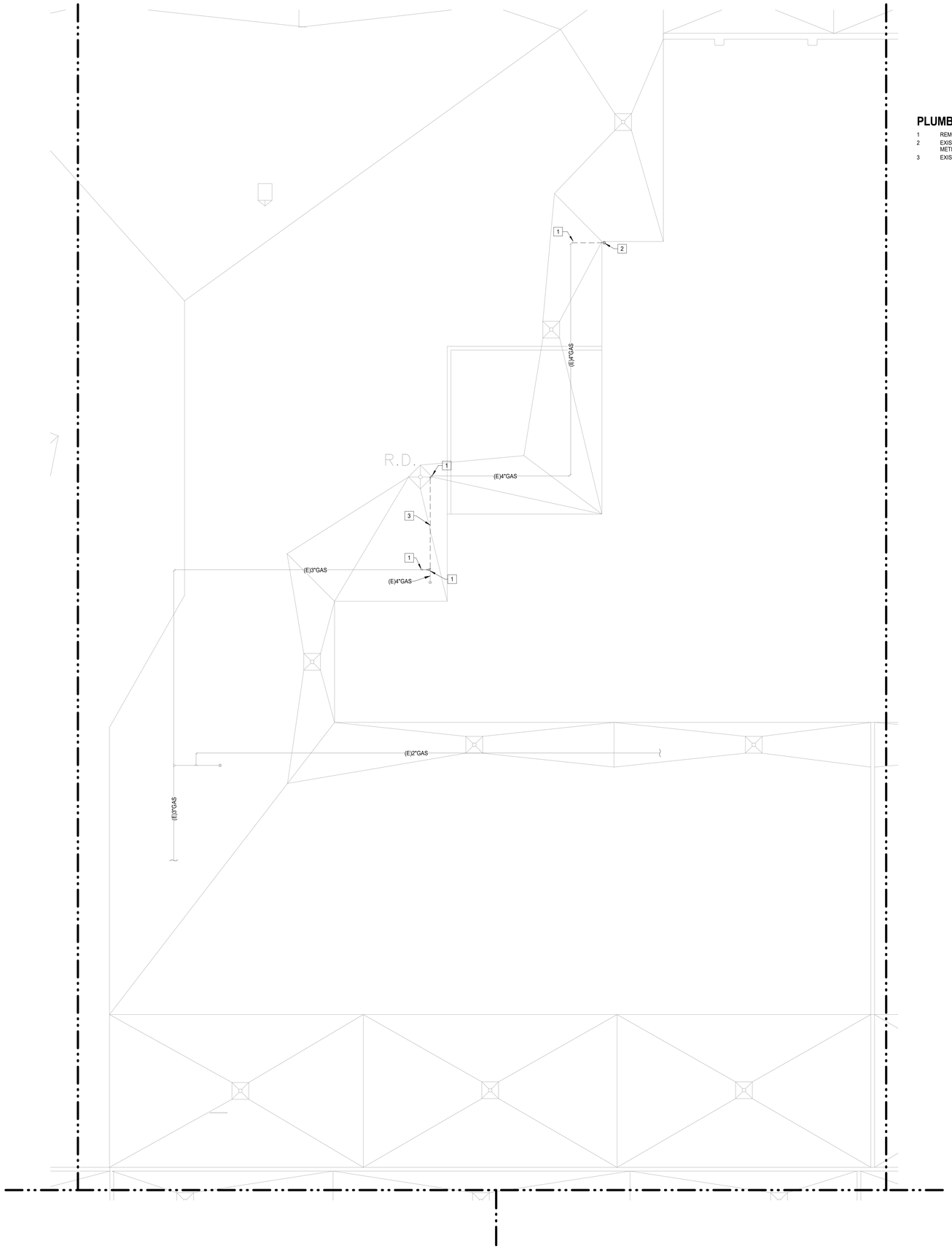
SHEET NAME
PLUMBING DEMOLITION FLOOR PLAN - LEVEL 2 - AREA B

SHEET NUMBER
P-009-B



N

1 **PLUMBING DEMOLITION ROOF PLAN - AREA I**
Scale: 1/8" = 1'-0"

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PLUMBING KEYED NOTES

1. REMOVE EXISTING GAS BACK TO THIS POINT.
2. EXISTING GAS PIPING TO BE REMOVED BACK TO EXISTING GAS METER.
3. EXISTING GAS TO BE REMOVED.

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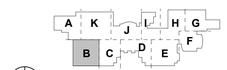

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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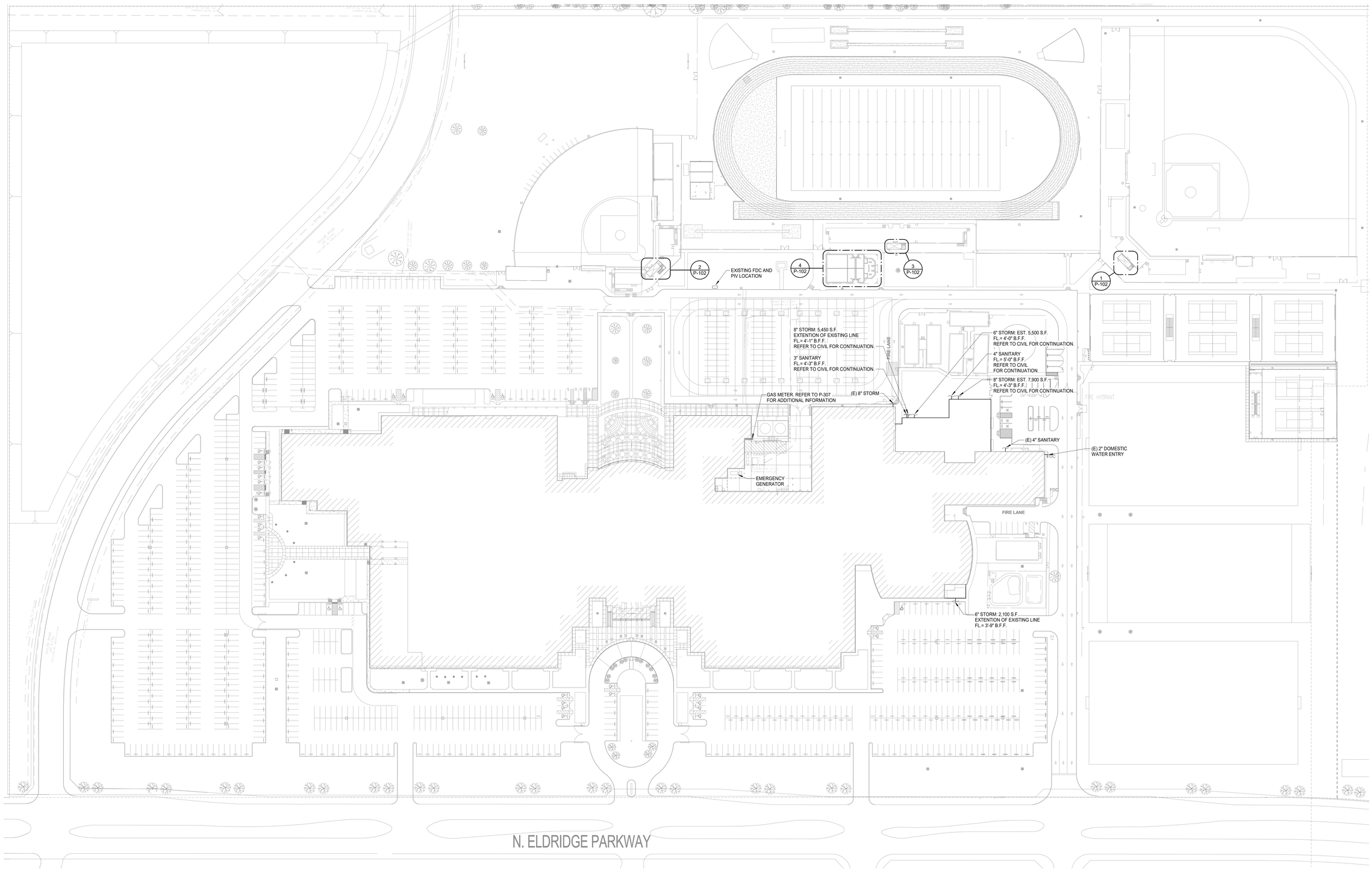
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DEMOLITION ROOF PLAN - AREA I

SHEET NUMBER
P-010-I



N

1 **PLUMBING SITE PLAN**
Scale: 1" = 60'-0"

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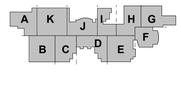
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
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12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
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ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

PLUMBING SITE PLAN

SHEET NUMBER

P-101

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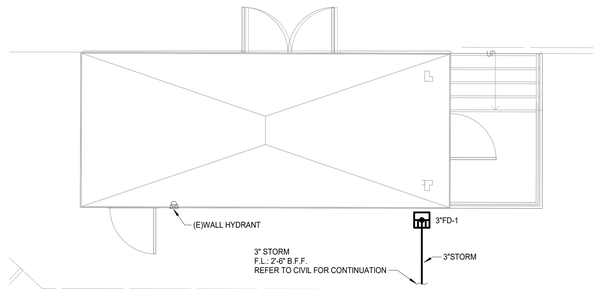
Registration: F-4111
Project No: 2023-05942-00

PLUMBING KEYED NOTES

1 EXISTING ICE MACHINE TO BE REPLACED. REMOVE FILTERS AND COLD WATER SUPPLY BACK TO SHUTOFF VALVE. PROVIDE AND RECONNECT COLD WATER TO IMC-1 FOR NEW ICE MACHINE. ROUTE DRAIN LINE TO EXISTING FLOOR DRAIN.



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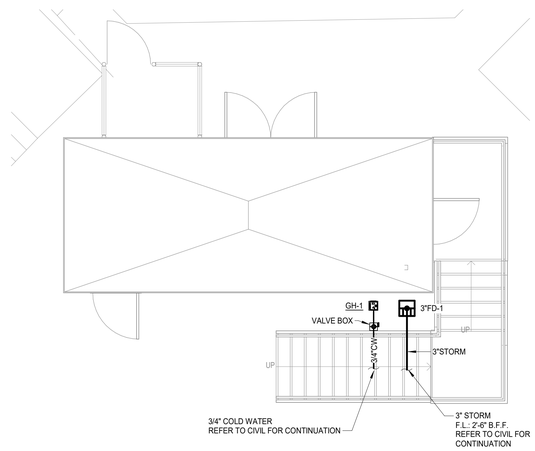
3 **PLUMBING ENLARGED SITE PLAN - FOOTBALL PRESSBOX**
Scale: 1/4" = 1'-0"



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2 **PLUMBING ENLARGED SITE PLAN - SOFTBALL PRESSBOX**
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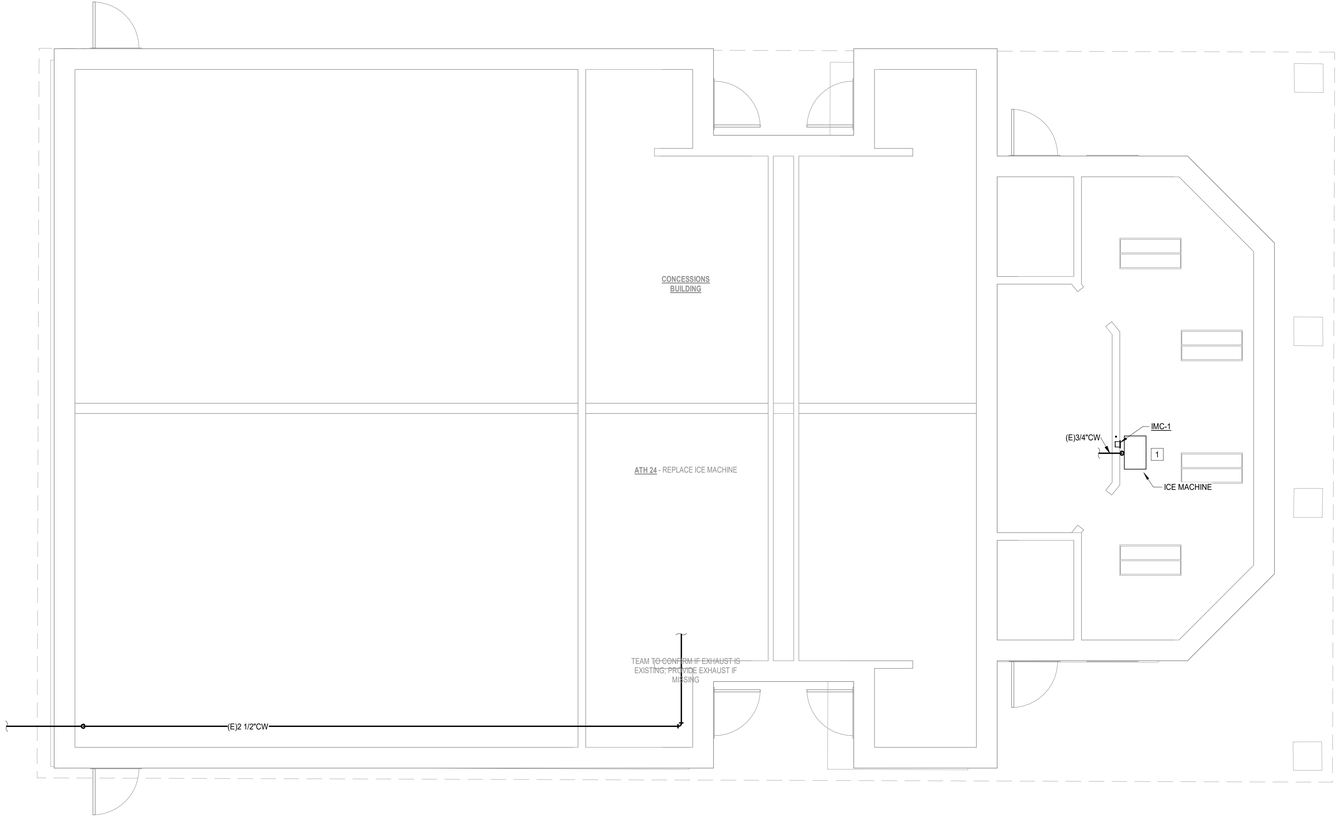

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4 **PLUMBING ENLARGED SITE PLAN - CONCESSIONS**
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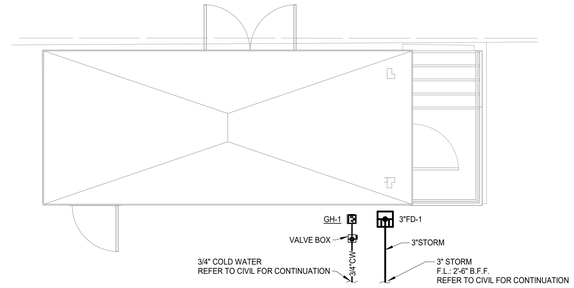

N

1 **PLUMBING ENLARGED SITE PLAN - BASEBALL PRESSBOX**
Scale: 1/4" = 1'-0"

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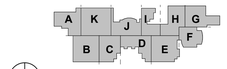

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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TEXAS
12/09/2024

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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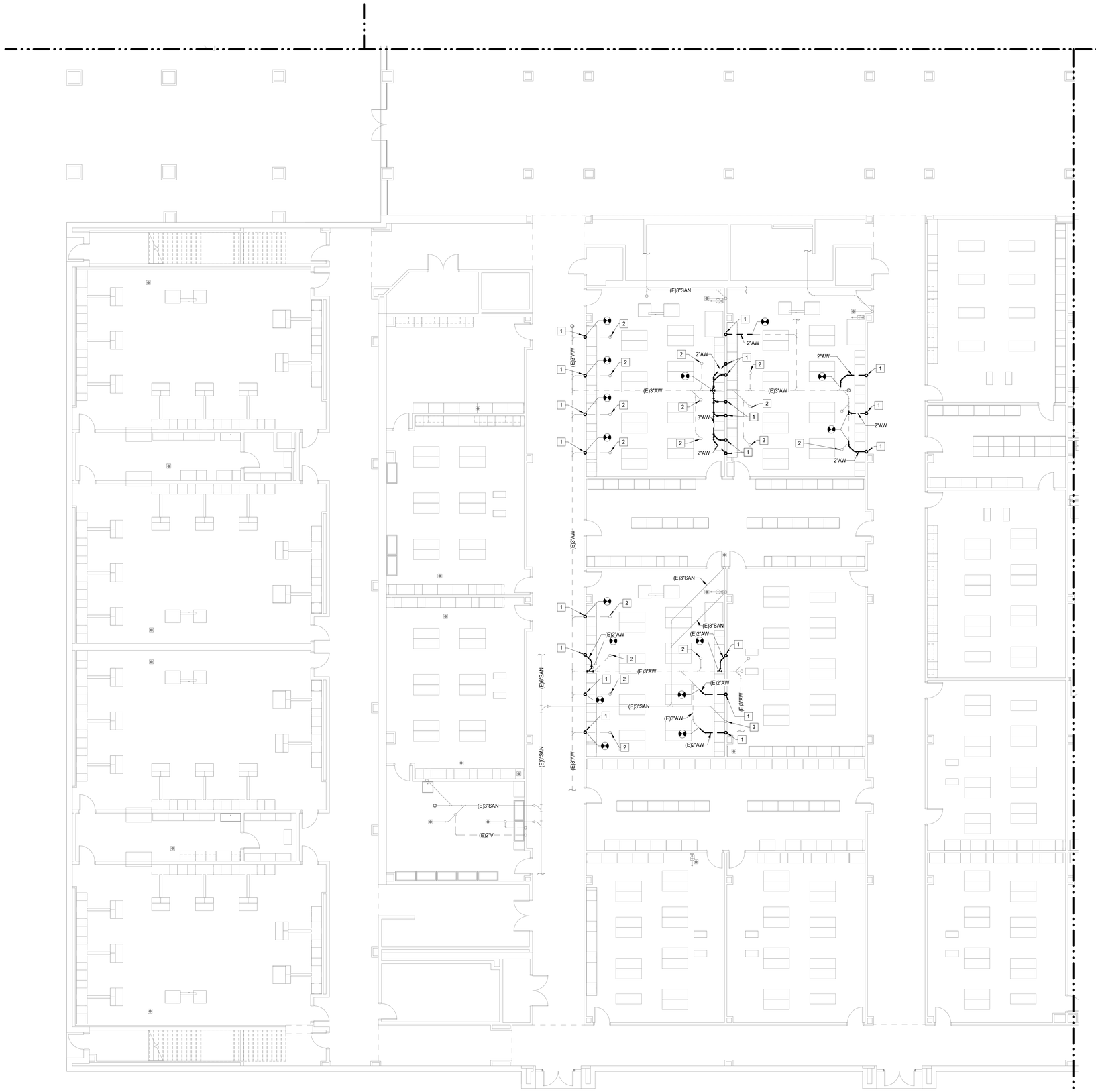
PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING ENLARGED PLANS - PRESSBOXES & CONCESSION STAND

SHEET NUMBER
P-102



N

1 **PLUMBING UNDERFLOOR PLAN - LEVEL 00 - AREA B**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1 2" ACID WASTE FROM SINK ABOVE.
2 EXISTING SANITARY CAPPED BELOW SLAB.

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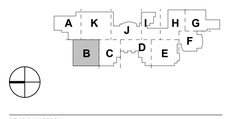

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING UNDERFLOOR PLAN - AREA B

SHEET NUMBER
P-201-B

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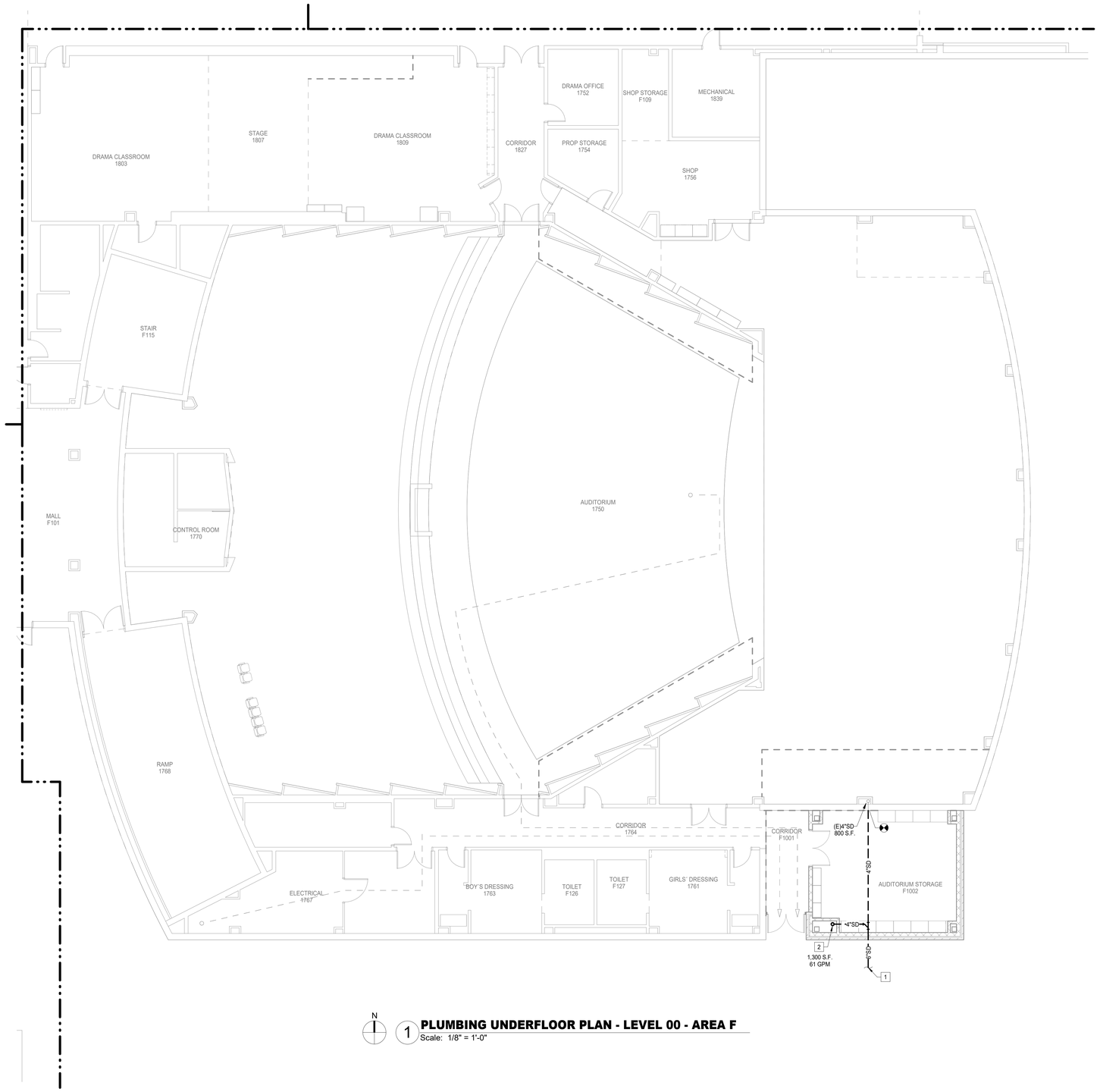
Registration: F-4111
Project No: 2023-05942-00

PLUMBING KEYED NOTES

1 REFER TO SHEET P1.01 FOR CONTINUATION.
2 4" STORM FROM ABOVE.



N

1 **PLUMBING UNDERFLOOR PLAN - LEVEL 00 - AREA F**
Scale: 1/8" = 1'-0"

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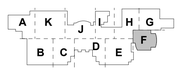

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING UNDERFLOOR PLAN - AREA F

SHEET NUMBER
P-202-F

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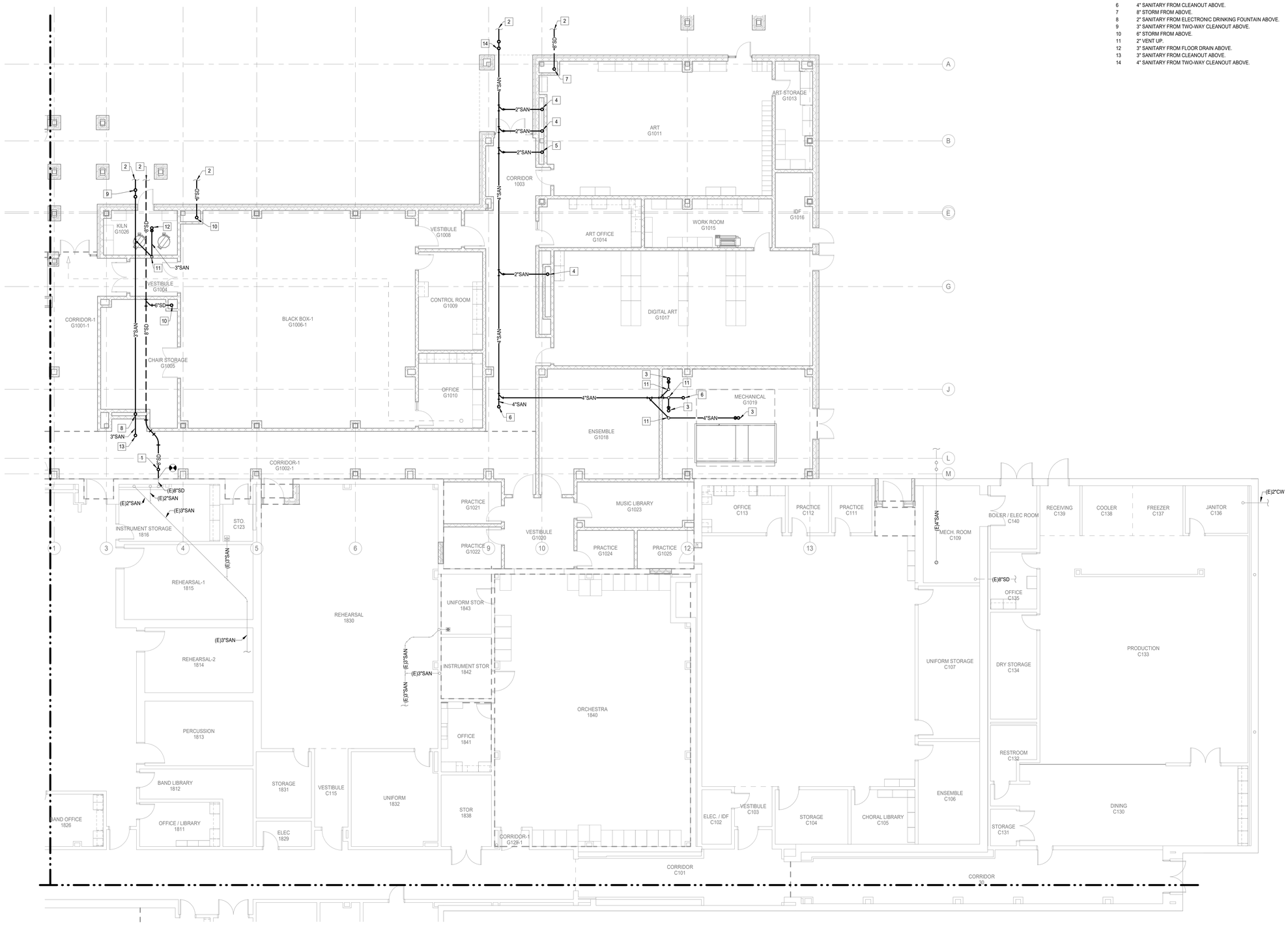
Registration: F-4111
Project No: 2023-05942-00

PLUMBING KEYED NOTES

1. 4" STORM FROM CLEANOUT ABOVE.
2. REFER TO SHEET P1.01 FOR CONTINUATION.
3. 4" SANITARY FROM FLOOR SINK ABOVE.
4. 2" SANITARY FROM SINK ABOVE.
5. 2" SANITARY FROM LAVATORY ABOVE.
6. 4" SANITARY FROM CLEANOUT ABOVE.
7. 8" STORM FROM ABOVE.
8. 2" SANITARY FROM ELECTRONIC DRINKING FOUNTAIN ABOVE.
9. 3" SANITARY FROM TWO-WAY CLEANOUT ABOVE.
10. 6" STORM FROM ABOVE.
11. 2" VENT UP.
12. 3" SANITARY FROM FLOOR DRAIN ABOVE.
13. 3" SANITARY FROM CLEANOUT ABOVE.
14. 4" SANITARY FROM TWO-WAY CLEANOUT ABOVE.



N

1 **PLUMBING UNDERFLOOR PLAN - LEVEL 00 - AREA G**
Scale: 1/8" = 1'-0"

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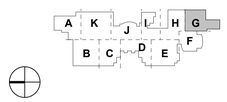

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

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PROJECT
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ORIGINAL ISSUE
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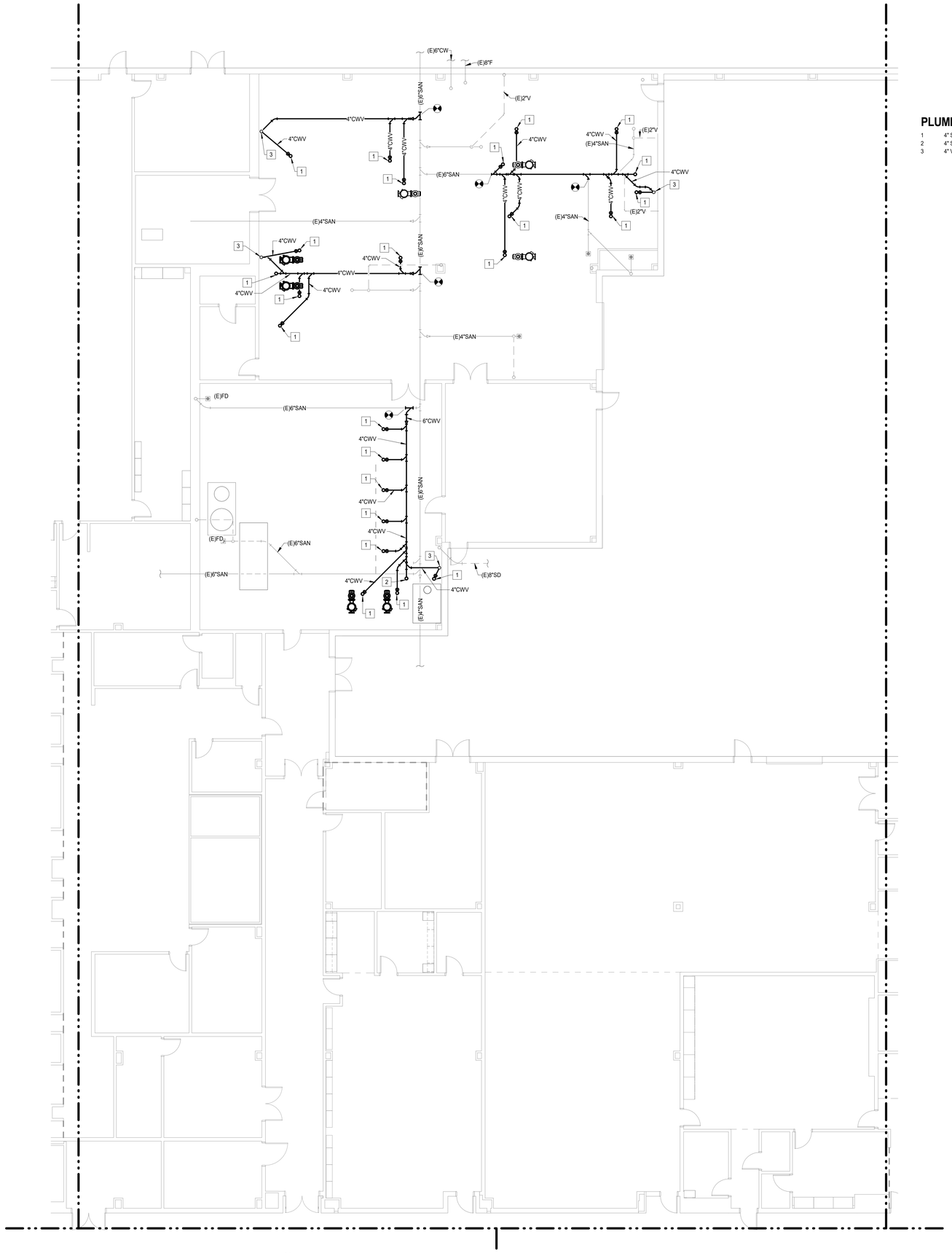
DECEMBER 09, 2024

SHEET NAME
PLUMBING UNDERFLOOR PLAN - AREA G

SHEET NUMBER
P-203-G



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1 **PLUMBING UNDERFLOOR PLAN - LEVEL 00 - AREA I**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1 4" SANITARY FROM FLOOR SINK ABOVE.
2 4" SANITARY FROM CLEANOUT ABOVE.
3 4" VENT UP.

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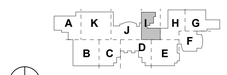

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

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PROJECT
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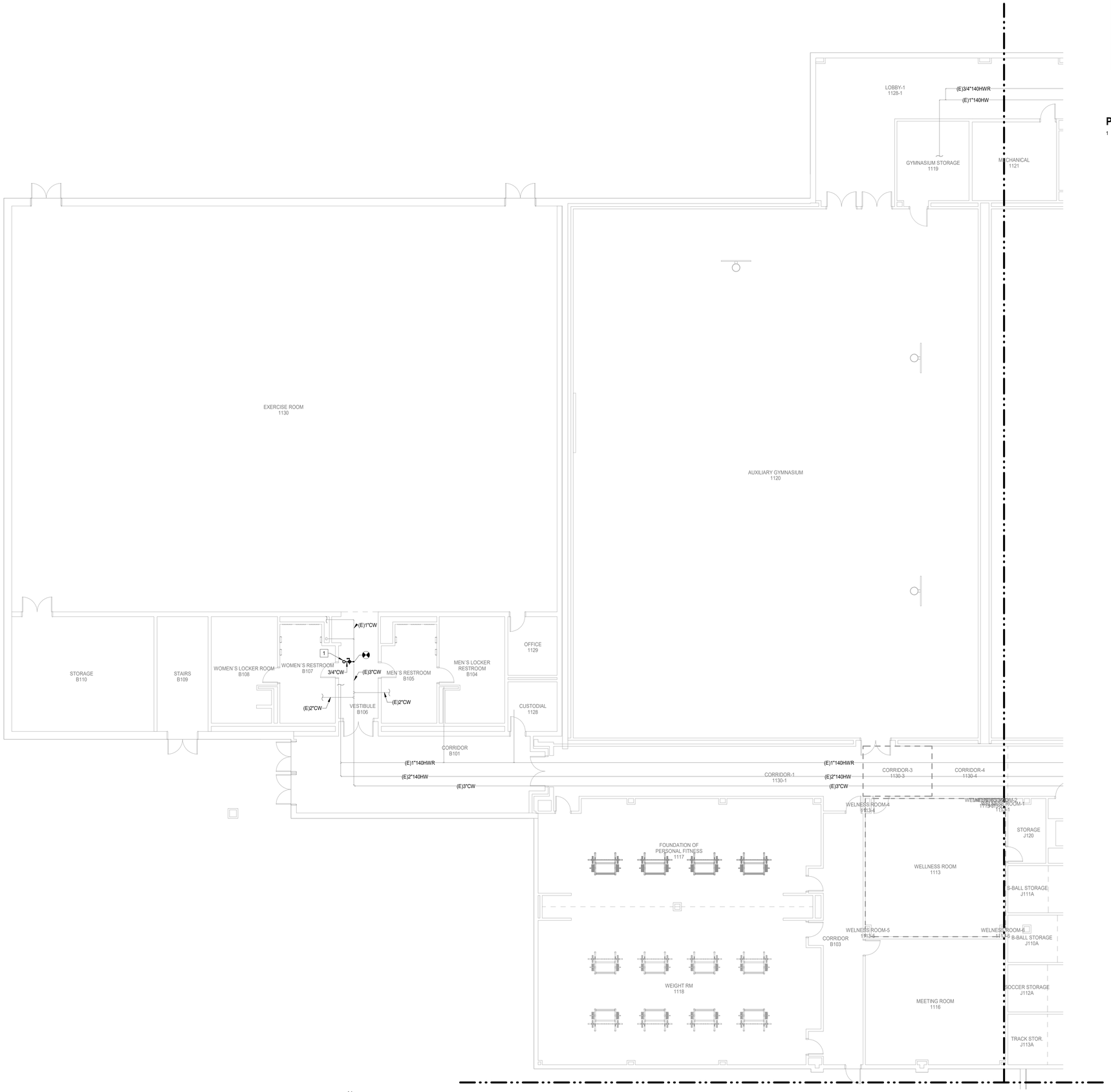
PLUMBING UNDERFLOOR PLAN - AREA I

SHEET NUMBER
P-204-I



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1 **PLUMBING FLOOR PLAN - LEVEL 01 - AREA A**
Scale: 1/8" = 1'-0"

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PLUMBING KEYED NOTES

1 3/4" CW UP TO ROOF HYDRANT.

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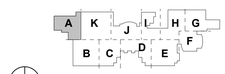

REVISION HISTORY

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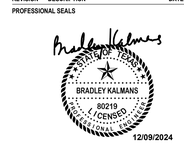
PROFESSIONAL SEALS



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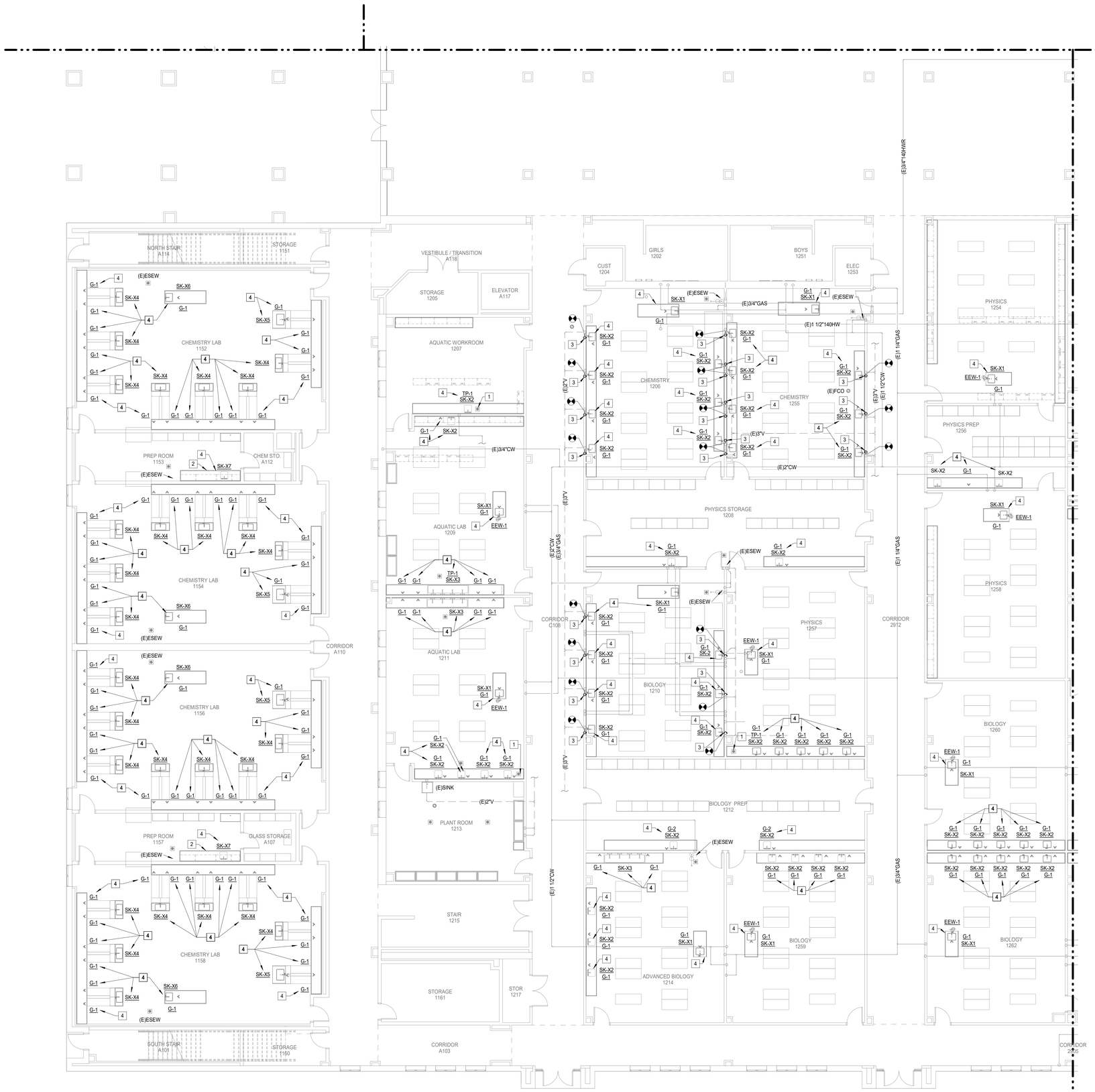
SHEET NAME
PLUMBING FLOOR PLAN - LEVEL 1 - AREA A

SHEET NUMBER
P-301-A



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1 **PLUMBING FLOOR PLAN - LEVEL 01 - AREA B**

Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1. PROVIDE TRAP PRIMER (TP-1) ON COLD WATER SUPPLY OF ADJACENT SINK. ELBOW TRAP PRIMER LINE OVER EXISTING DRAIN. PROVIDE OPENING IN CABINET BASE FOR ACCESS TO FLOOR DRAIN.
2. RECONNECT PRESERVED DISHWASHER TO EXISTING UTILITIES.
3. 2" ACID WASTE DOWN, 2" ACID VENT UP. CONNECT ACID VENT TO EXISTING VENT IN WALL. CONNECT 3/4" GAS TO EXISTING CONNECTION AT WALL AND EXTEND 3/4" GAS PIPING INSIDE CASEWORK TO SERVE GAS TURRETS. CONNECT 3/4" CW PIPING TO EXISTING CONNECTION AT WALL AND EXTEND 3/4" CW PIPING INSIDE CASEWORK TO SERVE SINK.
4. PROVIDE AND INSTALL NEW PLUMBING FIXTURES. CONNECT TO EXISTING UTILITIES.

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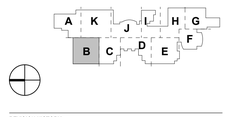

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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PROJECT

2024 CY RIDGE HS RENOVATION

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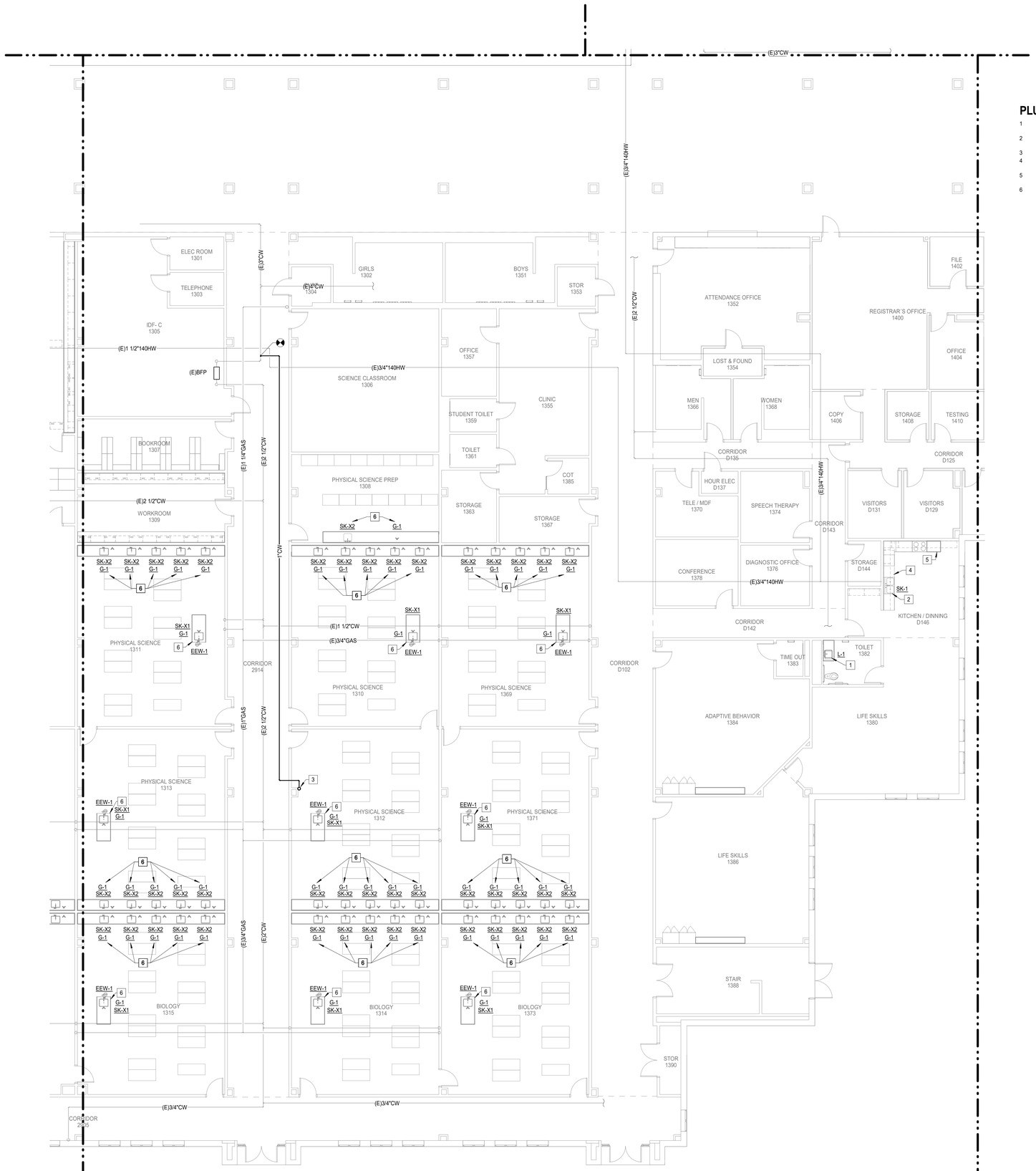
PLUMBING FLOOR PLAN - LEVEL 1 - AREA B

SHEET NUMBER

P-301-B



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1 **PLUMBING FLOOR PLAN - LEVEL 01 - AREA C**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1. PROVIDE AND INSTALL NEW LAVATORY. CONNECT EXISTING UTILITIES (CW, HW, SANITARY AND VENT).
2. PROVIDE AND INSTALL NEW SINK. CONNECT EXISTING UTILITIES (CW, HW, SANITARY AND VENT).
3. 1" CW UP.
4. RECONNECT PRESERVED DISHWASHER TO EXISTING UTILITIES.
5. RECONNECT PRESERVED REFRIGERATOR TO EXISTING UTILITIES.
6. PROVIDE AND INSTALL NEW PLUMBING FIXTURES. CONNECT TO EXISTING UTILITIES.

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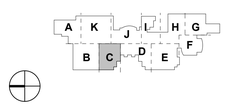

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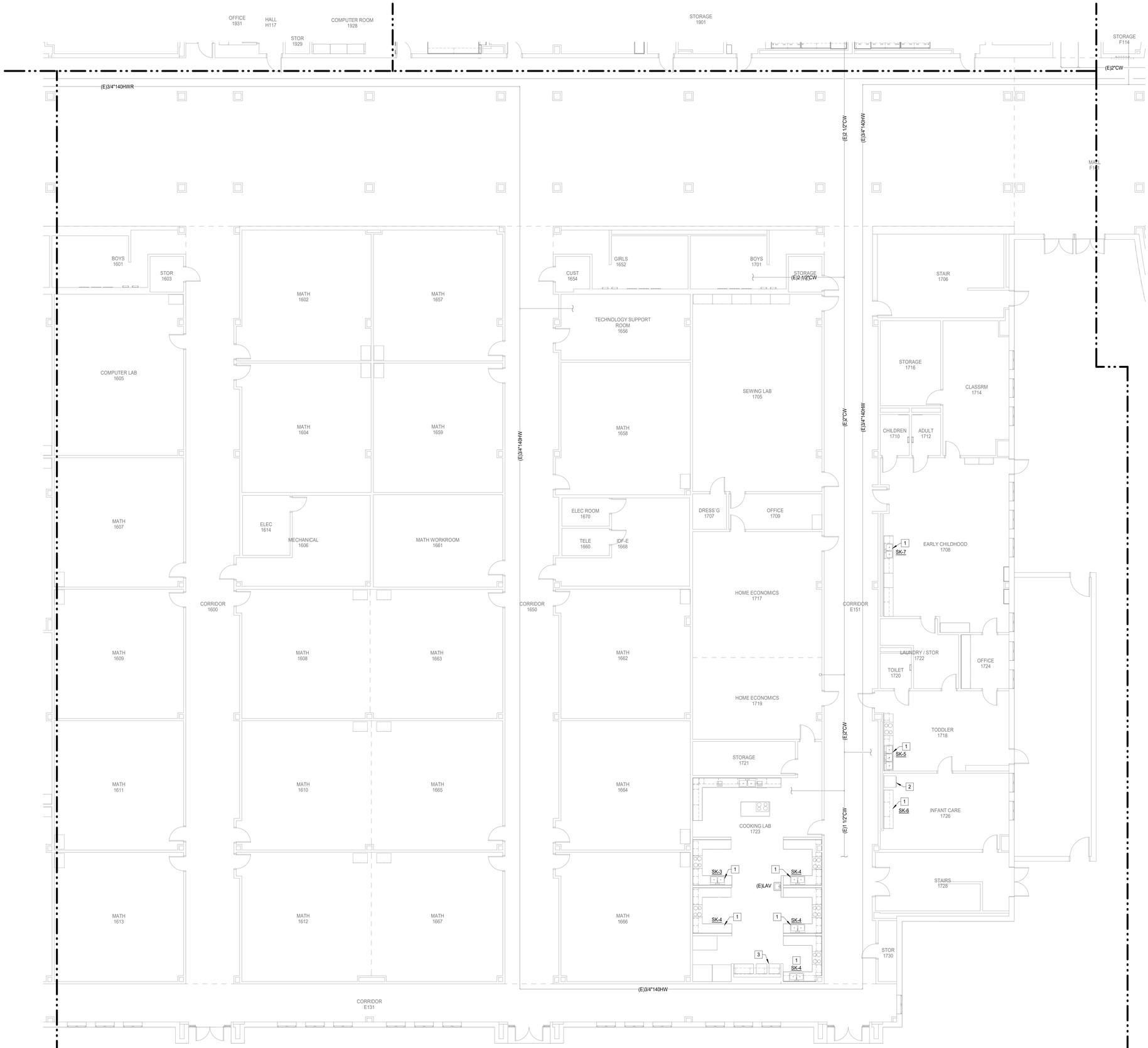
SHEET NAME
PLUMBING FLOOR PLAN - LEVEL 1 - AREA C

SHEET NUMBER
P-302-C



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1 **PLUMBING FLOOR PLAN - LEVEL 01 - AREA E**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1. PROVIDE AND INSTALL NEW SINK. CONNECT EXISTING UTILITIES (CW, HW, SANITARY AND VENT).
2. RECONNECT PRESERVED REFRIGERATOR TO EXISTING UTILITIES.
3. RECONNECT PRESERVED CLOTHES WASHER TO EXISTING UTILITIES.

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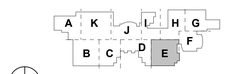

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ORIGINAL ISSUE
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SHEET NAME
PLUMBING FLOOR PLAN - LEVEL 1 - AREA E

SHEET NUMBER
P-303-E

FIRE SPRINKLER SYSTEM NOTES

A. DESIGN AND FURNISH LABOR AND MATERIALS FOR THE COMPLETE INSTALLATION OF A HYDRAULICALLY CALCULATED AUTOMATIC WET PIPE FIRE SPRINKLER SYSTEM WITH THE ATTENDANT ACCESSORIES FOR ENTIRE AREA.

B. STUDY THE GENERAL, STRUCTURAL, ELECTRICAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS, IN ORDER TO BECOME FAMILIAR WITH THE BUILDING AND DETAILS AS THEY APPLY TO THE WORK OF THIS SECTION. COOPERATE WITH OTHERS SO THAT THERE WILL BE NO CONFLICT OF SPACE REQUIRED. DUCTWORK AND ELECTRICAL WORK SHALL TAKE PRECEDENCE OVER OTHER WORK, EXCEPT WHERE IT IS ABSOLUTELY NECESSARY TO MAINTAIN COVERAGE PROTECTION.

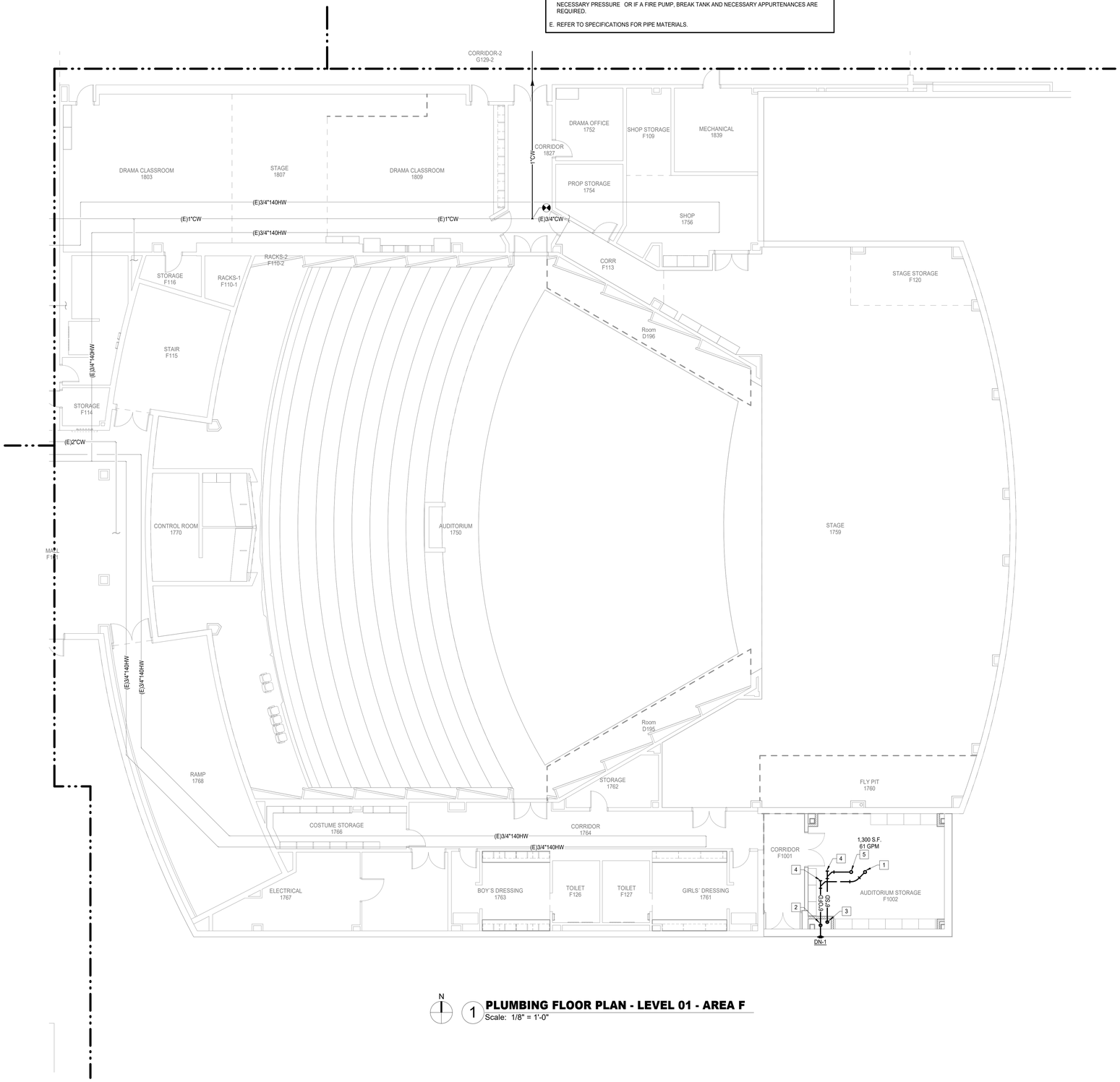
C. THE INSTALLATION OF THE ENTIRE SPRINKLER SYSTEMS SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, THE STANDARD BUILDING CODE, REQUIREMENTS OF NFPA PAMPHLET 13, AND OTHER LOCAL AUTHORITIES EXERCISING JURISDICTION.

D. IT SHALL BE THE FIRE PROTECTION INSTALLERS RESPONSIBILITY, PRIOR TO BID, TO VERIFY PRESSURE AT THE PROJECT SITE BY PERFORMING A FLOW TEST. DETERMINE IF THE AVAILABLE STATIC AND RESIDUAL PRESSURE WILL ADEQUATELY PROVIDE THE FIRE EXTINGUISHING SYSTEM WITH THE NECESSARY PRESSURE OR IF A FIRE PUMP, BREAK TANK AND NECESSARY APPURTENANCES ARE REQUIRED.

E. REFER TO SPECIFICATIONS FOR PIPE MATERIALS.

PLUMBING KEYED NOTES

1. 4" STORM OVERFLOW FROM OVERFLOW DRAIN ABOVE.
2. 6" STORM OVERFLOW DOWN TO DOWNSPOUT NOZZLE. REFER TO ARCHITECTURAL DRAWING FOR EXACT ELEVATION.
3. 6" STORM DOWN.
4. PROVIDE CLEANOUT.
5. 6" STORM FROM ROOF DRAIN ABOVE.



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1 **PLUMBING FLOOR PLAN - LEVEL 01 - AREA F**
Scale: 1/8" = 1'-0"

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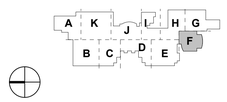

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING FLOOR PLAN - LEVEL 1 - AREA F

SHEET NUMBER
P-304-F

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PLUMBING KEYED NOTES

1. 3/4" CW AND HW DOWN, 2" SANITARY DOWN, 2" VENT UP.
2. 2" VENT UP TO 4" VTR.
3. 3/4" CW DOWN.
4. 6" STORM FROM ROOF DRAIN ABOVE.
5. 6" STORM OVERFLOW FROM OVERFLOW DRAIN ABOVE.
6. 6" STORM DOWN.
7. 6" STORM OVERFLOW DOWN TO DOWNSPOUT NOZZLE. REFER TO ARCHITECTURAL DRAWING FOR EXACT ELEVATION.
8. 8" STORM DOWN.
9. 8" STORM OVERFLOW DOWN TO DOWNSPOUT NOZZLE. REFER TO ARCHITECTURAL DRAWING FOR EXACT ELEVATION.
10. 2" SANITARY DOWN, 2" VENT UP.
11. 3/4" CW UP TO ROOF HYDRANT.
12. 2" VENT FROM BELOW.
13. 3/4" HWR DOWN TO CIRCULATION PUMP.
14. 3/4" HWR UP FROM CIRCULATION PUMP.
15. 1" CW DOWN TO WATER HEATER. 1" HW UP FROM WATER HEATER. EXISTING FLOOR SINK TO REMAIN AND BE REUSED.

GENERAL NOTE:

1. ROUTE ALL STORM PIPING AS HIGH AND CLOSE TO STRUCTURE AS POSSIBLE.

FIRE SPRINKLER SYSTEM NOTES

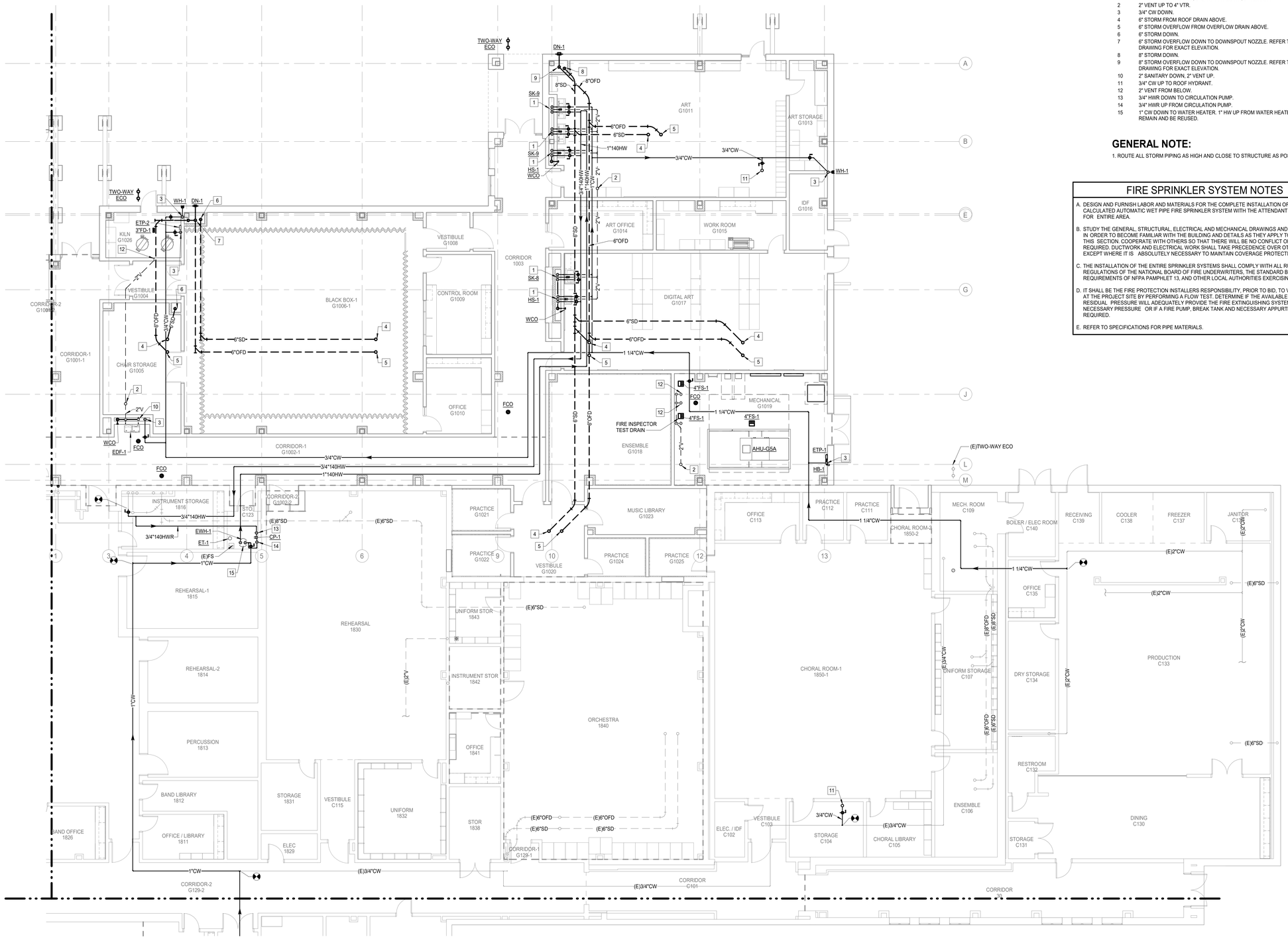
A. DESIGN AND FURNISH LABOR AND MATERIALS FOR THE COMPLETE INSTALLATION OF A HYDRAULICALLY CALCULATED AUTOMATIC WET PIPE FIRE SPRINKLER SYSTEM WITH THE ATTENDANT ACCESSORIES FOR ENTIRE AREA.

B. STUDY THE GENERAL, STRUCTURAL, ELECTRICAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS, IN ORDER TO BECOME FAMILIAR WITH THE BUILDING AND DETAILS AS THEY APPLY TO THE WORK OF THIS SECTION. COOPERATE WITH OTHERS SO THAT THERE WILL BE NO CONFLICT OF SPACE REQUIRED. DUCTWORK AND ELECTRICAL WORK SHALL TAKE PRECEDENCE OVER OTHER WORK, EXCEPT WHERE IT IS ABSOLUTELY NECESSARY TO MAINTAIN COVERAGE PROTECTION.

C. THE INSTALLATION OF THE ENTIRE SPRINKLER SYSTEMS SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, THE STANDARD BUILDING CODE, REQUIREMENTS OF NFPA PAMPHLET 13, AND OTHER LOCAL AUTHORITIES EXERCISING JURISDICTION.

D. IT SHALL BE THE FIRE PROTECTION INSTALLERS RESPONSIBILITY, PRIOR TO BID, TO VERIFY PRESSURE AT THE PROJECT SITE BY PERFORMING A FLOW TEST. DETERMINE IF THE AVAILABLE STATIC AND RESIDUAL PRESSURE WILL ADEQUATELY PROVIDE THE FIRE EXTINGUISHING SYSTEM WITH THE NECESSARY PRESSURE OR IF A FIRE PUMP, BREAK TANK AND NECESSARY APPURTENANCES ARE REQUIRED.

E. REFER TO SPECIFICATIONS FOR PIPE MATERIALS.



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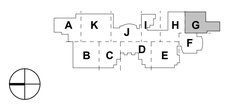
1 **PLUMBING FLOOR PLAN - LEVEL 01 - AREA G**
Scale: 1/8" = 1'-0"

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80215
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TEXAS
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE

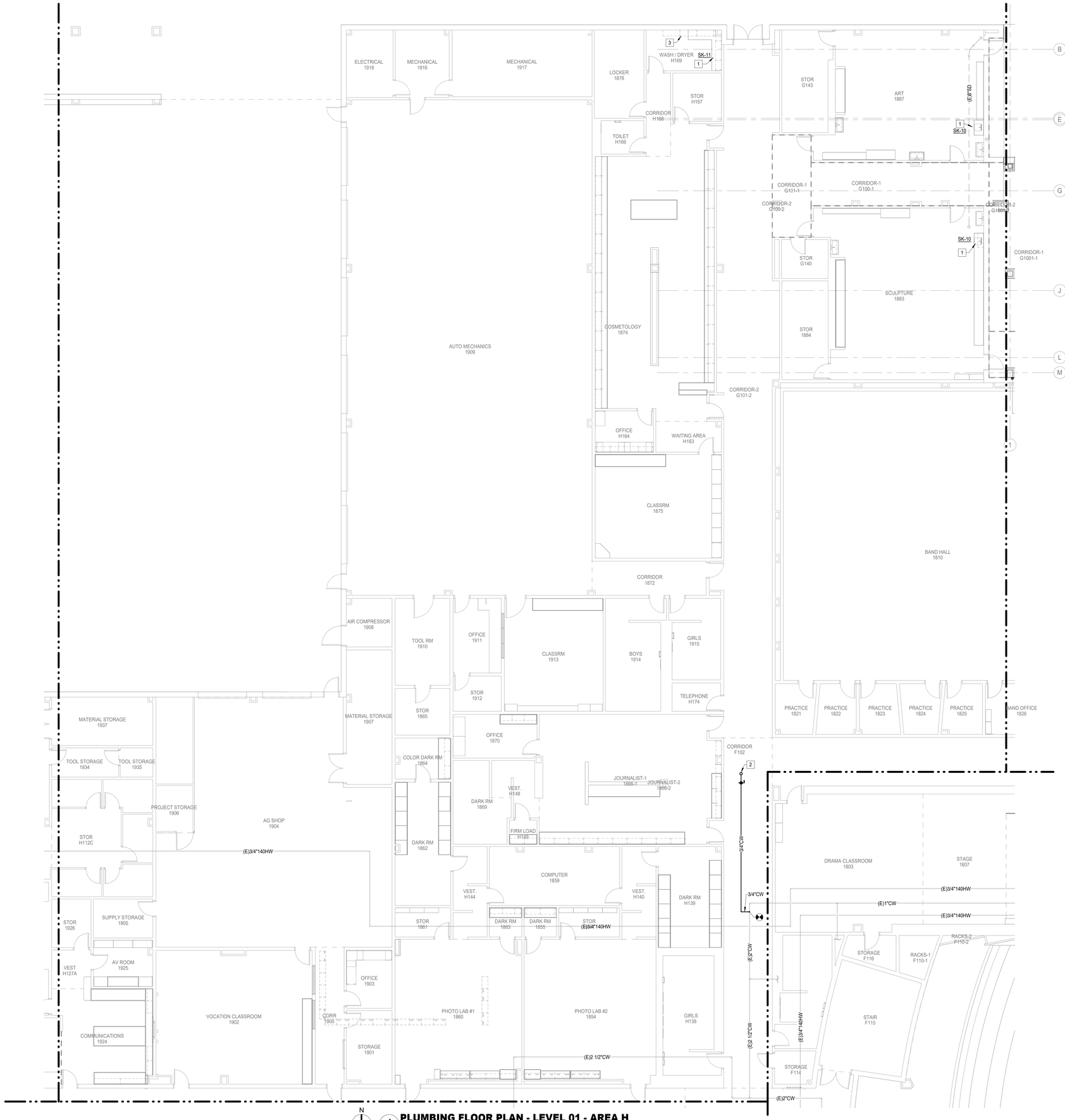
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

PLUMBING FLOOR PLAN - LEVEL 1 - AREA G

SHEET NUMBER

P-305-G



1 **PLUMBING FLOOR PLAN - LEVEL 01 - AREA H**
Scale: 1/8" = 1'-0"

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Registration: F-4111
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PLUMBING KEYED NOTES

1. PROVIDE AND INSTALL NEW SINK. CONNECT EXISTING UTILITIES (CW, HW, SANITARY AND VENT).
2. 3/4" CW UP TO ROOF HYDRANT.
3. RECONNECT PRESERVED CLOTHES WASHER TO EXISTING UTILITIES.

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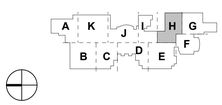

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
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12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
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ORIGINAL ISSUE

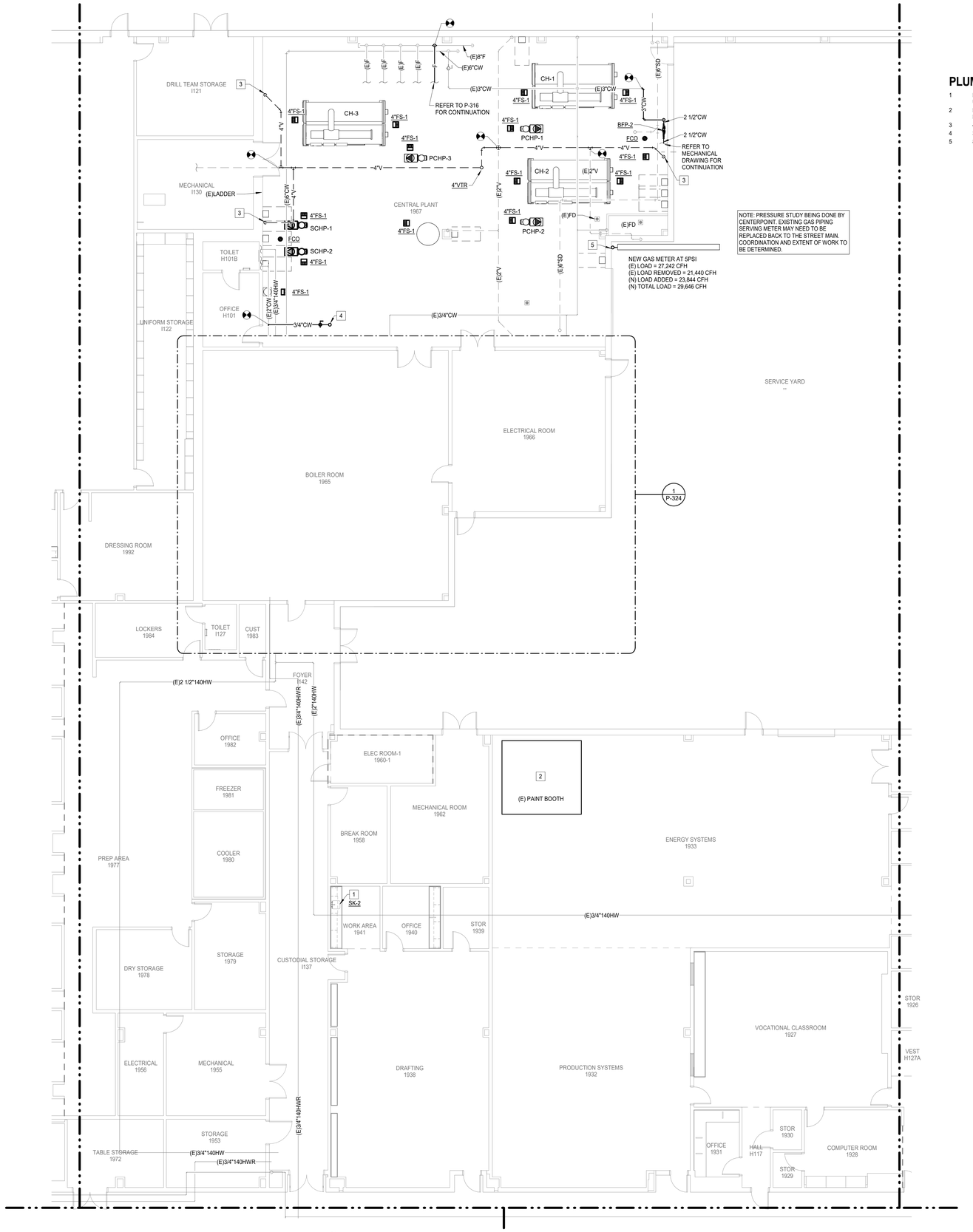
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

PLUMBING FLOOR PLAN - LEVEL 1 - AREA H

SHEET NUMBER

P-306-H



NOTE: PRESSURE STUDY BEING DONE BY CENTERPOINT. EXISTING GAS PIPING SERVING METER MAY NEED TO BE REPLACED BACK TO THE STREET MAIN. COORDINATION AND EXTENT OF WORK TO BE DETERMINED.

