

2024 BRIDGELAND HS ADDITIONS & RENOVATIONS

CFISD PROPOSAL
NO.: 24-02-5746-R-RFP



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Revision /
Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



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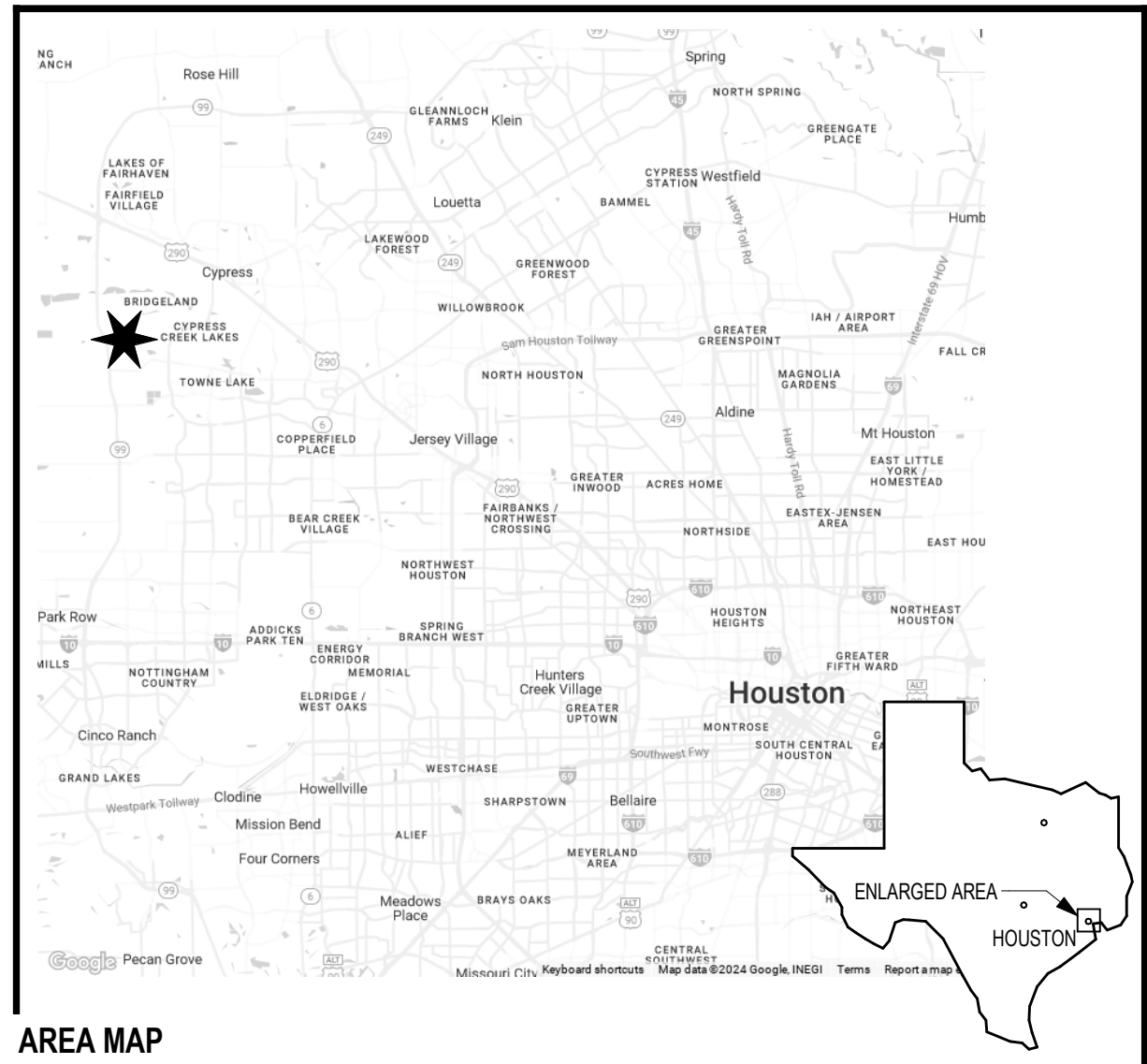
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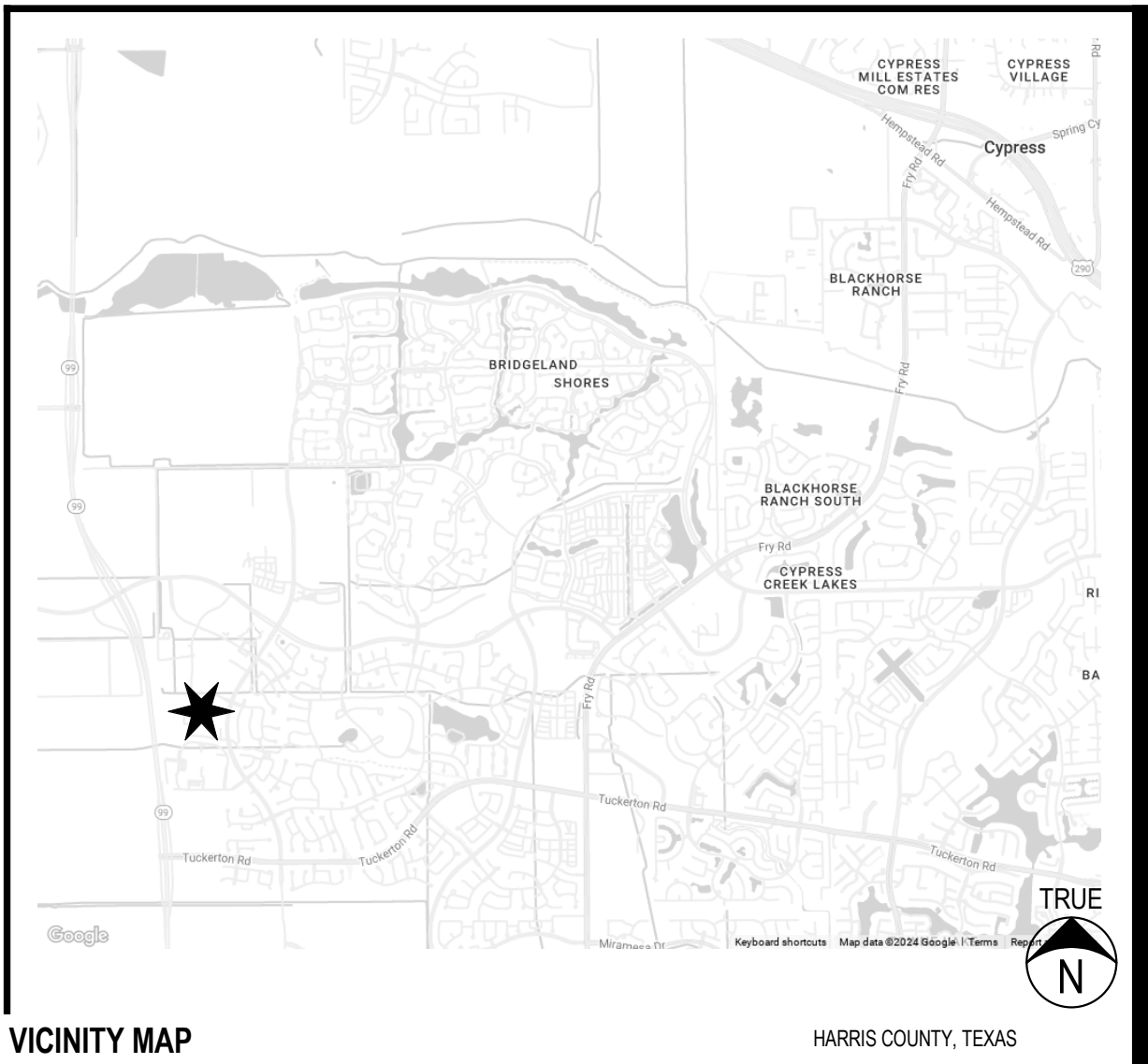
AB	ANCHOR BOLT	JT	JOINT
AC	AIR CONDITIONER	JT(S)	JOIST(S)
ACC	ACCESSIBLE	L	ANGLE
ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT	LAB	LABORATORY
ADA	AMERICANS WITH DISABILITIES ACT / ADA STANDARDS FOR ACCESSIBLE DESIGN (LATEST VERSION)	LAV	LAVATORY
ADONL	ADDITIONAL	LEPC	LOCAL EMERGENCY PLANNING COMMITTEE
ADJ	ADJUSTABLE	LONG	LONGITUDINAL
ADH	ADHESIVE/ADHERE	LVT	LUXURY VINYL TILE
ADMIN	ADMINISTRATION	MAS	MASONRY
AFF	ABOVE FINISHED FLOOR	MATL	MATERIAL
AFS	ABOVE FINISHED GRADE	MB	MARKER BOARD
AG	AGRICULTURE	MCM	METAL COMPOSITE MATERIAL
AHU	AIR HANDLING UNIT	MDF	MAIN DISTRIBUTION FRAME
AL	ALUMINUM	MECH	MECHANICAL
ALT	ALTERNATE	MEZZ	MEZZANINE
ALUM	ALUMINUM	MFG	MANUFACTURER
AP	ACUSTICAL PANELS	MFR	MANUFACTURER
AP	ASSISTANT PRINCIPAL	MIN	MINIMUM
APPROX	APPROXIMATE	MISC	MISCELLANEOUS
ARCH	ARCHITECTURAL	MO	MASONRY OPENING
B	BETON	MP	METAL WALL PANELS
BB	BACK TO BACK	MPF	MULTI-PURPOSE FACILITY
BD	BOARD	MSK	MOP SINK
BLDG	BUILDING	MS	METAL SPOFF
BKLG	BLOCKING	MSL	MEAN SEA LEVEL
BOD	BOTTOM OF DECK	MTL	METAL
BOM	BOTTOM OF MASONRY	NB	NO BASE
BOS	BOTTOM OF STEEL	NF	NO FINISH
BT	BOTTOM	NIC	NOT IN CONTRACT
BP	BASE, PORCELAIN TILE	NO	NUMBER
BR	BASE, RUBBER	NS	NATURAL STONE
BRES	BASE, RESINIOUS INTEGRAL	NTS	NOT TO SCALE
BRC	BEARING	OC	ON CENTER
BRK	BRICK	OCC	OCCUPANTS / OCCUPANCY
BRY	BASE, RUBBER VERTED	OCEW	ON CENTER EACH WAY
BTC	BASE, TILE CERAMIC	OCG	OVERHEAD COILING DOOR
BTPZ	BASE, TERRAZZO PRECAST	OCG	OVERHEAD COILING GRILLE
BS	BOTH SIDES	OD	OUTSIDE DIAMETER
BTWN	BETWEEN	OF	OUTSIDE FACE
BW	BOTH WAYS	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
BWD	BASE, WOOD	OFF	OFFICE
C	CENTER TO CENTER	OFOI	OWNER FURNISHED OWNER INSTALLED
CAB	CABINET	OH	OPPOSITE HAND
CCD	COILING COUNTER DOOR	OH	OVERHEAD
CCPS	CERAMIC CLADDING PANEL SYSTEM	OP	OPPOSITE
CDW	CUSTOM DIGITAL WALLCOVERINGS	OS	OVERFLOW SULLPER
CDMP	CUSTOM DIGITALLY PRINTED ACUSTIC PANEL	PC	PRECAST CONCRETE
CMF	COLD-FORMED METAL FRAMING	PEMB	PRE-ENGINEERED METAL BUILDING
CH	CHANNEL	PERM	PERIMETER
CI	CONTINUOUS INSULATION	PERP	PERPENDICULAR
CJ	CONTROL JOINT	PLA	PLATE / PLASTER
CL	CENTERLINE	PL	PLASTIC LAMINATE
CLG	CEILING	PLP	PLASTIC LAMINATE PANEL SYSTEM
CLR	CLEAR	PNT	PAINT
CMU	CONCRETE MASONRY UNIT	PR	PRACTICE ROOM
CNTRD	CENTERED	PREP	PREPARED
CO	CLEAN OUT/CASED OPENING	PREP	PREPARATION
COL	COLUMN	PROJ	PROJECTION
CONC	CONCRETE	PS	PROJECTION SCREEN
CON	CONFIGURATIONS / CONFERENCE	PT	POINT
CONNS	CONNECTION(S)	PW	PLYWOOD
CONT	CONTINUOUS	QTZ	QUARTZ SURFACING
COORD	COORDINATE	R	RISER
COP	CONCRETE (POLISHED)	RAD	RADIUS
CORR	CORRIDOR	RAFF	RESILIENT ATHLETIC FLUID FLOORING
COS	CONCRETE SEALED	RAPF	RESILIENT ATHLETIC FLOORING POLYURETHANE
CPT	CARPET SHEET	RAFS	RUBBER FLOORING SHEET
CPY	CANOPY	RAVY	RESILIENT ATHLETIC FLOORING VINYL
CR	CLASSROOM	L	ANGLE
CS	CAST STONE	RD	ROOF DRAIN
CSM	CONCRETE STONE MASONRY	REF	REFERENCE
CU	CONDENSING UNIT	REINF	REINFORCING
CUST	CUSTOMER	RESINUS	RESINUS
CT	CARPET, TILED	REQD	REQUIRED
CTE	CAREER TRAINING ED	RM	ROOM
CTRL	CONTROL	RO	ROUGH OPENING
CW	CURTAIN WALL	RR	RESTROOM
CWF	CUSTOM WINDOW FILM	RT	RUBBER TILE
DBL	DOUBLE	RTR	RUBBER TREADS AND RISERS
DET	DETAIL	RTU	ROOFTOP UNIT
DH	DOOR HARDWARE	SD	SPASH BLOCK
DI	DIAMETER	SCHED	SCHEDULE
DIM	DIMENSION	SEC	SECURITY
DN	DOWN	SECT	SECTION
DNG	DRAWING	SF	STOREFRONT / SQUARE FEET
DNR	DRAWER	SHT	SHEET
EA	EACH	SH	SHILAR
EBWS	EPOXY BASED WALL SYSTEM	SI	SLOPE
ED	EDUCATION	SP	SPLASH PAN (METAL)
EF	EACH FACE	SPEC	SPECIFICATIONS
EJ	EXPANSION JOINT	SPP	SPLIT FACE CONCRETE MASONRY UNIT
EL	ELEVATION	SPS	SOLID POLYMER SURFACE
ELEC	ELECTRICAL	SS	STAINLESS STEEL
ELEV	ELEVATOR	SM	SOLID POLYMER SURFACE
ENGR	ENGINEER	STD	STANDARD
EPNT	EPOXY PAINT	STL	STEEL
EQ	EQUAL (EQUALLY)	STN	STAIN
EQUIP	EQUIPMENT	STOR	STORAGE
EW	EACH WAY	STRUT	STRUCTURE
EWC	ELECTRIC WATER COOLER	SVT	SOLID VINYL TILE
EXIST	EXISTING	SYMM	SYMMETRICAL
EXP	EXPANSION	TB	TOP & BOTTOM
EXT	EXTERIOR	TAG	TONGUE & GROOVE
EXTNG	EXTINGUISHER	TAS	TEXAS ACCESSIBILITY STANDARDS (LATEST VERSION)
FF	FACE TO FACE	TB	TACK BOARD
FC	FURRING CHANNEL	TC	TILE, CERAMIC
FD	FLOOR DRAIN	TH	THRESHOLD
FDC	FIRE DEPARTMENT CONNECTION	TILT	TILET
FE	FIRE EXTINGUISHER (SURFACE MOUNT)	TOB	TOP OF BEAM
FEC	FIRE EXTINGUISHER CABINET (SEMI-RECESSED)	TOC	TOP OF CURB
FEE	FINISHED FLOOR ELEVATION	TOJ	TOP OF JOIST
FHC	FIRE HOSE CABINET (SEMI-RECESSED)	TOM	TOP OF MASONRY
FIN	FINISHED	TOS	TOP OF STEEL
FIN FLR	FINISHED FLOOR	TOSF	TOP OF METAL STUD FRAMING
FL	FLUSH (FLUSHED)	TOW	TOP OF WALL
FLOOR	FLOOR	TPC	TILE, PORCELAIN
FR	FRAME	TO	TILE, QUARRY
FRP	FIBERGLASS REINFORCED PLASTIC PANEL	TR	TREATED
SYSTEM FIBERGLASS REINFORCED PANELING		TRM	TRANSVERSE / TRANSPARENT
FRT	FIRE RETARDANT TREATED	TRM	METAL FLASHINGS AND CORNERS
FRTW	FIRE RETARDANT TREATED WOOD	TS	TACKABLE SURFACE
FTG	FOOTING	TYP	TYPICAL
FV	FIELD VERIFY	TZ	TERRAZZO
GA	GAGE OR GAUGE	TZP	TERRAZZO, PRECAST STAIR TREADS AND RISERS
GALV	GALVANIZED	TZT	TILE, TERRAZZO
GB	GRAB BAR / GRADE BEAM	U	URNAL
GEN	GENERAL	UL	UNDERWRITERS LABORATORIES
GRFC	GLASS FIBER REINFORCED CONCRETE	UNO	UNLESS NOTED OTHERWISE
GRF	GROUND FACE CMU (BURNISHED)	UP	UPHOLSTERY
GUT	GUTTER	VCT	VINYL COMPOSITION TILE
GYN	GYNASIUM	VERT	VERTICAL
GYP	GYPNUM	VEST	VESTIBULE
HB	HOSE BIB	VSF	VINYL SHEET FLOORING
HOWD	HARD WOOD	W	WITH
HM	HOLLOW METAL	WIN	WITHIN
HOLD	HOLD OPEN	WO	WITHOUT
HORIZ	HORIZONTAL	WS	WASH STATION
HSS	HOLLOW STRUCTURAL SECTION	WC	WATER CLOSET
HT	HEIGHT	WD	WOOD
HVAC	HEATING, VENTILATION, & A/C	WMP	WOOD (MAPLE) STRIP AND PLANK FLOORING
ICF	INSULATED CONCRETE FORMS / INSULATED CONCRETE FORMING	WMS	MASONITE WOOD FLOORING
IDF	INTERMEDIATE DISTRIBUTION FRAME	WOM	WALK-OFF MAT
IPP	INTERACTIVE FLAT PANEL MONITOR	WOT	WALK-OFF TILE
INFO	INFORMATION	WP	WORKPOINT
INSUL	INSULATION	WT	WEIGHT
INT	INTERIOR	WWF	WELDED WIRE MESH (FABRIC)
		XB	X-BRACING
		>=	LARGER THAN OR EQUAL TO
		<=	LESS THAN OR EQUAL TO
(NOT ALL ABBREVIATIONS MAY BE USED)			

ABBREVIATIONS

AREA MAP



VICINITY MAP



GENERAL	COVER SHEET
G1.01	GENERAL DATA
G2.01	HARRIS COUNTY FIRE CODE DESIGN AND COMPLIANCE REVIEW SHEET
G2.02	CODE ANALYSIS PLAN
G2.03	ENLARGED CODE PLAN ANALYSIS
G2.04	FIREPROOFING PLAN
G4.01	TEA COMPLIANCE
G5.01	SCHEDULE OF MATERIALS AND COLORS
G3.01	EXTERIOR WALL AND ROOF TYPES - TYPICAL CMU WALL PENETRATIONS
CIVIL	HCD REVIEW SHEET
C0.0	HCD REVIEW SHEET
C0.1	HCD REVIEW SHEET
C0.2	SURVEY
C1.0	CIVIL DEMOLITION PLAN
C2.0	CIVIL SITE PLAN
C2.1	EXISTING FIRE LANE STRIPING FOR REFERENCE ONLY
C3.0	GRADING PLAN
C4.0	CIVIL DRAINAGE AREA MAP
C4.1	EXISTING DRAINAGE AREA MAP (1 OF 2) REFERENCE ONLY
C4.2	EXISTING DRAINAGE AREA MAP (2 OF 2) REFERENCE ONLY
C4.3	EXISTING DRAINAGE CALCULATIONS REFERENCE ONLY
C4.4	EXISTING DETENTION SERVICE AREA MAP FOR REFERENCE ONLY
C5.0	STORMWATER POLLUTION PREVENTION PLAN
C6.0	MISCELLANEOUS DETAILS SHEET 1 OF 2
C6.1	MISCELLANEOUS DETAILS SHEET 2 OF 2
LANDSCAPE	LANDSCAPE PLAN
L1.01	LANDSCAPE PLAN
ARCHITECTURAL SITE	
AS1.01	ARCHITECTURAL SITE DEMOLITION PLAN
AS1.02	ARCHITECTURAL SITE PLAN
AS1.03	ENLARGED SITE PLAN
AS1.04	ENLARGED TRACK STRIPING DETAILS
AS1.05	ARCHITECTURAL SITE PLAN - EXISTING FIRE LANE STRIPING
STRUCTURAL	
S001	3D VIEW AND SHEET LIST
S101	GENERAL STRUCTURAL CRITERIA
S102	GENERAL STRUCTURAL CRITERIA
S201	FOUNDATION PLAN - OVERALL
S201DE	FOUNDATION PLAN - AREA DIE
S201L	FOUNDATION PLAN - AREA L
S202	ROOF FRAMING PLAN - OVERALL
S202DE	ROOF FRAMING PLAN - AREA DIE
S202L	ROOF FRAMING PLAN - AREA L
S301	TYPICAL FRAMING DETAILS
S302	TYPICAL ROOF FRAMING DETAILS (JOIST)
S303	TYPICAL COLD FORMED METAL FRAMING DETAILS
S304	TYPICAL CMU DETAILS
ARCHITECTURAL DEMO	
AD1.01	1ST FLOOR - MASTER DEMOLITION FLOOR PLAN
AD1.02	AREA E1, F1, & L1 - DEMOLITION FLOOR PLAN
AD1.03	AREA E1, F1, & L1 - DEMOLITION RCP
ARCHITECTURAL	
A0.01	1ST FLOOR - MASTER FLOOR PLAN
A0.02	2ND FLOOR - MASTER FLOOR PLAN
A0.03	3RD & 4TH FLOOR - MASTER FLOOR PLAN
A1.01	AREA A1 - 1ST FLOOR PLAN
A1.02	AREA B1 - 1ST FLOOR PLAN
A1.03	AREA C1 - 1ST FLOOR PLAN
A1.04	AREA D1 & E1 - 1ST FLOOR PLAN
A1.05	AREA F1 - 1ST FLOOR PLAN
A1.06	AREA G1 - 1ST FLOOR PLAN
A1.07	AREA H1 - 1ST FLOOR PLAN
A1.08	AREA I1 - 1ST FLOOR PLAN
A1.09	AREA K1 - 1ST FLOOR PLAN
A1.10	AREA L1 - 1ST FLOOR PLAN
A1.11	AREA M1 - 1ST FLOOR PLAN
A1.12	AREA N1 - 1ST FLOOR PLAN
A1.13	AREA O1 - 1ST FLOOR PLAN
A1.14	AREA Q1 - 1ST FLOOR PLAN
A1.15	AREA R1 - 1ST FLOOR PLAN
A1.16	AREA S1 - 1ST FLOOR PLAN
A1.17	AREA T1 - 1ST FLOOR PLAN
A1.18	AREA A2 - 2ND FLOOR PLAN
A1.19	AREA B2 - 2ND FLOOR PLAN
A1.20	AREA C2 - 2ND FLOOR PLAN
A1.21	AREA D2 - 2ND FLOOR PLAN
A1.22	AREA E2 - 2ND FLOOR PLAN
A1.23	AREA F2 - 2ND FLOOR PLAN
A1.24	AREA G2 - 2ND FLOOR PLAN
A1.25	AREA H2 - 2ND FLOOR PLAN
A1.26	AREA I2 - 2ND FLOOR PLAN
A1.27	AREA J2 - 2ND FLOOR PLAN
A1.28	AREA K2 - 2ND FLOOR PLAN
A1.29	AREA L2 - 2ND FLOOR PLAN
A1.30	AREA M2 - 2ND FLOOR PLAN
A1.31	AREA N2 - 2ND FLOOR PLAN
A1.32	AREA O2 - 2ND FLOOR PLAN
A1.33	AREA P2 - 2ND FLOOR PLAN
A1.34	AREA Q2 - 2ND FLOOR PLAN
A2.01	AREA E1, F1, & L1 - REFLECTED CEILING PLAN
A3.01	DOOR SCHEDULES
A3.02	DOOR SCHEDULES
A3.03	DOOR & LOUVER SCHEDULES
A3.04	DOOR AND WINDOW FRAMES
A3.05	DOOR AND WINDOW DETAILS
A4.01	AREA E1 - FINISH PLAN
A4.02	AREA F1 - FINISH PLAN
A4.03	AREA L1 - FINISH PLAN
A4.04	INTERIOR ELEVATIONS
A5.01	EXTERIOR ELEVATIONS
A6.01	WALL SECTIONS AND DETAILS
A7.01	MASTER ROOF PLAN
A7.02	AREA E & L - ROOF PLAN
A7.03	TYPICAL ROOFING DETAILS
A8.01	CASEWORK LEGENDS AND ELEVATIONS
A8.01	TYPICAL DETAILS
A8.03	EXPANSION JOINT DETAILS

INDEX OF SHEETS

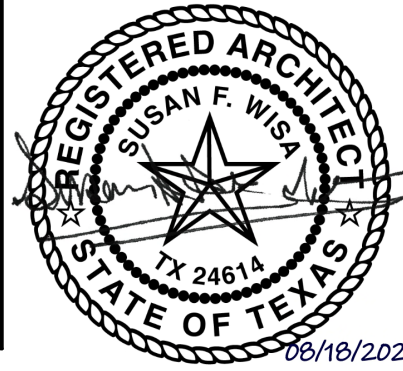
PLUMBING	PLUMBING COMPOSITE FLOOR PLAN - LEVEL 1
P1.01	PLUMBING COMPOSITE FLOOR PLAN - LEVEL 1
P1.02	PLUMBING COMPOSITE ROOF PLAN
P2.01	PLUMBING ENLARGED PLANS
P2.02	PLUMBING ENLARGED PLANS
P3.01	PLUMBING ENLARGED ROOF PLANS
P4.01	PLUMBING DETAILS
P4.02	PLUMBING DETAILS
P5.01	PLUMBING SCHEDULES
MECHANICAL	
M0.01	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA A
M0.02	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA B
M0.03	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA D & E
M0.04	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F
M0.05	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA H
M0.06	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA N
M0.07	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA V
M0.08	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA P
M0.09	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA Q
M0.10	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA B
M0.11	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA D
M0.12	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA D
M0.13	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA D
M0.14	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 3 - AREA A
M0.15	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 3 - AREA A
M0.16	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 4 - AREA B
M0.17	MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 4 - AREA D
M1.01	MECHANICAL FLOOR PLAN - LEVEL 1 - AREA A
M1.02	MECHANICAL FLOOR PLAN - LEVEL 1 - AREA B
M1.03	MECHANICAL FLOOR PLAN - LEVEL 1 - AREA D & E
M1.04	MECHANICAL FLOOR PLAN - LEVEL 1 - AREA H
M1.05	MECHANICAL FLOOR PLAN - LEVEL 1 - AREA L
M1.06	MECHANICAL FLOOR PLAN - LEVEL 1 - AREA N
M1.07	MECHANICAL FLOOR PLAN - LEVEL 1 - AREA N
M1.08	MECHANICAL FLOOR PLAN - LEVEL 1 - AREA P
M1.09	MECHANICAL FLOOR PLAN - LEVEL 1 - AREA Q
M1.10	MECHANICAL FLOOR PLAN - LEVEL 2 - AREA B
M1.11	MECHANICAL FLOOR PLAN - LEVEL 2 - AREA D
M1.12	MECHANICAL FLOOR PLAN - LEVEL 2 - AREA D
M1.13	MECHANICAL FLOOR PLAN - LEVEL 2 - AREA D
M1.14	MECHANICAL FLOOR PLAN - LEVEL 3 - AREA A
M1.15	MECHANICAL FLOOR PLAN - LEVEL 3 - AREA B
M1.16	MECHANICAL FLOOR PLAN - LEVEL 4 - AREA B
M1.17	MECHANICAL FLOOR PLAN - LEVEL 4 - AREA D
M2.01	MECHANICAL ROOF PLAN
M3.01	MECHANICAL ENLARGED PLANS
M4.01	MECHANICAL DETAILS
M5.01	MECHANICAL SCHEDULES
M5.02	MECHANICAL SCHEDULES
ELECTRICAL	
E0.01	ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA D & E
E0.02	ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F & L
E1.01	ELECTRICAL COMPOSITE FLOOR PLAN - LEVEL 1
E1.02	ELECTRICAL COMPOSITE FLOOR PLAN - LEVEL 2
E1.03	ELECTRICAL COMPOSITE FLOOR PLAN - LEVEL 3 & 4
E2.01	ELECTRICAL FLOOR PLAN - LEVEL 1 - AREA D & E
E2.02	ELECTRICAL FLOOR PLAN - LEVEL 1 - AREA F & L
E3.01	ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 1 - AREA D & E
E3.02	ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 1 - AREA F & L
E4.01	ELECTRICAL ENLARGED FLOOR PLANS
E5.01	ELECTRICAL ROOF PLAN
E6.01	ELECTRICAL PARTIAL ONE-LINE DIAGRAMS
E6.02	ELECTRICAL PANEL SCHEDULES
E6.03	ELECTRICAL PANEL SCHEDULES
E8.01	ELECTRICAL DETAILS, LEGENDS, AND SCHEDULES
E8.02	ELECTRICAL LIGHTING CONTROLS DETAILS
TECHNOLOGY	
T0.01	TECHNOLOGY NOTES AND LEGENDS
T0.02	TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA D & E
T0.03	TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F
T0.04	TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA L
T1.00	TECHNOLOGY SITE PLAN
T1.01	TECHNOLOGY COMPOSITE FLOOR PLAN - LEVEL 1
T1.02	TECHNOLOGY COMPOSITE FLOOR PLAN - LEVEL 2
T1.03	TECHNOLOGY COMPOSITE FLOOR PLAN - LEVEL 3 & 4
T2.01	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA A
T2.02	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA B
T2.03	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA C
T2.04	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA D & E
T2.05	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA F
T2.06	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA G
T2.07	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA H
T2.08	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA J
T2.09	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA K
T2.10	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA L
T2.11	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA M
T2.12	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA N
T2.13	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA P
T2.14	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA Q
T2.15	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA R
T2.16	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA S
T2.17	TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA T
T3.01	TECHNOLOGY ENLARGED PLANS
T3.02	TECHNOLOGY ENLARGED PLANS
T5.01	TECHNOLOGY DETAILS
T5.02	TECHNOLOGY DETAILS
T5.03	TECHNOLOGY DETAILS
T5.04	TECHNOLOGY DETAILS
T5.05	TECHNOLOGY DETAILS

Date

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GENERAL DATA

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Sheet No.

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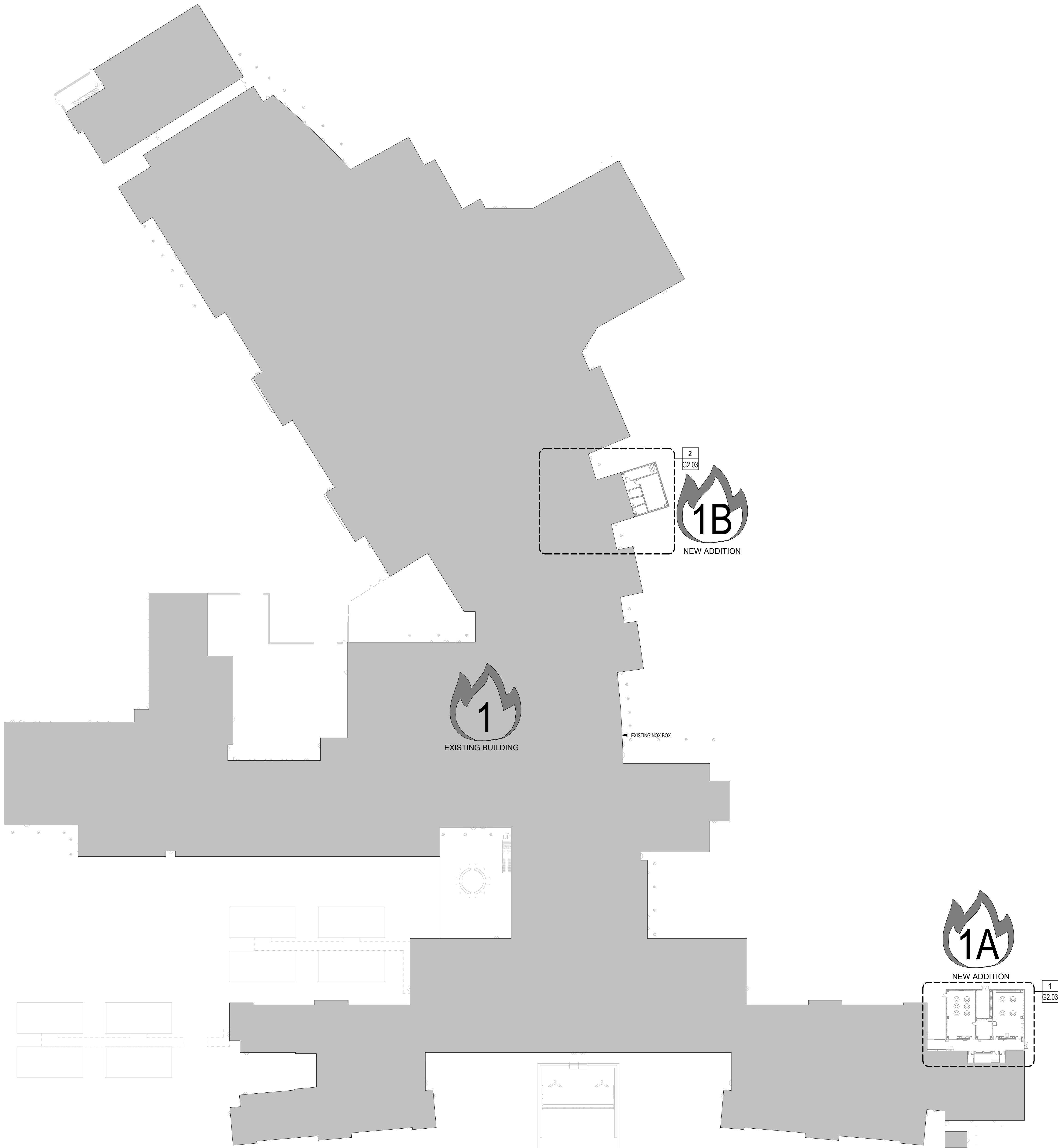
Date:

06/18/2025

G1.02

OF

1 1ST FLOOR - CODE ANALYSIS PLAN
1" = 40'-0"



EGRESS (SPRINKLERED)	
1	3'-0" DOOR (32" CLR) AT 0.15' / OCCUPANT = 313 OCCUPANTS
2	4'-0" DOOR (44" CLR) AT 0.15' / OCCUPANT = 293 OCCUPANTS
3	PAIR OF 3'-0" DOOR (68" CLR) AT 0.15' / OCCUPANT = 453 OCCUPANTS

EGRESS FACTORS LEGEND

NEW CONSTRUCTION: FIRE BUILDING 1A

PRIMARY OCCUPANCY: GROUP E TYPE I-B
ALLOWABLE HEIGHT: 180 FEET
TOTAL HEIGHT PROVIDED: 15'-0"
ALLOWABLE NUMBER OF STORES: 2
ALLOWABLE AREA: (UNLIMITED) IN ACCORDANCE W/ TABLE 508.2
TOTAL AREA PROVIDED: FIRST FLOOR: 3,280 SQ. FT.
TOTAL OCCUPANT LOAD: 81 OCCUPANTS
TOTAL EGRESS CAPACITY PROVIDED: 453 OCCUPANTS

NEW CONSTRUCTION: FIRE BUILDING 1B

PRIMARY OCCUPANCY: GROUP E TYPE I-B
ALLOWABLE HEIGHT: 180 FEET
TOTAL HEIGHT PROVIDED: 15'-0"
ALLOWABLE NUMBER OF STORES: 2
ALLOWABLE AREA: (UNLIMITED) IN ACCORDANCE W/ TABLE 508.2
TOTAL AREA PROVIDED: FIRST FLOOR: 1,390 Q.F.T.
TOTAL OCCUPANT LOAD: 81 OCCUPANTS
TOTAL EGRESS CAPACITY PROVIDED: 293 OCCUPANTS

CALCULATION PER IBC 2018

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: 204 BRIDGELAND HS ADDITION & RENOVATIONS
C. PHYSICAL ADDRESS: 10707 MASON RD, CYPRESS, TX 77433

2) ACTUAL STUDENT CAPACITY
A. EXISTING STUDENT CAPACITY: 3,730
B. NEW ADDED STUDENT CAPACITY: NONE
C. TOTAL STUDENT CAPACITY: 3,730
D. GRADES SERVED: 9TH - 12TH

3) ACTUAL FACULTY & STAFF: 300 (ESTIMATED)

4) APPLICABLE CODES
A. INTERNATIONAL BUILDING CODE (IBC) 2021
B. INTERNATIONAL PLUMBING CODE 2018
C. INTERNATIONAL MECHANICAL CODE 2018
D. NATIONAL ELECTRICAL CODE (NEC) 2023
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
I. LOCAL AMENDMENTS

5) OCCUPANCY CLASSIFICATION

A. OCCUPANCY: GROUP E
B. SEPARATED USES: NONE
C. INCIDENTAL USE AREAS RATED PER TABLE 509
D. ACCESSORY OCCUPANCIES

6) TYPE OF CONSTRUCTION / FIRE-RESISTIVE REQUIREMENTS

A. CONSTRUCTION TYPE: I-B

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

* 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.

REFER TO STRUCTURAL DRAWINGS FOR LOAD-BEARING WALL DESIGNATIONS. LOAD-BEARING WALL FIRE RATINGS IS FOR STRUCTURAL INTEGRITY PURPOSES ONLY. NOT FOR FIRE SEPARATION PURPOSES. THEREFORE NO ASSOCIATED OPENINGS ARE REQUIRED TO BE FIRE-PROTECTED UNLESS REQUIRED TO BE SO BY OTHER CODE PROVISIONS AND/OR AS SHOWN ON THESE DOCUMENTS.

7) FIRE-PROTECTION SYSTEMS

A. AUTOMATIC SPRINKLER SYSTEM: YES
B. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED PER INTERNATIONAL FIRE CODE
C. FIRE ALARM PROVIDED: YES
D. EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM PROVIDED: YES

8) EXIT REQUIREMENTS

A. TRAVEL DISTANCES

1. ALLOWED: SPRINKLERED BUILDING:
TO EXIT FROM WITHIN A SPACE FOR OCCUPANCY LOAD GREATER THAN 50 + 250 FT.
TO EXIT FROM WITHIN BUILDING + 250 FT.
COMMON PATH OF EGRESS TRAVEL = 75 FT.
2. ACTUAL - REFER TO PLAN FOR PATHS & DISTANCE

B. EGRESS OCCUPANT LOAD CALCULATION:

FIRST FLOOR: 1,020 (EXISTING)
SECOND FLOOR: 1,240 (EXISTING)
THIRD FLOOR: 900 (EXISTING)
FOURTH FLOOR: 900 (EXISTING)
TOTAL BUILDING OCCUPANCY: 4,100

9) TOTAL BUILDING AREA:

1. EXISTING BUILDING AREA: 556,817 S.F.
2. ART ADDITION: 3,280 S.F.
3. ORCHESTRA ADDITION: 1,390 S.F.
TOTAL BUILDING AREA: 561,487 S.F.

BUILDING DESIGN CRITERIA

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.L.C.).

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.

CODE ANALYSIS PLAN NOTES

THE EMERGENCY ACCESS LOCK BOX(ES) ARE EXISTING

FIREMAN'S EMERGENCY LOCK BOX(ES)

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-250, MASS WALLS= R-5.74, MTL. FRAMED= R-13 + 50

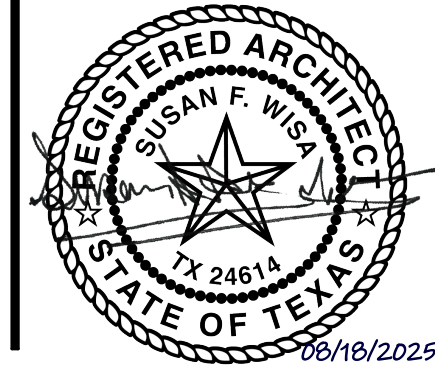
ENERGY CODE R VALUES

Date

Revision /

Project:

Project:



Huckabee
www.huckabee-inc.com
800.687.1229

CODE ANALYSIS PLAN

Job No.

01818-07-01

Sheet No.

Drawn By:

PR

Date:

06/18/2025

G2.02

- EGRESS (SPRINKLERED)
- 3'-0" DOOR (32" CLR) AT 0.15' / OCCUPANT = 313 OCCUPANTS
 - 4'-0" DOOR (44" CLR) AT 0.15' / OCCUPANT = 293 OCCUPANTS
 - PAIR OF 3'-0" DOOR (86" CLR) AT 0.15' / OCCUPANT = 453 OCCUPANTS

EGRESS FACTORS LEGEND

NEW CONSTRUCTION: FIRE BUILDING 1A

PRIMARY OCCUPANCY: GROUP E TYPE I-B
ALLOWABLE HEIGHT: 160 FEET
TOTAL HEIGHT PROVIDED: 15'-0"
ALLOWABLE NUMBER OF STORES: 2
ALLOWABLE AREA: UNLIMITED, IN ACCORDANCE W/ TABLE 508.2
TOTAL AREA PROVIDED: FIRST FLOOR: 3,280 SQ. FT.
TOTAL OCCUPANT LOAD: 61 OCCUPANTS
TOTAL EGRESS CAPACITY PROVIDED: 453 OCCUPANTS

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EXTERIOR	2"
INTERIOR	1"
NON-BEARING WALLS & PARTITIONS (EXTERIOR)	0
NON-BEARING WALLS & PARTITIONS (INTERIOR)	0
FLOOR CONSTRUCTION	2"
ROOF CONSTRUCTION & SECONDARY MEMBERS	1"

- * FIRE RESISTANCE RATINGS OF PRIMARY STRUCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCED BY 1 HOUR WHERE SUPPORTING A ROOF ONLY.
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- A. AUTOMATIC SPRINKLER SYSTEM: YES
B. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED PER INTERNATIONAL FIRE CODE
C. FIRE ALARM PROVIDED: YES
D. EMERGENCY VOICED ALARM COMMUNICATION SYSTEM PROVIDED: YES

8) EXIT REQUIREMENTS

A. TRAVEL DISTANCES

1. ALLOWED: SPRINKLERED BUILDING
TO EXIT FROM WITHIN A SPACE FOR OCCUPANCY LOAD GREATER THAN 50 = 250 FT.
TO EXIT FROM WITHIN BUILDING = 250 FT.
COMMON PATH OF EGRESS TRAVEL = 75 FT.
2. ACTUAL - REFER TO PLAN FOR PATHS & DISTANCE

B. EGRESS OCCUPANT LOAD CALCULATION:

FIRST FLOOR:	1,020 (EXISTING)
SECOND FLOOR:	1,240 (EXISTING)
THIRD FLOOR:	900 (EXISTING)
FOURTH FLOOR:	0 (NEW)
TOTAL BUILDING OCCUPANCY:	4,160

9) TOTAL BUILDING AREA:

1. EXISTING BUILDING AREA:	556,817 S.F.
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- REFER TO G3 SHEETS FOR TYP WALL CONSTRUCTION DETAILS.
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CODE ANALYSIS PLAN NOTES

THE EMERGENCY ACCESS LOCK BOX(ES) ARE EXISTING

FIREMAN'S EMERGENCY LOCK BOX(ES)

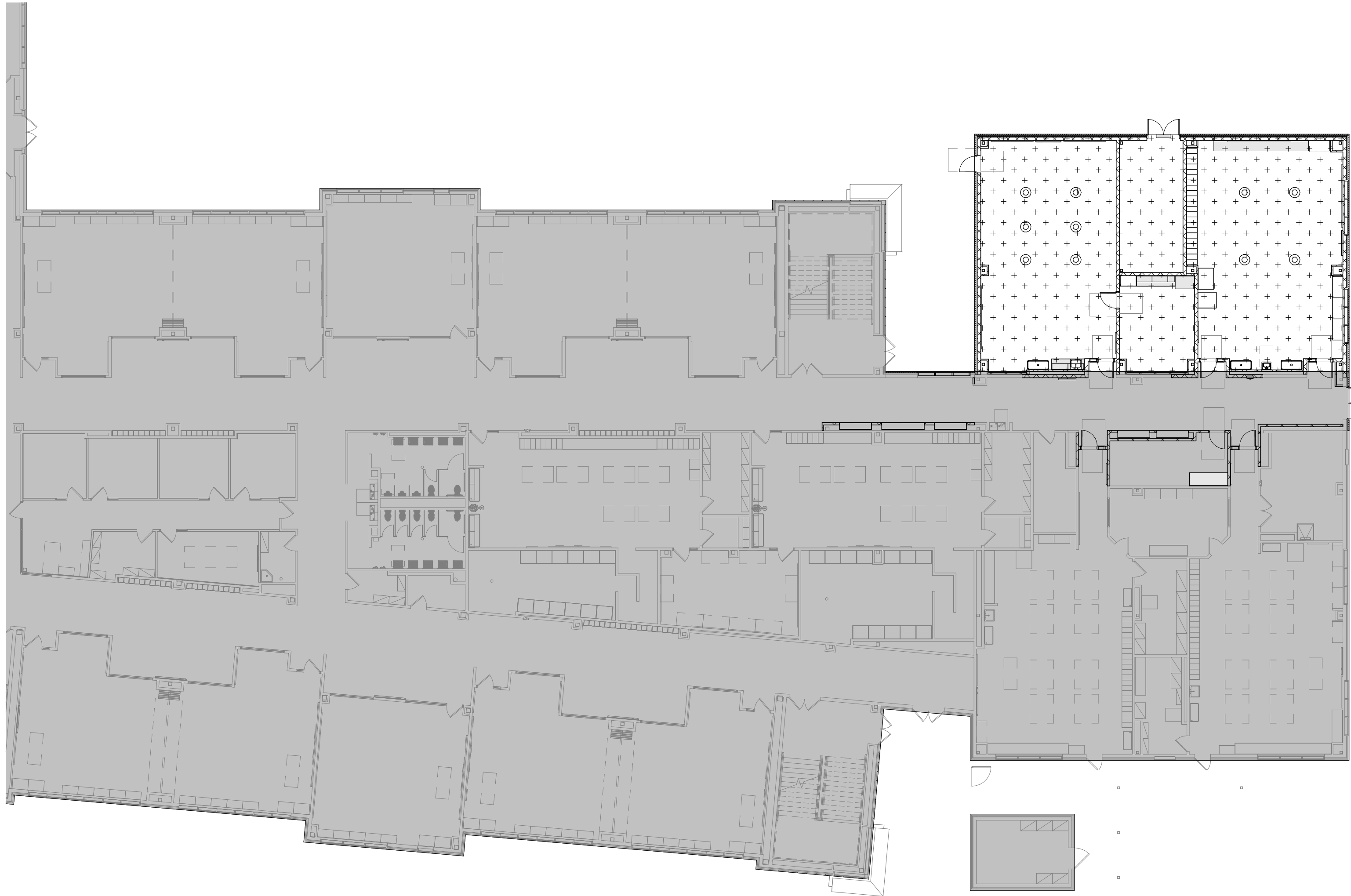
COUNTY: HARRIS COUNTY
CLIMATE ZONE: 2A

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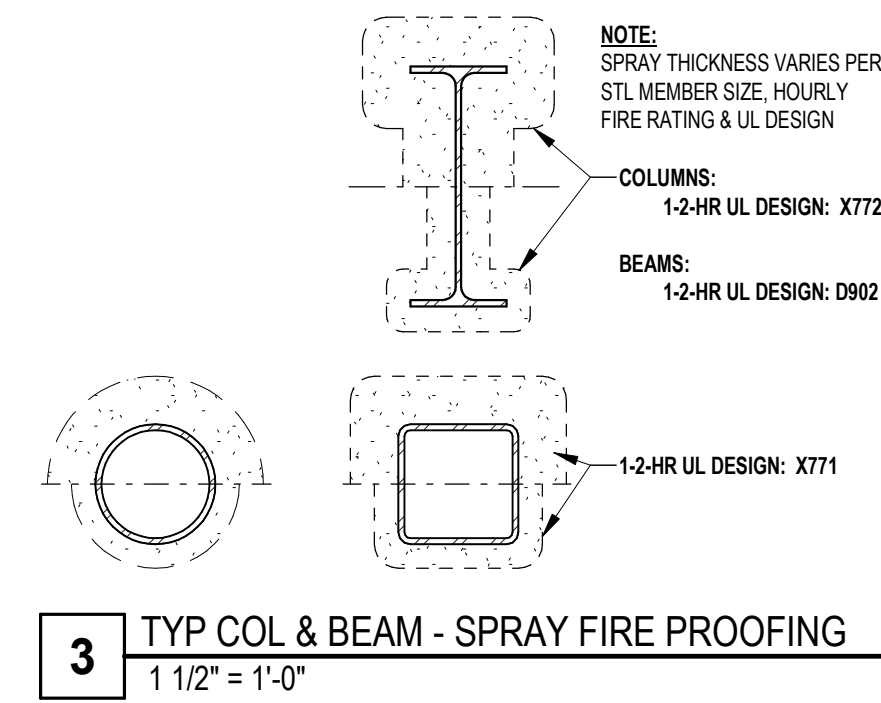
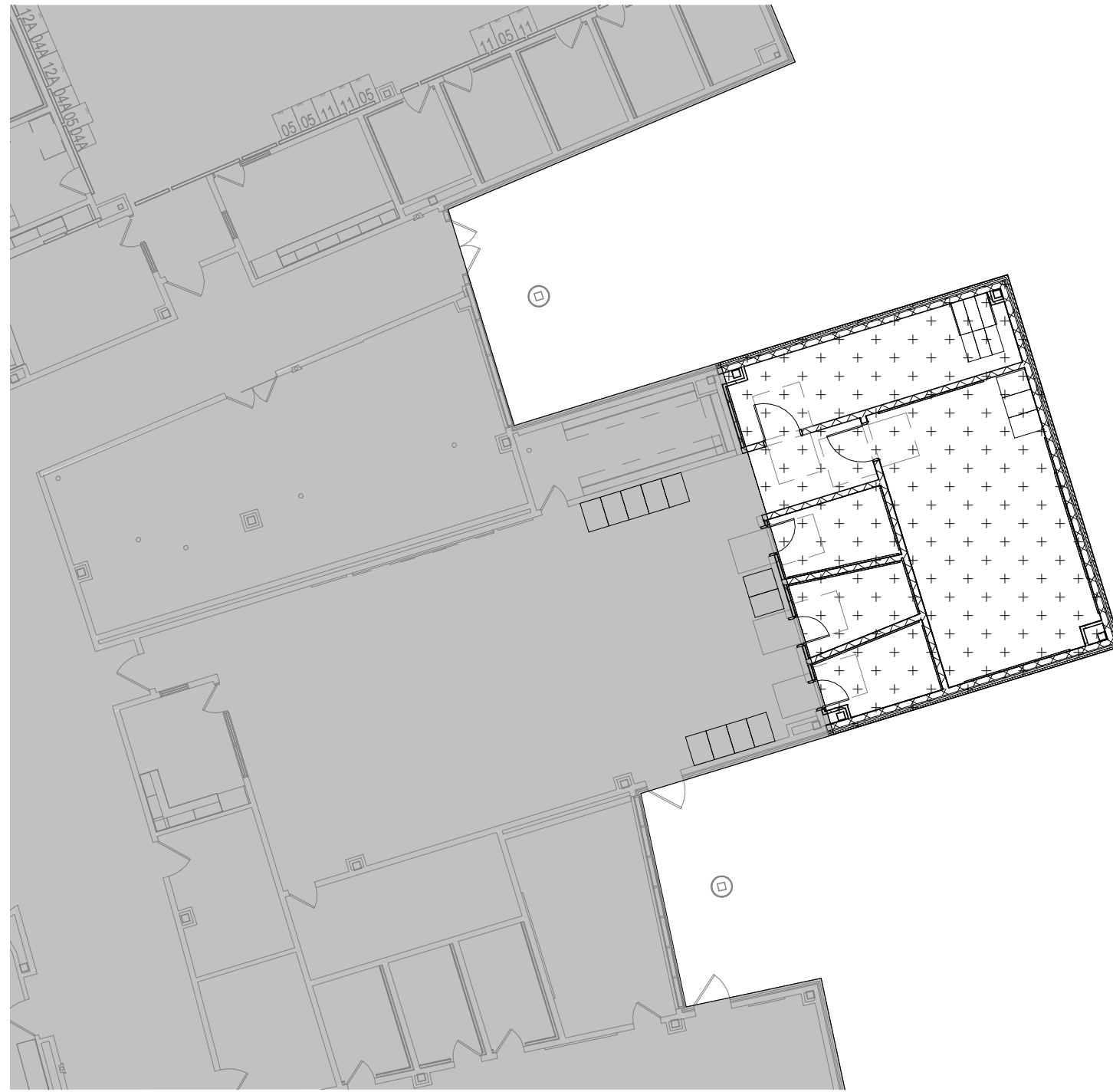
ENERGY CODE R VALUES



1 FIRE PROOFING PLAN - ART
1/16" = 1'-0" BACK REF:



2 FIRE PROOFING PLAN - ORCHESTRA
1/16" = 1'-0" BACK REF:



2-HR SPRAY FIREPROOF PRIMARY STRUCTURAL FRAMING AND ROOF CONSTRUCTION (FRAMING AND DECK) WITH UL-COMPLIANT SPRAY-APPLIED FIREPROOFING

TYP FIREPROOFING 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

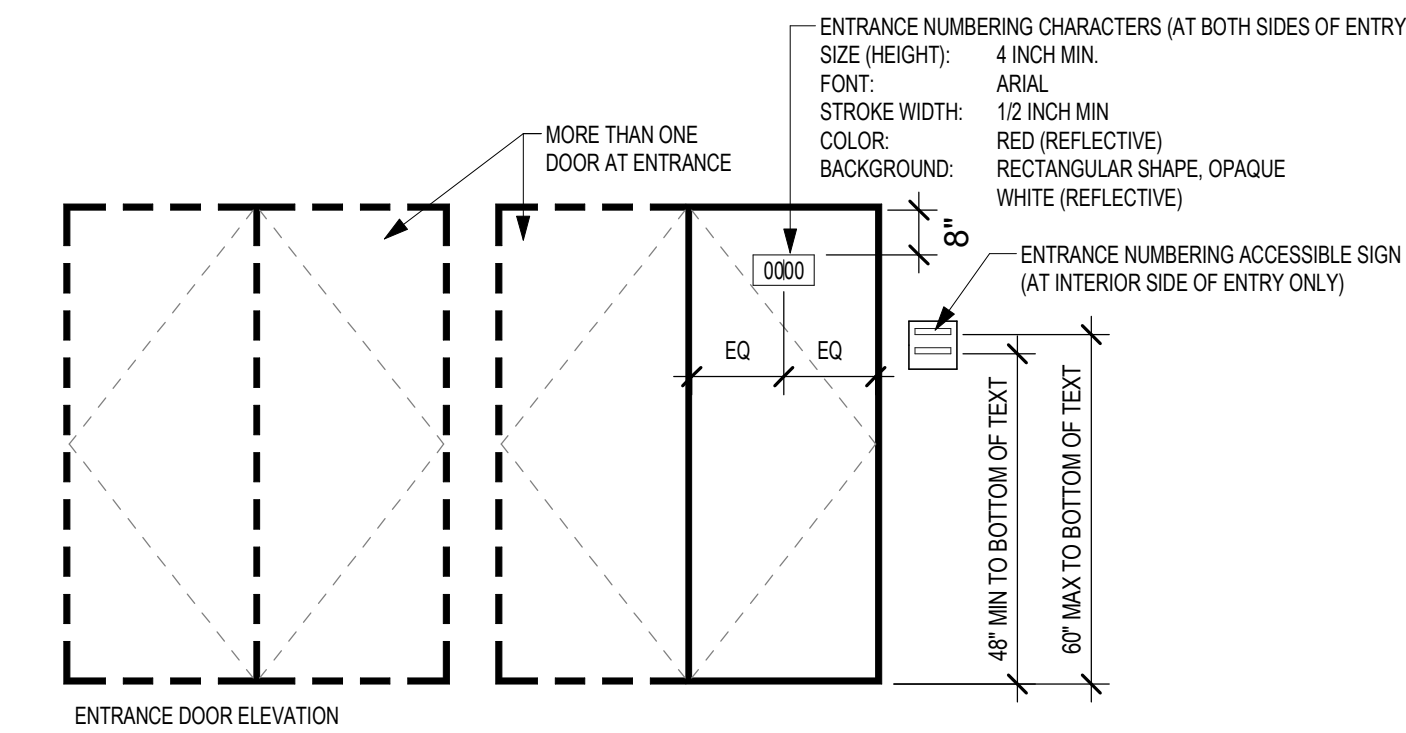
PRIMARY
ENTRANCE

SECONDARY
ENTRANCE

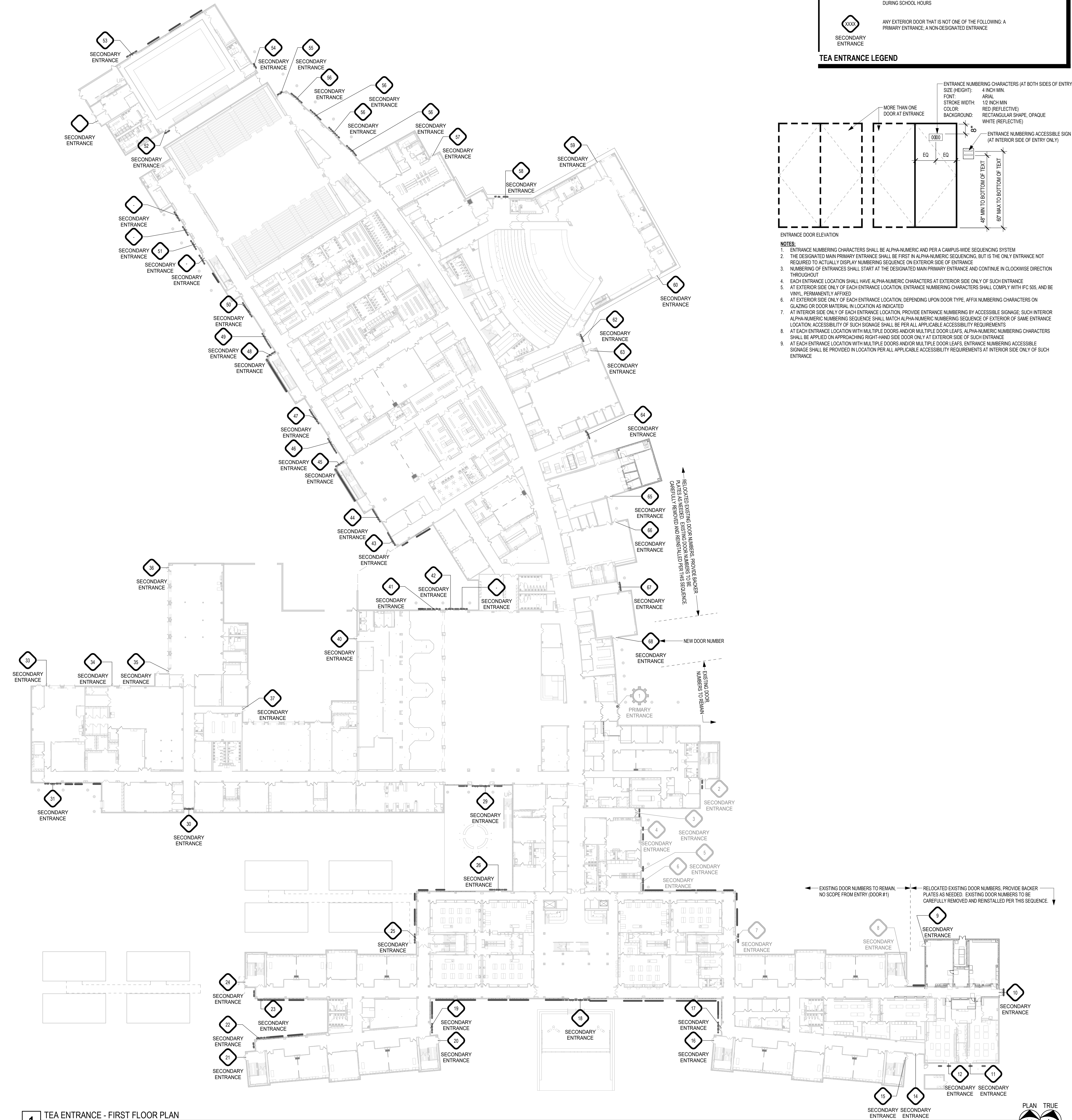
MAIN ENTRANCE TO AN INSTRUCTIONAL FACILITY THAT IS CLOSEST TO OR DIRECTLY CONNECTED TO THE RECEPTION AREA OR ANY EXTERIOR DOOR THE SCHOOL DISTRICT INTENDS TO ALLOW VISITORS TO USE TO ENTER THE FACILITY DURING SCHOOL HOURS EITHER THROUGH POLICY OR PRACTICE OR ANY EXTERIOR DOOR THE SCHOOL DISTRICT INTENDS TO ALLOW TO REMAIN UNLOCKED DURING SCHOOL HOURS

ANY EXTERIOR DOOR THAT IS NOT ONE OF THE FOLLOWING: A PRIMARY ENTRANCE, A NON-DESIGNATED ENTRANCE

TEA ENTRANCE LEGEND



- NOTES:
- ENTRANCE NUMBERING CHARACTERS SHALL BE ALPHA-NUMERIC AND PER A CAMPUS-WIDE SEQUENCING SYSTEM
 - THE DESIGNATED MAIN PRIMARY ENTRANCE SHALL BE FIRST IN ALPHA-NUMERIC SEQUENCING, BUT IS THE ONLY ENTRANCE NOT REQUIRED TO ACTUALLY DISPLAY NUMBERING SEQUENCE ON EXTERIOR SIDE OF ENTRANCE
 - NUMBERING OF ENTRANCES SHALL START AT THE DESIGNATED MAIN PRIMARY ENTRANCE AND CONTINUE IN CLOCKWISE DIRECTION THROUGHOUT
 - EACH ENTRANCE LOCATION SHALL HAVE ALPHA-NUMERIC CHARACTERS AT EXTERIOR SIDE ONLY OF SUCH ENTRANCE
 - AT EXTERIOR SIDE ONLY OF EACH ENTRANCE LOCATION, ENTRANCE NUMBERING CHARACTERS SHALL CONEY WITH IFG 505, AND BE VINYL, PERMANENTLY AFFIXED
 - AT EXTERIOR SIDE ONLY OF EACH ENTRANCE LOCATION, PROVIDE ENTRANCE NUMBERING BY ACCESSIBLE SIGNAGE, SUCH INTERIOR ALPHA-NUMERIC NUMBERING SEQUENCE SHALL MATCH ALPHA-NUMERIC NUMBERING SEQUENCE OF EXTERIOR OF SAME ENTRANCE LOCATION, ACCESSIBILITY OF SUCH SIGNAGE SHALL BE PER ALL APPLICABLE ACCESSIBILITY REQUIREMENTS
 - AT EACH ENTRANCE LOCATION WITH MULTIPLE DOORS AND/OR MULTIPLE DOOR LEAFS, ALPHA-NUMERIC NUMBERING CHARACTERS SHALL BE APPLIED ON APPROACHING RIGHT-HAND SIDE DOOR ONLY AT EXTERIOR SIDE OF SUCH ENTRANCE
 - AT EACH ENTRANCE LOCATION WITH MULTIPLE DOORS AND/OR MULTIPLE DOOR LEAFS, ENTRANCE NUMBERING ACCESSIBLE SIGNAGE SHALL BE PROVIDED IN LOCATION PER ALL APPLICABLE ACCESSIBILITY REQUIREMENTS AT INTERIOR SIDE ONLY OF SUCH ENTRANCE



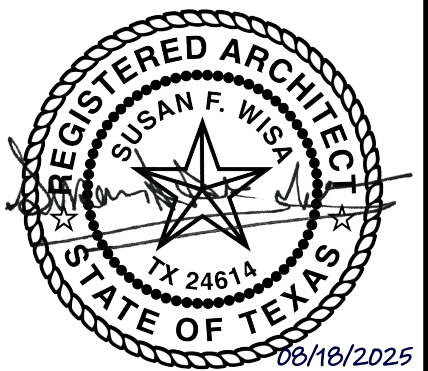
1 TEA ENTRANCE - FIRST FLOOR PLAN
1" = 40'-0"

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



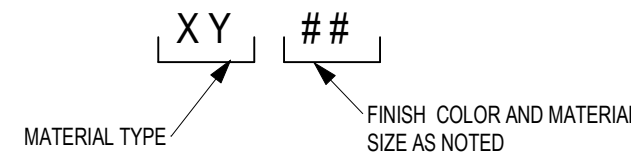
Huckabee
www.huckabee-inc.com
800.887.1229

TEA COMPLIANCE

Job No. 01818-07-01	Sheet No.
Drawn By: PR	G4.01
Date: 06/18/2025	

DIVISION 3 - CONCRETE										
CONCRETE FINISHING										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
COS01										
COP01	CONCRETE, POLISHED									
DIVISION 4 - MASONRY										
UNIT MASONRY										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
BRW01	BRICK	ACME BRICK		BURGUNDY DTP 137	4X10 ECONO KING				MAIN FIELD	
BRW02	BRICK	ACME BRICK		BROOKSHIRE DTP601	4X10 ECONO KING				ACCENT	
SGB01	STRUCTURAL GLAZED BLOCK BASE	ELGIN BUTLER	QUIK BASE	BLACK 1055	4x16					
DIVISION 5 - METALS										
METAL FABRICATIONS										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
DIVISION 7 - THERMAL AND MOISTURE PROTECTION										
FLASHING AND SHEET METAL										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
	PRE-FIN ALUM FASCIA			CHARCOAL(MATCH EXISTING)						
DIVISION 8 - OPENINGS										
DOORS AND FRAMES										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
	ALUMINUM DOORS & FRAMES	KAWNEER		CLEAR ANODIZED					NEW FRAMES TO MATCH EXISTING	
	ALUMINUM WINDOWS	KAWNEER		CLEAR ANODIZED					NEW FRAMES TO MATCH EXISTING	
	VISIBLE DOOR HARDWARE								GC TO CONFIRM FINISH OF NEW DOOR HARDWARE MATCHES EXISTING	
	HOLLOW METAL DOORS			PNT03						
	HOLLOW METAL FRAMES			PNT03						
	SOLID CORE DOORS (PLASTIC LAMINATE)			MATCH PL01						
DIVISION 9 - FINISHES										
CEILINGS										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
L1	ACOUSTICAL TILE CEILINGS	ARMSTRONG			24"x24"				CORRIDORS	
L3	ACOUSTICAL TILE CEILINGS	ARMSTRONG			24"x24"				CLASSROOMS	
L7	ACOUSTICAL CEILINGS, ACOUSTIC ABSORPTIVE GENERAL	ARMSTRONG	CALLA 2824	WHITE	24"x24"				PRACTICE ROOMS AND ENSEMBLE	
RESILIENT FLOORING										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
BR01	BASE, RUBBER	TARKETT/ROPPE		CHARCOAL						STEPHANIE FOSTER STEPHANIE.FOSTER@TARKETT.COM 281-702-5258
MCT01	MARMOLEUM COMPOSITION TILE	FORBO		621 DOVE GREY						
MCT02	MARMOLEUM COMPOSITION TILE	FORBO		629 EIGER						
CARPETING										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
CPT01	CARPET, ROLLED	TARKETT	AFTERMATH II	FLESC2 2358						STEPHANIE FOSTER STEPHANIE.FOSTER@TARKETT.COM 281-702-5258
WOC01	CARPET, WALK OFF	TARKETT	ABRAISIVE ACTION II	WINTER GRAY						
ACOUSTIC TREATMENT										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
AP01	ACOUSTICAL PANEL FABRIC	QUILFORD OF MAINE	ANCHORAGE	ANCORA 2035					BEVELED EDGES	
PAINTING AND COATING										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
PNT01	PAINT	SHERWIN WILLIAMS		SW7014 EIDER WHITE				MAIN FIELD		ZAK R. GALLA ZAKARY R.GALLA@SHERWIN.COM 281-904-5292
PNT02	PAINT	SHERWIN WILLIAMS						GYP BULK HEAD		ZAK R. GALLA ZAKARY R.GALLA@SHERWIN.COM 281-904-5292
PNT03	PAINT	SHERWIN WILLIAMS		SW7067 CITYSCAPE				HM DOORS & FRAMES		ZAK R. GALLA ZAKARY R.GALLA@SHERWIN.COM 281-904-5292
DIVISION 10 - SPECIALTIES										
INFORMATION SPECIALTIES										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
	ROOM SIGNAGE			MATCH EXISTING					NEW ROOM SIGNS TO MATCH EXISTING IN SIZE, FORMAT, AND COLOR	
STORAGE SPECIALTIES										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
	LOCKERS			GRAY (MATCH EXISTING)						
EXTERIOR SPECIALTIES										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
	PROTECTIVE COVERS	AVADER		CHARCOAL 392B156 (MATCH EXISTING)						
DIVISION 12 - FURNISHINGS										
WINDOW TREATMENTS										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
	MINI BLINDS			GRAY (MATCH EXISTING)						
ARCHITECTURAL CASEWORK										
KEY	TYPE	MANUFACTURER	MODEL/SERIES	COLOR/NUMBER	SIZE	FINISH	INSTALLATION	LOCATION	NOTES	CONTACT
PL01	PLASTIC LAMINATE	WILSONART		MAMBO 7948				CASEWORK		EMILY MERCER EMILY.MERCER@WILSONART.COM 945-536-1040
PL02	PLASTIC LAMINATE	WILSONART		MISTED ZEPHYR 4843				COUNTERTOP		EMILY MERCER EMILY.MERCER@WILSONART.COM 945-536-1040
PL03	PLASTIC LAMINATE	WILSONART						ROOM SIGNAGE	UPPER PORTION OF SIGN	EMILY MERCER EMILY.MERCER@WILSONART.COM 945-536-1040
PL04	PLASTIC LAMINATE							ROOM SIGNAGE	LOWER PORTION OF SIGN	
QTZ01	QUARTZ SURFACING	CAMBRIA		DUNMORE				ART ROOM COUNTERTOPS		
QTZ02	QUARTZ SURFACING	CAMBRIA		ELLA				RECEPTION DESK UPPER COUNTER		

REFER TO PROJECT SPECIFICATIONS SECTION 09 9000 FOR ADDITIONAL INFORMATION REGARDING FINISH MATERIALS AND PAINT FINISH CODES.



ACMU - ARCHITECTURAL CONCRETE MASONRY UNIT

AL - ALUMINUM

AP - ACOUSTICAL PANELS

BP - BASE, PORCELAIN TILE

BRES - BASE, RESINOUS INTEGRAL

BRK - BRICK

BR - BASE, RUBBER

BRV - BASE, RUBBER VENTED

BTC - BASE, TILE, CERAMIC

BTZ - BASE, TERRAZZO PRECAST

BWD - BASE, WOOD

COPS - CERAMIC CLADDING PANEL SYSTEM

CDAP - CUSTOM DIGITALLY PRINTED ACOUSTIC PANEL

CDW - CUSTOM DIGITAL WALL COVERINGS

COP - CONCRETE POLISHED

COS - CONCRETE SEALED

CPT - CARPET, SHEET

CS - CAST STONE

CSM - CONCRETE STONE MASONRY

CT - CARPET, TILED

CWF - CUSTOM WINDOW FILM

EBWS - EPOXY BASED WALL SYSTEM

EPNT - EPOXY PAINT

FRP - FIBERGLASS REINFORCED PLASTIC PANEL SYSTEM

GFRG - GLASS FIBER REINFORCED CONCRETE

GRF - GROUND FACE CMU (BURNISHED)

LVT - LUXURY VINYL TILE

MB - MARKER BOARD

MCM - METAL COMPOSITE MATERIAL

MP - METAL WALL PANEL

MS - METAL SOFFIT

NB - NO BASE

NS - NATURAL STONE

PL - PLASTIC LAMINATE

PLP - PLASTIC LAMINATE PANEL SYSTEM

PNT - PAINT

QTZ - QUARTZ SURFACING

RAFF - RESILIENT ATHLETIC FLUID FLOORING

RAFP - RESILIENT ATHLETIC FLOORING POLYURETHANE

RAFS - RUBBER FLOORING SHEET

RAFV - RESILIENT ATHLETIC FLOORING VINYL

RES - RESINOUS FLOORING

RT - RUBBER TILE

RTR - RUBBER TREADS AND RISERS

SPEC - SPECIAL FINISHES, REF. ROOM FINISH SCHEDULE & INTERIOR ELEVATIONS

SPF - SPLIT-FACE CONCRETE MASONRY UNIT

SSM - SOLID SURFACE MATERIAL

SVT - SOLID VINYL TILE

TB - TACK BOARD

TC - TILE, CERAMIC

TP - TILE, PORCELAIN

TQ - TILE, QUARRY

TS - TACKABLE SURFACE

TZ - TERRAZZO

TZP - TERRAZZO, PRECAST STAIR TREADS AND RISERS

TZT - TERRAZZO TILE

UP - UPHOLSTERY

VCT - TILE, VINYL COMPOSITION

VSF - VINYL SHEET FLOORING

WMP - WOOD (MAPLE) STRIP AND PLANK FLOORING

WMS - MASONITE WOOD FLOORING

WOM - WALK-OFF MAT

WOT - WALK-OFF TILE

(NOT ALL ABBREVIATIONS MAY BE USED)

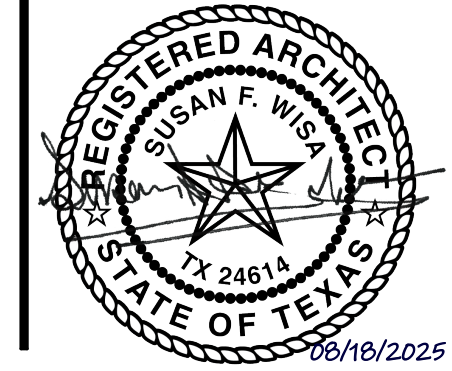
FINISH KEY

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Huckabee
www.huckabee-inc.com
800.687.1229

SCHEDULE OF MATERIALS AND COLORS

Job No.

01818-07-01

Drawn By:

MJ

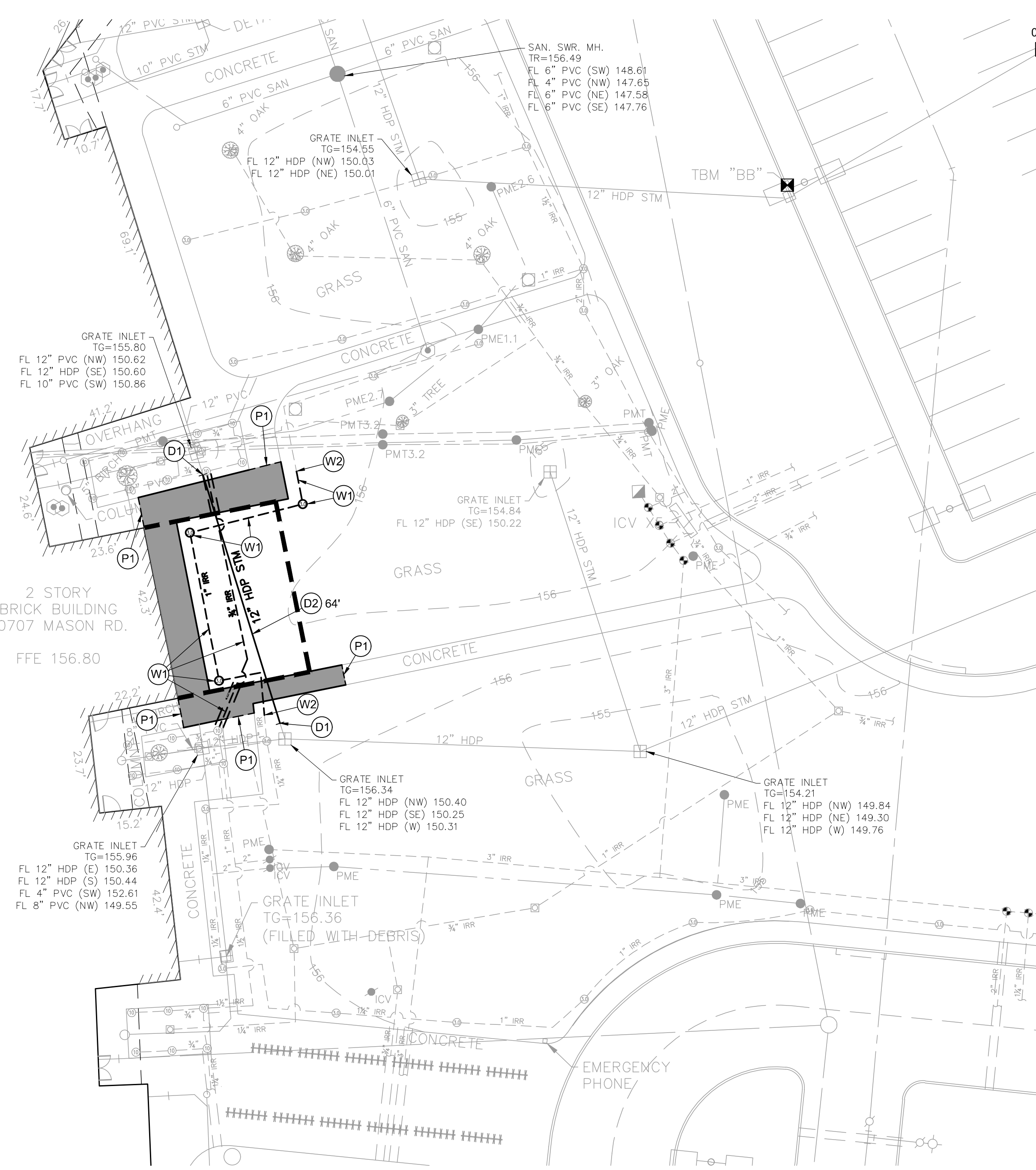
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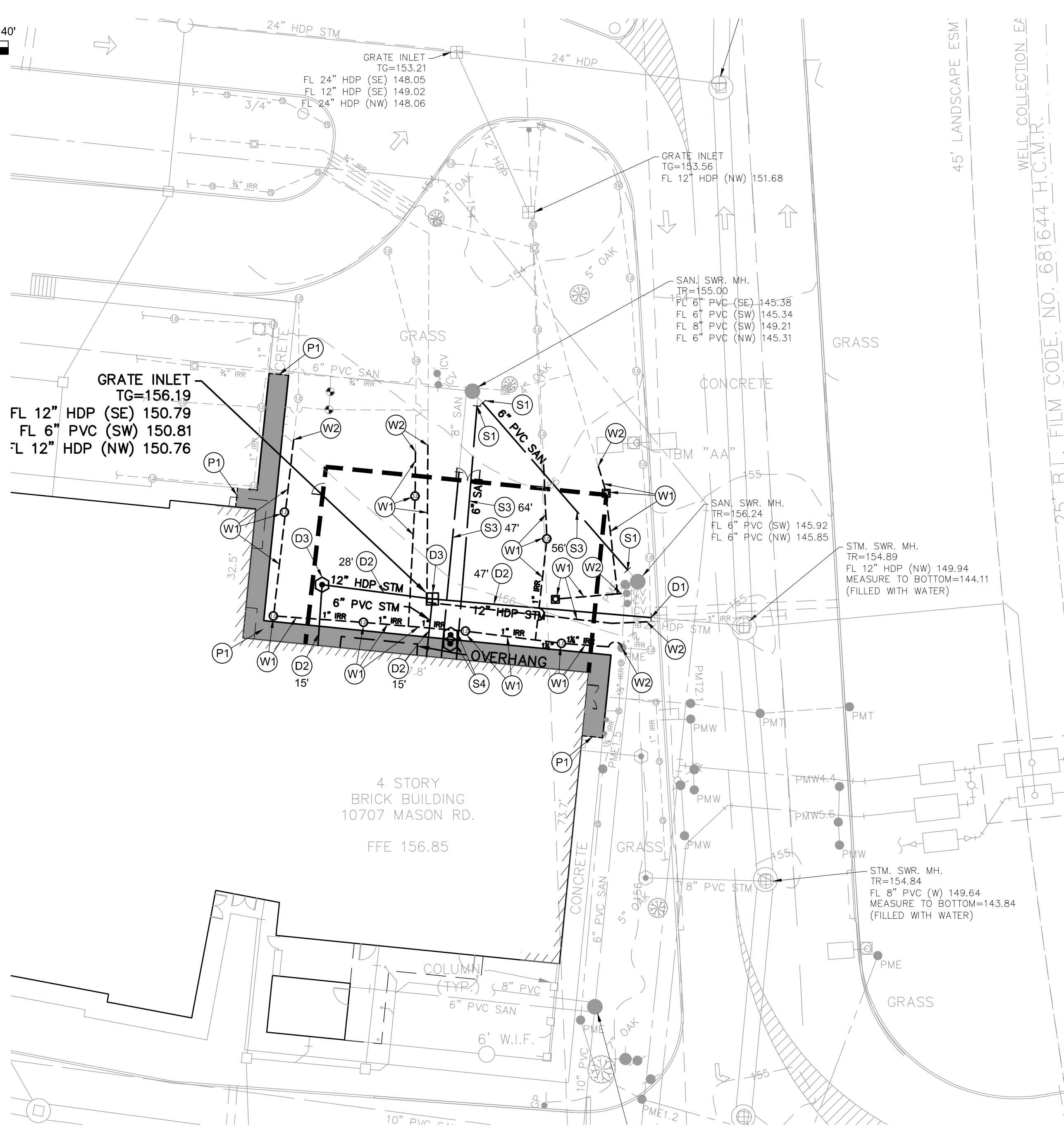
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ORCHESTRA ADDITION



ART ADDITION

LEGEND	
	PROPOSED BUILDING LIMITS
	EXISTING CONCRETE SIDEWALK TO BE REMOVED

DEMOLITION NOTES TO CONTRACTOR:

- THE CONTRACTOR AND OWNER SHALL COORDINATE WITH UTILITY SERVICE PROVIDERS FOR TERMINATION OF POWER AND GAS SERVICES TO THE SITE OR NEW SERVICES. THIS WORK SHALL BE PERFORMED BY THE UTILITY SERVICE PROVIDER AND SHALL BE SCHEDULED AS ONE OF THE FIRST ITEMS OF BUSINESS.
- ALL SITE FEATURES NOT IDENTIFIED TO BE DEMOLISHED ARE TO REMAIN AND SHALL BE PROTECTED-IN-PLACE.
- ALL ITEMS DESIGNATED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- CONTRACTOR TO FOLLOW ALL RECOMMENDED SAFETY AND DISPOSAL PROCEDURES INCLUDING BUT NOT LIMITED TO EPA, TCEQ & OSHA.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS OFFSITE.
- BACKFILL ALL VOIDS FROM REMOVED ITEMS WITH STRUCTURAL FILL MATERIAL PLACED AND COMPACTED PER GEOTECHNICAL REPORT.
- WHEN EXISTING SIDEWALK IS CLOSED FOR CONSTRUCTION, CONTRACTOR SHALL BARRICADE THAT AREA AND PROVIDE SAFE ALTERNATE PATH FOR PEDESTRIANS WITH PROPER SIGNAGE.
- ALL TRAFFIC SIGNAGE WITHIN THE ROW SHALL BE PROTECTED IN PLACE AT ALL TIMES. ANY DAMAGE TO THESE DEVICES SHALL BE REPAIRED IMMEDIATELY.
- CONTRACTOR SHALL REPAIR ANY ITEMS DAMAGED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE ON SITE DURING ALL CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL ENTER AND EXIT THE SITE THROUGH EXISTING DRIVEWAY.
- CONTRACTOR SHALL NOTE ALL UTILITY PLUG LOCATIONS ON FIELD RECORD DRAWINGS.

GENERAL CONSTRUCTION NOTES:

- ALL UNDERGROUND UTILITIES SHOWN ARE NOT GUARANTEED TO BE COMPLETE OR DEFINITE, BUT WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE.
- CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF DISCREPANCIES OCCUR.
- THE LOCATION OF ALL UTILITIES PRESENTED ON THESE DRAWINGS IS 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 HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
- CONTRACTOR TO OBTAIN ALL PERMITS AND APPROVALS REQUIRED PRIOR TO STARTING CONSTRUCTION.

SAWCUT NOTES:

- SAWCUT 2" MINIMUM DEPTH, EXPOSE AND CLEAN EXISTING REINFORCING STEEL.
- IF NO REINFORCING STEEL EXISTS, #5 HORIZONTAL DOWELS, 24" LONG, GRADE 60, SHALL BE DRILLED AND EMBEDDED 12" INTO THE CENTER OF EXISTING CONCRETE WITH EPOXY.
- ALL REINFORCING STEEL SHALL BE PLACED 3" CLEAR (2" ABSOLUTE MINIMUM) FROM EDGE OF CONCRETE.

PAVING DEMOLITION KEY NOTES:

- SAWCUT EXISTING CONCRETE PAVEMENT, CURB, GUTTER OR CURB AND GUTTER.

DRAINAGE DEMOLITION KEY NOTES:

- EXISTING STORM SEWER LINE TO BE CUT AND PLUGGED.
- EXISTING STORM SEWER TO BE REMOVED.
- EXISTING STORM INLET, MANHOLE, CLEANOUT OR OTHER STRUCTURE TO BE REMOVED.

WASTEWATER DEMOLITION KEY NOTES:

- EXISTING SANITARY SEWER LINE TO BE CUT AND PLUGGED.
- CUT EXISTING PVC SANITARY SEWER LINE FOR CONNECTION TO PROPOSED PVC SANITARY SEWER LINE IN STEEL ENCASEMENT UNDER PROPOSED BUILDING EXPANSION.
- EXISTING SANITARY SEWER TO BE REMOVED.
- EXISTING SANITARY MANHOLE, CLEANOUT OR OTHER STRUCTURE TO BE REMOVED.

WATER DEMOLITION KEY NOTES: (SEE IRRIGATION NOTE BELOW)

- EXISTING IRRIGATION WATER LINE AND APPURTENANCES TO BE REMOVED.
- CUT AND CAP EXISTING IRRIGATION LINE AND PROTECT UNTIL CONNECTION TO PROPOSED IRRIGATION LINE.

ELECTRICAL DEMOLITION KEY NOTES:

NOTE: ALL ELECTRICAL ITEMS TO BE CUT, PLUGGED OR REMOVED SHALL BE COORDINATED WITH SERVICE PROVIDER AND MEP.

COMMUNICATION DEMOLITION KEY NOTES:

NOTE: ALL COMMUNICATION ITEMS TO BE CUT, PLUGGED OR REMOVED SHALL BE COORDINATED WITH MEP AND SERVICE PROVIDER AND MEP.

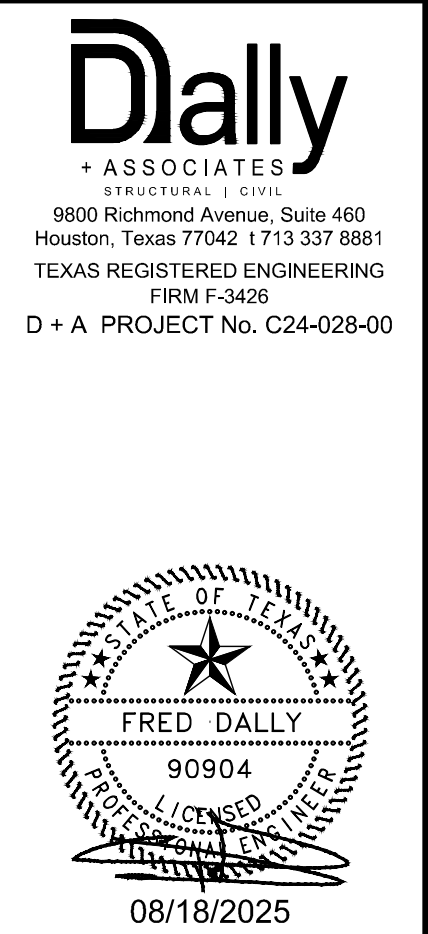
GAS DEMOLITION KEY NOTES:

NOTE: ALL GAS ITEMS TO BE CUT, PLUGGED OR REMOVED SHALL BE COORDINATED WITH SERVICE PROVIDER AND MEP.

IRRIGATION NOTE:

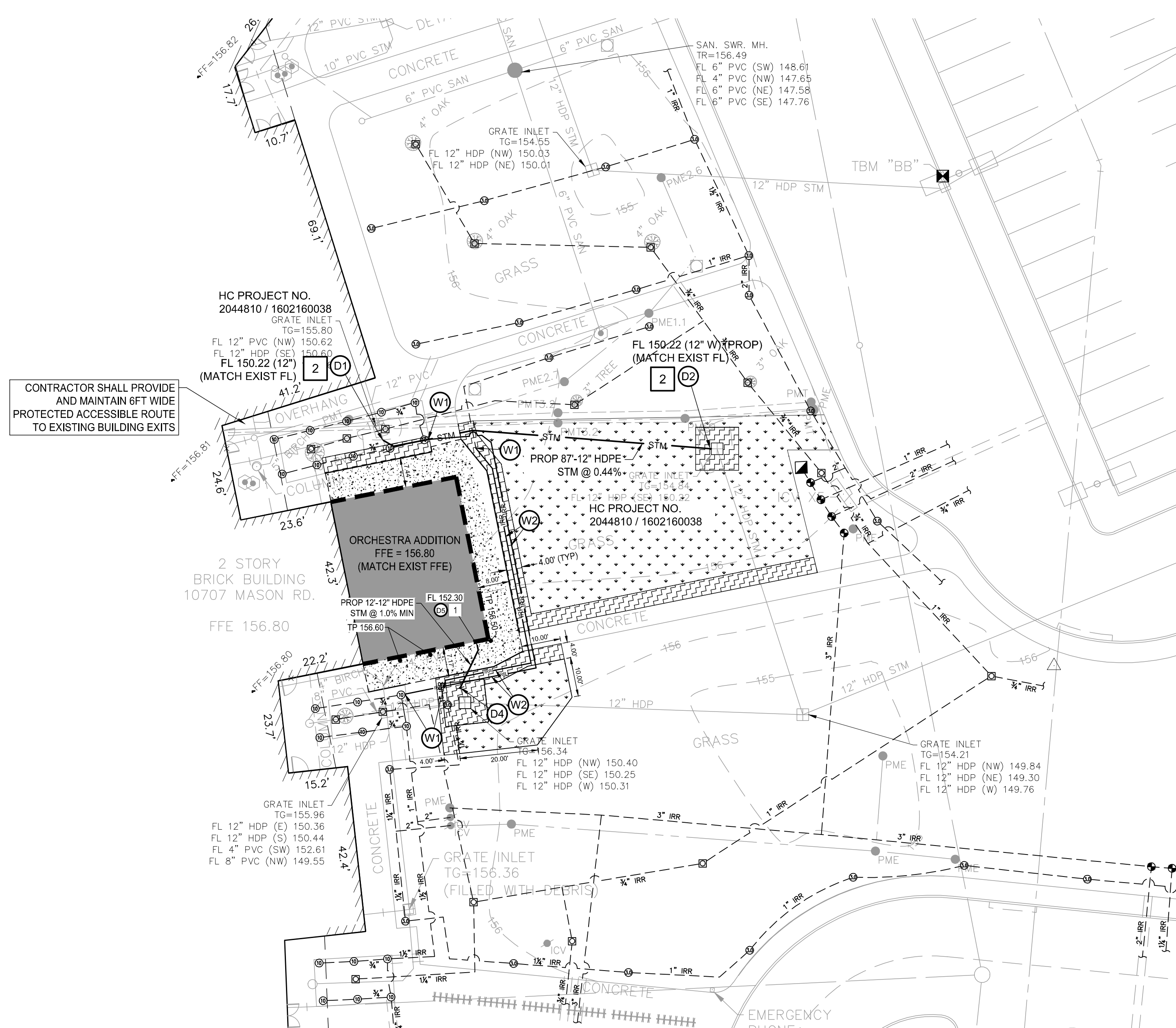
CONTRACTOR TO HIRE A LICENSED IRRIGATOR TO REMOVE, REPLACE, ADJUST, AND/OR MODIFY EXISTING IRRIGATION WATER LINES, IRRIGATION HEADS AND IRRIGATION WIRING IN THE AREA TO ACCOMMODATE THE PROPOSED DEVELOPMENT. CONTRACTOR TO PROVIDE TEMPORARY WATERING WHILE SERVICE IS INTERRUPTED.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433



CIVIL DEMOLITION PLAN

Job No. 01818-07-01	Sheet No. C1.0
Drawn By: MN	
Date: 08/18/2025	



ORCHESTRA ADDITION

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 are available for a pre-construction meeting.

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 ell.
- **Fittings** – Use 2" schedule 80 12" nipples threaded in place of male adapters on zone valves.
- **Weld 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** – Each type of head shall be the product of Rainbird Corp. – NO SUBSTITUTIONS
- Rainbird Spray head – Rainbird 1800S spray SAM / PPS
- Shrub head – Rainbird 1812 high pop SAM / PPS
- Bubbler head – Use 1806 body w/ Hunter Bubbler nozzle
- Rotor Head – Rainbird 5000 SAM / PPS
- Rotor head – Rainbird 5000 5004 Plus SAM / R
- Rotor head – **Athletic field** applications Rainbird 8005 (Stainless Steel) with a #26 nozzle.
- **Primer / Glue** – Christy's Purple Primer / Christy's Red Hot Blue for 4" and smaller.
- **IR Controller:**
 - Traditional Wire System – LXME2 Traditionally-Wired Controller, 48-Stations, with IQ4G-USA Cartridge. Use this controller for up to 48 zones.
 - Two Wire System – ESP-LXVM 2-Wire Decoder Controller, 60-Stations, with IQ4G-USA Cartridge. Use this controller for 2 wire systems, 48-plus zones.
 - All new systems need power cutoff at controller.
 - Include Rain/Freeze Sensor WR2RFC
 - Include a master valve and flow sensor/size and located properly for system: Rainbird ultrasonic sensor, model UFC 200 or Netatm combination master valve and flow sensor.
 - Installed per the manufacturer, shielded wire must be used and cannot share Master valve wiring or ports on module in the controller.
 - Multi-strand wire to be used to connect 14 Ga. field wire to controller, or shielded wire when required.
 - Confirm controller location during pre-construction meeting.
 - **Valves / Valve Boxes** – Rainbird PEB (Use only 1" or 2" valves / no 1 1/4" valves)
 - PE-VM valve for 2-wire system.
 - Valve Box – NDS Rectangular 14" X 19" Overlapping Cover – ICV Green/Green (Model 314C) – NO ROUND BOXES.
 - Set top of lid box flush to finish grade
 - **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 (RP2) 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.
 - **Booster Pump** – Consult with CFISD Irrigation Dept. for type and size.
 - 300 gpm @ 80 psi.
 - Ensure booster pump has a bypass valve for repair/services to be made.
 - **Drip Irrigation** – Only in required areas; use Rainbird products

IRRIGATION DESIGN AND CONSTRUCTION REQUIREMENTS

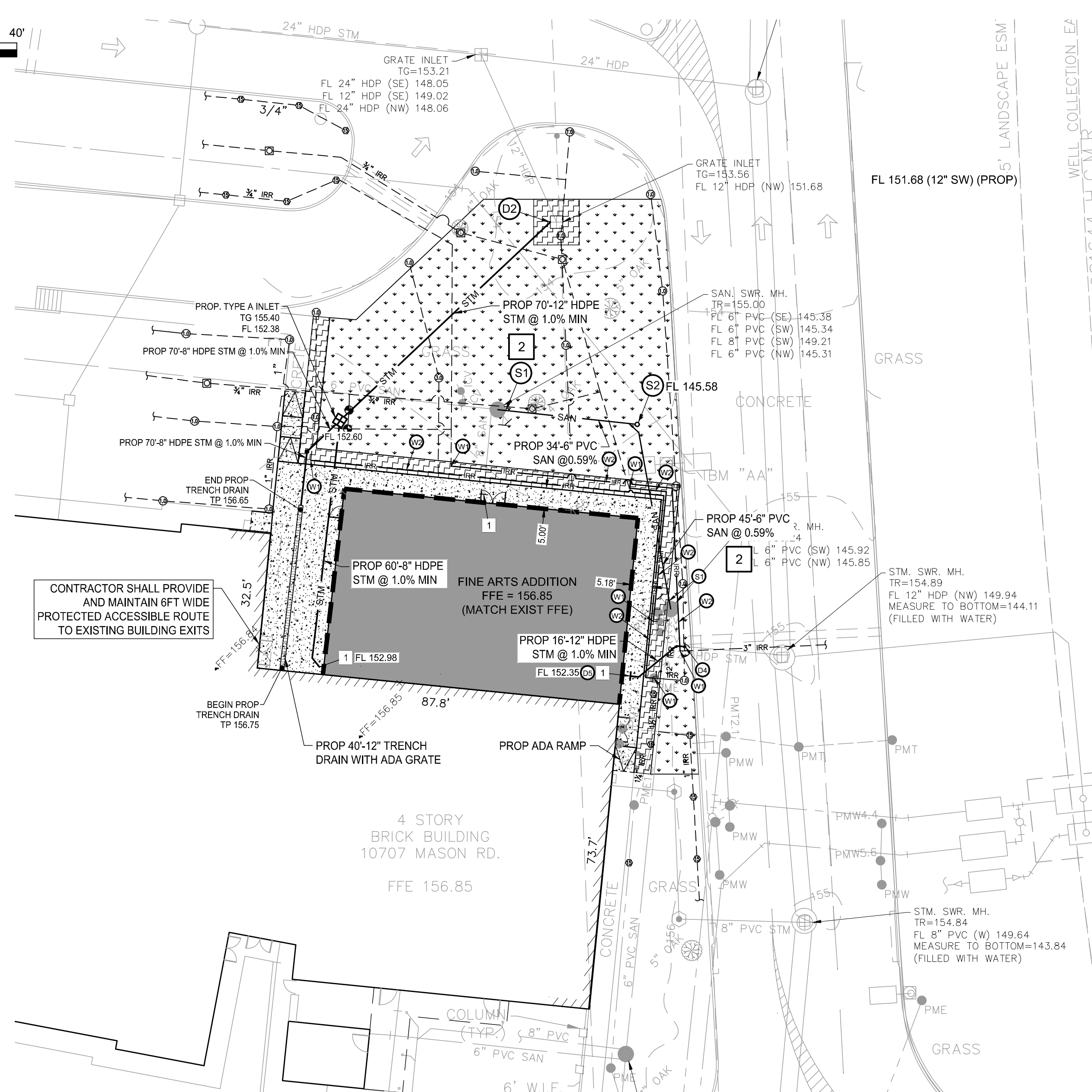
- All athletic fields - No pipe less than 2" in design or installations.
- Entire campus except athletic fields – no pipe less than 1" diameter in designs or installations
- Civil engineer shall obtain pressure tests from appropriate municipal utility district no later than the end of schematic design 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 reading 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 DBT 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.

AL 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 sensor" 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 reports, 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.



ART ADDITION

GRADING NOTE:

IN AREAS WHERE THE PROJECT DESIGN INCORPORATES FILL ADJACENT TO NEIGHBORING LANDOWNERS, THE CONTRACTOR SHALL IMPLEMENT GRADING AND/OR PERMITTER RUNOFF CATCHMENT DEVICES (E.G. PERMITTER DITCHES) DURING CONSTRUCTION TO ENSURE THAT ADJACENT PARCELS BORDERING THE PROJECT SITE DO NOT EXPERIENCE INTERIM DRAINAGE FLOWS THAT EXCEED PRE-DEVELOPMENT CONDITIONS FOR STORM EVENTS UP TO AND INCLUDING THE CURRENT STORM DRAINAGE DESIGN CRITERIA AT THE TIME OF THE PERMIT OR CARRY SEDIMENT GENERATED AS PART OF CONSTRUCTION ACTIVITIES, WHERE APPLICABLE, THESE PRACTICES ARE IN ADDITION TO THE STANDARD STORM WATER POLLUTION PREVENTION PLAN DESIGN AND SHALL INCLUDE ADDITIONAL DITCHES REDIRECTING SITE DRAINAGE OR TEMPORARY PIPING. THIS NOTE IS NOT INTENDED TO ADDRESS ANY LIABILITY OR RESPONSIBILITY UNDER TEXAS WATER CODE 11.086.

IRRIGATION NOTE:

CONTRACTOR TO HIRE A LICENSED IRRIGATOR TO REMOVE, REPLACE, ADJUST, AND/OR MODIFY EXISTING IRRIGATION WATER LINES, IRRIGATION HEADS AND IRRIGATION WIRING IN THE AREA TO ACCOMMODATE THE PROPOSED DEVELOPMENT. CONTRACTOR TO PROVIDE TEMPORARY WATERING WHILE SERVICE IS DISRUPTED. COORDINATE FINAL IRRIGATION LAYOUT AND CONTROL WITH OWNER.

EXISTING DETENTION SUMMARY:

DETENTION PROVIDED BY PLANS PREPARED BY BROWN AND GAY ENGINEERS.

TITLED: "CY-FAIR I.S.D. HIGH SCHOOL NO. 12 INTERIM DETENTION AND BRIDGELAND PARKLAND VILLAGE ROUGH GRADING (REVISED)"

APPROVAL DATED: 02/18/2016

DETENTION VOLUME PROVIDED: 31.00 AC-FT

DETENTION VOLUME REQUIRED: 31.00 AC-FT

THE DETENTION FOR THE NORTH DRAINAGE "SYSTEM A" ASSOCIATED WITH THE DRAINAGE STUDY TITLED: "DRAINAGE ANALYSIS FOR 11,402-ACRE BRIDGELAND DEVELOPMENT PHASE 5 (797 ACRES); UNIT K100-00-00"

APPROVED DATE: 10/23/2014

AND U100-00-00 OUTFALL DETENTION IN "DETENTION ANALYSIS 119.7 ACRES BRIDGELAND SCHOOL SITE BY BROWN AND GAY ENGINEERS"

APPROVED DATE: 09/10/2015

DETENTION VOLUME PROVIDED: 82.82 AC-FT

DETENTION VOLUME UTILIZED: 21.05 AC-FT

REMAINING DETENTION VOLUME AVAILABLE: 61.77 AC-FT

PROPOSED DETENTION CALCULATIONS

TOTAL DRAINAGE AREA	69.40	ACRES
EXISTING IMPERVIOUS COVER	35.8600	ACRES
PROPOSED IMPERVIOUS COVER	35.9859	ACRES
INCREASED IMPERVIOUS COVER	0.1259	ACRES
REQUIRED RATE	0.75	
REQUIRED DETENTION VOLUME	0.0945	AC-FT
AVAILABLE DETENTION VOLUME	61.7700	AC-FT
PROVIDED DETENTION VOLUME	0.0945	AC-FT
SURPLUS DETENTION VOLUME	61.6755	AC-FT

LEGEND

- PROPOSED BUILDING LIMITS
- PROPOSED 5.5" CONCRETE SIDEWALK
- PROPOSED SAWCUT
- EXPANSION JOINT
- CONTRACTION JOINT
- PROPOSED LIMITS OF SOLID SOD OF 2" TOPSOIL
- PROPOSED LIMITS OF HYDRO-MULCH ON 4" OF TOPSOIL. (CONTRACTOR IS RESPONSIBLE TO IRRIGATE, MOW, FERTILIZE AND WEED. CONTRACTOR TO ESTABLISH 85% OF GRASS GROWTH BEFORE FINAL ACCEPTANCE).

GENERAL CONSTRUCTION NOTES:

- ALL UNDERGROUND UTILITIES SHOWN ARE NOT GUARANTEED TO BE COMPLETE OR DEFINITE, BUT WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE.
- CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF DISCREPANCIES OCCUR.
- THE LOCATION OF ALL UTILITIES PRESENTED ON THESE DRAWINGS IS 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 HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
- CAUTION! THERE ARE OVERHEAD POWER LINES IN THE WORK AREA. CONTRACTOR SHALL FOLLOW CITY, STATE AND FEDERAL GUIDELINES WHEN WORKING AROUND EXISTING POWER LINES.
- CONTRACTOR TO OBTAIN ALL PERMITS AND APPROVALS REQUIRED PRIOR TO STARTING CONSTRUCTION.
- SIDEWALKS SHALL HAVE A RUN SLOPE NO GREATER THAN 5% AND A CROSS SLOPE NO GREATER THAN 2%, UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE TO FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE PERPENDICULAR OR PARALLEL TO THEIR RESPECTIVE PROPERTY LINES UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DIMENSIONS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE STAGING AND TRAFFIC CONTROL PLANS WITH OWNER.
- ALL DISTURBED AREAS NOT TO BE PAVED OR LANDSCAPED SHALL BE SOODED UPON COMPLETION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE ON SITE DURING ALL CONSTRUCTION ACTIVITIES.
- WATER AND SEWER MAINS SHALL BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH TCEQ RULES AND REGULATIONS.
- CONTRACTOR PERFORMING THE WORK SHALL BE RESPONSIBLE FOR SECURING ALL UTILITY PERMITS, PRIOR TO INSTALLATION OF ANY UTILITIES INCLUDING WATER, SEWER, ELECTRIC, CABLE TELEVISION AND GAS.
- WATER MAINS 4 INCHES THRU 12 INCHES SHALL BE PVC PIPE C900, DR18 AND HAVE A MINIMUM COVER OF 4 FEET.
- SANITARY SEWER PIPE SHALL BE SOLID WALL PIPE SCHEDULE 40 PVC OR C900 DR18 AS MANUFACTURED BY J-M MANUFACTURING, CERTAINTED CORP., DIAMOND PLASTICS CORP., CARLON CO., SDR 26 PER CFSD CONSTRUCTION STANDARDS.
- ALL STORM AND SANITARY SEWER CLEANOUTS SHALL HAVE TRAFFIC-RATED LIDS. CLEANOUTS LOCATED OUTSIDE OF PAVED AREAS SHALL HAVE 18" DIAMETER X 6" THICK REINFORCED CONCRETE PAD WITH TOP OF PAD MATCHING FINISHED GRADE.
- ALL STORM SEWER PIPE SHALL BE HIGH-DENSITY POLYETHYLENE (HDPE) UNLESS OTHERWISE NOTED.
- ALL PROPOSED IRRIGATION PIPING AND APPURTENANCES SHALL BE IN ACCORDANCE WITH DISTRICT STANDARDS. COORDINATE FINAL LAYOUT AND CONTROL WITH DISTRICT.

GENERAL UTILITY KEY NOTES:

- REFER TO MEP PLANS FOR CONTINUATION.
- FIELD VERIFY EXIST. UTILITY LOCATION, SIZE AND DEPTH BEFORE CONSTRUCTION.

DRAINAGE KEY NOTES:

- CONNECT PROPOSED STORM SEWER TO EXISTING STORM SEWER WITH MANUFACTURED WATER-TIGHT FITTING. MATCH EXISTING FLOWLINE.
- CONNECT PROPOSED STORM SEWER TO EXISTING STORM SEWER INLET. MATCH EXISTING FLOWLINE. SEAL WALL PENETRATIONS USING WATER STOP AND NON-SHRINK GROUT.
- CONNECT PROPOSED STORM SEWER TO EXISTING STORM MANHOLE. MATCH EXISTING FLOWLINE. SEAL WALL PENETRATIONS USING WATER STOP AND NON-SHRINK GROUT.
- CONNECT PROPOSED STORM SEWER TO EXISTING STORM SEWER USING WATER-TIGHT MANUFACTURED FITTING. MATCH EXISTING FLOWLINE.
- REDUCE PIPE DIAMETER TO MATCH PLUMBING PIPE DIAMETER AT BUILDING ENTRY POINT USING ECCENTRIC REDUCER. MATCH FLOWLINES.

WASTEWATER KEY NOTES:

- CONNECT PROPOSED SANITARY SEWER TO EXISTING SANITARY MANHOLE. MATCH EXISTING FLOWLINE. SEAL WALL PENETRATIONS USING WATER STOP AND NON-SHRINK GROUT.
- PROPOSED SANITARY SEWER CLEANOUT. CLEANOUTS IN PAVED AREAS SHALL HAVE TRAFFIC RATED LIDS.

WATER KEY NOTES: (SEE IRRIGATION NOTE BELOW)

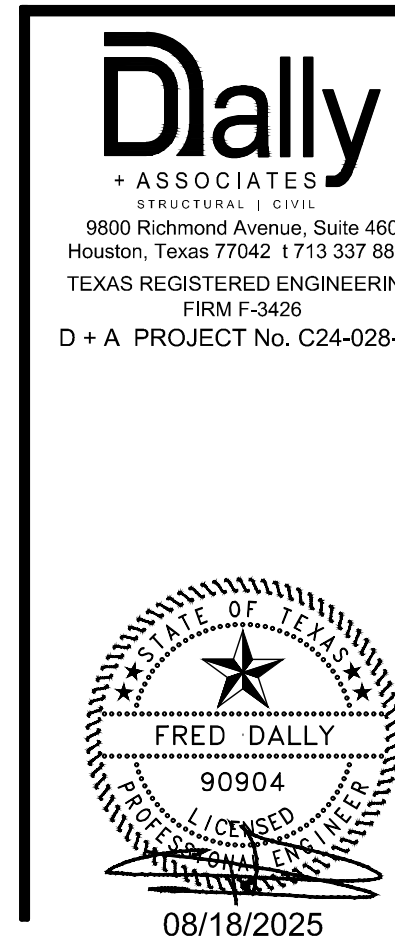
- CONNECT PROPOSED IRRIGATION LINE TO EXISTING IRRIGATION LINE OR APPURTENANCE WITH MANUFACTURED FITTING. MATCH EXISTING SIZE AND MATERIAL.
- RECOMMENDED IRRIGATION LINE LAYOUT.

Date

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Project:



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CIVIL SITE PLAN

Job No.

01818-07-01

Sheet No.

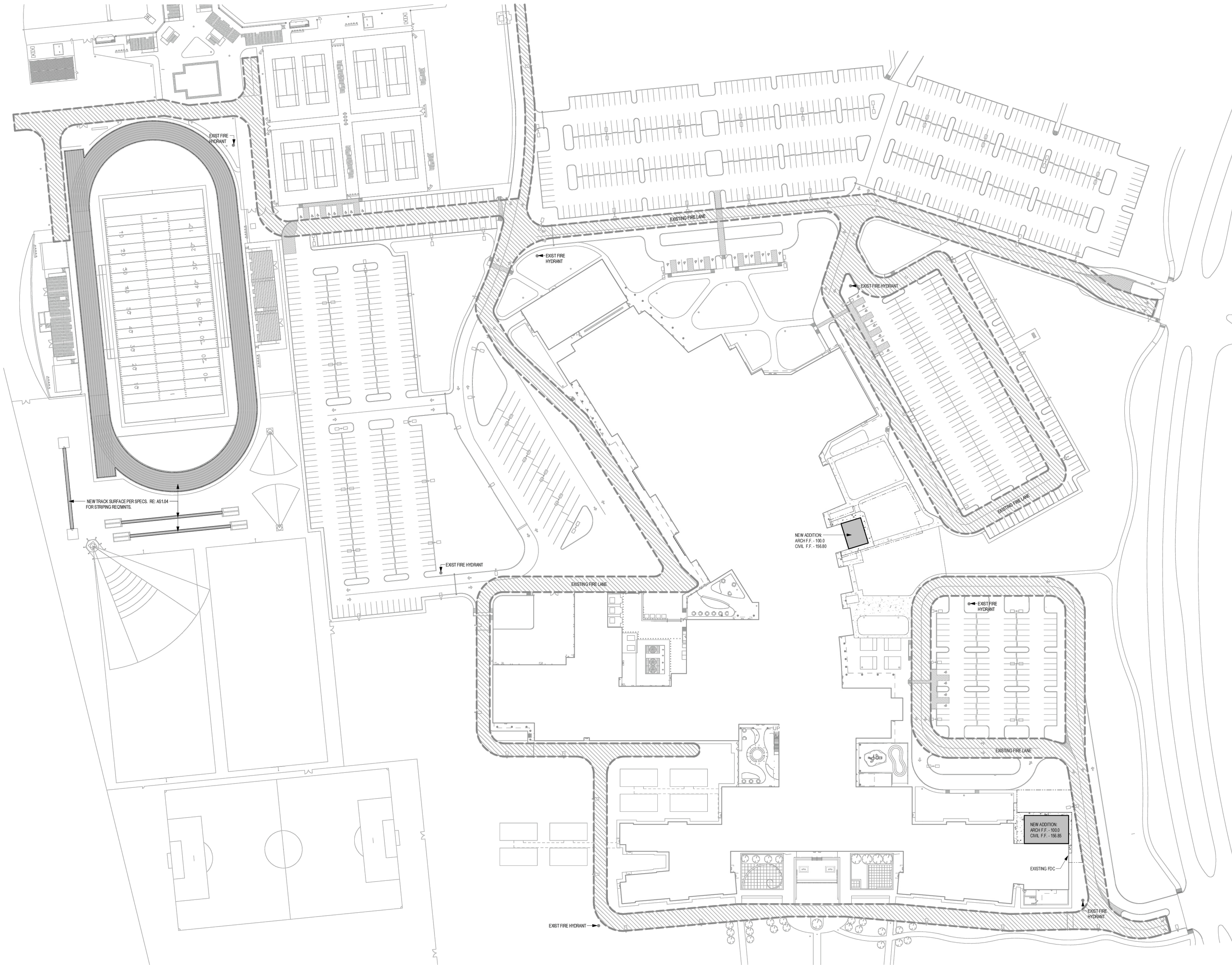
Drawn By:

MN

Date:

08/18/2025

C2.0



1 MASTER SITE PLAN - FIRE LANE
1" = 60'-0"
SHEET SHOWN FOR REFERENCE, NO SCOPE THIS SHEET

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Project: 2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

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OR CONSTRUCTION.
Susan F. Wiles
TX 3604

Huckabee
www.huckabee-inc.com
800.687.1229

ARCHITECTURAL SITE PLAN
- EXISTING FIRE LANE
STRIPING
Job No.
01818-07-01
Drawn By:
MN
Date:
07/20/2025
Sheet No.
AS1.05

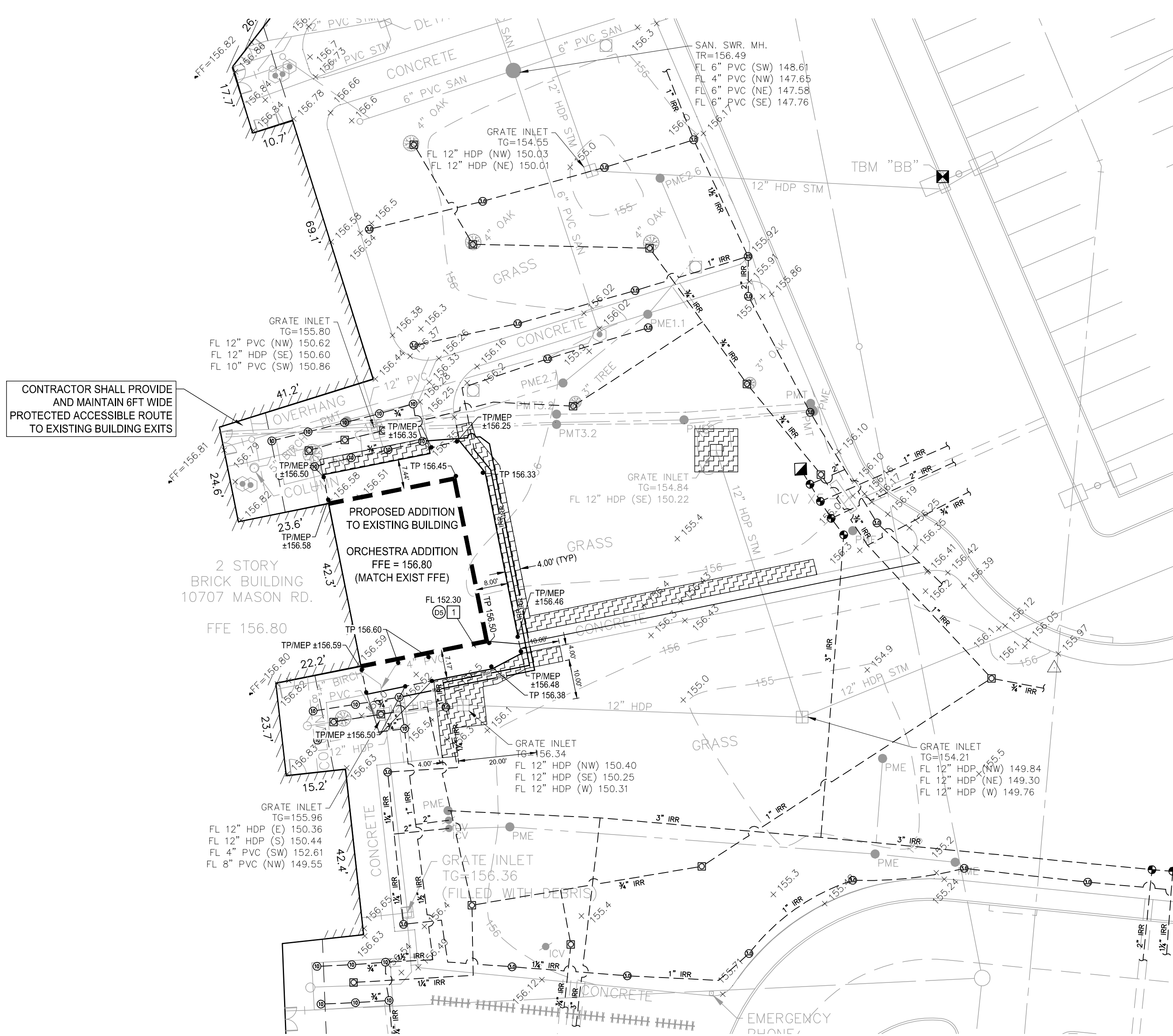
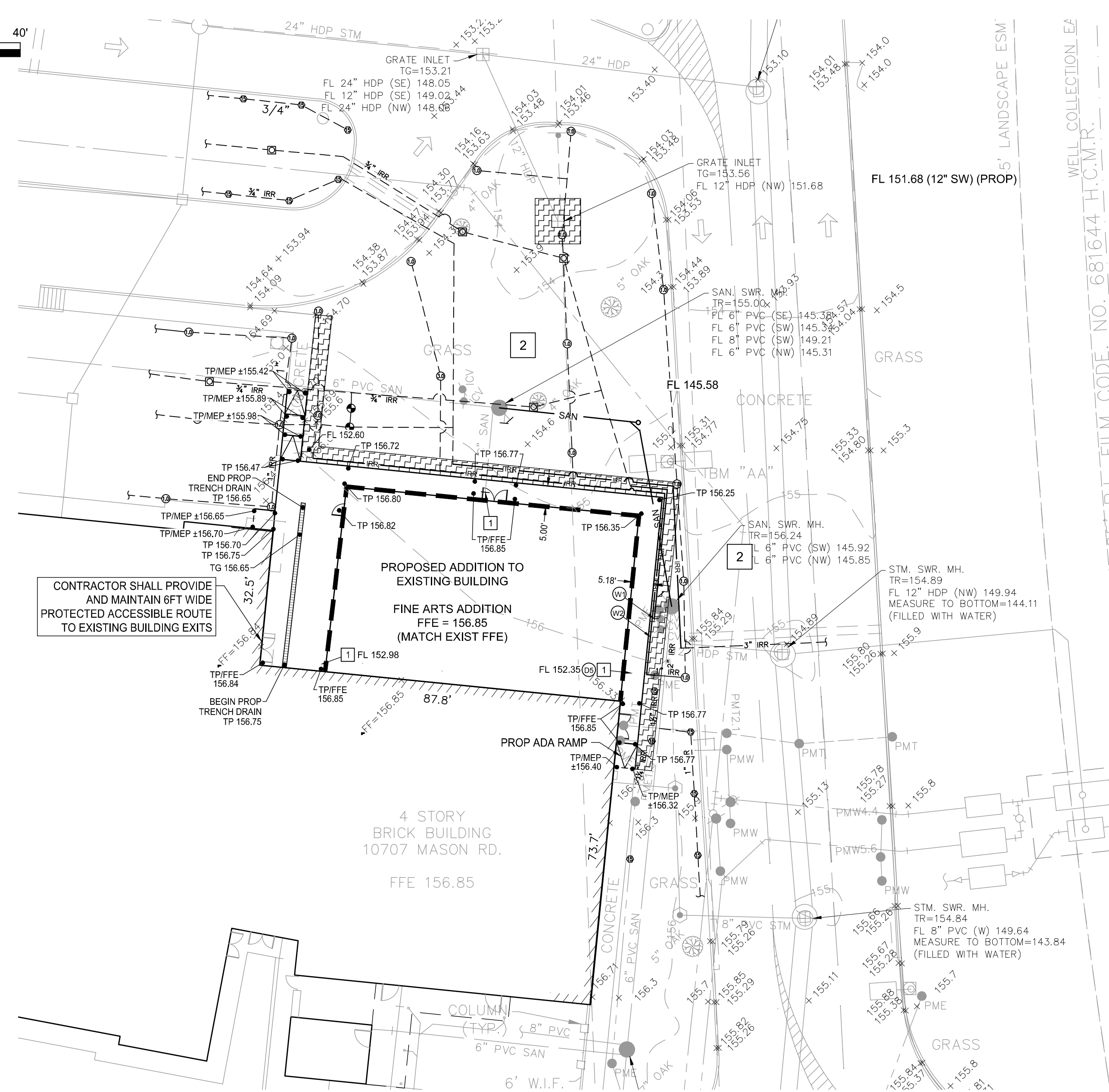
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Project: 2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Daily
+ ASSOCIATES
ARCHITECTS, P.C.
3800 Richmond Avenue, Suite 400
Houston, Texas 77042 1713.337.8881
TEXAS REGISTERED ENGINEERING
FIRM F-4028
D + A PROJECT No. C24-028-00

Huckabee
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EXISTING
FIRE LANE STRIPING
FOR REFERENCE ONLY
Job No.
01818-07-01
Drawn By:
MN
Date:
06/18/2025
Sheet No.
C2.1

**ORCHESTRA ADDITION****ART ADDITION**

LEGEND	
	PROPOSED BUILDING LIMITS
	PROPOSED LIMITS OF SOLID SOD OF 2' TOPSOIL
	ELEVATION
	FINISHED FLOOR ELEVATION
	FINISHED GROUND
	MATCH EXISTING PAVEMENT
	TOP OF GRATE
	TOP OF PAVEMENT

GENERAL CONSTRUCTION NOTES:

- ALL UNDERGROUND UTILITIES SHOWN ARE NOT GUARANTEED TO BE COMPLETE OR DEFINITE, BUT WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE.
- CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF DISCREPANCIES OCCUR.
- THE LOCATION OF ALL UTILITIES PRESENTED ON THESE DRAWINGS IS 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 HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
- CAUTION!!! THERE ARE OVERHEAD POWER LINES IN THE WORK AREA. CONTRACTOR SHALL FOLLOW CITY, STATE AND FEDERAL GUIDELINES WHEN WORKING AROUND EXISTING POWER LINES.
- CONTRACTOR TO OBTAIN ALL PERMITS AND APPROVALS REQUIRED PRIOR TO STARTING CONSTRUCTION.
- SIDEWALKS SHALL HAVE A RUN SLOPE NO GREATER THAN 5% AND A CROSS SLOPE NO GREATER THAN 2%, UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE TO FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE PERPENDICULAR OR PARALLEL TO THEIR RESPECTIVE PROPERTY LINES UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DIMENSIONS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE STAGING AND TRAFFIC CONTROL PLANS WITH OWNER.
- ALL DISTURBED AREAS NOT TO BE PAVED OR LANDSCAPED SHALL BE SODDED UPON COMPLETION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE ON SITE DURING ALL CONSTRUCTION ACTIVITIES.
- WATER AND SEWER MAINS SHALL BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH TCEQ RULES AND REGULATIONS.
- CONTRACTOR PERFORMING THE WORK SHALL BE RESPONSIBLE FOR SECURING ALL UTILITY PERMITS, PRIOR TO INSTALLATION OF ANY UTILITIES INCLUDING WATER, SEWER, ELECTRIC, CABLE TELEVISION AND GAS.

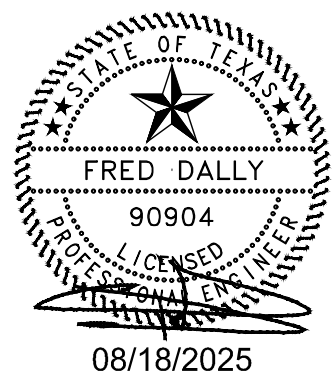
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Revision /

Project:

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

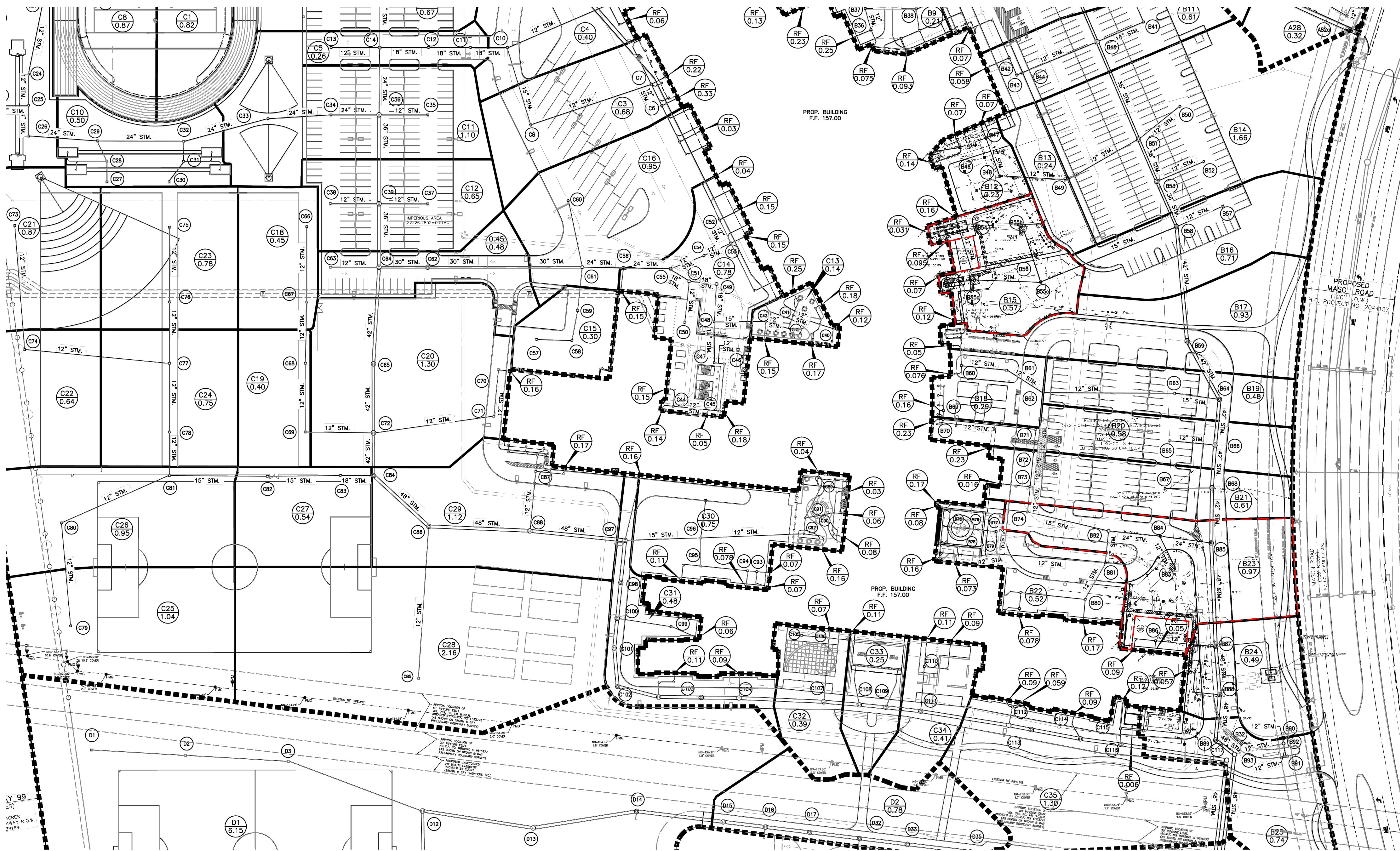
Daily
ASSOCIATES
ARCHITECTS, P.C.
9800 Richmond Avenue, Suite 400
Houston, Texas 77042 713.337.8881
TEXAS REGISTERED ENGINEERING
FIRM # 4428
D + A PROJECT No. C24-028-00



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CIVIL GRADING PLAN

Job No.
01818-07-01
Sheet No.
C3.0
Drawn By:
MN
Date:
08/18/2025



LEGEND

SYMBOL	DESCRIPTION
A1 XXX	DRAINAGE AREA DESIGNATION DRAINAGE AREA (ACRES)
XXX Y.YY	2-YEAR FLOW (C.F.S.) 100-YEAR FLOW (C.F.S.)
---	DRAINAGE AREA BOUNDARY
---	DRAINAGE SUB-AREA BOUNDARY
A1	MANHOLE OR INLET NUMBER
---	DRAINAGE PATTERN

- GENERAL CONSTRUCTION NOTES:**
- ALL UNDERGROUND UTILITIES SHOWN ARE NOT GUARANTEED TO BE COMPLETE OR DEFINITE, BUT WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE.
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NOTE:
THIS DRAINAGE AREA MAP BACKGROUND IS AN EXCERPT FROM THE ORIGINALLY APPROVED HCD PROJECT 2506240160, PROJECT TITLE, DATED 06/24/2025 THAT HAS BEEN MODIFIED TO REFLECT THE IMPROVEMENT FROM THIS SCHOOL ADDITION PROJECT

2 YEAR STORM SEWER CALCULATIONS Bridgeland HS Reno

PREPARED ON: AUG 05, 2025

JOB NO.: C24-028-00

b	48.35
d	9.07
e	0.7244

File Name: P:\00 - PROJECTS\C\ML\2024\C24-028-00 CFISD Bridgeland HS Reno\DESIGN\Drainage\Proposed\C24-028-00 COH_StormCalcs.xlsx\2YR STI

Manhole From	Manhole To	Delta Area	Area (Acres)	Runoff Coefficient C	Sum of C x A	Frequency	Intensity I (In/Hr)	Area Flows (CFS)	Sum of Flows (CFS)	Time of Concentration (Minutes)	Reach Length (Feet)	Diameter or Rise (Inches)	Span (Inches)	Slope %	Mannings "n"	Design Capacity (CFS)	Design Velocity (Ft/S)	Fall (Feet)	Manhole Drop (Feet)	Flowline Elevation Upstream (Feet)	Flowline Elevation Downstream (Feet)	Actual Velocity (Ft/S)	Hydraulic Gradient (%)	Change in Head (Feet)	Hyd. Grad. Upstream (Feet)	Hyd. Grad. Downstream (Feet)	Top of Grate Elevation (Feet)	Difference Hyd. Grate
B54	B55b	0.29	0.29	0.80	0.23	2	3.92	0.90	0.90	23.02	87	12	---	0.44	0.012	2.56	3.26	0.38	0.00	150.80	150.22	1.14	0.05	0.05	151.60	151.22	155.80	4.20
RF	B55a	0.03	0.76	0.80	0.61	2	4.17	0.10	2.53	20.39	16	12	---	1.00	0.012	3.86	4.91	0.16	0.00	152.30	152.14	3.23	0.43	0.07	153.30	153.14	156.80	3.50
RF	B87	0.12	0.12	0.80	0.10	2	4.02	0.39	0.39	21.88	40	12	---	1.00	0.012	3.86	4.91	0.40	0.00	152.35	151.95	0.49	0.01	0.00	153.35	152.95	156.85	3.50
B83A	B83	0.99	0.99	0.80	0.79	2	3.75	2.97	2.97	24.98	70	12	---	1.00	0.012	3.86	4.91	0.70	0.00	152.38	151.68	3.79	0.59	0.42	153.38	152.68	155.40	2.02

100 YEAR STORM SEWER CALCULATIONS Bridgeland HS Reno

PREPARED ON: AUG 05, 2025

JOB NO.: C25-009-00

b	60.66
d	4.44
e	0.5797

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Manhole From	Manhole To	Delta Area	Area (Acres)	Runoff Coefficient C	Sum of C x A	Frequency	Intensity I (In/Hr)	Area Flows (CFS)	Sum of Flows (CFS)	Time of Concentration (Minutes)	Reach Length (Feet)	Diameter or Rise (Inches)	Span (Inches)	Slope %	Mannings "n"	Design Capacity (CFS)	Design Velocity (Ft/S)	Fall (Feet)	Manhole Drop (Feet)	Flowline Elevation Upstream (Feet)	Flowline Elevation Downstream (Feet)	Actual Velocity (Ft/S)	Hydraulic Gradient (%)	Change in Head (Feet)	Hyd. Grad. Upstream (Feet)	Hyd. Grad. Downstream (Feet)	Top of Grate Elevation (Feet)	Difference Hyd. Grate
B54	B55b	0.29	0.29	0.80	0.23	100	8.70	1.99	1.99	23.02	87	12	---	0.44	0.012	2.56	3.26	0.38	0.00	150.80	150.22	2.54	0.27	0.23	151.60	151.22	155.80	4.20
RF	B55a	0.03	0.76	0.80	0.61	100	9.21	0.22	5.60	20.39	16	12	---	1.00	0.012	3.86	4.91	0.16	0.00	152.30	152.14	7.13	2.10	0.34	153.48	153.14	156.80	3.32
RF	B87	0.12	0.12	0.80	0.10	100	8.91	0.86	0.86	21.88	40	12	---	1.00	0.012	3.86	4.91	0.40	0.00	152.35	151.95	1.09	0.05	0.02	153.35	152.95	156.85	3.50
B83A	B83	0.99	0.99	0.80	0.79	2	3.75	2.97	2.97	24.98	70	12	---	1.00	0.012	3.86	4.91	0.70	0.00	152.38	151.68	3.79	0.59	0.42	153.38	152.68	155.40	2.02

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS

FOR

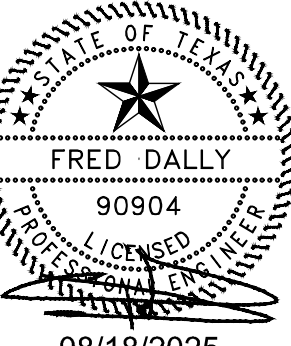
CYPRESS-FAIRBANKS ISD

10707 MASON RD, CYPRESS, TX 77433

Project:

Daily
ASSOCIATES

8800 Richmond Avenue, Suite 400
Houston, Texas 77042 1713 337 8881
TEXAS REGISTERED ENGINEERING
FIRM #A028
D + A PROJECT No. C24-028-00



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CIVIL DRAINAGE AREA MAP

Job No.