N

1 **PLUMBING FLOOR PLAN - LEVEL 01 - AREA I**
Scale: 1/8" = 1'-0"

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PLUMBING KEYED NOTES

1. PROVIDE AND INSTALL NEW SINK. CONNECT EXISTING UTILITIES (CW, HW, SANITARY AND VENT).
2. PROVIDE SPRINKLER HEADS AT PAINT BOOTH AS REQUIRED.
3. 4" VENT FROM BELOW.
4. 3/4" CW UP TO ROOF HYDRANT.
5. 8" GAS AT 5PSI UP TO ROOF

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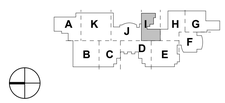

REVISION HISTORY

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PROFESSIONAL SEALS

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PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

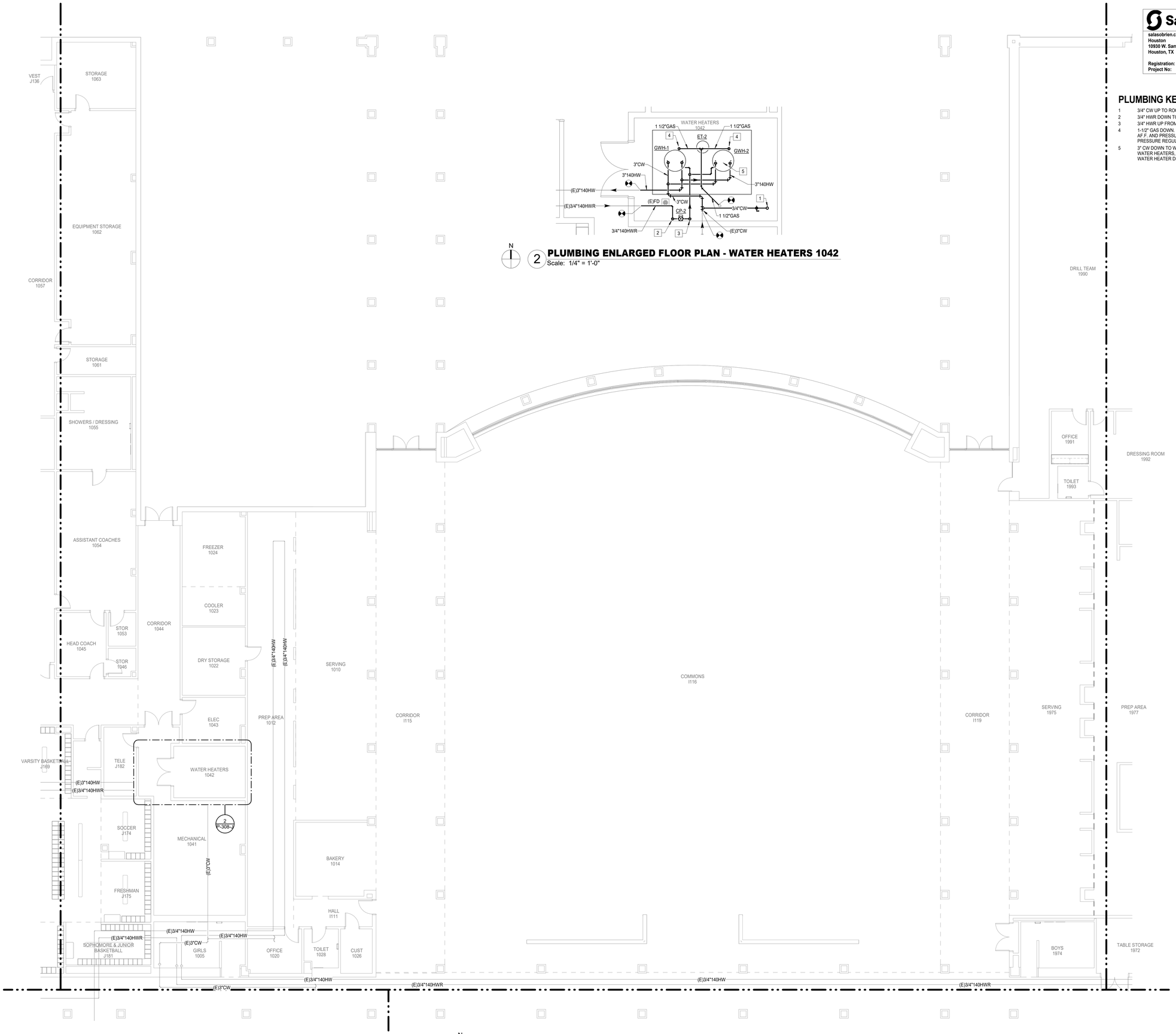
SHEET NAME
PLUMBING FLOOR PLAN - LEVEL 1 - AREA I

SHEET NUMBER
P-307-I

N

2 PLUMBING ENLARGED FLOOR PLAN - WATER HEATERS 1042

Scale: 1/4" = 1'-0"



N

1 PLUMBING FLOOR PLAN - LEVEL 01 - AREA J

Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1. 3/4" CW UP TO ROOF HYDRANT.
2. 3/4" HWR DOWN TO CIRCULATION PUMP.
3. 3/4" HWR UP FROM CIRCULATION PUMP.
4. 1-1/2" GAS DOWN. PROVIDE SHUTOFF VALVE AT 60" AF.F. AND PRESSURE REGULATOR IN VERTICAL. PRESSURE REGULATOR FROM 5 PSI TO 8 OZ. 199 CFH.
5. 3" CW DOWN TO WATER HEATERS, 3" HW UP FROM WATER HEATERS, 3/4" HWR DOWN. REFER TO GAS WATER HEATER DETAIL.

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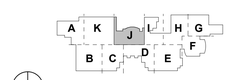

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE

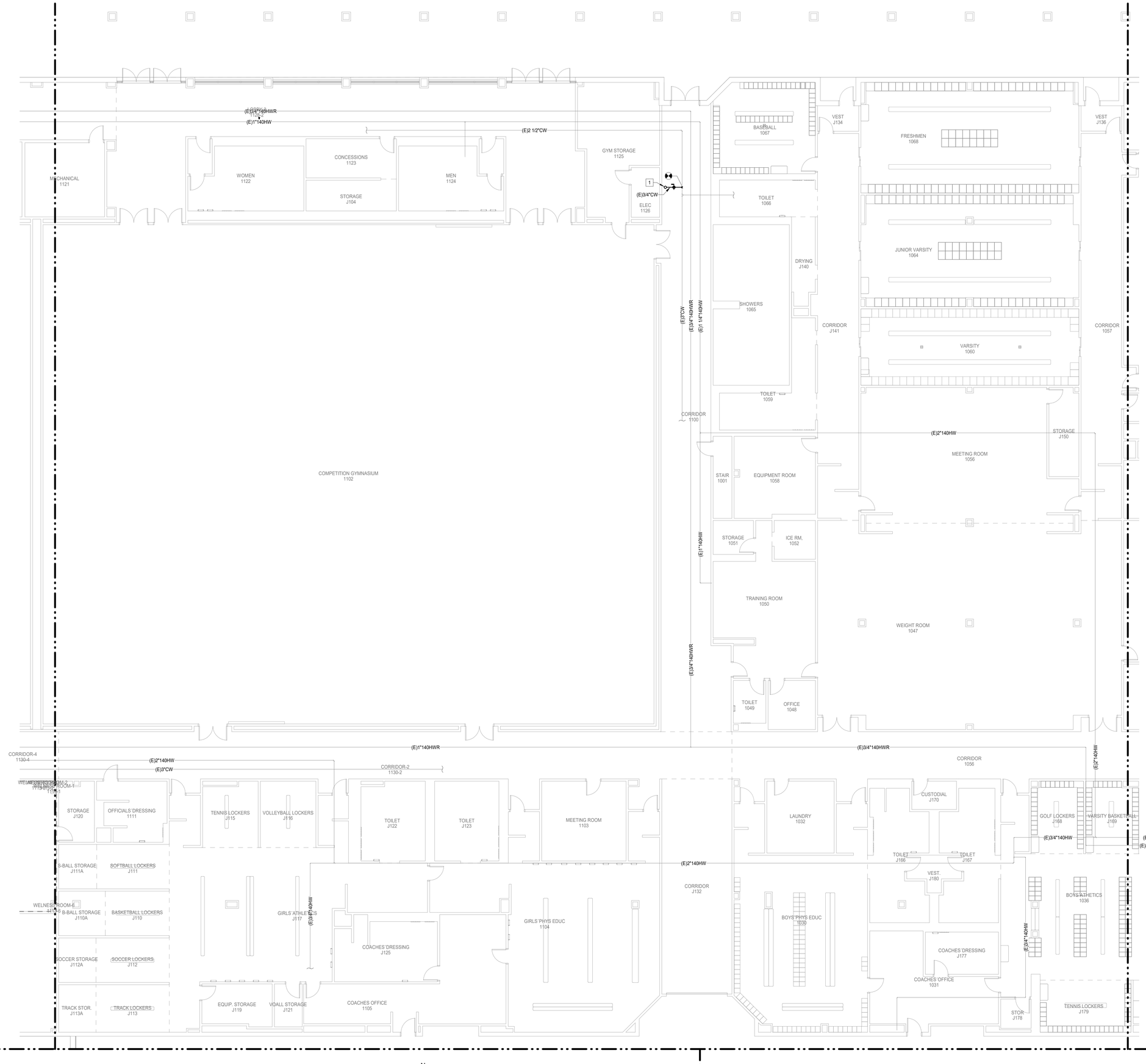
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

PLUMBING FLOOR PLAN - LEVEL 1 - AREA J

SHEET NUMBER

P-308-J



1 **PLUMBING FLOOR PLAN - LEVEL 01 - AREA K**
Scale: 1/8" = 1'-0"

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PLUMBING KEYED NOTES

1 3/4" CW UP TO ROOF HYDRANT.

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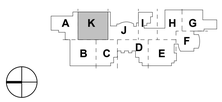
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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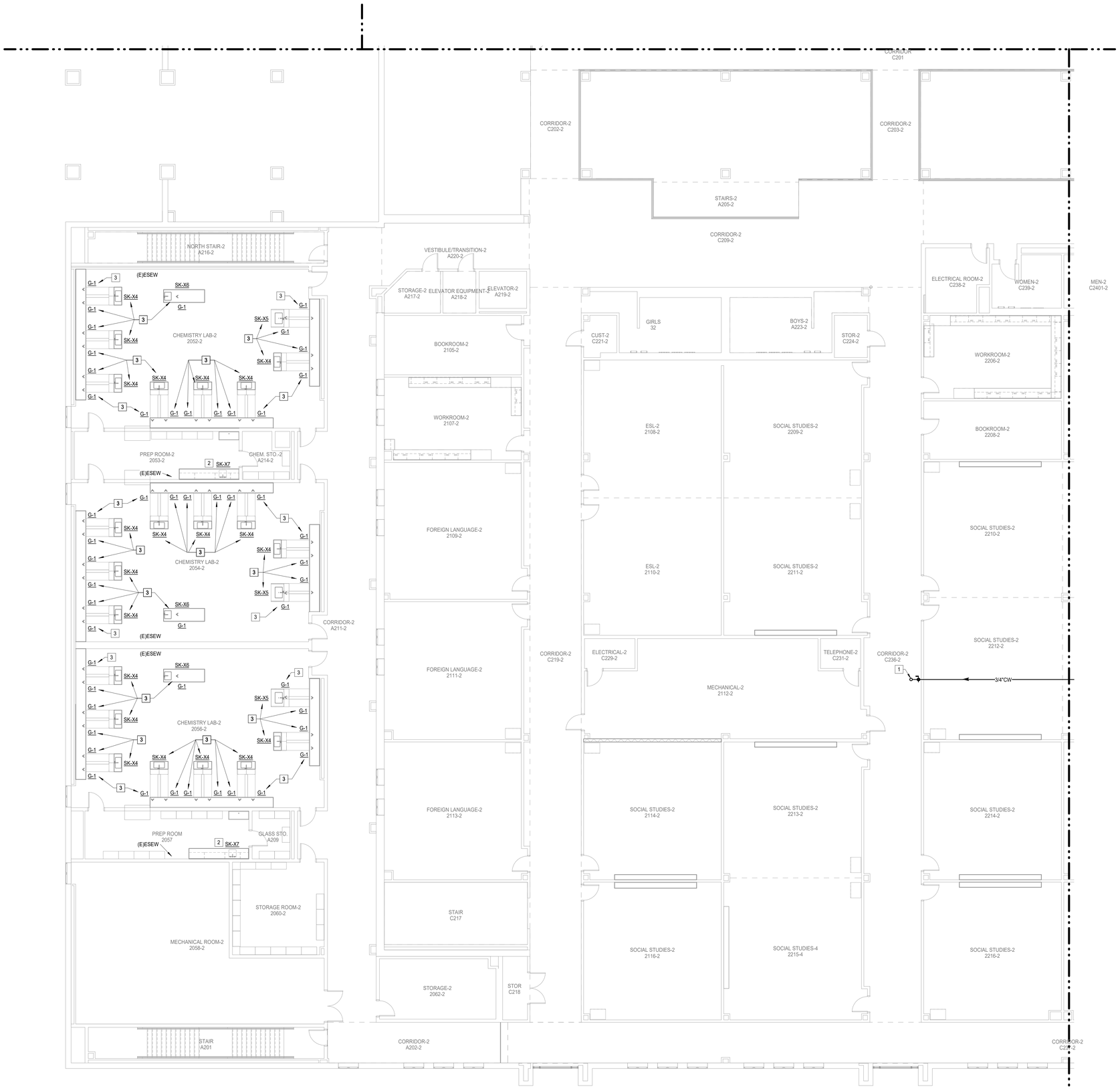
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING FLOOR PLAN - LEVEL 1 - AREA K

SHEET NUMBER
P-309-K



1 **PLUMBING FLOOR PLAN - LEVEL 02 - AREA B**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1. 3/4" CW UP TO ROOF HYDRANT.
2. PROVIDE AND INSTALL NEW SINK. CONNECT EXISTING UTILITIES (CW, HW, SANITARY AND VENT).
3. PROVIDE AND INSTALL NEW PLUMBING FIXTURES. CONNECT TO EXISTING UTILITIES.

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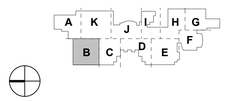

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
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CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
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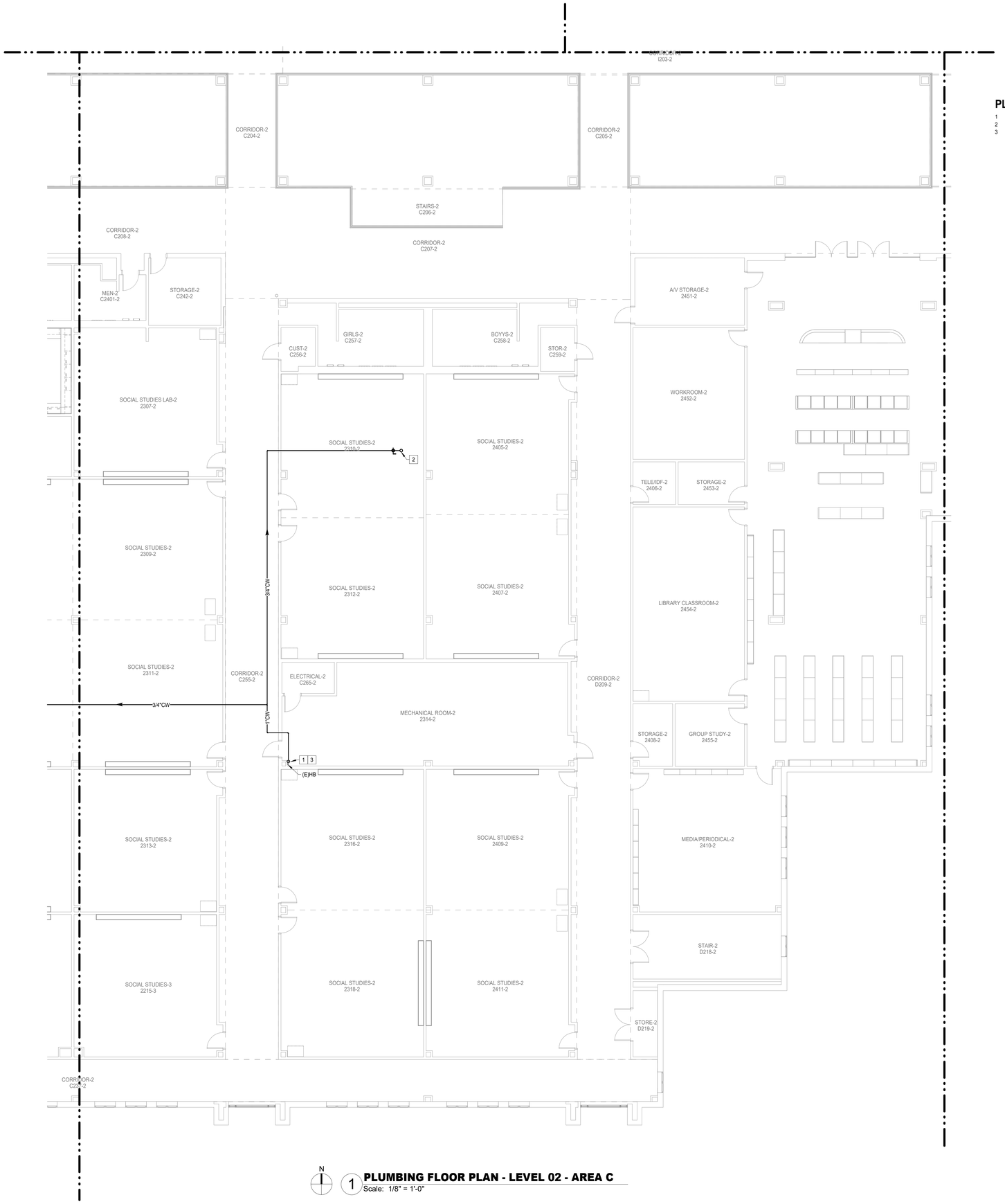
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING FLOOR PLAN - LEVEL 2 - AREA B

SHEET NUMBER
P-310-B



N

1 **PLUMBING FLOOR PLAN - LEVEL 02 - AREA C**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1 1" CW FROM BELOW.
2 3/4" CW UP TO ROOF HYDRANT.
3 PROVIDE SHUTOFF VALVE 60" A.F.F.

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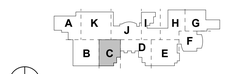
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	CHECKED BY
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING FLOOR PLAN - LEVEL 2 - AREA C

SHEET NUMBER
P-310-C

N

1 **PLUMBING FLOOR PLAN - LEVEL 02 - AREA E**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1. 3/4" CW UP TO ROOF HYDRANT.
2. 3/4" CW UP.
3. CONNECT NEW 3/4" CW PIPING BELOW EXISTING SHUTOFF VALVE SERVING EXISTING HOSE BIB.

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Registration: F-4111
Project No: 2023-05942-00

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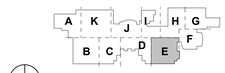
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
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7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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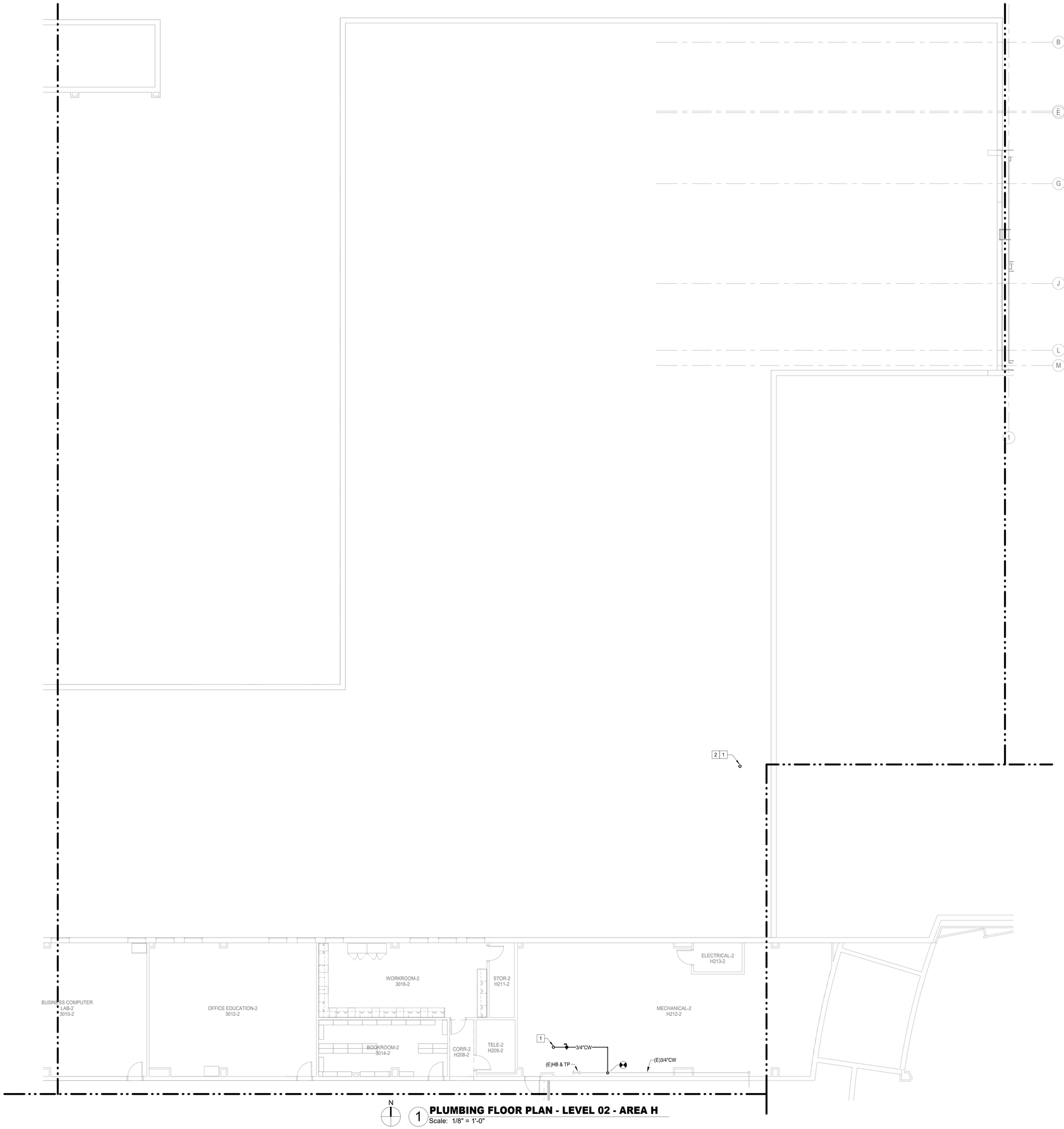
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING FLOOR PLAN - LEVEL 2 - AREA E

SHEET NUMBER
P-311-E



N

1 **PLUMBING FLOOR PLAN - LEVEL 02 - AREA H**
Scale: 1/8" = 1'-0"

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PLUMBING KEYED NOTES

1 3/4" CW UP TO ROOF HYDRANT.
2 3/4" CW FROM BELOW.

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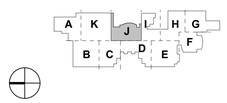
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

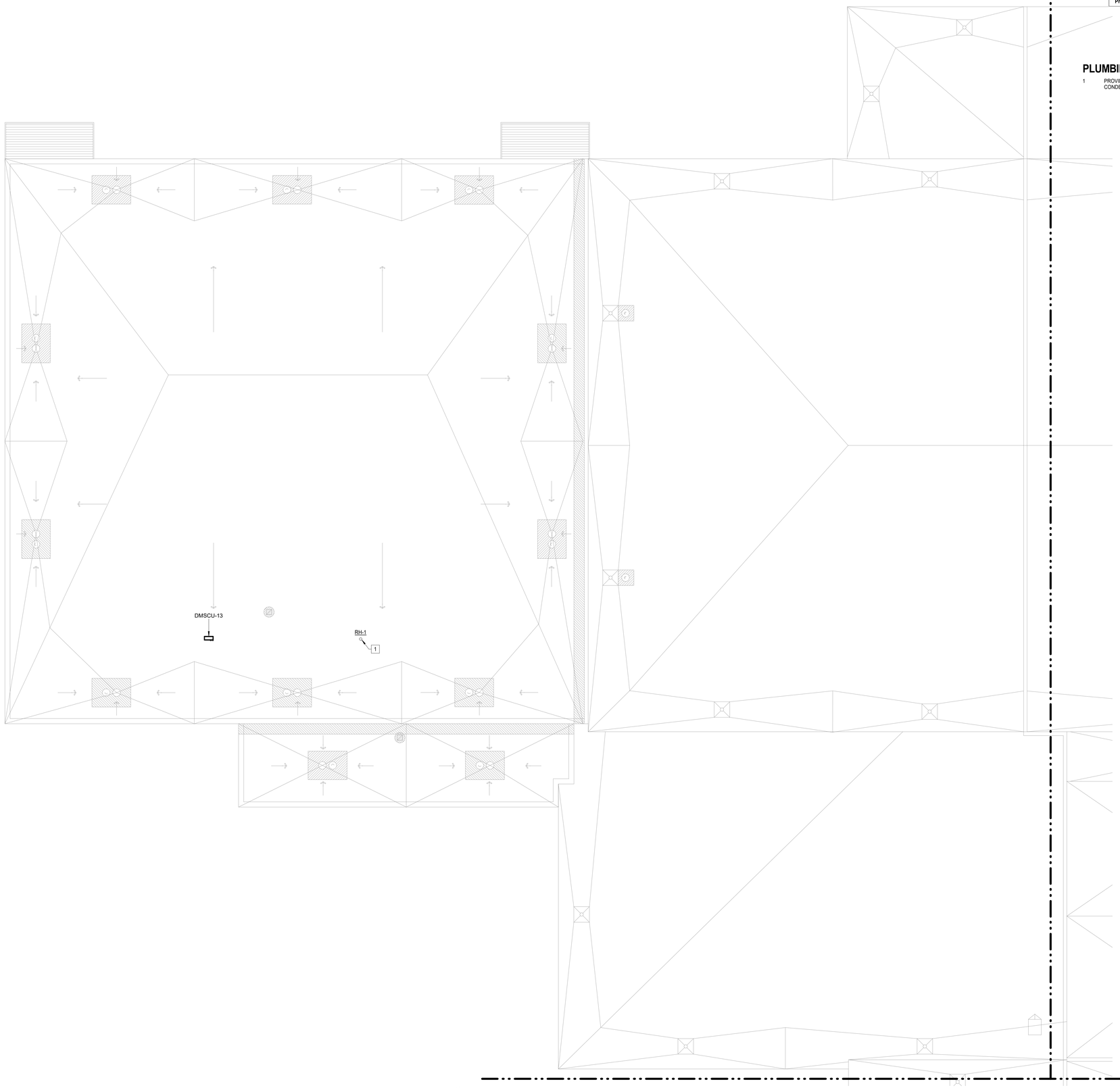
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING FLOOR PLAN - LEVEL 2 - AREA H

SHEET NUMBER
P-312-H



PLUMBING KEYED NOTES

1 PROVIDE ROOF HYDRANT WITHIN 50 FEET OF CONDENSING UNIT.

N

1 **PLUMBING ROOF PLAN - AREA A**
Scale: 1/8" = 1'-0"

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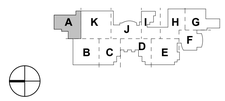
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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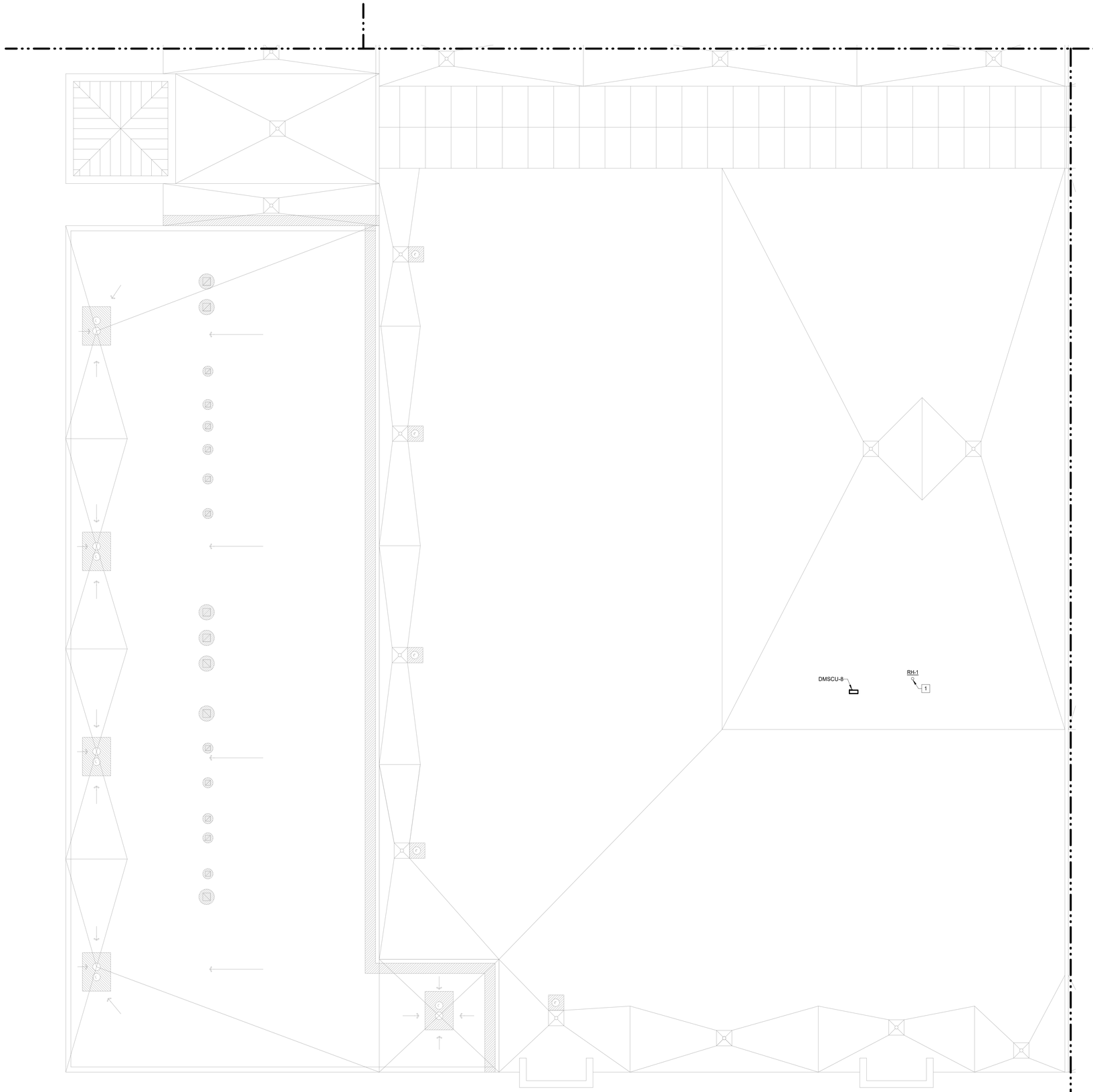
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING ROOF PLAN - AREA A

SHEET NUMBER
P-313-A



N

1 **PLUMBING ROOF PLAN - AREA B**
Scale: 1/8" = 1'-0"

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PLUMBING KEYED NOTES

1 PROVIDE ROOF HYDRANT WITHIN 50 FEET OF CONDENSING UNIT.

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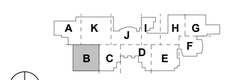
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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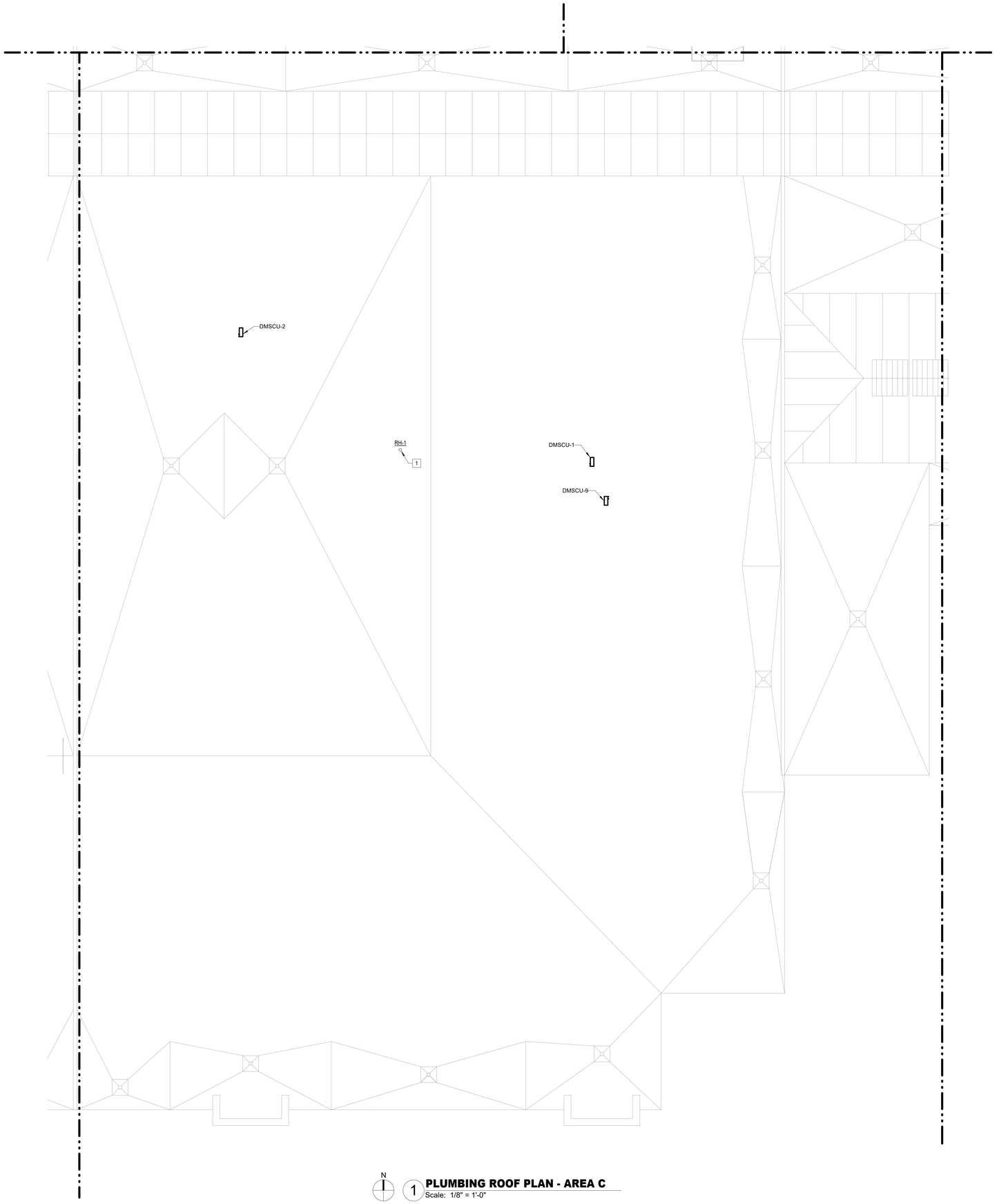
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING ROOF PLAN - AREA B

SHEET NUMBER
P-314-B



N

1 **PLUMBING ROOF PLAN - AREA C**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1 PROVIDE ROOF HYDRANT WITHIN 50 FEET OF CONDENSING UNIT.

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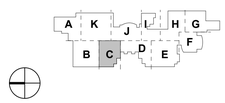

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

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PROJECT
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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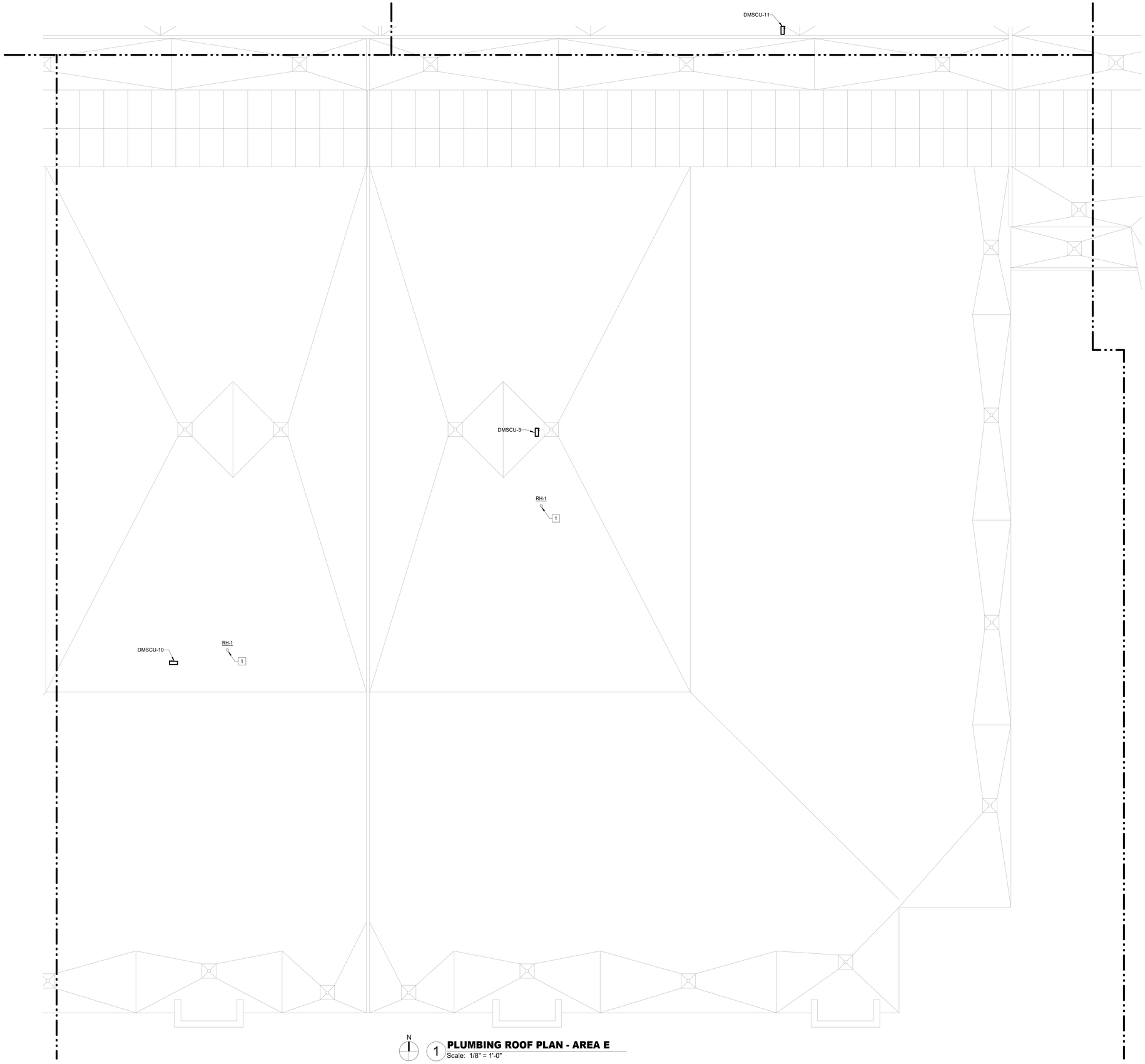
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING ROOF PLAN - AREA C

SHEET NUMBER
P-315-C



1 **PLUMBING ROOF PLAN - AREA E**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1 PROVIDE ROOF HYDRANT WITHIN 50 FEET OF CONDENSING UNIT.

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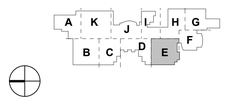

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

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INDEPENDENT SCHOOL DISTRICT

PROJECT
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PROJECT NUMBER	ABBREVIATION
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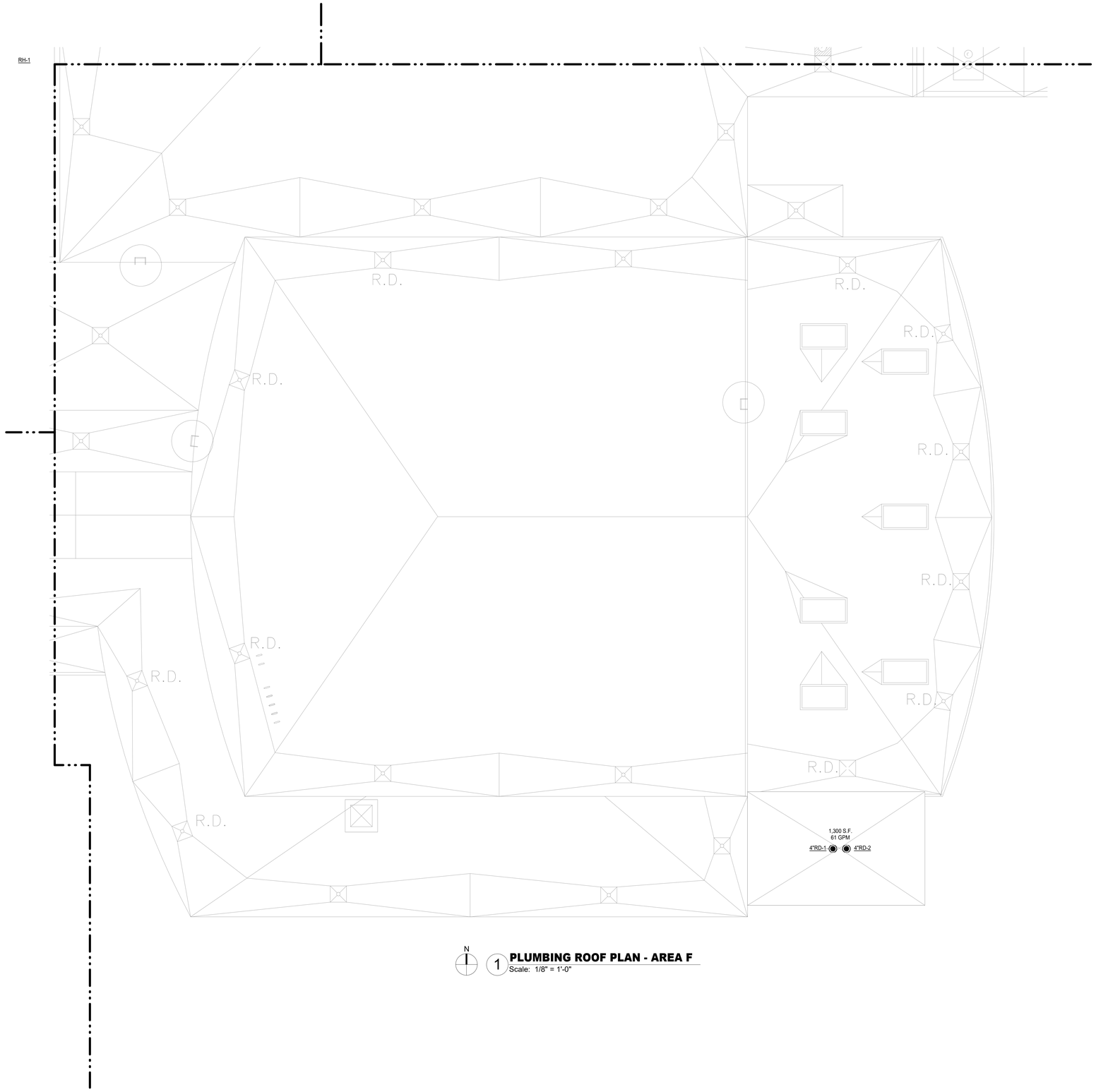
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING ROOF PLAN - AREA E

SHEET NUMBER
P-316-E



N

1 **PLUMBING ROOF PLAN - AREA F**
Scale: 1/8" = 1'-0"

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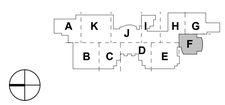
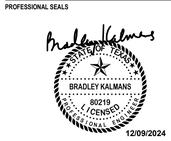
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



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INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING ROOF PLAN - AREA F

SHEET NUMBER
P-317-F

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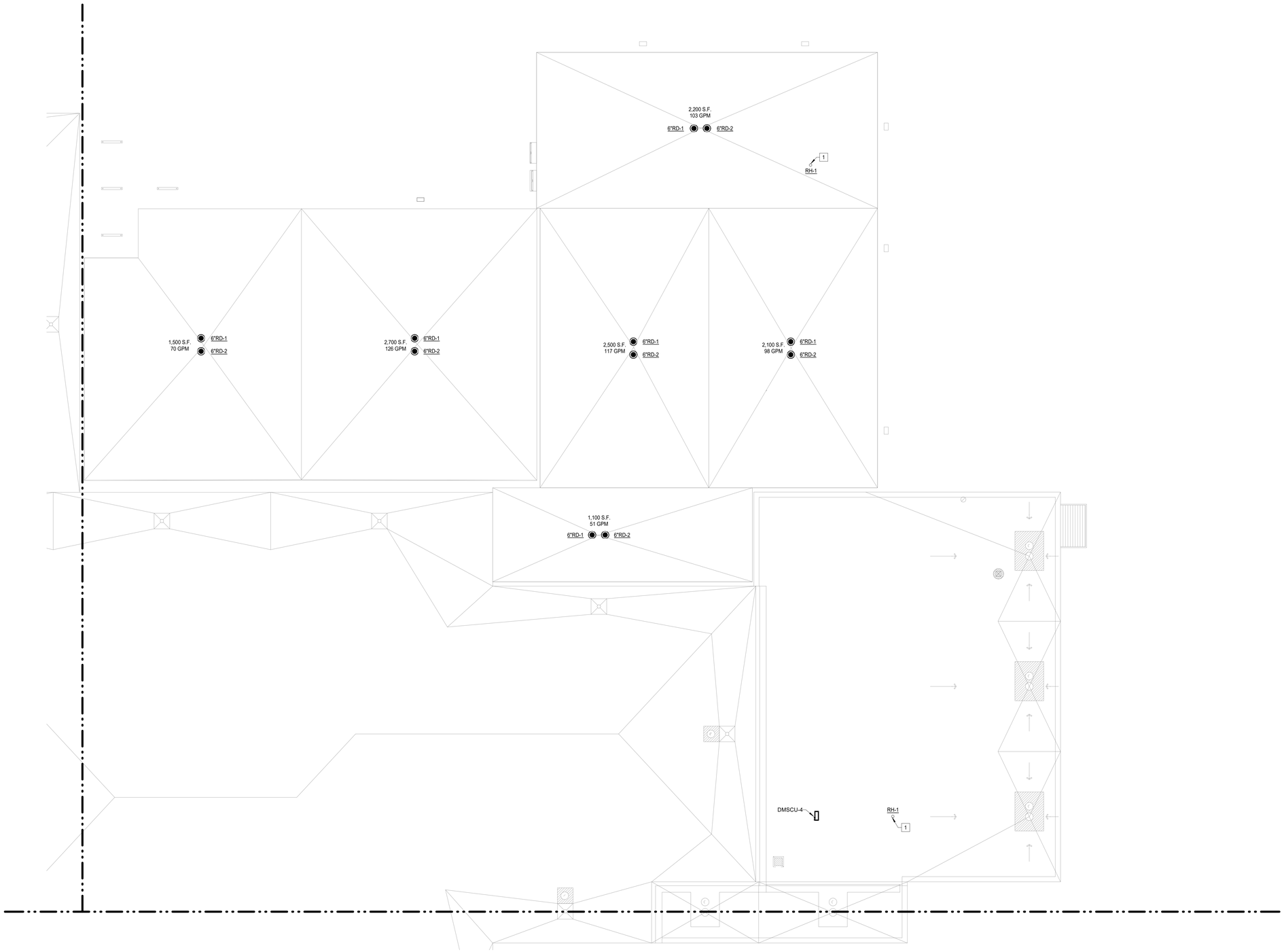
Registration: F-4111
Project No: 2023-05942-00

PLUMBING KEYED NOTES

1 PROVIDE ROOF HYDRANT WITHIN 50 FEET OF CONDENSING UNIT.



N

1 **PLUMBING ROOF PLAN - AREA G**
Scale: 1/8" = 1'-0"

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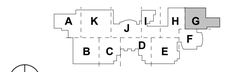


REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

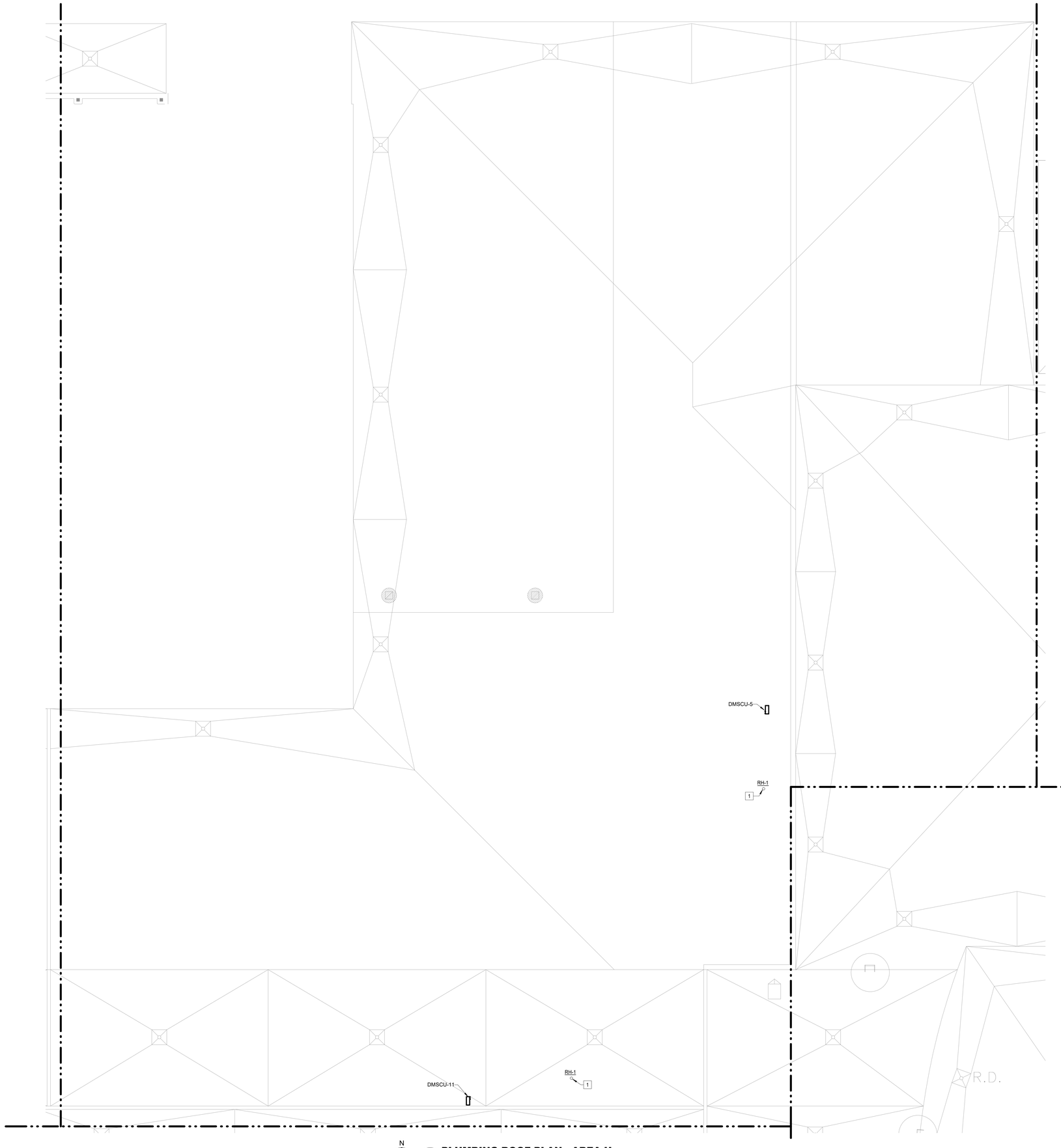
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING ROOF PLAN - AREA G

SHEET NUMBER
P-318-G



1 **PLUMBING ROOF PLAN - AREA H**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

PLUMBING KEYED NOTES

1 PROVIDE ROOF HYDRANT WITHIN 50 FEET OF CONDENSING UNIT.

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KW Landscape Architects
6925 Portwest Drive
Suite 100
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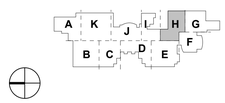
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
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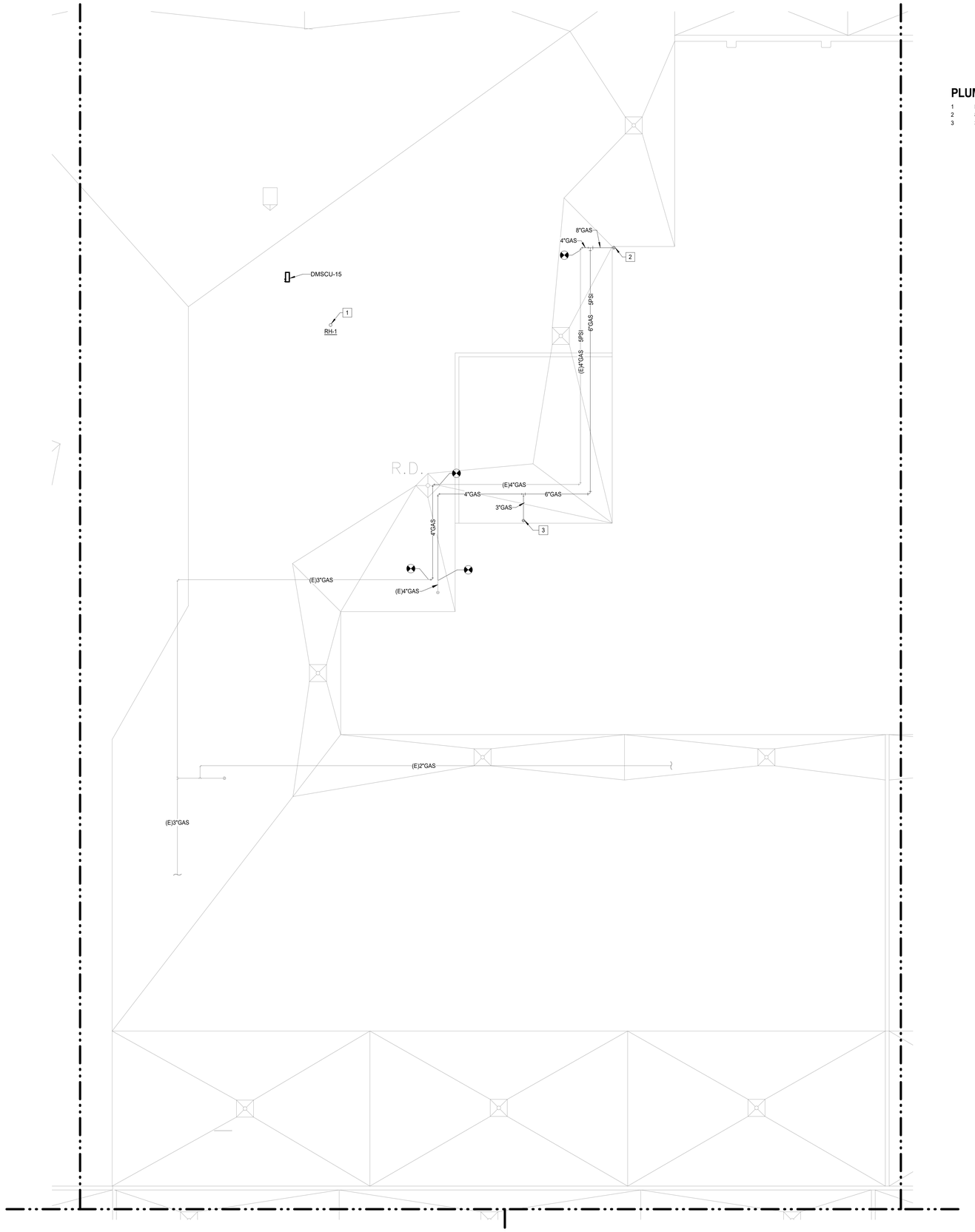
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING ROOF PLAN - AREA H

SHEET NUMBER
P-319-H



N

1 **PLUMBING ROOF PLAN - AREA I**
Scale: 1/8" = 1'-0"

PLUMBING KEYED NOTES

1 PROVIDE ROOF HYDRANT WITHIN 50 FEET OF CONDENSING UNIT.
2 8" GAS FROM NEW GAS METER BELOW.
3 3" GAS DOWN

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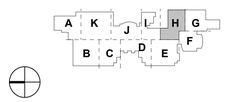
KEYPLAN



REVISION HISTORY

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PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
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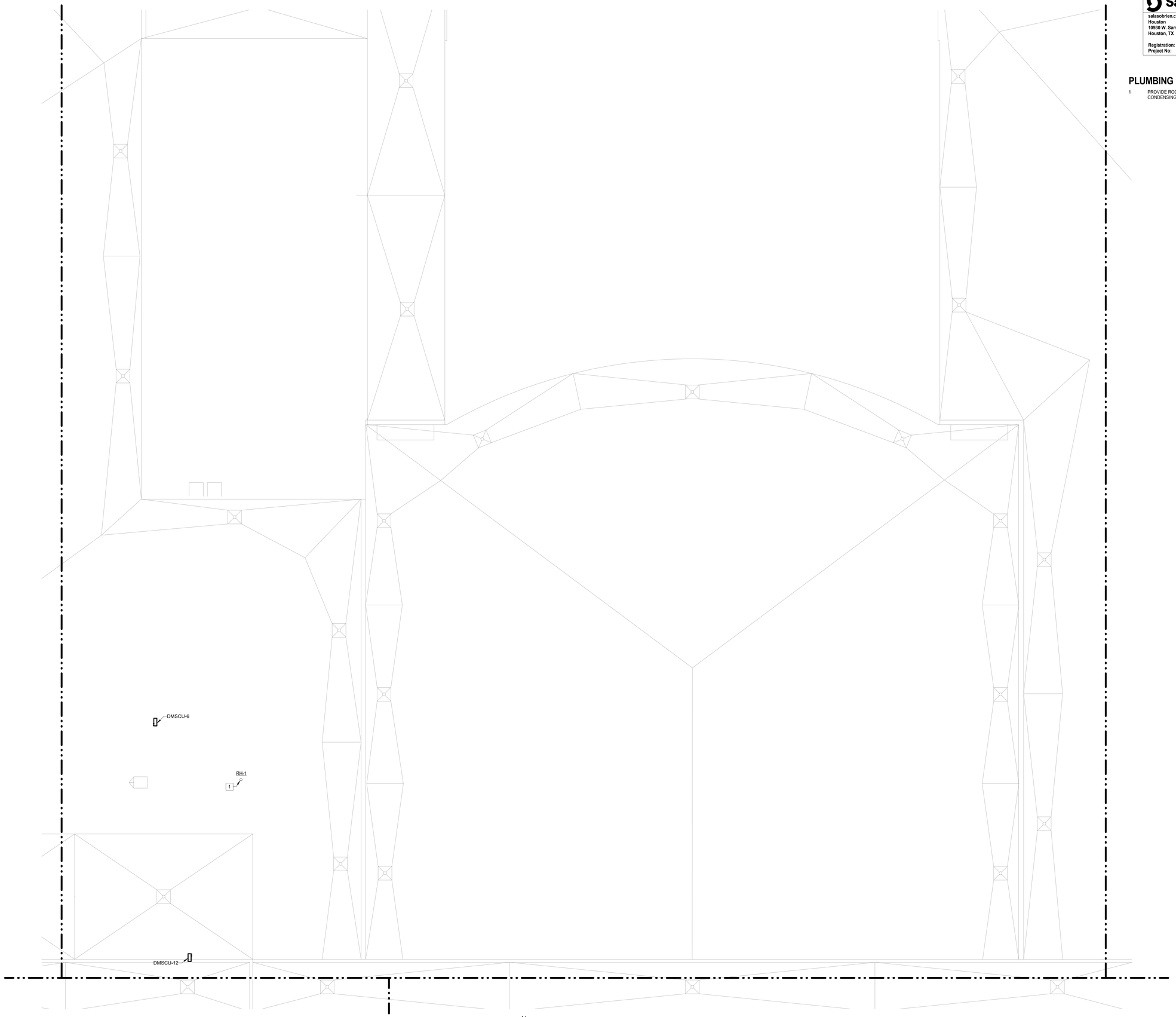
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING ROOF PLAN - AREA I

SHEET NUMBER
P-320-I



N

1 **PLUMBING ROOF PLAN - AREA J**
Scale: 1/8" = 1'-0"

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Registration: F-4111
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PLUMBING KEYED NOTES

1 PROVIDE ROOF HYDRANT WITHIN 50 FEET OF CONDENSING UNIT.

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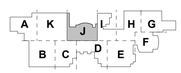
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
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PROFESSIONAL ENGINEER
12/09/2024

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
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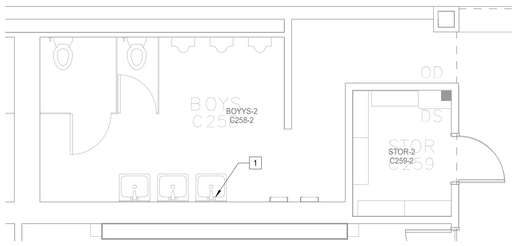
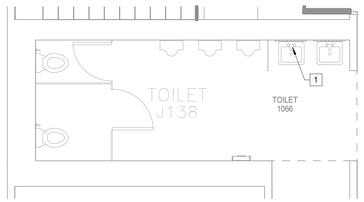
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING ROOF PLAN - AREA J

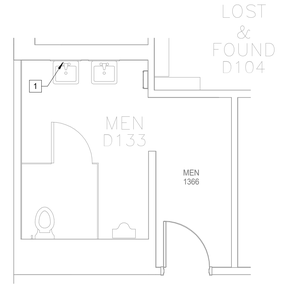
SHEET NUMBER
P-321-J



6 **PLUMBING ENLARGED FLOOR PLAN - LEVEL 02 - BOYS C258**
Scale: 1/4" = 1'-0"



5 **PLUMBING ENLARGED FLOOR PLAN - LEVEL 01 - TOILET J138**
Scale: 1/4" = 1'-0"



4 **PLUMBING ENLARGED FLOOR PLAN - LEVEL 01 - MEN D133**
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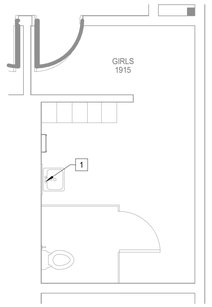
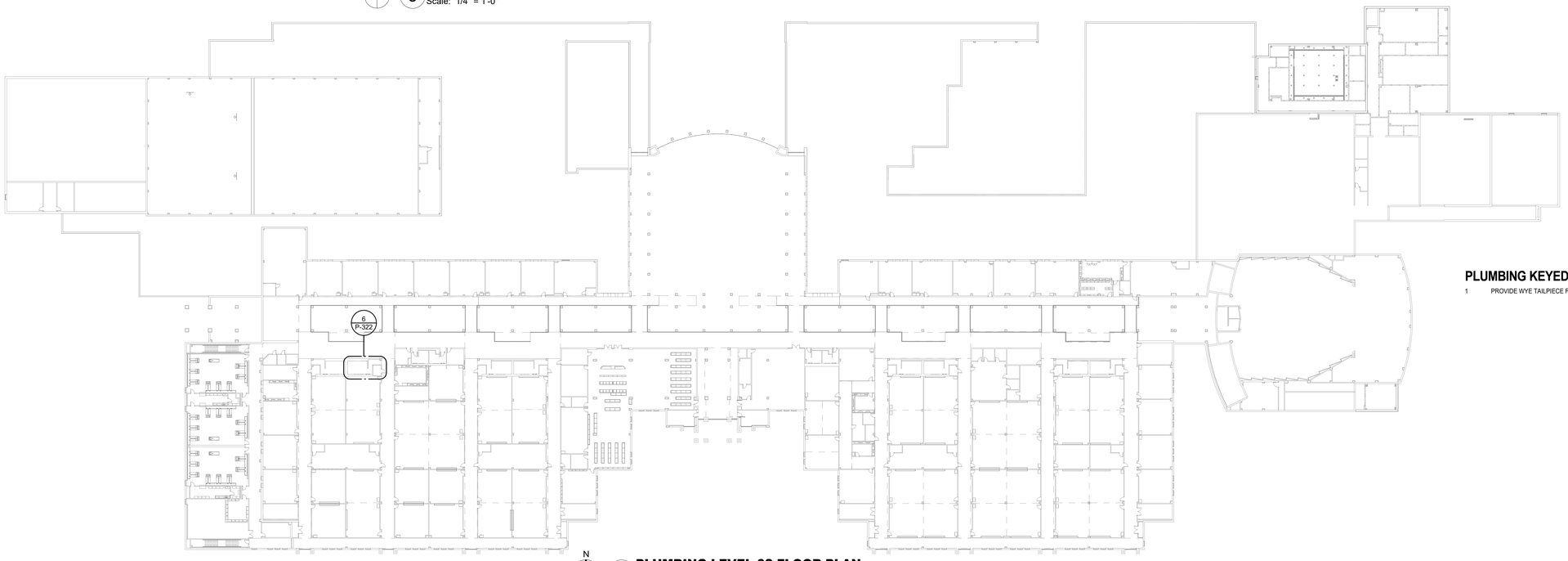
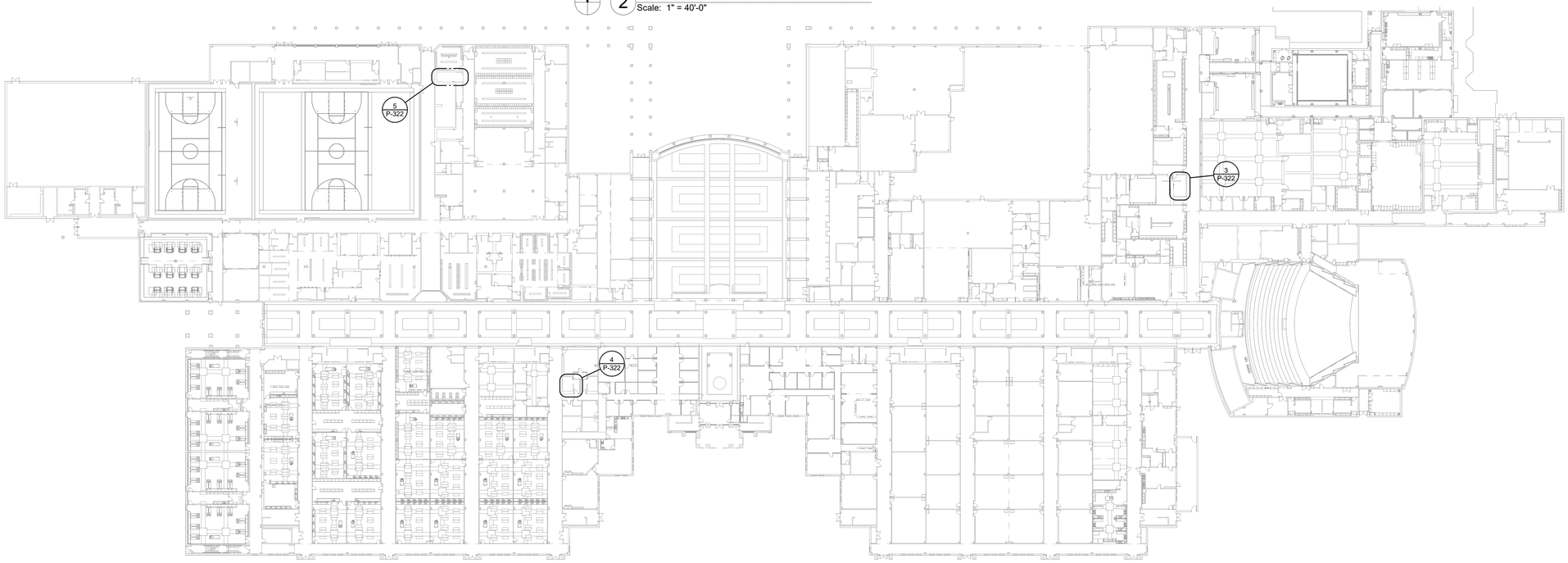


3 **PLUMBING ENLARGED FLOOR PLAN - LEVEL 01 - GIRLS H153**
Scale: 1/4" = 1'-0"



2 **PLUMBING LEVEL 02 FLOOR PLAN**
Scale: 1" = 40'-0"



1 **PLUMBING LEVEL 01 FLOOR PLAN**
Scale: 1" = 40'-0"

PLUMBING KEYED NOTES

1 PROVIDE WYE TAILPIECE FOR CONDENSATE.

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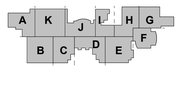
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING COMPOSITE FLOOR PLANS

SHEET NUMBER
P-322

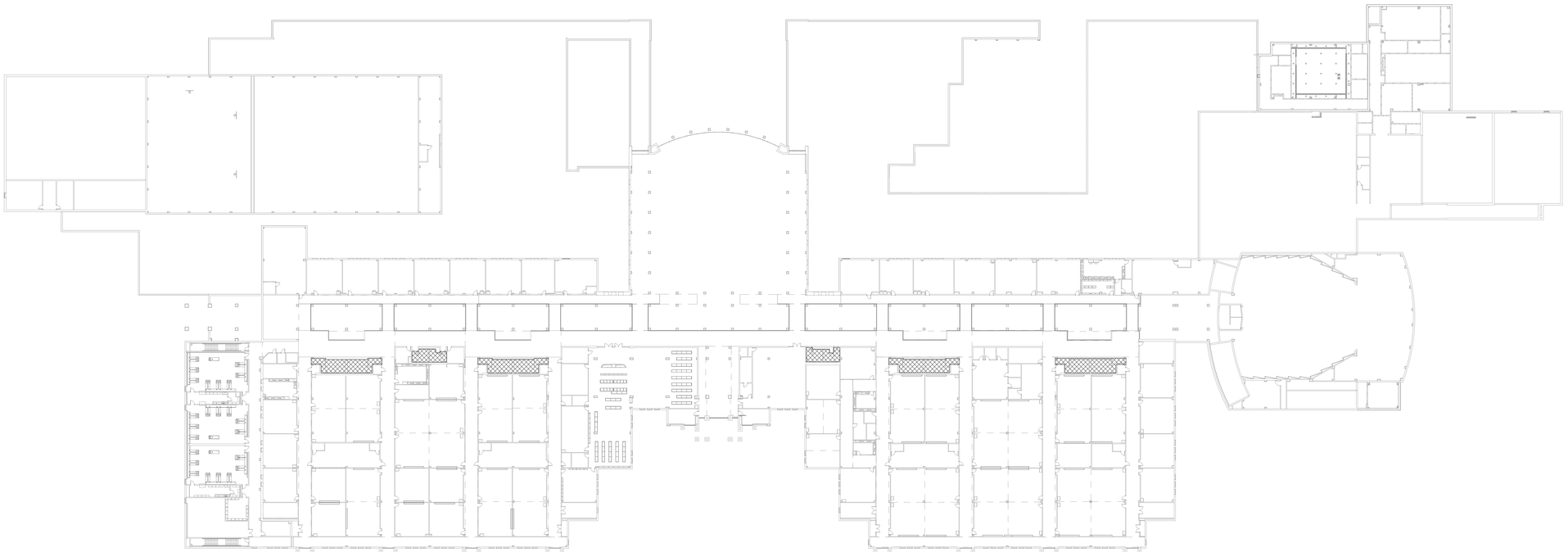
GENERAL NOTE:

1. CROSS HATCHED AREAS INDICATE CEILING WITH GYPSUM BOARD. REFER TO ARCHITECTURALS CEILING PLANS TO VERIFY EXACT AREAS OF WORK AND EXTENT OF REPLACEMENT.

FIRE SPRINKLER SYSTEM NOTES

A. EXISTING FIRE SPRINKLER SYSTEM TO BE MAINTAINED IN FULL OPERATING ORDER FOR ENTIRE BUILDING AT ALL TIMES. LICENSED SPRINKLER ENGINEER OR LICENSED SPRINKLER CONTRACTOR, TO PROVIDE DRAWINGS AND HYDRAULIC CALCULATIONS FOR CHANGES TO EXISTING SYSTEM AND TO COMPLY WITH NEW SPACE LAYOUT. NFPA 13, ALL STATE AND LOCAL REQUIRMENTS. REFER TO SPECIFICATIONS AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

B. REFER TO SPECIFICATIONS FOR PIPE MATERIALS.



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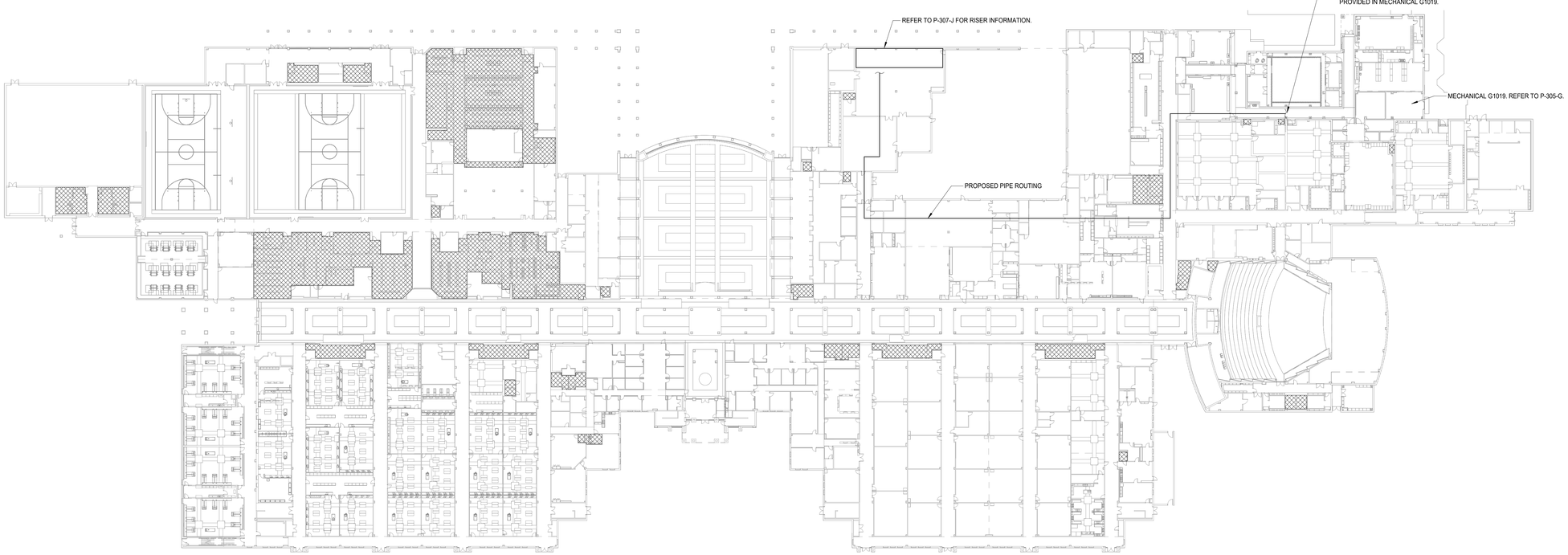
2 **PLUMBING COMPOSITE FIRE SPRINKLER FLOOR PLAN - LEVEL 2**
Scale: 1" = 40'-0"



N

1 **PLUMBING COMPOSITE FIRE SPRINKLER FLOOR PLAN - LEVEL 1**
Scale: 1" = 40'-0"

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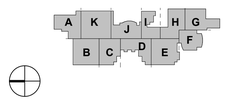
KEYPLAN



REVISION HISTORY

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PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

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2024 CY RIDGE HS RENOVATION
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING COMPOSITE FLOOR PLANS - FIRE SPRINKLER

SHEET NUMBER
P-323

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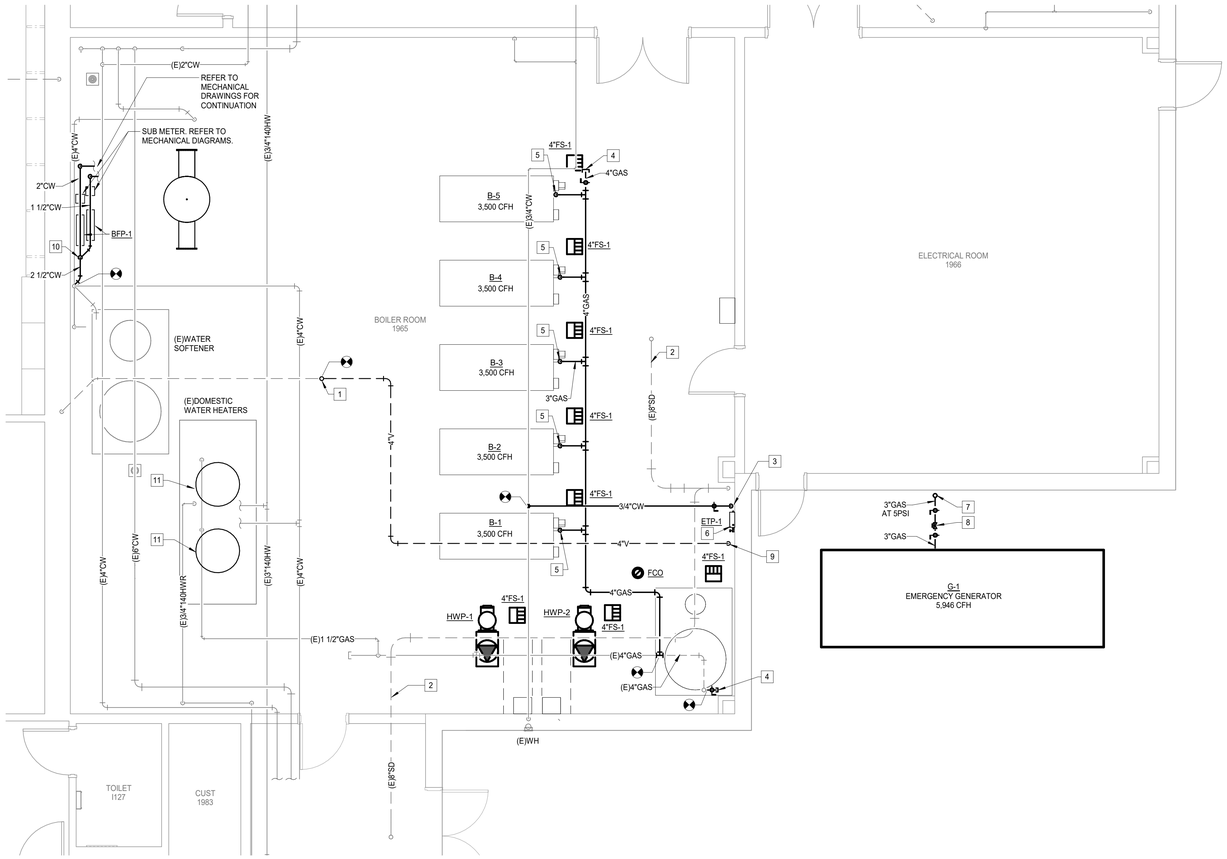
PLUMBING KEYED NOTES

1. 4" VENT UP TO 4" VTR.
2. EXISTING STORM PIPING TO REMAIN.
3. 3/4" CW DOWN.
4. VALVE AND CAP FOR FUTURE CONNECTION.
5. 3" GAS DOWN TO SERVE BOILER. PRESSURE REGULATOR FROM 5.5PSI TO 8 0Z AT 60" A.F.F. 3,500 CFH. 2-1/2" GAS DOWNSTREAM OF PRESSURE REGULATOR.
6. ELECTRONIC TRAP PRIMER TO SERVE APRROX. 8 NEW FLOOR SINKS.
7. 3" GAS FROM FROM ABOVE
8. PRESSURE REGULATOR FROM 5 PSI TO 8 OZ. 5,946 CFH.
9. 4" VENT FROM BELOW.
10. 2-1/2" CW DOWN.
11. EXISTING GAS WATER HEATERS TO REMAIN. EXTEND EXISTING AIR INTAKE TO ROOF. ENSURE PROPER SPACING AND VENT PIPE SIZING PER MANUFACTURER REQUIREMENTS.



N

1 **PLUMBING ENLARGED FLOOR PLAN - LEVEL 01 - BOILER ROOM**
Scale: 1/4" = 1'-0"

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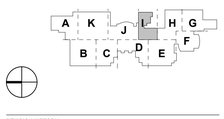

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INDEPENDENT SCHOOL DISTRICT

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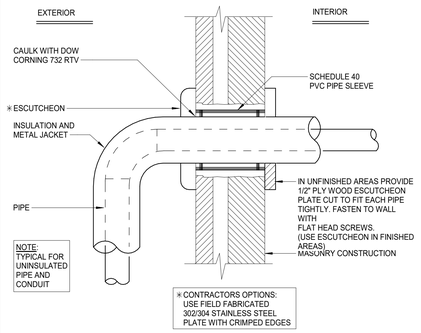
SHEET NAME
PLUMBING ENLARGED FLOOR PLANS

SHEET NUMBER
P-324

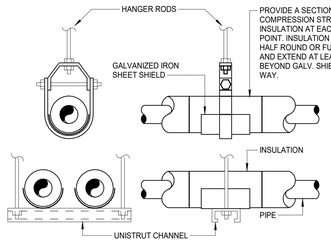
PSL03- XX/XX/XX



15 EXTERIOR WALL PENETRATION
SCALE: NONE

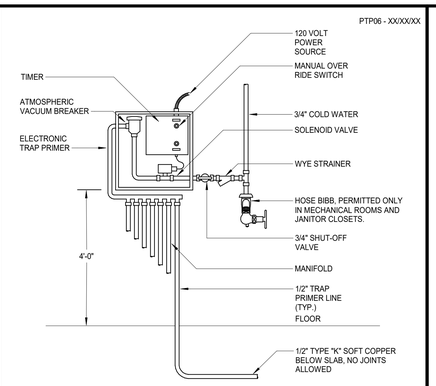
PP01 - XX/XX/XX

MINIMUM DIMENSIONS OF GALVANIZED SHEETMETAL PROTECTION SHIELDS AT PIPE HANGERS		
NOMINAL SIZE PIPE	SHIELD LENGTH (IN.)	GAUGE THICKNESS
1/2" & 3/4"	12	18
1" - 2-1/2"	12	18
3" - 4"	16	18
6"	18	16



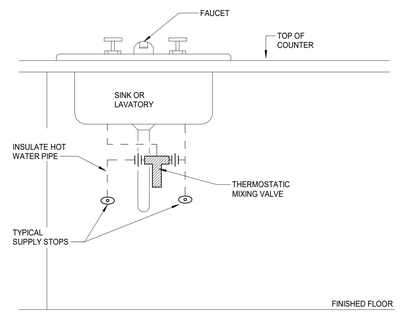
11 PIPE SHIELDS FOR INSULATED PIPING
SCALE: NONE

PTP06 - XX/XX/XX



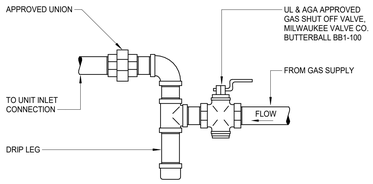
7 ELECTRONIC TRAP PRIMER
SCALE: NONE

PHW04 - 08/10/20



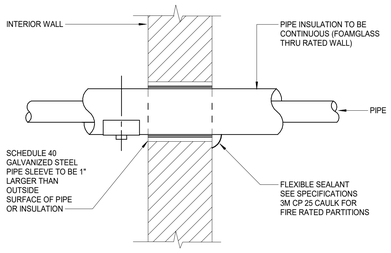
4 THERMOSTATIC MIXING VALVE AT SINK/LAVATORY DUAL TEMPERATURE
SCALE: NONE

PNG03 - XX/XX/XX



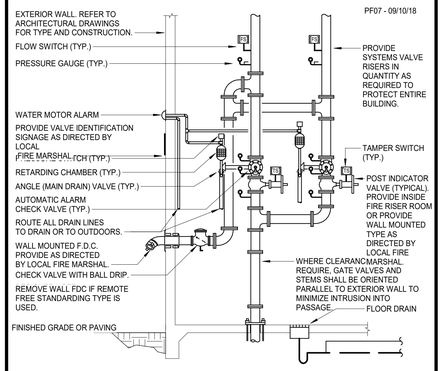
14 GAS CONNECTION
SCALE: NONE

PSL01- XX/XX/XX

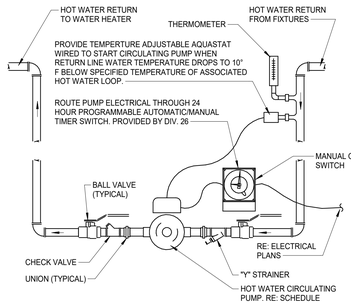


10 INTERIOR WALL PENETRATION
SCALE: NONE

PF07 - 09/10/18



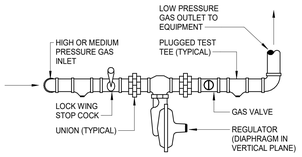
6 FIRE ENTRY PIPING
SCALE: NONE



NOTE: MOUNT AT 54"-60" A.F.F. UNLESS NOTED OTHERWISE ON PLANS.

3 HOT WATER CIRCULATING PUMP
SCALE: NONE

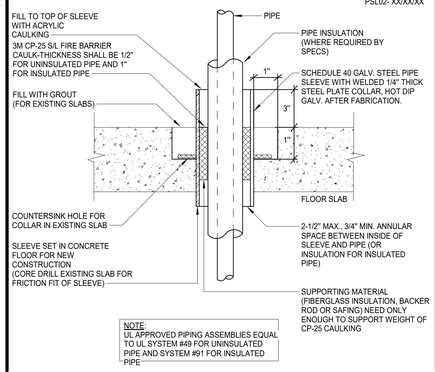
PNG02 - XX/XX/XX



NOTE: REFERENCE DRAWINGS FOR PIPE SIZES.

13 GAS PRESSURE REGULATOR PIPING
SCALE: NONE

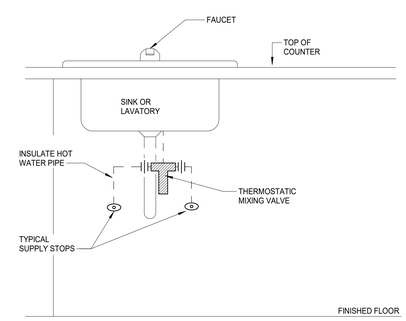
PSL02- XX/XX/XX



NOTE: UL APPROVED PIPING ASSEMBLIES EQUAL TO UL SYSTEM #49 FOR UNINSULATED PIPE AND SYSTEM #91 FOR INSULATED PIPE

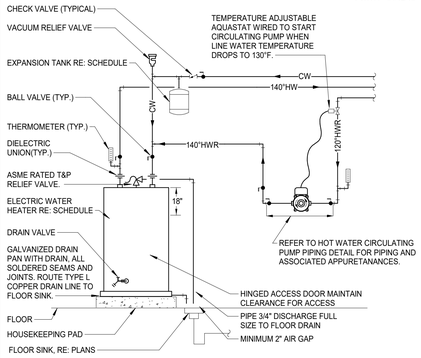
9 INTERIOR FLOOR PENETRATION
SCALE: NONE

PHW04 - 08/10/20



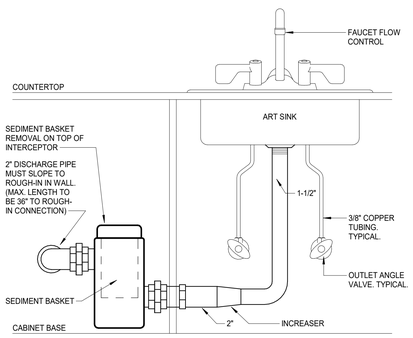
5 THERMOSTATIC MIXING VALVE AT SINK/LAVATORY SINGLE TEMPERATURE
SCALE: NONE

PWH11 - 04/12/18



2 ELECTRIC WATER HEATER PIPING
SCALE: NONE

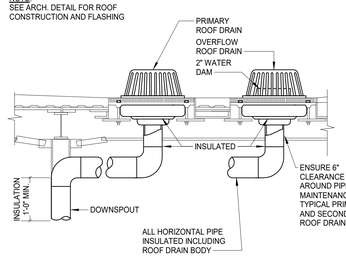
PI02 - XX/XX/XX



12 ART SINK SOLIDS INTERCEPTOR
SCALE: NONE

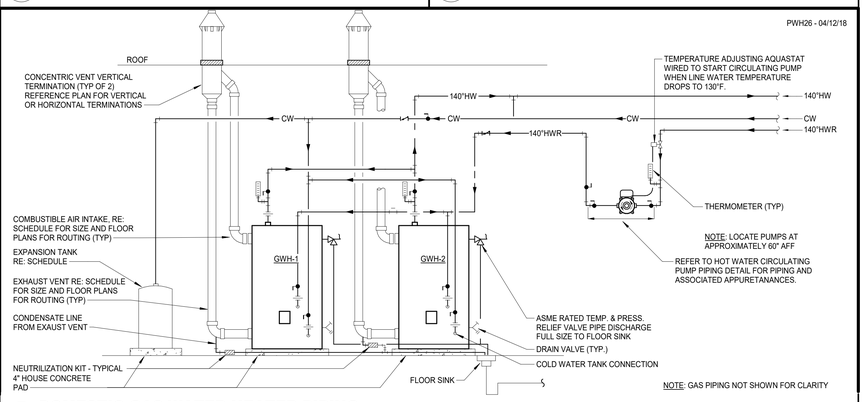
PST02 - 10/29/20

NOTE: SEE ARCH. DETAIL FOR ROOF CONSTRUCTION AND FLASHING



8 STORM DRAIN INSULATION
SCALE: NONE

PWH26 - 04/12/18



NOTE: GAS PIPING NOT SHOWN FOR CLARITY

1 DOMESTIC GAS WATER HEATER PIPING
SCALE: NONE

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10930 W. Sam Houston Pkwy North, Suite 900
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Registration: F-4111
Project No: 2023-05942-00

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

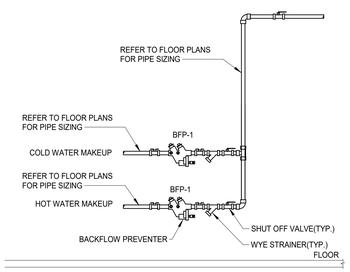
PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
DRAWN BY	CHECKED BY
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DETAILS

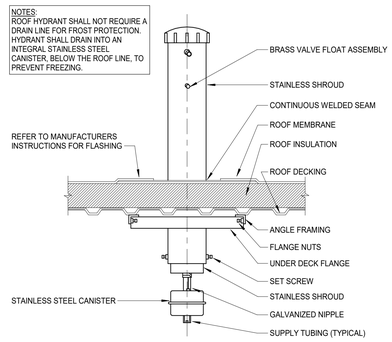
SHEET NUMBER
P-401

PSAN08- XX/XX/XX



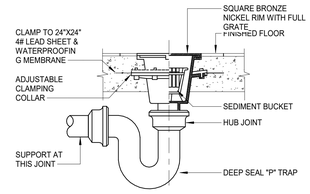
12 BACKFLOW PREVENTER STATION PIPING
SCALE: NONE

PSAN08- XX/XX/XX



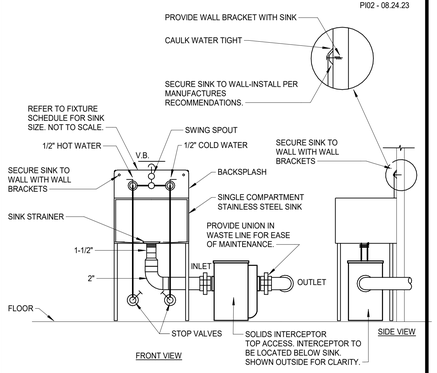
8 ROOF HYDRANT DETAIL
SCALE: NONE

PSAN08- XX/XX/XX



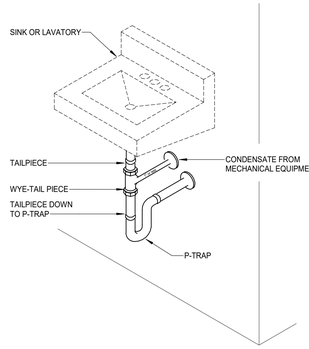
4 FLOOR SINK
SCALE: NONE

PI02 - 08.24.23



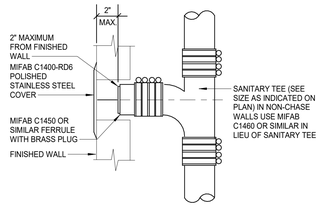
14 SINK WITH SOLIDS INTERCEPTOR
SCALE: NONE

PSAN08- XX/XX/XX



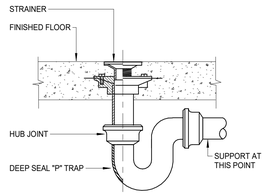
11 WYE TAILPIECE FOR CONDENSATE
SCALE: NONE

PSAN03- XX/XX/XX



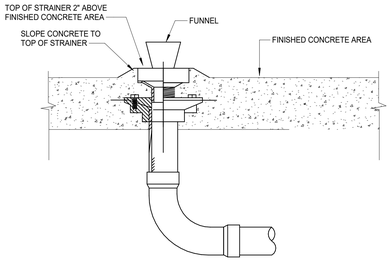
7 WALL CLEANOUT
SCALE: NONE

PSAN07- XX/XX/XX



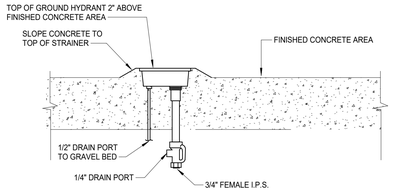
3 FLOOR DRAIN
SCALE: NONE

PCON04 - XX/XX/XX



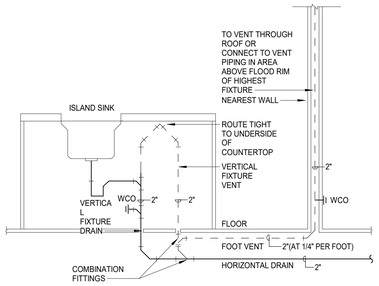
13 OUTDOOR CONDENSATE DRAIN
SCALE: NONE

PCON04 - XX/XX/XX



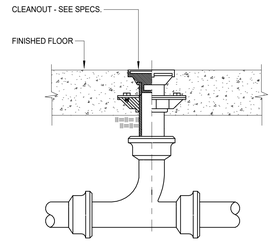
10 OUTDOOR GROUND HYDRANT
SCALE: NONE

PSAN13- XX/XX/XX



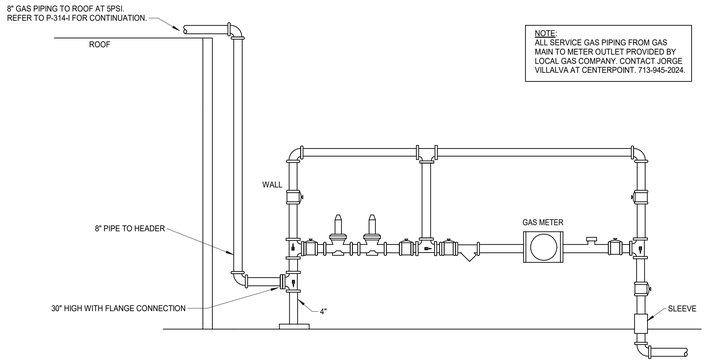
6 TYPICAL ISLAND SINK PIPING
SCALE: NONE

PSAN01- XX/XX/XX



2 FLOOR CLEANOUT
SCALE: NONE

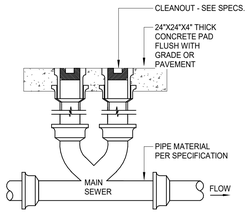
PNG01 - XX/XX/XX



NOTE:
ALL SERVICE GAS PIPING FROM GAS MAIN TO METER OUTLET PROVIDED BY LOCAL GAS COMPANY. CONTACT JORGE VILLALVA AT CENTERPOINT. 713-945-2024.

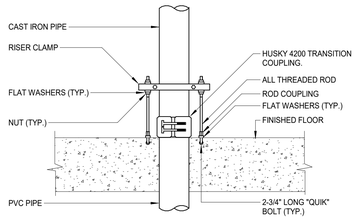
9 GAS METER PIPING
SCALE: NONE

PSAN05- XX/XX/XX



5 TWO-WAY EXTERIOR CLEANOUT
SCALE: NONE

PSAN12- 05/16/24



NOTE:
1. MAKE CONNECTION FROM PVC BELOW SLAB TO CAST IRON ABOVE SLAB WITH HUSKY 4200 TRANSITION COUPLING.
2. THERE IS TO BE NO EXPOSED PVC ABOVE SLAB.

1 CAST IRON TO PVC TRANSITION
SCALE: NONE

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS 80219 LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DETAILS

SHEET NUMBER
P-402

PLUMBING PIPING LEGEND

SYMBOLS	DESCRIPTION
SAN	SANITARY OR WASTE PIPING ABOVE GRADE (SAN)
SAN	SANITARY OR WASTE PIPING BELOW GRADE (SAN)
GW	GREASE WASTE PIPING (GW)
GW	GREASE WASTE PIPING BELOW GRADE (GW)
SD	STORM DRAIN PIPING (SD)
SD	STORM DRAIN PIPING BELOW GRADE (GW)
SSD	SUB-SOIL DRAIN OR FOOTING DRAIN (SSD)
AW	ACID WASTE PIPING (AW)
AW	ACID WASTE PIPING BELOW GRADE (AW)
PD	PUMPED DISCHARGE (PD)
CD	CONDENSTATE DRAIN PIPING (CD)
D	CONDENSTATE - INDIRECT DRAIN PIPING (D)
	VENT PIPING (V)
CW	COLD WATER PIPING (CW)
HW	HOT WATER PIPING (HW)
HWR	HOT WATER RETURN PIPING (HWR)
SCW	SOFT COLD WATER PIPING (SCW)
CDW	CHILLED DRINKING WATER PIPING (CDW)
TP	TRAP PRIMER LINE (TP)
F	FIRE PROTECTION PIPING (F)
AS	AUTOMATIC SPRINKLER PIPING (AS)
GAS	NATURAL GAS PIPING (G)
GV	GAS VENT PIPING (GV)
AIR	COMPRESSED AIR PIPING (A)
	FLOW DIRECTIONAL ARROW
	SHUT-OFF VALVE
	BALANCING VALVE (BV)
	SOLENOID VALVE (SV)
	BALL VALVE (BV)
	BUTTERFLY VALVE
	LUBRICATED PACKED PLUG STOP STOP COCK (PC)
	HORIZONTAL SWING CHECK
	UNION
	HORIZONTAL SWING CHECK
	REDUCER OR INCREASER
	ECCENTRIC REDUCER
	REDUCED PRESSURE BACKFLOW PREVENTER (RPBFP)
	PIPING DOWN
	RISE OR DROP PIPING
	PIPING UP -OR- PIPING UP & DOWN
	CAP ON END OF PIPE
	CLEANOUT (WALL OR CEILING) (CO)
	FLOOR CLEANOUT (FCO)
	EXTERIOR CLEANOUT WITH 18"x18"x4" CONCRETE PAD (ECO)
	TWO-WAY CLEANOUT (PROVIDE 18"x24"x4" CONCRETE PAD OUTSIDE)
	FIRE DEPARTMENT VALVE AT RISER
	FIRE HYDRANT
	FIRE DEPARTMENT CONNECTION
	PRESSURE REDUCING VALVE (PRV)
	BRANCH CONNECTION OUT OF TOP
	BRANCH CONNECTION OUT OF BOTTOM
	BRANCH CONNECTION OUT OF SIDE
	WYE & 1/8TH BEND BRANCH CONNECTION
	WYE BRANCH CONNECTION
	HOSE BIBB
	PRESSURE GAUGE WITH COCK
	THERMOMETER
	GAS PRESSURE REGULATOR
	TEST COCK
	GAS METER
	WALL HYDRANT
	VALVE IN RISE
	ASME TEMPERATURE & PRESSURE RELIEF VALVE
	VACUUM RELIEF VALVE
	ANGLE VALVE
	OS&Y VALVE
	ROOF DRAIN
1	REFER TO KEYED NOTE
FS	FLOW SWITCH
	FLOOR SINK (FS)
	FLOOR DRAIN (FD)
	FLOOR DRAIN WITH P-TRAP (FD)
	FLOOR DRAIN WITH P-TRAP AT 45° ANGLE (FD)
	HUB DRAIN (HD)
	ACCESS PANEL FOR TRAP PRIMER OR SHOCK ABSORBER
AP	ACCESS PANEL LOCATION SYMBOL
A	SHOCK ABSORBER
	AIR CHAMBER
(E)	EXISTING
(N)	NEW
VTR	VENT THRU ROOF
B.F.F.	BELOW FINISHED FLOOR
A.F.F.	ABOVE FINISHED FLOOR
	NEW CONNECTION
IE=100.00'	INVERT ELEVATION
1	DELTA CHANGE SYMBOL
P / 1 4" VTR	RISER FLAG

ELECTRIC WATER HEATER SCHEDULE

Mark	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	STORAGE CAPACITY	KW	WH GALS. PER HR. RECOVERY RATE 100°F RISE	STORED WATER TEMP	ELECTRICAL CHAR. V	ELECTRICAL CHAR. P	REMARKS
EWH-1	AO SMITH	DSE-30A	30 GAL	12.3	50	140	480	3	

GAS WATER HEATER SCHEDULE

MARK	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	STORAGE CAPACITY (GAL)	BTU/HR. INPUT	WH GALS. PER HR. RECOVERY RATE 100°F RISE	STORED WATER TEMP	ELECTRICAL CHAR. V	ELECTRICAL CHAR. P	REMARKS
GWH-1	AO SMITH	BTH-199(A)	100 GAL	199,900	235	140 °F	480	3	
GWH-2	AO SMITH	BTH-199(A)	100 GAL	199,900	235	140 °F	480	3	

DOMESTIC HW EXPANSION TANK SCHEDULE

Type Mark	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	DESCRIPTION	MAX WORK PRESSURE (PSI)	TANK VOLUME GALLONS	MAX. ACCEPT. GALLONS	DIAMETER (INCHES)
ET-1	AMTROL	ST-5C-DD	HOT WATER EXPANSION TANK	150	2	.9	8"
ET-2	AMTROL	ST-30VC-DD	HOT WATER EXPANSION TANK	150	16.5	11.2	15"

CIRCULATION PUMP SCHEDULE

MARK	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	DESCRIPTION	TYPE	GPM HP	HEAD FEET	HP MIN	ELECTRICAL CHAR. V	ELECTRICAL CHAR. P	MAX RPM
CP-1	GRUNDFOS	ALPHA HWR 15-29	CIRCULATION PUMP	INLINE BRONZE	2	5	1/25	120	1	2400
CP-2	GRUNDFOS	ALPHA HWR 15-55	CIRCULATION PUMP	INLINE BRONZE	4	11	1/25	120	1	2400

NOTES:
1. DOMESTIC CIRCULATING PUMPS SHALL BE FACTORY SET TO AUTOADAPT.
2. CP-1 TO BE CONNECTED TO EWH-1
3. CP-2 TO BE CONNECTED TO GHW-1 AND GWH-2.

GAS EQUIPMENT DEMOLITION SCHEDULE

EQUIPMENT NUMBER	DESCRIPTION	BTU PER HOUR LOAD	TOTAL BTU PER HOUR	TOTAL CFH
(E)GEN.	EMERGENCY GENERATOR	2,700,000 BTUH	2,700,000 BTUH	2,700 CFH
(E)BOILER	DOMESTIC HW BOILER	2,000,000 BTUH	2,000,000 BTUH	2,000 CFH
(E)BOILER (2)	MECHANICAL BOILER	8,370,00 BTUH	8,370,00 BTUH	16,740 CFH
TOTALS:			21,440,000 BTUH	21,440 CFH

GAS EQUIPMENT SCHEDULE

EQUIPMENT NUMBER	DESCRIPTION	BTU PER HOUR LOAD	TOTAL BTU PER HOUR	TOTAL CFH
EG-1	EMERGENCY GENERATOR	5,946,000 BTUH	5,946,000 BTUH	5,946 CFH
GWH-1	GAS WATER HEATER	199,000 BTUH	199,000 BTUH	199 CFH
GWH-2	GAS WATER HEATER	199,000 BTUH	199,000 BTUH	199 CFH
B-1, B-2, B-3, B-4, B-5	MECHANICAL BOILER	3,500,000 BTUH	3,500,000 BTUH	17,500 CFH
TOTALS:			23,844,000 BTUH	23,844 CFH

SHOCK ARRESTOR SCHEDULE

P.D.I. SYMBOLS:	FIXTURE UNITS:	THREADED CONNECTION	CERTIFICATION
A	1 - 11	1/2"	ASSE 1010
B	12 - 32	3/4"	ASSE 1010
C	33 - 60	1"	ASSE 1010
D	61 - 113	1"	ASSE 1010
E	114 - 154	1"	ASSE 1010
F	155 - 330	1"	ASSE 1010

PLUMBING GENERAL NOTES

1. WITHIN THE EXISTING BUILDING, EXISTING WATER, WASTE AND VENT SERVICES ARE TO BE MODIFIED AS REQUIRED AND REUSED FOR THE INSTALLATION OF NEW AND/OR RELOCATED PLUMBING FIXTURES. REFER TO PLUMBING FLOOR PLANS FOR POINTS OF CONNECTION.
2. WITHIN THE EXISTING BUILDING, SAWCUT AND REMOVE EXISTING FLOOR SLAB AS REQUIRED TO PROVIDE NEW AND/OR RELOCATED PLUMBING FIXTURES, CLEANOUTS, AND UNDERSLAB WASTE AND VENT PIPING. PATCH AND REFINISH FLOOR TO MATCH EXISTING.
3. IN AREAS WHERE THE FLOOR SLAB IS REMOVED, CONTRACTOR SHALL ALSO REMOVE UNDERSLAB WASTE AND VENT PIPING WHICH SERVES FIXTURES DESIGNATED FOR REMOVAL. PRIOR TO ANY REMOVAL, FIELD VERIFY THAT LINES TO BE REMOVED DO NOT SERVE ANY EXISTING FIXTURES TO REMAIN OR NEW FIXTURES TO BE INSTALLED.
4. IN AREAS WHERE THE FLOOR SLAB IS NOT REMOVED, CONTRACTOR SHALL ABANDON IN PLACE ANY UNDERSLAB WASTE AND VENT PIPING NO LONGER NEEDED, UNLESS THE PIPING MUST BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION. IF NEW WORK DOES NOT NECESSITATE THEIR REMOVAL, CUT AND PLUG SUCH LINES BELOW SLAB, AND PATCH FLOOR TO MATCH EXISTING.
5. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH, DIRECTION OF FLOW, CAPACITY, PIPE MATERIAL AND CONDITION OF EXISTING WASTE PIPING PRIOR TO BEGINNING CONSTRUCTION. ENSURE THAT PROPER CONNECTIONS TO AND EXTENSION OF SUCH UTILITIES CAN BE MADE.
6. WASTE LINES TO BE RE-USED OR RECONNECTED TO SHALL BE THOROUGHLY RODDED OUT AND FLUSHED TO ENSURE THEY ARE FREE FROM BLOCKAGES.
7. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLAB WITH COLUMN FOOTINGS, GRADE BEAMS, UNDERGROUND PLUMBING AND ELECTRICAL UTILITIES, AND OTHER SUB-SURFACE BUILDING ELEMENTS.
8. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.
9. CONTRACTOR TO COORDINATE ALL REMODEL WORK WITH THE WORK OF OTHER TRADES TO AVOID CONFLICTS AND TO MINIMIZE INTERRUPTION OF SERVICES.
10. COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST ARCHITECTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO ANY ROUGH-INS.
11. DO NOT ROUGH-IN FROM THESE DRAWINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
12. CONTRACTOR TO FIELD VERIFY AS NECESSARY THE EXACT ROUTING AND SIZES OF ALL PIPING.
13. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.
14. THE PROPER INSTALLATION OF NEW FIXTURES AND THE PROPER CONTINUED OPERATION OF EXISTING FIXTURES TO REMAIN SHALL DETERMINE THE EXTENT AND NATURE OF PLUMBING REMODEL WORK.
15. EACH VENT SHALL TERMINATE VERTICALLY NOT LESS THAN 6" ABOVE ROOF, MAINTAIN MINIMUM 10'-0" DISTANCE BETWEEN VENT TERMINALS THROUGH ROOF AND ALL FRESH AIR INTAKES, AND A MINIMUM 5'-0" FROM ANY EXTERIOR WALL.
16. PRIOR TO BEGINNING CONSTRUCTION, COORDINATE BUILDING BACKFLOW PREVENTION REQUIREMENTS WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND PROVIDE AS DIRECTED.

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Registration: F-4111
Project No: 2023-05942-00

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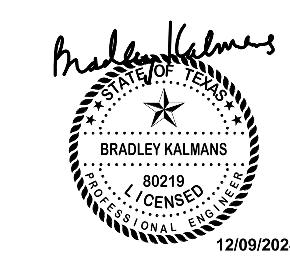
REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



12/09/2024

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
BR	EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING DETAIL, LEGEND AND SCHEDULES

SHEET NUMBER
P-501

PLUMBING FIXTURE SCHEDULE

TYPE: SK-X1 - (T.A.S. COMPLIANT) - SCIENCE TEACHER LAB ISLAND SINK
DESCRIPTION: SINK, COUNTER MOUNTED, ACID RESISTANT, FURNISHED AND INSTALLED BY ARCHITECTURAL DIVISION.
FAUCET: COLD WATER SINK FAUCET FURNISHED BY OTHERS AND INSTALLED BY DIVISION 22.
STRAINER: ACID RESISTANT SINK STRAINER AND TAILPIECE FURNISHED BY ARCHITECTURAL DIVISION AND INSTALLED BY DIVISION 22.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" ACID WASTE, 2" ACID VENT, 1/2" COLD WATER ONLY. REFER TO ARCHITECTURAL/CASEWORK DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-X2 (T.A.S. COMPLIANT FOR STUDENTS) - SCIENCE LAB SINK
DESCRIPTION: SINK, COUNTER MOUNTED, ACID RESISTANT, FURNISHED AND INSTALLED BY ARCHITECTURAL DIVISION.
FAUCET: COLD WATER SINK FAUCET FURNISHED BY ARCHITECTURAL DIVISION AND INSTALLED BY DIVISION 22.
STRAINER: ACID RESISTANT OFFSET WHEELCHAIR SINK STRAINER AND OFFSET TAILPIECE FURNISHED BY ARCHITECTURAL DIVISION AND INSTALLED BY DIVISION 22.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D. CHROME PLATED, LOOSE KEY STOP VALVE WITH ESCUTCHEON, AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISER. MCGUIRE 2165LK.
ROUGH-IN: 2" ACID WASTE, 2" ACID VENT, 1/2" COLD WATER ONLY. REFER TO ARCHITECTURAL/CASEWORK DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-X3 - (NON T.A.S. COMPLIANT) - SCIENCE LAB SINK
DESCRIPTION: SINK, COUNTER MOUNTED, 300 SERIES STAINLESS STEEL 14 GAUGE, OVERALL DIMENSIONS 8'-3" X 1'-11 1/2", SINGLE COMPARTMENT, CENTERED BOWL DIMENSIONS 95" X 19.5" X 18" DEEP, 3-1/2" RIGHT ALIGNED SINGLE DRAIN, NO FAUCET LEDGE, 2" WIDE LIP AROUND BOWL. ELKAY #CUSTOM ORDER.
FAUCET: COLD WATER SINK FAUCET FURNISHED BY OTHERS AND INSTALLED BY DIVISION 22.
STRAINER: ACID RESISTANT SINK STRAINER AND TAILPIECE FURNISHED BY ARCHITECTURAL DIVISION AND INSTALLED BY DIVISION 22.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" ACID WASTE, 2" ACID VENT, 1/2" COLD WATER ONLY. REFER TO ARCHITECTURAL/CASEWORK DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-X4 (STUDENTS) - SCIENCE LARGE BASIN SINK
DESCRIPTION: SINK, COUNTER MOUNTED, ACID RESISTANT, FURNISHED AND INSTALLED BY ARCHITECTURAL DIVISION.
FAUCET: COLD WATER SINK FAUCET FURNISHED BY ARCHITECTURAL DIVISION AND INSTALLED BY DIVISION 22.
STRAINER: ACID RESISTANT SINK STRAINER AND TAILPIECE FURNISHED BY ARCHITECTURAL DIVISION AND INSTALLED BY DIVISION 22. PROVIDE GEORGE FISCHER "FUSEAL" JAR TRAP. 1-1/2". MODEL #527242C.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D. CHROME PLATED, LOOSE KEY STOP VALVE WITH ESCUTCHEON, AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISER. MCGUIRE 2165.
ROUGH-IN: 2" ACID WASTE, 2" ACID VENT, 1/2" COLD WATER ONLY. REFER TO ARCHITECTURAL/CASEWORK DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-X5 (T.A.S. COMPLIANT) - SCIENCE LAB SINK
DESCRIPTION: SINK, COUNTER MOUNTED, ACID RESISTANT, FURNISHED AND INSTALLED BY ARCHITECTURAL DIVISION.
FAUCET: COLD WATER SINK FAUCET FURNISHED BY ARCH. DIVISION AND INSTALLED BY DIVISION 22.
STRAINER: ACID RESISTANT SINK STRAINER AND TAILPIECE FURNISHED BY ARCHITECTURAL DIVISION AND INSTALLED BY DIVISION 22.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" ACID WASTE, 2" ISLAND ACID VENT, 1/2" COLD WATER ONLY. REFER TO ARCHITECTURAL/CASEWORK DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-X6 - (T.A.S. COMPLIANT) - SCIENCE TEACHER LAB ISLAND SINK
DESCRIPTION: SINK, COUNTER MOUNTED, ACID RESISTANT, FURNISHED AND INSTALLED BY ARCHITECTURAL DIVISION.
FAUCET: COLD AND HOT WATER SINK FAUCET FURNISHED BY OTHERS AND INSTALLED BY DIVISION 22.
STRAINER: ACID RESISTANT SINK STRAINER AND TAILPIECE FURNISHED BY ARCHITECTURAL DIVISION AND INSTALLED BY DIVISION 22.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" ACID WASTE, 2" ACID VENT, 1/2" COLD AND HOT WATER. REFER TO ARCHITECTURAL/CASEWORK DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-X7 (T.A.S. COMPLIANT) - SCIENCE PREP ROOM SINK
DESCRIPTION: SINK, COUNTER MOUNTED, ACID RESISTANT, FURNISHED AND INSTALLED BY ARCHITECTURAL DIVISION.
FAUCET: HOT AND COLD WATER SINK FAUCET FURNISHED BY ARCH. DIVISION AND INSTALLED BY DIVISION 22.
STRAINER: ACID RESISTANT OFFSET WHEELCHAIR SINK STRAINER AND OFFSET TAILPIECE FURNISHED BY ARCH. DIVISION AND INSTALLED BY DIVISION 22. DIVISION 22 TO PROVIDE 1-1/2" PVC BRANCH WYE.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" ACID WASTE, 2" ISLAND ACID VENT, 1/2" HOT AND COLD WATER ONLY. REFER TO ARCHITECTURAL/CASEWORK DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: L-1 (T.A.S. COMPLIANT) - HOT AND COLD COUNTER SINK
DESCRIPTION: LAVATORY, COUNTER MOUNTED HIGH GLOSS STAIN RESISTANT VITREOUS CHINA, 20-3/8" X 17-3/8" X 5-5/8". AMERICAN STANDARD "AQUALYN" #0476.28.
FAUCET: CHROME PLATED BRASS DECK MOUNTED LAVATORY FAUCET WITH COVER PLATE, 4" SPOUT, PUSH BUTTON HANDLES INDEXED "PUSH", SELF CLOSING METERING CARTRIDGE, VANDAL RESISTANT 0.5 GPM PRESSURE COMPENSATING NON AERTING LAMINAR FLOW OUTLET. CHICAGO #802-E66VP-665ABCP.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (110 F)
STRAINER: 1-1/4" 17 GAUGE CHROME PLATED BRASS GRID STRAINER WITH TAILPIECE. MCGUIRE #155A.
P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE #8872C.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE #LFH2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" COLD AND HOT WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: HS-1 (T.A.S. COMPLIANT) - HOT AND COLD WATER
DESCRIPTION: LAVATORY, WALL HUNG, VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARM SUPPORTS, FAUCET HOLES ON 4" CENTERS. AMERICAN STANDARD "LUCERNE" 0355.012.
FAUCET: CHROME PLATED, 4" FIXED CNETERS, 4" VANDAL PROOF CHROME PLATED WRISTBLADE HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, 5-1/4" RIGID/SWING GOOSENECK SPOUT, 1.5 GPM VNADAL PROOF NON AERATING LAMINAR FLOW OUTLET. CHICAGO #895-317GN2E64VPXKABCP.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
STRAINER: 1-1/4" 17 GAUGE CHROME PLATED BRASS GRID STRAINER WITH TAILPIECE. MCGUIRE #155A.
P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE #8872C.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE #LFH2165LK.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE WITH (3) 1/2" BOLTS, ADJUSTABLE SLEEVE, THREADED CONCEALED ARMS, ALIGNMENT BAR, LOCKING DEVICE, AND LEVELING SCREWS. WADE #520-08.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" COLD AND HOT WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-1 (T.A.S. COMPLIANT) - LIFE SKILLS KITCHEN
DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, 33" X 19-1/2" X 5-1/2" DEEP, TWO COMPARTMENT WITH FAUCET DECK. THREE FAUCET HOLES ON 4" CENTERS. ELKAY #LRAD-3319.
FAUCET: CHROME PLATED BRASS DECK MOUNTED FITTING WITH 8" RIGED/SWING SPOUT AND VANDAL PROOF 4" WRISTBLADE HANDELS ON 8" CENTERS. QUARTER TURN CERAMIC DISC OPERATING CARTRIDGES, VANDAL RESISTANT 1.5 GPM PRESSURE COMPENSATING LAMINAR NON-AERATING OUTLET. CHICAGO #201-G8AE63VP-317XKAB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-2 (T.A.S. COMPLIANT) - DRAFTING ROOM
DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, 19-1/2" X 19" X 5-1/2" DEEP, SINGLE COMPARTMENT WITH FAUCET DECK. THREE FAUCET HOLES ON 4" CENTERS. ELKAY #LRAD-1919.
FAUCET: CHROME PLATED BRASS DECK MOUNTED FITTING WITH 8" RIGED/SWING SPOUT AND VANDAL PROOF 4" WRISTBLADE HANDELS ON 8" CENTERS. QUARTER TURN CERAMIC DISC OPERATING CARTRIDGES, VANDAL RESISTANT 1.5 GPM PRESSURE COMPENSATING LAMINAR NON-AERATING OUTLET. CHICAGO #201-G8AE63VP-317XKAB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-3 (T.A.S. COMPLIANT) - COOKING LAB
DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, 33" X 19-1/2" X 5-1/2" DEEP, TWO COMPARTMENT WITH FAUCET DECK. THREE FAUCET HOLES ON 4" CENTERS. ELKAY #LRAD-3319.
FAUCET: CHROME PLATED BRASS DECK MOUNTED FITTING WITH 8" RIGED/SWING SPOUT AND VANDAL PROOF 4" WRISTBLADE HANDELS ON 8" CENTERS. QUARTER TURN CERAMIC DISC OPERATING CARTRIDGES, VANDAL RESISTANT 1.5 GPM PRESSURE COMPENSATING LAMINAR NON-AERATING OUTLET. CHICAGO #201-G8AE63VP-317XKAB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-4 (NON T.A.S. COMPLIANT) - COOKING LAB
DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, 33" X 19-1/2" X 7-5/8" DEEP, TWO COMPARTMENT WITH FAUCET DECK. THREE FAUCET HOLES ON 4" CENTERS. ELKAY #LRAD-3319.
FAUCET: CHROME PLATED BRASS DECK MOUNTED FITTING WITH 8" RIGED/SWING SPOUT AND VANDAL PROOF 4" WRISTBLADE HANDELS ON 8" CENTERS. QUARTER TURN CERAMIC DISC OPERATING CARTRIDGES, VANDAL RESISTANT 1.5 GPM PRESSURE COMPENSATING LAMINAR NON-AERATING OUTLET. CHICAGO #201-G8AE63VP-317XKAB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.
DISPOSAL: PROVIDE AND INSTALL INSINKERATOR EVOLUTION EXCEL 1HP DISPOSAL WITH ALL NECESSARY CONNECTIONS.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-5 (T.A.S. COMPLIANT) - TODDLER ROOM
DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 14 GAUGE TYPE 304 STAINLESS STEEL, 60" X 22" X 5" DEEP, THREE COMPARTMENT WITH FAUCET DECK. TWO SETS OF THREE FAUCET HOLES ON 4" CENTERS. ELKAY #LTR-6322 (CUSTOM ORDER)
FAUCET: (2) CHROME PLATED BRASS DECK MOUNTED FITTING WITH 8" RIGED/SWING SPOUT AND VANDAL PROOF 4" WRISTBLADE HANDELS ON 8" CENTERS. QUARTER TURN CERAMIC DISC OPERATING CARTRIDGES, VANDAL RESISTANT 1.5 GPM PRESSURE COMPENSATING LAMINAR NON-AERATING OUTLET. CHICAGO #201-G8AE63VP-317XKAB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-6 (T.A.S. COMPLIANT) - INFANT CARE
DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, 33" X 19-1/2" X 5-1/2" DEEP, TWO COMPARTMENT WITH FAUCET DECK. THREE FAUCET HOLES ON 4" CENTERS. ELKAY #LRAD-3319.
FAUCET: CHROME PLATED BRASS DECK MOUNTED FITTING WITH 8" RIGED/SWING SPOUT AND VANDAL PROOF 4" WRISTBLADE HANDELS ON 8" CENTERS. QUARTER TURN CERAMIC DISC OPERATING CARTRIDGES, VANDAL RESISTANT 1.5 GPM PRESSURE COMPENSATING LAMINAR NON-AERATING OUTLET. CHICAGO #201-G8AE63VP-317XKAB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-7 (T.A.S. COMPLIANT) - EARLY CHILDHOOD
DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 14 GAUGE TYPE 304 STAINLESS STEEL, 33" X 19-1/2" X 5-12" DEEP, TWO COMPARTMENT WITH FAUCET DECK, THREE FAUCET HOLES ON 4" CENTERS. PROVIDE 4TH HOLE FOR SPRAY HEAD. ELKAY #LRAD-6019 (CUSTOM ORDER)
FAUCET: CHROME PLATED BRASS DECK MOUNTED FITTING WITH 8" RIGED/SWING SPOUT AND VANDAL PROOF 4" WRISTBLADE HANDELS ON 8" CENTERS. QUARTER TURN CERAMIC DISC OPERATING CARTRIDGES, VANDAL RESISTANT 1.5 GPM PRESSURE COMPENSATING LAMINAR NON-AERATING OUTLET, NYLON NETTED HOSE WITH SIDE SPRAY HEAD. CHICAGO #200-G8AE63VP-317XKAB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-8 (NON T.A.S. COMPLIANT) - DIGITAL ART
DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 16 GAUGE TYPE 304 STAINLESS STEEL, 31" X 22" X 11-5-8" DEEP, SINGLE COMPARTMENT WITH FAUCET DECK. THREE FAUCET HOLES ON 4" CETNERS. ELKAY #DLR3122.
FAUCET: CHROME PLATED BRASS DECK MOUNTED FITTING WITH 8" RIGED/SWING SPOUT AND VANDAL PROOF 4" WRISTBLADE HANDELS ON 8" CENTERS. QUARTER TURN CERAMIC DISC CARTRIDGES, VANDAL RESISTANT 1.5 GPM PRESSURE COMPENSATING LAMINAR N0N-AERTING OUTLET. CHICAGO #201-G8AE63VP-317XKAB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
INTERCEPTOR: A.R.C. CAST ALUMINUM TOP ACCESS SOLIDS INTERCEPTOR, GASKETED COVER, REMOVEABLE SEDIMENT BUCKET. WADE 5720.
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-9 (NON T.A.S. COMPLIANT) - SCULPTURE
DESCRIPTION: TROUGH SINK, STAINLESS STEEL, 48" X 20" X 8", TWO STATION HAND WASH SINK, 14 GAUGE 304 STAINLESS STEEL, BUFFED SATIN FINISH, CENTER DRAIN. ELKAY #EWMA48204
FAUCET: CHROME PLATED, 8" FIXED CENTER, 5-1/4" RIGID/SWING GOOSENECK SPOUT, 1.5 GPM SOFTFLOW AERATOR, VANDAL PROOF 4" WRISTBLADE HANDLES, CERAMIC QUARTER TURN CARTRIDGE. CHICAGO W8W-GN2AE35-3117AB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
INTERCEPTOR: A.R.C. CAST ALUMINUM TOP ACCESS SOLIDS INTERCEPTOR, GASKETED COVER, REMOVEABLE SEDIMENT BUCKET. WADE 5720.
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-10 (T.A.S. COMPLIANT) - ART
DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, 17" X 16" X 5-1/2" DEEP, SINGLE COMPARTMENT WITH FAUCET DECK. THREE FAUCET HOLES ON 4" CENTERS. ELKAY #LRAD-1716.
FAUCET: CHROME PLATED BRASS DECK MOUNTED FITTING WITH 8" RIGED/SWING SPOUT AND VANDAL PROOF 4" WRISTBLADE HANDELS ON 8" CENTERS. QUARTER TURN CERAMIC DISC OPERATING CARTRIDGES, VANDAL RESISTANT 1.5 GPM PRESSURE COMPENSATING LAMINAR NON-AERATING OUTLET. CHICAGO #201-G8AE63VP-317XKAB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-11 (T.A.S. COMPLIANT) - WASHER DRYER ROOM
DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, 46" X 22" X 5" DEEP, THREE COMPARTMENT WITH FAUCET DECK. TWO SETS OF THREE FAUCET HOLES ON 4" CENTERS. ELKAY #LTR-4622
FAUCET: (2) CHROME PLATED BRASS DECK MOUNTED FITTING WITH 8" RIGED/SWING SPOUT AND VANDAL PROOF 4" WRISTBLADE HANDELS ON 8" CENTERS. QUARTER TURN CERAMIC DISC OPERATING CARTRIDGES, VANDAL RESISTANT 1.5 GPM PRESSURE COMPENSATING LAMINAR NON-AERATING OUTLET. CHICAGO #201-G8AE63VP-317XKAB.
MIXING VALVE: ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE, LEAD FREE BRONZE BODY, INTEGRAL CHECK VALVES, COMPRESSSION FITTINGS, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE. LEONARD 170-LF-BRKT. (120 F)
STRAINER: CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER, 1-1/4" 17 GAUGE CHROME PLATED BRASS TAILPIECE. MCGUIRE #152MN.
P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: HB-1 - COLD WATER
DESCRIPTION: HOSE BIBB. EXPOSED TYPE, MILD CLIMATE, WALL-MOUNTED FAUCET WITH 3/4" F.P.T. INLET, 3/4" MALE HOSE THREAD OUTLET AND SELF-DRAINING ANTI-SIPHON VACUUM BREAKER, CERAMIC DISK CARTRIDGE, CHROME PLATED BRASS FINISH WITH REMOVABLE TEE HANDLE. CHICAGO 952-CP.
ROUGH-IN: 3/4" COLD WATER. INSTALL WITH OUTLET AT 18" A.F.F. OR AS DIRECTED BY ARCHITECT/OWNER.

TYPE: WH-1
DESCRIPTION: WALL HYDRANT IN S.S. BOX, 3/4" NON FREEZE, HALF TURN CERAMIC DISC CARTRIDGE, STAINLESS STEEL FINISH WITH ANTI SIPHON VACUUM BREAKER AND LOOSE TEE KEY. INSTALL WITH BOTTOM OF HYDRANT 18" A.F.F. WADE 8701-85.
ROUGH-IN: 3/4" COLD WATER

TYPE: RH-1
DESCRIPTION: ROOF HYDRANT, DRAIN CANISTER BELOW ROOF LINE, 3/4" FIP INLET AND 3/4" OULET HOSE THREAD, 1" SCHEDULE 40 GALVANIZED RISER AND SELF ADJUSTING SOLID BRASS OPERATING ROD. MAPA PRODUCTS #MPH-24-FP.
ROUGH-IN: 3/4" COLD WATER

TYPE: GH-1
DESCRIPTION: GROUND HYDRANT, NON FREEZE, LEAD FREE, GALVANIZED STEEL CASING, BRONZE AND STAINLESS STEEL INTERIOR COMPONENTS, HINGED LOCKING BOX WITH OPERATING KEY, FREE-FLOATING COMPRESSION CLOSURE VALVE, 1/2" DRAIN PORT IN BOX, EXTEND DRAIN PORT TO GRAVEL BED AS RECOMMENED BY MANUFACTURER, FLASHING FLANGE AND CLAMPING COLLAR. ZURN Z1360XL-DP12. PROVIDE LAY-IN MANHOLE FOR SHUTOFF VALVE, CAST IRON, STEEL SKIRT, 12.4" LID DIAMTER, 24" SKIRT. EMCO A0717-122A.
ROUGH-IN: 3/4" COLD WATER

TYPE: TP-1
DESCRIPTION: FLOW ACTIVATED TRAP PRIMER. 1/2" LEAD FREE BRASS TRAP PRIMER PRECISION PLUMBING PRODUCTS #PRO1-500.
ROUGH IN: 1/2" COLD WATER

TYPE: ETP-1
SERVICE: FLOOR DRAINS AND SINKS
DESCRIPTION: ELECTRONIC TRAP PRIMER WITH SOLENOID VALVE, AIR GAP, CIRCUIT BREAKER, TEST SWITCH AND TIMER. 120 V. PRECISION PLUMBING PRODUCTS "PRIME TIME" #PTS-4-12 WITH DISTRIBUTION UNIT.
ROUGH-ION: 3/4" COLD WATER.

TYPE: ETP-2
SERVICE: FLOOR DRAINS AND SINKS
DESCRIPTION: ELECTRONIC TRAP PRIMER WITH SOLENOID VALVE, AIR GAP, CIRCUIT BREAKER, TEST SWITCH AND TIMER. 120 V. PRECISION PLUMBING PRODUCTS "MINI PRIME" #MPB-500.
ROUGH-ION: 3/4" COLD WATER.

TYPE: RD-1
DESCRIPTION: ROOF DRAIN. CAST IRON BODY WITH FLANGE, FLASHING RING WITH GRAVEL STOP, ALUMINUM DOME, UNDERDECK CLAMP AND ADJUSTABLE EXTENSION AS REQUIRED FOR ROOF CONSTRUCTION. WADE 3000-46-52-53 FOR 6" AND SMALLER, WADE 3001-46-52-53 FOR 8" AND LARGER.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES.

TYPE: RD-2
DESCRIPTION: OVERFLOW ROOF DRAIN. CAST IRON BODY WITH FLANGE, FLASHING RING WITH GRAVEL STOP, ALUMINUM DOME, 2" HIGH WATER DAM, BEARING PAN, UNDERDECK CLAMP AND ADJUSTABLE EXTENSION AS REQUIRED FOR ROOF CONSTRUCTION. WADE 3000-D-46-52-53 FOR 6" AND SMALLER. WADE 3001-D-46-52-53 FOR 8" AND LARGER.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES.

TYPE: DN-1
DESCRIPTION: OVERFLOW DOWNSPOUT NOZZLE. CAST BRONZE WITH THREADED OR NO HUB OUTLET AND FLANGE TO SECURE NOZZLE TO WALL. INSTALL AT 12" ABOVE FINISHED SLAB OR AS DIRECTED BY ARCHITECT. WADE 3941-85-VP.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES.

TYPE: ECO
DESCRIPTION: EXTERIOR CLEANOUT TO GRADE, CAST IRON BODY WITH ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ROUND SCORIATED VANDAL RESISTANT DUCTILE IRON TRACTOR TYPE COVER. IF LOCATED IN ASPHALT OR DIRT PROVIDE 18"X18"X12" CONCRETE PAD. WADE 6000-Z.

TYPE: FCO
DESCRIPTION: FLOOR CLEANOUT, CAST IRON BODY AND ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ROUND SCORIATED STAINLESS STEEL COVER. WADE 6000-85. FOR CARPETED FLOORS PROVIDE WADE 6000-CM.

TYPE: WCO
DESCRIPTION: WALL CLEANOUT. CAST IRON CLEANOUT FERRULE WITH DUCTILE IRON COMBINED COVER/PLUG AND ROUND STAINLESS COVER PLATE WITH CENTER SECURING SCREW. WADE 8550-75 WITH 8480-R6. PROVIDE WADE 8560 CAST IRON CLEANOUT TEE IN LIEU OF FERRULE AS REQUIRED FOR WALL CONSTRUCTION.

TYPE: EEW-1 (T.A.S. COMPLIANT)
DESCRIPTION: EMERGENCY FACE AND EYEWASH. WALL MOUNT, GALVANIZED STEEL PIPE AND FITTING, WALL BRACKET, PUSH HANDLE, ANTIMICROBIAL AGENT AT SPRAYHEADS, TWIN ABS PLASTIC DISC SPRAYHEADS. BRADLEY S19-222B.
ROUGH-IN: 2" WASTE, 1/2" COLD WATER. COORDINATE FINAL LOCATION / HEIGHT WITH ARCHITECTURAL DRAWINGS.

TYPE: EDF-1 (T.A.S. COMPLIANT)
DESCRIPTION: WALL HUNG VANDAL RESISTANT BOTTLE FILLING STATION AND BI LEVEL COLLER, NON FILTERED REFRIGERATED STAINLESS, CHILLING CAPACITY 8 GPH OF 50 DEGREE WATER AT 90 DEGREE AMBIENT AND 80 DEGREE INLET WATER, GREEN TICKER, LAMINAR FLOW, REAL DRAIN, VANDAL RESISTANT BUBBLER. ELKAY #VRCTL8WSK. PROVIDE CANE TOUCH APRON ON ALL STAINLESS STEEL UNITS MOUNTED WITH A CLEAR KNEE SPACE GREATER THAN 27" HIGH. ELKAY APRON #98324C.
P-TRAP: 1-1/4" CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. MCGUIRE 8872.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. WADE 400.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: G-1
DESCRIPTION: NATURAL GAS TURRET WITH QUARTER TURN GAS BALL VALVE, SERRATED NOZZLE AND INLINE CHECK VALVE, DOUBLE NOZZLE. CHICAGO #LGB1-31C-20.
ROUGH-IN: 1/2" NATURAL GAS. COODINATE FINAL QUANTITY, LOCATIONS AND INSTALLATION WITH ARCHITECTURAL / CASEWORK DRAWINGS.

TYPE: FD-1
SERVICE: PRESSBOX CONDENSATE
DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 6" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET,VANDAL PROOF, 4" STAINLESS STEEL FUNNEL ASSEMBLY. WADE 1100-MR6-EF4-85-VP.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES.

TYPE: FS-1
SERVICE: CENTRAL PLANT/BOILER ROOM
DESCRIPTION: A.R.E. COATED CAST IRON BODY 12" SQUARE FLOOR SINK WITH 8" DEEP SUMP, BOTTOM OUTLET WITH 1/2" TRAP PRIMER CONNECTION, LOOSE SET CAST IRON SECONDARY STRAINER, CLAMPING DEVICE, AND STAINLESS STEEL HALF TOP GRATE. WADE 9140-6-15-26-85.
TRAP PRIMER: SERVED BY ELECTRONIC TRAP PRIMING DEVICE, REFER TO PLANS FOR LOCATION.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH EQUIPMENT PLACEMENT.

TYPE: BFP-1 (2" AND SMALLER)
DESCRIPTION: BACKFLOW PREVENTER, REDUCED PRESSURE ZONE TYPE WITH TWO INLINE INDEPENDENT CHECK VALVES WITH AN INTERMEDIATE RELIEF VALVE. COMPLETE WITH TWO FULL PORTED BALL VALVE SHUT-OFFS AND BALL TYPE TEST COCKS. BRONZE STRAINER ON INLET. PROVIDE AIR GAP WITH DRAIN PIPE TO NEAREST FLOOR DRAIN. WATTS 909-QT-S.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. MOUNT AT 48" A.F.F. UNLESS NOTED OTHERWISE ON DRAWINGS.

TYPE: BFP-2 (2 1/2" AND LARGER)
DESCRIPTION: BACKFLOW PREVENTER, REDUCED PRESSURE ZONE TYPE WITH TWO INLINE INDEPENDENT CHECK VALVES WITH AN INTERMEDIATE RELIEF VALVE. COMPLETE WITH TWO FULL PORTED BALL VALVE SHUT-OFFS AND BALL TYPE TEST COCKS. BRONZE STRAINER ON INLET. PROVIDE AIR GAP WITH DRAIN PIPE TO NEAREST FLOOR DRAIN. WATTS 909 SERIES.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. MOUNT AT 48" A.F.F. UNLESS NOTED OTHERWISE ON DRAWINGS.

GENERAL NOTES

ALL LAVATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND COLD WATER (UNLESS NOTED TO BE COLD WATER ONLY) TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SCHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH LOOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED FLEXIBLE RISERS OF SIZE REQUIRED TO PROPERLY CONNECT FIXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON (UNLESS NOTED TO BE AN ACID WASTE FIXTURE). REFER TO FIXTURE SCHEDULE FOR MINIMUM SIZES OF PLUMBING FIXTURE ROUGH-INS.

INSULATION KITS AT ALL LAVATORIES AND SINKS REQUIRED TO BE T.A.S. ACCESSIBLE (MCGUIRE OR TRUEBRO). ALL SUCH FIXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE STATE ACCESSIBILITY STANDARDS REQUIREMENTS.

PROVIDE AND INSTALL ACID RESISTANT P-TRAPS ON ALL SCIENCE, BIOLOGY, CHEMISTRY, AND PHYSICS CLASSROOM SINKS.

DISREGARD FIXTURES LISTED THAT ARE NOT ON THIS JOB.

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LANDSCAPE/IRRIGATION: KW Landscape Architects, 6925 Portwest Drive, Suite 100, Houston, TX 77024, 346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS
STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
12/09/2024

CLIENT
CYPRESS • FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER: 33AC23221
ABBREVIATION: CFISD
DRAWN BY: BR
CHECKED BY: EH

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
PLUMBING SCHEDULES

SHEET NUMBER
P-502

TECHNOLOGY LEGEND - 27 10 00

SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
*#	WALL MOUNTED NETWORK OUTLET D#: NUMBER OF DATA DROPS IN OUTLET AP: WIRELESS ACCESS POINT	+18" AFF, UNLESS OTHERWISE NOTED	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
V#	COMMUNICATIONS OUTLET	FIELD COORDINATE	FIELD COORDINATE	
W	WALL MOUNTED NETWORK OUTLET	+44" AFF	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
B	WALL MOUNTED BOX FOR FUTURE USE.	+18" AFF UNO	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
D#	FLOOR MOUNTED NETWORK OUTLET	N/A	COORDINATE WITH ELECTRICAL CONTRACTOR	FINISHED HARDWARE PROVIDED BY DIV 27
*#	CEILING MOUNTED NETWORK OUTLET AP: WIRELESS ACCESS POINT D#: NETWORK OUTLET	ABOVE CEILING	CEILING BRACKET WITH BISCUIT BLOCK	

NOTES:
1. #-G INDICATES BACK BOX SIZE.
2. #-C INDICATES CONDUIT SIZE.
3. UNO: UNLESS NOTED OTHERWISE
4. CONDUIT STUB UP AND SLEEVES SHALL HAVE A SOLID UNCUT PLASTIC PROTECTIVE BUSHING.
5. NO CONDUITS SHALL EXCEED FOR 40% MAXIMUM FILL RATIO. CONTRACTOR TO PROVIDE ADDITIONAL CONDUITS REQUIRED.

AUDIO/VIDEO LEGEND - 27 41 16.10

SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
WMP	WALL MOUNTED PROJECTOR AUDIO/VISUAL OUTPUT OUTLET	REFERENCE FLOOR PLANS.	4 11/16"X4 11/16"X2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25"C	NOTE #5
CMP	CEILING MOUNTED PROJECTOR AUDIO/VISUAL OUTPUT OUTLET	CEILING MOUNTED	N/A	NOTE #5
AV-1	WALL MOUNTED AUDIO/VIDEO INPUT OUTLET	+18" AFF UNO	4 11/16"X4 11/16"X2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25"C	
FSD-1	WALL MOUNTED FLAT SCREEN DISPLAY AUDIO/VISUAL OUTPUT OUTLET	REFERENCE FLOOR PLANS	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	NOTE #5
FSD-2	WALL MOUNTED FLAT SCREEN DISPLAY AUDIO/VISUAL OUTPUT OUTLET ASSOCIATED WITH AV-1 INPUT OUTLET	REFERENCE FLOOR PLAN	4 11/16"X4 11/16"X2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25"C	NOTE #5
IVD	INTERACTIVE VIDEO DISPLAY AUDIO/VISUAL OUTPUT OUTLET	REFERENCE FLOOR PLAN	4 11/16"X4 11/16"X2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25"C	NOTE #5
CP	AV CONTROL PANEL	+48" AFF TO TOP	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
PS	LOCAL INSTRUCTIONAL SPACE PRESENTATION SPEAKER	CEILING	CONTRACTOR PROVIDED CEILING BOX	COORDINATE POWER WITH EC
	STREAMING CAMERA	CEILING UNO	N/A	NOTE #5

NOTES:
1. #-G INDICATES BACK BOX SIZE.
2. #-C INDICATES CONDUIT SIZE.
3. UNO: UNLESS NOTED OTHERWISE
4. THE SYSTEM INTEGRATOR SHALL COORDINATE ALL BOX AND CONDUIT SIZE REQUIREMENTS PRIOR TO ROUGH-IN BY THE PROJECTS ELECTRICAL CONTRACTOR.
5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK

LOCAL SOUND SYSTEM LEGEND - 27 41 16.20

SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
LS	LOCAL SOUND SYSTEM SPEAKER P: POLE MOUNTED SPEAKER	CEILING MOUNT UNO	CONTRACTOR PROVIDED BACK BOX OR 4"X4"X2 1/8" J BOX WITH COVER, 1"C	
LSC	LOCAL SOUND SYSTEM CONTROL PLATE	+48" AFF TO TOP	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
MI	MICROPHONE INPUT	+18" AFF UNO	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
MA	COMBINATION OUTLET CONSISTING OF ONE (1) MICROPHONE INPUT AND ONE (1) AUXILIARY INPUT	+18" AFF UNO	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
AI	3.5MM STEREO AUDIO AUXILIARY INPUT	+18" AFF UNO	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
H	HANGING MICROPHONE	CEILING MOUNT	N/A	
ABMI	AUXILIARY INPUT AND BLUETOOTH MIXER	+48" AFF TO TOP	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
RACK	VENUE SPECIFIC LOCAL SOUND SYSTEM HEAD END RACK	WALL MOUNT UNO	N/A	
WA	WIRELESS ANTENNA	WALL MOUNT UNO	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
ALA	ASSISTED LISTENING ANTENNA	WALL MOUNT UNO	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
SUB	SUBWOOFER	CEILING MOUNT UNO		

NOTES:
1. #-G INDICATES BACK BOX SIZE.
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4. THE SYSTEM INTEGRATOR SHALL COORDINATE ALL BOX AND CONDUIT SIZE REQUIREMENTS PRIOR TO ROUGH-IN BY THE PROJECTS ELECTRICAL CONTRACTOR.
5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK

INTERCOM LEGEND - 27 50 00

SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
ICS	INTERCOM COMMUNICATIONS SYSTEM HEAD END UNIT	FLOOR MOUNTED	COORDINATE WITH EC	COORDINATE POWER WITH EC
S	CEILING MOUNT INTERCOM SPEAKER, LAY-IN CEILING	CEILING	CONTRACTOR PROVIDED	
S2	CEILING MOUNT INTERCOM SPEAKER, HARD CEILING.	CEILING	CONTRACTOR PROVIDED	
S3	WALL MOUNT INTERIOR INTERCOM SPEAKER	REFERENCE FLOOR PLANS	CONTRACTOR PROVIDED	
S4	WALL MOUNT EXTERIOR INTERCOM SPEAKER	+10' AFF UNO	CONTRACTOR PROVIDED	
S5	PENDANT MOUNT INTERCOM SPEAKER	REFERENCE FLOOR PLANS	CONTRACTOR PROVIDED	
S6	SURFACE MOUNT INTERCOM SPEAKER, MOUNT TO STRUCTURE	CEILING	CONTRACTOR PROVIDED	
S7	CEILING MOUNTED EXTERIOR INTERCOM SPEAKER	CEILING	CONTRACTOR PROVIDED	
# IP	IP BASED SPEAKER. '#' TO BE REPLACED WITH S, S2, S3, S4 INDICATING THE SPECIFIC TYPE OF SPEAKER.	REFERENCE FLOOR PLANS	CONTRACTOR PROVIDED	NOTE #5
VC	WALL MOUNTED VOLUME CONTROL	+48" AFF	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
CB	INTERCOM CALL BUTTON	+48" AFF	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
C	SINGLE FACE CLOCK	REFERENCE FLOOR PLANS	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
C2	DOUBLE FACE CLOCK	REFERENCE FLOOR PLANS	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
RPS	REMOTE PROGRAM SOURCE	DESK TOP	COORDINATE WITH EC	NOTE #5
ACS	ADMINISTRATIVE CALL STATION.	DESK TOP	N/A	NOTE #5
LD	LOCKDOWN BUTTON	REF. DETAILS	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
LMB	LARGE MESSAGE BOARD, POE+ POWERED	REFERENCE FLOOR PLANS	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	NOTE #5

NOTES:
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3. UNO: UNLESS NOTED OTHERWISE
4. THE SYSTEM INTEGRATOR SHALL COORDINATE ALL BOX AND CONDUIT SIZE REQUIREMENTS PRIOR TO ROUGH-IN BY THE PROJECTS ELECTRICAL CONTRACTOR.
5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK

ACCESS CONTROL LEGEND - 28 10 00 & 28 10 00.05

SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
ACP	ACCESS CONTROL SYSTEM, CONTROL PANEL.	+60" AFF TO CENTER	AS REQUIRED	COORDINATE POWER. NOTE #4.
CR *#	ACCESS CONTROL PROXIMITY CARD READER. DEFAULT SYMBOL INDICATES WALL MOUNTED *M - INDICATES MULLION MOUNTED READER	+42" A.F.F.	1-G, 3/4" C	
CR	DOOR MOUNTED ACCESS CONTROL PROXIMITY CARD READER THAT IS INTEGRATED INTO THE DOOR HARDWARE.	+42" AFF	N/A	
DS *#	2-WAY AUDIO/VIDEO INTERCOM DOOR STATION. *DEFAULT INDICATES WALL MOUNTED *M - INDICATES MULLION MOUNTED DEVICE	+42" AFF	*W: 1-G, 3/4" C *M: 3/4"C	COORDINATE POWER. NOTE #4.
DS	DOOR MOUNTED, 2-WAY AUDIO/VIDEO INTERCOM DOOR STATION.	+42" AFF. FIELD COORDINATE		COORDINATE POWER. NOTE #4
MS	2-WAY AUDIO/VIDEO INTERCOM MASTER STATION.	DESK MOUNTED UNO		COORDINATE POWER. NOTE #4
DR	DOOR RELEASE BUTTON	COORDINATE WITH GC	1-G, 3/4" C	
REX	PIR MOTION REQUEST TO EXIT DEVICE			
DP	DOOR PROP ALARM	CEILING MOUNTED UNO	N/A	N/A
DC	DPDT MAGNETIC DOOR CONTACT/DOOR POSITION SENSOR.	FLUSH MOUNTED IN DOOR FRAME	N/A	PROVIDED BY ACS CONTRACTOR.
RFID	VEHICLE RFID TAG READER.		FIELD COORDINATE RACEWAYS AND BACK BOXES	PROVIDE NECESSARY EQUIPMENT FOR A FULLY FUNCTIONAL VEHICLE ENTRY POINT.

NOTES:
1. #-G INDICATES BACK BOX SIZE..
2. #-C INDICATES CONDUIT SIZE.
3. UNO: UNLESS NOTED OTHERWISE.
4. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK

VIDEO SURVEILLANCE LEGEND - 28 20 00

SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
	WALL/CORNER MOUNT 4-SENSOR CAMERA	REFERENCE FLOOR PLANS	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	NOTE #5
	CEILING MOUNTED 4-SENSOR CAMERA	CEILING		NOTE #5
	2-SENSOR CAMERA	REFERENCE FLOOR PLANS	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	NOTE #5
	1-SENSOR CAMERA	REFERENCE FLOOR PLANS	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
VRS	VIDEO RECORDING SERVER			
#MU	VIDEO SURVEILLANCE MAIN UNIT	ABOVE CEILING		NOTE #5
	SYMBOL INDICATED THAT A VIDEO SURVEILLANCE DEVICE IS WALL MOUNTED			

NOTES:
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4. THE SYSTEM INTEGRATOR SHALL COORDINATE ALL BOX AND CONDUIT SIZE REQUIREMENTS PRIOR TO ROUGH-IN BY THE PROJECTS ELECTRICAL CONTRACTOR.
5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK.