01818-07-01

Sheet No.

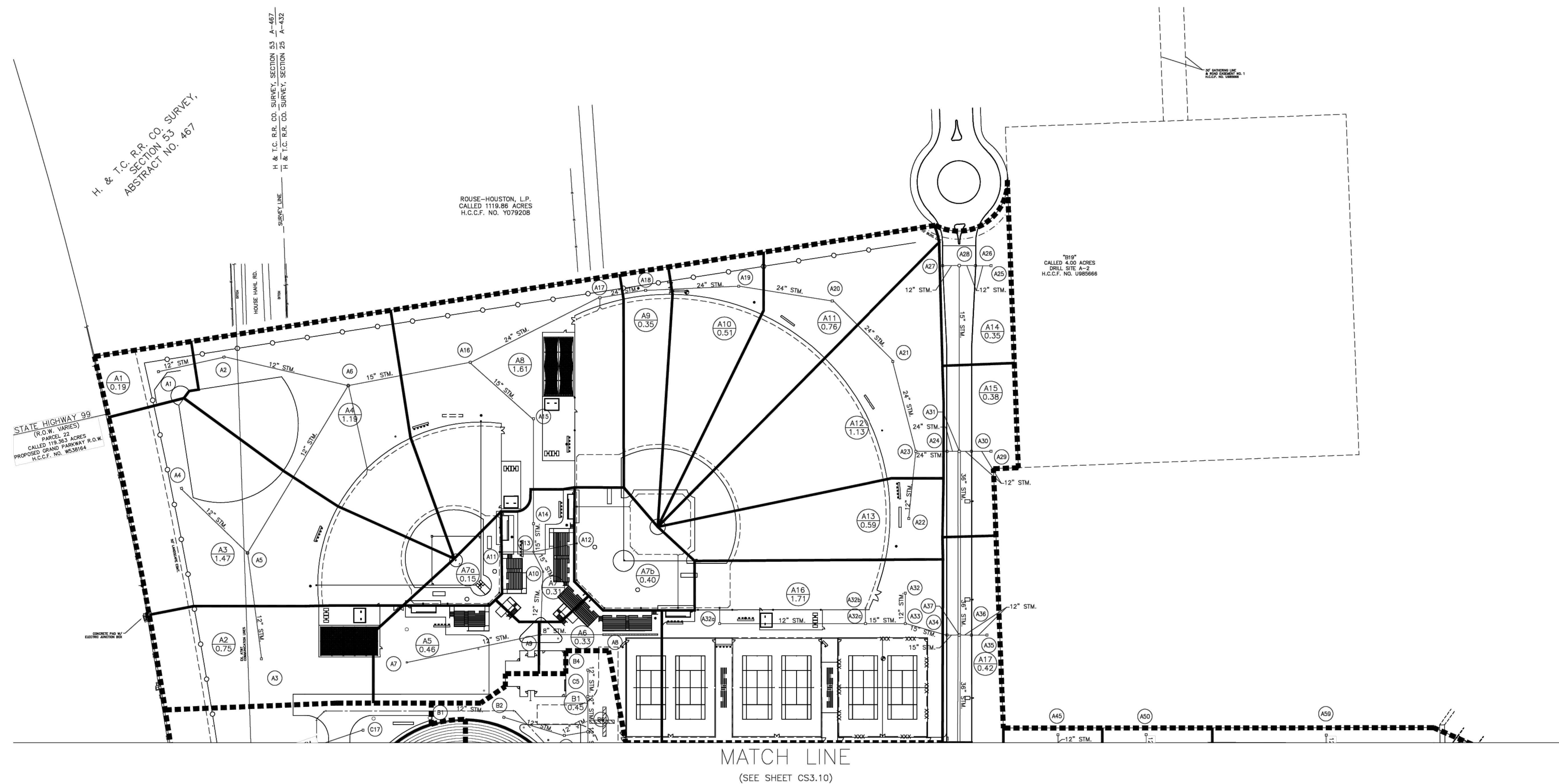
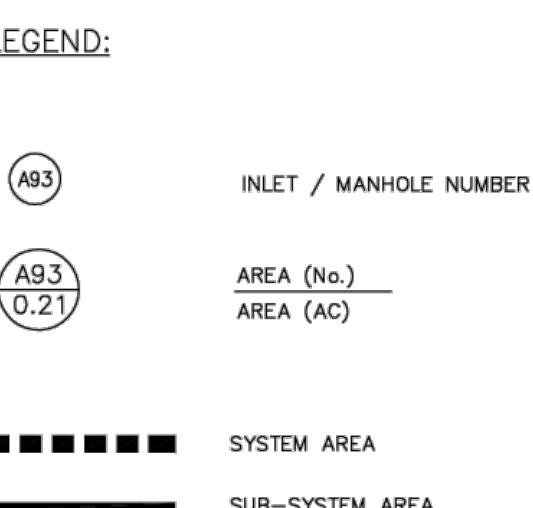
Drawn By:

MM

Date:

08/18/2025

C4.0



NEW HIGH SCHOOL NO. 12
CYPRSS-FAIRBANKS INDEPENDENT
SCHOOL DISTRICT
Cypress, Texas

AS-BUILT DRAWINGS
03/18/2018

PROJECT NO. 201409	
DATE	
DRAWN	
CHECKED	
DATE	ISSUE

CS3.09
DRAINAGE
AREA MAP
(SHEET 1 OF 2)

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Daily
ASSOCIATES
10000
8800 Richmond Avenue, Suite 400
Houston, Texas 77042 1713 337 8881
TEXAS REGISTERED ENGINEERING
FIRM #A008
D + A PROJECT NO. C24-028-00

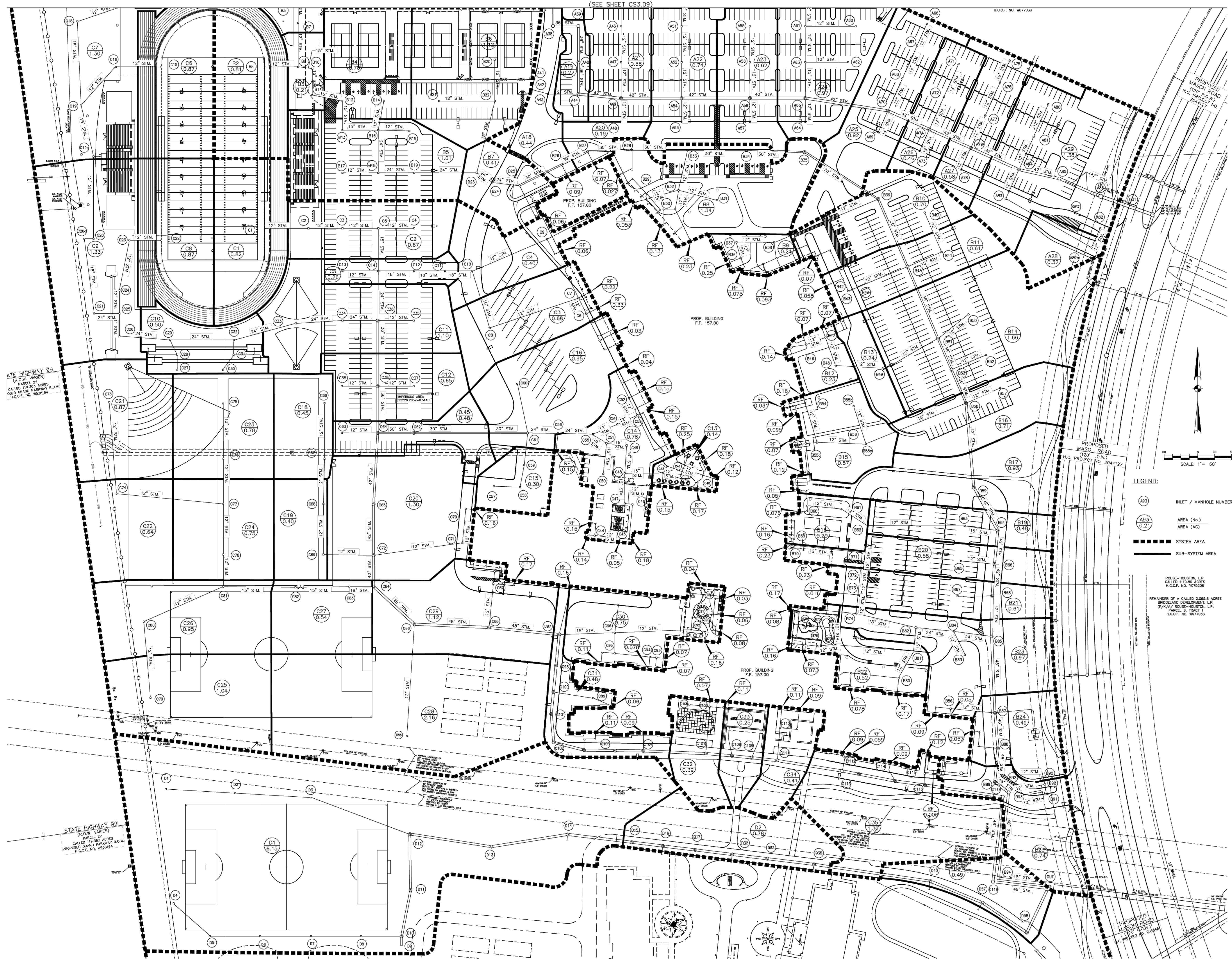
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EXISTING DRAINAGE
AREA MAP (2 OF 2)
REFERENCE ONLY

Job No.
01818-07-01
Sheet No.
C4.2

MATCH LINE

(SEE SHEET CS3.09)



NEW HIGH SCHOOL NO. 12
CYPRESS-FAIRBANKS INDEPENDENT
SCHOOL DISTRICT
Cypress, Texas

AS-BUILT DRAWINGS
03/18/2018

PROJECT NO. 201409
DATE
DRAWN
CHECKED

DATE
ISSUE

CS3.10
DRAINAGE
AREA MAP
(SHEET 2 OF 2)

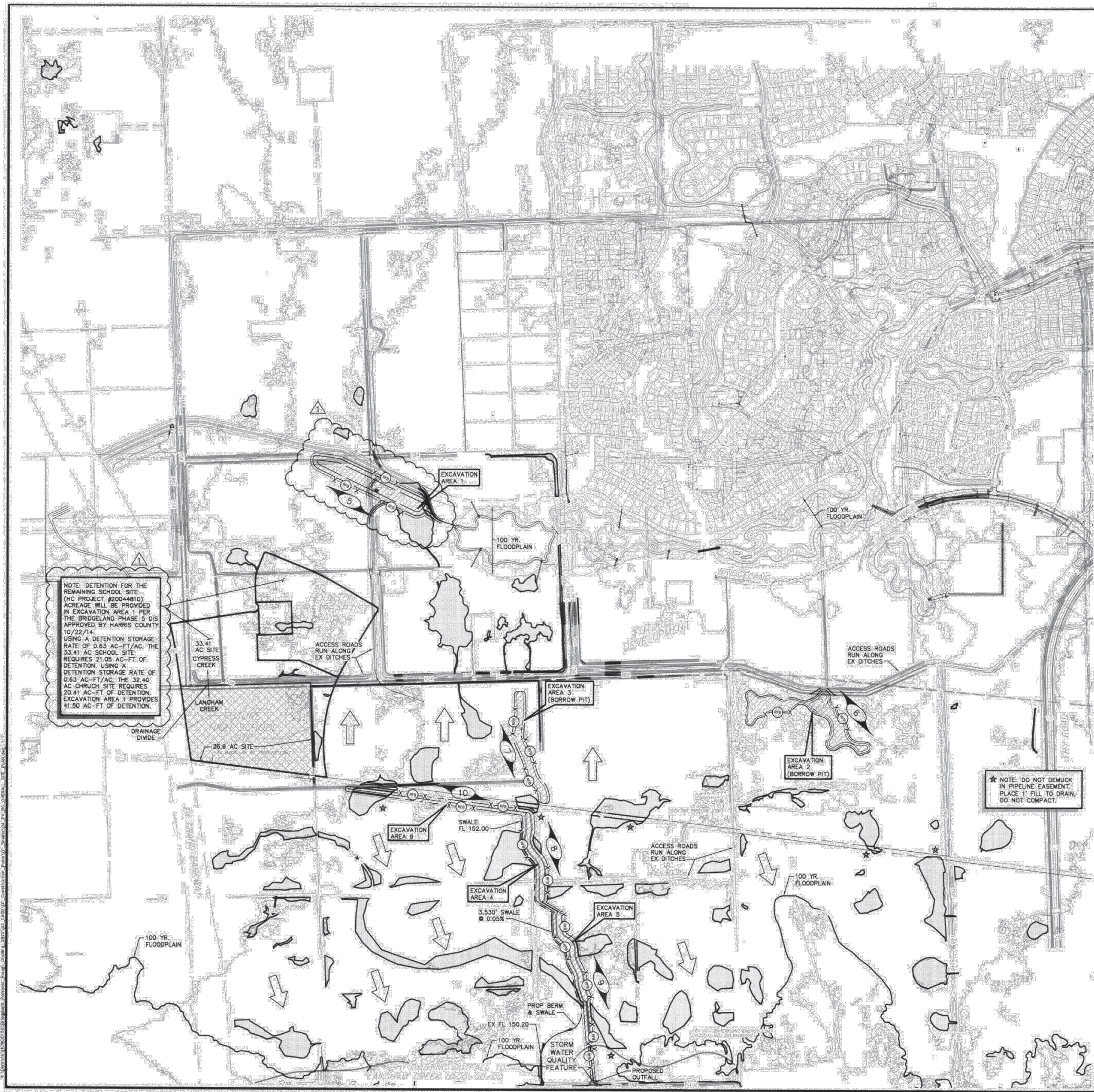
ATE HIGHWAY 99
(R.O.W. VARIES)
PARCEL 22
CALLED 118.363 ACRES
PROPOSED GRADE PARKWAY R.O.W.
H.C.C.F. NO. W030164

STATE HIGHWAY 99
(R.O.W. VARIES)
PARCEL 22
CALLED 118.363 ACRES
PROPOSED GRADE PARKWAY R.O.W.
H.C.C.F. NO. W030164

19 Sep 2018 11:45AM [ymc] jll
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Includes Xref(s): X-Topo.dwg; X-TB.dwg; X-SITE.dwg; X-UTL.dwg; X-DAM_HSI2.dwg
P:2024, Daily + Associates - Civil\24-028-00 CFSD Bridgeland HS Renovation\AS-Built\01818-07-01, Bridgeland HS Renovation, ACCT, V02, D4.rvt
\$20/2024 \$108.32 PM

Brooks & Sparks, Inc. Consulting Engineering														STORM SEWER DESIGN													
Project Information														HGL Starting Elev. (ft): N/A													
Project:		High School #12												Min Cover (ft):		2											
Job No.:		229-0301												Match Cor F:		F		Design Storm:									
System:		A												Min. To (min):		0.013		b = 75.01									
Designed:		GVL												Default n:		0.013		d = 16.20									
Checked:		GVL												Date:		05/20/15		Default Junction K:		N/A		e = 0.83					
Date:		05/20/15																									
From Point	To Point	Area No.	Area (acres) Reach Adj. Com.	C	Tc (min) Pipe Total	I (in/hr)	Flow (cfs) Reach Adj. Com.	Pipe Shape (R/B)	Diam. or Rise (in)	Span (ft)	n	Slope (%)	Design Cap (cfs)	Dist. (ft) Start Reach Com.													
A1	A2	A1	0.19	0.20	22.46	3.59	0.14	R	12		0.013	0.44	2.37	82													
A3	A5	A2	0.75	0.20	24.51	3.44	0.92	R	12		0.013	0.44	2.37	156													
A4-A5	A6	A3	1.47	0.20	26.51	3.31	1.47	R	12		0.013	0.44	2.37	240													
A2-A6	A16	A4	1.19	0.20	27.53	3.24	2.33	R	15		0.013	0.33	3.72	192													
A7	A9	A5	0.46	0.46	23.72	3.50	0.74	R	12		0.013	0.44	2.37	162													
A8	A9	A6	0.33	0.80	23.23	3.53	0.93	R	8		0.013	1	1.21	82													
A9	A10	-	0	0.60	24.99	3.43	1.64	R	12		0.013	0.44	2.37	77													
A10	A13	A7	0.31	0.62	25.17	3.40	2.32	R	15		0.013	0.33	3.72	27													
A11	A13	A7a	0.15	0.20	22.16	3.62	0.11	R	10		0.013	1	2.20	41													
A12	A13	A7b	0.40	0.20	23.51	3.51	0.28	R	10		0.013	1	2.20	54													
A13	A14	-	0.00	0.48	25.92	3.34	2.65	R	15		0.013	0.33	3.72	34													
A14	A15	-	1.65	0	25.92	3.34	2.65	R	15		0.013	0.33	3.72	129													
A15	A16	-	0.00	0.48	25.92	3.34	2.65	R	15		0.013	0.33	3.72	104													
A16	A17	A8	1.61	0.27	29.04	3.15	5.78	R	24		0.013	0.18	9.62	178													
A17	A18	-	0.00	0.27	29.04	3.15	5.78	R	24		0.013	0.18	9.62	57													
A18	A19	A9	7.21	0.26	29.16	3.14	5.99	R	24		0.013	0.18	9.62	114													
A19	A20	A10	7.72	0.26	29.33	3.13	6.29	R	24		0.013	0.18	9.62	116													
A20	A21	A11	0.76	0.26	29.57	3.12	6.74	R	24		0.013	0.18	9.62	105													
A21	A23	A12	1.13	0.25	29.90	3.10	7.40	R	24		0.013	0.18	9.62	114													
A22	A23	A13	0.59	0.20	24.11	3.47	0.41	R	12		0.013	0.44	2.37	83													
A23	A24	-	0	0.25	30.05	3.09	7.74	R	24		0.013	0.18	9.62	38													
A25-A28	A31	A14	0.35	0.44	23.31	3.53	0.54	R	15		0.013	0.33	3.72	227													
A24-A31	A37	A15	0.38	0.26	30.24	3.08	8.70	R	36		0.013	0.11	22.18	225													
A32-A33	A34	A16	1.71	0.54	25.99	3.34	3.07	R	15		0.013	0.33	3.72	63													
A37	A38	A17	0.42	0.30	30.72	3.06	12.02	R	36		0.013	0.11	22.18	165													
A38	A39	-	0.00	0.30	30.72	3.06	12.02	R	36		0.013	0.11	22.18	45													
A41-A43	A44	A18	0.44	0.70	23.65	3.50	1.09	R	12		0.013	0.44	2.37	54													
A39-A44	A49	A19	0.22	0.32	30.86	3.05	13.38	R	42		0.013	0.1	31.90	76													
A45	A49	A20	13.72	0.19	0.64	3.59	0.44	R	12		0.013	0.44	2.37	42													
A45-A49	A54	A21	0.58	0.34	31.01	3.04	15.13	R	42		0.013	0.1	31.90	108													
A50-A54	A58	A22	0.74	0.37	31.15	3.03	16.99	R	42		0.013	0.1	31.90	121													
A55-A58	A65	A23	15.23	0.62	31.27	3.03	18.36	R	42		0.013	0.1	31.90	99													
A59-A65	A70	A24	16.82	0.57	31.41	3.02	20.65	R	42		0.013	0.1	31.90	149													
A67-A70	A74	A25	0.62	0.42	31.59	3.01	22.06	R	42		0.013	0.1	31.90	81													
A71-A74	A79	A26	17.74	0.46	31.67	3.01	23.74	R	42		0.013	0.1	31.90	81													
A75-A79	A84	A27	18.20	0.44	31.76	3.00	24.84	R	42		0.013	0.1	31.90	94													
A82	A83	A28	0.32	0.50	23.18	3.54	0.57	R	12		0.013	0.44	2.37	175													
A80-A84	A85	A29	1.38	0.45	32.02	2.99	27.40	R	42		0.013	0.1	31.90	74													
A85	A86	-	0.00	0.45	32.02	2.99	27.40	R	42		0.013	0.1	31.90	64													
A86	-	-	0	0.45	32.02	2.99	27.40	R	Exist	60	0.013	0.06	63.97	72													
OUT	OUT	-	20.48	32.02	2.99	27.40																					

Brooks & Sparks, Inc. Consulting Engineering										STORM SEWER DESIGN				
Project Information										HGL Starting Elev. (ft): N/A				
Project:		High School #12								Min Cover (ft):		2		
Job No.:		229-0301								Match Cor F:		F		
System:		B								Min. To (min):		0.013		
Designed:		GVL								Default n:		0.013		
Checked:		GVL								Default Junction K:		N/A		
										Date:		05/20/15		
										Date:		05/20/15		
										Date:		05/20/15		
										Date:		05/20/15		
										Date:		05/20/15		
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SWMP PERMIT REQUIREMENTS

"UPON COMPLETION OF CONSTRUCTION THE PERMANENT STORM WATER QUALITY FEATURE WILL BE CLEANED OF ALL SEDIMENT AND DEBRIS THAT MAY HAVE ACCUMULATED. ADDITIONALLY ALL DISTURBED AREAS RELATED TO THIS PROJECT WILL BE COMPLETELY STABILIZED. THIS WILL BE DONE PRIOR TO SUBMITTING AN AS-BUILT CERTIFICATE AND CALLING FOR FINAL INSPECTION. HARRIS COUNTY ENGINEERING WILL NOT PASS THE FINAL INSPECTION OR ISSUE THE CERTIFICATE OF COMPLIANCE UNTIL THE REQUIRED FINAL CLEANOUT AND STABILIZATION HAVE BEEN COMPLETED. THE DEVELOPMENT IS NOT APPROVED FOR OPERATION UNTIL A CERTIFICATE OF COMPLIANCE HAS BEEN ISSUED."

LEGEND

- EXCAVATION AREAS
- FILL AREAS
- 49.8 AC. SWQ SERVICE AREA
- REINFORCED FILTER FABRIC BARRIER (SEE SPEC. ITEM 4311)
- OVERLAND FLOW DIRECTION

VICINITY MAP

N.T.S.

KEY MAP: 365 Q, R, U, V, Y, & Z AND 366 S, T, W & X
LAMBERT TILE: 4464 A, B, C & D 4465C AND 4564 A & C
ZIP CODE: 77433

EXCAVATION SUMMARY

EXCAVATION AREA	EXCAVATION AMOUNT (CY)
1	145,925
2	113,675
3	42,065
4	40,671
5	65,902
6	28,841
TOTAL	437,079

FILL SUMMARY AREAS A-CA

TOTAL AREA	572,929 SY
TOTAL DEMUCK 8"	127,317 CY
TOTAL FILL 20" (8" FROM DEMUCK + 12" FILL WITH 20% COMPACTION)	397,873 CY

INTERIM DETENTION SUMMARY - CY FAIR ISD HIGH SCHOOL NO. 12 IN BRIDGELAND PARKLAND VILLAGE

	UNITS
BASIN SERVICE AREA (36.9 AC SCHOOL SITE + 12.1 AC DETENTION BASIN)	49.0 AC
REQUIRED 100-YR STORAGE RATE	0.55 AC-FT/AC
REQUIRED 100-YR STORAGE VOLUME	27.0 AC-FT
DESIGN 100-YR WATER SURFACE ELEVATION	150.81 FT
ACTUAL 100-YR WATER SURFACE ELEVATION	150.91 FT
PROVIDED 100-YR DETENTION STORAGE VOLUME	31.0 AC-FT
100-YR DETENTION STORAGE RATE PROVIDED	0.57 AC-FT/AC
100-YR ALLOWABLE OUTFLOW RATE	84 CFS
100-YR OUTFLOW RATE PROVIDED	35 CFS
100-YR VELOCITY THROUGH OUTLET PIPE	5.6 FPS
TARGET 10-YR STORAGE RATE	0.33 AC-FT/AC
TARGET 10-YR STORAGE VOLUME	16.2 AC-FT
DESIGN 10-YR WATER SURFACE ELEVATION	149.76 FT
ACTUAL 10-YR WATER SURFACE ELEVATION	149.73 FT
PROVIDED 10-YR DETENTION STORAGE VOLUME	16.0 AC-FT
10-YR DETENTION STORAGE RATE PROVIDED	0.33 AC-FT/AC
10-YR ALLOWABLE OUTFLOW RATE	52 CFS
10-YR OUTFLOW RATE PROVIDED	19 CFS
10-YR VELOCITY THROUGH OUTLET PIPE	3.0 FPS
DETENTION BASIN OUTLET PIPE	(2) 24 IN
OUTLET PIPE TYPE	CMF

NOTE: DETENTION PROVIDED IS STRICTLY AN INTERIM CONDITION FEATURE. ULTIMATELY, DETENTION WILL BE PROVIDED IN THE UPPER LANHAM CREEK FRONTIER CHANNEL, BOTH HCFCD AND HCFID OFFERED NO OBJECTIONS TO THIS DETENTION CONCEPT IN A MEETING ON AUGUST 26, 2014.

NOTE: DETENTION AND OUTFALL TO BE MAINTAINED BY HOWC/D 159.

NOTE: DO NOT DEMUCK IN PIPELINE EASEMENT. PLACE 1" FILL TO DRAIN, DO NOT COMPACT.

NOTE: DETENTION FOR THE REMAINING SCHOOL SITE (HC PROJECT #20044810) ACREAGE WILL BE PROVIDED IN EXCAVATION AREA 1 PER THE BRIDGELAND PHASE 5 DIS APPROVED BY HARRIS COUNTY 10/22/14. USING A DETENTION STORAGE RATE OF 0.63 AC-FT/AC, THE 33.41 AC SCHOOL SITE REQUIRES 21.05 AC-FT OF DETENTION. USING A DETENTION STORAGE RATE OF 0.63 AC-FT/AC, THE 32.40 AC CHURCH SITE REQUIRES 20.41 AC-FT OF DETENTION. EXCAVATION AREA 1 PROVIDES 41.50 AC-FT OF DETENTION.

VERIFICATION OF PRIVATE UTILITY LINES

Date: _____

CenterPoint Energy/Natural Gas Facilities Verification ONLY
(This signature verifies that you have shown CNP Natural Gas lines correctly and do not need for perfect verification.) (CNP service lines are not shown.)
Signature: _____ Valid for six months.

Date: _____

CenterPoint Energy/Underground Electric Facilities Verification ONLY
(This signature verifies existing underground facilities - not to be used for perfect verification.)
Signature: _____ Valid for six months.

Approved for A/E/C: Texas/SWMT underground conduit facilities only.
Signature: _____ Valid for one year.

REV. NO.	DATE	DESCRIPTION	P.E. APPR.
1	01/20/2016	REVISED EXCAVATION AREA 1 & CONTOURS	

HARRIS COUNTY W.C.I.D. 159

CY FAIR ISD HIGH SCHOOL NO. 12 INTERIM DETENTION AND BRIDGELAND PARKLAND VILLAGE ROUGH GRADING

OVERALL SITE LAYOUT AND STORM WATER POLLUTION PREVENTION PLAN AND SWQMP LAYOUT

JOB NUMBER: 2822-00

SUBMITTED: BROWN & GAY ENGINEERS, INC.
SCALE: 1"=400'
DATE: MAY 2015
SURVEY BY: BROWN & GAY ENGINEERS, INC.
C.B. NO.

DESIGNED BY: A.M.
DRAWN BY: TAW
SHEET NO. 4 OF 21 SHEETS
CITY: DWG: NO.

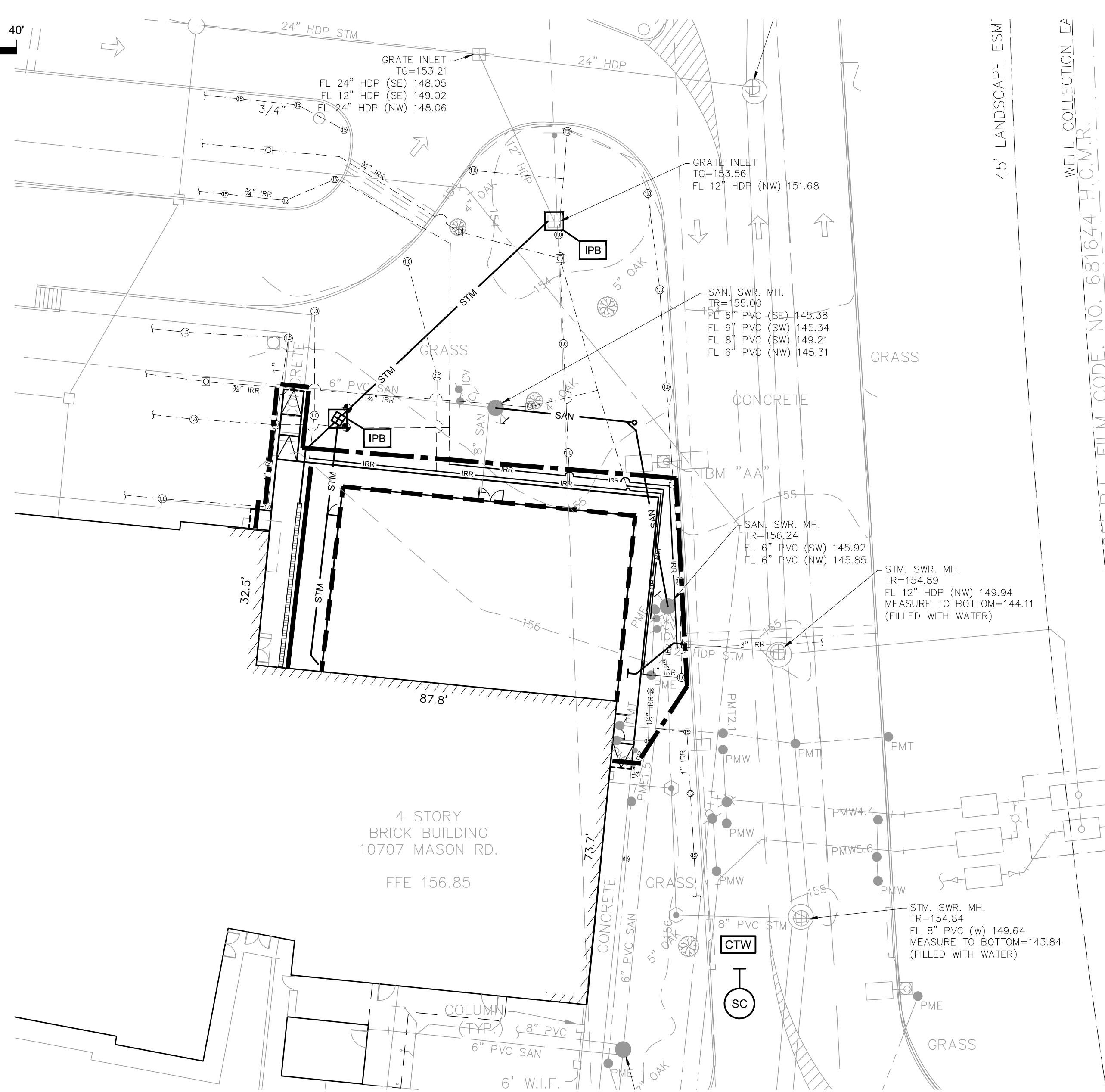
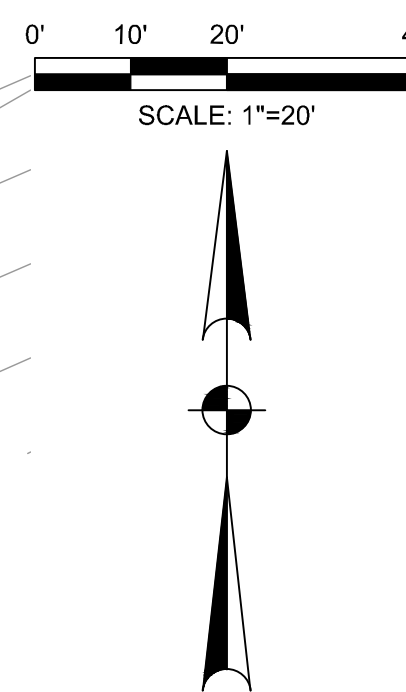
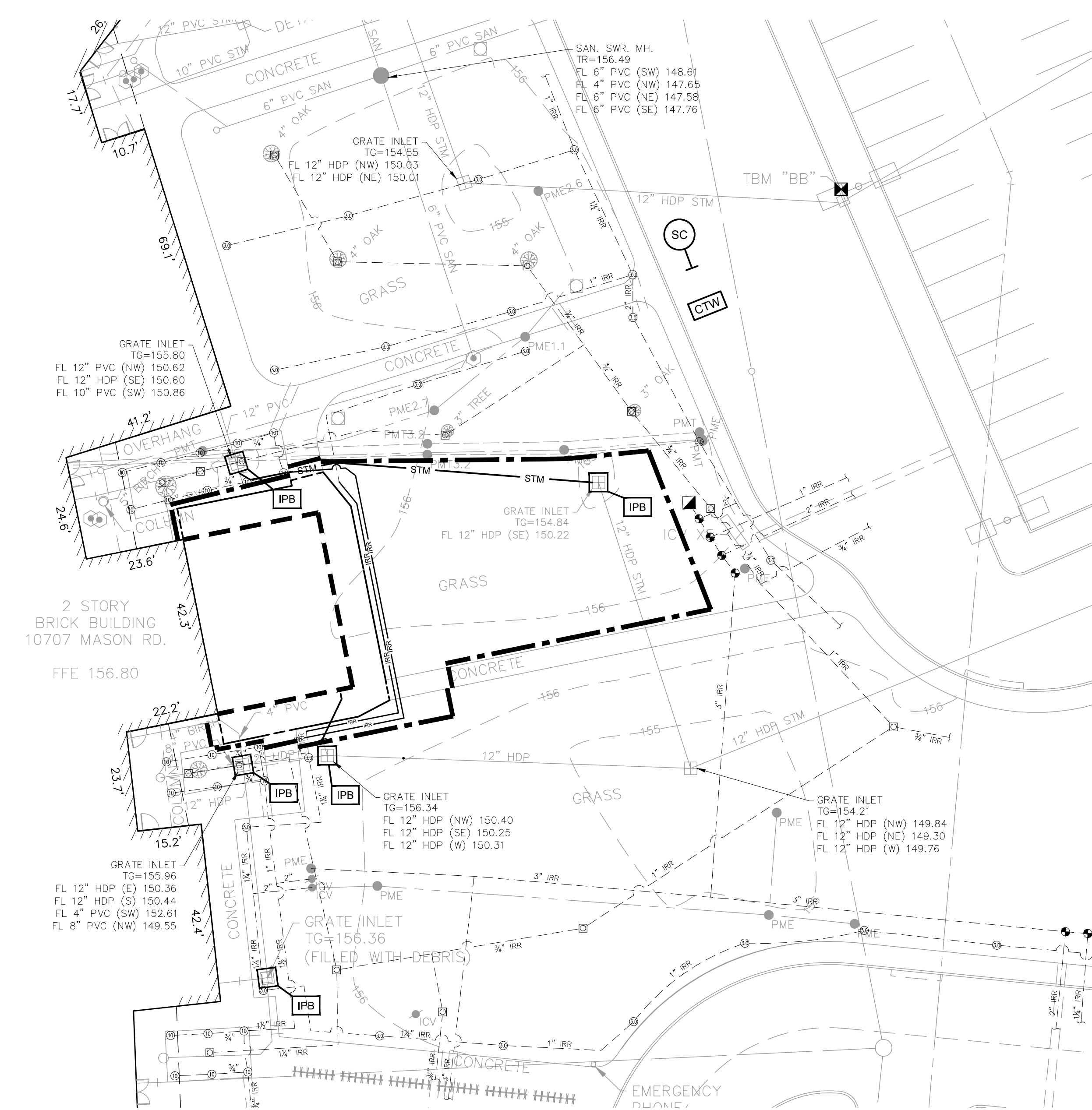
2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Daily
ASSOCIATES
INCORPORATED
8800 Richmond Avenue, Suite 400
Houston, Texas 77042 1713 337 8881
TEXAS REGISTERED ENGINEERING
FIRM #408
D + A PROJECT NO. C24-028-00

Huckabee
www.huckabee-inc.com
800.687.1229

EXISTING DETENTION SERVICE AREA MAP FOR REFERENCE ONLY

Job No. 01818-07-01	Sheet No. C4.4
Drawn By: MN	
Date: 06/18/2025	



LEGEND	
	PROPOSED BUILDING LIMITS
	INLET PROTECTION BARRIER
	FILTER FABRIC FENCE
	STABILIZED CONSTRUCTION ACCESS
	CONCRETE TRUCK WASHOUT
	SILT SOCK

GENERAL CONSTRUCTION NOTES

- ALL UNDERGROUND UTILITIES SHOWN ARE NOT GUARANTEED TO BE COMPLETE OR DEFINITE, BUT WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE.
- CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF DISCREPANCIES OCCUR.
- THE LOCATION OF ALL UTILITIES PRESENTED ON THESE DRAWINGS IS 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 HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
- CONTRACTOR TO OBTAIN ALL PERMITS AND APPROVALS REQUIRED PRIOR TO STARTING CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE STAGING AND TRAFFIC CONTROL PLANS WITH OWNER.
- ALL DISTURBED AREAS SHALL BE SODDED UPON COMPLETION IF NOT TO BE PAVED OR LANDSCAPED.
- CONTRACTOR SHALL UTILIZE TEMPORARY EROSION CONTROL MAT OR EQUAL DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ENSURING WATER QUALITY CONTROLS MEET TCEQ STANDARDS.

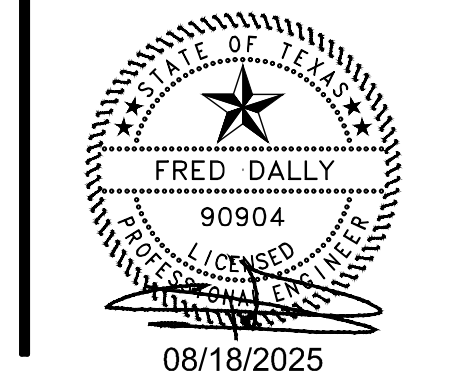
SWPPP CONSTRUCTION NOTES:

- ALL AREAS WHERE EXISTING VEGETATION AND GRASS COVER HAVE BEEN BARED BY CONSTRUCTION SHALL BE ADEQUATELY BLOCK SODDED OR HYDROMULCHED AND WATERED UNTIL GROWTH IS ESTABLISHED. IN DEVELOPED AREAS WHERE GRASS IS PRESENT, BLOCK SOD WILL BE REQUIRED. BARED AREAS SHALL BE SEEDED OR SODDED WITHIN 14 CALENDAR DAYS OF LAST DISTURBANCE.
- APPROVED EROSION CONTROL MEASURES MUST BE INSTALLED DURING THE ENTIRE TIME THAT EARTH HAS BEEN BARED BY CONSTRUCTION AND SHALL STAY IN PLACE UNTIL ACCEPTABLE VEGETATIVE GROWTH IS ESTABLISHED AFTER CONSTRUCTION IS COMPLETE AND THEN REMOVED BY CONTRACTOR.
- ALL EROSION CONTROL MEASURES SHALL BE CLEANED AFTER EVERY RAIN.
- CONTRACTOR SHALL ENTER AND EXIT SITE FROM EXISTING DRIVEWAY.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Daily
ASSOCIATES
ENGINEERS, ARCHITECTS, PLANNERS
9800 Richmond Avenue, Suite 400
Houston, Texas 77042 713.337.8881
TEXAS REGISTERED ENGINEERING
FIRM #4028
D + A PROJECT No. C24-028-00



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STORMWATER POLLUTION PREVENTION PLAN

Job No. 01818-07-01	Sheet No. C5.0
Drawn By: MN	
Date: 08/18/2025	

Date

Revision /

Project:

2024 BRIDGELAND HS ADDITION & RENOVATIONS

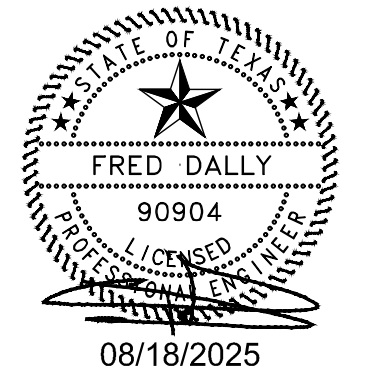
FOR

CYPRESS-FARBANKS ISD

10707 MASON RD, CYPRESS, TX 77433

Project:

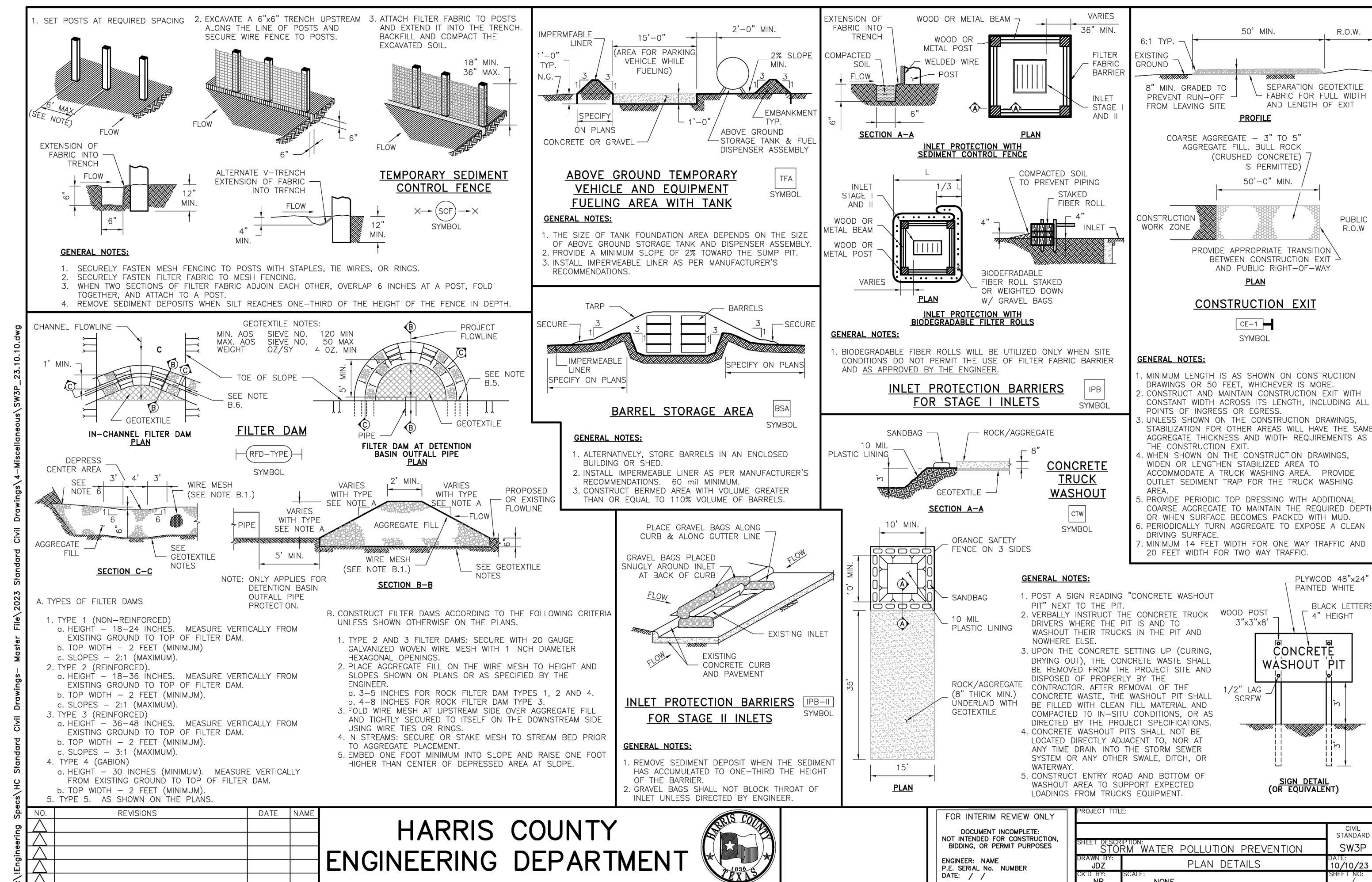
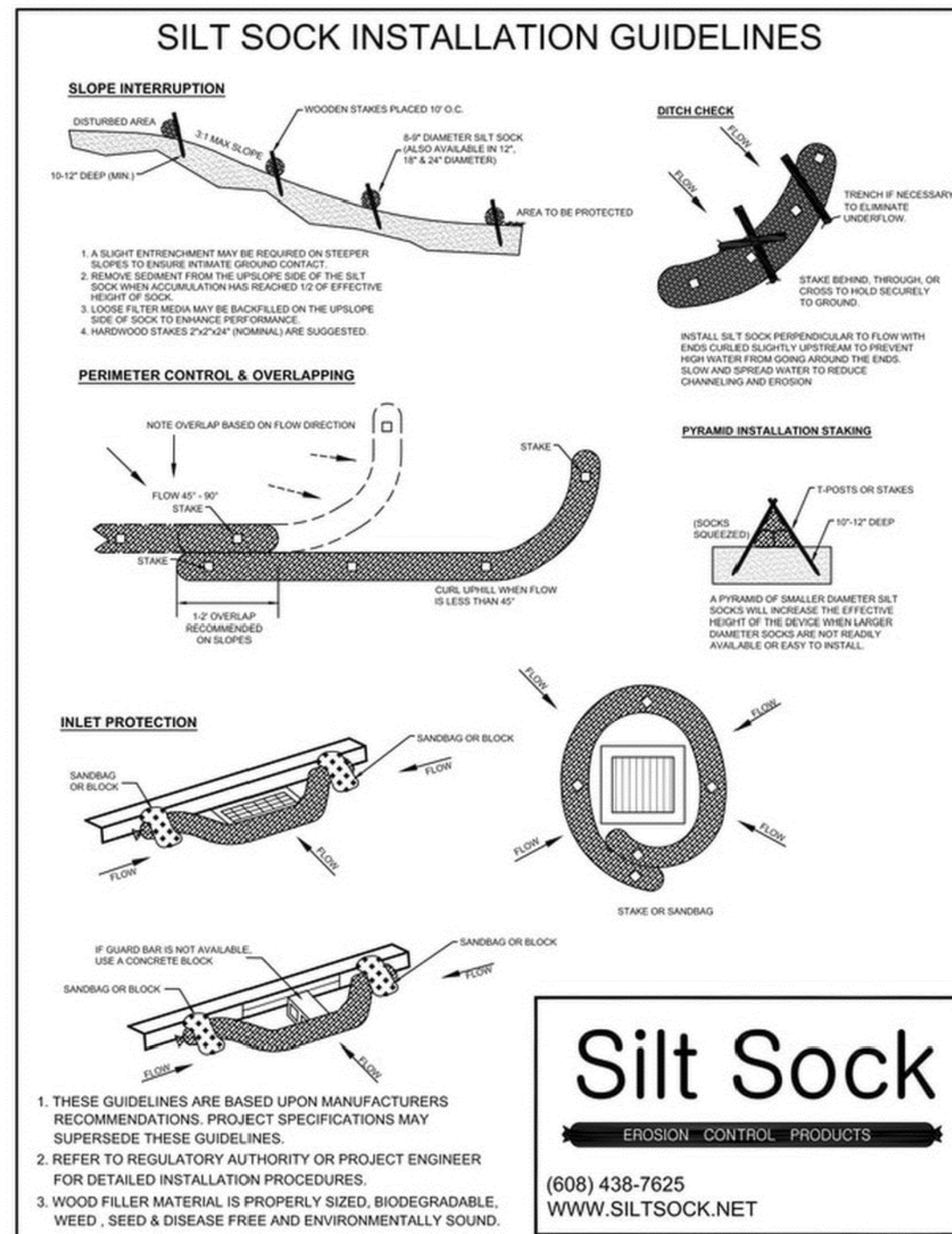
Daily
ASSOCIATES
8800 Richmond Avenue, Suite 400
Houston, Texas 77042 1713 337 8881
TEXAS REGISTERED ENGINEERING
FIRM #A08
D + A PROJECT NO. C24-028-00



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MISCELLANEOUS DETAILS
SHEET 1 OF 2

Job No.
01818-07-01
Sheet No.
C6.0
Drawn By:
MN
Date:
08/18/2025



HARRIS COUNTY
ENGINEERING DEPARTMENT



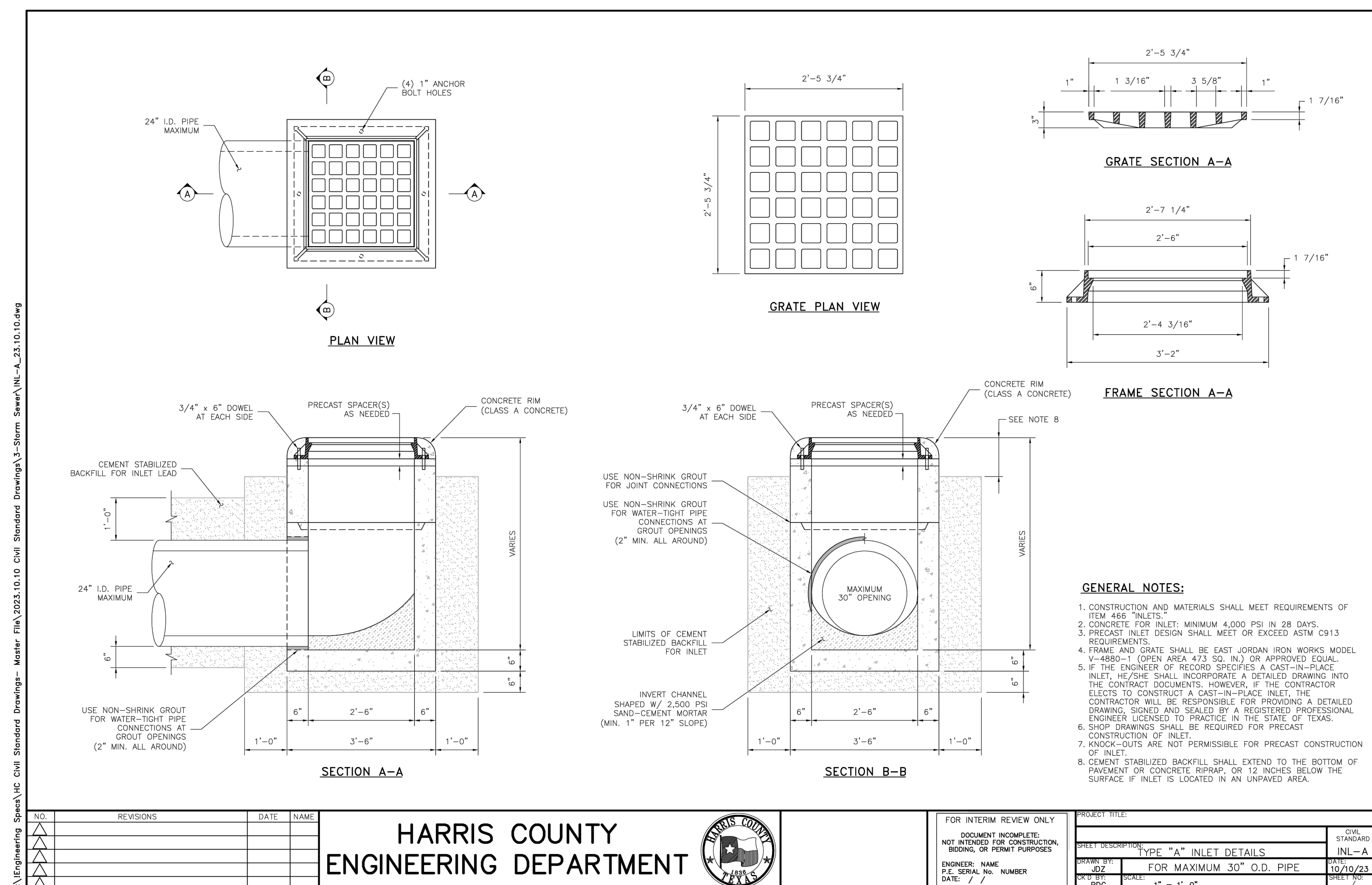
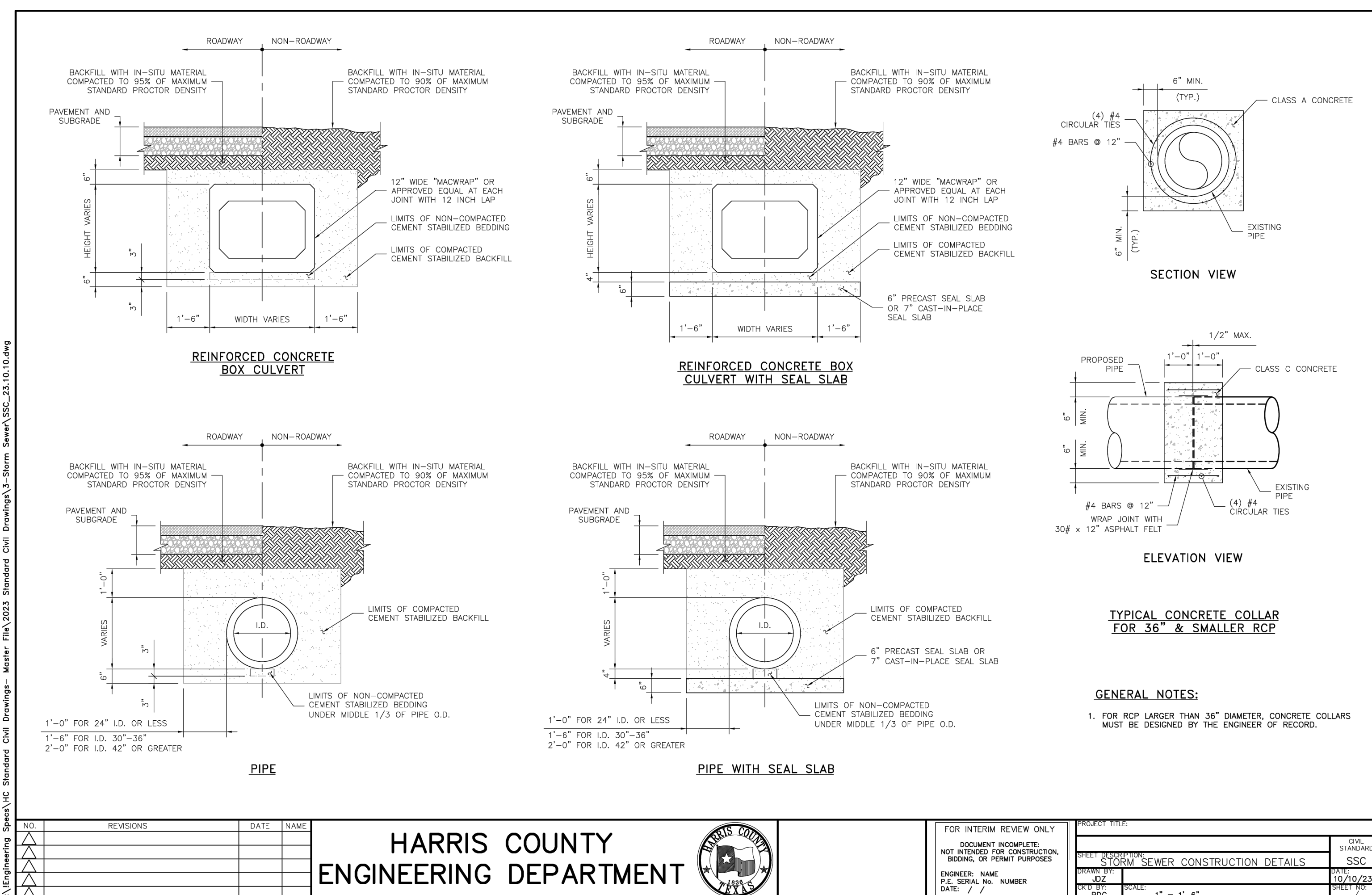
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ENGINEER: NAME
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P.E. SEAL NO.:
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HARRIS COUNTY
ENGINEERING DEPARTMENT



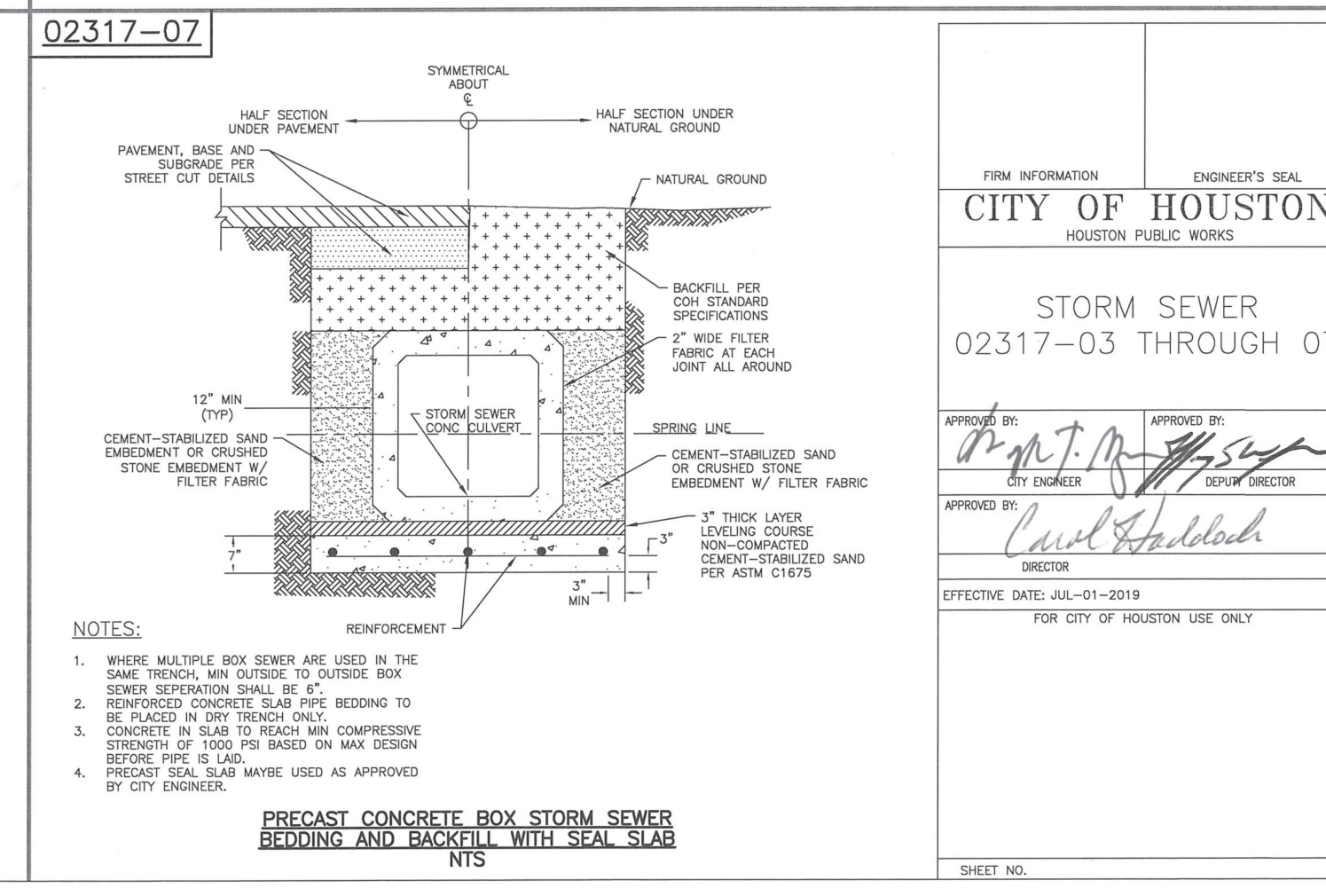
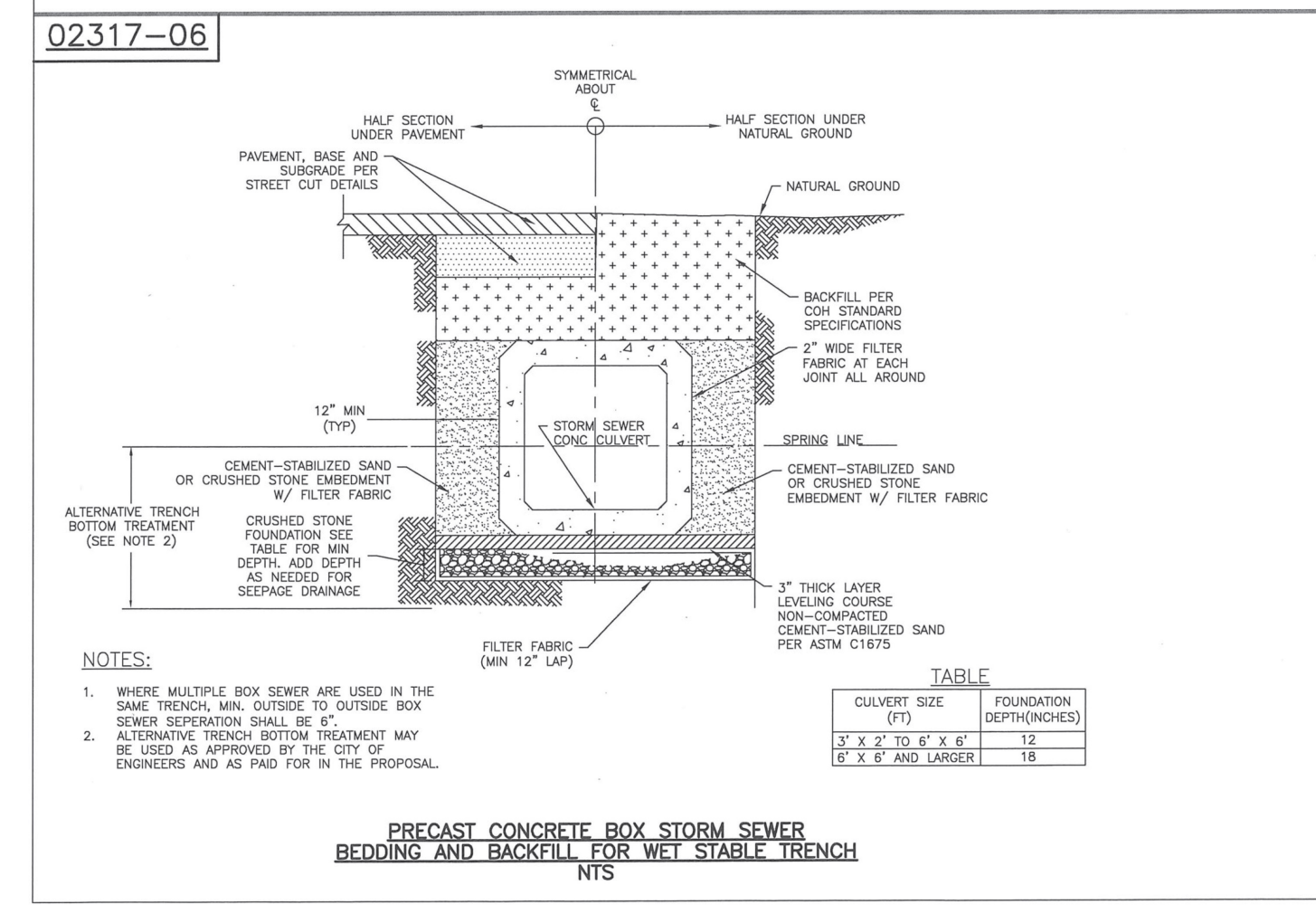
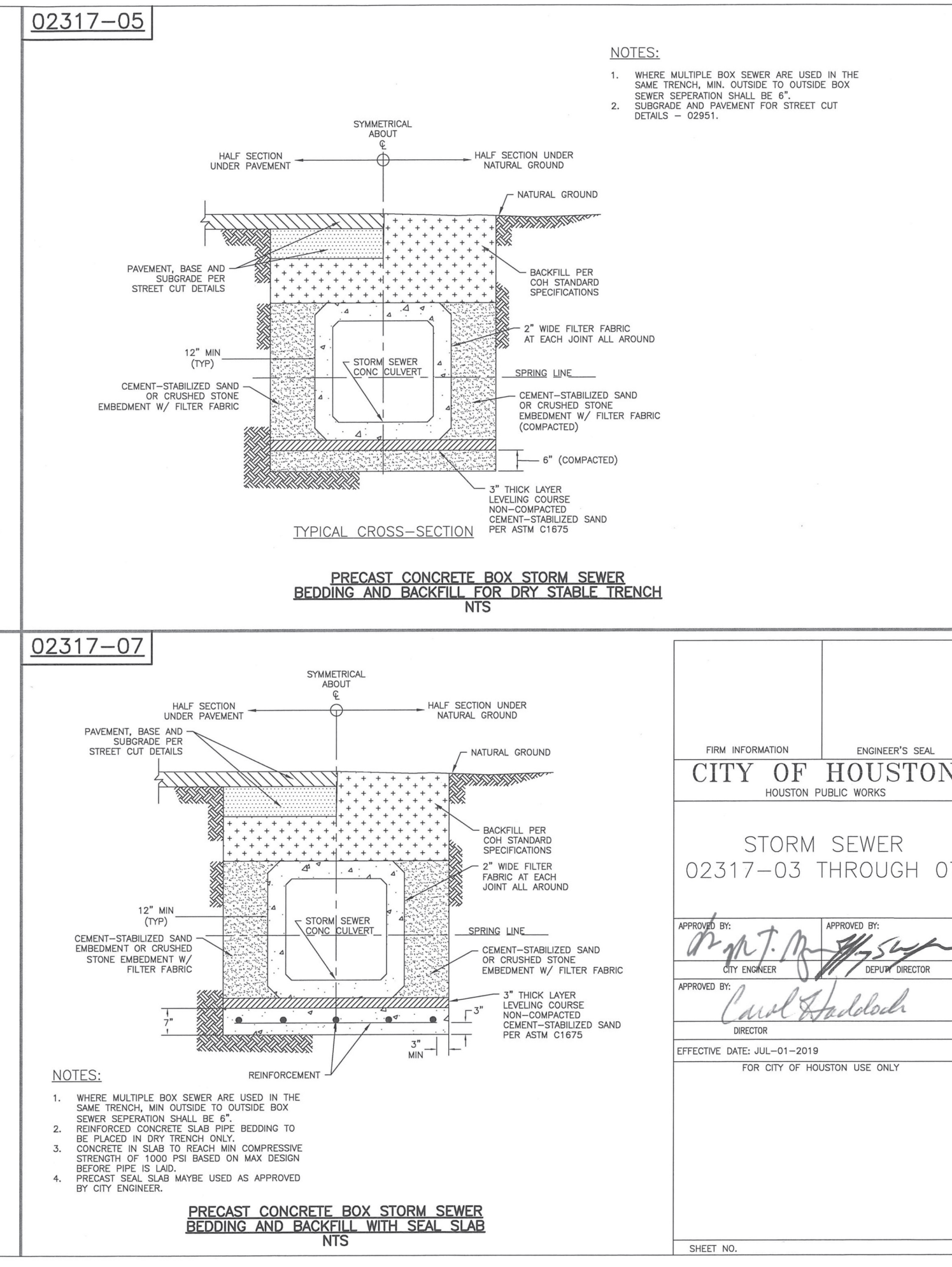
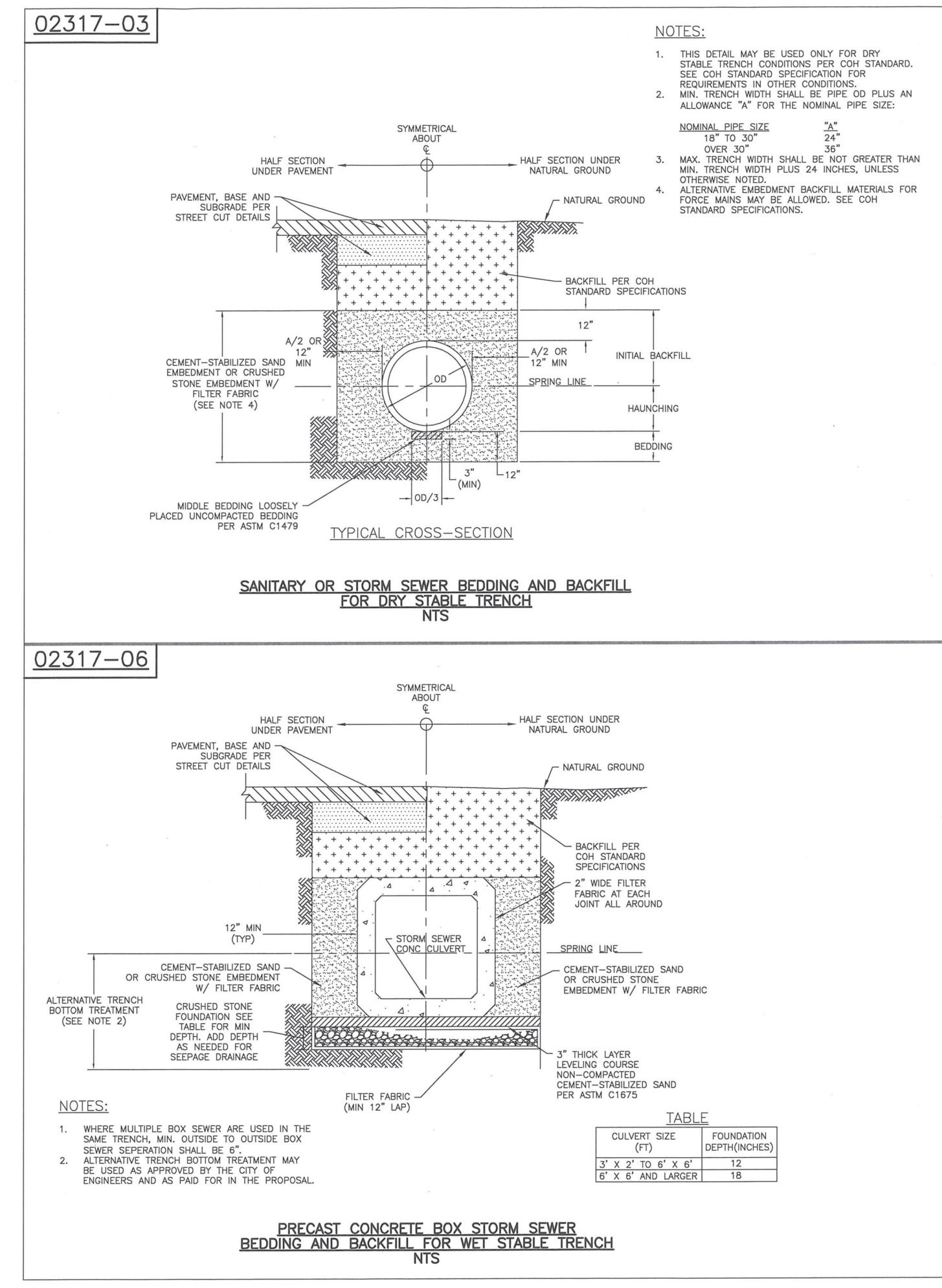
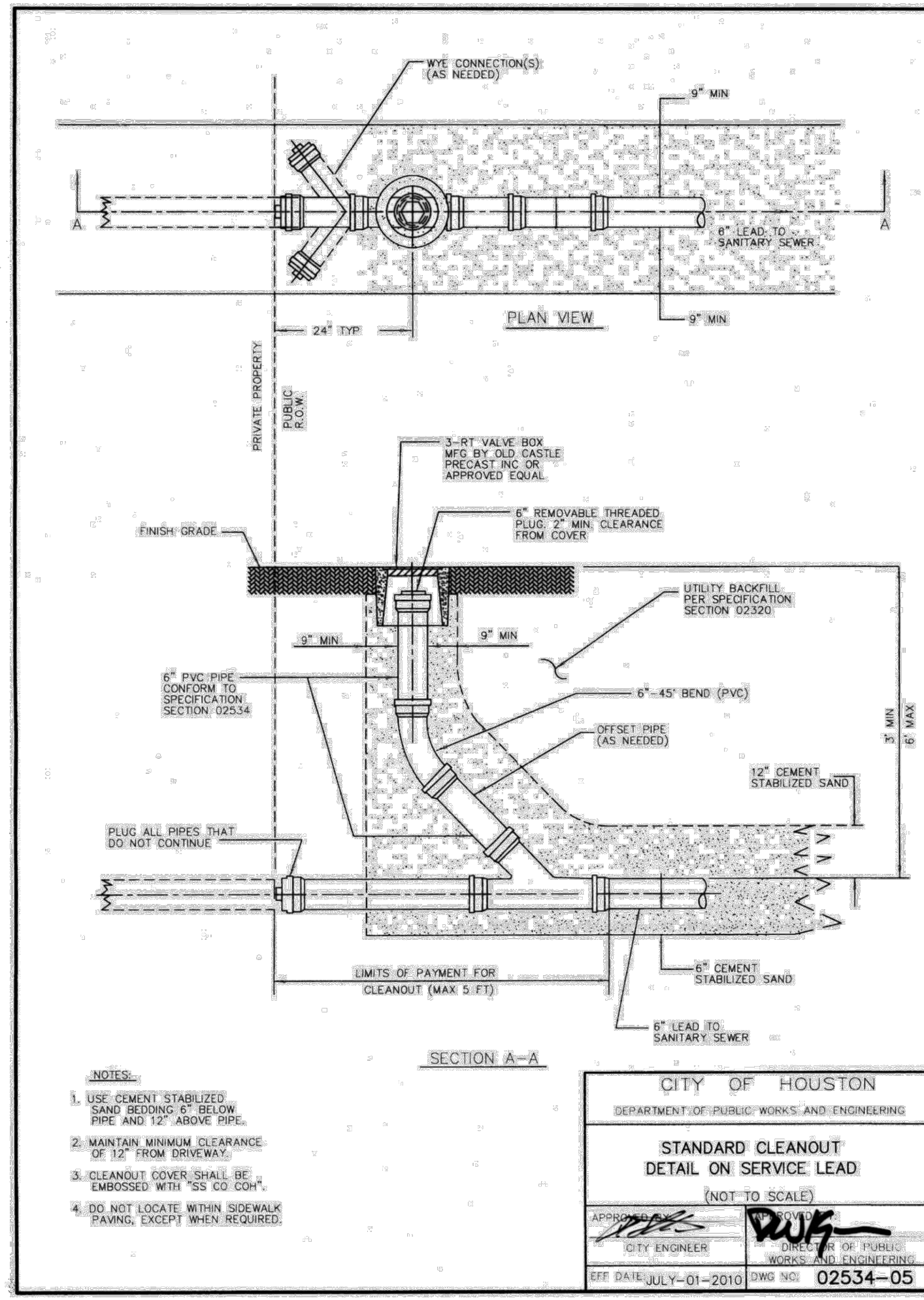
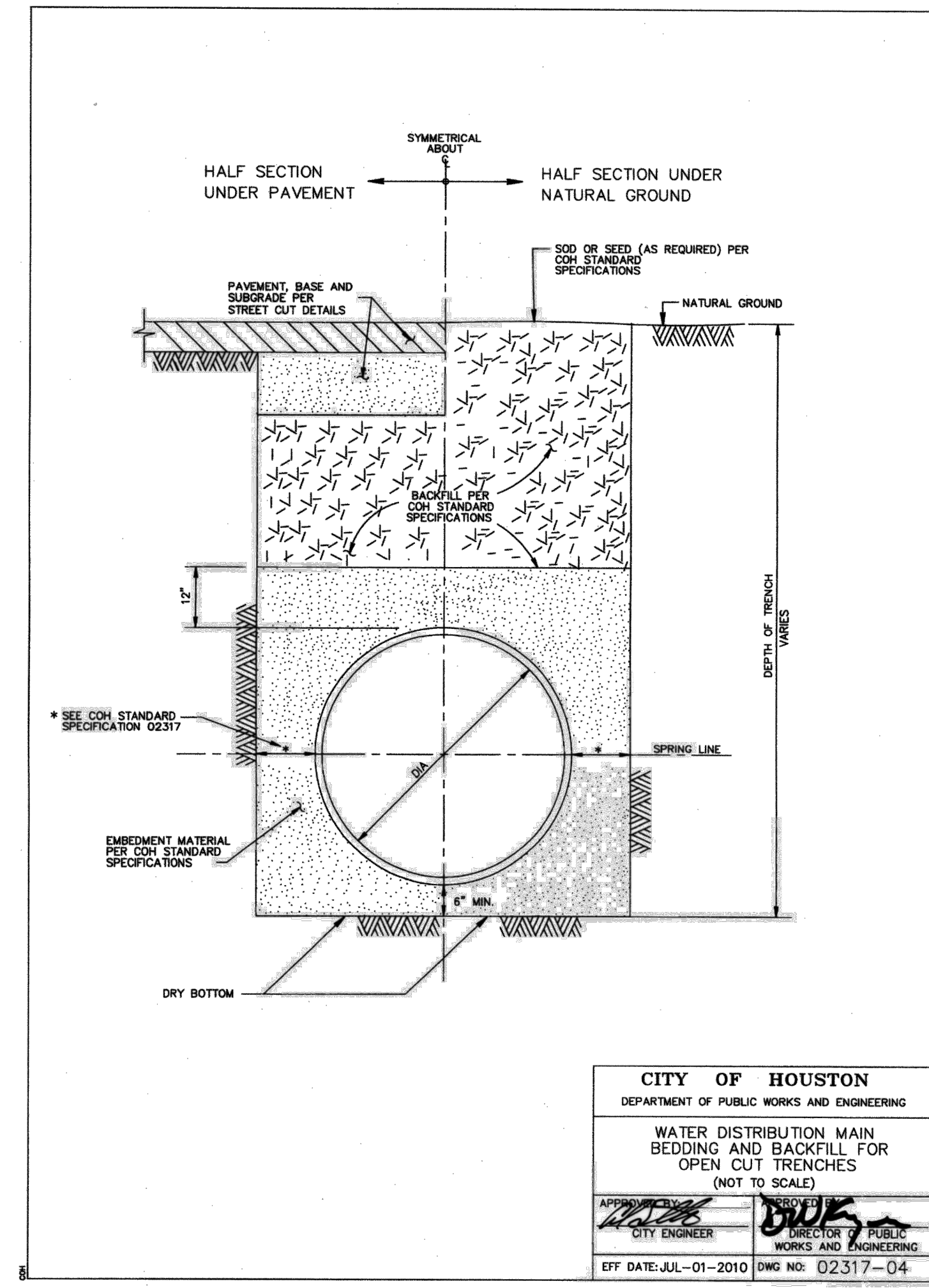
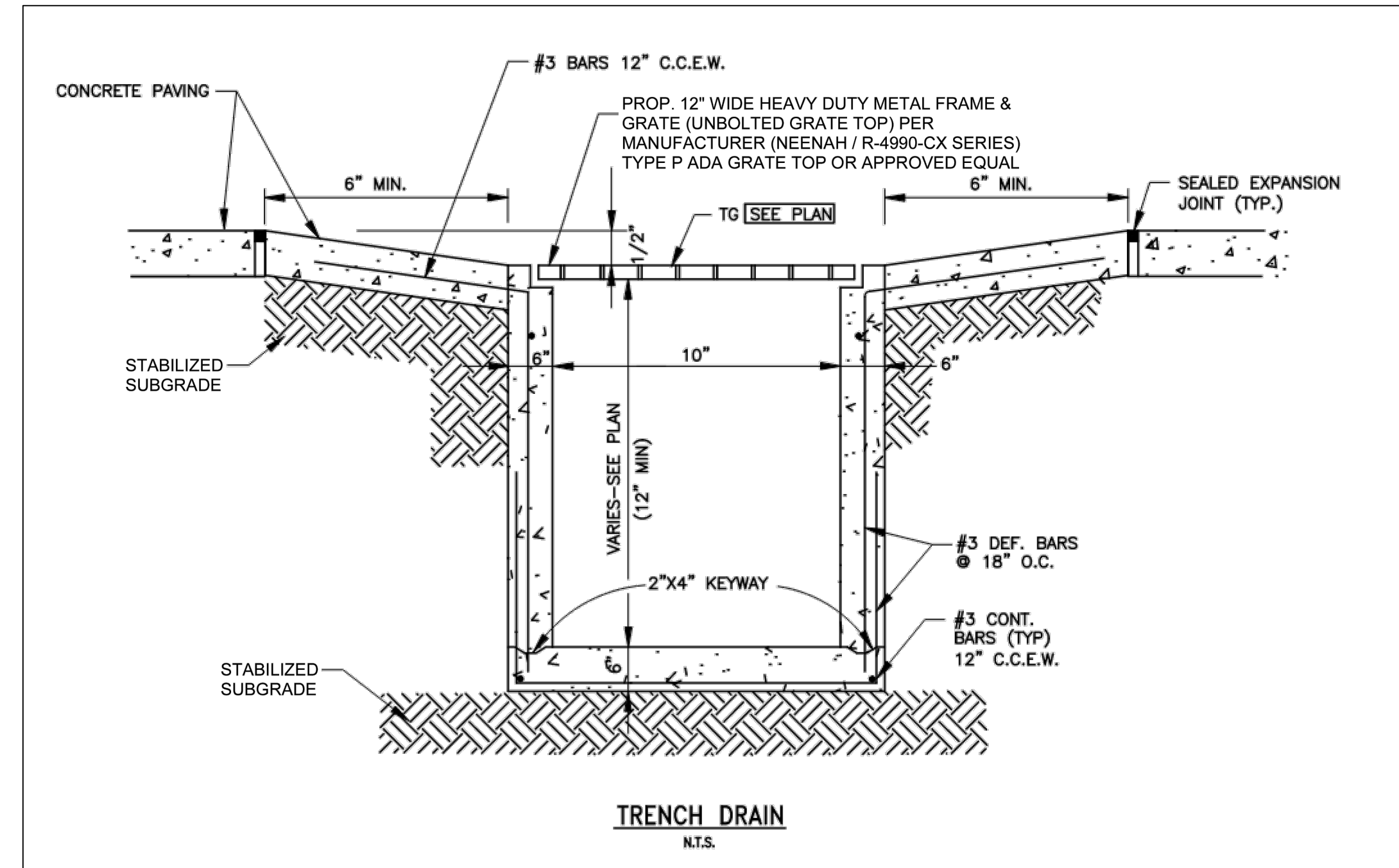
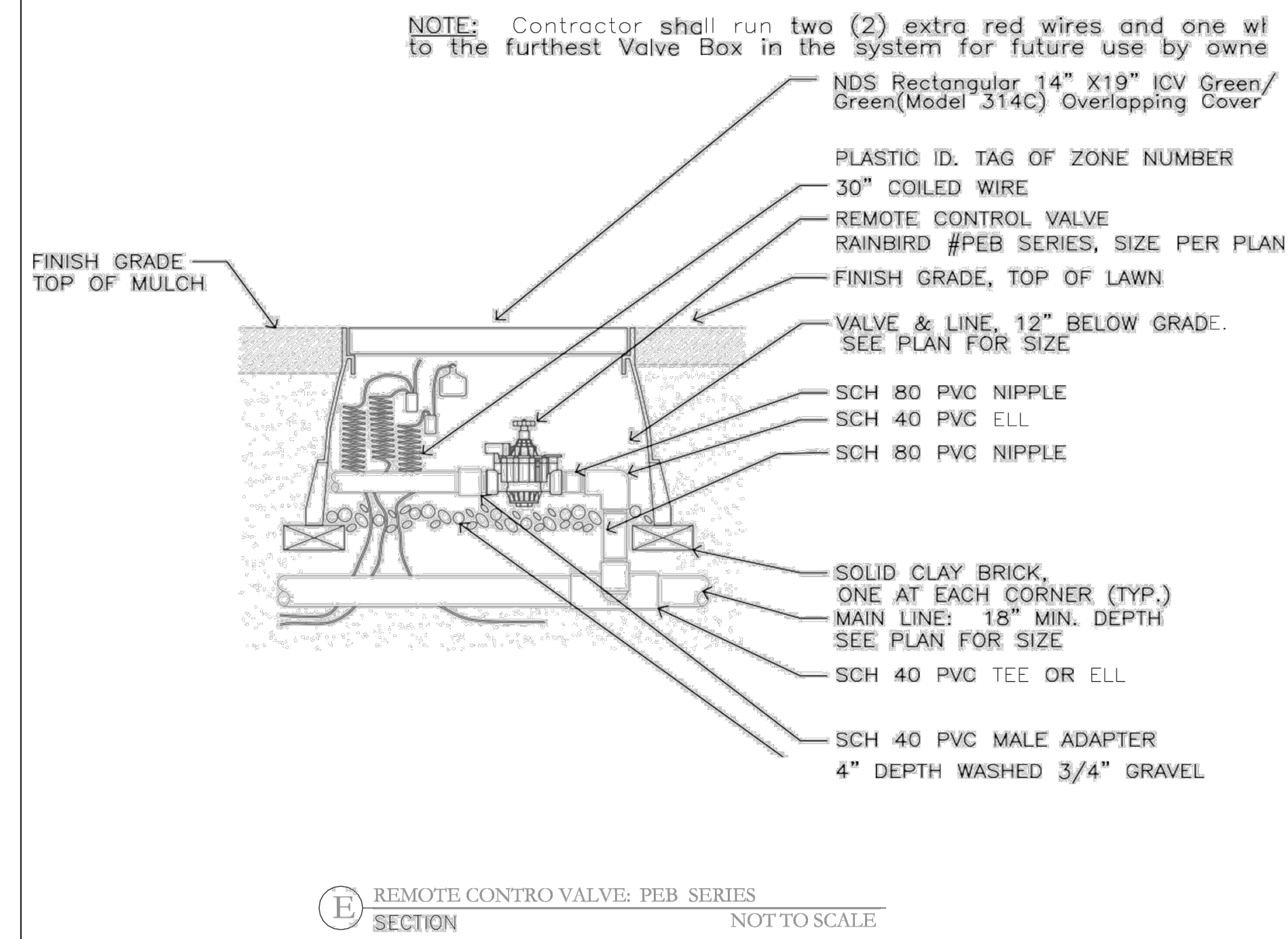
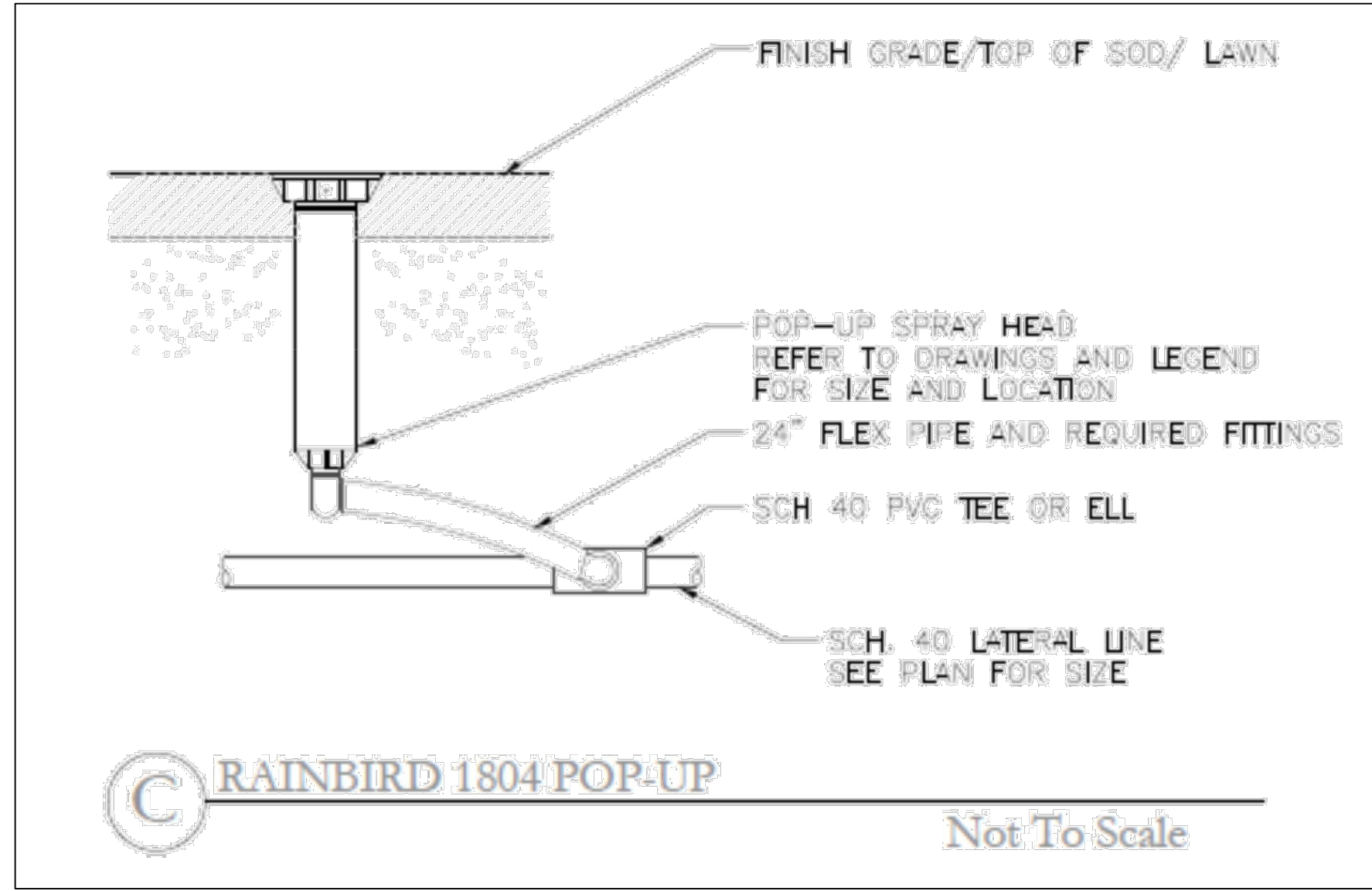
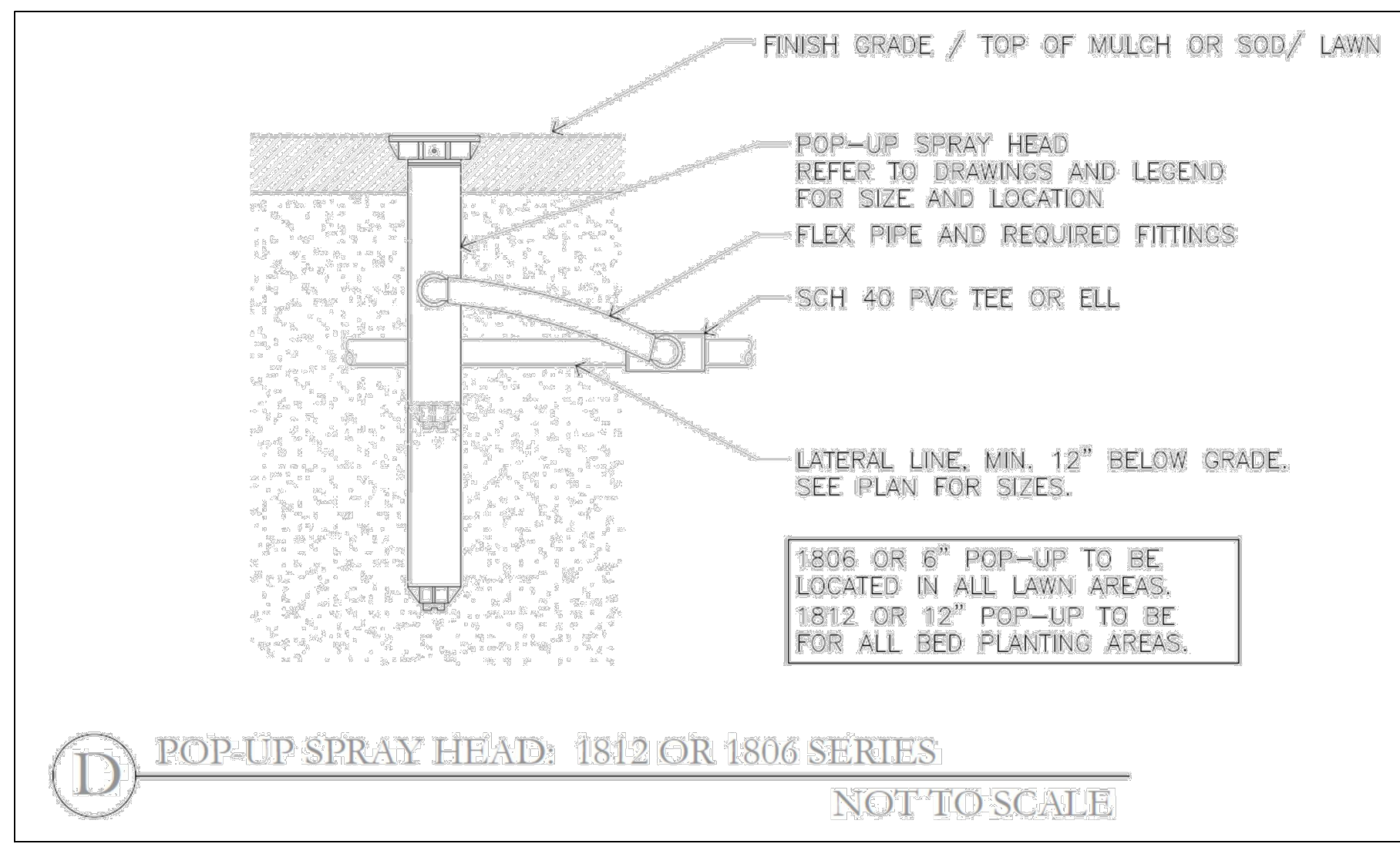
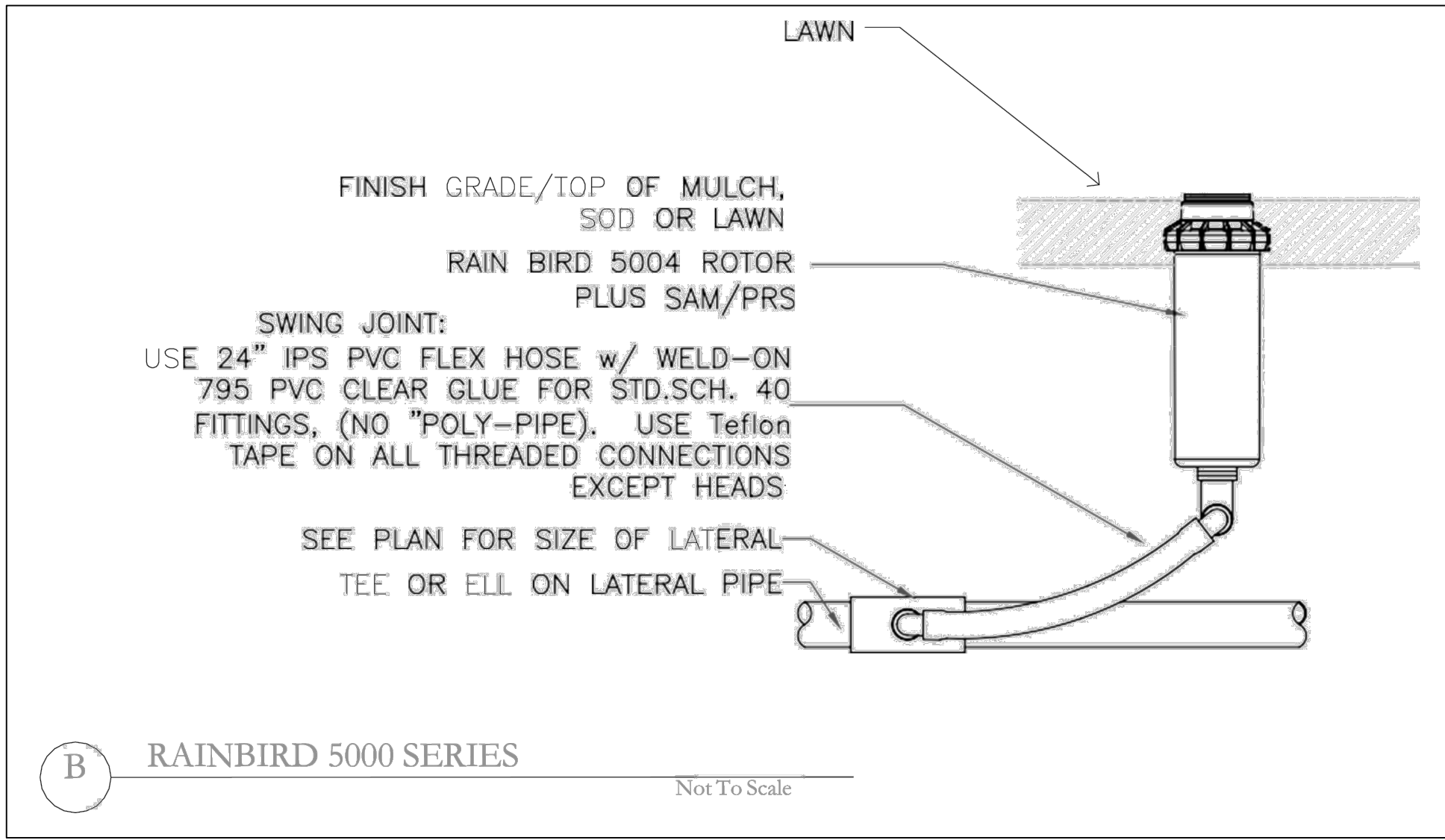
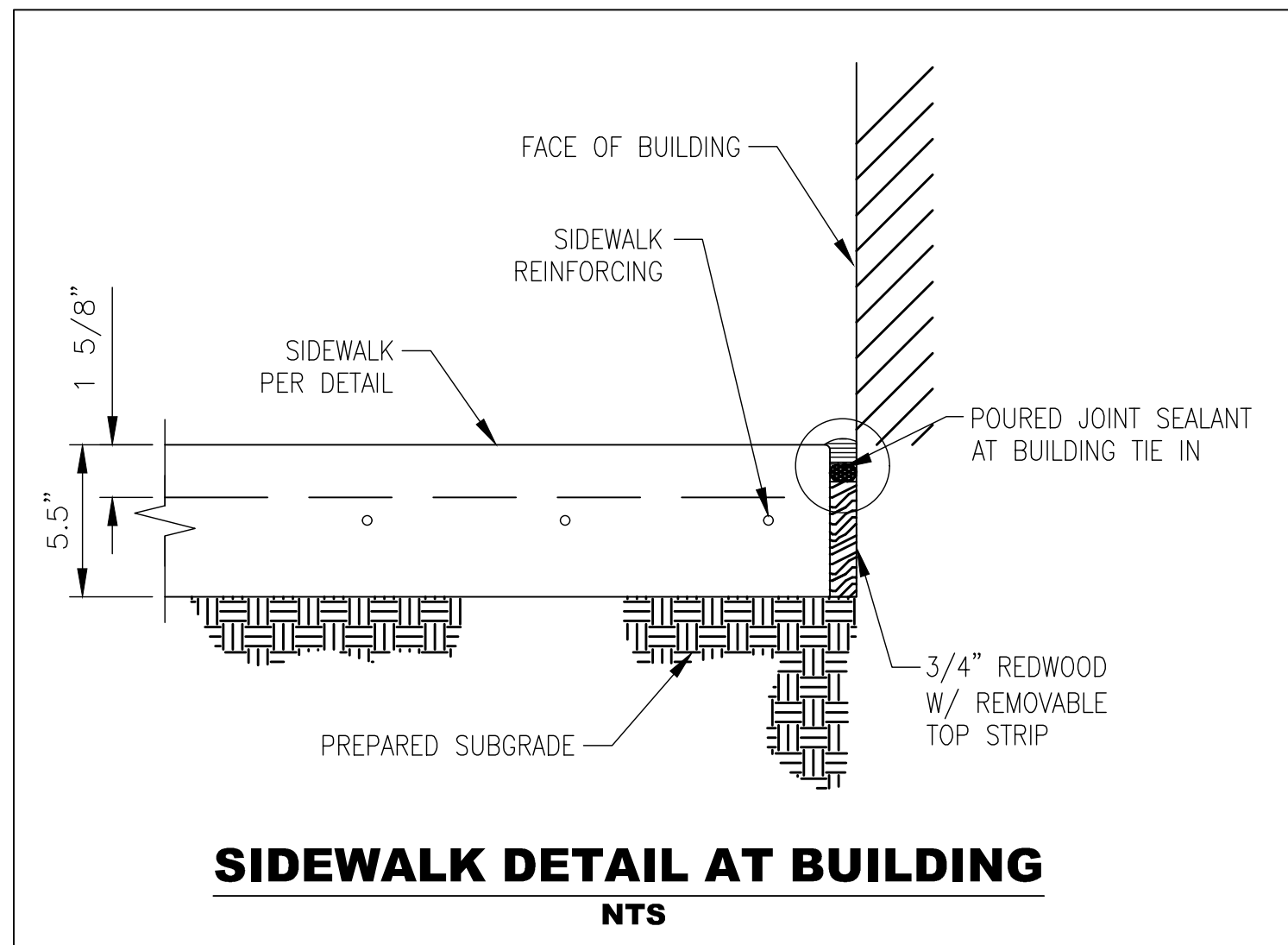
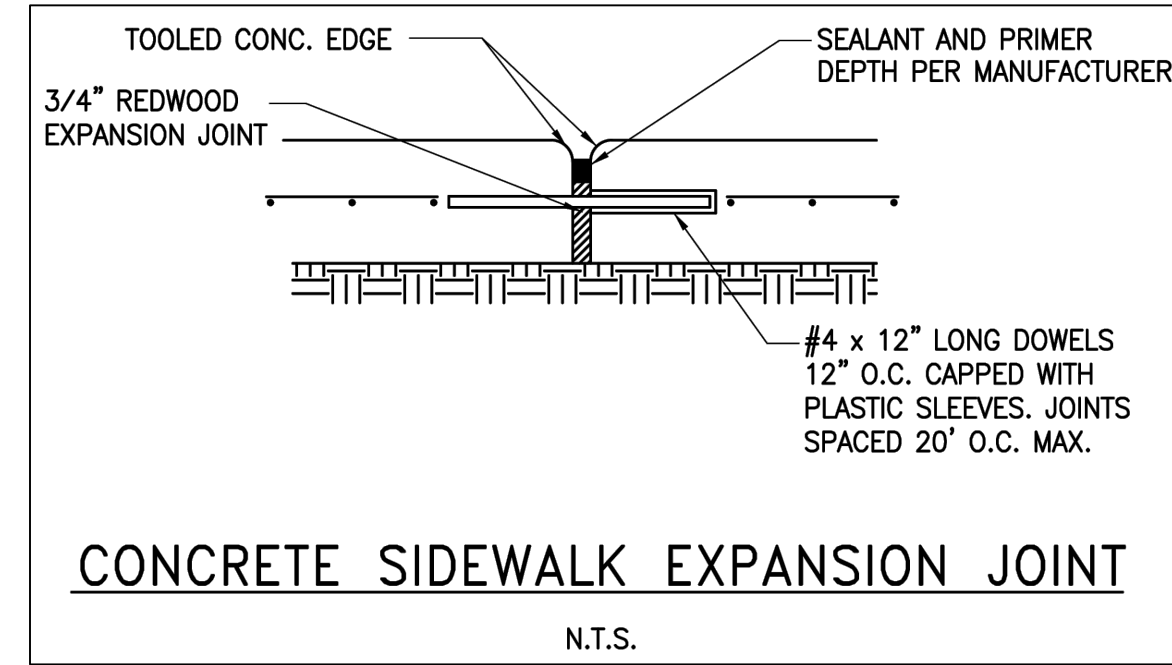
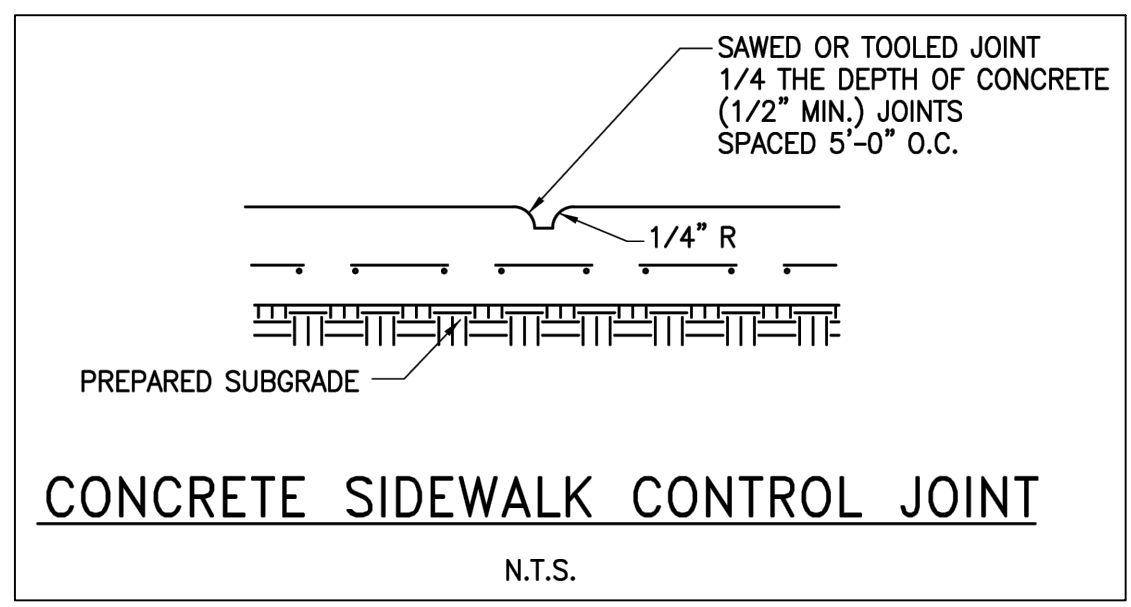
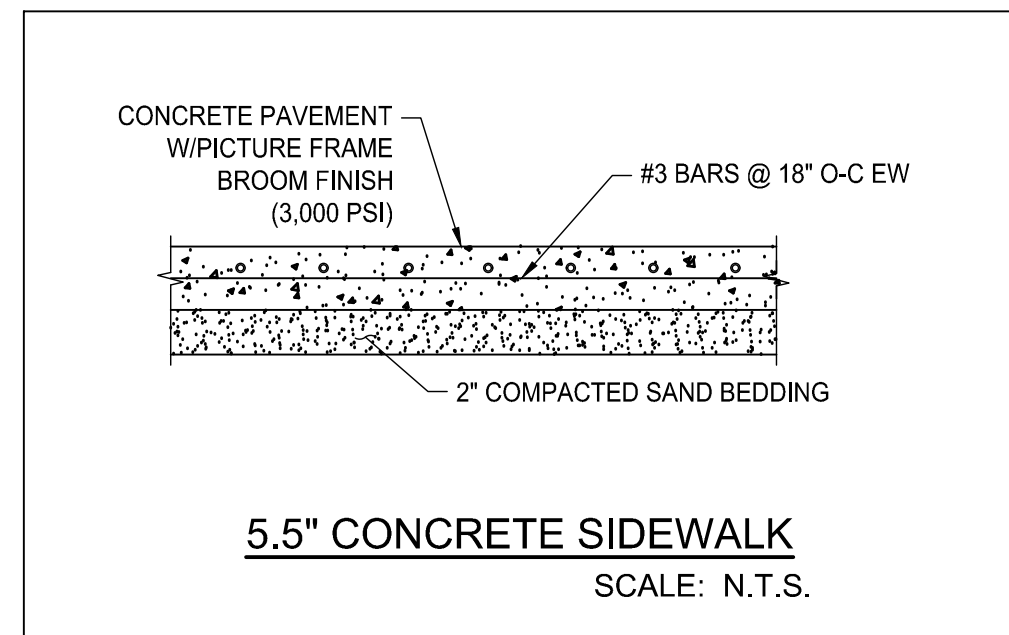
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ENGINEER: NAME
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2024 BRIDGLAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Daily
ASSOCIATES
INC.
8000 Richmond Avenue, Suite 400
Houston, Texas 77042 1713 337 8881
TEXAS REGISTERED ENGINEERING
FIRM #A-00000000
D + A PROJECT No. C24-028-00

FRED DALLY
90904
LICENSED PROFESSIONAL ENGINEER
08/18/2025

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MISCELLANEOUS DETAILS
SHEET 2 OF 2

Job No.
01818-07-01
Sheet No.
C6.1
Date:
08/18/2025

CM - CRAPE MYRTLE MUSKOGEE - 30 GAL, MIN 2.5" CAL
RB - BETULA NIGRA RIVER BIRCH - 30 GAL, MIN 2.5" CAL
YP - ILEX VOMITORIA YALPON HOLLY - 30 GAL, MIN 2.5" CAL
MS - MEXICAN SYCAMORES - 65 GAL, MIN 3" CAL
● - TREE & SOIL TO BE REMOVED AND REPLACED

- NOTES:**
- CAREFULLY REMOVE EXISTING DEAD TREE, ROOTS, AND SOIL IN THEIR ENTIRETY.
 - REPLACE PER TREE TYPE AND SIZE LISTED ABOVE
 - GO TO DOCUMENT ALL DAMAGED CONDITIONS PRIOR TO REMOVAL
 - GO TO REPAIR ANY IRRIGATION DAMAGED DUE TO REMOVAL AND INSTALLATION OF NEW TREES.
 - GO TO PROVIDE CARETAKING OF TREES AS REQD. DURING THE DURATION OF THE PROJECT, CONFIRM IRRIGATION SCHEDULE WITH OWNER.
 - RE CIVIL DWGS FOR IRRIGATION DETAILS
 - ENSURE SOIL MIXED IS REMOVED AND REPLACED WHEN TREE IS REPLACED
- TREE LEGEND**

Revision /

Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

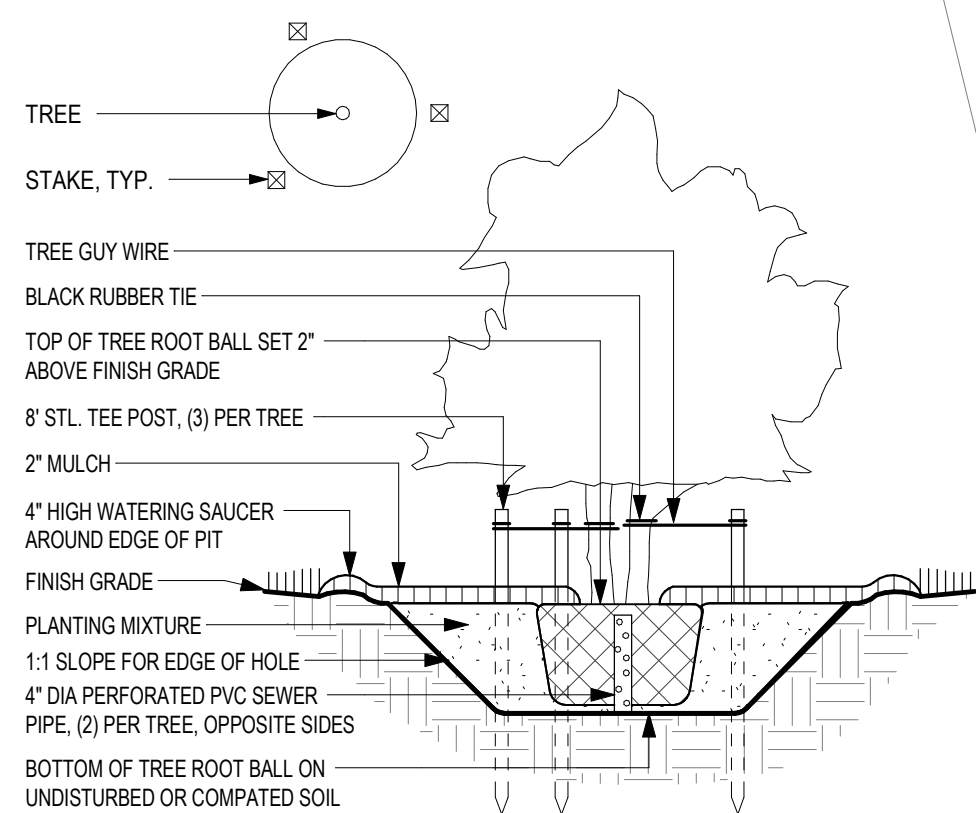
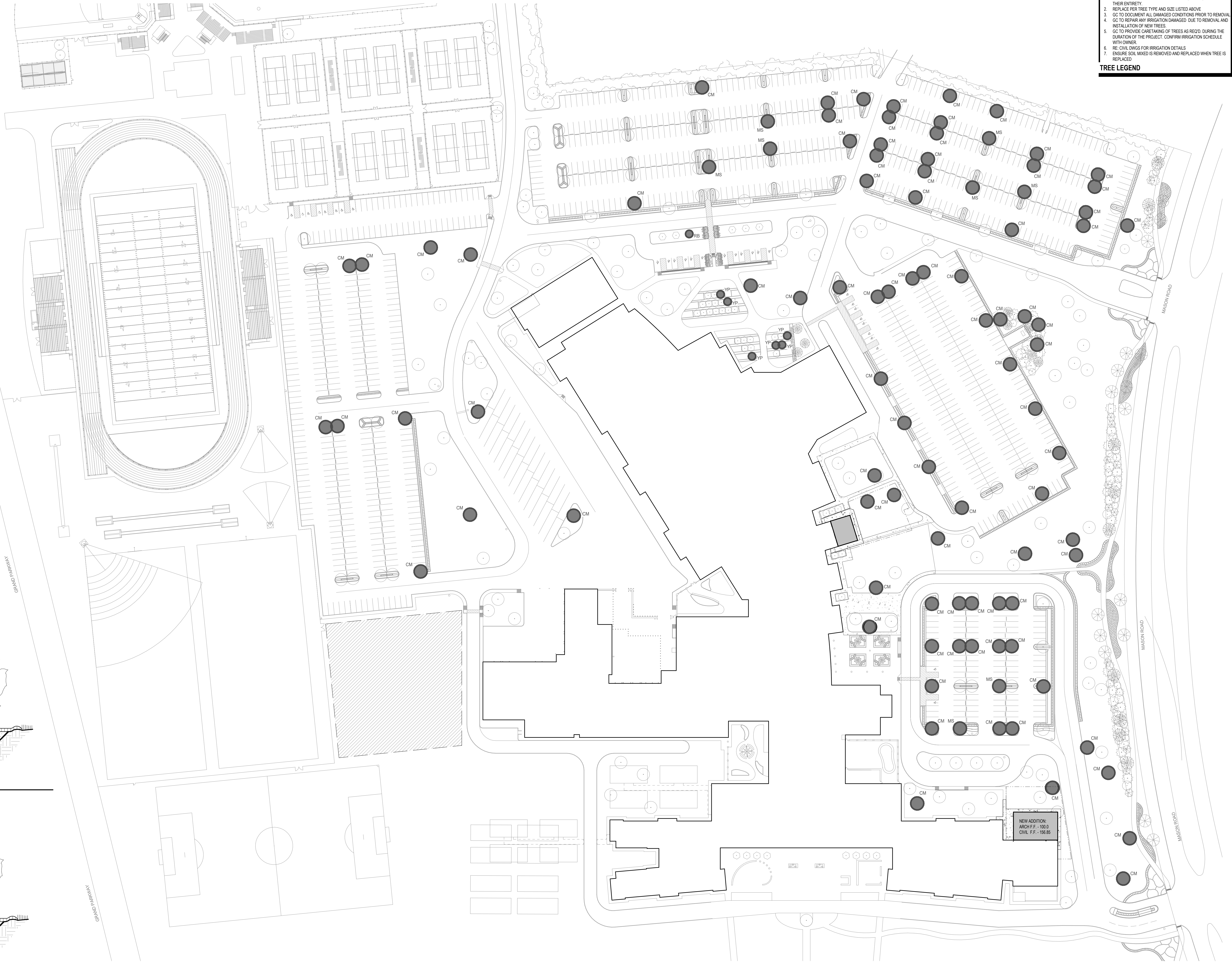
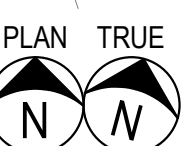
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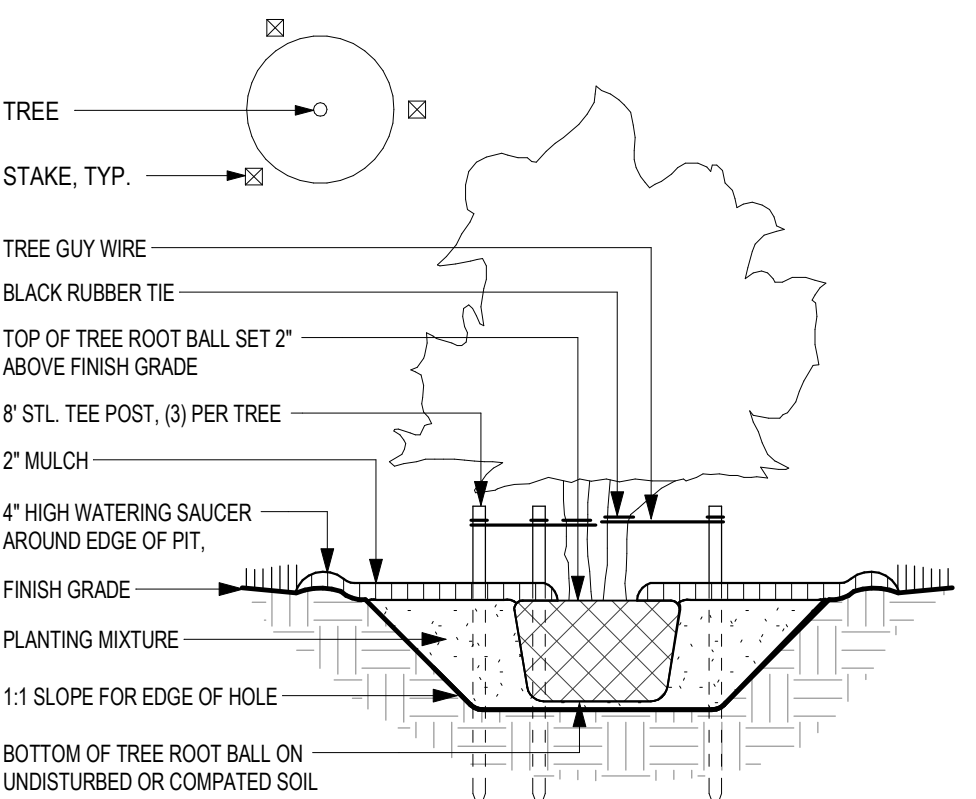
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LANDSCAPE PLAN

Job No.
01818-07-01
Sheet No.
L1.01
Drawn By:
PR
Date:
06/18/2025

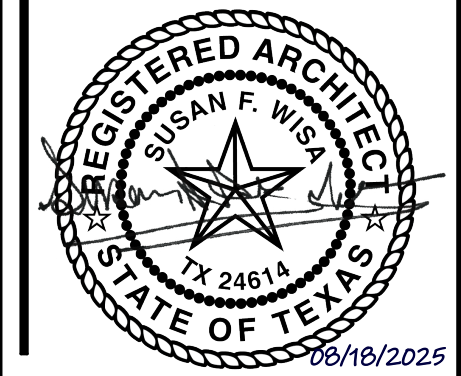


3 TREE PLANTING - STANDARD DETAIL
1/4" = 1'-0"

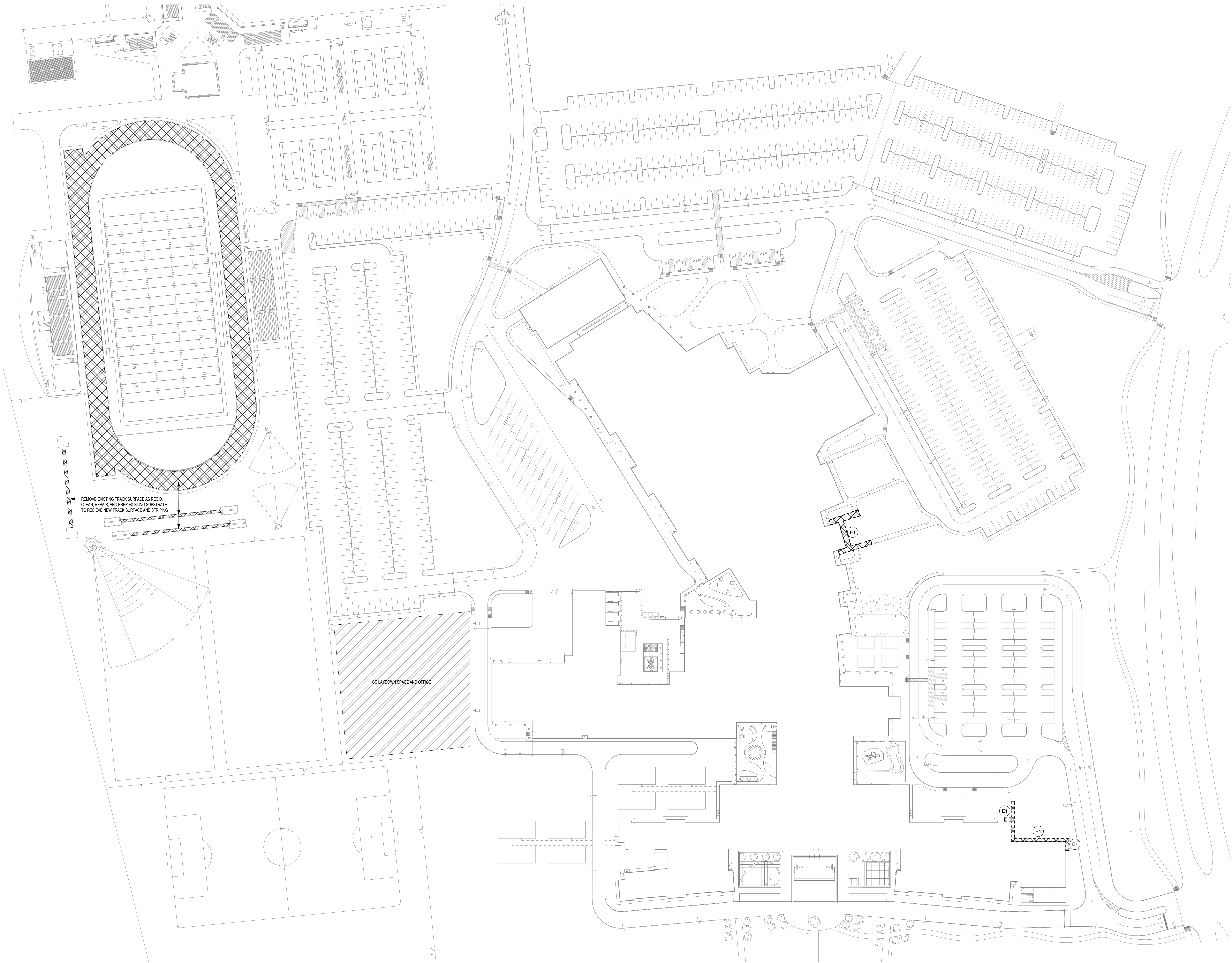
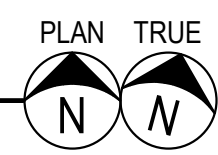


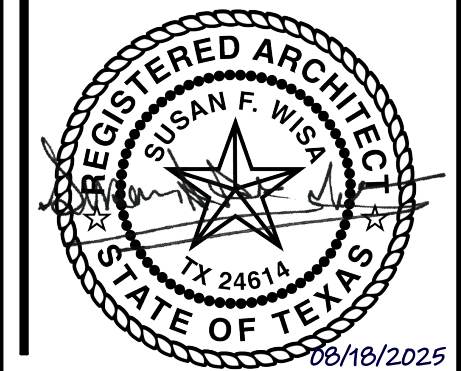
2 TREE PLANTING - PARKING ISLAND DETAIL
1/4" = 1'-0"

1 MASTER LANDSCAPE PLAN
1" = 60'-0"



- EXTERIOR**
E1 REMOVE EXISTING CONC. FLAT WORK TO THE NEAREST CONTROL EXPANSION JOINT. RE. CIVIL FOR EXTENTS TO BE REMOVED.
- NOTES BY SYMBOL**
- A. BIDDERS TO VISIT SITE AND BE FAMILIAR WITH EXISTING CONDITIONS, INCLUDING BUT NOT LIMITED TO EXISTING DIMENSIONS, EQUIPMENT, LOCATIONS, SIZES, QUANTITIES, AND MATERIALS.
- B. EXISTING ELECTRICAL POWER SERVING THE EXISTING FACILITY WILL REMAIN ON LINE. DISRUPTIONS REQUIRED FOR CONSTRUCTION TO BE COORDINATED WITH THE SCHOOL DISTRICT REPRESENTATIVE ASSIGNED TO THIS SPECIFIC PROJECT.
- C. EXISTING DRAIN LINES SERVING THE EXISTING FACILITY WILL REMAIN FUNCTIONAL. ANY DISRUPTIONS REQUIRED FOR NEW TIE-INS DURING CONSTRUCTION MUST BE COORDINATED WITH THE SCHOOL DISTRICT REPRESENTATIVE ASSIGNED TO THIS SPECIFIC PROJECT.
- D. CONTRACTOR WILL COORDINATE EXACT SIZES AND LOCATIONS FOR MECHANICAL, PLUMBING, AND ELECTRICAL PENETRATIONS REQUIRED FOR NEW WORK WITH EACH RESPECTIVE TRADE.
- E. CONTRACTOR WILL KEEP OPENINGS TO THE EXTERIOR TEMPORARILY COVERED FOR PROTECTION FROM WATER.
- F. CONTRACTOR WILL KEEP OPENINGS TEMPORARILY COVERED FOR PEDESTRIAN SAFETY.
- G. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY SHORING AND BRACING REQUIRED FOR DEMOLITION.
- H. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING SHEETS FOR ADDITIONAL PENETRATIONS AND OTHER RELATED DEMOLITION OR EQUIPMENT REMOVAL.
- I. EXISTING CONSTRUCTION IS SHOWN BASED UPON OWNER FURNISHED PLANS, OWNER FURNISHED SURVEYS, AND ONSITE OBSERVATIONS. DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL FIELD CONDITIONS WILL BE REPORTED TO THE ARCHITECT/ENGINEER/PROJECT MANAGER PRIOR TO PROCEEDING WITH WORK.
- J. EXISTING CONSTRUCTION ADJACENT TO DEMOLITION WORK WILL BE PATCHED AND REPAIRED TO MATCH ORIGINAL CONDITION.
- K. DEMOLITION WORK TIMES WILL BE COORDINATED WITH THE SCHOOL DISTRICT REPRESENTATIVE ASSIGNED TO THIS SPECIFIC PROJECT.
- L. THIS EXISTING FACILITY WILL REMAIN FUNCTIONAL DURING THE COURSE OF THE DEMOLITION WORK. CONTRACTOR WILL MAINTAIN DUST BARRIERS, BARRICADES, PEDESTRIAN PROTECTION, WATER PROTECTION, AND SAFETY DEVICES IN PLACE AT ALL TIMES DURING AND AFTER DEMOLITION UNTIL NEW WORK IS INSTALLED.
- M. CONTRACTOR WILL MAINTAIN SITE DRAINAGE DEVICES AND COMPONENTS DURING THE COURSE OF DEMOLITION AND UP UNTIL NEW WORK IS IN PLACE. THIS INCLUDES EXISTING SUB-SOIL DRAINAGE.
- N. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- O. REFER TO MECHANICAL, ELECTRICAL, AND ROOF PLAN DRAWINGS FOR ADDITIONAL DEMOLITION NOT SPECIFICALLY COVERED BY DEMOLITION PLANS, ESPECIALLY RELATIVE TO MODIFICATIONS TO EXISTING H.V.A.C. SYSTEMS.
- P. DEMOLITION, AS NOTED, CONSISTS OF COMPLETE REMOVAL OF THE LISTED ITEMS, RELATED FASTENERS, AND ATTACHMENT MATERIALS LEAVING A CLEAN SURFACE READY TO RECEIVE NOTED MATERIALS OR SCHEDULED FINISHES.
- Q. UNLESS NOTED OTHERWISE, MATERIALS WILL BE REMOVED FROM SITE AND DISPOSED OF AT CONTRACTOR'S EXPENSE. DISPOSAL WILL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL GUIDELINES.
- R. DEMOLITION WILL FOLLOW THE CONSTRUCTION SCHEDULE PROVIDED IN THE SPECIFICATIONS.
- S. PRECAUTIONS WILL BE TAKEN TO SEPARATE STUDENTS AND SCHOOL STAFF FROM DEMOLITION AND TO PROTECT THEIR HEALTH AND SAFETY.
- T. ADDITIONAL MATERIALS, WHERE CONSTRUCTION ADJOINS EXISTING, NOT SPECIFICALLY IDENTIFIED IN THE DEMOLITION PLANS, WILL BE REMOVED AS REQUIRED TO COMPLETE THE CONSTRUCTION. THESE MATERIALS TYPICALLY INCLUDE MATERIAL PROJECTION BEYOND THE FACE OF THE WALL, INCLUDING BRICK SILLS, OTHER PROJECTIONS, AND ROOF FLASHINGS, GUTTERS, AND TRIMS. REFER TO WALL SECTIONS FOR SPECIFIC CONDITIONS.
- U. INVESTIGATE EACH WALL SUBJECT TO DEMOLITION TO DETERMINE IF IT IS USED FOR BEARING. COORDINATE WITH CONSTRUCTION SEQUENCE AND PROVIDE SHORING AT ANY WALL CARRYING STRUCTURAL LOAD TO PREVENT COLLAPSE UNTIL NEW STRUCTURE IS IN PLACE.
- V. OWNER RESERVES FIRST RIGHT TO RETAIN AND KEEP ANY EXISTING ITEMS REMOVED AS A PART OF THE DEMOLITION WORK.
- W. GENERAL CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL TECHNOLOGY AND COMMUNICATION DEVICES INCLUDING INTERCOM SPEAKERS, CLOCKS, WIRELESS ACCESS POINTS, SAFETY SPEAKERS, PROJECTORS, PROJECTOR PLATES, AUDIO-VIDEO CABLING, INTELLIGENT BOARDS, SCREENS, ETC WITH THE SOUND, INTERCOM AND TECHNOLOGY CONTRACTORS. THIS WORK MUST BE DONE PRIOR TO REMOVAL OF CEILING TILE OR OTHER CEILING AND PLENUM WORK.
- X. ALL TECHNOLOGY AND LOW-VOLTAGE CABLING IN THE PLENUM SHALL REMAIN IN PLACE. ANY DAMAGE TO THIS CABLING SHALL HAVE NEW CABLING PLACED BY THE PROPER TRADE CONTRACTOR AT THE SOLE EXPENSE OF THE CONTRACTOR THAT DAMAGED THE CABLING. ALL CABLES HAVE BEEN TESTED PRIOR TO RENOVATION WORK AND ALL WILL BE TESTED AFTER THE WORK IS COMPLETED.
- SITE DEMOLITION GENERAL NOTES**

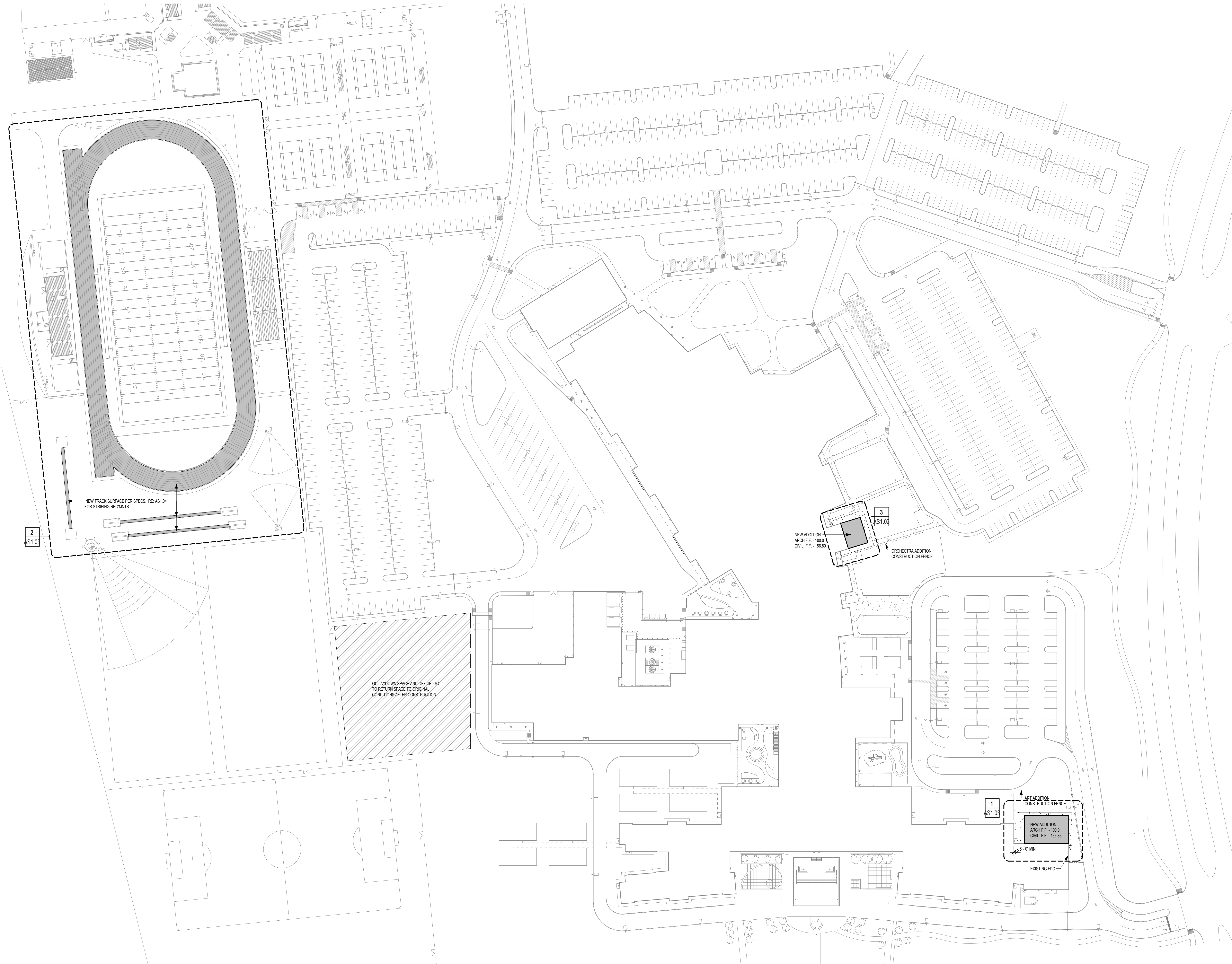


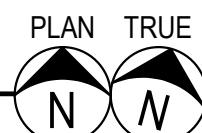
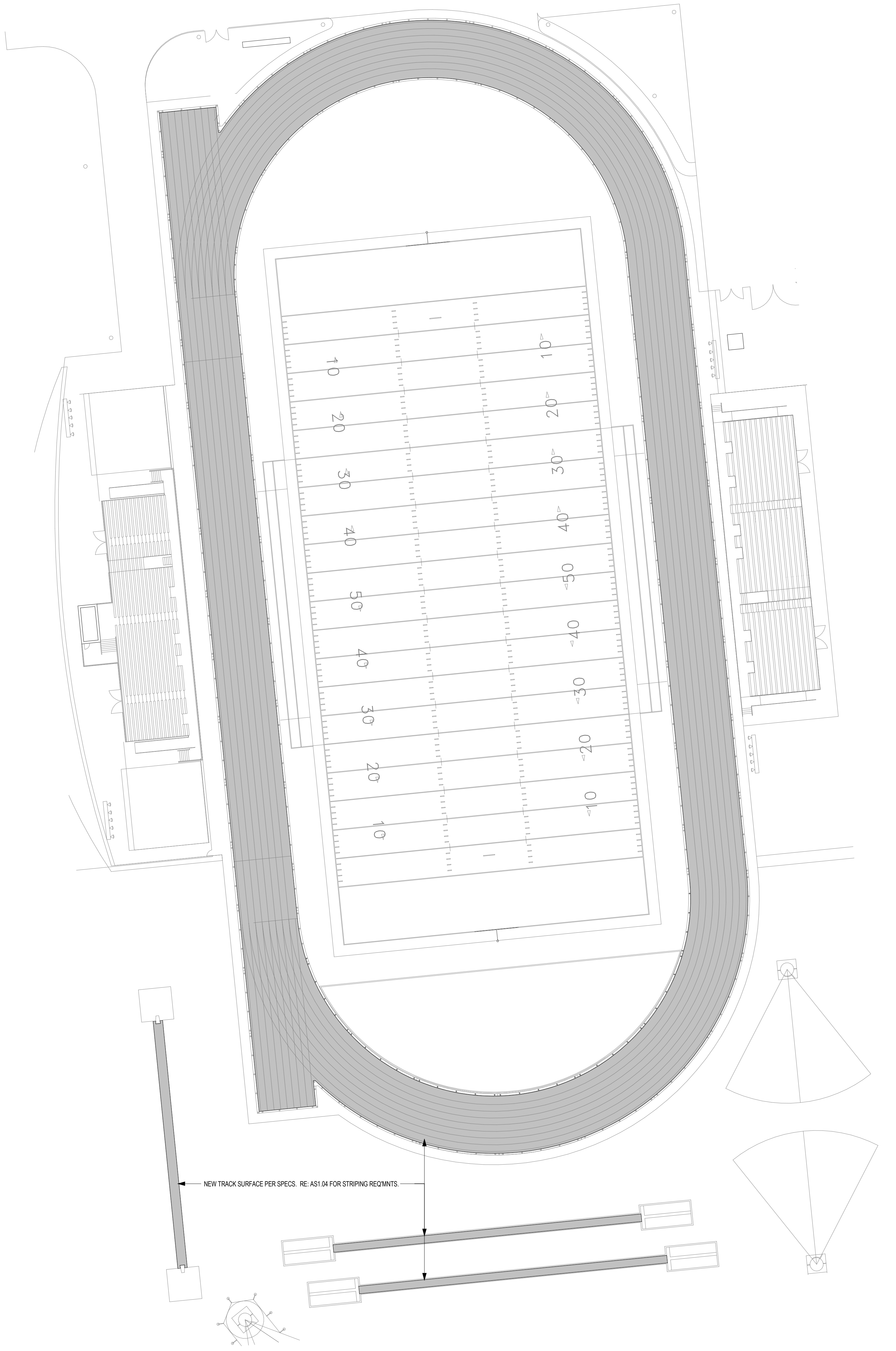
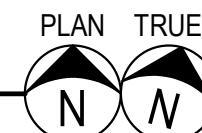
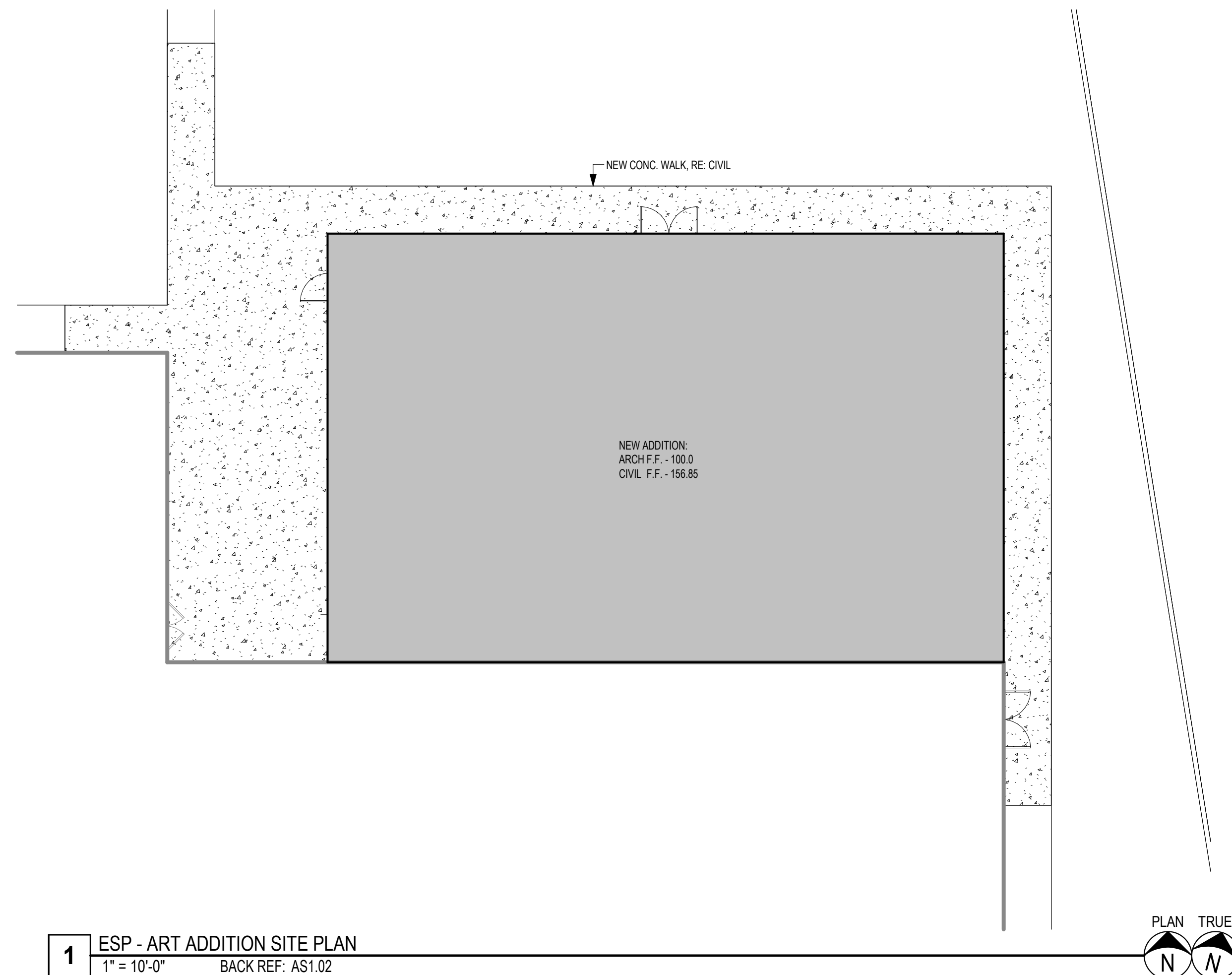
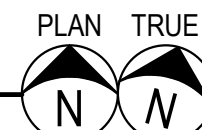
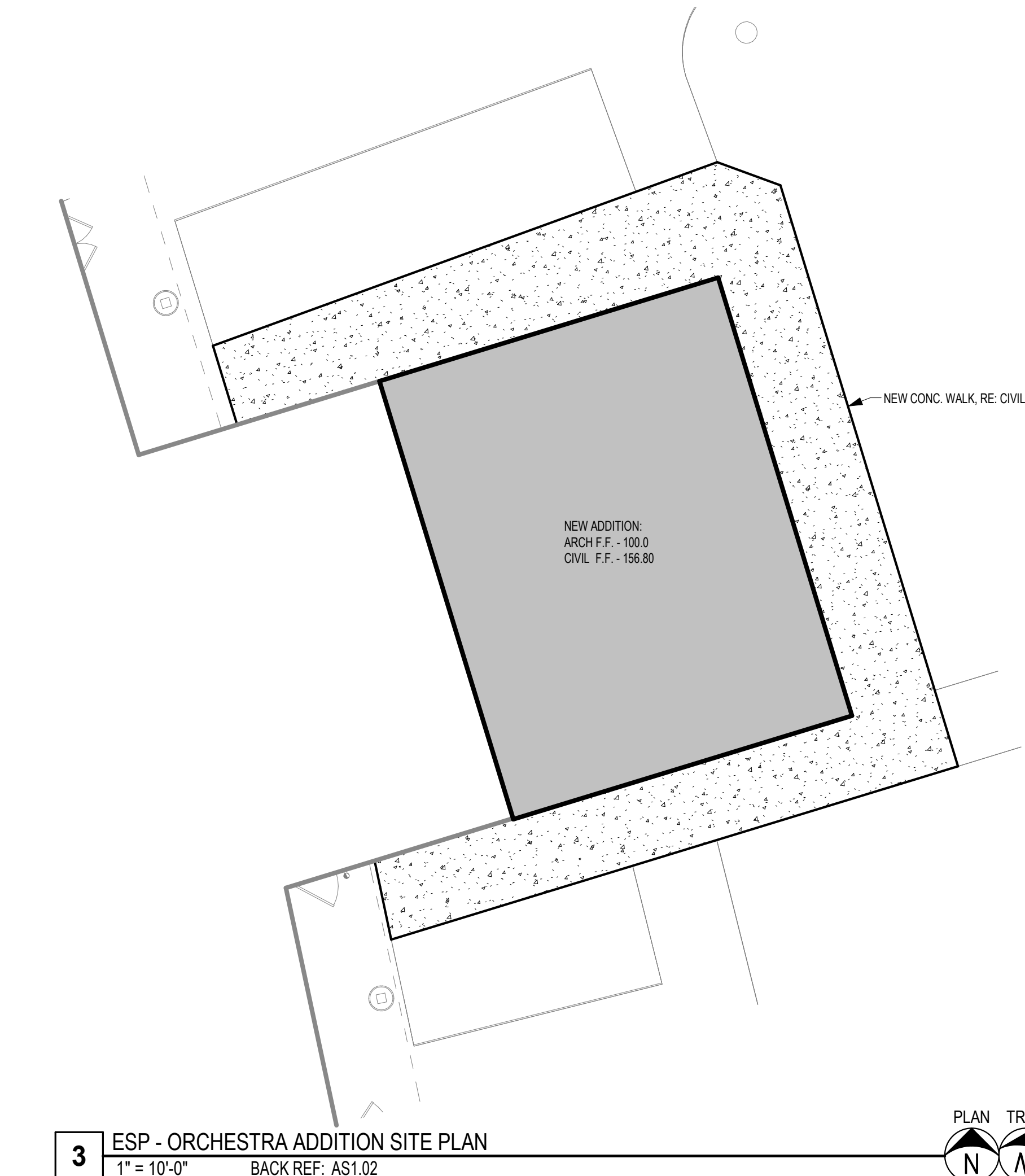


1. ALL SITE INFORMATION INCLUDING, BUT NOT LIMITED TO, PROPERTY LINES, METES & BOUNDS, CONTOURS, EXISTING BUILDINGS, EASEMENTS, TREES, WALKS, DRIVES, FENCES, ETC., TAKEN FROM SURVEY BY:

WEST BELT SURVEYING, INC.
2102 PARK ROW
KATY, TX 77450
PHONE (281) 399-8288
2. HUCKABEE AND ASSOCIATES, INC. ALONG WITH THEIR CONSULTANTS HAVE LOCATED, SHOWN, AND NOTED EXISTING SITE FEATURES INCLUDING BUT NOT LIMITED TO PROPERTY LINES, METES AND BOUNDS, GRADE CONTOURS, EXISTING STRUCTURES, EASEMENTS, TREES, FENCES, ROADWAYS, OVERHEAD AND UNDERGROUND UTILITIES, AND OTHER EXISTING FEATURES TO THE BEST OF OUR ABILITY BASED UPON OWNER PROVIDED SURVEYS, EXISTING CONSTRUCTION DOCUMENTS AND OTHER EXISTING DATA. COLLECTION IN REGARDS TO THE SPECIFIED SITE. HUCKABEE AND ASSOCIATES, INC. NOR THEIR CONSULTANTS SHALL ASSUME ANY RESPONSIBILITY OR LIABILITIES IN REGARD TO THE ACCURACY OF THE ABOVE MENTIONED OWNER PROVIDED DATA.
3. IF THE CONTRACTOR FINDS ANY DISCREPANCY BETWEEN EXISTING CONDITIONS AND THOSE WHICH ARE SHOWN ON THE PLANS, HE SHALL IMMEDIATELY CONTACT THE ARCHITECT.
4. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH ALL UTILITY ENTITIES TO LOCATE AND MARK ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS.
6. FINISH GRADE AT PERIMETER OF THE BUILDING SHALL BE AS SHOWN ON SITE GRADING PLAN. REF. CIVIL DRAWINGS. SITE GRADES SHALL SLOPE UNIFORMLY AWAY FROM THE BUILDING AND INTERSECT WITH ELEVATIONS SHOWN.
7. REF. CIVIL DRAWINGS FOR ALL SITE DIMENSIONS.
8. MAKE ALL SLOPES OF WALKS AND DRIVES COMPLY WITH FINISH ELEVATION SHOWN ON CIVIL DRAWINGS. THE LINE OF SLOPE SHALL FORM STRAIGHT LINES BETWEEN FINISH ELEVATIONS WHEN POSSIBLE AND GRADING CONTOURS WHEN STRAIGHT LINES ARE NOT POSSIBLE. VERIFY ALL ELEVATIONS AND DIMENSIONS WITH ARCHITECT ON JOB. REF. CIVIL.
9. ALL WALKS AND PLAZAS SHALL BE REINFORCED CONCRETE - REF. CIVIL FOR DETAILS. PROVIDE 1/2" EXPANSION JOINT AS SHOWN BY CIVIL OR AT 20'-0" O.C. MAX. AND AT ALL INSIDE CORNERS. PROVIDE TOOLED CONTROL JOINTS AT 5'-0" O.C. B.W. MAX OR AS SHOWN. SEE CIVIL FOR TYPICAL WALK AND JOINT DETAILS.
10. PROVIDE 1/2" EXPANSION JOINT ALONG BUILDING FOUNDATION OR BRICK WHERE CONCRETE WALK IS PRESENT. REF. CIVIL DRAWINGS FOR TYPICAL DETAIL.
11. PROVIDE 1/2" EXPANSION JOINT ALONG BACK OF CONCRETE CURB WHERE WALK IS PRESENT. REF. CIVIL DRAWINGS FOR CURB DETAILS.
12. CONTRACTOR SHALL REMOVE ALL EXISTING OBSTRUCTIONS TO NEW CONSTRUCTION, PAVING, WALKS, AND ALL OTHER SITE IMPROVEMENTS INCLUDING BUT NOT LIMITED TO EXISTING TREES, FENCES, CONCRETE, ROCKS, DEBRIS, POSTS, VEGETATION, UTILITIES (AS NOTED), AND OTHER ITEMS AS NOTED FOR CONSTRUCTION.
13. REF. ELECTRICAL DRAWINGS FOR OUTDOOR LIGHTING REQUIREMENTS.
14. REF. CIVIL DRAWINGS FOR SITE GRADING PLAN, SITE UTILITY PLAN (INCLUDING FIRE HYDRANT LOCATIONS), EROSION CONTROL PLANS, AND CURB AND PAVING REQUIREMENTS AND DETAILS.
15. REF. CIVIL SHEETS FOR SITE GRADING CONTOURS. CONTRACTOR SHALL MAKE ALL CUTS AND FILLS REQUIRED TO ACCOMPLISH ALL WORK SHOWN. GRADE SITE TO TOLERANCES SPECIFIED.
16. REF. CIVIL DRAWINGS FOR THICKNESS AND LOCATIONS OF ALL TYPES OF PAVING.
17. FIRE LANE STRIPING SHALL COMPLY WITH HARRIS COUNTY REQUIREMENTS AND NFPA.
18. PROVIDE DEDICATED STRUCTURAL CONCRETE FOUNDATION PAD FOR ALL ON-SITE ELECTRICAL TRANSFORMERS PER THE ELECTRICAL SERVICE PROVIDER REQUIREMENTS AND/OR SPECIFICATIONS.
19. PROVIDE DEDICATED STRUCTURAL CONCRETE FOUNDATION PAD FOR ALL ON-SITE GENERATORS AND ANY ASSOCIATED GENERATOR ENCLOSURES.