INTRUSION LEGEND - 28 31 00

SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
IDP	INTRUSION DETECTION SYSTEM CONTROL PANEL	+60" AFF	TWO(2) - 1"C TO CONTRACTOR PROVIDED BACK BOX.	COORDINATE POWER WITH EC. NOTE #5
KP	INTRUSION DETECTION SYSTEM KEYPAD.	+48" AFF TO TOP	4"X4"X2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
M	CEILING MOUNTED MOTION DETECTOR	CEILING		
M	WALL MOUNTED MOTION DETECTOR LR: LONG RANGE	REFERENCE FLOOR PLAN	N/A	
GB	CEILING MOUNTED GLASS BREAK DETECTOR	CEILING	N/A	
DC	SPDT MAGNETIC DOOR CONTACT/DOOR POSITION SENSOR.	FLUSH MOUNTED IN DOOR FRAME	N/A	DEVICE PROVIDED BY ACS CONTRACTOR.
SDC	SURFACE MOUNT MAGNETIC DOOR CONTACT.	SURFACE MOUNTED ON DOOR FRAME	N/A	
ODC	OVERHEAD DOOR MOUNT MAGNETIC DOOR CONTACT.	SURFACE MOUNTED ON DOOR FRAME	N/A	
DB	DURESS PANIC BUTTON	UNDER DESK UNO	N/A	

NOTES:
1. #-G INDICATES BACK BOX SIZE.
2. #-C INDICATES CONDUIT SIZE.
3. UNO: UNLESS NOTED OTHERWISE
4. REFERENCE DIVISION 28 SPECIFICATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK

FIRE ALARM - 28 46 00

SYMBOL	DESCRIPTION
FACP	FIRE ALARM CONTROL
FAA	FIRE ALARM ANNUNCIATOR PANEL

NOTES:

1. FIRE ALARM SYSTEM IS PERFORMANCE BASED PER SPECIFICATIONS. CONTRACTOR TO REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

2. A LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL 3, IN THE SUBFIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET), SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, CURRENT NFPA 72, LOCAL AND STATE CODE REQUIREMENTS, AND THE FIRE ALARM AND DETECTION SYSTEM SPECIFICATIONS.

SUBSCRIPTS AND ABBREVIATIONS

TEXT	DESCRIPTION
'WP'	DEVICE SHALL BE WEATHER PROOF AND RATED FOR EXTERIOR CONDITIONS
●	FIELD COORDINATE ELEVATION.
AFF	ABOVE FINISHED FLOOR
'UC'	DEVICE IS TO BE MOUNTED ON THE UNDERSIDE OF THE ELEVATED CANOPY.
'WM'	DEVICE IS TO BE WALL MOUNTED.
'WG'	WIRE GUARD TO BE PROVIDED AND INSTALLED TO PROTECT ASSOCIATED DEVICE.

SUBSCRIPTS LEGEND - EXISTING DEVICES

TEXT	DESCRIPTION
'E'	EXISTING TO REMAIN.
'D'	DEVICE IS EXISTING AND IS TO BE REMOVED. CONTRACTOR TO REMOVE THE DEVICE AND RETURN TO OWNER.
'R'	REMOVE EXISTING DEVICE AND RELOCATE TO A LOCATION INDICATED ON THE DRAWINGS.

NOTES TO CONTRACTOR

1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS.

2. SYSTEM INSTALLERS SHALL COORDINATE LOCATIONS AND CONNECTIONS WITH THE PROJECT'S ELECTRICAL CONTRACTOR.

3. CONTRACTOR TO PROVIDE PROPERLY GROUNDED LIGHTING PROTECTION ON ALL CABLING ENTERING AND EXITING THE BUILDING.

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Project No: 2023-05942-00

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80215
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

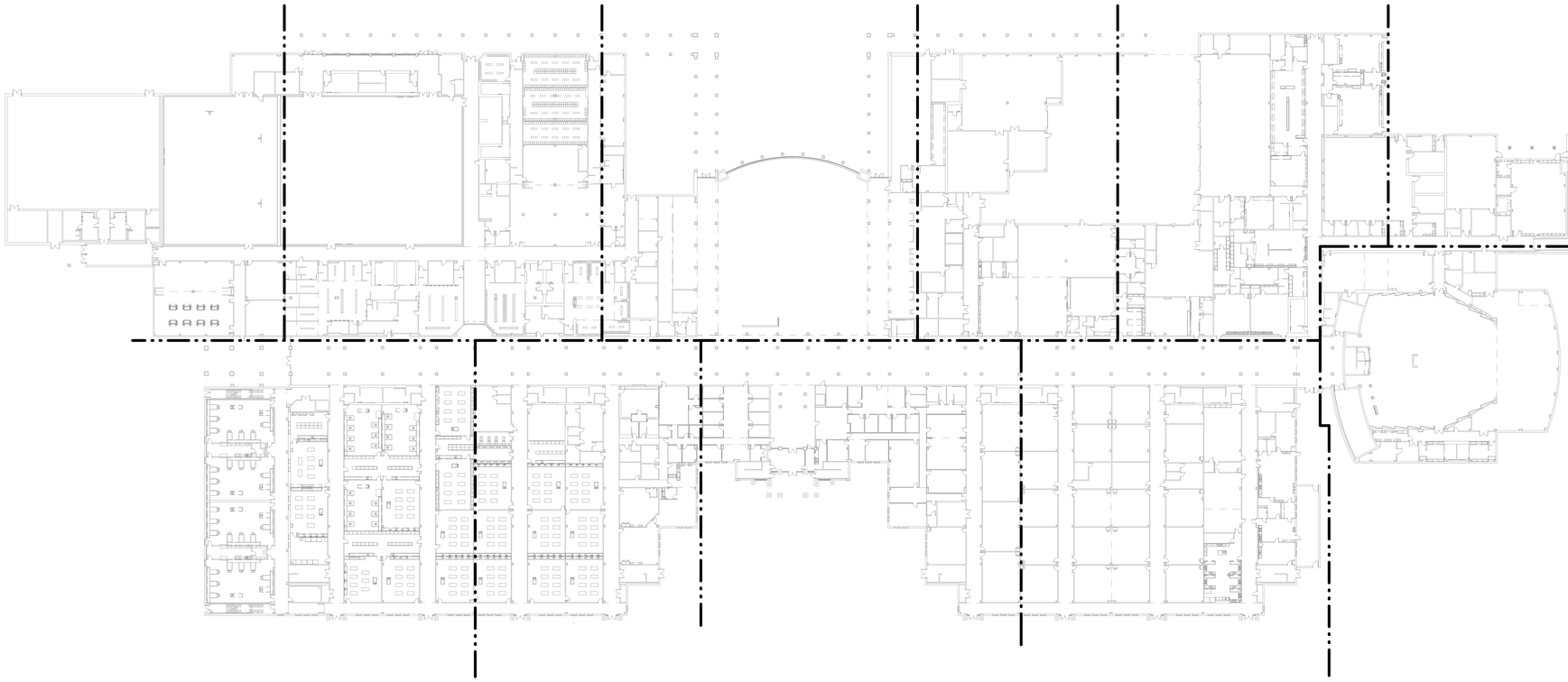
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
NY	AY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY NOTES AND LEGENDS

SHEET NUMBER
T-000



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1 **TECHNOLOGY DEMOLITION COMPOSITE FLOOR PLAN - LEVEL 01**
Scale: 1" = 40'-0"

N

2 **TECHNOLOGY DEMOLITION COMPOSITE FLOOR PLAN - LEVEL 02**
Scale: 1" = 40'-0"

TECH DEMOLITION GENERAL NOTES

A PROJECT SCOPE INCLUDES CEILING REPLACEMENT.

B CONTRACTOR SHALL HAVE EACH LOW VOLTAGE SYSTEM TESTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SYSTEMS SHALL INCLUDE BUT NOT BE LIMITED TO:
1) FIRE ALARM
2) INTERCOM
3) STRUCTURED CABLING
4) INTRUSION DETECTION
5) ACCESS CONTROL
6) AUDIO VIDEO
7) VIDEO SURVEILLANCE
TESTING SHALL INCLUDE THE FUNCTIONALITY OF ALL FIELD DEVICES AND EQUIPMENT. ANY FAILURES OR ITEMS FOUND NOT TO BE FUNCTIONING TO SPECIFICATION, SHALL BE REPORTED PRIOR TO CONSTRUCTION. ANY ITEMS FOUND TO BE IMPROPERLY OR NON-FUNCTIONING UPON THE COMPLETION OF THE PROJECT, SHALL BE REPLACED AND/OR REPAIRED, BY THE CONTRACTOR, AT NO ADDITIONAL COST TO THE PROJECT OR THE OWNER.

C CONTRACTOR SHALL REMOVE ANY DEVICES WHERE CONSTRUCTION OCCURS TO PREVENT POSSIBLE DAMAGE TO THE DEVICE. REMOVAL OF ANY DEVICES WHICH SUPPORT USER CONNECTION OR OTHER SYSTEMS, SHALL BE COORDINATED WITH THE OWNER PRIOR TO REMOVAL AND/OR TAKING OFF LINE. REMOVAL SHALL CONSIST OF BUT NOT BE LIMITED TO THE FOLLOWING DEVICES AND ASSOCIATED SUPPORT INFRASTRUCTURE:
1) FIRE ALARM DEVICES
2) INTERCOM DEVICES
3) WIRELESS ACCESS POINTS
4) TELEPHONES
5) VIDEO SURVEILLANCE CAMERAS
6) INTRUSION DETECTION DEVICES
7) ACCESS CONTROL DEVICES
8) VIDEO PROJECTION DEVICES
9) VIDEO DISPLAY DEVICES
ANY DEVICES, NOT BEING REINSTALLED, SHALL BE RETURNED TO THE OWNER.

D CONTRACTOR SHALL DOCUMENT THE LOCATION AND ANY ID TAG, MAC ADDRESS, IP ADDRESS, OR BAR CODE OF ANY EXISTING DEVICE THAT IS TO BE REMOVED FROM ITS CURRENT LOCATION. DEVICES THAT ARE TO REMAIN, SHALL BE REINSTALLED IN THE EXACT LOCATION THAT THEY RESIDE IN PRIOR TO CONSTRUCTION, UNLESS NOTED OTHERWISE.

E ANY INDIVIDUAL THAT WILL BE REMOVING, RELOCATING, REINSTALLING, AND/OR TAMPERING WITH ANY EXISTING DEVICES; SHALL BE CERTIFIED BY THE MANUFACTURER OF THE SPECIFIC SYSTEM AND/OR LICENSED AS REQUIRED BY THE STATE TO PERFORM WORK ON THE SYSTEM. THE INDIVIDUAL SHALL BE A FULL-TIME EMPLOYEE OF THE FIRM CONTRACTED TO CONDUCT SUCH WORK ON THE PROJECT AND THAT FIRM SHALL ALSO HOLD ANY CERTIFICATIONS AND/OR LICENSES REQUIRED TO CONDUCT WORK ON THE SPECIFIC SYSTEM.

F ANY INDIVIDUAL/FIRM THAT WILL BE REMOVING, RELOCATING, REINSTALLING, OR TAMPERING WITH IN ANY DEVICES; SHALL BE LICENSED BY THE STATE, AS APPLICABLE, AND CERTIFIED BY THE MANUFACTURER OF THE SYSTEM.

G ALL CABLING ASSOCIATED WITH DEVICES THAT ARE TO BE DEMOLISHED, SHALL BE REMOVED FROM THE DEVICE LOCATION TO THE CABLES POINT OF ORIGIN. NO CABLE SHALL BE ABANDONED IN PLACE.

H ALL EXISTING DEVICES SHOWN ARE EXISTING TO REMAIN. CONTRACTOR TO REMOVE EXISTING DEVICES DURING CONSTRUCTION AND REINSTALL THE DEVICE IN THE SAME LOCATION, UNLESS NOTED OTHERWISE.

I REFERENCE EXISTING DEVICE SUBSCRIPT LEGEND ON THE NOTES AND LEGENDS SHEET.

J **TOPCAT LIGHTSPEED LOCAL SOUND SPEAKERS SHALL BE BAGGED AND SUSPENDED IN THE CEILING DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE MANUFACTURER TO NOT VOID THE WARRANTY.**

TOPCAT LIGHT SPEED SPEAKER, BASE STATION AND ANY OTHER SYSTEM COMPONENTS SHALL BE TAGGED BY CONTRACTOR WITH ROOM NAME AND NUMBER AND REINSTALLED IN THE SAME ROOM IT WAS REMOVED FROM.

K CONTRACTOR TO COORDINATE WITH CFISD TECHNOLOGY DEPARTMENT PRIOR TO CONSTRUCTION ON WHICH DEVICES ARE TO BE REMOVED BY THE OWNER'S VENDER IN ORDER TO PREVENT VOID OF WARRANTY.

L ALL DEMO DEVICES WITH 'D' SUBSCRIPT SHALL DISCONNECT AND REMOVE EXISTING WIRING DEVICE BACK TO SWITCH. PATCH WALL TO MATCH EXISTING.

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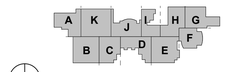
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

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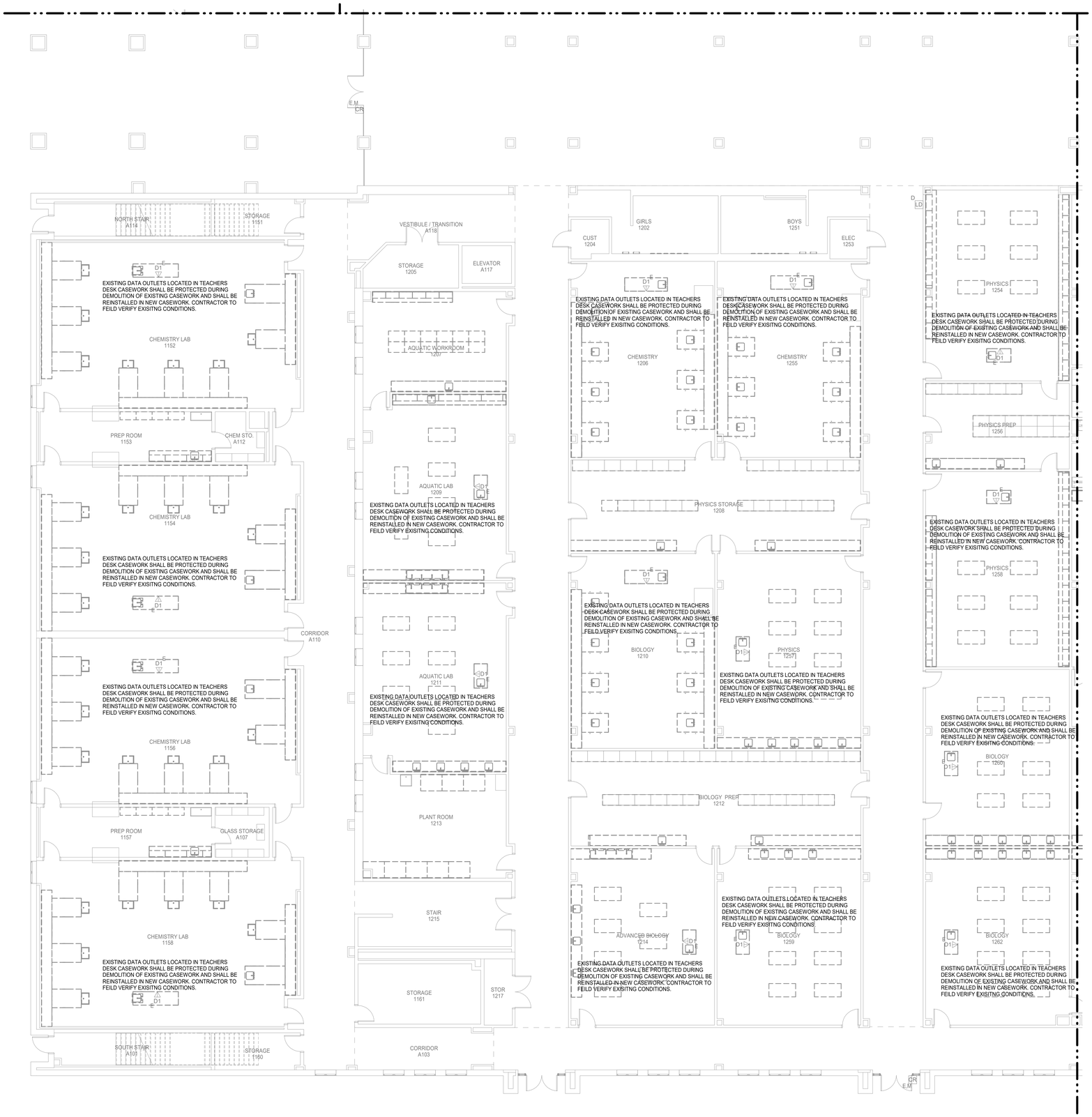
SHEET NAME
TECHNOLOGY DEMOLITION COMPOSITE FLOOR PLANS

SHEET NUMBER
T-001



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1 **TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 01 - AREA B**

Scale: 1/8" = 1'-0"

TECH DEMOLITION GENERAL NOTES

A PROJECT SCOPE INCLUDES CEILING REPLACEMENT.

B CONTRACTOR SHALL HAVE EACH LOW VOLTAGE SYSTEM TESTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SYSTEMS SHALL INCLUDE BUT NOT BE LIMITED TO:
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2) INTERCOM
3) STRUCTURED CABLING
4) INTRUSION DETECTION
5) ACCESS CONTROL
6) AUDIO VIDEO
7) VIDEO SURVEILLANCE
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C CONTRACTOR SHALL REMOVE ANY DEVICES WHERE CONSTRUCTION OCCURS TO PREVENT POSSIBLE DAMAGE TO THE DEVICE. REMOVAL OF ANY DEVICES WHICH SUPPORT USER CONNECTION OR OTHER SYSTEMS, SHALL BE COORDINATED WITH THE OWNER PRIOR TO REMOVAL AND/OR TAKING OFF LINE. REMOVAL SHALL CONSIST OF BUT NOT BE LIMITED TO THE FOLLOWING DEVICES AND ASSOCIATED SUPPORT INFRASTRUCTURE:
1) FIRE ALARM DEVICES
2) INTERCOM DEVICES
3) WIRELESS ACCESS POINTS
4) TELEPHONES
5) VIDEO SURVEILLANCE CAMERAS
6) INTRUSION DETECTION DEVICES
7) ACCESS CONTROL DEVICES
8) VIDEO PROJECTION DEVICES
9) VIDEO DISPLAY DEVICES
ANY DEVICES, NOT BEING REINSTALLED, SHALL BE RETURNED TO THE OWNER.

D CONTRACTOR SHALL DOCUMENT THE LOCATION AND ANY ID TAG, MAC ADDRESS, IP ADDRESS, OR BAR CODE OF ANY EXISTING DEVICE THAT IS TO BE REMOVED FROM ITS CURRENT LOCATION. DEVICES THAT ARE TO REMAIN, SHALL BE REINSTALLED IN THE EXACT LOCATION THAT THEY RESIDE IN PRIOR TO CONSTRUCTION, UNLESS NOTED OTHERWISE.

E ANY INDIVIDUAL THAT WILL BE REMOVING, RELOCATING, REINSTALLING, AND/OR TAMPERING WITH ANY EXISTING DEVICES; SHALL BE CERTIFIED BY THE MANUFACTURER OF THE SPECIFIC SYSTEM AND/OR LICENSED AS REQUIRED BY THE STATE TO PERFORM WORK ON THE SYSTEM. THE INDIVIDUAL SHALL BE A FULL-TIME EMPLOYEE OF THE FIRM CONTRACTED TO CONDUCT SUCH WORK ON THE PROJECT AND THAT FIRM SHALL ALSO HOLD ANY CERTIFICATIONS AND/OR LICENSES REQUIRED TO CONDUCT WORK ON THE SPECIFIC SYSTEM.

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G ALL CABLING ASSOCIATED WITH DEVICES THAT ARE TO BE DEMOLISHED, SHALL BE REMOVED FROM THE DEVICE LOCATION TO THE CABLES POINT OF ORIGIN. NO CABLE SHALL BE ABANDONED IN PLACE.

H ALL EXISTING DEVICES SHOWN ARE EXISTING TO REMAIN. CONTRACTOR TO REMOVE EXISTING DEVICES DURING CONSTRUCTION AND REINSTALL THE DEVICE IN THE SAME LOCATION, UNLESS NOTED OTHERWISE.

I REFERENCE EXISTING DEVICE SUBSCRIPT LEGEND ON THE NOTES AND LEGENDS SHEET.

J TOPCAT LIGHTSPEED LOCAL SOUND SPEAKERS SHALL BE BAGGED AND SUSPENDED IN THE CEILING DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE MANUFACTURER TO NOT VOID THE WARRANTY.

TOPCAT LIGHT SPEED SPEAKER, BASE STATION AND ANY OTHER SYSTEM COMPONENTS SHALL BE TAGGED BY CONTRACTOR WITH ROOM NAME AND NUMBER AND REINSTALLED IN THE SAME ROOM IT WAS REMOVED FROM.

K CONTRACTOR TO COORDINATE WITH CFISD TECHNOLOGY DEPARTMENT PRIOR TO CONSTRUCTION ON WHICH DEVICES ARE TO BE REMOVED BY THE OWNER'S VENDER IN ORDER TO PREVENT VOID OF WARRANTY.

L ALL DEMO DEVICES WITH 'D' SUBSCRIPT SHALL DISCONNECT AND REMOVE EXISTING WIRING DEVICE BACK TO SWITCH. PATCH WALL TO MATCH EXISTING.

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Registration: F-4111
Project No: 2023-05942-00

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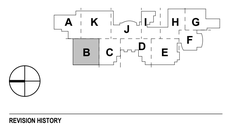
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	CHECKED BY
NY	AY

ORIGINAL ISSUE

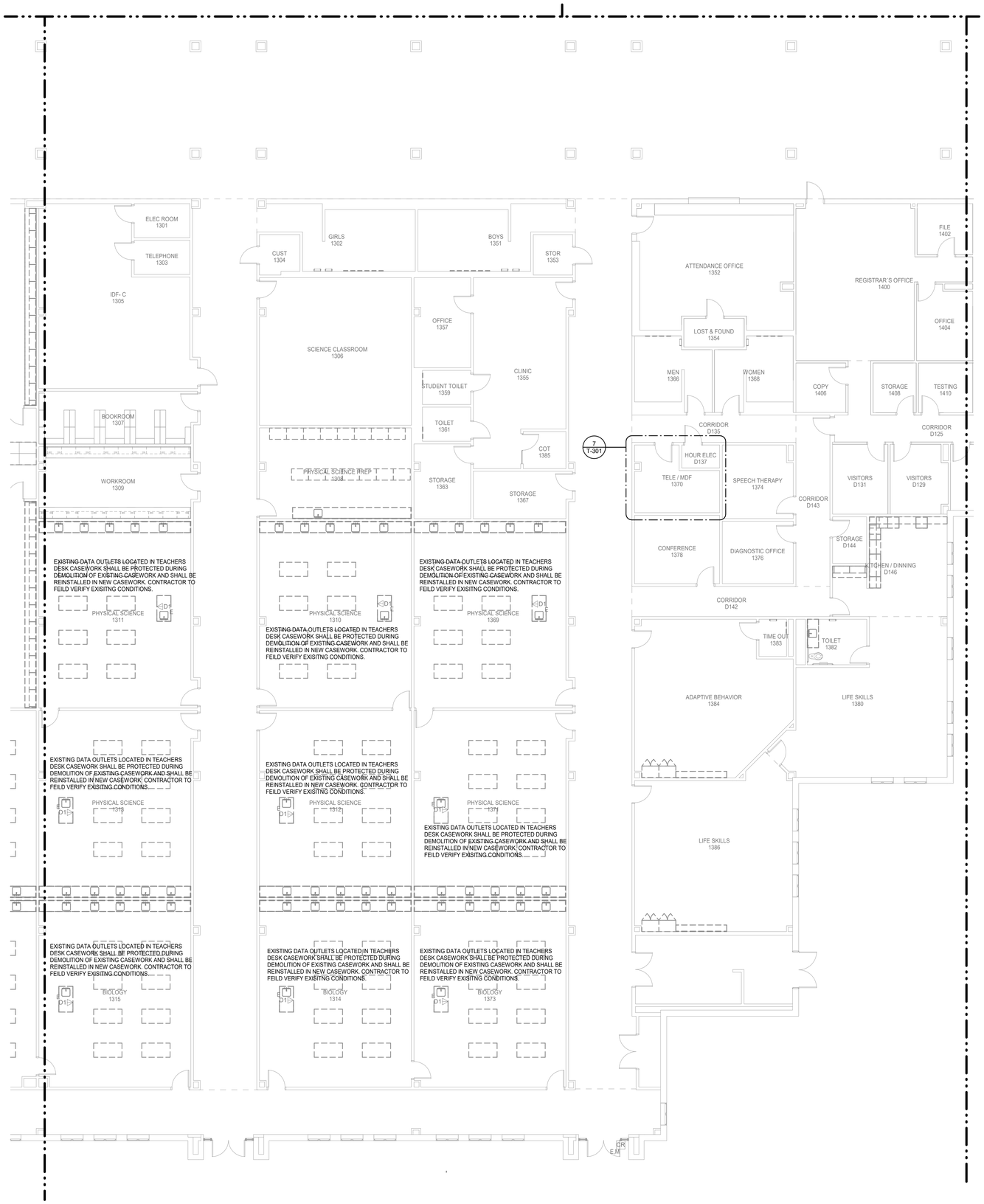
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA B

SHEET NUMBER

T-002-B



1 **TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 01 - AREA C**
Scale: 1/8" = 1'-0"

TECH DEMOLITION GENERAL NOTES

A PROJECT SCOPE INCLUDES CEILING REPLACEMENT.

B CONTRACTOR SHALL HAVE EACH LOW VOLTAGE SYSTEM TESTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SYSTEMS SHALL INCLUDE BUT NOT BE LIMITED TO:
1) FIRE ALARM
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3) STRUCTURED CABLING
4) INTRUSION DETECTION
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ANY DEVICES, NOT BEING REINSTALLED, SHALL BE RETURNED TO THE OWNER.

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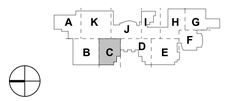
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

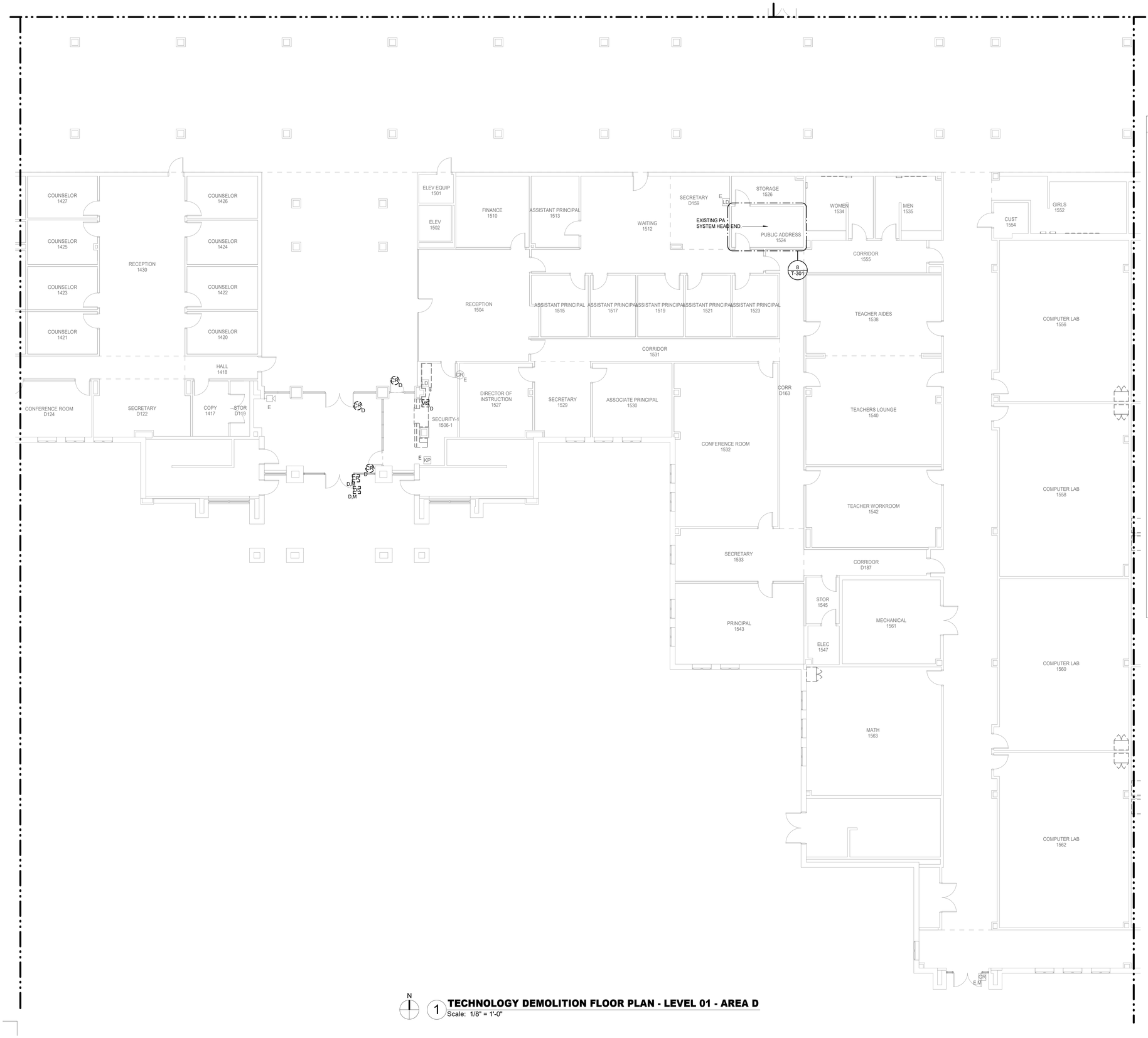
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	CHECKED BY
NY	AY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA C

SHEET NUMBER
T-003-C



N

1 **TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 01 - AREA D**
Scale: 1/8" = 1'-0"

TECH DEMOLITION GENERAL NOTES

A PROJECT SCOPE INCLUDES CEILING REPLACEMENT.

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Project No: 2023-05942-00

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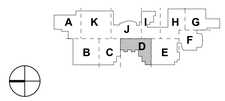
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

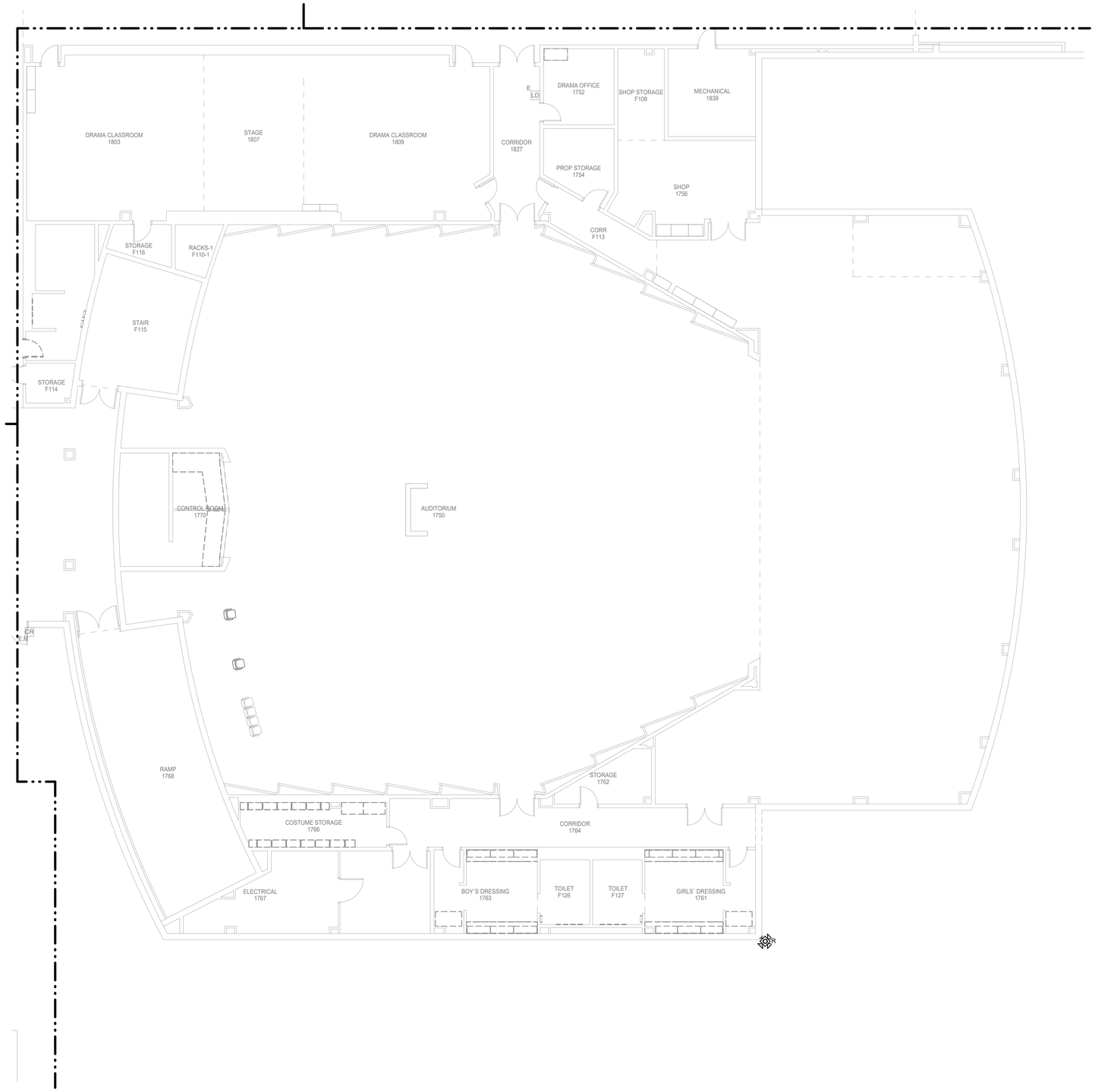
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
NY	AY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA D

SHEET NUMBER
T-004-D



N

1 **TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 01 - AREA F**
Scale: 1/8" = 1'-0"

TECH DEMOLITION GENERAL NOTES

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Project No: 2023-05942-00

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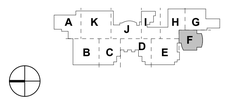

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
NY	AY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F

SHEET NUMBER
T-006-F

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Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

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D CONTRACTOR SHALL DOCUMENT THE LOCATION AND ANY ID TAG, MAC ADDRESS, IP ADDRESS, OR BAR CODE OF ANY EXISTING DEVICE THAT IS TO BE REMOVED FROM ITS CURRENT LOCATION. DEVICES THAT ARE TO REMAIN, SHALL BE REINSTALLED IN THE EXACT LOCATION THAT THEY RESIDE IN PRIOR TO CONSTRUCTION, UNLESS NOTED OTHERWISE.

E ANY INDIVIDUAL THAT WILL BE REMOVING. RELOCATING, REINSTALLING, AND/OR TAMPERING WITH ANY EXISTING DEVICES; SHALL BE CERTIFIED BY THE MANUFACTURER OF THE SPECIFIC SYSTEM AND/OR LICENSED AS REQUIRED BY THE STATE TO PERFORM WORK ON THE SYSTEM. THE INDIVIDUAL SHALL BE A FULL-TIME EMPLOYEE OF THE FIRM CONTRACTED TO CONDUCT SUCH WORK ON THE PROJECT AND THAT FIRM SHALL ALSO HOLD ANY CERTIFICATIONS AND/OR LICENSES REQUIRED TO CONDUCT WORK ON THE SPECIFIC SYSTEM.

F ANY INDIVIDUAL/FIRM THAT WILL BE REMOVING, RELOCATING, REINSTALLING, OR TAMPERING WITH IN ANY DEVICES; SHALL BE LICENSED BY THE STATE, AS APPLICABLE, AND CERTIFIED BY THE MANUFACTURER OF THE SYSTEM.

G ALL CABLING ASSOCIATED WITH DEVICES THAT ARE TO BE DEMOLISHED, SHALL BE REMOVED FROM THE DEVICE LOCATION TO THE CABLES POINT OF ORIGIN. NO CABLE SHALL BE ABANDONED IN PLACE.

H ALL EXISTING DEVICES SHOWN ARE EXISTING TO REMAIN. CONTRACTOR TO REMOVE EXISTING DEVICES DURING CONSTRUCTION AND REINSTALL THE DEVICE IN THE SAME LOCATION, UNLESS NOTED OTHERWISE.

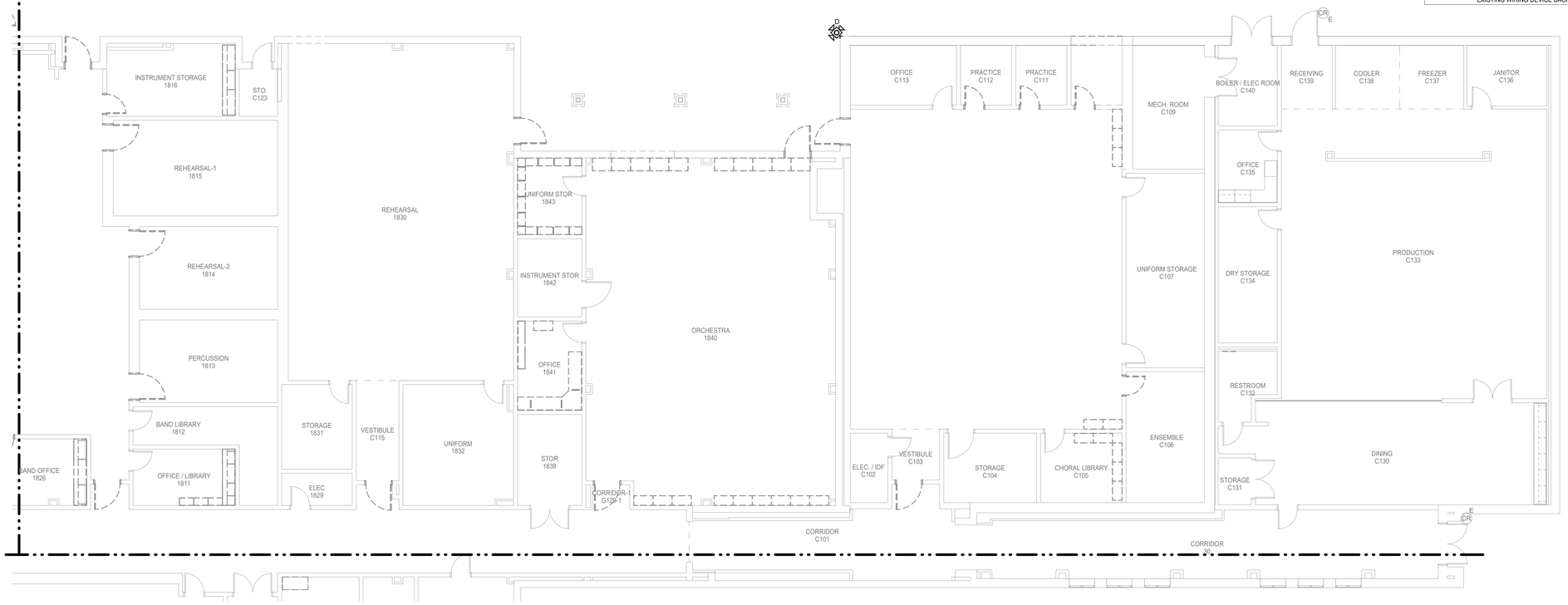
I REFERENCE EXISTING DEVICE SUBSCRIPT LEGEND ON THE NOTES AND LEGENDS SHEET.

J TOPCAT LIGHTSPEED LOCAL SOUND SPEAKERS SHALL BE BAGGED AND SUSPENDED IN THE CEILING DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE MANUFACTURER TO NOT VOID THE WARRANTY.

TOPCAT LIGHT SPEED SPEAKER, BASE STATION AND ANY OTHER SYSTEM COMPONENTS SHALL BE TAGGED BY CONTRACTOR WITH ROOM NAME AND NUMBER AND REINSTALLED IN THE SAME ROOM IT WAS REMOVED FROM.

K CONTRACTOR TO COORDINATE WITH CFISD TECHNOLOGY DEPARTMENT PRIOR TO CONSTRUCTION ON WHICH DEVICES ARE TO BE REMOVED BY THE OWNER'S VENDER IN ORDER TO PREVENT VOID OF WARRANTY.

L ALL DEMO DEVICES WITH 'D' SUBSCRIPT SHALL DISCONNECT AND REMOVE EXISTING WIRING DEVICE BACK TO SWITCH. PATCH WALL TO MATCH EXISTING.



N

1 **TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 01 - AREA G**
Scale: 1/8" = 1'-0"

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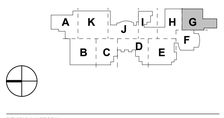
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

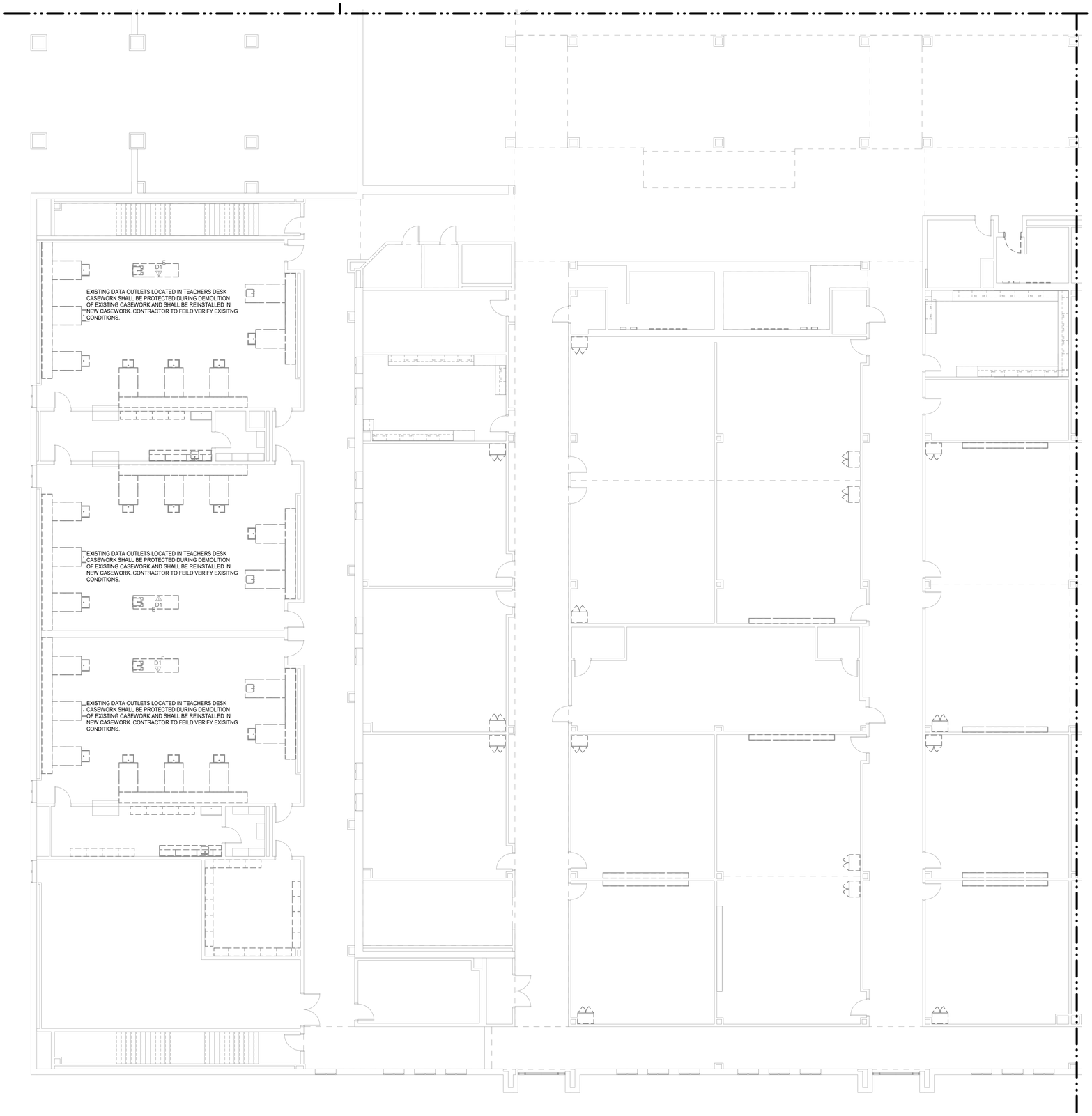
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
NY	AY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA G

SHEET NUMBER
T-007-G



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1 **TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 02 - AREA B**
Scale: 1/8" = 1'-0"

TECH DEMOLITION GENERAL NOTES

A PROJECT SCOPE INCLUDES CEILING REPLACEMENT.

B CONTRACTOR SHALL HAVE EACH LOW VOLTAGE SYSTEM TESTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SYSTEMS SHALL INCLUDE BUT NOT BE LIMITED TO:
1) FIRE ALARM
2) INTERCOM
3) STRUCTURED CABLING
4) INTRUSION DETECTION
5) ACCESS CONTROL
6) AUDIO VIDEO
7) VIDEO SURVEILLANCE
TESTING SHALL INCLUDE THE FUNCTIONALITY OF ALL FIELD DEVICES AND EQUIPMENT. ANY FAILURES OR ITEMS FOUND NOT TO BE FUNCTIONING TO SPECIFICATION, SHALL BE REPORTED PRIOR TO CONSTRUCTION. ANY ITEMS FOUND TO BE IMPROPERLY OR NON-FUNCTIONING UPON THE COMPLETION OF THE PROJECT, SHALL BE REPLACED AND/OR REPAIRED, BY THE CONTRACTOR, AT NO ADDITIONAL COST TO THE PROJECT OR THE OWNER.

C CONTRACTOR SHALL REMOVE ANY DEVICES WHERE CONSTRUCTION OCCURS TO PREVENT POSSIBLE DAMAGE TO THE DEVICE. REMOVAL OF ANY DEVICES WHICH SUPPORT USER CONNECTION OR OTHER SYSTEMS, SHALL BE COORDINATED WITH THE OWNER PRIOR TO REMOVAL AND/OR TAKING OFF LINE. REMOVAL SHALL CONSIST OF BUT NOT BE LIMITED TO THE FOLLOWING DEVICES AND ASSOCIATED SUPPORT INFRASTRUCTURE:
1) FIRE ALARM DEVICES
2) INTERCOM DEVICES
3) WIRELESS ACCESS POINTS
4) TELEPHONES
5) VIDEO SURVEILLANCE CAMERAS
6) INTRUSION DETECTION DEVICES
7) ACCESS CONTROL DEVICES
8) VIDEO PROJECTION DEVICES
9) VIDEO DISPLAY DEVICES
ANY DEVICES, NOT BEING REINSTALLED, SHALL BE RETURNED TO THE OWNER.

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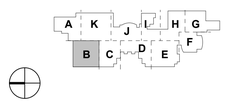
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

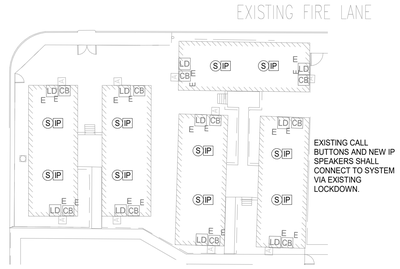
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
NY	AY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 2 - AREA B

SHEET NUMBER
T-013-B



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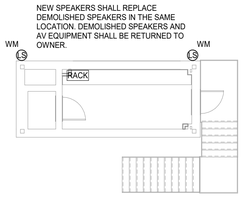
2 TECHNOLOGY SITE PLAN - PORTABLES
Scale: 1" = 30'-0"



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3 TECHNOLOGY SITE PLAN - LEVEL 02 - SOFTBALL PRESSBOX
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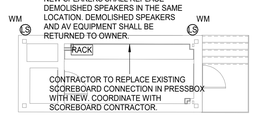

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4 TECHNOLOGY SITE PLAN - LEVEL 02 - FOOTBALL PRESSBOX
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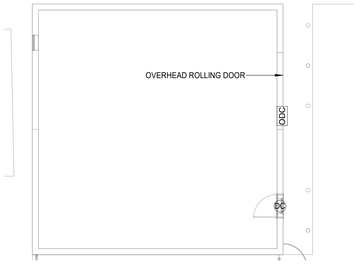

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5 TECHNOLOGY SITE PLAN - ATHLETIC STORAGE BUILDING
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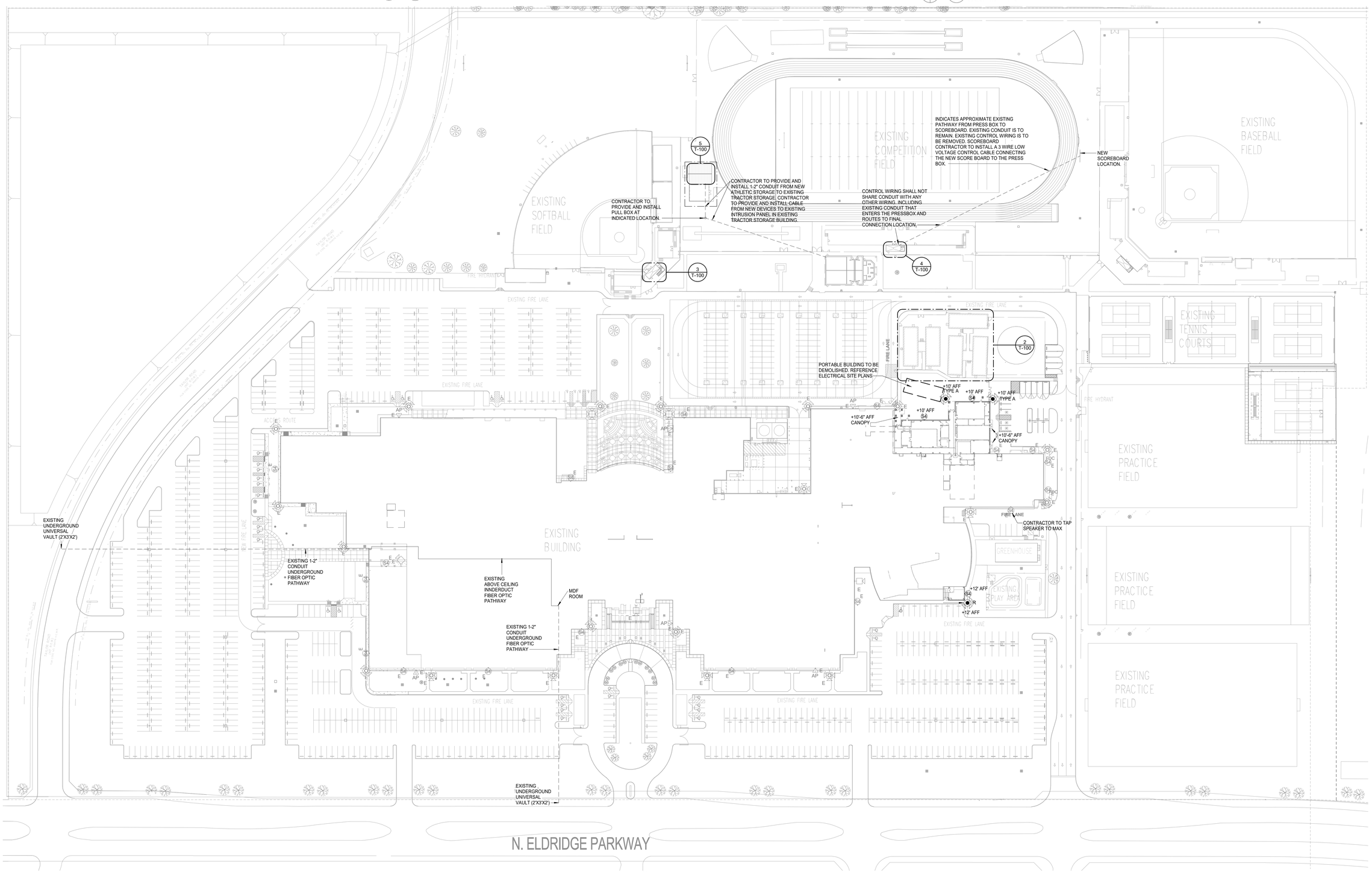

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1 TECHNOLOGY SITE PLAN
Scale: 1" = 60'-0"

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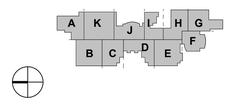

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
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ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

TECHNOLOGY SITE PLAN

SHEET NUMBER

T-100

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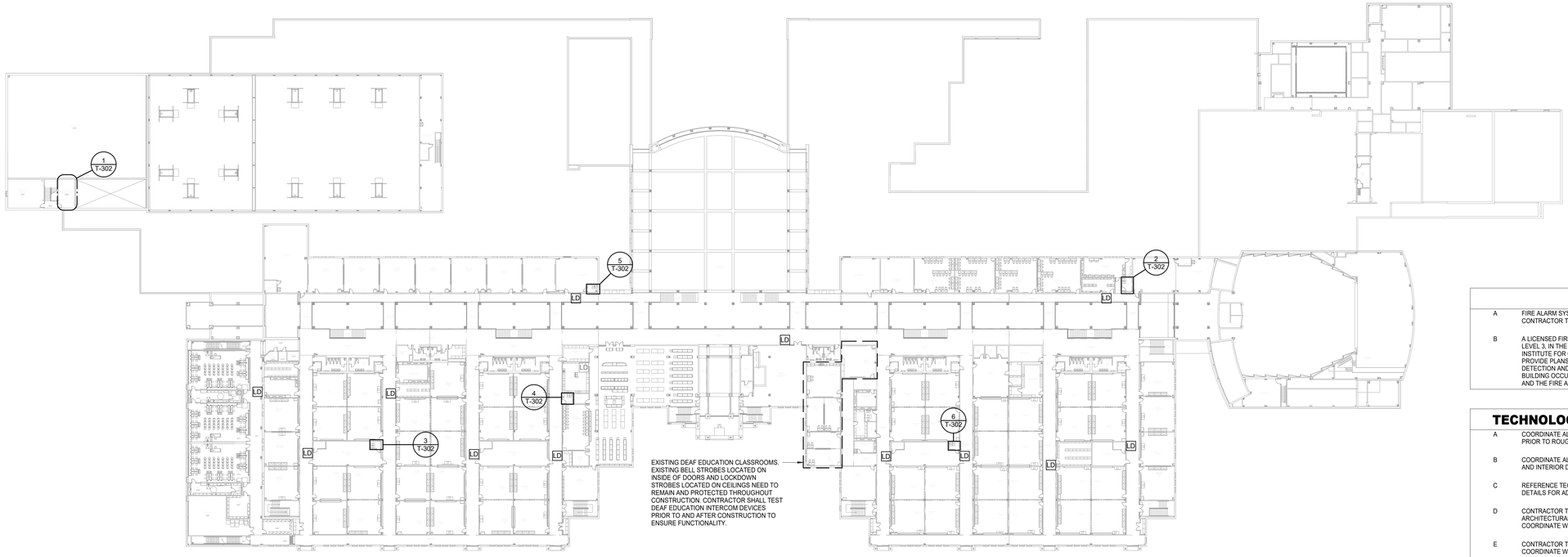

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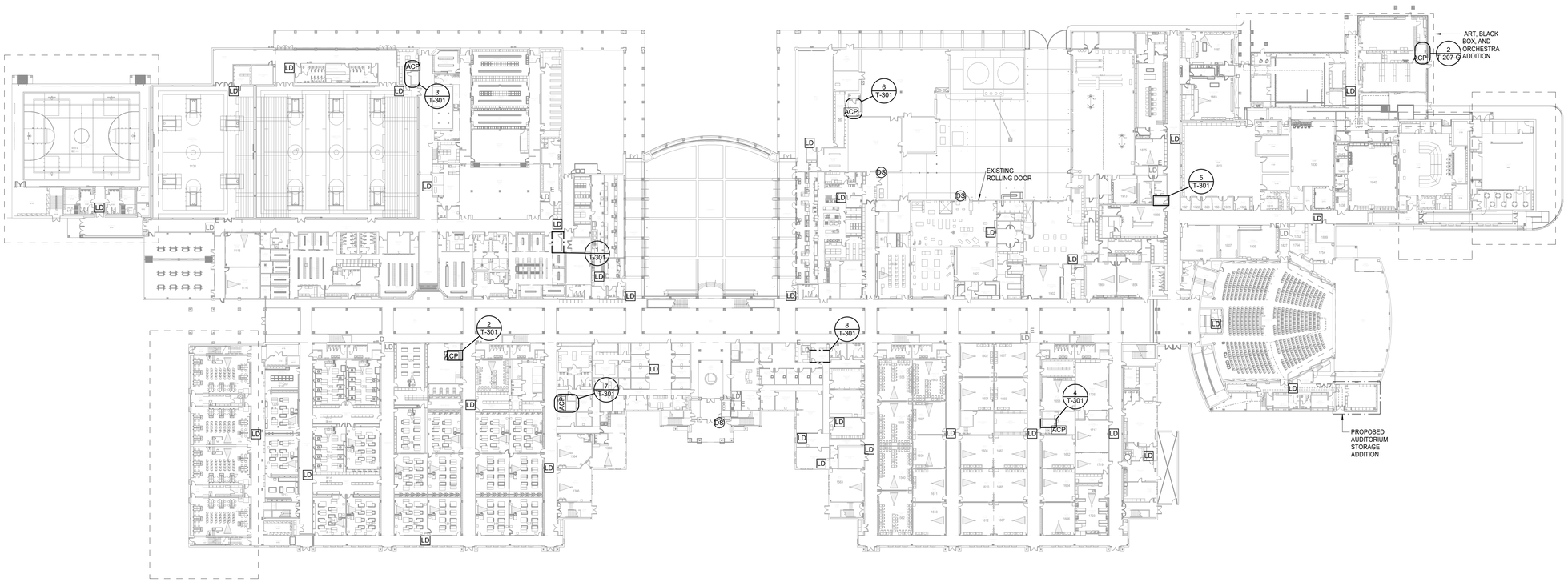
2 TECHNOLOGY COMPOSITE FLOOR PLAN - LEVEL 02

Scale: 1" = 40'-0"



N

1 TECHNOLOGY COMPOSITE FLOOR PLAN - LEVEL 01

Scale: 1" = 40'-0"

FIRE ALARM

A	FIRE ALARM SYSTEM IS A PERFORMANCE BASED PER SPECIFICATIONS 28 46 00. CONTRACTOR TO REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
B	A LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL 3, IN THE SUBFIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET), SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, CURRENT NFPA 72, LOCAL AND STATE CODE REQUIREMENTS, AND THE FIRE ALARM AND DETECTION SYSTEM SPECIFICATIONS.

TECHNOLOGY PLAN GENERAL NOTES

A	COORDINATE ALL FINAL MOUNTING HEIGHTS, FOR WALL MOUNTED DEVICES, PRIOR TO ROUGH-IN. COORDINATE WITH ARCHITECT, OWNER AND ENGINEER.
B	COORDINATE ALL CEILING DEVICE LOCATIONS WITH ARCHITECTURAL DRAWINGS AND INTERIOR DESIGN CONSULTANT(IF APPLICABLE) PRIOR TO ROUGH-IN.
C	REFERENCE TECHNOLOGY SITE PLAN, COMPOSITE, NOTES & LEGENDS AND DETAILS FOR ADDITIONAL INFORMATION AND DEVICE/OUTLET LOCATIONS.
D	CONTRACTOR TO COORDINATE INTERCOM SPEAKER MOUNTING TYPES WITH ARCHITECTURAL CEILING PLANS PRIOR TO FINAL SPEAKER SELECTION. COORDINATE WITH ENGINEER ON ANY DISCREPANCIES.
E	CONTRACTOR TO COORDINATE ALL DROP LOCATIONS WITH FURNITURE. COORDINATE WITH ARCHITECT AND OWNER FOR MORE INFORMATION.
F	ALL EXISTING LOCKDOWN BUTTONS THAT ARE BEING REUSED SHALL HAVE EXISTING WIRING DEMOLISHED AND REPLACED BY CONTRACTOR.

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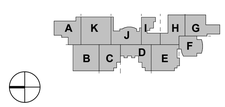
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

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33AC23221	CFISD
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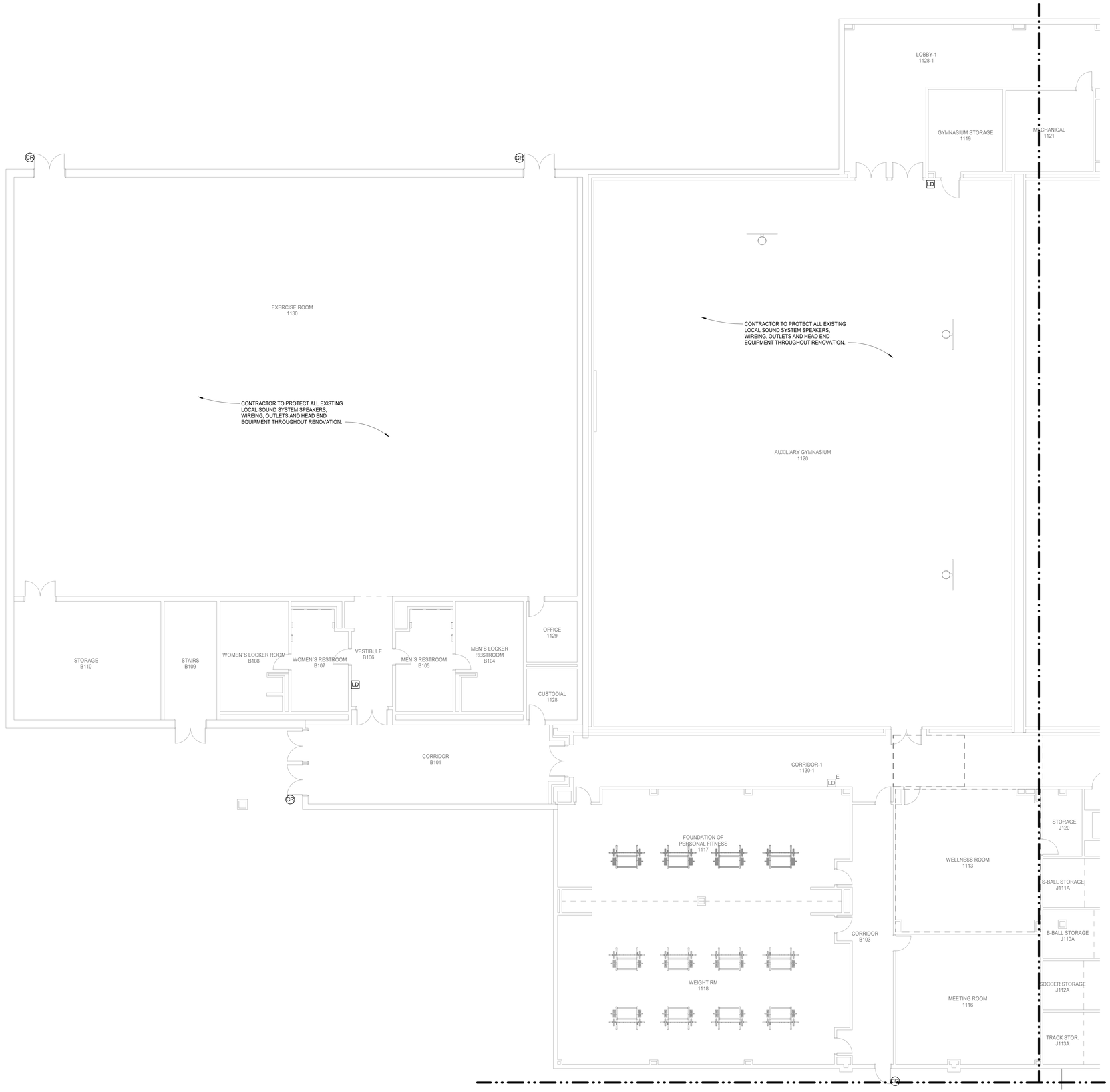
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY COMPOSITE FLOOR PLANS

SHEET NUMBER
T-101



1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA A**
Scale: 1/8" = 1'-0"

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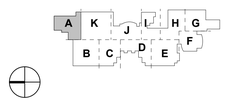

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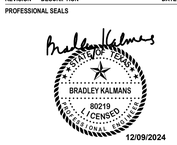
REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

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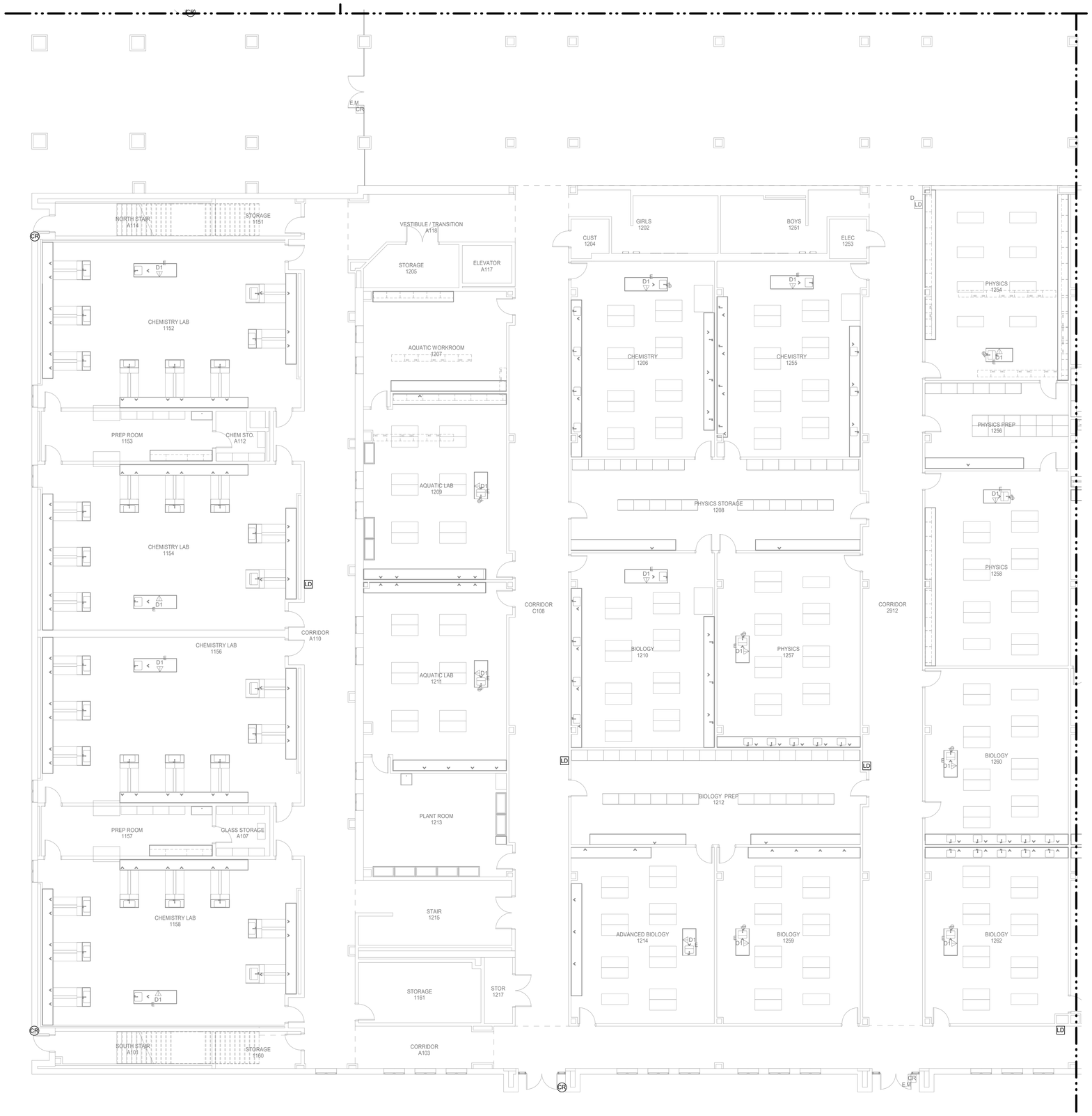
SHEET NAME
TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA A

SHEET NUMBER
T-201-A



1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA B**
Scale: 1/8" = 1'-0"

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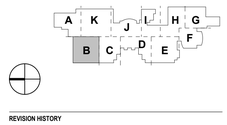

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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NY	AY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

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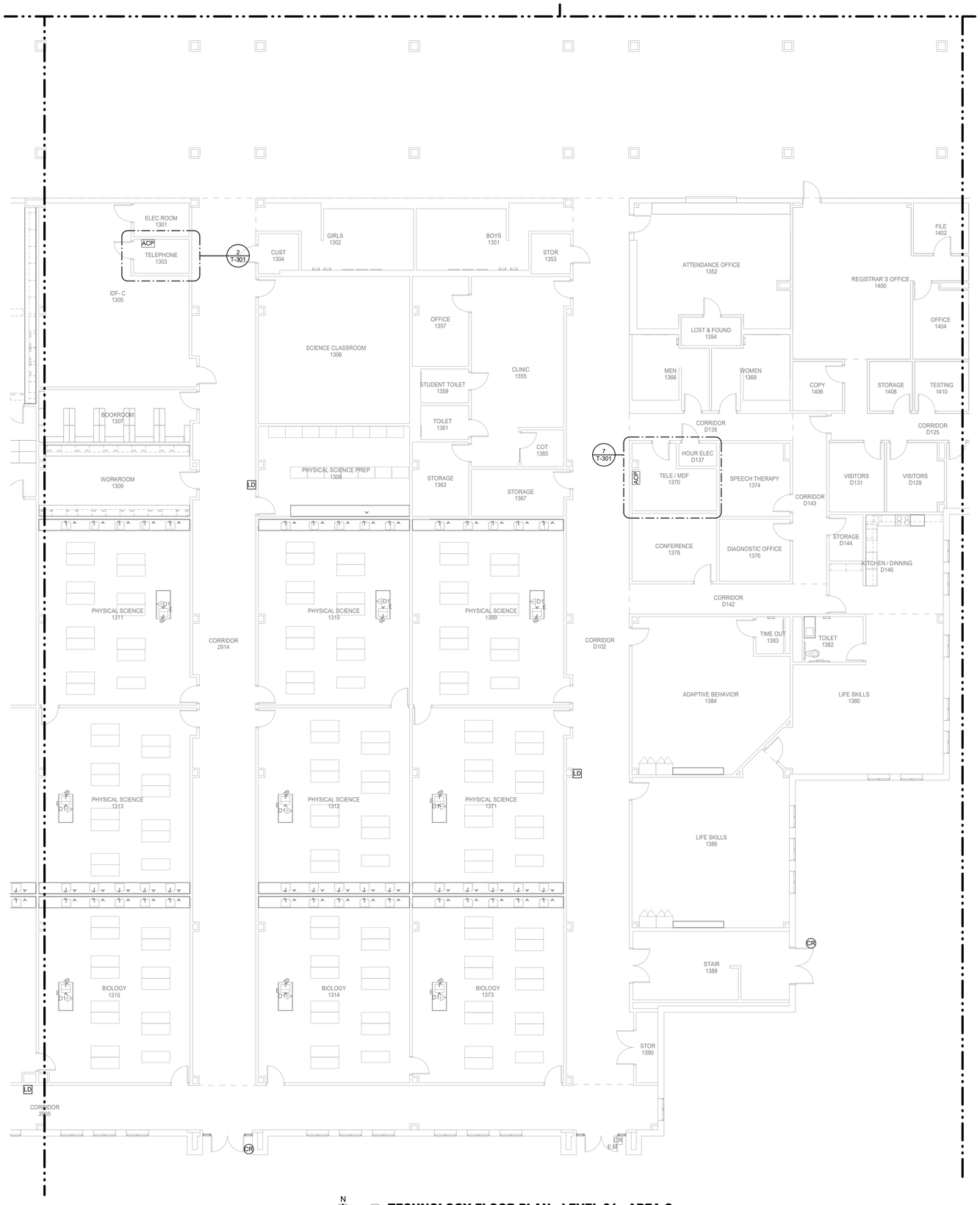
SHEET NUMBER
T-202-B



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA C**
Scale: 1/8" = 1'-0"

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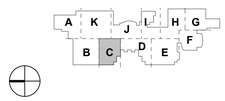

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

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PROJECT
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33AC23221	CFISD
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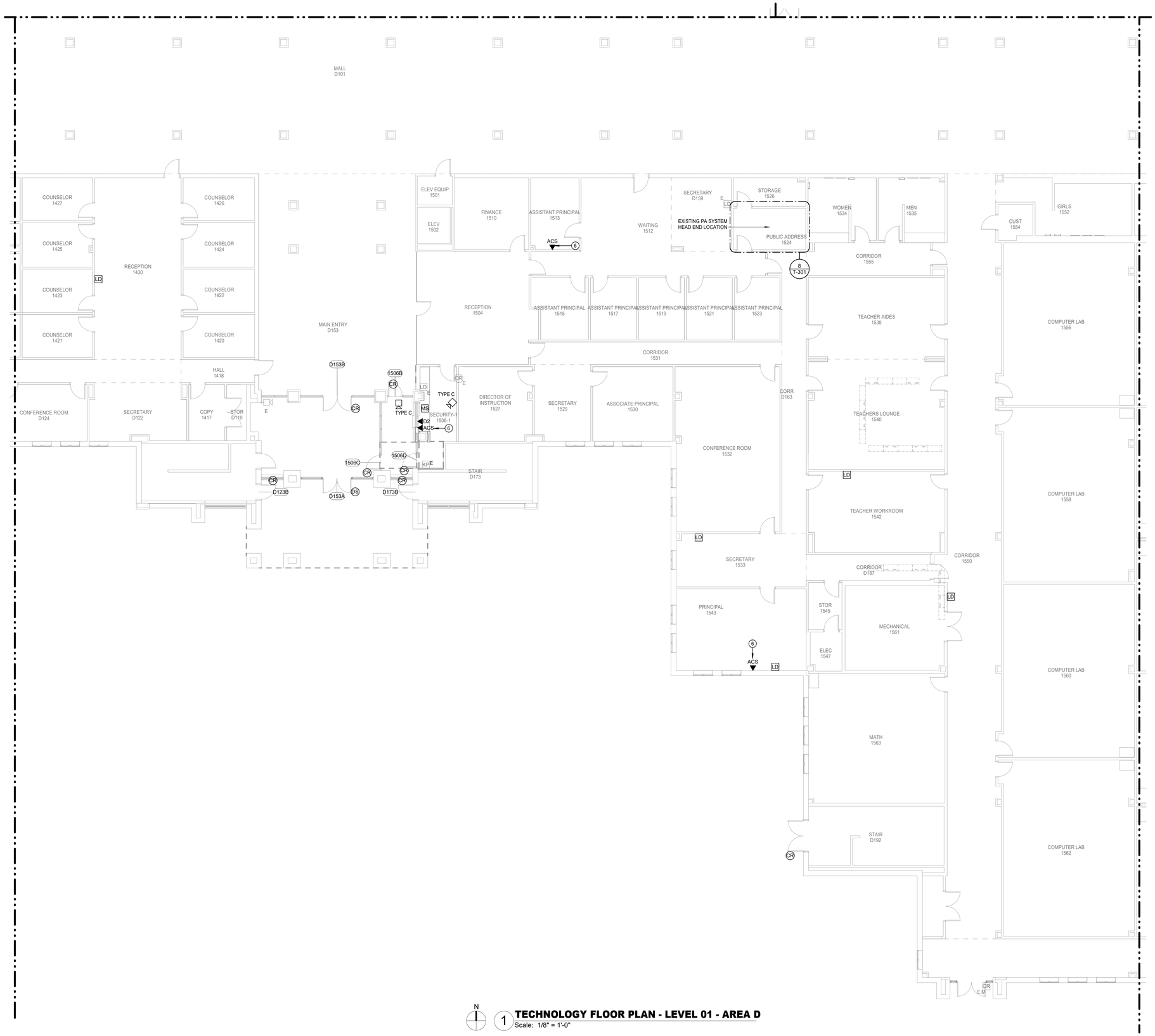
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA C

SHEET NUMBER
T-203-C



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA D**
Scale: 1/8" = 1'-0"

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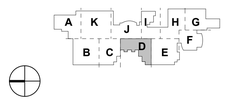

REVISION HISTORY

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PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
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SHEET NAME
TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA D

SHEET NUMBER
T-204-D

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1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA E**
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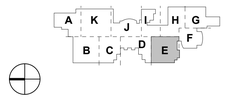

REVISION HISTORY

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PROFESSIONAL SEALS

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INDEPENDENT SCHOOL DISTRICT

PROJECT
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DECEMBER 09, 2024

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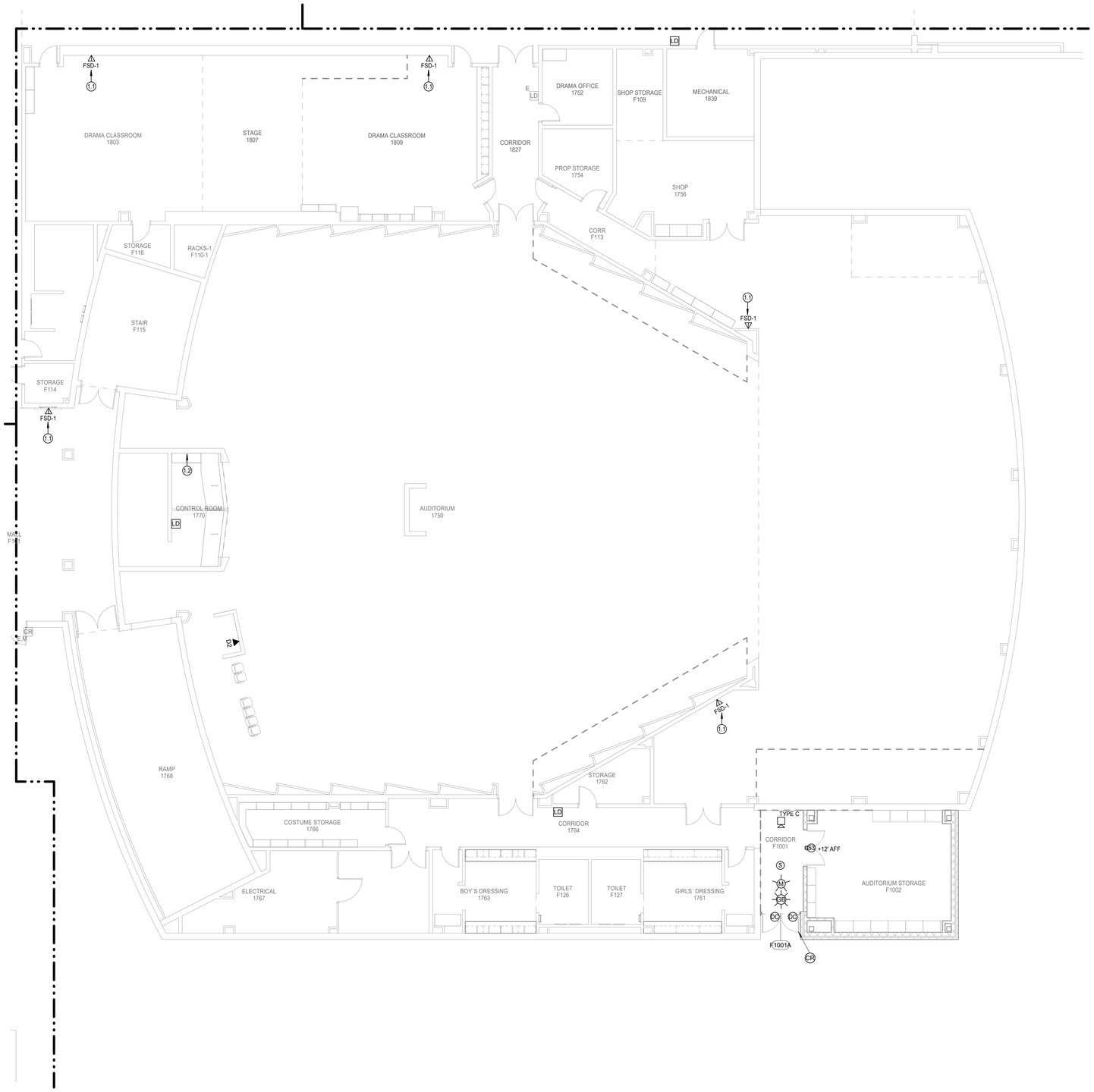
TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA E

SHEET NUMBER
T-205-E



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1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA F**
Scale: 1/8" = 1'-0"

TECHNOLOGY PLAN GENERAL NOTES

A	COORDINATE ALL FINAL MOUNTING HEIGHTS, FOR WALL MOUNTED DEVICES, PRIOR TO ROUGH-IN. COORDINATE WITH ARCHITECT, OWNER AND ENGINEER.
B	COORDINATE ALL CEILING DEVICE LOCATIONS WITH ARCHITECTURAL DRAWINGS AND INTERIOR DESIGN CONSULTANT(IF APPLICABLE) PRIOR TO ROUGH-IN.
C	REFERENCE TECHNOLOGY SITE PLAN, COMPOSITE, NOTES & LEGENDS AND DETAILS FOR ADDITIONAL INFORMATION AND DEVICE/OUTLET LOCATIONS.
D	CONTRACTOR TO COORDINATE INTERCOM SPEAKER MOUNTING TYPES WITH ARCHITECTURAL CEILING PLANS PRIOR TO FINAL SPEAKER SELECTION. COORDINATE WITH ENGINEER ON ANY DISCREPANCIES.
E	CONTRACTOR TO COORDINATE ALL DROP LOCATIONS WITH FURNITURE. COORDINATE WITH ARCHITECT AND OWNER FOR MORE INFORMATION.
F	ALL EXISTING LOCKDOWN BUTTONS THAT ARE BEING REUSED SHALL HAVE EXISTING WIRING DEMOLISHED AND REPLACED BY CONTRACTOR.

AV COORDINATION KEY NOTES

1.1	CONTRACTOR TO PROVIDE AND INSTALL DATA OUTLET FOR AV CONSULTANT DISPLAY. BACKBOX TO BE MOUTED AT +60" AFF. REFERENCE AV CONSULTANT DRAWINGS FOR FINAL MOUNTING LOCATION/HEIGHT AND DATA QUANTITIES.
1.2	PROVIDE A CONTACT CLOSURE TO AUDIO-VIDEO RACKS FOR EMERGENCY MUTING OF AUDIO SYSTEMS IF FIRE OR LOCKDOWN SYSTEM ARE IN ALARM.

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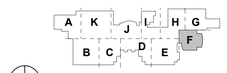

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA F

SHEET NUMBER
T-206-F

TECHNOLOGY PLAN GENERAL NOTES

A	COORDINATE ALL FINAL MOUNTING HEIGHTS, FOR WALL MOUNTED DEVICES, PRIOR TO ROUGH-IN. COORDINATE WITH ARCHITECT, OWNER AND ENGINEER.
B	COORDINATE ALL CEILING DEVICE LOCATIONS WITH ARCHITECTURAL DRAWINGS AND INTERIOR DESIGN CONSULTANT(IF APPLICABLE) PRIOR TO ROUGH-IN.
C	REFERENCE TECHNOLOGY SITE PLAN, COMPOSITE, NOTES & LEGENDS AND DETAILS FOR ADDITIONAL INFORMATION AND DEVICE/OUTLET LOCATIONS.
D	CONTRACTOR TO COORDINATE INTERCOM SPEAKER MOUNTING TYPES WITH ARCHITECTURAL CEILING PLANS PRIOR TO FINAL SPEAKER SELECTION. COORDINATE WITH ENGINEER ON ANY DISCREPANCIES.
E	CONTRACTOR TO COORDINATE ALL DROP LOCATIONS WITH FURNITURE. COORDINATE WITH ARCHITECT AND OWNER FOR MORE INFORMATION.
F	ALL EXISTING LOCKDOWN BUTTONS THAT ARE BEING REUSED SHALL HAVE EXISTING WIRING DEMOLISHED AND REPLACED BY CONTRACTOR.

FIRE ALARM

A	FIRE ALARM SYSTEM IS A PERFORMANCE BASED PER SPECIFICATIONS 28 46 00. CONTRACTOR TO REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
B	A LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL 3, IN THE SUBFIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET); SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, CURRENT NFPA 72, LOCAL AND STATE CODE REQUIREMENTS, AND THE FIRE ALARM AND DETECTION SYSTEM SPECIFICATIONS.

AV COORDINATION KEY NOTES

1.1	CONTRACTOR TO PROVIDE AND INSTALL DATA OUTLET FOR AV CONSULTANT DISPLAY. BACKBOX TO BE MOUTED AT +60" AFF. REFERENCE AV CONSULTANT DRAWINGS FOR FINAL MOUNTING LOCATION/HEIGHT AND DATA QUANTITIES.
1.2	PROVIDE A CONTACT CLOSURE TO AUDIO-VIDEO RACKS FOR EMERGENCY MUTING OF AUDIO SYSTEMS IF FIRE OR LOCKDOWN SYSTEM ARE IN ALARM.

TECH ENLARGED PLAN GENERAL NOTES

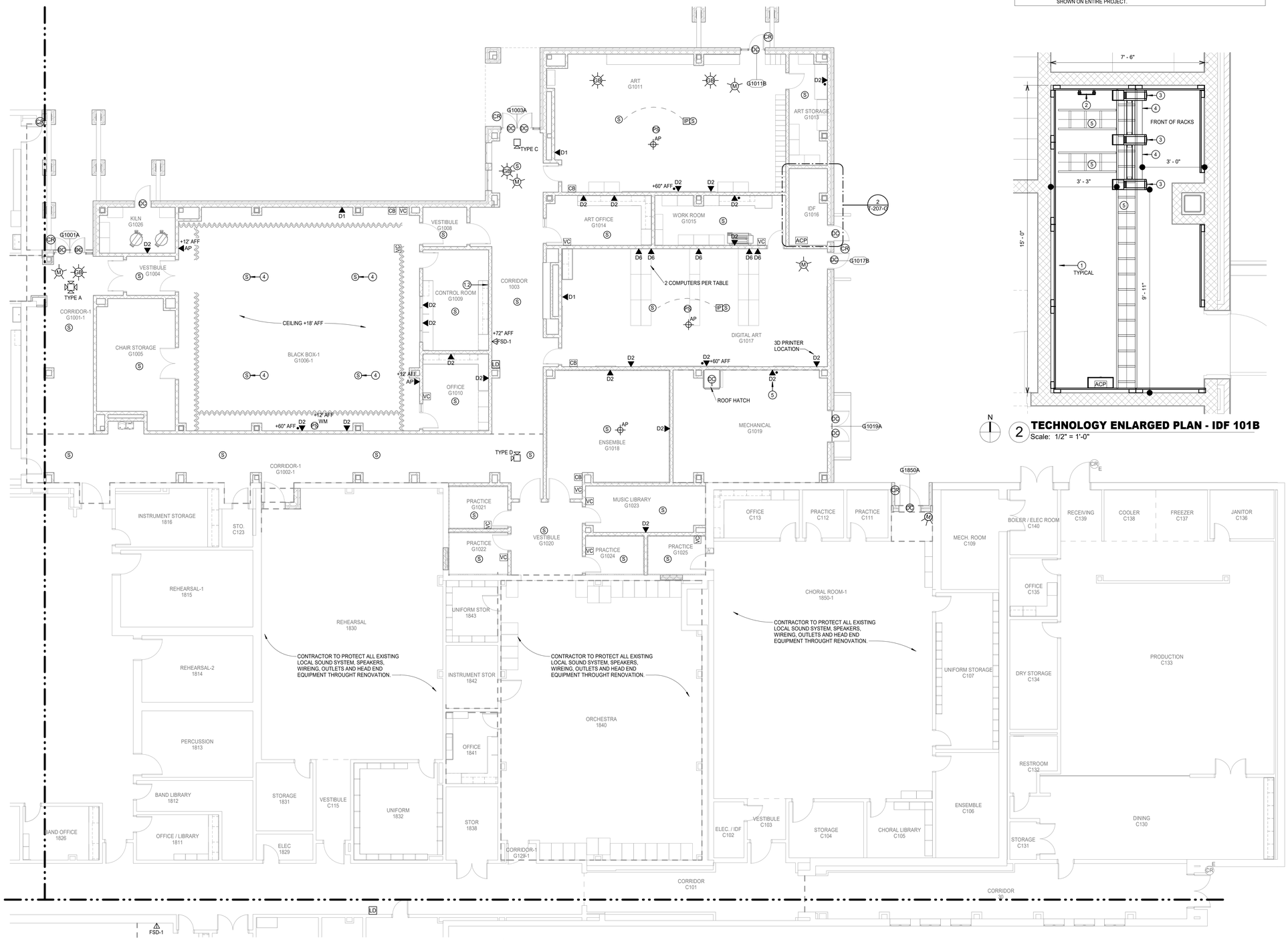
A	ALL RACK LOCATIONS SHALL BE COORDINATED WITH THE PROJECT'S TECHNOLOGY CONSULTANT AND OWNER PRIOR TO INSTALLATION. NO RACKS AND/OR ASSOCIATED CABLE TRAY SYSTEM SHALL BE PERMANENTLY INSTALLED PRIOR TO DOCUMENTED ACCEPTANCE.
B	PATCH PANEL QUANTITY SHALL BE DETERMINED BY STATION CABLE DROP COUNTS SHOWN ON TECHNOLOGY PLANS AND THE ASSOCIATED PROJECT MATRIX. ENSURE PATCH PANEL QUANTITY IS SUFFICIENT TO SUPPORT THE NUMBER OF PORTS REQUIRED BY TECHNOLOGY PLANS PLUS AN ADDITIONAL 25% FOR FUTURE GROWTH.
C	CONTRACTOR SHALL NOT MOUNT EXCEED MORE THAN A 50% RACK FILL RATIO ON ANY RACK.
D	REFERENCE SPECIFICATIONS FOR MATERIALS AND METHODS
E	ALL RACKS, LADDER TRAYSAND ANY OTHER DEVICES, PART OF THE STRUCTURED CABLING SYSTEM, SHALL BE GROUNDED TO A GROUND BUS BAR LOCATED IN THE TELECOMMUNICATIONS ROOM WITH A #6AWG GROUND CABLE. DAISY CHAINING WILL NOT BE ACCEPTED. ALL ITEMS SHALL HAVE A DEDICATED GROUND CABLE TO BUS BAR. GROUND CABLE SHALL BE GREEN IN COLOR.
F	CONTRACTOR TO PROVIDE AND INSTALL ALL MISCELANIOUS MOUNTING AND CONNECTION EQUIPMENT AND HARDWARE TO PROVIDE A COMPLETE CABLE LADDER AND RACK SYSTEM.

TECHNOLOGY PLAN KEY NOTES

1	INDICATED LOCAL SOUND SYSTEM SPEAKER SHALL BE DIRECTED AT CENTER COURT
2	INDICATED LOCAL SOUND SPEAKER SHALL BE DIRECTED AT BLEACHERS.
3	NEW LOCAL SOUND SYSTEM HEAD END EQUIPMENT SHALL BE LOCATED IN EXISTING GYM AV RACK.
4	INTERCOM SPEAKERS IN THIS ROOM SHALL BE CONNECTED TO INTERCOM SYSTEM ANALOG GATEWAY. THESE SPEAKERS SHALL BE MOUNTED TO PIPE GRID WITH CONTRACTOR PROVIDED AND INSTALLED BEAM CLAMPS. SPEAKERS AND CLAMPS SHALL BE PAINTED BLACK BY CONTRACTOR.
5	DATA RESERVED FOR BMCS SYSTEM. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR.
6	INDICATED ACS NETWORK CABLE SHALL CONNECTED DIRECTLY TO PA SYSTEM HEAD END.

TECH ENLARGED PLAN KEYED NOTES

1	INDICATES THE LOCATION OF A 8' TALL, 3/4" FIRE RATED PLYWOOD CONTRACTOR TO PROVIDE AND INSTALL PLYWOOD AND ALL REQUIRED MOUNTING HARDWARE. PLYWOOD SHALL BE PAINTED WHITE WITH FIRE RATED PAINT. TYPICAL FOR ALL SHOWN ON DRAWING.
2	INDICATES THE LOCATION OF A NEW WALL MOUNTED TELECOMMUNICATION GROUND BUS BAR (TGBB). CABLING CONTRACTOR TO PROVIDE BUS BAR AND ALL REQUIRED MATERIAL TO MOUNT AT THE LOCATION SHOWN. TGBB TO BE MOUNTED AT +93" A.F.F.
3	PROVIDE AND INSTALL ONE (1) 7'X6", FRONT AND REAR MANAGED, VERTICAL CABLE MANAGER (BLACK IN COLOR). CABLE MANAGERS SHALL BE INSTALLED ON EACH END OF THE RACK SYSTEMS AND BETWEEN EACH RACK. CABLE MANAGERS SHALL HAVE A SINGLE, SOLID, FULL HEIGHT HINGED DOOR IN THE FRONT AND WIDE SPACED CABLE RINGS WITH SPIN-OPEN LATCHES IN THE REAR. TYPICAL FOR ALL SHOWN IN THE ENTIRE PROJECT.
4	PROVIDE AND INSTALL ONE (1) 2-POST, FLOOR MOUNTED, 7' RELAY RACK (BLACK IN COLOR). PROVIDE BONDING WASHERS, BOLTS, AND NUTS AT ALL MECHANICALLY CONNECTED LOCATIONS OF THE RACK TO ENSURE THAT ALL PIECES OF THE RACK ARE COMPLETELY BONDED. SCRAPING PAINT FROM RACKS TO MAKE A BOND WILL NOT BE ACCEPTED. ALL RACK MOUNTED COMPONENTS SHALL BE MOUNTED WITH BONDING SCREWS AND THE CONTRACTOR SHALL PROVIDE THE OWNER WITH (50) ADDITIONAL BONDING SCREWS FOR THE INSTALLATION OF OWNER EQUIPMENT. NO DAISY CHAINING GROUNDS FROM RACK TO CABLE TRAY OR TO OTHER RACKS WILL BE ACCEPTED. ALL GROUNDS SHALL BE HOME RUN TO THE TELECOMMUNICATIONS GROUND BUS BAR (TGBB). TYPICAL FOR ALL SHOWN ON THE ENTIRE PROJECT.
5	PROVIDE AND INSTALL A 12" WIDE, UNIVERSAL LADDER TRAY AND ALL REQUIRED MOUNTING HARDWARE. LADDER TRAY SHALL BE BLACK IN COLOR. TYPICAL FOR ALL SHOWN ON ENTIRE PROJECT.



1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA G**
Scale: 1/8" = 1'-0"

2 **TECHNOLOGY ENLARGED PLAN - IDF 101B**
Scale: 1/2" = 1'-0"

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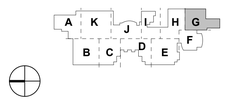

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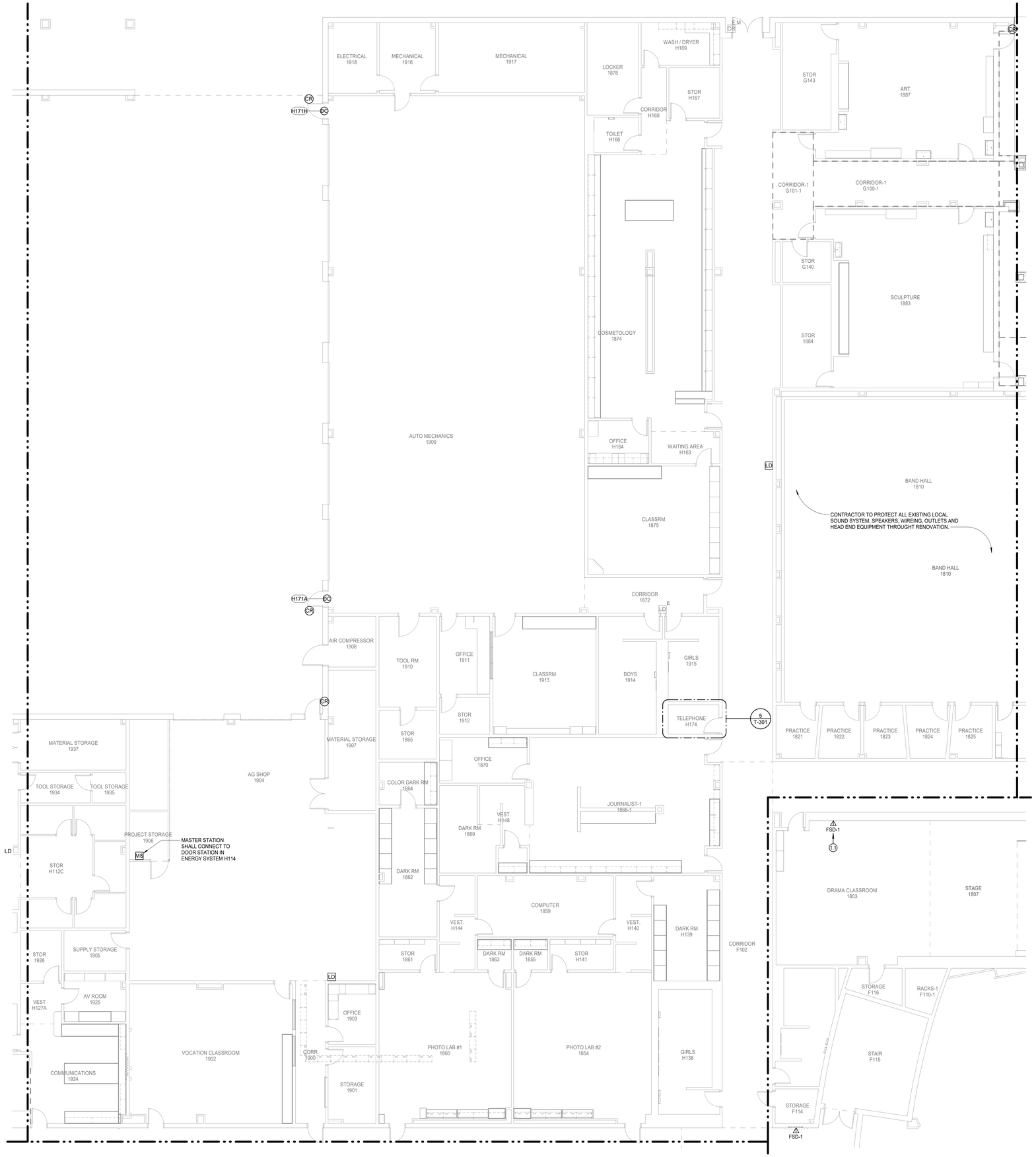
SHEET NUMBER
T-207-G



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA H**
Scale: 1/8" = 1'-0"

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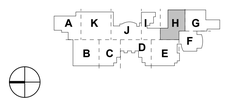

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
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ORIGINAL ISSUE

ISSUE FOR PROPOSALS
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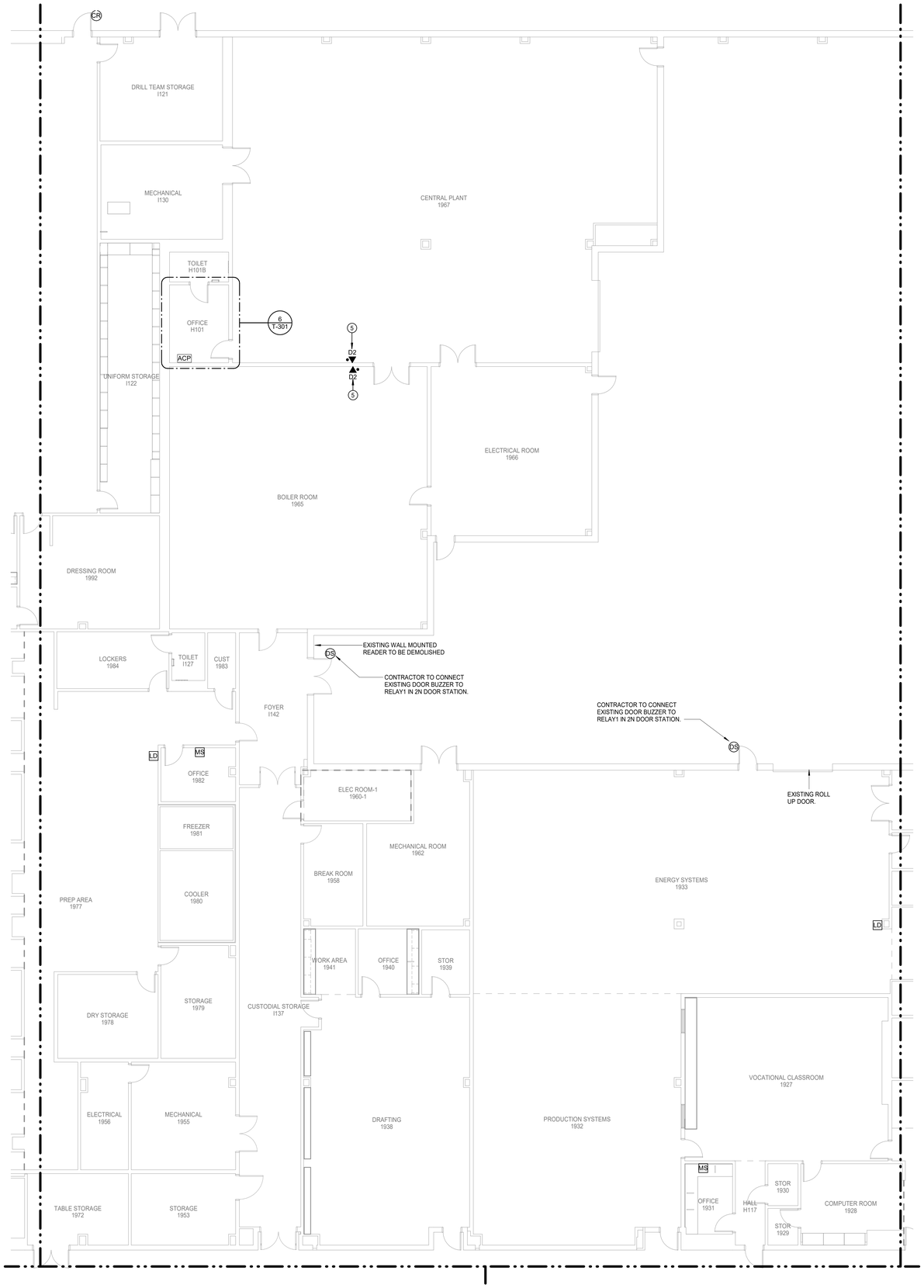
SHEET NAME

TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA H

SHEET NUMBER

T-208-H



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1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA I**
Scale: 1/8" = 1'-0"

TECHNOLOGY PLAN KEY NOTES

1	INDICATED LOCAL SOUND SYSTEM SPEAKER SHALL BE DIRECTED AT CENTER COURT
2	INDICATED LOCAL SOUND SPEAKER SHALL BE DIRECTED AT BLEACHERS.
3	NEW LOCAL SOUND SYSTEM HEAD END EQUIPMENT SHALL BE LOCATED IN EXISTING GYM AV RACK.
4	INTERCOM SPEAKERS IN THIS ROOM SHALL BE CONNECTED TO INTERCOM SYSTEM ANALOG GATEWAY. THESE SPEAKERS SHALL BE MOUNTED TO PIPE GRID WITH CONTRACTOR PROVIDED AND INSTALLED BEAM CLAMPS. SPEAKERS AND CLAMPS SHALL BE PAINTED BLACK BY CONTRACTOR.
5	DATA RESERVED FOR BMCS SYSTEM. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR.
6	INDICATED ACS NETWORK CABLE SHALL CONNECTED DIRECTLY TO PA SYSTEM HEAD END.

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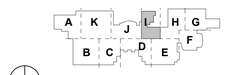

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SHEET NAME
TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA I

SHEET NUMBER
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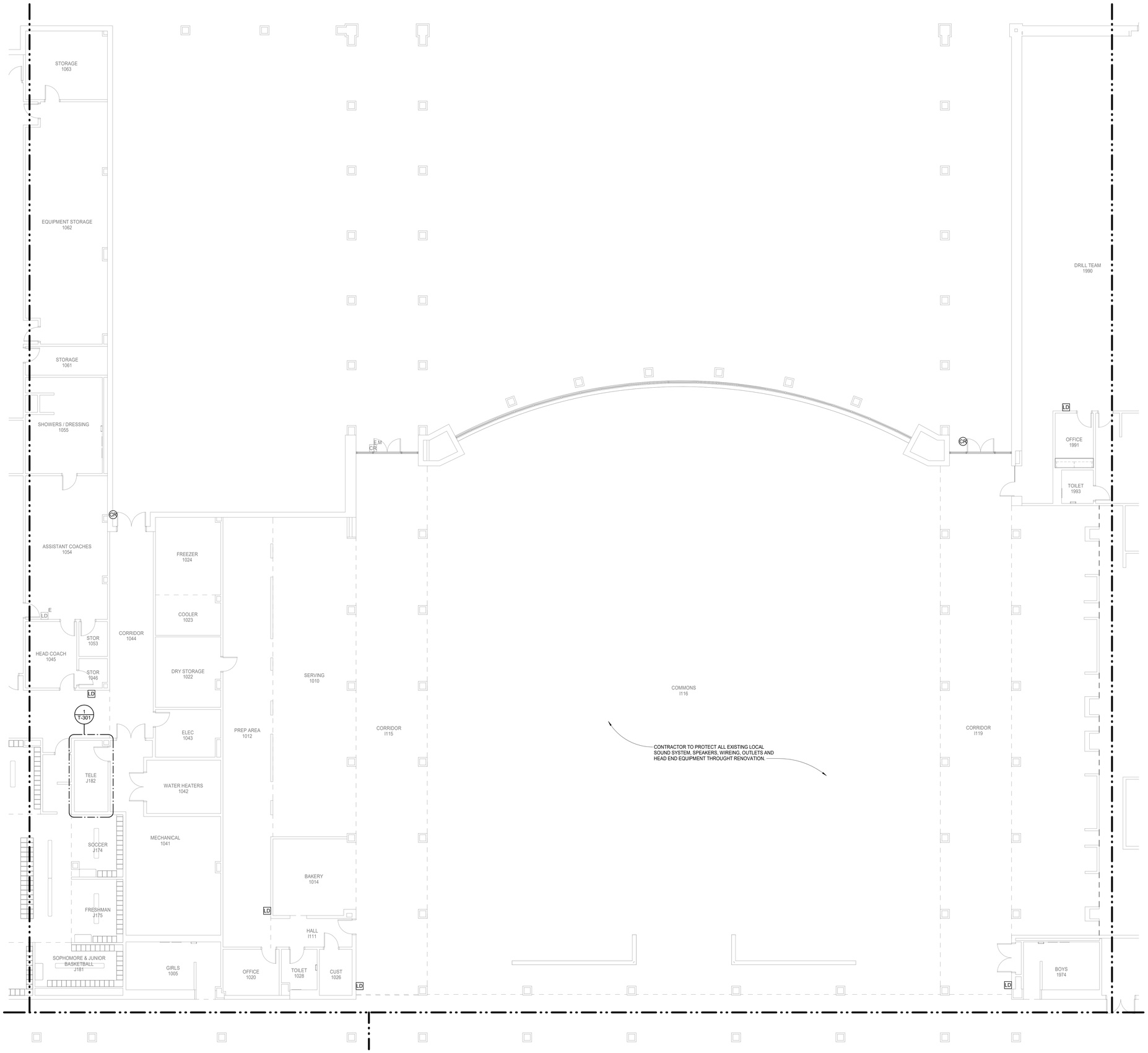

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1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA J**
Scale: 1/8" = 1'-0"

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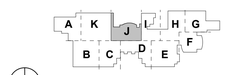

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS
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PROJECT
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TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA J

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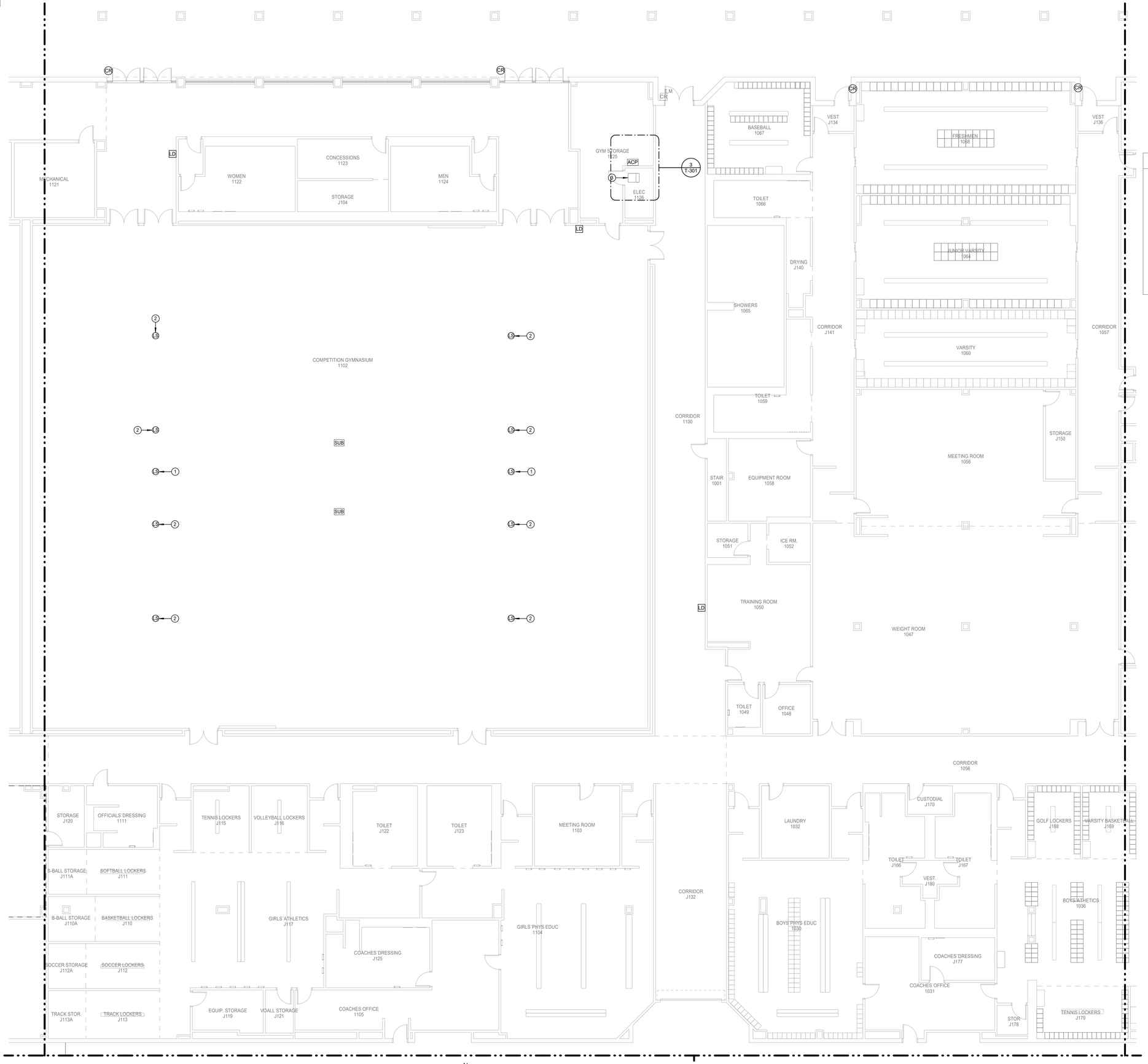
T-210-J



1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - AREA K**
Scale: 1/8" = 1'-0"

TECHNOLOGY PLAN KEY NOTES

1. INDICATED LOCAL SOUND SYSTEM SPEAKER SHALL BE DIRECTED AT CENTER COURT
2. INDICATED LOCAL SOUND SPEAKER SHALL BE DIRECTED AT BLEACHERS.
3. NEW LOCAL SOUND SYSTEM HEAD END EQUIPMENT SHALL BE LOCATED IN EXISTING GYM AV RACK.
4. INTERCOM SPEAKERS IN THIS ROOM SHALL BE CONNECTED TO INTERCOM SYSTEM ANALOG GATEWAY. THESE SPEAKERS SHALL BE MOUNTED TO PIPE GRID WITH CONTRACTOR PROVIDED AND INSTALLED BEAM CLAMPS. SPEAKERS AND CLAMPS SHALL BE PAINTED BLACK BY CONTRACTOR.
5. DATA RESERVED FOR BMCS SYSTEM. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR.
6. INDICATED ACS NETWORK CABLE SHALL CONNECTED DIRECTLY TO PA SYSTEM HEAD END.

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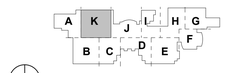

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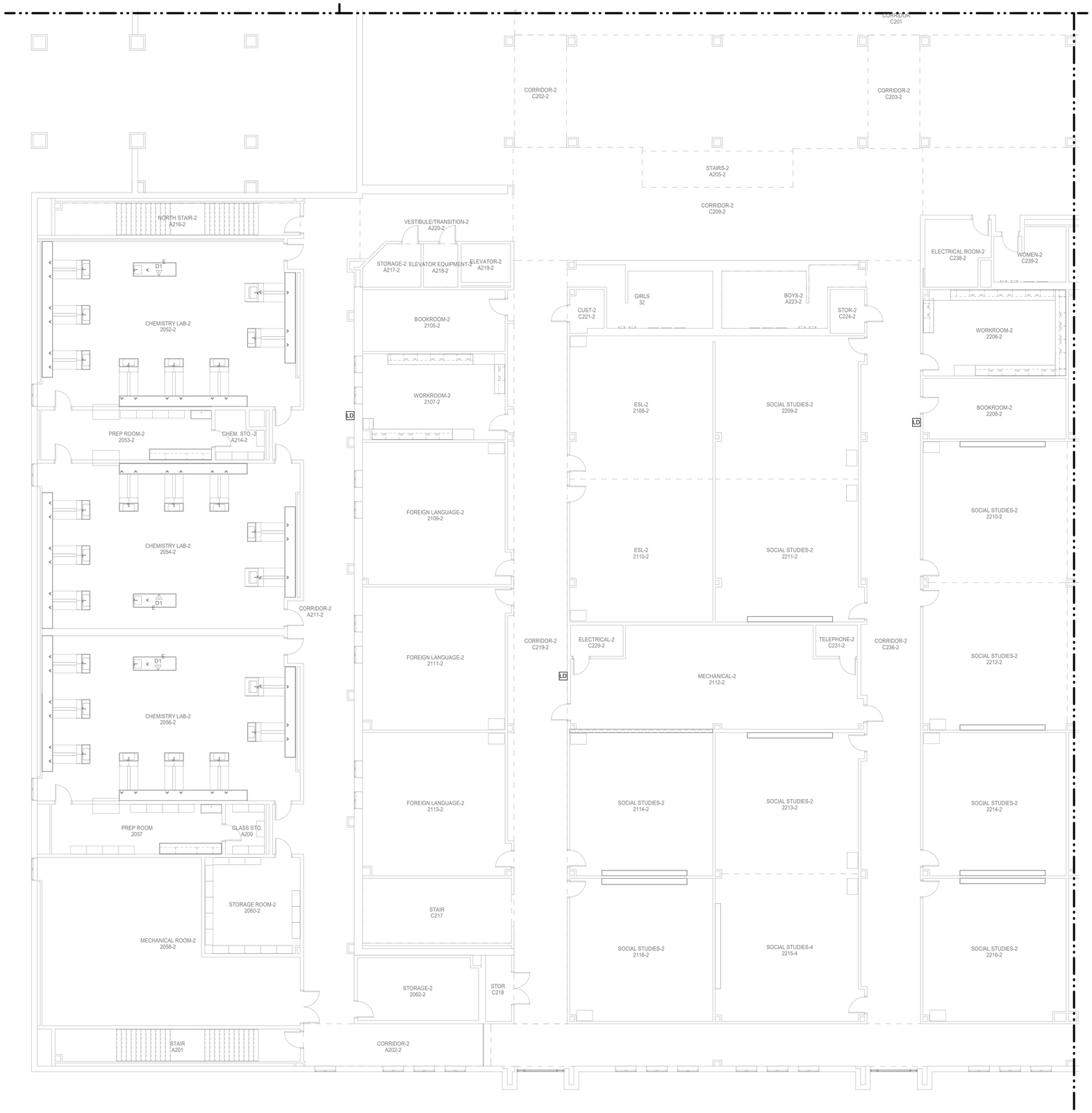
TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA K

SHEET NUMBER
T-211-K



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1 **TECHNOLOGY FLOOR PLAN - LEVEL 02 - AREA B**

Scale: 1/8" = 1'-0"

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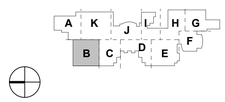

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

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33AC23221	CFISD
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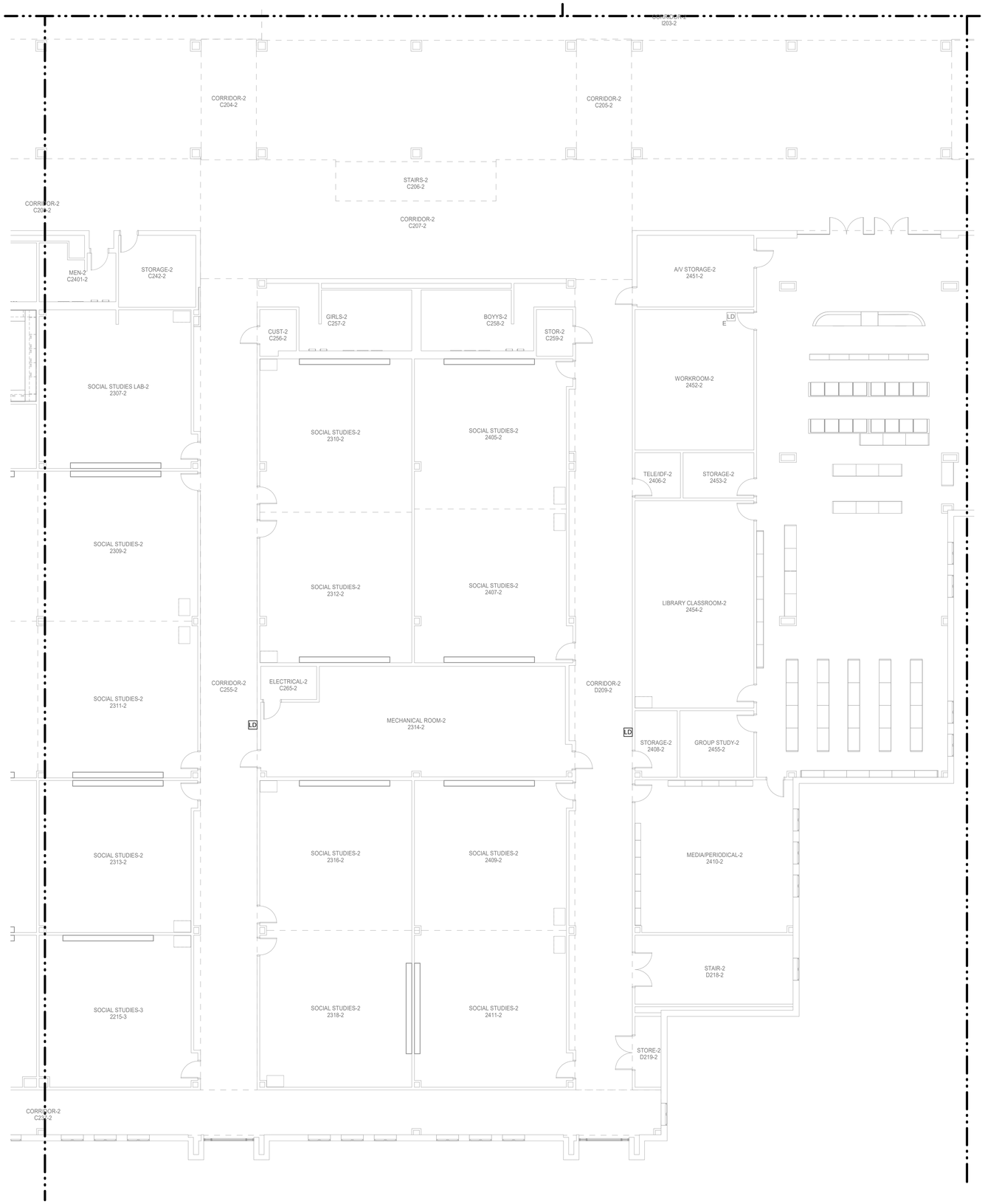
DECEMBER 09, 2024

SHEET NAME

TECHNOLOGY FLOOR PLAN - LEVEL 2 - AREA B

SHEET NUMBER

T-213-B



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 02 - AREA C**
Scale: 1/8" = 1'-0"

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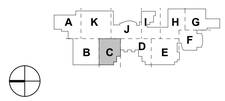

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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PROJECT
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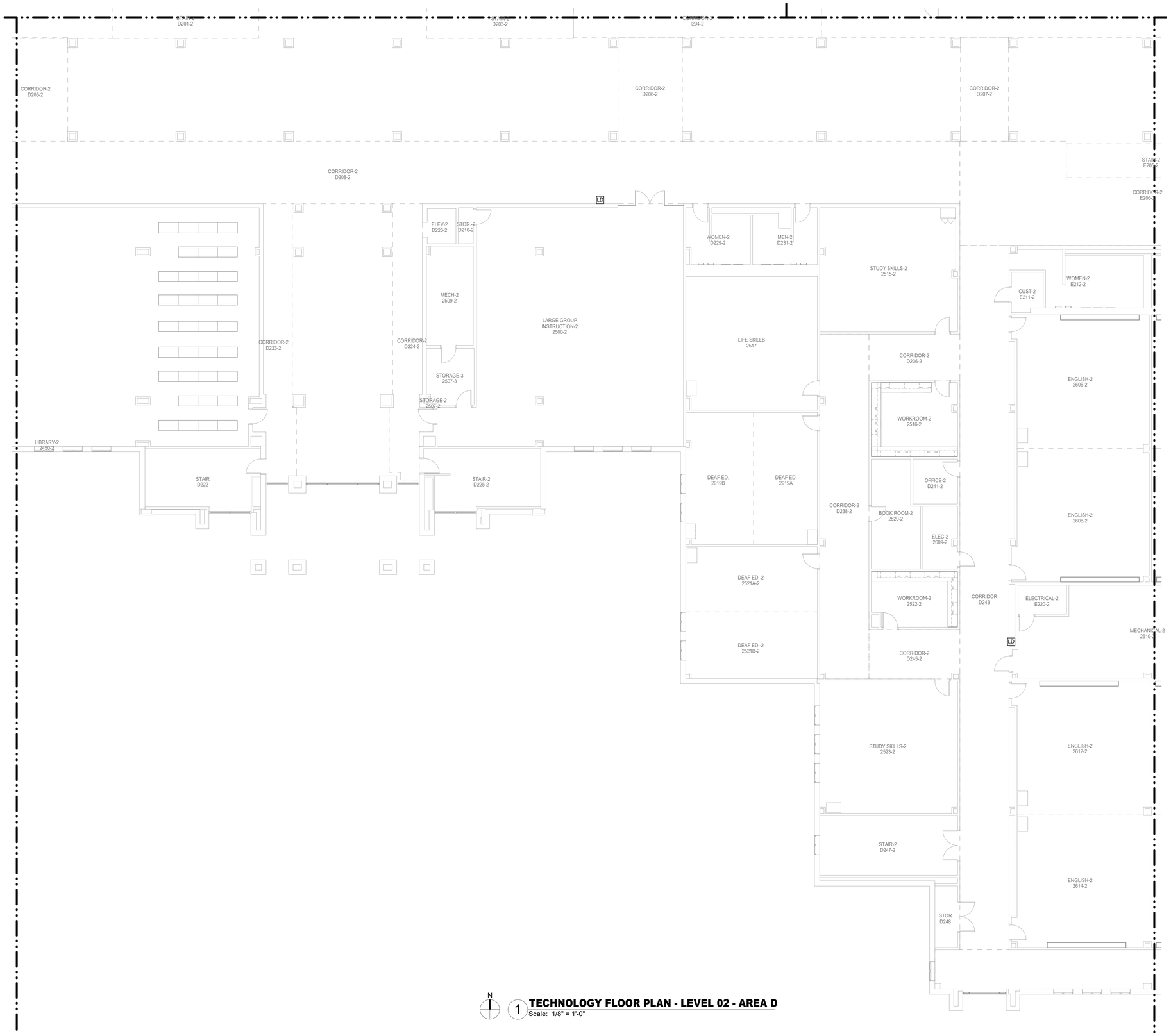
SHEET NAME
TECHNOLOGY FLOOR PLAN - LEVEL 2 - AREA C

SHEET NUMBER
T-214-C



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 02 - AREA D**
Scale: 1/8" = 1'-0"

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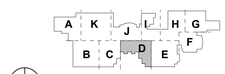

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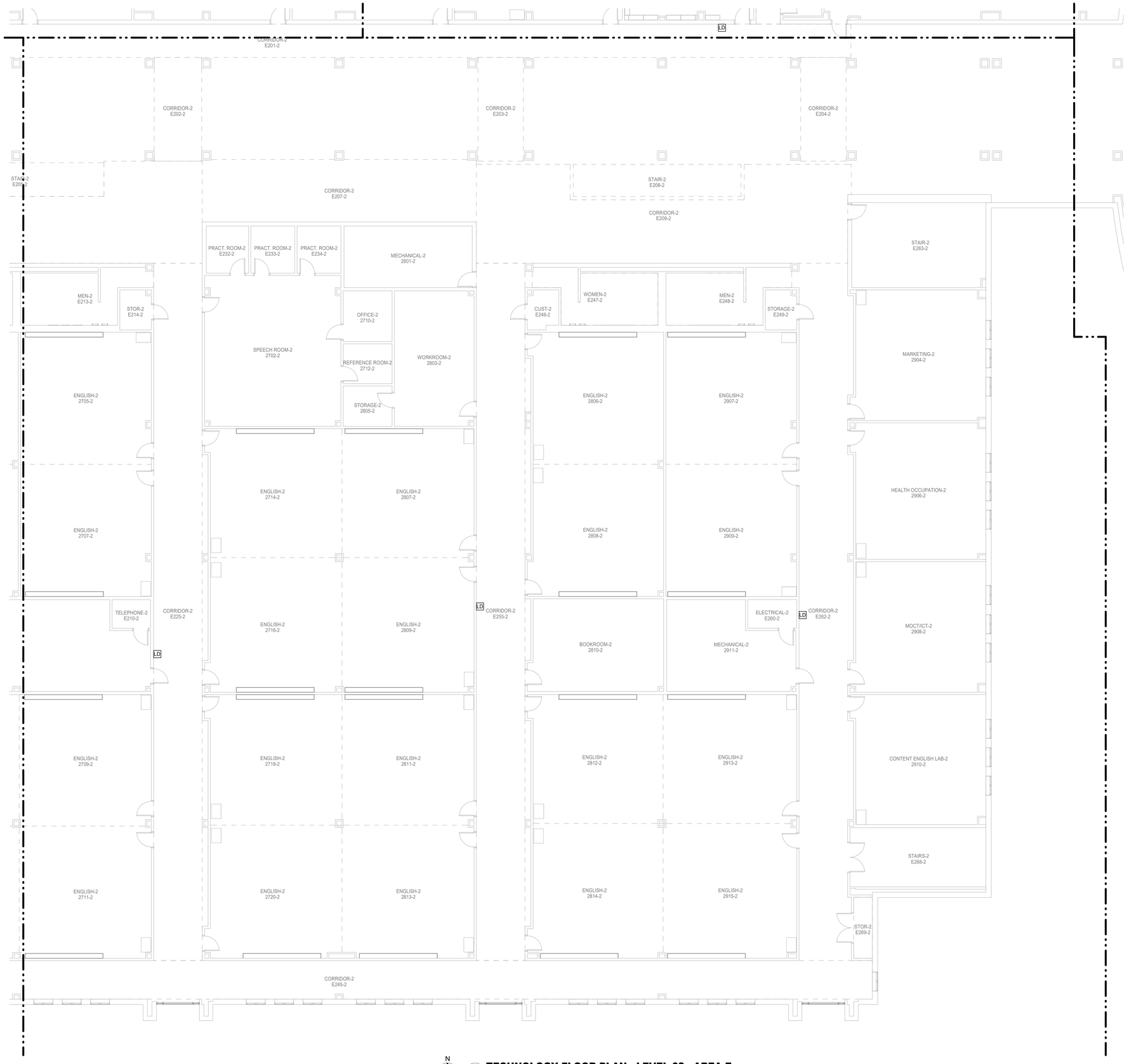
SHEET NAME

TECHNOLOGY FLOOR PLAN - LEVEL 2 - AREA D

SHEET NUMBER

T-215-D



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 02 - AREA E**
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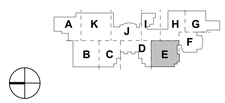

REVISION HISTORY

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PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	**CHECKED BY**
NY	AY

ORIGINAL ISSUE

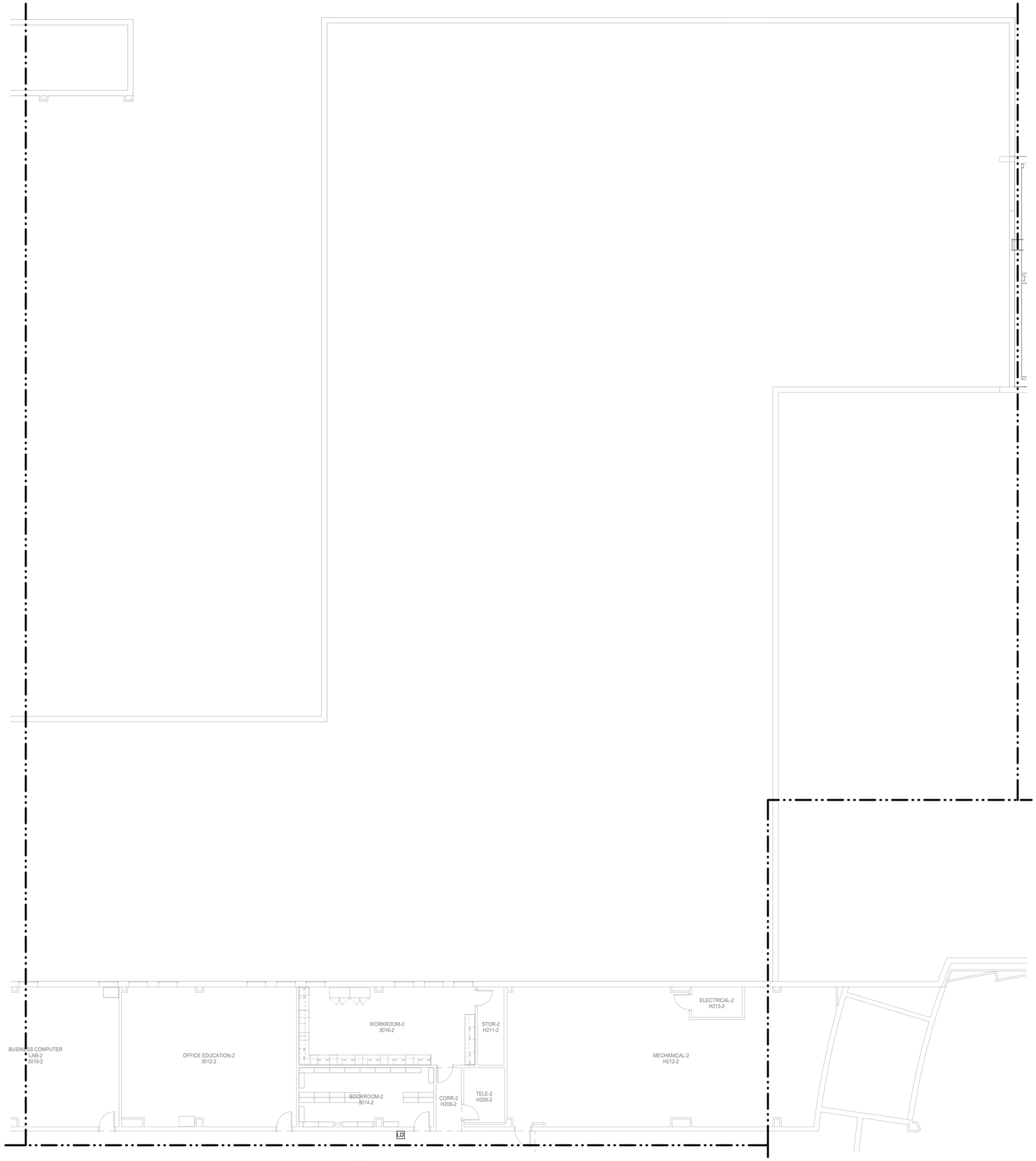
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

TECHNOLOGY FLOOR PLAN - LEVEL 2 - AREA E

SHEET NUMBER

T-216-E



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 02 - AREA H**
Scale: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064

Registration: F-4111
Project No: 2023-05942-00

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713.337.8881

MEP & AV/THEATRICAL ENGINEER
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281.664.1900

CIVIL ENGINEER
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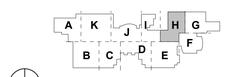
Katy, Texas 77449

281.578.9595

LANDSCAPE/IRRIGATION
KW Landscape Architects
6925 Portwest Drive
Suite 100
Houston, TX 77024
346.509.5638

KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

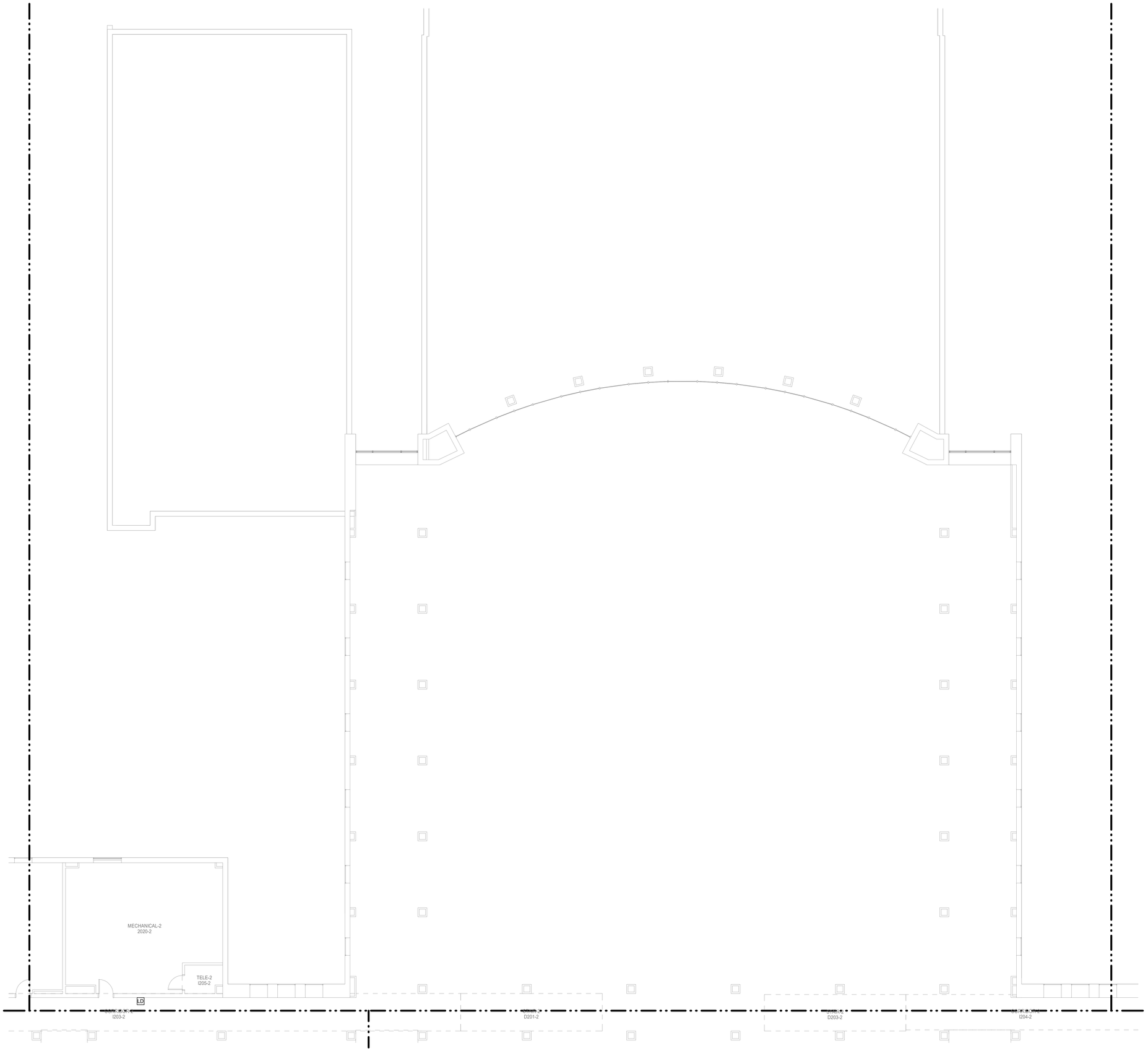
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
NY	AY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY FLOOR PLAN - LEVEL 2 - AREA H

SHEET NUMBER
T-219-H



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 02 - AREA J**
Scale: 1/8" = 1'-0"

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6925 Portwest Drive
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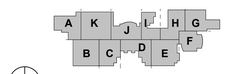
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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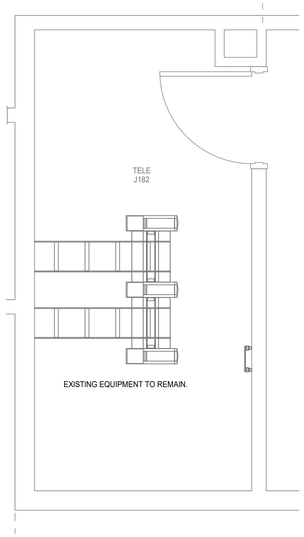
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY FLOOR PLAN - LEVEL 2 - AREA J

SHEET NUMBER
T-221-J



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1 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - IDF-B**
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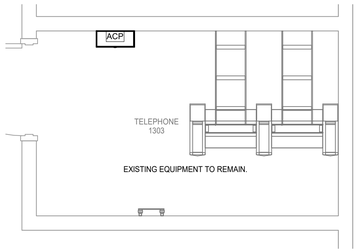

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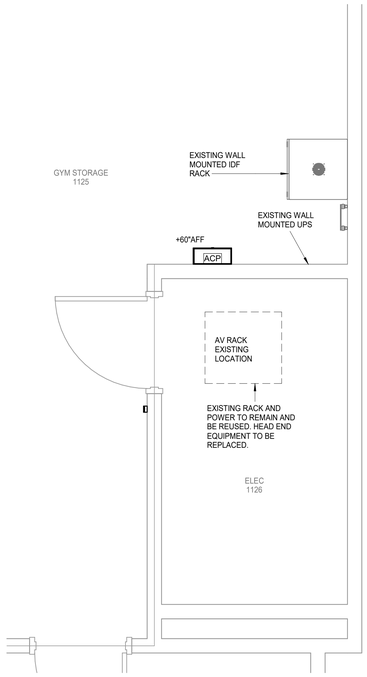

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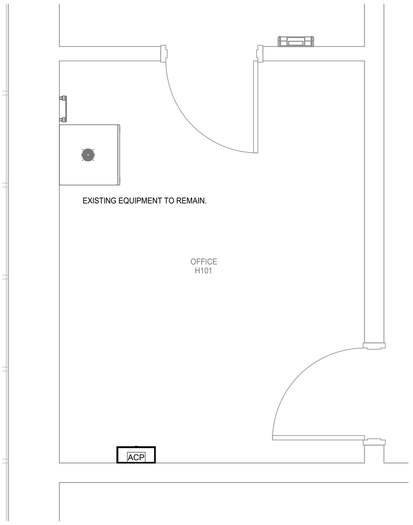

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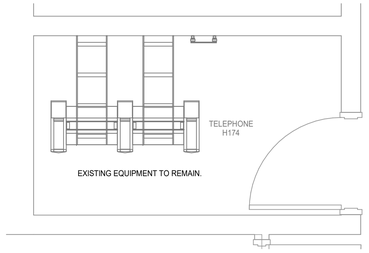

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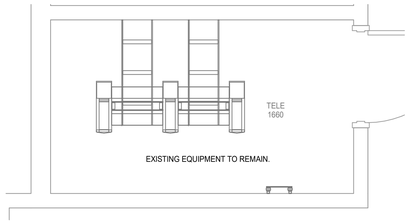

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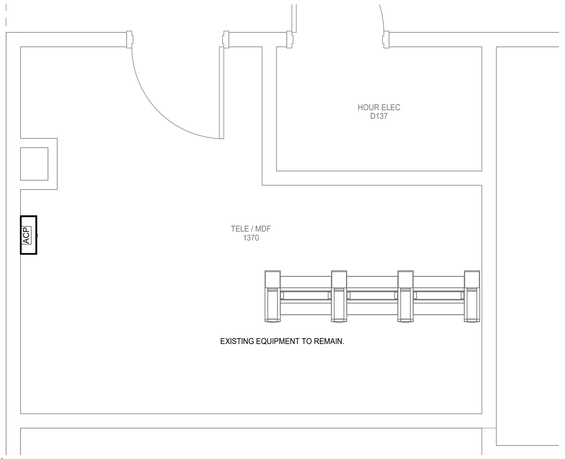

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7 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - MDF**
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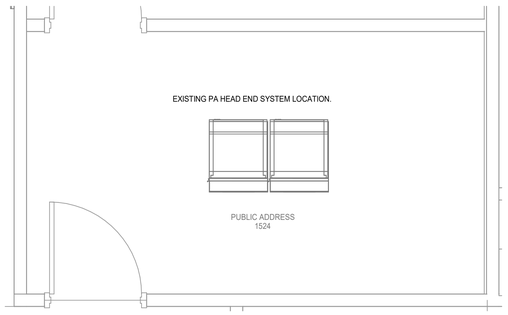

N

8 **TECHNOLOGY FLOOR PLAN - LEVEL 01 - PA ROOM**
Scale: 1/2" = 1'-0"

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LANDSCAPE/IRRIGATION
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6925 Portwest Drive
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346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
NY	AY

ORIGINAL ISSUE

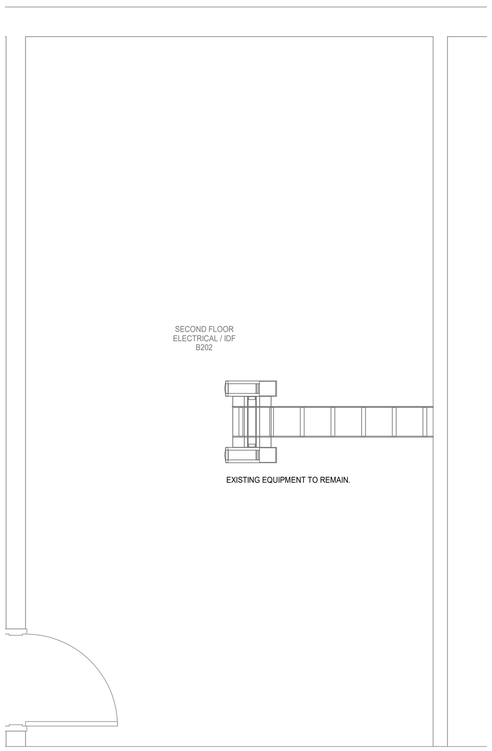
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

TECHNOLOGY ENLARGED FLOOR PLANS

SHEET NUMBER

T-301



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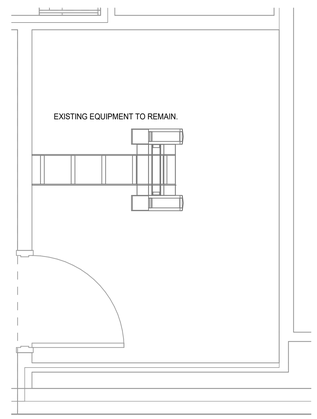

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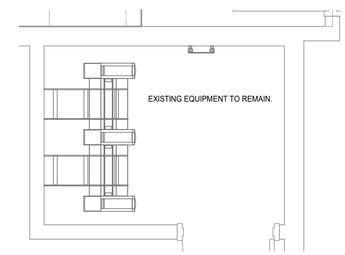

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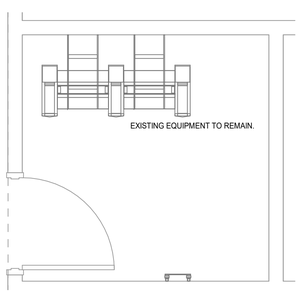

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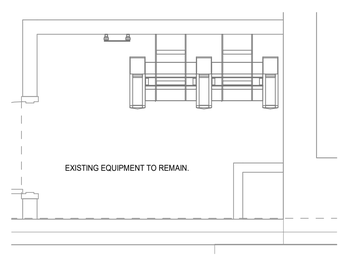

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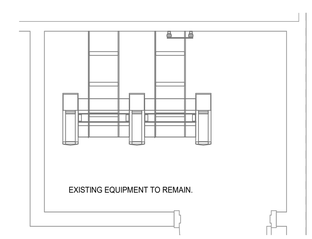

N

6 **TECHNOLOGY FLOOR PLAN - LEVEL 02 - IDF-J**
Scale: 1/2" = 1'-0"

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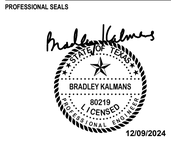
6925 Portwest Drive
Suite 100
Houston, TX 77024
346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS



CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

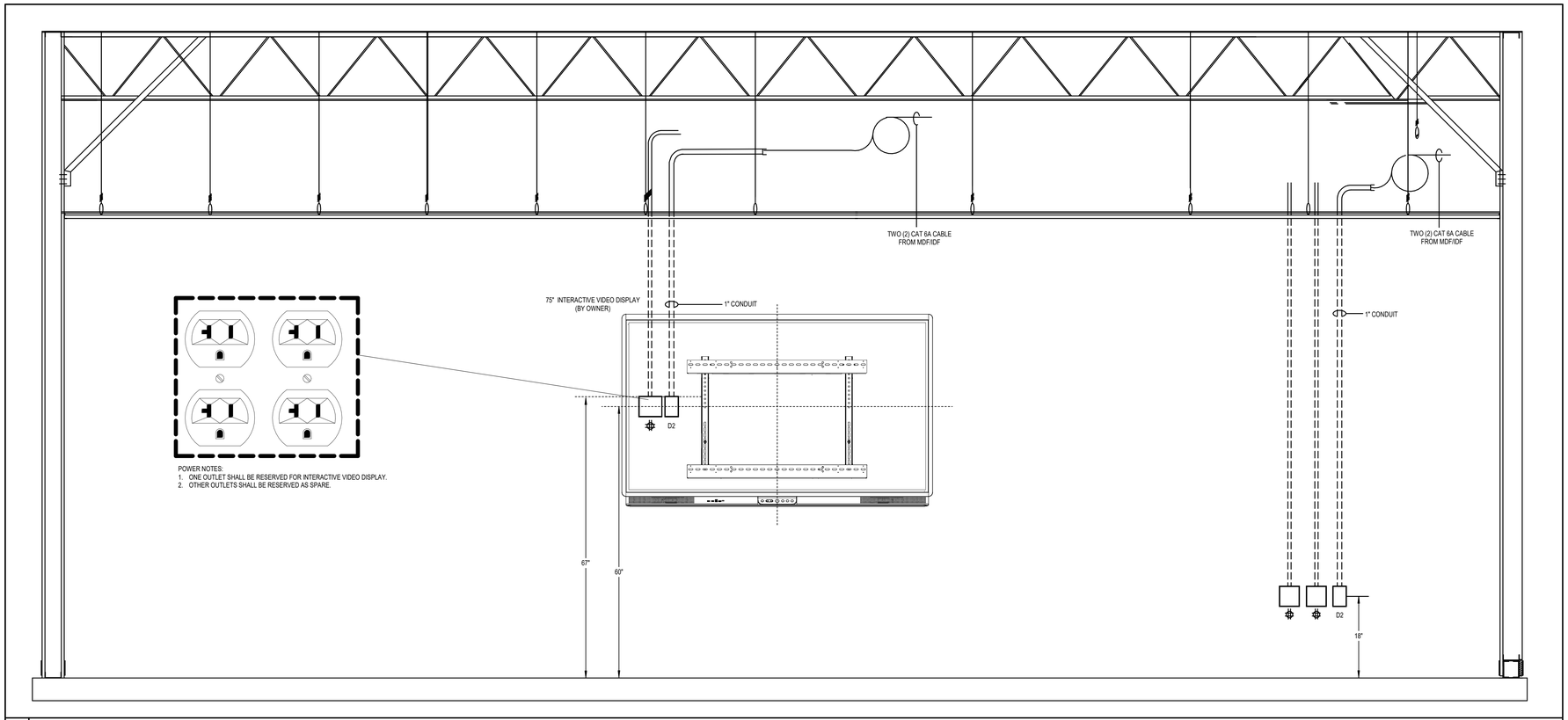
PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
NY	AY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY ENLARGED FLOOR PLANS

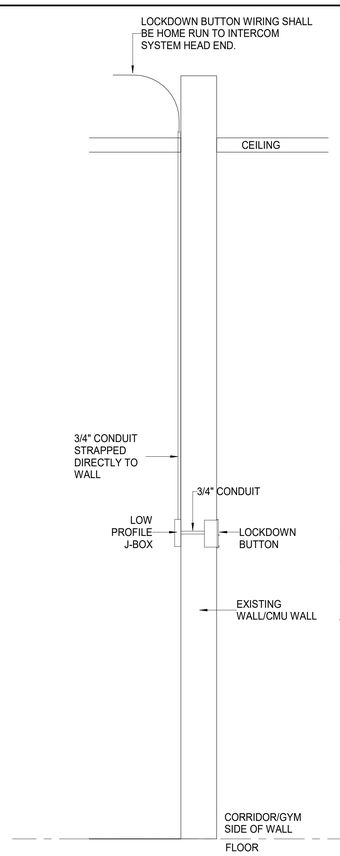
SHEET NUMBER
T-302



POWER NOTES:
1. ONE OUTLET SHALL BE RESERVED FOR INTERACTIVE VIDEO DISPLAY.
2. OTHER OUTLETS SHALL BE RESERVED AS SPARE.