GENERAL SITE NOTES



2 ESP - ATHLETICS
1" = 30'-0" BACK REF: AS1.02**1** ESP - ART ADDITION SITE PLAN
1" = 10'-0" BACK REF: AS1.02**3** ESP - ORCHESTRA ADDITION SITE PLAN
1" = 10'-0" BACK REF: AS1.02

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WEST BELT SURVEYING, INC.
21020 PARK ROW
KATY, TX 77449
PHONE (281) 599-9288
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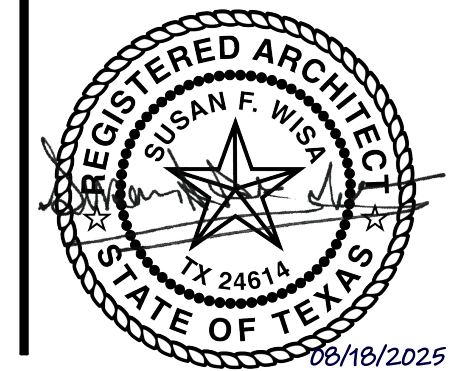
GENERAL SITE NOTES

Revision /

Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Huckabee
www.huckabee-inc.com
800.687.1229

ENLARGED SITE PLAN

Job No.

01818-07-01

Drawn By:

PR

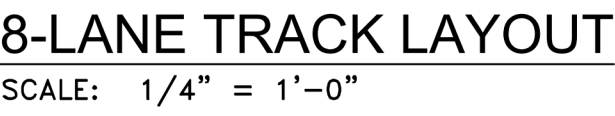
Date:

08/18/2025

Sheet No.

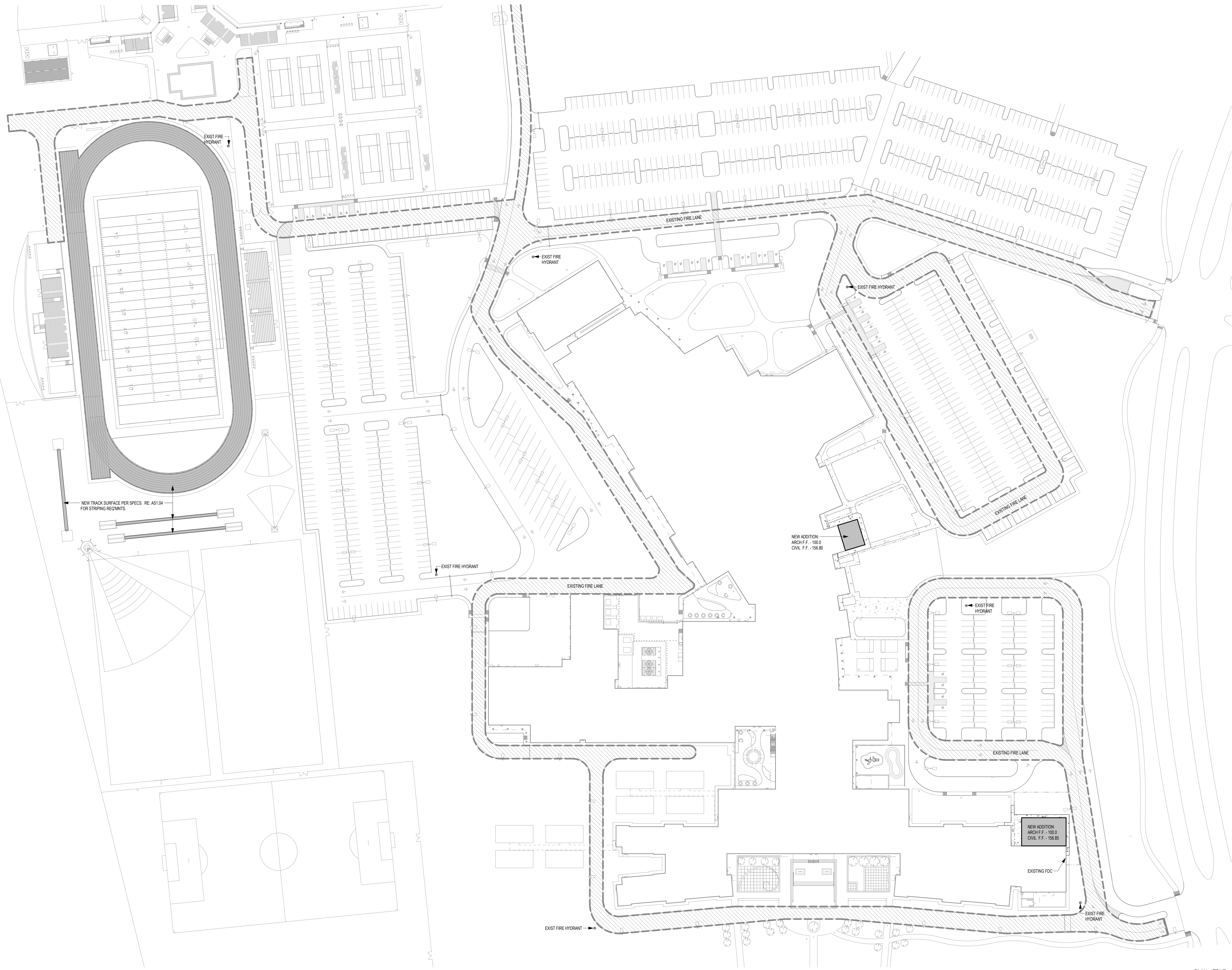
AS1.03

HURDLE LAYOUT				
EVENT	NO. OF HURDLES	START TO 1ST HURDLE	BETWEEN HURDLES	LAST HURDLE TO FINISH
100 METER	10	13.0M (42"-8")	8.5M (27"-10.75")	10.5M (34"-5.5")
110 METER	10	13.72M (45")	9.14M (30")	14.02M (45"-10.625")
300 METER	8	45M (147"-7.5")	35M (114"-10")	10M (32"-9.75")

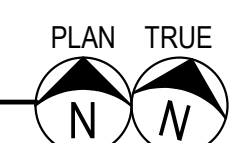


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1 MASTER SITE PLAN - FIRE LANE SHEET SHOWN FOR REFERENCE, NO SCOPE THIS SHEET
1" = 60'-0"



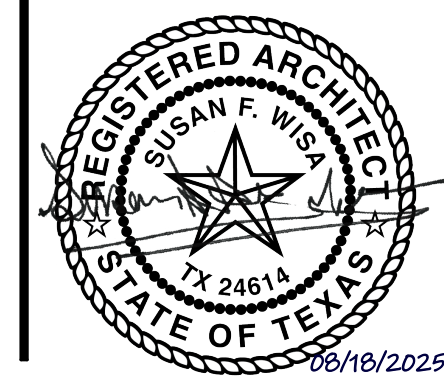
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Revision /

Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



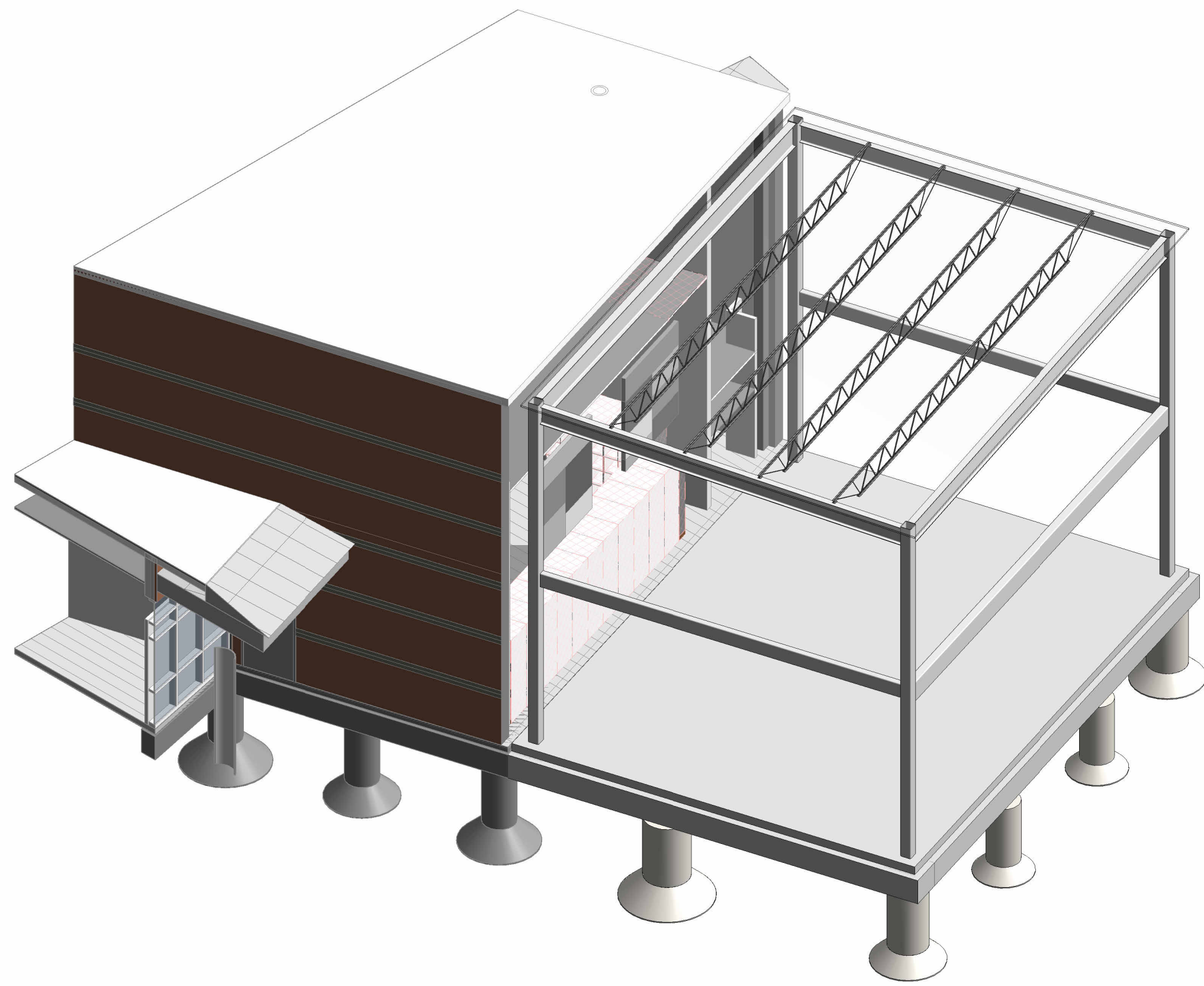
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ARCHITECTURAL SITE PLAN
- EXISTING FIRE LANE
STRIPING

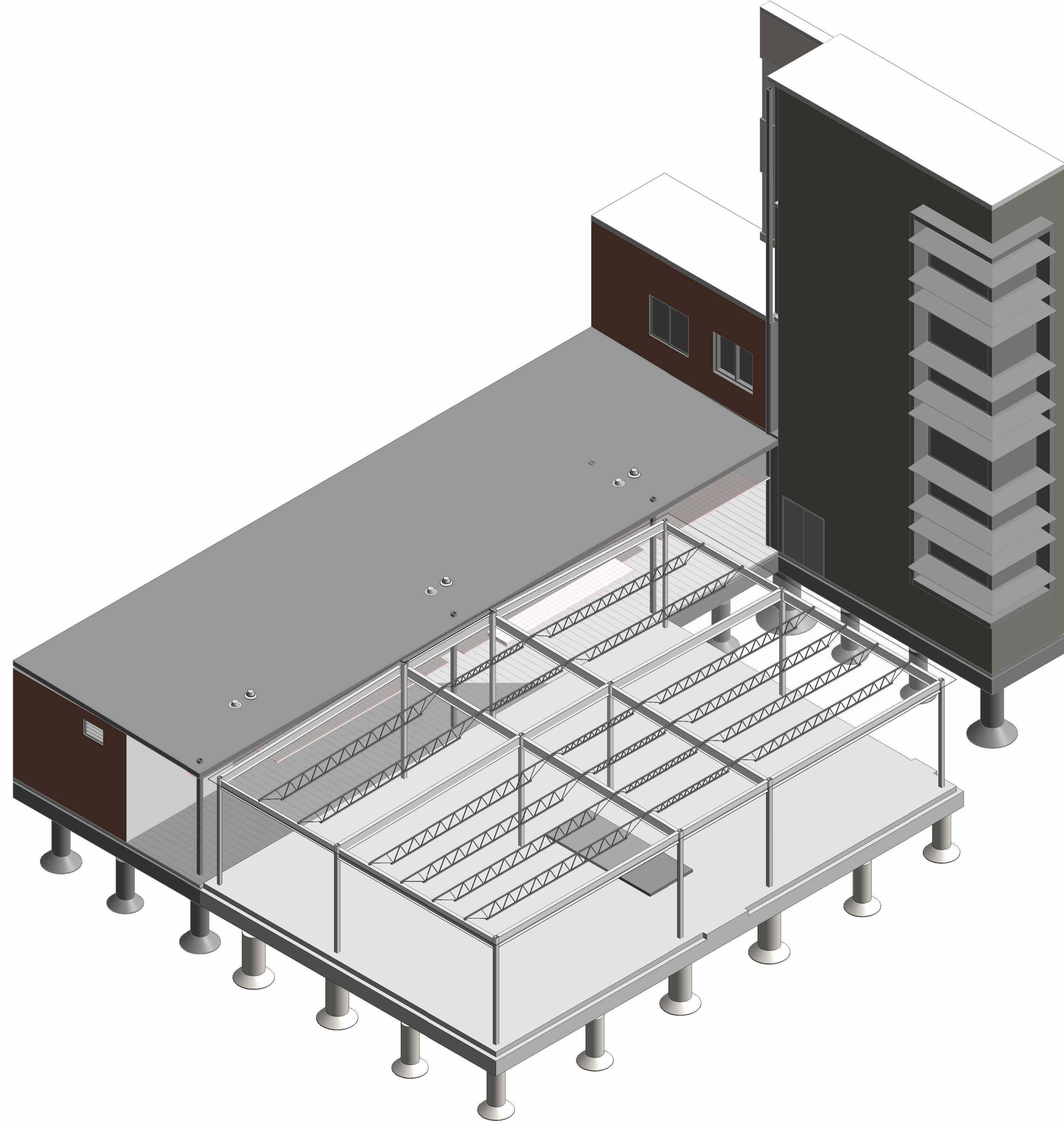
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01818-07-01
Drawn By:
PR
Date:
06/18/2025

Sheet No.

AS1.05



1 PRESENTATION 3D VIEW - AREA L



2 PRESENTATION 3D VIEW - AREA D/E

SHEET LIST	
Sheet Number	Sheet Name
S001	3D VIEW AND SHEET LIST
S101	GENERAL STRUCTURAL CRITERIA
S102	GENERAL STRUCTURAL CRITERIA
S201	FOUNDATION PLAN - OVERALL
S201D/E	FOUNDATION PLAN - AREA D/E
S201L	FOUNDATION PLAN - AREA L
S202	ROOF FRAMING PLAN - OVERALL
S202D/E	ROOF FRAMING PLAN - AREA D/E
S202L	ROOF FRAMING PLAN - AREA L
S301	FOUNDATION, COLUMN AND BASEPLATE SCHEDULES
S401	TYPICAL SLAB ON GRADE DETAILS
S402	TYPICAL GB AND CF DETAILS
S403	FOUNDATION DETAILS
S501	TYPICAL FRAMING DETAILS
S502	TYPICAL ROOF FRAMING DETAILS (JOIST)
S503	TYPICAL COLD FORMED METAL FRAMING DETAILS
S504	TYPICAL CMU DETAILS
S601	ROOF FRAMING DETAILS

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Dally
ASSOCIATES
STRUCTURAL CIVIL
8800 Richmond Avenue, Suite 400
Houston, Texas 77042
713.337.6881
Tennessee Registered Engineering Firm
D + A PROJECT # 24-075-00



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3D VIEW AND SHEET LIST

PACKAGE	VOLUME
Job No. 01818-07-01	Sheet No.
Drawn By: JT	S001
Date: 08/18/2025	

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:

- INTERNATIONAL BUILDING CODE, 2018 EDITION.
- AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE); MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-16, AS AMENDED.
- AMERICAN CONCRETE INSTITUTE (ACI), BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318, AS AMENDED.
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, 360-16, AS AMENDED.
- AMERICAN WELDING SOCIETY (AWS).
- STEEL JOIST INSTITUTE (SJI), STANDARD SPECIFICATIONS FOR OPEN WEB STEEL JOISTS AND JOIST GIRDERS.
- STEEL DECK INSTITUTE (SDI), DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS, ROOF DECKS, AND CELLULAR METAL FLOOR DECK WITH ELECTRICAL DISTRIBUTION.
- 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. CLASS ROOMS	10	55(*)
3. ROOF	20	20
4. 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 138 MPH (ASD WIND SPEED OF 83 MPH), 3-SECOND GUST, WITH EXPOSURE C, AND A RISK CATEGORY II (ASCE 7-16 METHOD).

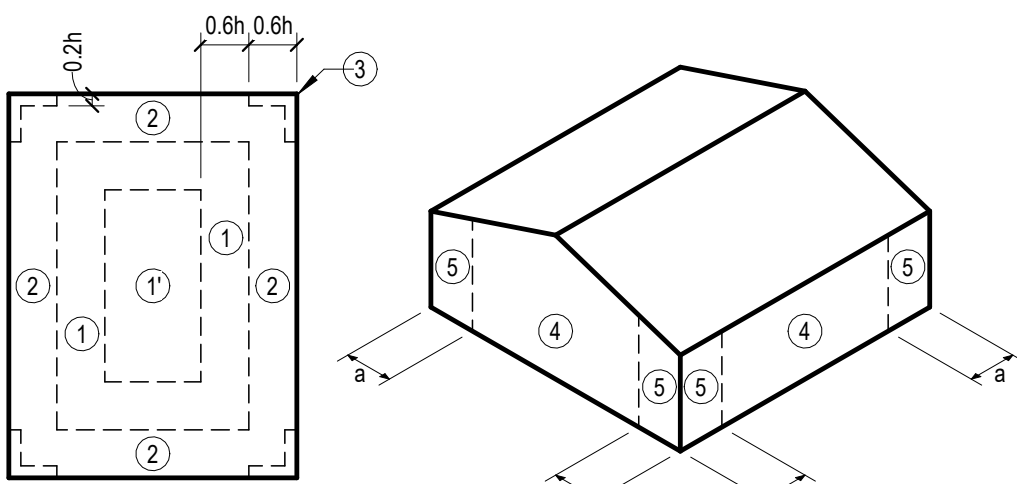
2. COMPONENTS AND CLADDING PRESSURES (PSF) FOR "CLOSED" BUILDINGS:

		ZONE 1	ZONE 1'	ZONE 2	ZONE 3
ROOF	10 FT²	19.6	-76.8	19.6	-44.1
	100 FT²	16.0	-69.9	16.0	-44.1
		16.0	-79.6	16.0	-94.8

		ZONE 4	ZONE 5
WALLS	10 FT²	44.1	-47.8
	100 FT²	37.6	-41.3
		37.6	-45.8

- RE: IBC 2018 FOR ADDITIONAL DESCRIPTION OF PRESSURE ZONES.
- POSITIVE PRESSURES ARE PRESSURES ACTING TOWARD THE BUILDING.
- NEGATIVE PRESSURES ARE PRESSURES ACTING AWAY FROM THE BUILDING.
- VALUES ABOVE ARE FOR BASIC DESIGN WIND PRESSURES. THE ASD FACTOR 0.6.

3. ZONE WIDTH DIMENSIONS:
a. (width) = 14'-0"
0.2h = 7'-0"
0.6h = 21'-0"



E. SEISMIC CRITERIA:
1. IMPORTANCE FACTOR: 1.25
2. RISK CATEGORY: III
3. MAPPED SPECTRAL RESPONSE ACCELERATIONS:
a. Sa: 0.067
b. S1: 0.039
4. SITE CLASS: D
5. SPECTRAL RESPONSE COEFFICIENTS:
a. SDS: 0.071
b. SD1: 0.062
6. SEISMIC DESIGN CATEGORY: A
7. BASIC SEISMIC FORCE-RESISTING SYSTEM: STRUCTURAL STEEL SYSTEMS NOT SPECIFICALLY DESIGNED 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

3. ROOF RAIN LOAD DATA: RAIN INTENSITY, 1=5.06 IN/HR

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 DISCREPANCY DURING PREPARATION OF BIDS AND PROPOSALS, BEFORE COMMENCING THE WORK IN QUESTIONS. NO FIELD CHANGES OR DEVIATIONS 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 CONCORD 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
- STEEL ROOF DECK
- COLD FORMED METAL FRAMING
- COLD FORMED METAL FRAMING CALCULATIONS
- WELD: STEEL FABRICATIONS

6. DELEGATED STRUCTURAL DESIGN OF COMPONENTS:

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

B. 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 = HSS80X6X3/8
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 W14X414 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 WICKERS AT 4'-0" OC AND CONTINUOUS W10X20 ALONG THE BOTTOM. HANGERS SHALL BE SPACED AT 2'-0" ON CENTER AT STACKED ENDS OF PARTITION.

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 WICKERS AT 4'-0" AND CONTINUOUS W10X20 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 DOORHOUSING 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 9" 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 MANUFACTURERS RECOMMENDATIONS.

3. THE MAXIMUM GRADE BEAM SPAN IS 20'-0". PROVIDE ADDITIONAL 2X48 PIER AT MID SPAN WHERE PIERS ARE NOT SHOWN ON PLAN AND ALLOWABLE SPAN IS EXCEEDED.

4. ASSUME GRADE BEAM TYPE "16H" FOR ALL LOCATIONS WHERE CMU WALLS EXCEED 16'-0" IN HEIGHT ARE SHOWN ON PLANS. SUPPLY 2X48 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 CB1 GRADE BEAM ON 2X48 DRILLED PIERS SPACED AT 15'-0" MAXIMUM. STRUCTURAL MASONRY WALL SHALL BE 8" CMU WITH #6 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.

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. FOOTINGS SHALL BE 1'-0" THICK x 3'-0" WIDE BEARING 3'-0" BELOW FINISHED GRADE. STRUCTURAL MASONRY WALL SHALL BE 8" CMU WITH #6 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.

CONCRETE

A. CONCRETE SCHEDULE:

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

3. PROVIDE DEFORMED NEW BELLET 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.

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

5. 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.

6. 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.

7. 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.

8. 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.

9. 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 SPICE LENGTH PURPOSES.

BAR SIZE	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	15
#5	36	31	28	26	28	24	22	20
#6	43	37	34	31	33	29	26	24
#7	63	54	48	45	46	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" CAWELDS OR EQUAL.

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

4. 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.

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

- UNFORMED SURFACES IN CONTACT WITH EARTH: 3 INCHES
- UNFORMED SURFACES UNDER MOISTURE BARRIER: 2 INCHES
- FORMED SURFACES EXPOSED TO EARTH OR WEATHER
 - #5 AND LARGER: 2 INCHES
 - #5 AND SMALLER: 1 1/2" INCHES
- FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER
 - #5 AND LARGER: 3/4 INCHES
 - #5 AND SMALLER: 1/2 INCHES

EXCAVATION, BACKFILLING & FOUNDATIONS

A. A GEOTECHNICAL EXPLORATION OF SUBSURFACE CONDITIONS, CONTAINING TEST BORINGS, LABORATORY TEST, ENGINEERING ANALYSIS AND FOUNDATION RECOMMENDATIONS, PERFORMED BY RARA KISTNER DATED 10/04/2024. REPORT NO. ARA24-044-00 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 DETERIORATED 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. GEOTECH RECOMMENDS 1'-0" SELECT FILL PAD PER REPORT.

4. FOUNDATIONS HAVE BEEN DESIGNED FOR ALLOWABLE PRESSURE OF 3000 PSF

5. REFER TO THE GEOTECHNICAL EXPLORATION FOR ADDITIONAL INFORMATION.

STRUCTURAL STEEL

A. ROLLED SHAPES:

- ALL STRUCTURAL STEEL FOR ALL THE HORIZONTAL FRAMING MEMBER SHALL CONFORM TO ASTM A992, GRADE 50, UNLESS OTHERWISE NOTED.
- ALL STRUCTURAL STEEL FOR HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO ASTM A500, GRADE B WITH A MINIMUM YIELD OF 46 KSI, UNLESS OTHERWISE NOTED.
- ALL STRUCTURAL STEEL FOR PIPE SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B, UNLESS OTHERWISE NOTED.
- ALL STRUCTURAL STEEL FOR ANGLES, PLATES AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36, UNLESS OTHERWISE NOTED.
- ALL EXPOSED STEEL TO BE HOT DIPPED 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:

- ALL WELD SIZES AND LENGTHS
- ALL BOLT SIZES, LOCATIONS, QUANTITIES AND GRADES
- ALL PLATE AND ANGLE SIZES, THICKNESS AND DIMENSIONS
- 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 16TH 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/ "GALVALUTE" BY Z.R.C. OR APPROVED EQUAL ARC WELDING ELECTRODES.

4. METAL DECK - E80XX STRUCTURAL STUDS - E8022 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 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.

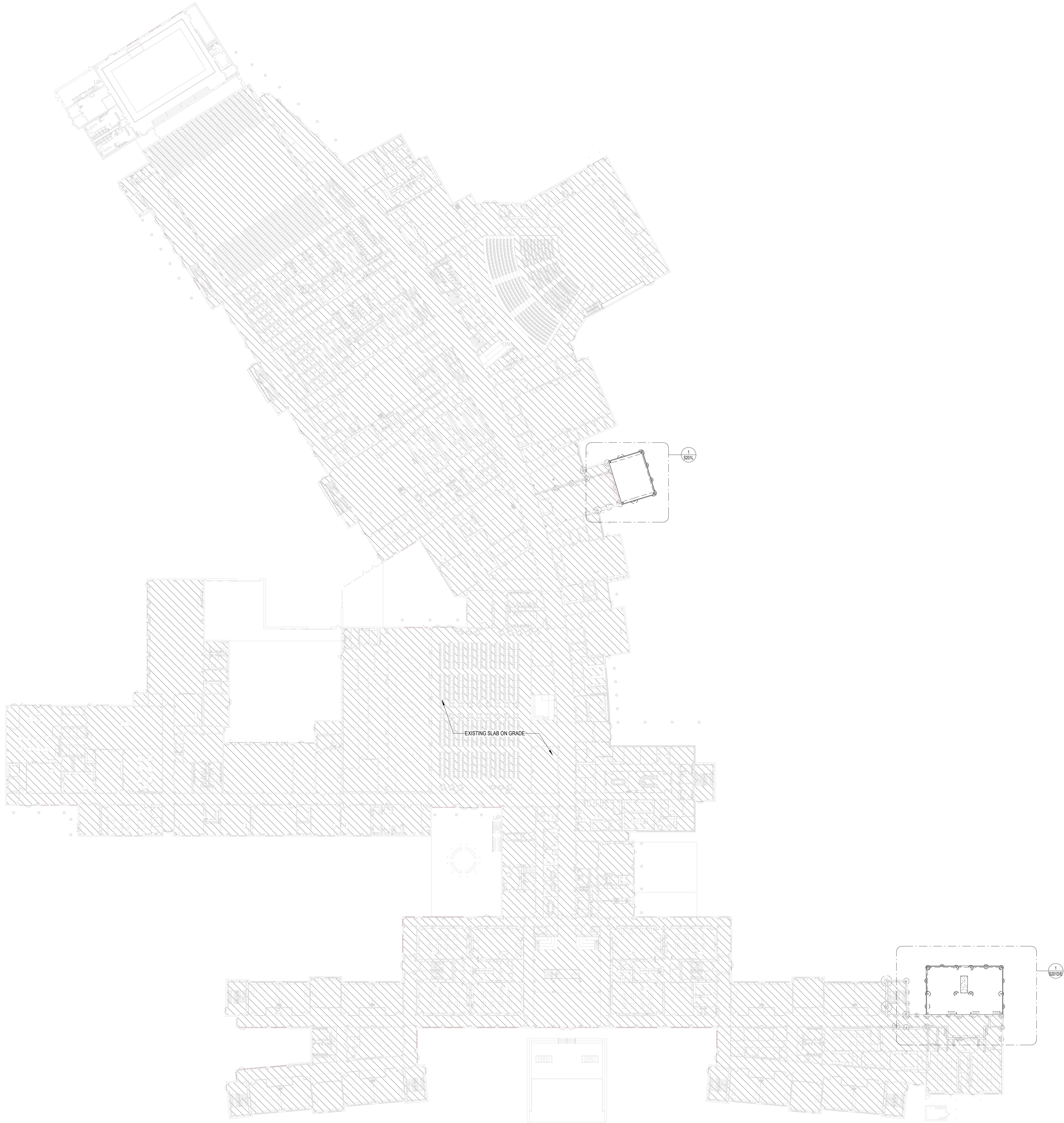
F. STEEL DECK:

TYPE 1

1. PROVIDE 1" VENTED METAL DECK 20 GAUGE STEEL SHEETS AND CONFORMING TO ASTM A663, STRUCTURAL STEEL (SS), GRADE 80. 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:

- MOMENT OF INERTIA: I=0.088INCHES⁴ /FOOT WIDTH
- SECTION MODULUS: Sx=0.167 INCHES³ /FOOT WIDTH
-



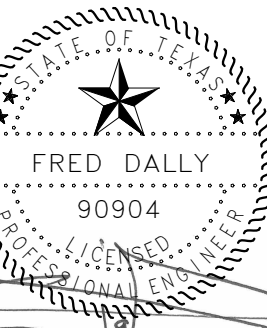
1 FOUNDATION PLAN - OVERALL
1" = 40'-0"

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Dally
ASSOCIATES
STRUCTURAL CIVIL

8000 Richmond Avenue, Suite 400
Houston, Texas 77042
1713.337.6681
Texas Registered Engineering Firm
D + A PROJECT # 24-075-00



08/18/2025

Huckabee

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FOUNDATION PLAN -
OVERALL

PACKAGE VOLUME

Job No.
01818-07-01

Sheet No.

Drawn By:
JT

Date:
08/18/2025

S201

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
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10707 MASON RD, CYPRESS, TX 77433

Project:

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+ ASSOCIATES
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08/18/2025

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FOUNDATION PLAN - AREA
D/E

PACKAGE VOLUME

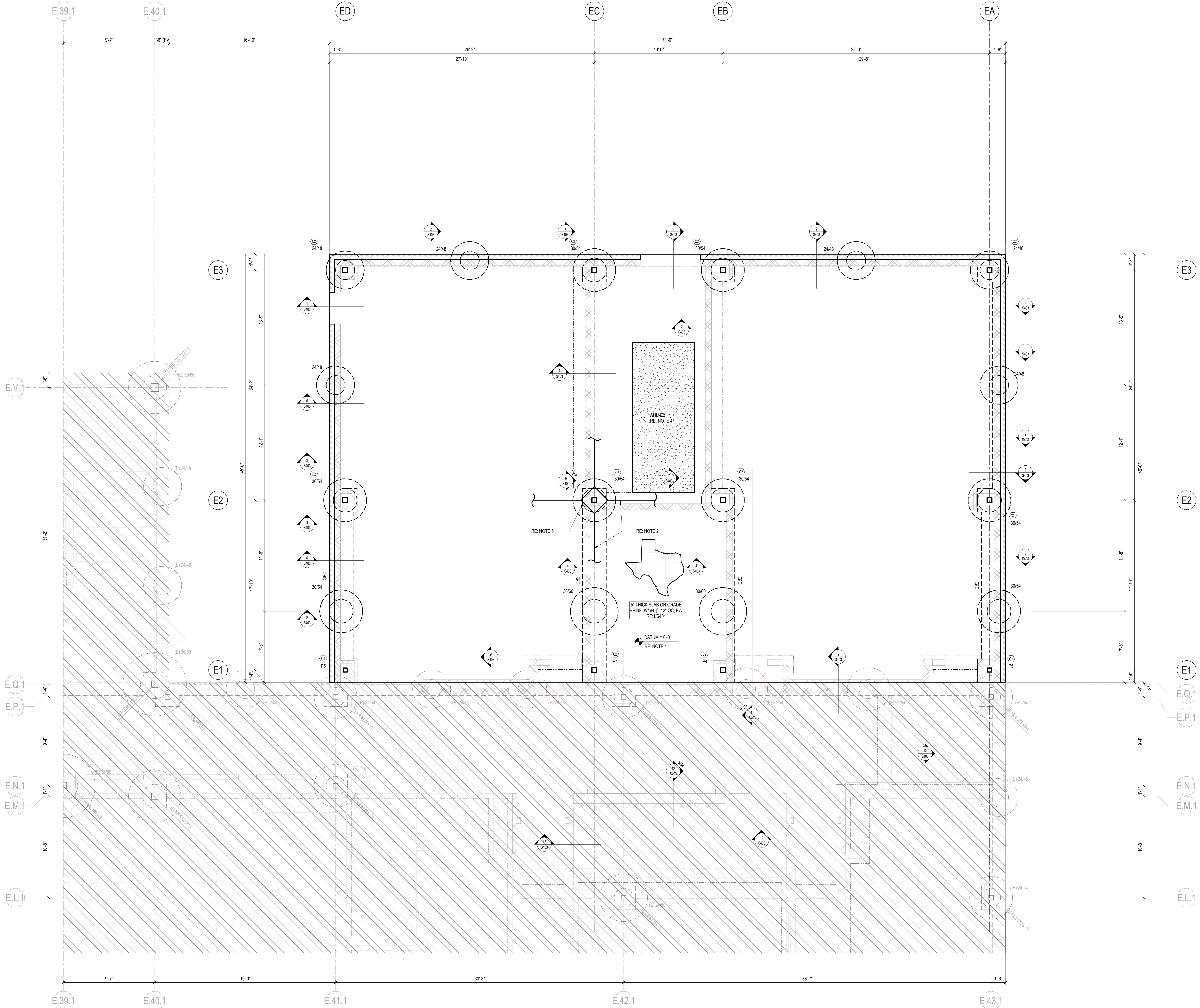
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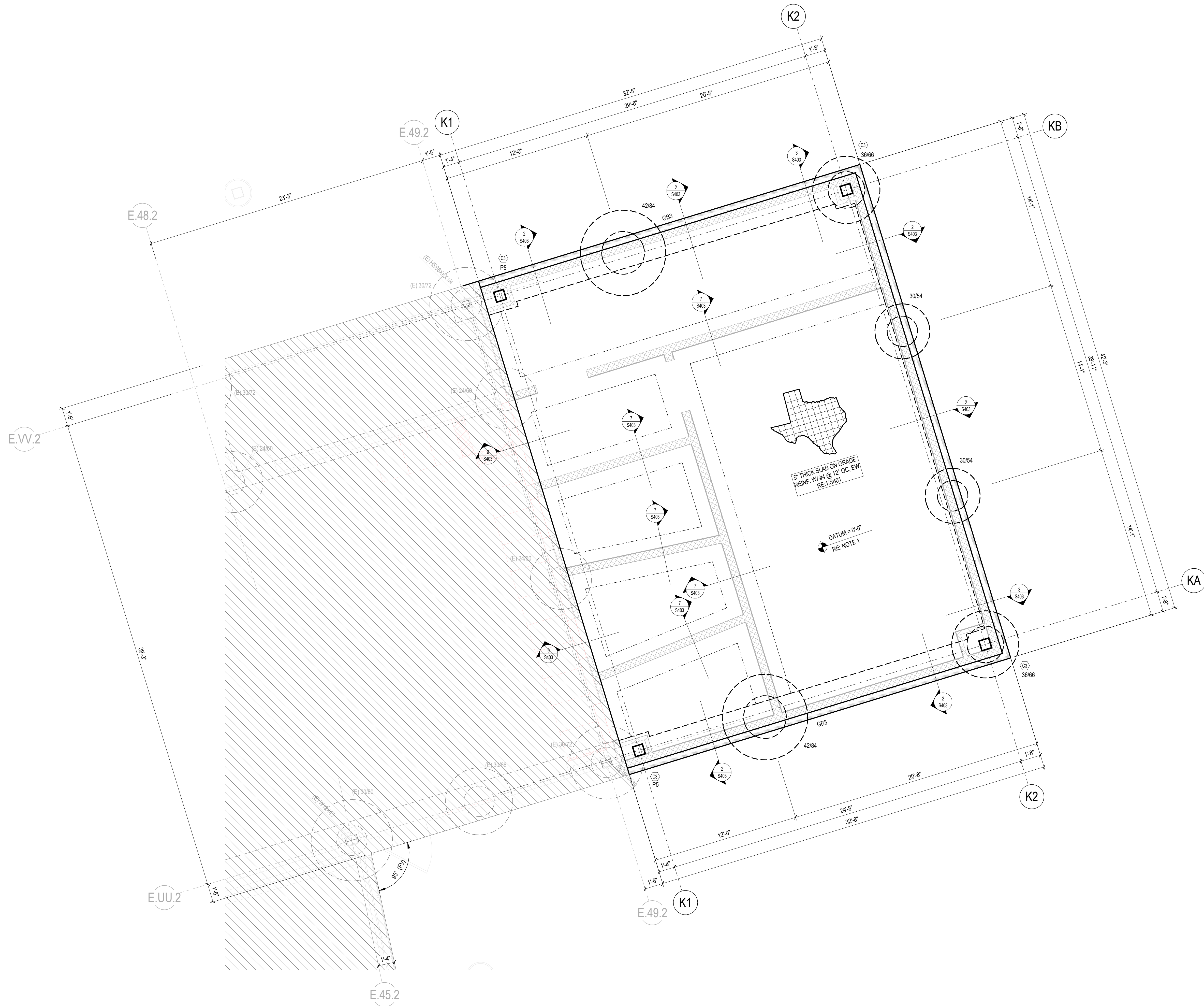
Drawn By:
JT

Date:
08/18/2025

S201D/E



1 FOUNDATION PLAN - AREA D/E
1/4" = 1'-0"



1 FOUNDATION PLAN - AREA L
1/4" = 1'-0"

- FOUNDATION NOTES:
- DATUM ELEVATION $\leq -4'$ CORRESPONDS TO TRUE ELEVATION = RE: CIVIL.
ALL ELEVATIONS ARE RELATIVE TO DATUM ELEVATION $\leq -4'$.
 - 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**
 - PROVIDE ADDITIONAL REINFORCING AT ALL RE-ENTRANT CORNERS **RE: 8 / S401**
 - G.C. TO PROVIDE A HOUSEKEEPING PAD UNDER ALL MECHANICAL UNITS.
FOR TYPICAL HOUSEKEEPING PAD DETAIL **RE: 12 / S401**
 - * (C1) * (EXAMPLE) INDICATES COLUMN SIZE
* (BP1) (EXAMPLE) INDICATES BASE PLATE TYPE
FOR COLUMN BASE PLATE & ANCHOR BOLT
FOR TYPICAL COLUMN BLOCKOUT DETAILS **RE: 6 / S401 RE: 7 / S401 RE: 8 / S401 RE: 9 / S401**
 - * (8\"/>
 - * (P1) (EXAMPLE) INDICATES PLINTH TYPE
ALL INTERIOR PLINTHS ARE TYPE "P1" TYP. UON
ALL PERIMETER PLINTHS ARE TYPE "P2" TYP. UON
ALL CORNER PLINTHS ARE TYPE "P3" TYP. UON
ALL RE-ENTRANT CORNER PLINTHS ARE TYPE "P4" TYP. UON
T.O. PLINTHS ARE AT $\leq -0'-8"$ TYP. UON
FOR PLINTH SCHEDULE & DETAILS **RE: 3 / S301 RE: 4 / S301**
 - * (GB1) (EXAMPLE) INDICATES GRADE BEAM TYPE
ALL GRADE BEAMS ARE TYPE "GB1" TYP. UON
ALL GRADE BEAMS ARE AT ELEVATION $\leq -0'-8"$ TYP. UON
PROVIDE TYPICAL CORNER BARS AT ALL GRADE BEAM INTERSECTIONS **RE: 2 / S301**
FOR GRADE BEAM SCHEDULE & DETAILS
 - G.C. TO COORDINATE ALL SLAB ON GRADE SLOPES, DEPRESSIONS, ELEVATIONS, FLOOR AND TRENCH DRAINS WITH ARCH. PRIOR TO CONSTRUCTION.
G.C. TO PROVIDE CONCRETE CURB AS DESIGNATED IN ARCHITECTURAL DRAWINGS.
FOR TYPICAL CONCRETE CURB DETAIL **RE: 13 / S401**
 - ALL CMU WALL LOCATIONS ARE FOR REFERENCE ONLY.
G.C. TO COORDINATE FINAL CMU WALL LOCATIONS WITH ARCHITECTURAL DRAWINGS
FOR CMU WALLS SLAB ON GRADE SUPPORT **RE: 4 / S403 RE: 7 / S403 RE: 8 / S403**

Date

Revision /

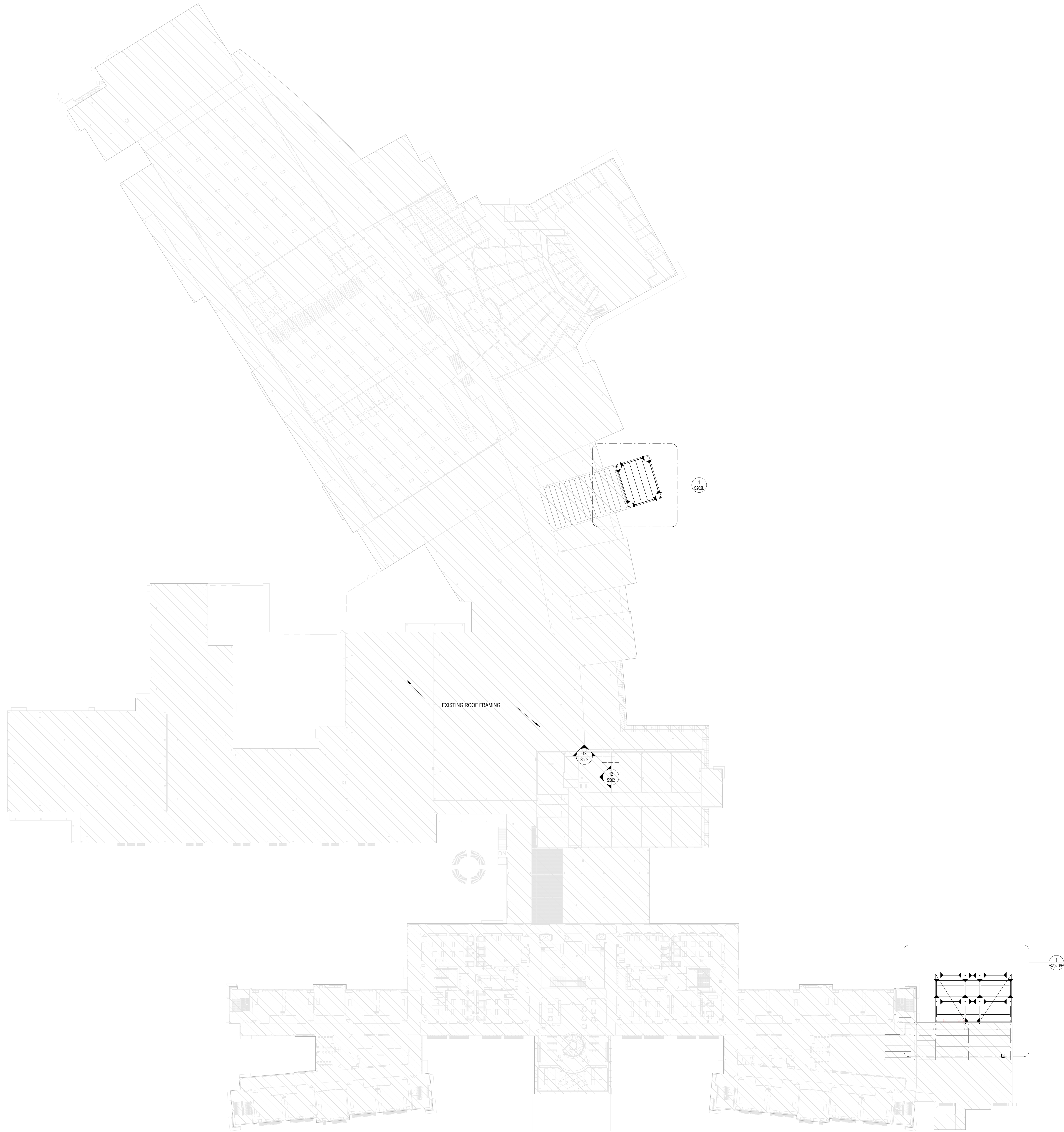
2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



FOUNDATION PLAN - AREA L

PACKAGE		VOLUME
Job No.	01818-07-01	Sheet No.
Drawn By:	JT	S201L
Date:	08/18/2025	



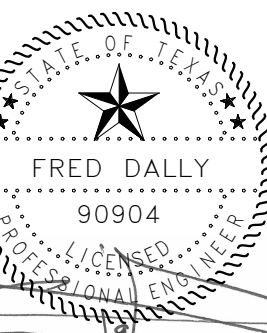
1 ROOF FRAMING PLAN - OVERALL
1" = 40'-0"

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Dally
+ ASSOCIATES
STRUCTURAL CIVIL

8000 Richmond Avenue, Suite 400
Houston, Texas 77042
1 713.337.6681
Texas Registered Engineering Firm
D + A PROJECT # 24-075-00



08/18/2025

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ROOF FRAMING PLAN -
OVERALL

PACKAGE VOLUME

Job No.
01818-07-01

Sheet No.

Drawn By:
JT

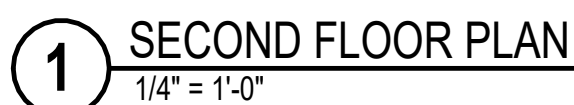
Date:
08/18/2025

S202

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PACKAGE	VOLUME
b No. 818-07-01	Sheet No.
Drawn By:	S202D/E
Date: 1/18/2025	



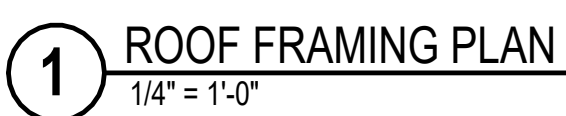
STEEL ROOF FRAMING NOTES:

1. ALL ELEVATIONS ARE RELATIVE TO DATUM ELEVATION.
2. * $\frac{2.0}{12}$ DECK * (EXAMPLE) INDICATES ROOF DECK SPAN TYPE 1 DECKS AND DECK TYPE 1.
 TO ELEVATION AT ROOF DIRECTION AND AT 800, TYP. LONG.
 FOR DECK TYPE INFORMATION * STRUCTURAL, STEEL * GENERAL NOTES.
3. COORDINATE LOCATIONS AND SIZES OF ALL CHASES AND PENETRATIONS WITH MEP.
 COORDINATE CHASE/LOCATIONS OF ALL MEP'S WITH ME/P.
 FOR FRAMING AROUND ROOF OPENINGS **RE-7/5850**
4. PIPE RUN LOCATIONS TO BE SUPPORTED BY THE JOIST MANUFACTURER NOT SHOWN FOR CLARITY. MANUFACTURER AND G.C. TO COORDINATE FINAL PIPE RUN LOCATIONS WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION **RE-7/5850** **RE-7/5850**
5. PROVIDE MID-SPAN BEAM BRACING AT ALL BEAMS DENOTED WITH "I" DIM. SEE DETAILS **1/8501**, **2/8901**.

1000

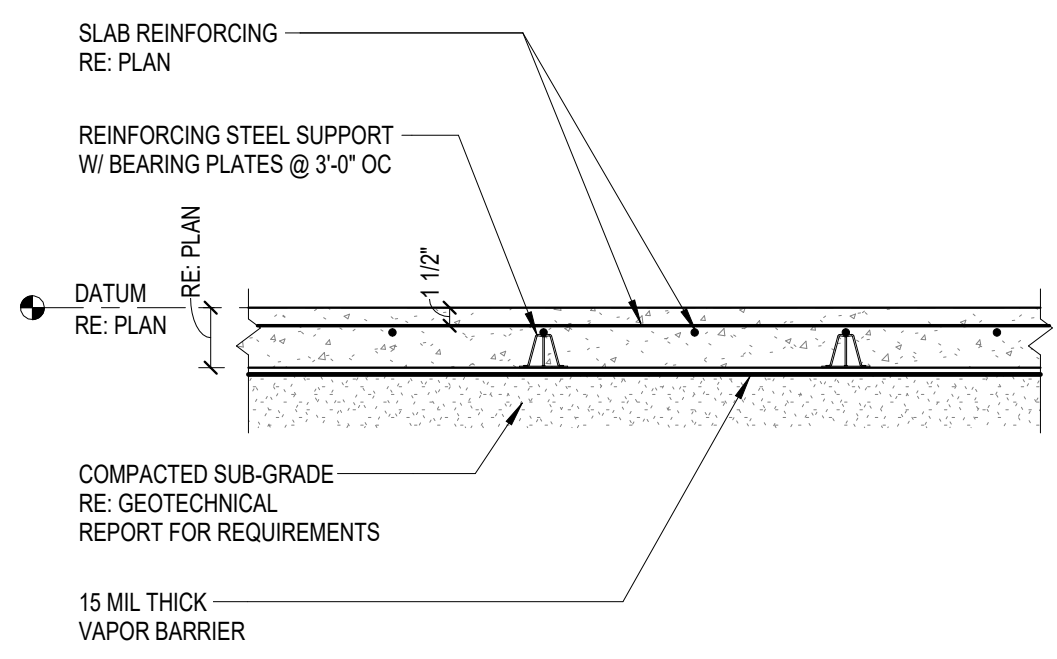


PACKAGE	VOLUME
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Drawn By:	
Date: 18/2025	

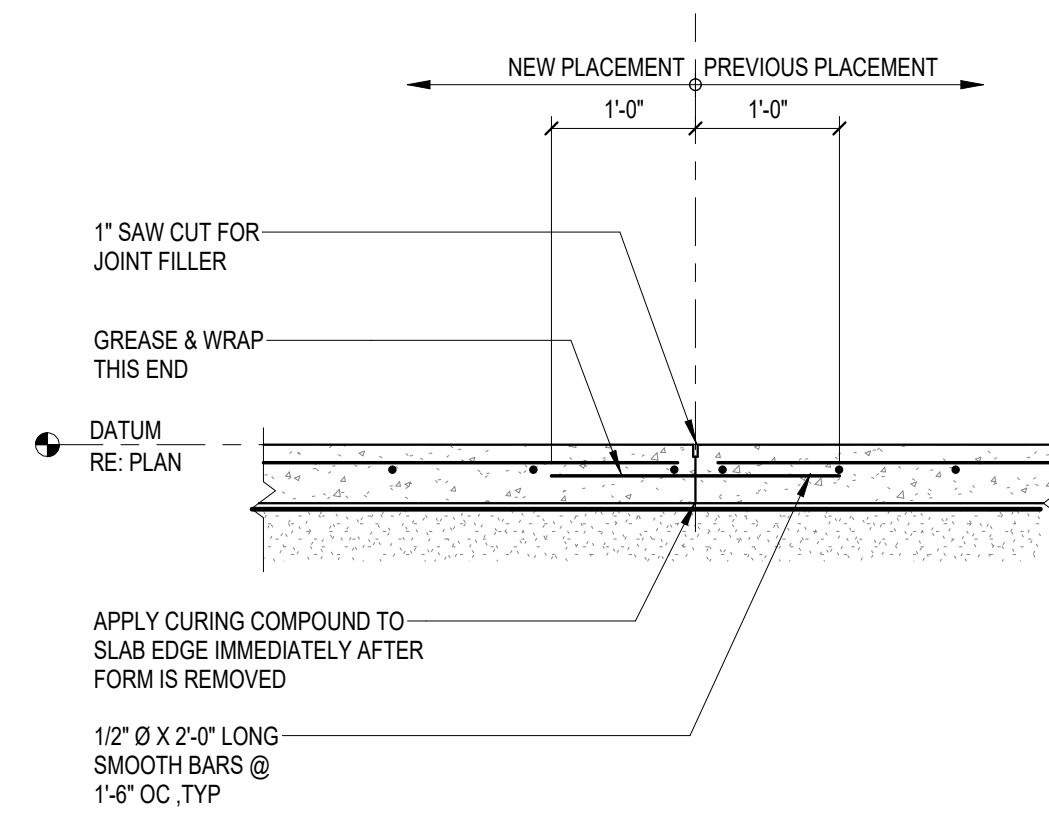


STEEL ROOF FRAMING NOTES:

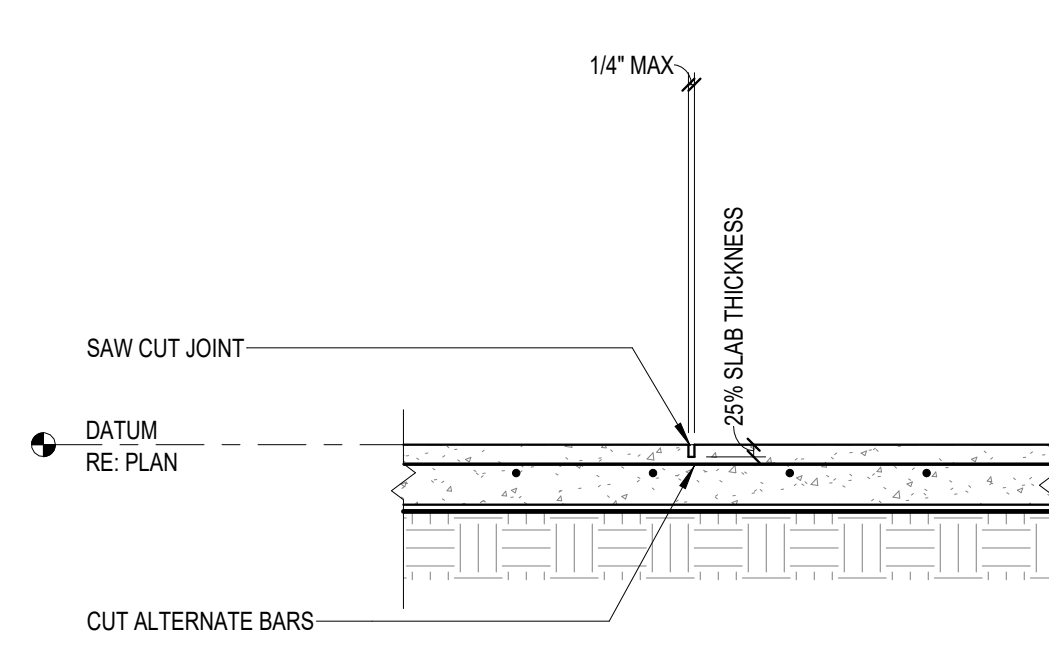
1. ALL ELEVATIONS ARE RELATIVE TO DATUM ELEVATION.
2. DECK * (EXPLICIT) INDICATES ROOF DECK SPAN
 TYPE 1 TYPE 2 TYPE 3 TYPE 4
 FOR TYPE 1 DIRECTION AND DECK TYPE 1
 TOLERANCE AT ROOF DECK JOINT IS ±50. TYPE 10N
 FOR DECK TYPE INFORMATION "STRUCTURAL STEEL" GENERAL NOTES.
3. COORDINATE LOCATIONS AND SIZES OF ALL CHASSES AND PENETRATIONS WITH MEP.
 COORDINATE EXACT LOCATION OF ALL MEP UNITS WITH MEP.
 FOR FRAMING ROUND ROOF OPENINGS **RE-7.5502**
4. PIPE RUN LOCATIONS TO BE SUPPORTED BY THE JOIST MANUFACTURER NOT SHOWN FOR CLARITY. JOIST MANUFACTURER AND G.C. TO COORDINATE FINAL PIPE RUN LOCATIONS WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION **RE-7.5502** **RE-10.5502**
5. PROVIDE MID-SPAN BEAM BRACING AT ALL BEAMS DENOTED WITH "Y" SIM. TO DETAILS **1.5601.25801**



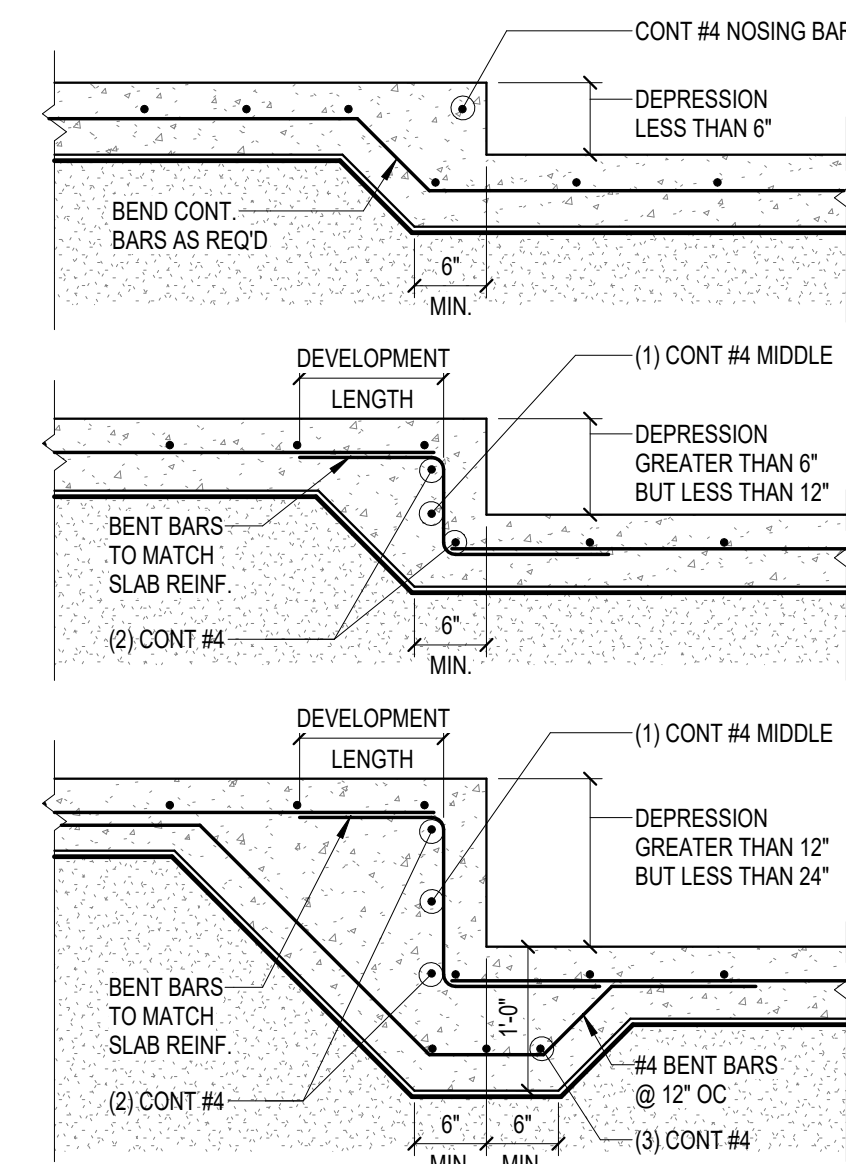
1 TYPICAL SLAB SECTION
3/4" = 1'-0"



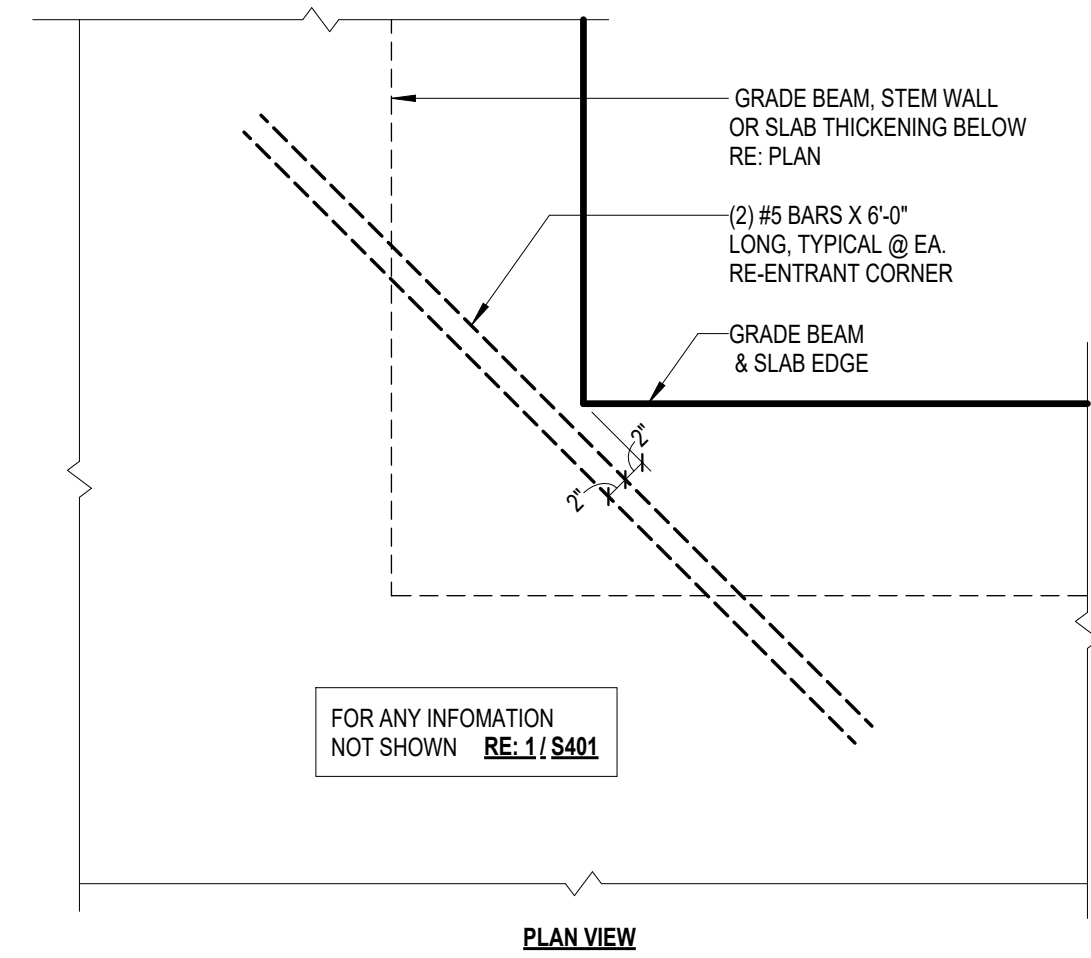
2 TYPICAL SECTION - CONSTRUCTION JOINT
3/4" = 1'-0"



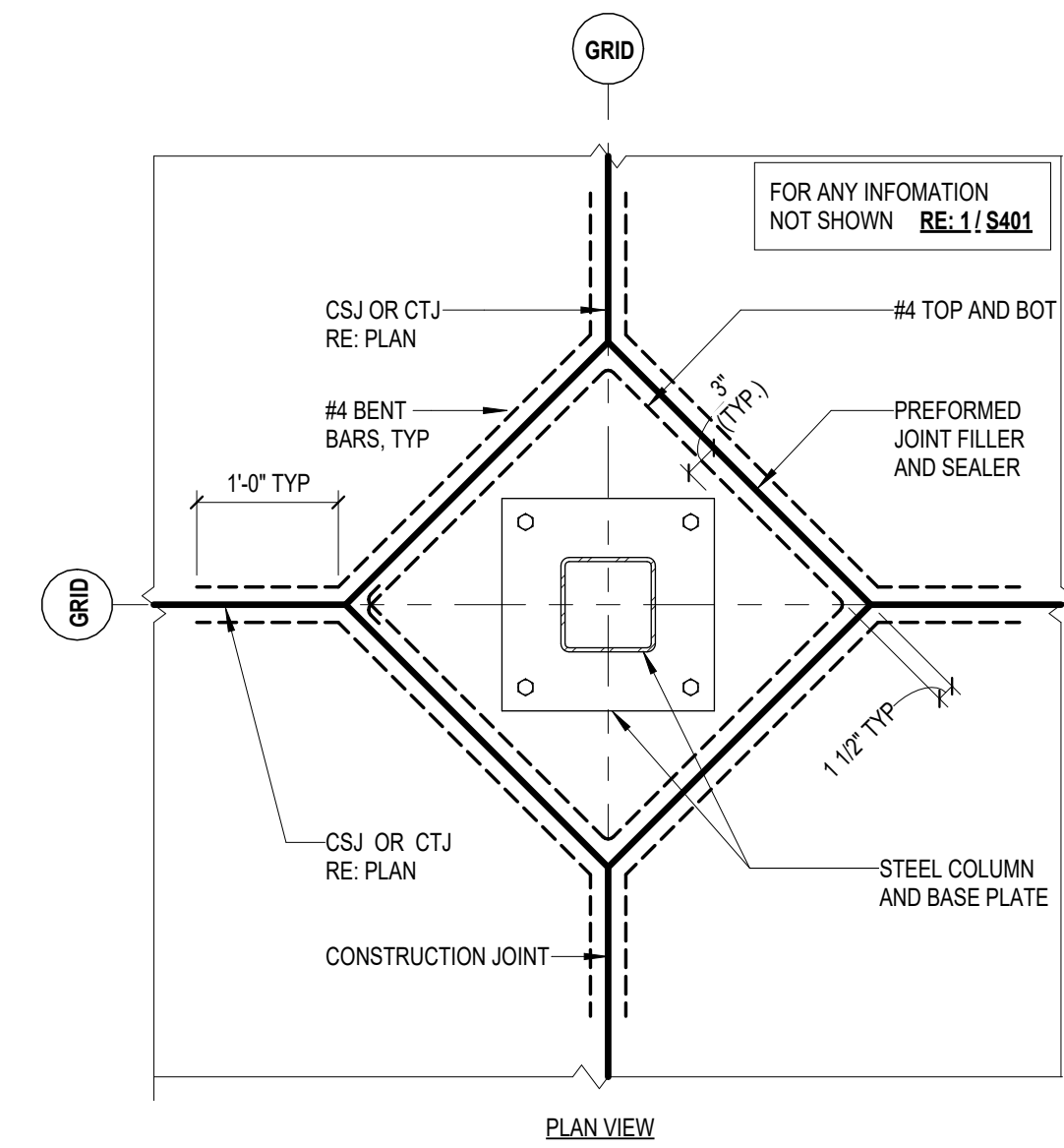
3 TYPICAL SECTION - CONTROL JOINT
3/4" = 1'-0"



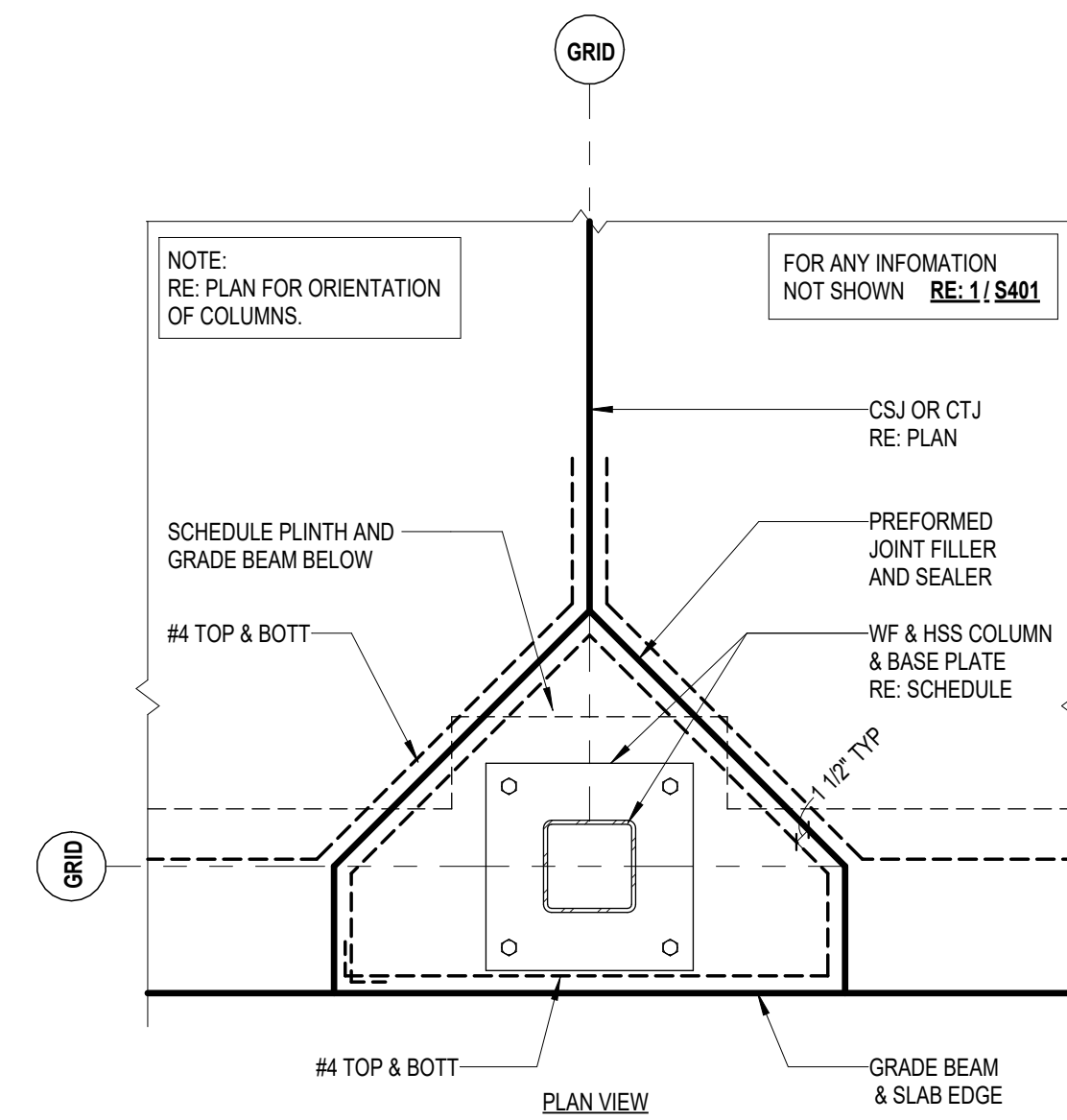
4 TYPICAL SLAB DEPRESSION DETAILS
3/4" = 1'-0"



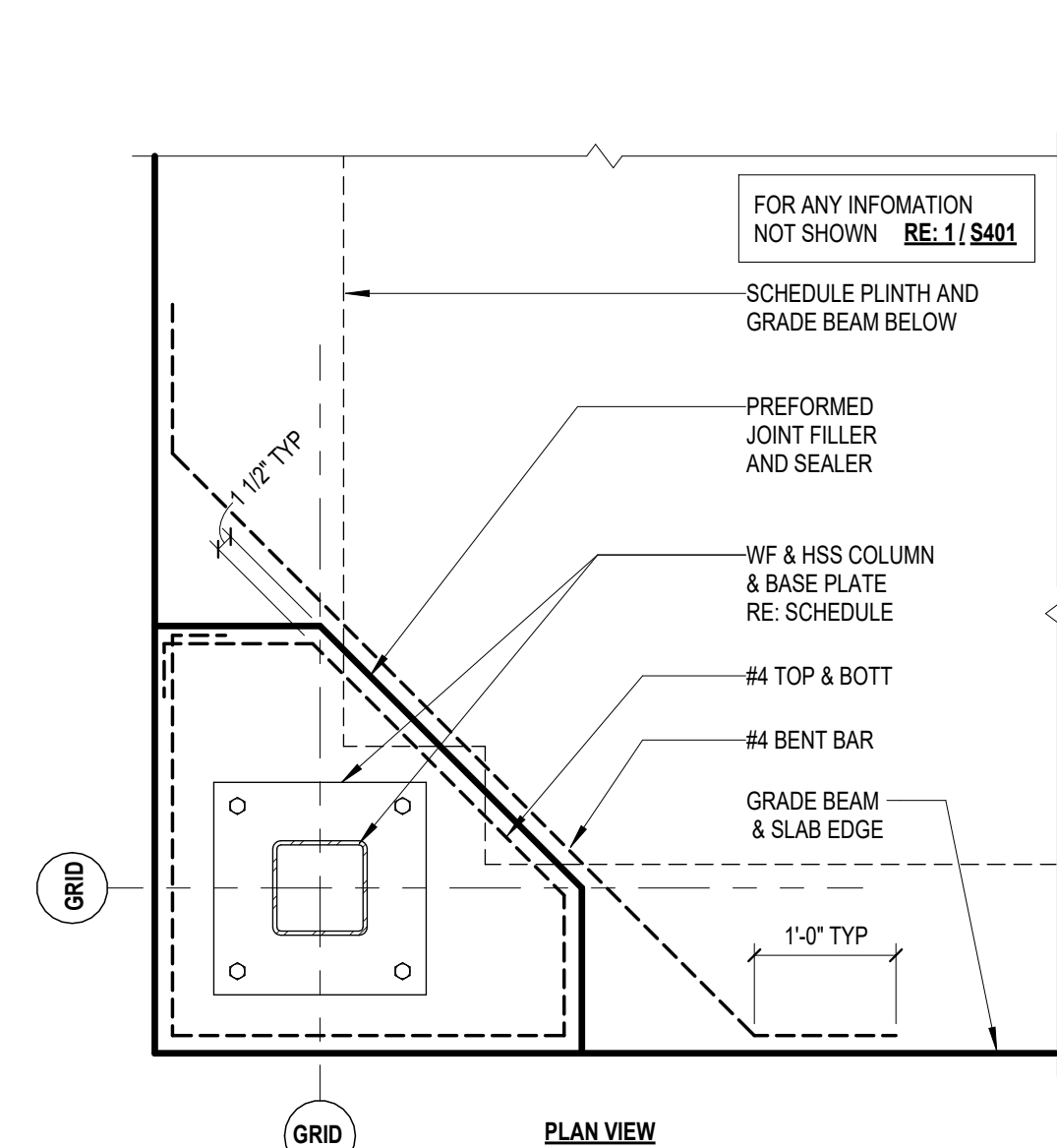
5 TYPICAL RE-ENTRANT CORNER REINF.
3/4" = 1'-0"



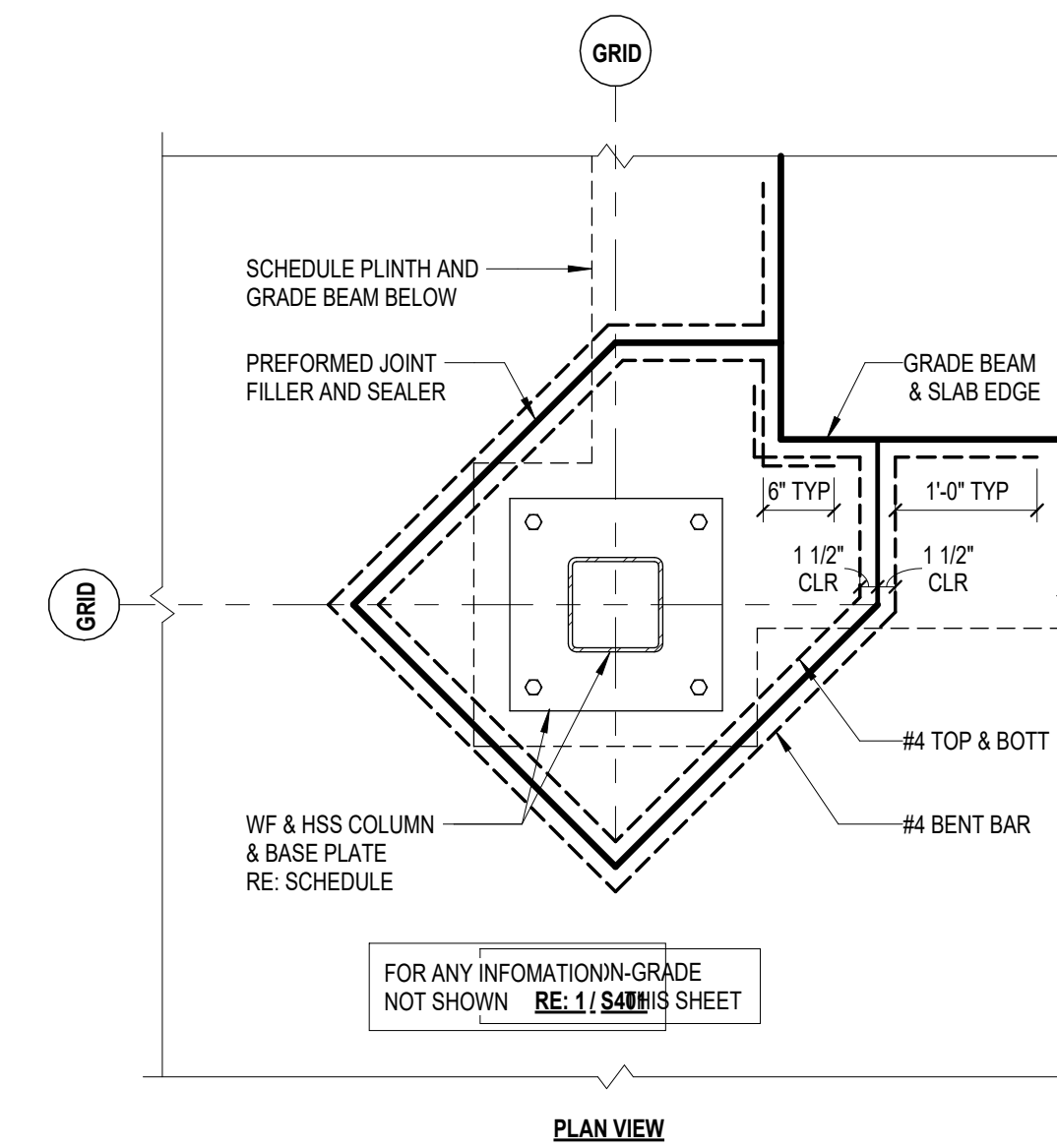
6 TYPICAL INTERIOR COLUMN BLOCK OUT
3/4" = 1'-0"



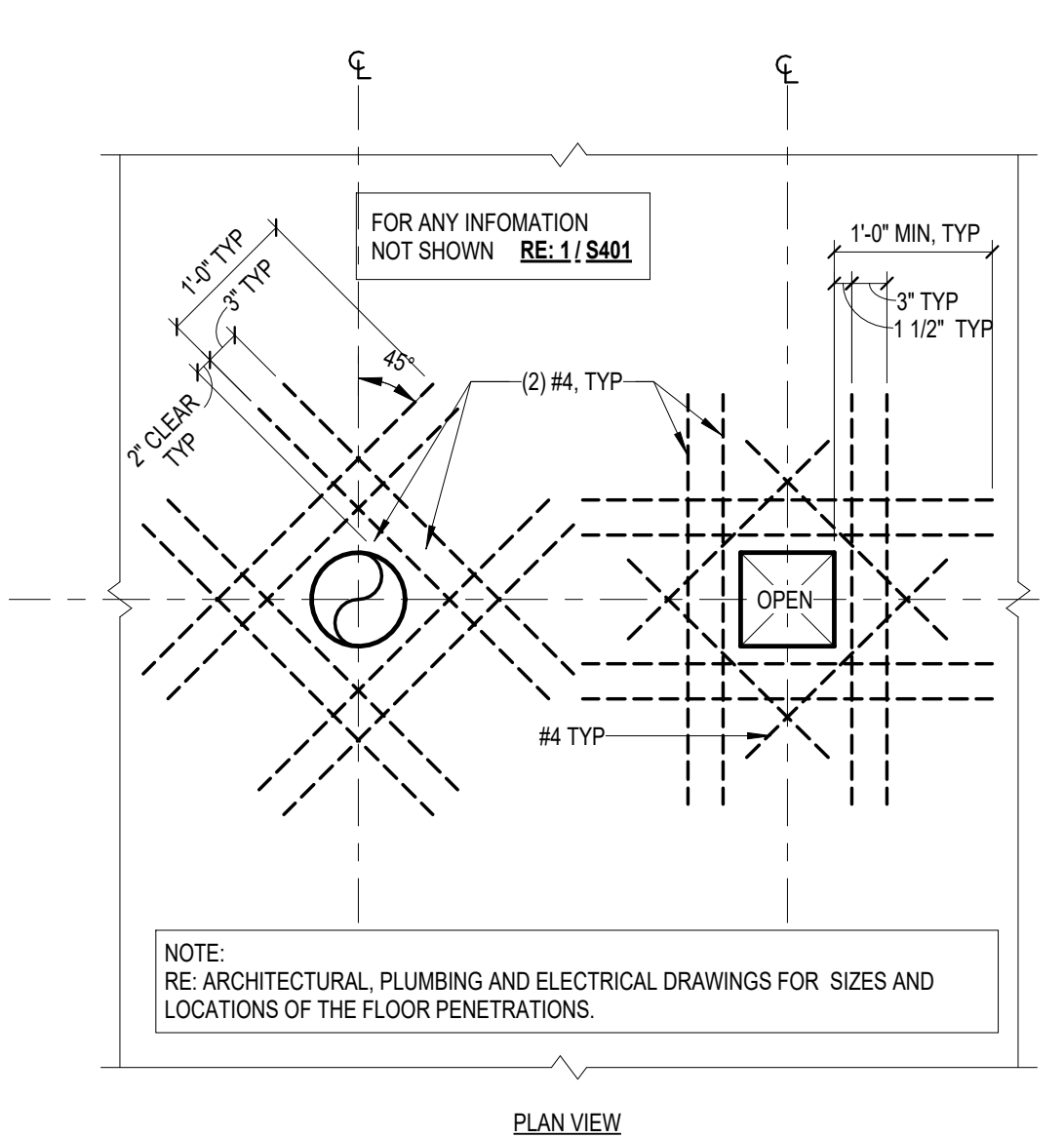
7 EXTERIOR COLUMN BLOCKOUT
3/4" = 1'-0"



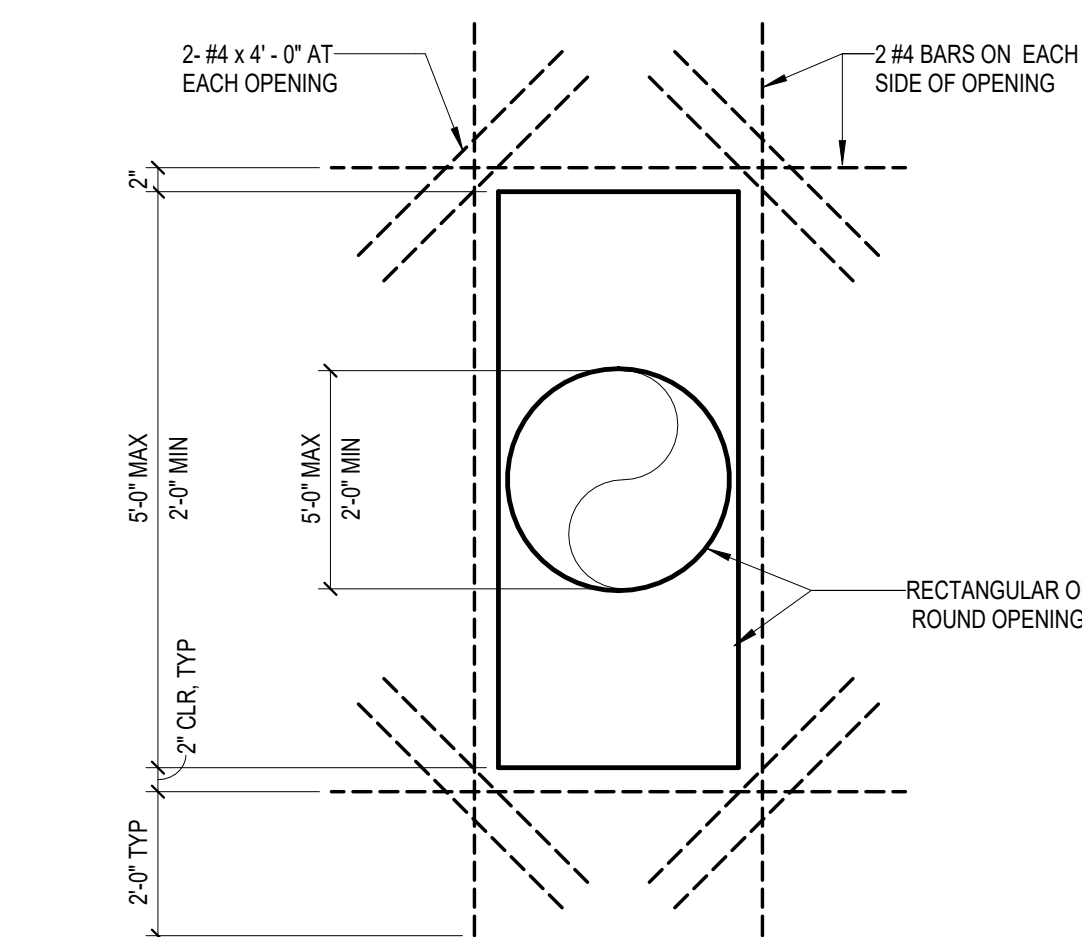
8 CORNER COLUMN BLOCKOUT
3/4" = 1'-0"



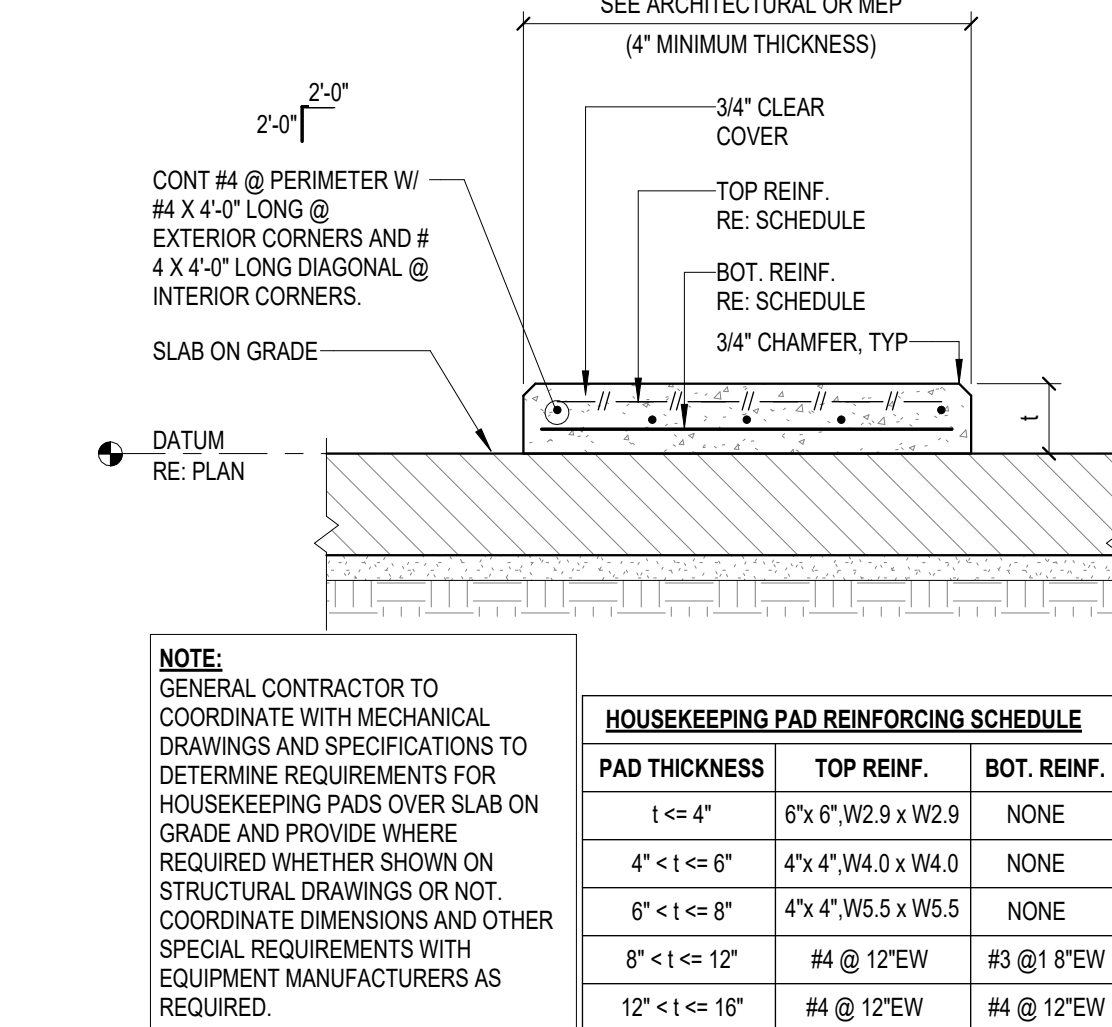
9 RE-CORNER COLUMN BLOCKOUT
3/4" = 1'-0"



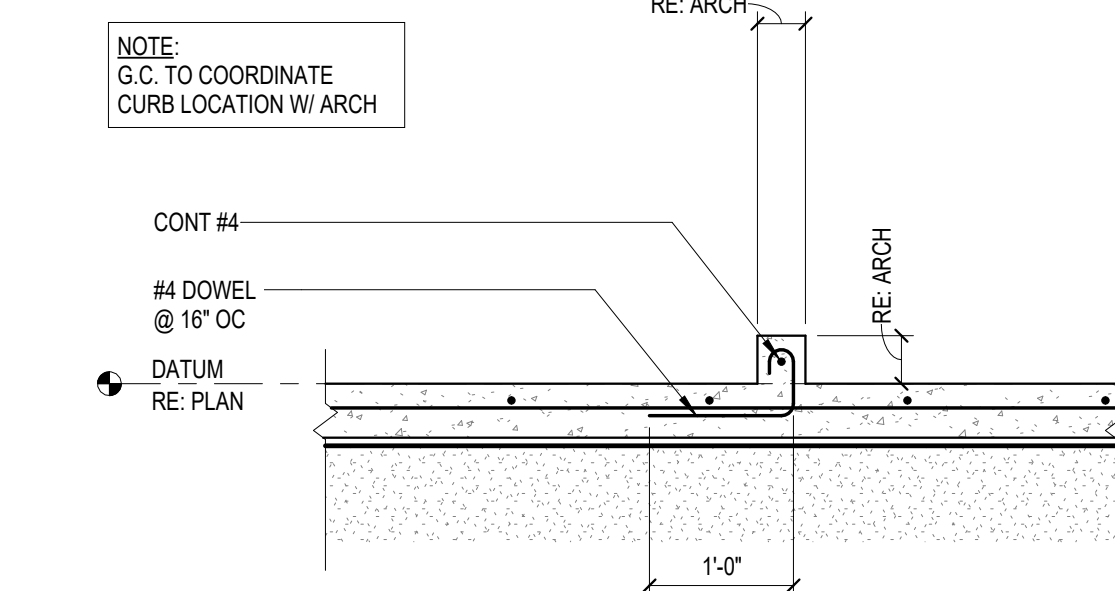
10 SLAB REINF. AT OPENING 2'-0" OR LESS
3/4" = 1'-0"



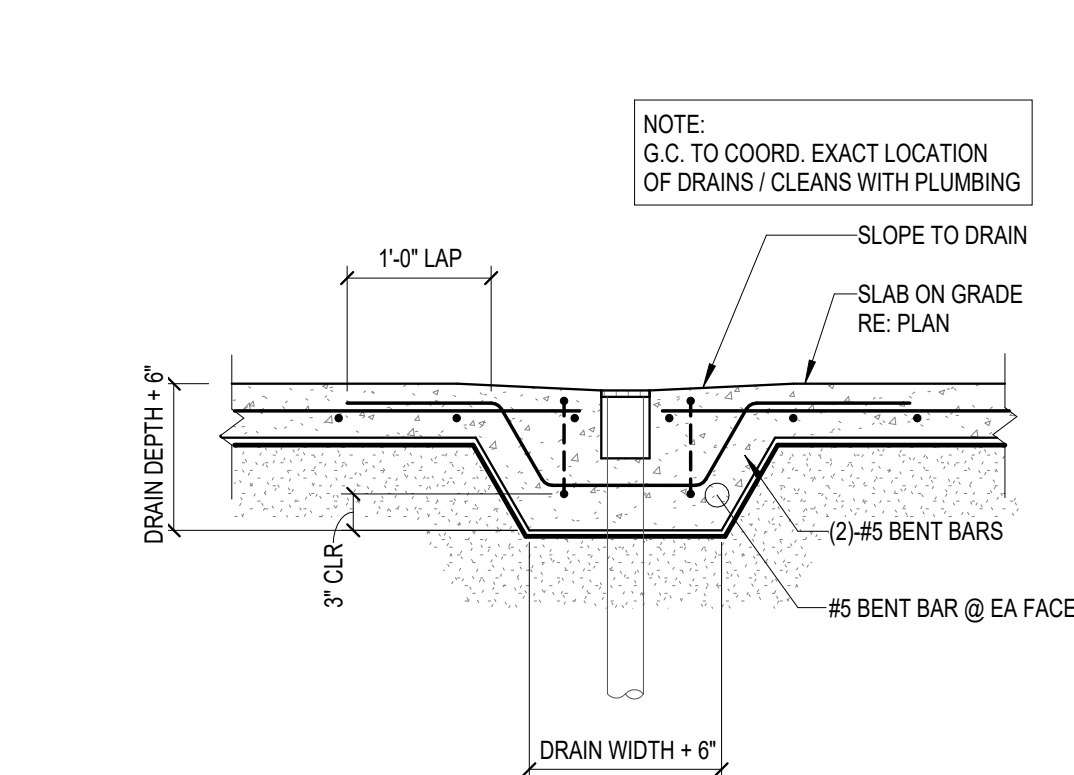
11 SLAB REINF. AT OPENING 5'-0" OR LESS
3/4" = 1'-0"



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



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



14 TYPICAL SLAB THICKENING AT SINK DRAIN
3/4" = 1'-0"

PAD THICKNESS	TOP REINF.	BOT. REINF.
1'-0" <= 4'	5" x 6" W2.9 x W2.9	NONE
4' <= 6'	4" x 4" W4.0 x W4.0	NONE
6' <= 8'	4" x 4" W5.5 x W5.5	NONE
8' <= 12'	#4 @ 12"EW	#3 @ 18"EW
12' <= 16'	#4 @ 12"EW	#4 @ 12"EW

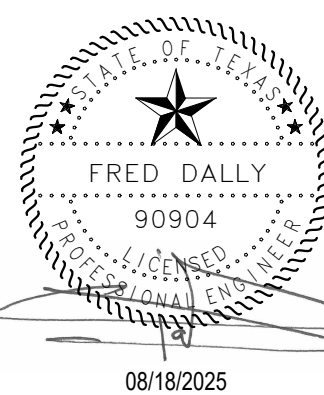
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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

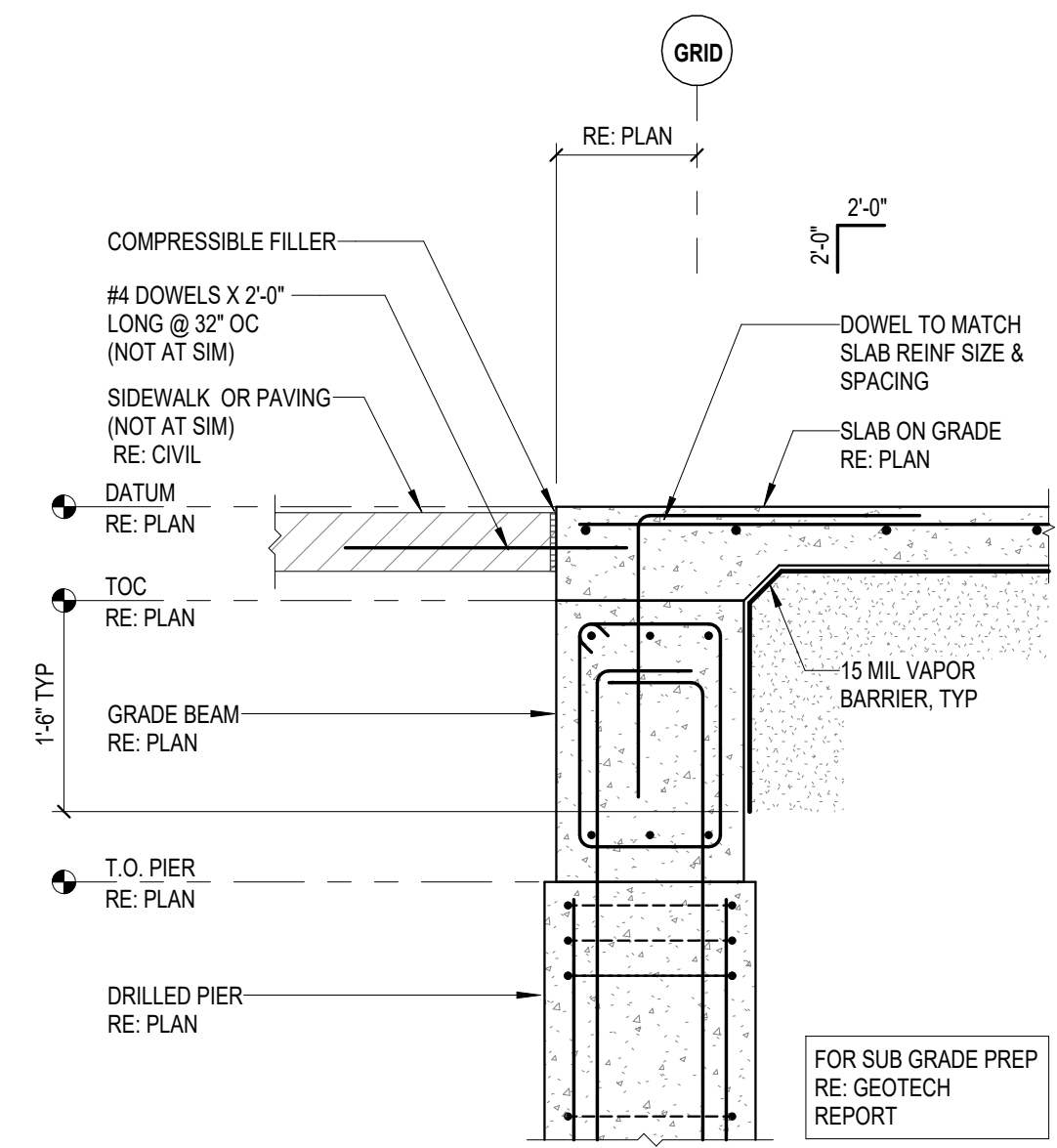
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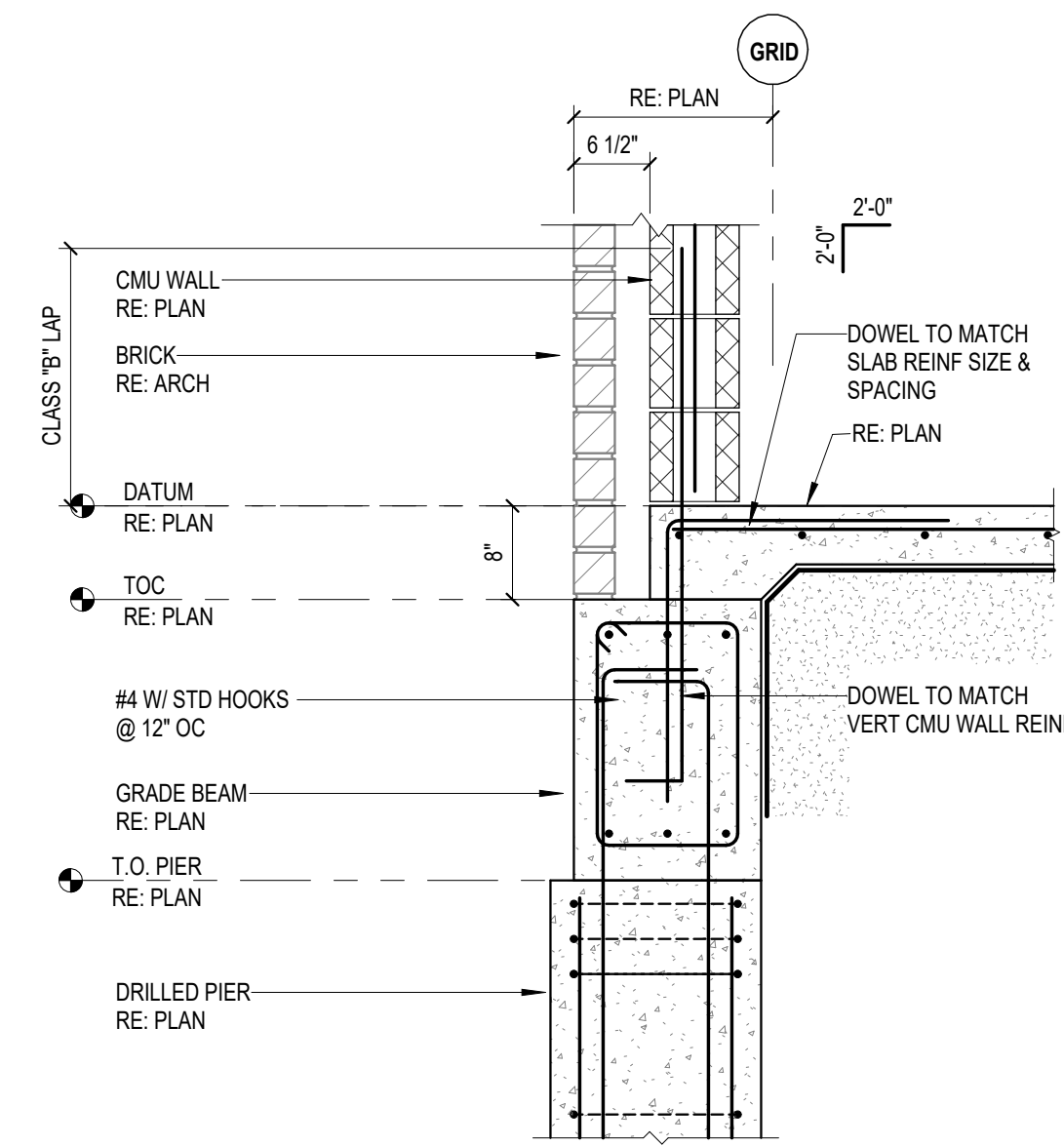
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TYPICAL SLAB ON GRADE DETAILS

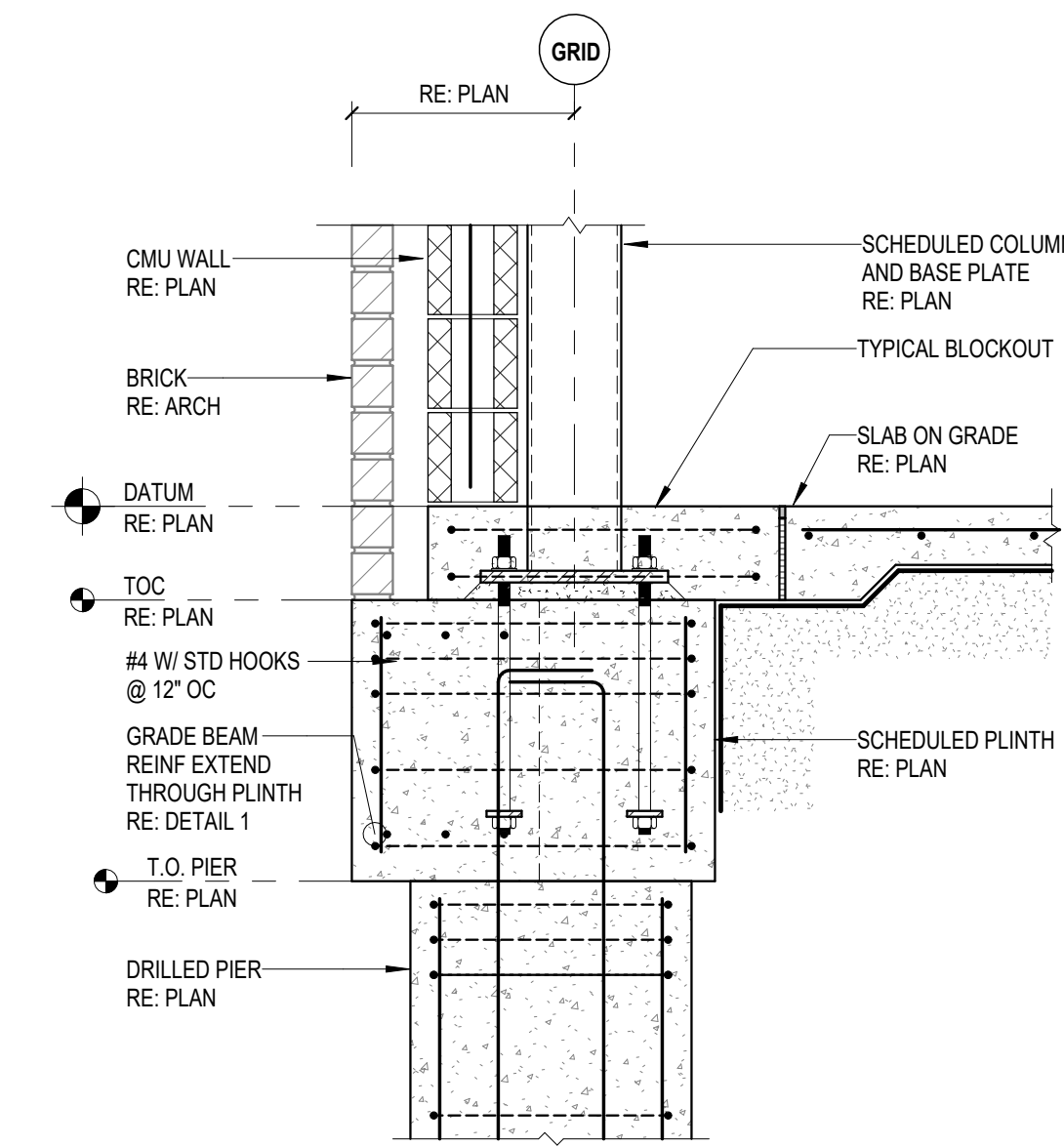
PACKAGE VOLUME
Job No. 01818-07-01
Sheet No. S401
Drawn By: JT
Date: 08/18/2025



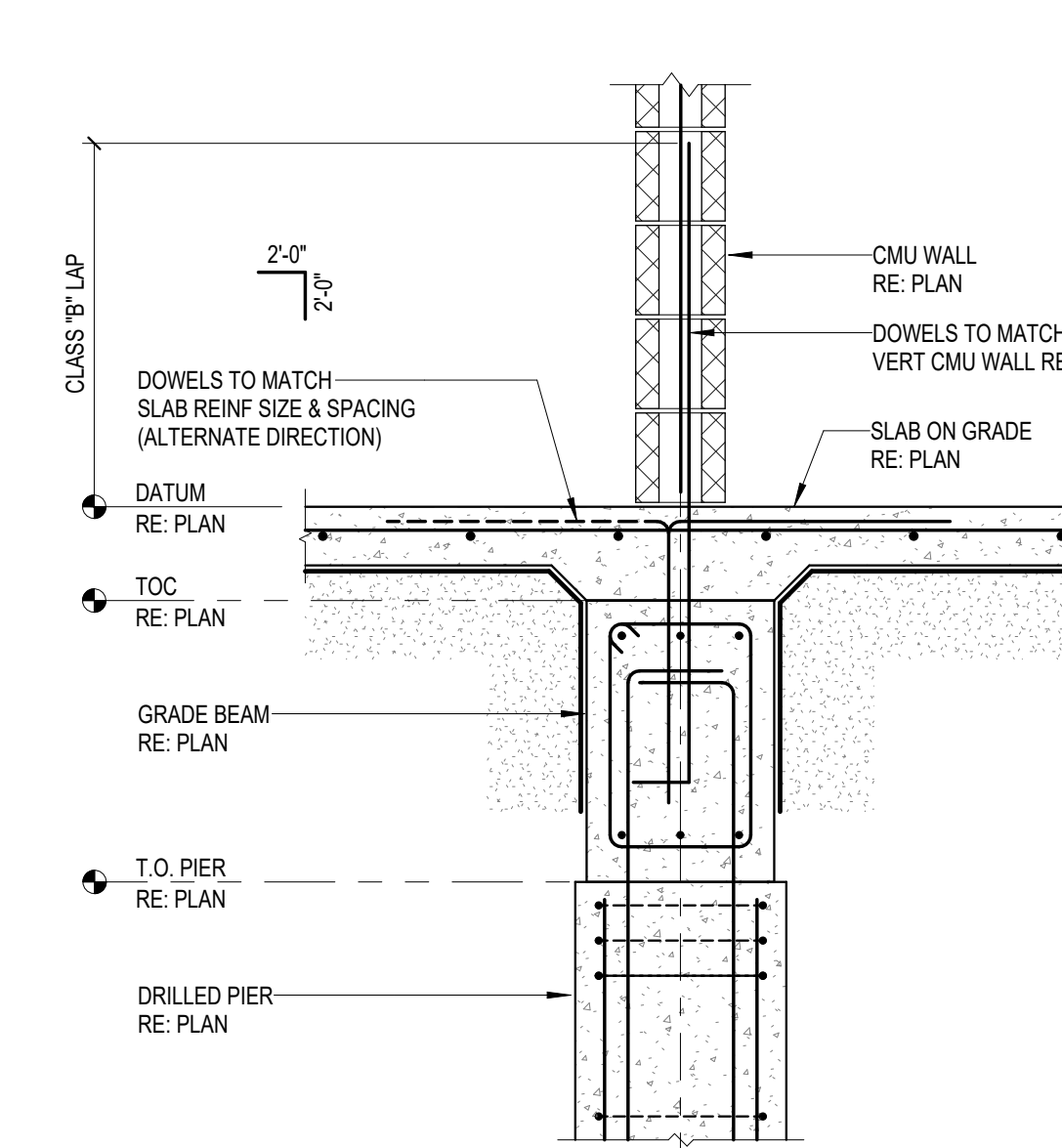
1 SECTION
3/4" = 1'-0"



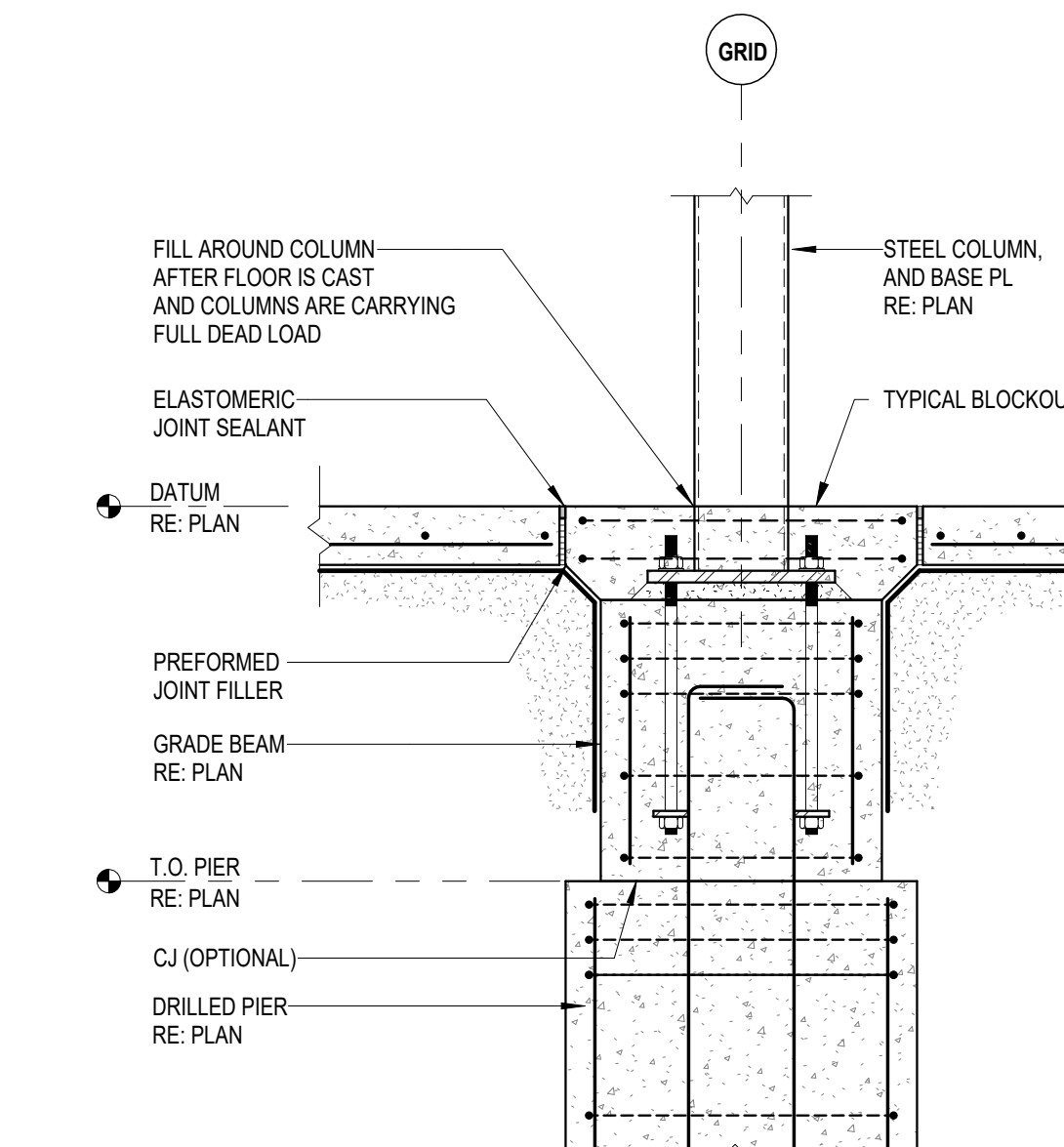
2 SECTION
3/4" = 1'-0"



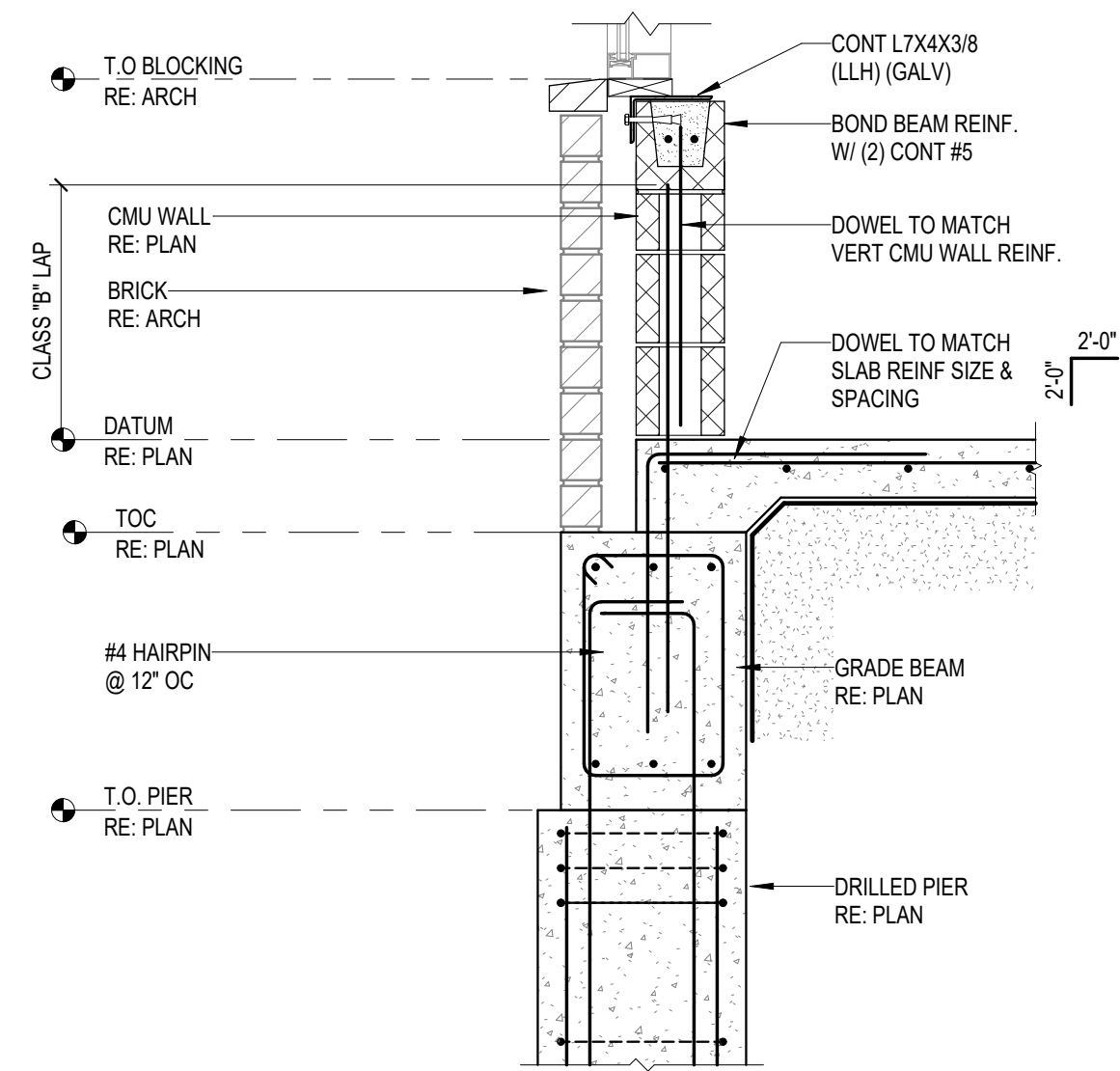
3 SECTION
3/4" = 1'-0"