1 TECHNOLOGY WALL PRESENTATION

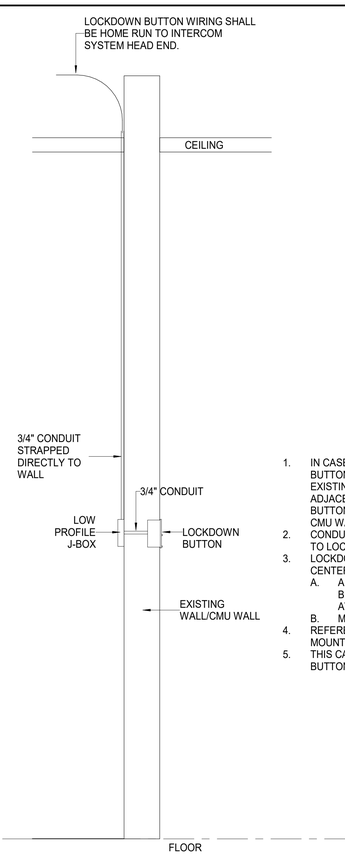
NOT TO SCALE



1. IN CASES WHERE CONDUIT FOR LOCKDOWN BUTTONS CANNOT BE INSTALLED INSIDE OF EXISTING WALLS INSTALL CONDUIT IN ADJACENT SPACES SO THAT NEW LOCKDOWN BUTTON IS INSTALLED AND RECESSED INTO CORRIDOR WALL.
2. CONDUIT SHALL PENETRATE EXISTING WALL TO LOCKDOWN BUTTON SIDE OF WALL.
3. LOCKDOWN SHALL BE MOUNTED +48" AFF TO CENTER.
   A. ADJUST HEIGHT AS NEEDED TO RECESS BUTTON IN CENTER OF CMU BLOCK AVOIDING GROUT LINES.
4. REFERENCE 27 50 00 SPECIFICATIONS FOR LD MOUNTING HEIGHTS.

NOT TO SCALE

2 LD INSTALLATION ON EXISTING WALLS - GYM AND CORR.



1. IN CASES WHERE CONDUIT FOR LOCKDOWN BUTTONS CANNOT BE INSTALLED INSIDE OF EXISTING WALLS INSTALL CONDUIT IN ADJACENT SPACES SO THAT NEW LOCKDOWN BUTTON IS INSTALLED AND RECESSED INTO CMU WALL.
2. CONDUIT SHALL PENETRATE EXISTING WALL TO LOCKDOWN BUTTON SIDE OF WALL.
3. LOCKDOWN SHALL BE MOUNTED +42" AFF TO CENTER.
   A. ADJUST HEIGHT AS NEEDED TO RECESS BUTTON IN CENTER OF CMU BLOCK AVOIDING GROUT LINES.
   B. MATCH LIGHT SWITCH HEIGHT
4. REFERENCE 27 50 00 SPECIFICATIONS FOR LD MOUNTING HEIGHTS.
5. THIS CASE ALSO APPLIES TO LOCKDOWN BUTTONS ADDED IN KITCHENS

3 LD INSTALLATION ON EXISTING WALLS - ADMIN AREAS

NOT TO SCALE

Salas O'Brien
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10930 W. Sam Houston Pkwy North, Suite 900
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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

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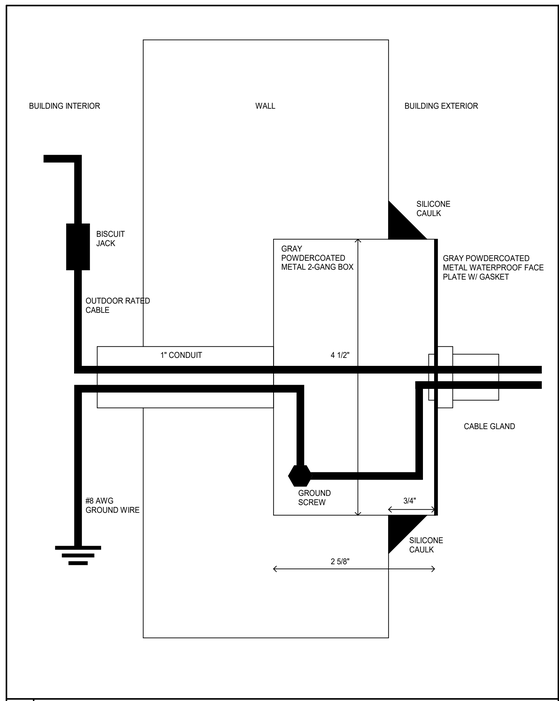
NY	AY

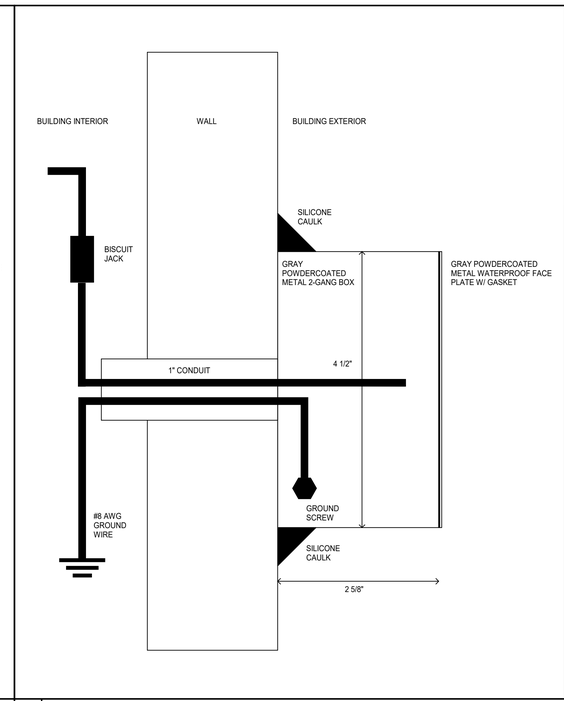
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TECHNOLOGY DETAILS

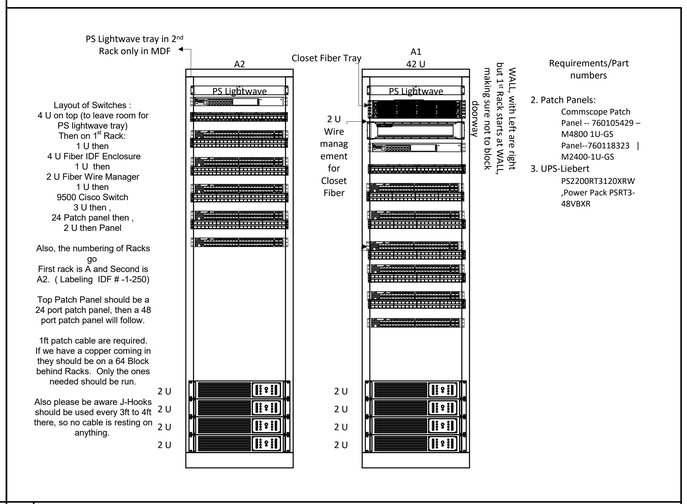
SHEET NUMBER
T-501



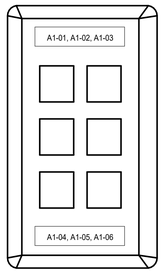
01 WIRELESS AP BUILDING CABLE PENETRATION FOR NEW BUILD



02 WIRELESS AP BUILDING CABLE PENETRATION FOR RETROFIT



03 RACK LAYOUT OWNER STANDARD



1. FACEPLATE LABELING SHALL BE MACHINE GENERATED AND SHALL NOT BE LESS THEN 1/4" IN HEIGHT
2. PROVIDE BLANK INSERTS FOR ANY UNUSED PORTS
3. COORDINATE EXACT LABELING SCHEME WITH OWNER AND ENGINEER.
4. FOR EXAMPLE A1-01 REPRESENTS MDF A, RACK 1, PORT 01

04 CABLE LABELING CONVENTION

NOT TO SCALE

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
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80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC2021	CFISD
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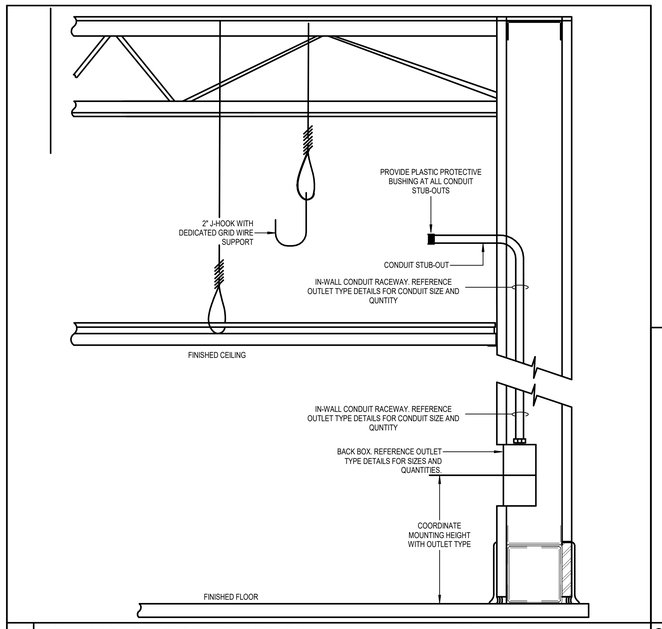
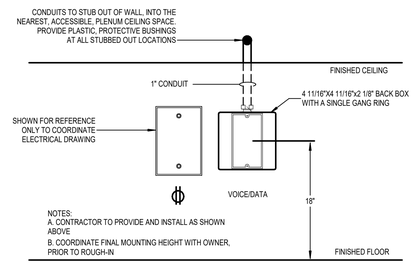
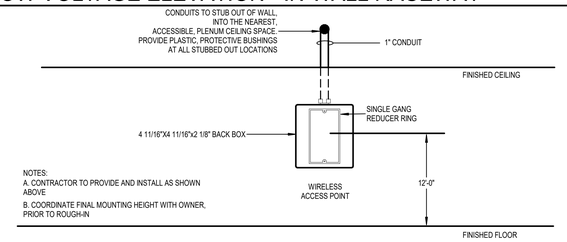


01 LOW VOLTAGE ELEVATION - IN-WALL RACEWAY NOT TO SCALE



NOTES:
A. CONTRACTOR TO PROVIDE AND INSTALL AS SHOWN ABOVE
B. COORDINATE FINAL MOUNTING HEIGHT WITH OWNER, PRIOR TO ROUGH-IN

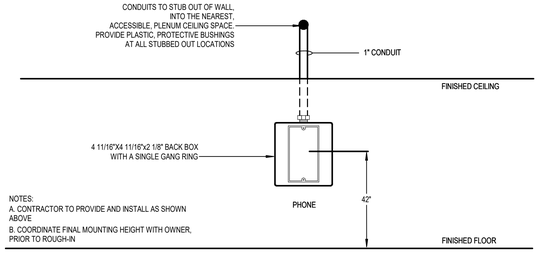
02 RACEWAY DETAIL - TYPICAL VOICE/DATA OUTLET NOT TO SCALE



NOTES:
A. CONTRACTOR TO PROVIDE AND INSTALL AS SHOWN ABOVE
B. COORDINATE FINAL MOUNTING HEIGHT WITH OWNER, PRIOR TO ROUGH-IN

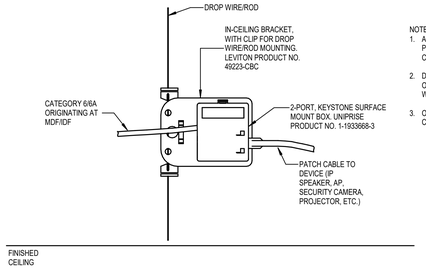
(TYPICAL LAYOUT FOR WALL MOUNTED WIRELESS ACCESS POINT)

03 RACEWAY DETAIL - WALL MOUNTED WIRELESS AP NOT TO SCALE



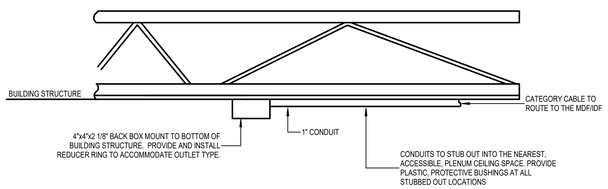
NOTES:
A. CONTRACTOR TO PROVIDE AND INSTALL AS SHOWN ABOVE
B. COORDINATE FINAL MOUNTING HEIGHT WITH OWNER, PRIOR TO ROUGH-IN

04 RACEWAY DETAIL - WALL MOUNTED TELEPHONE NOT TO SCALE



NOTE:
1. ALL ITEMS SHOWN IN THIS DETAIL SHALL BE PROVIDED AND INSTALLED BY THE STRUCTURED CABLING SYSTEM INSTALLER.
2. DROP WIRE SUPPORT SHALL BE DEDICATED TO THE OUTLET. DO NOT MOUNT TO EXISTING CEILING GRID WIRE.
3. OUTLET SHALL BE LOCATED WITHIN 3' OF THE CEILING AND WITH 5' FROM THE IP DEVICE.

05 ABOVE CEILING STAND ALONE OUTLET NOT TO SCALE



06 OPEN CEILING STRUCTURAL SURFACE MOUNT OUTLET NOT TO SCALE

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PROFESSIONAL SEALS

STATE OF TEXAS
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12/09/2024

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2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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33AC23221	CFISD
DRAWN BY	CHECKED BY
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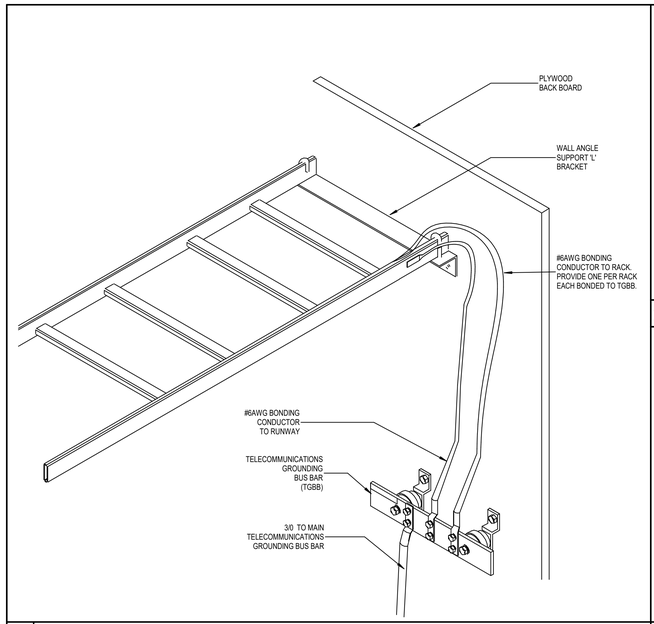
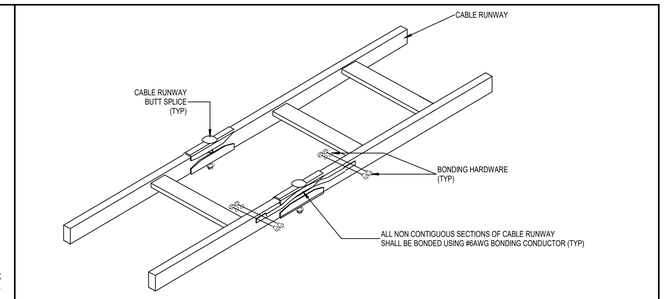
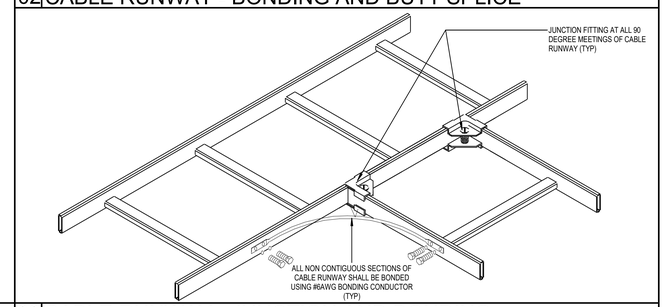


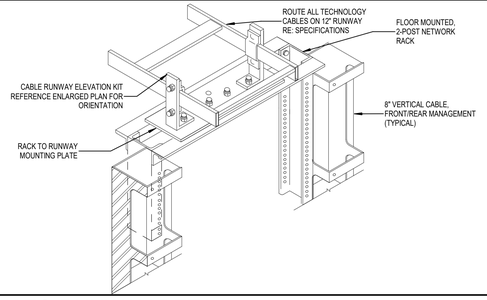
01 CABLE RUNWAY - GROUNDING AND BONDING NOT TO SCALE



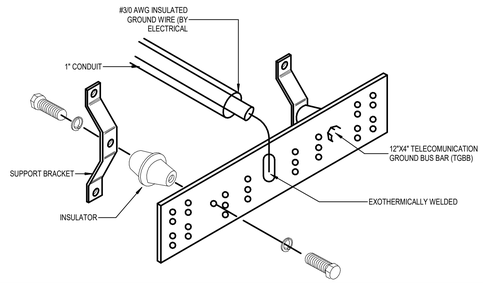
02 CABLE RUNWAY - BONDING AND BUTT SPLICE NOT TO SCALE



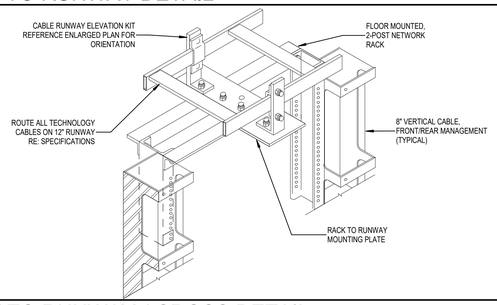
03 CABLE RUNWAY - JUNCTION AND BONDING NOT TO SCALE



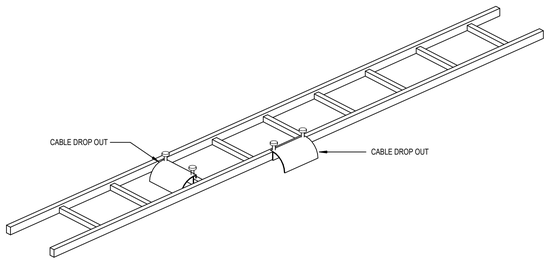
04 RACK TO RUNWAY DETAIL NOT TO SCALE



05 TELECOMMUNICATION GROUNDING BUS DETAIL NOT TO SCALE



06 RACK TO RUNWAY ACROSS DETAIL NOT TO SCALE



07 CABLE RUNWAY - CABLE DROPOUT NOT TO SCALE

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REVISION HISTORY

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PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
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12/09/2024

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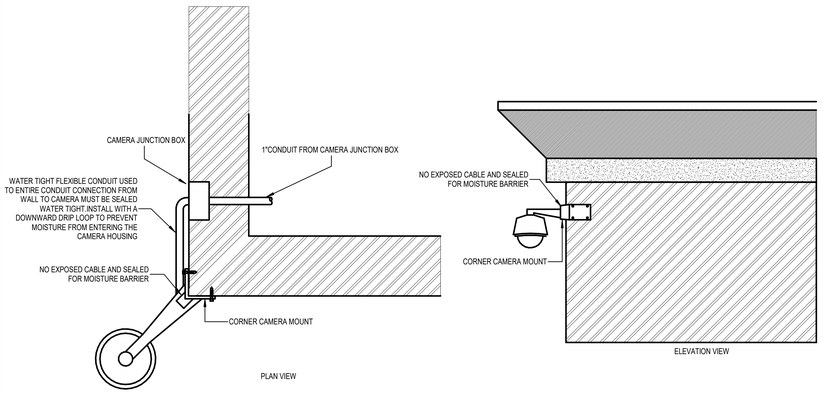
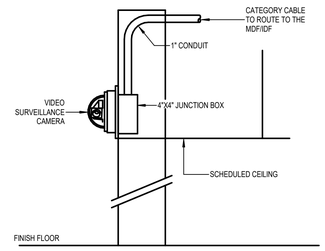


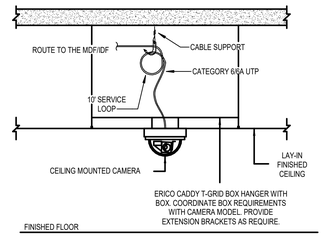
NOTE:

ELECTRICAL CONTRACTOR SHALL PROVIDE 1" CONDUIT WITH PULL STRING TO NEAREST AVAILABLE PLENUM SPACE. SECURITY CONTRACTORS SHALL PROVIDE CABLE FEED-THROUGH MOUNT FOR CAMERA. NO EXPOSED CABLE WILL BE ALLOWED. SECURITY CONTRACTOR TO COORDINATE MOUNTING HEIGHT WITH ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN.

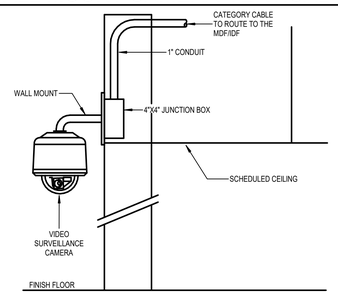
01 CORNER MOUNTING DETAIL NOT TO SCALE



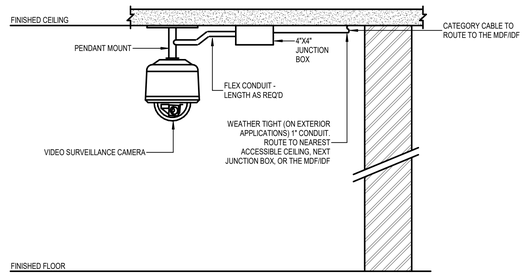
02 INTERIOR WALL MOUNT CAMERA-VERTICAL NOT TO SCALE



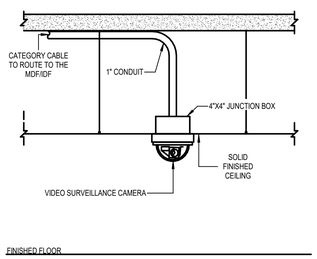
04 INTERIOR LAY-IN CEILING MOUNTED CAMERA NOT TO SCALE



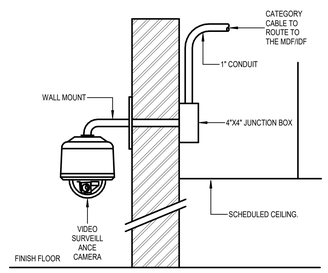
03 INTERIOR WALL MOUNTED DOME CAMERA NOT TO SCALE



05 EXT./INT. PENDANT MOUNTED DOME CAMERA NOT TO SCALE



06 EXTERIOR/INTERIOR SOLID CEILING MOUNT CAMERA NOT TO SCALE



07 EXTERIOR WALL MOUNTED DOME CAMERA NOT TO SCALE

GENERAL NOTES:

A. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUITS AND BACK BOXES. CONDUITS SHALL ROUTE TO THE NEAREST, ACCESSIBLE PLENUM SPACE.

B. ALL WALL, CORNER, PENDANT, AND UNDER CANOPY MOUNTING HEIGHTS SHALL BE COORDINATED WITH THE OWNER AND SECURITY CONSULTANT PRIOR TO ROUGH-IN.

C. SECURITY CONTRACTOR SHALL PROVIDE CAMERAS, MOUNTING HARDWARE, AND ANY OTHER COMPONENTS AND/OR HARDWARE REQUIRED FOR A COMPLETE INSTALLATION.

D. REFERENCE VIDEO SURVEILLANCE CAMERA SCHEDULES, FLOOR PLANS, AND SPECIFICATIONS FOR ADDITIONAL INSTRUCTIONS.

E. CABLE FEED-THROUGH MOUNT FOR CAMERA. NO EXPOSED CABLE WILL BE ALLOWED. SECURITY CONTRACTOR TO COORDINATE MOUNTING HEIGHT WITH ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN.

08 NOTES NOT TO SCALE

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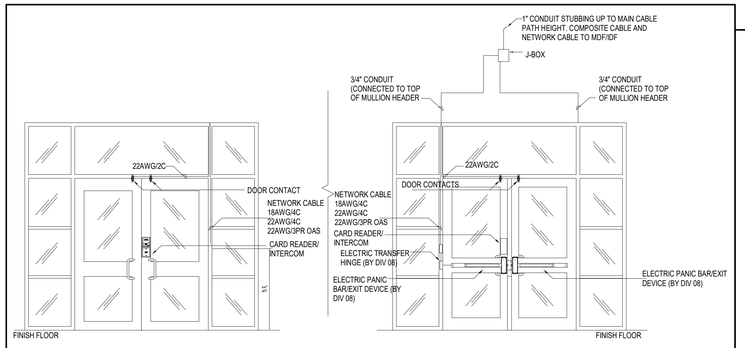
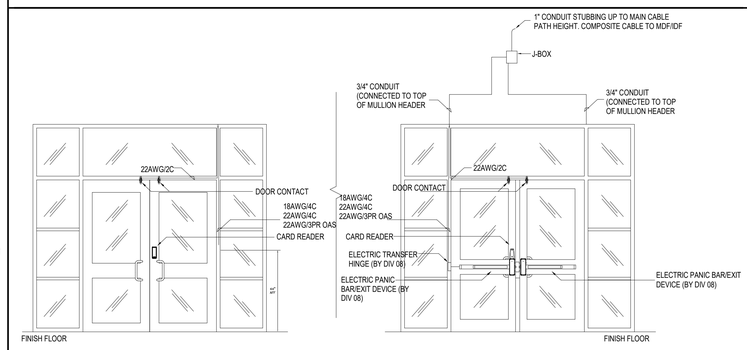
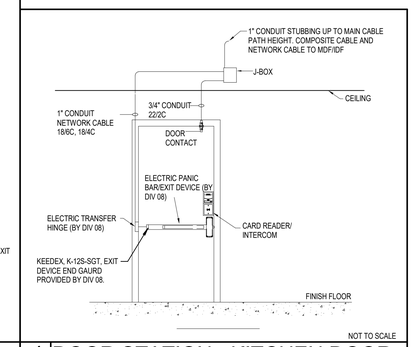


1 DOOR STATION - STORE FRONT NOT TO SCALE

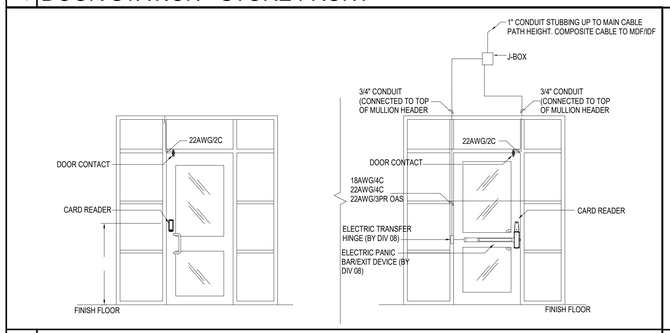


2 DOOR MOUNTED CARD READER - STORE FRONT NOT TO SCALE

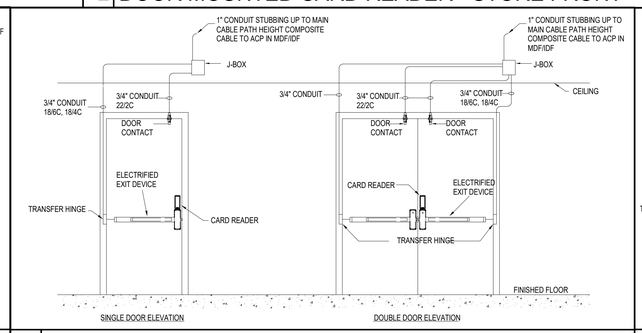


NOT TO SCALE

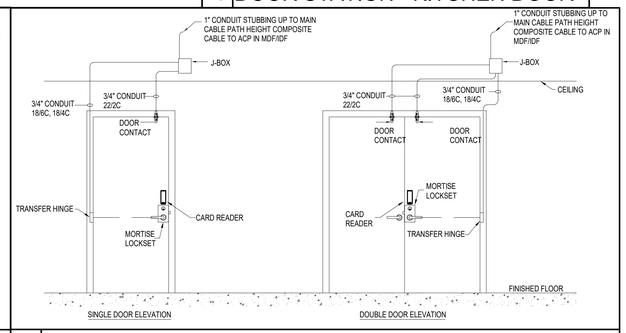
4 DOOR STATION - KITCHEN DOOR



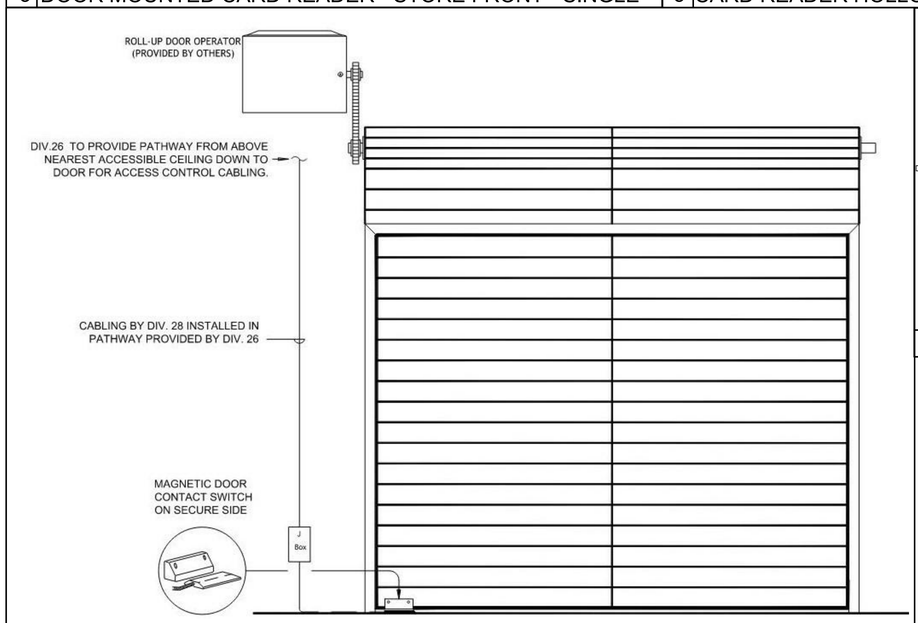
3 DOOR MOUNTED CARD READER - STORE FRONT - SINGLE NOT TO SCALE



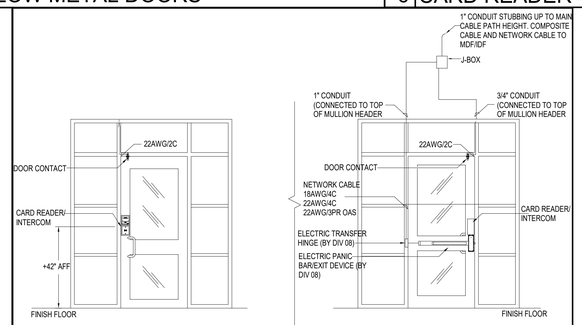
5 CARD READER HOLLOW METAL DOORS NOT TO SCALE



6 CARD READER - MORTISE NOT TO SCALE



8 ROLLING DOOR DETAIL NOT TO SCALE



7 DOOR STATION - STORE FRONT SINGLE NOT TO SCALE

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
12/09/2024

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25021	CFISD
DRAWN BY	CHECKED BY
NY	AY

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

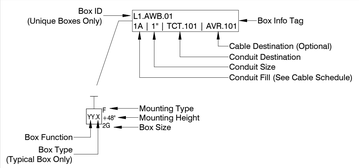
SHEET NAME
TECHNOLOGY DETAILS

SHEET NUMBER
T-506

AV Symbols	Description	
YY Mounting Type / Mounting Height / Box Size	Unique Wall-Mounted Box (Symbol denotes Junction Box)	Box Function (YY):
YY Box Size	Unique Floor-Mounted Box (Symbol denotes Junction Box)	
YY Mounting Type / Box Size	Unique Wall-Mounted Box (Symbol denotes Junction Box)	
YY.X Mounting Type / Mounting Height / Box Size	Typical Wall-Mounted Box (Symbol denotes Junction Box, Conduit, Cable, and Device)	
YY.X Mounting Type / Mounting Height / Box Size	Typical Floor/Ceiling-Mounted Box (Symbol denotes Junction Box, Conduit, Cable, and Device)	
SP	Typical Ceiling/Pendant Speaker	
TV.Size.Height.Mount	TV Location	Size = Diagonal Size in Inches Height = Mounting Height to Center of TV Mount = TV Mount Type W = Tilting Wall Mount C = Ceiling Mount S = Swing Arm Mount P = Portrait Wall Mount N = Ultra Narrow Bezel Pull-Out Mount

An	Antenna
Av	Av Connectivity
Bt	Bluetooth Input
Cm	Camera
C	Ceiling Speaker
Fb	Floorbox
Hi	HDMI Input
Ht	HDMI Transmitter
iC	Intercom
iO	Input/Output
Jb	Junction Box
P	Pendent Speaker
Pb	Push Button Ctr
Pj	Projector
Pt	Poke Thru
Sb	Subwoofer
Sp	Loudspeaker
Sn	Projection Screen
Ts	Touch Screen
Tv	Television/Display
Ui	User Interface
Vc	Volume Control

Example & Nomenclature



Mounting Height:
Height shown is from finish floor (AFF) to center of installed box UON.

Mounting Type:
F = Flush Mount
S = Surface Mount
SR = Semi-Recessed Mount
PM = Pedestal Mount

Box Size:
If a standard trade size, size is given in number of gangs (#G), or inches. If a custom size, "C" is shown. See box schedule(s) for additional information.

Box ID Nomenclature:

Group.(Discipline+BoxStyle).Box#

Group Designators:
L1 = Level 1
L2 = Level 2
L3 = Level 3

Discipline Designators:
A = Audio or AV
V = Video

Box Style:
CB = Ceiling-Mount Box
FB = Floor-Mount Box
JB = Junction Box
PB = Pipe-Mount Box
WB = Wall-Mount Box

Conduit Destination:
AC = Accessible Ceiling
CT = Cable Tray

Cable Destination:
Cable Destination = Conduit Destination if Cable Destination not shown.

1 AV Plan Symbols
SCALE: 1/4" = 1'-0"

1. Field conditions may require audio/video device locations to deviate from the locations illustrated on the drawings. The specific, installed, location of all audio/video devices shall be coordinated with the owner and the audio/visual system designer prior to installation.
2. A minimum of 36" clearance is required at both the front and rear of audio/video equipment racks. Access must be provided to the rear of the equipment racks.
3. All mounting height dimensions are to center of box unless otherwise noted.
4. AV boxes and electrical boxes should not be mounted back to back in the same stud cavity

2 General Notes
SCALE: 12" = 1'-0"

COMMON ARCHITECTURAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BOT	BOTTOM
CLG	CEILING
COL	COLUMN
CONT	CONTINUOUS
DIA	DIAMETER
DIM(S)	DIMENSION(S)
DN	DOWN
DWG	DRAWING
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR
FLR	FLOOR
GA	GAUGE
GWB	GYPSUM WALL BOARD
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
INT	INTERIOR
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
NIC	NOT IN CONTRACT
NOM	NOMINAL
OC	ON CENTER
PVC	POLYVINYL CHLORIDE
RCP	REFLECTED CEILING PLAN
REQD	REQUIRED
RM	ROOM
SIM	SIMILAR
SPEC	SPECIFIED OR SPECIFICATION
STL	STEEL
STRUCT	STRUCTURE OR STRUCTURAL
T&G	TONGUE AND GROOVE
TME	TO MATCH EXISTING
TO	TOP OF
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
W/	WITH

Technology Specific Abbreviations

AER	Audio Equipment Rack
AVR	Audio/Video Equipment Rack
BER	Broadcast Equipment Room
CER	Central Equipment Room
CB	Ceiling Box
CT	Cable Tray
FB	Floor Box
Hor	Horizontal
HDSDI	High Definition Serial Digital Interface
IDF	Intermediate Distribution Frame
MDF	Main Distribution Frame
MMF	Multi-Mode Fiber
MTR	Main Telecom Room
OLT	Optical Line Terminal
ONT	Optical Network Terminal
PON	Passive Optical Network
SDI	Serial Digital Interface
SP	Speaker
STC	Sound Transmission Coefficient
SMF	Single-Mode Fiber
TCT	Technical Cable Tray
TR	Telecom Room
TV	Display/Television
V	Vertical
VER	Video Equipment Rack
WAP	Wireless Access Point
WB	Wall Box

1. All systems wiring will be in conduit unless approved by the Consultant or otherwise noted on drawings.
2. There are minimum conduit separations that must be maintained between conduits carrying wire of different signal groups. It is important to note that while different signals may exist in a single box, it is not appropriate to run more than one signal group in a single conduit. Refer to tables below for conduit separation distances.
3. It will be necessary at times for conduits of different signal groups to cross in close proximity. The conduit paths must be designed to cross at 90 degrees to each other.
4. The minimum conduit size shall be 3/4" and the conduit should be sized for max. 40% fill, or less if required by prevailing code.
5. Per TIA 569-E, indoor conduit runs shall have access to a pull box every 100' if there are more than (2) 90-degree bends. Pull boxes shall be placed in a straight section of the conduit.
6. Conduit for Outside Plant (OSP) optical fiber should have pull boxes placed at intervals no greater than 300'.
7. Conduit bend radius will be no less than 6 times the diameter for conduits less than 2"Ø, and no less than 10 times the diameter for conduits greater than 2"Ø.
8. The design will require pull lines to be left in all conduit by the Contractor installing the conduit.
9. The conduit system shall incorporate additional pull boxes as required to match the pull tensions of the wiring to be installed.
10. The installing contractor shall determine from the cable specifications the appropriate pull tensions, and lubricate to ensure that the cable insulation will not be abraded or cut during installation.
11. Signal conduits should be mechanically and electrically connected to the receptacle boxes. These conduits and boxes should connect to the building safety grounding system.
12. PVC conduit may only be used in underground applications. Segments of conduit passing through an electrical or mechanical room shall be rigid. All other conduit to be EMT unless otherwise noted.
13. The tables below define minimum spacing requirements for conduits containing different types and levels of audio, video and communication signals that will be part of the complete systems. It is important that each group be installed in raceways discreet from other group levels.
14. In a situation where there will exist a heavy current demand in adjacent conduits, or where there will be parallel runs >100', there will need to be additional separation between those conduits and the Signal Group A/B/C conduits.
15. Any wiring that is classified within a group can be combined in a raceway carrying other wiring that is in the same group. Common junction boxes/wire raceways that combine different signal groups shall not be used.
16. The different levels of signal grouping are defined as follows:
    Group A - Microphone and other sensitive wiring (0 - 100mV)
    Group B - Line Level wiring (100mV - 10V)
    Group C - Loudspeaker and Control wiring (10V - 70V)

Separations - EMT or Rigid

	Group A	Group B	Group C
Group A	Adjacent	Adjacent	3"
Group B	Adjacent	Adjacent	3"
Group C	3"	3"	Adjacent
Branch Circuits (<30A)	6"	6"	6"
Branch Circuits (30A - 60A)	6"	6"	6"
Branch Circuits (>60A)	12"	12"	12"
Dimmer Controlled Devices	12"	12"	12"
SCR Controlled Devices	12"	12"	12"
208/480V Feeder Circuits	24"	24"	24"
All Others (Plumbing, Heat, Etc.)	12"	12"	12"

Separations - PVC

	Group A	Group B	Group C
Group A	Adjacent	Adjacent	6"
Group B	Adjacent	Adjacent	6"
Group C	6"	6"	Adjacent
Branch Circuits (<30A)	6"	6"	6"
Branch Circuits (30A - 60A)	6"	6"	6"
Branch Circuits (>60A)	12"	12"	12"
Dimmer Controlled Devices	12"	12"	12"
SCR Controlled Devices	12"	12"	12"
208/480V Feeder Circuits	24"	24"	24"
All Others (Plumbing, Heat, Etc.)	12"	12"	12"

3 Conduit Notes
SCALE: 12" = 1'-0"

Minimum Cable Lengths Outside of Boxes

Box Function	Box Size Condition	Length Outside of Box
CM	---	2 Feet
xCT	Cable Tray	20 Feet
AVR	Equipment Rack	20 Feet
VR	Equipment Rack	20 Feet
JB	24"x24" or Larger	20 Feet
JB	Less than 24"x24"	4 Feet
Ic	----	2 Feet
Ui	----	2 Feet
iO	----	2 Feet
VC	----	2 Feet
SP	----	2 Feet
TV	----	2 Feet

Refer to Junction Box Schedules for special conditions.

4 AV Minimum Cable Lengths
SCALE: 12" = 1'-0"

AV Division of Responsibilities

	Category	Description	Other	27 41 34
1	Power	Provide all AC power circuits, receptacles (except those in the AV Racks), and standard power panels. TP circuits to utilize commercial grade receptacles.	DIV 26	
2	Power	Provide AC power connections and circuits within audio-video equipment racks. Provide an appropriately sized J-box at the top of each rack with power circuit cabling terminating in 24" pigtails. - Label each circuit with circuit number.		X
3	Power	Provide technical power sequencing panel(s). Refer to plans and specifications for quantity and model number(s).	DIV 26	
4	Power	Provide Audio and Video disconnect switches. Refer to plans and specifications for quantity and model number(s).	DIV 26	
5	Conduit & Boxes	Provide all conduit (with measured pull string), gang boxes, pull boxes, wall panel back boxes, pull string and raceways required for the audio and video systems. Clearly label with permanent marker all boxes and conduits listed above.	DIV 26	
6	Conduit & Boxes	Provide all cable tray(s). Refer to plans and specifications for sizes and locations.	DIV 26	
7	Conduit & Boxes	Provide cable hooks and/or wireway as shown in drawings.	DIV 26	
8	Conduit & Boxes	Furnish speaker backcans and floorbox backcans to installing contractor.		X
9	Conduit & Boxes	Install speaker backcans and floorbox backcans (provided by contractor above).	DIV 26	
10	Low Voltage Cabling	Provide low voltage cabling.		X
11	Low Voltage Cabling	Verify all conduit and cable fills for accuracy. Provide to the installing contractor a run list of all wire pulls, including wire numbers.		X
12	Low Voltage Cabling	Terminate all low voltage cables related to the audio systems as shown on drawings AV7.01 thru AV7.49.		X
13	Low Voltage Cabling	Terminate all low voltage cables related to the video systems as shown on drawings AV7.50 thru AV7.99		X
14	Structural	Provide support structure for loudspeaker clusters/arrays weighing less than 500 lbs.		X
15	Structural	Provide support structure for loudspeaker clusters/arrays weighing greater than 500 lbs. Coordinate with 27 41 36 Contractor.	DIV 5	
16	Structural	Install all speakers and speaker clusters.		X
17	Structural	Furnish mounting brackets for wall-mounted TV's to installing contractor.		X
18	Structural	Install mounting brackets and/or backing (provided by contractor above) for wall-mounted TV's. Coordinate exact locations and heights with on-site conditions.		X
19	Millwork	Furnish all millwork at the front-of-house control booth including half-height walls, countertop, and cabinetry. Refer to drawings for exact specifications.	DIV 6	
20	Millwork	Provide and install all loudspeaker grills and/or covers with exceptions noted below. Refer to architectural drawings for extent of grill cloth. Exceptions: Coaxial ceiling speakers with self-contained grills.	DIV 9	
21	Other	Provide choir mics above the choir. Microphone cable shall be non-twisting.		X
22	Other	Provide a contact closure to the audio-video racks for emergency muting of audio system in Fire Alarm Condition (if required by local code authority).	DIV 28	

Terms and Definitions:

Provide = Supply and install equipment
Furnish = Supply to another contractor for installation
Install = Install equipment provided by another contractor

High Voltage = >100V

6 Division of Responsibilities
SCALE: 12" = 1'-0"

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	CHECKED BY
TAC	TAC

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
GENERAL NOTES & LEGENDS

SHEET NUMBER
AV-001

FILE PATH: Autodesk Docs://33AC25221-CFISD - Cy Ridge HS Renovation/33AC25221-AV-MW-R23.rvt
USER NAME:
DATE STAMP: 12/5/2024 9:58:06 AM

Name	Manufacturer	Standard Part Number	Under Ground Wet Part Number	Plenum Part Number	Application	Description	Nominal OD (in)	Nominal OD (mm)	Signal Group
A8	West Penn	HA208	C208		Speaker	1 PR #8 AWG Stranded Twisted Jacketed	0.548	13.92	C
A10	West Penn	HA210	C210	25210	Speaker	1 PR #10 AWG Stranded Twisted Jacketed	0.422	7.11	C
A12	West Penn	227	AQ227	25227B	Speaker	1 PR #12 AWG Stranded Twisted PVC Jacket	0.34	8.64	C
A14	West Penn	226	AQ226	25226B	Speaker	1 PR #14 AWG Stranded Twisted PVC Jacket	0.31	7.87	C
D	Belden	9451	West Penn AQC291	9451P	Line Level Audio	1 Shielded PR #22 AWG Stranded Twisted Green PVC Jacket	0.135	3.43	B
D4	Gepco	GA61804GFC		6604HS	Line Level Audio	4 Shielded PR #22 AWG Stranded Twisted individually Jacketed Polyethylene Jacket CMR	0.4	10.16	B
D6	Gepco	GA61806GFC	GA618006PEF		Line Level Audio	6 Shielded PR #22 AWG Stranded Twisted individually Jacketed Polyethylene Jacket CMR	0.475	12.07	B
D8	Gepco	GA61808GFC		6608HS	Line Level Audio	8 Shielded PR #22 AWG Stranded Twisted individually Jacketed Polyethylene Jacket CMR	0.57	14.48	B
D12	Gepco	GA618012GFC	GA618012PEF	6612HS	Line Level Audio	12 Shielded PR #22 AWG Stranded Twisted individually Jacketed Polyethylene Jacket CMR	0.635	16.13	B
D16	Gepco	GA618016GFC			Line Level Audio	16 Shielded PR #22 AWG Stranded Twisted individually Jacketed Polyethylene Jacket CMR	0.71	18.03	B
E	Belden	9451	West Penn AQC291	9451P	Mic Level Audio	1 Shielded PR #22 AWG Stranded Twisted Orange PVC Jacket	0.135	3.43	A
E4	Gepco	GA61804GFC			Mic Level Audio	4 Shielded PR #22 AWG Stranded Twisted individually Jacketed Polyethylene Jacket CMR	0.4	10.16	A
E6	Gepco	GA61806GFC	GA618006PEF		Mic Level Audio	6 Shielded PR #22 AWG Stranded Twisted individually Jacketed Polyethylene Jacket CMR	0.475	12.07	A
E8	Gepco	GA61808GFC			Mic Level Audio	8 Shielded PR #22 AWG Stranded Twisted individually Jacketed Polyethylene Jacket CMR	0.57	14.48	A
E12	Gepco	GA618012GFC	GA618012PEF	6612HS	Mic Level Audio	12 Shielded PR #22 AWG Stranded Twisted individually Jacketed Polyethylene Jacket CMR	0.635	16.13	A
E16	Gepco	GA618016GFC			Mic Level Audio	16 Shielded PR #22 AWG Stranded Twisted individually Jacketed Polyethylene Jacket CMR	0.71	18.03	A
F	Belden	7810A			Antenna	50 Ohm Coax #10 AWG RG-8	0.403	10.24	B
G	Belden	9311			Antenna	50 Ohm Coax #20 AWG RG-58	0.193	4.9	B
H	Belden	1694A	1829BC	1695A	Digital Video	75 Ohm Precision Video Cable #18 AWG	0.274	6.96	B
HH	Belden	7731A	7731WB	7732A	Digital Video	75 Ohm, Precision Video Cable, #14 AWG	0.4	10.16	B
J	Belden	1855A		1855P	Digital Video	75 Ohm Precision Video Cable #23 AWG	0.159	4.038	B
K	Belden	9116		9116P	MATV	Series 6 #18 AWG MATV CABLE	0.27	6.86	B
L	Belden	9011			MATV	Series 11 #14 AWG MATV CABLE	0.4	10.16	B
M	Gepco	HDP221		HDP221P	Camera Power	(2) 16 AWG Stranded, (2) 22AWG Stranded	0.135	3.423	B
N	Belden	9207	9815	89207	Intercom	1 Pair #20 Stranded Shielded	0.33	8.382	B
P	West Penn	270		25270B	Control	6 Conductor #22 AWG Stranded Jacketed	0.163	4.14	B
Q	West Penn	234	Belden 5302U1	25234B	Control	3 Conductor #18 AWG Stranded Jacketed	0.168	4.27	B
R	Belden	1419A		88102	Control-RS422	2 Pair #24 AWG Stranded Overall Shield	0.248	6.3	B
S	Belden	7804R		7804P	SMPTE 311M	2 Fiber, 2 Conductor 24 AWG, 4 Conductor 20 AWG,Belflex Jacket, CMR	0.357	9.06	B
S3	Belden	7824R		7824P	Triple SMPTE 311M	3 Channel Stadium Cable, 6 Fiber, 6 Conductor 18AWG, 6 Conductor 24 AWG	0.525	13.335	B
T	Belden	1857A	Gepco VT61811PEF		Camera	75 ohm Superflex Triax Video Cable #22 AWG stranded	0.36	9.14	B
U5	Belden	1700A		1701A	CAT5e Data	4 PR #24 AWG BONDED PAIR UTP CAT5e RJ45 Compatible	0.195	4.95	B
U6	Belden	2412	7997A	2413	CAT6 Data	4 PR #23 AWG UTP CAT6 RJ45 Comp.	0.23	5.84	B
U6A	Belden	10GX62F		10GX63F	Cat6A	4 Bonded PR #23 AWG Shielded F/UTP CAT6A	0.295	7.49	B
U6S	Belden	2412F	OSP6U	2413F	CAT6 Data	4 PR #23 AWG Shielded UTP CAT6 RJ45 Comp.	0.29	7.37	B
UH	Belden	2183R		2183P	HDBaseT Cable	4 PR #23 AWG Shielded F/UTP	0.29	7.37	B
W	Belden	B9W039T	B9W202	B9W202	Single Mode Fiber	OS2 Six Strand Singlemode Fiber	0.22	5.59	B
W12	Belden	B9W231		B9W241	Single Mode Fiber	OS2 Twelve Strand Singlemode Fiber Armored Jacket	0.62	15.75	B
W24	Belden	B9W233		B9W242	Single Mode Fiber	OS2 Twenty-Four Strand Singlemode Fiber Armored Jacket	0.57	14.48	B
WA	Belden	B9W240		B9W240	Single Mode Fiber	OS2 Six Strand Singlemode Fiber Armored Jacket	0.506	12.85	B
X	Belden	1696A	Custom TBD		Digital Audio	1 PR #22 AWG Stranded Twisted PVC Jacket	0.235	5.97	B
Y	Belden	B9C039T	B9C202	B9C202	Multi-Mode Fiber	OM3 50/125 Six Strand Multimode Fiber	0.22	5.59	B
YA	Belden	B9C240		B9C240	Multi-Mode Fiber	OM3 50/125 Six Strand Multimode Fiber Armored Jacket	0.506	12.85	B
Z	West Penn	CN-SHRHDMI-xxm			HDMI		0.548	13.92	B
ALT-A10	Belden	5T00UP	8810WB	6T00UP	Speaker	1 PR #10 AWG, Stranded, Twisted, Jacketed	0.356	9.04	C
ALT-A12	Belden	5000UE	5000U1	6000UE	Speaker	1 PR #12 AWG, Stranded, Twisted, PVC Jacket	0.26	6.66	C
ALT-A14	Belden	5100UE	5100U1	6100UE	Speaker	1 PR #14 AWG, Stranded, Twisted, PVC Jacket	0.218	5.54	C
ALT-D	West Penn	(X)454	AQC291	D25454	Line Level Audio	1 Shielded PR #22 AWG, Stranded, Twisted, Green PVC Jacket	0.135	3.43	B
ALT-D	Gepco	61801EZ		61801HS	Line Level Audio	1 Shielded PR #22 AWG, Stranded, Twisted, Green PVC Jacket	0.138	3.51	B
ALT-D4	Belden	1815R	1815WB	1815P	Line Level Audio	4 Shielded PR #22 AWG, Stranded, Twisted, individually Jacketed, Polyethylene Jacket, CMR	0.384	9.75	B
ALT-D6	Belden	1816R	1816WB	1816P	Line Level Audio	6 Shielded PR #22 AWG, Stranded, Twisted, individually Jacketed, Polyethylene Jacket, CMR	0.462	11.73	B
ALT-D8	Belden	1817R	1817WB	1817P	Line Level Audio	8 Shielded PR #22 AWG, Stranded, Twisted, individually Jacketed, Polyethylene Jacket, CMR	0.503	12.78	B
ALT-D12	Belden	1818R	1818WB	1818P	Line Level Audio	12 Shielded PR #22 AWG, Stranded, Twisted, individually Jacketed, Polyethylene Jacket, CMR	0.638	16.21	B
ALT-D16	Belden	1819R	6549PA		Line Level Audio	16 Shielded PR #22 AWG, Stranded, Twisted, individually Jacketed, Polyethylene Jacket, CMR	0.776	19.71	A
ALT-E	West Penn	(X)454	AQC291	D25454	Mic Level Audio	1 Shielded PR #22 AWG, Stranded, Twisted, Orange PVC Jacket	0.135	3.43	A
ALT-E	Gepco	61801EZ		61801HS	Mic Level Audio	1 Shielded PR #22 AWG, Stranded, Twisted, Orange PVC Jacket	0.138	3.51	A
ALT-E4	Belden	1815R	1815WB	1815P	Mic Level Audio	4 Shielded PR #22 AWG, Stranded, Twisted, individually Jacketed, Polyethylene Jacket, CMR	0.384	9.75	A
ALT-E6	Belden	1816R	1816WB	1816P	Mic Level Audio	6 Shielded PR #22 AWG, Stranded, Twisted, individually Jacketed, Polyethylene Jacket, CMR	0.462	11.73	A
ALT-E8	Belden	1817R	1817WB	1817P	Mic Level Audio	8 Shielded PR #22 AWG, Stranded, Twisted, individually Jacketed, Polyethylene Jacket, CMR	0.503	12.78	A
ALT-E12	Belden	1818R	1818WB	1818P	Mic Level Audio	12 Shielded PR #22 AWG, Stranded, Twisted, individually Jacketed, Polyethylene Jacket, CMR	0.638	16.21	A
ALT-E16	Belden	1819R	1819WB		Mic Level Audio	16 Shielded PR #22 AWG, Stranded, Twisted, individually Jacketed, Polyethylene Jacket, CMR	0.776	19.71	A
ALT-M	Belden	7825R		7825P	Camera Control	(2) 16 AWG Stranded, (2) 22AWG Stranded	0.25	6.35	B
ALT-N4	Belden	5543FE		6543FE	Intercom	4 Pair #22 Stranded Shielded	0.246	6.25	B
ALT-P	Belden	5504UE		6504UE	Control	6 Conductor, #22 AWG, Stranded, Jacketed	0.168	4.27	B
ALT-Q	Belden	5301UE		6301UE	Control	3 Conductor, #18 AWG, Stranded, Jacketed	0.167	4.24	B
ALT-Z	Belden	HD200x Series			HDMI	HDMI Compsite Cable	0.548	13.92	B

1 **AV Cable Schedule**
SCALE: 12" = 1'-0"

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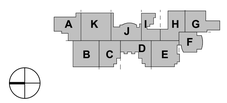

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
AV CABLE SCHEDULE

SHEET NUMBER
AV-002

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All cabling called out in AV Systems Schedules will be provided by 27 41 34.

AV Systems - Typical Junction Box Schedule

Typical Box ID	Device Description	Device Manufacturer	Device Model	Mounting Height	Box Manufacturer	Box Model	Box Description	Flush Mount	NEMA Type	Box Supplied and Installed By:	Panel Supplied and Installed By:	Conduit & Cable (Unless Otherwise Shown on Plan)	Notes
An.1	Wireless Antenna Plate	n/a	n/a	8' - 6"	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 1G mudring.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 1F to local AVR.	
An.2	Wireless + Assistive Listening Antenna Plate	n/a	n/a	<varies>	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 2G mudring.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 1F,1H to local AVR	
Av.3e	AV Connectivity Panel (Existing Location)	n/a	n/a	2' - 6"	Raco or Equivalent	692	3-Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	N/A	(2) 1" Conduit stub to accessible ceiling. 2E,2U6S,1UH to local AVR.	
Av.4	AV Connectivity Panel (Booth)	n/a	n/a	1' - 6"	Raco or Equivalent	693	4-Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	N/A	(2) 1" Conduit stub to accessible ceiling. 2E,2U6S,1UH,1W to local AVR.	
Av.5	AV Connectivity Panel (Black Box)	n/a	n/a	1' - 6"	Raco or Equivalent	694	5-Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	N/A	(1) 1" & (1) 1-1/4" Conduit stub to accessible ceiling. 2E,4U6S,1UH,1W to local AVR.	
Av.8	AV Connectivity Panel (Console)	n/a	n/a	1' - 6"	Hoffman or Equivalent	ASE8X8X4	Steel junction/pull box with screw cover.	Yes	1	27 05 29	N/A	(2) 1" Conduit stub to accessible ceiling. 2E,2U6S,1UH to local AVR.	
Av.Ds	AV Connectivity Panel (Downstage)	n/a	n/a	1' - 6"	Raco or Equivalent	692	3-Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	N/A	(2) 1" Conduit stub to accessible ceiling. 2E,2U6S,1UH to local AVR.	
Bt.2	Bluetooth IO Panel	Attero Tech	unD6IO-BT	<varies>	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 2G mudring.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 1U6 to local AVR.	
Cam.1	Camera Box	n/a	n/a	10' - 0"	Chief	PAC525FW	Medium In-Wall Pre-Installation Backbox w/ Cover	Yes		27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 2U6 to local AVR.	
Cx.A	Wall Video Encoder w/ Dante	n/a	n/a	2' - 6"	Raco or Equivalent	692	3-Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	N/A	(2) 1" Conduit stub to accessible ceiling. 2E,2U6S,1UH to local AVR.	
Cx.B	Wall Video Encoder w/ Bluetooth	n/a	n/a	1' - 6"	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 2G mudring.	Yes	1	27 05 29	N/A	(1) 3/4" Conduit stub to accessible ceiling. 1U6S to local AVR.	
Cx.C	Wall Video Encoder w/ Analog	n/a	n/a	1' - 6"	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 2G mudring.	Yes	1	27 05 29	N/A	(1) 3/4" Conduit stub to accessible ceiling. 1U6S to local AVR.	
Fb.2e	AV Floor Device	n/a	n/a		Ace Backstage	122SLBK X=5/8"	Ace Backstage Full Pocket (#122SLBK X=5/8" With #102BBX Back Box)	Yes	1	27 05 29	27 41 34	(1) 1" & (1) 1-1/4" Conduit stub to accessible ceiling.	
Ic.1	Intercom Outlet Plate	n/a	n/a	<varies>	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 1G mudring.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 1N to local AVR.	
Ic.S	Intercom Speaker	Clear-Com	KB701	3' - 9"	Raco or Equivalent	693	4-Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 1N to local AVR.	
Mc.1	Single Mic Connectivity Panel	n/a	n/a	1' - 6"	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 1G mudring.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 1E to local AVR.	
Mc.2	Dual Mic Connectivity Panel	n/a	n/a	2' - 6"	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 1G mudring.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 2E to local AVR.	
Mc.3	Catwalk Mic Connectivity Panel	n/a	n/a	24' - 0"	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 1G mudring.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 3E to local AVR.	
Mc.P	Pendant Microphone	Audio-Technica	U853PMU		n/a		Single Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	27 41 34	(1) 1" Conduit stub to accessible ceiling. 1E to local AVR.	
Mon.2	Monitor Speaker Connectivity Panel	n/a	n/a	1' - 6"	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 2G mudring.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 2U6S,1UH to local AVR.	
S.4	Front Fill Speaker	Fulcrum Acoustic	RX599	2' - 6"	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	N/A	(1) 3/4" Conduit (in non-accessible & open ceilings) & 1A14 to adjacent Type S.4	
S.6	Black Box Speaker	Fulcrum Acoustic	CCX896		Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	27 41 34	(1) 3/4" Conduit (in non-accessible & open ceilings) & 1A14 to adjacent Type S.6	
S.8	8" Surface Mounted Loudspeaker	ElectroVoice	EVID-S8.2T	7' - 6"	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	N/A	(1) 3/4" Conduit (in non-accessible & open ceilings) & 1A14 to adjacent Type S.8	
Scn.2	Ceiling Recessed Projection Screen	Draper	101782		Motorized Screen	n/a	Single Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	27 41 34	(1) 1" Conduit stub to accessible ceiling. 1U6S to local AVR.	
Ts.7	7" Touchscreen	QSC	TSC-70-G3	3' - 9"	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 2G mudring.	Yes	1	27 05 29	N/A	(1) 3/4" Conduit stub to accessible ceiling. 1U6 to local AVR.	Device is approx. 7.5" Wide by 4.5" Tall and requires clearance of 4.5" left and right and 3" top and bottom of junction box center line.
Tv.1	Recessed TV Backbox	n/a	n/a	5' - 0"	Chief	PAC525FW	Medium In-Wall Pre-Installation Display Backbox	Yes		27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling.	
Vc.1	Volume Controller	Atlas	AT35D	3' - 9"	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	Yes	1	27 05 29	N/A	(1) 3/4" Conduit stub to accessible ceiling. 1A14 to adjacent Vc.1.	Decora-style auto transformer. 35w at 25v or 70v, 3dB steps. White.
Vp.2	Video Projector	Epson	EB-PU2116B	10' - 0"	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 2G mudring.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 2U6S,1UH to local AVR.	
Wc.1	Intercom Wireless Antenna Plate	n/a	n/a	7' - 6"	Raco or Equivalent	260	4-11/16" square welded steel electrical box, 3.25" depth, with 1G mudring.	Yes	1	27 05 29	N/A	(1) 1" Conduit stub to accessible ceiling. 1F to local AVR.	

All cabling called out in AV Systems Schedules will be provided by 27 41 34.

AV Systems - Ceiling & Pendant Speaker Schedule

Speaker Type	Speaker Description	Speker Manufacturer	Speaker Model	Junction Box Manufacturer	Junction Box Model	Junction Box Description	Junction Box Flush Mount	Junction Box NEMA Type	Junction Box: Supplied By	Junction Box: Back Box Installed By	Panel Provided & Installed By	Speaker Supplied & Installed By	Type Comments	Notes
C.6	Ceiling Speaker	Sonance	PS-C63RT	1	1	1	Yes	N/A	Integrated	Integrated	N/A	27 41 34	(1) 3/4" Conduit & 1A12 Cable to Adjacent Type Cs	Ceiling Cutout = 8.25" Diameter

AV Systems - Rack Schedule

Rack ID	Sheet Reference	Level	Manufacturer	Model	Description	Rack Dimensions: Height	Rack Dimensions: Width	Rack Dimensions: Depth	Device: Supplied By	Device: Installed By	Notes
AVR.01		Level 1	Middle Atlantic Products, Inc.	BGR-4532	45 SPACE (78-3/4"), 32" DEEP, MULTIBAY BGR RACK WITH REAR DOOR, BLACK FINISH	6' - 10 7/8"	1' - 11"	2' - 8"			
AVR.02		Level 1	Middle Atlantic Products, Inc.	DWR-24-22LVFD	EXISTING 24 SPACE (42") SECTIONAL WALL RACK, FITS 20" DEEP EQUIPMENT, BLACK FINISH	4' - 1 1/16"	1' - 11 13/32"	1' - 10"	27 41 36	27 41 36	
AVR.03		Level 1	Middle Atlantic Products, Inc.	DWR-35-26LVFD	35 SPACE (61 1/4") SECTIONAL WALL RACK, FITS 24" DEEP EQUIPMENT, BLACK FINISH	5' - 8 5/16"	1' - 11 13/32"	2' - 2"	27 41 36	27 41 36	

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PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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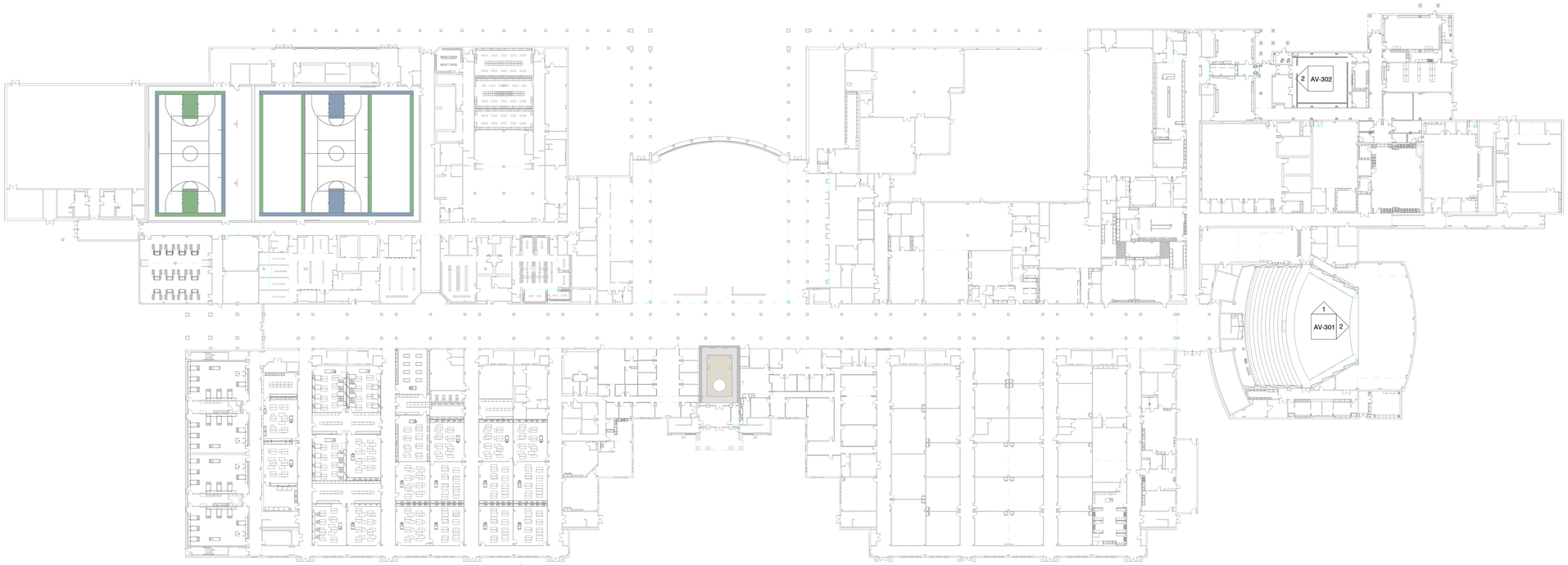
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
AV SYSTEMS SCHEDULES

SHEET NUMBER
AV-003

Keynote Legend	
Key	Keynote



1 **AV - OVERALL FLOOR PLAN**
SCALE: 1" = 40'-0"

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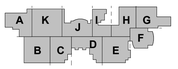

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SHEET NAME
AV - OVERALL FLOOR PLAN

SHEET NUMBER
AV-101

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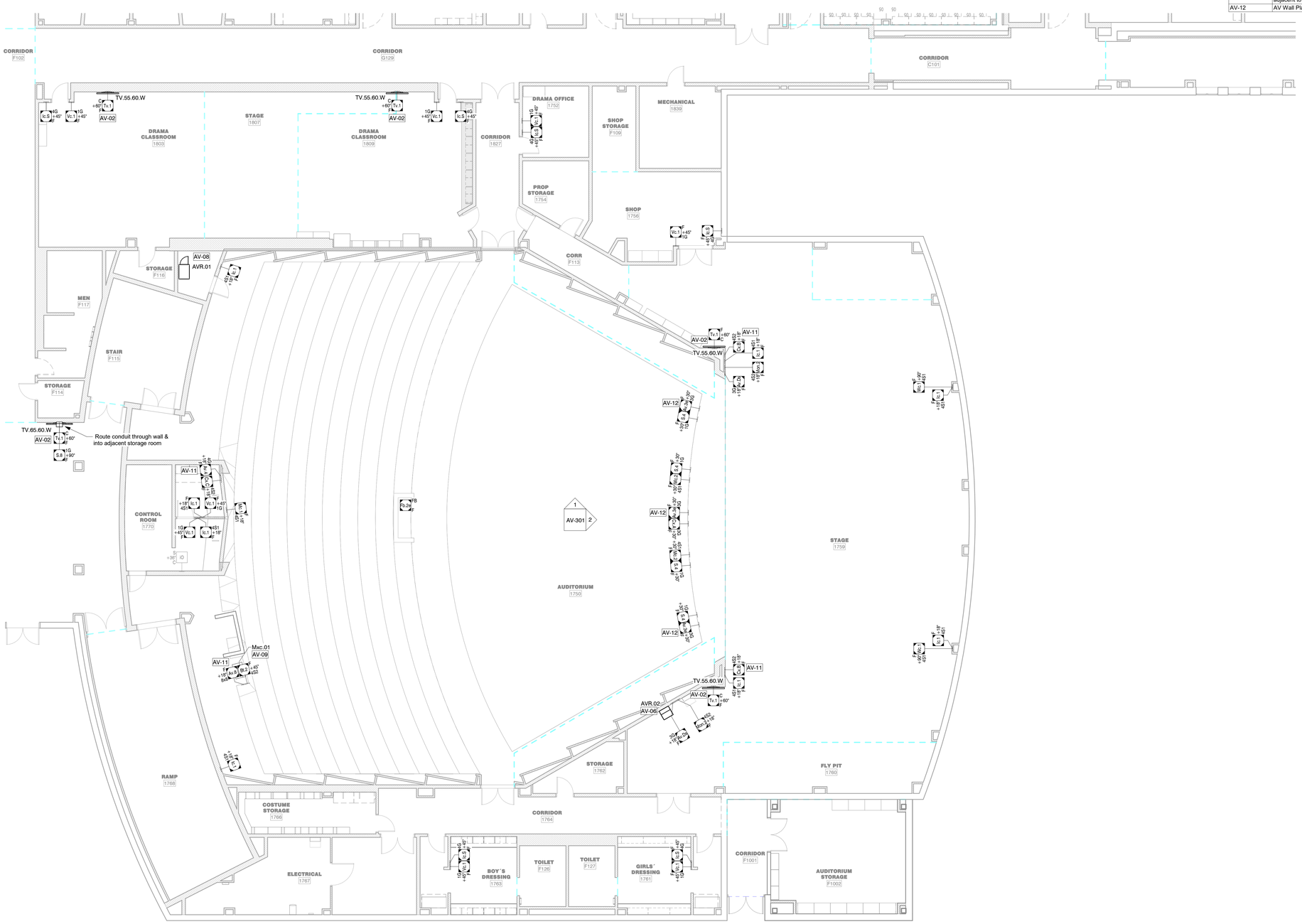
Keynote Legend

Key	Keynote
AV-02	TV Backbox. Duplex power outlet, by Div 26, and dual data drop, by 271500, installed inside TV Backbox.
AV-06	AV Equipment Rack. Power: 3kW feeds (2) 20A, 120V circuits. Div 26 to terminate circuits to electrical junction box at the top of the AV rack. Electrical junction box and in-rack distribution by 27 41 34. Cooling: AV equipment will generate 3,000 BTU of thermal energy when all systems are in use and 2,000 BTU while operating 24/7. Pathway: All pathways routed to rack should terminate to overhead cable tray. Cable tray shown on DT plans.
AV-08	AV Equipment Rack. Power: 9kW feeds (6) 20A, 120V circuits. Div 26 to terminate circuits to electrical junction box at the top of the AV rack. Electrical junction box and in-rack distribution by 27 41 34. Cooling: AV equipment will generate 9,000 BTU of thermal energy when all systems are in use and 6,000 BTU while operating 24/7. Pathway: All pathways routed to rack should terminate to overhead cable tray. Cable tray shown on DT plans.
AV-09	Audio Console. Two (2) Dedicated 20A, 120V circuit terminated to quad, by Div 26, on wall or on floor under desk.
AV-11	AV Connectivity Wall Plate. Dedicated 20A, 120V circuit terminated to quad, by Div 26, installed adjacent to AV Box.
AV-12	AV Wall Plate. Duplex power outlet, by Div 26, installed adjacent to AV box.



1 **AV - FLOOR PLAN - AREA F**
SCALE: 1/8" = 1'-0"

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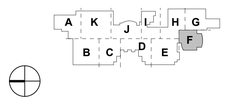

REVISION HISTORY

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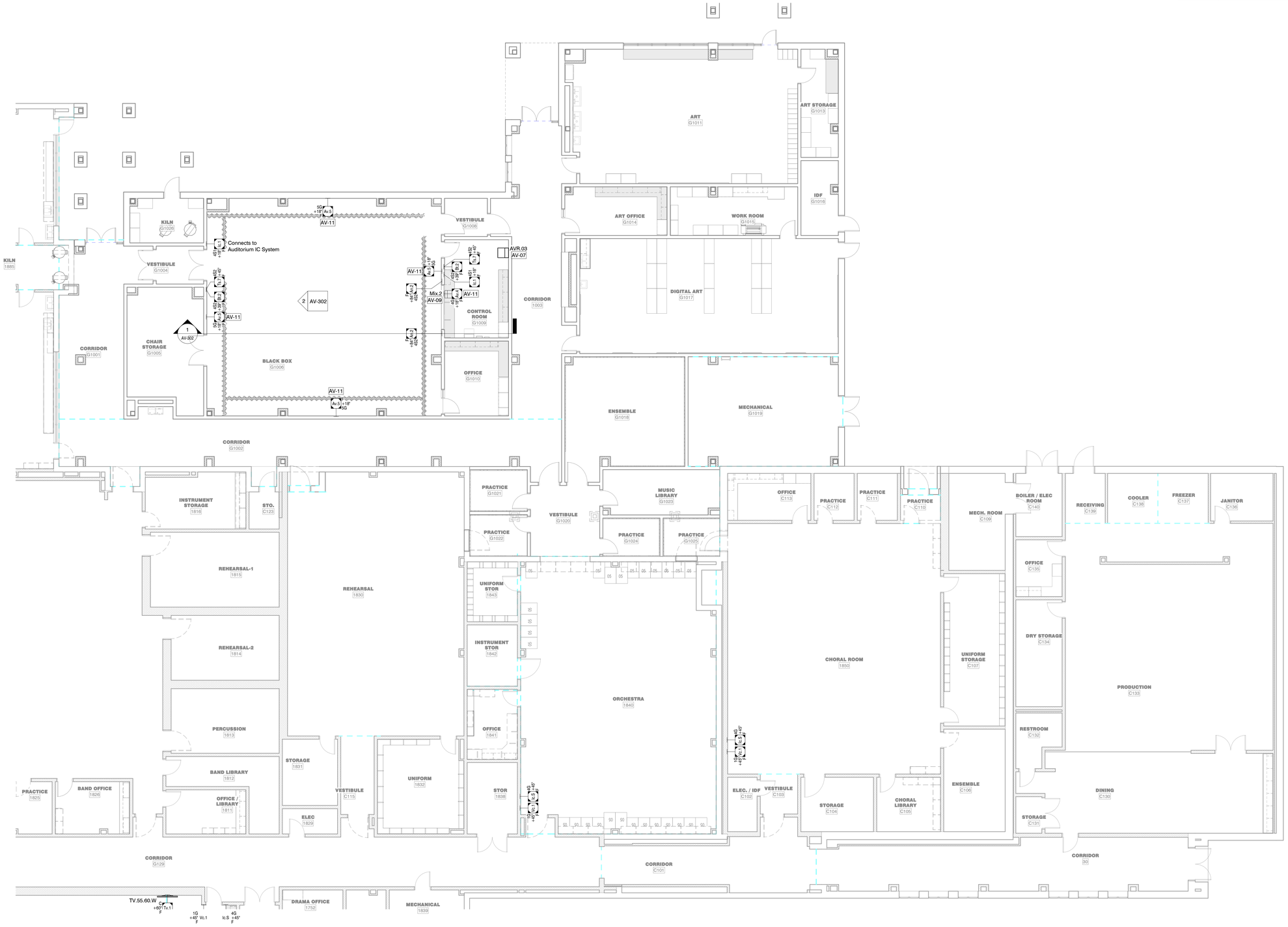
SHEET NAME
AV - FLOOR PLAN - AREA F

SHEET NUMBER
AV-101-F

Keynote Legend

Key	Keynote
AV-07	AV Equipment Rack. Power: 6kW feeds (4) 20A, 120V circuits. Div 26 to terminate circuits to electrical junction box at the top of the AV rack. Electrical junction box and in-rack distribution by 27 41 34. Cooling: AV equipment will generate 6,000 BTU of thermal energy when all systems are in use and 4,000 BTU while operating 24/7. Pathway: All pathways routed to rack should terminate to overhead cable tray. Cable tray shown on DT plans.
AV-09	Audio Console. Two (2) Dedicated 20A, 120V circuit terminated to quad, by Div 26, on wall or on floor under desk.
AV-11	AV Connectivity Wall Plate. Dedicated 20A, 120V circuit terminated to quad, by Div 26, installed adjacent to AV Box.



1 **AV - FLOOR PLAN - AREA G**
SCALE: 1/8" = 1'-0"

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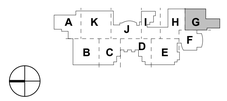
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
TAC	TAC

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
AV - FLOOR PLAN - AREA G

SHEET NUMBER
AV-101-G

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-AV-NW-R23.rvt
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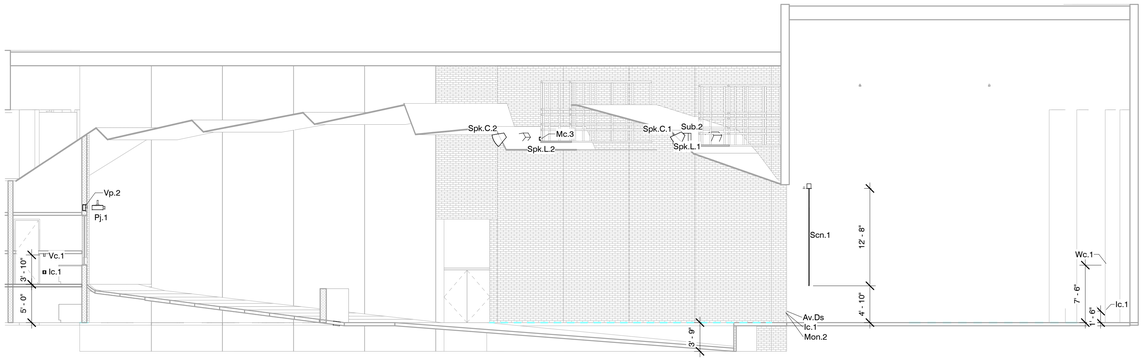
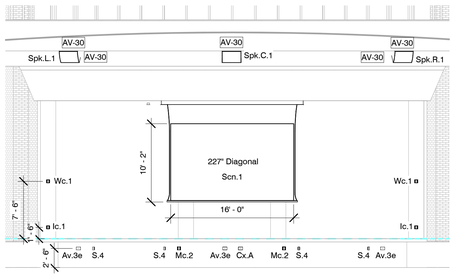


1 AV - AUDITORIUM - CENTERLINE ELEVATION

SCALE: 1/8" = 1'-0"



2 AV - AUDITORIUM - FRONT ELEVATION

SCALE: 1/8" = 1'-0"

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INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

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33AC23221	CFISD
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TAC	TAC

ORIGINAL ISSUE

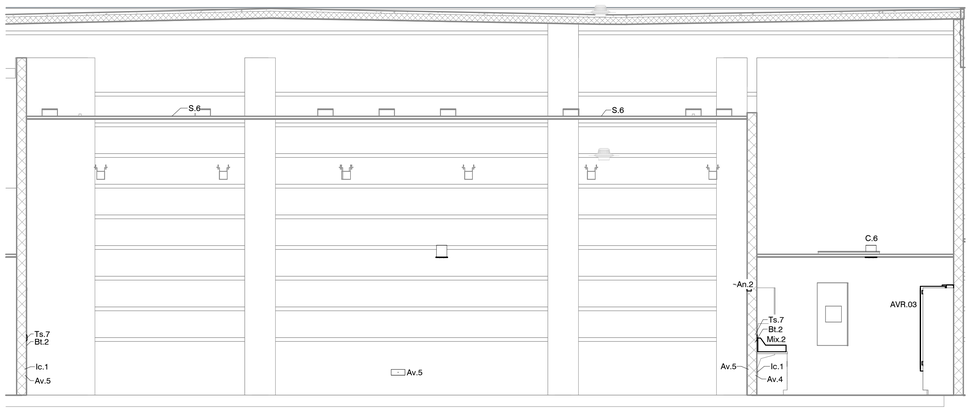
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

AV ELEVATIONS - AUDITORIUM

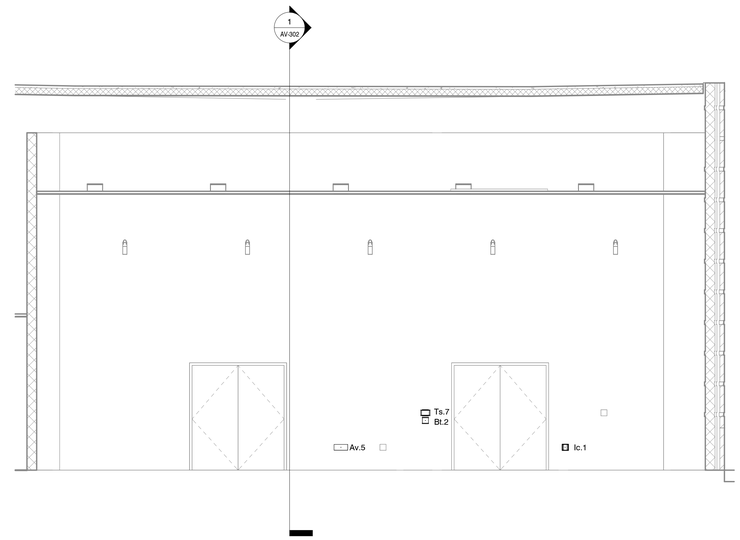
SHEET NUMBER

AV-301



1 AV - BLACK BOX - FRONT ELEVATION

SCALE: 1/4" = 1'-0"



2 AV - BLACK BOX - CENTERLINE SECTION

SCALE: 1/4" = 1'-0"

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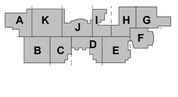
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

AV ELEVATIONS - BLACK BOX

SHEET NUMBER

AV-302

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-AV-NN-R23.rvt
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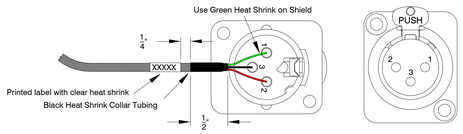
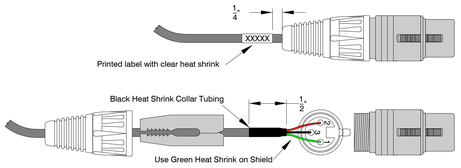


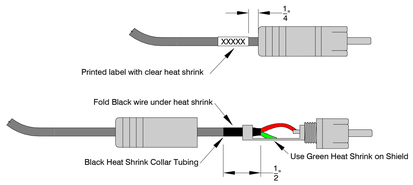
1 XLR FEMALE PANEL MOUNT

Scale: None



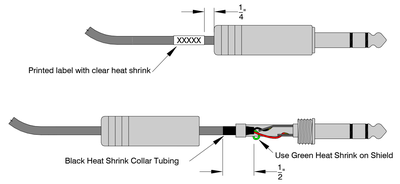
2 XLR FEMALE CABLE MOUNT

Scale: None



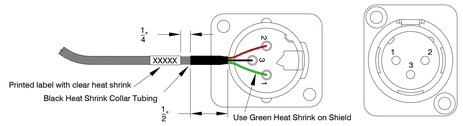
3 RCA MALE CABLE MOUNT

Scale: None



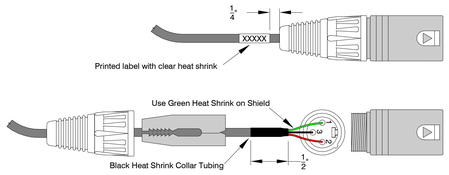
4 1/4" TRS CABLE MOUNT

Scale: None



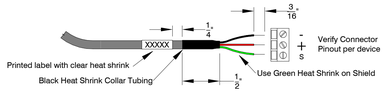
5 XLR MALE PANEL MOUNT

Scale: None



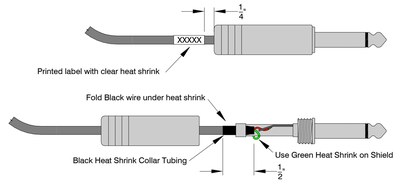
6 XLR MALE CABLE MOUNT

Scale: None



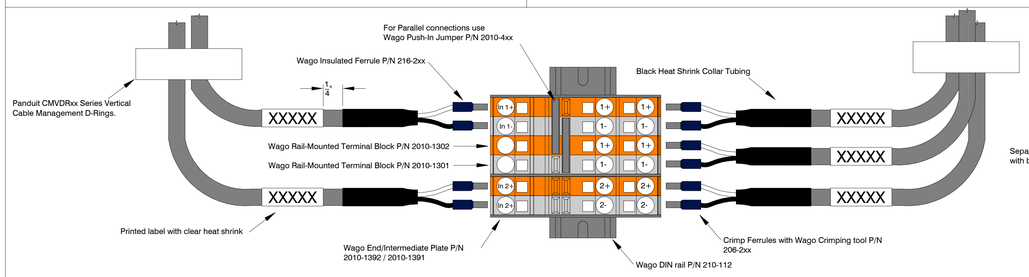
7 PHOENIX CONNECTOR

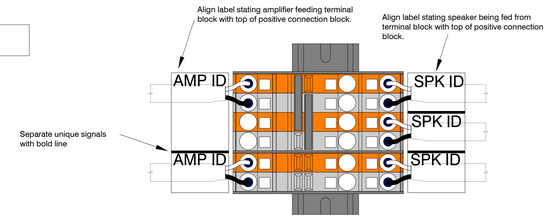
Scale: None



8 1/4" TS CABLE MOUNT

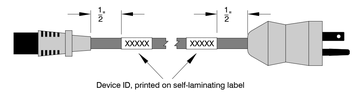
Scale: None





9 SPEAKER LEVEL TERMINAL BLOCKS

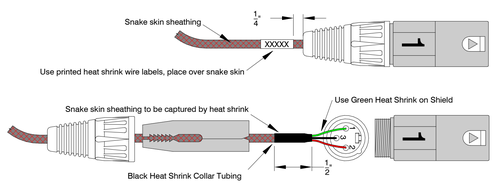
Scale: None



Typical of all power connections within a rack including IEC, PowerCon, Direct Connections and Wall Warts.

10 POWER CONNECTIONS

Scale: None



This detail applies to all mixer and mixing system inputs.

Inputs originating at wall/floor boxes:
- Engraved numbered connectors, Whirlwind p/n WI3M-XX-#
- A new boot color shall be used for every group of 8 inputs.
- The engraved number shall match the plate number.
- Black snake skin sheathing.

Inputs from devices with Stereo Outputs:
- Engraved connectors, Whirlwind p/n WI3M-BK-#
- Left Outputs shall be engraved "#L" and have a white boot
- Right Outputs shall be engraved "#R" and have a red boot
- Blue snake skin sheathing

Inputs from Wireless Microphones:
- Engraved connectors, Whirlwind p/n WI3M-BK-#
- Outputs shall be numbered and connectors engraved "WXX"
- White snake skin sheathing

Wires shall have sufficient length to allow patching to any input.

11 FANOUT XLR CONNECTOR

Scale: None

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
AV CONNECTOR DETAILS

SHEET NUMBER
AV-500

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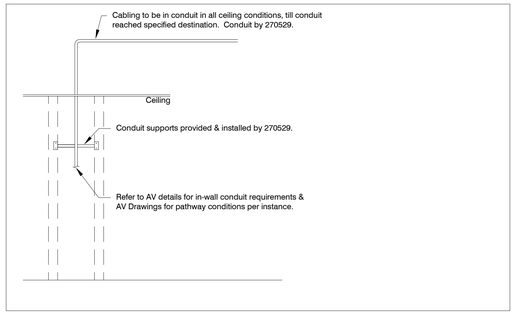
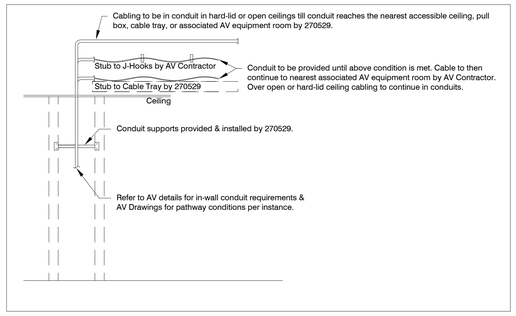


1 Overhead - Home Run Conduits

Scale: None

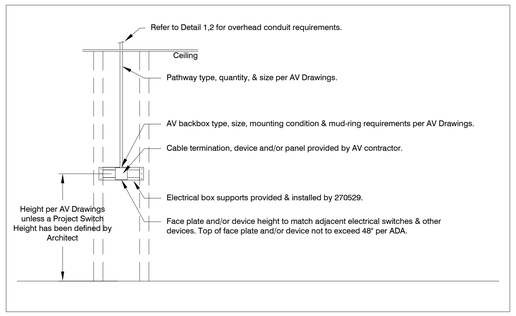
Note: This conduit condition applies to all locations, unless stubs up are specifically noted.



2 Overhead - Conduit Stub Ups

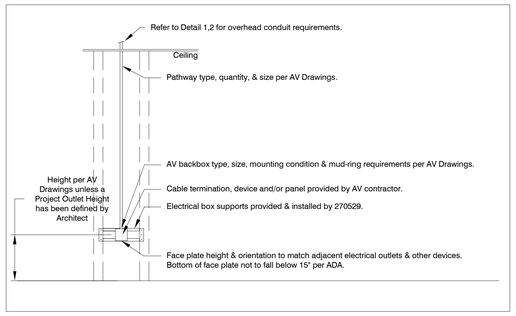
Scale: None

Note: This conduit condition only applies to locations where conduits stubs are called for.



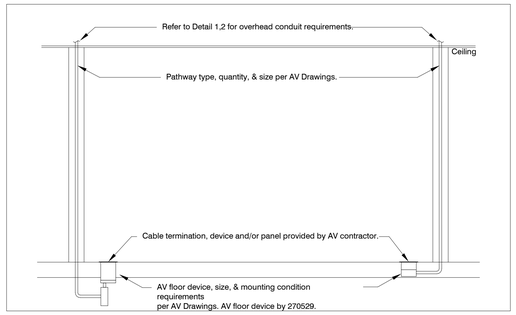
3 Typical Wall-Mounted AV Control Device

Scale: None



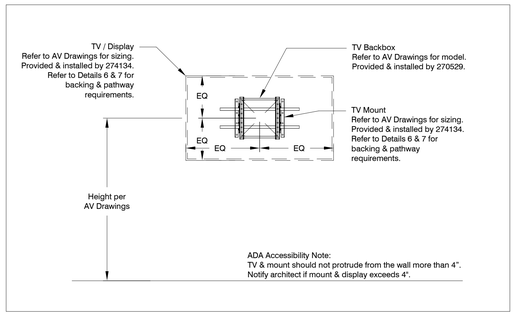
4 Typical Wall-Mounted AV Input Panel

Scale: None



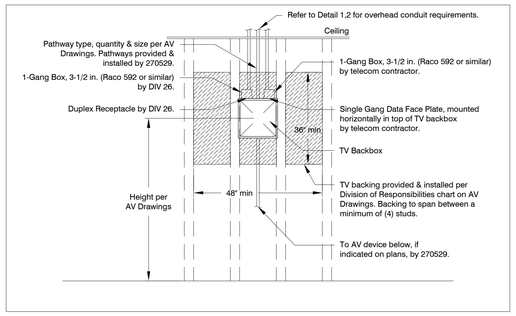
5 Typical Floor-Mounted Devices w/ AV

Scale: None



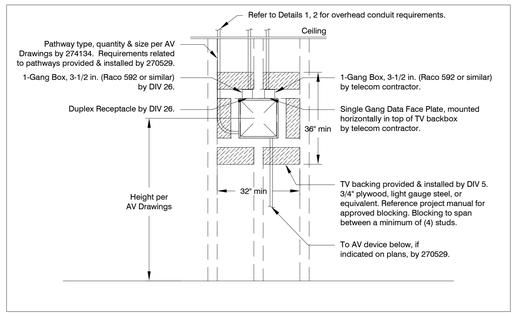
6 Typical TV Mounting Details

Scale: None



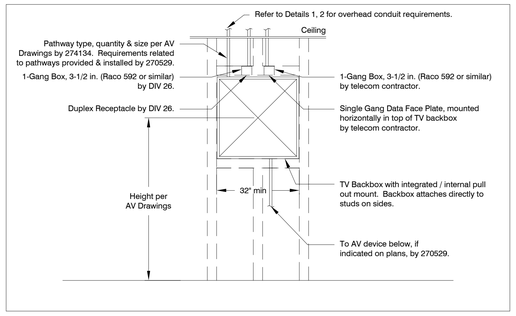
7 Typical TV Backing & Pathways 4-Studs

Scale: None



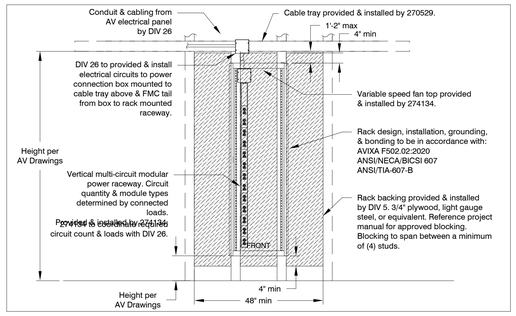
8 Typical TV Backing & Pathways 3-Studs

Scale: None



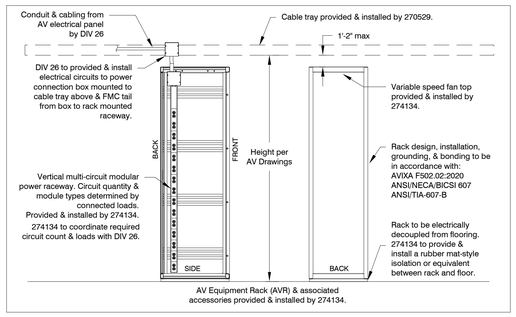
9 Typical TV Backing & Pathways For Recessed Mount

Scale: None



10 Wall-Mounted Rack Detail

Scale: None



11 Floor-Standing AV Rack Details

Scale: None

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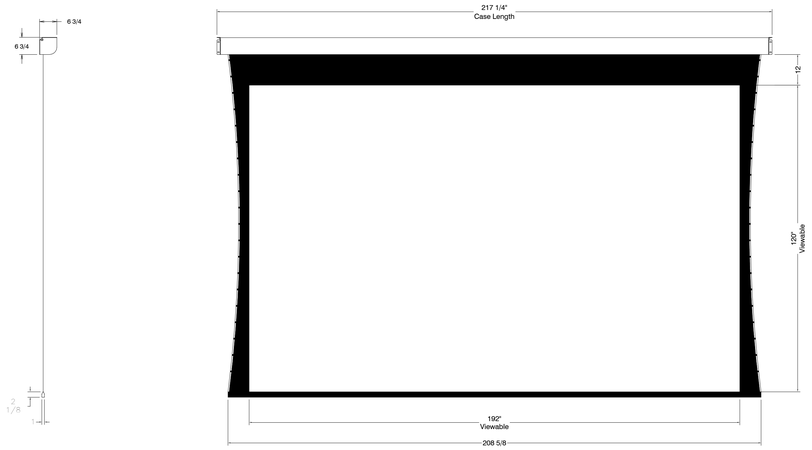
ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
AV STANDARD DETAILS

SHEET NUMBER
AV-501



1 Projector Screen Detail

Scale: None

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6925 Portwest Drive
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346.509.5638

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	CHECKED BY
TAC	TAC

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
AV STANDARD DETAILS

SHEET NUMBER
AV-502

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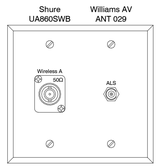

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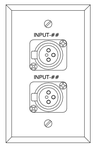

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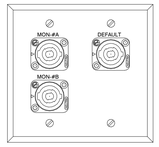

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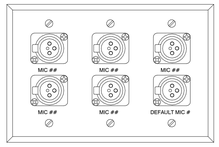

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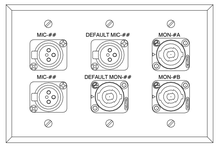

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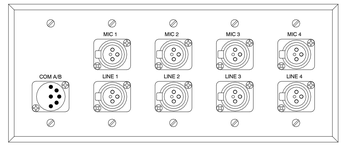

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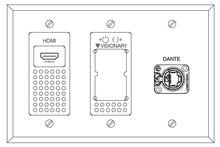

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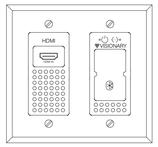

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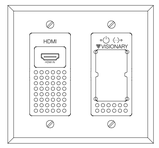
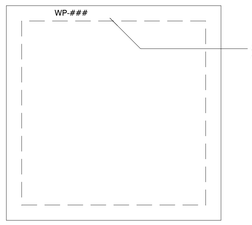


Cx.C
Scale: 6" = 1'-0"

Typical for all wall boxes:
All flush mounted boxes shall have panels with 1/2" overhang on all sides. Example: a 4"x4" back box will have a 5"x5" panel.

For surface mounted boxes, the panel shall match the dimension of the back box.



ALL plates shall be engraved with unique box number.

Av.8
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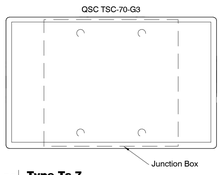
Type Bt.2
Scale: 6" = 1'-0"



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Ic.1
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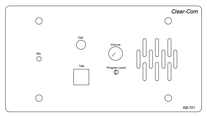

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
TAC	TAC

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
AV PANEL DETAILS

SHEET NUMBER
AV-520

AVR.01

Power Distribution Middle Atlantic PD-915RC-20	AUD.PD.01
Blank Middle Atlantic BL1	
Assistive Listening Williams AV FM TS5	AUD.ALS.01
Blank Middle Atlantic BL1	
Managed Network Switch Cisco C9300-48UXM	AUD.NSW.01
Brush Gromet Middle Atlantic BR1	
Patchbay Bittree DSGIGE224	DPB.01
Brush Gromet Middle Atlantic BR1	
Wireless Microphone Combiner RF Venue Distro9	WLS.01
OFE Wireless Microphone RX Shure ULXD4Q	WRM.01
OFE Wireless Microphone RX Shure ULXD4Q	WRM.02
OFE Wireless Microphone RX Shure ULXD4Q	WRM.03
OFE Wireless Microphone RX Shure ULXD4Q	WRM.04
OFE Wireless Microphone RX Shure ULXD4Q	WRM.05
OFE Wireless Microphone RX Shure ULXD4Q	WRM.06
Blank Middle Atlantic BL1	
Wireless Intercom Station Clear-Com FSII-BASE-II	COM.01
Blank Middle Atlantic BL1	
Blank Middle Atlantic BL1	
Blank Middle Atlantic BL1	
Digital Signal Processor QSC Core 110f v2	DSP.01
Blank Middle Atlantic BL1	
Middle Atlantic U1V For QSC QIO's & Extron DTP Rx	Various
Blank Middle Atlantic BL1	
Drawer Middle Atlantic D3LK	
Vent Middle Atlantic VT1	
Power Amplifier QSC CX-Q 4K4	AUD.AMP.01
Vent Middle Atlantic VT1	
Power Amplifier QSC CX-Q 4K4	AUD.AMP.02
Vent Middle Atlantic VT1	
Power Amplifier QSC CX-Q 4K4	AUD.AMP.03
Vent Middle Atlantic VT1	
UPS Middle Atlantic UPS-S2200R	UPS.01
Vent Middle Atlantic VT1	

Existing Rack

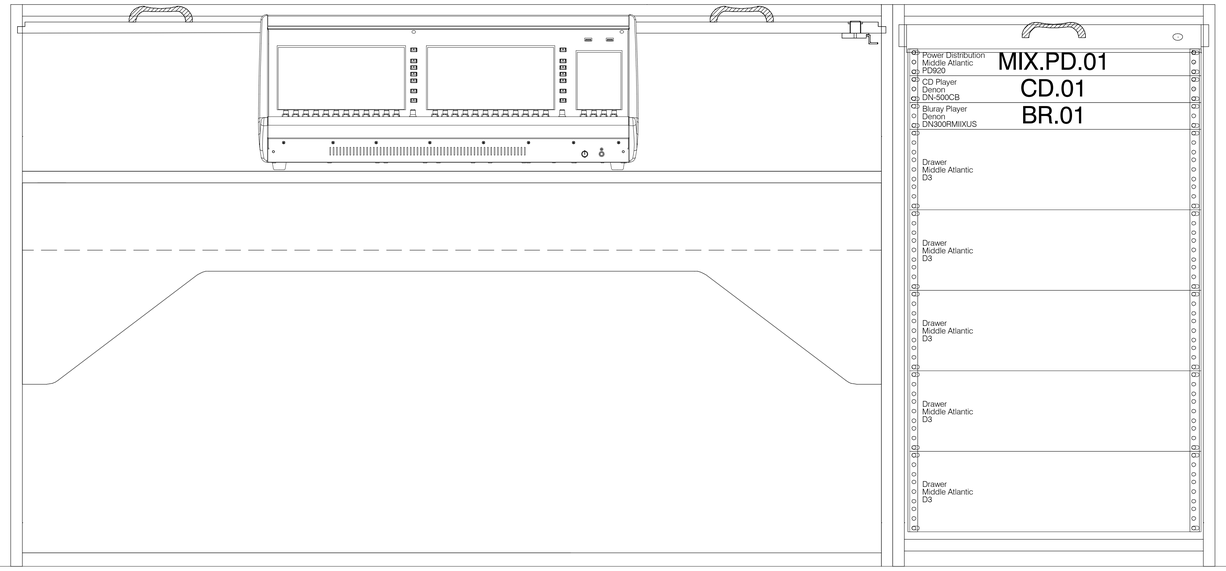
Middle Atlantic Products
BGR-45-32

AVR.02

Power Sequencer	STG.PS.01
Managed Network Switch Cisco C9300-48UXM	AUD.NSW.02
Brush Grommet Middle Atlantic BR1	
Power Distribution	PD.01
Rack Touchpanel and Paging Mic	
	QIO
Intercom Power Supply Clear-Com	IPS.01
Intercom Master Station Clear-Com MS-702	MS.01
Wireless Intercom Base Station	
CD Player	
Default Wireless Microphone	
Drawer Middle Atlantic D3	
Sliding Rack Shelf	
Stage I/O Rack	
Brush Grommet Middle Atlantic BR1	
Power Amplifier	AMP.01

Existing Rack

Middle Atlantic Products
DWR-24-22



Additional MAP rack components per rack to include, but are not limited, to the following:

- BSPN-45-32 (1 per room)
- LL-VP2110
- LACE-44-OWP
- LL-H4A21
- FWD-LT-UTL-44-45-D
- MPR-#A
- MPR-JB663A
- M-2X20A
- M-30TL-HWA
- M-20A
- FWD-EB#
- FWD-VT#
- D2LK
- DWRSR-ZL

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

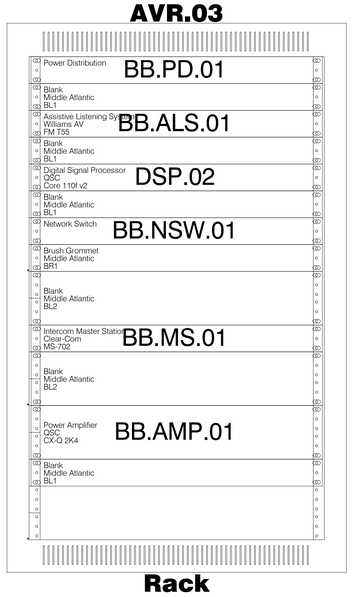
PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
TAC	TAC

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
AV RACK DETAILS

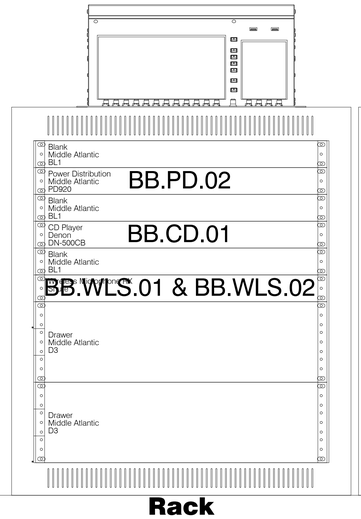
SHEET NUMBER
AV-540

AVR.03



Rack

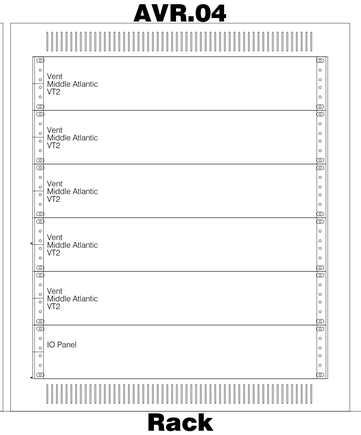
Middle Atlantic Products
DWR-18-26



Rack

Grundorf
T8-TLR1224

AVR.04



Rack

Grundorf
T8-AR1616

Additional MAP rack components per rack to include, but are not limited, to the following:

- BSPN-45-32 (1 per room)
- LL-VP2110
- LACE-44-OWP
- LL-H4A21
- FWD-LT-UTL-44-45-D
- MPR-#A
- MPR-JB663A
- M-2X20A
- M-30TL-HWA
- M-20A
- FWD-EB#
- FWD-VT#
- D2LK
- DWRSR-ZL

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS
INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC25221	CFISD
DRAWN BY	CHECKED BY
TAC	TAC

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

AV RACK DETAILS

SHEET NUMBER

AV-541

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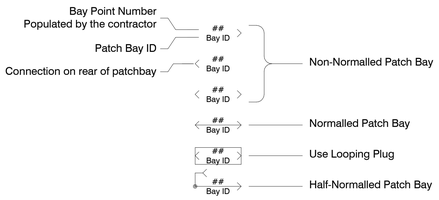

1 Audio & Video Patch Bay Key

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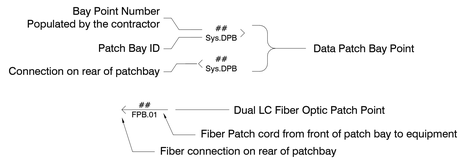

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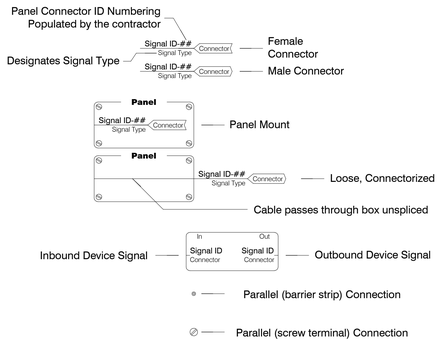

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4 Page Flag Key

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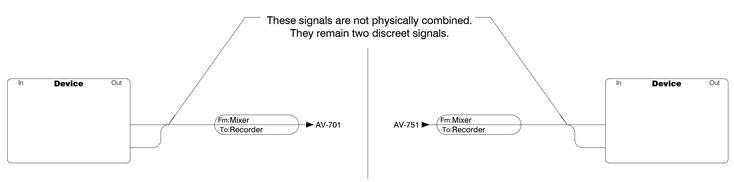

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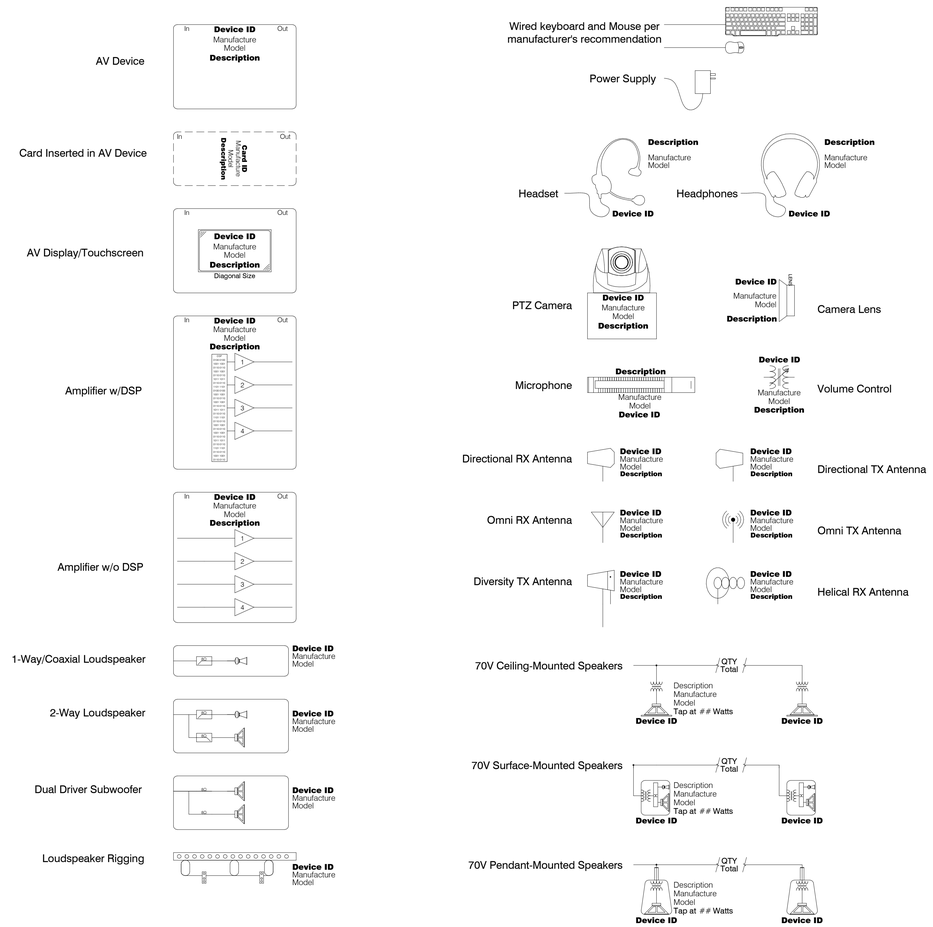

6 Equipment Legend

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REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER: 33AC23221
ABBREVIATION: CFISD
DRAWN BY: TAC
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ORIGINAL ISSUE
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DECEMBER 09, 2024

SHEET NAME
AV SCHEMATIC LEGEND

SHEET NUMBER
AV-700

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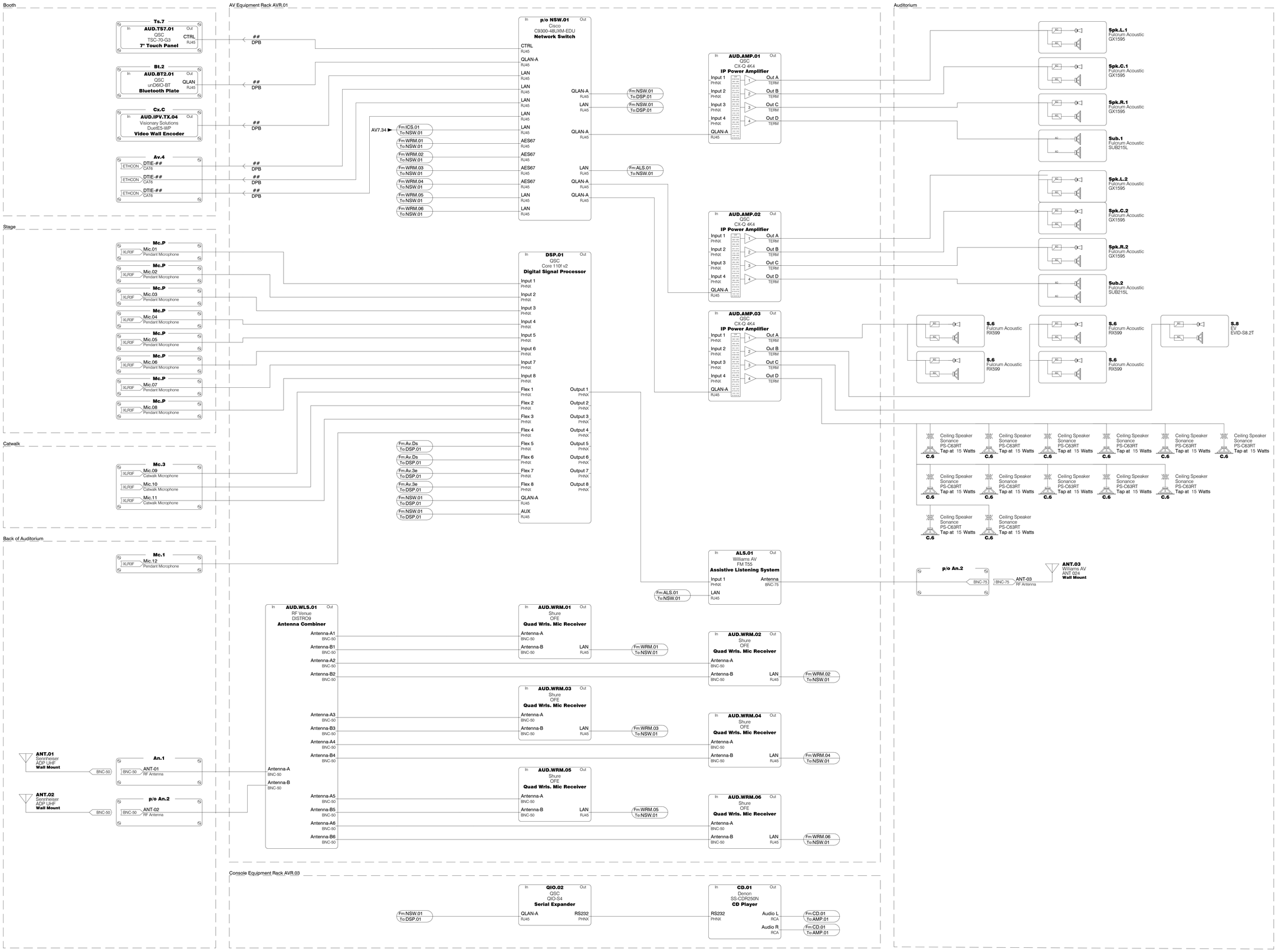

1 **Auditorium Audio System Schematics**

Scale: None

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TAC	TAC

ORIGINAL ISSUE

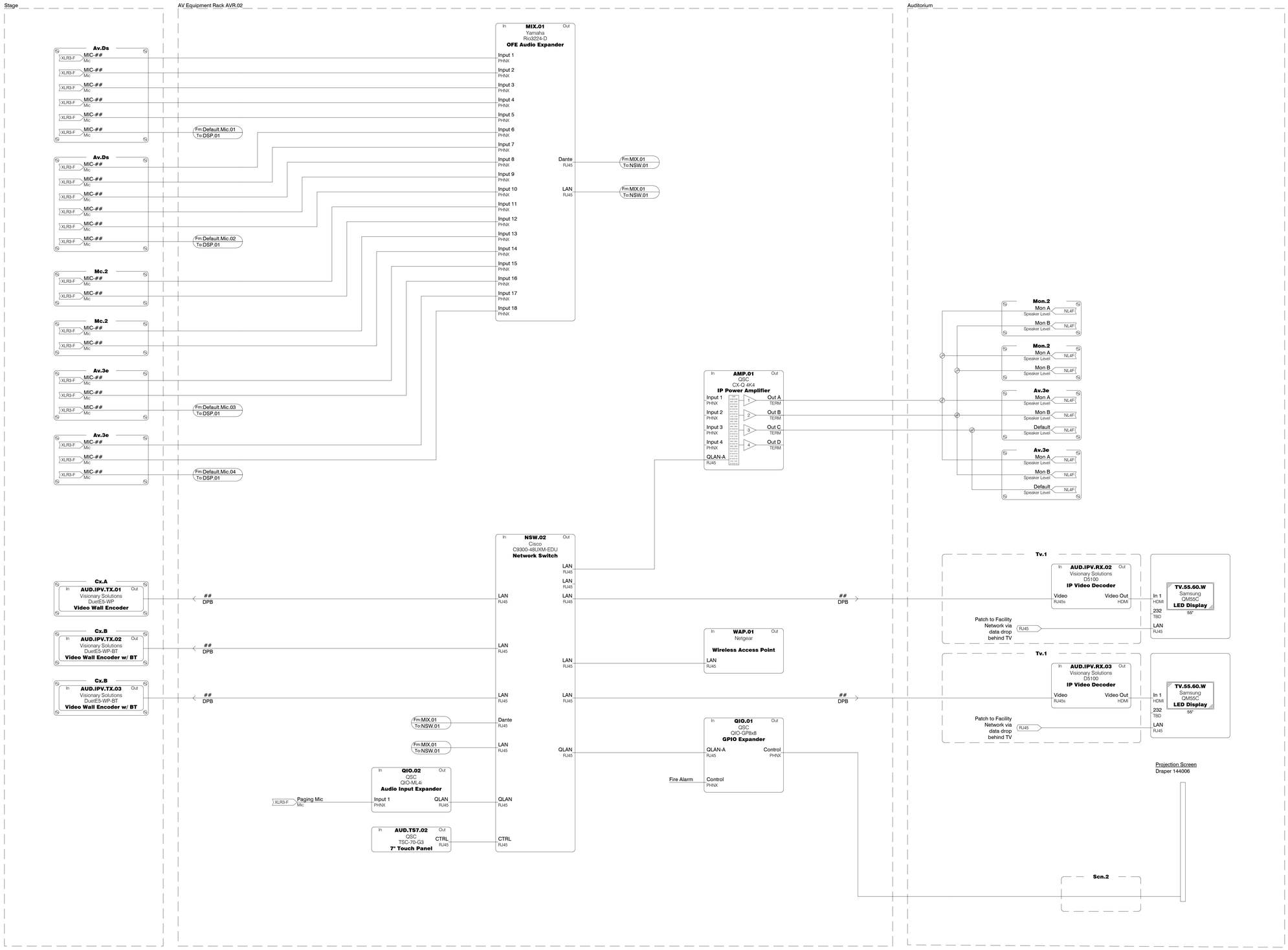
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

AV SCHEMATICS

SHEET NUMBER

AV-730



1 **Auditorium Audio System Schematics**

Scale: None

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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TAC	TAC

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

AV SCHEMATICS

SHEET NUMBER

AV-731

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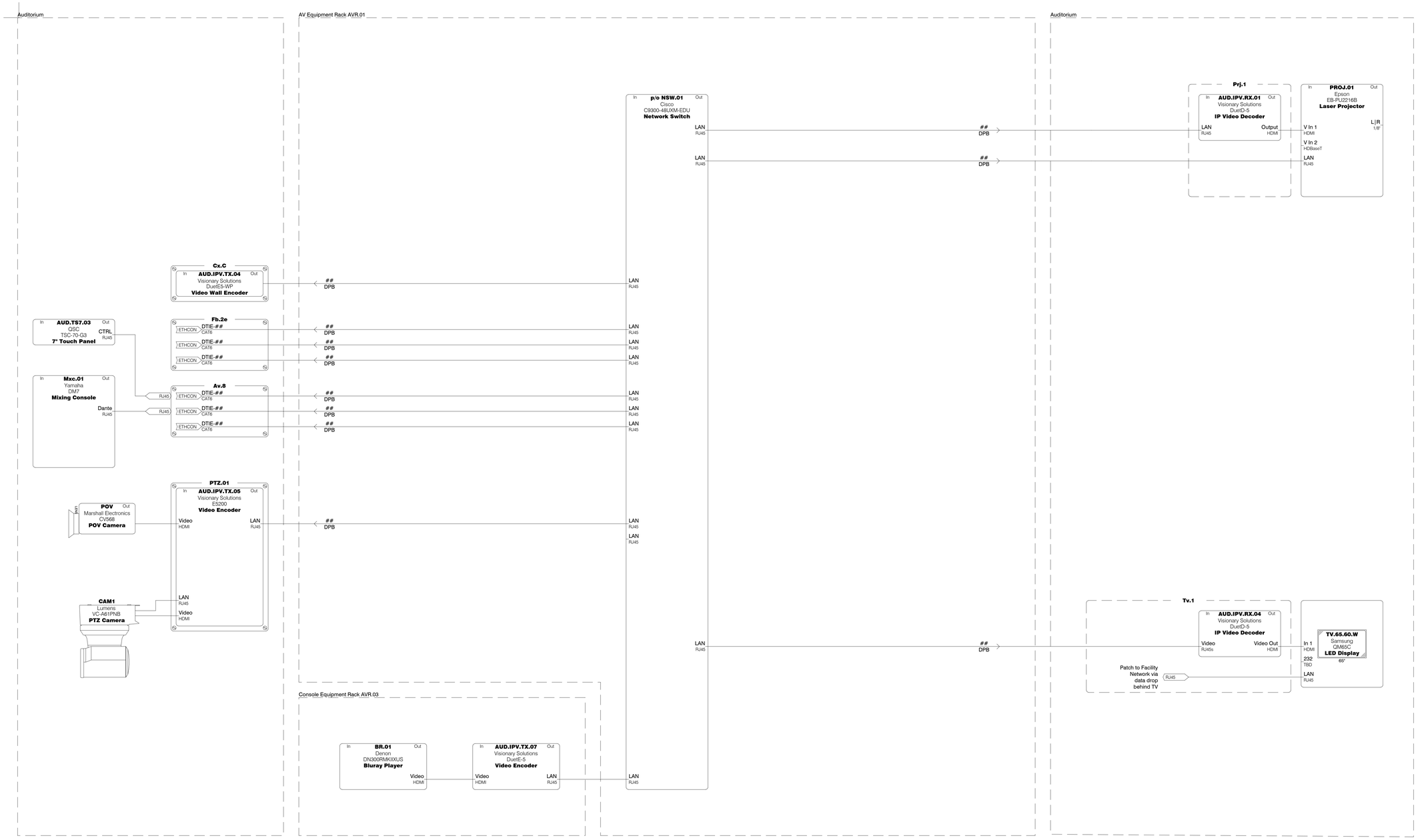

1 Auditorium Network/Audio/Video System Schematics

Scale:None

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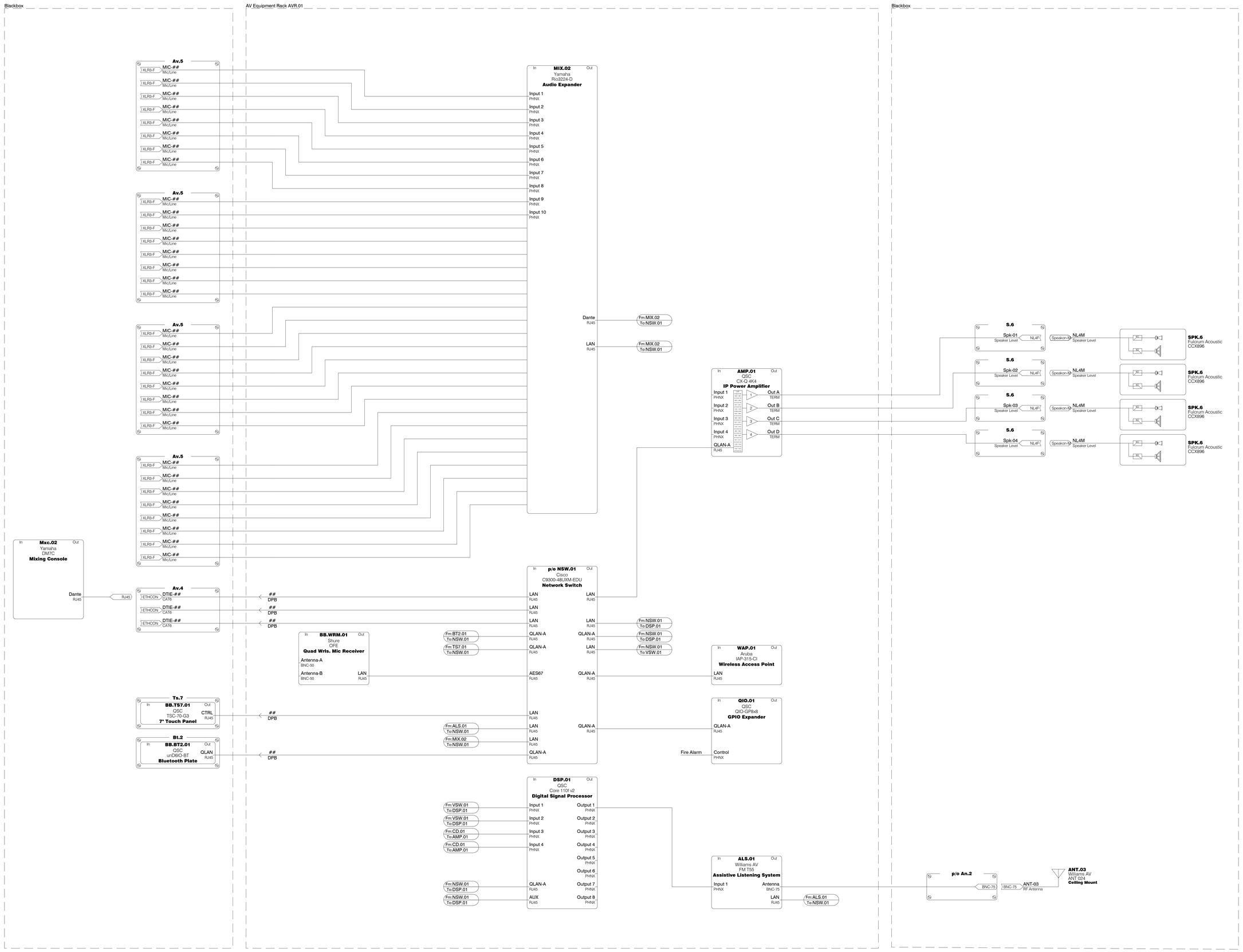
AV SCHEMATICS

SHEET NUMBER

AV-732



1 **Blackbox System Schematics**

Scale: None

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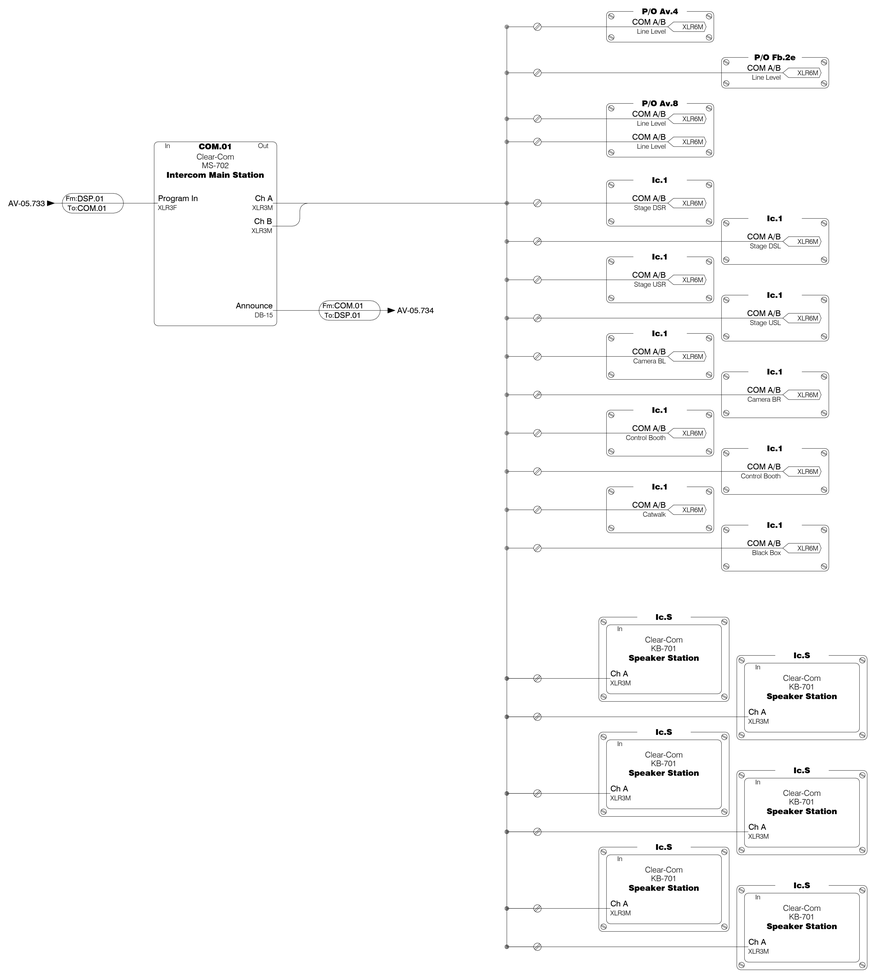
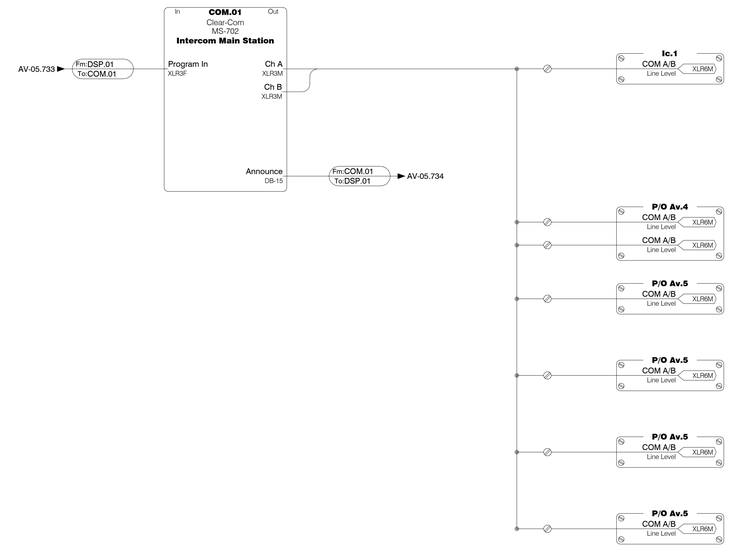


1 **Auditorium Intercom Schematic**

Scale: None



2 **Blackbox Intercom Schematic**

Scale: None

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DECEMBER 09, 2024

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AV SCHEMATICS

SHEET NUMBER

AV-734

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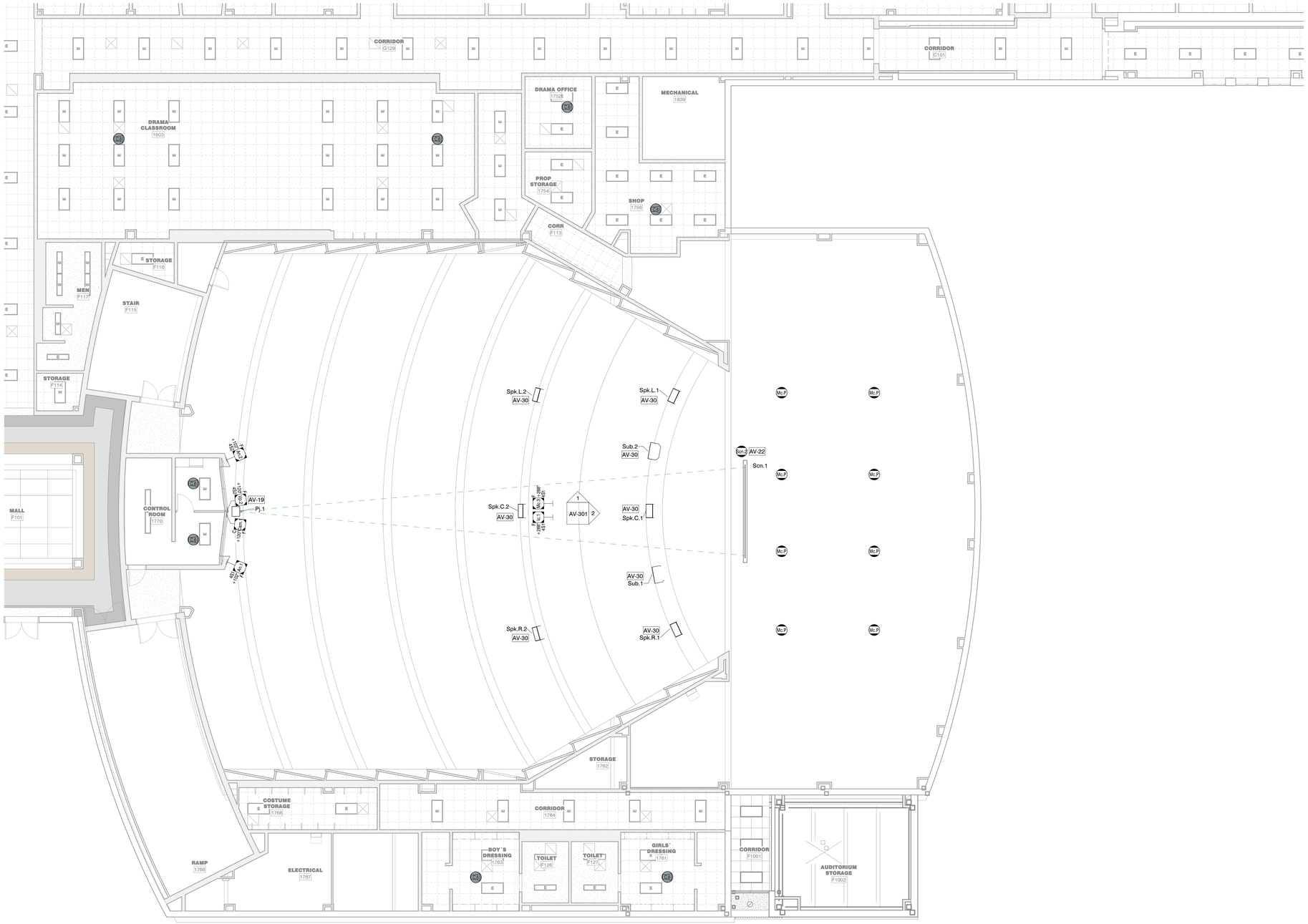
Keynote Legend

Key	Keynote
AV-19	Wall Mounted Projector. Duplex power outlet, by Div 26, installed behind projector wall mount cover .
AV-22	Ceiling Mounted Projection Screen. Power, by Div 26, hardwired to projection screen motor.
AV-30	Auditorium Loudspeaker. Reuse existing loudspeaker cavity for new loudspeaker.



1 **AV - REFLECTED CEILING PLAN - AREA F**
SCALE: 1/8" = 1'-0"

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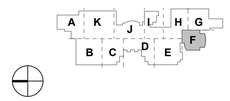
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
AV - REFLECTED CEILING PLAN - AREA F

SHEET NUMBER
AVC-401-F

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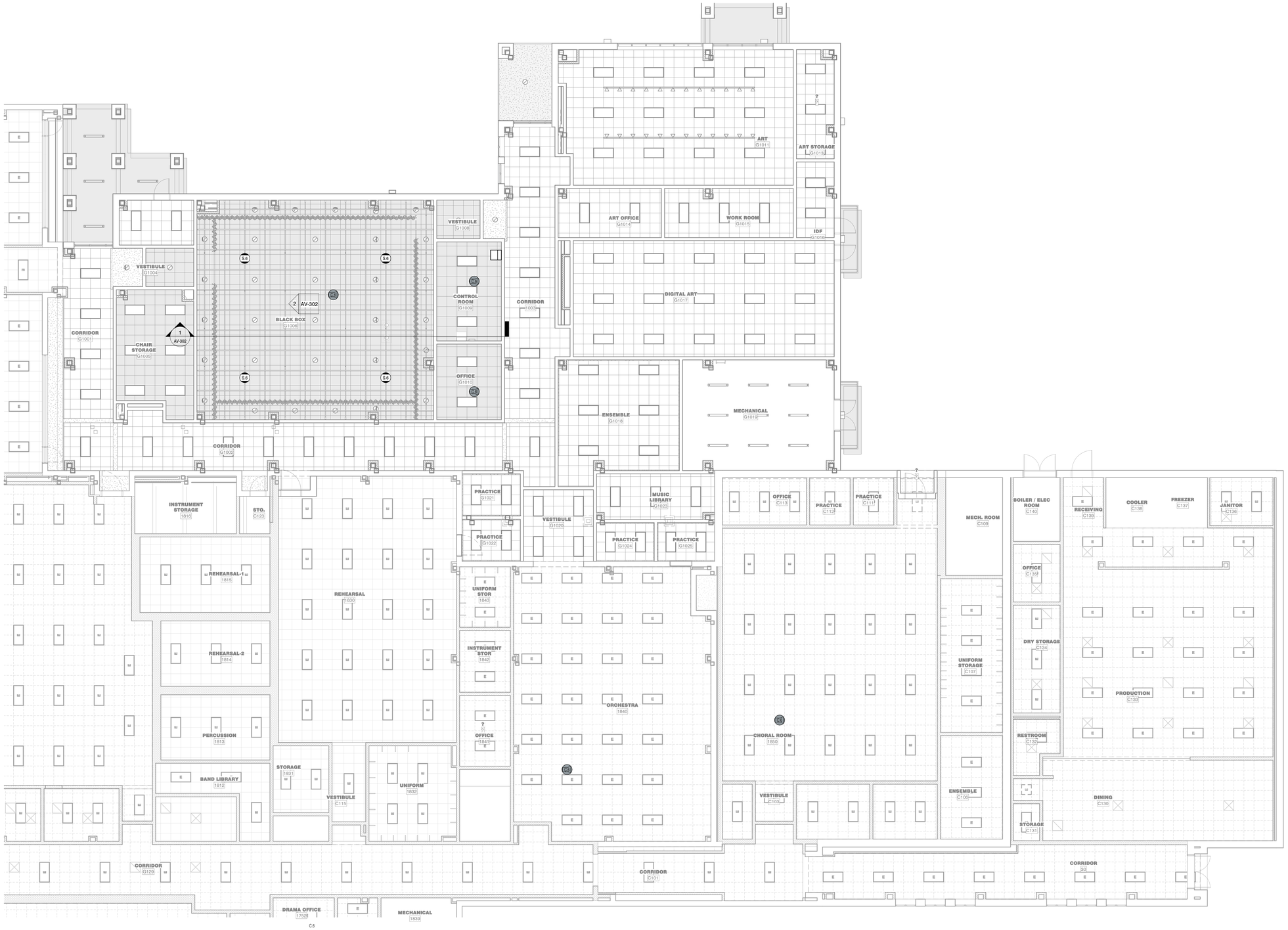
Keynote Legend	
Key	Keynote



1 **AV - REFLECTED CEILING PLAN - AREA G**
SCALE: 1/8" = 1'-0"

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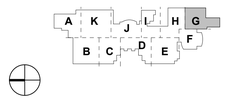
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

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PROJECT
2024 CY RIDGE HS RENOVATION
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PROJECT NUMBER	ABBREVIATION
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ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
AV - REFLECTED CEILING PLAN - AREA G

SHEET NUMBER
AVC-401-G

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XXX-### FLUSH, PIPE MOUNT, OR SURFACE WALL MOUNT BOX / DEVICE

XXX -### FLUSH FLOOR OR CEILING MOUNTED BOX / DEVICE

XXX -### GRIDIRON JUNCTION BOX / DEVICE

XXX

RFB	RIGGING FLOOR BOX
RWB	RIGGING WALL BOX
RJB	RIGGING JUNCTION BOX
RJBC	RIGGING JUNCTION BOX CONTROL/POWER
RRP	RIGGING RELAY PANEL
RCCS	RIGGING COMPANY SWITCH
RDS	RIGGING DISCONNECT SWITCH
RHV	RIGGING HIGH VOLTAGE WIREWAY
RLV	RIGGING LOW VOLTAGE WIREWAY
RMCC	RIGGING MOTOR CONTROL CENTER
RCP	RIGGING CONTROL PANEL

YY

C	CONTROL WIRING ONLY (<=28V)
P	POWER WIRING ONLY (>28V)
CP	CONTROL AND POWER WIRING WITH DIVIDER

120V @ 20A WALL DUPLEX OUTLET

120V @ 20A WALL QUAD OUTLET

120V @ 20A WALL DUPLEX OUTLET

120V @ 20A WALL QUAD OUTLET

208V @ 30A WALL SIMPLEX OUTLET

NETWORK PORT , 2 RJ45

1 Symbol Legend

SCALE: 1/4" = 1'-0"

1. All 120V, 20A circuits to terminate in NEMA 5-20R duplex UON.
2. All 208V, 20A circuits to terminate in NEMA L6-20R UON.
3. All 208V, 30A circuits to terminate in NEMA L6-30R UON.
4. Leave a minimum 18" service loop at all box locations for control cables UON.
5. Leave a minimum 18" service loop at all box locations for power cables UON.
6. All control and power cables shall be labelled with a unique identifier which shall be noted on all drawings to allow for proper identification by all parties.
7. All control cable terminations shall be completed by the stage rigging contractor in accordance with the device manufacturer's recommendations. All cables shall be cut to proper length and bundled with labels clearly visible to allow for easy identification.
8. All power cable terminations shall be completed by the Division 26 contractor in accordance with device manufacturers' recommendations. All cables shall be cut to proper length and bundled with labels clearly visible in order to allow for easy identification.
9. All mounting height dimensions are to the center of the box UON.

2 General Notes

SCALE: 12" = 1'-0"

1. All systems wiring will be in conduit unless approved by the Consultant or otherwise noted on drawings.
2. There are minimum conduit separations that must be maintained between conduits carrying wire of different signal groups. It is important to note that while different signals may exist in a single box, it is not appropriate to run more than one signal group in a single conduit. Refer to tables below for conduit separation distances.
3. It will be necessary at times for conduits of different signal groups to cross in close proximity. The conduit paths must be designed to cross at 90 degrees to each other.
4. The minimum conduit size shall be 3/4" and the conduit should be sized for max. 40% fill, or less if required by prevailing code.
5. Per TIA 569-E, indoor conduit runs shall have access to a pull box every 100' if there are more than (2) 90-degree bends. Pull boxes shall be placed in a straight section of the conduit.
6. Conduit for Outside Plant (OSP) optical fiber should have pull boxes placed at intervals no greater than 300'.
7. Conduit bend radius will be no less than 6 times the diameter for conduits less than 2"∅, and no less than 10 times the diameter for conduits greater than 2"∅.
8. The design will require pull lines to be left in all conduit by the Contractor installing the conduit.
9. The conduit system shall incorporate additional pull boxes as required to match the pull tensions of the wiring to be installed.
10. The installing contractor shall determine from the cable specifications the appropriate pull tensions, and lubricate to ensure that the cable insulation will not be abraded or cut during installation.
11. Signal conduits should be mechanically and electrically connected to the receptacle boxes. These conduits and boxes should connect to the building safety grounding system.
12. PVC conduit may only be used in underground applications. Segments of conduit passing through an electrical or mechanical room shall be rigid. All other conduit to be EMT unless otherwise noted.
13. The tables below define minimum spacing requirements for conduits containing different types and levels of audio, video and communication signals that will be part of the complete systems. It is important that each group be installed in raceways discreet from other group levels.
14. In a situation where there will exist a heavy current demand in adjacent conduits, or where there will be parallel runs >100', there will need to be additional separation between those conduits and the Signal Group A/B/C conduits.
15. Any wiring that is classified within a group can be combined in a raceway carrying other wiring that is in the same group. Common junction boxes/wire raceways that combine different signal groups shall not be used.
16. The different levels of signal grouping are defined as follows:
    - Group A - Microphone and other sensitive wiring (0 - 100mV)
    - Group B - Line Level wiring (100mV - 10V)
    - Group C - Loudspeaker and Control wiring (10V - 70V)

3 Conduit Notes

SCALE: 12" = 1'-0"

COMMON ARCHITECTURAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BOT	BOTTOM
CLG	CEILING
COL	COLUMN
CONT	CONTINUOUS
DIA	DIAMETER
DIM(S)	DIMENSION(S)
DN	DOWN
DWG	DRAWING
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR
FLR	FLOOR
GA	GAUGE
GWB	GYPSUM WALL BOARD
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
INT	INTERIOR
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
NIC	NOT IN CONTRACT
NOM	NOMINAL
OC	ON CENTER
PVC	POLYVINYL CHLORIDE
RCP	REFLECTED CEILING PLAN
REQD	REQUIRED
RM	ROOM
SIM	SIMILAR
SPEC	SPECIFIED OR SPECIFICATION
STL	STEEL
STRUCT	STRUCTURE OR STRUCTURAL
T&G	TONGUE AND GROOVE
TME	TO MATCH EXISTING
TO	TOP OF
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
W/	WITH

Rigging Cable/Circuit Schedule

Type	Manufacturer	Part #	Application	Description	Nominal O.D. (in)
A	Belden or Equiv.	89272	Hoist control network, arcnet	1Pr, 20AWG, Twisted, FEP Jacket	0.198
B	AIWC or Equiv.		Motor control	#16 AWG THHN, Stranded	0.100
C	AIWC or Equiv.		Motor control	#14 AWG THHN, Stranded	0.112
D	AIWC or Equiv.		Motor control	#12 AWG THHN, Stranded	0.131
E			120V @ 20A Util Ckt	H,N,G (Wire size by Div 26)	
F			208V, 1Ph @ 20A Util Ckt	H,H,G (Wire size by Div 26)	
G			208V, 1Ph @ 30A Util Ckt	H,H,G (Wire size by Div 26)	
H			120/208V, 3Ph @ 20A Util Ckt	H,H,H,N,G (Wire size by Div 26)	
I			120/208V, 3Ph @ 30A Util Ckt	H,H,H,N,G (Wire size by Div 26)	
J			120/208V, 3Ph @ 50A Util Ckt	H,H,H,N,G (Wire size by Div 26)	
K			120/208V, 3Ph @ 100A Util Ckt	H,H,H,N,G (Wire size by Div 26)	
L			380/460V, 3Ph @ 100A Util Ckt	H,H,H,N,G (Wire size by Div 26)	

4 Cable Schedule

SCALE: 12" = 1'-0"

Rigging Scope of Work

Note	Description	Other	11 61 33
1	Coordinate with the project structural engineer and verify the load capacities of the building structure where it interfaces with the rigging system		X
2	Perform regular site visits (mininmum of one monthly) after steel erection is completed to provide coordination with all other trades that may conflict with the installation and operation of the rigging system.		X
3	Provide regular reports of all site visits to the architect, client, and consultant that document all coordination issues and their resolutions in regards to the rigging system.		X
4	Provide and install all rigging system components.		X
5	Terminate all control distribution cable, which shall be done in accordance with the manufacturer's specification.		X
6	Furnish to the electrical contractor for installation all line level components and their housings.		X
7	Provide a factory trained technician for system commissioning, including inspection, testing, and programming for the complete project.		X
8	Provide shop drawings, as-built drawings, owner training, and operation manuals.		X
9	Provide accessories and minor equipment items needed for a complete system, even if not specifically mentioned herein or in the drawings, without claim for additional payment.		X
10	Assume responsibility for all engineering of systems described herein, including modification of and addition to any details as required in order to fulfill the design intent of the theatrical rigging system documents.		X
11	Provide and terminate all high voltage feeder circuits for the theatrical rigging system.	Division 26	
12	Provide all low voltage control cabling for the theatrical rigging system.		X
13	Provide all conduit, junction boxes, electrical wireways, and cable trays required for the theatrical rigging system power and control systems.	Division 26	
14	Provide sufficient workmen to assist the Division 11 61 33 contractor with system troubleshooting at first system energization.	Division 26	
15	Clean all racks, panels, and boxes of dirt, dust, and debris, re-assemble all equipment, and replace all panels, covers and screws prior to time of completion checkout.	Division 26	

5 Division of Responsibilities

SCALE: 12" = 1'-0"

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
TAC	TAC

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

THEATRICAL EQUIPMENT NOTES & LEGENDS

SHEET NUMBER

TE-000

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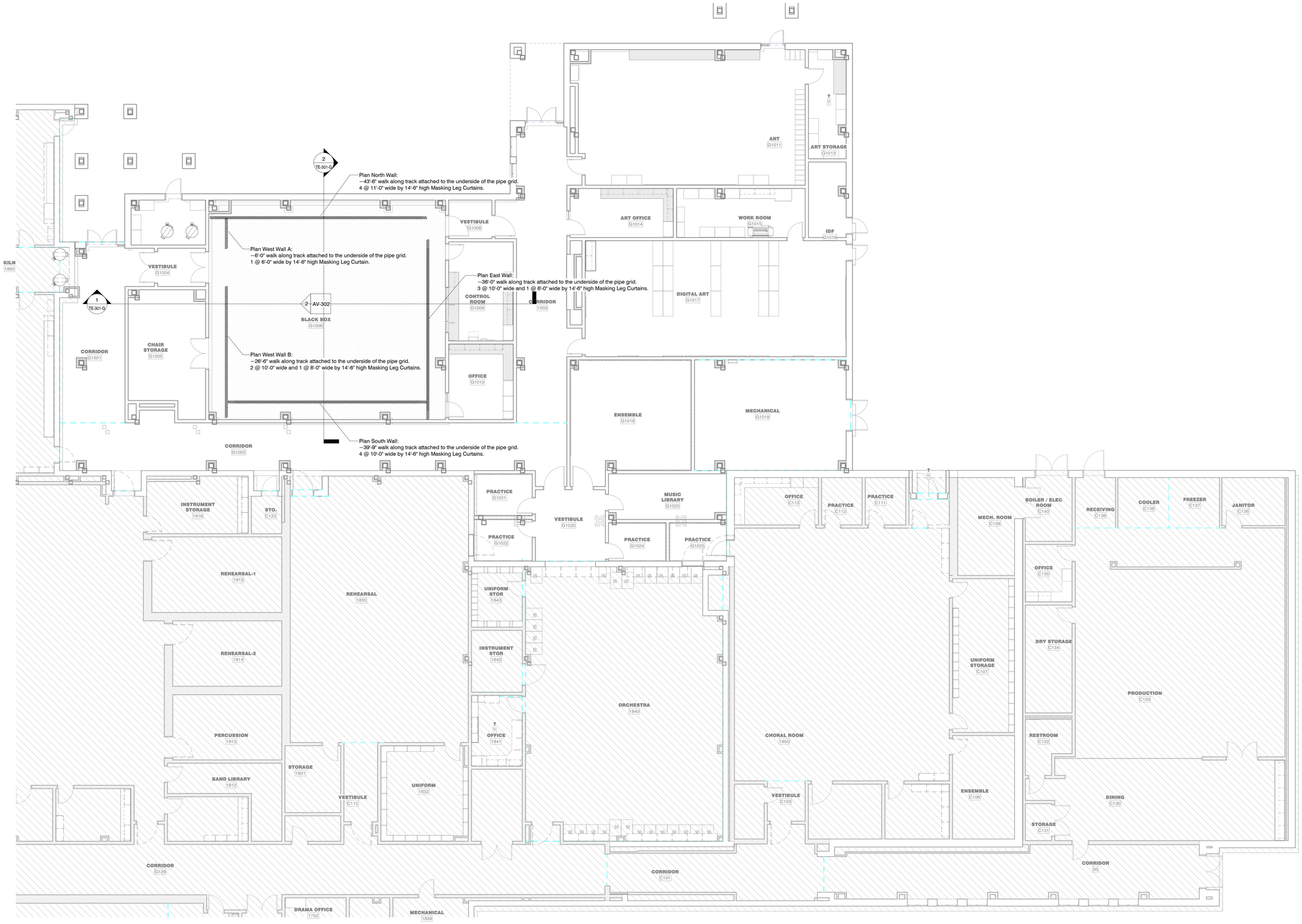

1 **TE - FLOOR PLAN - AREA G**
SCALE: 1/8" = 1'-0"

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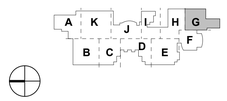
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

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TE - FLOOR PLAN - AREA G

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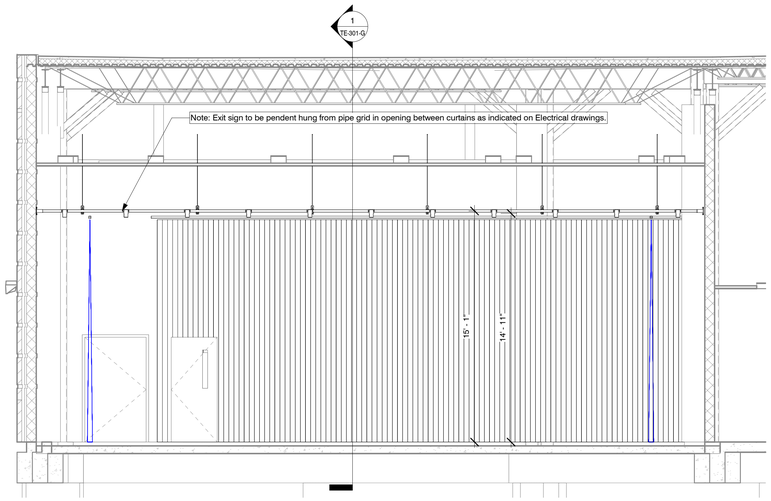
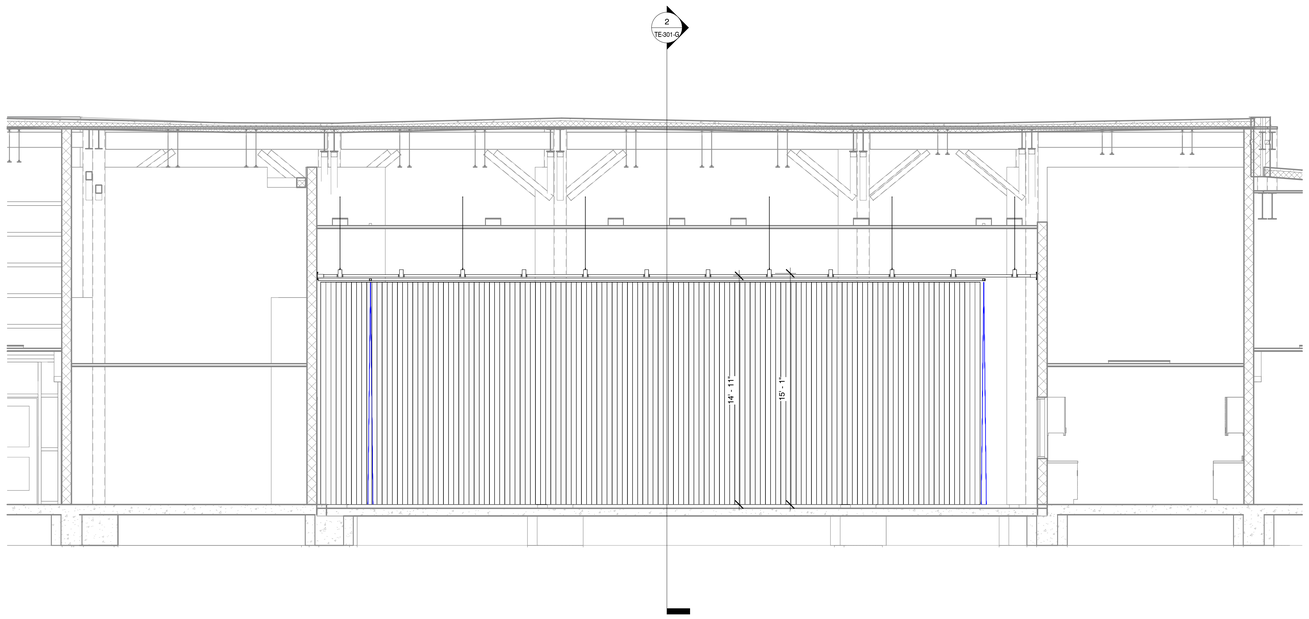


2 TE - BLACK BOX TRANSVERSE
SCALE: 1/4" = 1'-0"



1 TE - BLACK BOX CENTERLINE
SCALE: 1/4" = 1'-0"

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- Theatrical Rigging contractor to verify the load capacity of the structure with the project structural engineer.