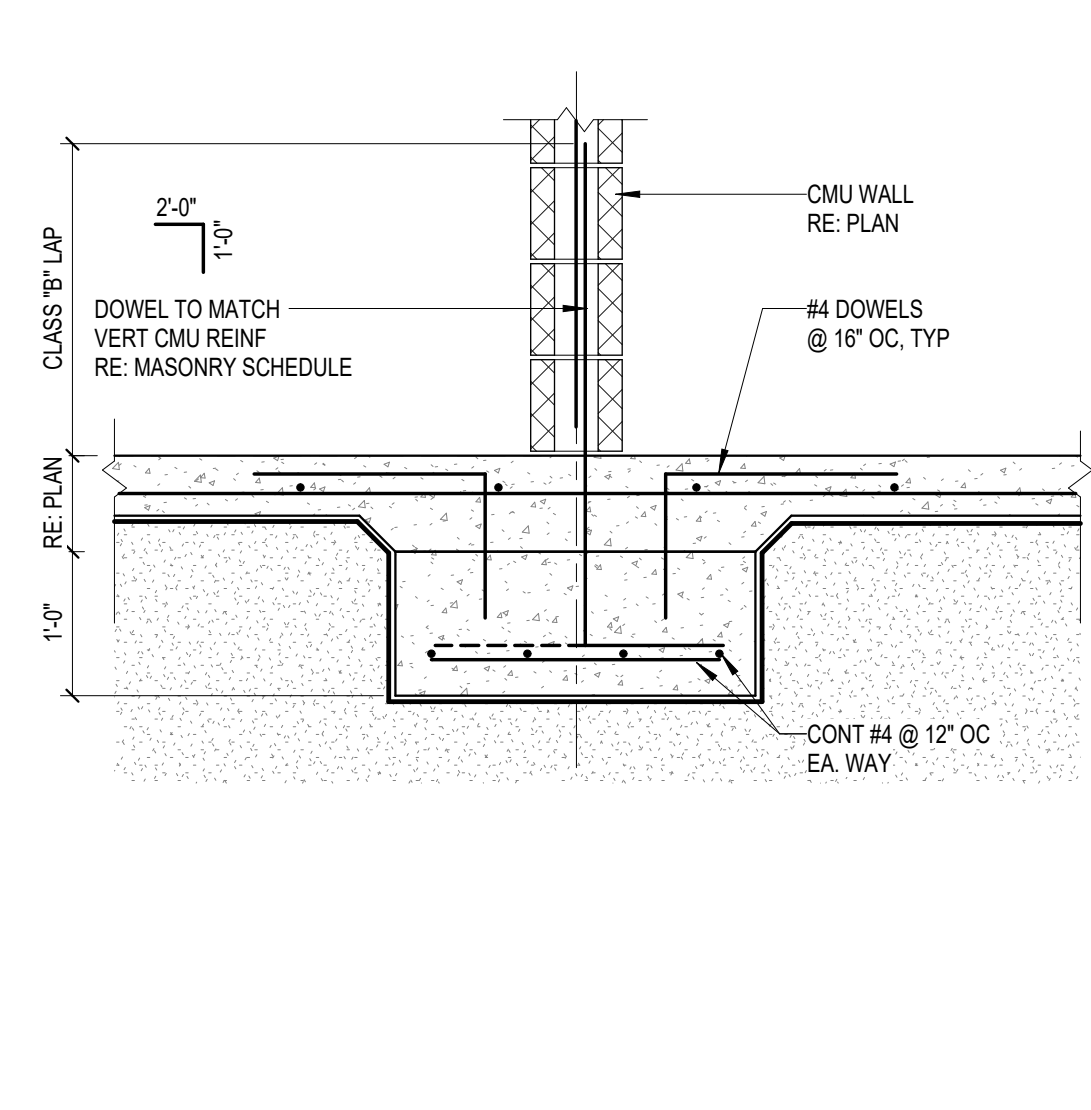
4 SECTION
3/4" = 1'-0"



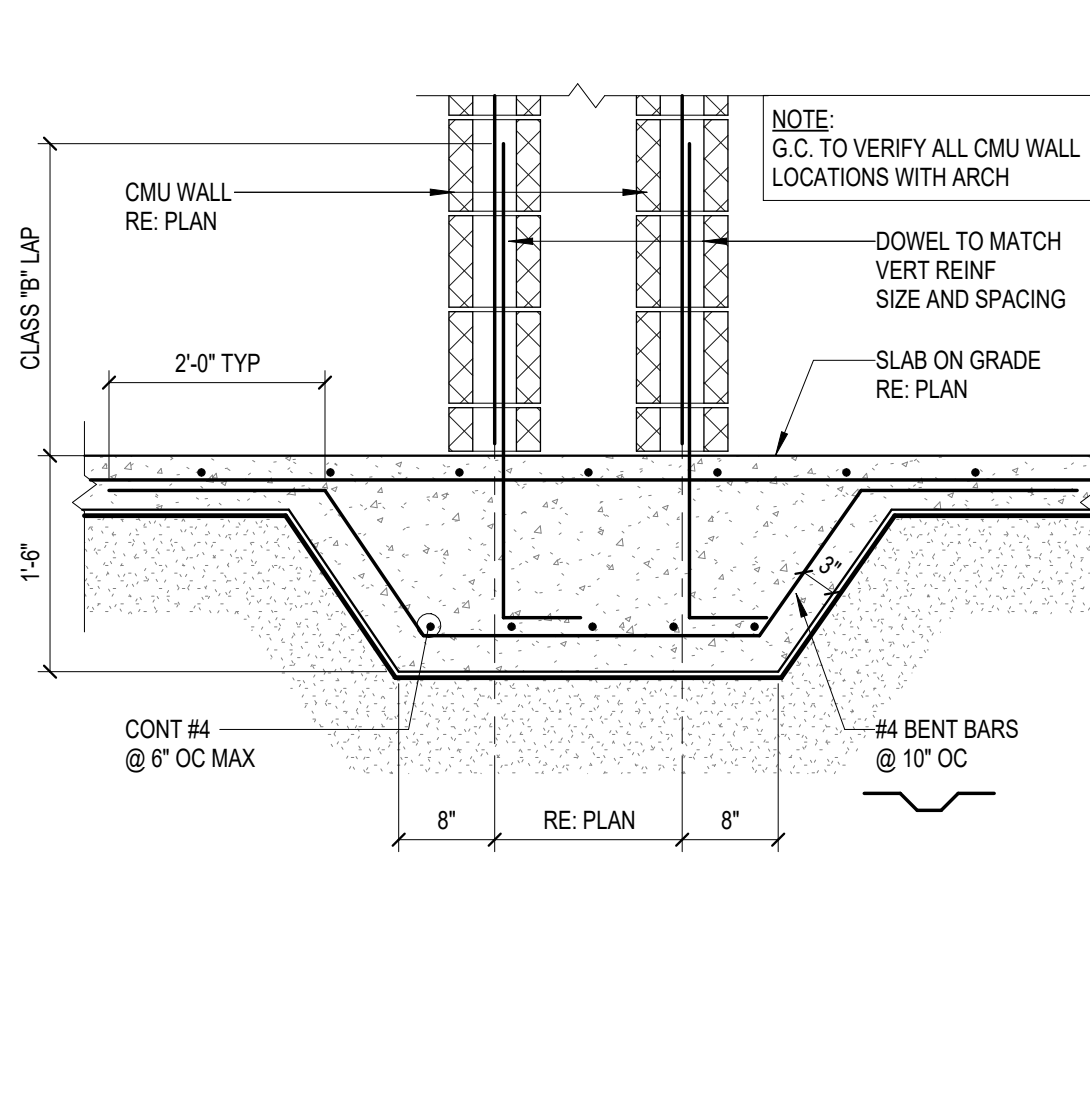
5 SECTION
3/4" = 1'-0"



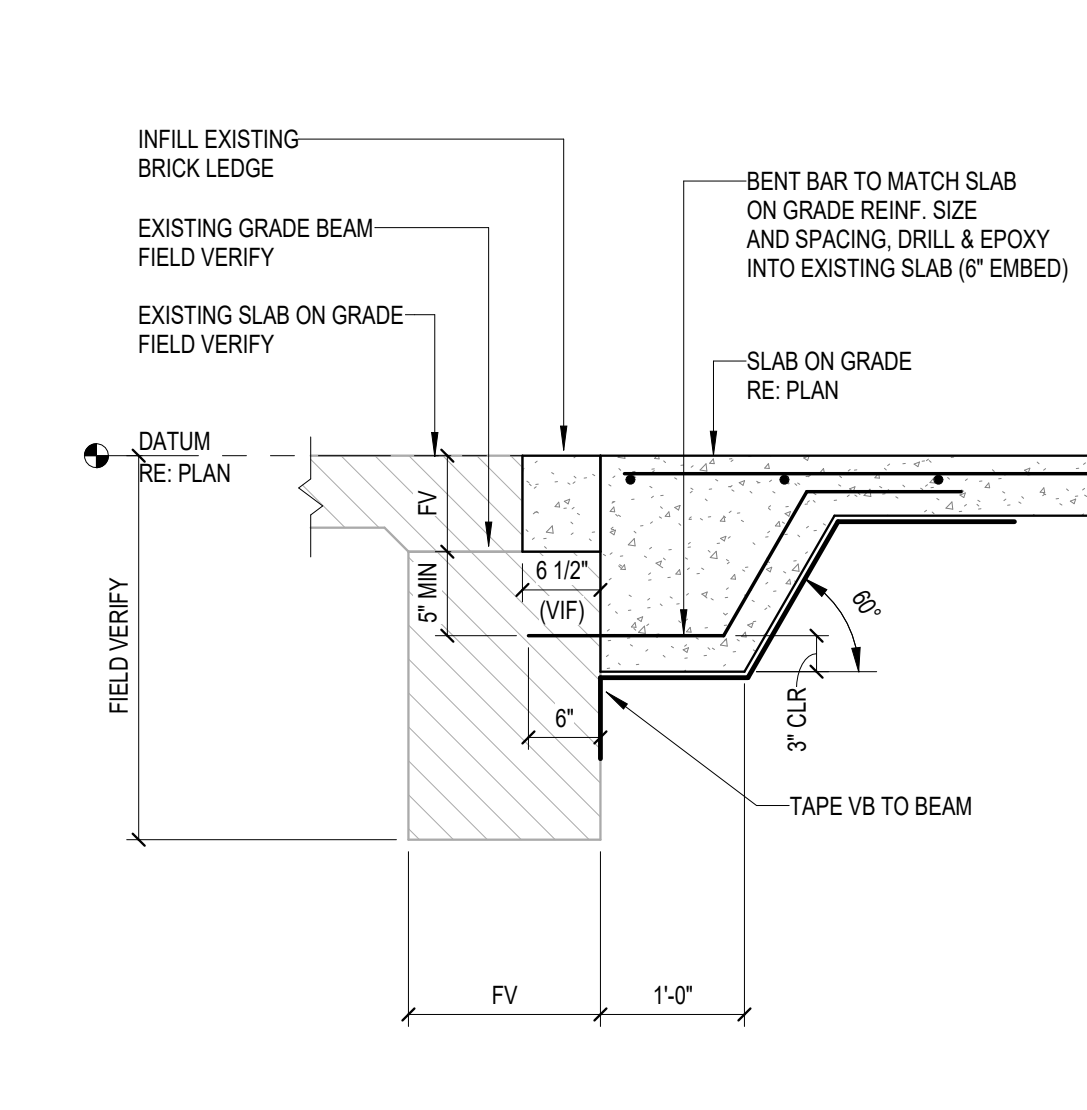
6 SECTION
3/4" = 1'-0"



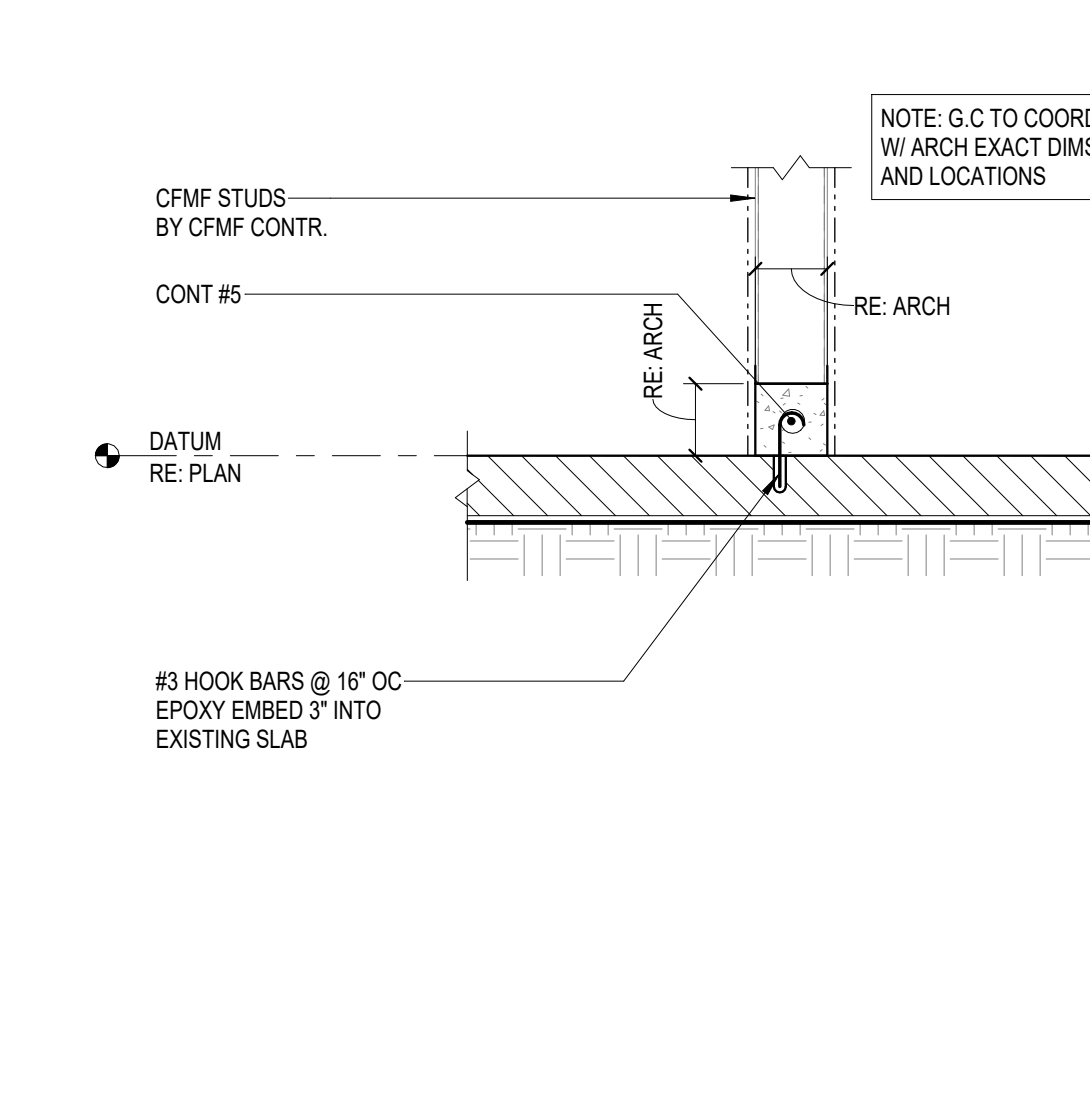
7 TYPICAL SLAB THICKENING AT CMU (20'-0" OR LESS)
3/4" = 1'-0"



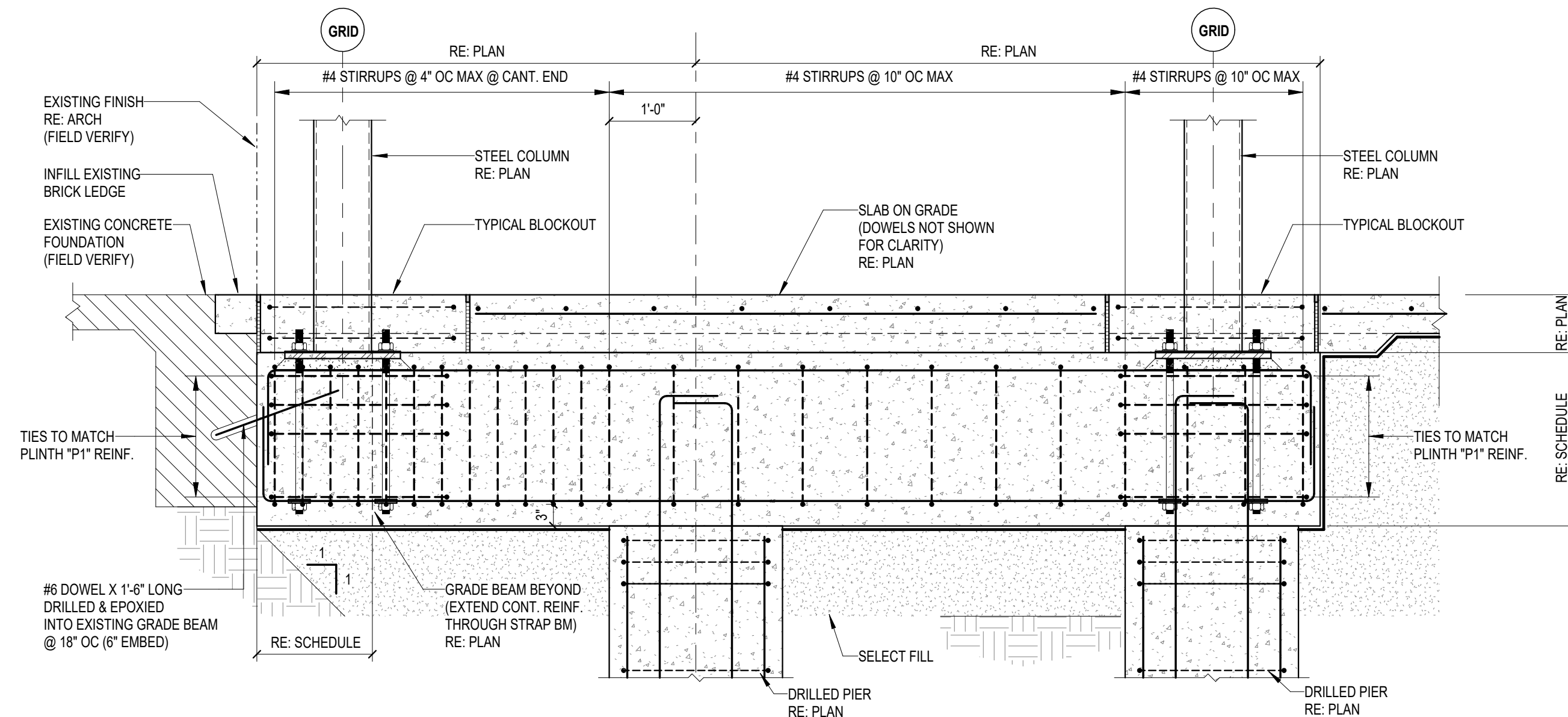
8 TYPICAL SLAB THICKENING AT CMU CHASE
3/4" = 1'-0"



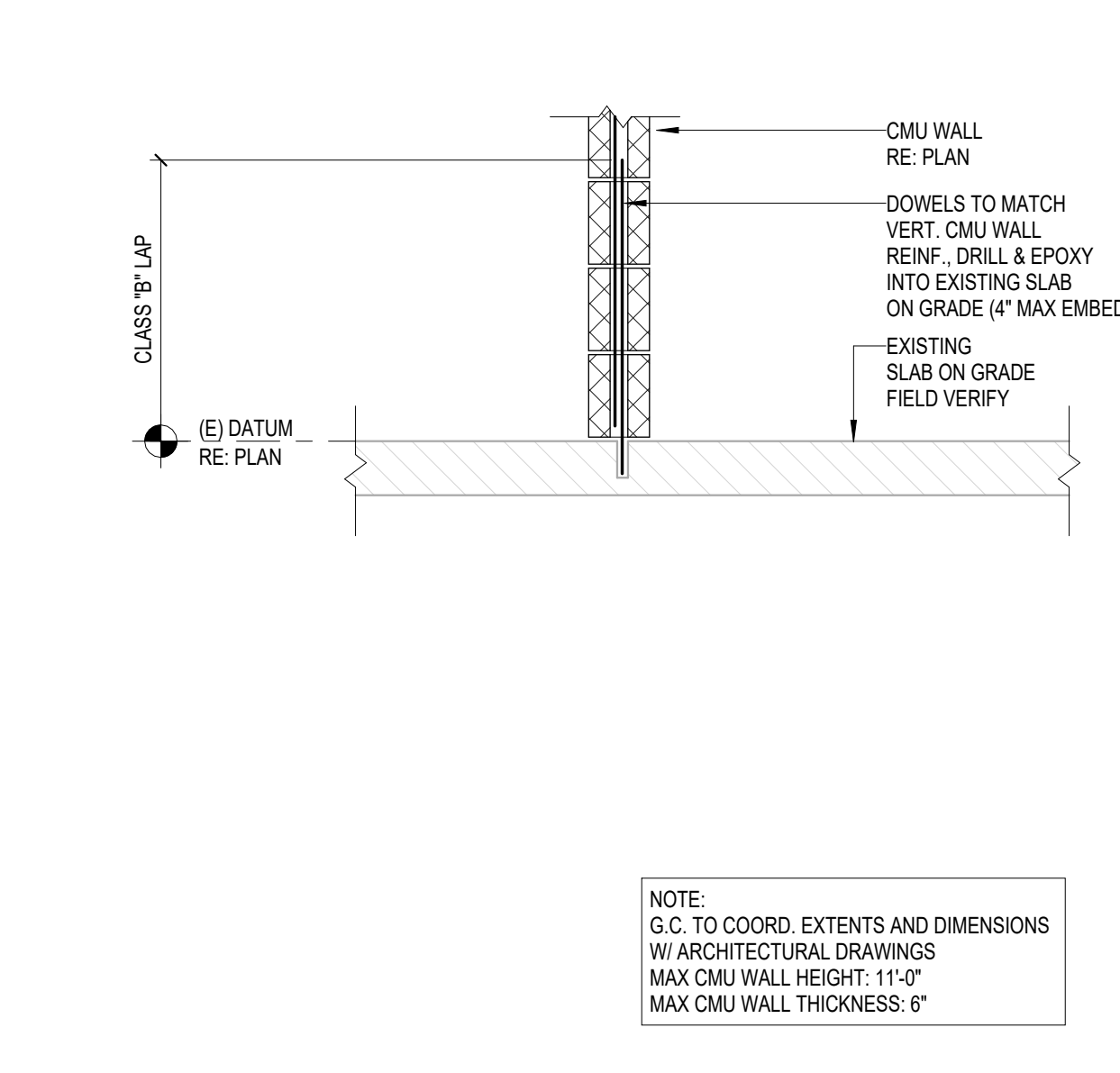
9 FOUNDATION SECTION (EXISTING)
3/4" = 1'-0"



10 EXISTING CURB
3/4" = 1'-0"



11 STRAP BEAM SECTION
3/4" = 1'-0"



12 EXISTING W/ CMU
3/4" = 1'-0"

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Dally
ASSOCIATES
ARCHITECTS & ENGINEERS

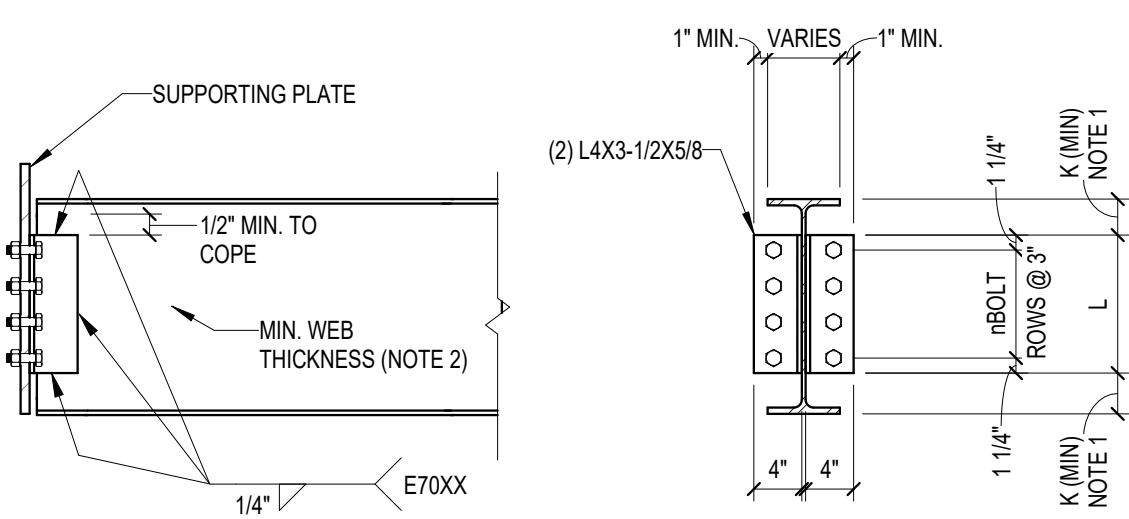
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FOUNDATION DETAILS

PACKAGE	VOLUME
Job No. 01818-07-01	Sheet No.
Drawn By: JT	S403
Date: 08/18/2025	



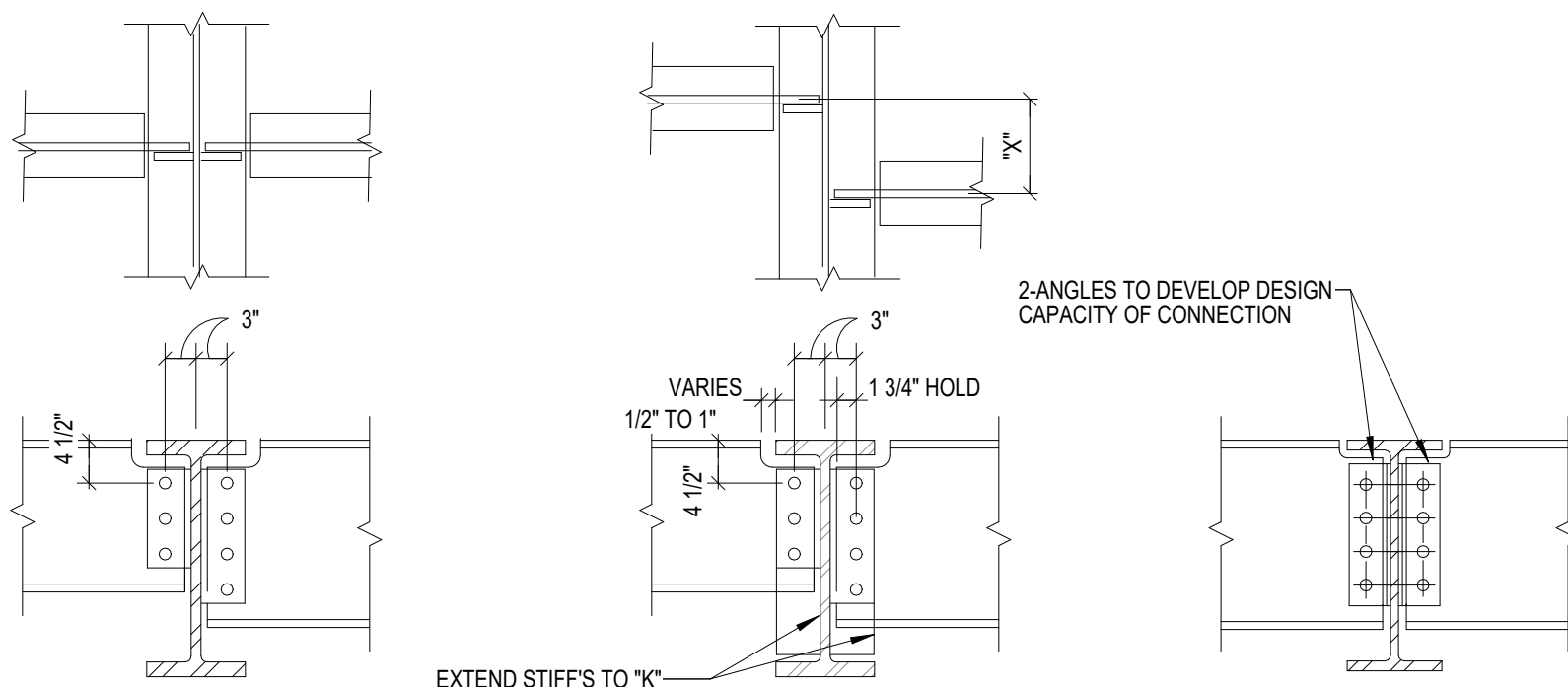
"in"	L (INCHES)	ALLOWABLE BOLT CAPACITY (KIPS)	ALLOWABLE WELD CAPACITY (KIPS)
2	5 1/2"	37	48
3	8 1/2"	56	77
4	11 1/2"	74	100
5	14 1/2"	93	122
6	17 1/2"	111	143
7	20 1/2"	130	160
8	23 1/2"	148	180
9	26 1/2"	167	198
10	29 1/2"	186	215

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



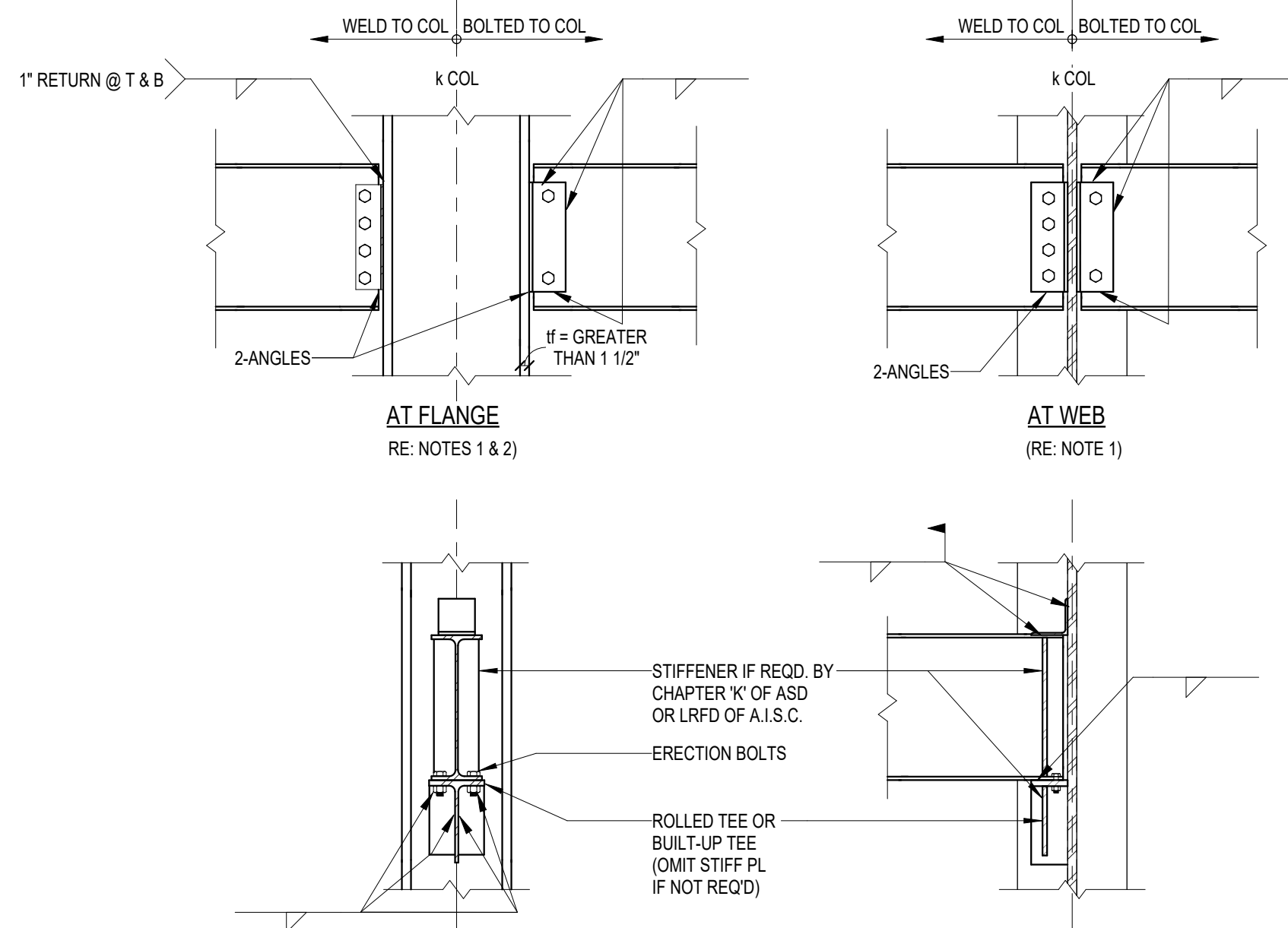
FOR TWO BEAMS
WHEN OPPOSITE

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.

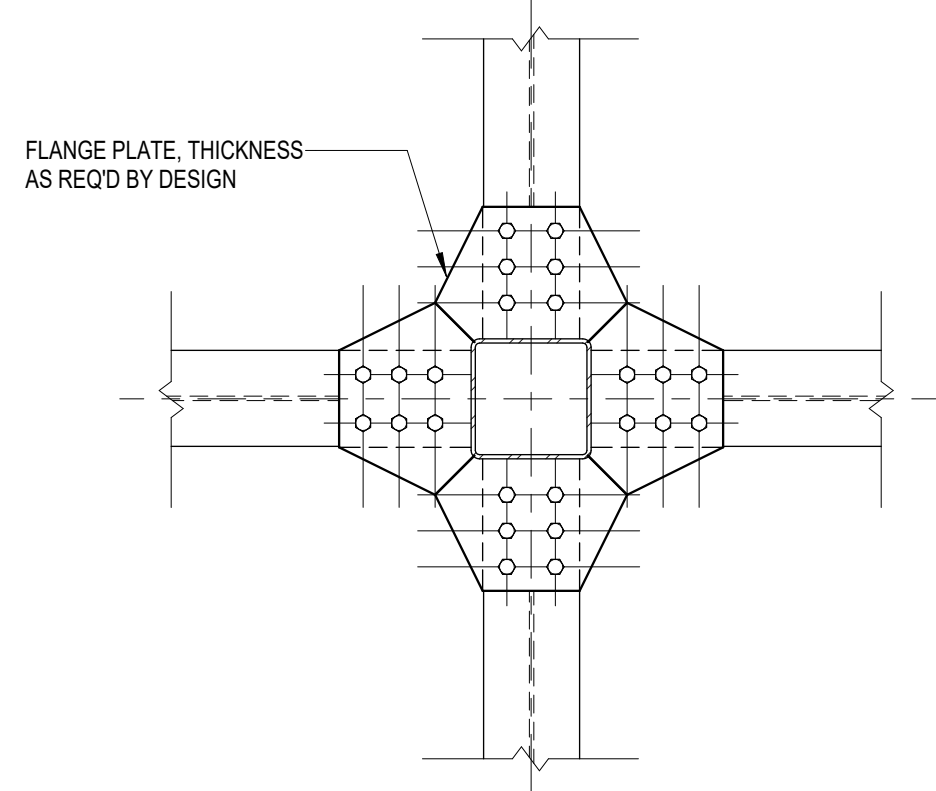


SEATED CONN. @ AT WEB
(RE: NOTE 1)

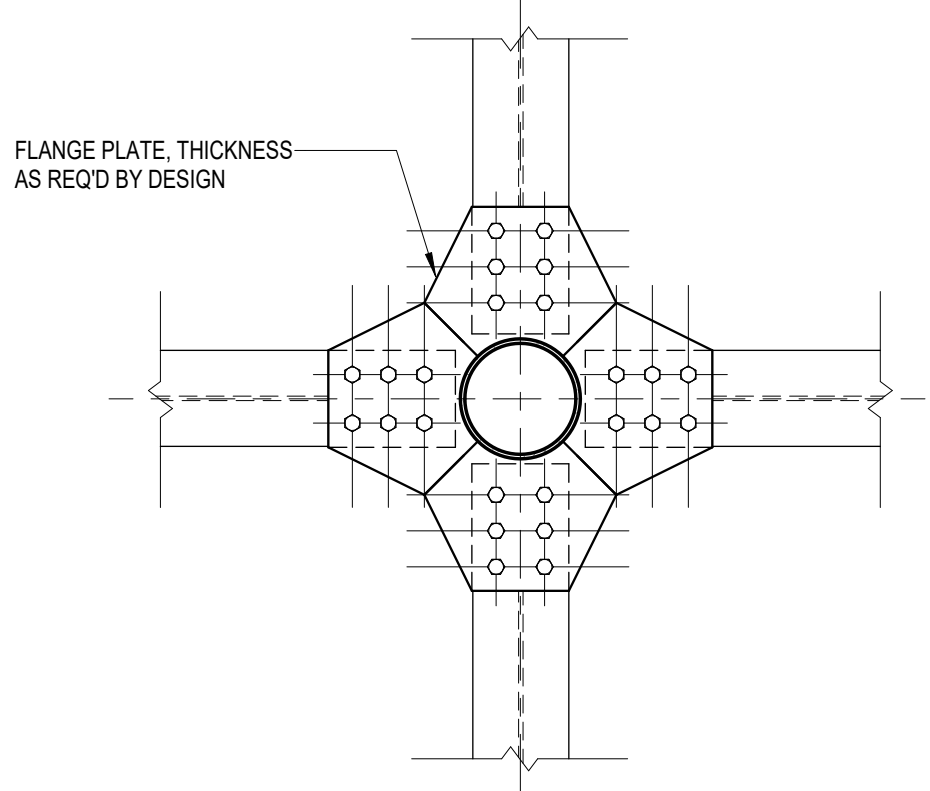
NOTES:

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

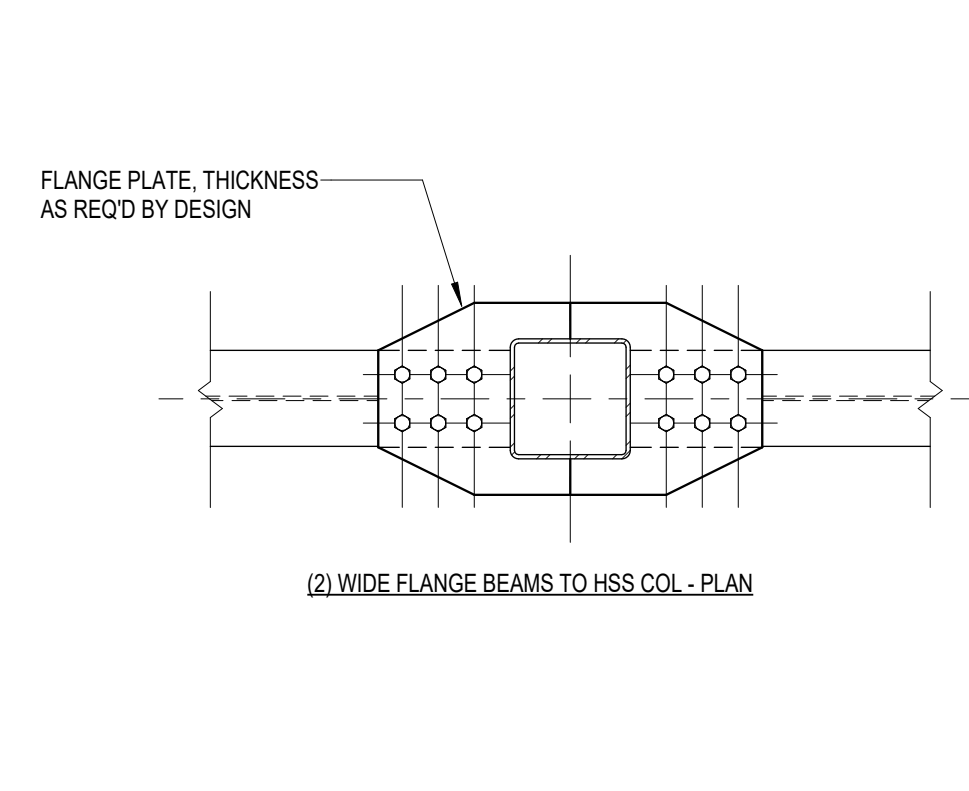
1 STANDARD BEAM CONNECTION
3/4" = 1'-0"



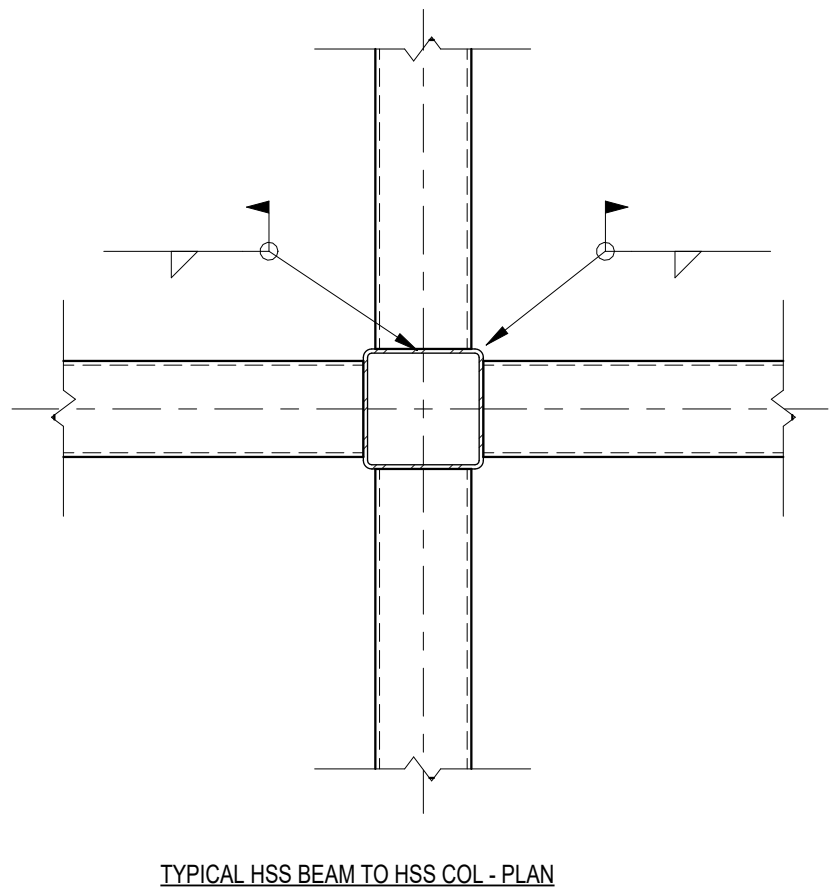
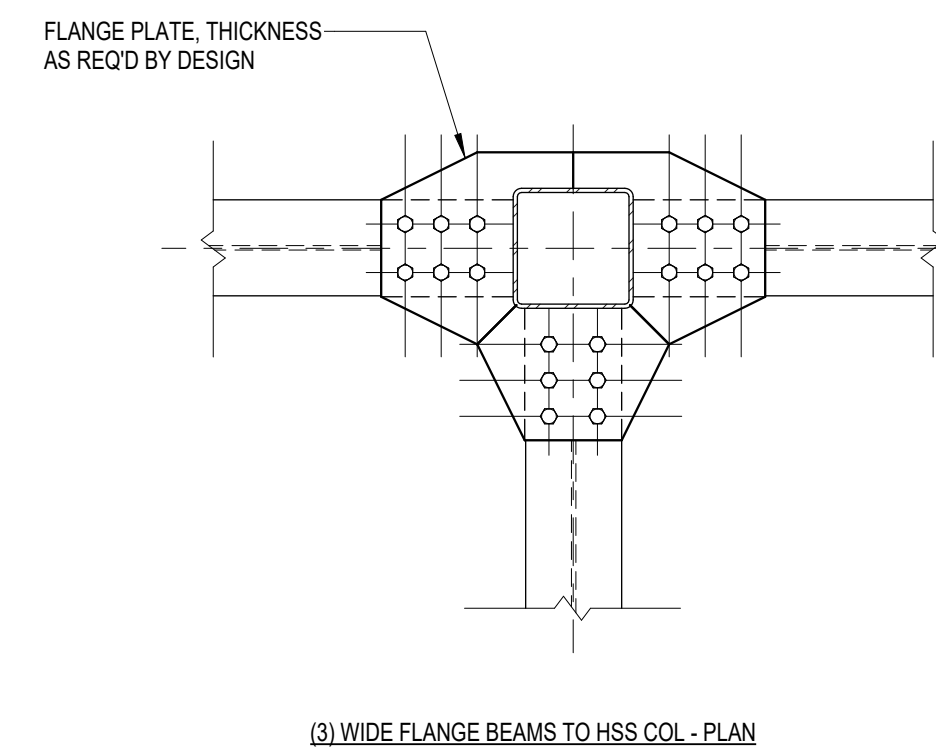
(1) WIDE FLANGE BEAMS TO HSS COL. - PLAN



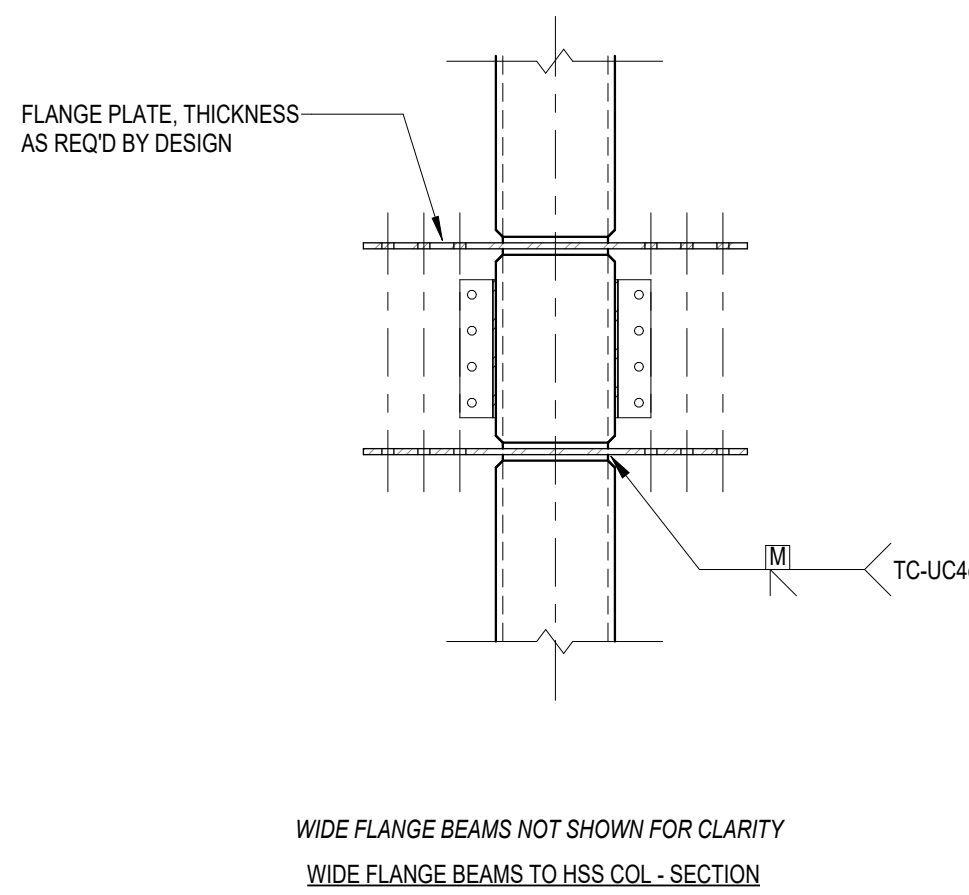
(2) WIDE FLANGE BEAMS TO ROUND HSS COL. - PLAN



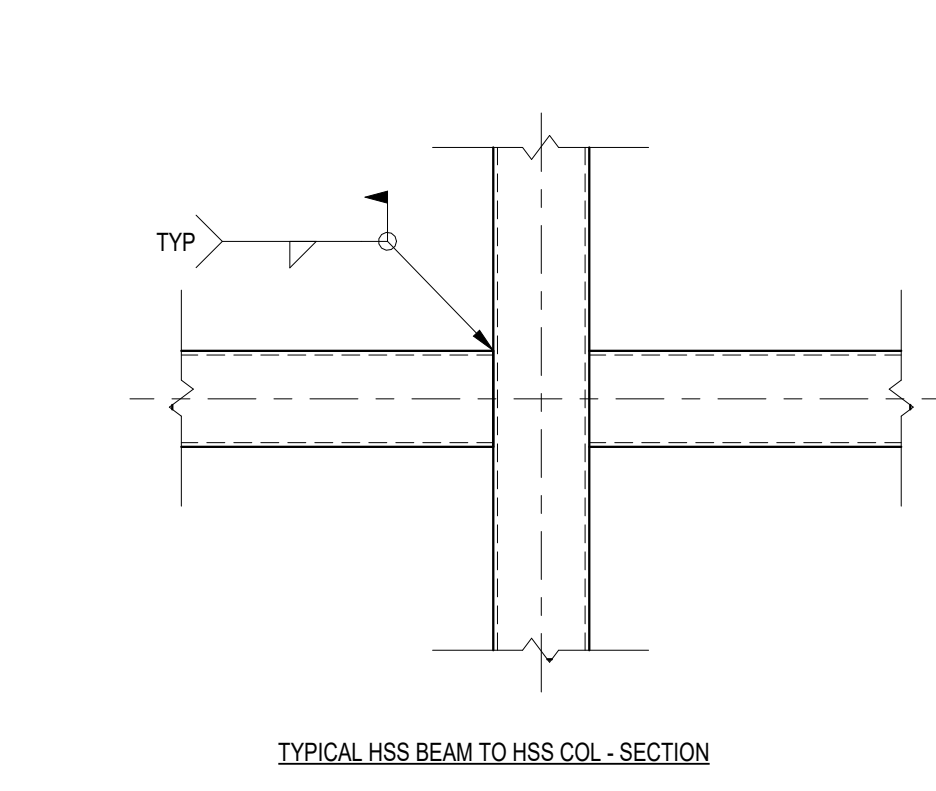
(3) WIDE FLANGE BEAMS TO HSS COL. - PLAN



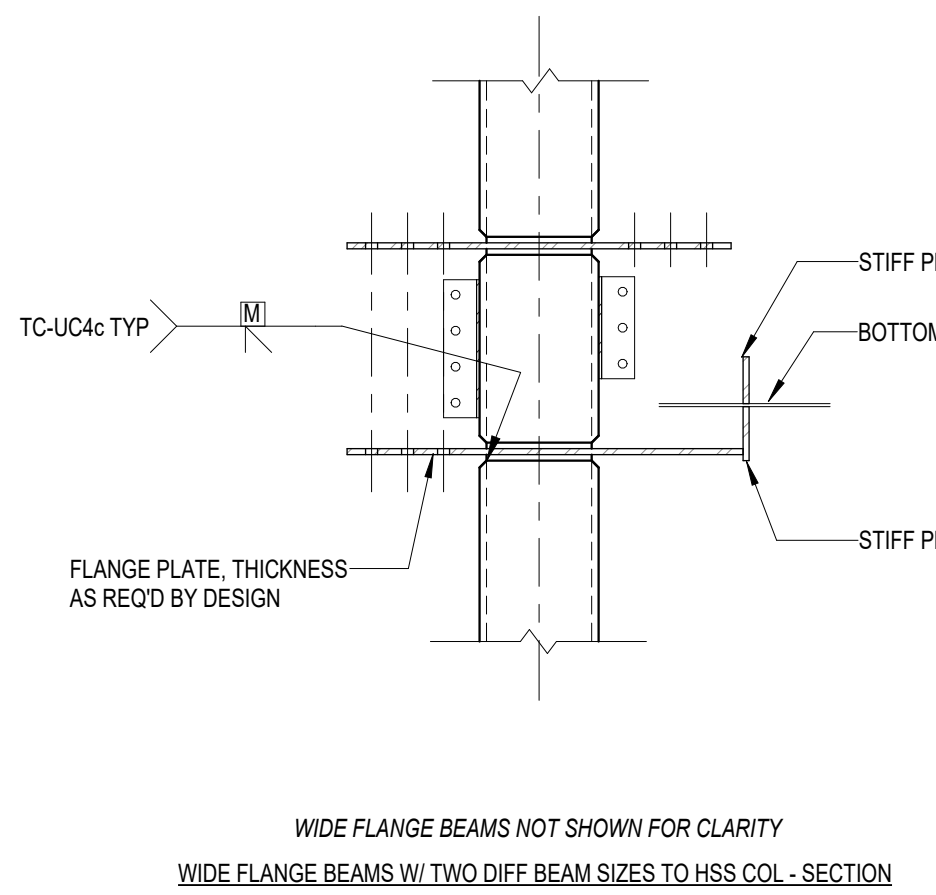
TYPICAL HSS BEAM TO HSS COL. - PLAN



WIDE FLANGE BEAMS NOT SHOWN FOR CLARITY
WIDE FLANGE BEAMS TO HSS COL. - SECTION

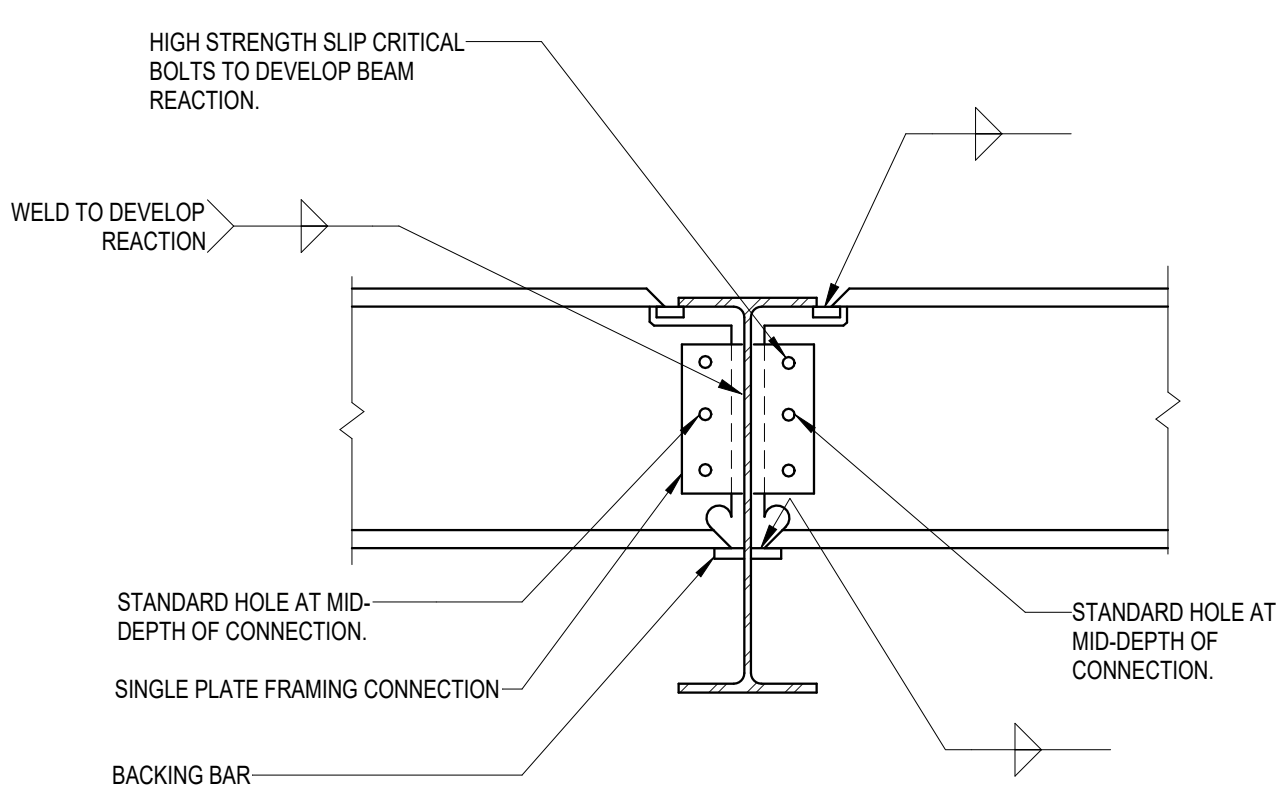


TYPICAL HSS BEAM TO HSS COL. - SECTION



WIDE FLANGE BEAMS NOT SHOWN FOR CLARITY
WIDE FLANGE BEAMS TO HSS COL. - SECTION

3 TYPICAL BEAM TO COLUMN CONN. @ FLANGE & WEB
N.T.S.

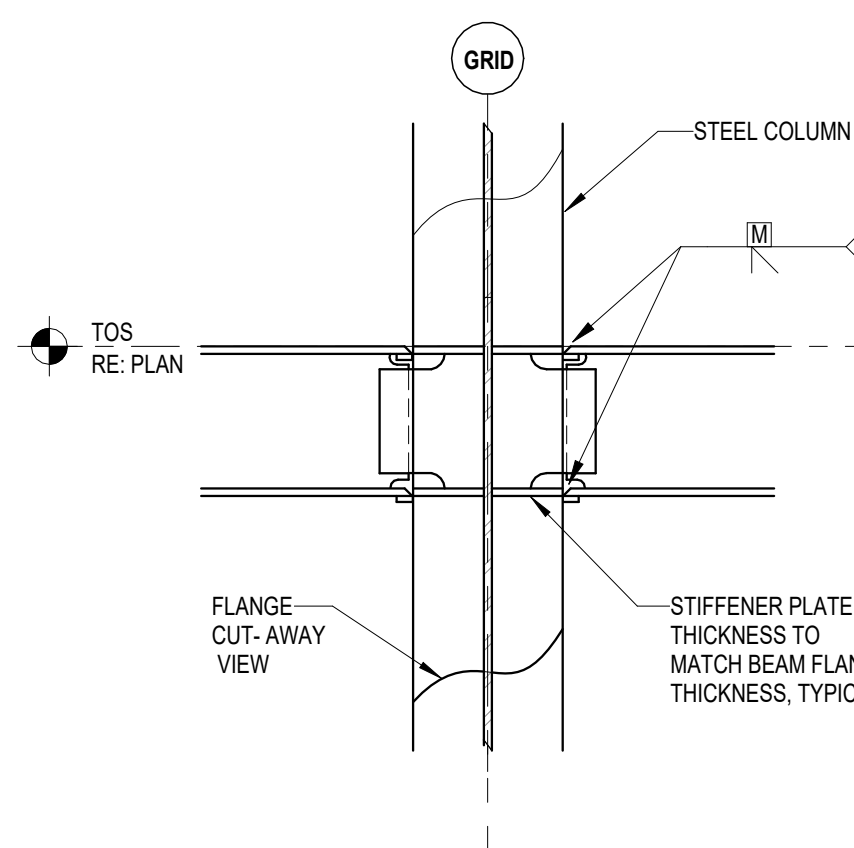


BEAM TO BEAM MOMENT CONNECTION BEAMS OF THE SAME NOMINAL DEPTH - SECTION

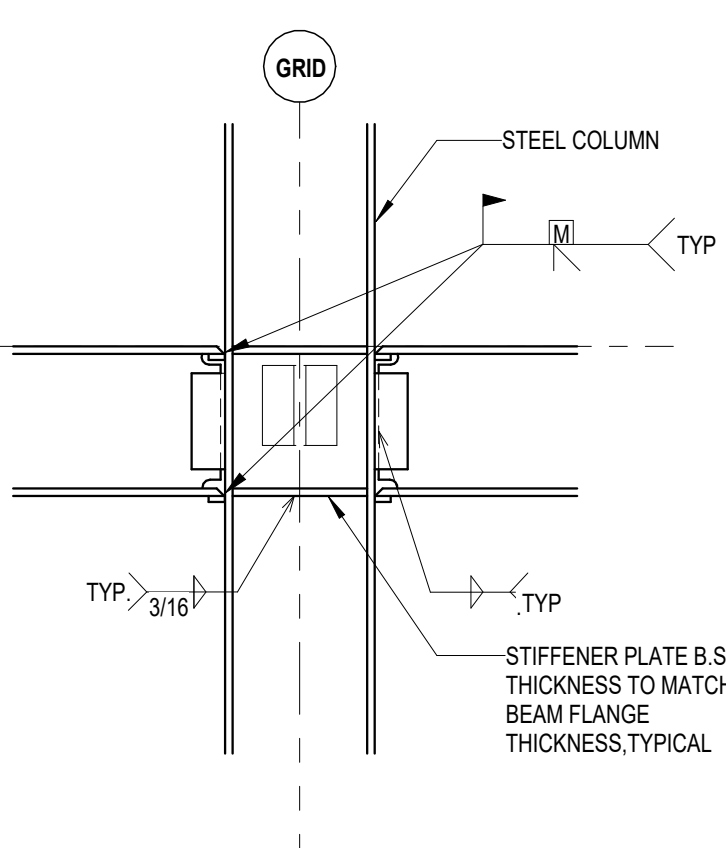
NOTES:

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

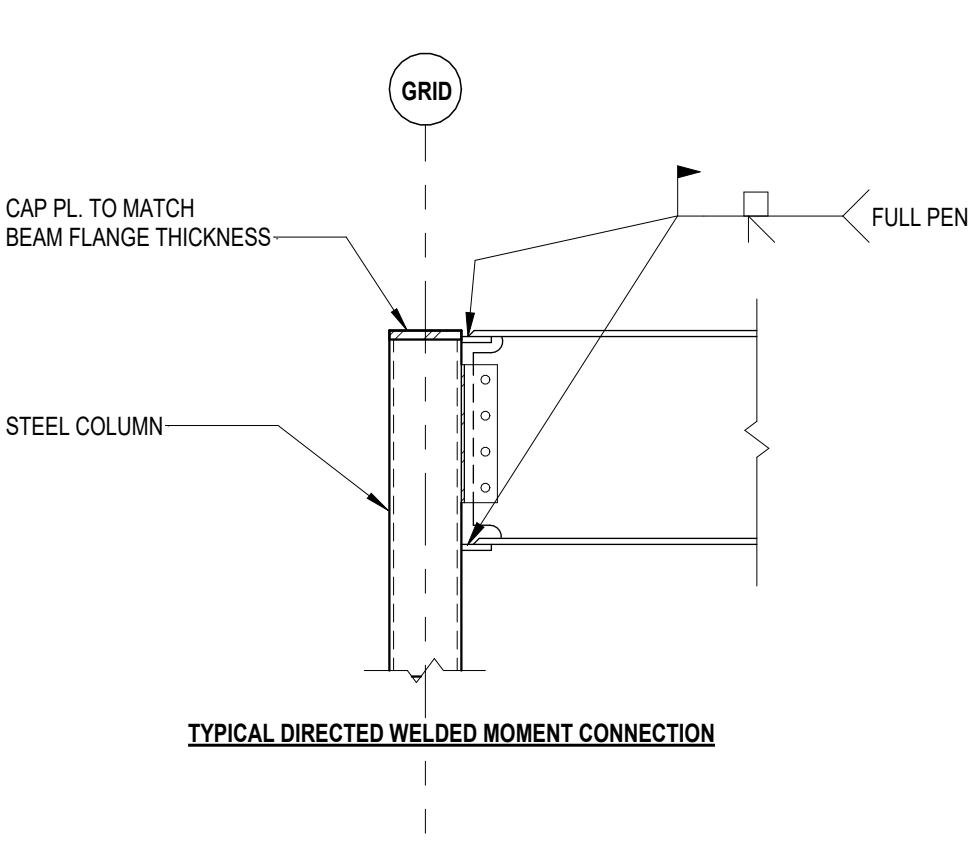
4 MOMENT CONNECTION DETAILS
3/4" = 1'-0"



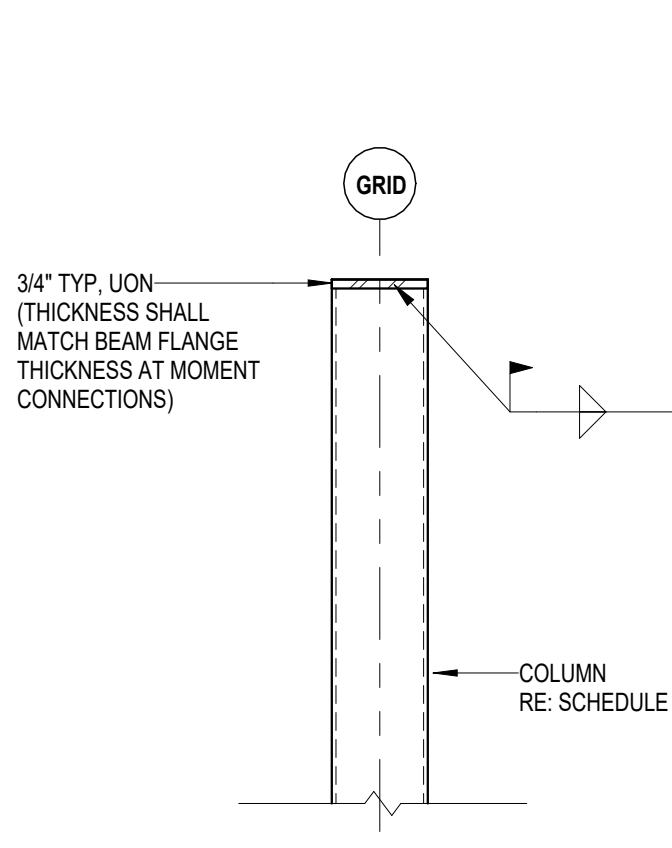
5 TYPICAL MOMENT CONN. AT WIDE FLANGE COLUMNS
1/2" = 1'-0"



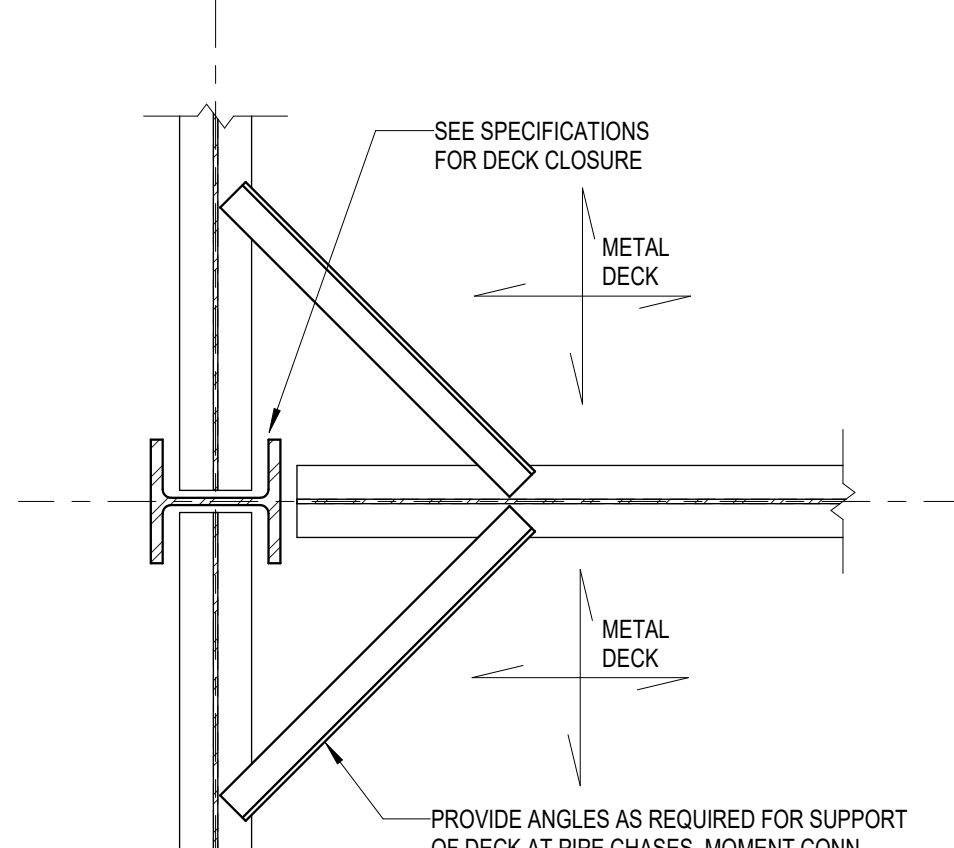
6 TYPICAL DIRECT WILDED MOMENT CONN.
3/4" = 1'-0"

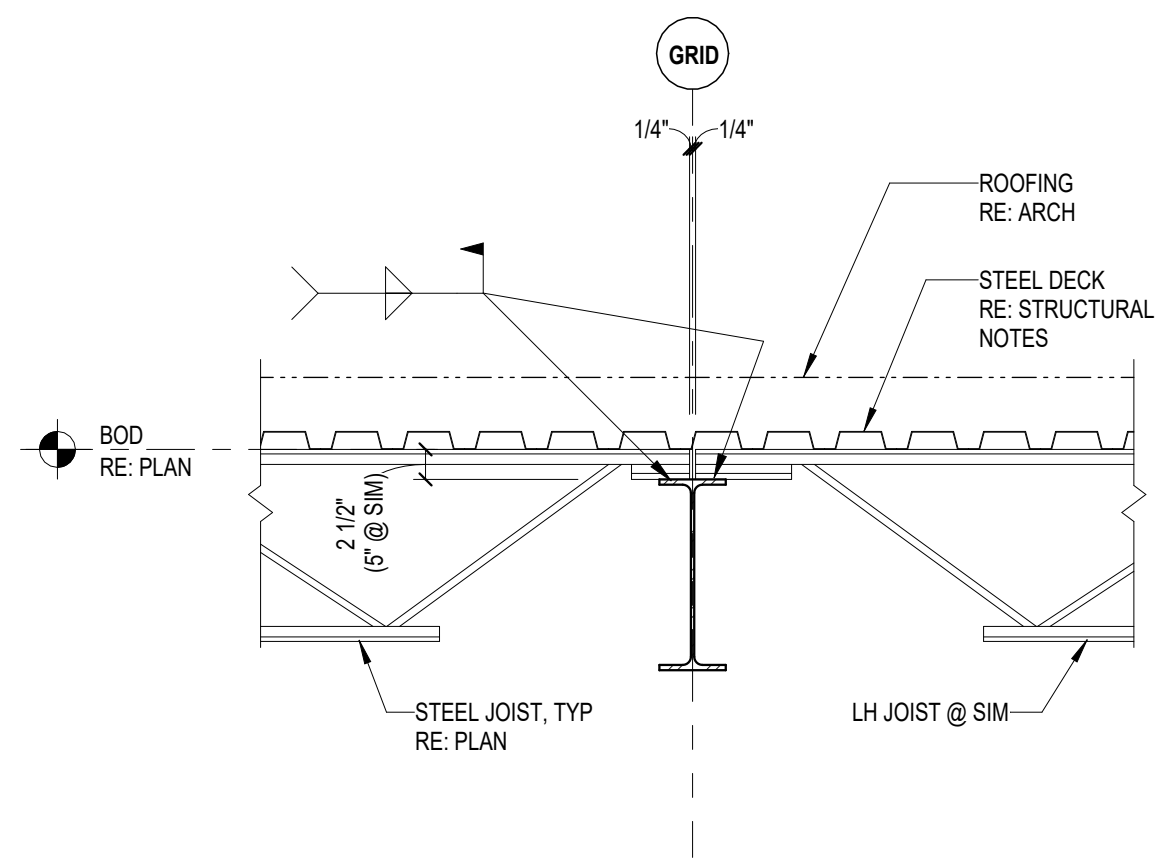


7 TYPICAL COLUMN CAP PLATE
3/4" = 1'-0"

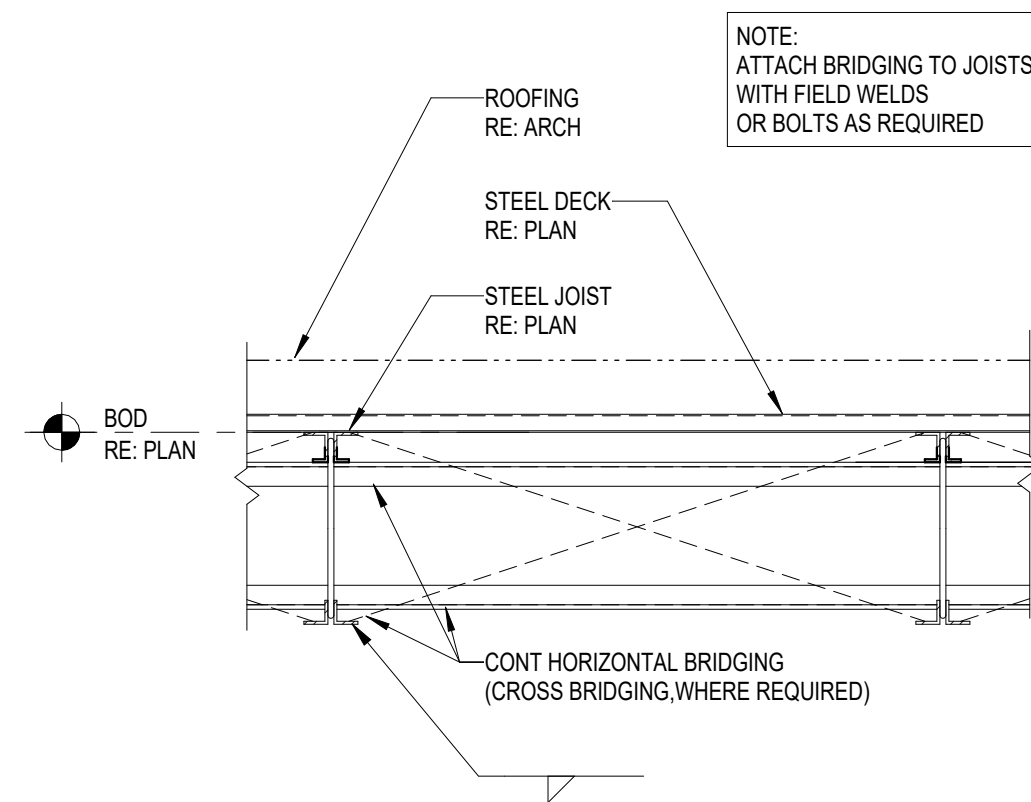


8 METAL DECK SUPPORT AT COLUMN
3/4" = 1'-0"

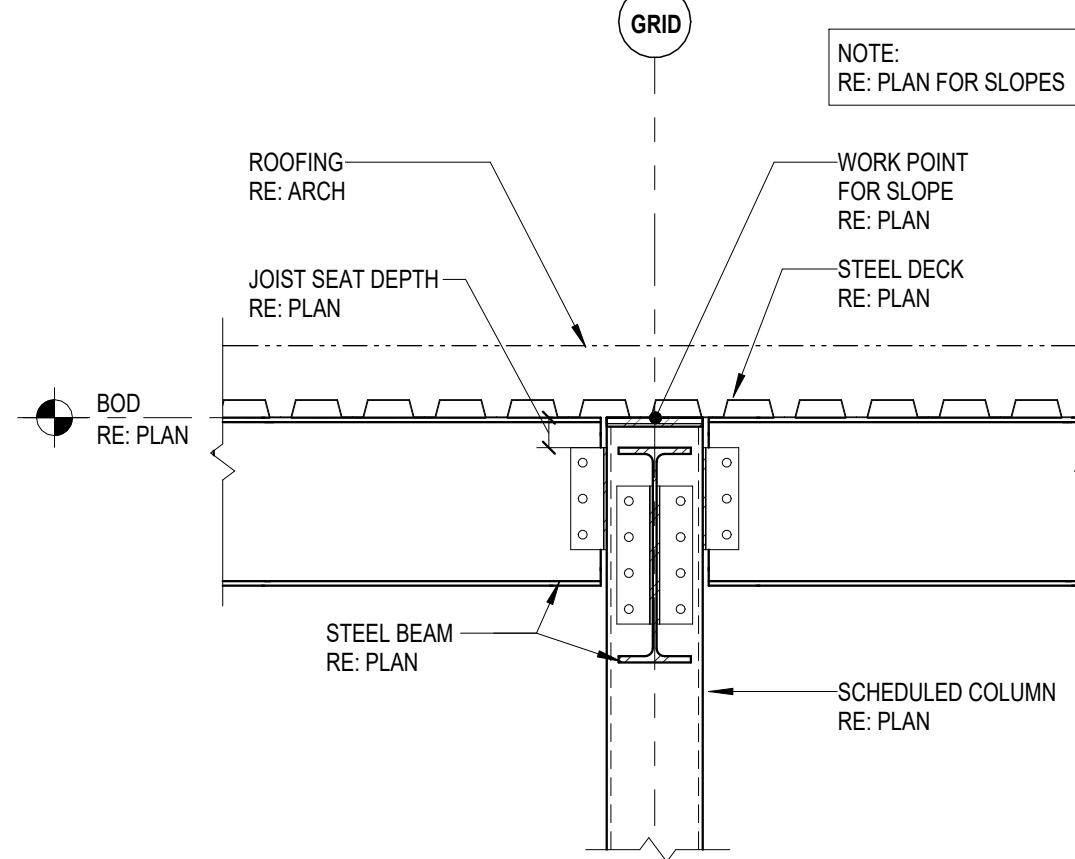




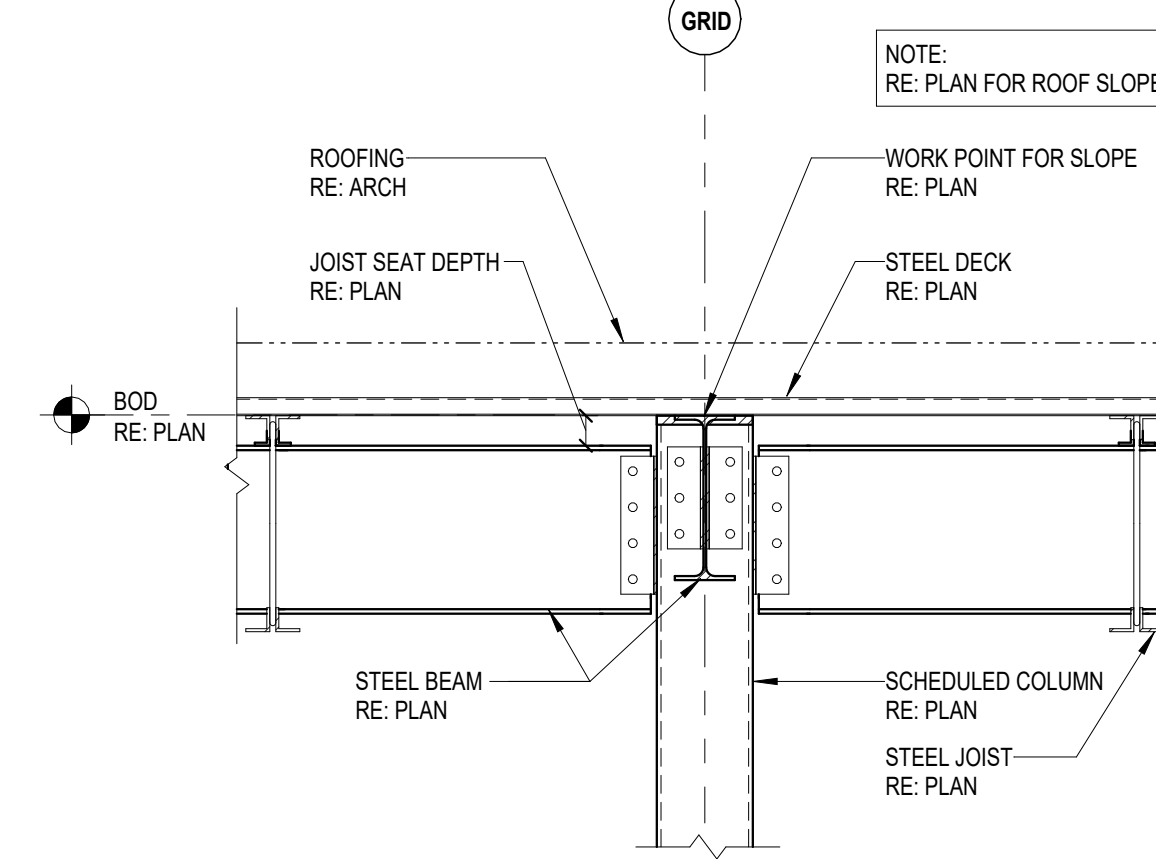
1 TYPICAL ROOF SECTION
3/4" = 1'-0"



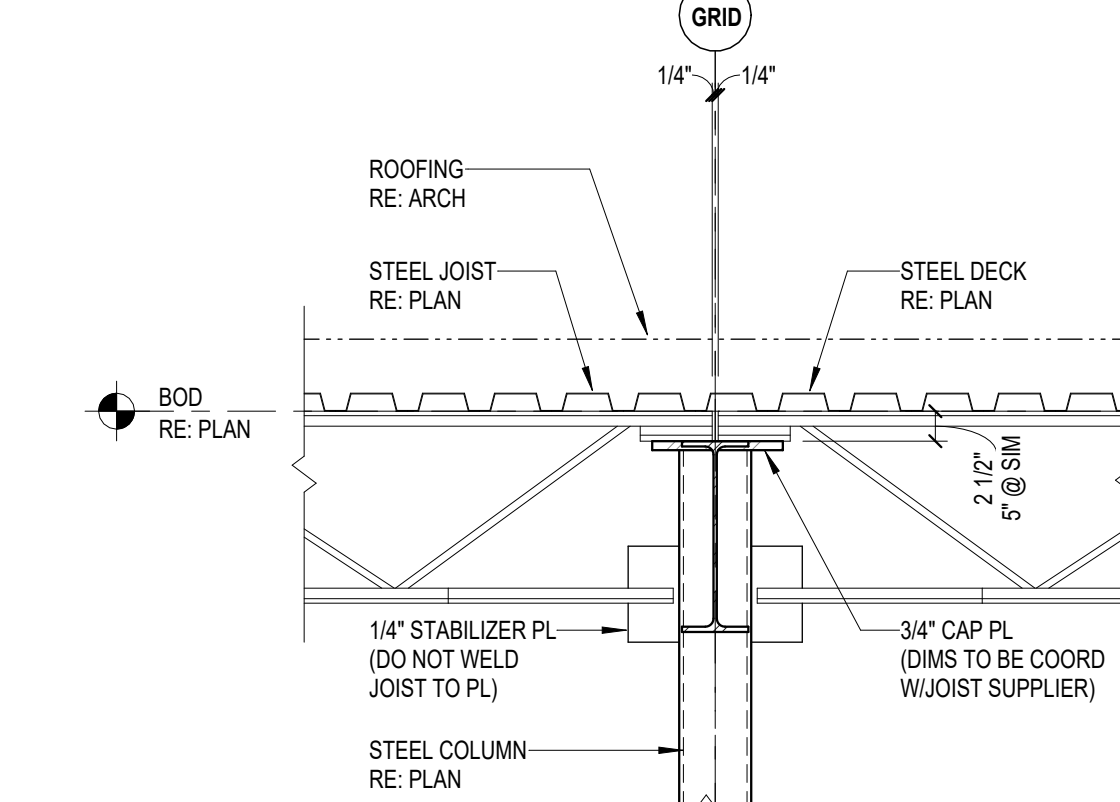
2 TYPICAL ROOF SECTION
3/4" = 1'-0"



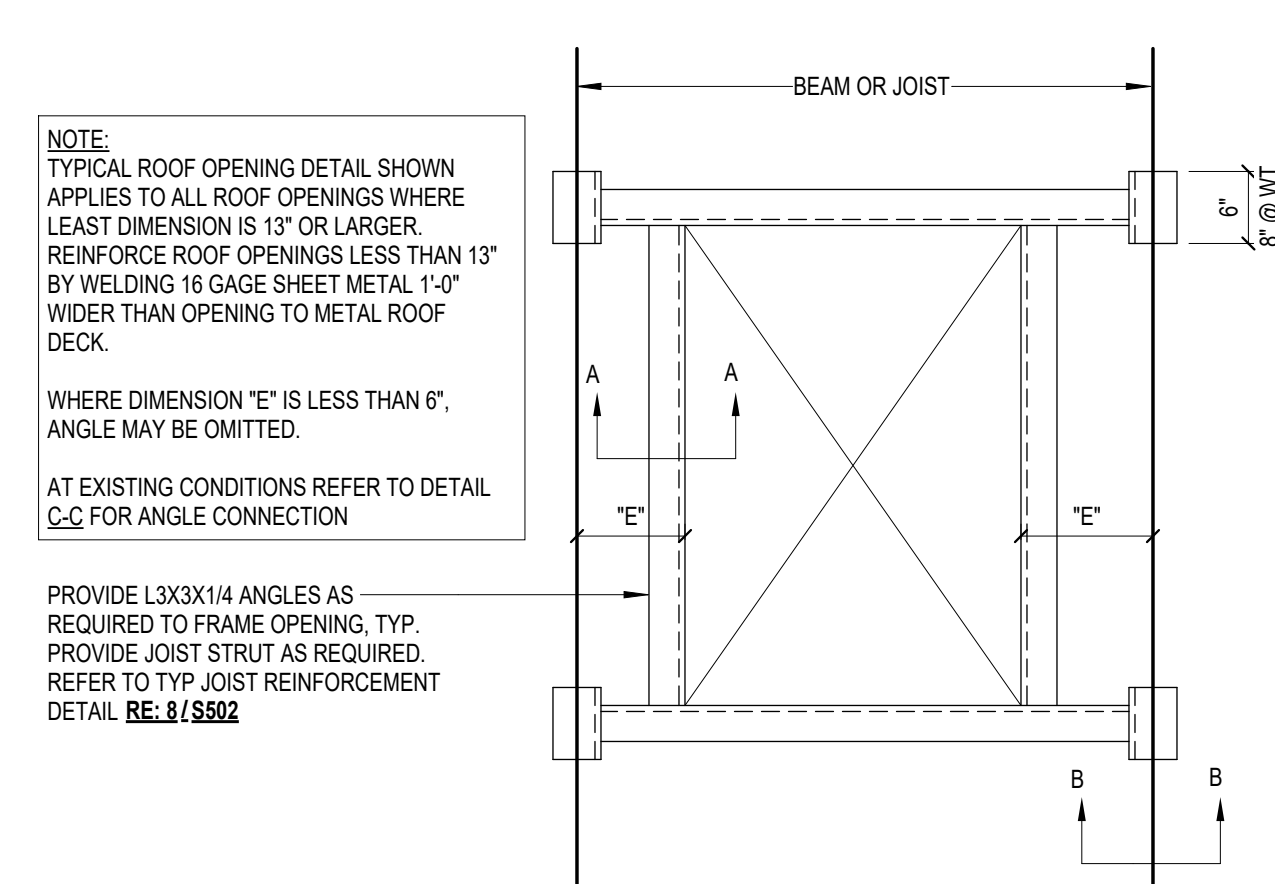
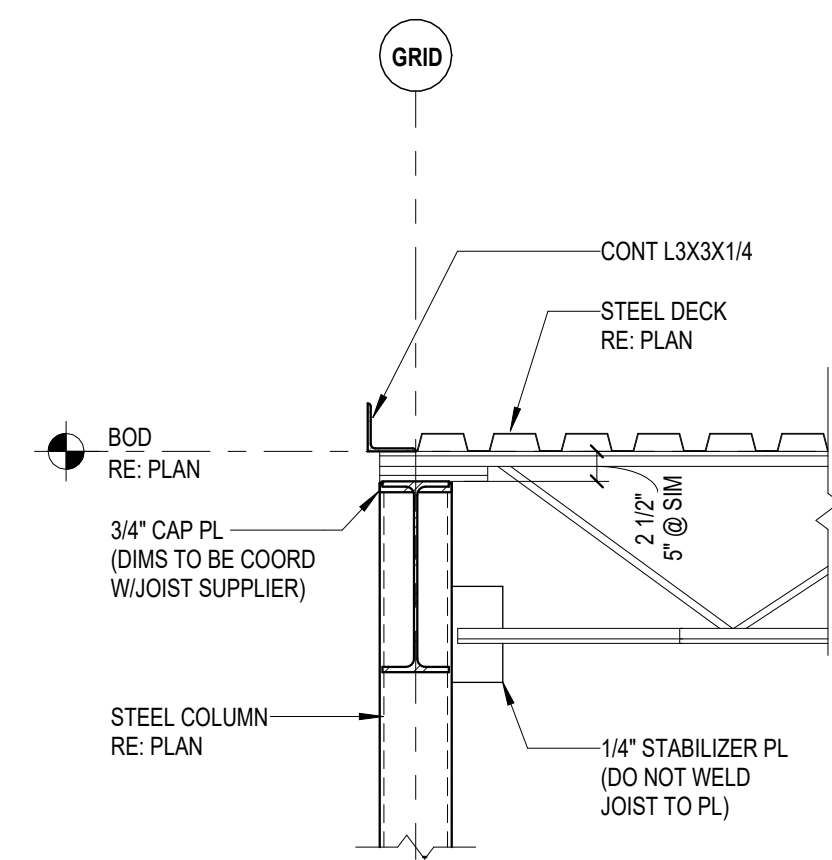
3 TYPICAL ROOF SECTION
3/4" = 1'-0"



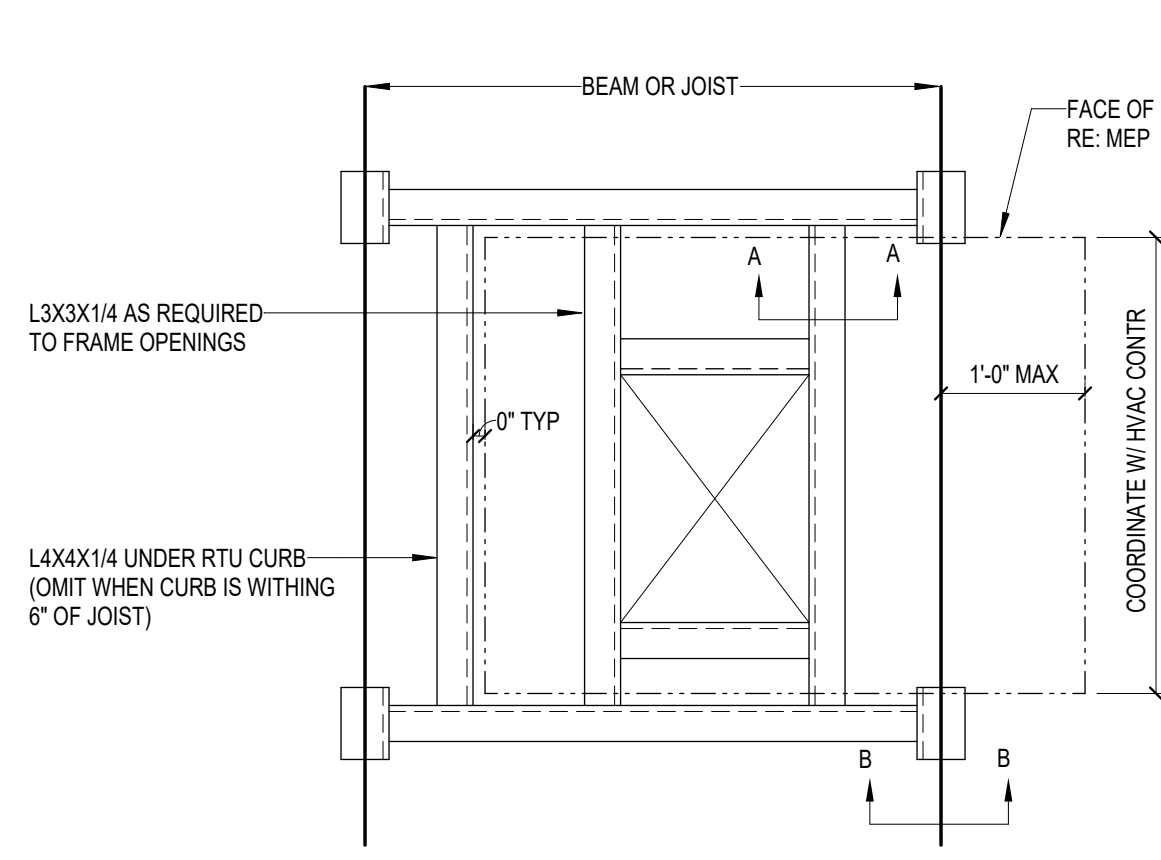
4 TYPICAL ROOF SECTION
3/4" = 1'-0"



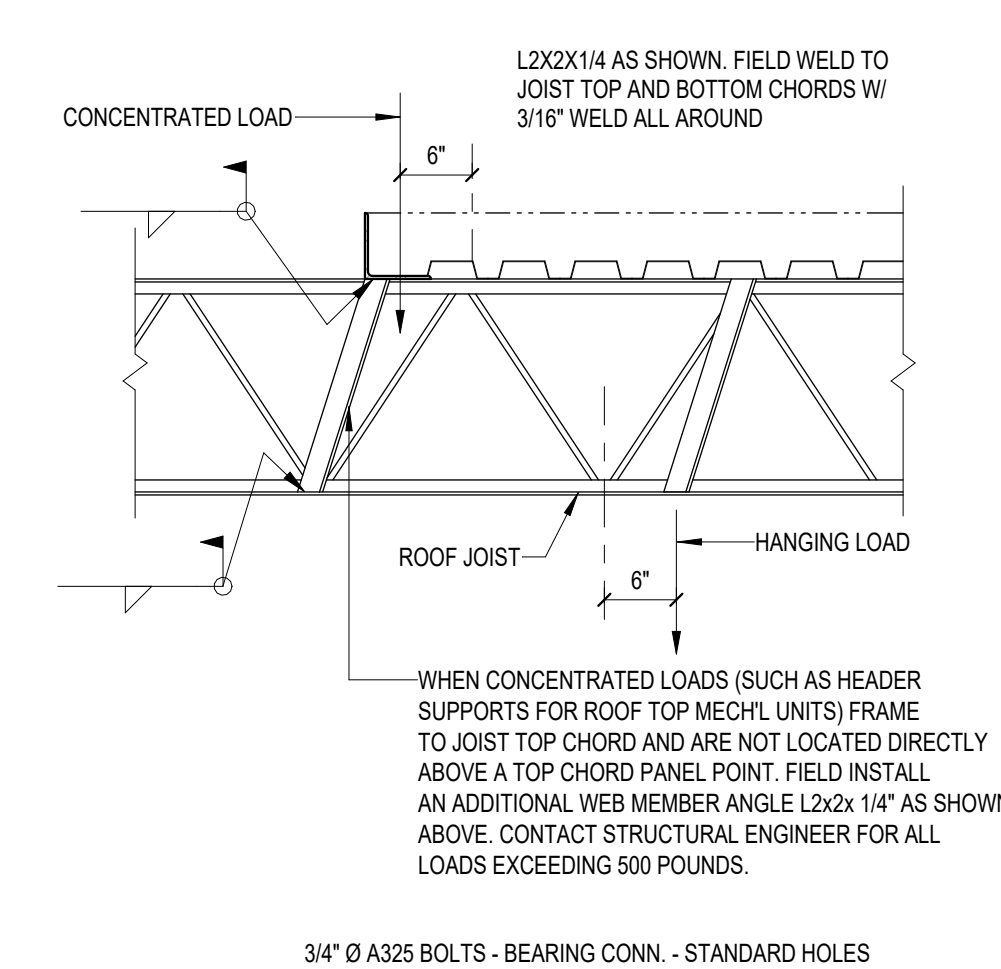
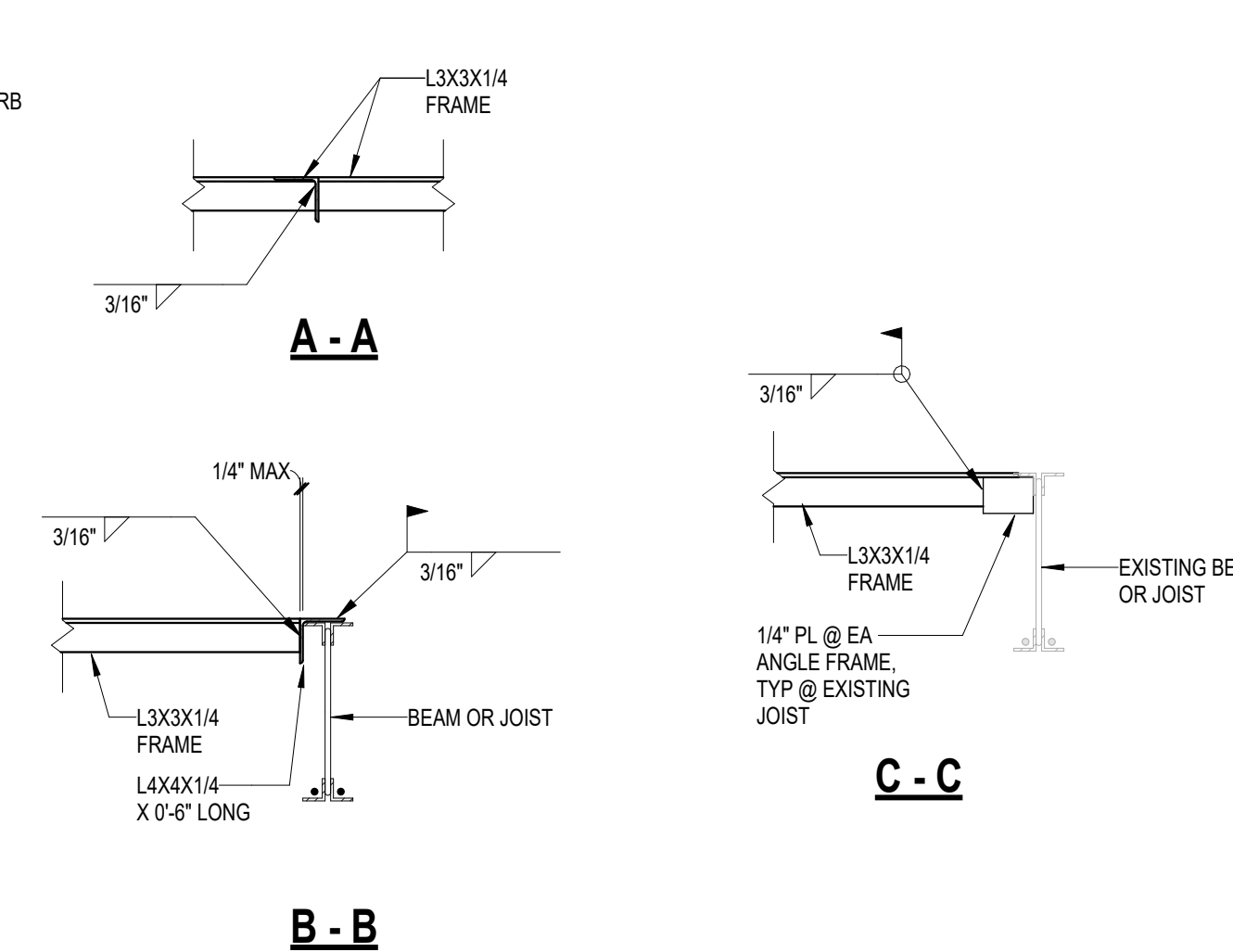
5 TYPICAL ROOF SECTION
3/4" = 1'-0"



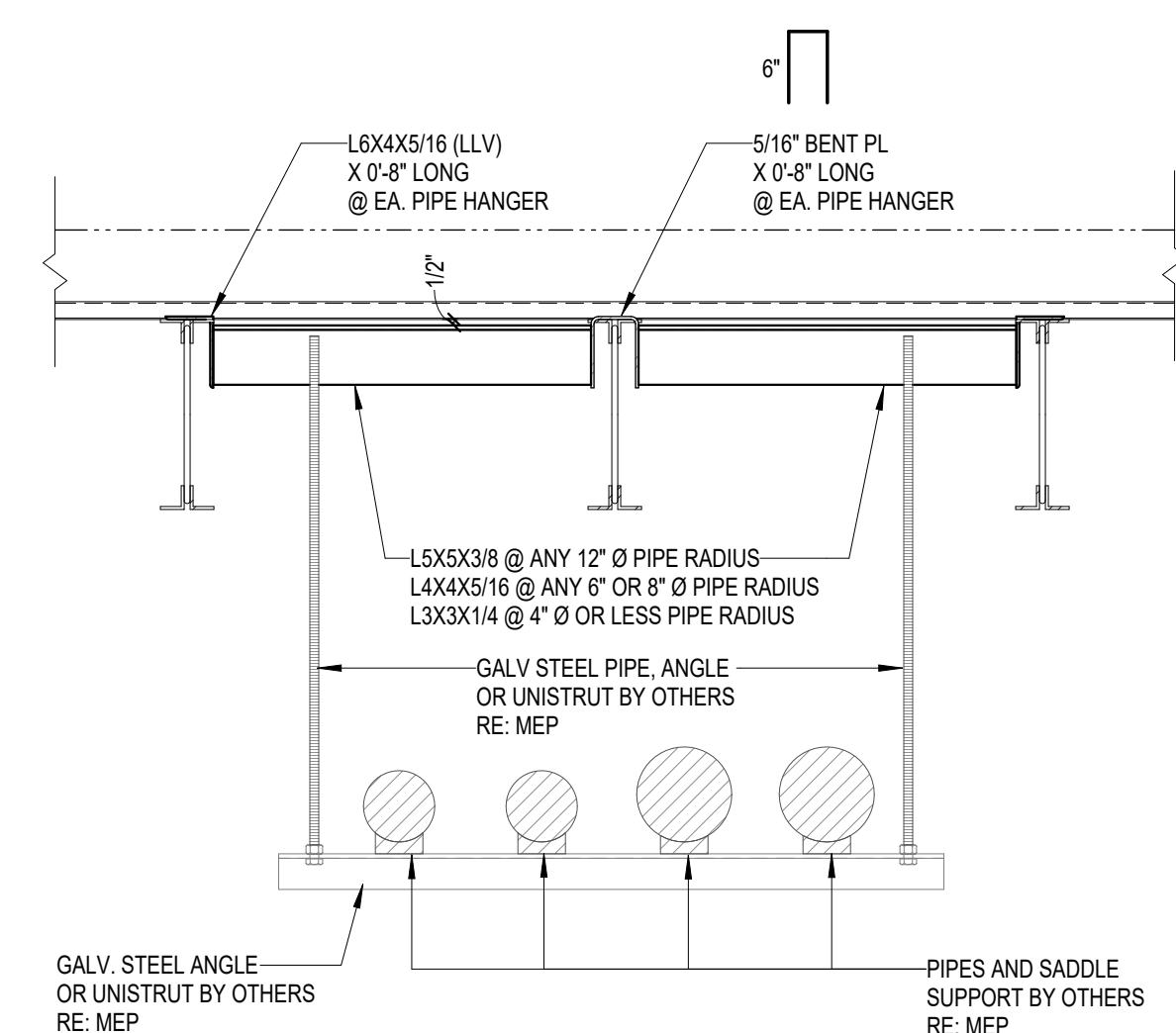
TYPICAL ROOF OPENING - PLAN VIEW



TYPICAL RTU SUPPORT DETAILS

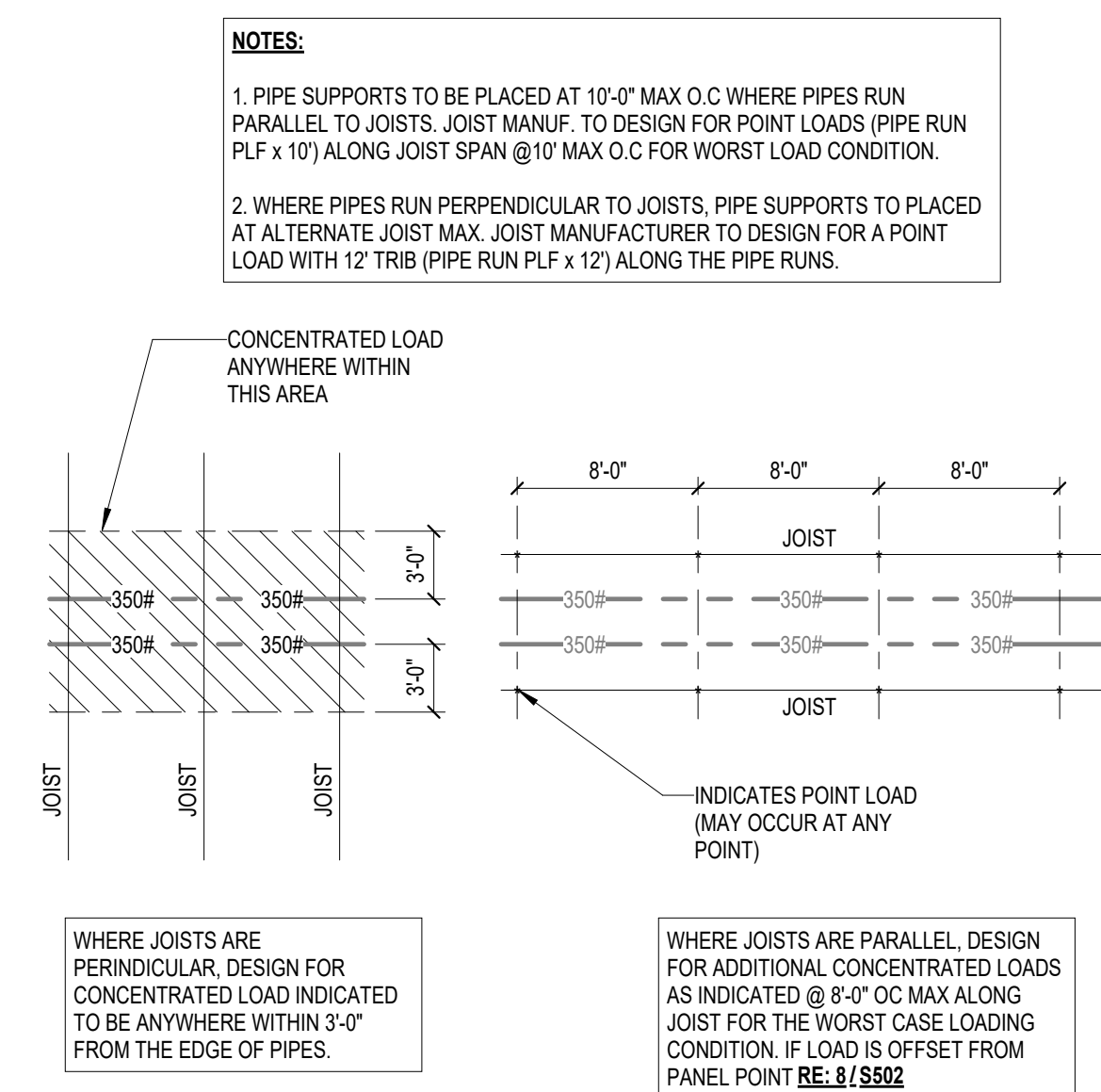


6 TYPICAL ROOF SECTION
3/4" = 1'-0"

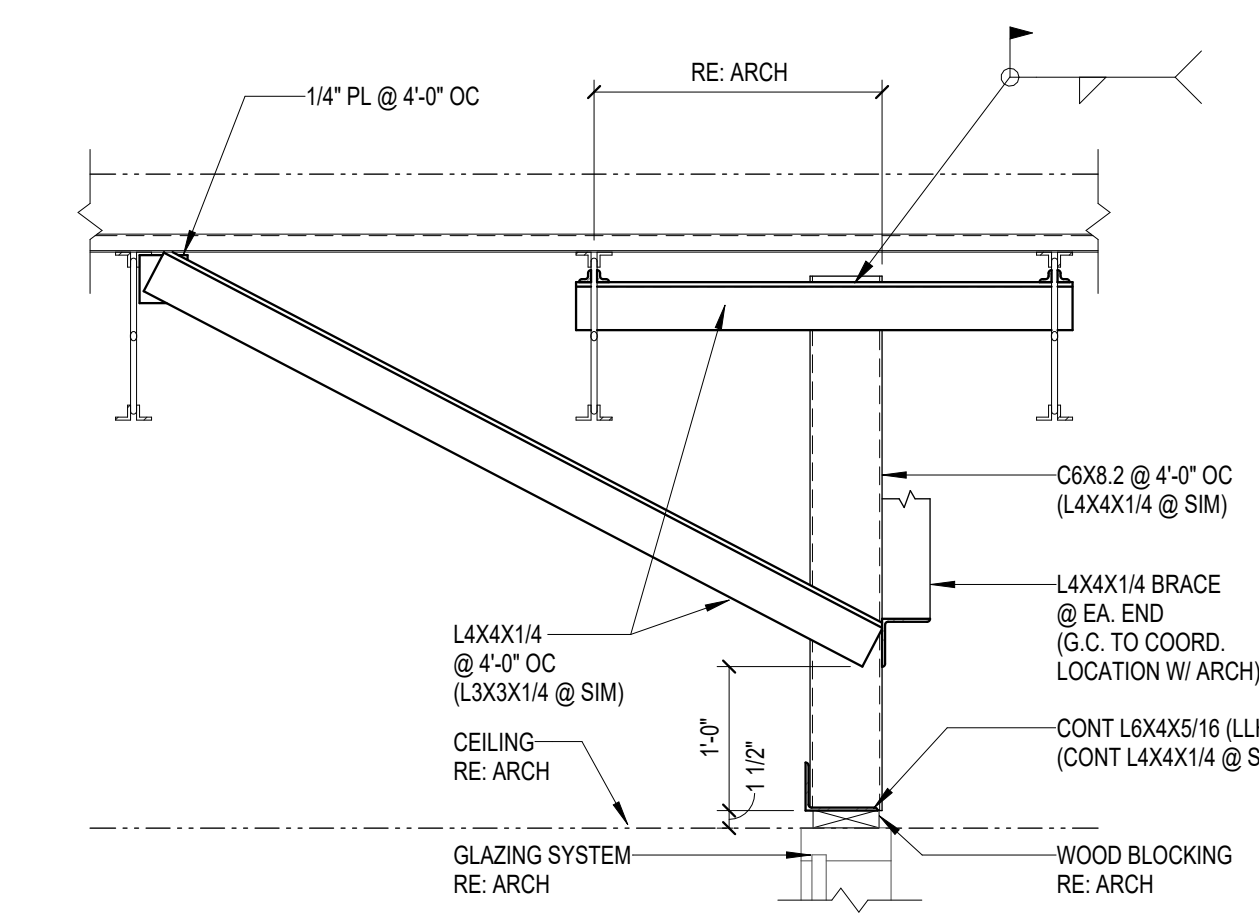


9 TYPICAL PIPE HANGER DETAIL
3/4" = 1'-0"

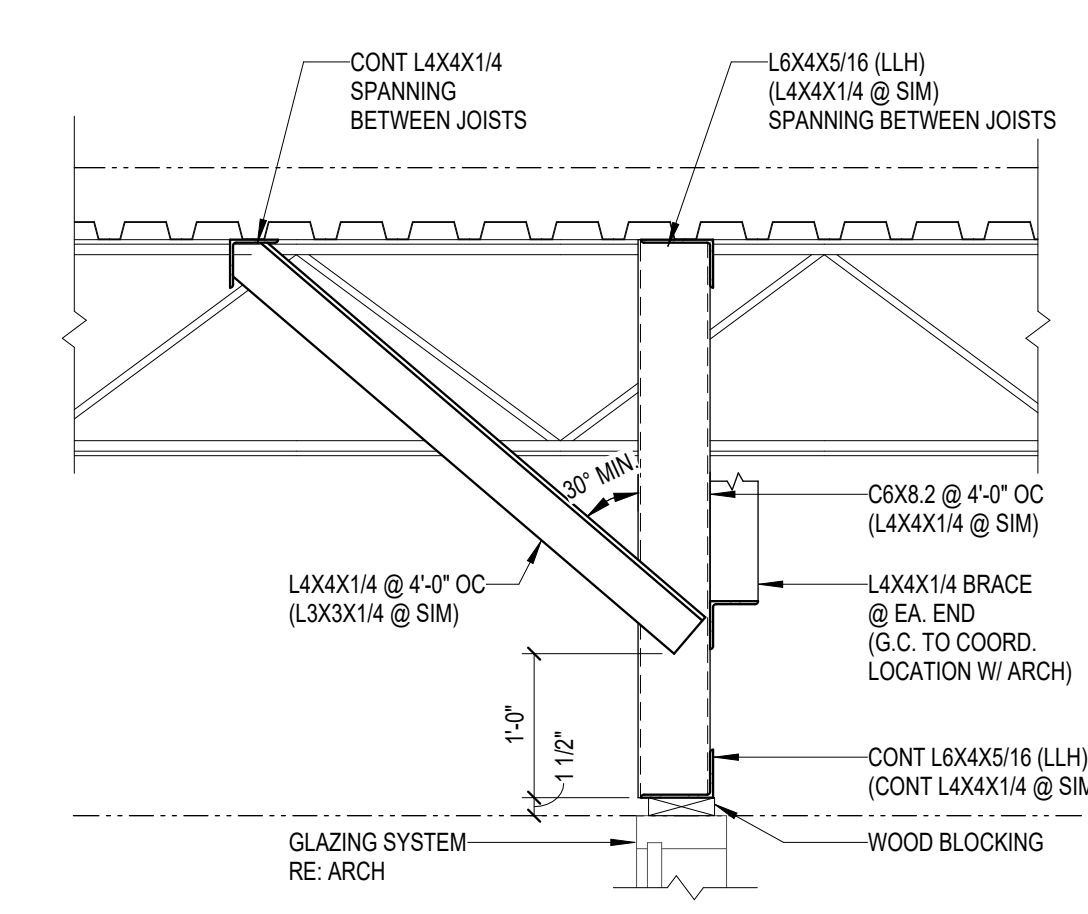
7 TYPICAL ROOF OPENING
3/4" = 1'-0"



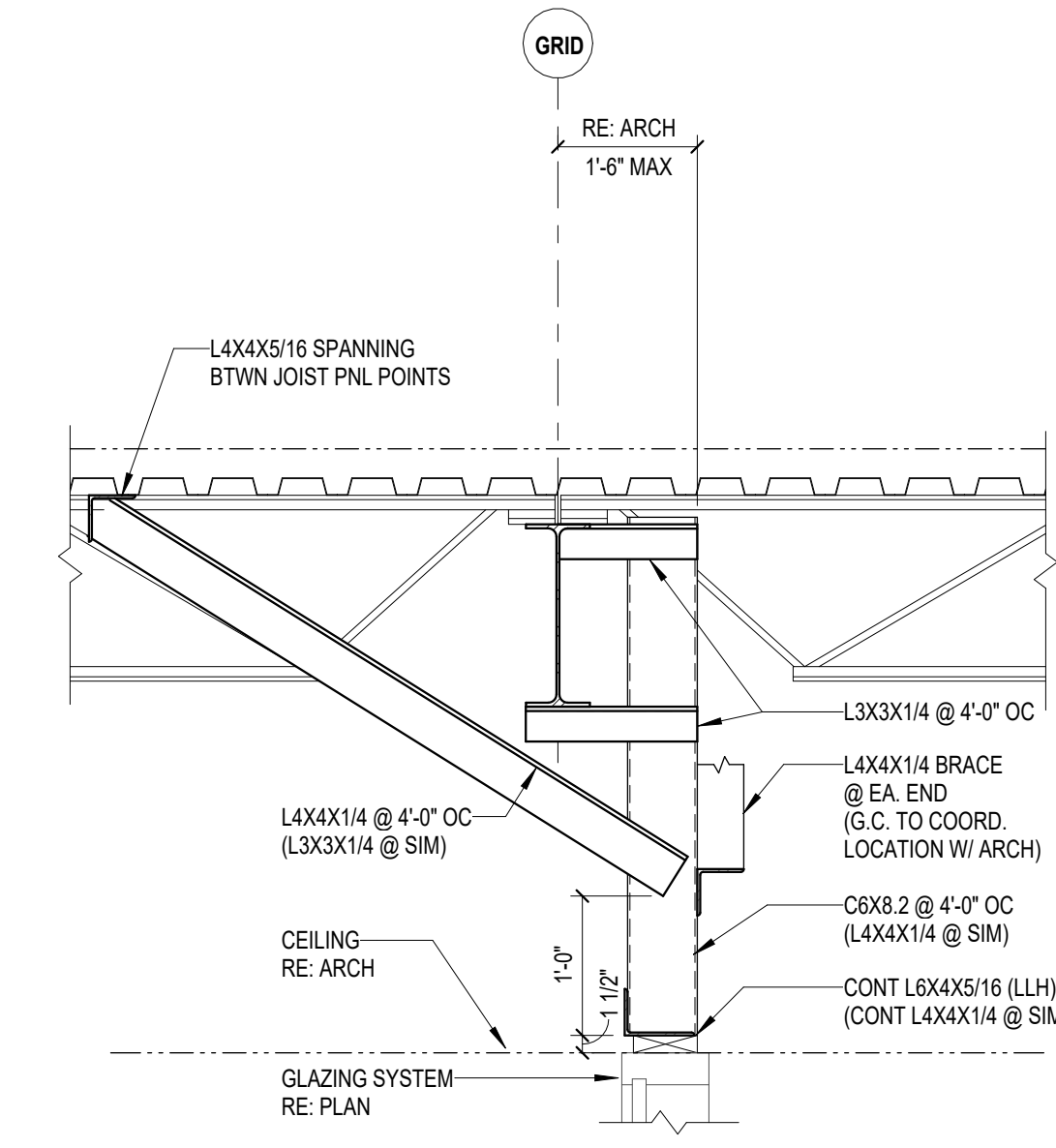
10 TYPICAL PIPE LOADING DIAGRAM
1/8" = 1'-0"



11 MISC. STEEL @ GLAZING
3/4" = 1'-0"



12 MISC. STEEL @ GLAZING
3/4" = 1'-0"



13 MISC. STEEL @ GLAZING
3/4" = 1'-0"

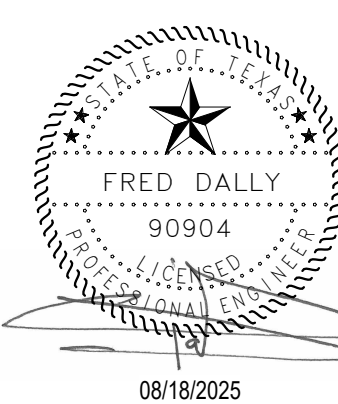
Date

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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

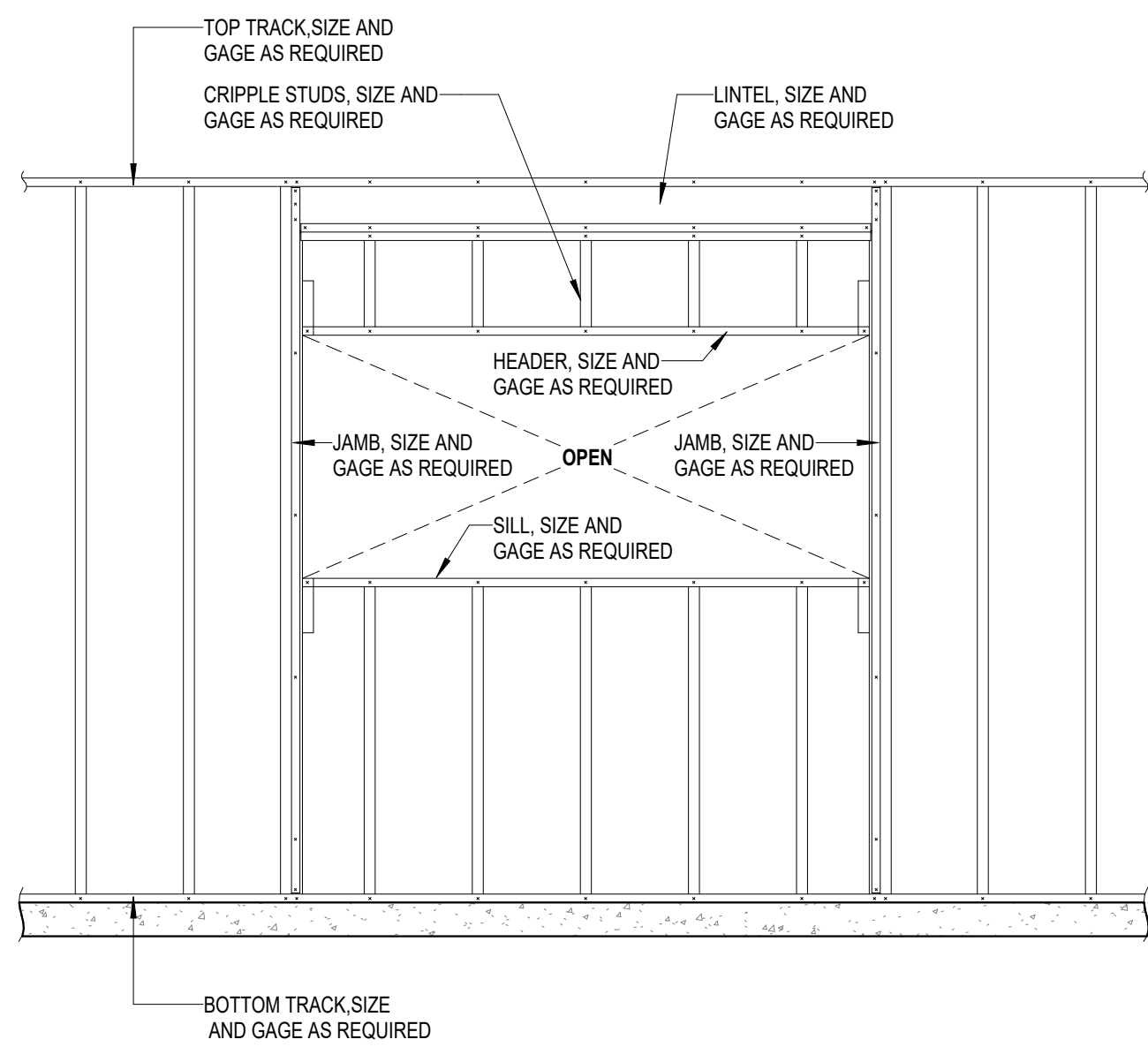
Dally
+ ASSOCIATES
INCORPORATED
8800 Richmond Avenue, Suite 400
Houston, Texas 77042
1713.337.8881
Texas Registered Engineering Firm
D + A PROJECT # 24-075-00



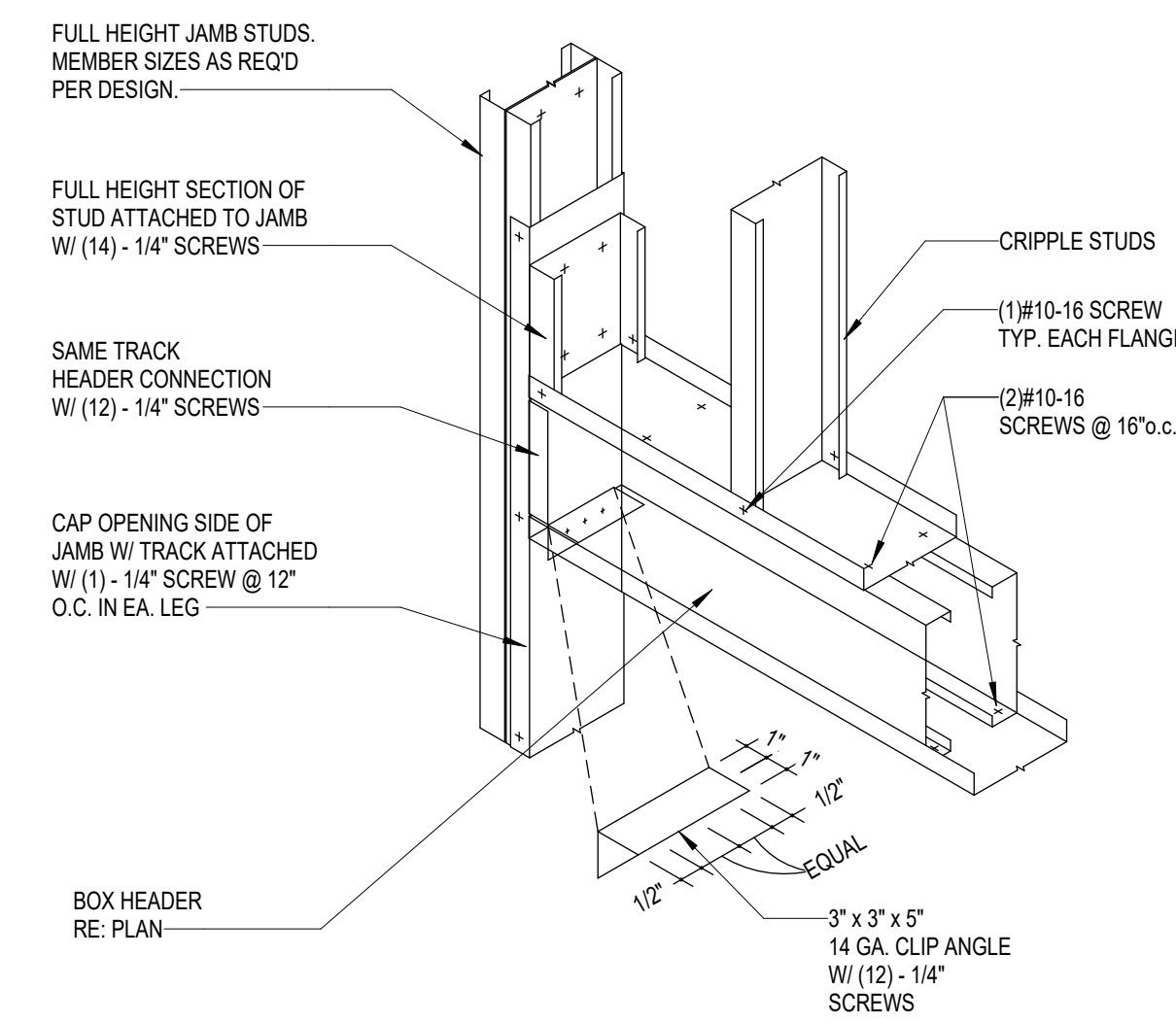
Huckabee
www.huckabee-inc.com
800.687.1229

TYPICAL ROOF FRAMING
DETAILS (JOIST)

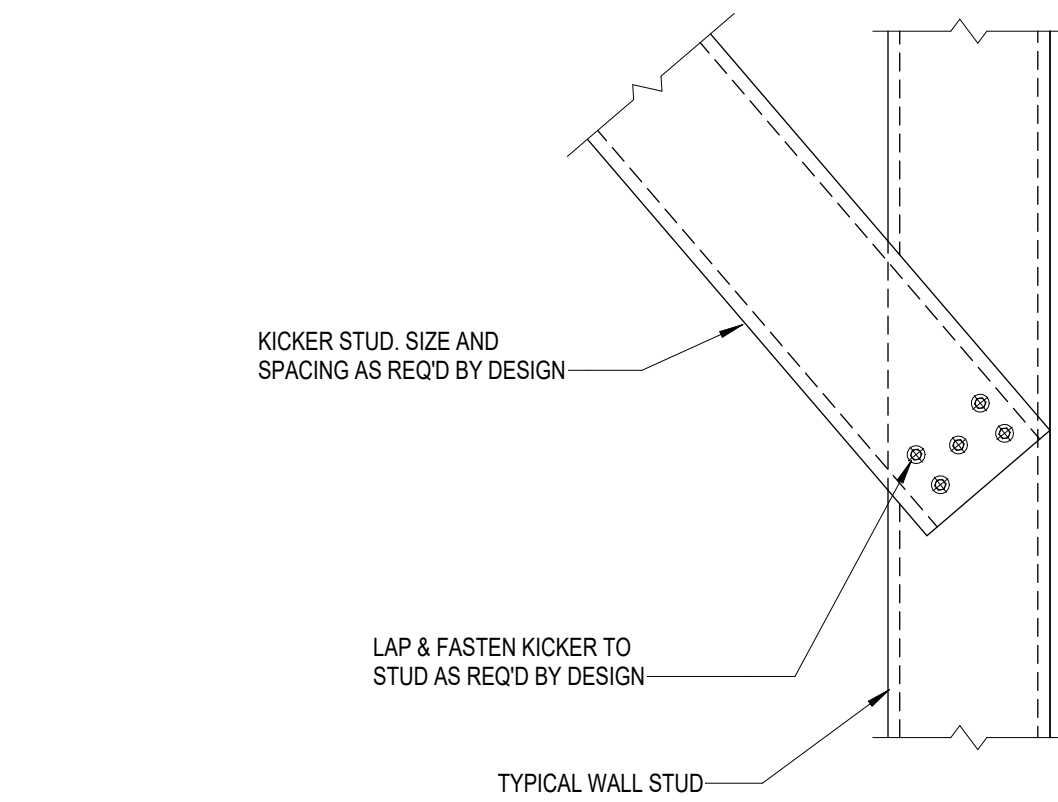
PACKAGE VOLUME
Job No. 01818-07-01
Sheet No. S502
Drawn By: JT
Date: 08/18/2025



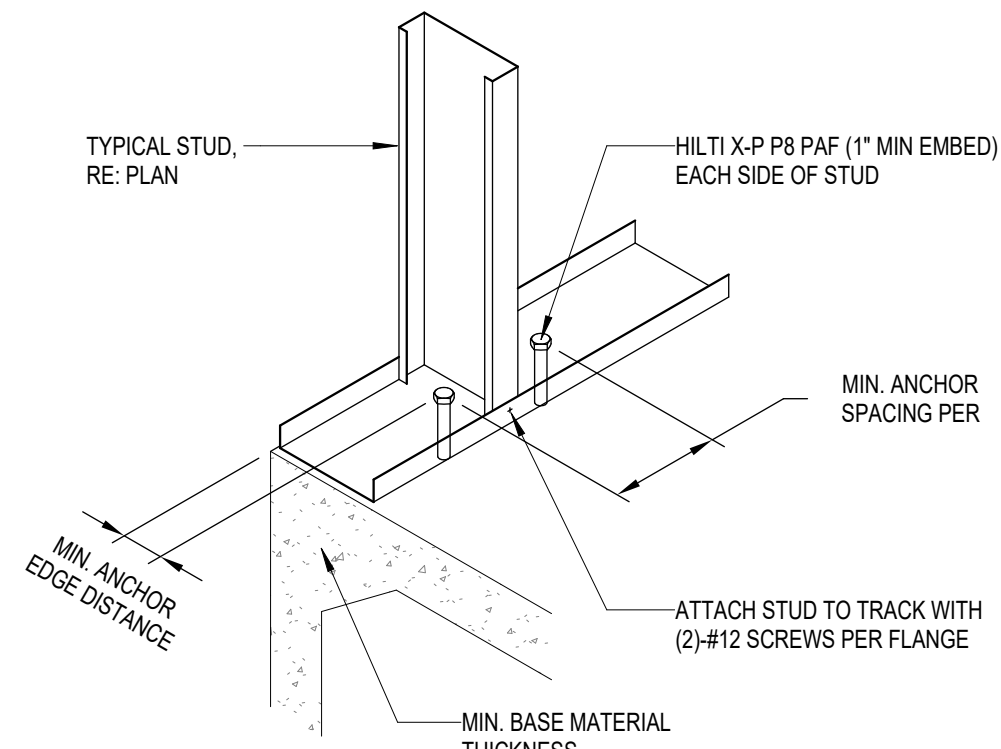
1 TYPICAL WALL OPENING ELEVATION
3/4" = 1'-0"



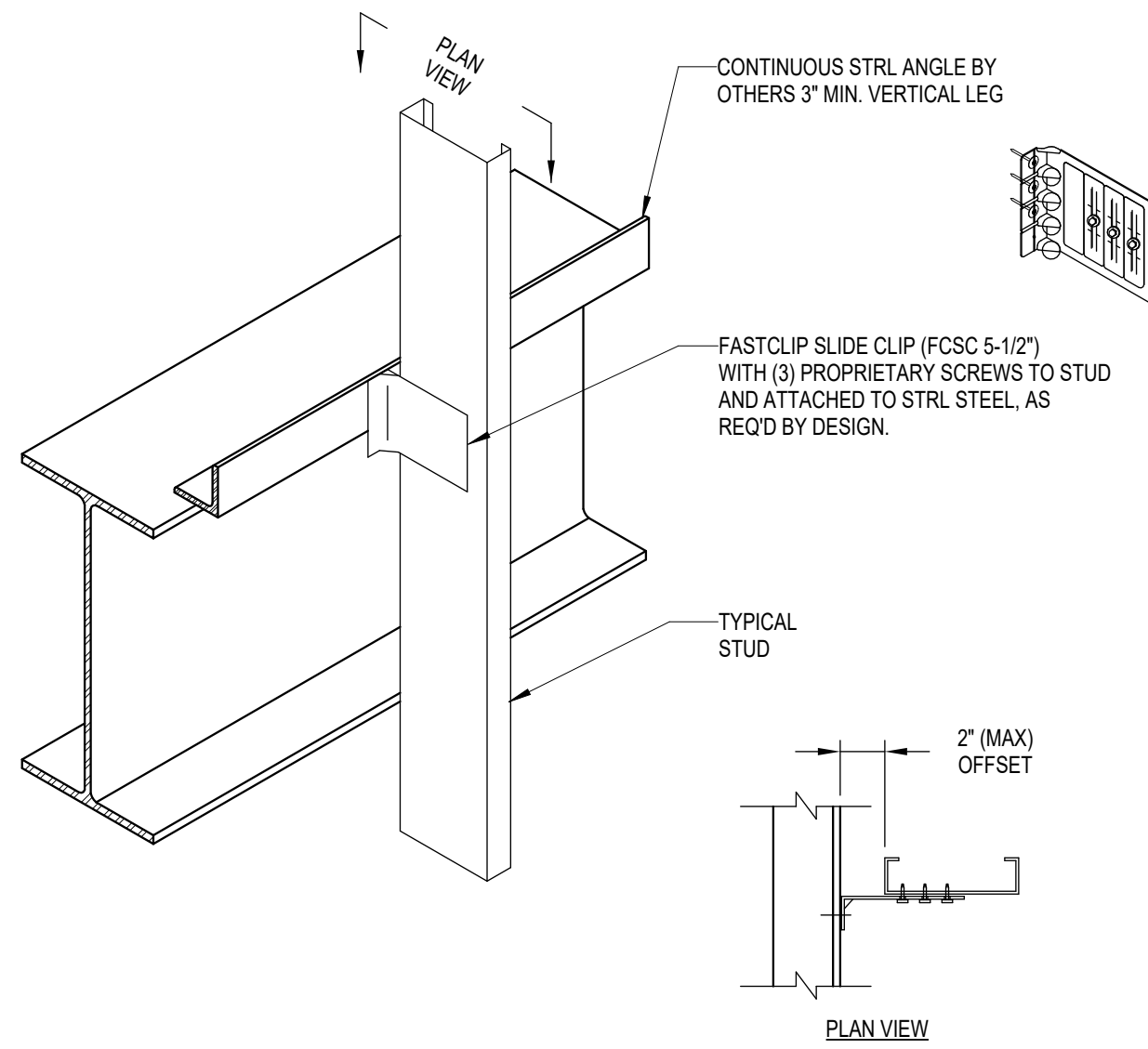
6 BOXED HDR CONNECTION
3/4" = 1'-0"



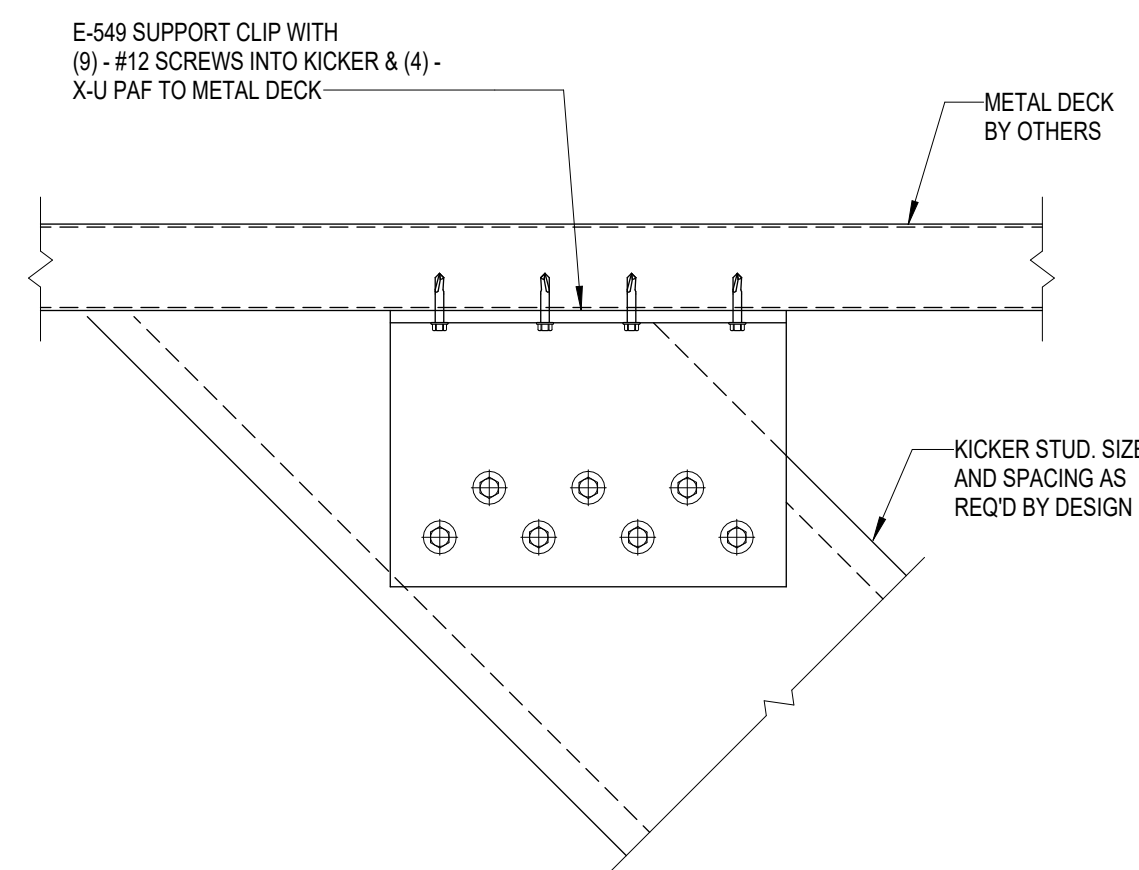
11 KICKER CONNECTION TO STUD
3/4" = 1'-0"



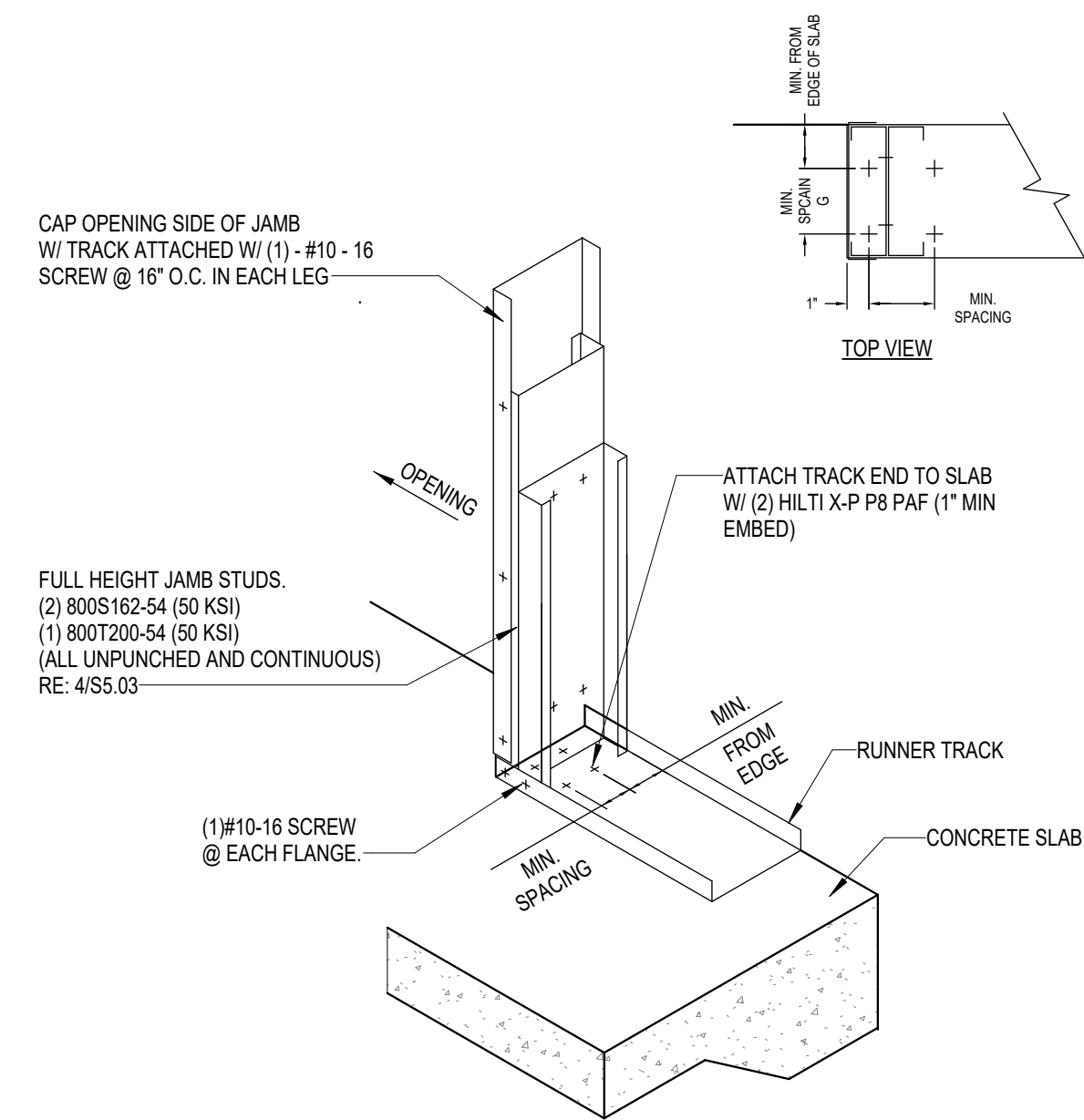
2 BASE CONNECTION TO SLAB
3/4" = 1'-0"



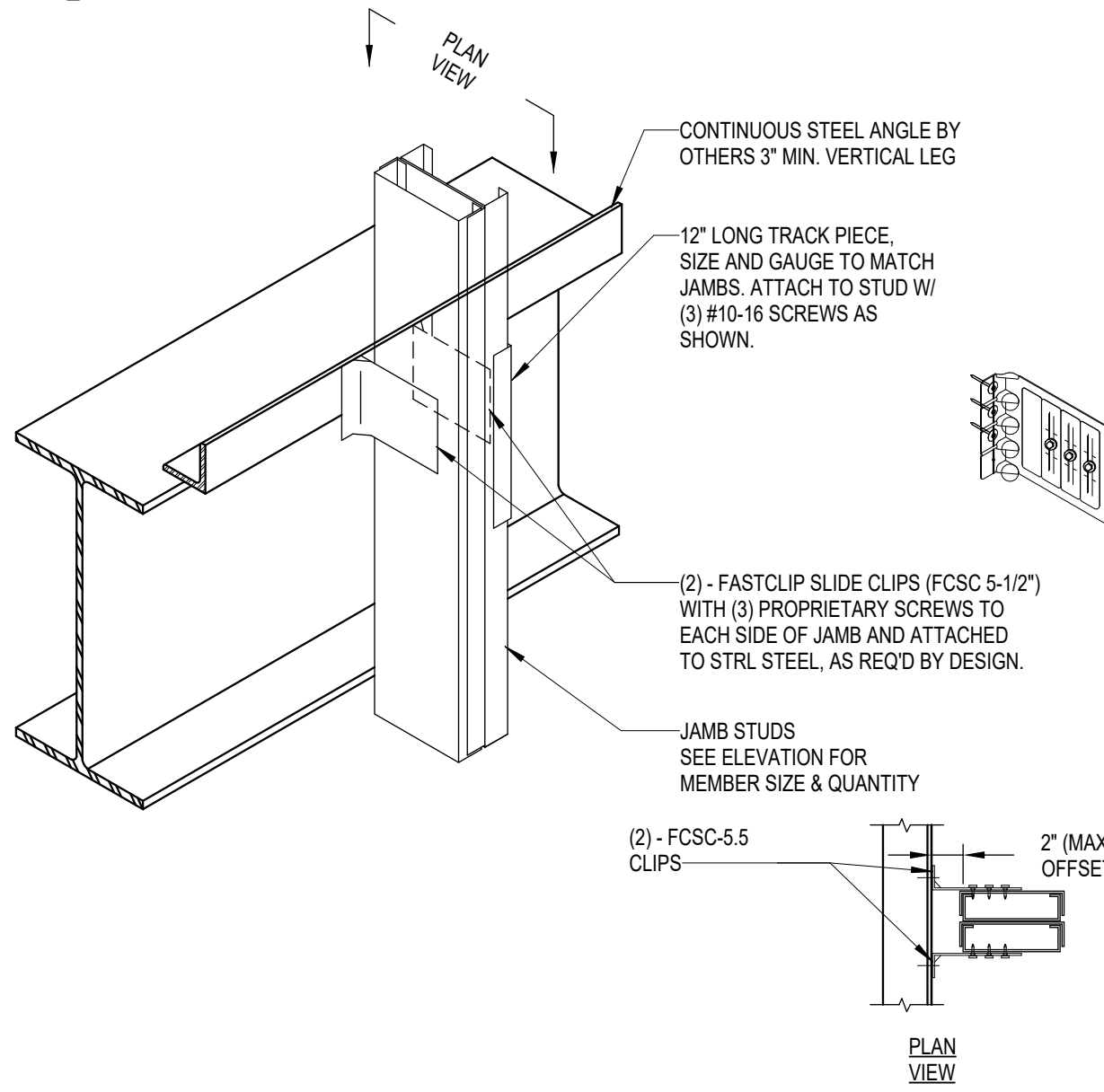
7 STUD CONNECTION W/ FCSC CLIP
3/4" = 1'-0"



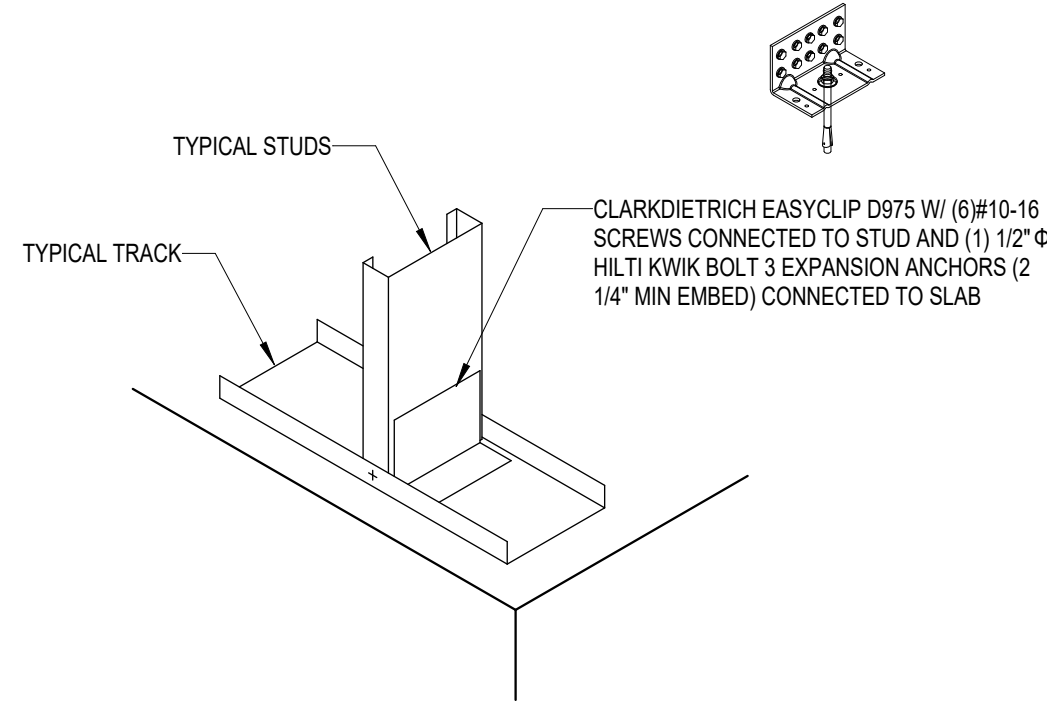
12 KICKER CONNECTION TO DECK
3/4" = 1'-0"



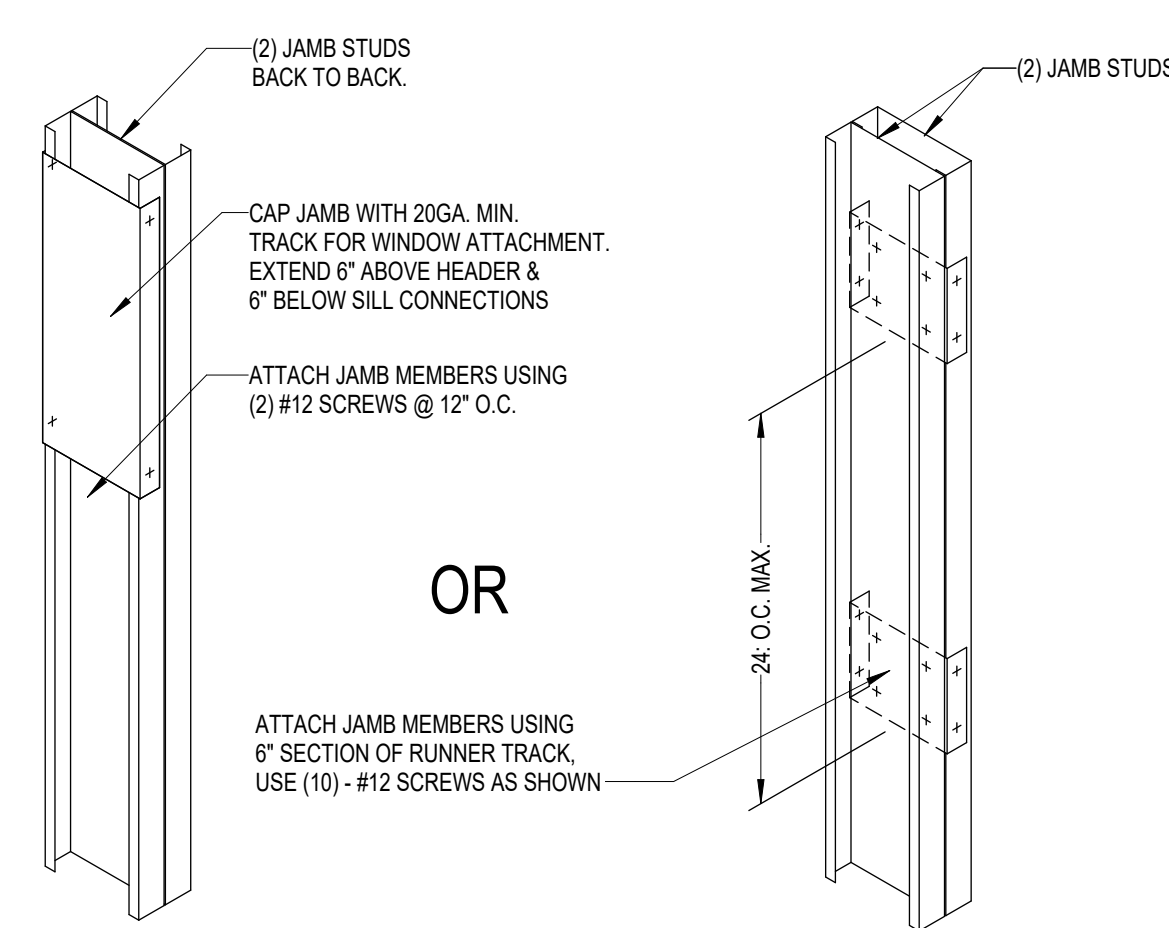
3 KING POST ANCHORAGE 1
3/4" = 1'-0"



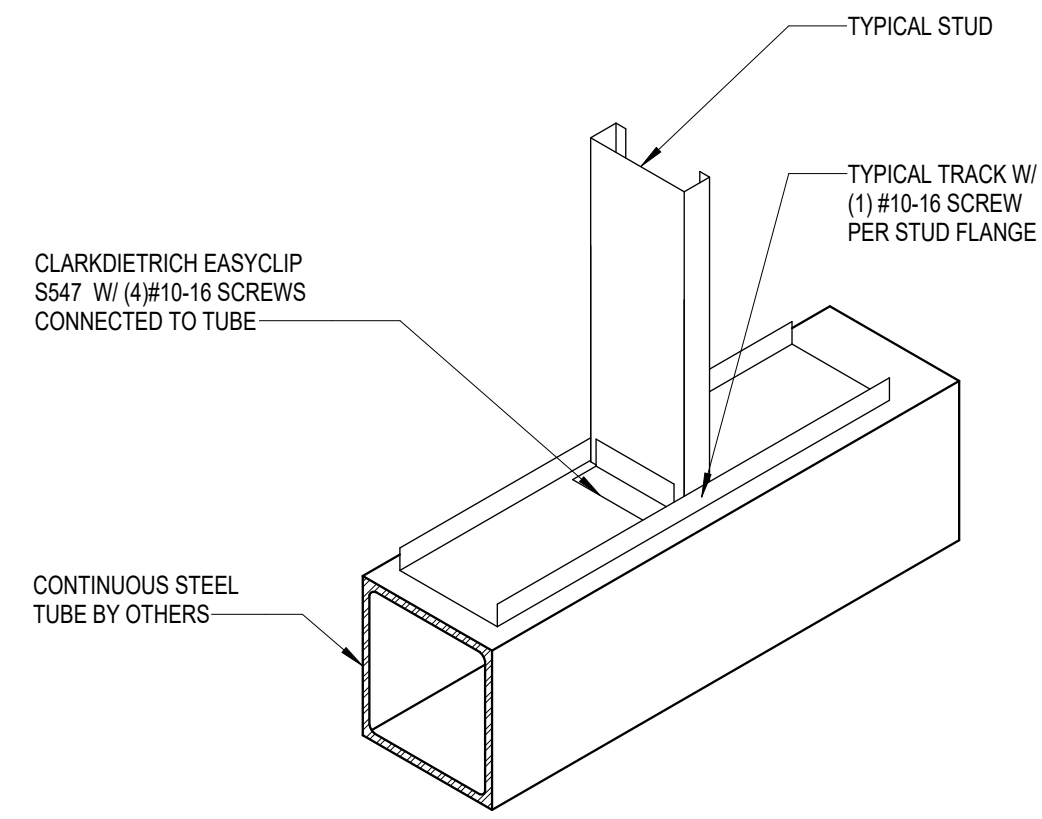
8 KING POST CONNECTION W/ FCSC CLIP
3/4" = 1'-0"



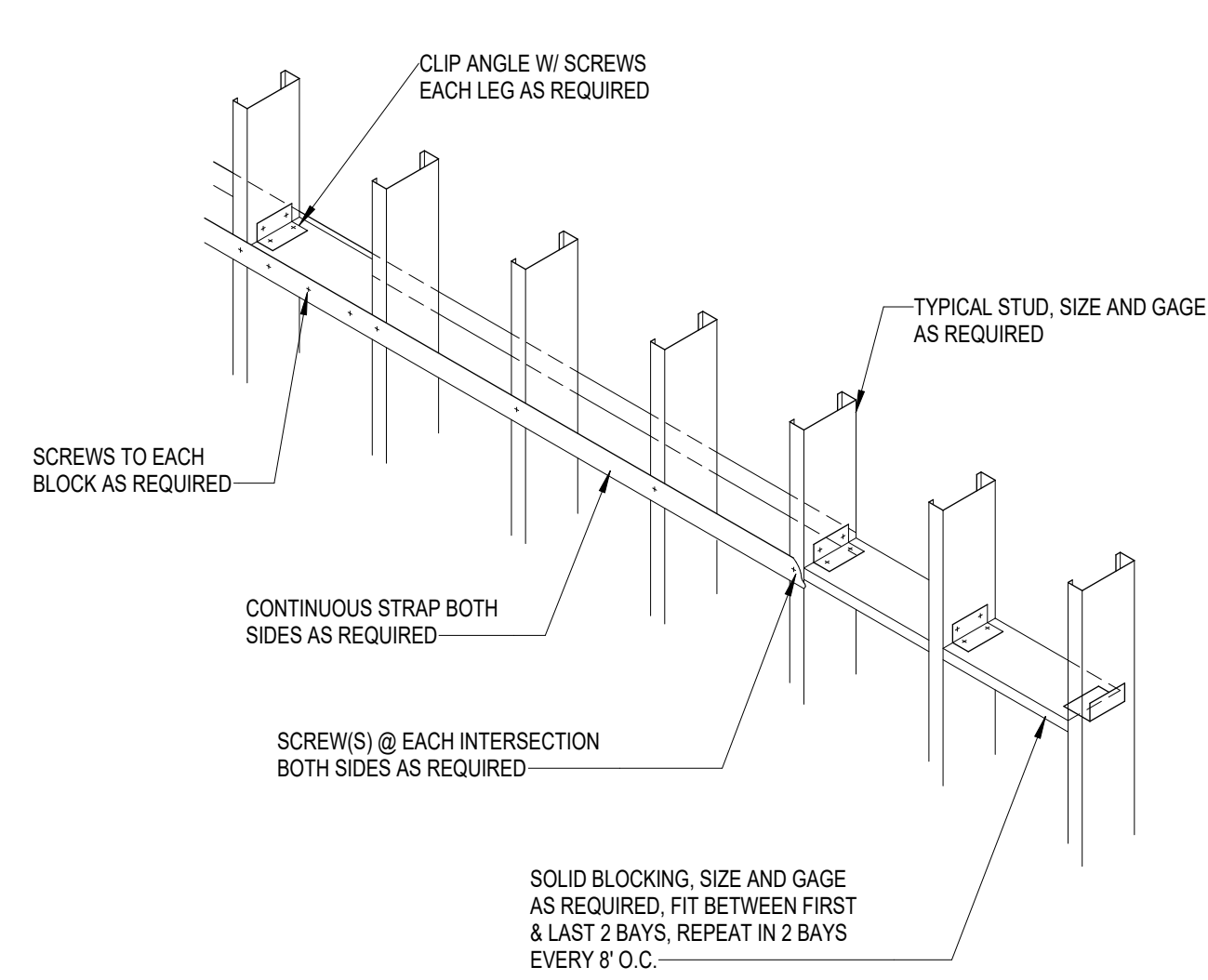
4 KING POST ANCHORAGE 2
3/4" = 1'-0"



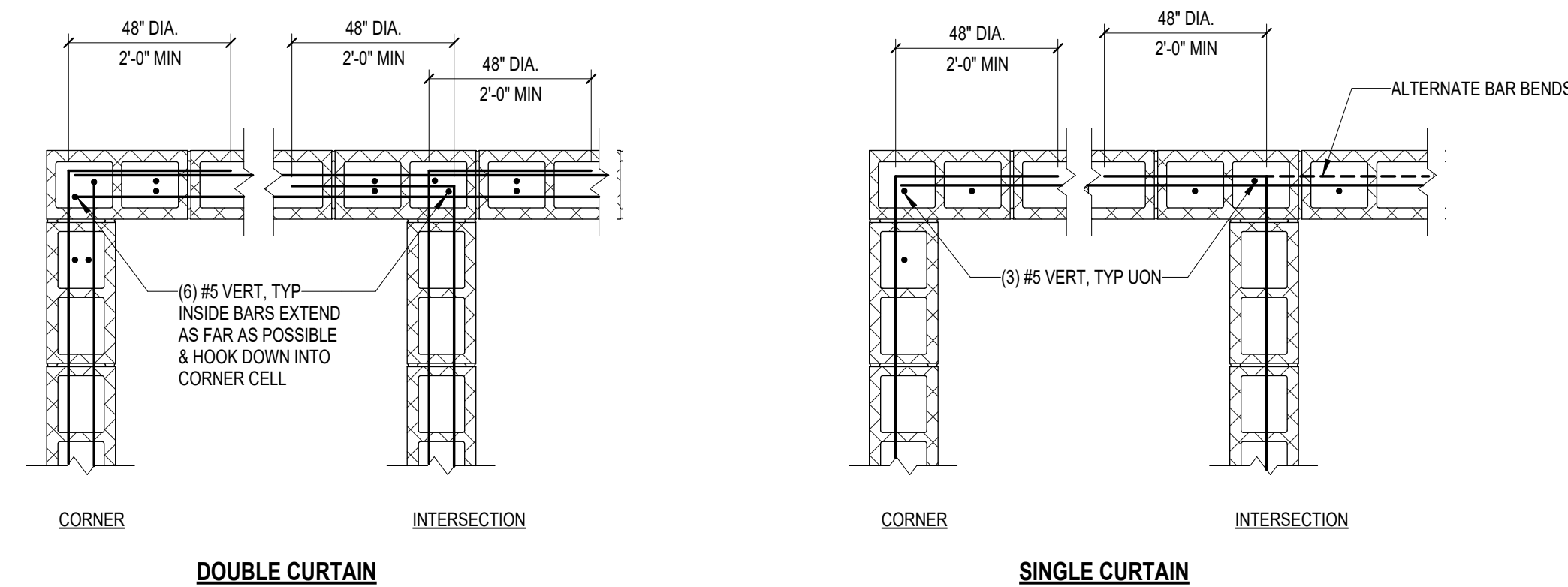
9 TIED JAMB STUDS
3/4" = 1'-0"



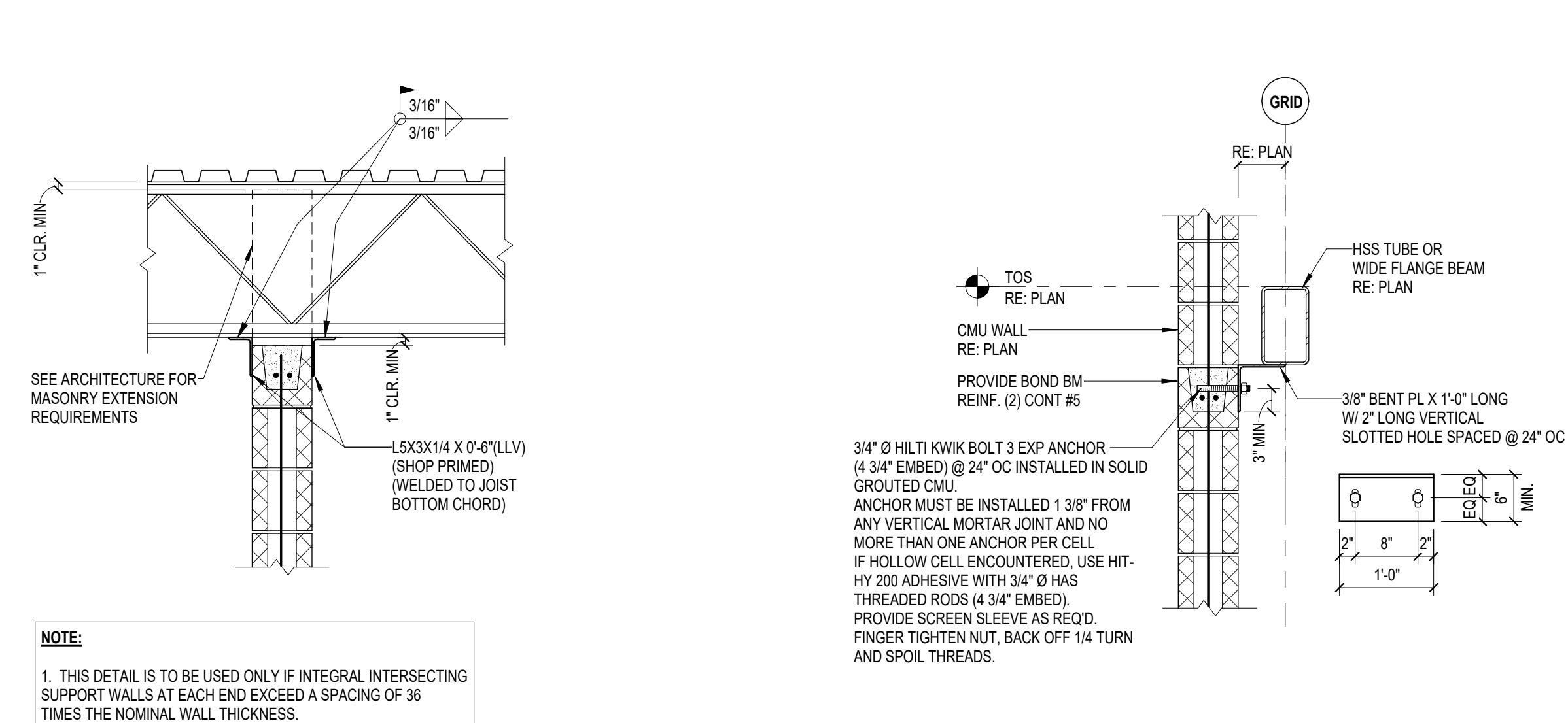
5 BASE CONNECTION TO HSS BEAM
3/4" = 1'-0"



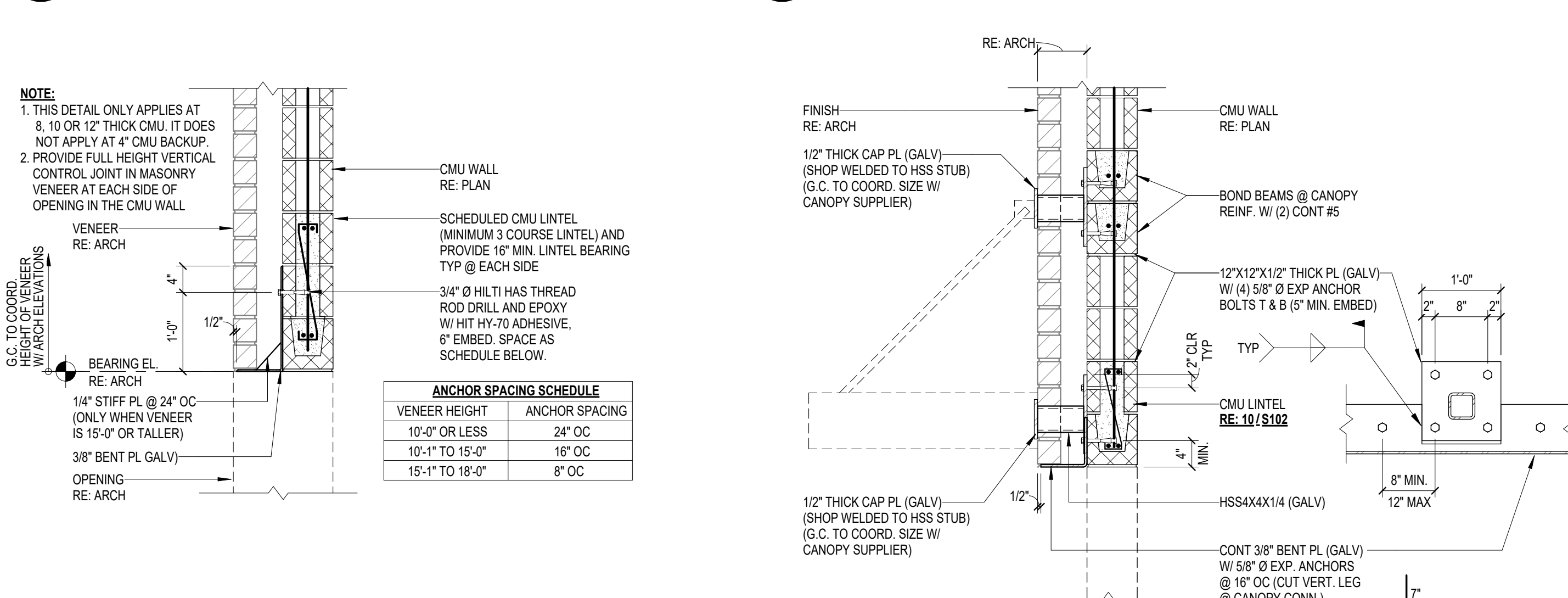
10 UNPUNCHED STUDS BRACING
3/4" = 1'-0"



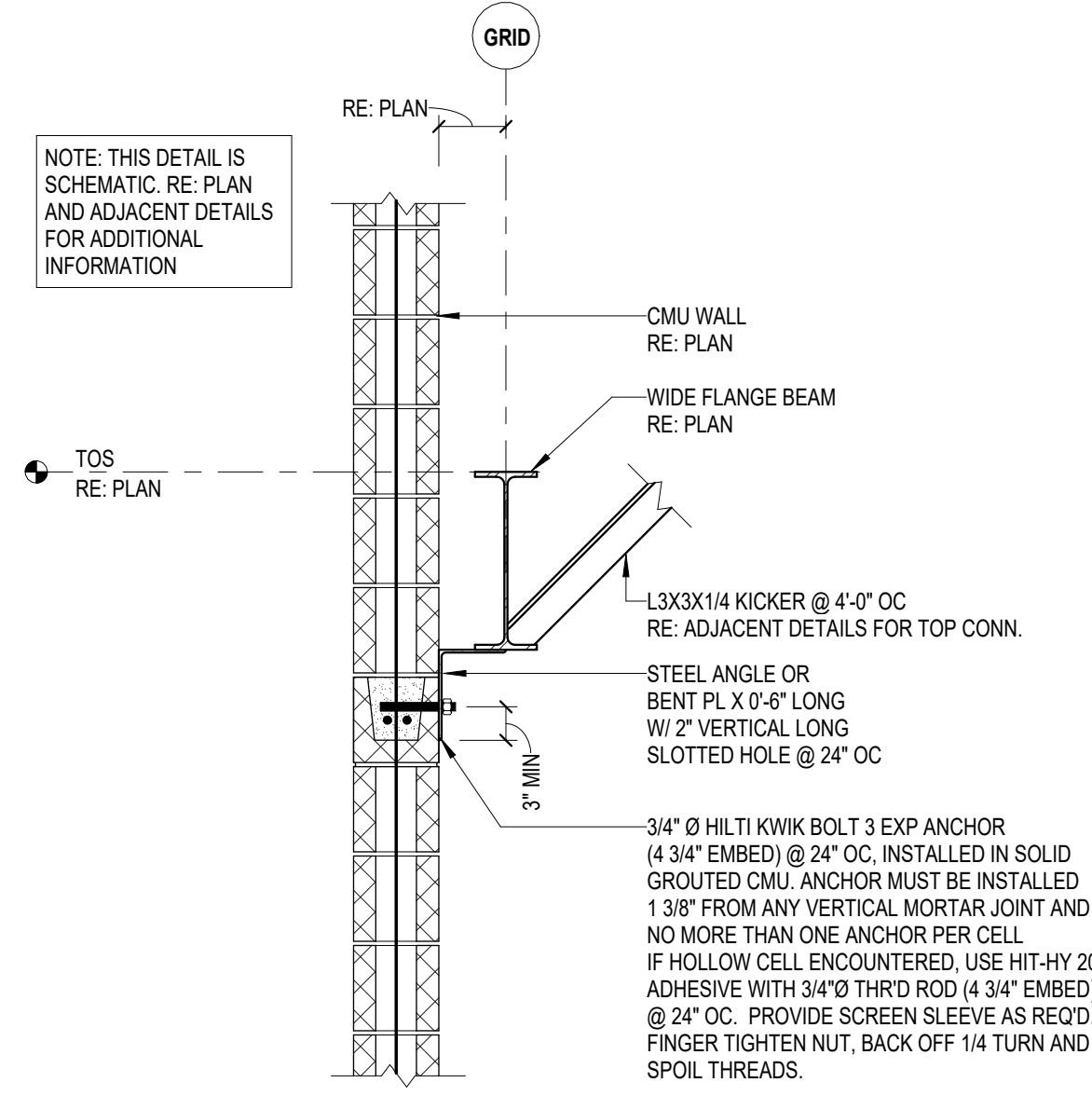
2 TYPICAL CMU WALL REINFORCING AT INTERSECTIONS



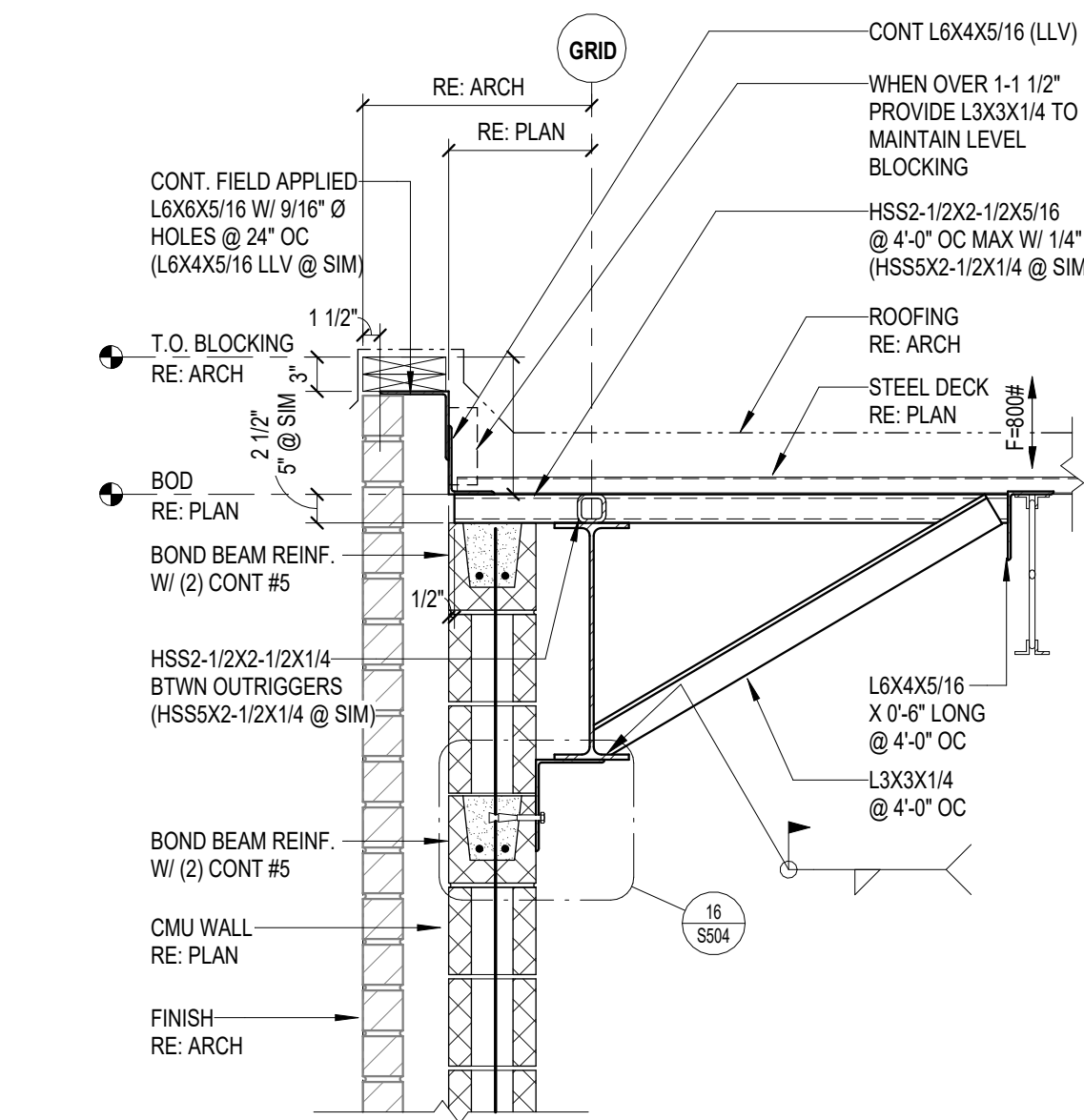
7 CMU CLIP TO STEEL BEAM
3/4" = 1'-0"



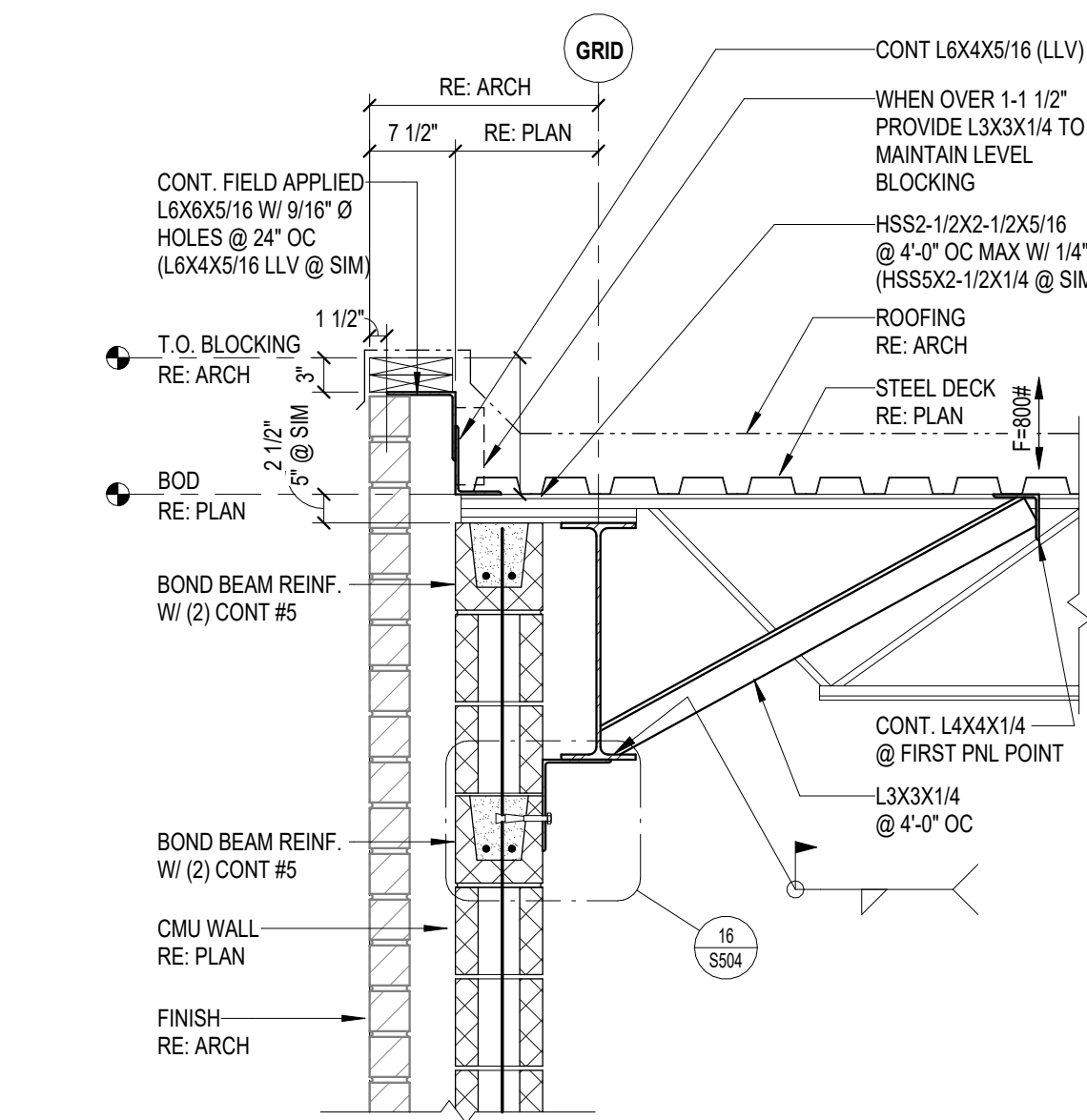
12 CANOPY SUPPORT AT MASONRY VENEER
3/4" = 1'-0"



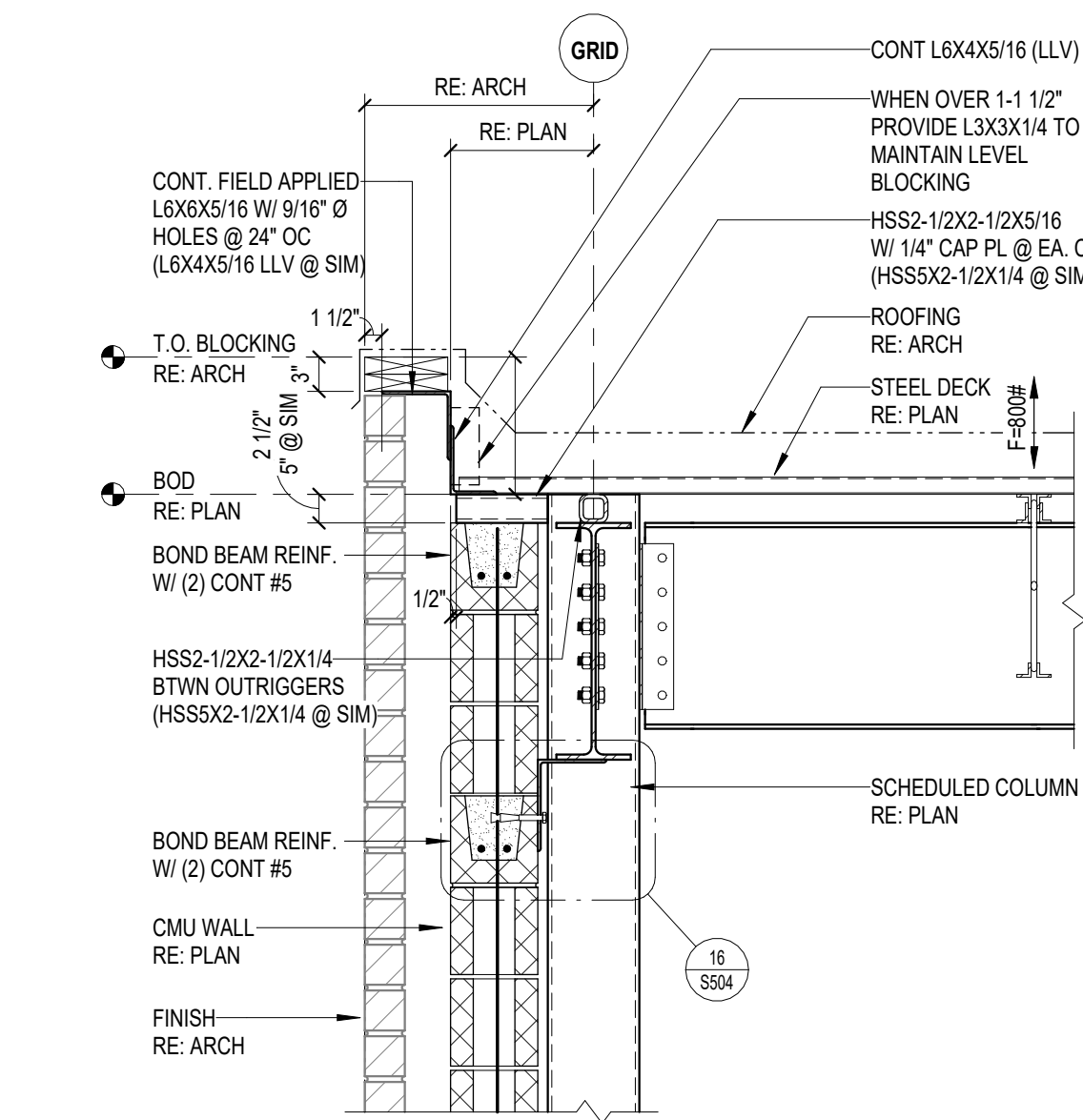
16 TYPICAL CMU CLIP @ WF BEAM
3/4" = 1'-0"



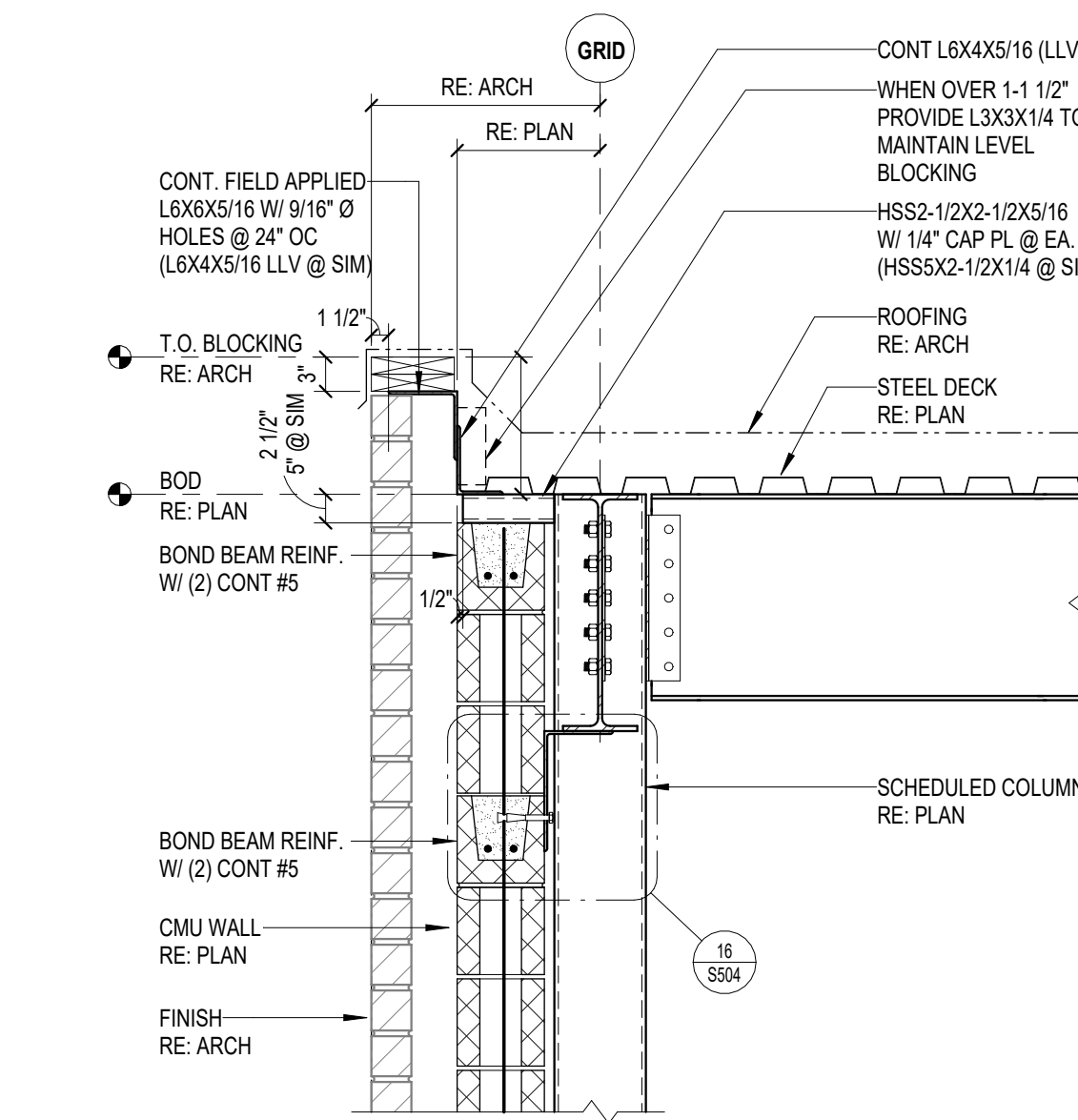
1 ROOF SECTION
3/4" = 1'-0"



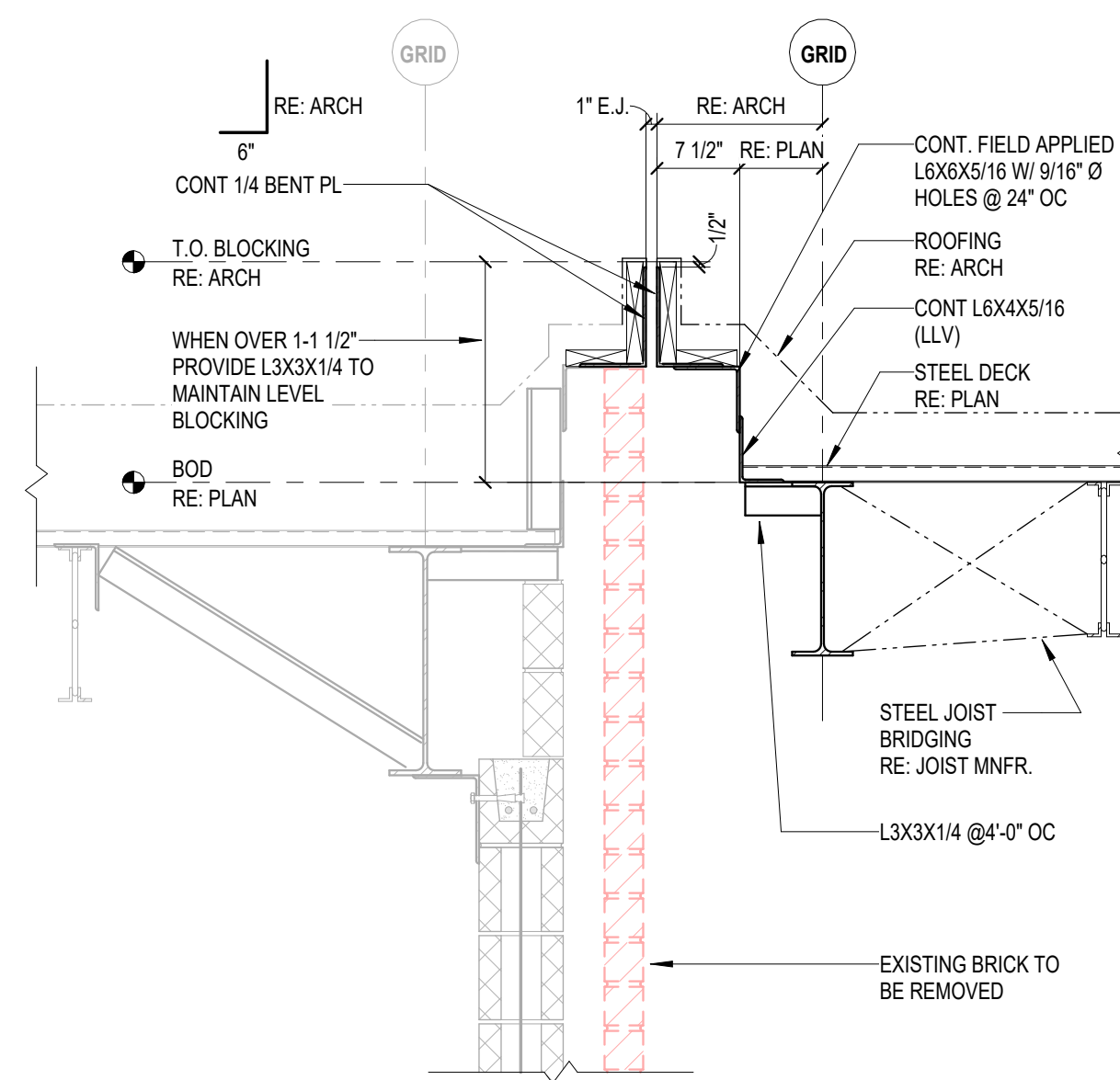
2 ROOF SECTION
3/4" = 1'-0"



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



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



5 ROOF SECTION @ EJ
3/4" = 1'-0"

Date

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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

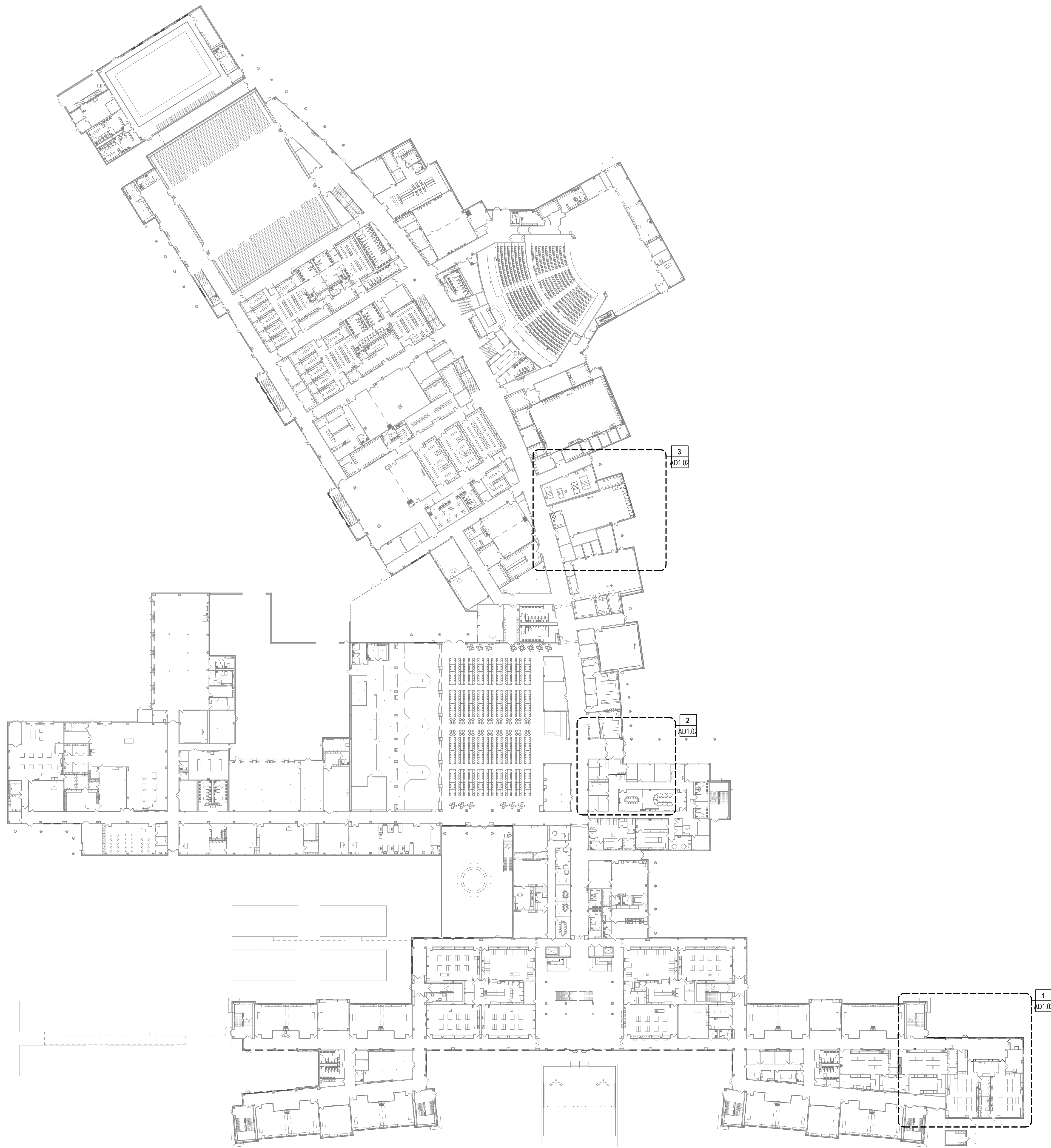
Dally
ASSOCIATES
ARCHITECTS, INC.
8800 Richmond Avenue, Suite 400
Houston, Texas 77042
1713.337.6681
Texas Registered Engineering Firm
D + A PROJECT # 24-075-00



Huckabee
www.huckabee-inc.com
800.687.1229

ROOF FRAMING DETAILS

PACKAGE	VOLUME
Job No. 01818-07-01	Sheet No.
Drawn By: JT	S601
Date: 08/18/2025	



1 1ST FLOOR - MASTER DEMOLITION PLAN
1" = 40'-0"

- A. BIDDERS SHALL VISIT SITE AND BE FAMILIAR WITH EXISTING CONDITIONS, INCLUDING BUT NOT LIMITED TO EXISTING DIMENSIONS, EQUIPMENT, LOCATIONS, SIZES, QUANTITIES, AND MATERIALS.
- B. EXISTING ELECTRICAL POWER SERVING THE EXISTING FACILITY SHALL REMAIN ON LINE. DISRUPTIONS REQUIRED FOR CONSTRUCTION TO BE COORDINATED WITH THE OWNER REPRESENTATIVE ASSIGNED TO THIS SPECIFIC PROJECT.
- C. EXISTING DRAIN LINES SERVING THE EXISTING FACILITY SHALL REMAIN FUNCTIONAL. ANY DISRUPTIONS REQUIRED FOR NEW TIE-INS DURING CONSTRUCTION MUST BE COORDINATED WITH THE OWNER REPRESENTATIVE ASSIGNED TO THIS SPECIFIC PROJECT.
- D. CONTRACTOR SHALL COORDINATE EXACT SIZES AND LOCATIONS FOR MECHANICAL, PLUMBING, ELECTRICAL, AND TECHNOLOGY PENETRATIONS REQUIRED FOR NEW WORK WITH EACH RESPECTIVE TRADE.
- E. CONTRACTOR SHALL KEEP OPENINGS TO THE EXTERIOR TEMPORARILY COVERED FOR PROTECTION FROM WATER.
- F. CONTRACTOR SHALL KEEP OPENINGS TEMPORARILY COVERED FOR PEDESTRIAN SAFETY.
- G. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY SHORING AND BRACING REQUIRED FOR DEMOLITION.
- H. REFER TO MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING SHEETS FOR ADDITIONAL PENETRATIONS AND OTHER RELATED DEMOLITION OR EQUIPMENT REMOVAL.
- I. EXISTING CONSTRUCTION IS SHOWN BASED ON OWNER FURNISHED PLANS, OWNER FURNISHED SURVEYS, AND ON-SITE OBSERVATIONS. DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL FIELD CONDITIONS WILL BE REPORTED TO THE ARCHITECT/ENGINEER/PROJECT MANAGER AND ANY ADDITIONAL DIRECTION, IF NECESSARY, SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
- J. EXISTING CONSTRUCTION ADJACENT TO DEMOLITION WORK WILL BE PATCHED AND REPAIRED TO MATCH ORIGINAL CONDITION.
- K. DEMOLITION WORK TIMES SHALL BE COORDINATED WITH THE OWNER REPRESENTATIVE ASSIGNED TO THIS SPECIFIC PROJECT.
- L. THIS EXISTING FACILITY SHALL REMAIN FUNCTIONAL DURING THE COURSE OF THE DEMOLITION WORK. CONTRACTOR WILL MAINTAIN DUST BARRIERS, BARRICADES, PEDESTRIAN PROTECTION, WATER PROTECTION, AND SAFETY DEVICES IN PLACE AT ALL TIMES DURING AND AFTER DEMOLITION UNTIL NEW WORK IS INSTALLED AND ACCEPTED BY OWNER.
- M. CONTRACTOR SHALL MAINTAIN SITE DRAINAGE DEVICES AND COMPONENTS DURING THE COURSE OF DEMOLITION AND UP UNTIL NEW WORK IS IN PLACE AND ACCEPTED BY OWNER. THIS INCLUDES BUT IS NOT LIMITED TO, EXISTING SUB-SURFACE DRAINAGE.
- N. REFER TO ROOF PLAN AND MECHANICAL, ELECTRICAL, PLUMBING, TECHNOLOGY AND ANY OTHER DISCIPLINES' DRAWINGS FOR ADDITIONAL REQUIRED DEMOLITION NOT SPECIFICALLY COVERED BY ARCHITECTURAL DEMOLITION PLANS, ESPECIALLY WORK RELATED TO MODIFICATIONS TO EXISTING H.V.A.C. SYSTEMS.
- O. DEMOLITION, AS NOTED, CONSISTS OF COMPLETE REMOVAL OF THE LISTED ITEMS, RELATED FASTENERS, AND ATTACHMENT MATERIALS LEAVING A CLEAN SURFACE READY TO RECEIVE NOTED MATERIALS OR SCHEDULED FINISHES.
- P. UNLESS NOTED OTHERWISE, OR OWNER EXPRESSES A DESIRE TO RETAIN DEMOLISHED ITEMS BEFORE THEY ARE REMOVED FROM THE SITE, ALL DEMOLISHED MATERIALS NOT RETAINED BY OWNER SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT CONTRACTOR'S SOLE EXPENSE. DISPOSAL SHALL COMPLY WITH ALL CODES AND LAWS, INCLUDING LOCAL, STATE AND FEDERAL LAWS. DURING DEMOLITION, CONTRACTOR SHALL CAREFULLY REMOVE ANY ITEMS FROM THE EXISTING CONSTRUCTION THAT THE OWNER HAS EXPRESSED A DESIRE TO RETAIN AND, IF NECESSARY, TEMPORARILY PROTECT AND STORE THE ITEMS AT THE SITE. THE OWNER MAY REMOVE RETAINED ITEMS FROM THE SITE OR AS A PART OF THIS CONTRACT AND AT NO ADDITIONAL COST. IF REQUESTED BY OWNER, THE CONTRACTOR SHALL DELIVER OWNER-RETAINED ITEMS TO A LOCAL LOCATION SELECTED BY THE OWNER AND OFFLOAD AND PLACE THE ITEMS FOR STORAGE AS DIRECTED BY THE OWNER.
- Q. DEMOLITION SHALL FOLLOW THE CONSTRUCTION SCHEDULE PROVIDED IN THE SPECIFICATIONS.
- R. CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO SEPARATE STUDENTS, SCHOOL STAFF, AND VISITORS FROM DEMOLITION, AND CONSTRUCTION EFFORTS, ACTIVITIES, AND WORK, AS MAY BE NECESSARY TO PROTECT THEIR HEALTH AND SAFETY.
- S. ADDITIONAL MATERIALS, WHERE CONSTRUCTION ADJONIS EXISTING, EVEN THOUGH IT MAY NOT BE SPECIFICALLY IDENTIFIED IN THE DEMOLITION PLANS, WILL BE REMOVED AS REQUIRED TO COMPLETE THE CONSTRUCTION. THESE MATERIALS TYPICALLY INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, MATERIALS PROJECTING BEYOND THE FACE OF THE WALL, SUCH AS BRICK SILLS AND ROOF FLASHINGS, GUTTERS, AND TRIMS. REFER TO WALL SECTIONS FOR SPECIFIC CONDITIONS.
- T. INVESTIGATE EXISTING CONSTRUCTION SUBJECT TO DEMOLITION TO DETERMINE IF IT IS INTENDED AS STRUCTURE-BEARING. COORDINATE WITH CONSTRUCTION SEQUENCE AND PROVIDE SHORING AND ANY OTHER TEMPORARY SUPPORT FOR ANY FEATURES CARRYING STRUCTURAL LOAD TO PREVENT ANY CHANGE IN STRUCTURAL INTEGRITY UNTIL NEW OR REPLACEMENT STRUCTURAL SUPPORT IS IN PLACE.
- U. REFER TO TECHNOLOGY SHEETS FOR DEMOLITION OF TECHNOLOGY AND TECHNOLOGY-RELATED ITEMS.

DEMOLITION GENERAL NOTES

--- EXISTING PARTITION TO BE REMOVED, INCLUDING BASE, DOORS, WINDOWS, OUTLETS, DEVICES, SWITCHES, CHALKBOARD BOARDS, POWER POLES, WALL CAPS AND ANY ITEM ATTACHED TO OR ASSOCIATED WITH THE PARTITION. CONTRACTOR WILL VERIFY ELECTRICAL, MECHANICAL & PLUMBING IN EXISTING WALLS & TERMINATE OR RELOCATE AS REQUIRED FOR CONTRACT WORK. PATCH, REPAIR & CLEAN ALL ADJACENT WALLS AND PREPARE TO RECEIVE NEW PARTITION WALLS AS SHOWN ON FLOOR PLANS.

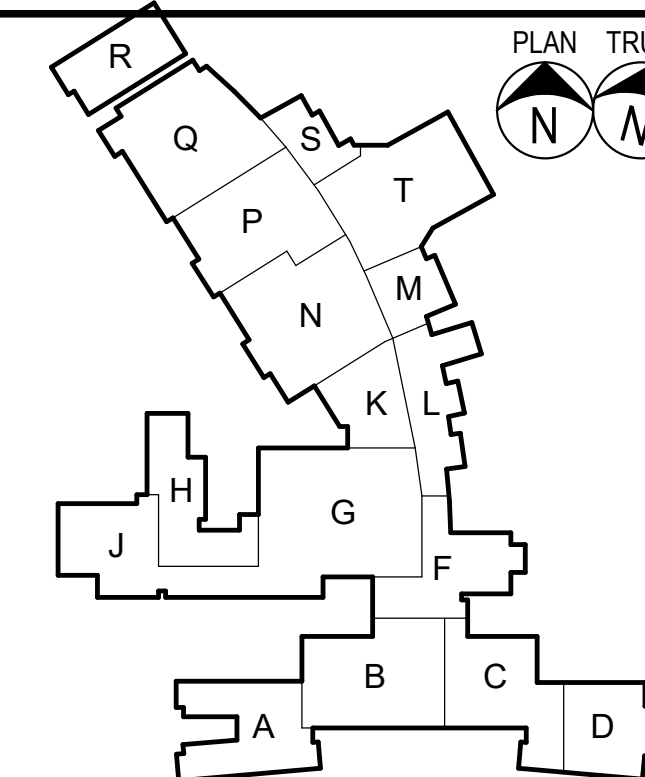
--- EXISTING DOOR, FRAME, AND HARDWARE TO BE REMOVED UNLESS OTHERWISE NOTED.

--- EXISTING ITEM TO BE REMOVED AS NOTED.

--- EXISTING WALL / PARTITION TO REMAIN.

--- EXISTING DOOR, FRAME, AND HARDWARE TO REMAIN.

DEMOLITION LEGEND

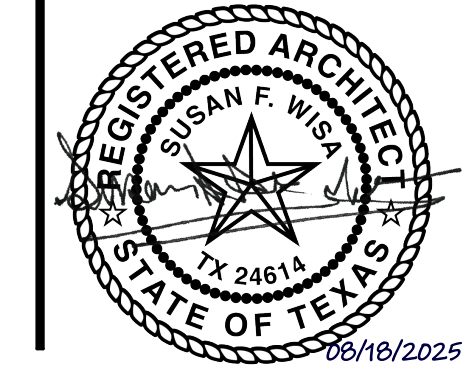


KEY PLAN

Revision /
Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



1ST FLOOR - MASTER
DEMOLITION FLOOR PLAN

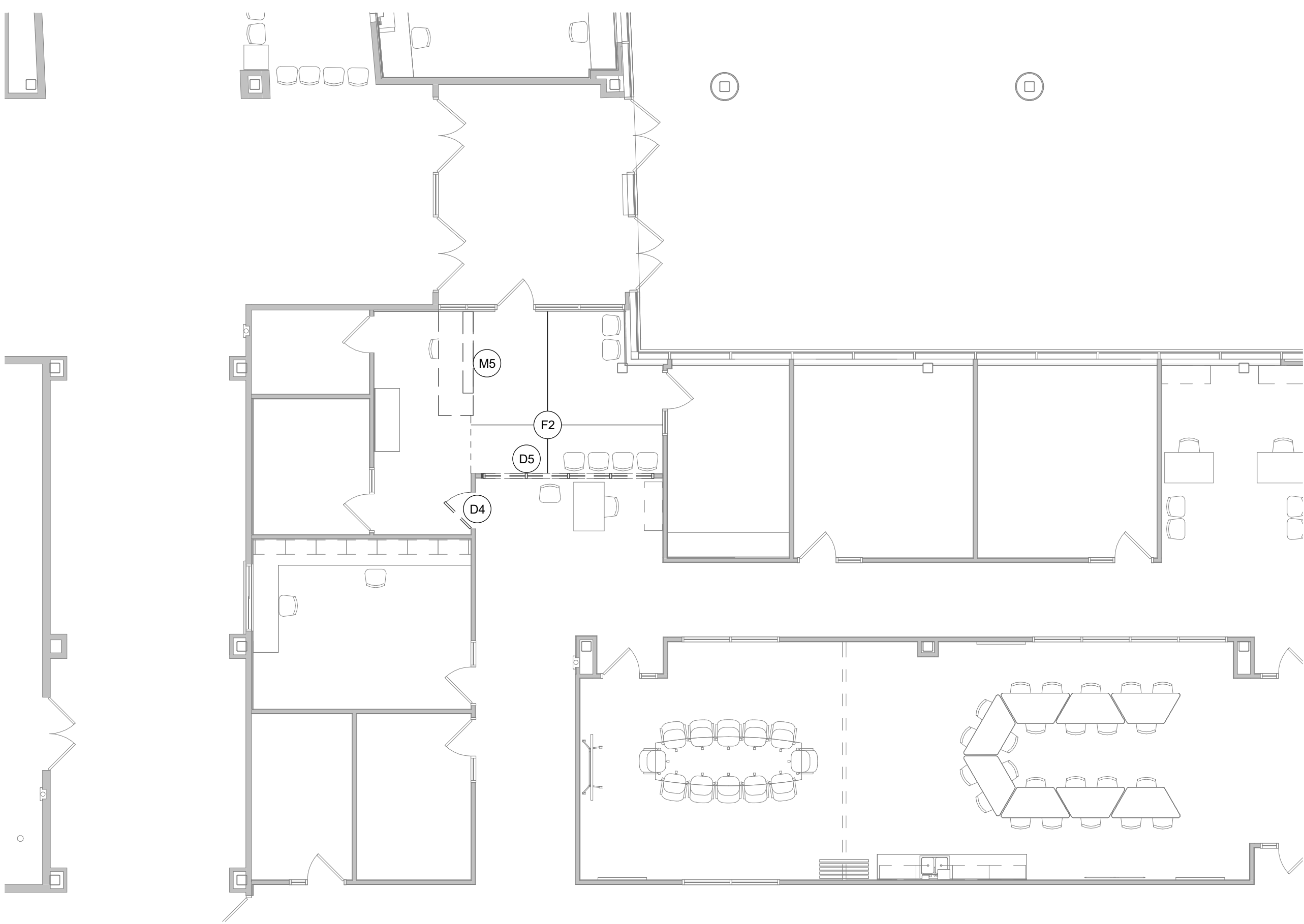
Job No.
01818-07-01

Drawn By:
PFR

Date:
06/19/2025

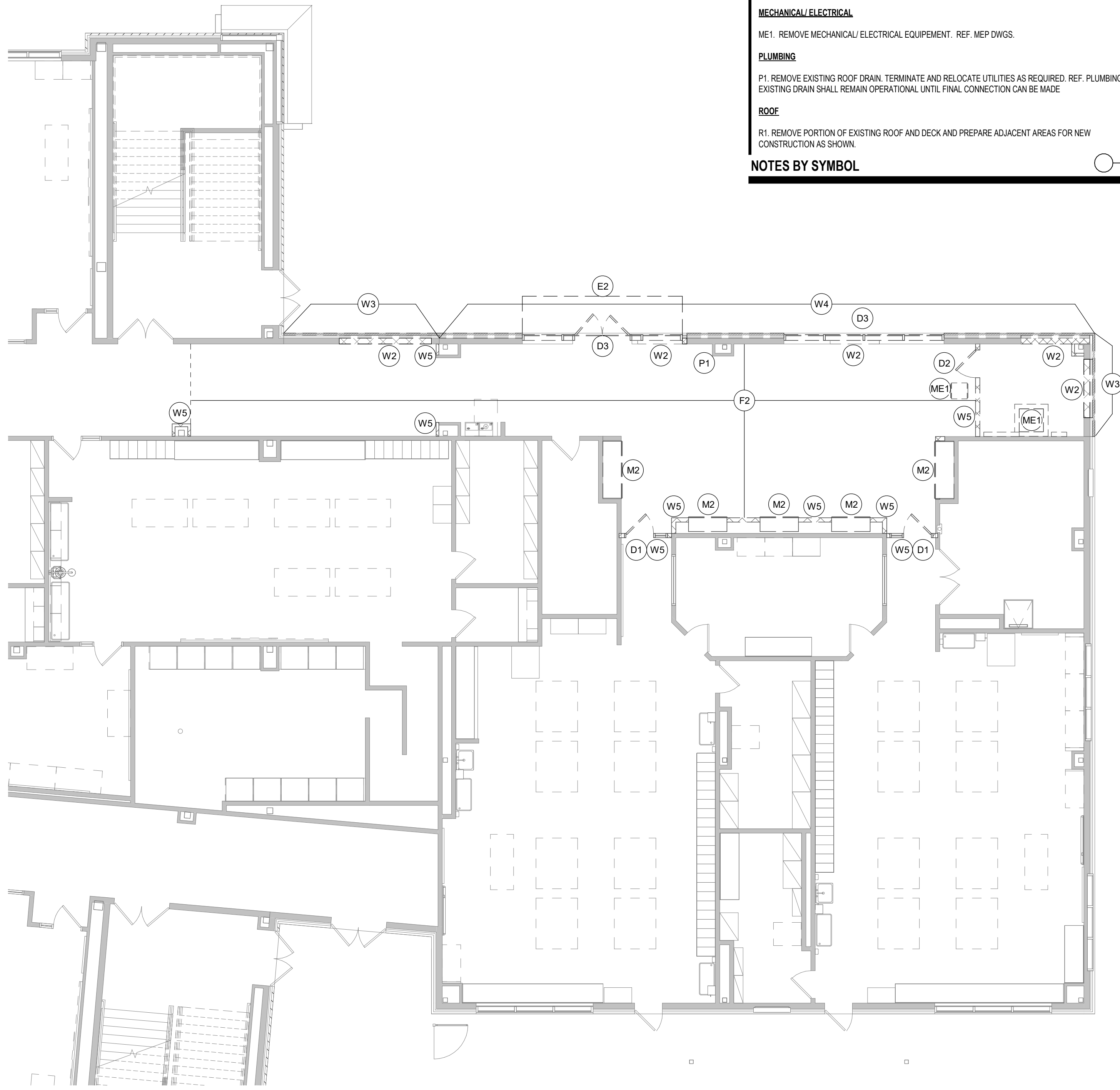
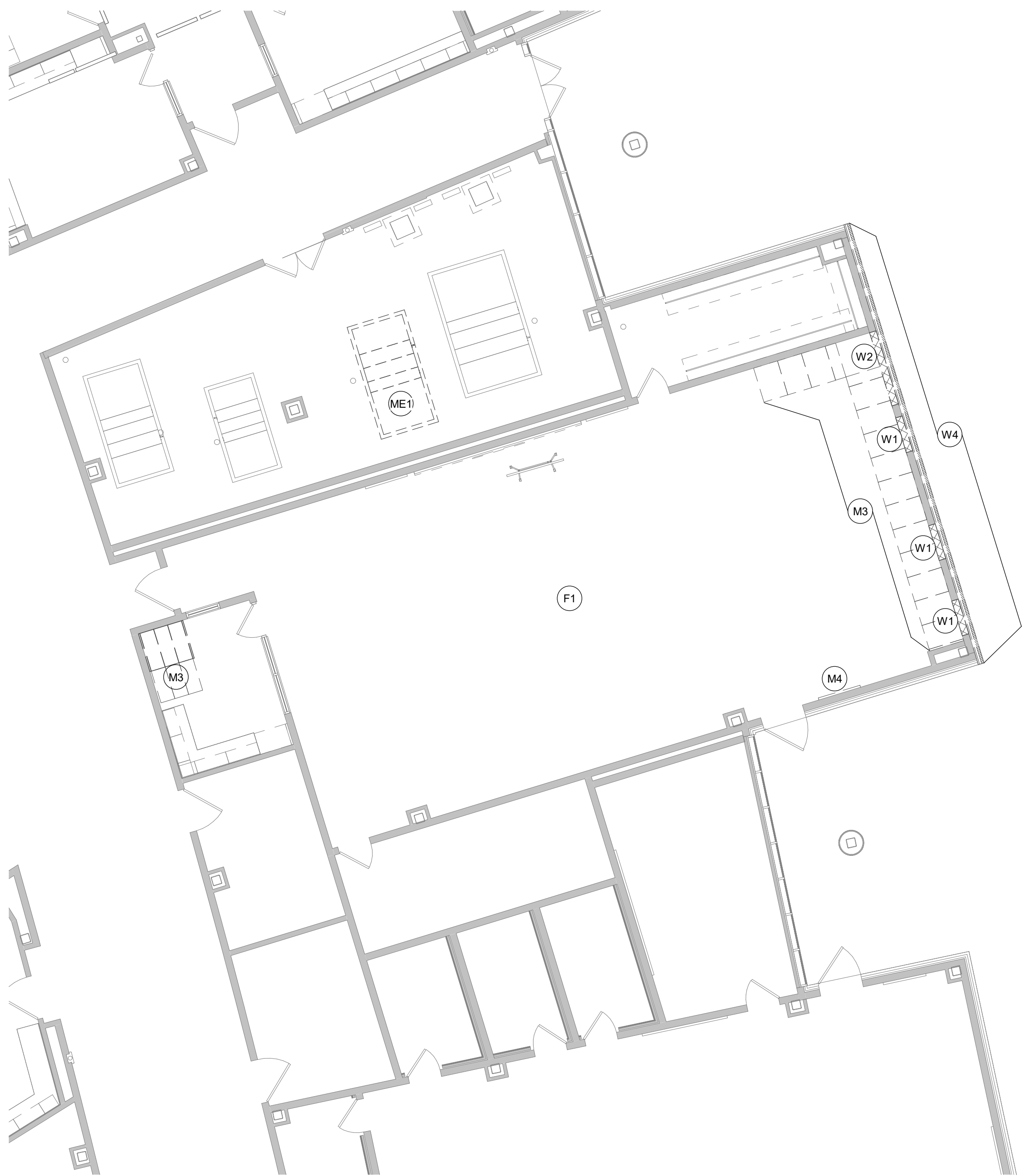
Sheet No.

AD1.01



2 AREA F1 - 1ST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

3 AREA L1 - 1ST FLOOR DEMOLITION PLAN
1/8" = 1'-0"



1 AREA E1 - 1ST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

EXTERIOR

- E1. SAW CUT & REMOVE EXISTING CONC SIDEWALK, CURB OR FLAT WORK.
E2. REMOVE EXISTING CANOPY SYSTEM, CONC. FOUNDATION, AND ASSOCIATED COMPONENTS, TRIMS, ATTACHMENTS, AND HARDWARE.

FLOORS

- F1. REMOVE EXISTING CARPETED FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULED FINISH.
F2. REMOVE EXISTING VCT FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULED FINISH.
F3. CAREFULLY REMOVE EXISTING CARPETED FLOORING & BASE DOWN TO EXISTING SUBSTRATE. PATCH AND/OR REPAIR EXISTING SUBSTRATE. APPLY LEVELING COMPOUND AS REQ'D. FOR NEW SCHEDULED FINISH. REMOVED CARPET TO BE USED AS PATCH PANELS FOR THE RECEPTION AREA.

WALLS

- W1. SHORE, BRACE, AND SAW CUT NEW OPENING INTO EXISTING WALL. PREPARE OPENING TO RECEIVE NEW LINTEL, DOOR, FRAME, AND HARDWARE AS SCHEDULED. RE. PLAN FOR NEW DIMENSIONS.
W2. SHORE, BRACE, AND SAW CUT EXISTING MASONRY WALL FOR NEW OPENING. PREPARE OPENING TO RECEIVE NEW LINTEL AND FINISHES AS SPECIFIED. RE. PLAN FOR NEW DIMENSIONS & STRUCT.
W3. REMOVE EXISTING FACE BRICK FROM WALL AS REQ'D. FOR NEW CONSTRUCTION. PATCH REPAIR. PREPARE EXISTING SUBSTRATE FOR NEW FACE BRICK. EXISTING BUILDING TO REMAIN WEATHER PROOF DURING CONSTRUCTION.
W4. REMOVE EXISTING MASONRY VENEER AND SUBSTRATE FROM EXISTING MASONRY WALL. PREPARE FOR NEW SUBSTRATE AND MASONRY AS SHOWN. EXISTING BUILDING TO REMAIN WEATHER PROOF DURING CONSTRUCTION.
W5. REMOVE EXISTING WALL PARTITION (SHOWN DASHED, TYPICAL), INCLUDING BASE, DOORS, WINDOWS, OUTLETS, EQUIPMENT, DEVICES, SWITCHES, AND ANY ITEM ATTACHED TO OR ASSOCIATED WITH THE WALL. PARTITION. CONTRACTOR SHALL VERIFY ELECTRICAL, MECHANICAL, AND PLUMBING IN EXISTING WALLS AND TERMINATE OR RELOCATE AS REQUIRED FOR CONTRACT WORK. PATCH, REPAIR, AND CLEAN ALL ADJACENT WALLS AND PREPARE TO RECEIVE NEW PARTITION WALLS AS SHOWN ON PLANS.

CEILING

- C1. CAREFULLY REMOVE EXISTING CEILING GRID, TRIM, AND TILES. EXISTING GRILLES, DIFFUSERS, LIGHTING, EQUIPMENT, DEVICES, AND ALL OTHER ITEMS OCCURRING WITHIN THE CEILING PLANE TO REMAIN. PREPARE ADJACENT WALLS TO RECEIVE NEW CEILING TILE AND GRID AS SHOWN ON REFLECTED CEILING PLANS. REINSTALL EXISTING LIGHTS, DIFFUSERS, EQUIPMENT, DEVICES AND ALL OTHER ITEMS INTO NEW CEILING. REF. MEP. EXISTING TILES: GRID ARE TO BE CAREFULLY REMOVE, STORED, AND USED AS REPLACEMENT FOR ANY EXISTING DAMAGED TILES IN SCOPE OF WORK.
C2. CAREFULLY REMOVE EXISTING LAY IN CEILING GRID, TRIM, AND TILES AS NEEDED FOR NEW CONSTRUCTION. RETAIN LIGHTS, HVAC, ETC. IN PLACE FOR REINSTALLATION OF EXISTING CEILING. USE EXISTING REMOVED TILES/ GRID FROM C1 TO REPLACE ANY DAMAGED TILES/ GRID.

DOORS & WINDOWS

- D1. REMOVE EXISTING DOOR AND/OR WINDOW, FRAME, AND HARDWARE (SHOWN DASHED, TYPICAL). PATCH, REPAIR, AND CLEAN OPENING AND PREPARE TO INFILL OPENING AS SHOWN ON FLOOR PLANS.
D2. REMOVE EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE.
D3. REMOVE EXISTING ALUM STOREFRONT SYSTEM OR CURTAIN WALL SYSTEM, GLAZING, GASKETS, HARDWARE, AND ASSOCIATED BRACING.
D4. CAREFULLY REMOVE EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE. PREP EXISTING WALL TO RECEIVE NEW CASSED OPENING FRAME. PATCH REPAIR FINISH EXISTING WALL TO MATCH EXISTING FINISHES.
D5. REMOVE EXISTING WINDOW. INFILL OPENING W/ SIMILAR METAL FRAMING AND GYP. BD. AND FINISH PER FINISH SCHEDULE.

MISCELLANEOUS

- M1. REMOVE AND DISPOSE OF EXISTING CASEWORK AND ACCESSORIES.
M2. REMOVE EXISTING DISPLAY CASES IN THEIR ENTIRETY.
M3. CAREFULLY REMOVE/ STORE/ REINSTALL EXISTING MUSIC CABINETS. PROVIDE NEW END PANELS PER PLANS.
M4. CAREFULLY REMOVE/ STORE/ REINSTALL EXISTING TACK BOARD. COORDINATE NEW LOCATION W/ OWNER.
M5. CAREFULLY REMOVE EXISTING COUNTERTOP. BASE CABINETS TO REMAIN. ONE BASE CABINET TO BE MOVED TO CREATE A NEW KNEESPACE PER THE ELEVATIONS. PREP EXISTING FOR NEW COUNTERTOPS AND PANELS.

MECHANICAL/ELECTRICAL

- ME1. REMOVE MECHANICAL/ELECTRICAL EQUIPMENT. REF. MEP DWGS.

PLUMBING

- P1. REMOVE EXISTING ROOF DRAIN. TERMINATE AND RELOCATE UTILITIES AS REQUIRED. REF. PLUMBING. EXISTING DRAIN SHALL REMAIN OPERATIONAL UNTIL FINAL CONNECTION CAN BE MADE.

ROOF

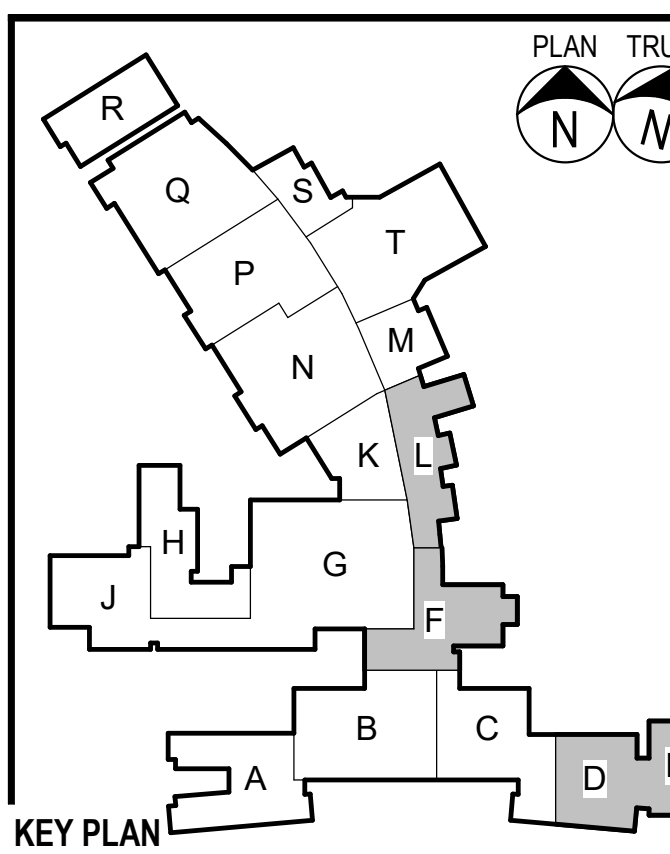
- R1. REMOVE PORTION OF EXISTING ROOF AND DECK AND PREPARE ADJACENT AREAS FOR NEW CONSTRUCTION AS SHOWN.

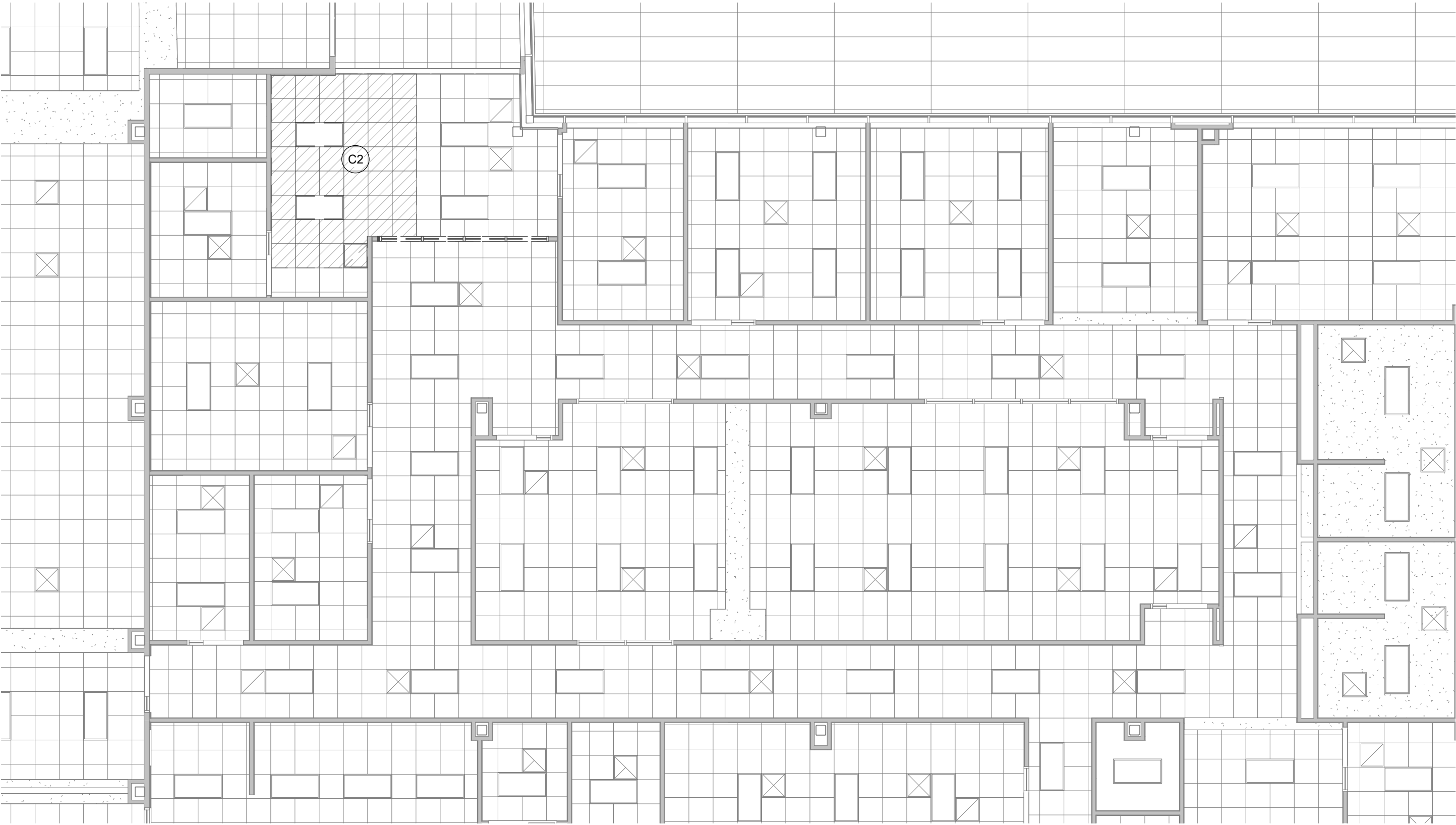
NOTES BY SYMBOL

- A. BIDDERS SHALL VISIT SITE AND BE FAMILIAR WITH EXISTING CONDITIONS, INCLUDING BUT NOT LIMITED TO EXISTING DIMENSIONS, EQUIPMENT, LOCATIONS, SIZES, QUANTITIES, AND MATERIALS.
B. EXISTING ELECTRICAL POWER SERVING THE EXISTING FACILITY SHALL REMAIN ON LINE. DISRUPTIONS REQUIRED FOR CONSTRUCTION TO BE COORDINATED WITH THE OWNER REPRESENTATIVE ASSIGNED TO THIS SPECIFIC PROJECT.
C. EXISTING DRAIN LINES SERVING THE EXISTING FACILITY SHALL REMAIN FUNCTIONAL. ANY DISRUPTIONS REQUIRED FOR NEW TIE-INS DURING CONSTRUCTION MUST BE COORDINATED WITH THE OWNER REPRESENTATIVE ASSIGNED TO THIS SPECIFIC PROJECT.
D. CONTRACTOR SHALL COORDINATE EXACT SIZES AND LOCATIONS FOR MECHANICAL, PLUMBING, ELECTRICAL, AND TECHNOLOGY PENETRATIONS REQUIRED FOR NEW WORK WITH EACH RESPECTIVE TRADE.
E. CONTRACTOR SHALL KEEP OPENINGS TO THE EXTERIOR TEMPORARILY COVERED FOR PROTECTION FROM WATER.
F. CONTRACTOR SHALL KEEP OPENINGS TEMPORARILY COVERED FOR PEDESTRIAN SAFETY.
G. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY SHORING AND BRACING REQUIRED FOR DEMOLITION.
H. REFER TO MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING SHEETS FOR ADDITIONAL PENETRATIONS AND OTHER RELATED DEMOLITION OR EQUIPMENT REMOVAL.
I. EXISTING CONSTRUCTION IS SHOWN BASED ON OWNER FURNISHED PLANS. OWNER FURNISHED SURVEYS, AND ONSITE OBSERVATIONS. DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL FIELD CONDITIONS WILL BE REPORTED TO THE ARCHITECT/ENGINEER/PROJECT MANAGER AND ANY ADDITIONAL DIRECTION, IF NECESSARY, SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
J. EXISTING CONSTRUCTION ADJACENT TO DEMOLITION WORK WILL BE PATCHED AND REPAIRED TO MATCH ORIGINAL CONDITION.
K. DEMOLITION WORK TIMES SHALL BE COORDINATED WITH THE OWNER REPRESENTATIVE ASSIGNED TO THIS SPECIFIC PROJECT.
L. THIS EXISTING FACILITY SHALL REMAIN FUNCTIONAL DURING THE COURSE OF THE DEMOLITION WORK. CONTRACTOR WILL MAINTAIN DUST BARRIERS, BARRICADES, PEDESTRIAN PROTECTION, WATER PROTECTION, AND SAFETY DEVICES IN PLACE AT ALL TIMES DURING AND AFTER DEMOLITION UNTIL NEW WORK IS INSTALLED AND ACCEPTED BY OWNER.
M. CONTRACTOR SHALL MAINTAIN SITE DRAINAGE DEVICES AND COMPONENTS DURING THE COURSE OF DEMOLITION AND UP UNTIL NEW WORK IS IN PLACE AND ACCEPTED BY OWNER. THIS INCLUDES, BUT IS NOT LIMITED TO, EXISTING SUB-SURFACE DRAINAGE.
N. REFER TO ROOF PLAN AND MECHANICAL, ELECTRICAL, PLUMBING, TECHNOLOGY AND ANY OTHER DISCIPLINES' DRAWINGS FOR ADDITIONAL REQUIRED DEMOLITION NOT SPECIFICALLY COVERED BY ARCHITECTURAL DEMOLITION PLANS, ESPECIALLY WORK RELATED TO MODIFICATIONS TO EXISTING H.V.A.C. SYSTEMS.
O. DEMOLITION, AS NOTED, CONSISTS OF COMPLETE REMOVAL OF THE LISTED ITEMS, RELATED FASTENERS, AND ATTACHMENT MATERIALS LEAVING A CLEAN SURFACE READY TO RECEIVE NOTED MATERIALS OR SCHEDULED FINISHES.
P. UNLESS NOTED OTHERWISE, OR OWNER EXPRESSES A DESIRE TO RETAIN DEMOLISHED ITEMS BEFORE THEY ARE REMOVED FROM THE SITE, ALL DEMOLISHED MATERIALS NOT RETAINED BY OWNER SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT CONTRACTOR'S SOLE EXPENSE. DISPOSAL SHALL COMPLY WITH ALL CODES AND LAWS, INCLUDING LOCAL, STATE AND FEDERAL LAWS. DURING DEMOLITION, CONTRACTOR SHALL CAREFULLY REMOVE ANY ITEMS FROM THE EXISTING CONSTRUCTION THAT THE OWNER HAS EXPRESSED A DESIRE TO RETAIN AND, IF NECESSARY, TEMPORARILY PROTECT AND STORE THE ITEMS AT THE SITE. THE OWNER MAY REMOVE RETAINED ITEMS FROM THE SITE OR, AS A PART OF THIS CONTRACT AND AT NO ADDITIONAL COST, IF REQUESTED BY OWNER, THE CONTRACTOR SHALL DELIVER OWNER RETAINED ITEMS TO A LOCAL LOCATION SELECTED BY THE OWNER AND OFFLOAD AND PLACE THE ITEMS FOR STORAGE AS DIRECTED BY THE OWNER.
Q. DEMOLITION SHALL FOLLOW THE CONSTRUCTION SCHEDULE PROVIDED IN THE SPECIFICATIONS.
R. CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO SEPARATE STUDENTS, SCHOOL STAFF, AND VISITORS FROM DEMOLITION, AND CONSTRUCTION EFFORTS, ACTIVITIES, AND WORK, AS MAY BE NECESSARY TO PROTECT THEIR HEALTH AND SAFETY.
S. ADDITIONAL MATERIALS, WHERE CONSTRUCTION ADJOINS EXISTING, EVEN THOUGH IT MAY NOT BE SPECIFICALLY IDENTIFIED IN THE DEMOLITION PLANS, WILL BE REMOVED AS REQUIRED TO COMPLETE THE CONSTRUCTION. THESE MATERIALS TYPICALLY INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, MATERIALS PROJECTING BEYOND THE FACE OF THE WALL, SUCH AS BRICK SILLS AND ROOF FLASHINGS, GUTTERS, AND TRIMS. REFER TO WALL SECTIONS FOR SPECIFIC CONDITIONS.
T. INVESTIGATE EXISTING CONSTRUCTION SUBJECT TO DEMOLITION TO DETERMINE IF IT IS INTENDED AS STRUCTURE BEARING. COORDINATE WITH CONSTRUCTION SEQUENCE AND PROVIDE SHORING AND ANY OTHER TEMPORARY SUPPORT FOR ANY FEATURES CARRYING STRUCTURAL LOAD TO PREVENT ANY CHANGE IN STRUCTURAL INTEGRITY UNTIL NEW OR REPLACEMENT STRUCTURAL SUPPORT IS IN PLACE.
U. REFER TO TECHNOLOGY SHEETS FOR DEMOLITION OF TECHNOLOGY AND TECHNOLOGY-RELATED ITEMS.

DEMOLITION GENERAL NOTES

- == == EXISTING PARTITION TO BE REMOVED, INCLUDING BASE, DOORS, WINDOWS, OUTLETS, DEVICES, SWITCHES, CHALKBOARD, POWER POLES, WALL CAPS AND ANY ITEM ATTACHED TO OR ASSOCIATED WITH THE PARTITION. CONTRACTOR WILL VERIFY ELECTRICAL, MECHANICAL & PLUMBING IN EXISTING WALLS & TERMINATE OR RELOCATE AS REQUIRED FOR CONTRACT WORK. PATCH, REPAIR & CLEAN ALL ADJACENT WALLS AND PREPARE TO RECEIVE NEW PARTITION WALLS AS SHOWN ON FLOOR PLANS.
- - - EXISTING DOOR, FRAME, AND HARDWARE TO BE REMOVED UNLESS OTHERWISE NOTED.
- - - EXISTING ITEM TO BE REMOVED AS NOTED.
- - - EXISTING WALL / PARTITION TO REMAIN.
- - - EXISTING DOOR, FRAME, AND HARDWARE TO REMAIN.

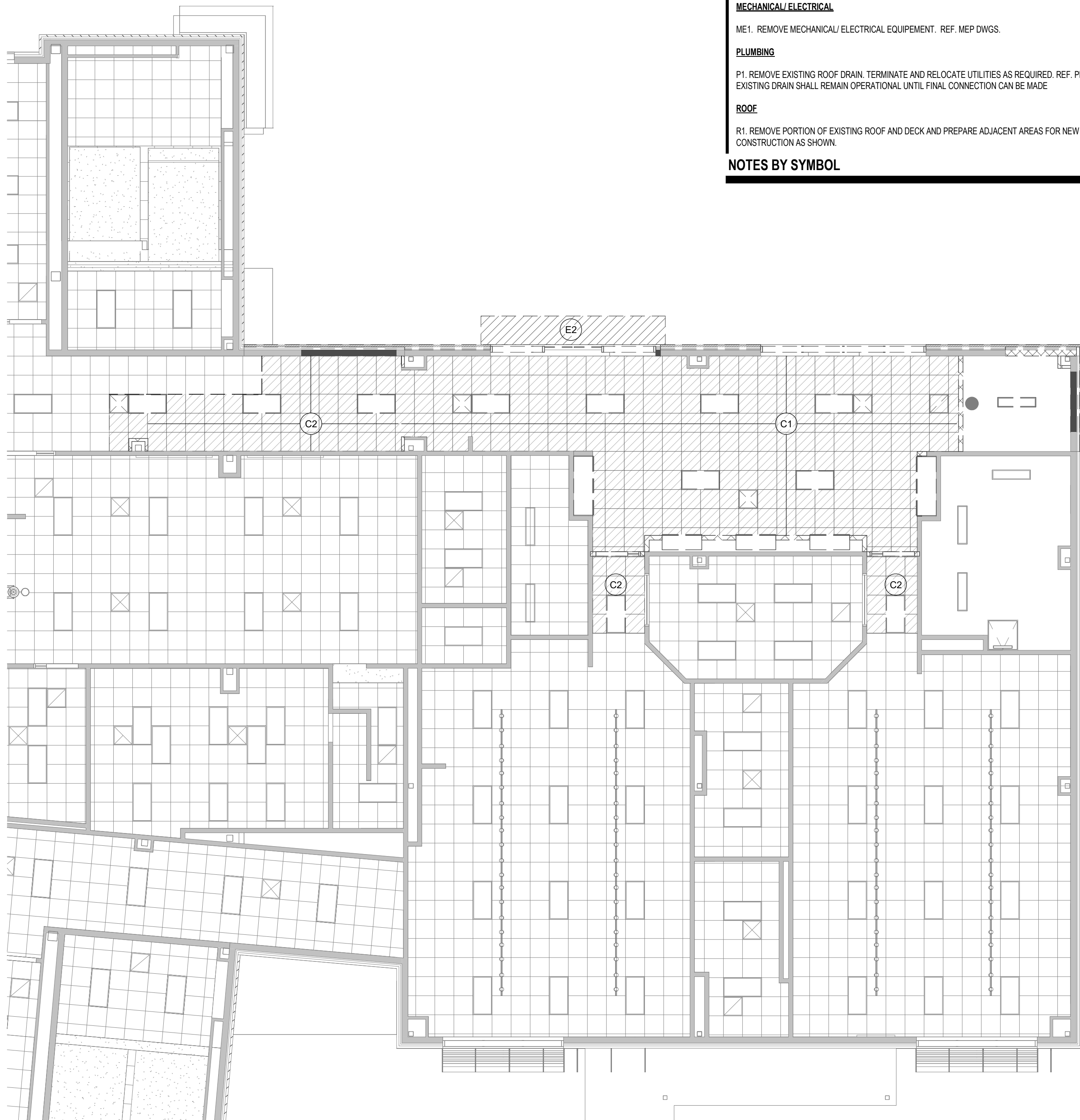
DEMOLITION LEGEND



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ROOF

- R1. REMOVE PORTION OF EXISTING ROOF AND DECK AND PREPARE ADJACENT AREAS FOR NEW CONSTRUCTION AS SHOWN.

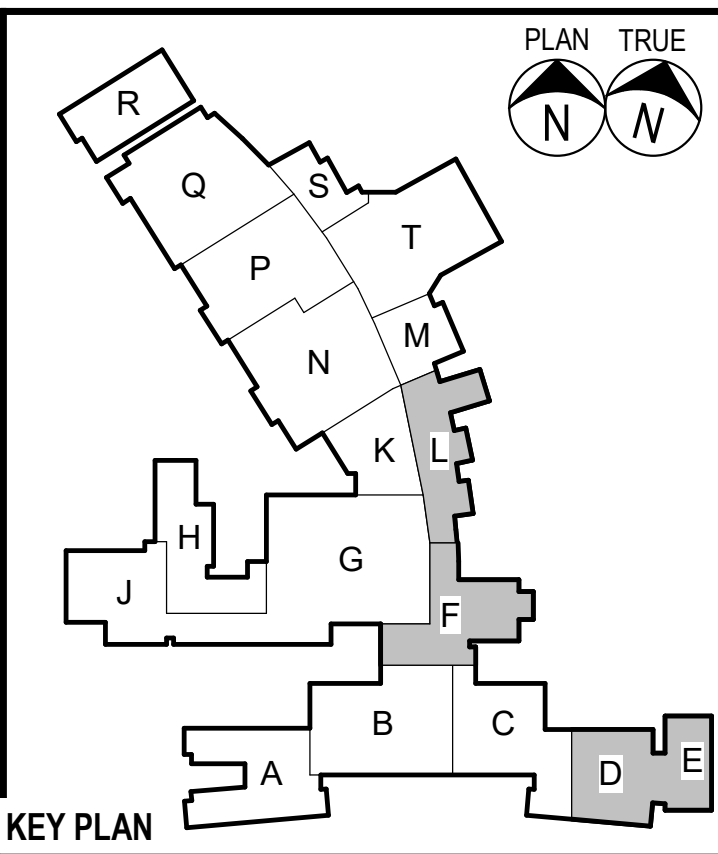
NOTES BY SYMBOL

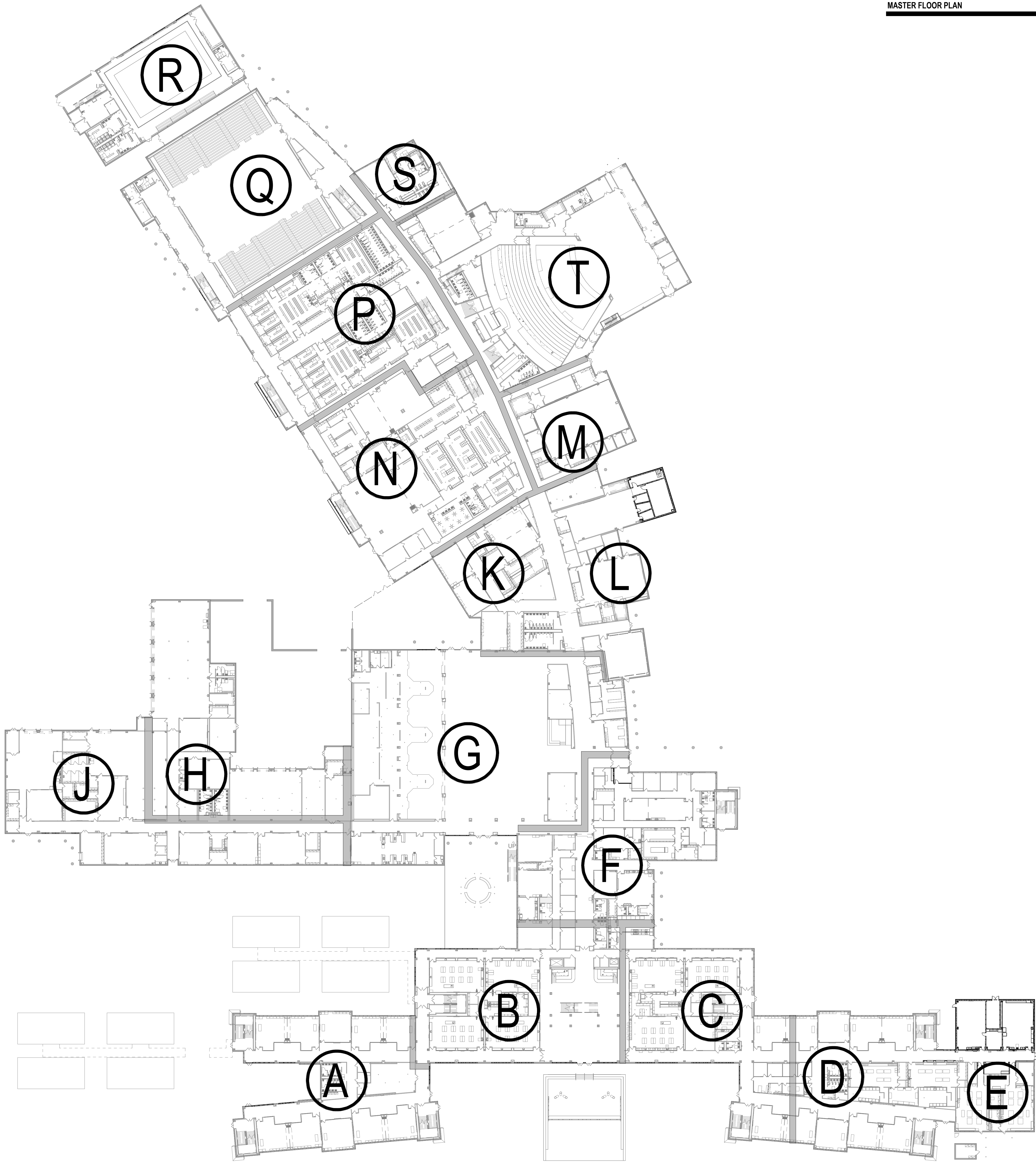
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- T. INVESTIGATE EXISTING CONSTRUCTION SUBJECT TO DEMOLITION TO DETERMINE IF IT IS INTENDED AS STRUCTURE-BEARING. COORDINATE WITH CONSTRUCTION SEQUENCE AND PROVIDE SHORING AND ANY OTHER TEMPORARY SUPPORT FOR ANY FEATURES CARRYING STRUCTURAL LOAD TO PREVENT ANY CHANGE IN STRUCTURAL INTEGRITY UNTIL NEW OR REPLACEMENT STRUCTURAL SUPPORT IS IN PLACE.
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- EXISTING DOOR, FRAME, AND HARDWARE TO REMAIN.

DEMOLITION LEGEND





THE MASTER FLOOR PLAN SHOWS THE OVERALL BUILDING CONFIGURATION AND THE RELATIONSHIP OF THE PLAN AREAS WHICH FOLLOW. REFER TO LARGER SCALE FLOOR PLANS AND PLAN DETAILS FOR ADDITIONAL INFORMATION AND CONSTRUCTION REQUIREMENTS. MASTER PLAN LEGENDS ALSO APPLY TO 1/8" SCALE FLOOR PLAN AREAS.

MASTER FLOOR PLAN

1 1ST FLOOR - MASTER FLOOR PLAN
1" = 40'-0"

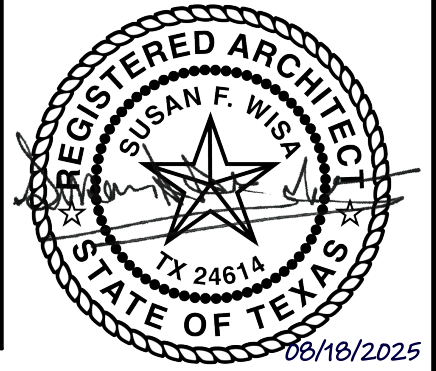


Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Huckabee
www.huckabee-inc.com
800.687.1229

1ST FLOOR - MASTER
FLOOR PLAN

Job No.

01818-07-01

Drawn By:

PR

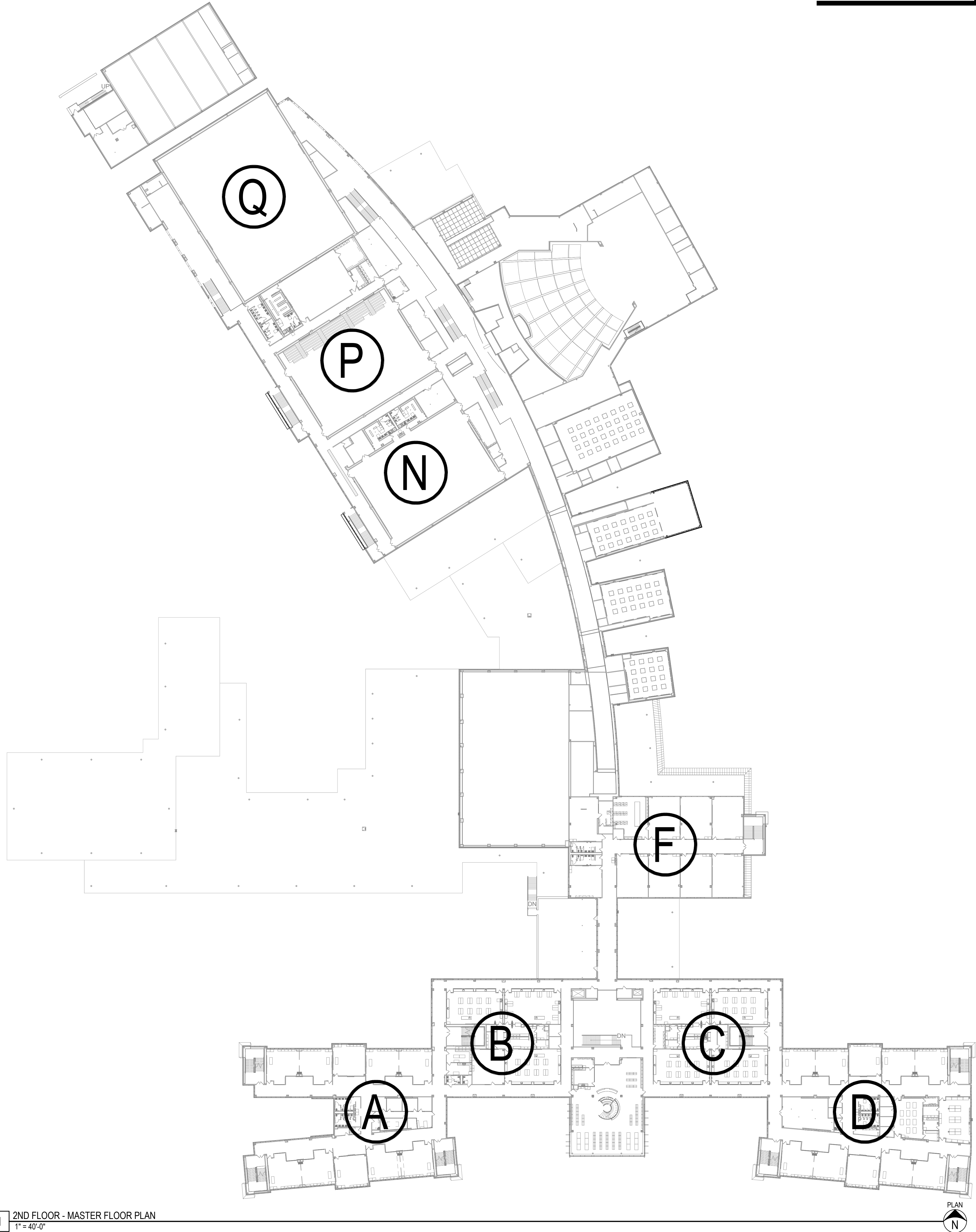
Date:

06/18/2025

Sheet No.

A0.01

1 2ND FLOOR - MASTER FLOOR PLAN
1" = 40'-0"



THE MASTER FLOOR PLAN SHOWS THE OVERALL BUILDING CONFIGURATION AND THE RELATIONSHIP OF THE PLAN AREAS WHICH FOLLOW. REFER TO LARGER SCALE FLOOR PLANS AND PLAN DETAILS FOR ADDITIONAL INFORMATION AND CONSTRUCTION REQUIREMENTS. MASTER PLAN LEGENDS ALSO APPLY TO 1/8" SCALE FLOOR PLAN AREAS.

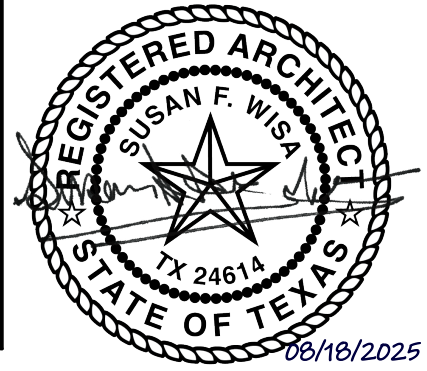
MASTER FLOOR PLAN

Revision /

Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
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2ND FLOOR - MASTER FLOOR PLAN

Job No.

01818-07-01

Drawn By:

PR

Date:

06/18/2025

Sheet No.

A0.02

THE MASTER FLOOR PLAN SHOWS THE OVERALL BUILDING CONFIGURATION AND THE RELATIONSHIP OF THE PLAN AREAS WHICH FOLLOW. REFER TO LARGER SCALE FLOOR PLANS AND PLAN DETAILS FOR ADDITIONAL INFORMATION AND CONSTRUCTION REQUIREMENTS. MASTER PLAN LEGENDS ALSO APPLY TO 1/8" SCALE FLOOR PLAN AREAS.

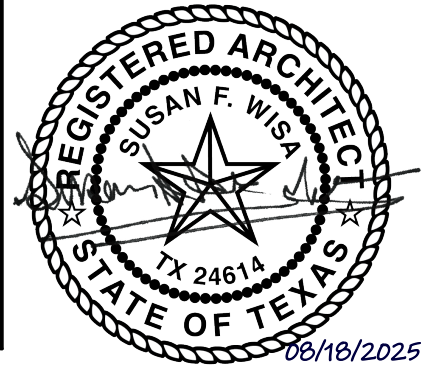
MASTER FLOOR PLAN

Date

Revision /

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3RD & 4TH FLOOR - MASTER FLOOR PLAN

Job No.

01818-07-01

Drawn By:

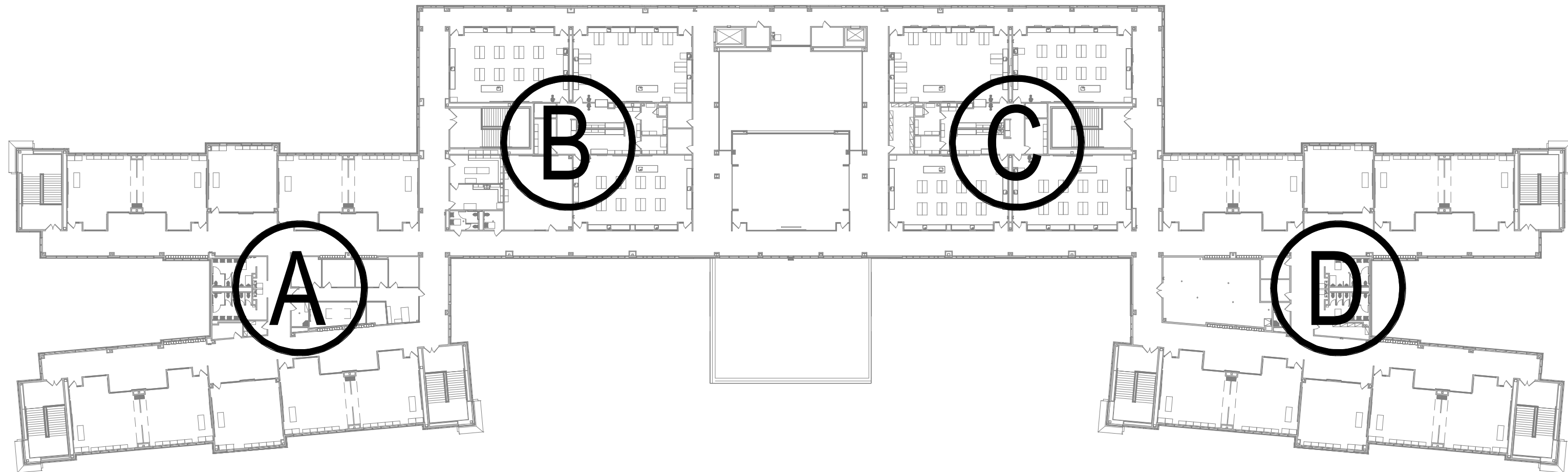
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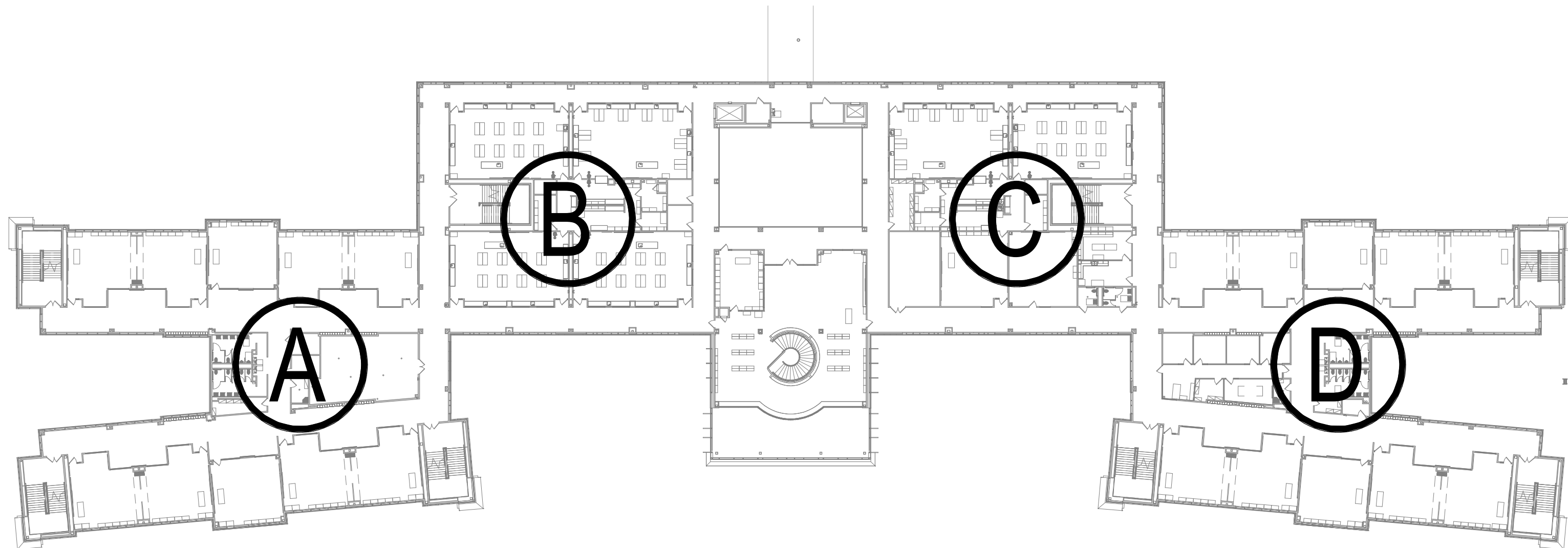
06/18/2025

Sheet No.

A0.03



2 4TH FLOOR - MASTER FLOOR PLAN
1" = 40'-0"

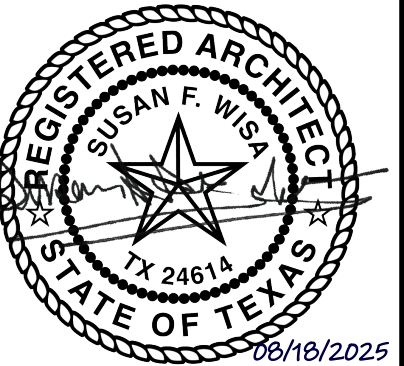


1 3RD FLOOR - MASTER FLOOR PLAN
1" = 40'-0"



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AREA A1 - 1ST FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.01
Drawn By:
PR
Date:
06/18/2025

1. THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
2. ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

GENERAL FLOOR PLAN NOTES

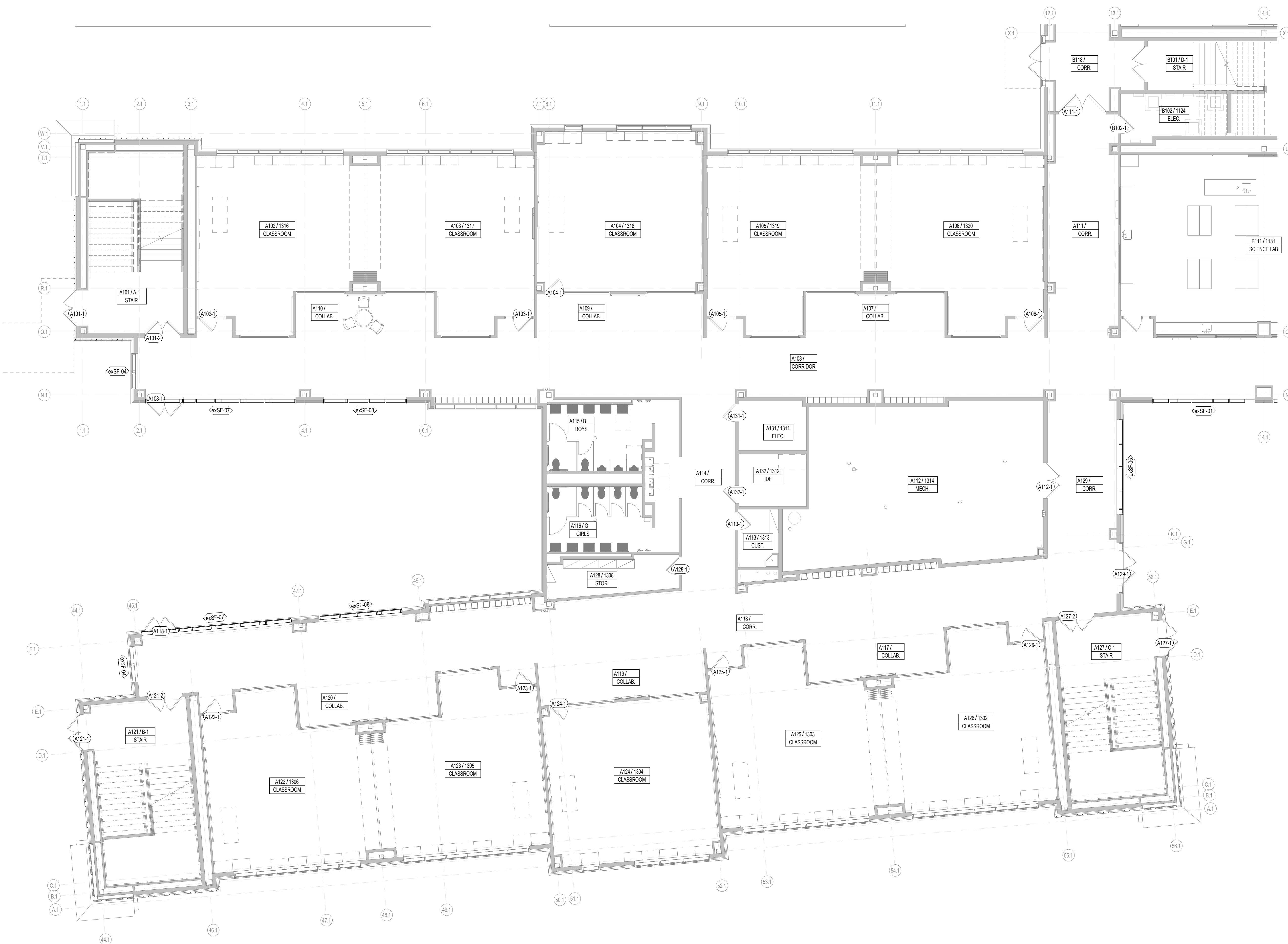
- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440. PROVIDE TYPE "N" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440. PROVIDE TYPE "N" @ KITCHEN AREAS
- MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
- TACKBOARD - REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOWSTOREFRONT CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

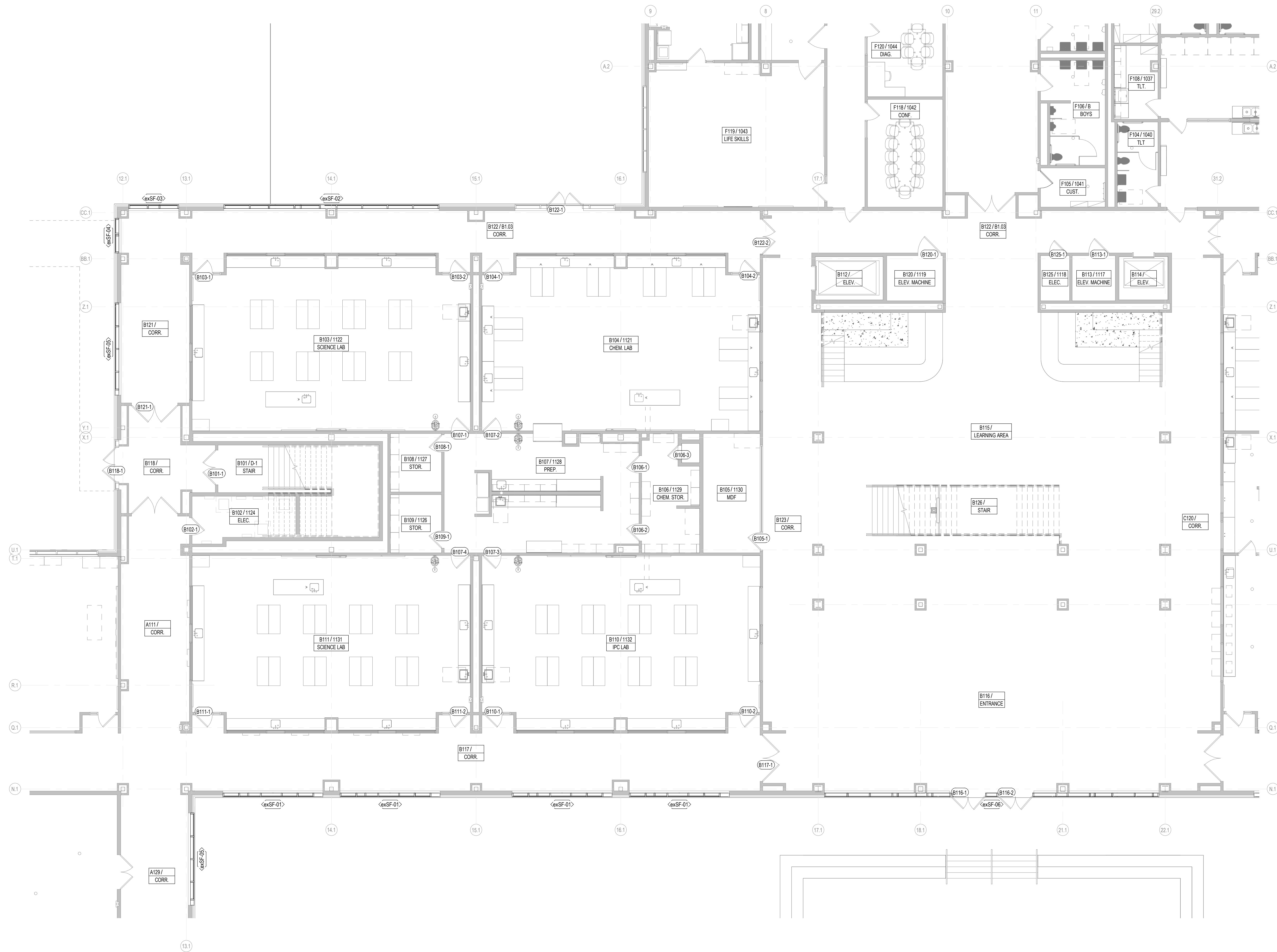
FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CMF PARTITION
- EXISTING CMF PARTITION
- PARTITION TYPE TAGS
- A3 D
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
- 4 - 3/8" CMF OR 3 1/8" CMU
- 6 - 6" CMF OR 5 5/8" CMU
- 8 - 8" CMF OR 7 5/8" CMU
- PARTITION NOTES:
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
 2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES.
 - MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
 - WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
 - ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
 3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND

- KEY PLAN
- PLAN TRUE
- N





1. THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
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3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND C.F.M.F. PARTITION REQUIREMENTS.
5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD'S, MARKER BD'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

GENERAL FLOOR PLAN NOTES

- F.E. FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440. PROVIDE TYPE "N" @ KITCHEN AREAS
 F.E.C. FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440. PROVIDE TYPE "N" @ KITCHEN AREAS
 X'M.B. MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
 X.T.B. TACKBOARD - REF. TYP. DET. ON A4 SHEETS
 1.01 DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
 S.F.A. WINDOWSTOREFRONT/CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHTS.
 1 A1.1 CALLOUT REFERENCE
 1 SIM WALL SECTION REFERENCE XX/A101
 XX' - X' ELEVATION REFERENCE
 A101 ROOM NUMBER & NAME

FLOOR PLAN LEGEND

REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.