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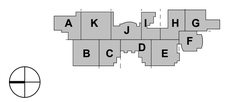

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SHEET NAME
TE - SECTIONS - AREA G

SHEET NUMBER
TE-301-G

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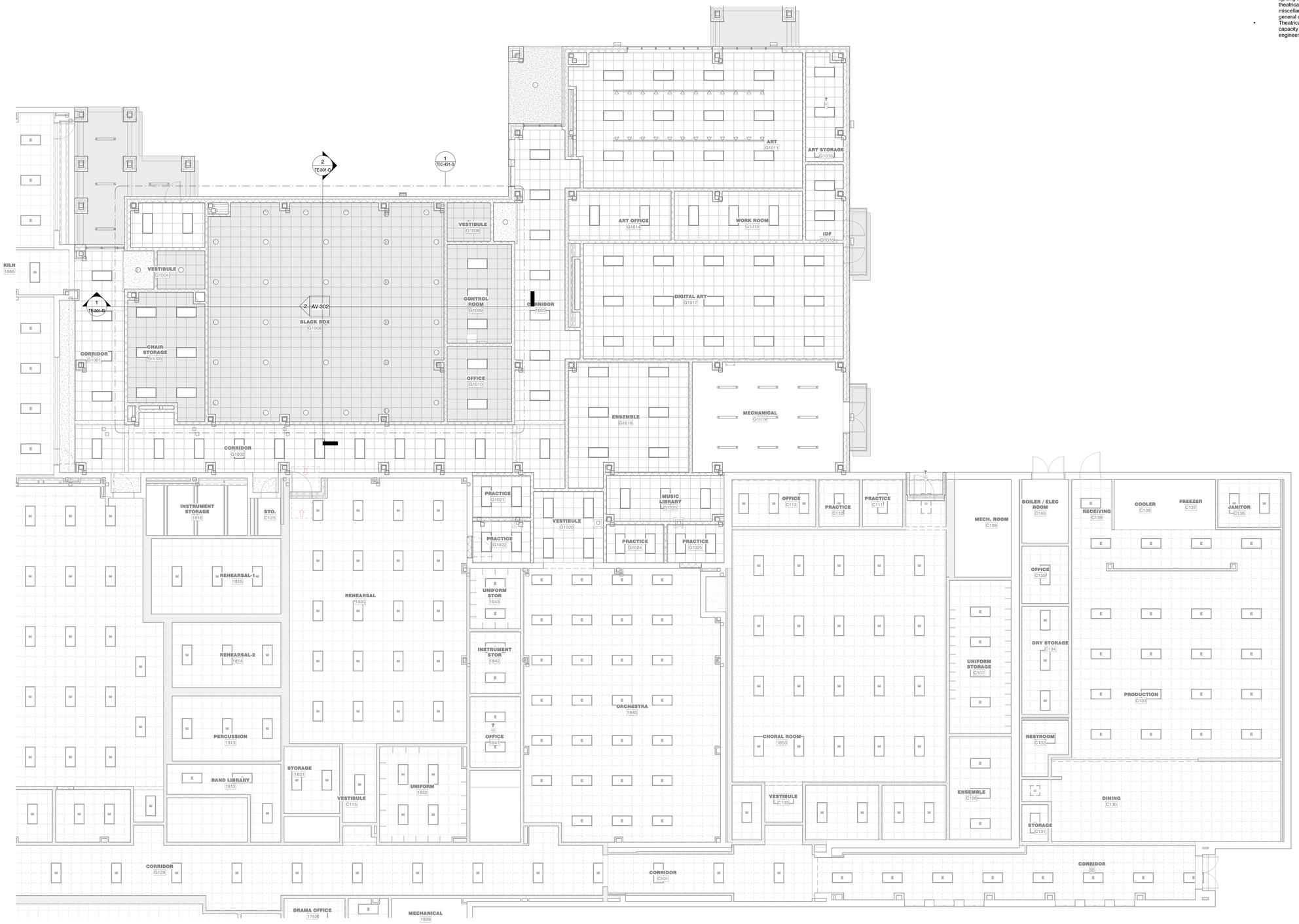

1 **TE - REFLECTED CEILING PLAN - AREA G**
SCALE: 1/8" = 1'-0"

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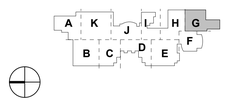

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TE - REFLECTED CEILING PLAN - AREA G

SHEET NUMBER
TEC-401-G

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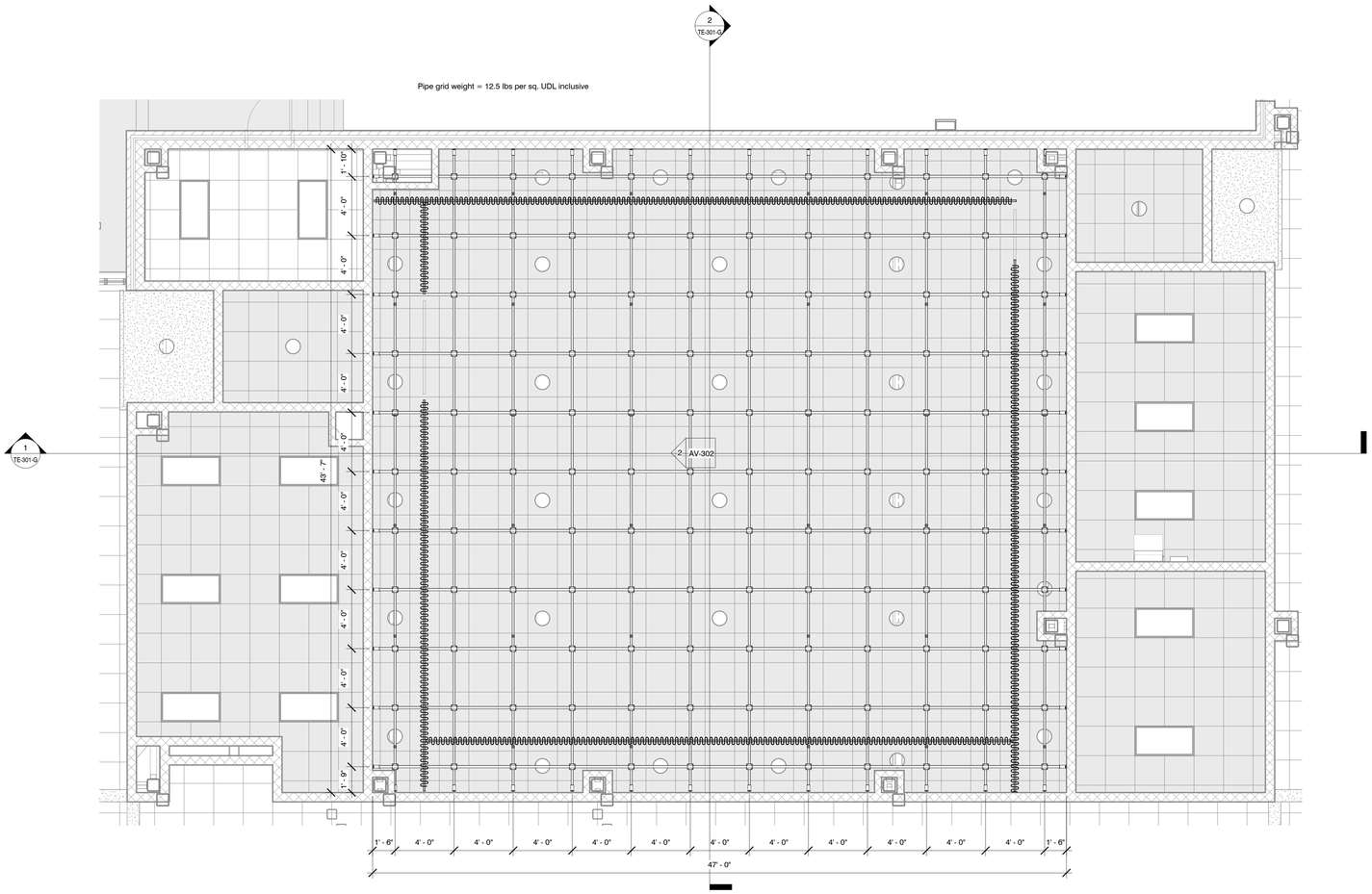

1 **TE - ENLARGED REFLECTED CEILING PLAN - AREA G**
SCALE: 1/4" = 1'-0"

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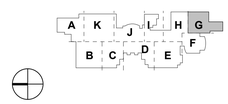

REVISION HISTORY

REVISION	DESCRIPTION	DATE

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SHEET NAME
TE - ENLARGED REFLECTED CEILING PLAN - AREA G

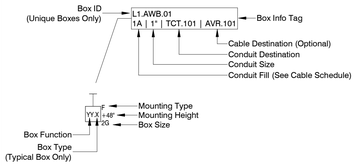
SHEET NUMBER
TEC-451-G

TL Symbols	Description
YY Mounting Type / Mounting Height / Box Size	Unique Wall-Mounted Box (Symbol denotes Junction Box)
YY Box Size	Unique Floor-Mounted Box (Symbol denotes Junction Box)
YY Mounting Type / Box Size	Unique Wall-Mounted Box (Symbol denotes Junction Box)
YY.X Mounting Type / Mounting Height / Box Size	Typical Wall-Mounted Box (Symbol denotes Junction Box, Conduit, Cable, and Device)
YY.X Mounting Type / Mounting Height / Box Size	Typical Floor/Ceiling-Mounted Box (Symbol denotes Junction Box, Conduit, Cable, and Device)

Box Function (YY):

Es	Entry Station
Fb	Floor Box
iO	Input/Output
Pb	Pipe Mount Box
UI	User Interface
Wb	Wall Box

Example & Nomenclature



Mounting Height:
Height shown is from finish floor (AFF) to center of installed box UON.

Mounting Type:
F = Flush Mount
S = Surface Mount
SR = Semi-Recessed Mount
PM = Pedestal Mount

Box Size:
If a standard trade size, size is given in number of gangs (#G), or inches. If a custom size, "C" is shown. See box schedule(s) for additional information.

Box ID Nomenclature:

Group.(BoxStyle).Box#

Group Designators:

L1	Level 1
L2	Level 2
L3	Level 3

Box Style:

LFB	Lighting Floor Box
LWP	Lighting Wall Panel
LJB	Lighting Junction Box
LER	Lighting Equipment Rack
LRP	Lighting Relay Panel
LPB	Lighting Pipe Box
LDS	Lighting Distribution Strip
LCS	Lighting Company Switch
LCP	Lighting Ceiling Pocket / Panel
LTS	Lighting Emergency Transfer Switch
LBC	Lighting DMX Emergency Bypass Controller
LDK	Lighting Emergency Bypass Detection Kit

Conduit Destination:
AC = Accessible Ceiling
CT = Cable Tray

Cable Destination:
Cable Destination = Conduit Destination if Cable Destination not shown.

1 TL Plan Symbols

SCALE: 1/4" = 1'-0"

1. All 120V, 20A utility circuits to terminate in a NEMA 5-20R duplex UON.
2. All 208V, 20A utility circuits to terminate in a NEMA L6-20R UON.
3. All 208V, 30A utility circuits to terminate in a NEMA L6-30R UON.
4. All 2.4kw dimmable circuits to terminate in a 20-2P&GF-flush receptacle UON.
5. All 6.0kw dimmable circuits to terminate in a 60-2P&GF-flush receptacle UON.
6. Leave 18" service loop at all LWB, LFB, LPB, LCS, LJB, LDOS and LACR locations for control cables UON.
7. Leave 18" service loop at all LWB, LFB, LPB, LCS and LJB locations for power cables UON.
8. Leave 84" service loop at all LDR locations for control cables UON.
9. All control and power cables shall be labeled with a unique identifier which shall be noted on all drawings to allow for proper identification by all parties concerned.
10. All control cable terminations shall be completed by the theatrical lighting supplier in accordance with the device manufacturer's recommendations. All network connections to be terminated per TIA/EIA 568B standards. All cables shall be cut to proper length and bundled with all labels clearly visible in order to allow for easy identification.
11. All power cable terminations shall be completed by the electrical contractor in accordance with the device manufacturer's recommendations. All cables shall be cut to proper length and bundled with all labels clearly visible in order to allow for easy identification.
12. Each dimmable circuit shall have individual hot and neutral conductors. These shall be sized to meet all applicable national, state and local electrical codes.
13. Each dimmable circuit shall be properly grounded to the circuit distribution device within which it is located. All ground conductors for individual distribution devices shall be sized to meet all applicable national, state and local electrical codes.
14. All mounting height dimensions are to the center of the box UON.

2 General Notes

SCALE: 12" = 1'-0"

1. All systems wiring will be in conduit unless approved by the Consultant or otherwise noted on drawings.
2. There are minimum conduit separations that must be maintained between conduits carrying wire of different signal groups. It is important to note that while different signals may exist in a single box, it is not appropriate to run more than one signal group in a single conduit. Refer to tables below for conduit separation distances.
3. It will be necessary at times for conduits of different signal groups to cross in close proximity. The conduit paths must be designed to cross at 90 degrees to each other.
4. The minimum conduit size shall be 3/4" and the conduit should be sized for max. 40% fill, or less if required by prevailing code.
5. Per TIA 569-E, indoor conduit runs shall have access to a pull box every 100' if there are more than (2) 90-degree bends. Pull boxes shall be placed in a straight section of the conduit.
6. Conduit for Outside Plant (OSP) optical fiber should have pull boxes placed at intervals no greater than 300'.
7. Conduit bend radius will be no less than 6 times the diameter for conduits less than 2"Ø , and no less than 10 times the diameter for conduits greater than 2"Ø .
8. The design will require pull lines to be left in all conduit by the Contractor installing the conduit.
9. The conduit system shall incorporate additional pull boxes as required to match the pull tensions of the wiring to be installed.
10. The installing contractor shall determine from the cable specifications the appropriate pull tensions, and lubricate to ensure that the cable insulation will not be abraded or cut during installation.
11. Signal conduits should be mechanically and electrically connected to the receptacle boxes. These conduits and boxes should connect to the building safety grounding system.
12. PVC conduit may only be used in underground applications. Segments of conduit passing through an electrical or mechanical room shall be rigid. All other conduit to be EMT unless otherwise noted.
13. The tables below define minimum spacing requirements for conduits containing different types and levels of audio, video and communication signals that will be part of the complete systems. It is important that each group be installed in raceways discreet from other group levels.
14. In a situation where there will exist a heavy current demand in adjacent conduits, or where there will be parallel runs >100', there will need to be additional separation between those conduits and the Signal Group A/B/C conduits.
15. Any wiring that is classified within a group can be combined in a raceway carrying other wiring that is in the same group. Common junction boxes/wire raceways that combine different signal groups shall not be used.
16. The different levels of signal grouping are defined as follows:
    Group A - Microphone and other sensitive wiring (0 - 100mV)
    Group B - Line Level wiring (100mV - 10V)
    Group C - Loudspeaker and Control wiring (10V - 70V)

Separations - EMT or Rigid

	Group A	Group B	Group C
Group A	Adjacent	Adjacent	3"
Group B	Adjacent	Adjacent	3"
Group C	3"	3"	Adjacent
Branch Circuits (<30A)	6"	6"	6"
Branch Circuits (30A - 60A)	6"	6"	6"
Branch Circuits (>60A)	12"	12"	12"
Dimmer Controlled Devices	12"	12"	12"
SCR Controlled Devices	12"	12"	12"
208/480V Feeder Circuits	24"	24"	24"
All Others (Plumbing, Heat, Etc.)	12"	12"	12"

Separations - PVC

	Group A	Group B	Group C
Group A	Adjacent	Adjacent	6"
Group B	Adjacent	Adjacent	6"
Group C	6"	6"	Adjacent
Branch Circuits (<30A)	6"	6"	6"
Branch Circuits (30A - 60A)	6"	6"	6"
Branch Circuits (>60A)	12"	12"	12"
Dimmer Controlled Devices	12"	12"	12"
SCR Controlled Devices	12"	12"	12"
208/480V Feeder Circuits	24"	24"	24"
All Others (Plumbing, Heat, Etc.)	12"	12"	12"

3 Conduit Notes

SCALE: 12" = 1'-0"

Lighting Cable Schedule

Name	Manufacturer	Standard Part Number	Application	Description	Nominal OD (in)	Nominal OD (mm)	Signal Group
A	Belden	1583A	DMX-512 or Network Control	4 PR #24 AWG Solid Twisted Pairs PVC Jacket Unshielded	0.195	4.95	B
B	Belden	1533R	DMX-512 or Network Control	4 PR #24 AWG Solid Twisted Pairs PVC Jacket Overall Sheild with Drain Wire	0.26	6.6	B
C	Belden	9729	DMX-512 Control	2 Shielded PR #24 AWG Stranded Twisted PVC Jacket	0.266	6.76	B
D	Belden	8471	Architectural Control	1 PR #16 AWG Stranded Twisted. PVC Jacket Unshielded	0.274	6.96	B
E	Carol	76812-06	Architectural Control Ground	#14 AWG Stranded Green PVC Jacket Unshielded	0.136	3.45	B
F	Carol	76512-01/03	Architectural Control Power or 0-10VDC Control	2 #16 AWG Stranded PVC Jacket Black/Red Unshielded	0.174	4.42	B
G	Belden	B9C039T	Multi-Mode Fiber	OM3 50/125 Six Strand Multimode Fiber	0.22	5.59	B

4 TL Cable Schedule

SCALE: 12" = 1'-0"

TL Scope of Work

	Category	Description	Other	11 61 00
1	Power	Determine the size and quantity of all high voltage cable per appplicable code(s).	DIV 26	X
2	Power	Provide all 120V and 208V dimmable/utility distribution circuits, and all 120V and 120/208V feeder circuits for the theatrical/architectural lighting systems.	DIV 26	
3	Power	Terminate all high voltage cabling.	DIV 26	
4	Power	Provide all conduit, wire, boxes , wireways, cabletrays, power distribution equipment, and transformers required for the theatrical/architectural lighting systems.	DIV 26	
5	Power	Furnish all theatrical lighting connector strips and pipe mount boxes with mounting hardware, floor boxes, wall panels/boxes, gridiron junction boxes, dimmer racks and control electronic racks.		X
6	Power	Install all theatrical lighting connector strips, pipe mount boxes, floor boxes, wall panels/boxes, gridiron junction boxes, dimmer racks and control electronic racks provided by the 11 61 00 contractor.	DIV 26	
7	Control	Verify all low voltage cable types with the 11 61 00 contractor before installation.	DIV 26	
8	Control	Provide all low voltage cables as required.	DIV 26	
9	Control	Provide all low voltage control face panels (eg DMX, RFU, Architectural etc.), control electronics and dimmer modules.		X
10	Control	Terminate all theatrical/architectural lighting system (including fixtures) low voltage control cables in accordance with the manufacturer's specifications. All network connections to be terminated per TIA/EIA 568 B standards.		X
11	Control	Qualify all network circuits for full duplex 100BASE - TX operation. Qualification to take place after all building systems are energized and operational.		X
12	Control	Provide all lighting control consoles and related equipment during the system turn on period.		X
13	Structural	Provide a set of support pipes (if specified) for the theatrical lighting instruments sized for 30 lbs per linear foot above pipe weight.		X
14	Structural	Provide miscellaneous steel as required for support of theatrical/architectural lighting system components. Lighting contractor to detail requirements.	DIV 5	

Terms and Definitions:

Provide = Supply and install equipment
Furnish = Supply to another contractor for installation
Install = Install equipment provided by another contractor

High Voltage = >100V

5 Division of Responsibilities

SCALE: 12" = 1'-0"

COMMON ARCHITECTURAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BOT	BOTTOM
CLG	CEILING
COL	COLUMN
CONT	CONTINUOUS
DIA	DIAMETER
DIM(S)	DIMENSION(S)
DN	DOWN
DWG	DRAWING
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR
FLR	FLOOR
GA	GAUGE
GWB	GYPSUM WALL BOARD
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
INT	INTERIOR
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
NIC	NOT IN CONTRACT
NOM	NOMINAL
OC	ON CENTER
PVC	POLYVINYL CHLORIDE
RCP	REFLECTED CEILING PLAN
REQD	REQUIRED
RM	ROOM
SIM	SIMILAR
SPEC	SPECIFIED OR SPECIFICATION
STL	STEEL
STRUCT	STRUCTURE OR STRUCTURAL
T&G	TONGUE AND GROOVE
TME	TO MATCH EXISTING
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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
DRAWN BY	**CHECKED BY**
TAC	TAC

ORIGINAL ISSUE

ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME

GENERAL NOTES & LEGENDS

SHEET NUMBER

TL-000

FILE PATH: Autodesk Docs://33AC23221-CFISD - Cy Ridge HS Renovation/33AC23221-AV-NW-R23.rvt
USER NAME:
DATE STAMP: 12/5/2024 9:58:54 AM

TL Box Schedule

Box ID	Sheet Reference	Level	Mounting Height	Flush Mount	Manufacturer	Model	Description	Box Dimensions Height	Box Dimensions Width	Box Dimensions Depth	NEMA Type	Custom Panel	Back Box Supplied By	Back Box Installed By	Panel Supplied By	Panel Installed By	Device Supplied By	Device Installed By	Notes
A.LER.01		Level 1	4' - 0"	No	Middle Atlantic Products	DWR-24-22FD	24 SPACE (42") SECTIONAL WALL RACK, FITS 20" DEEP EQUIPMENT, BLACK FINISH	4' - 1 1/16"	1' - 11 13/32"	1' - 10"		No					11 61 00	11 61 00	
A.LER.02		Level 1	4' - 0"	No	Middle Atlantic Products	DWR-24-22FD	24 SPACE (42") SECTIONAL WALL RACK, FITS 20" DEEP EQUIPMENT, BLACK FINISH	4' - 1 1/16"	1' - 11 13/32"	1' - 10"		No					Existing	Existing	
A.LER.03		Level 1	3' - 0"	No	Pathway Connectivity	1105	eDIN small enclosure, surface mount	1' - 1 3/16"	0' - 10 3/16"	0' - 4 1/2"	1	Yes	11 61 00	26 55 61	N/A	N/A	11 61 00	11 61 00	
A.LPB.01		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					Existing	26 55 61 / 11 61 00	Reuse existing backbox with new Ethercon receptacle plate replacing existing 5pin XLR plate. Existing plate to be salvaged and handed over to owner.
A.LPB.02		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					Existing	26 55 61 / 11 61 00	Reuse existing backbox with new Ethercon receptacle plate replacing existing 5pin XLR plate. Existing plate to be salvaged and handed over to owner.
A.LPB.03		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					Existing	26 55 61 / 11 61 00	Reuse existing backbox with new Ethercon receptacle plate replacing existing 5pin XLR plate. Existing plate to be salvaged and handed over to owner.
A.LPB.04		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	New Ethercon receptacle pipe mount box.
A.LPB.05		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61 / 11 61 00	New Ethercon receptacle pipe mount box.
A.LPB.06		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61 / 11 61 00	New Ethercon receptacle pipe mount box.
A.LPB.07		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61 / 11 61 00	New Ethercon receptacle pipe mount box.
A.LWP.01		Level 1	1' - 6"	Yes	Raco or Equivalent	693	4-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 7 13/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	Reuse existing backbox with new Ethercon receptacle plate replacing existing 5pin XLR plate. Existing plate to be salvaged and handed over to owner.
A.LWP.02		Level 1	1' - 6"	Yes	Raco or Equivalent	693	4-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 7 13/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	Reuse existing backbox with new Ethercon receptacle plate replacing existing 5pin XLR plate. Existing plate to be salvaged and handed over to owner.
A.LWP.03		Level 1	3' - 0"	Yes	Raco or Equivalent	692	3-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 5 19/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	Reuse existing backbox with new Ethercon receptacle plate replacing existing 5pin XLR plate. Existing plate to be salvaged and handed over to owner.
A.LWP.04		Level 1	1' - 6"	Yes	Raco or Equivalent	692	3-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 5 19/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	Reuse existing backbox with new Ethercon receptacle plate replacing existing 5pin XLR plate. Existing plate to be salvaged and handed over to owner.
A.LWP.05		Level 1	1' - 6"	No	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	26 55 61	26 55 61	11 61 00	11 61 00	N/A	N/A	New backbox with new Ethercon receptacle plate.
A.LWP.06		Level 1	1' - 6"	Yes	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	Reuse existing backbox with new Ethercon receptacle plate replacing existing 5pin XLR plate. Existing plate to be salvaged and handed over to owner.
A.LWP.16		Level 1	3' - 9"	Yes	Hoffman or Equivalent	ASE8X8X4	Steel junction/pull box with screw cover.	0' - 8"	0' - 8"	0' - 4"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.17		Level 1	3' - 9"	Yes	Hoffman or Equivalent	ASE8X8X4	Steel junction/pull box with screw cover.	0' - 8"	0' - 8"	0' - 4"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.18		Level 1	3' - 9"	Yes	Hoffman or Equivalent	ASE8X8X4	Steel junction/pull box with screw cover.	0' - 8"	0' - 8"	0' - 4"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.19		Level 1	3' - 9"	Yes	Hoffman or Equivalent	ASE8X8X4	Steel junction/pull box with screw cover.	0' - 8"	0' - 8"	0' - 4"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.20		Level 1	3' - 9"	Yes	Hoffman or Equivalent	ASE8X8X4	Steel junction/pull box with screw cover.	0' - 8"	0' - 8"	0' - 4"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.21		Level 1	3' - 9"	Yes	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.22		Level 1	3' - 9"	Yes	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.23		Level 1	3' - 9"	Yes	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.24		Level 1	3' - 9"	Yes	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.25		Level 1	3' - 9"	No	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.26		Level 1	3' - 9"	No	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.27		Level 1	3' - 9"	No	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
A.LWP.28		Level 1	3' - 9"	No	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	Existing	Existing	11 61 00	11 61 00	N/A	N/A	
BB.LER.01		Level 1	3' - 3"	No	Middle Atlantic Products	DWR-24-22FD	24 SPACE (42") SECTIONAL WALL RACK, FITS 20" DEEP EQUIPMENT, BLACK FINISH	4' - 1 1/16"	1' - 11 13/32"	1' - 10"		No					11 61 00	11 61 00	
BB.LPB.01		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.02		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.03		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.04		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.05		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.06		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.07		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.08		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.09		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.10		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.11		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.12		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.13		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.14		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.15		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.16		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.17		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.18		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.19		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.20		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.21		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.22		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.23		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.24		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.25		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.26		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.27		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.28		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LPB.29		Level 1		Yes	Electronic Theatre Controls or Equivalent	9101	Standard surface mount outlet box - 1 outlet.					Yes					11 61 00	26 55 61	
BB.LPB.30		Level 1		Yes	Electronic Theatre Controls or Equivalent	9102	Standard surface mount outlet box - 2 outlets.					Yes					11 61 00	26 55 61 / 11 61 00	
BB.LWP.01		Level 1	1' - 6"	Yes	Raco or Equivalent	691	2-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 3 25/32"	0' - 2 1/2"	1	Yes	26 55 61	26 55 61	11 61 00	11 61 00	N/A	N/A	
BB.LWP.02		Level 1	1' - 6"	Yes	Raco or Equivalent	691	2-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 3 25/32"	0' - 2 1/2"	1	Yes	26 55 61	26 55 61	11 61 00	11 61 00	N/A	N/A	
BB.LWP.03		Level 1	1' - 6"	Yes	Raco or Equivalent	691	2-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 3 25/32"	0' - 2 1/2"	1	Yes	26 55 61	26 55 61	11 61 00	11 61 00	N/A	N/A	
BB.LWP.04		Level 1	1' - 6"	Yes	Raco or Equivalent	691	2-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 3 25/32"	0' - 2 1/2"	1	Yes	26 55 61	26 55 61	11 61 00	11 61 00	N/A	N/A	
BB.LWP.05		Level 1	1' - 6"	Yes	Raco or Equivalent	691	2-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 3 25/32"	0' - 2 1/2"	1	Yes	26 55 61	26 55 61	11 61 00	11 61 00	N/A	N/A	
BB.LWP.06		Level 1	3' - 9"	Yes	Raco or Equivalent	692	3-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 5 19/32"	0' - 2 1/2"	1	Yes	11 61 00	26 55 61	11 61 00	11 61 00	N/A	N/A	Wall mounted touchscreen
BB.LWP.07		Level 1	3' - 9"	Yes	Raco or Equivalent	691	2-Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 3 25/32"	0' - 2 1/2"	1	Yes	26 55 61	26 55 61	11 61 00	11 61 00	N/A	N/A	2 button wall station plus access controller
BB.LWP.08		Level 1	3' - 9"	Yes	Raco or Equivalent	690	Single Gang welded steel electrical box, 2.5" depth.	0' - 3 3/4"	0' - 1 31/32"	0' - 2 1/2"	1	Yes	26 55 61	26 55 61	11 61 00	11 61 00	N/A	N/A	2 button wall station

TL Pull Schedule

Mark	Level	Conduit 1 Fill	Conduit 1 Size	Conduit 1 Destination
A.LER.01	Level 1			
A.LER.02	Level 1	1A, 1D, 1E	Existing	A.LER.01
A.LER.03	Level 1	1A	Existing	A.LER.02
A.LPB.01	Level 1	1A	3/4"	A.LER.02
A.LPB.02	Level 1	1A	3/4"	A.LER.02
A.LPB.03	Level 1	1A	3/4"	A.LER.02
A.LPB.04	Level 1	1A	Portable Cable	A.LER.02
A.LPB.05	Level 1	1A	Portable Cable	A.LER.02
A.LPB.06	Level 1	1A	Portable Cable	A.LER.02
A.LPB.07	Level 1	1A	Portable Cable	A.LER.02
A.LWP.01	Level 1	3A	3/4"	A.LER.03
A.LWP.02	Level 1	3A	Existing	A.LER.02
A.LWP.03	Level 1	1A	Existing	A.LER.02
A.LWP.04	Level 1	1A	Existing	A.LER.02
A.LWP.05	Level 1	1A	3/4"	A.LER.02
A.LWP.06	Level 1	1A	Existing	A.LER.02 (via A.LWP.03)
A.LWP.16	Level 1	1D, 1E	Existing	A.LWP.18
A.LWP.17	Level 1	1D, 1E	Existing	A.LWP.16
A.LWP.18	Level 1	1D, 1E	Existing	A.LER.01
A.LWP.19	Level 1	1D, 1E	Existing	A.LWP.17
A.LWP.20	Level 1	1D, 1E	Existing	A.LER.01
A.LWP.21	Level 1	1D, 1E	Existing	A.LWP.24
A.LWP.22	Level 1	1D, 1E	Existing	A.LER.02
A.LWP.23	Level 1	1D, 1E	Existing	A.LWP.25
A.LWP.24	Level 1	1D, 1E	Existing	A.LER.02
A.LWP.25	Level 1	1D, 1E	Existing	A.LER.02
A.LWP.26	Level 1	1D, 1E	Existing	A.LWP.27
A.LWP.27	Level 1	1D, 1E	Existing	A.LWP.22
A.LWP.28	Level 1	1D, 1E	Existing	A.LWP.26
BB.LER.01	Level 1			
BB.LPB.01	Level 1	1A	3/4"	BB.LER.01
BB.LPB.02	Level 1			
BB.LPB.03	Level 1	1A	3/4"	BB.LER.01
BB.LPB.04	Level 1	1A	3/4"	BB.LER.01
BB.LPB.05	Level 1			
BB.LPB.06	Level 1	1A	3/4"	BB.LER.01
BB.LPB.07	Level 1			
BB.LPB.08	Level 1	1A	3/4"	BB.LER.01
BB.LPB.09	Level 1			
BB.LPB.10	Level 1			
BB.LPB.11	Level 1	1A	3/4"	BB.LER.01
BB.LPB.12	Level 1			
BB.LPB.13	Level 1	1A	3/4"	BB.LER.01
BB.LPB.14	Level 1			
BB.LPB.15	Level 1	1A	3/4"	BB.LER.01
BB.LPB.16	Level 1	1A	3/4"	BB.LER.01
BB.LPB.17	Level 1			
BB.LPB.18	Level 1	1A	3/4"	BB.LER.01
BB.LPB.19	Level 1			
BB.LPB.20	Level 1	1A	3/4"	BB.LER.01
BB.LPB.21	Level 1			
BB.LPB.22	Level 1			
BB.LPB.23	Level 1	1A	3/4"	BB.LER.01
BB.LPB.24	Level 1			
BB.LPB.25	Level 1	1A	3/4"	BB.LER.01
BB.LPB.26	Level 1			
BB.LPB.27	Level 1	1A	3/4"	BB.LER.01
BB.LPB.28	Level 1	1A	3/4"	BB.LER.01
BB.LPB.29	Level 1			
BB.LPB.30	Level 1	1A	3/4"	BB.LER.01
BB.LWP.01	Level 1	1A	3/4"	BB.LER.01
BB.LWP.02	Level 1	1A	3/4"	BB.LER.01
BB.LWP.03	Level 1	1A	3/4"	BB.LER.01
BB.LWP.04	Level 1	1A	3/4"	BB.LER.01
BB.LWP.05	Level 1	1A	3/4"	BB.LER.01
BB.LWP.06	Level 1	1A, 1D, 1E, 1F	3/4"	BB.LER.01
BB.LWP.07	Level 1	1D, 1E, 1F	3/4"	BB.LWP.08
BB.LWP.08	Level 1	1D, 1E, 1F	3/4"	BB.LER.01

TL Electrical Equipment Schedule

Mark	Level	Manufacturer	Model	Description	Dimensions Height	Dimensions Width	Dimensions Depth	Device Installed By	Device Provided By
BB.LRP.01	Level 1	Electronic Theatre Controls	Unison Echo Relay Panel	The Unison Echo Relay Panel is a control-oriented power center built with today and tomorrow's lighting loads in mind. It offers 24-relay poles with integral branch breakers, power-usage reporting and sophisticated control inputs. With built in station, sensor, DMX, and timeclock controls with optional Ethernet connectivity, 0-10V and line voltage dimming, DALI output and Contact inputs, the Echo Relay Panel integration opportunities are limitless.	5' - 8"	1' - 2 1/4"	0' - 4 1/4"	26 55 61 / 11 61 00	11 61 00
BB.LDK.01	Level 1	Electronic Theatre Controls, Inc.	Emergency Bypass Detection Kit	Wall-Mounted Detection Kit					
BB.LBC.01	Level 1	Electronic Theatre Controls, Inc.	DMX Bypass Detection Kit	Wall-Mounted Detection Kit					
A.LRP.01	Level 1	Electronic Theatre Controls	Unison Echo Relay Panel	The Unison Echo Relay Panel is a control-oriented power center built with today and tomorrow's lighting loads in mind. It offers 24-relay poles with integral branch breakers, power-usage reporting and sophisticated control inputs. With built in station, sensor, DMX, and timeclock controls with optional Ethernet connectivity, 0-10V and line voltage dimming, DALI output and Contact inputs, the Echo Relay Panel integration opportunities are limitless.	5' - 8"	1' - 2 1/4"	0' - 4 1/4"	26 55 61 / 11 61 00	11 61 00
A.LDR.01	Level 1	ETC	SR3-48	Sensor3 48-module dimming rack.	6' - 11 3/32"	1' - 2 19/32"	1' - 10 13/16"		
A.LDR.02	Level 1	ETC	SR3-48	Sensor3 48-module dimming rack.	6' - 11 3/32"	1' - 2 19/32"	1' - 10 13/16"		
A.LDR.03	Level 1	ETC	SR3-48	Sensor3 48-module dimming rack.	6' - 11 3/32"	1' - 2 19/32"	1' - 10 13/16"		
A.LBK.01	Level 1	Electronic Theatre Controls, Inc.	Emergency Bypass Detection Kit	Wall-Mounted Detection Kit					
A.LBC.01	Level 1	Electronic Theatre Controls, Inc.	DMX Bypass Detection Kit	Wall-Mounted Detection Kit					

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REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER 33AC23221
ABBREVIATION CFISD
DRAWN BY TAC
CHECKED BY TAC

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TL - SCHEDULES

SHEET NUMBER
TL-001

DIMMER RACK A.LDR-01:

RACK DIM #	RACK SLOT #	PHASE	DISTRO CKT #	POSITION	DISTRIBUTION DEVICE	MODULE TYPE
1	1	A	1	FOH Electric Catwalk	PB-1, PB-7	D20E
2			2	"	"	
3	17	B	3	"	"	D20E
4			4	"	"	
5	33	C	5	"	PB-2, PB-8	D20E
6			6	"	"	
7	2	A	7	"	"	D20E
8			8	"	"	
9	18	B	9	"	PB-3, PB-9	D20E
10			10	"	"	
11	34	C	11	"	"	D20E
12			12	"	"	
13	3	A	13	"	PB-4, PB-10	D20E
14			14	"	"	
15	19	B	15	"	"	D20E
16			16	"	"	
17	35	C	17	"	PB-5, PB-11	D20E
18			18	"	"	
19	4	A	19	"	"	D20E
20			20	"	"	
21	20	B	21	"	PB-6, PB-12	D20E
22			22	"	"	
23	36	C	23	"	"	D20E
24			24	"	"	
25	5	A	25	1st Electric	Pigtails	D20E
26			26	"	"	
27	21	B	27	"	"	D20E
28			28	"	"	
29	37	C	29	"	"	D20E
30			30	"	"	
31	6	A	31	"	"	D20E
32			32	"	"	
33	22	B	33	"	"	D20E
34			34	"	"	
35	38	C	35	"	"	D20E
36			36	"	"	
37	7	A	37	"	"	D20E
38			38	2nd Electric	Pigtails	
39	23	B	39	"	"	D20E
40			40	"	"	
41	39	C	41	"	"	D20E
42			42	"	"	
43	8	A	43	"	"	D20E
44			44	"	"	
45	24	B	45	"	"	D20E
46			46	"	"	
47	40	C	47	"	"	D20E
48			48	"	"	
49	9	A	49	"	"	D20E
50			50	"	"	
51	25	B	51	3rd Electric	Pigtails	D20E
52			52	"	"	
53	41	C	53	"	"	D20E
54			54	"	"	
55	10	A	55	"	"	D20E
56			56	"	"	
57	26	B	57	"	"	D20E
58			58	"	"	
59	42	C	59	"	"	D20E
60			60	"	"	
61	11	A	61	"	"	D20E
62			62	"	"	
63	27	B	63	"	"	D20E
64			64	4th Electric	Pigtails	
65	43	C	65	"	"	D20E
66			66	"	"	
67	12	A	67	"	"	D20E
68			68	"	"	
69	28	B	69	"	"	D20E
70			70	"	"	
71	44	C	71	"	"	D20E
72			72	"	"	
73	13	A	73	"	"	D20E
74			74	DSL & DSR Pipe Boxes	DSL & DSR Pipe Boxes	
75	29	B	75	"	"	R20AF
76			76	"	"	
77	45	C	77	"	"	D20E
78			78	MSL & MSR Pipe Boxes	MSL & MSR Pipe Boxes	
79	14	A	79	"	"	R20AF
80			80	"	"	
81	30	B	81	"	"	D20E
82			82	USL & USR Pipe Boxes	USL & USR Pipe Boxes	
83	46	C	83	"	"	R20AF
84			84	"	"	
85	15	A	85	"	"	D20E
86			86	1st Electric	Repeated Pigtails	
87	31	B	87	"	"	R20AF
88			88	"	"	
89	47	C	89	"	"	D20E
90			90	"	"	
91	16	A	91	"	"	R20AF
92			92	"	"	
93	32	B	93	"	"	D20E
94			94	"	"	
95	48	C	95	"	"	R20AF
96			96	"	"	

DIMMER RACK A.LDR-02:

RACK DIM #	RACK SLOT #	PHASE	DISTRO CKT #	POSITION	DISTRIBUTION DEVICE	MODULE TYPE
1	1	A	97	1st Electric	Repeated Pigtails	D20E
2			98	2nd Electric	Repeated Pigtails	
3	17	B	99	"	"	R20AF
4			100	"	"	
5	33	C	101	"	"	D20E
6			102	"	"	
7	2	A	103	"	"	R20AF
8			104	"	"	
9	18	B	105	"	"	D20E
10			106	"	"	
11	34	C	107	"	"	R20AF
12			108	"	"	
13	3	A	109	"	"	D20E
14			110	3rd Electric	Repeated Pigtails	
15	19	B	111	"	"	R20AF
16			112	"	"	
17	35	C	113	"	"	D20E
18			114	"	"	
19	4	A	115	"	"	R20AF
20			116	"	"	
21	20	B	117	"	"	D20E
22			118	"	"	
23	36	C	119	"	"	R20AF
24			120	"	"	
25	5	A	121	"	"	D20E
26			122	4th Electric	Repeated Pigtails	
27	21	B	123	"	"	R20AF
28			124	"	"	
29	37	C	125	"	"	D20E
30			126	"	"	
31	6	A	127	"	"	R20AF
32			128	"	"	
33	22	B	129	"	"	D20E
34			130	"	"	
35	38	C	131	"	"	R20AF
36			132	"	"	
37	7	A	133	"	"	D20E
38			134	"	Cyc Pigtails	
39	23	B	135	"	"	D20E
40			136	"	"	
41	39	C	137	"	"	D20E
42			138	"	"	
43	8	A	139	"	"	D20E
44			140	"	"	
45	24	B	141	"	"	D20E
46			142	"	"	
47	40	C	143	"	"	D20E
48			144	"	"	
49	9	A	145	"	"	D20E
50			146	DSC Wall	DSC Wallbox	
51	25	B	147	"	"	R20AF
52			148	DSL & DSR Walls	DSL & DSR Wallboxes	
53	41	C	149	"	"	D20E
54			150	"	"	
55	10	A	151	"	"	R20AF
56			152	USL & USR Walls	USL & USR Wallboxes	
57	26	B	153	"	"	R20AF
58			154	"	"	
59	42	C	155	"	"	R20AF
60			156	New LED Houselights	New LED Houselights	
61	11	A	157	"	"	R20AF
62			158	"	"	
63	27	B	159	"	"	R20AF
64			160	"	"	
65	43	C	161	"	"	R20AF
66			162	"	"	
67	12	A	163	"	"	R20AF
68			164	"	"	
69	28	B	165	"	"	R20AF
70			166	"	"	
71	44	C	167	"	"	R20AF
72			168	"	"	
73	13	A	169	"	"	R20AF
74			170	"	"	
75	29	B	171	"	"	R20AF
76			172	"	"	
77	45	C	173	"	"	R20AF
78			174	"	"	
79	14	A	175	"	"	R20AF
80			176	"	"	
81	30	B	177	"	"	R20AF
82			178	"	"	
83	46	C	179	"	"	R20AF
84			180	"	"	
85	15	A	181	"	"	R20AF
86			182	"	"	
87	31	B	183	"	"	R20AF
88			184	"	"	
89	47	C	185	"	"	R20AF
90			186	"	"	
91	16	A	187	In-Ground	LED Houselights	R20AF
92			188	"	"	
93	32	B	189	Aislelights?	Houselights	D20E
94			190	"	"	
95	48	C	191	Edgelights?	Houselights	D20E
96			192			

DIMMER RACK A.LDR-03:

RACK DIM #	RACK SLOT #	PHASE	DISTRO CKT #	POSITION	DISTRIBUTION DEVICE	MODULE TYPE
1	1	A	193			AFM
2			194			
3	17	B	195			AFM
4			196			
5	33	C	197			AFM
6			198			
7	2	A	199	FOH Electric Catwalk	HL-PB-1, PB-4	R20AF
8			200	"	HL-PB-2, PB-5	
9	18	B	201	"	HL-PB-3, PB-7	R20AF
10			202	"	HL-PB-6, PB-10	
11	34	C	203	"	HL-PB-8, PB-11	R20AF
12			204	"	HL-PB-9, PB-12	
13	3	A	205			AFM
14			206			
15	19	B	207			AFM
16			208			
17	35	C	209			AFM
18			210			
19	4	A	211			AFM
20			212			
21	20	B	213			AFM
22			214			
23	36	C	215			AFM
24			216			
25	5	A	217			AFM
26			218			
27	21	B	219			AFM
28			220			
29	37	C	221			AFM
30			222			
31	6	A	223			AFM
32			224			
33	22	B	225			AFM
34			226			
35	38	C	227			AFM
36			228			
37	7	A	229			AFM
38			230			
39	23	B	231			AFM
40			232			
41	39	C	233			AFM
42			234			
43	8	A	235			AFM
44			236			
45	24	B	237			AFM
46			238			
47	40	C	239			AFM
48			240			
49	9	A	241			AFM
50			242			
51	25	B	243			AFM
52			244			
53	41	C	245			AFM
54			246			
55	10	A	247			AFM
56			248			
57	26	B	249			AFM
58			250			
59	42	C	251			AFM
60			252			
61	11	A	253			AFM
62			254			
63	27	B	255			AFM
64			256			
65	43	C	257			AFM
66			258			
67	12	A	259			AFM
68			260			
69	28	B	261			AFM
70			262			
71	44	C	263			AFM
72			264			
73	13	A	265			AFM
74			266			
75	29	B	267			AFM
76			268			
77	45	C	269			AFM
78			270			
79	14	A	271			AFM
80			272			
81	30	B	273			AFM
82			274			
83	46	C	275			AFM
84			276			
85	15	A	277			AFM
86			278			
87	31	B	279			AFM
88			280			
89	47	C	281			AFM
90			282			
91	16	A	283			AFM
92			284			
93	32	B	285			AFM
94			286			
95	48	C	287			AFM
96			288			

Relay Panel: A.LRP.01

Location	Amperage	Relay #		Relay #	Amperage	Location
Catwalk HID Left	20A	1		2	20A	Catwalk HID Right
Catwalk HID Ghost	20A	3		4	20A	1E Worklights
2E Worklights	20A	5		6	20A	3E Worklights
Rear Stage Wall	20A	7		8	20A	Lock Rail Index Lights
Load Rail Index Lights	20A	9		10	20A	4E Worklights
Catwalk Worklights	20A	11		12	20A	SL & Loading Gallery...
SR & Corridor...	20A	13		14	20A	Loading Dock Door...
Fly Pit	20A	15		16	20A	
	20A	17		18	20A	
	20A	19		20	20A	
	20A	21		22	20A	
	20A	23		24	20A	

Relay Panel: BB.LRP.01

Location	Amperage	Relay #		Relay #	Amperage	Location
BB.LPB.01 & BB.LPB.02	20A	1		2	20A	BB.LPB.03 & BB.LPB.04
BB.LPB.05 & BB.LPB.06	20A	3		4	20A	BB.LPB.07 & BB.LPB.08
BB.LPB.09 & BB.LPB.10	20A	5		6	20A	BB.LPB.11 & BB.LPB.12
BB.LPB.13 & BB,LPB.14	20A	7		8	20A	BB,LPB.15 & BB.LPB.16
BB.LPB.17 & BB.LPB.18	20A	9		10	20A	BB.LPB.19 & BB.LPB.20
BB.LPB.21 & BB.LPB.22	20A	11		12	20A	BB.LPB.23 & BB.LPB 24
BB.LPB.25 & BB.LPB.26	20A	13		14	20A	BB.LPB.27 & BB.LPB.28
BB.LPB.29 & BB.LPB.30	20A	15		16	20A	BB.LWP.02
BB.LWP.03	20A	17		18	20A	BB.LWP.04
BB.LWP.05	20A	19		20	20A	
	20A	21		22	20A	
	20A	23		24	20A	

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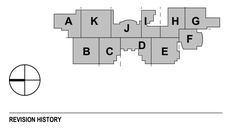

REVISION HISTORY

REVISION	DESCRIPTION	DATE

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT

2024 CY RIDGE HS RENOVATION

7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC22021	CFISD
DRAWN BY	**CHECKED BY**
TAC	TAC

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ISSUE FOR PROPOSALS
DECEMBER 09, 2024

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TL - SCHEDULES

SHEET NUMBER

TL-002

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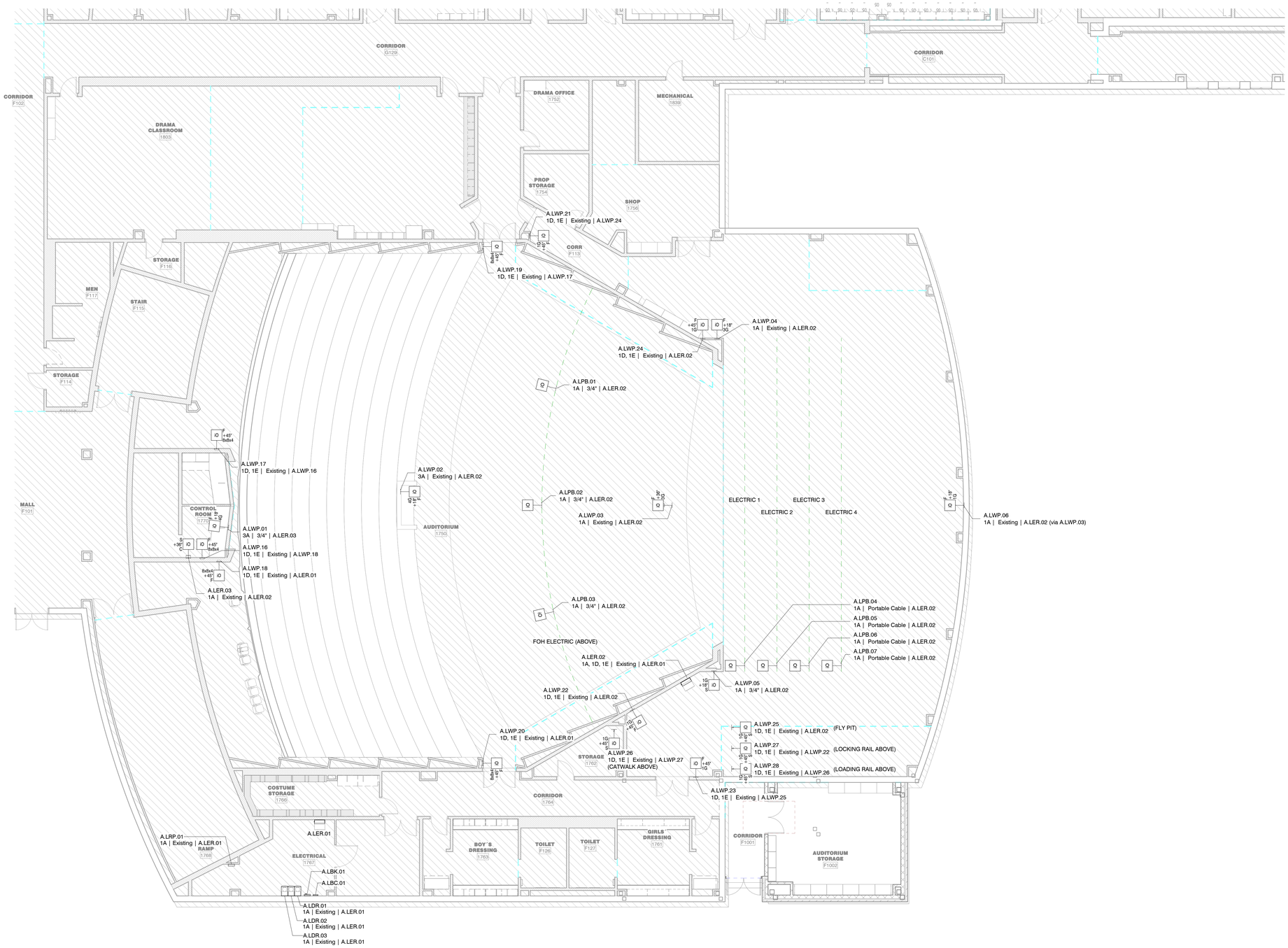

1 **TL - FLOOR PLAN - AREA F**
SCALE: 1/8" = 1'-0"

General Notes:

- All power conduit and fill shown on the "TL" series drawings are for diagrammatic purposes only. Refer to project electrical drawings for sizing and fill requirements.
- Refer to sheet TL0.00 for cable schedule.
- All dimensions shown are for diagrammatic purposes only. Verify all location dimensions with field conditions before construction or installation. Notify Consultant of any changes required.
- Any existing equipment that is not required for the renovation to be salvaged and turned over to owner.
- All power conduit and wire sizing to be determined by EE per NEC and all applicable local codes.
- All cable runs for Type A cable shall not exceed 295 feet.

Drawing Notes:

1. A.LPB.04 thru 07 are portable cable to respective existing junction boxes located at loading rail gallery where it transitions to type "A" cable to A.LER.02.

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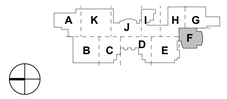

REVISION HISTORY

REVISION	DESCRIPTION	DATE

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PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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TAC	TAC

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ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TL - FLOOR PLAN - AREA F

SHEET NUMBER
TL-101-F

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Keynote Legend

Key	Keynote
TL-01	(1) Dedicated 20A, 120V circuit fed from Lighting Relay Panel.
TL-10	(1) Dedicated 20A, 120V circuit fed from closest electrical panel.
TL-25	(24) Dedicated 20A, 120V feed circuits and (1) Dedicated 20A, 120V power circuit fed from nearest electrical panel.
TL-E1	4-Wire 20A Max. sense feed to engineer specified NORMAL power source.
TL-E2	(1) 20A, 120V circuit to engineer specified EMERGENCY power source.

General Notes:

- All power conduit and fill shown on the "TL" series drawings are for diagrammatic purposes only. Refer to project electrical drawings for sizing and fill requirements.
- Refer to sheet TL0.00 for cable schedule.
- All dimensions shown are for diagrammatic purposes only. Verify all location dimensions with field conditions before construction or installation. Notify Consultant of any changes required.
- All power conduit and wire sizing to be determined by EE per NEC and all applicable local codes.
- All cable runs for Type A cable shall not exceed 295 feet.

1 **TL - FLOOR PLAN - AREA G**
SCALE: 1/8" = 1'-0"

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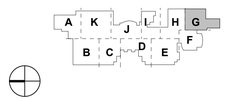
KEYPLAN



REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

CLIENT

CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
Houston, TX 77041

PROJECT NUMBER	ABBREVIATION
33AC23221	CFISD
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TAC	TAC

ORIGINAL ISSUE
ISSUE FOR PROPOSALS
DECEMBER 09, 2024

SHEET NAME
TL - FLOOR PLAN - AREA G

SHEET NUMBER
TL-101-G

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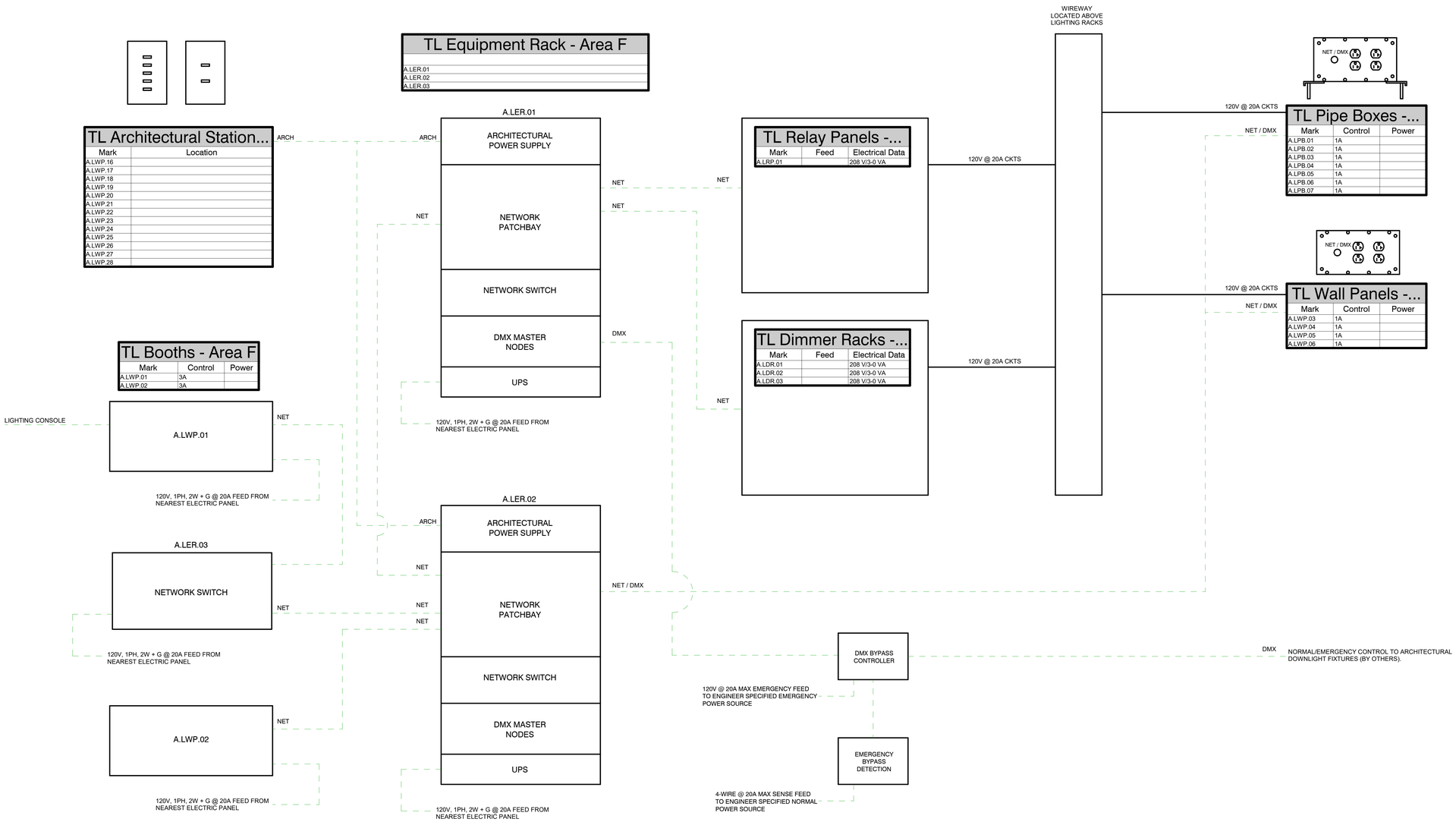

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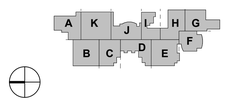

REVISION HISTORY

REVISION	DESCRIPTION	DATE

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CYPRESS-FAIRBANKS INDEPENDENT SCHOOL DISTRICT

PROJECT
2024 CY RIDGE HS RENOVATION
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DECEMBER 09, 2024

SHEET NAME
TL - SCHEMATIC - AREA F

SHEET NUMBER
TL-700-F

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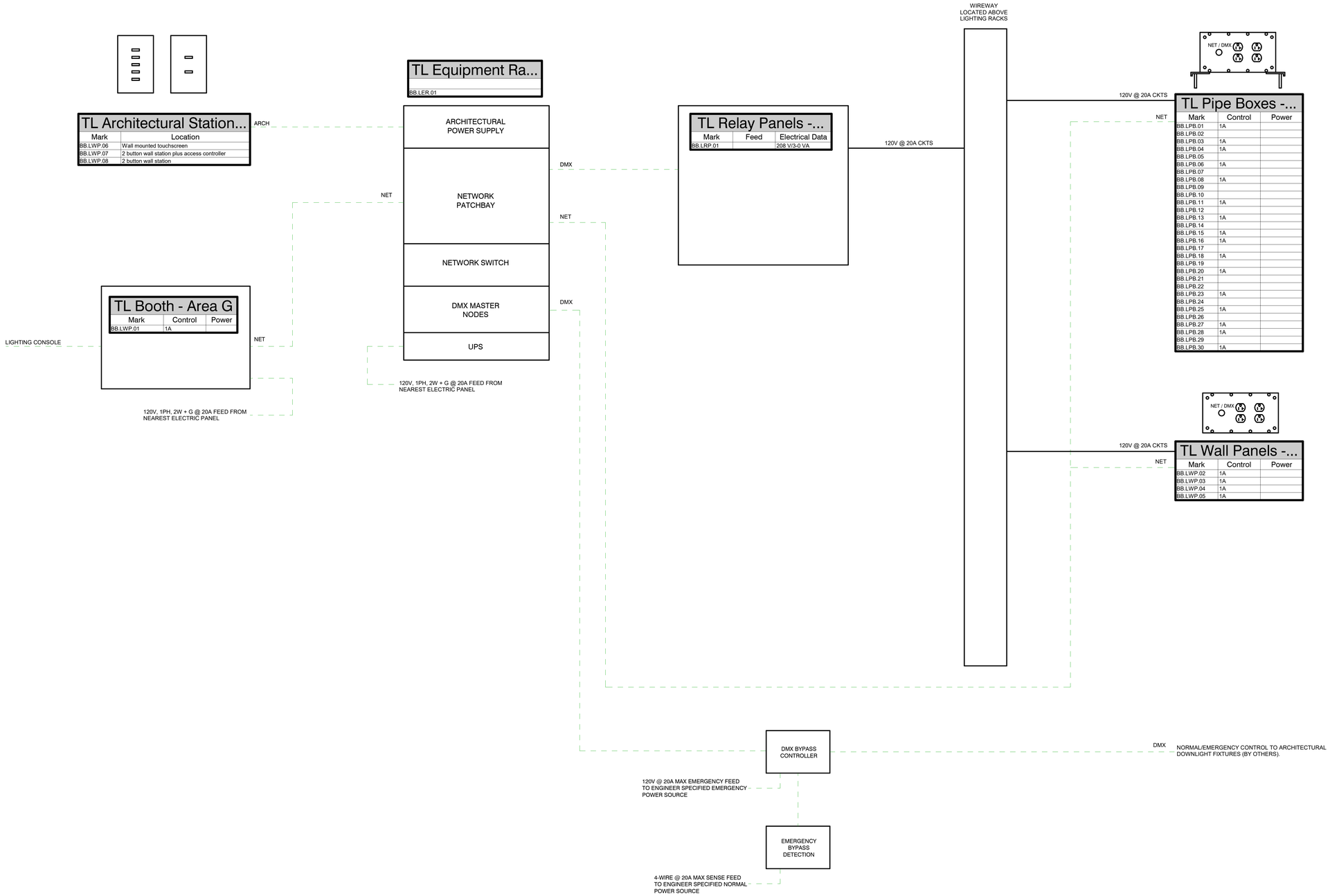

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DECEMBER 09, 2024

SHEET NAME
TL - SCHEMATIC - AREA G

SHEET NUMBER
TL-701-G

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General Notes:

- All power conduit and fill shown on the "TL" series drawings are for diagrammatic purposes only. Refer to project electrical drawings for sizing and fill requirements.
- Refer to sheet TL0.00 for cable schedule.
- All dimensions shown are for diagrammatic purposes only. Verify all location dimensions with field conditions before construction or installation. Notify Consultant of any changes required.
- All power conduit and wire sizing to be determined by EE per NEC and all applicable local codes.
- All cable runs for Type A cable shall not exceed 295 feet.

1 **TL - REFLECTED CEILING PLAN - AREA G**
SCALE: 1/8" = 1'-0"

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REVISION	DESCRIPTION	DATE

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PROJECT
2024 CY RIDGE HS RENOVATION
7900 North Eldridge Parkway
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PROJECT NUMBER	ABBREVIATION
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DECEMBER 09, 2024

SHEET NAME
TL - REFLECTED CEILING PLAN - AREA G

SHEET NUMBER
TLC-401-G

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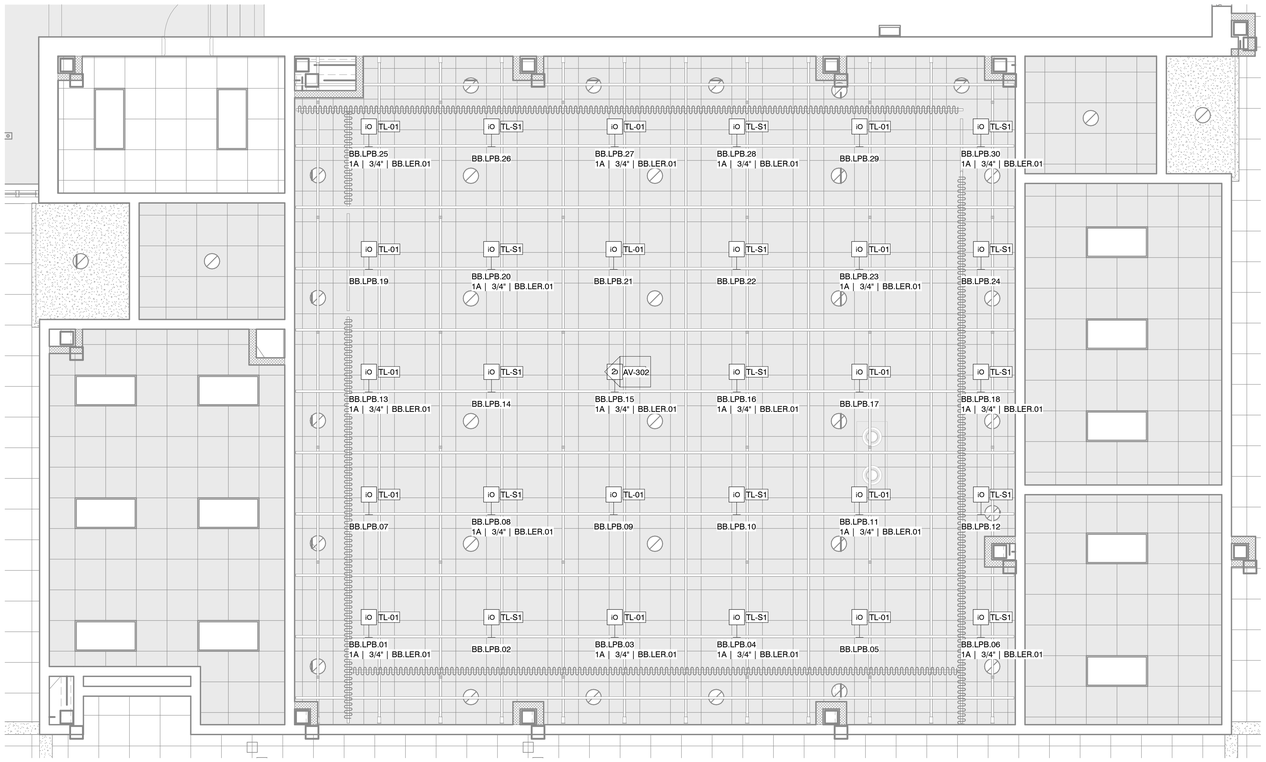
Keynote Legend

Key	Keynote
TL-01	(1) Dedicated 20A, 120V circuit fed from Lighting Relay Panel.
TL-S1	(1) Shared 20A, 120V circuit fed from Lighting Relay Panel. See panel schedule.

General Notes:

- All power conduit and fill shown on the "TL" series drawings are for diagrammatic purposes only. Refer to project electrical drawings for sizing and fill requirements.
- Refer to sheet TL0.00 for cable schedule.
- All dimensions shown are for diagrammatic purposes only. Verify all location dimensions with field conditions before construction or installation. Notify Consultant of any changes required.
- All power conduit and wire sizing to be determined by EE per NEC and all applicable local codes.
- All cable runs for Type A cable shall not exceed 295 feet.



1 **TL - ENLARGED REFLECTED CEILING PLAN - AREA G**
SCALE: 1/4" = 1'-0"

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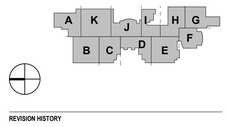
KEYPLAN



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REVISION	DESCRIPTION	DATE

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PROJECT

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TAC	TAC

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DECEMBER 09, 2024

SHEET NAME

TL - ENLARGED REFLECTED CEILING PLAN - AREA G

SHEET NUMBER

TLC-451-G