- MASONRY VENEER
 STANDARD CMU
 C.F.M.F. PARTITION
 EXISTING C.F.M.F. PARTITION

PARTITION TYPE TAGS

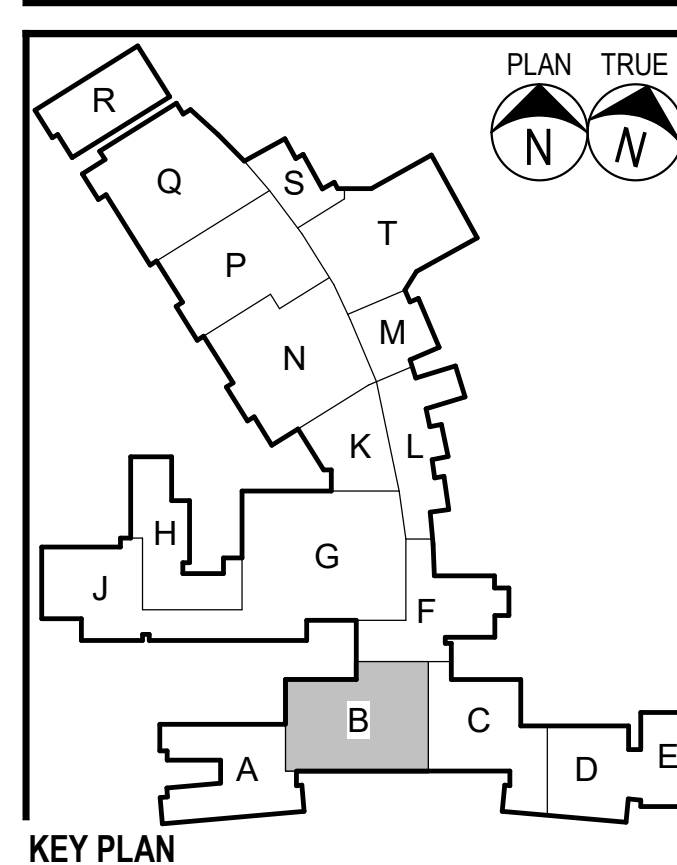
WALL ASSEMBLY IN PLAN VIEW

- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
 D WALL TO DECK / STRUCTURE
 C WALL TO 6" (MIN) ABOVE CEILING
 FR FIRE RATED WALL TO DECK
 AD ACOUSTICAL WALL TO DECK
 AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
 AR ACOUSTICAL RATED WALL TO DECK
 GD GYP WALL ABOVE TO DECK
 SR SMOKE RESISTANT PARTITION

LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
 4 - 3/8" C.F.M.F. OR 3 1/2" CMU
 6 - 6" C.F.M.F. OR 5 5/8" CMU
 8 - 8" C.F.M.F. OR 7 5/8" CMU

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 1. ALL INTERIOR WALL/PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
 2. UNTAGGED WALL/PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES:
 MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
 WALL/PARTITIONS - TYPE AB, NON-ACOUSTICAL
 COLUMN FURNISHES - TYPE AB, NON-ACOUSTICAL
 ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
 3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND



1 AREA B1 - 1ST FLOOR PLAN

SHEET SHOWN FOR DOOR AND WINDOW SCOPE ONLY

1/8" = 1'-0"

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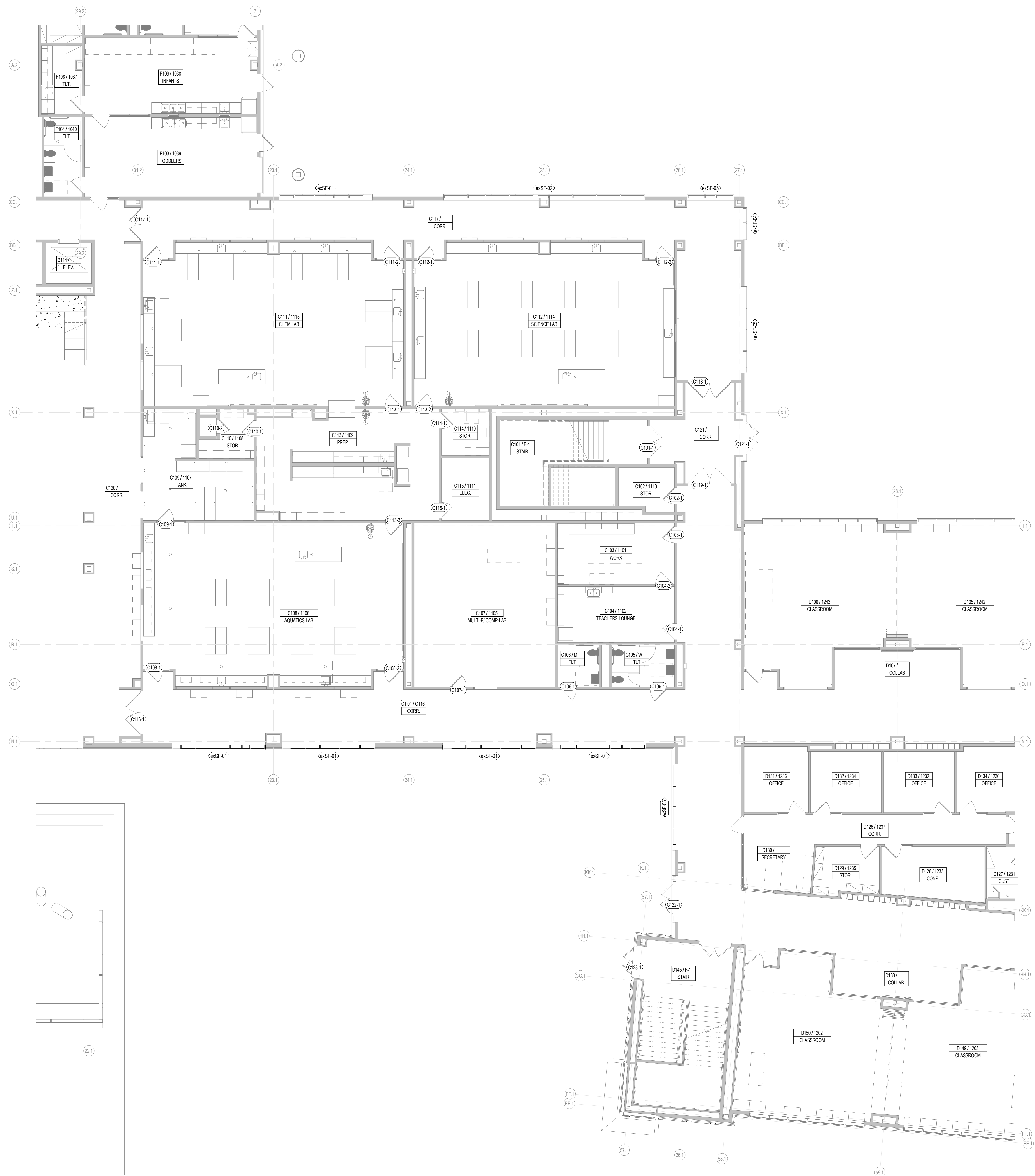
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AREA B1 - 1ST FLOOR PLAN

Job No.
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6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD'S, MARKER BD'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

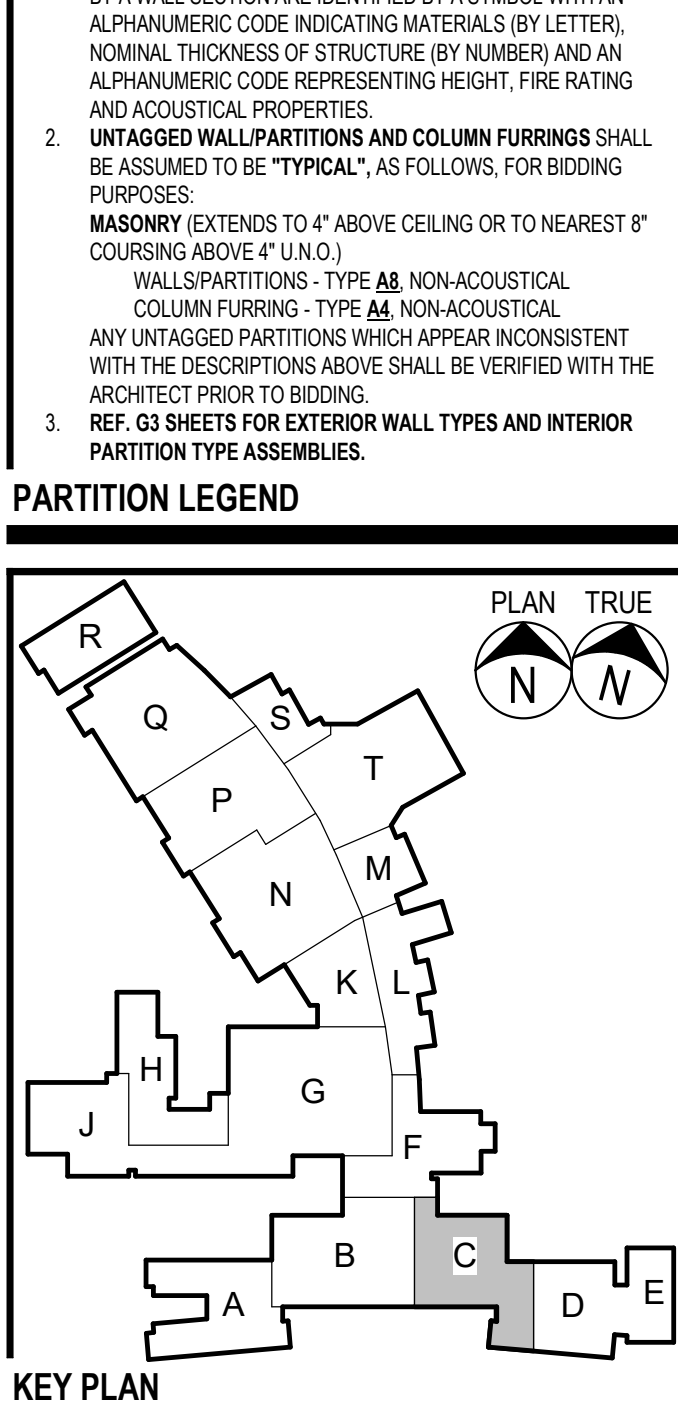
GENERAL FLOOR PLAN NOTES

- F.E. FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
 F.E.C. FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
 X" M.B. MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
 X" T.B. TACKBOARD - REF. TYP. DET. ON A4 SHEETS
 1.01 DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHITS
 SF-A WINDOWSTOREFRONT/CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHITS
 1 A1.1 CALLOUT REFERENCE
 1 SIM WALL SECTION REFERENCE XX/A101
 XX' - X" ELEVATION REFERENCE
 A101 ROOM ROOM NUMBER & NAME

FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
 MASONRY VENEER
 STANDARD CMU
 CMF PARTITION
 EXISTING CMF PARTITION
 PARTITION TYPE TAGS
 WALL ASSEMBLY IN PLAN VIEW
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 SR SMOKE RESISTANT PARTITION
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 3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND



1 AREA C1 - 1ST FLOOR PLAN
1/8" = 1'-0"

SHEET SHOWN FOR DOOR AND WINDOW SCOPE ONLY

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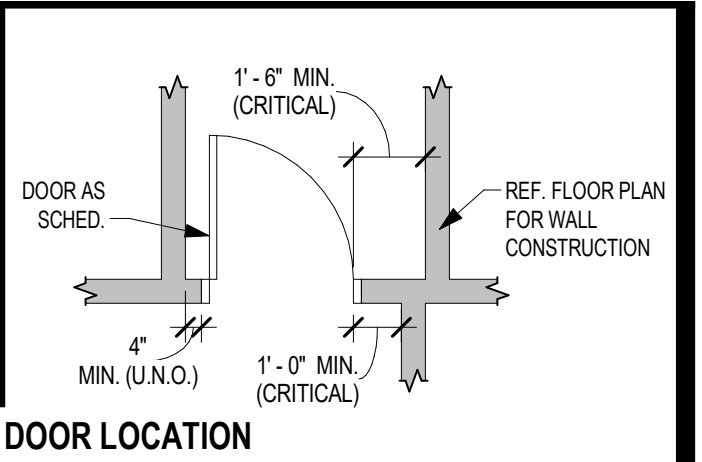
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AREA C1 - 1ST FLOOR PLAN

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- SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
- REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
- VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
- PROVIDE WD. BLOCKING IN ALL GYP. RD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD'S, MARKER BD'S, WALL STOPS & DOOR HOLDERS.
- ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
- EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

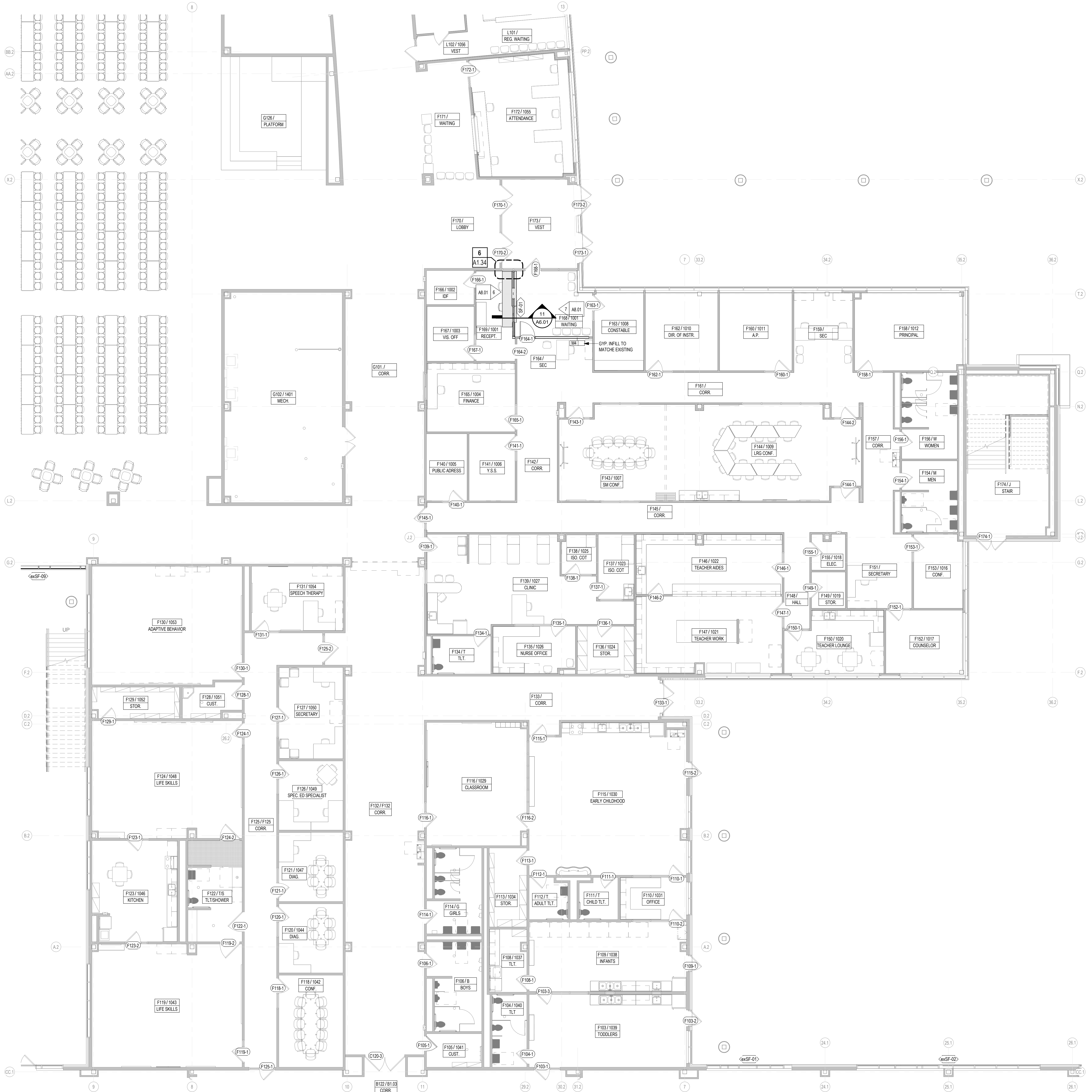
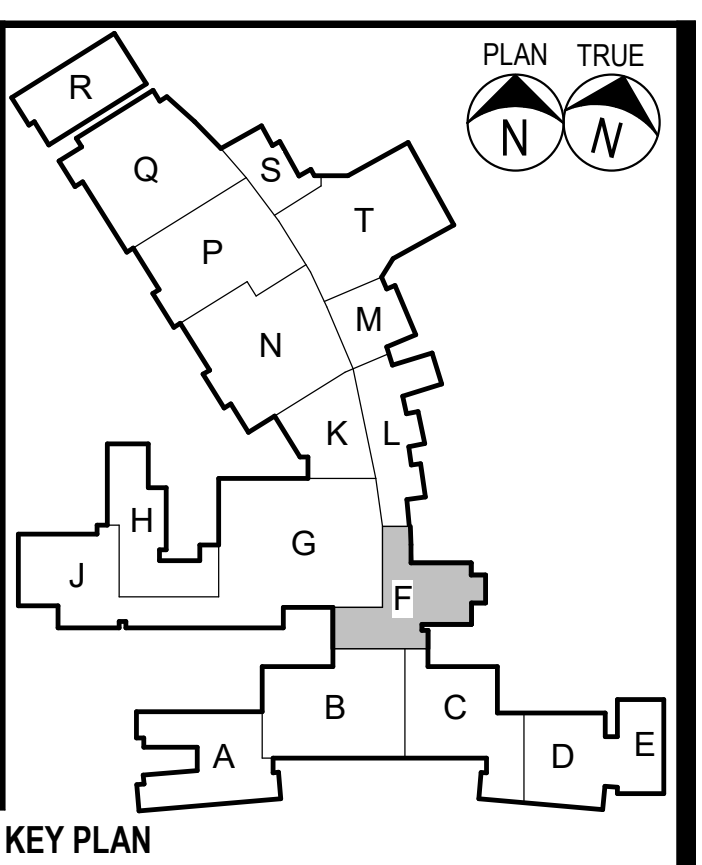
GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440; PROVIDE TYPE 'X' @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440; PROVIDE TYPE 'X' @ KITCHEN AREAS
- MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
- TACKBOARD - REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHEETS
- WINDOW/DOOR/FRONT CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHEETS
- CALLOUT REFERENCE
- WALL SECTION REFERENCE
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

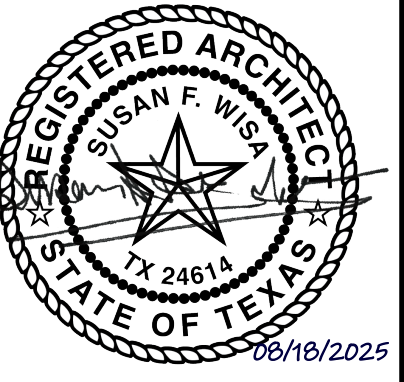
FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- C.F.M.F. PARTITION
- EXISTING C.F.M.F. PARTITION
- PARTITION TYPE TAGS
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
- 4 - 3/8" CFMF OR 3 5/8" CMU
- 6 - 6" CFMF OR 5 5/8" CMU
- 8 - 8" CFMF OR 7 5/8" CMU
- PARTITION NOTES:
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 - REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND



1 AREA F1 - 1ST FLOOR PLAN
1/8" = 1'-0"



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8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

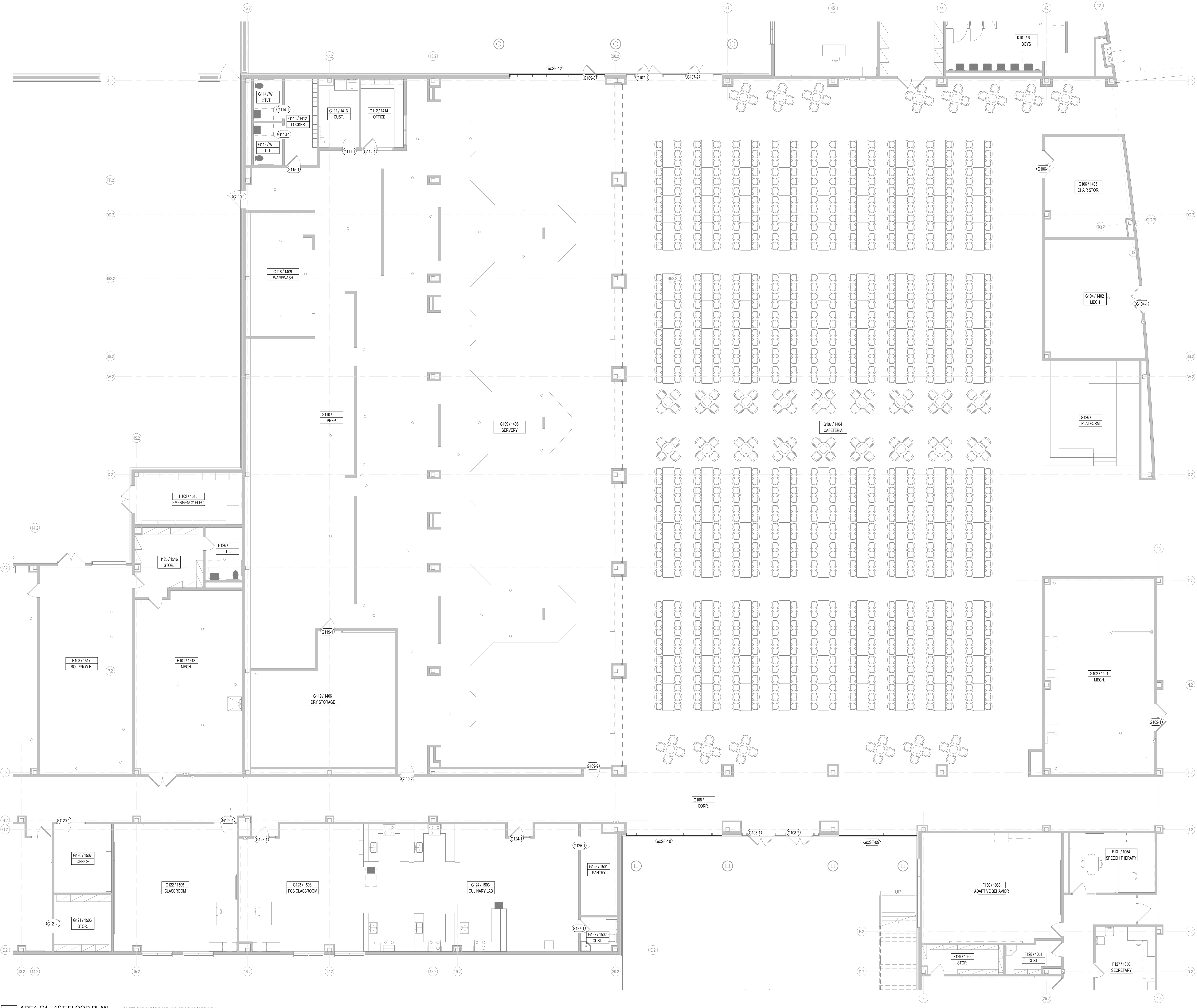
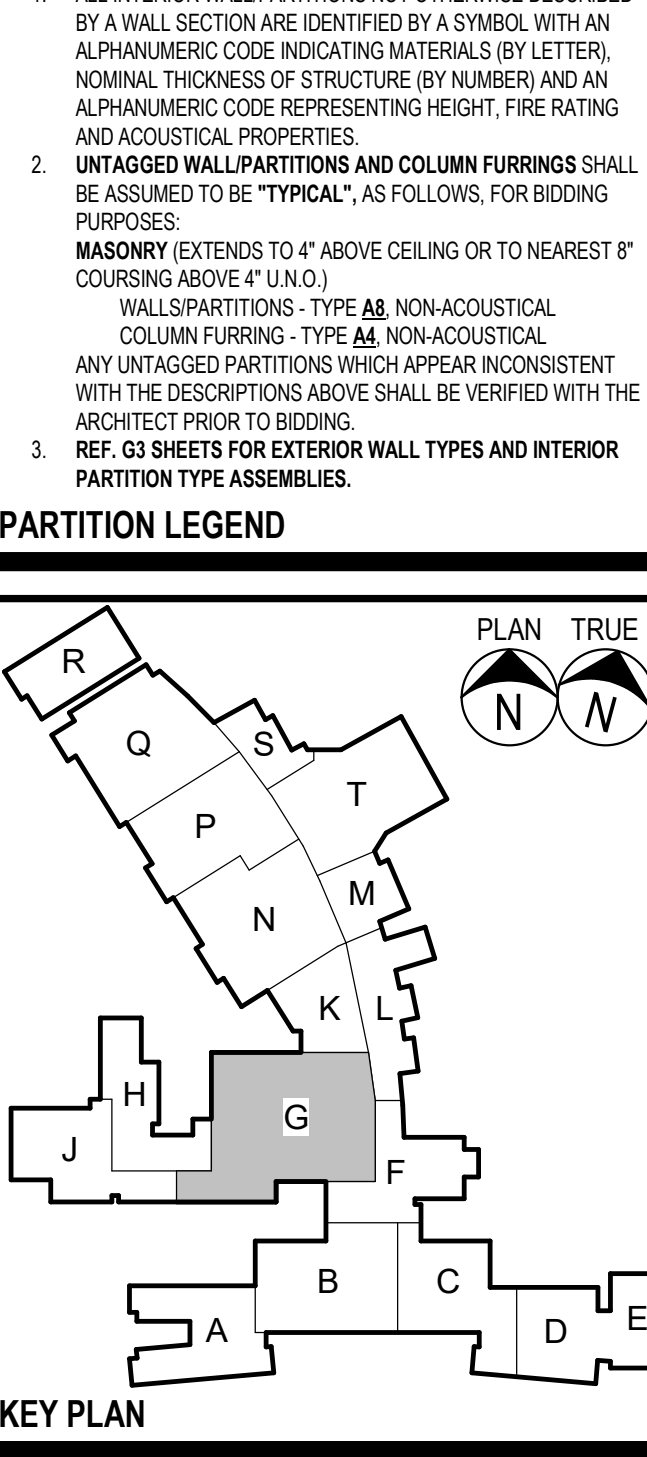
GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440. PROVIDE TYPE "M" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440. PROVIDE TYPE "W" @ KITCHEN AREAS
- MARKERBOARD
REF. TYP. DET. ON A4 SHEETS
- TACKBOARD
REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOWSTOREFRONT CURTAIN WALL ASSEMBLY
TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CMF PARTITION
- EXISTING CMF PARTITION
- PARTITION TYPE TAGS
- A3 D
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
- 4 - 3/8" CMF OR 3 1/8" CMU
- 6 - 6" CMF OR 5 1/8" CMU
- 8 - 8" CMF OR 7 1/8" CMU
- PARTITION NOTES:
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES.
- MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
- WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
- ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
- REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND



1 AREA G1 - 1ST FLOOR PLAN
SHEET SHOWN FOR DOOR AND WINDOW SCOPE ONLY
1/8" = 1'-0"



- ### GENERAL FLOOR PLAN NOTES

- ### FLOOR PLAN LEGEND

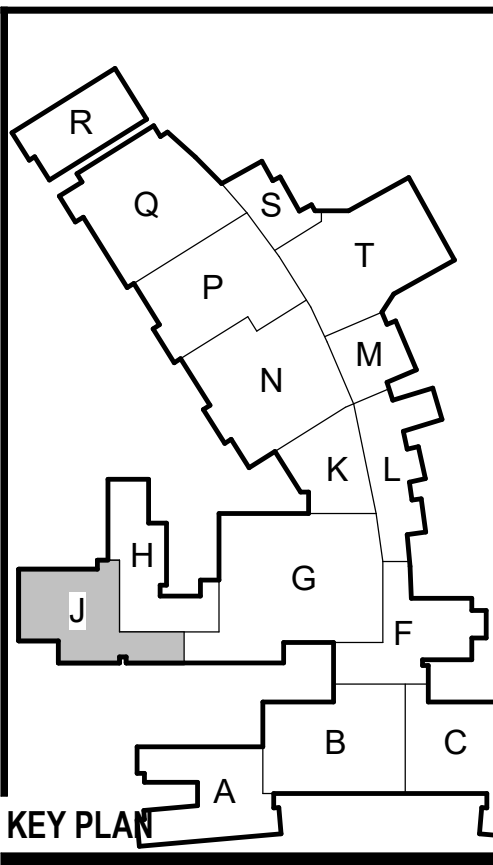
- PARTITION NOTES:**
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY THIS SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACoustical PROPERTIES
 2. **UNTANGED WALL PARTITIONS AND COLUMN CURRINGS** SHALL BE ASSUMED TO BE "TYPICAL," AS FOLLOWS, FOR BIDDING PURPOSES:
 - MASONRY** (EXTENDS 10' ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4' U/L)
 - WALL PARTITIONS - TYPE AB** NON-ACoustICAL COLUMN CURRINGS - TYPE AB NON-ACoustICAL
 - ANY UNTANGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO CONSTRUCTION
 3. **REF. G3 SHEETS FOR EXTERIOR WALL PARTITIONS AND INTERIOR PARTITION ASSEMBLIES.**

- ### PARTITION LEGEND



THE FLOOR PLAN LEGEND HAS BEEN OMITTED FROM THIS SHEET DUE TO SPACE LIMITATIONS. RE: OTHER FLOOR PLAN SHEETS FOR NOTES.

FLOOR PLAN LEGEND

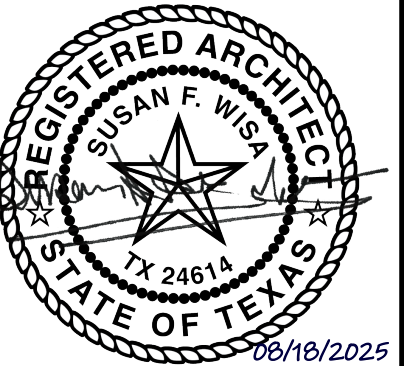


Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



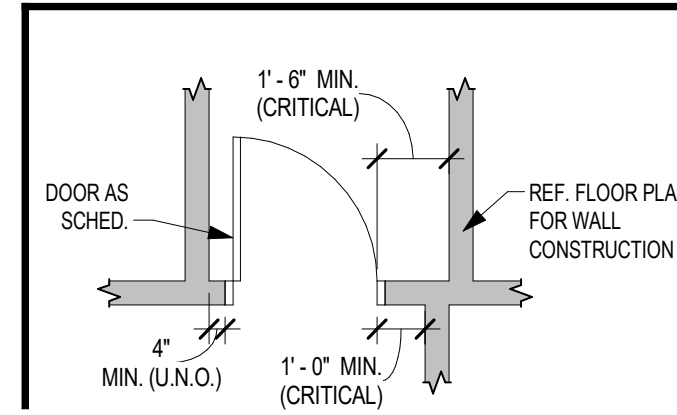
Huckabee
www.huckabee-inc.com
800.687.1229

AREA J1 - 1ST FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.08
Drawn By:
PR
Date:
06/18/2025



1 AREA J1 - 1ST FLOOR PLAN
1/8" = 1'-0"
SHEET SHOWN FOR DOOR AND WINDOW SCOPE ONLY

**DOOR LOCATION**

1. THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
2. ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND C.F.M.F. PARTITION REQUIREMENTS.
5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROCESSIONS, CASEWORK, TACK BD'S, MARKER BD'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

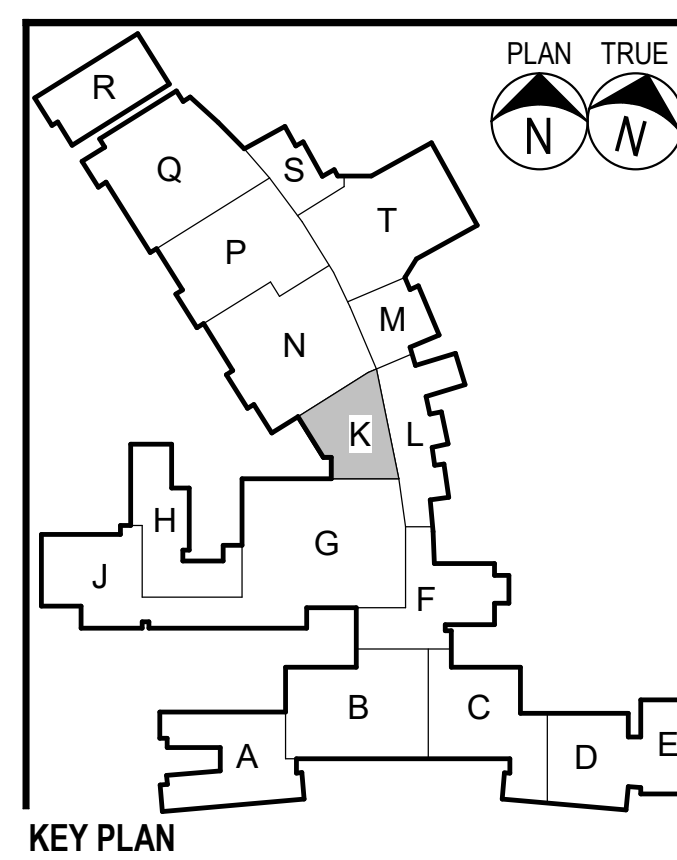
GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440. PROVIDE TYPE "X" @ KITCHEN AREAS
 FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440. PROVIDE TYPE "X" @ KITCHEN AREAS
 MARKER BOARD - REF. TYP. DET. ON A4 SHEETS
 TACKBOARD - REF. TYP. DET. ON A4 SHEETS
 DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHITS
 WINDOWSTOREFRONT CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHITS
 CALLOUT REFERENCE
 WALL SECTION REFERENCE
 ELEVATION REFERENCE
 ROOM NUMBER & NAME

FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
 STANDARD CMU
 CFMF PARTITION
 EXISTING CFMF PARTITION
- PARTITION TYPE TAGS**
- A3 D
 WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
- D WALL TO DECK / STRUCTURE
 C WALL TO 6" (MIN) ABOVE CEILING
 FR FIRE RATED WALL TO DECK
 AD ACOUSTICAL WALL TO DECK
 AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
 AR ACOUSTICAL RATED WALL TO DECK
 GD GYP WALL ABOVE TO DECK
 SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:**
- 4 - 3/8" CFMF OR 3 1/8" CMU
 6 - 6" CFMF OR 5 5/8" CMU
 8 - 8" CFMF OR 7 5/8" CMU

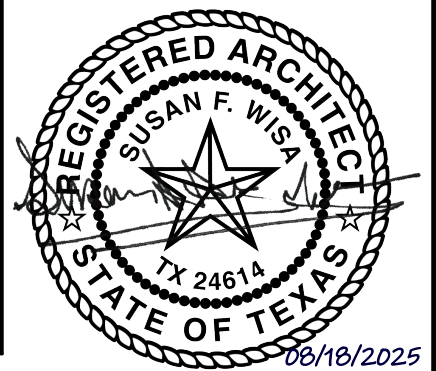
- PARTITION NOTES:**
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 2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES:
 MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
 WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL
 COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
 ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
 3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND

1 AREA K1 - 1ST FLOOR PLAN SHEET SHOWN FOR DOOR AND WINDOW SCOPE ONLY
 1/8" = 1'-0"

2024 BRIDGELAND HS ADDITION & RENOVATIONS
 FOR
 CYPRESS-FAIRBANKS ISD
 10707 MASON RD, CYPRESS, TX 77433

Project:



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 800.887.1229

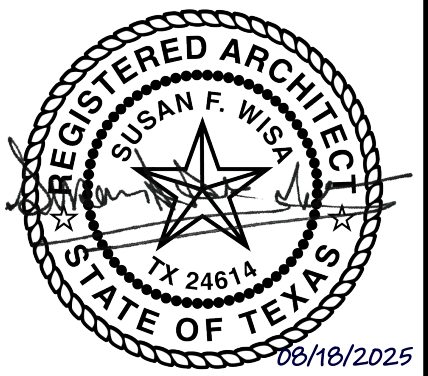
AREA K1 - 1ST FLOOR PLAN

Job No.
01818-07-01
 Drawn By:
PR
 Date:
06/18/2025

Sheet No.
A1.09

2024 BRIDGELAND HS ADDITION & RENOVATIONS
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AREA L1 - 1ST FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.10
Drawn By:
PR
Date:
06/18/2025

1. THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
 2. ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
 3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
 4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
 5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
 6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
 7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
 8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
 9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
 10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.
- GENERAL FLOOR PLAN NOTES**

FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "W" @ KITCHEN AREAS
 FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "W" @ KITCHEN AREAS
 MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
 TACKBOARD - REF. TYP. DET. ON A4 SHEETS
 DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHITS
 WINDOWSTOREFRONT CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHITS
 CALLOUT REFERENCE
 WALL SECTION REFERENCE
 ELEVATION REFERENCE
 ROOM NUMBER & NAME

FLOOR PLAN LEGEND

REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.

MASONRY VENEER
 STANDARD CMU
 CMF PARTITION
 EXISTING CMF PARTITION

PARTITION TYPE TAGS

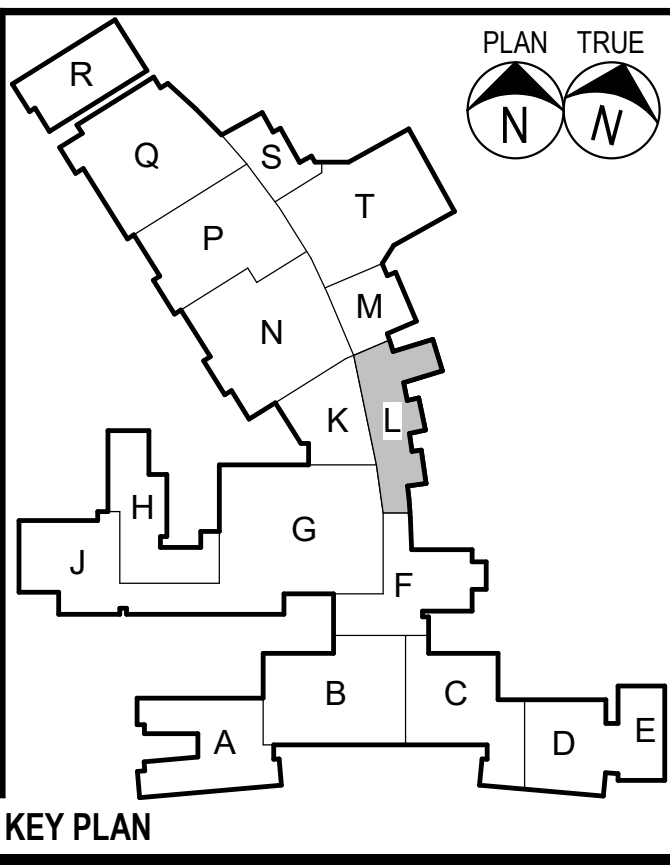
WALL ASSEMBLY IN PLAN VIEW

LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
D WALL TO DECK / STRUCTURE
C WALL TO 6" (MIN) ABOVE CEILING
FR FIRE RATED WALL TO DECK
AD ACOUSTICAL WALL TO DECK
AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
AR ACOUSTICAL RATED WALL TO DECK
GD GYP WALL ABOVE TO DECK
SR SMOKE RESISTANT PARTITION

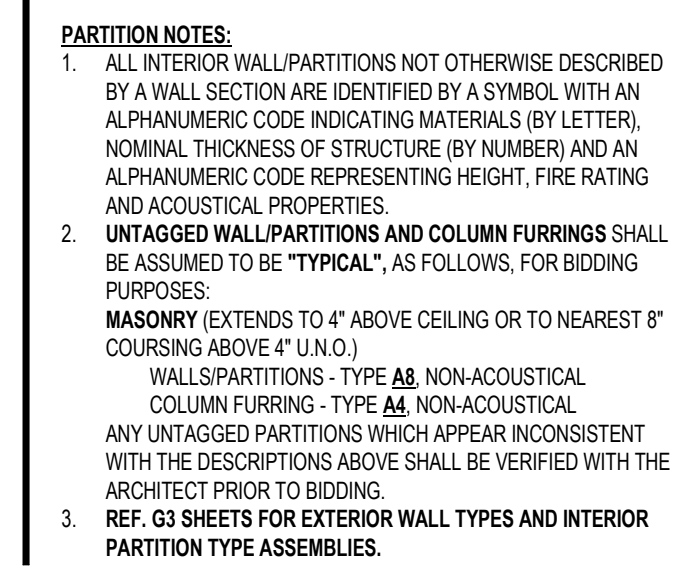
LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
4 - 3/8" CMF OR 3 1/8" CMU
6 - 6" CMF OR 5 5/8" CMU
8 - 8" CMF OR 7 5/8" CMU

PARTITION NOTES:
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES.
MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL
COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND



- ## GENERAL FLOOR PLAN NOTES



KEY PLAN

The key plan shows a site layout with 15 numbered plots. Plot M is shaded grey. A north arrow is shown with 'PLAN' and 'TRUE' directions.

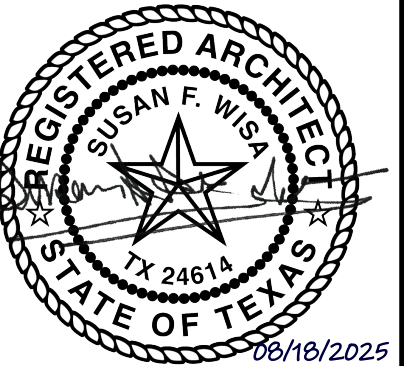
Project:



AREA M1 - 1ST FLOOR PLAN

Job No. 01818-07-01	Sheet No.
Drawn By: PR	A1.11
Date: 08/18/2025	

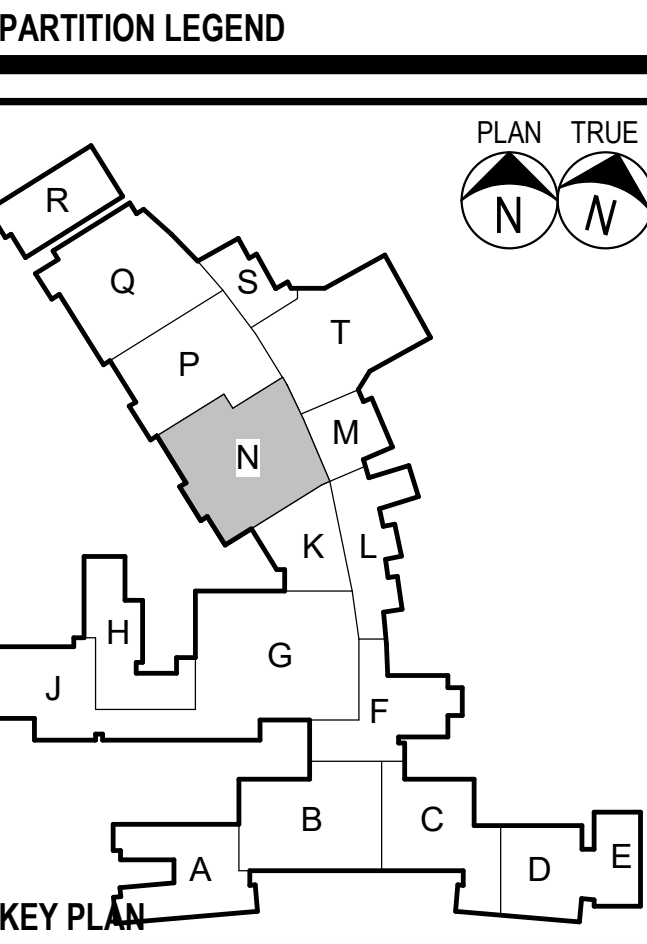




- THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
 - ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
 - SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
 - SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
 - SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
 - REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
 - VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
 - PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD'S, MARKER BD'S, WALL STOPS & DOOR HOLDERS.
 - ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
 - EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.
- GENERAL FLOOR PLAN NOTES**

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "K" @ KITCHEN AREAS
 FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "K" @ KITCHEN AREAS
 MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
 TACKBOARD - REF. TYP. DET. ON A4 SHEETS
 DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHEETS
 WINDOW/STOREFRONT/CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHEETS
 CALLOUT REFERENCE
 WALL SECTION REFERENCE
 ELEVATION REFERENCE
 ROOM NUMBER & NAME
- FLOOR PLAN LEGEND**

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
 STANDARD CMU
 CMF PARTITION
 EXISTING CMF PARTITION
- PARTITION TYPE TAGS**
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
D WALL TO DECK / STRUCTURE
C WALL TO 6" (MIN) ABOVE CEILING
FR FIRE RATED WALL TO DECK
AD ACOUSTICAL WALL TO DECK
AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
AR ACOUSTICAL RATED WALL TO DECK
GD GYP WALL ABOVE TO DECK
SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:**
4 - 3/8" CMF OR 3 1/8" CMU
6 - 6" CMF OR 5 5/8" CMU
8 - 8" CMF OR 7 5/8" CMU
- PARTITION NOTES:**
1. ALL INTERIOR WALL/PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
2. UNTAGGED WALL/PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES:
MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
WALL/PARTITIONS - TYPE AB, NON-ACOUSTICAL
COLUMN FURNISH - TYPE AE, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.



2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
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Project:



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AREA P1 - 1ST FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.13
Drawn By:
PR
Date:
06/18/2025

- THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
 - ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
 - SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
 - SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
 - SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
 - REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
 - VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS, E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
 - PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD'S, MARKER BD'S, WALL STOPS & DOOR HOLDERS.
 - ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
 - EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.
- GENERAL FLOOR PLAN NOTES**

FLOOR PLAN LEGEND

REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.

— MASONRY VENEER

— STANDARD CMU

— CMF PARTITION

— EXISTING CMF PARTITION

PARTITION TYPE TAGS

— WALL ASSEMBLY IN PLAN VIEW

LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.

D WALL TO DECK / STRUCTURE

C WALL TO 6" (MIN) ABOVE CEILING

FR FIRE RATED WALL TO DECK

AD ACOUSTICAL WALL TO DECK

AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING

AR ACOUSTICAL RATED WALL TO DECK

GD GYP WALL ABOVE TO DECK

SR SMOKE RESISTANT PARTITION

LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:

4 - 3/8" CMF OR 3 1/8" CMU

6 - 6" CMF OR 5 1/8" CMU

8 - 8" CMF OR 7 1/8" CMU

PARTITION NOTES:

- ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
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COLUMN FURNISHES - TYPE AB, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
- REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND

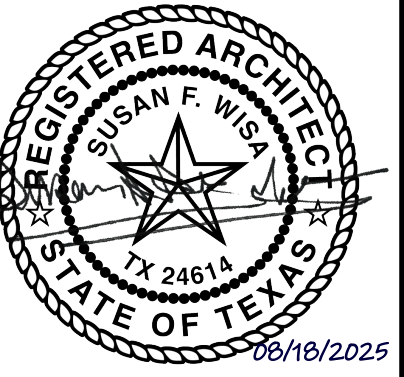
PLAN TRUE

N

KEY PLAN



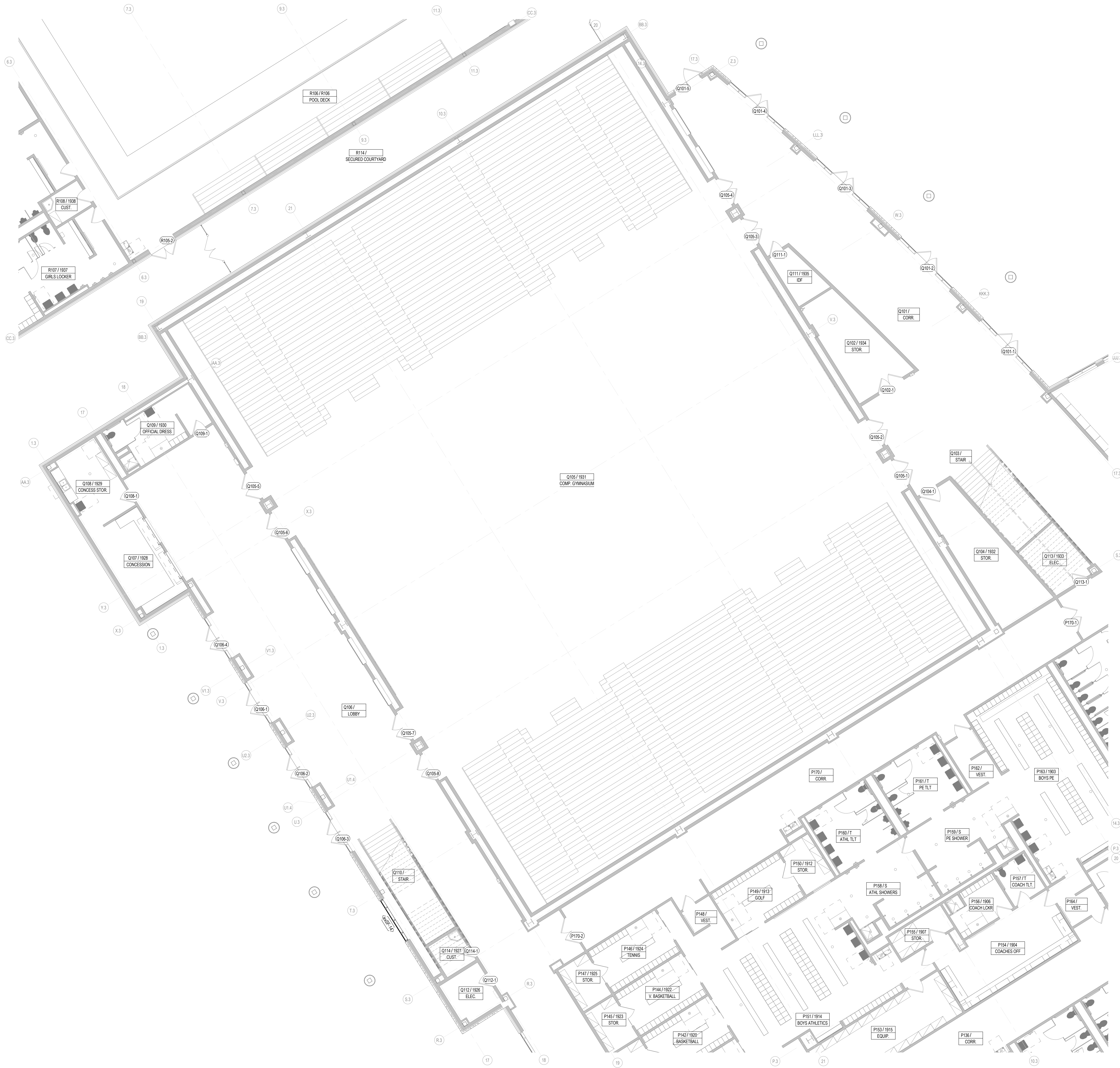
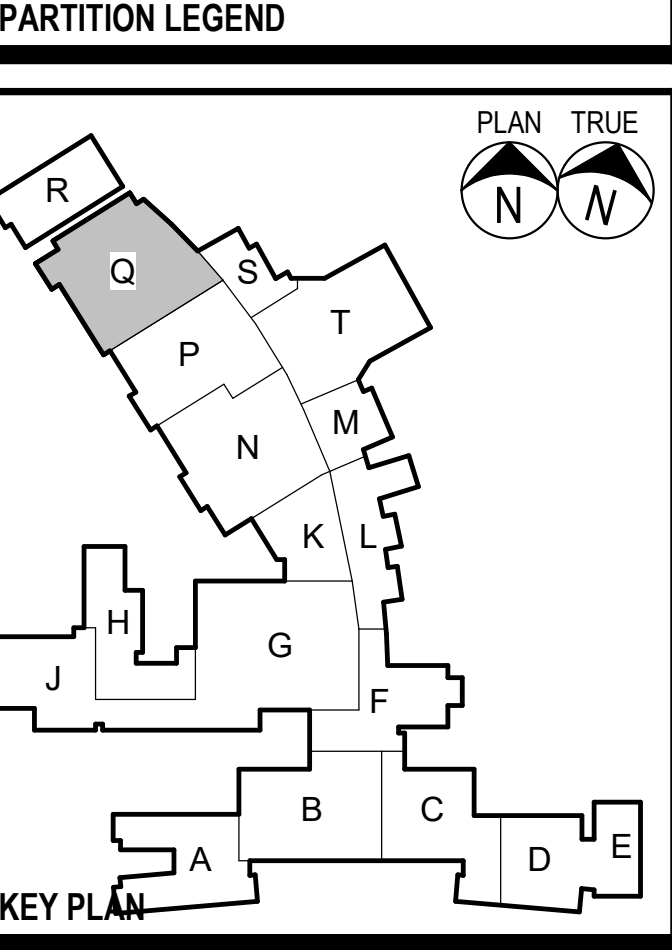
1 AREA P1 - 1ST FLOOR PLAN SHEET SHOWN FOR DOOR AND WINDOW SCOPE ONLY
1/8" = 1'-0"



1. THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
 2. ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
 3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
 4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
 5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
 6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
 7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
 8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO: HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
 9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
 10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.
- GENERAL FLOOR PLAN NOTES**

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440. PROVIDE TYPE "N" @ KITCHEN AREAS
 FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440. PROVIDE TYPE "N" @ KITCHEN AREAS
 MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
 TACKBOARD - REF. TYP. DET. ON A4 SHEETS
 DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
 WINDOWSTOREFRONTCURTAIN WALL ASSEMBLY TYPE - REF. A3 SHTS.
 CALLOUT REFERENCE
 WALL SECTION REFERENCE
 ELEVATION REFERENCE
 ROOM NUMBER & NAME
- FLOOR PLAN LEGEND**

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
 STANDARD CMU
 CMF PARTITION
 EXISTING CMF PARTITION
- PARTITION TYPE TAGS**
- A3 D
- WALL ASSEMBLY IN PLAN VIEW**
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
D WALL TO DECK / STRUCTURE
C WALL TO 6" (MIN) ABOVE CEILING
FR FIRE RATED WALL TO DECK
AD ACOUSTICAL WALL TO DECK
AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
AR ACOUSTICAL RATED WALL TO DECK
GD GYP WALL ABOVE TO DECK
SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:**
4 - 3/8" CMF OR 3 1/8" CMU
6 - 6" CMF OR 5 5/8" CMU
8 - 8" CMF OR 7 5/8" CMU
- PARTITION NOTES:**
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES:
MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL
COLUMN FURNISHES - TYPE AE, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.



1 AREA Q1 - 1ST FLOOR PLAN
1/8" = 1'-0"
SHEET SHOWN FOR DOOR AND WINDOW SCOPE ONLY

Date
Revision /2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

**Huckabee**
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AREA R1 - 1ST FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.15
Drawn By:
PR
Date:
06/19/2025

1. THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
2. ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND C.F.M.F. PARTITION REQUIREMENTS.
5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

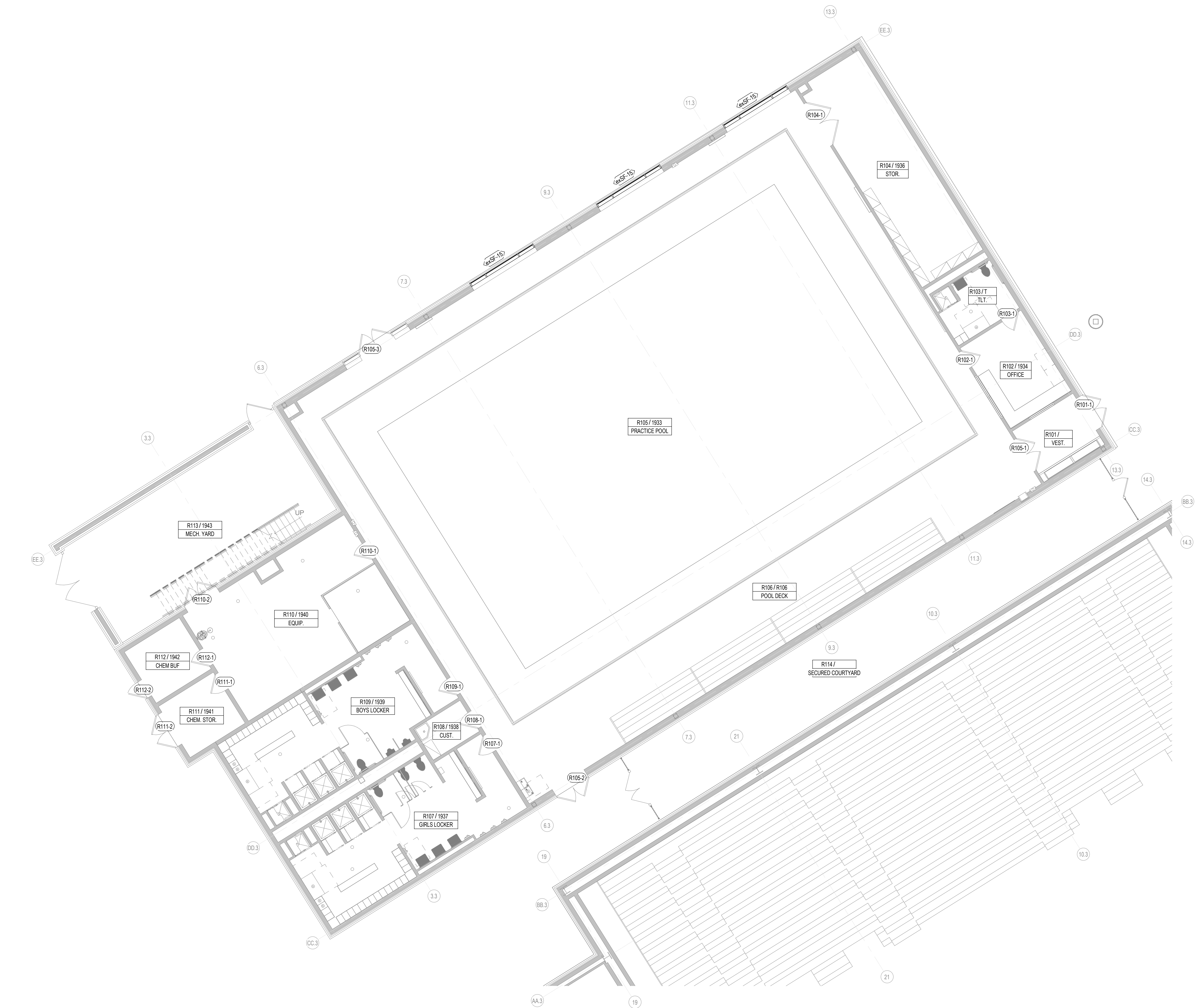
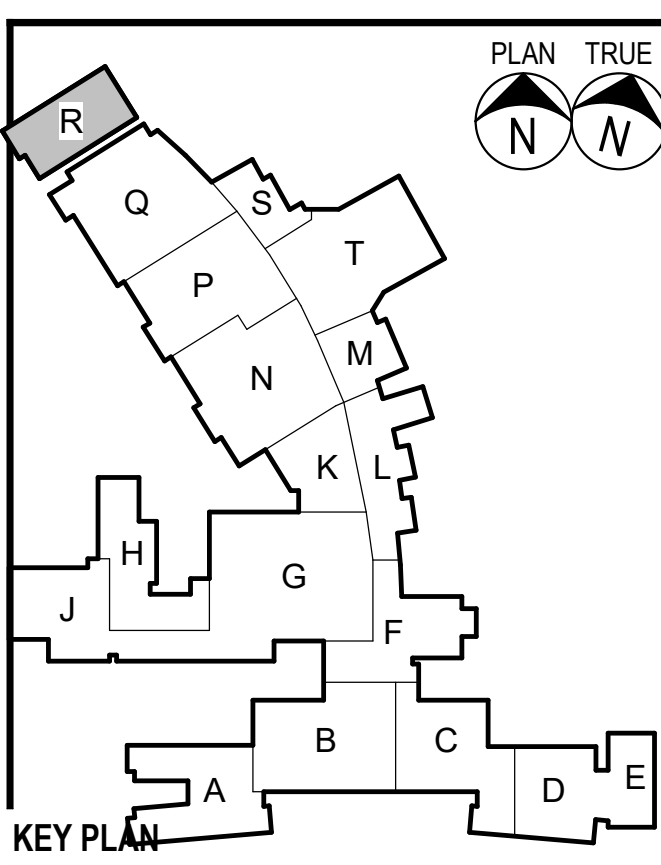
GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "W" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "W" @ KITCHEN AREAS
- MARKERBOARD
REF. TYP. DET. ON A4 SHEETS
- TACKBOARD
REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOW STORE FRONT CURTAIN WALL ASSEMBLY
TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CMF PARTITION
- EXISTING CMF PARTITION
- PARTITION TYPE TAGS
- A3 D
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
- 4 - 3/8" CMF OR 3 1/2" CMU
- 6 - 6" CMF OR 5 1/2" CMU
- 8 - 8" CMF OR 7 1/2" CMU
- PARTITION NOTES:
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES.
- MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
- WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL
- COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
- ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
- REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND



1 AREA R1 - 1ST FLOOR PLAN
1/8" = 1'-0"
SHEET SHOWN FOR DOOR AND WINDOW SCOPE ONLY

**1** AREA S1 - 1ST FLOOR PLAN
1/8" = 1'-0"

SHEET SHOWN FOR DOOR SCOPE ONLY

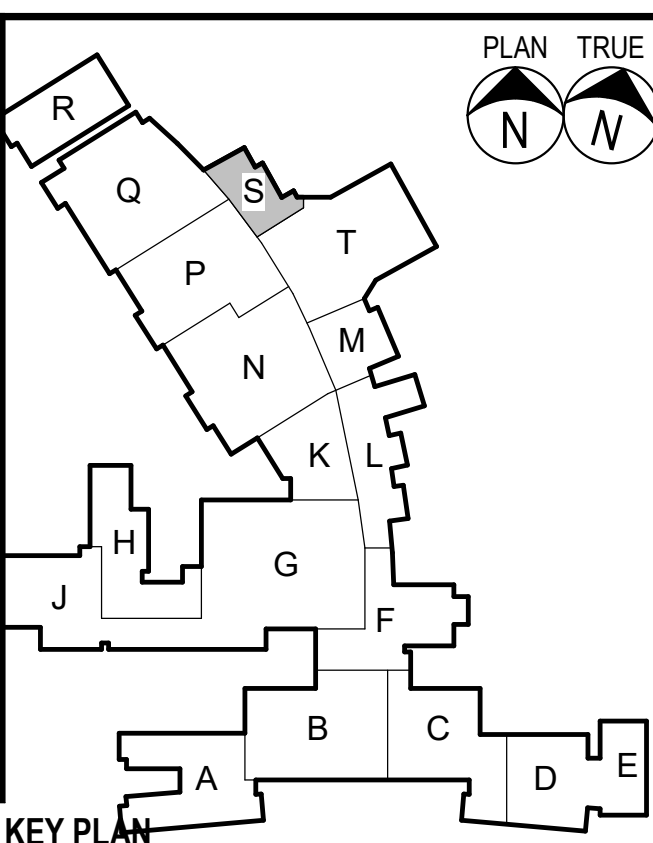
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4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND C.F.M.F. PARTITION REQUIREMENTS.
5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
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9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO REMOVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440. PROVIDE TYPE "N" @ KITCHEN AREAS.
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440. PROVIDE TYPE "N" @ KITCHEN AREAS.
- MARKER BOARD - REF. TYP. DET. ON A4 SHEETS.
- TACK BOARD - REF. TYP. DET. ON A4 SHEETS.
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHITS.
- WINDOW/STOREFRONT/CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHITS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE XX'-X" FF.
- ROOM NUMBER & NAME A101 ROOM

FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CFMF PARTITION
- EXISTING CFMF PARTITION
- PARTITION TYPE TAGS**
- A3 D
- WALL ASSEMBLY IN PLAN VIEW**
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:**
- 4 - 3/8" CFMF OR 3 1/8" CMU
- 6 - 6" CFMF OR 5 5/8" CMU
- 8 - 8" CFMF OR 7 5/8" CMU
- PARTITION NOTES:**
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
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- COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
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3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

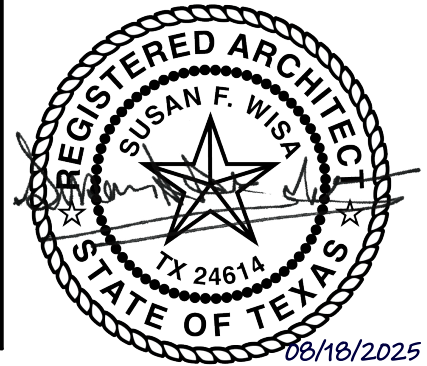
PARTITION LEGEND

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
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10707 MASON RD, CYPRESS, TX 77433

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AREA S1 - 1ST FLOOR PLAN

Job No.

01818-07-01

Drawn By:

PR

Date:

06/18/2025

Sheet No.

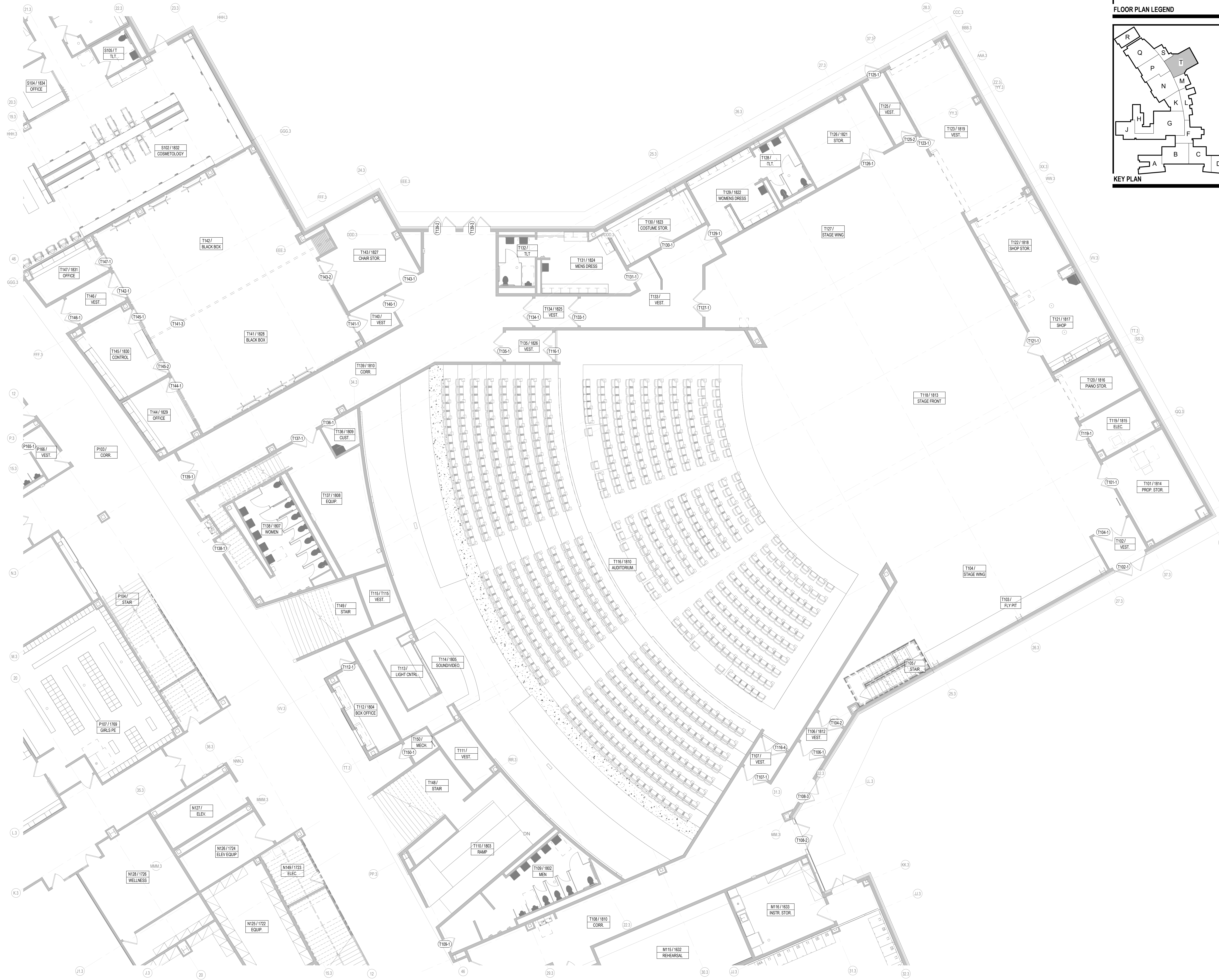
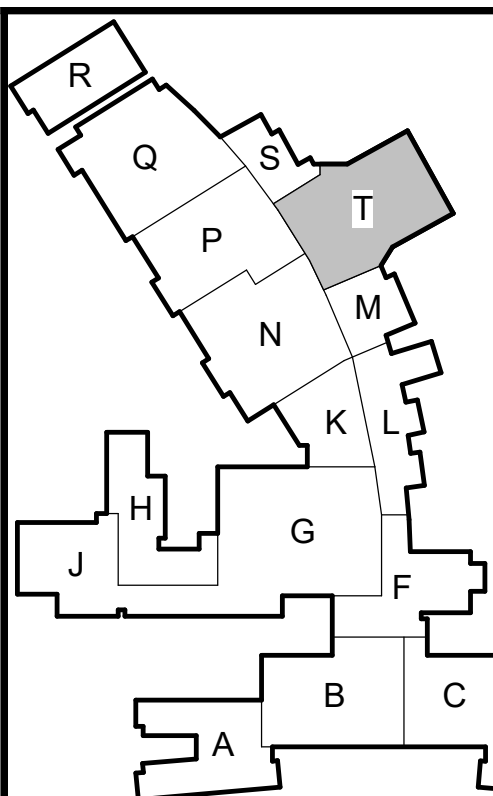
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b No. 818-07-01	Sheet No.
Drawn By: R	A1.17
Date: 1/18/2025	

KEY PLAN



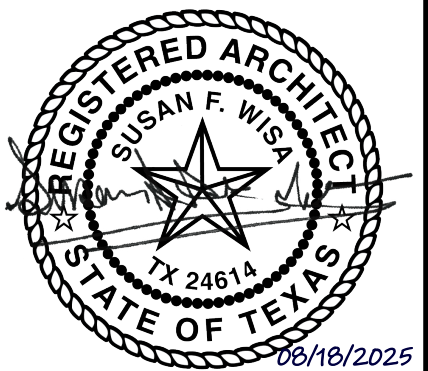
1	AREA T1 - 1ST FLOOR PLAN	SHEET SHOWN FOR DOOR SCOPE ONLY
	1/8" = 1'-0"	

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



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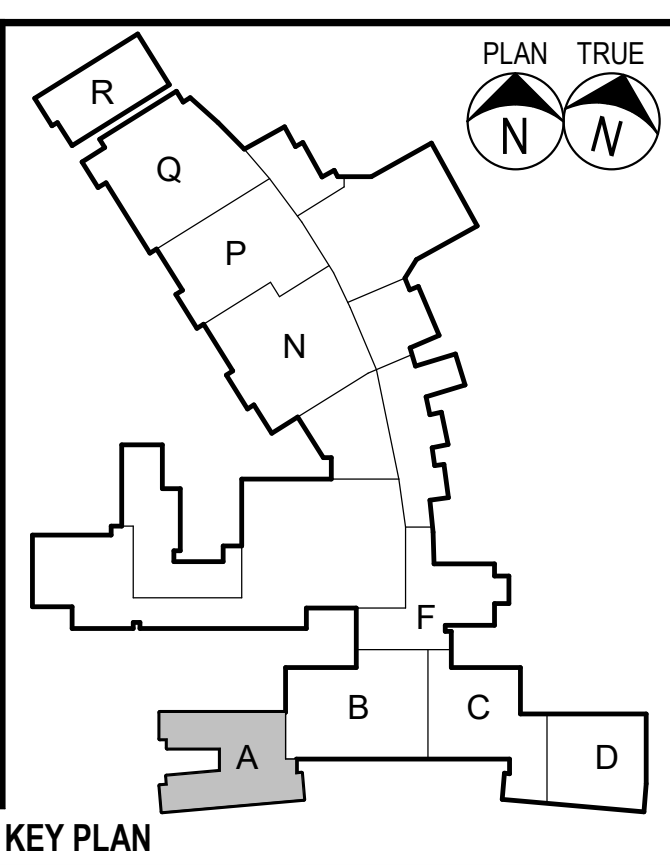
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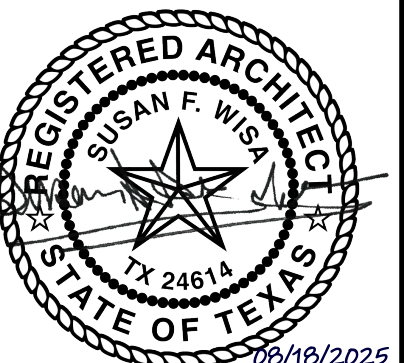
Job No.
01818-07-01
Sheet No.
A1.18
Drawn By:
PR
Date:
06/18/2025

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 3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
 4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CFMF PARTITION REQUIREMENTS.
 5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
 6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
 7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
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 10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.
- GENERAL FLOOR PLAN NOTES**

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10-440. PROVIDE TYPE "N" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10-440. PROVIDE TYPE "N" @ KITCHEN AREAS
- MARKERBOARD
REF. TYP. DET. ON A4 SHEETS
- TACKBOARD
REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOWSTOREFRONT CURTAIN WALL ASSEMBLY
TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE
- ROOM NUMBER & NAME
- FLOOR PLAN LEGEND**

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CFMF PARTITION
- EXISTING CFMF PARTITION
- PARTITION TYPE TAGS**
- A3 D
- WALL ASSEMBLY IN PLAN VIEW**
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:**
- 4 - 3/8" CFMF OR 3 1/8" CMU
- 6 - 6" CFMF OR 5 5/8" CMU
- 8 - 8" CFMF OR 7 5/8" CMU
- PARTITION NOTES:**
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
 2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES:
MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.)
WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL
COLUMN FURNISH - TYPE AC, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
 3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.
- PARTITION LEGEND**

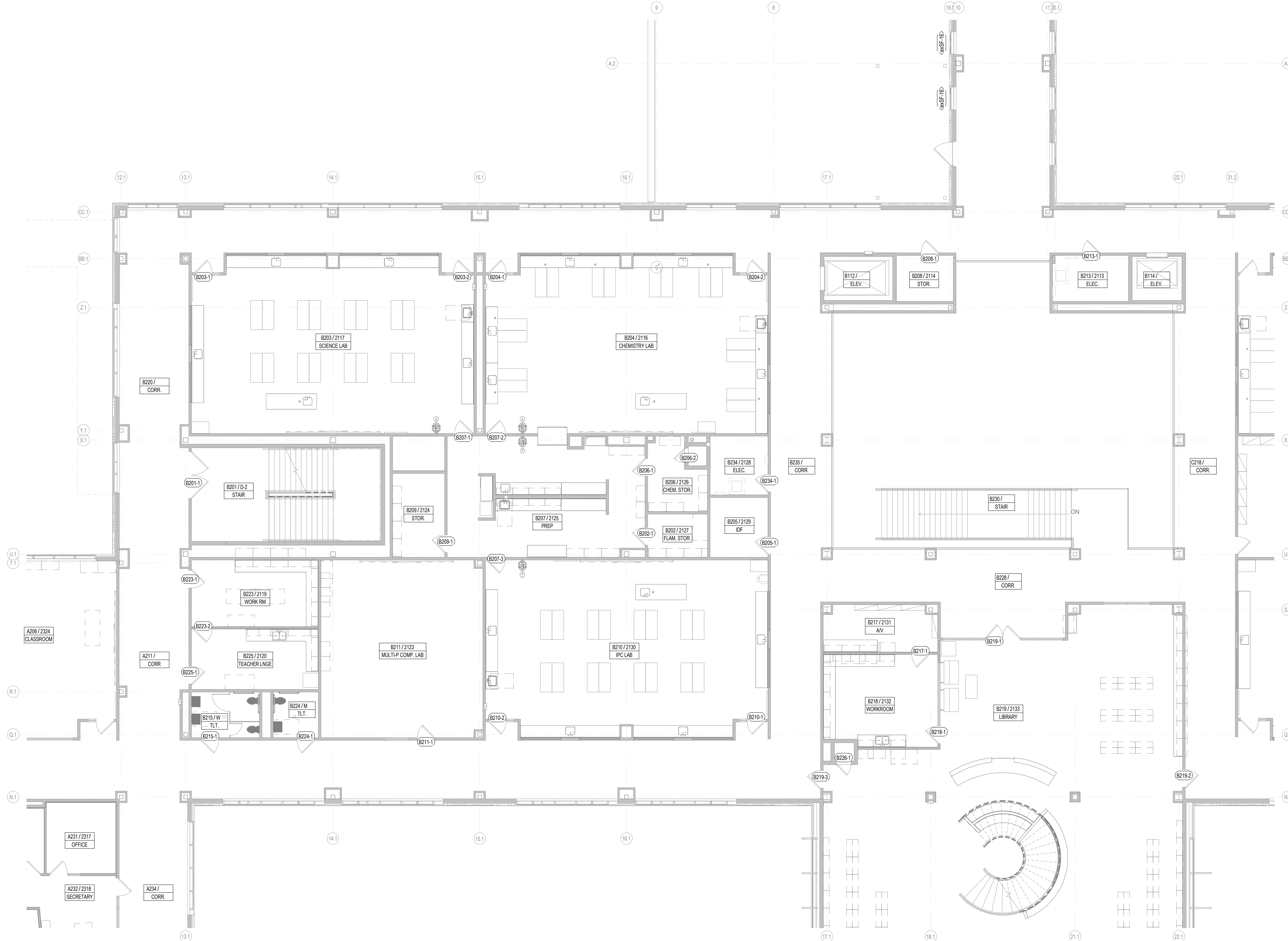
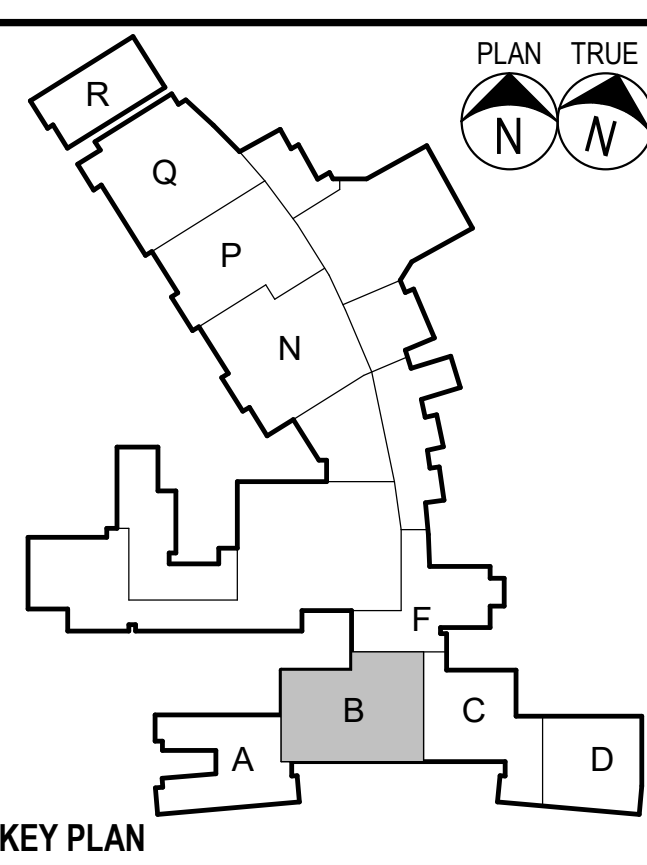




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 3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
 4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
 5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
 6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
 7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
 8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
 9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
 10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.
- GENERAL FLOOR PLAN NOTES**

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
- MARKERBOARD
REF. TYP. DET. ON A4 SHEETS
- TACKBOARD
REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS
- WINDOWSTOREFRONT CURTAIN WALL ASSEMBLY
TYPE - REF. A3 SHTS
- CALLOUT REFERENCE
- WALL SECTION REFERENCE
- ELEVATION REFERENCE
- ROOM NUMBER & NAME
- FLOOR PLAN LEGEND**

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CMF PARTITION
- EXISTING CMF PARTITION
- PARTITION TYPE TAGS**
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:**
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- PARTITION LEGEND**



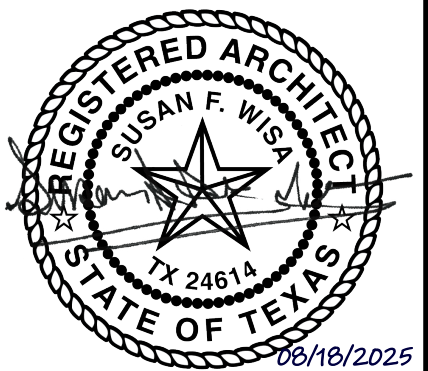
1 AREA B2 - 2ND FLOOR PLAN
1/8" = 1'-0"
SHEET SHOWN FOR DOOR SCOPE ONLY

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Huckabee
www.huckabee-inc.com
800.887.1229

AREA C2 - 2ND FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.20
Date:
06/18/2025

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4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND C.F.M.F. PARTITION REQUIREMENTS.
5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

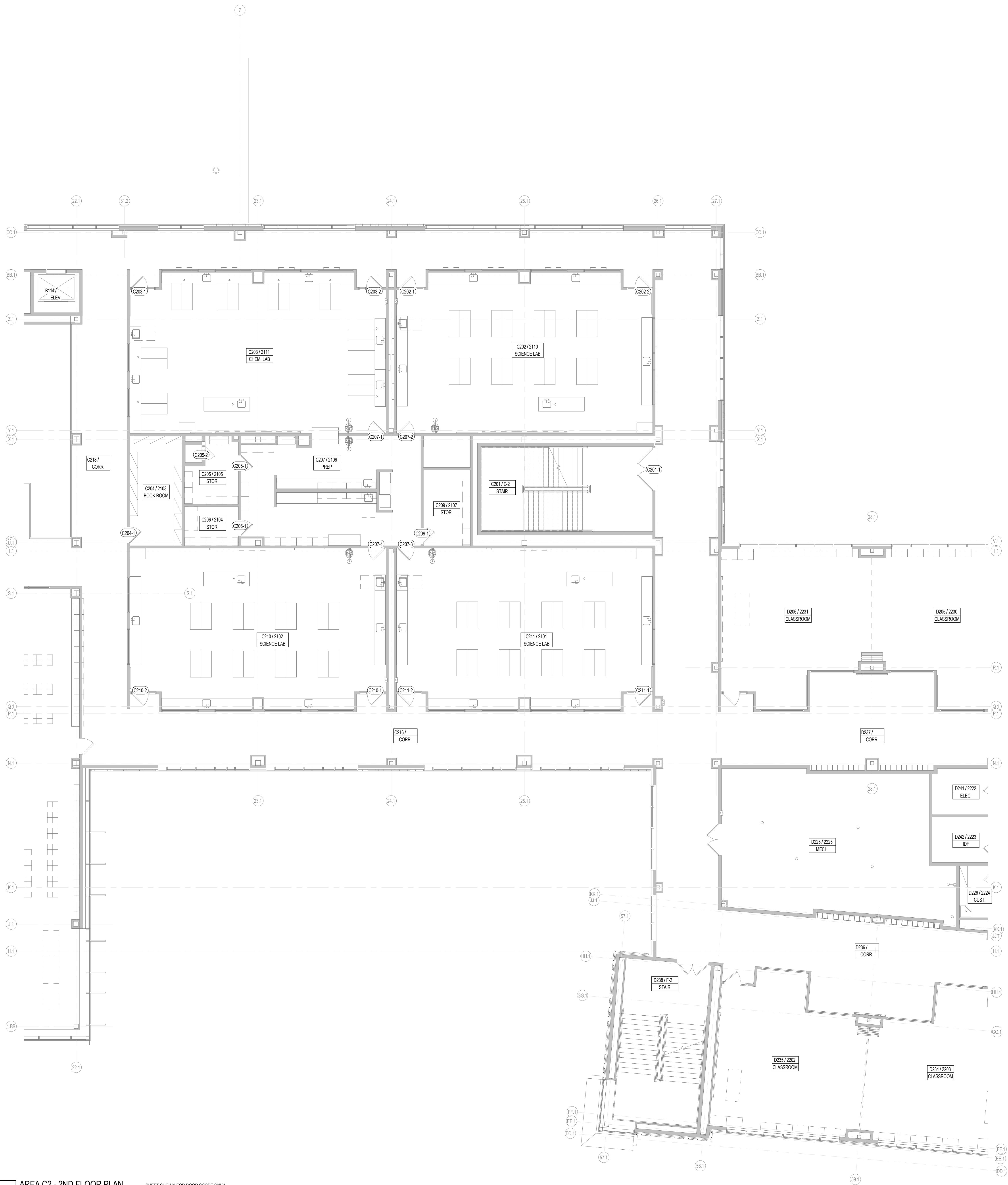
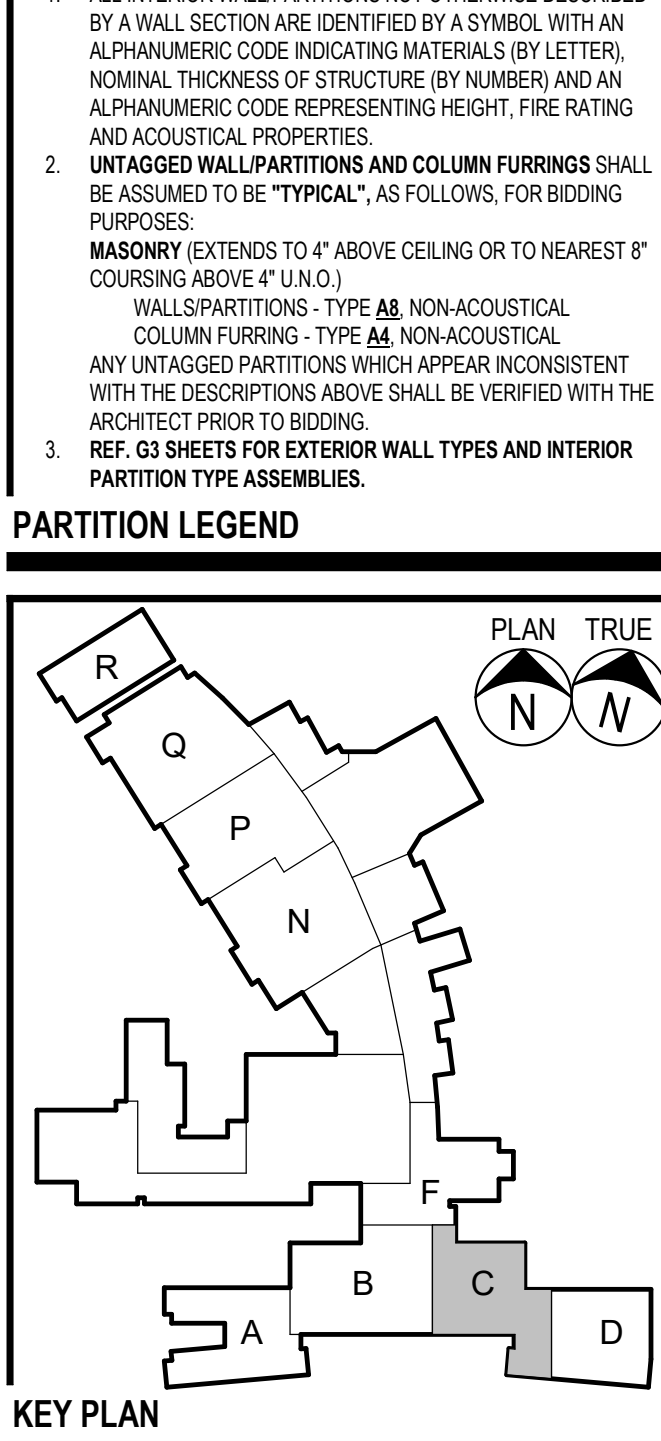
GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440. PROVIDE TYPE "K" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440. PROVIDE TYPE "K" @ KITCHEN AREAS
- MARKER BOARD
REF. TYP. DET. ON A4 SHEETS
- TACKBOARD
REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOWSTOREFRONT CURTAIN WALL ASSEMBLY
TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CFMF PARTITION
- EXISTING CFMF PARTITION
- PARTITION TYPE TAGS
- A3 D
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
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3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND



1 AREA C2 - 2ND FLOOR PLAN
1/8" = 1'-0"

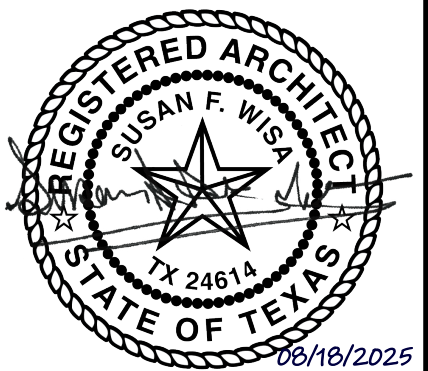
SHEET SHOWN FOR DOOR SCOPE ONLY

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Huckabee
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800.887.1229

AREA D2 - 2ND FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.21
Date:
06/18/2025

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2. ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
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9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

GENERAL FLOOR PLAN NOTES

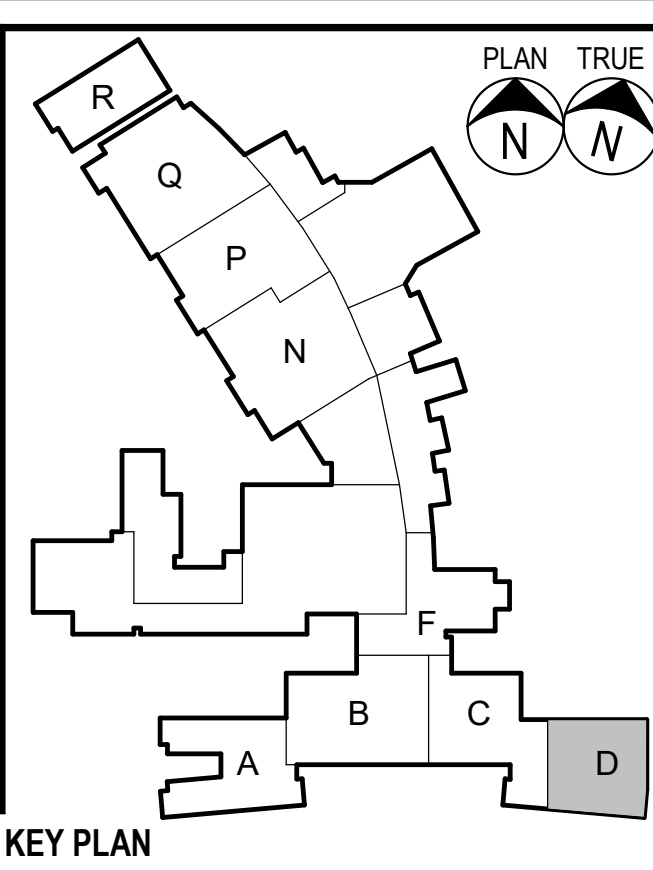
- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440. PROVIDE TYPE "W" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440. PROVIDE TYPE "W" @ KITCHEN AREAS
- MARKERBOARD
REF. TYP. DET. ON A4 SHEETS
- TACKBOARD
REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOWSTOREFRONTCURTAIN WALL ASSEMBLY
TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CMF PARTITION
- EXISTING CMF PARTITION
- PARTITION TYPE TAGS**
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
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- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:**
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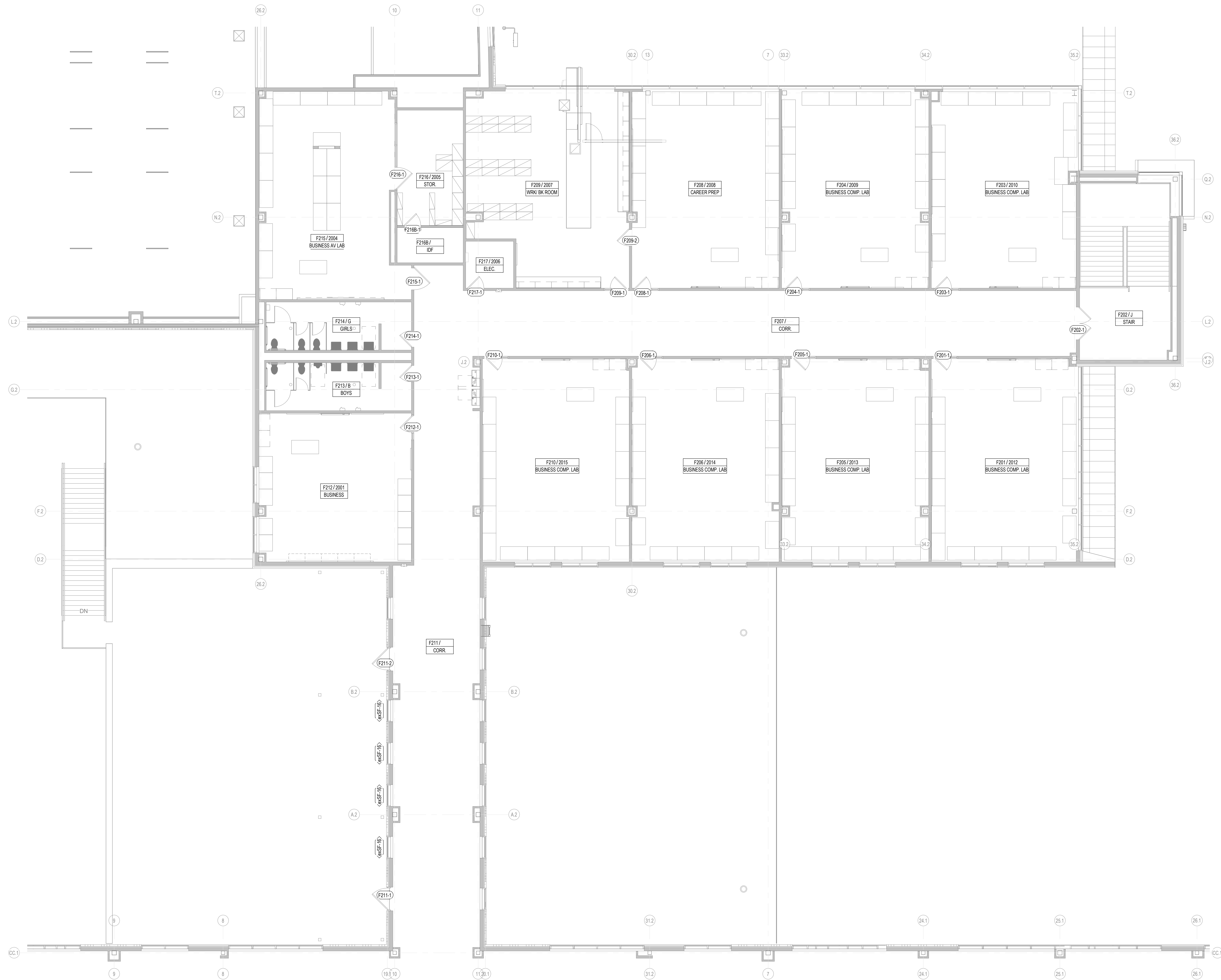
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 3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND



1 AREA D2 - 2ND FLOOR PLAN
1/8" = 1'-0"

SHEET SHOWN FOR DOOR SCOPE ONLY



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5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
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7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
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9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE 'N' @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE 'N' @ KITCHEN AREAS
- MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
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- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOW/STOREFRONT/CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

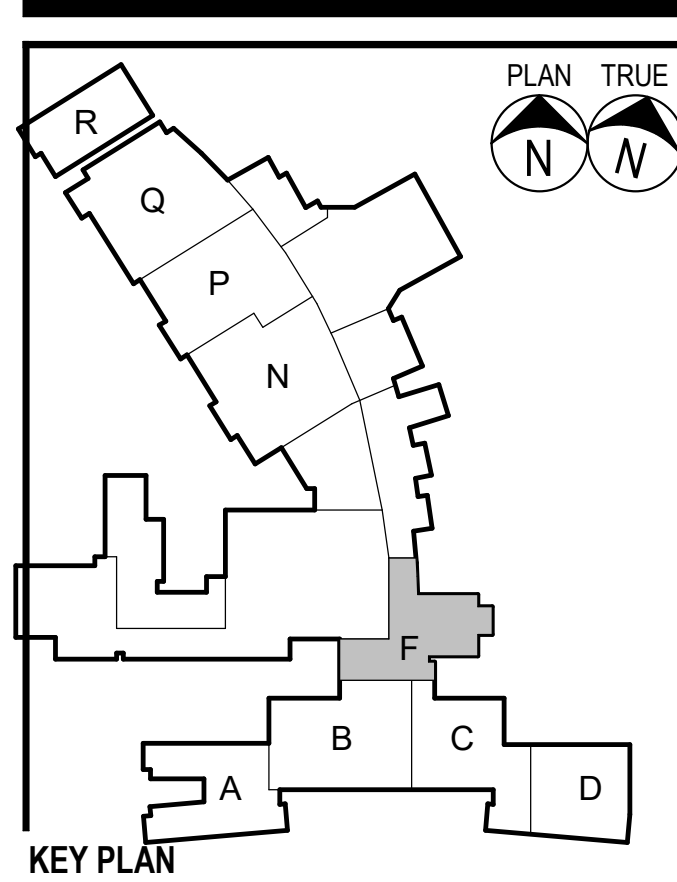
FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CFMF PARTITION
- EXISTING CFMF PARTITION
- PARTITION TYPE TAGS
- A3 D
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
- D WALL TO DECK/STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
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- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
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PARTITION LEGEND

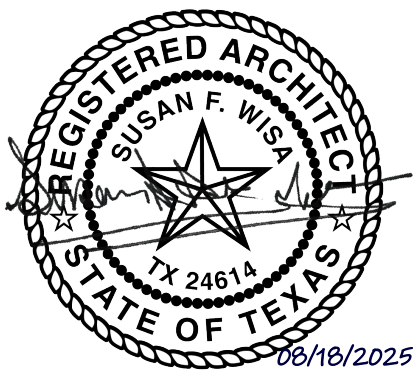
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PARTITION LEGEND



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AREA F2 - 2ND FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.22
Date:
06/18/2025



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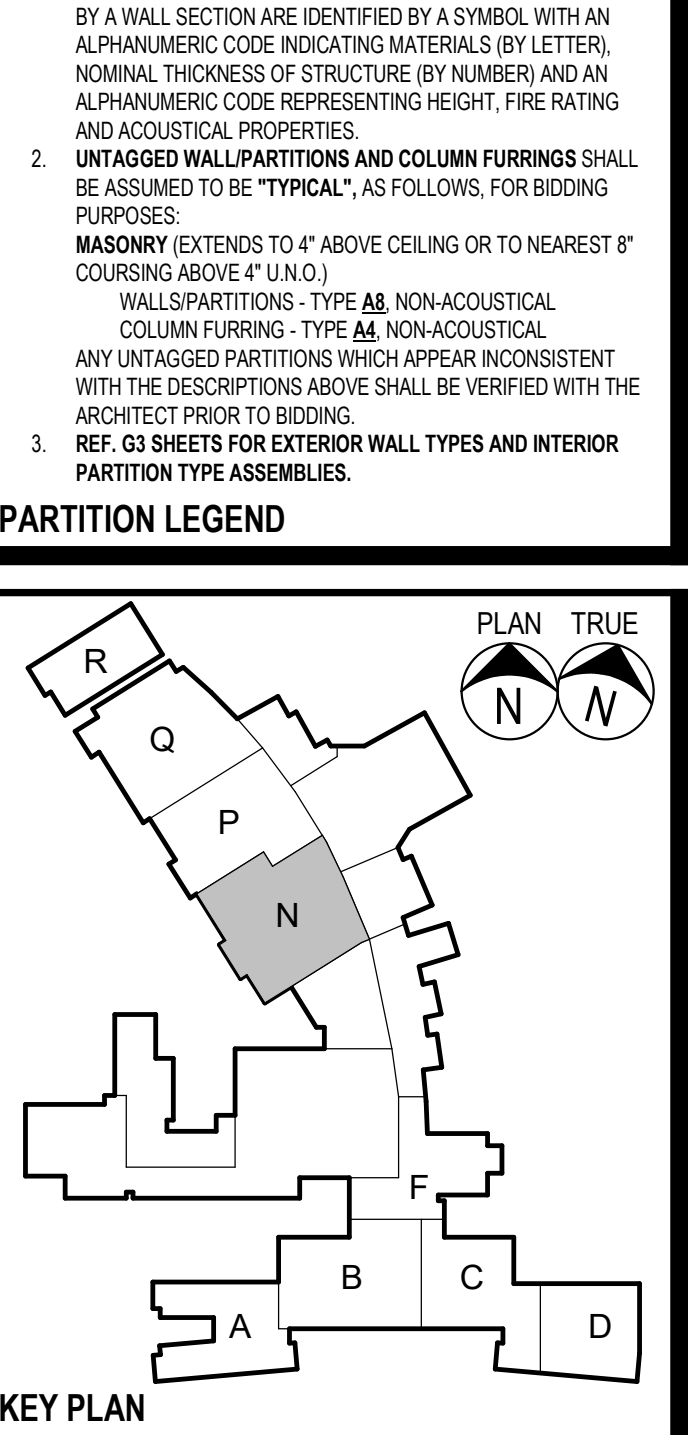
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 DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
 WINDOW STORE FRONT CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHTS.
 CALLOUT REFERENCE
 WALL SECTION REFERENCE XX/A101
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 ROOM NUMBER & NAME

FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
 STANDARD CMU
 CMF PARTITION
 EXISTING CMF PARTITION
- PARTITION TYPE TAGS
- A3 D
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 GD GYP WALL ABOVE TO DECK
 SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
- 4 - 3/8" CMF OR 3 5/8" CMU
 6 - 6" CMF OR 5 5/8" CMU
 8 - 8" CMF OR 7 5/8" CMU
- PARTITION NOTES:
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
 2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES.
MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL
COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND

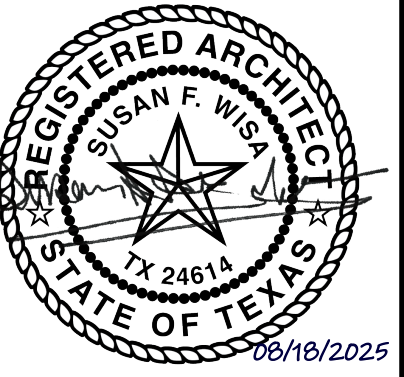


KEY PLAN



2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Huckabee
www.huckabee-inc.com
800.887.1229

AREA P2 - 2ND FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.24
Drawn By:
PR
Date:
06/18/2025

- THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
- ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
- SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
- SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
- SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
- REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
- VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
- PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
- ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
- EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

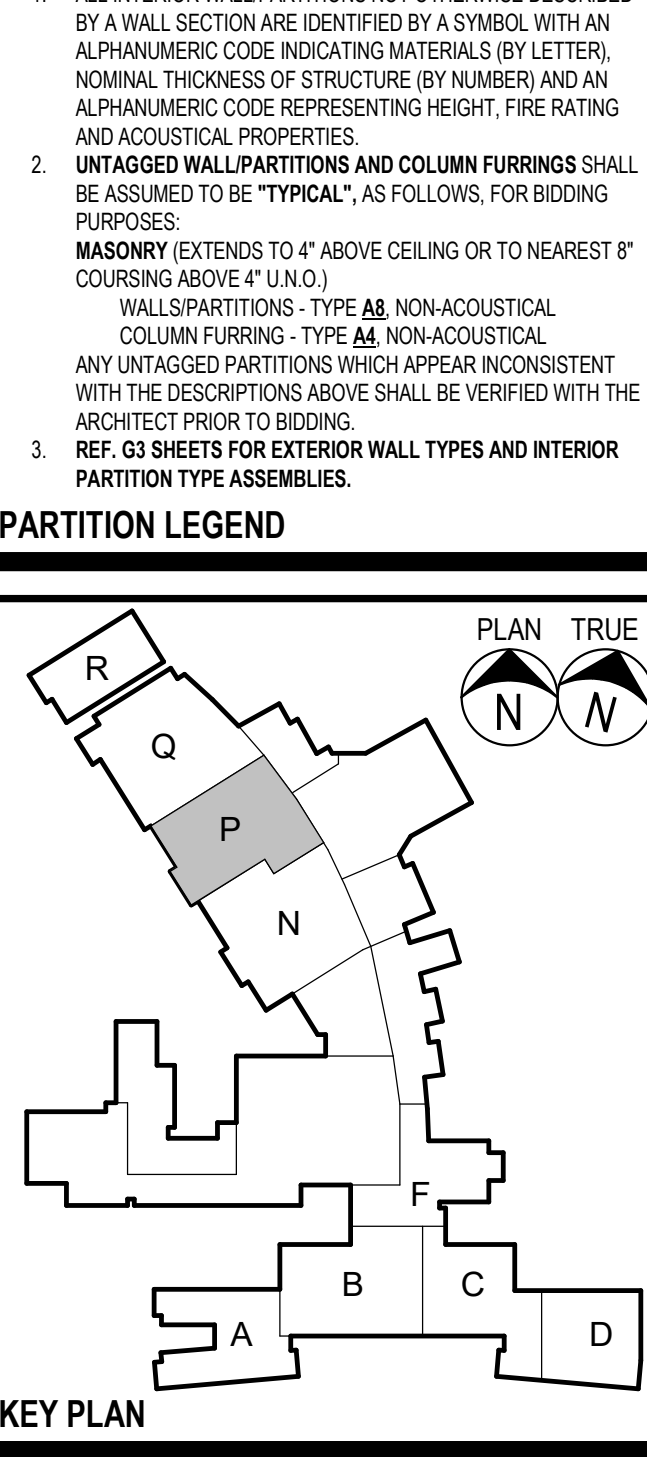
GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "M" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "M" @ KITCHEN AREAS
- MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
- TACKBOARD - REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOWSTOREFRONTCURTAIN WALL ASSEMBLY TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

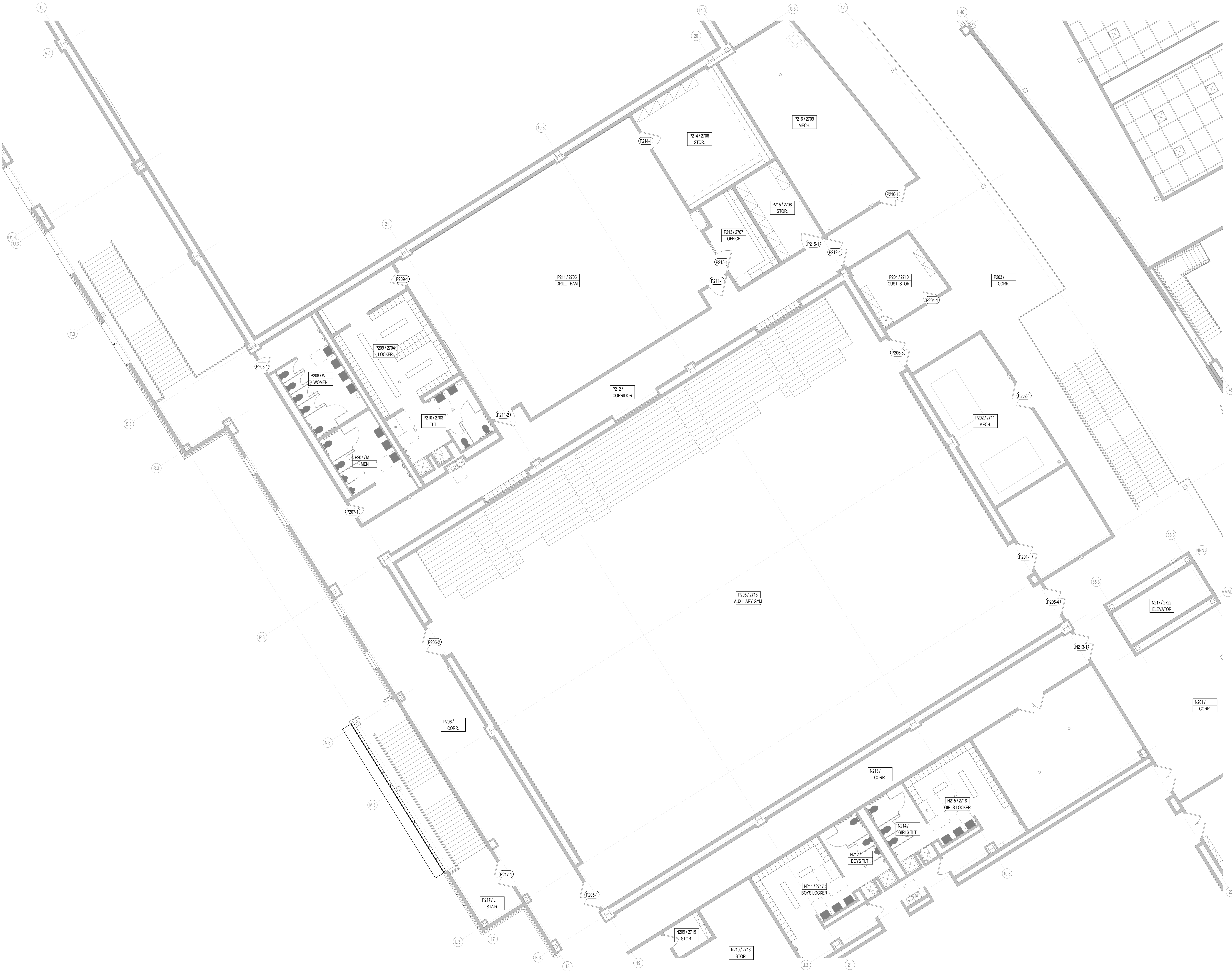
FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CMF PARTITION
- EXISTING CMF PARTITION
- PARTITION TYPE TAGS
- A3 D
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
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- 8 - 8" CMF OR 7 5/8" CMU
- PARTITION NOTES:
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2. UNTAGGED WALL/PARTITIONS AND COLUMN FURNINGS SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES.
- MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
- WALL/PARTITIONS - TYPE AB, NON-ACOUSTICAL COLUMN FURNING - TYPE AB, NON-ACOUSTICAL
- ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND



KEY PLAN



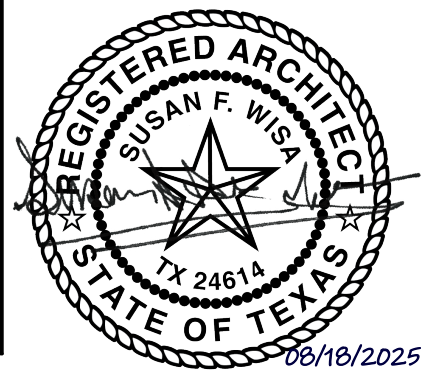
1 AREA P2 - 2ND FLOOR PLAN
1/8" = 1'-0"
SHEET SHOWN FOR DOOR SCOPE ONLY

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



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800.887.1229

AREA R2 - 2ND FLOOR PLAN

Job No.

01818-07-01

Drawn By:

PR

Date:

06/18/2025

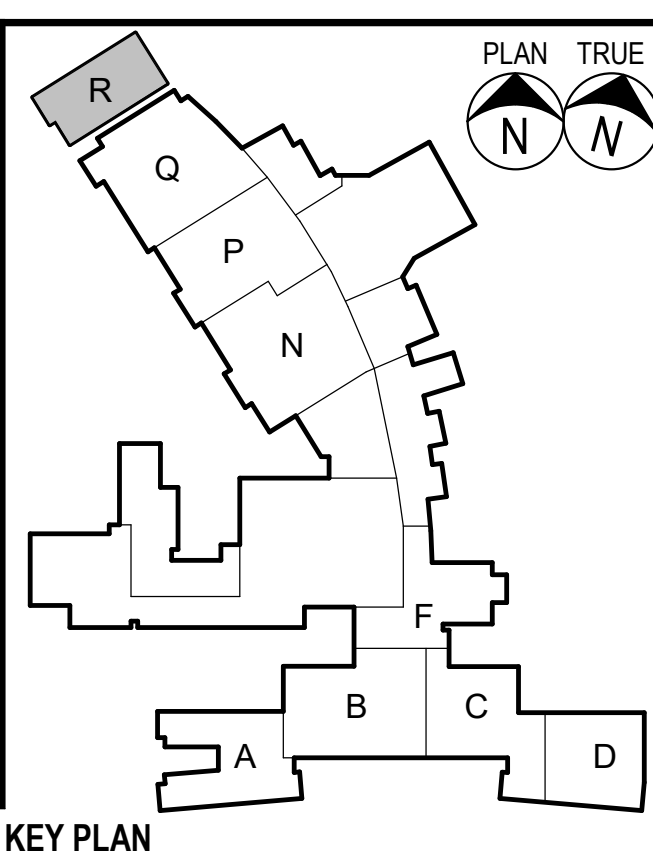
Sheet No.

A1.25

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 3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
 4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
 5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
 6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
 7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
 8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO: HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
 9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
 10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.
- GENERAL FLOOR PLAN NOTES**

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440. PROVIDE TYPE "W" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440. PROVIDE TYPE "W" @ KITCHEN AREAS
- MARKERBOARD
REF. TYP. DET. ON A4 SHEETS
- TACKBOARD
REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOW STORE FRONT CURTAIN WALL ASSEMBLY
TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE XX'-X" FF.
- ROOM NUMBER & NAME A101 ROOM
- FLOOR PLAN LEGEND**

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CMF PARTITION
- EXISTING CMF PARTITION
- PARTITION TYPE TAGS**
- A3 D
- WALL ASSEMBLY IN PLAN VIEW**
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:**
- 4 - 3/8" CMF OR 3 1/8" CMU
- 6 - 6" CMF OR 5 5/8" CMU
- 8 - 8" CMF OR 7 5/8" CMU
- PARTITION NOTES:**
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MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.)
WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL
COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
 3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.
- PARTITION LEGEND**



1 AREA R2 - 2ND FLOOR PLAN
1/8" = 1'-0"

SHEET SHOWN FOR DOOR SCOPE ONLY



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3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND C.F.M.F. PARTITION REQUIREMENTS.
5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
- MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
- TACKBOARD - REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOW/STOREFRONT/CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

FLOOR PLAN LEGEND

REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.

- MASONRY VENEER
- STANDARD CMU
- CFMF PARTITION
- EXISTING CFMF PARTITION
- PARTITION TYPE TAGS**
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION

LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:

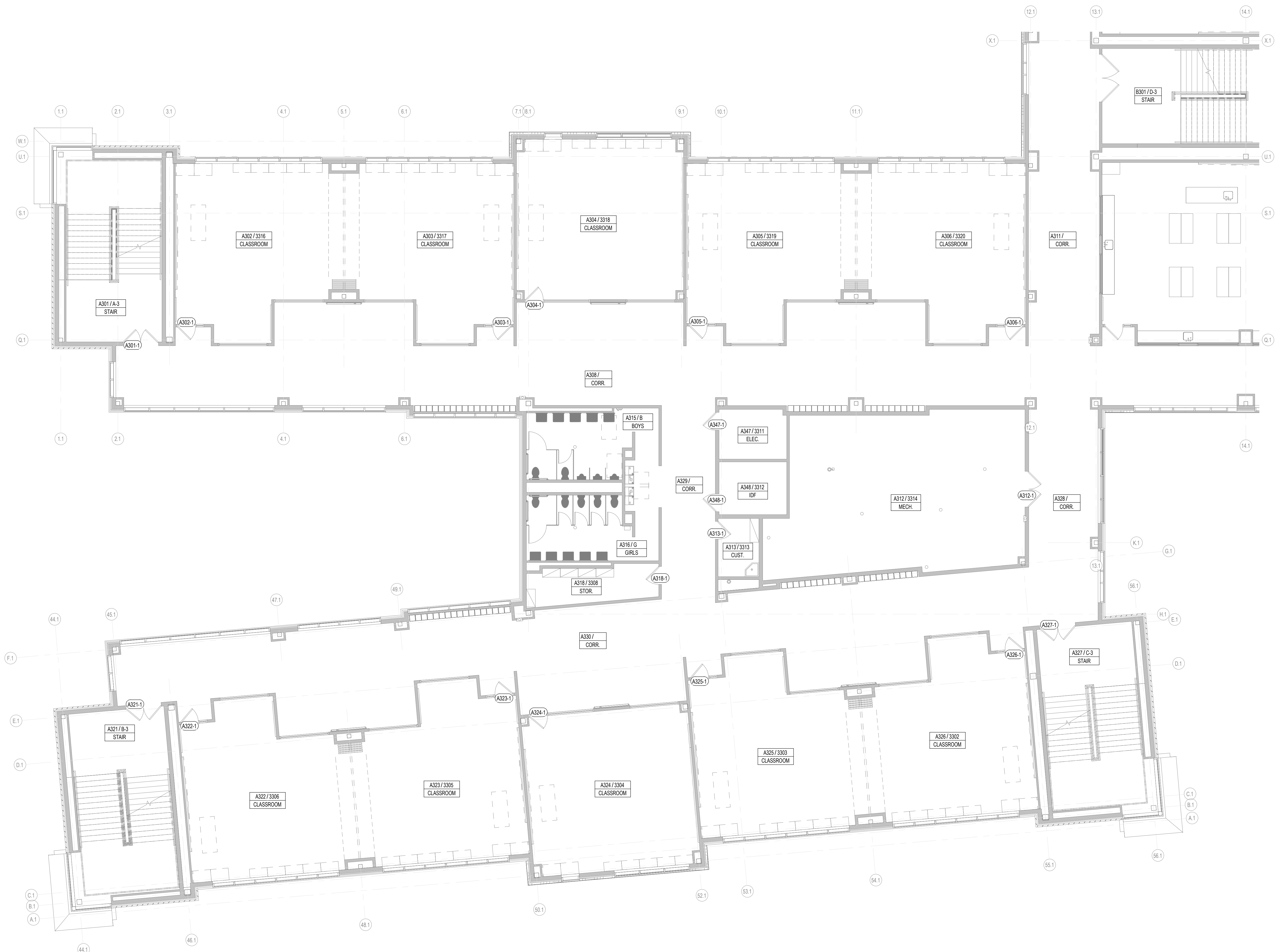
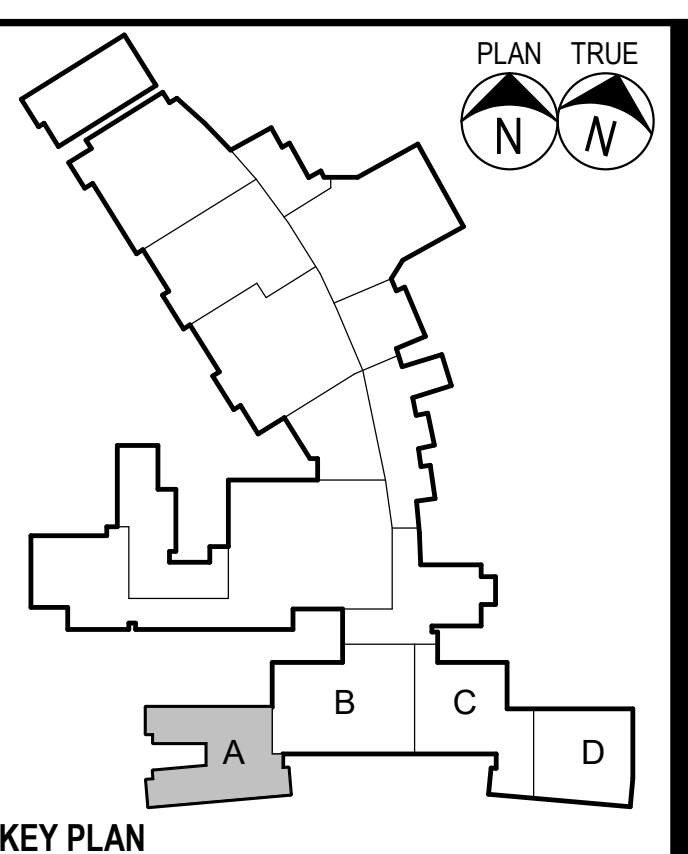
4 - 3/8" CFMF OR 3 5/8" CMU

6 - 6" CFMF OR 5 5/8" CMU

8 - 8" CFMF OR 7 5/8" CMU

- PARTITION NOTES:**
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
 2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES:
MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL
COLUMN FURNISH - TYPE AC, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
 3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND

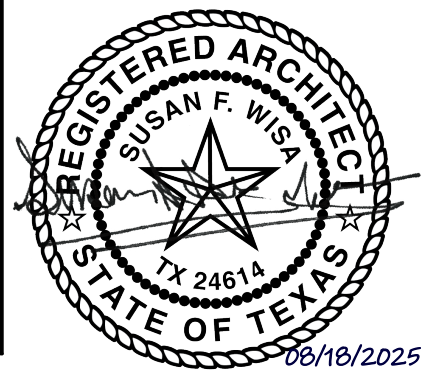


Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Huckabee
www.huckabee-inc.com
800.887.1229

AREA B3 - 3RD FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.27
Date:
06/18/2025

1. THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
2. ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

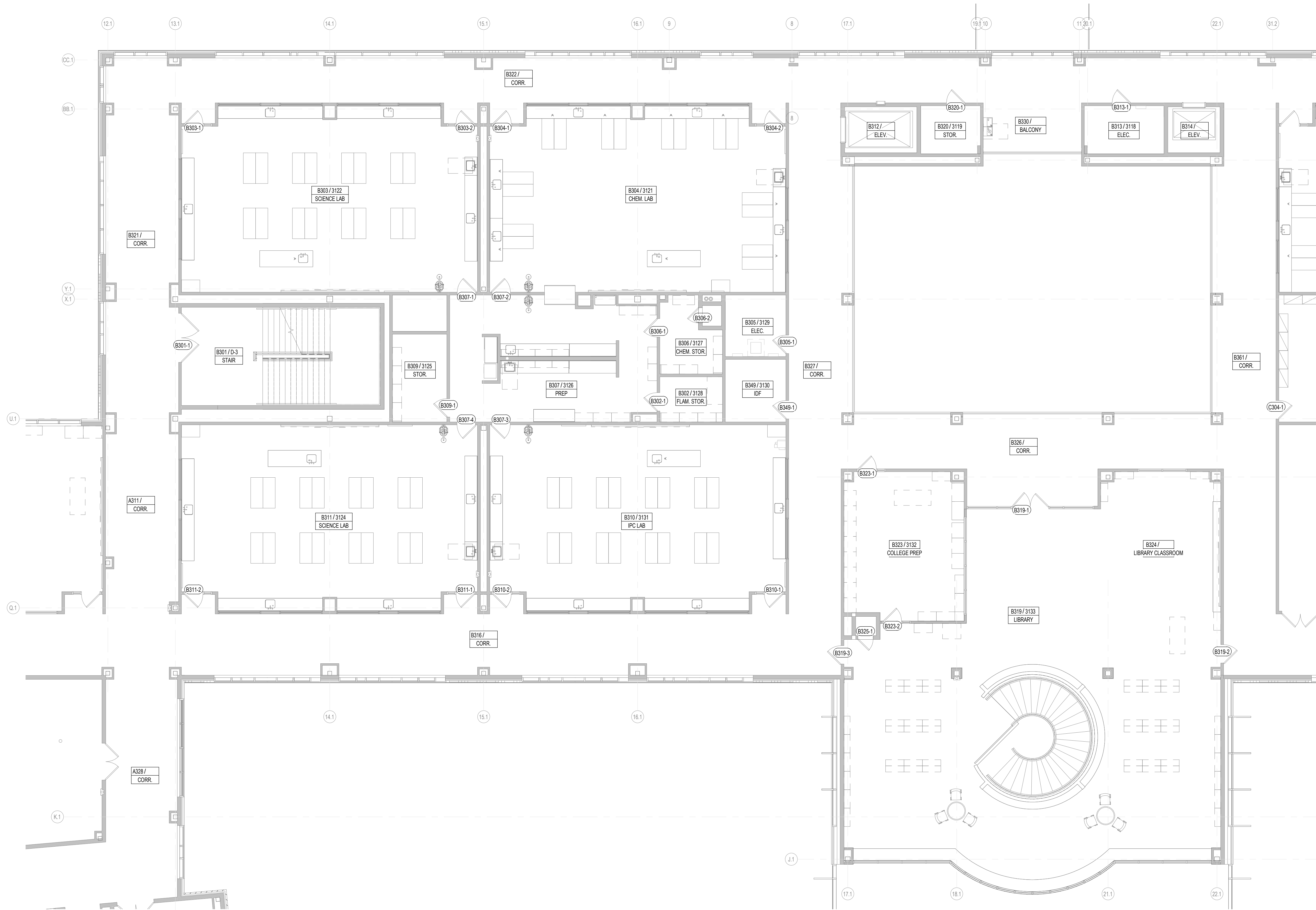
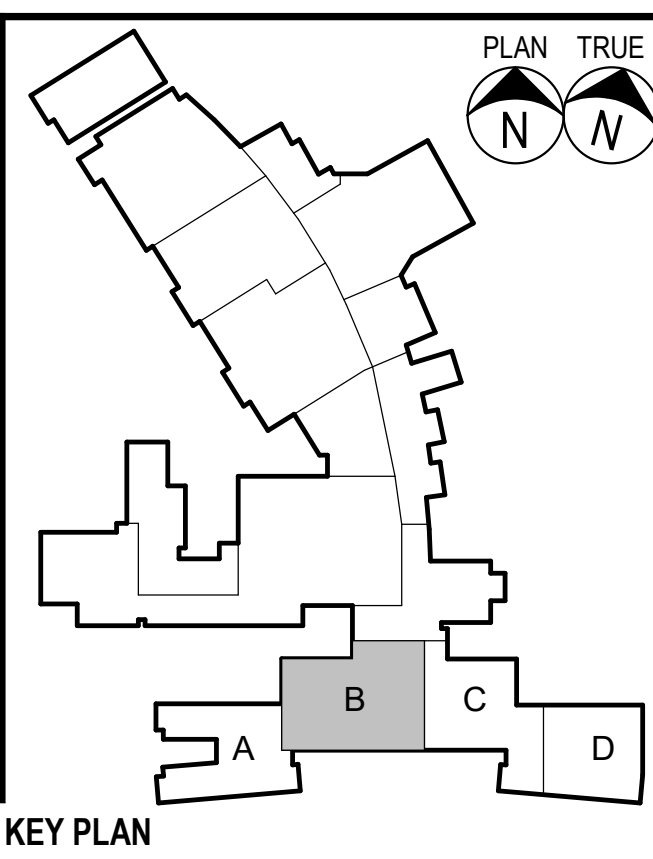
GENERAL FLOOR PLAN NOTES

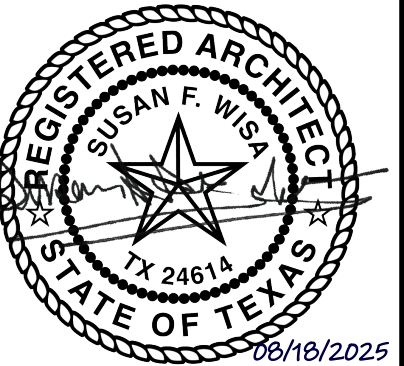
- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "A" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "A" @ KITCHEN AREAS
- MARKERBOARD
REF. TYP. DET. ON A4 SHEETS
- TACKBOARD
REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS
- WINDOWSTOREFRONT/CURTAIN WALL ASSEMBLY
TYPE - REF. A3 SHTS
- CALLOUT REFERENCE
- WALL SECTION REFERENCE XX/A101
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CMF PARTITION
- EXISTING CMF PARTITION
- PARTITION TYPE TAGS**
- A3 D
- WALL ASSEMBLY IN PLAN VIEW**
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:**
- 4 - 3/8" CMF OR 3 1/8" CMU
- 6 - 6" CMF OR 5 5/8" CMU
- 8 - 8" CMF OR 7 5/8" CMU
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- WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
- ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND





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3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
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6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
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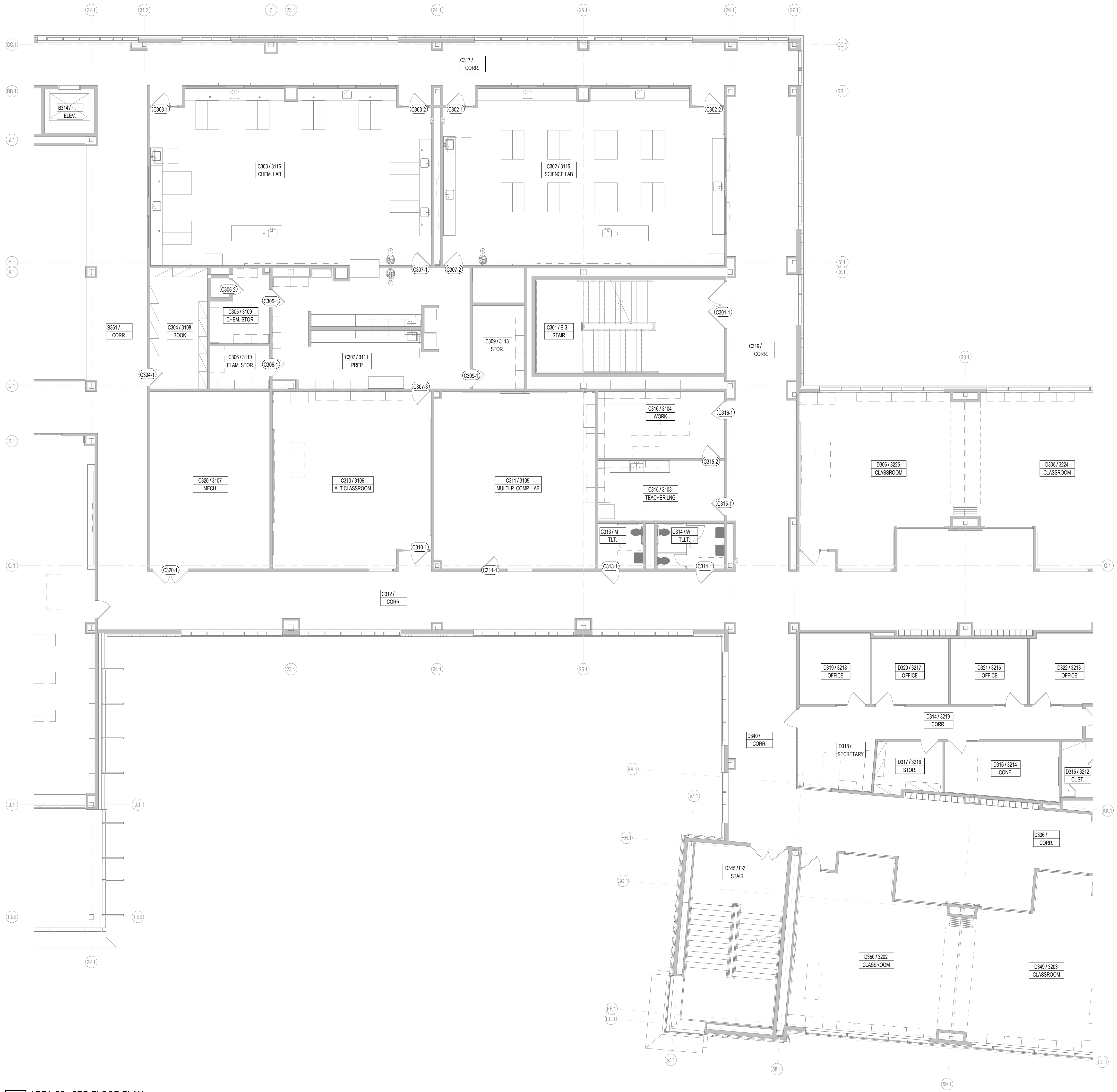
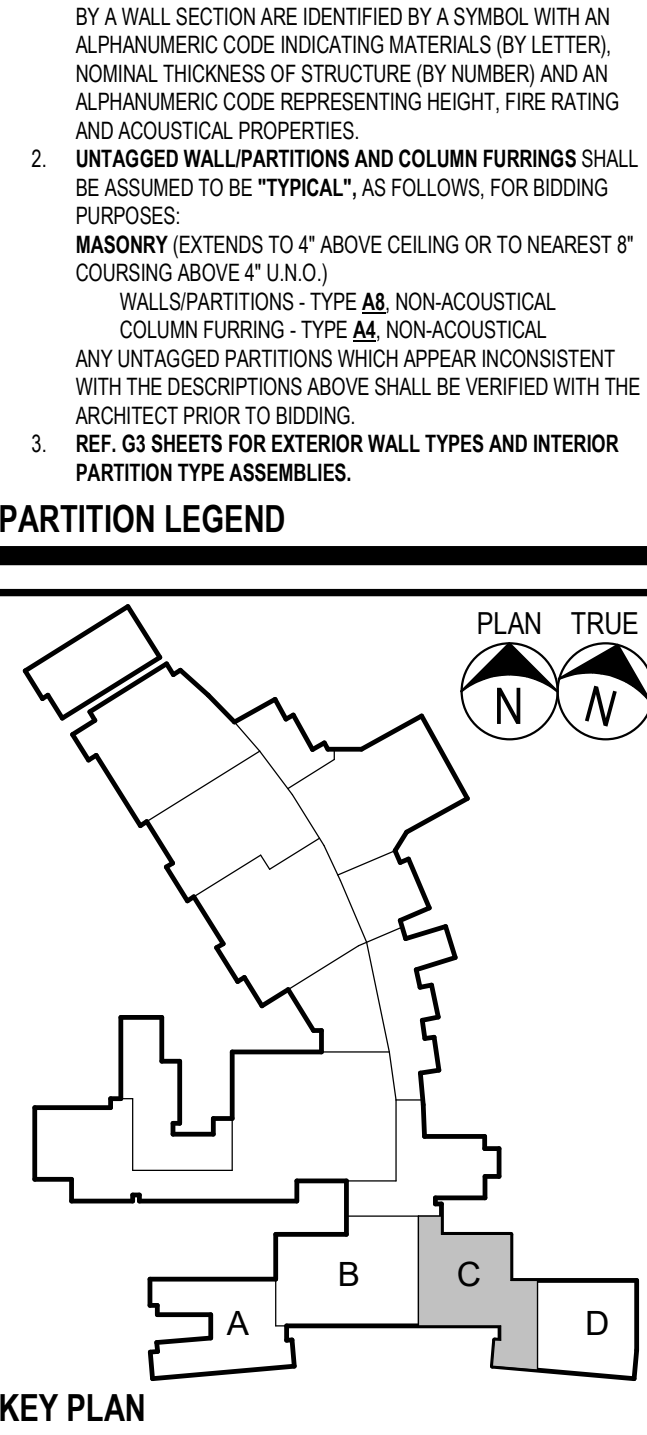
GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
- MARKERBOARD - REF. TYP. DET. ON A4 SHEETS
- TACKBOARD - REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOWSTOREFRONT CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

FLOOR PLAN LEGEND

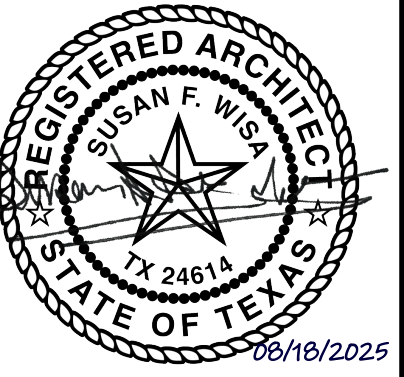
- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CMF PARTITION
- EXISTING CMF PARTITION
- PARTITION TYPE TAGS**
- A3 D
- WALL ASSEMBLY IN PLAN VIEW**
- LETTERS TO THE RIGHT** INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT** INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
- 4 - 3/8" CMF OR 3 5/8" CMU
- 6 - 6" CMF OR 5 5/8" CMU
- 8 - 8" CMF OR 7 5/8" CMU
- PARTITION NOTES:**
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
 2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES:
MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.)
WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL
COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
 3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND



1 AREA C3 - 3RD FLOOR PLAN
1/8" = 1'-0"

SHEET SHOWN FOR DOOR SCOPE ONLY



1. THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
2. ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F. MASONRY OR CONCRETE, U.N.O.
3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

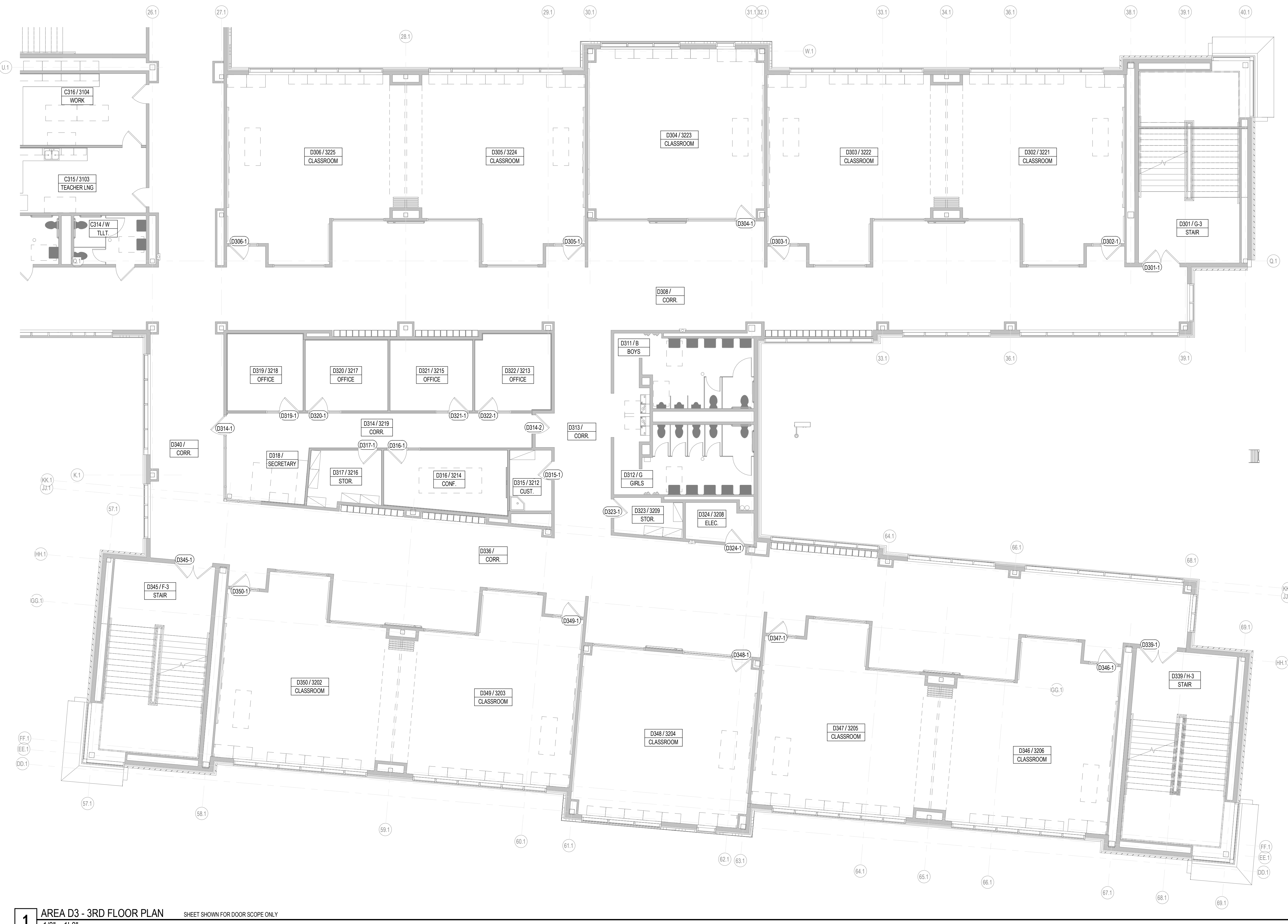
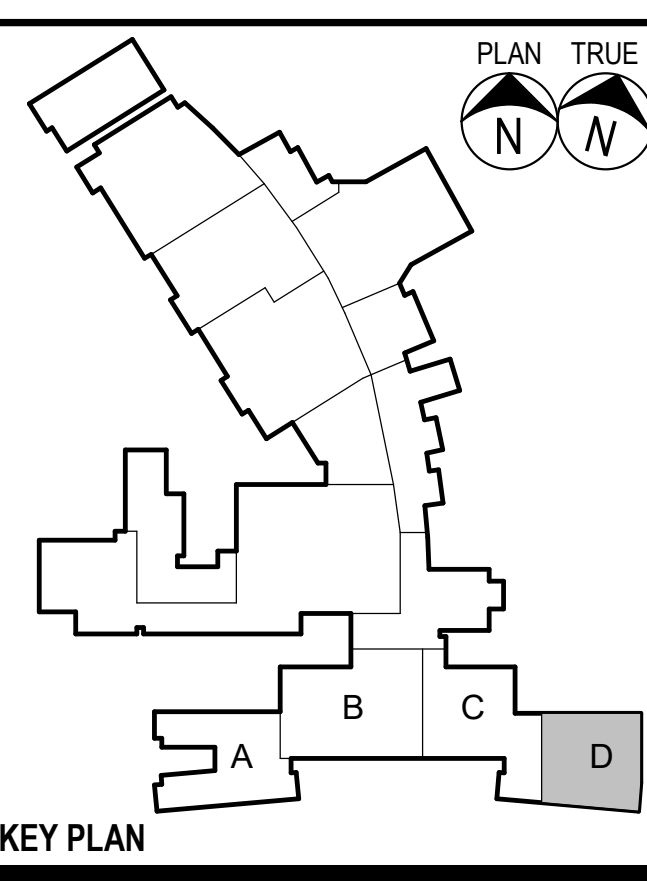
GENERAL FLOOR PLAN NOTES

- FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
- FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
- MARKER BOARD - REF. TYP. DET. ON A4 SHEETS
- TACKBOARD - REF. TYP. DET. ON A4 SHEETS
- DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS.
- WINDOWSTOREFRONTCURTAIN WALL ASSEMBLY TYPE - REF. A3 SHTS.
- CALLOUT REFERENCE
- WALL SECTION REFERENCE
- ELEVATION REFERENCE
- ROOM NUMBER & NAME

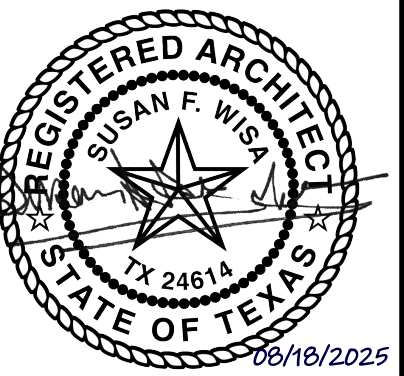
FLOOR PLAN LEGEND

- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
- MASONRY VENEER
- STANDARD CMU
- CMF PARTITION
- EXISTING CMF PARTITION
- PARTITION TYPE TAGS
- WALL ASSEMBLY IN PLAN VIEW
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
- 4 - 3/8" CMF OR 3 1/8" CMU
- 6 - 6" CMF OR 5 5/8" CMU
- 8 - 8" CMF OR 7 5/8" CMU
- PARTITION NOTES:
1. ALL INTERIOR WALL PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
2. UNTAGGED WALL PARTITIONS AND COLUMN FURNISHES SHALL BE ASSUMED TO BE "TYPICAL", AS FOLLOWS, FOR BIDDING PURPOSES.
- MASONRY EXTENDS TO 4" ABOVE CEILING OR TO NEAREST 8" COURSE ABOVE 4" U.N.O.
- WALL PARTITIONS - TYPE AB, NON-ACOUSTICAL
- COLUMN FURNISHES - TYPE AB, NON-ACOUSTICAL
- ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND

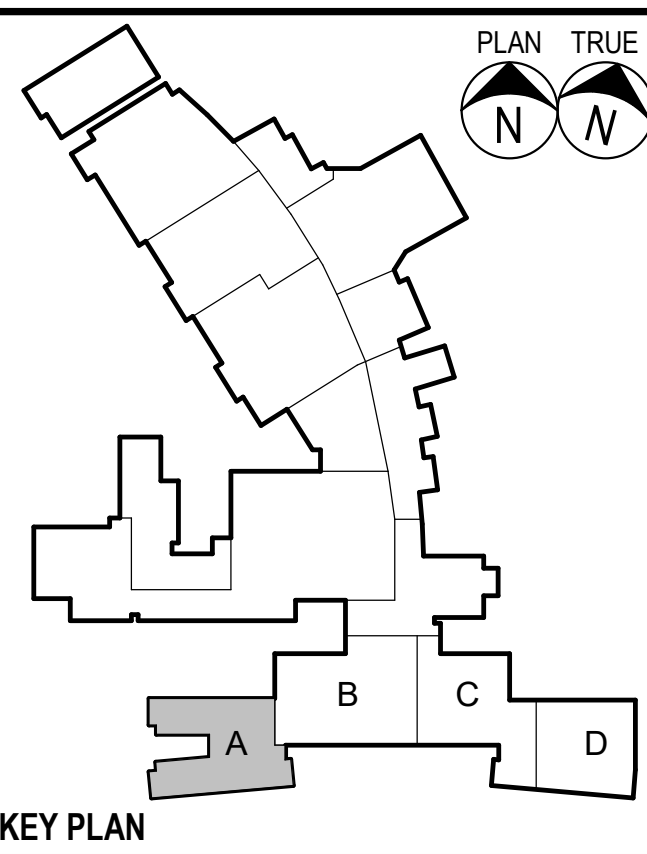


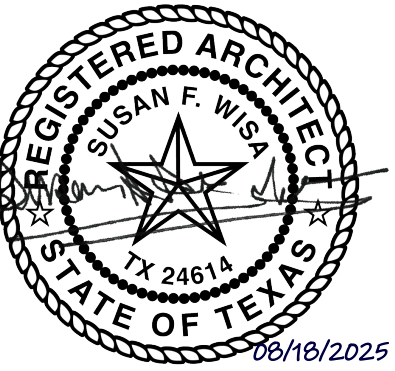
1 AREA D3 - 3RD FLOOR PLAN
1/8" = 1'-0"
SHEET SHOWN FOR DOOR SCOPE ONLY



1. THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
 2. ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F. MASONRY OR CONCRETE, U.N.O.
 3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
 4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND C.F.M.F. PARTITION REQUIREMENTS.
 5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
 6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
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 9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
 10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.
- GENERAL FLOOR PLAN NOTES**

- FLOOR PLAN LEGEND**
- REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.**
- MASONRY VENEER**
- STANDARD CMU**
- CFMF PARTITION**
- EXISTING CFMF PARTITION**
- PARTITION TYPE TAGS**
- WALL ASSEMBLY IN PLAN VIEW**
- LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.**
- D WALL TO DECK / STRUCTURE
- C WALL TO 6" (MIN) ABOVE CEILING
- FR FIRE RATED WALL TO DECK
- AD ACOUSTICAL WALL TO DECK
- AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
- AR ACOUSTICAL RATED WALL TO DECK
- GD GYP WALL ABOVE TO DECK
- SR SMOKE RESISTANT PARTITION
- LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:**
- 4 - 3/8" CFMF OR 3 5/8" CMU
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- 8 - 8" CFMF OR 7 5/8" CMU
- PARTITION NOTES:**
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COLUMN FURNISH - TYPE AC, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
 3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.
- PARTITION LEGEND**





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- SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
- SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CMF PARTITION REQUIREMENTS.
- SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
- REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
- VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
- PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D. AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
- ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
- EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

GENERAL FLOOR PLAN NOTES

FLOOR PLAN LEGEND

FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS

FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS

MARKERBOARD
REF. TYP. DET. ON A4 SHEETS

TACKBOARD
REF. TYP. DET. ON A4 SHEETS

DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHITS

WINDOWSTOREFRONTCURTAIN WALL ASSEMBLY
TYPE - REF. A3 SHITS

CALLOUT REFERENCE

WALL SECTION REFERENCE

ELEVATION REFERENCE

ROOM NUMBER & NAME

PARTITION TYPE TAGS

REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.

MASONRY VENEER

STANDARD CMU

CMF PARTITION

EXISTING CMF PARTITION

PARTITION TYPE TAGS

WALL ASSEMBLY IN PLAN VIEW

LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.

D WALL TO DECK / STRUCTURE

C WALL TO 6" (MIN) ABOVE CEILING

FR FIRE RATED WALL TO DECK

AD ACOUSTICAL WALL TO DECK

AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING

AR ACOUSTICAL RATED WALL TO DECK

GD GYP WALL ABOVE TO DECK

SR SMOKE RESISTANT PARTITION

LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:

4 - 3/8" CMF OR 3 1/8" CMU

6 - 6" CMF OR 5 5/8" CMU

8 - 8" CMF OR 7 5/8" CMU

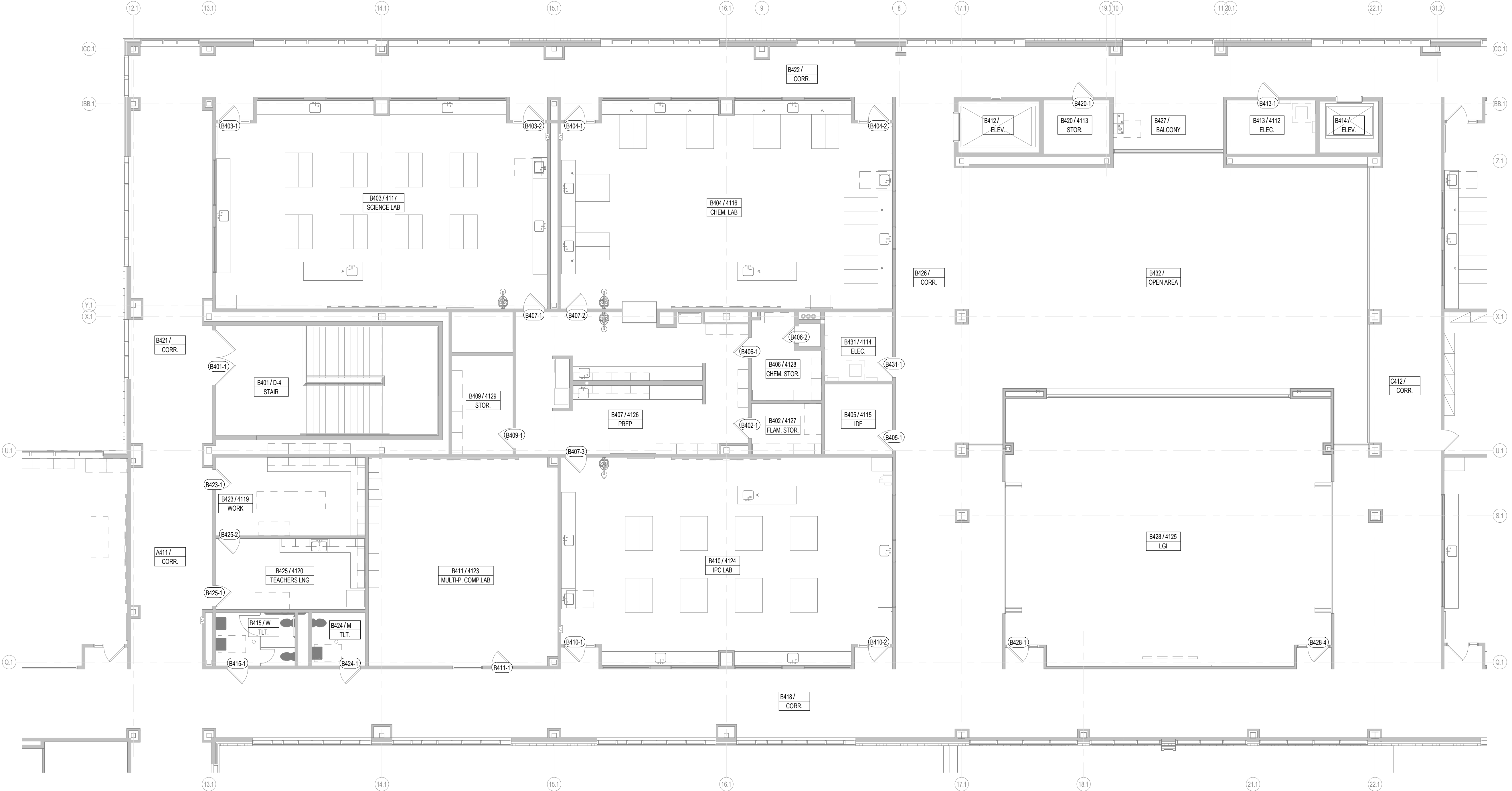
PARTITION NOTES:

- ALL INTERIOR WALL/PARTITIONS NOT OTHERWISE DESCRIBED BY A WALL SECTION ARE IDENTIFIED BY A SYMBOL WITH AN ALPHANUMERIC CODE INDICATING MATERIALS (BY LETTER), NOMINAL THICKNESS OF STRUCTURE (BY NUMBER) AND AN ALPHANUMERIC CODE REPRESENTING HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
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WALL/PARTITIONS - TYPE AB, NON-ACOUSTICAL
COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
ANY UNTAGGED PARTITIONS WHICH APPEAR INCONSISTENT WITH THE DESCRIPTIONS ABOVE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO BIDDING.
- REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND

PLAN TRUE
N

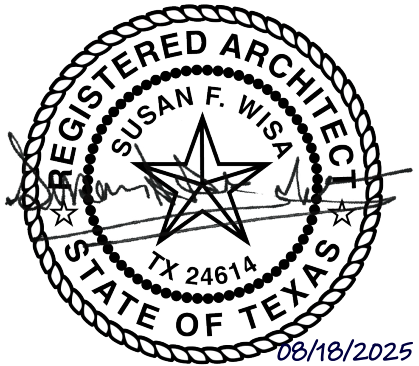
KEY PLAN



1 AREA B4 - 4TH FLOOR PLAN
1/8" = 1'-0"
SHEET SHOWN FOR DOOR SCOPE ONLY

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Huckabee
www.huckabee-inc.com
800.687.1229

AREA C4 - 4TH FLOOR PLAN

Job No.
01818-07-01
Sheet No.
A1.32
Drawn By:
PR
Date:
06/18/2025

1. THE CONTRACT DOCUMENTS ARE COMPRISED OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.
2. ALL ARCHITECTURAL FLOOR PLAN DIMENSIONS SHOWN ARE TO FACE OF C.F.M.F., MASONRY OR CONCRETE, U.N.O.
3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND CFMF PARTITION REQUIREMENTS.
5. SEE PLUMBING PLANS AND ENLARGED FLOOR PLANS FOR LOCATIONS OF FIXTURES.
6. REF. DOOR SCHEDULES AND DETAILS FOR MASONRY ROUGH OPENING SIZES.
7. VERIFY ALL MASONRY OPENINGS WITH MANUFACTURERS' PRODUCTS (E.G. FIRE EXTINGUISHER CABINETS, ELECTRICAL PANELS, ETC.).
8. PROVIDE WD. BLOCKING IN ALL GYP. BD. WALLS AS REQ'D AT LOCATIONS INCLUDING, BUT NOT LIMITED TO: HANDRAILS, TOILET ACCESSORIES, PROJECTORS, CASEWORK, TACK BD.'S, MARKER BD.'S, WALL STOPS & DOOR HOLDERS.
9. ALL EXISTING DOORS ARE TAGGED REGARDLESS OF ACTUAL HARDWARE SCOPE. RE. SCHEDULES AND HARDWARE SPECS FOR DOOR HARDWARE SCOPE.
10. EXISTING WINDOWS TAGGED W/ ASSEMBLY TYPE ARE TO RECEIVE SECURITY FILM PER FRAME ELEVATIONS. NON-TAGGED EXISTING WINDOW ASSEMBLIES DO NOT HAVE ANY SCOPE.

GENERAL FLOOR PLAN NOTES

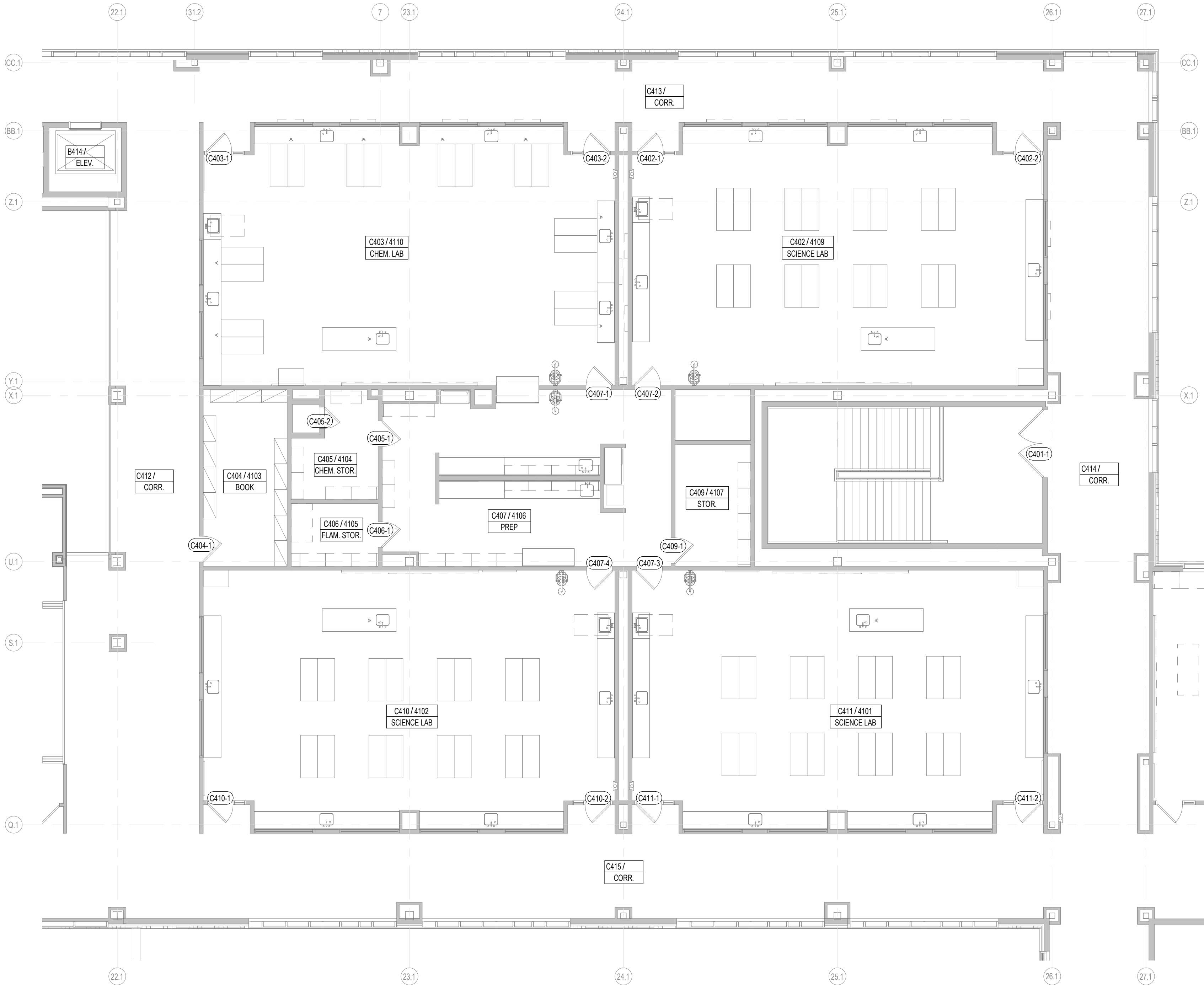
FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
 FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.400. PROVIDE TYPE "N" @ KITCHEN AREAS
 MARKERBOARD
REF. TYP. DET. ON A4 SHEETS
 TACKBOARD
REF. TYP. DET. ON A4 SHEETS
 DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHITS
 WINDOW STOREFRONT CURTAIN WALL ASSEMBLY
TYPE - REF. A3 SHITS
 CALLOUT REFERENCE
 WALL SECTION REFERENCE XX/A101
 ELEVATION REFERENCE
 ROOM NUMBER & NAME

FLOOR PLAN LEGEND

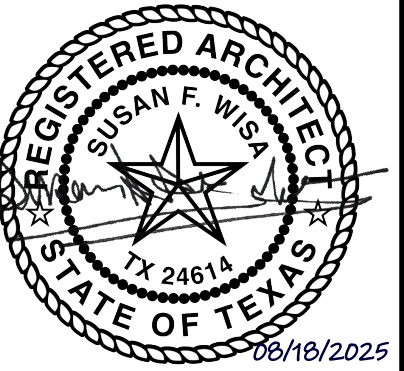
REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.
 MASONRY VENEER
 STANDARD CMU
 CFMF PARTITION
 EXISTING CFMF PARTITION
PARTITION TYPE TAGS
 A3 D
WALL ASSEMBLY IN PLAN VIEW
LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.
D WALL TO DECK / STRUCTURE
C WALL TO 6" (MIN) ABOVE CEILING
FR FIRE RATED WALL TO DECK
AD ACOUSTICAL WALL TO DECK
AC ACOUSTICAL WALL TO 6" (MIN) ABOVE CEILING
AR ACOUSTICAL RATED WALL TO DECK
GD GYP WALL ABOVE TO DECK
SR SMOKE RESISTANT PARTITION
LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:
4 - 3/8" CFMF OR 3 5/8" CMU
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PARTITION NOTES:
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COLUMN FURNISH - TYPE AB, NON-ACOUSTICAL
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3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND

PLAN TRUE
N
KEY PLAN



1 AREA C4 - 4TH FLOOR PLAN
1/8" = 1'-0"
SHEET SHOWN FOR DOOR SCOPE ONLY



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 4. SEE SPECIFICATIONS AND G3 SHEETS FOR ADDITIONAL MASONRY AND C.F.M.F. PARTITION REQUIREMENTS.
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- GENERAL FLOOR PLAN NOTES**

FLOOR PLAN LEGEND

FIRE EXTINGUISHER (WALL MOUNTED) - REF. SPEC. SECT. 10.440. PROVIDE TYPE "N" @ KITCHEN AREAS
 FIRE EXTINGUISHER CABINET - REF. SPEC. SECT. 10.440. PROVIDE TYPE "N" @ KITCHEN AREAS
 MARKER BOARD - REF. TYP. DET. ON A4 SHEETS
 TACKBOARD - REF. TYP. DET. ON A4 SHEETS
 DOOR ASSEMBLY NUMBER - REF. SCHEDULE ON A3 SHTS
 WINDOW/STOREROOF/CURTAIN WALL ASSEMBLY TYPE - REF. A3 SHTS
 CALLOUT REFERENCE
 WALL SECTION REFERENCE
 ELEVATION REFERENCE
 ROOM NUMBER & NAME

PARTITION TYPE TAGS

REF. TYP. CONST. DTLS. FOR ADDITIONAL INFO.

MASONRY VENEER
 STANDARD CMU
 CFMF PARTITION
 EXISTING CFMF PARTITION

PARTITION TYPE TAGS

WALL ASSEMBLY IN PLAN VIEW

LETTERS TO THE RIGHT INDICATE PARTITION HEIGHT, FIRE RATING AND ACOUSTICAL PROPERTIES.

D WALL TO DECK / STRUCTURE
C WALL TO 6" (MIN.) ABOVE CEILING
FR FIRE RATED WALL TO DECK
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AC ACOUSTICAL WALL TO 6" (MIN.) ABOVE CEILING
AR ACOUSTICAL RATED WALL TO DECK
GD GYP WALL ABOVE TO DECK
SR SMOKE RESISTANT PARTITION

LETTER & NUMBER TO THE LEFT INDICATE PARTITION TYPE & STUD OR CMU SIZE AS FOLLOWS:

4 - 3/8" CFMF OR 3 1/8" CMU
6 - 6" CFMF OR 5 5/8" CMU
8 - 8" CFMF OR 7 5/8" CMU

PARTITION NOTES:

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3. REF. G3 SHEETS FOR EXTERIOR WALL TYPES AND INTERIOR PARTITION TYPE ASSEMBLIES.

PARTITION LEGEND

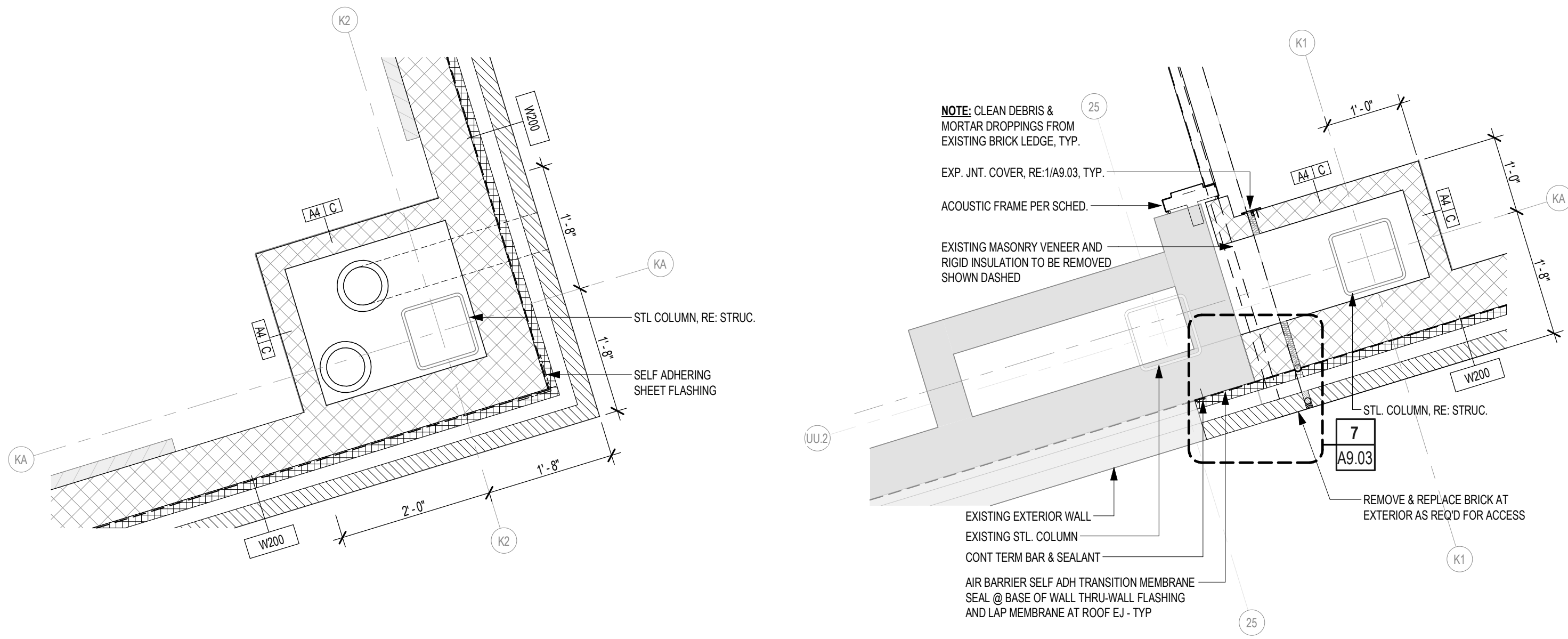
PLAN TRUE
N

KEY PLAN



8/15/2025 10:18:45 AM

Autodesk Docs\CYPRESS-FAIRBANKS ISD - BRIDGELAND HS RENOVATION\07-01_Bridgeland HS Renovation_ARCH_V2.rvt



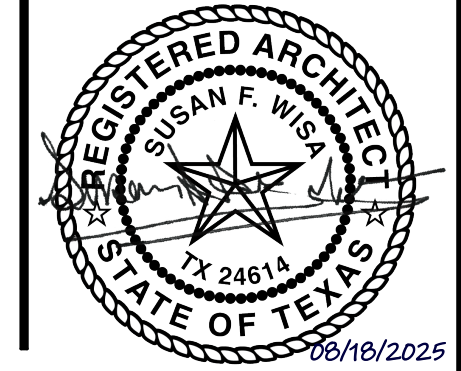
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Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



PLAN DETAILS

Job No.

01818-07-01

Drawn By:

PR

Date:

06/18/2025

Sheet No.

A1.34

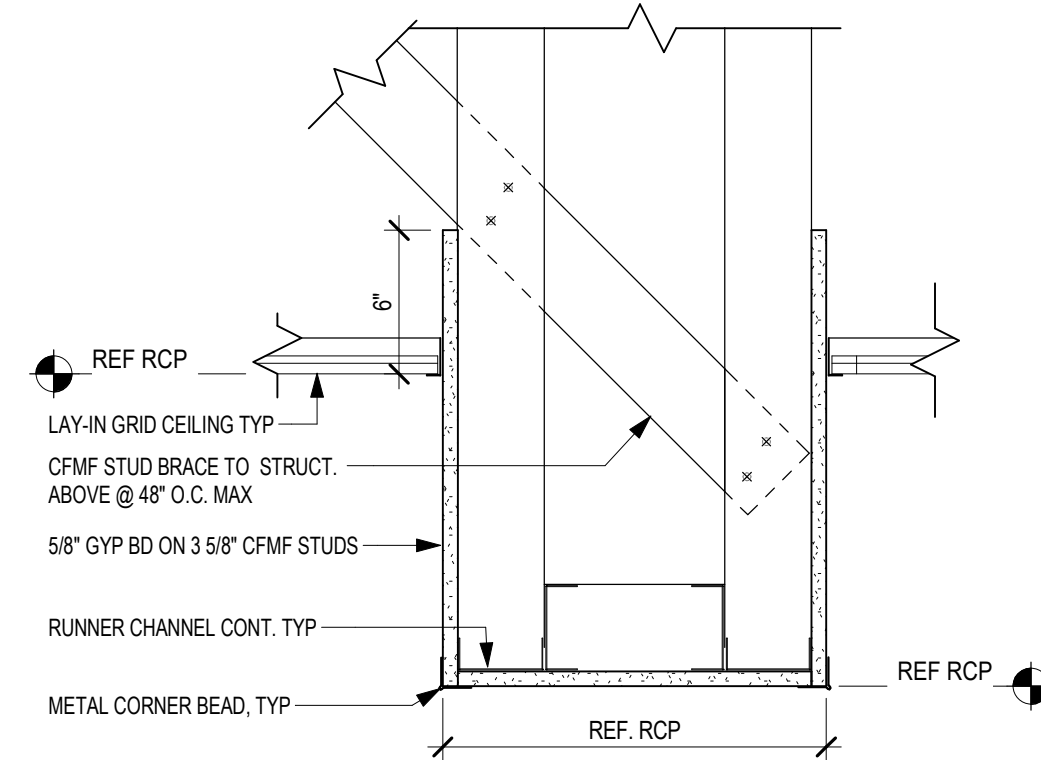


2 AREA F1 - REFLECTED CEILING PLAN
1/8" = 1'-0"

3 AREA L1 - REFLECTED CEILING PLAN
1/8" = 1'-0"



1 AREA E1 - REFLECTED CEILING PLAN
1/8" = 1'-0"

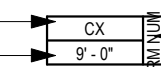


4 CLG DTL - LAY-IN TO BULK HEAD TO LAY-IN
1 1/2" = 1'-0"

- COORDINATE REFLECTED CEILING PLANS WITH MECHANICAL AND ELECTRICAL DRAWINGS TO AVOID CONFLICTS. VERIFY EXACT MOUNTING LOCATIONS OF ALL CEILING-MOUNTED EQUIPMENT PRIOR TO INSTALLATION. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR VERIFYING ALL ITEMS, EQUIPMENT, AND/OR DEVICES AT CEILING.
- PERIMETER WALLS AND/OR PERIMETER PARTITIONS OF ALL SPACES WITH EXPOSED STRUCTURE SHALL EXTEND TO BOTTOM OF DECK ABOVE. FINISH EXPOSED STRUCTURE AS SCHED.
- CEILING AND GRIDS AT ALL MDPS AND IDPS SHALL BE HELD OFF OF DISTRIBUTION WALL 6" TO ACCOMMODATE CABLING.
- PROVIDE 24"x24" ACCESS PANEL(S) IN ALL HARD CEILINGS FOR MAINTENANCE OF EQUIPMENT.
- ALL DIMENSIONS SHOWN ON REFLECTED CEILING PLAN DRAWINGS ARE FROM FACE OF FINISH U.N.O.

REFLECTED CEILING PLAN GENERAL NOTES

REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING FINISH MATERIALS AND PAINT FINISH CODES.

CEILING TYPE:  ROOM NUMBER

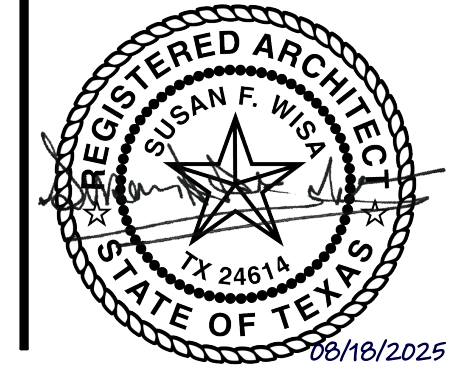
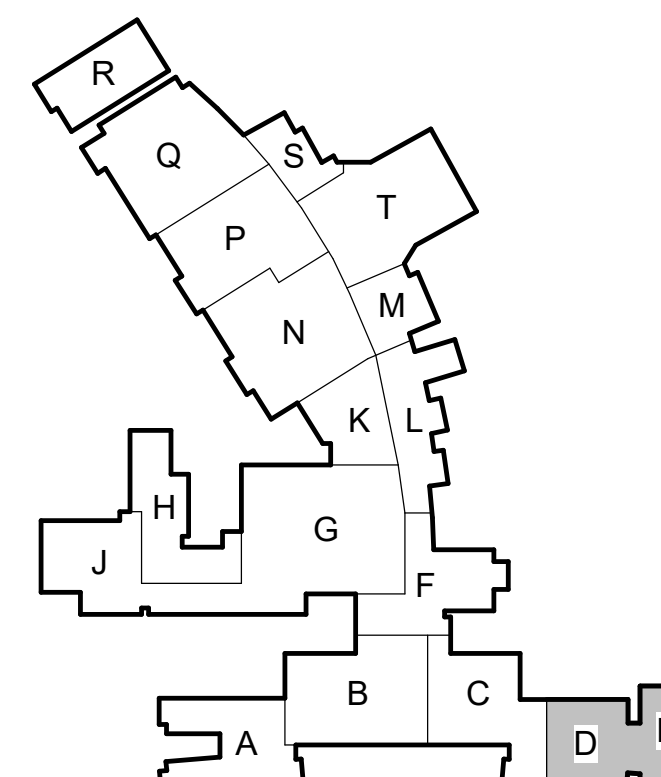
CEILING

- ES - EXPOSED DECK AND STRUCTURE
- GYP - 5/8" GYPSUM BOARD
- L1 - TYPE I 24" x 24" LAY-IN SUSPENDED CEILING TILE (CORRIDORS)
- L3 - TYPE III 24" x 24" LAY-IN SUSPENDED CEILING TILE (CLASSROOMS)
- L7 - TYPE VII 24" x 24" LAY-IN SUSPENDED CEILING TILE (ACOUSTICAL ABSORPTIVE - GEN. USE)

CEILING FINISH LEGEND

- LAY-IN CEILING
- EXISTING CEILING GRID/TILES/ACCESSORIES TO BE REINSTALLED. USE CAREFULLY STORE EXISTING GRID/TILES AS NEEDED TO REPLACE ANY DAMAGED GRID/TILES
- GYPSUM BOARD CEILING
- LIGHT FIXTURES - REF. ELECTRICAL
- HVAC GRILLE, DIFFUSER - REF. MECHANICAL DRAWINGS
- EXIT LIGHT - REF. ELECTRICAL DRAWINGS
- SPEAKER - REF. ELECTRICAL & TECHNOLOGY DRAWINGS

REFLECTED CEILING LEGEND



A3 - AREA J1 - DOOR SCHEDULE													
OPENING		OPENING		DOOR						FRAME		NOTES	OPENING NUMBER
NUMBER	H.W. SET	FIRE RATING	EXTERIOR	WIDTH	HEIGHT	TYPE	DR GLAZING	PANIC HARDWARE	MATERIAL	FRAME TYPE			
J101-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		J101-1	
J101-2	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		J101-2	
J102-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		J102-1	
J103-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9		J103-1	
J103-2	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9		J103-2	
J104-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		J104-1	
J104-2	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		J104-2	
J105-1	1	Yes	3'-0"	7'-6"	EXIST- AL-SF (PR)	EXIST	No	EXIST	EXIST	6		J105-1	
J109-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9		J109-1	
J110-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		J110-1	
J111-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		J111-1	
J112-2	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		J112-2	
J112-1	1	Yes	3'-0"	7'-6"	EXIST- AL-SF (PR)	EXIST	Yes	EXIST	EXIST	6		J112-1	
J113-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		J113-1	
J114-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		J114-1	
J115-1	3,1	Yes	3'-0"	7'-6"	EXIST- HMFL	--	Yes	EXIST	EXIST B	7		J115-1	
J115-3	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		J115-3	
J116-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		J116-1	
J116-2	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		J116-2	
J117-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9		J117-1	
J118-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		J118-1	
J118-2	-	No	3'-0"	7'-6"	EXIST- SCFL	EXIST	--	No	EXIST	EXIST B	9		J118-2
J119-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9		J119-1	
J120-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9		J120-1	
J121-1	-	No	4'-0"	7'-6"	EXIST- SC-FL (PR)	--	No	EXIST	EXIST B	9		J121-1	
J128-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		J128-1	
J130-1	-	No	3'-0"	7'-6"	EXIST- SCFL (PR)	--	No	EXIST	EXIST	9		J130-1	
J130-2	-	Yes	6'-0"	7'-6"	EXIST- HMFL (PR)	--	No	EXIST	EXIST B	9		J130-2	
J131-1	3	Yes	3'-0"	7'-6"	EXIST- HMFL	--	Yes	EXIST	EXIST B	5		J131-1	
J132-1	-	No	3'-0"	7'-6"	EXIST- SCFL	EXIST	--	No	EXIST	EXIST	9		J132-1
J132-2	-	No	3'-0"	7'-6"	EXIST- SCFL	EXIST	--	No	EXIST	EXIST B	9		J132-2
J133-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		J133-1	
J135-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		J135-1	
J136-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9		J136-1	
J137-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9		J137-1	
J138-1	-	No	3'-0"	7'-6"	EXIST- SCFL (PR)	--	No	EXIST	EXIST B	9		J138-1	

A3 - AREA K1 - DOOR SCHEDULE													
OPENING NUMBER	H.W. SET	OPENING FIRE RATING	EXTERIOR	WIDTH	HEIGHT	DOOR TYPE	DR GLAZING	PANIC HARDWARE	MATERIAL	FRAME TYPE	NOTES	OPENING NUMBER	
K103-1	-	No	6'-0"	7'-6"	EXIST- HMFL (PR)	--	No	EXIST	EXIST	9		K103-1	
K103-2	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		K103-2	
K104-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		K104-1	
K106-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		K106-1	
K107-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		K107-1	
K108-1	-	No	3'-0"	7'-6"	EXIST- HMFL (PR)	--	No	EXIST	EXIST	9		K108-1	
K109-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		K109-1	
K110-1	7	No	4'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		K110-1	
K111-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		K111-1	
K111-2	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		K111-2	
K112-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		K112-1	
K112-2	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		K112-2	
K113-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		K113-1	
K114-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		K114-1	
K114-2	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		K114-2	

A3 - AREA L1 - DOOR SCHEDULE														
OPENING NUMBER	H.W. SET	OPENING FIRE RATING	EXTERIOR	WIDTH	HEIGHT	DOOR TYPE	DR GLAZING	PANIC HARDWARE	MATERIAL	FRAME TYPE	NOTES	OPENING NUMBER		
L102-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		L102-1		
L103-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		L103-1		
L105-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		L105-1		
L106-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		L106-1		
L106-1	7	No	3'-0"	7'-6"	EXIST- SCFL	EXIST	--	No	EXIST	EXIST	9		L106-1	
L109-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		L109-1		
L110-1	-	No	4'-0"	7'-6"	EXIST- SCAL	EXIST	Yes	EXIST	EXIST	9		L110-1		
L110-2	3	Yes	4'-0"	7'-6"	EXIST- HMFL	--	Yes	EXIST	EXIST	9		L110-2		
L111-1	-	No	3'-0"	7'-6"	EXIST- SCFL (PR)	--	No	EXIST	EXIST	9		L111-1		
L112-1	-	No	4'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		L112-1		
L113-1	4	Yes	3'-0"	7'-6"	EXIST- AL-SF (PR)	EXIST	Yes	EXIST	EXIST	5		L113-1		
L114-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		L114-1		
L115-1	-	No	3'-0"	7'-6"	EXIST- SCAL	EXIST	--	No	EXIST	EXIST	9		L115-1	
L116-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		L116-1		
L117-1	-	No	4'-0"	7'-6"	EXIST- SCAL	EXIST	Yes	EXIST	EXIST	9		L117-1		
L117-2	4	Yes	4'-0"	7'-6"	EXIST- HMFL	--	Yes	EXIST	EXIST	9		L117-2		
L118-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		L118-1		
L119-1	-	No	3'-0"	7'-6"	EXIST- SCAL	EXIST	--	No	EXIST	EXIST	9		L119-1	
L120-1	-	No	4'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		L120-1		
L121-1	-	No	3'-0"	7'-6"	EXIST- SCAL	EXIST	--	No	EXIST	EXIST	9		L121-1	
L122-1	-	No	3'-0"	7'-6"	EXIST- SCAL	EXIST	No	EXIST	EXIST	9		L122-1		
L123-1	-	No	3'-0"	7'-6"	EXIST- SCAL	EXIST	--	No	EXIST	EXIST	9		L123-1	
L124-1	-	No	3'-0"	7'-6"	EXIST- SCAL	EXIST	--	No	EXIST	EXIST	9		L124-1	
L125-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		L125-1		
L126-1	-	No	4'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		L126-1		
L127-1	-	No	4'-0"	7'-6"	EXIST- SCAL	EXIST	Yes	EXIST	EXIST	9		L127-1		
L127-2	4,1	Yes	4'-0"	7'-6"	EXIST- HMFL	--	Yes	EXIST	EXIST	9, 10		L127-2		
L128-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		L128-1		
L129-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		L129-1		
L130-1	14	No	4'-0"	7'-6"	HMANL	GTC	No	HM	B	3		L130-1		
L132-1	16	No	3'-0"	7'-6"	HMANL	GTC	No	HM	B	3		L132-1		
L133-1	16	No	3'-0"	7'-6"	HMANL	GTC	No	HM	B	3		L133-1		
L134-1	16	No	3'-0"	7'-6"	HMANL	GTC	No	HM	B	3		L134-1		
L135-1	16	No	4'-0"	7'-6"	HMANL	GTC	No	HM	B	3		L135-1		

A3 - AREA M1 - DOOR SCHEDULE													
OPENING NUMBER	H.W. SET	OPENING FIRE RATING	EXTERIOR	WIDTH	HEIGHT	DOOR TYPE	DR GLAZING	PANIC HARDWARE	MATERIAL	FRAME TYPE	NOTES	OPENING NUMBER	
M101-1	-	No	4'-0"	7'-6"	EXIST- SCFL	EXIST	-	No	EXIST	EXIST B	9	M101-1	
M102-1	-	No	3'-0"	7'-6"	EXIST- SCFL	EXIST	-	No	EXIST	EXIST B	9	M102-1	
M103-1	-	No	3'-0"	7'-6"	EXIST- SCFL	EXIST	-	No	EXIST	EXIST B	9	M103-1	
M104-1	-	No	3'-0"	7'-6"	EXIST- SCFL	EXIST	-	No	EXIST	EXIST B	9	M104-1	
M105-1	-	No	3'-0"	7'-6"	EXIST- SCFL	EXIST	-	No	EXIST	EXIST B	9	M105-1	
M106-1	-	No	3'-0"	7'-6"	EXIST- SCFL	EXIST	-	No	EXIST	EXIST	9	M106-1	
M107-1	1	Yes	3'-0"	7'-6"	EXIST- AL-SF (PR)	EXIST	Yes	EXIST	EXIST	EXIST	6	M107-1	
M108-1	-	No	4'-0"	7'-6"	EXIST- SCFL	EXIST	Yes	EXIST	EXIST	EXIST B	9	M108-1	
M109-1	-	No	3'-0"	7'-6"	EXIST- SCFL	-	No	EXIST	EXIST	EXIST	9	M109-1	
M110-1	-	No	3'-0"	7'-6"	EXIST- SCFL	EXIST	-	No	EXIST	EXIST B	9	M110-1	
M111-1	-	No	4'-0"	7'-6"	EXIST- SCFL	EXIST	-	No	EXIST	EXIST B	9	M111-1	
M112-1	-	No	4'-0"	7'-6"	EXIST- PL-FL	EXIST	-	No	EXIST	EXIST	EXIST B	9	M112-1
M113-1	-	No	4'-0"	7'-6"	EXIST- PL-FL	-	No	EXIST	EXIST	EXIST B	9	M113-1	
M114-1	-	No	4'-0"	7'-6"	EXIST- SCFL	EXIST	Yes	EXIST	EXIST	EXIST	9	M114-1	
M115-1	-	No	4'-0"	7'-6"	EXIST- SCFL	EXIST	-	No	EXIST	EXIST	EXIST B	9	M115-1
M116-1	-	No	4'-0"	7'-6"	EXIST- PL-FL	-	No	EXIST	EXIST	EXIST B	9	M116-1	
M117-1	3	Yes	6'-0"	7'-6"	EXIST- HMFL (PR)	-	Yes	EXIST	EXIST	EXIST B	5	M117-1	
M117-2	-	No	4'-0"	7'-6"	EXIST- SCFL	EXIST	-	No	EXIST	EXIST	EXIST B	9	M117-2
M118-1	-	No	3'-0"	7'-6"	EXIST- SCFL (PR)	-	No	EXIST	EXIST	EXIST	9	M118-1	

A3 - AREA F1 - DOOR SCHEDULE														
OPENING NUMBER	H.W. SET	OPENING FIRE RATING	EXTERIOR	WIDTH	HEIGHT	DOOR TYPE	DR GLAZING	PANIC HARDWARE	MATERIAL	FRAME TYPE	NOTES	OPENING NUMBER		
F103-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		F103-1		
F103-2	4	Yes	3'-0"	7'-6"	EXIST- AL-SF	EXIST	--	No	EXIST	EXIST	5		F103-2	
F103-3	-	No	3'-0"	7'-6"	EXIST- PL-OT	--	No	EXIST	EXIST	9		F103-3		
F104-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F104-1		
F105-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F105-1		
F106-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F106-1		
F108-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F108-1		
F109-1	4	Yes	3'-0"	7'-6"	EXIST- AL-SF	EXIST	--	No	EXIST	EXIST	5		F109-1	
F110-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F110-1		
F111-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F111-1		
F112-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F112-1		
F113-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F113-1		
F114-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F114-1		
F115-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		F115-1		
F115-2	4	Yes	3'-0"	7'-6"	EXIST- AL-SF	EXIST	--	No	EXIST	EXIST	5		F115-2	
F116-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F116-1		
F116-2	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F116-2		
F118-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F118-1		
F119-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F119-1		
F119-2	-	No	4'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F119-2		
F120-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F120-1		
F121-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F121-1		
F122-1	-	No	4'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F122-1		
F123-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F123-1		
F123-2	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F123-2		
F124-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F124-1		
F124-2	-	No	4'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F124-2		
F125-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F125-1		
F125-2	-	No	4'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F125-2		
F126-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F126-1		
F127-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F127-1		
F128-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F128-1		
F129-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F129-1		
F130-1	-	No	3'-0"	7'-6"	EXIST- SCML	EXIST	--	No	EXIST	EXIST	9		F130-1	
F131-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F131-1		
F132-1	-	No	3'-0"	7'-6"	EXIST- AL-SF (PR)	EXIST	--	No	EXIST	EXIST	5		F132-1	
F134-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F134-1		
F135-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F135-1		
F136-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F136-1		
F137-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F137-1		
F138-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F138-1		
F139-1	5	No	3'-0"	7'-6"	EXIST- SCML	EXIST	--	No	EXIST	EXIST	4		F139-1	
F140-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F140-1		
F141-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F141-1		
F142-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F142-1		
F144-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F144-1		
F145-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F145-1		
F146-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	Yes	EXIST	EXIST	9		F146-1		
F147-1	-	No	3'-0"	7'-6"	EXIST- SCML	EXIST	--	No	EXIST	EXIST	9		F147-1	
F148-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F148-1		
F150-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F150-1		
F152-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F152-1		
F153-1	7	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	4		F153-1		
F154-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F154-1		
F155-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F155-1		
F156-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F156-1		
F157-1	7	No	3'-0"	7'-6"	EXIST- AL-SF	EXIST	--	No	EXIST	EXIST	5		F157-1	
F160-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F160-1		
F162-1	7	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	4		F162-1		
F163-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F163-1		
F164-1	15	No	3'-0"	7'-6"	SC-RL	GLSE	Yes	AL	B	9		F164-1		
F165-1	7	No	3'-0"	7'-6"	---	CASED OPENING	--	No	EXIST	EXIST	4		F165-1	
F166-1	-	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST	9		F166-1		
F167-1	-	No	3'-0"	7'-6"	EXIST- SCFL	--	No	EXIST	EXIST	9		F167-1		
F168-1	1	No	3'-0"	7'-6"	EXIST- AL-SF	EXIST	--	No	EXIST	EXIST	6		F168-1	
F170-1	-	No	3'-0"	7'-6"	EXIST- AL-SF (PR)	EXIST	--	No	EXIST	EXIST	6		F170-1	
F171-1	-	No	3'-0"	7'-6"	EXIST- AL-SF (PR)	EXIST	--	No	EXIST	EXIST	4		F171-1	
F172-1	7	No	3'-0"	7'-6"	EXIST- AL-SF (PR)	EXIST	--	No	EXIST	EXIST	4		F172-1	
F173-1	2	Yes	3'-0"	7'-6"	EXIST- AL-SF (PR)	EXIST	--	No	EXIST	EXIST	7		F173-2	
F174-1	3	Yes	6'-0"	7'-6"	EXIST- IM-H (PR)	EXIST	--	No	EXIST	EXIST	8		F174-1	

A3 - AREA A4 - DOOR SCHEDULE														
OPENING NUMBER	H.W. SET	OPENING		DOOR					FRAME				OPENING NUMBER	
		FIRE RATING	EXTERIOR	WIDTH	HEIGHT	TYPE	DR GLAZING	PANIC HARDWARE	MATERIAL	FRAME TYPE	NOTES			
A401-1	-	No	No	6'-0"	7'-6"	EXIST- SCNL (PR)	EXIST	No	EXIST	EXIST B	9	A401-1		
A402-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	A402-1		
A403-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	A403-1		
A404-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	9	A404-1		
A405-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	A405-1		
A406-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	A406-1		
A412-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	A412-1		
A413-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST B	9	A413-1		
A421-1	-	No	No	6'-0"	7'-6"	EXIST- SCNL (PR)	EXIST	No	EXIST	EXIST B	9	A421-1		
A422-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	A422-1		
A423-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	A423-1		
A424-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	9	A424-1		
A425-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	A425-1		
A426-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	A426-1		
A427-1	-	No	No	6'-0"	7'-6"	EXIST- SCNL (PR)	EXIST	No	EXIST	EXIST B	9	A427-1		
A428-1	7	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	4	A428-1		
A430-1	7	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	4	A430-1		
A431-1	7	No	No	3'-0"	7'-6"	EXIST- SC-FL	EXIST	Yes	EXIST	EXIST B	4	A431-1		
A432-1	7	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	4	A432-1		
A433-1	7	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	4	A433-1		
A434-1	7	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	4	A434-1		
A435-1	7	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	4	A435-1		
A436-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	A436-1		

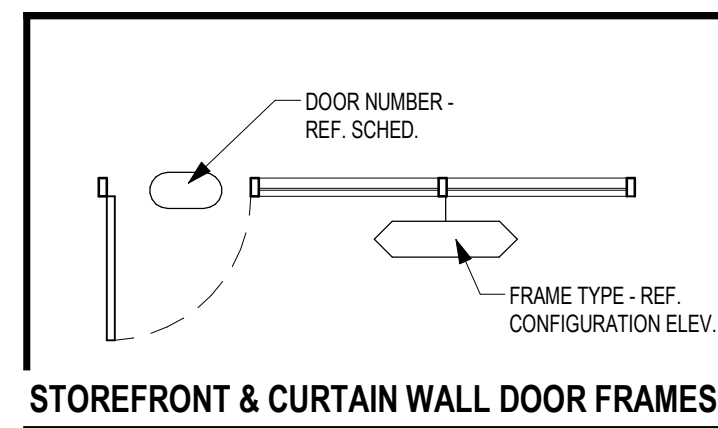
A3 - AREA B4- DOOR SCHEDULE														
OPENING NUMBER	H.W. SET	OPENING		DOOR							FRAME		NOTES	OPENING NUMBER
		FIRE RATING	EXTERIOR	WIDTH	HEIGHT	TYPE	DR GLAZING	PANIC HARDWARE	MATERIAL	FRAME TYPE				
B401-1	-	No	No	6'-0"	7'-6"	EXIST- SCNL (PR)	EXIST	No	EXIST	EXIST B	9	B401-1		
B402-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	B402-1		
B403-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	9	B403-1		
B403-2	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	B403-2		
B404-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	B404-1		
B404-2	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	B404-2		
B405-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	B405-1		
B406-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	B406-1		
B406-2	-	No	No	2'-6"	3'-0"	EXIST- HM-FL	--	No	EXIST	EXIST B	9	B406-2		
B407-1	-	No	No	3'-0"	7'-6"	EXIST- SCNL	EXIST	No	EXIST	EXIST B	9	B407-1		
B407-2	-	No	No	3'-0"	7'-6"	EXIST- SCNL	EXIST	No	EXIST	EXIST B	9	B407-2		
B407-3	-	No	No	3'-0"	7'-6"	EXIST- SCNL	EXIST	No	EXIST	EXIST B	9	B407-3		
B409-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	B409-1		
B410-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	B410-1		
B410-2	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	B410-2		
B411-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	B411-1		
B413-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	B413-1		
B415-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	B415-1		
B420-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	B420-1		
B423-1	7	No	No	3'-0"	7'-6"	EXIST- SCNL	EXIST	No	EXIST	EXIST B	4	B423-1		
B424-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	B424-1		
B425-1	7	No	No	3'-0"	7'-6"	EXIST- SCNL	EXIST	No	EXIST	EXIST B	4	B425-1		
B425-2	-	No	No	3'-0"	7'-6"	EXIST- SCNL	EXIST	No	EXIST	EXIST B	9	B425-2		
B428-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	9	B428-1		
B429-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	9	B429-1		
B431-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	B431-1		

A3 - AREA C4 - DOOR SCHEDULE														
OPENING NUMBER	OPENING			DOOR					FRAME TYPE		NOTES	OPENING NUMBER		
	H.W. SET	FIRE RATING	EXTERIOR	WIDTH	HEIGHT	TYPE	DR GLAZING	PANIC HARDWARE	MATERIAL	FRAME TYPE				
C401-1	-	No	No	6'-0"	7'-6"	EXIST- SCNL (PR)	EXIST	No	EXIST	EXIST B	9	C401-1		
C402-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	C402-1		
C402-2	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	C402-2		
C403-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	C403-1		
C403-2	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	C403-2		
C404-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	C404-1		
C405-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	C405-1		
C405-2	-	No	No	2'-6"	3'-0"	EXIST- HM-FL	--	No	EXIST	EXIST B	9	C405-2		
C406-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	C406-1		
C407-1	-	No	No	3'-0"	7'-6"	EXIST- SC-NL	EXIST	No	EXIST	EXIST B	9	C407-1		
C407-2	-	No	No	3'-0"	7'-6"	EXIST- SC-NL	EXIST	No	EXIST	EXIST B	9	C407-2		
C407-3	-	No	No	3'-0"	7'-6"	EXIST- SC-NL	EXIST	No	EXIST	EXIST B	9	C407-3		
C407-4	-	No	No	3'-0"	7'-6"	EXIST- SC-NL	EXIST	No	EXIST	EXIST B	9	C407-4		
C409-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	C409-1		
C410-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	C410-1		
C410-2	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	C410-2		
C411-1	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	C411-1		
C411-2	-	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	C411-2		

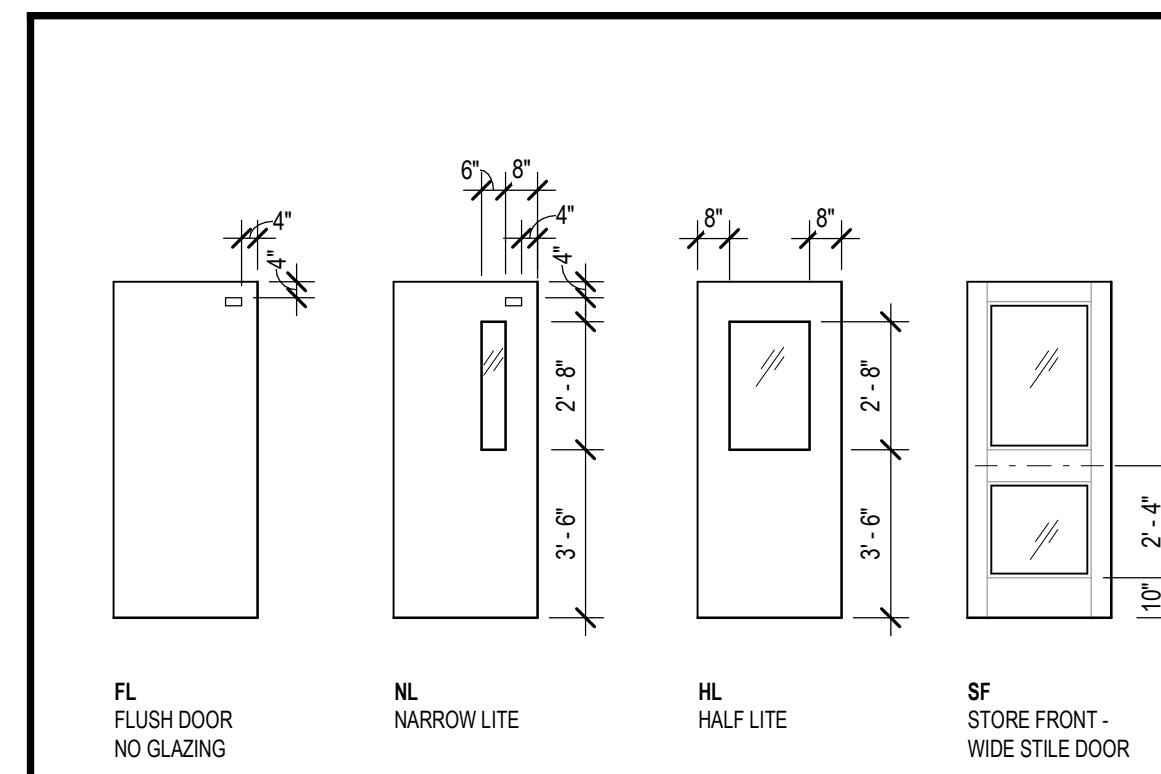
A3 - AREA D4 - DOOR SCHEDULE												
OPENING NUMBER	OPENING			DOOR				FRAME			NOTES	OPENING NUMBER
	H.W. SET	FIRE RATING	EXTERIOR	WIDTH	HEIGHT	TYPE	DR GLAZING	PANIC HARDWARE	MATERIAL	FRAME TYPE		
D401-1	No	No	No	6'-0"	7'-6"	EXIST- SC-NL (PR)	EXIST	No	EXIST	EXIST B	9	D401-1
D402-1	No	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	D402-1
D403-1	No	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	D403-1
D404-1	No	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	9	D404-1
D405-1	No	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	Yes	EXIST	EXIST	9	D405-1
D406-1	No	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	D406-1
D414-1	No	No	No	3'-0"	7'-6"	EXIST- SC-FL (PR)	--	No	EXIST	EXIST B	9	D414-1
D415-1	No	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	D415-1
D416-1	No	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	D416-1
D439-1	No	No	No	6'-0"	7'-6"	EXIST- SC-NL (PR)	EXIST	No	EXIST	EXIST B	9	D439-1
D440-1	No	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	D440-1
D442-1	No	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	D442-1
D445-1	No	No	No	6'-0"	7'-6"	EXIST- SC-NL (PR)	EXIST	No	EXIST	EXIST B	9	D445-1
D446-1	No	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	D446-1
D447-1	No	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	Yes	EXIST	EXIST	9	D447-1
D448-1	No	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	No	EXIST	EXIST	9	D448-1
D449-1	No	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	D449-1
D450-1	No	No	No	3'-0"	7'-6"	EXIST- SC-FL	--	Yes	EXIST	EXIST	9	D450-1

A3 - LOUVER SCHEDULE					DETAILS AND NOTES	
FR TYPE	FRAME WIDTH	FRAME DESCRIPTION	FRAME HT	NOTES		
L01	2'-10"	2'-0"				

A3- AREA A3- DOOR SCHEDULE												
OPENING NUMBER	H.W. SET	OPENING		DOOR					FRAME		NOTES	OPENING NUMBER
		FIRE RATING	EXTERIOR	WIDTH	HEIGHT	TYPE	DR GLAZING	PANIC HARDWARE	MATERIAL	FRAME TYPE		
A301-1	-	No	No	6'-0"	7'-6"	EXIST- SC-PL (PR)	EXIST	No	EXIST	EXIST B	9	A301-1
A302-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL (PR)	--	Yes	EXIST	EXIST	9	A302-1
A303-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	Yes	EXIST	EXIST	9	A303-1
A304-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	No	EXIST	EXIST	9	A304-1
A305-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	Yes	EXIST	EXIST	9	A305-1
A306-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	Yes	EXIST	EXIST	9	A306-1
A312-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL (PR)	--	No	EXIST	EXIST B	9	A312-1
A313-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	A313-1
A315-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	A315-1
A321-1	-	No	No	6'-0"	7'-6"	EXIST- SC-PL (PR)	EXIST	No	EXIST	EXIST B	9	A321-1
A322-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	Yes	EXIST	EXIST	9	A322-1
A323-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	Yes	EXIST	EXIST	9	A323-1
A324-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	No	EXIST	EXIST	9	A324-1
A325-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	Yes	EXIST	EXIST	9	A325-1
A326-1	-	No	No	3'-0"	7'-6"	EXIST- SC-PL	--	Yes	EXIST	EXIST	9	A326-1
A327-1	-	No	No	6'-0"	7'-6"	EXIST- SC-PL (PR)	EXIST	No	EXIST	EXIST B	9	A327-1
A343-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	A343-1
A348-1	-	No	No	3'-0"	7'-6"	EXIST- PL-FL	--	No	EXIST	EXIST B	9	A348-1



STOREFRONT & CURTAIN WALL DOOR FRAMES



DOOR CONFIGURATIONS - HOLLOW METAL & ALUMINUM FRAMES

DEFAULT DOORS

IF A DOOR ASSEMBLY APPEARS ON THE FLOOR PLANS BUT IS NOT IDENTIFIED BY A SCHEDULE NUMBER, THE DOOR SHALL BE INCLUDED IN THE BID AS LISTED BELOW. THE CONTRACTOR SHALL REQUEST CLARIFICATION FROM THE ARCHITECT TO DETERMINE WHAT THE ACTUAL DOOR AND FRAME TYPE AND HARDWARE REQUIREMENTS WILL BE. ADJUSTMENTS IN CONTRACT PRICE WILL BE BASED ON THE DIFFERENCE BETWEEN ACTUAL REQUIREMENTS AND THE DEFAULT DOOR VALUE.

THE DEFAULT EXTERIOR DOOR SHALL BE A TYPE "HM-FL" (SINGLE OR PAIR PER PLAN) IN A TYPE "B" (B" AT EXTERIOR MASONRY WALL) FRAME WITH DEFAULT HARDWARE PER SPECIFICATIONS AND FRAME DETAILING PER TYPICAL DETAILS FOR EXTERIOR DOORS.

THE DEFAULT INTERIOR DOOR SHALL BE A TYPE "SC-FL" (SINGLE OR PAIR PER PLAN) IN A TYPE "B" FRAME WITH DEFAULT HARDWARE PER SPECIFICATIONS AND FRAME DETAILING PER TYPICAL DETAILS FOR INTERIOR DOORS.

TYPICAL NOTES

A. DOOR TYPES ARE INDICATED AS A MATERIAL-CONFIGURATION CODE. THE MATERIAL CODE DESIGNATES MATERIALS AND FINISHES AS SPECIFIED. REFER TO SPECIAL NOTES FOR NON-TYPICAL FINISHES. THE CONFIGURATION CODE REFERS TO TYPICAL OR SPECIAL CONFIGURATIONS AS DRAWN.

B. DOOR ASSEMBLIES ARE NUMBERED BY ASSEMBLY. MULTIPLE SETS OF DOORS MAY OCCUR IN THE SAME FRAME ASSEMBLY (REFERS TO SCHEDULE AND PLAN FOR QUANTITY). DOORS MAY OCCUR IN PAIRS (REFER TO SCHEDULE AND PLAN FOR INCIDENCE).

C. FRAME CONFIGURATION IS DIAGRAMMATIC AND NOMINAL. DIMENSIONS SHALL BE ADJUSTED TO ACCOMMODATE DOOR SIZES AS SCHEDULED. WITHIN ANY HOLLOW METAL ASSEMBLY, THE WIDTH OF SIDELITES SHALL BE EQUAL AND SHALL NOT EXCEED 3'-0" U.N.O.

D. ALTERNATE FINISHES CAN SOMETIMES HAVE AN IMPACT ON DETAILING (E.G. HALF OR OFFSET SADDLES EMPLOYED IN LIEU OF STANDARD SADDLES WHEN ADJACENT TO THICKER FLOOR FINISHES SUCH AS TERRAZZO OR QUARRY TILE). COORDINATE DETAILS WITH FINAL FINISH SELECTIONS.

E. GLAZED FRAMES ASSOCIATED WITH 20-MINUTE, 45-MINUTE, AND/OR 60-MINUTE FIRE-RATED DOORS SHALL BE FIRE-RATED 1-HOUR. GLAZED FRAMES ASSOCIATED WITH 90-MINUTE FIRE-RATED DOORS SHALL BE FIRE-RATED 2-HOUR. GLAZING MUST MEET CODE REQUIREMENTS, INCLUDING SIZE LIMITATIONS, IN FIRE-RATED FRAMES. REF. IBC TABLE 716.1 (2).

F. PROVIDE 2x WOOD BLOCKING @ CMF STUD WALLS FOR WALL MOUNTED ITEMS LIKE WALL STOPS, HOLD OPENS, ETC.

G. REFER TO FLOOR PLANS AND EXTERIOR ELEVATIONS FOR ALUMINUM FRAME LOCATIONS.

H. OVERHEAD COILING DOORS ARE MOTORIZED UNLESS NOTED OTHERWISE.

SPECIAL NOTES:

1. NEW DOOR
2. NEW DOOR PROVIDE CARD READER
3. NEW DOOR SOUND CONTROL DOOR ASSEMBLY STOPS
4. EXISTING DOOR RE. HARDWARE FOR NEW HARDWARE SCOPE
5. EXISTING DOOR RE. HARDWARE FOR NEW CARD READER
6. EXISTING DOOR, CARD READER TO REMAIN, NO SCOPE
7. EXISTING DOOR, RE. HARDWARE FOR NEW 2N SYSTEM
8. NEW CASD OPENING
9. NO SCOPE
10. (2) NEW PEEPS HOLES

DOOR ASSEMBLY NOTES

AL - ALUMINUM

HM - HOLLOW METAL

SC - SOLID CORE WOOD

DOOR/FRAME MATERIALS

ETR - EXISTING TO REMAIN - NO FILM SCOPE

IGS - INSULATED GLASS SPANDREL

IGSE - INSULATED GLASS SECURITY

IGSEF - INSULATED GLASS SECURITY FILM

IGU - INSULATED GLASS UNIT

GLSA - GLASS LAMINATED SAFETY

GLSE - GLASS LAMINATED SECURITY

GTC - GLASS SECURITY FILM ON EXISTING GLASS

GTEC - GLASS TEMPERED CLEAR

SCWA - SOUND CONTROL WINDOW ASSEMBLY

1. ALL GLAZING IS 1/4" THICK (U.N.O.). INSULATED GLASS SHALL CONSIST OF AN EXTERIOR LAYER OF GLASS, TINTED AS SPECIFIED, AN INTERIOR LAYER OF CLEAR GLASS, FACTORY SEALED WITH A 1/2" AIR SPACE. WHERE TEMPERED GLASS IS SPECIFIED, BOTH LAYERS OF INSULATED GLASS SHALL BE TEMPERED.

2. ANY WINDOW OR GLAZING PANELS LOCATED AT AN INTERSTITIAL SPACE OR NOT READILY VISIBLE SHALL HAVE SPANDREL GLASS INSTALLED, REGARDLESS OF ANY NOTATION ELSEWHERE.

GLAZING LEGEND

TEM - TYP EXT MASONRY DETAIL - HM

TEMA - TYP EXT MASONRY DETAIL - ALUM

TICF - TYP EXT INSUL CONC FORMS - HM

TICFA - TYP EXT INSUL CONC FORMS - ALUM

TIM - TYP INTERIOR MASONRY DETAIL - HM

TIMA - TYP INTERIOR MASONRY DETAIL - ALUM

TDW - TYP DRYWALL PARTITION DETAIL - HM

TDWA - TYP DRYWALL PARTITION DETAIL - ALUM

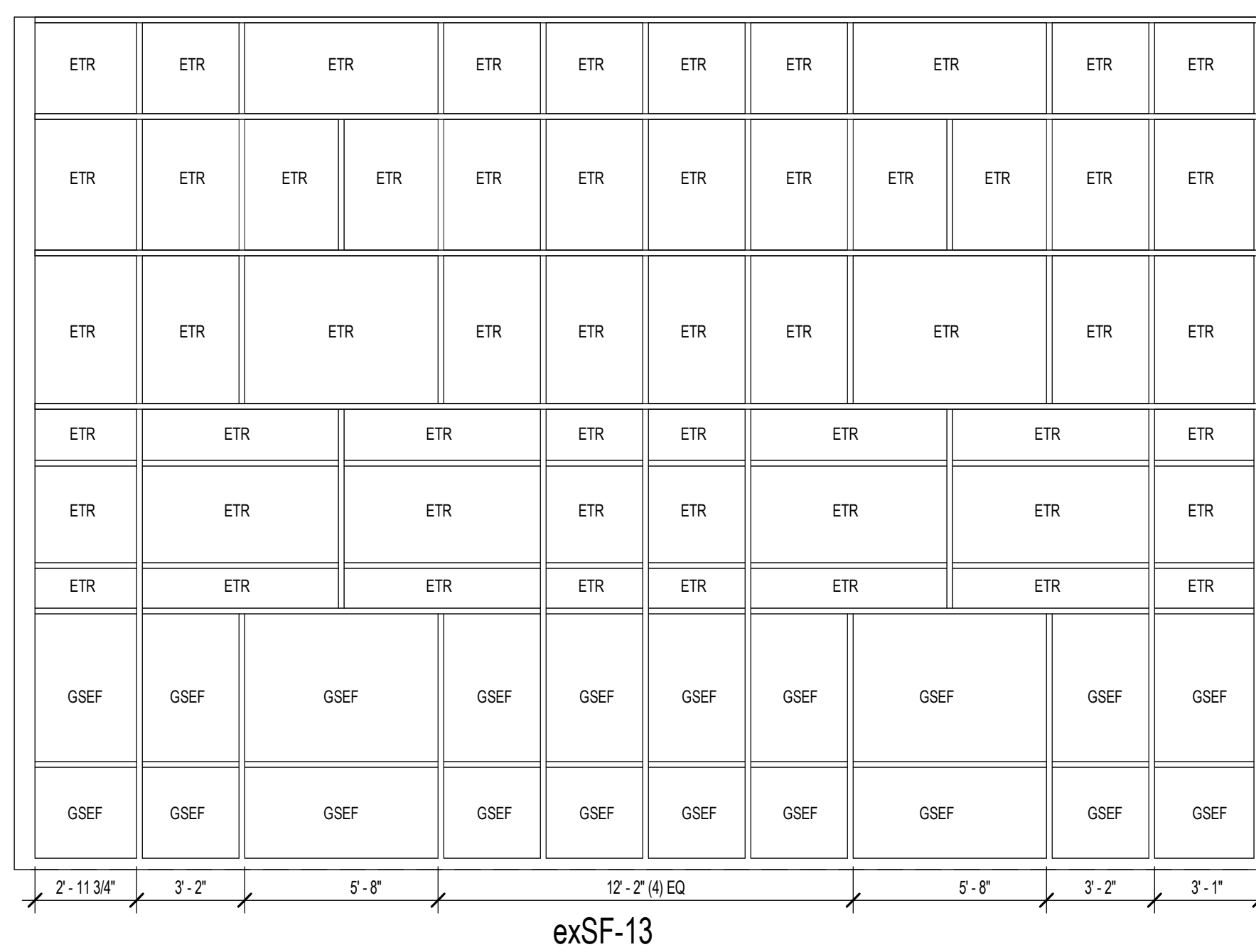
HO - DOOR HOLD OPEN (MAGNETIC OR MANUAL - SEE SPECIAL NOTES FOR MORE INFO)

TH - THRESHOLD

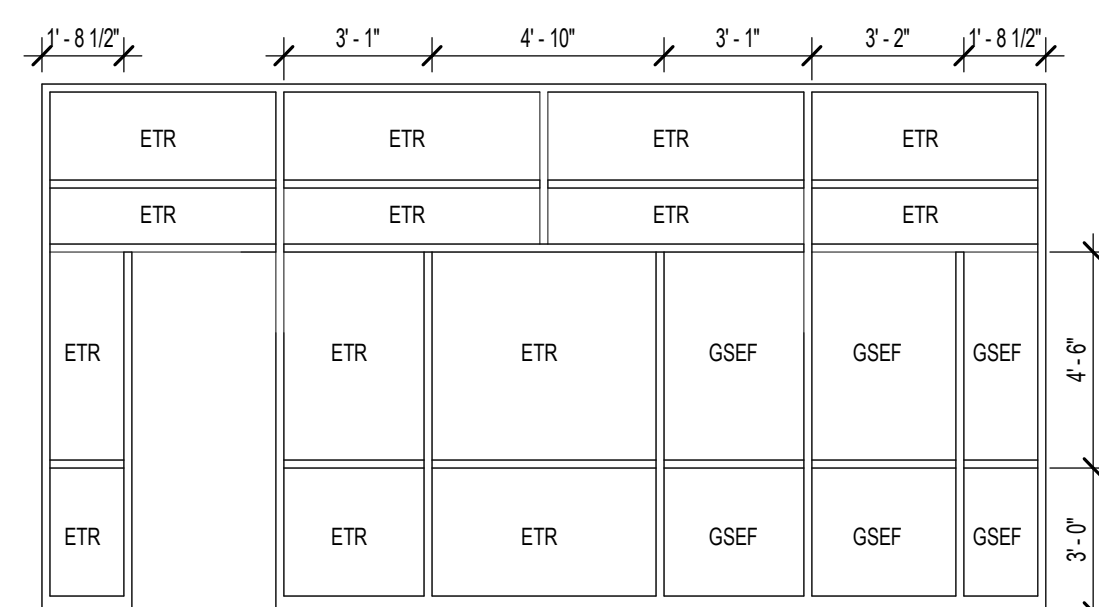
SEC - SECURITY CONTACTS (REF. ELEC. AND TECH1)

OH - DENOTES OPPOSITE HAND CONFIGURATION

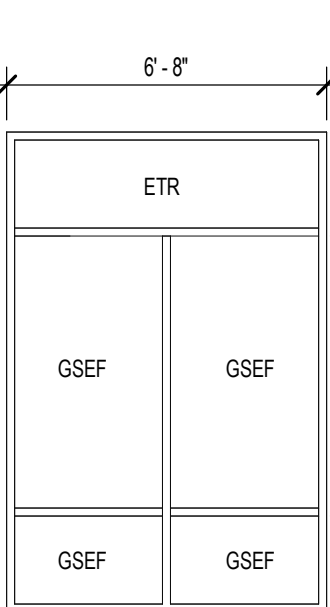
SCHEDULE ABBREVIATIONS



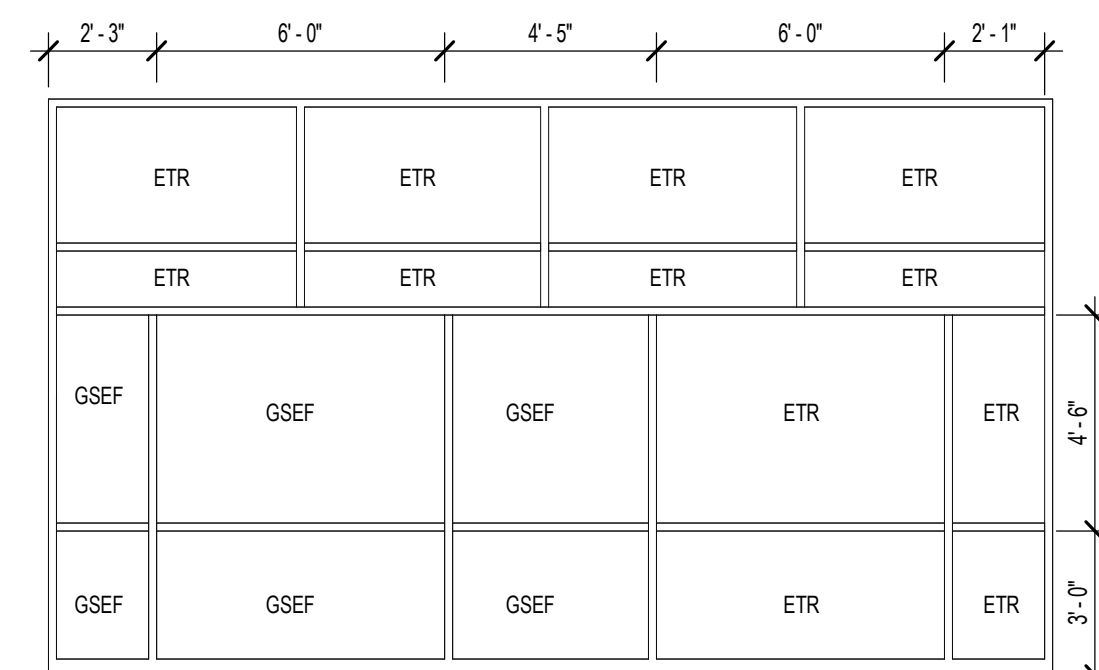
exSF-13



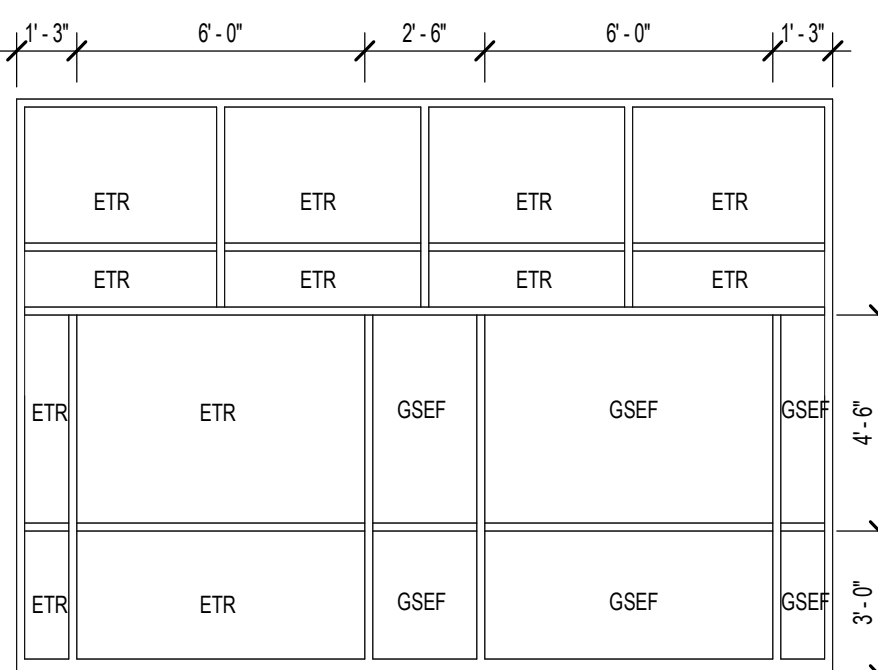
exSF-12



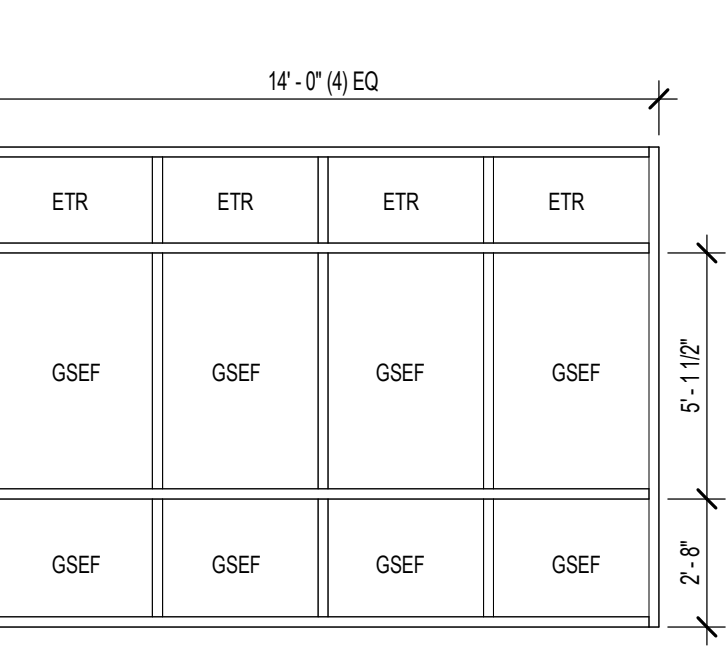
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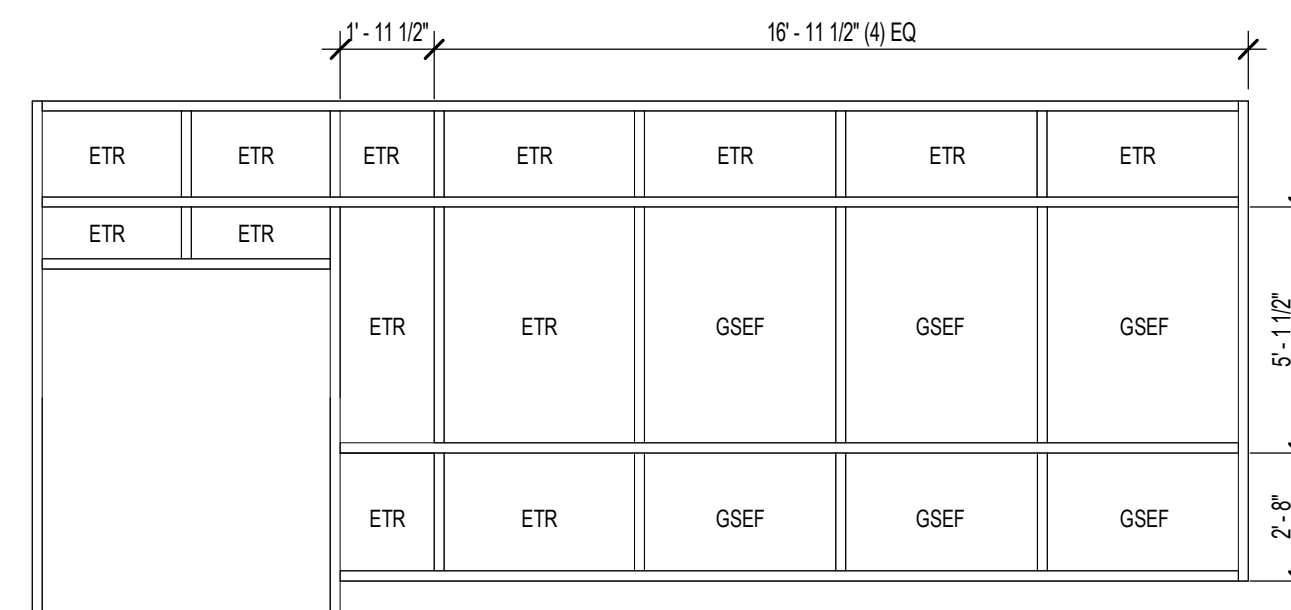
exSF-10



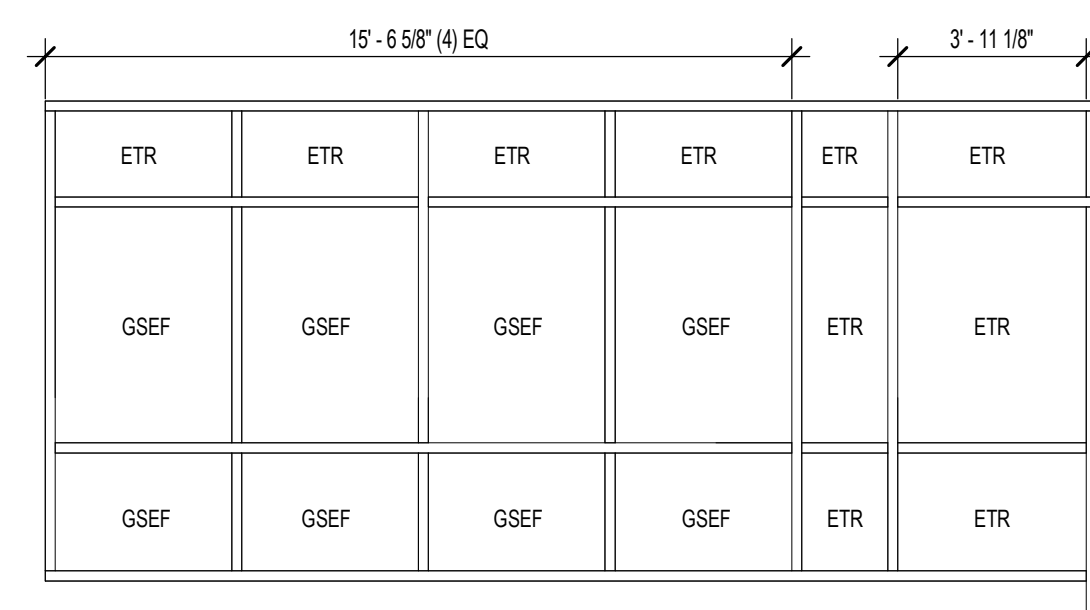
exSF-09



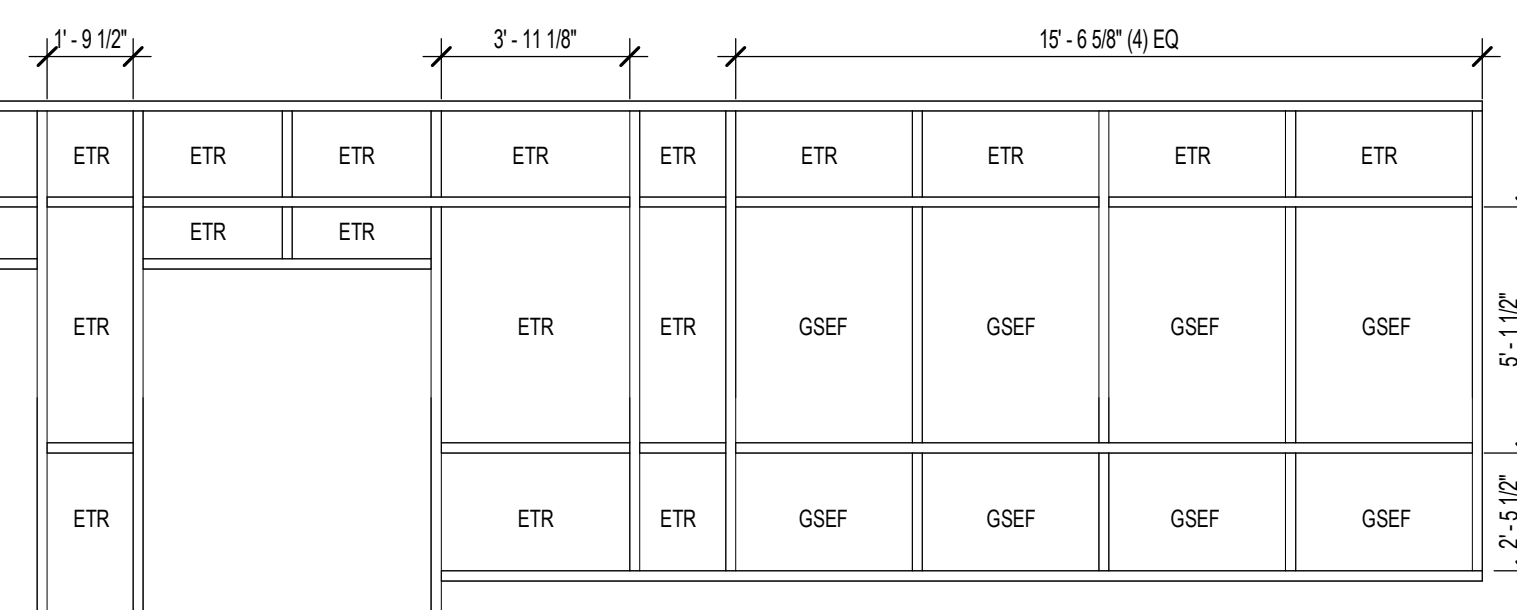
exSF-08



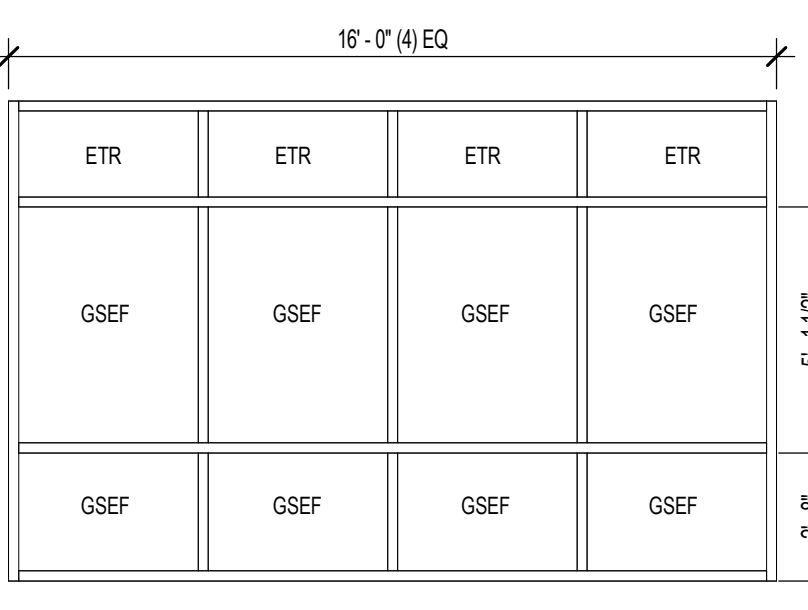
exSF-07



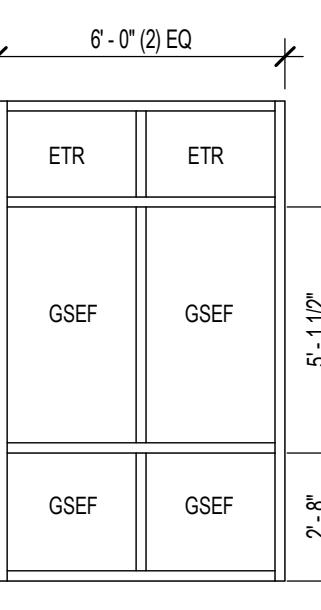
exSF-06



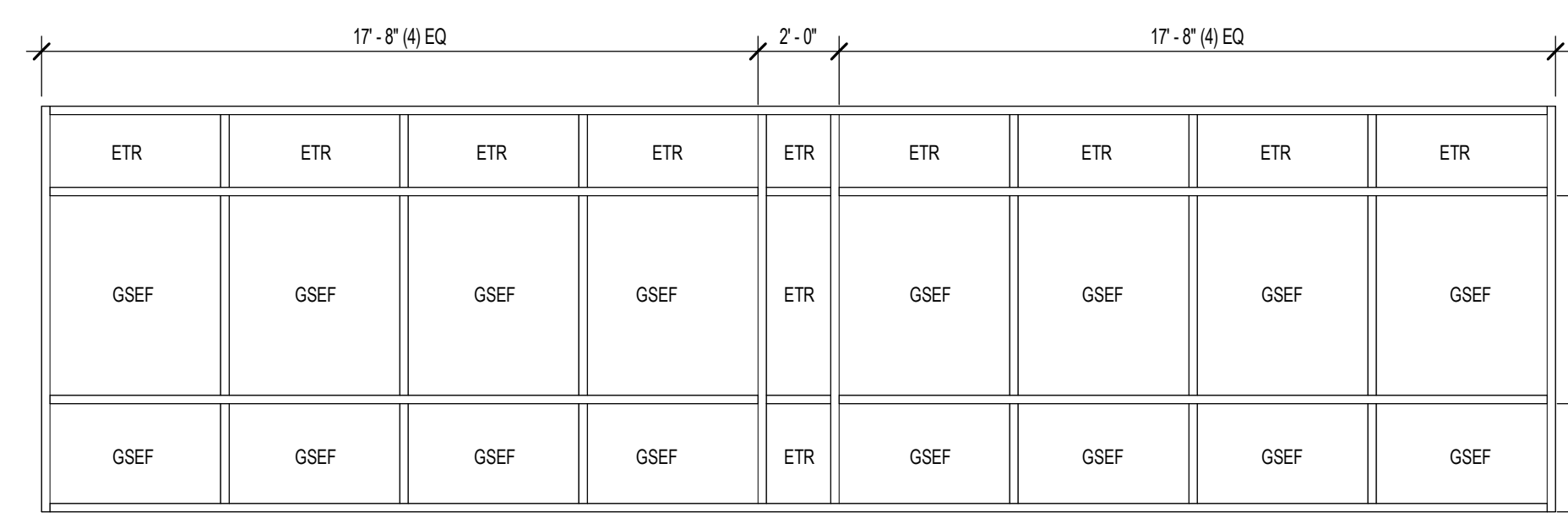
exSF-05



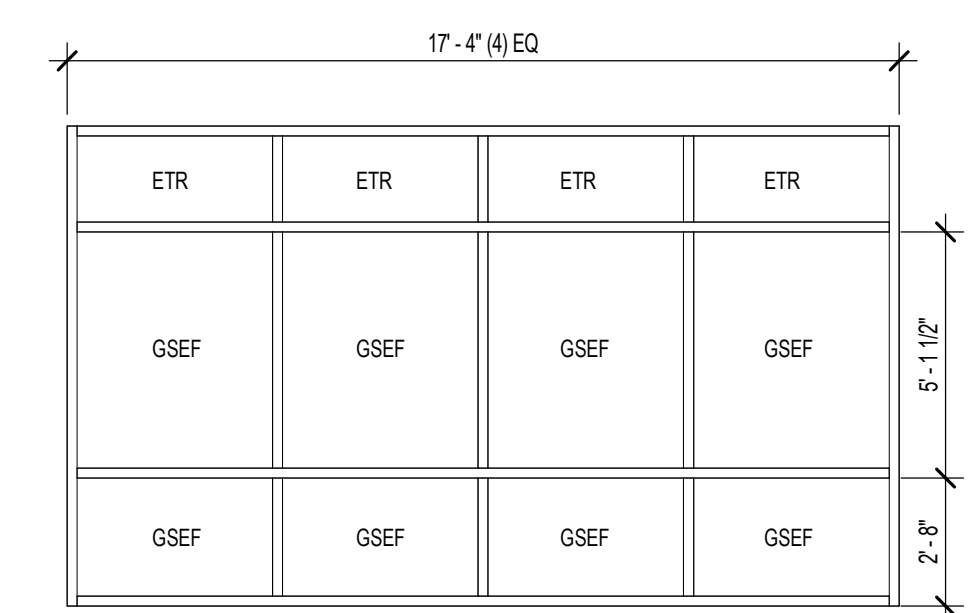
exSF-04



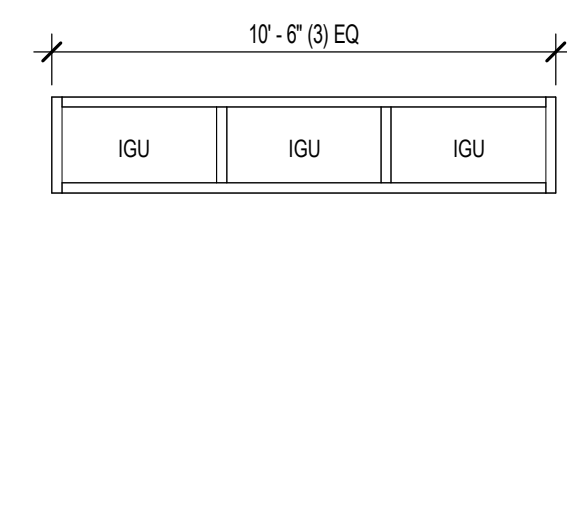
exSF-03



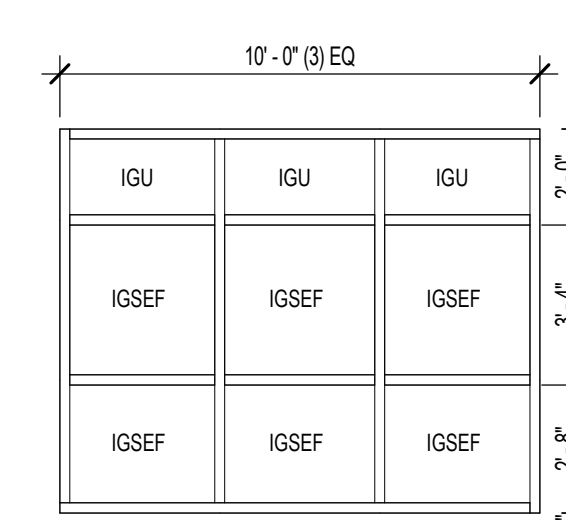
exSF-02



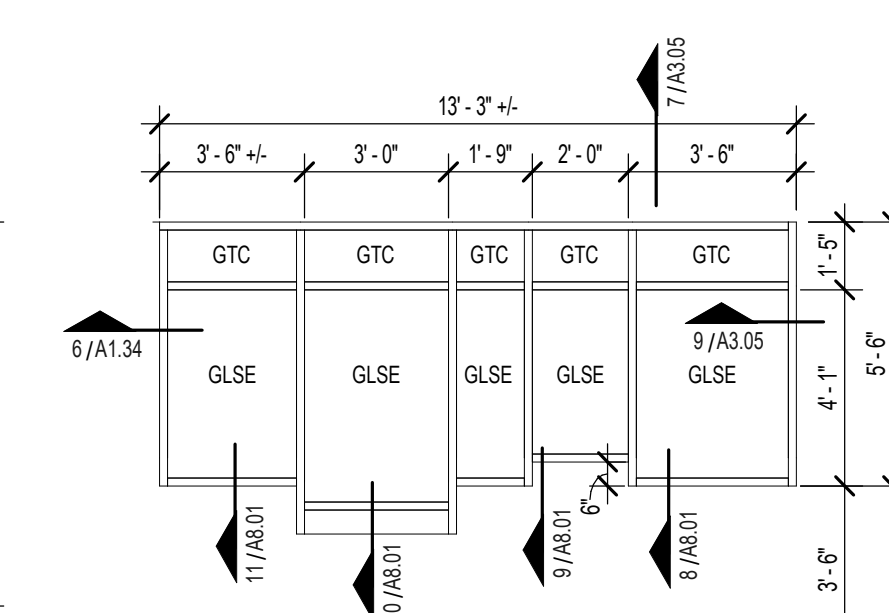
exSF-01



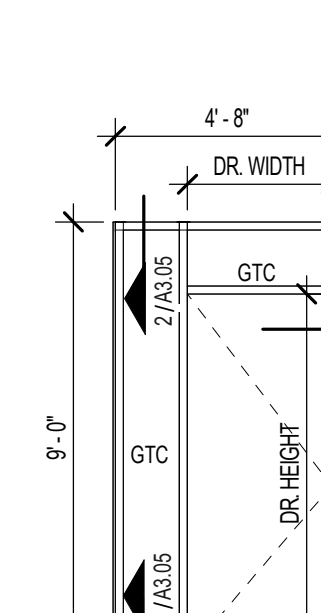
ESF-02



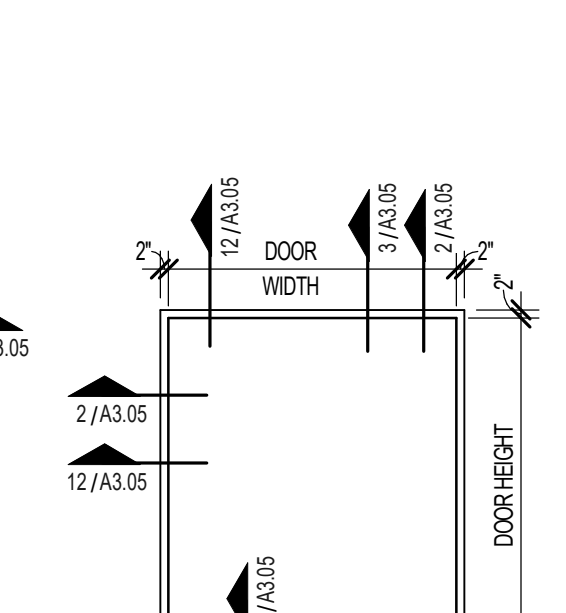
ESF-01



SF-01



FRAME TYPE E



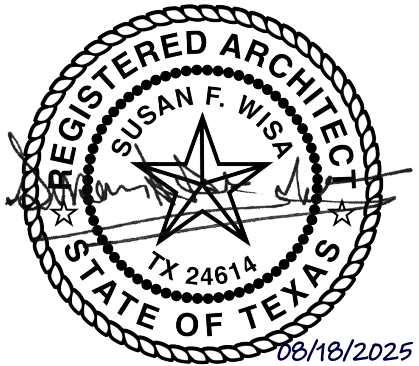
DR FRAME TYPE B

Date

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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



DOOR AND WINDOW FRAMES

Job No.

01818-07-01

Sheet No.

A3.04

Date:

06/18/2025

Date

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FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



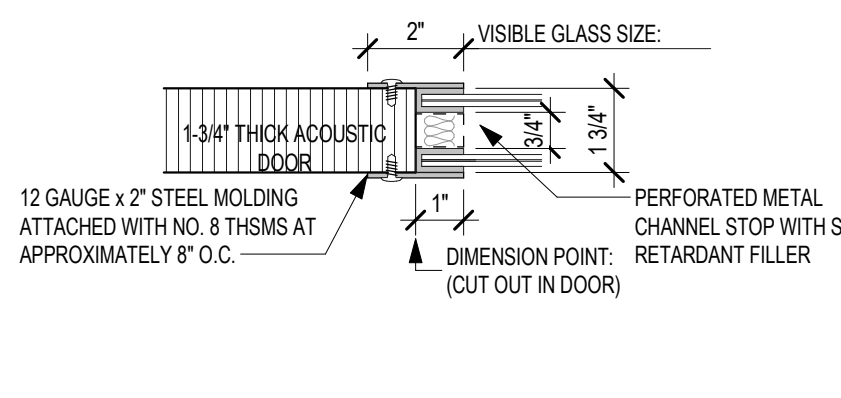
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Job No.
01818-07-01
Sheet No.
A3.05
Date:
06/18/2025

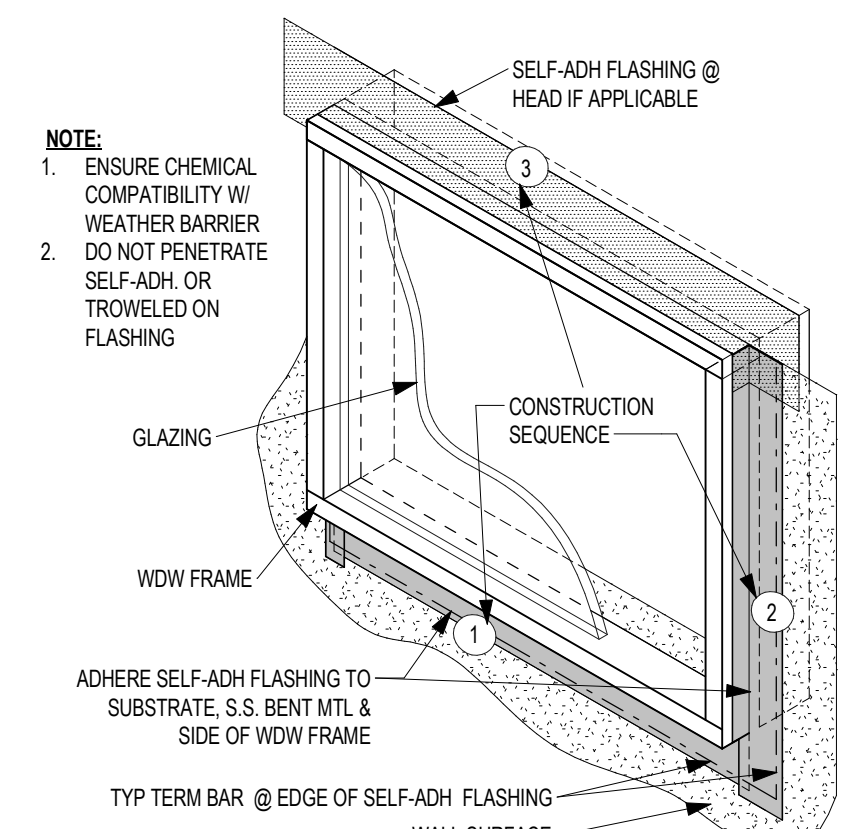
Door and Window Details



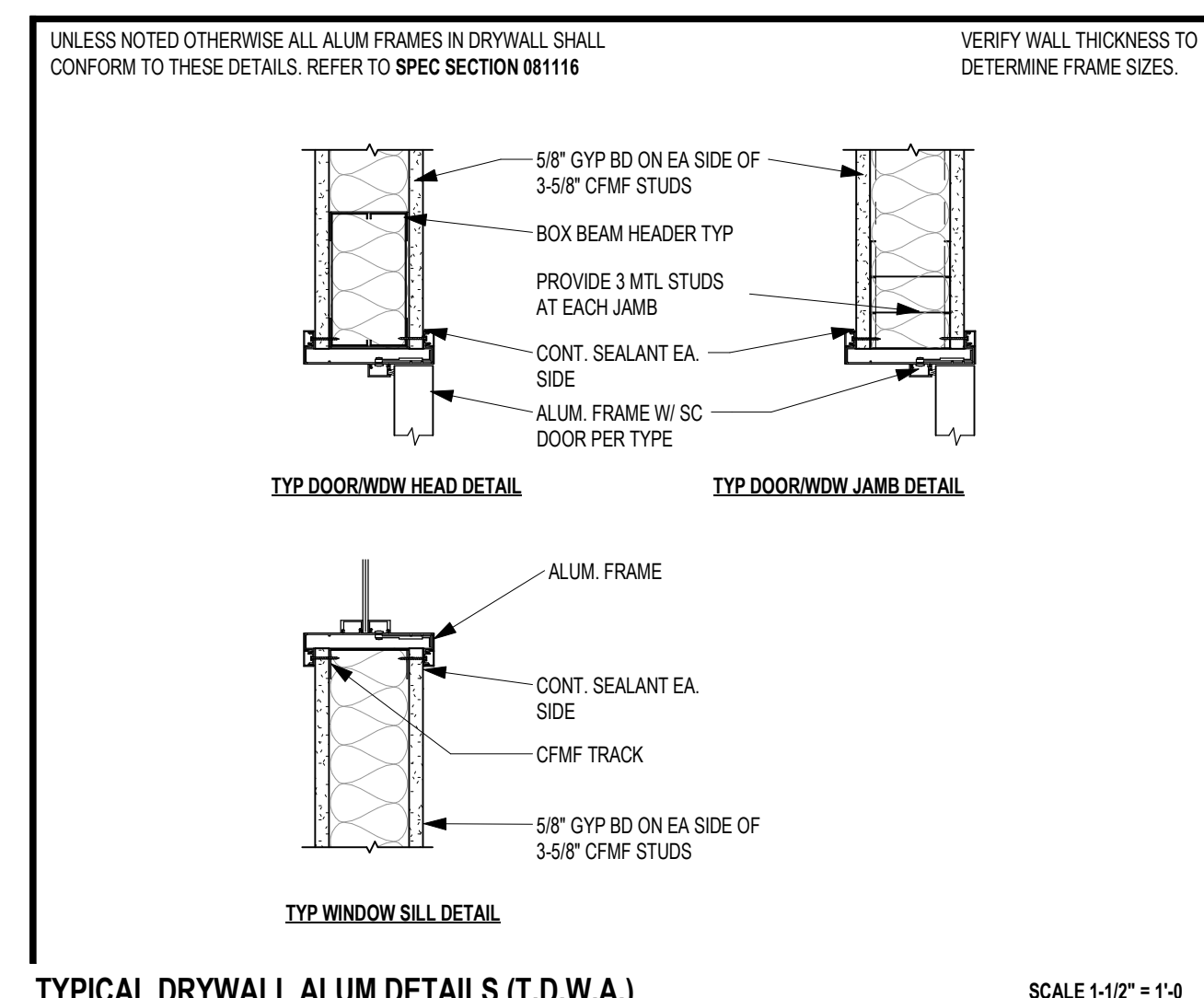
16 A3_HM HEAD-JAMB - ACOUSTIC
3" = 1'-0"



15 A3_HM DR LITE - ACOUSTIC
3" = 1'-0"



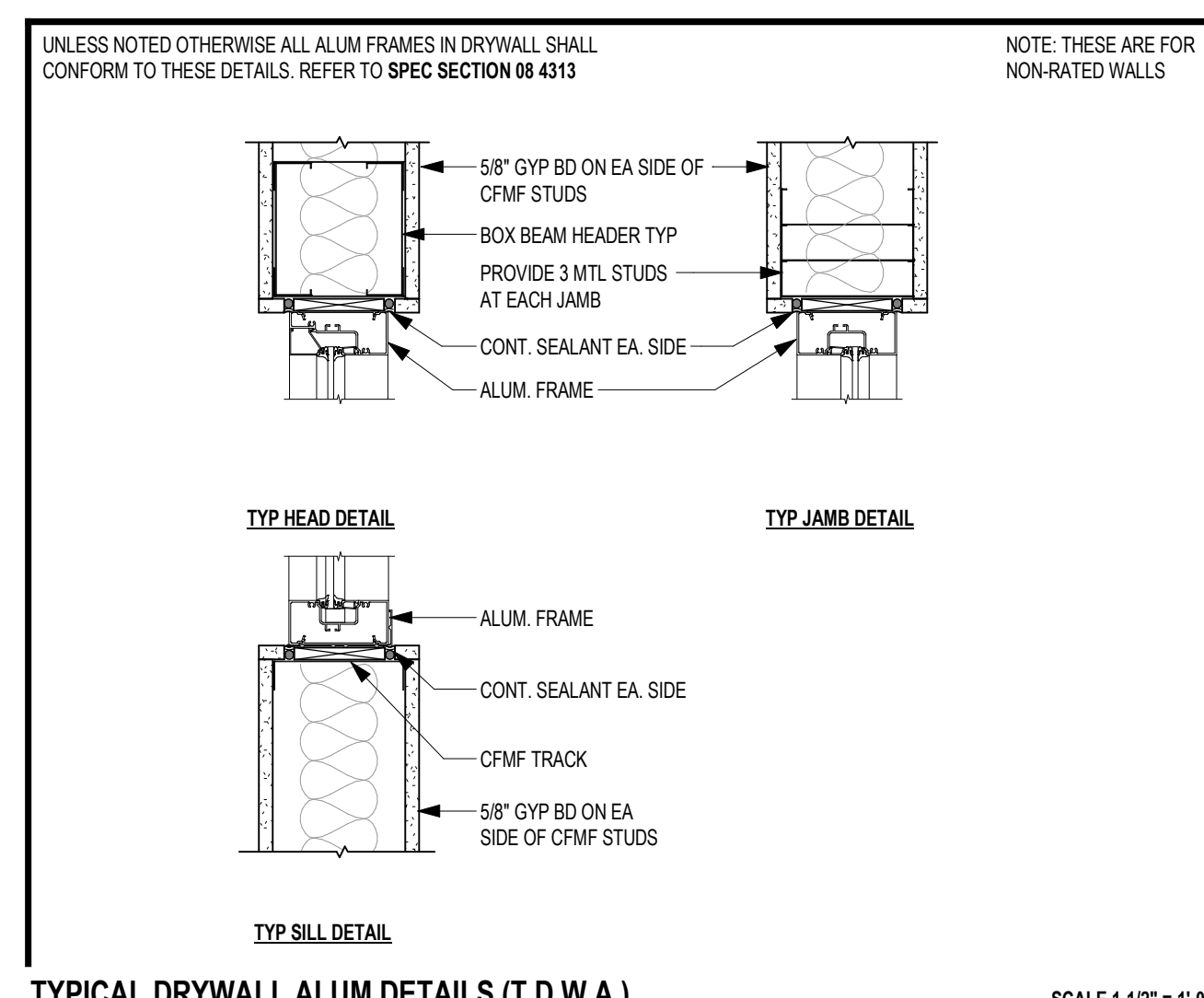
14 A3_MISC WINDOW FLASHING
1" = 20"



TYPICAL DRYWALL ALUM DETAILS (T.D.W.A.)

SCALE 1-1/2" = 1'-0"

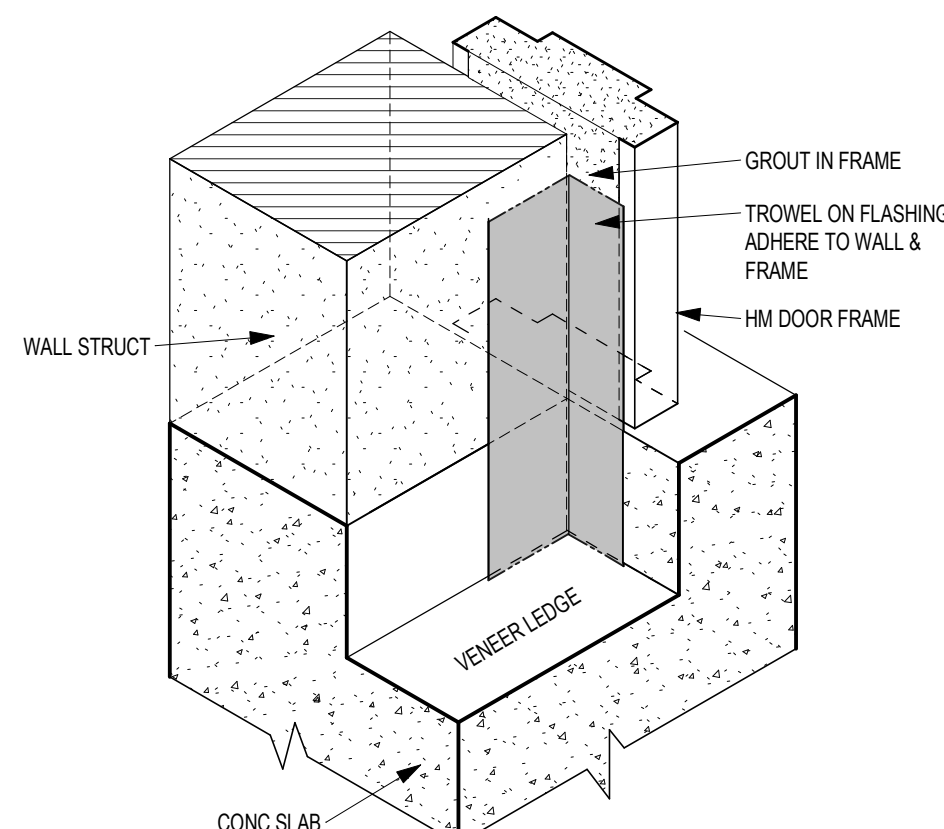
13 A3_TYP INT ALUM GYP DETAILS (T.D.W.A.)
1 1/2" = 1'-0"



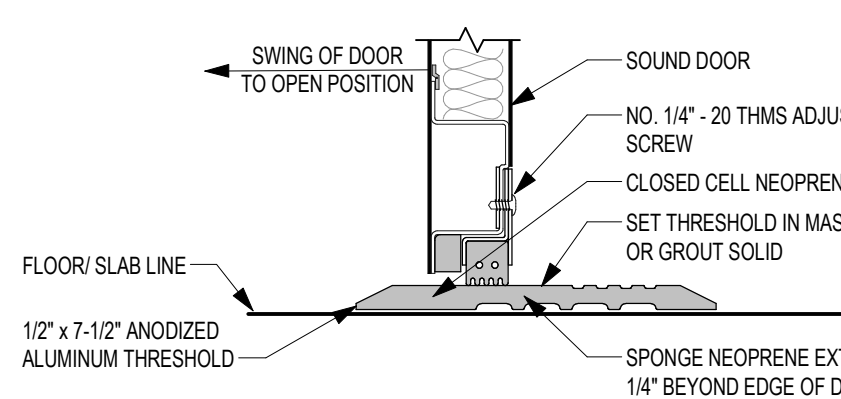
TYPICAL DRYWALL ALUM DETAILS (T.D.W.A.)

SCALE 1-1/2" = 1'-0"

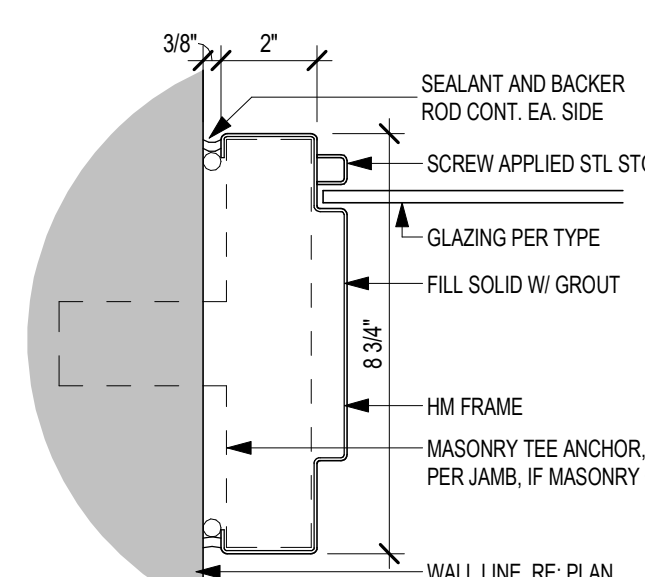
9 A3_TYP INT ALUM GYP - (T.D.W.A.) - SF
1 1/2" = 1'-0"



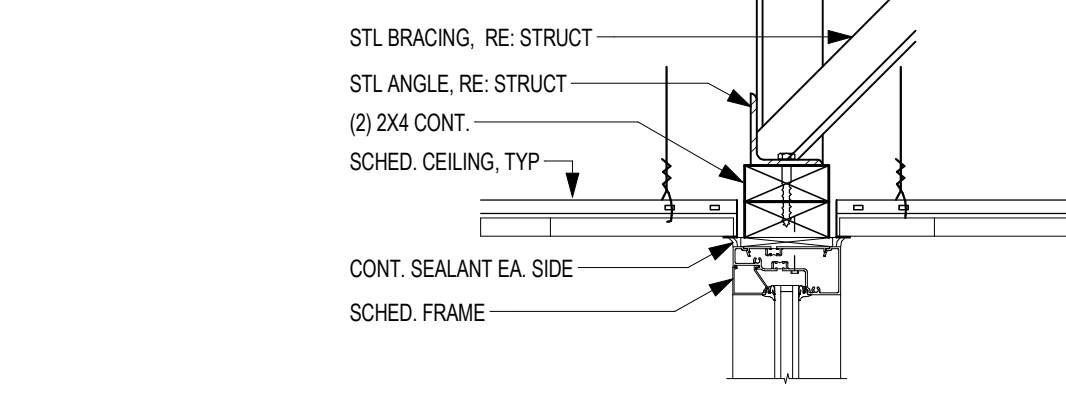
10 A3_MISC DR FLASHING
1 1/2" = 1'-0"



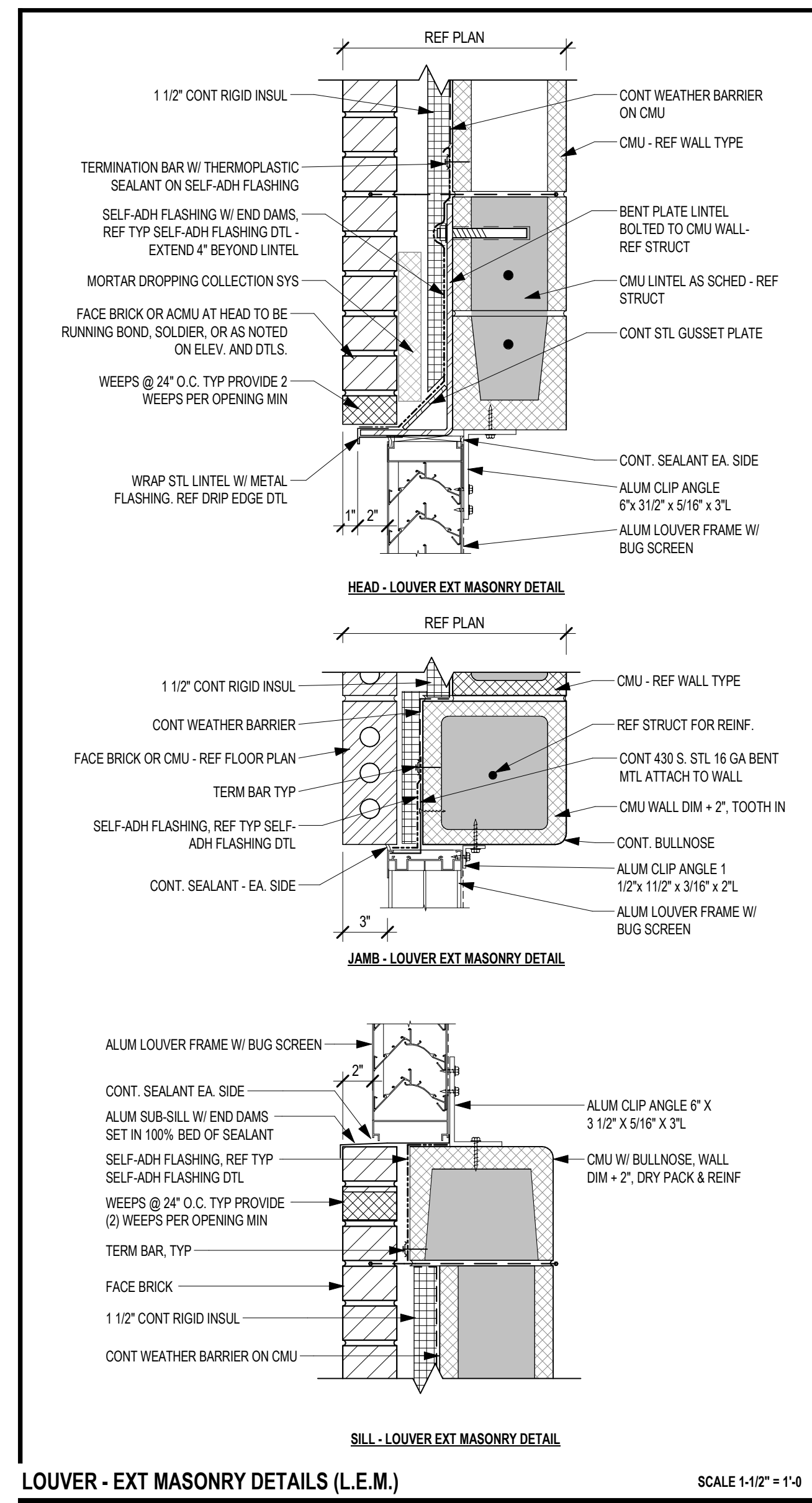
11 A3_HM DR SILL - ACOUSTIC
3" = 1'-0"



6 A3_HM JAMB @ EXIST
3" = 1'-0"



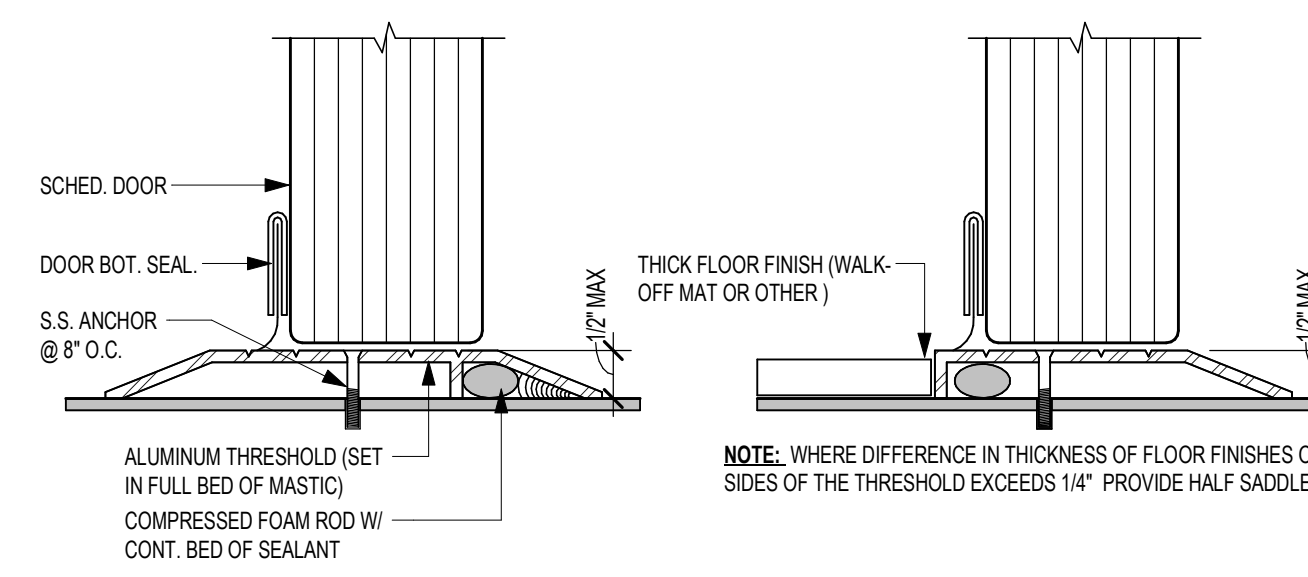
7 HEAD DLT ALUM - LAY-IN / LAY-OUT
1 1/2" = 1'-0"



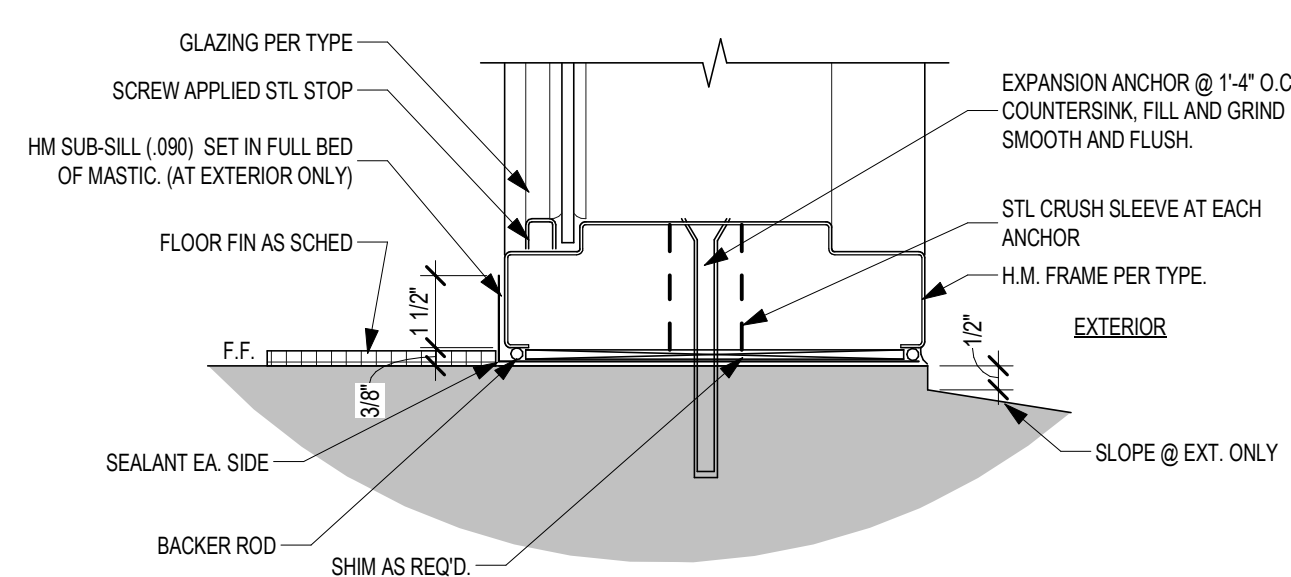
LOUVER - EXT MASONRY DETAILS (L.E.M.)

SCALE 1-1/2" = 1'-0"

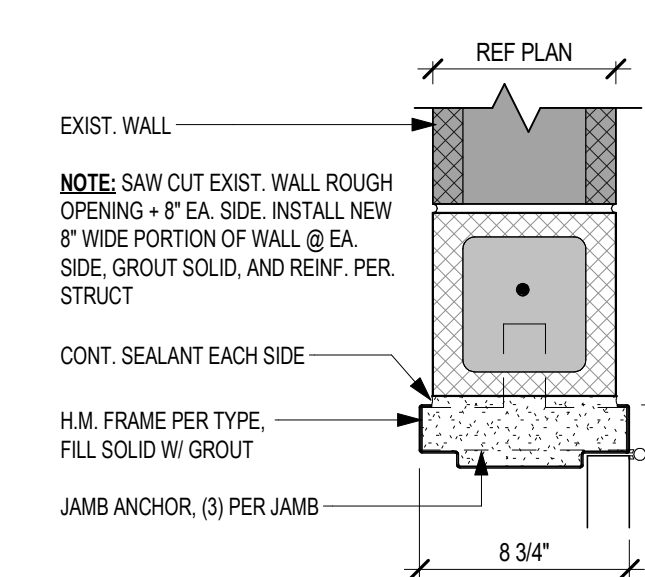
8 A3_EXT. LOUVER MASONRY DETAILS
1 1/2" = 1'-0"



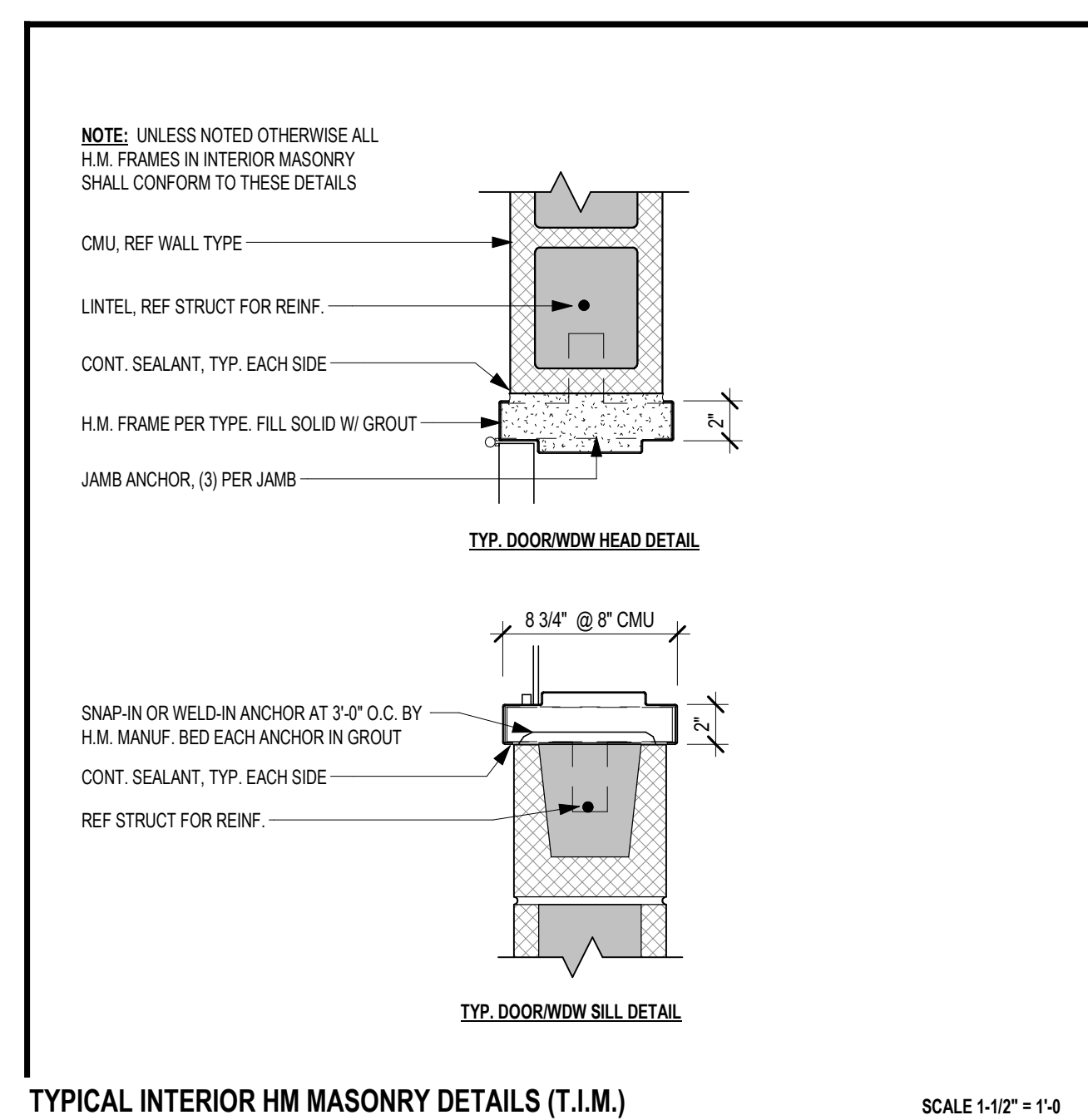
5 A3 - ALUM TYP THRESHOLD
6" = 1'-0"



4 A3_HM SILL
3" = 1'-0"



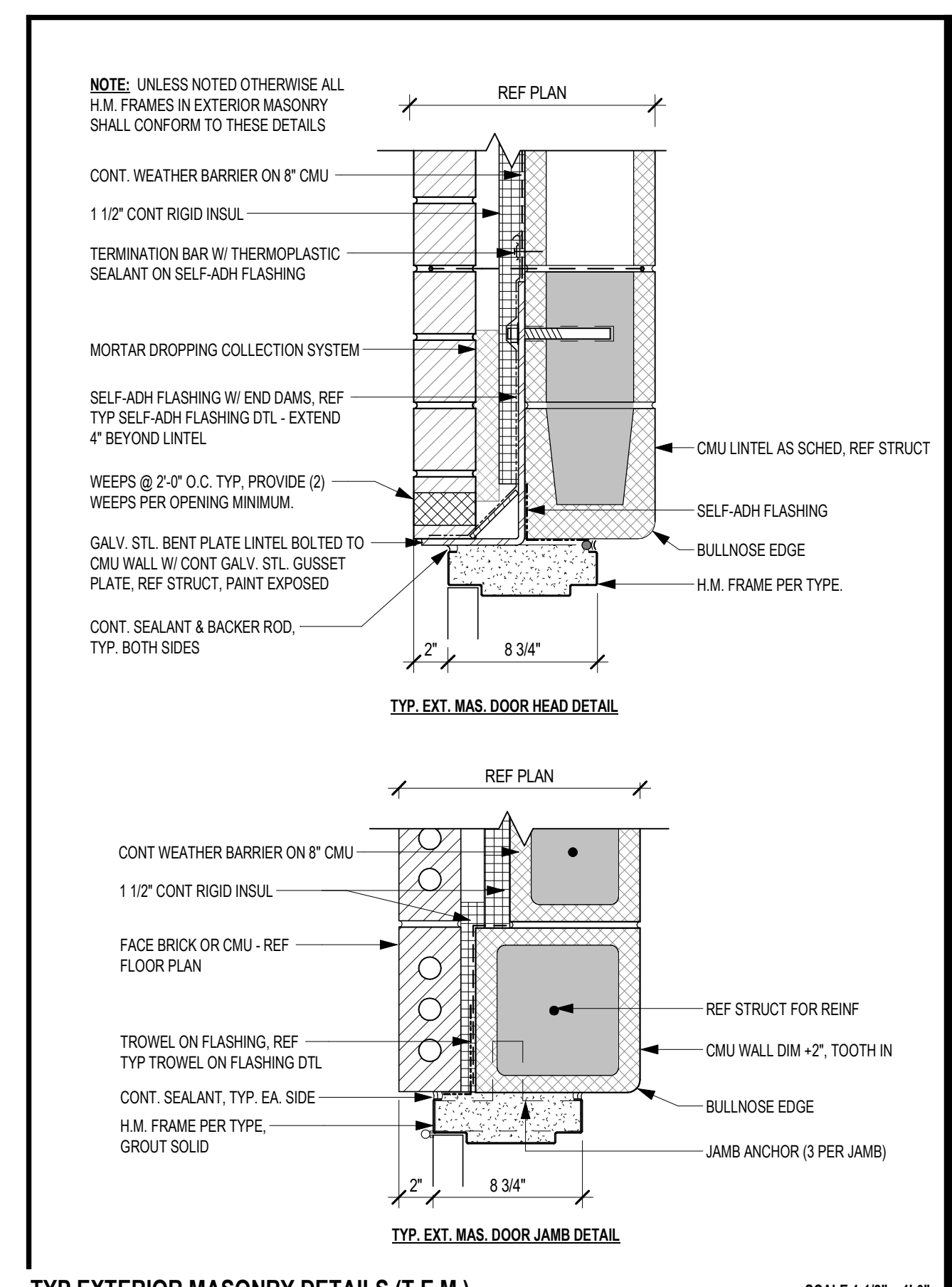
3 A3 - HM JAMB - NEW DR @ EXIST CMU
1 1/2" = 1'-0"



TYPICAL INTERIOR HM MASONRY DETAILS (T.I.M.)

SCALE 1-1/2" = 1'-0"

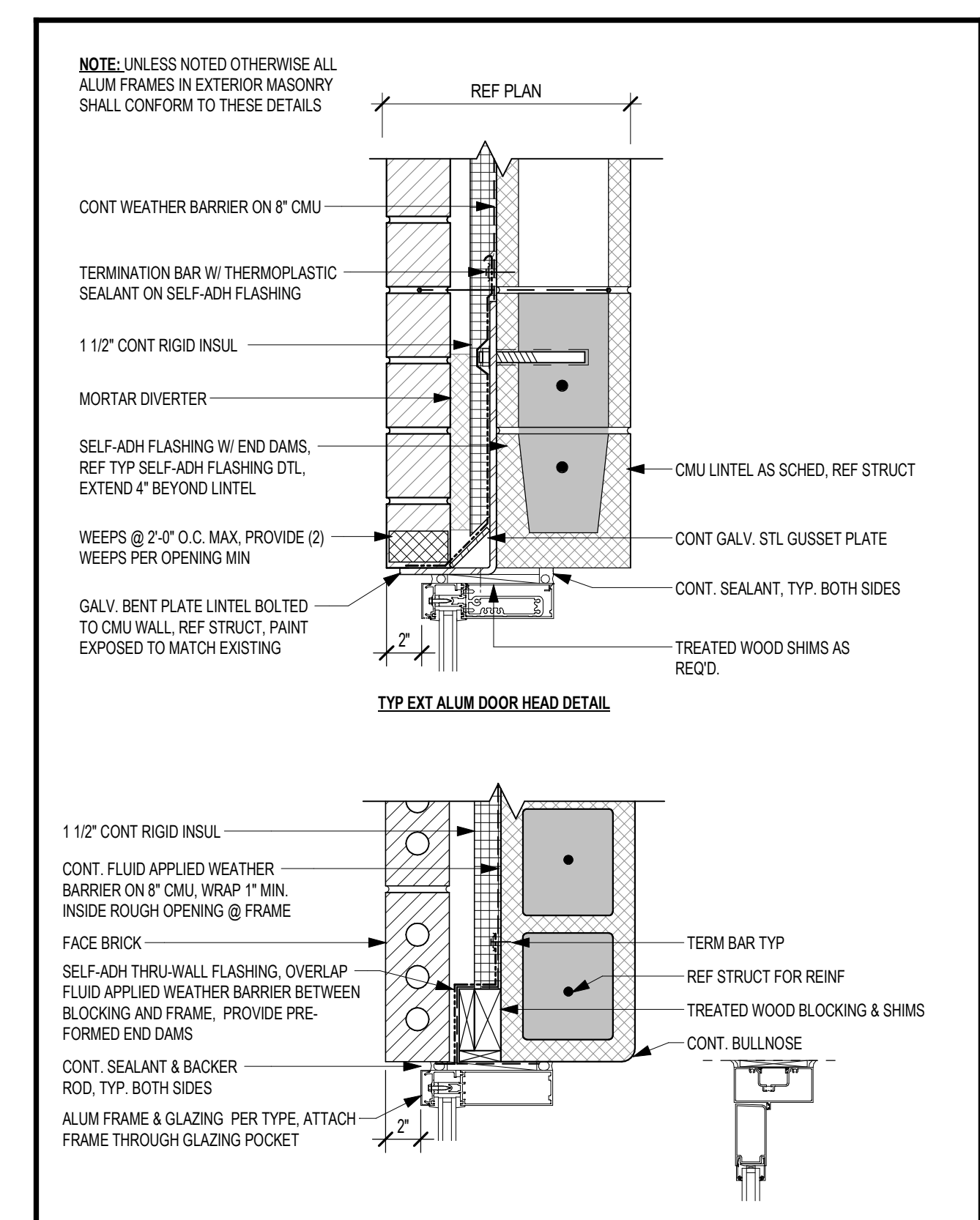
2 A3_TYP INT. HM MASONRY DETAILS (T.I.M.)
1 1/2" = 1'-0"



TYP. EXT. MAS. DOOR HEAD DETAIL

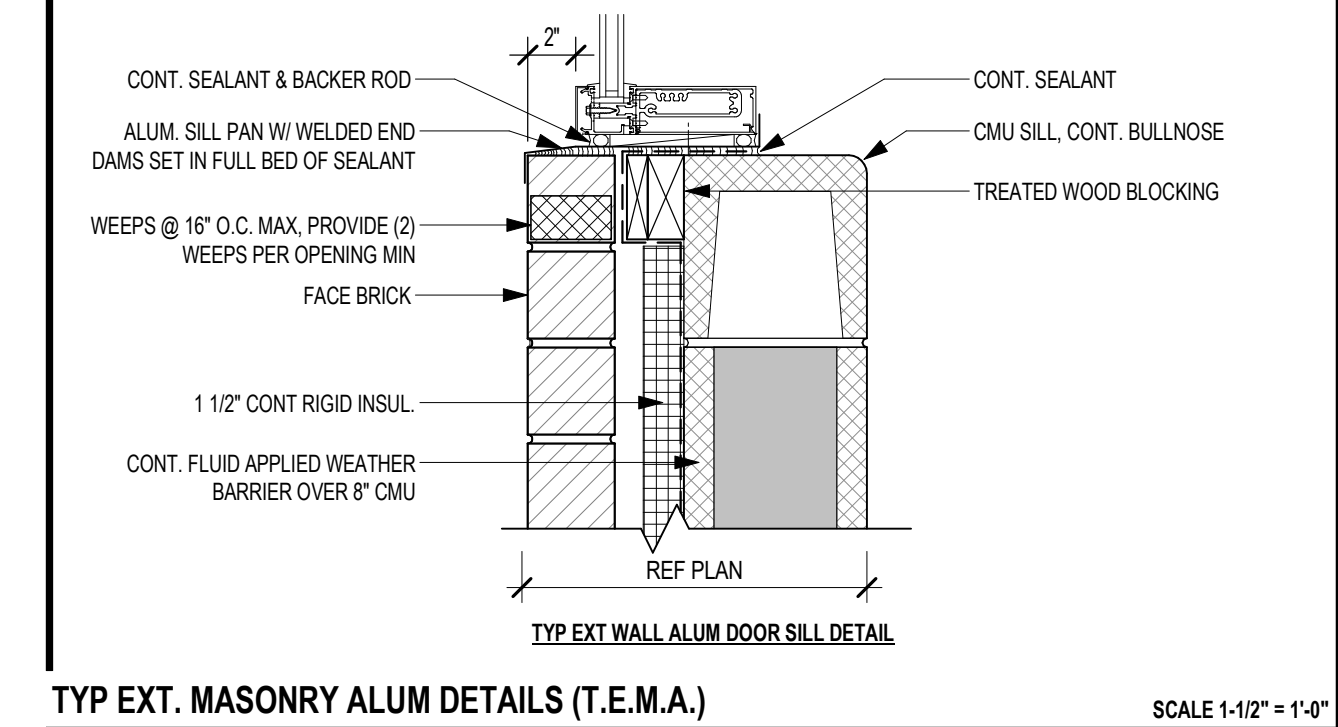
SCALE 1-1/2" = 1'-0"

12 A3_TYP EXT. HM MASONRY DETAILS (T.E.M.)
1 1/2" = 1'-0"



TYP. EXT. ALUM WINDOW JAMB DETAIL

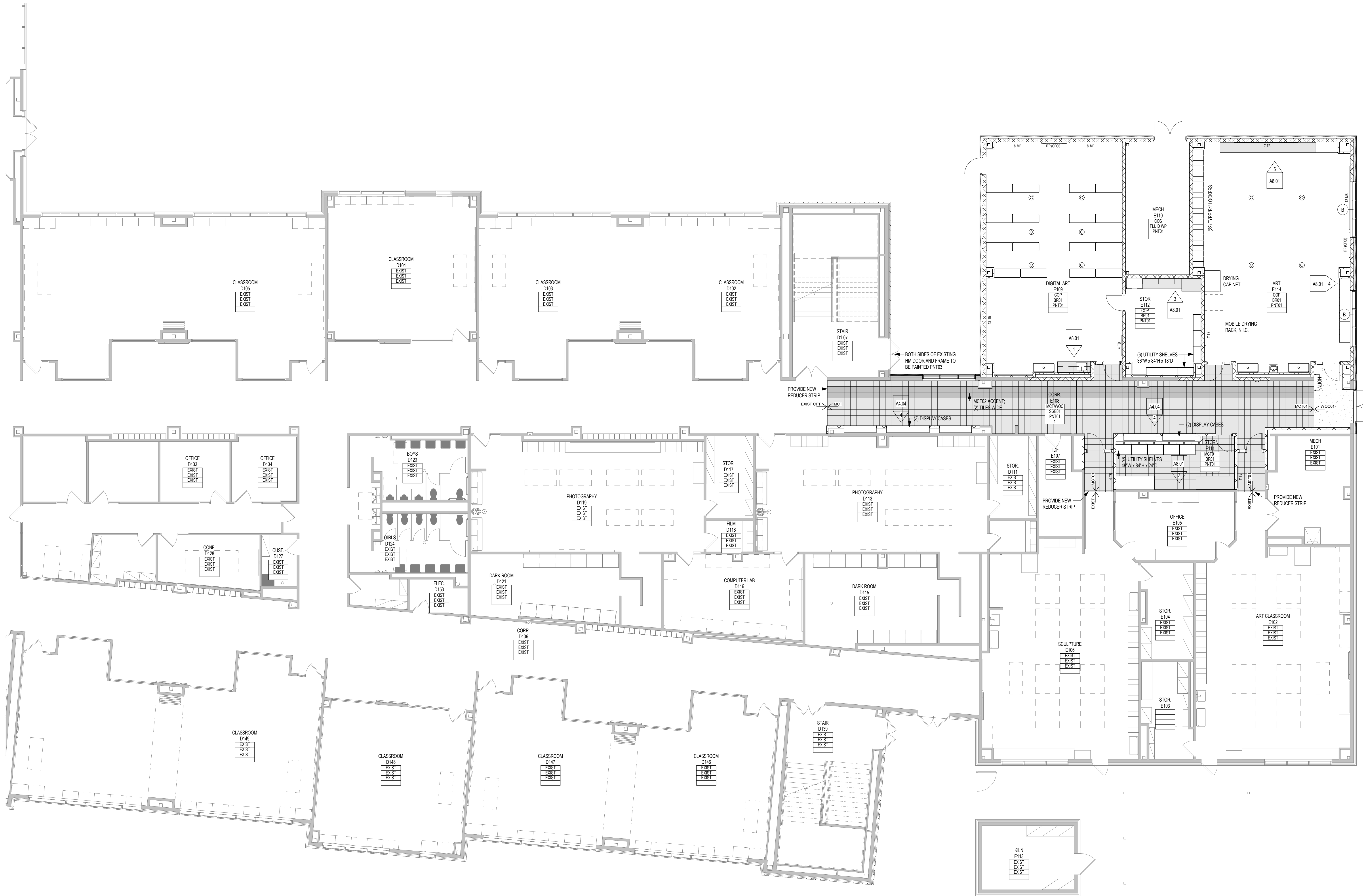
SCALE 1-1/2" = 1'-0"



TYP. EXT. MASONRY ALUM DETAILS (T.E.M.A.)

SCALE 1-1/2" = 1'-0"

1 A3_TYP EXT. ALUM MASONRY DETAILS (T.E.M.A.)
1 1/2" = 1'-0"

**1** FINISH PLAN - AREA D
1/8" = 1'-0"

REFER TO GS.01 FOR ADDITIONAL INFORMATION REGARDING FINISH MATERIALS AND PAINT FINISH CODES.	
CLASSROOM 025	ROOM NAME ROOM NUMBER
TYP FLOOR FINISH	LVT01
WALL BASE FINISH	BR01
TYP WALL FINISH	PNT01
REMARKS	1
REMARKS NUMBERS COORDINATED WITH FINISH REMARKS LEGEND LOCATED ON ALL FINISH FLOOR PLAN SHEETS	
REFER TO PROJECT SPECIFICATIONS SECTION 01 6210 FOR ADDITIONAL INFORMATION REGARDING FINISH MATERIALS AND PAINT FINISH CODES.	
MATERIAL TYPE	XY ##
FINISH COLOR AND MATERIAL SIZE AS NOTED IN SPEC. SECTION 01 6210	
AL - ALUMINUM	
AP - ACOUSTICAL PANELS	
BRK - BRICK	
BR - BASE, RUBBER	
BRV - BASE, RUBBER VENTED	
COP - CONCRETE POLISHED	
COS - CONCRETE SEALED	
CPT - CARPET, SHEET	
CS - CAST STONE	
CT - CARPET, TILED	
CWF - CUSTOM WINDOW FILM	
EPNT - EPOXY PAINT	
LVT - LUXURY VINYL TILE	
MB - MARKER BOARD	
MCT - MARMOLEUM COMPOSITION TILE	
MP - METAL WALL PANEL	
MS - METAL SOFFIT	
PL - PLASTIC LAMINATE	
PNT - PAINT	
SGB - STRUCTURAL GLAZED BLOCK BASE	
SSM - SOLID SURFACE MATERIAL	
TB - TACK BOARD	
TS - TACKABLE SURFACE	
WOC - WALK-OFF CARPET	
FINISH KEY (NOT ALL ABBREVIATIONS MAY BE USED)	

1	ELEVATION REFERENCE
1	CALLOUT REFERENCE
1	WALL SECTION REFERENCE
B	8 - HORIZONTAL BLINDS
SB	8 - MOTORIZED SHADES - BLACKOUT
SB	8 - WINDOW SHADES - BLACKOUT
SM	8 - MOTORIZED SHADES
S	8 - WINDOW SHADES
1	FLOOR INSTALLATION DIRECTION
1	FLOOR TRANSITION
1	WALL FINISH TAG
8 MB	EQUIPMENT TAG
FINISH PLAN LEGEND (APPLIES TO SECTION PLANS)	

NOTES APPLY TO ROOMS AS NOTED IN THE ROOM FINISH TAGS. SEE TAG LAYOUT ABOVE.

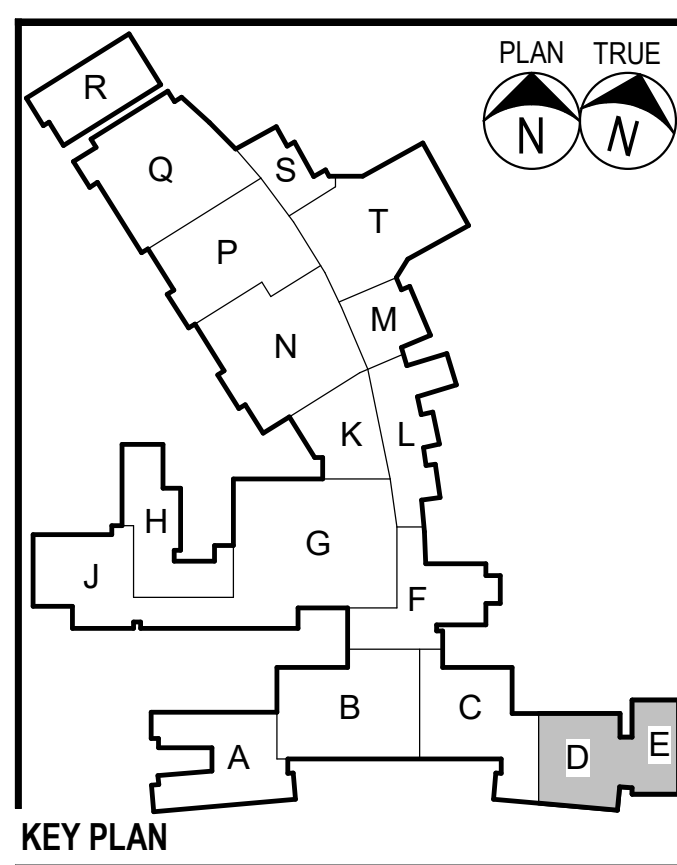
- PATCH & REPLACE PORTION OF EXISTING MCT FLOOR TILE AFFECTED BY CONSTRUCTION
- PATCH & REPLACE PORTION OF EXISTING SHEET CARPETING AFFECTED BY CONSTRUCTION

FINISH REMARKS

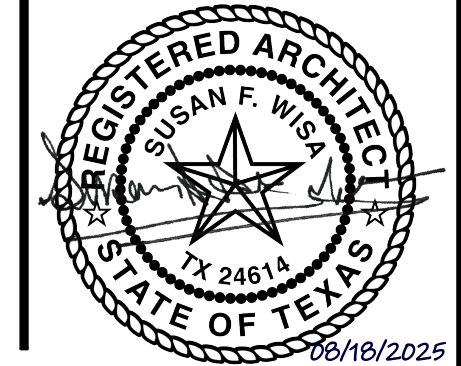
- ALL DIMENSIONS SHOW ON FINISH FLOOR PLAN DRAWINGS ARE FROM FACE OF FINISH, U.N.O.
- PROVIDE BM AND/OR FB, PNT AND CFB WALL FINISHES AS DEFINED ABOVE AND DETAILED ON INTERIOR ELEVATIONS.
- PROVIDE 3/8" MIN SEALANT JOINT WHERE FULL HT TILE MEETS GYP CLG (MATCH CLG COLOR) OR LAY-IN GRID (WHITE)
- PROVIDE SEALANT JTS @ INSIDE CORNERS OF TILED WALLS
- VERIFY EXACT FLOOR TILE PATTERN FOR ALL TOILET ROOMS. COORDINATE WITH ARCHITECT.

FINISH PLAN GENERAL NOTES

ALL SCHEDULED WALL FINISH DIRECTIONS ARE DIRECTIONS PER PLAN NORTH OF THE FINISH PLANS, NOT TRUE NORTH OF THE PROJECT SITE



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AREA E1 - FINISH PLAN



KEY PLAN

The key plan shows a site layout with 18 numbered plots. Plots R, Q, S, T, P, N, M, L, K, J, H, G, A, B, C, D, and E are outlined in black. Plot F is shaded grey. A compass rose in the top right corner shows 'PLAN' North (indicated by a black arrow) and 'TRUE' North (indicated by a white arrow). The plots are arranged in a roughly rectangular shape with some internal divisions.



1 FINISH PLAN - AREA L
1/8" = 1'-0"

CLASSROOM 025	
ROOM NAME	ROOM NUMBER
TYP FLOOR FINISH	LVT01
WALL BASE FINISH	BR01
TYP WALL FINISH	PNT01
REMARKS	1

REMARKS NUMBERS COORDINATED WITH FINISH REMARKS LEGEND LOCATED ON ALL FINISH FLOOR PLAN SHEETS

REFER TO PROJECT SPECIFICATIONS SECTION 01 6210 FOR ADDITIONAL INFORMATION REGARDING FINISH MATERIALS AND PAINT FINISH CODES.

MATERIAL TYPE $\begin{matrix} X \\ Y \end{matrix}$ $\begin{matrix} \# \\ \# \end{matrix}$ FINISH COLOR AND MATERIAL SIZE AS NOTED IN SPEC. SECTION 01 6210

AL - ALUMINUM
AP - ACOUSTICAL PANELS
BRK - BRICK
BR - BASE, RUBBER
BRV - BASE, RUBBER VENTED
COP - CONCRETE POLISHED
COS - CONCRETE SEALED
CPT - CARPET, SHEET
CS - CAST STONE
CT - CARPET, TILED
CWF - CUSTOM WINDOW FILM
EPNT - EPOXY PAINT
LVT - LUXURY VINYL TILE
MB - MARKER BOARD
MCT - MARMOLEUM COMPOSITION TILE
MP - METAL WALL PANEL
MS - METAL SOFFIT
PL - PLASTIC LAMINATE
PNT - PAINT
SGB - STRUCTURAL GLAZED BLOCK BASE
SSM - SOLID SURFACE MATERIAL
TB - TACK BOARD
TS - TACKABLE SURFACE
WOC - WALK-OFF CARPET

FINISH KEY (NOT ALL ABBREVIATIONS MAY BE USED)

$\begin{matrix} A1.1 \\ \nearrow \end{matrix}$	ELEVATION REFERENCE
$\begin{matrix} 1 \\ \square \\ A1.1 \end{matrix}$	CALLOUT REFERENCE
$\begin{matrix} 1 \\ \text{SIM} \\ A101 \end{matrix}$	WALL SECTION REFERENCE
$\begin{matrix} B \\ \bigcirc \end{matrix}$	$\begin{matrix} B \\ \text{SHS} \end{matrix}$ - HORIZONTAL BLINDS $\begin{matrix} SB \\ \text{SHS} \end{matrix}$ - MOTORIZED SHADES - BLACKOUT $\begin{matrix} S \\ \text{SHS} \end{matrix}$ - WINDOW SHADES - BLACKOUT $\begin{matrix} S \\ \text{SHS} \end{matrix}$ - MOTORIZED SHADES $\begin{matrix} S \\ \text{SHS} \end{matrix}$ - WINDOW SHADES
\longrightarrow	FLOOR INSTALLATION DIRECTION
\times	FLOOR TRANSITION
FINISH	WALL FINISH TAG
$\begin{matrix} 8 \\ \text{MB} \end{matrix}$	EQUIPMENT TAG

FINISH PLAN LEGEND (APPLIES TO SECTION PLANS)

NOTES APPLY TO ROOMS AS NOTED IN THE ROOM FINISH TAGS. SEE TAG LAYOUT ABOVE.

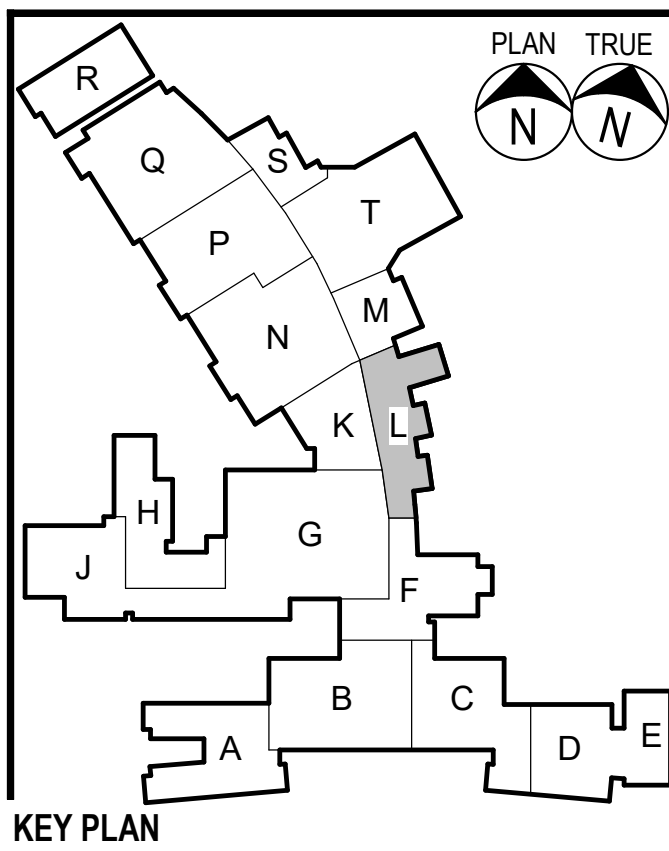
1. PATCH & REPLACE PORTION OF EXISTING MCT FLOOR TILE AFFECTED BY CONSTRUCTION
2. PATCH & REPLACE PORTION OF EXISTING SHEET CARPETING AFFECTED BY CONSTRUCTION

FINISH REMARKS

1. ALL DIMENSIONS SHOW ON FINISH FLOOR PLAN DRAWINGS ARE FROM FACE OF FINISH, U.N.O.
2. PROVIDE BM AND/OR FB, PNT AND CFB WALL FINISHES AS DEFINED ABOVE AND DETAILED ON INTERIOR ELEVATIONS.
3. PROVIDE 3/8" MIN SEALANT JOINT WHERE FULL HT TILE MEETS GYP CLG (MATCH CLG COLOR) OR LAY-IN GRID (WHITE)
4. PROVIDE SEALANT JTS @ INSIDE CORNERS OF TILED WALLS
5. VERIFY EXACT FLOOR TILE PATTERN FOR ALL TOILET ROOMS. COORDINATE WITH ARCHITECT.

FINISH PLAN GENERAL NOTES

ALL SCHEDULED WALL FINISH DIRECTIONS ARE DIRECTIONS PER PLAN NORTH OF THE FINISH PLANS, NOT TRUE NORTH OF THE PROJECT SITE

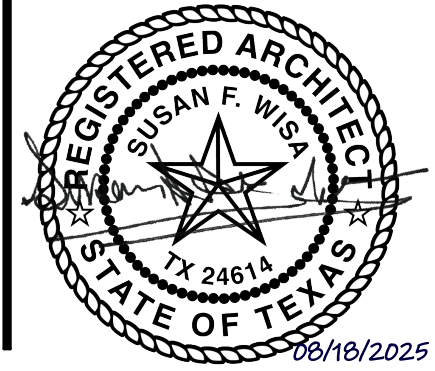


Date

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AREA L1 - FINISH PLAN

Job No.

01818-07-01

Drawn By:

MJ

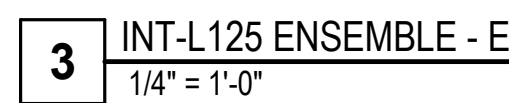
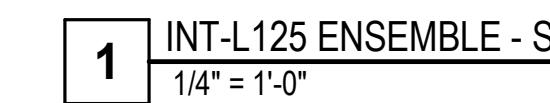
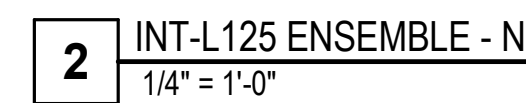
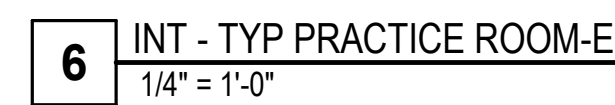
Date:

06/18/2025

Sheet No.

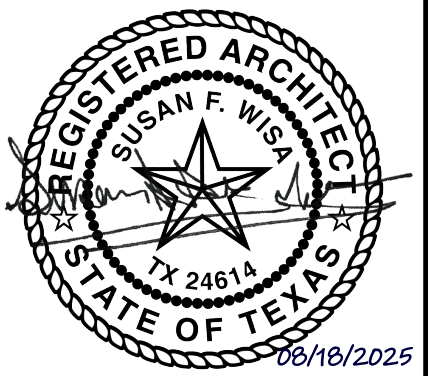
A4.03

ALL SCHEDULED WALL FINISH DIRECTIONS ARE DIRECTIONS PER PLAN NORTH OF THE FINISH PLANS, NOT TRUE NORTH OF THE PROJECT SITE



2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
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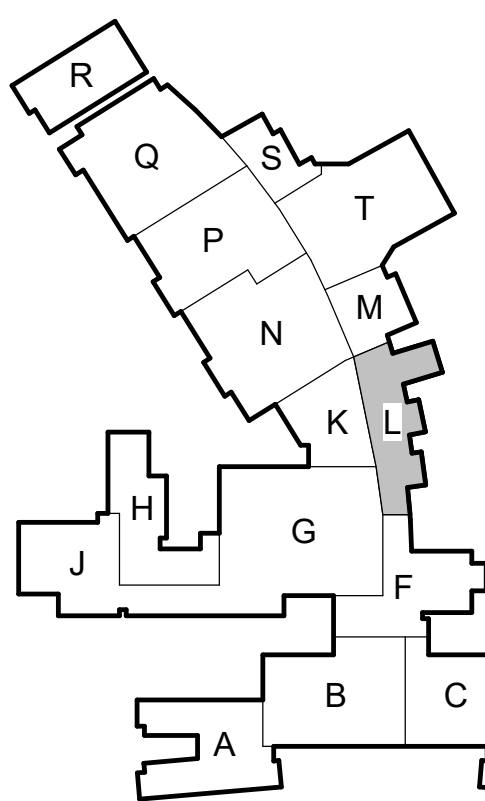
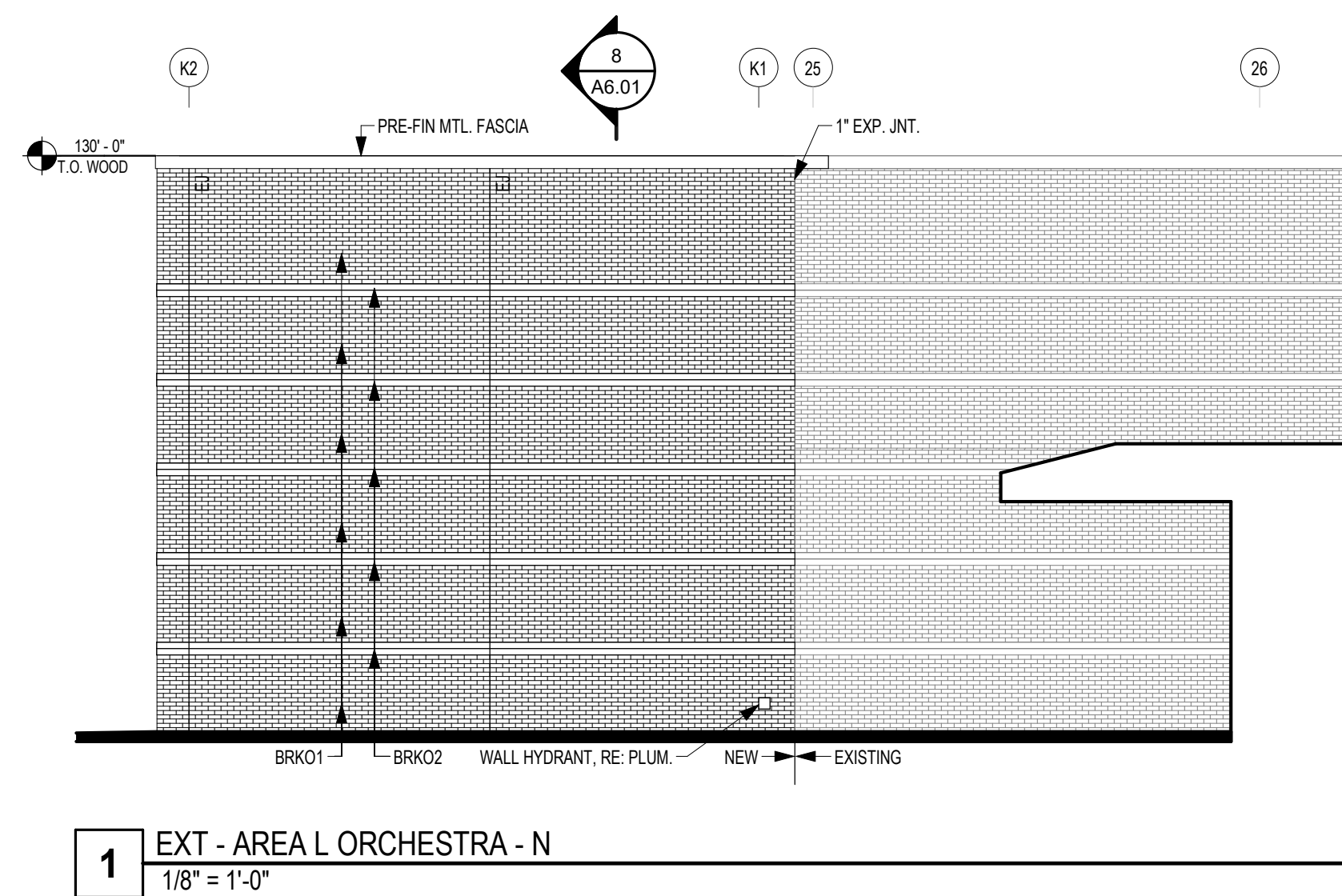
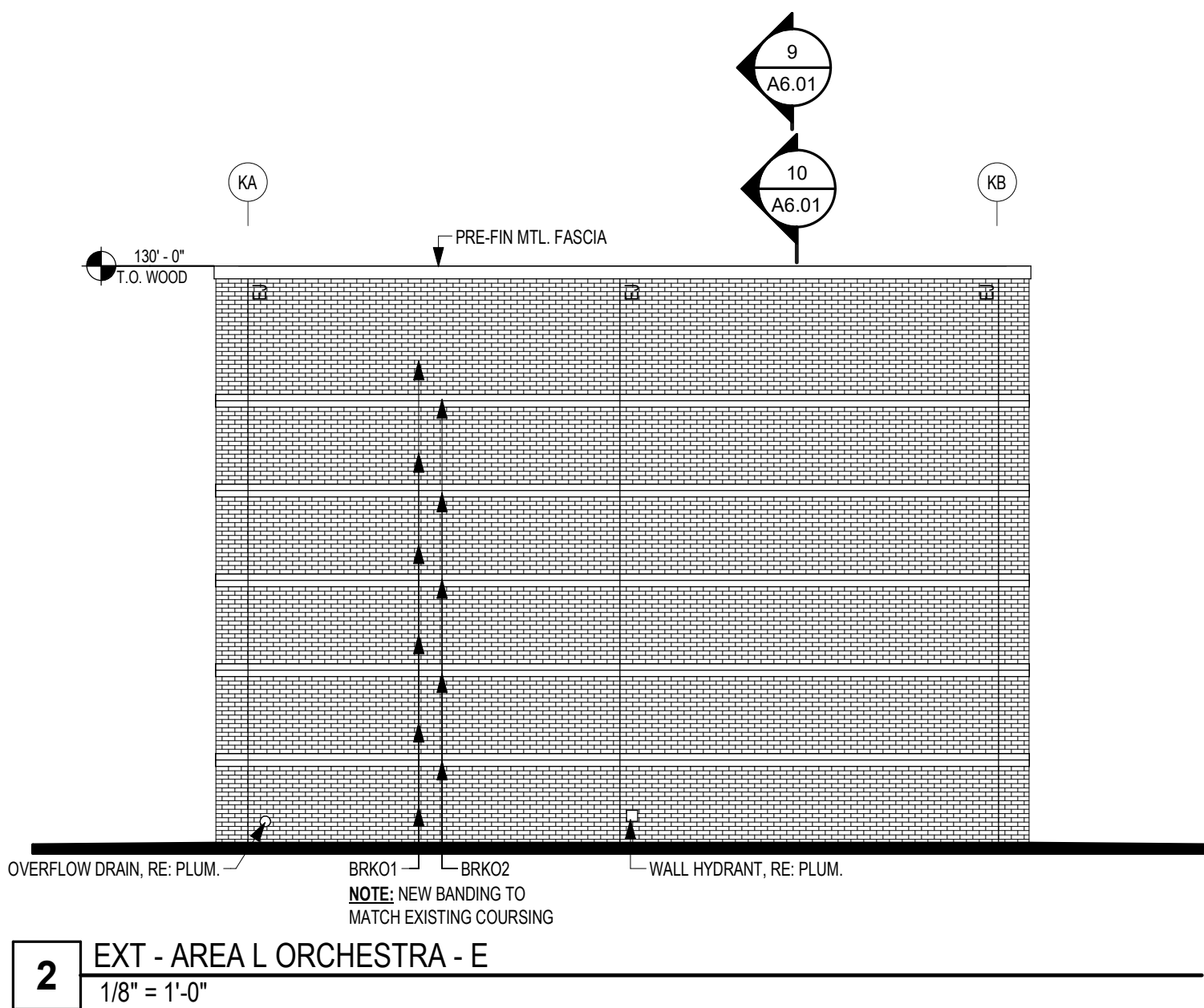
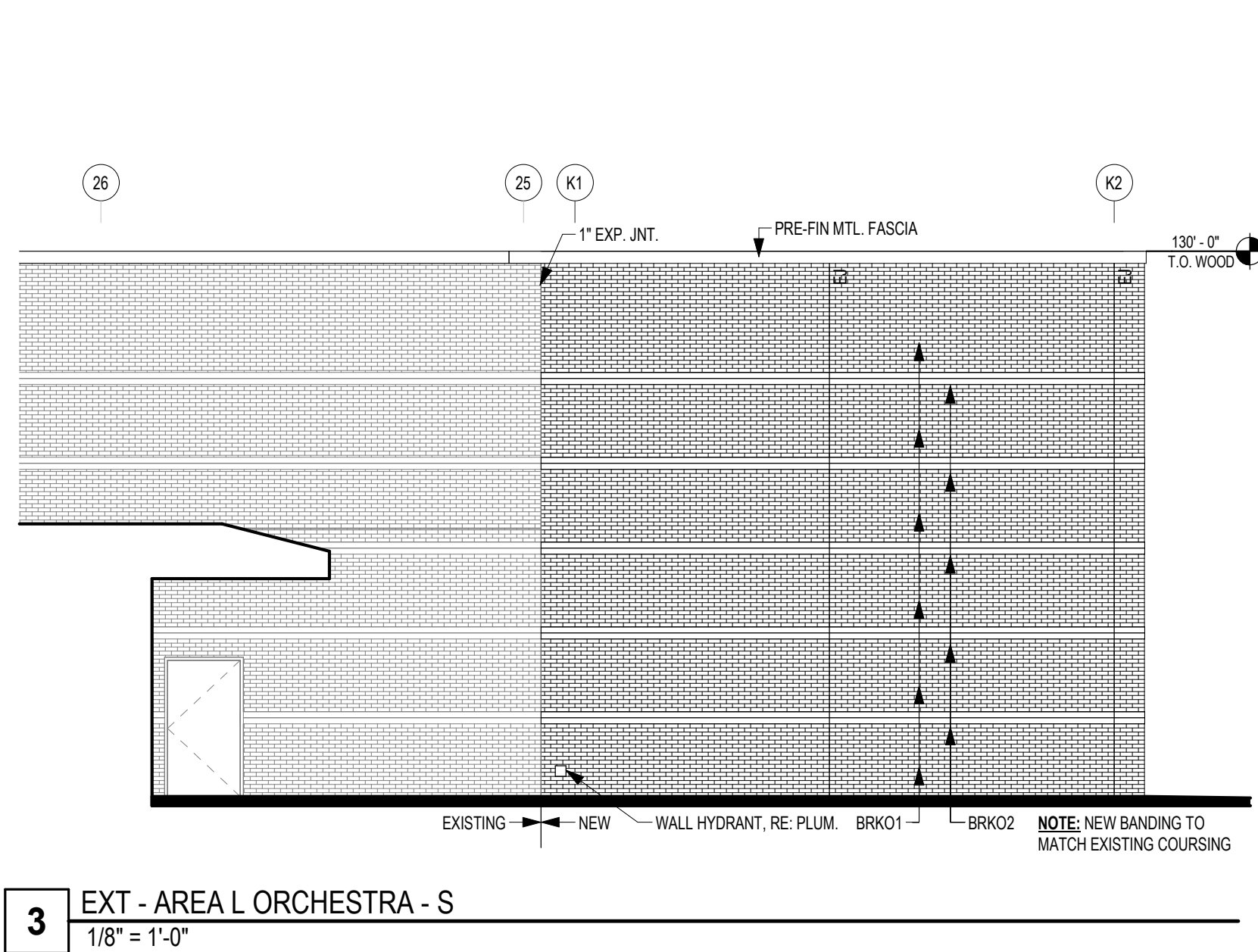
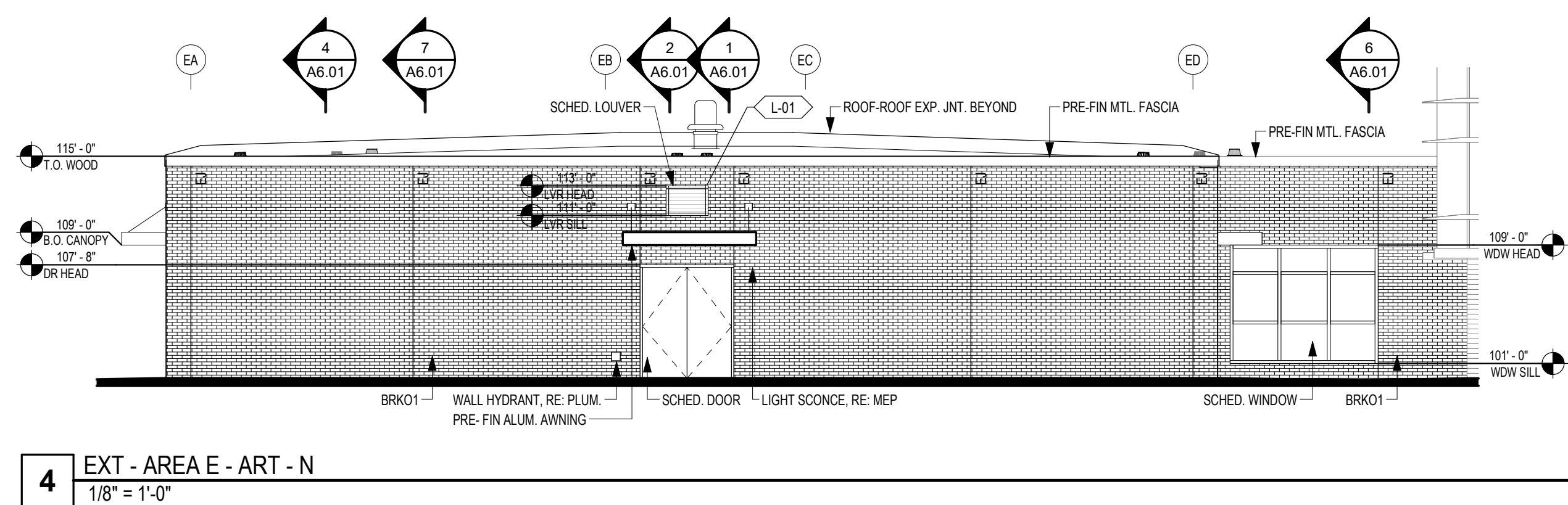
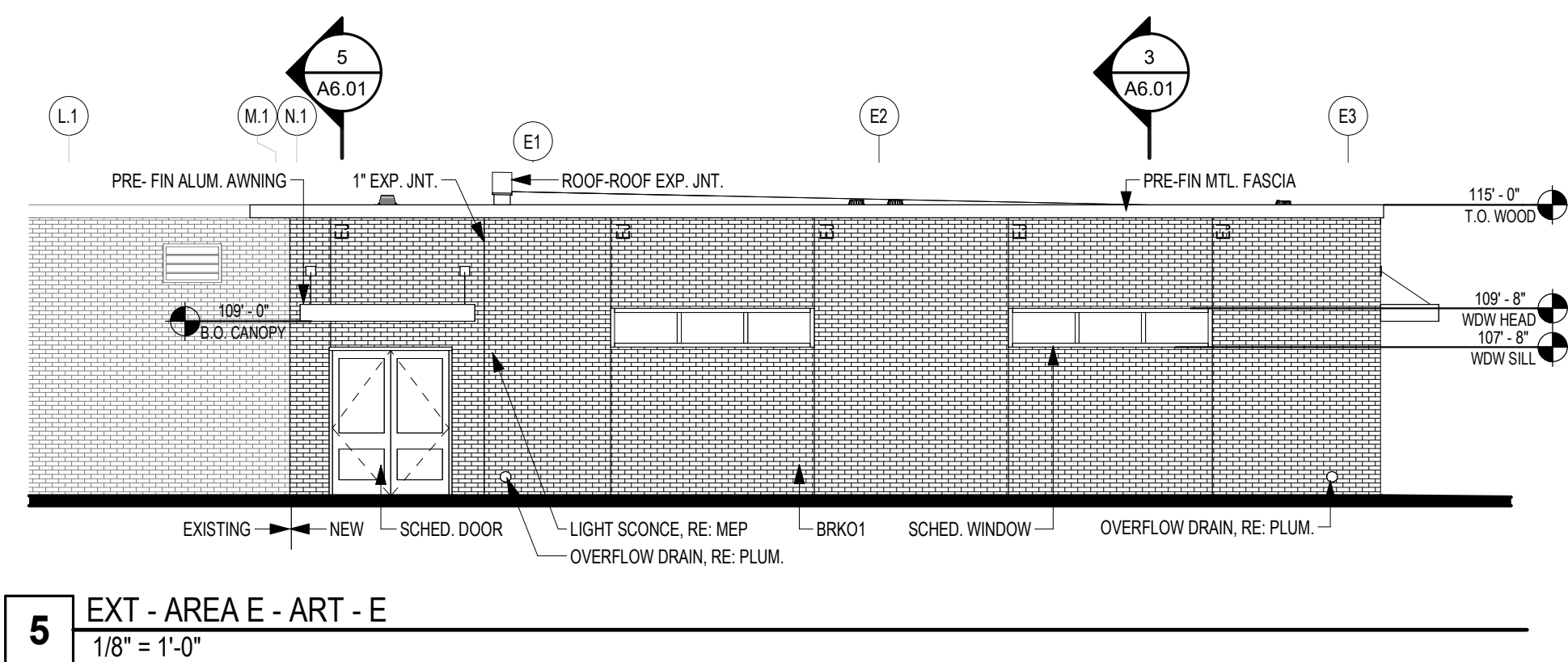
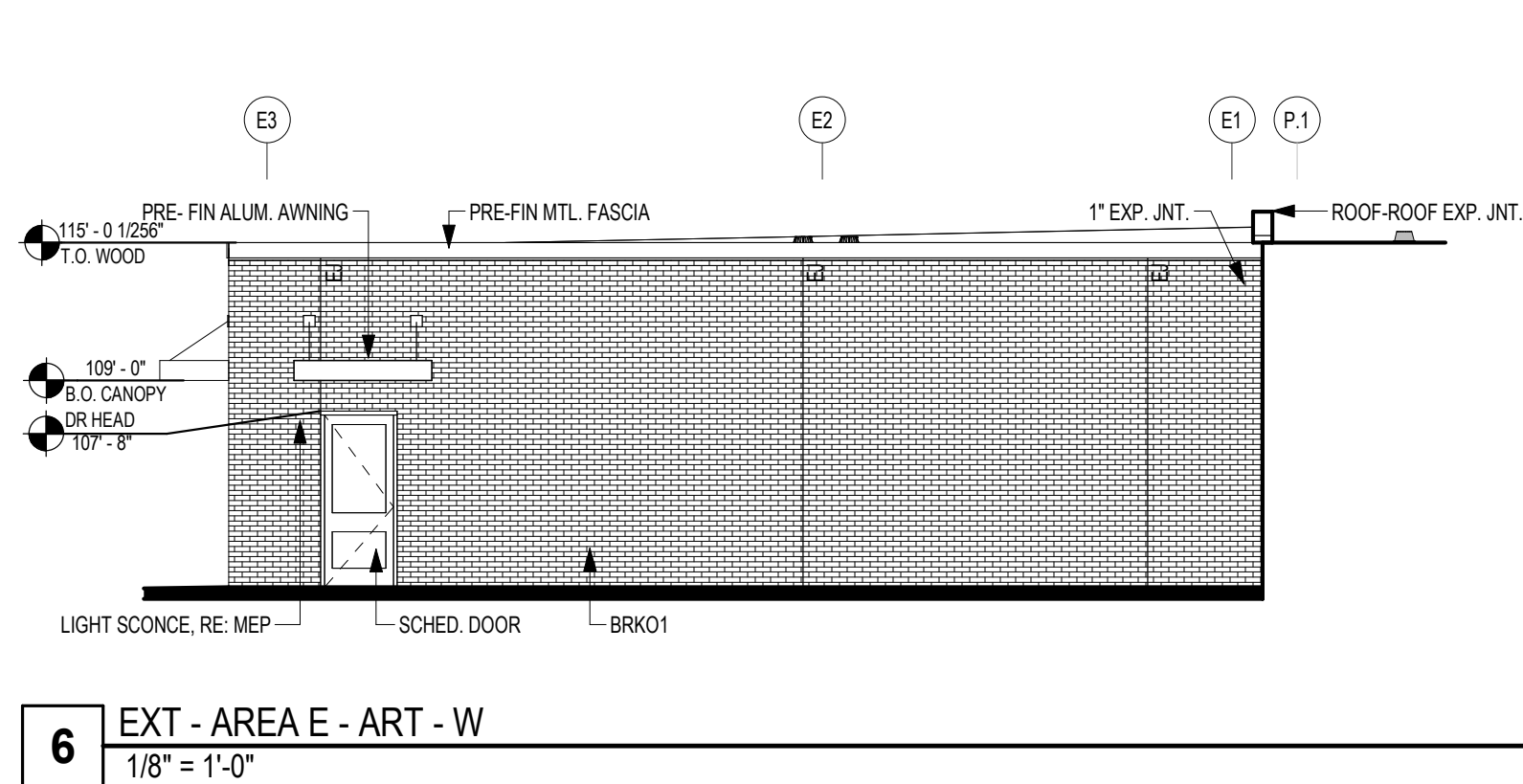
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EXTERIOR ELEVATIONS

Job No.
01818-07-01
Drawn By:
PR
Date:
06/18/2025
Sheet No.
A5.01



1. REFER ALSO TO QS SHTS FOR WALL CONSTRUCTION DETAILS. TYPICAL DETAILS APPLY, AS NEEDED, TO ALL WALL SECTIONS U.N.O.
2. REINFORCING IN CONCRETE BEAMS, FOOTINGS, & PIERS HAS NOT BEEN INDICATED FOR CLARITY. REFER TO STRUCTURAL DRAWINGS FOR THE REINFORCING.
3. CONTRACTOR SHALL VERIFY THE DIMENSIONAL CONDITIONS BETWEEN ALL STRUCTURAL ELEMENTS & THE ARCHITECTURAL ELEMENTS FOR CONFLICTS. IF DISCREPANCIES ARE ENCOUNTERED, NOTIFY THE ARCHITECT IMMEDIATELY.
4. AT ALL EXTERIOR WALLS, PLACE WEATHER BARRIER AT THE EXTERIOR FACE OF CMU OR SHEATHING. CONTRACTOR TO VERIFY CHEMICAL COMPATIBILITY OF WEATHER BARRIER & SELF-ADHESIVE FLASHING.
5. PROVIDE 3 STACKED BRICK HEADERS OR ONE SOLID BRICK AT ALL SOLIDER OUTSIDE CORNERS (4"X10" MIN).
6. PROVIDE A WEATHERED MORTAR JOINT AT ALL EXTERIOR CONDITIONS WHERE THE MASONRY COURSE BELOW THE JOINT PROJECTS BEYOND THE COURSE ABOVE.
7. WHERE CMU IS SHOWN SHADED, FILL CELL SOLID WITH GROUT UNLESS NOTED IN DETAILS AS MORTAR. COORDINATE ALL LOCATIONS WITH STRUCTURAL DRAWINGS. IN CASES OF APPARENT CONFLICT, STRUCTURAL DRAWINGS SHALL GOVERN DESIGN.
8. FILL ALL OPEN CELLS OF CMU SOLID WITH FOAM INSULATION AT ALL EXTERIOR CONDITIONS WHERE RIGID INSULATION IS NOT APPLIED IN THE CAVITY WALL.
9. PROVIDE THERMAL BATT INSULATION AT ALL EXTERIOR STUD WALLS & ACOUSTICAL BATT INSULATION AT INTERIOR STUD WALLS AS DESCRIBED IN SECTION 07 2100 OF THE SPECIFICATIONS.
10. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL WALL REINFORCING.
11. ALL MASONRY WALLS SHALL BE REINFORCED WITH CONTINUOUS HORIZONTAL BEDJOINT REINFORCING AS SPECIFIED, AT 16" VERTICAL SPACING. AT VENEER CONDITIONS PROVIDE TIES AS SPECIFIED AT 16" O.C.E.W.
12. INFORMATION SHOWN BEYOND IN WALL SECTIONS IS PROVIDED FOR INFORMATION ONLY & SHALL NOT LIMIT THE SCOPE OF WORK REQUIRED IN THIS PROJECT.
13. SMALLER SCALE DRAWINGS MAY NOT SHOW ALL CONNECTIONS & FINISHES. ALWAYS REFER TO ENLARGED DETAILS, WHERE PROVIDED, FOR ADDITIONAL INFORMATION. IN CASES OF APPARENT CONFLICT, THE LARGER SCALED DETAIL SHALL APPLY.
14. INTERIOR WALL FINISHES ARE NOT SHOWN ON WALL SECTIONS TO AVOID VISUAL CLUTTER. REFER TO 44 SHEETS FINISH SCHED & INTERIOR ELEVATIONS FOR REQUIRED MATERIALS & MATERIAL PATTERNS.

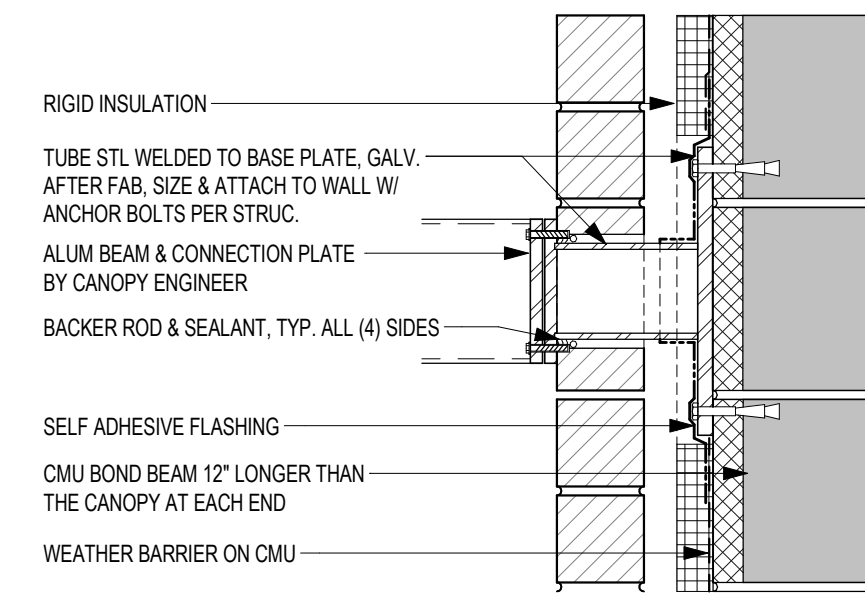
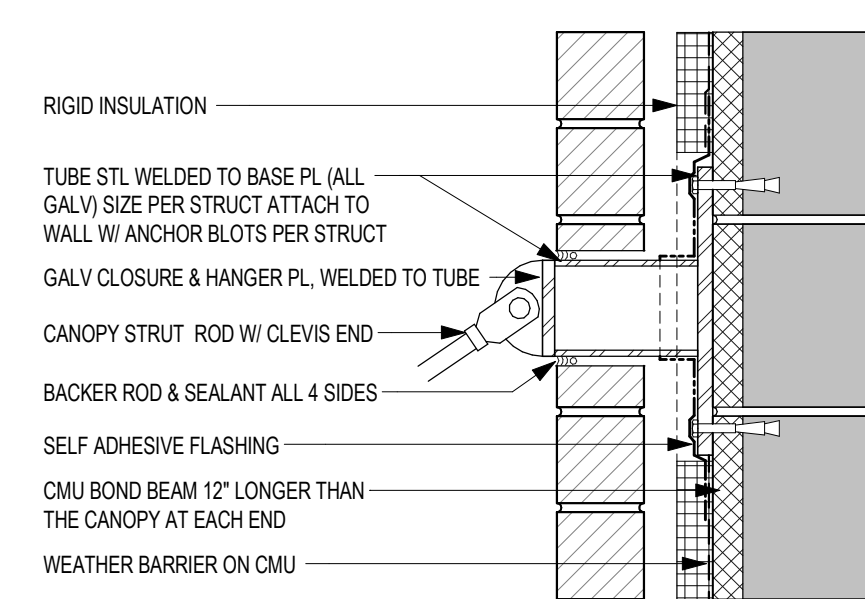
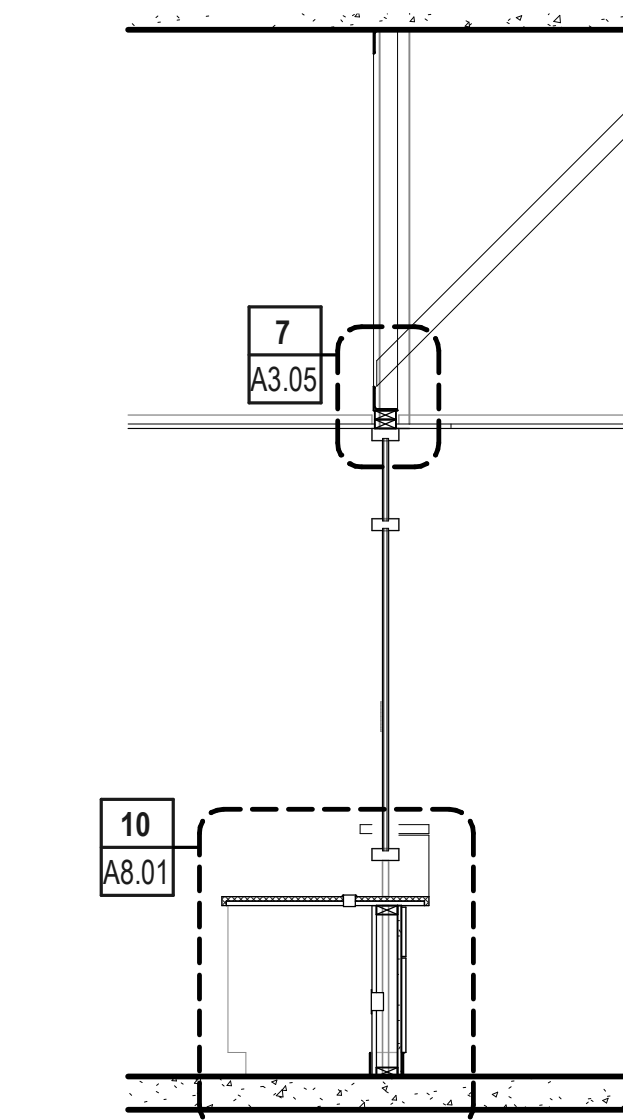
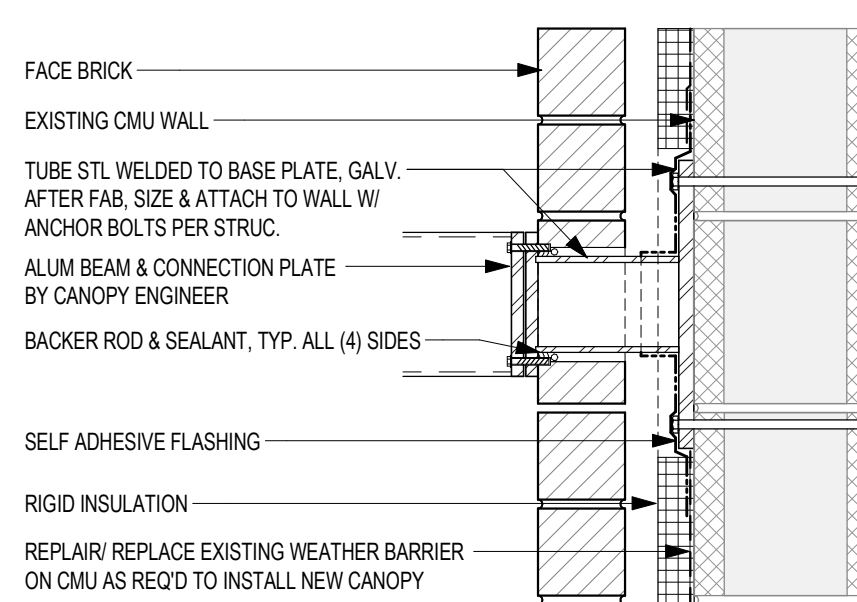
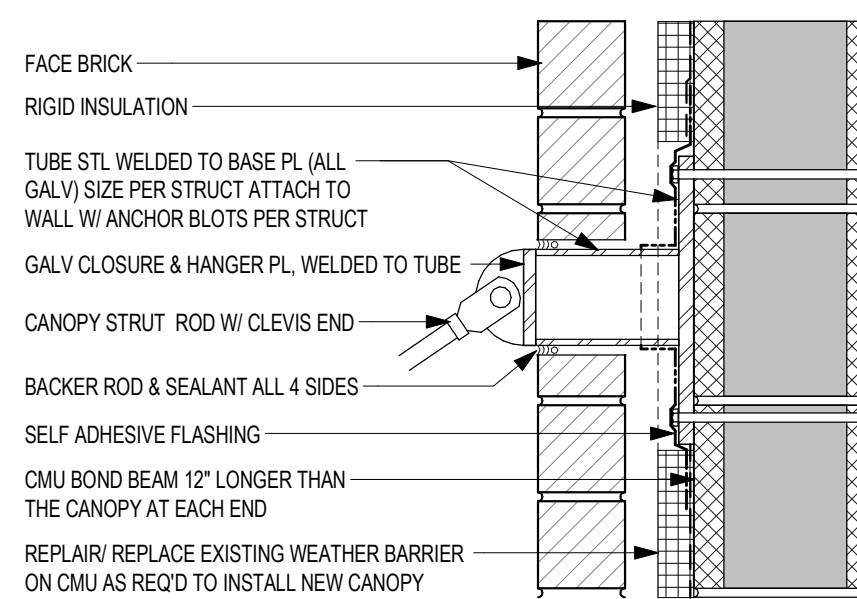
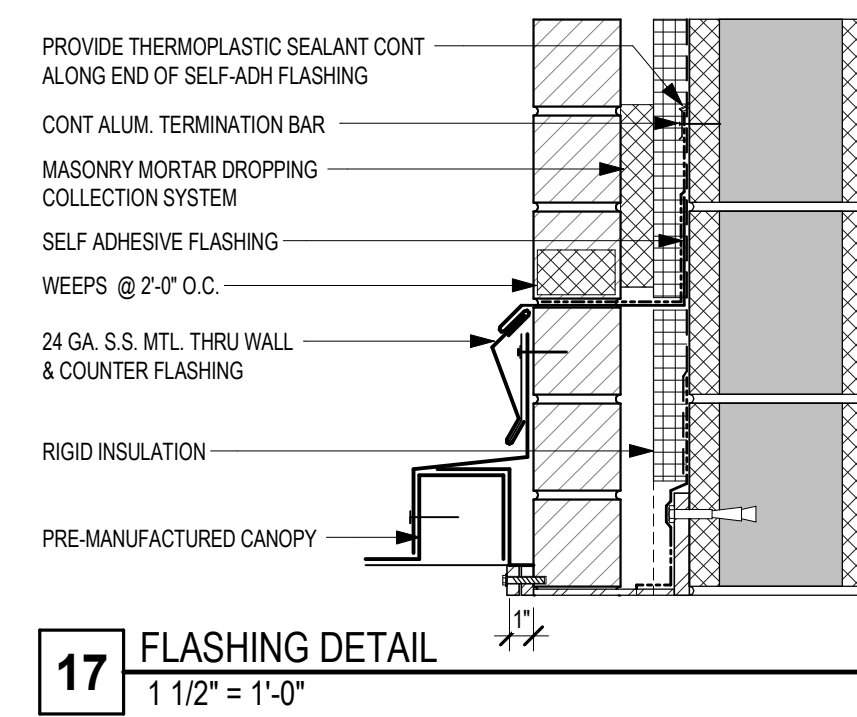
APPLICABLE TO ALL
A6 SHEETS

LETTER INDICATES EXTERIOR WALL
NUMBER INDICATES BACKUP
CONSTRUCTION AS FOLLOWS:
100 - CFMF
200 - CMU
300 - ICF
400 - STRUCTURAL CONC.
PRECAST PANEL
REF. SHT. G3.01 FOR SPECIFIC WALL
TYPES

EXTERIOR WALL TYPE LEGEND

LETTER INDICATES TYPE
NUMBER INDICATES CONSTRUCTION AS FOLLOWS:
R100 - BUILT-UP INSUL., MTL. DECK
R101 - BUILT-UP INSUL., MTL. DECK
REF. SHT. G3.01 FOR ROOF CONSTRUCTION TYPES

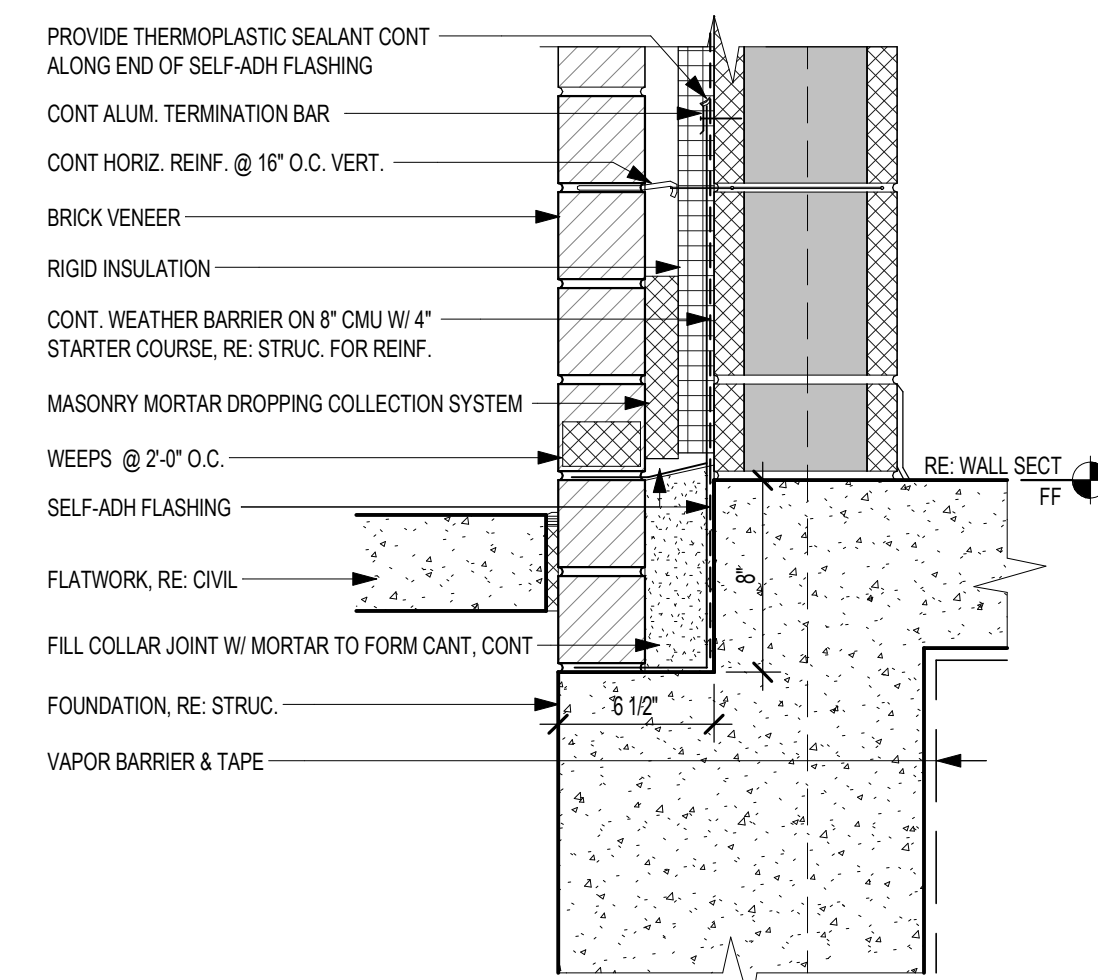
ROOF TYPE LEGEND



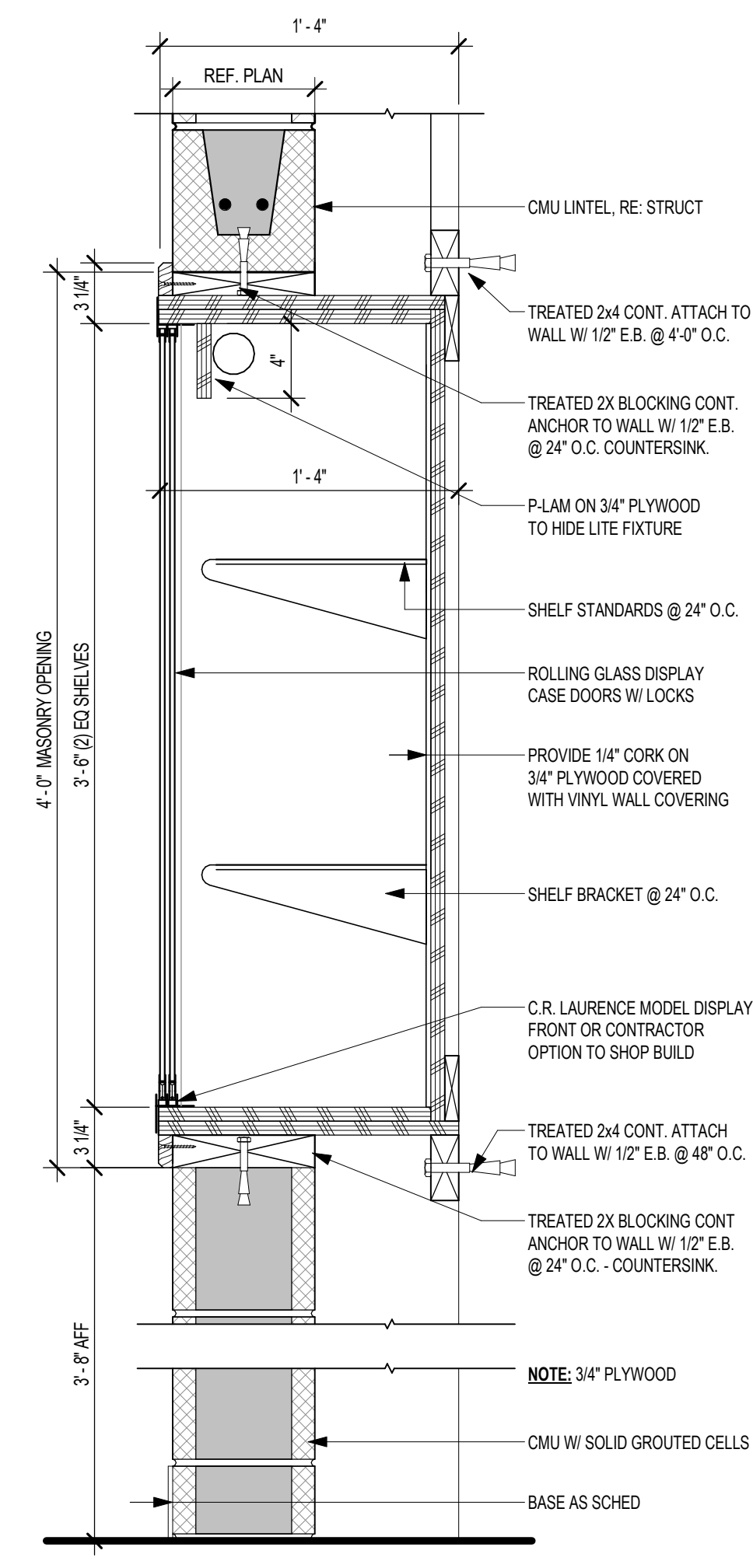
13 CANOPY SUPPORT
1 1/2" = 1'-0"

12 CANOPY SUPPORT @ EXISTING WALL
1 1/2" = 1'-0"

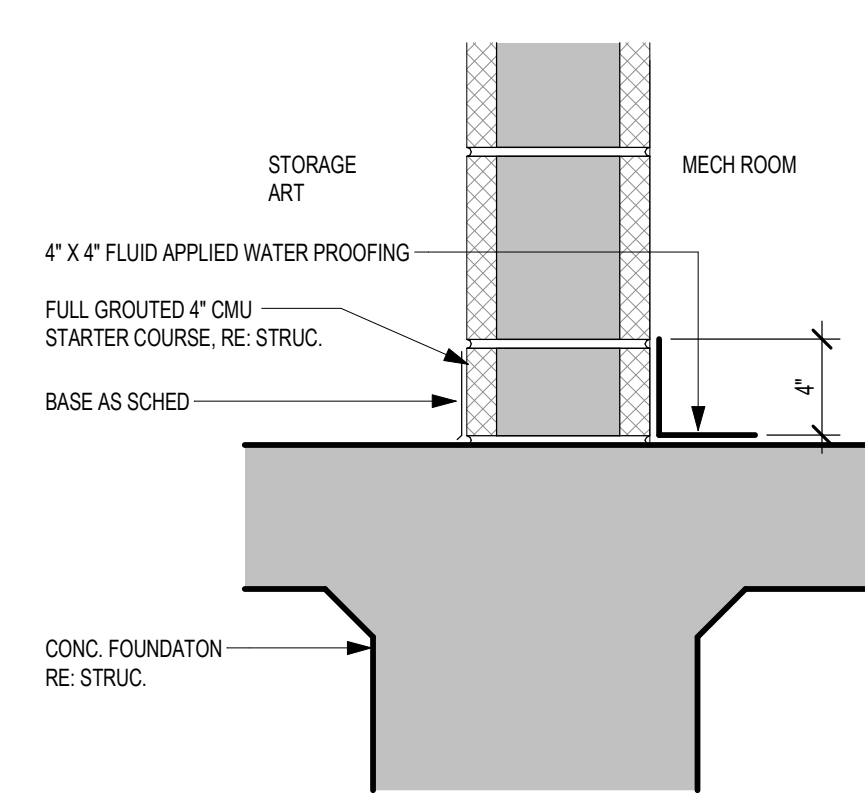
11 GYP - F168 W
3/8" = 1'-0"



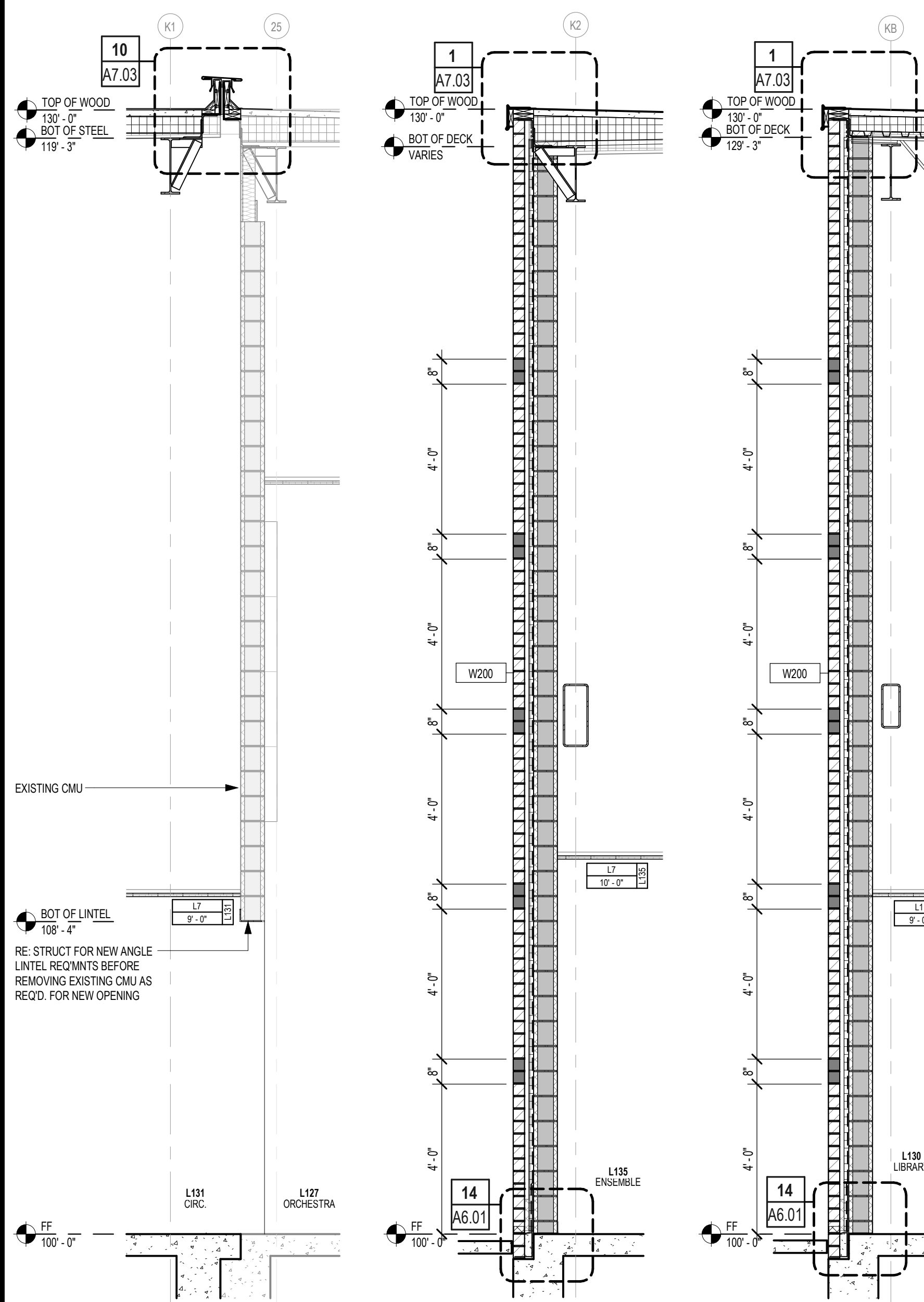
14 A6 - BRK/CMU BRICK LEDGE
1 1/2" = 1'-0"



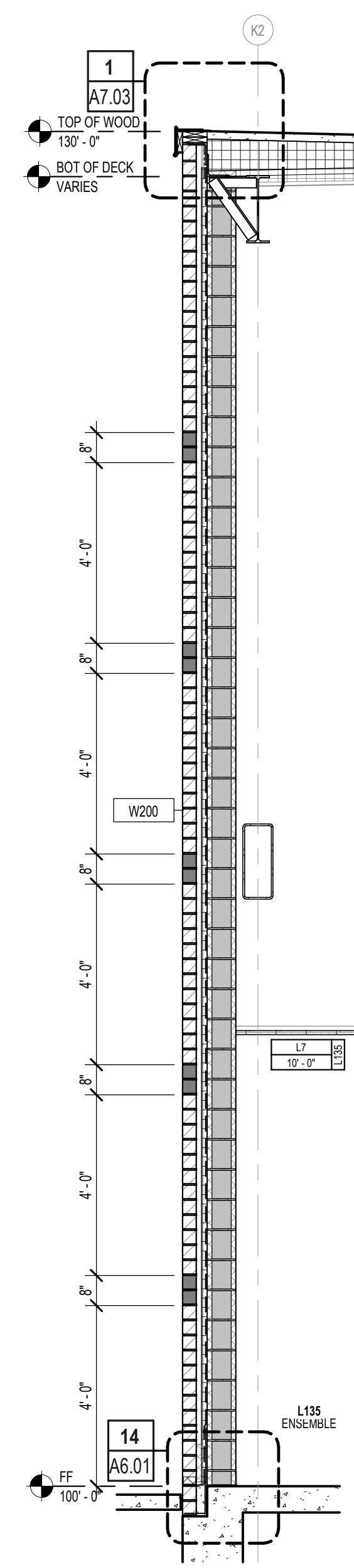
15 DISPLAY CASE DETAIL
1 1/2" = 1'-0"



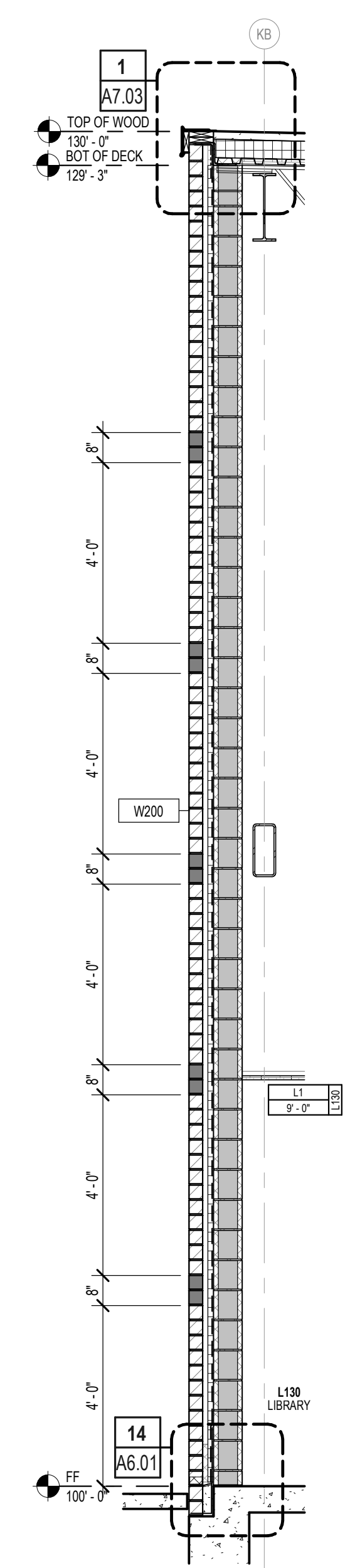
16 WS-EPOXY BASE @ CMU
1 1/2" = 1'-0"



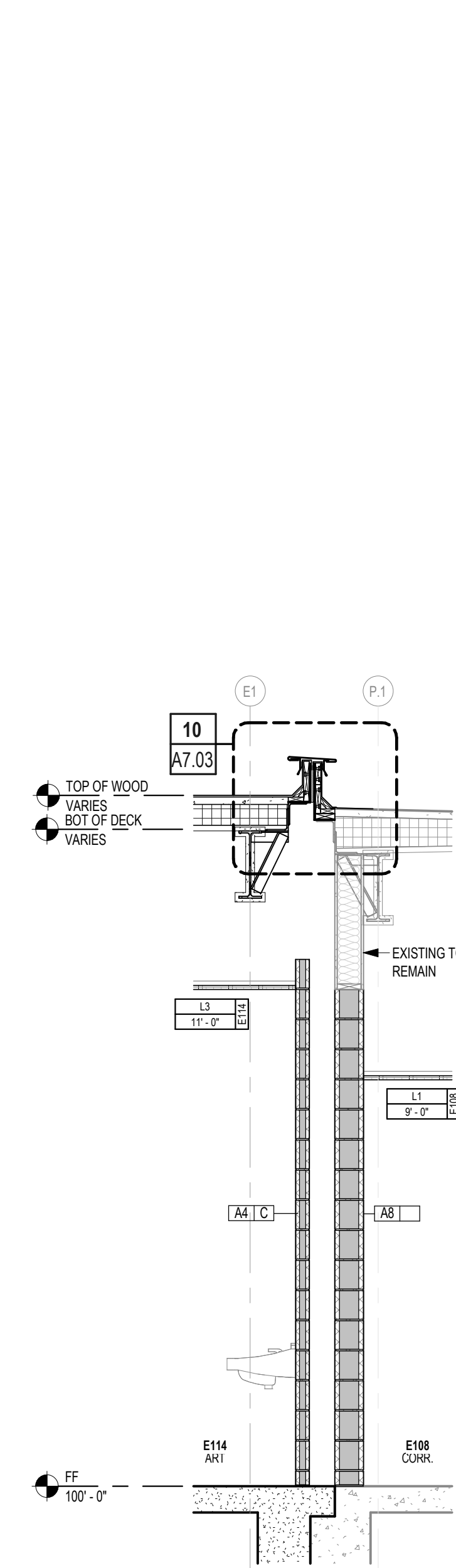
10 EXIST BRK/CMU - L131 W
3/8" = 1'-0"



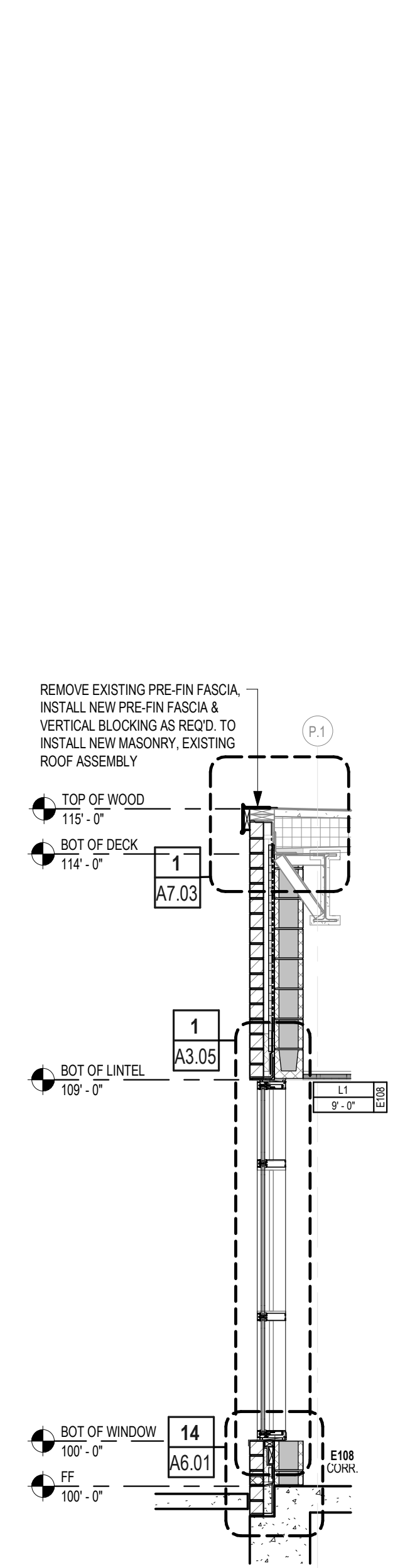
9 BRK/CMU - L135 E
3/8" = 1'-0"



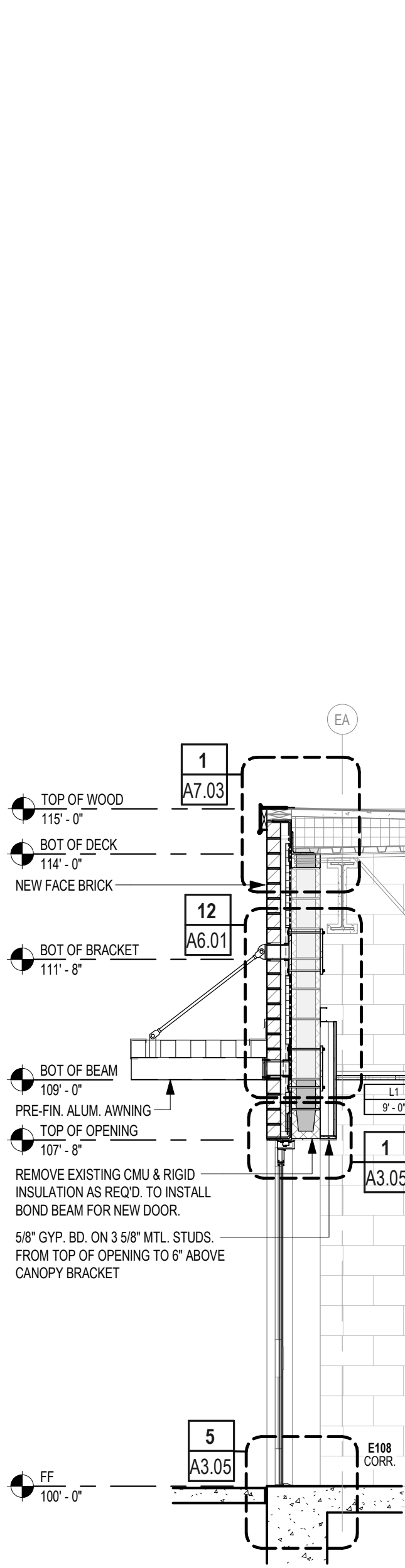
8 BRK/CMU - L130 N
3/8" = 1'-0"



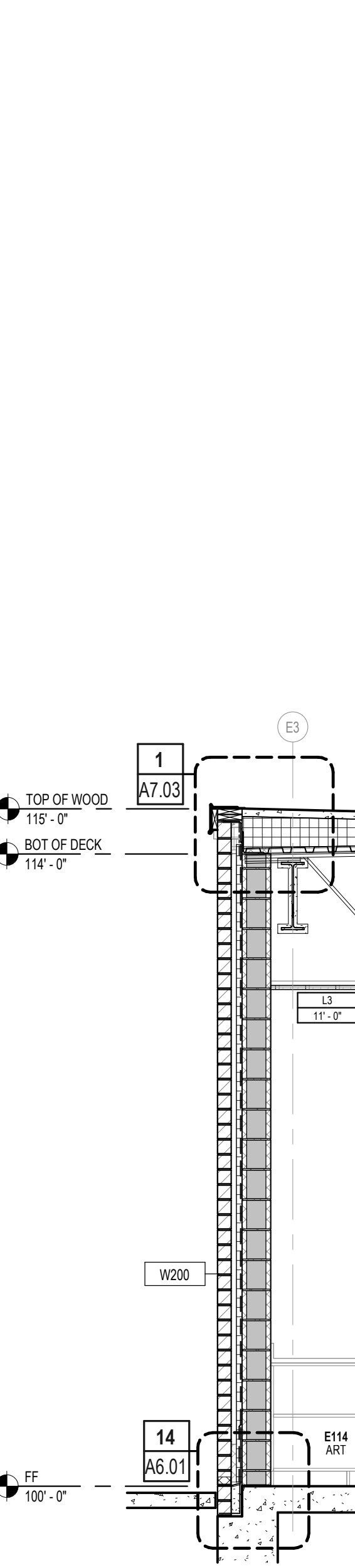
7 EXIST BRK/CMU - E108 N
3/8" = 1'-0"



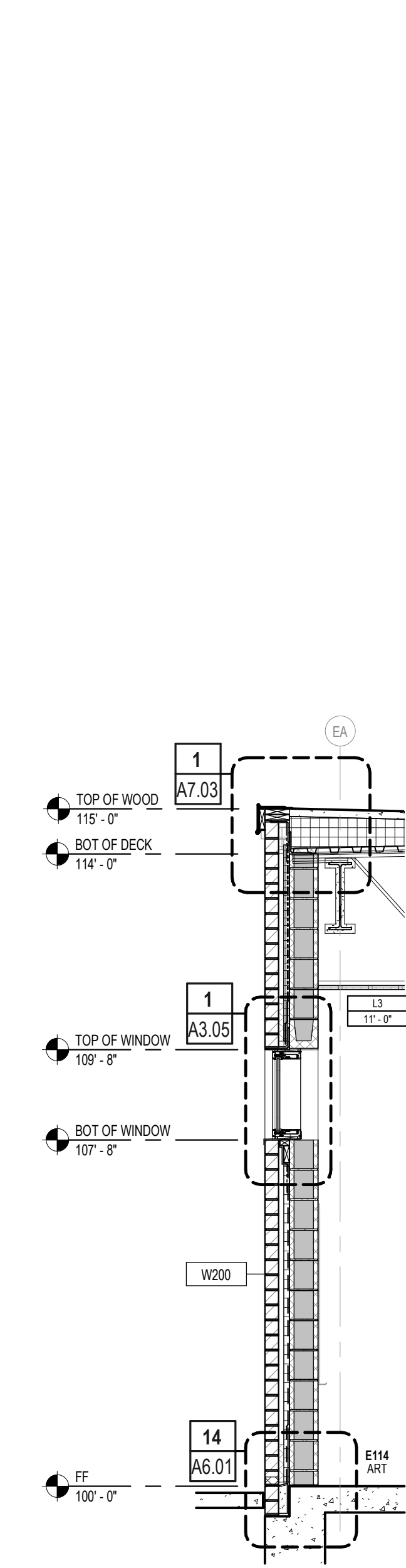
6 EXIST BRK/CMU - E108 E @ WND
3/8" = 1'-0"



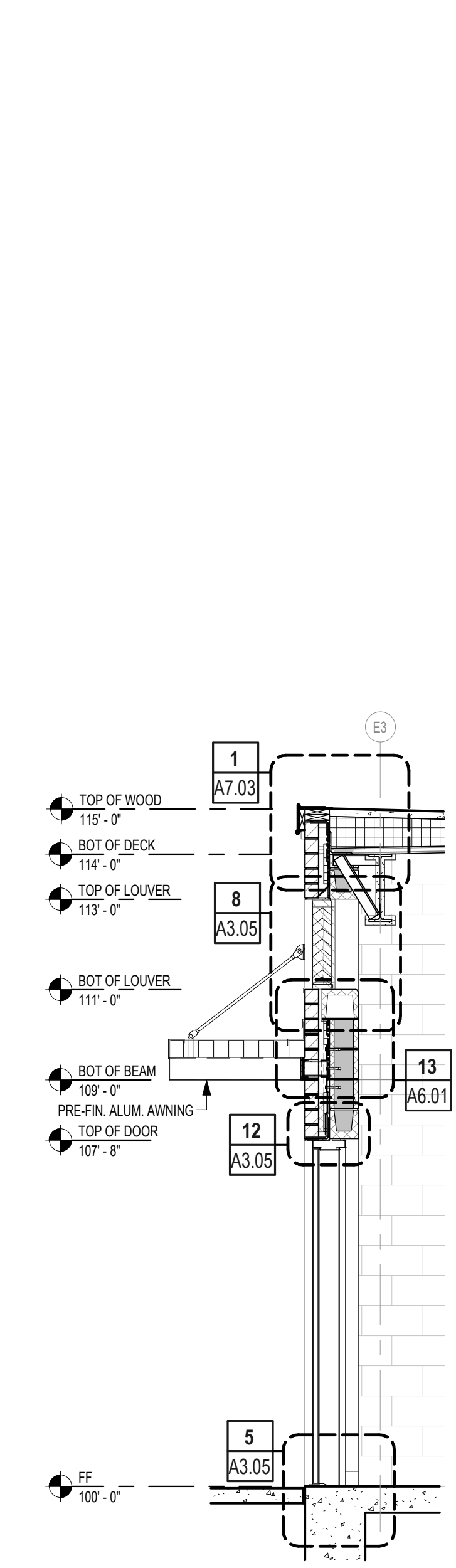
5 EXIST BRK/CMU - E108 E @ DR
3/8" = 1'-0"



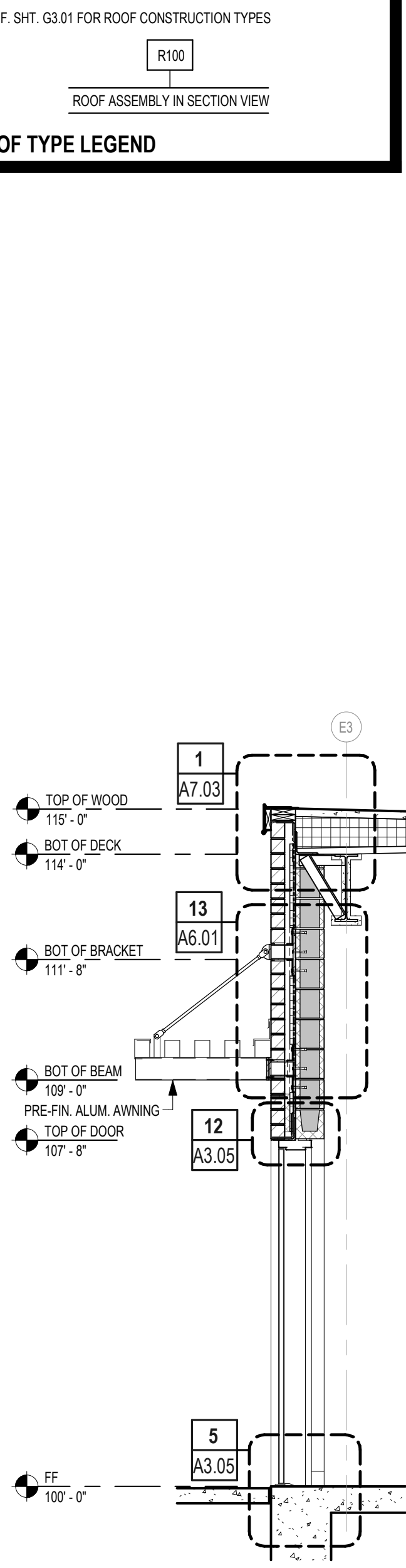
4 BRK/CMU - E114 N
3/8" = 1'-0"



3 BRK/CMU - E114 E @ WND
3/8" = 1'-0"



2 BRK/CMU - E110 N @ DR-LOUVER
3/8" = 1'-0"



1 BRK/CMU - E110 N @ DR
3/8" = 1'-0"

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD

10707 MASON RD, CYPRESS, TX 77433

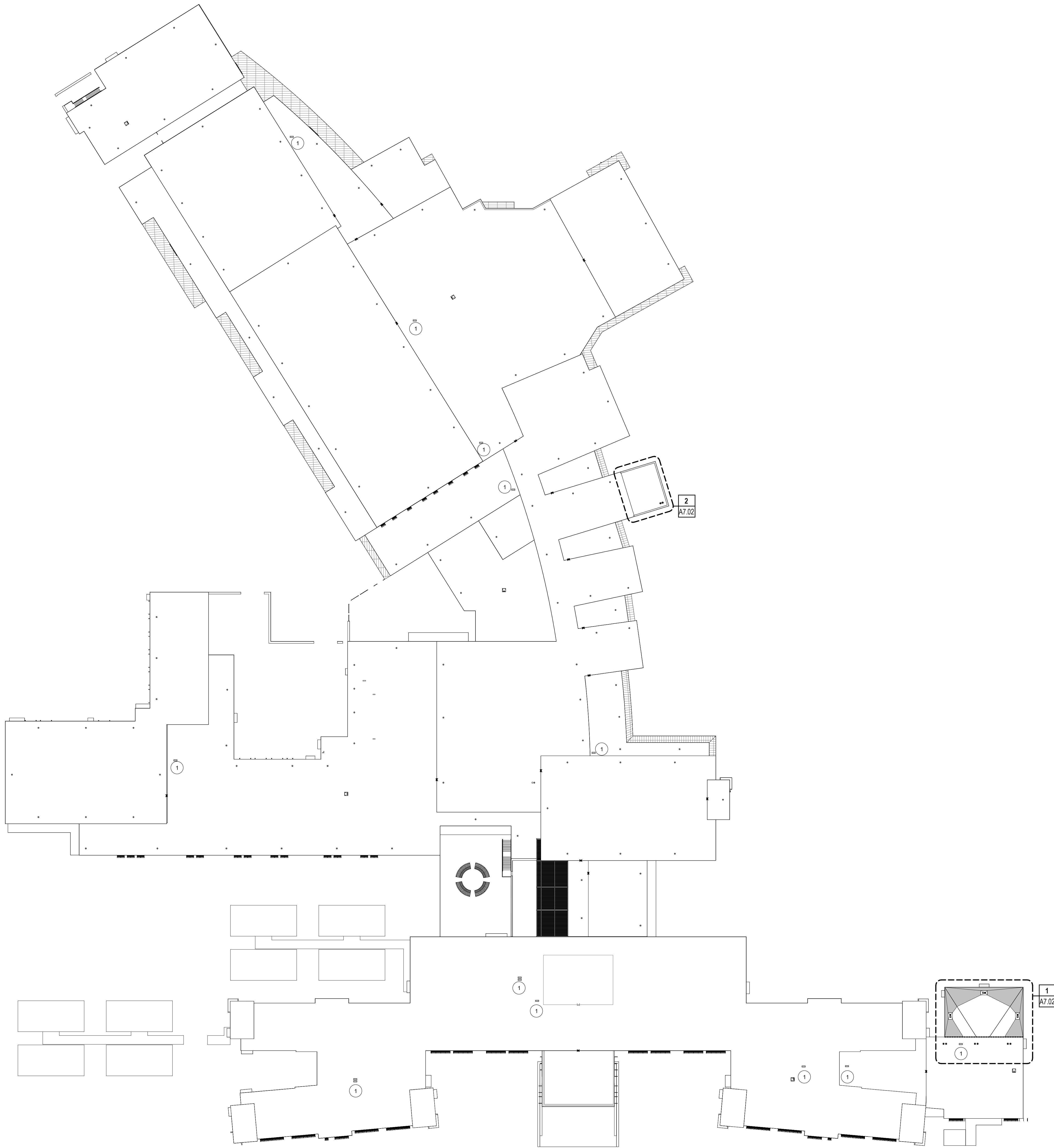
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WALL SECTIONS AND DETAILS

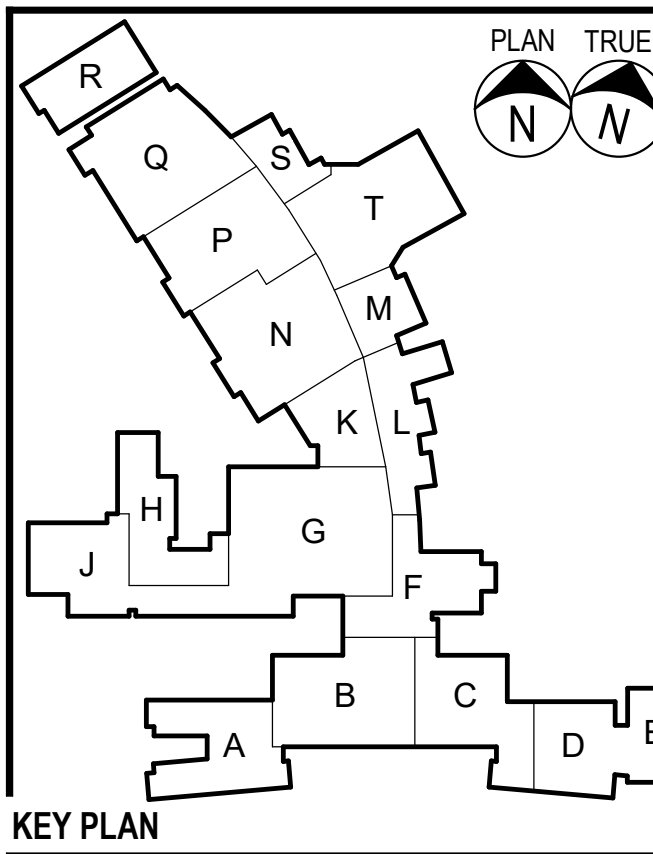
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01818-07-01
Sheet No.
A6.01
Date:
06/18/2025



1 MASTER ROOF PLAN
1" = 40'-0"

1. PROVIDE AND INSTALL **BUILT-UP** ROOFING SYSTEM, W/ RIGID INSULATION AS SPECIFIED. REFER TO SPECIFICATIONS FOR ATTACHMENT REQUIREMENTS FOR ROOF INSULATION BOARD. REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR DESCRIPTION OF UNDERLYING STEEL DECK.
2. PROVIDE TAPERED INSULATION AS SHOWN ON THE DRAWINGS. TAPERED INSULATION SHALL BE INSTALLED TO PROVIDE 1/2" PER FOOT MIN SLOPE IN ANY ROOF PLANE & 1/4" PER FOOT MIN SLOPE DOWN VALLEYS TOWARD ROOF DRAINS.
3. EXPANSION JOINT COVERS SHALL BE AS SHOWN ON TYPICAL ROOF DETAILS. EXPANSION JOINT COVERS SHALL BE INSTALLED WHERE INDICATED ON PLANS AND IN FULL ACCORDANCE W/ CONVENTIONAL ROOFING AND SHEET METAL PRACTICES. ALL EXPANSION JOINT COVERS AND END CLOSURES SHALL BE 24 GA. S.S. REFER TO EXPANSION JOINT DETAILS AND ROOFING PLAN FOR LOCATION.
4. REF. TO PLUMBING DRAWINGS FOR ROOF DRAIN SIZING & LEADER INFORMATION. INSULATE ROOF DRAIN PIPING AND ROOF DRAIN BODY. EXTEND DOWNSPOUTS THROUGH CHASES INTO UNDERGROUND COLLECTION SYSTEM. REFER TO MECH. AND CIVIL DRAWINGS FOR EXTENSION. TURN OVERFLOW DOWNSPOUTS INSIDE CHASE & OUT ON TO CONCRETE WALK. IF ROOF DRAINS CONFLICT WITH STRUCTURAL, MOVE AS DIRECTED, BUT MAKE ALL WALL PENETRATIONS AS SHOWN. REFER TO PLUMBING SHITS. FOR UNDERGROUND PIPING.
5. ROOFING CONTRACTOR SHALL PROVIDE & INSTALL ALL FLASHINGS, COUNTERFLASHINGS, EXPANSION JOINT COVERS, & GUTTERS. ROOFING CONTRACTOR SHALL INSTALL ROOF DRAINS AND FLASHINGS & COUNTER FLASHING CALLED FOR ON ALL MECHANICAL EQUIPMENT. ALL ROOF FLASHINGS AND COUNTERFLASHINGS SHALL BE MIN. 24 GA. SS.
6. SEE MECHANICAL AND ELECTRICAL SHEETS FOR VENTS, GAS LINES, A/C UNITS, EXHAUST FANS, ETC.
7. REFER TO STRUCTURAL DRAWINGS FOR ROOF MOUNTING FRAME SUPPORT DETAILS.
8. GENERAL CONTRACTOR SHALL COORDINATE ROOFING, PLUMBING, AND MECHANICAL CONTRACTOR ON ALL WORK.
9. COUNTERFLASHINGS SHALL BE MIN. 24 GA. S.S. WHERE ROOF SLOPES AT WALL LINE. UNIFORMLY STEP FLASHINGS AS DIRECTED BY ARCHITECT AND LAP JOINTS 3" MINIMUM IN A WATERTIGHT CONDITION.
10. ALL WOOD MATERIALS INCLUDED IN THE ROOF OR PARAPET ASSEMBLY, INCLUDING, BUT NOT LIMITED TO, CURBS, BLOCKING, AND NAILERS SHALL BE FIRE-RESISTANT-TREATED AS SPECIFIED.
11. WOOD NAILER FASTENING: FASTENER PER FACTORY MUTUAL SYSTEM, LOSS PREVENTION DATA 1-48.
12. WOOD BLOCKING TO METAL DECK: ATTACH NAILER TO THE METAL DECK WITH TWO ROWS OF NO. 10 GALVANIZED STEEL METAL SCREWS AT 24" O.C. PROVIDE A GALVANIZED STEEL WASHER (3/8" O.D.) AT EACH SCREW. TOP NAILER PLATE SHALL BE FASTENED TO BOTTOM NAILER PLATE WITH NAILS LONG ENOUGH TO PENETRATE 1 1/4" INTO BOTTOM NAILER AND SPACED 24" STAGGERED IN TWO ROWS. SPACING SHALL NOT EXCEED 12" FOR A MINIMUM OF 8'-0" EACH WAY FROM AN OUTSIDE CORNER. WITHDRAWAL RESISTANCE SHALL BE 100 LBS. PER NAIL MINIMUM.
13. ALL CURBS FOR MECHANICAL EQUIPMENT, EXPANSION JOINTS, ETC.) SHALL PROVIDE A MINIMUM OF 8" FLASHING HEIGHT ABOVE FINISH ROOF LEVEL AT ALL CONDITIONS, INCLUDING ABOVE CRICKETS.
14. ALL WORK SHALL BE COMPLETED SO AS TO PRODUCE A 100 PERCENT WATERTIGHT CONDITION FOR THE LIFE OF THE ROOF WARRANTY.
15. ALL WORK ON EXISTING ROOF SHALL BE DONE AS REQ'D. TO MAINTAIN THE EXISTING FOUR WARRANTY.

TYPICAL ROOF NOTES



- 1 NEW IDF SUPPORTS IN EXISTING ROOF. RE: 11A7.03 & 12A7.03.
RE: MEP FOR QUANTITIES, LOCATIONS & SCOPE OF WORK

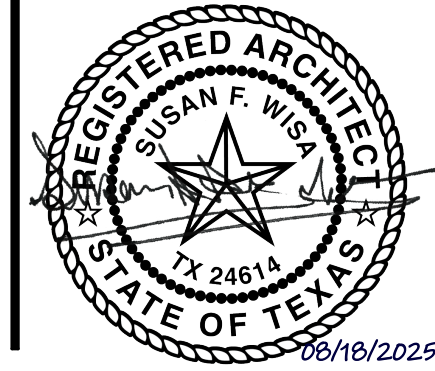
ROOF KEY NOTES

Revision /

Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

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MASTER ROOF PLAN

Job No.

01818-07-01

Sheet No.

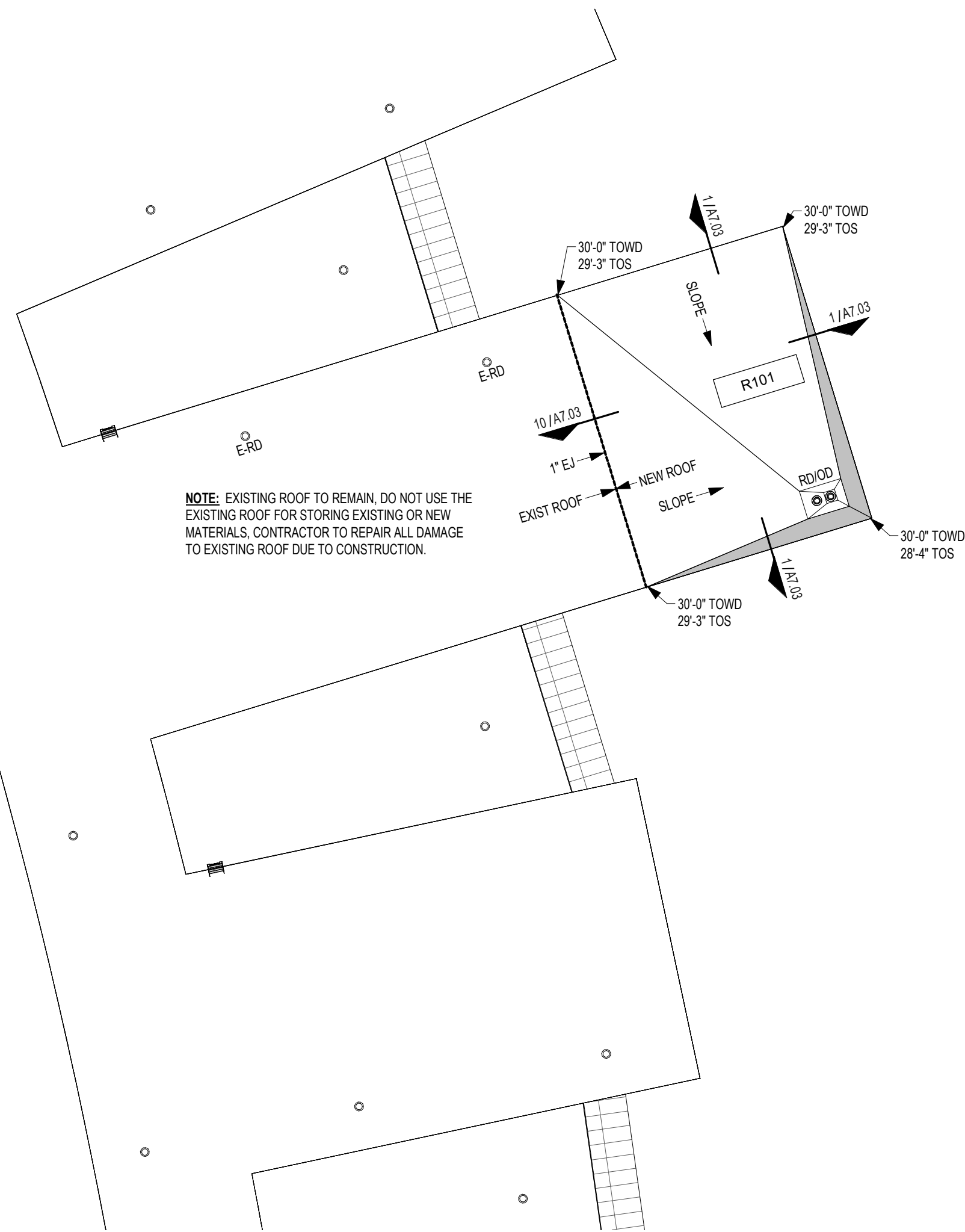
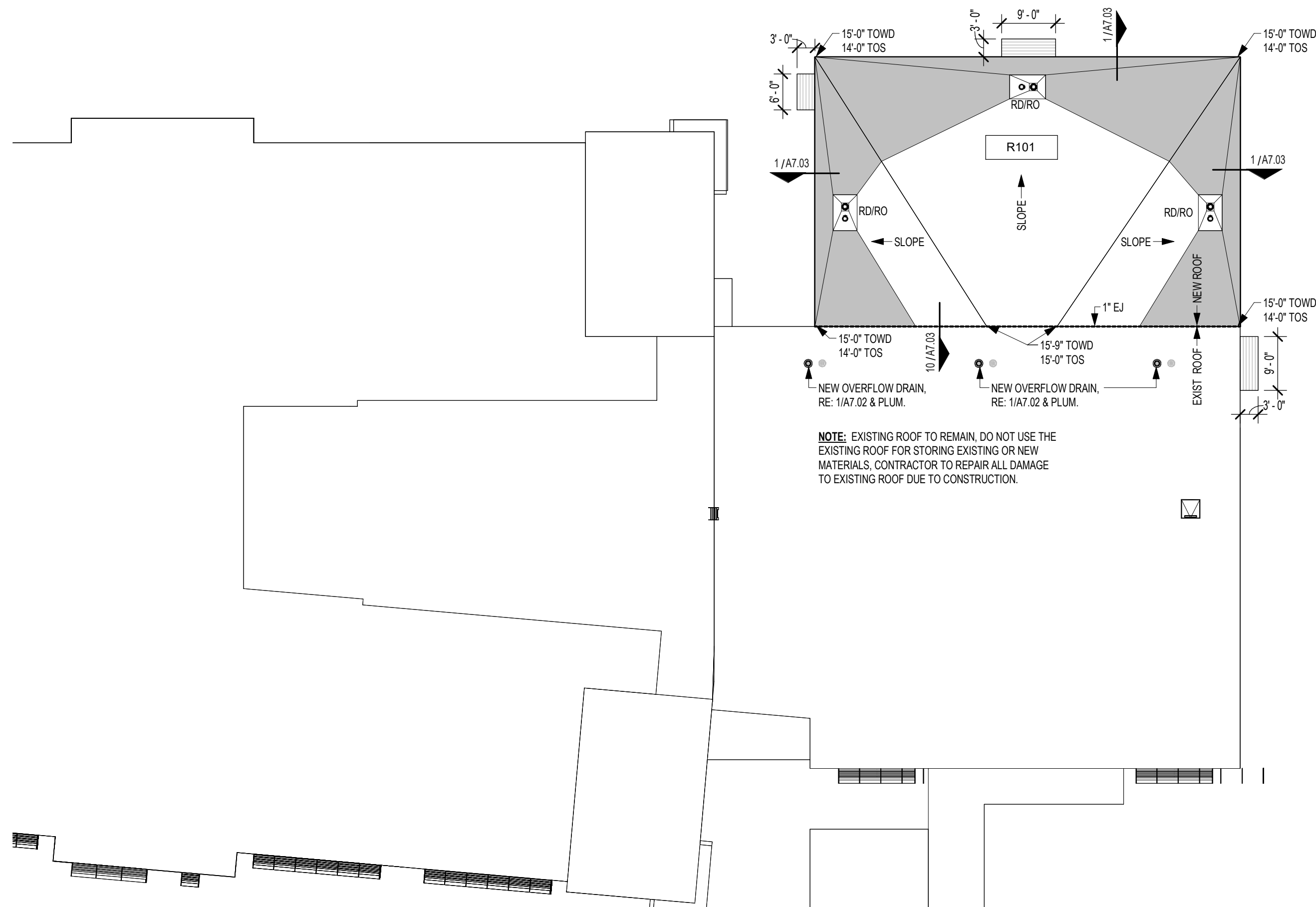
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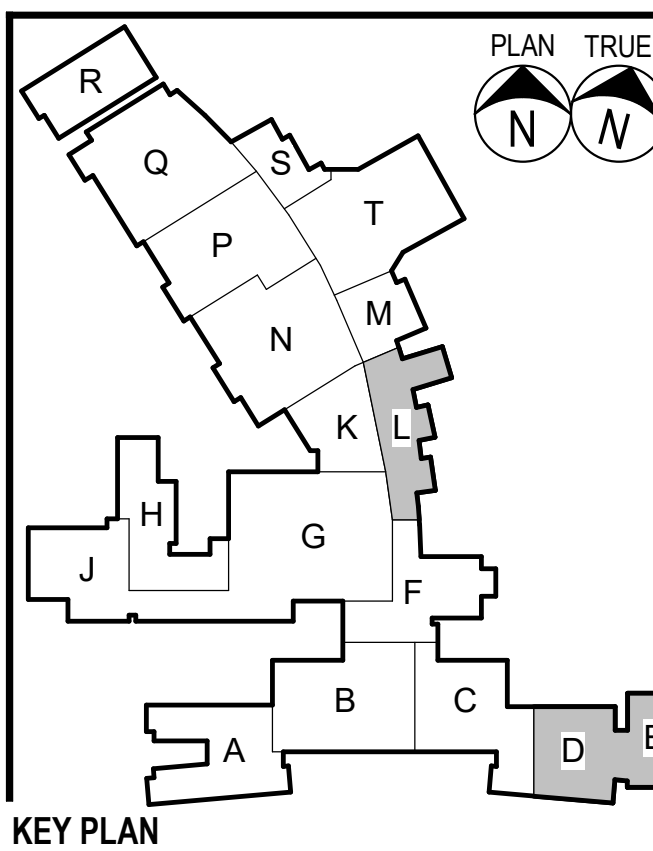
Date:

06/18/2025

A7.01

2 ROOF PLAN - AREA L
1/16" = 1'-0"**1** ROOF PLAN - AREA E
1/16" = 1'-0"

1. PROVIDE AND INSTALL **BUILT-UP** ROOFING SYSTEM, W/ RIGID INSULATION AS SPECIFIED. REFER TO SPECIFICATIONS FOR ATTACHMENT REQUIREMENTS FOR ROOF INSULATION BOARD. REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR DESCRIPTION OF UNDERLYING STEEL DECK.
2. PROVIDE TAPERED INSULATION AS SHOWN ON THE DRAWINGS. TAPERED INSULATION SHALL BE INSTALLED TO PROVIDE 1/2" PER FOOT MIN SLOPE IN ANY ROOF PLANE & 1/4" PER FOOT MIN SLOPE DOWN VALLEYS TOWARD ROOF DRAINS.
3. EXPANSION JOINT COVERS SHALL BE AS SHOWN ON TYPICAL ROOF DETAILS. EXPANSION JOINT COVERS SHALL BE INSTALLED WHERE INDICATED ON PLANS AND IN FULL ACCORDANCE W/ CONVENTIONAL ROOFING AND SHEET METAL PRACTICES. ALL EXPANSION JOINT COVERS AND END CLOSURES SHALL BE 24 GA. S.S. REFER TO EXPANSION JOINT DETAILS AND ROOFING PLAN FOR LOCATION.
4. REF. TO PLUMBING DRAWINGS FOR ROOF DRAIN SIZING & LEADER INFORMATION. INSULATE ROOF DRAIN PIPING AND ROOF DRAIN BODY. EXTEND DOWNSPOUTS THROUGH CHASES INTO UNDERGROUND COLLECTION SYSTEM. REFER TO MECH. AND CIVIL DRAWINGS FOR EXTENSION. TURN OVERFLOW DOWNSPOUTS INSIDE CHASE & OUT ON TO CONCRETE WALK. IF ROOF DRAINS CONFLICT WITH STRUCTURAL, MOVE AS DIRECTED, BUT MAKE ALL WALL PENETRATIONS AS SHOWN. REFER TO PLUMBING SHITS. FOR UNDERGROUND PIPING.
5. ROOFING CONTRACTOR SHALL PROVIDE & INSTALL ALL FLASHINGS, COUNTERFLASHINGS, EXPANSION JOINT COVERS, & GUTTERS. ROOFING CONTRACTOR SHALL INSTALL ROOF DRAINS AND FLASHINGS & COUNTER FLASHING CALLED FOR ON ALL MECHANICAL EQUIPMENT. ALL ROOF FLASHINGS AND COUNTERFLASHINGS SHALL BE MIN. 24 GA. SS.
6. SEE MECHANICAL AND ELECTRICAL SHEETS FOR VENTS, GAS LINES, A/C UNITS, EXHAUST FANS, ETC.
7. REFER TO STRUCTURAL DRAWINGS FOR ROOF MOUNTING FRAME SUPPORT DETAILS.
8. GENERAL CONTRACTOR SHALL COORDINATE ROOFING, PLUMBING, AND MECHANICAL CONTRACTOR ON ALL WORK.
9. COUNTERFLASHINGS SHALL BE MIN. 24 GA. S.S. WHERE ROOF SLOPES AT WALL LINE. UNIFORMLY STEP FLASHINGS AS DIRECTED BY ARCHITECT AND LAP JOINTS 3" MINIMUM IN A WATERTIGHT CONDITION.
10. ALL WOOD MATERIALS INCLUDED IN THE ROOF OR PARAPET ASSEMBLY, INCLUDING, BUT NOT LIMITED TO, CURBS, BLOCKING, AND NAILERS SHALL BE FIRE-RESISTANT-TREATED AS SPECIFIED.
11. WOOD NAILER FASTENING: FASTENER PER FACTORY MUTUAL SYSTEM, LOSS PREVENTION DATA 1-48.
12. WOOD BLOCKING TO METAL DECK: ATTACH NAILER TO THE METAL DECK WITH TWO ROWS OF NO. 10 GALVANIZED STEEL METAL SCREWS AT 24" O.C. PROVIDE A GALVANIZED STEEL WASHER (3/8" O.D.) AT EACH SCREW. TOP NAILER PLATE SHALL BE FASTENED TO BOTTOM NAILER PLATE WITH NAILS LONG ENOUGH TO PENETRATE 1 1/4" INTO BOTTOM NAILER AND SPACED 24" STAGGERED IN TWO ROWS. SPACING SHALL NOT EXCEED 12" FOR A MINIMUM OF 8'-0" EACH WAY FROM AN OUTSIDE CORNER. WITHDRAWAL RESISTANCE SHALL BE 100 LBS. PER NAIL MINIMUM.
13. ALL CURBS (FOR MECHANICAL EQUIPMENT, EXPANSION JOINTS, ETC.) SHALL PROVIDE A MINIMUM OF 8" FLASHING HEIGHT ABOVE FINISH ROOF LEVEL AT ALL CONDITIONS, INCLUDING ABOVE CRICKETS.
14. ALL WORK SHALL BE COMPLETED SO AS TO PRODUCE A 100 PERCENT WATERTIGHT CONDITION FOR THE LIFE OF THE ROOF WARRANTY.
15. ALL WORK ON EXISTING ROOF SHALL BE DONE AS REQ'D. TO MAINTAIN THE EXISTING FOUR WARRANTY.

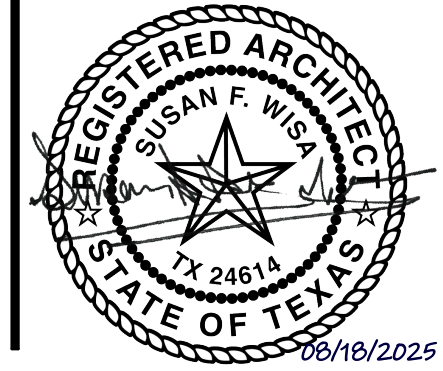
TYPICAL ROOF NOTES

ROOF TYPE TAGS	LETTER INDICATES TYPE
R100	NUMBER INDICATES CONSTRUCTION TYPE:
ROOF ASSEMBLY	R100 - MOD. BIT., 2" LIGHT WEIGHT INSULATING CONC., 8" MIN EPS RIGID INSULATION SD., 1" MTL. DECK
	TAPERED INSULATION AS REQ'D.

ROOF TYPE LEGENDDate
Revision /

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FOR
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AREA E & L ROOF PLAN

Job No.

01818-07-01

Sheet No.

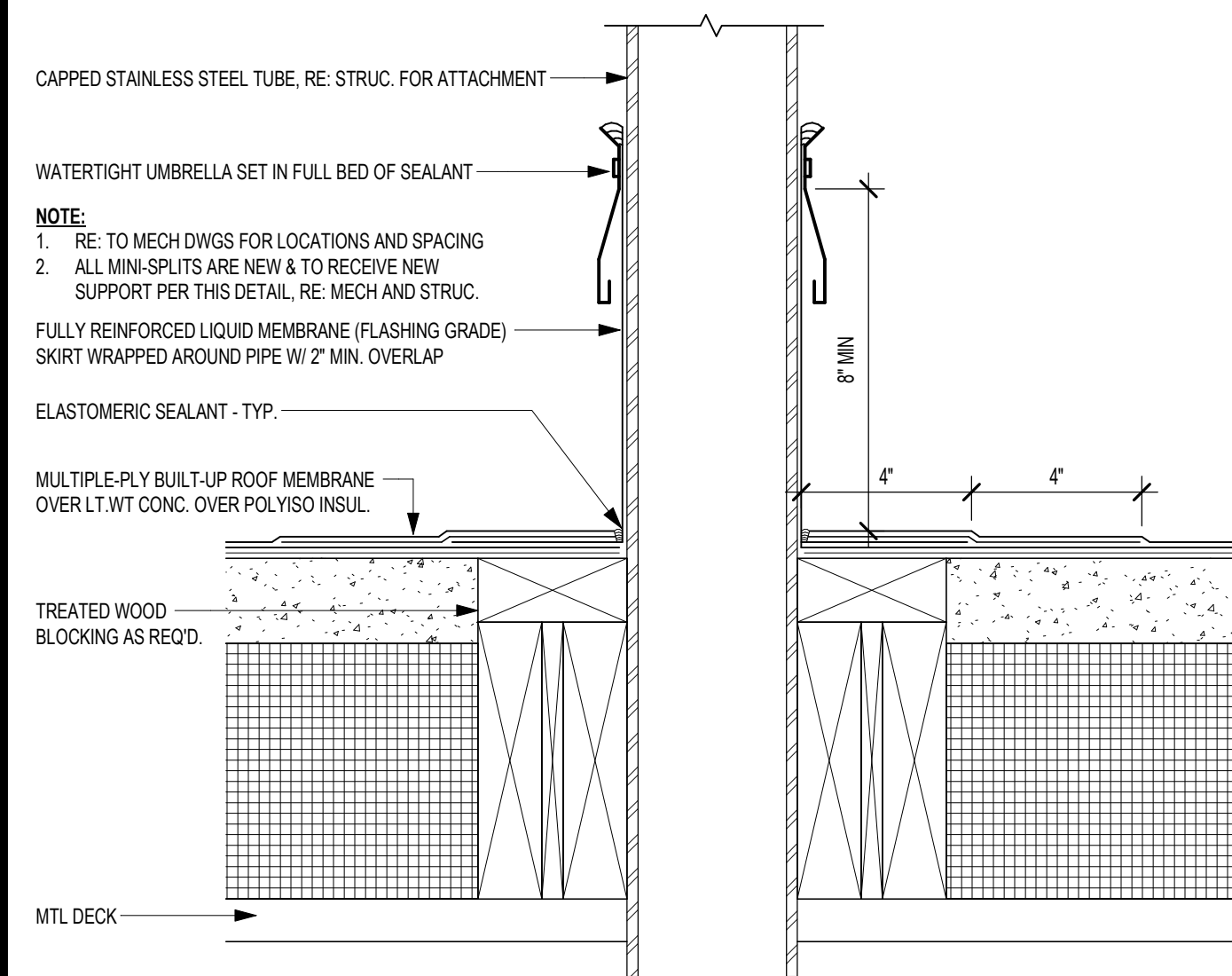
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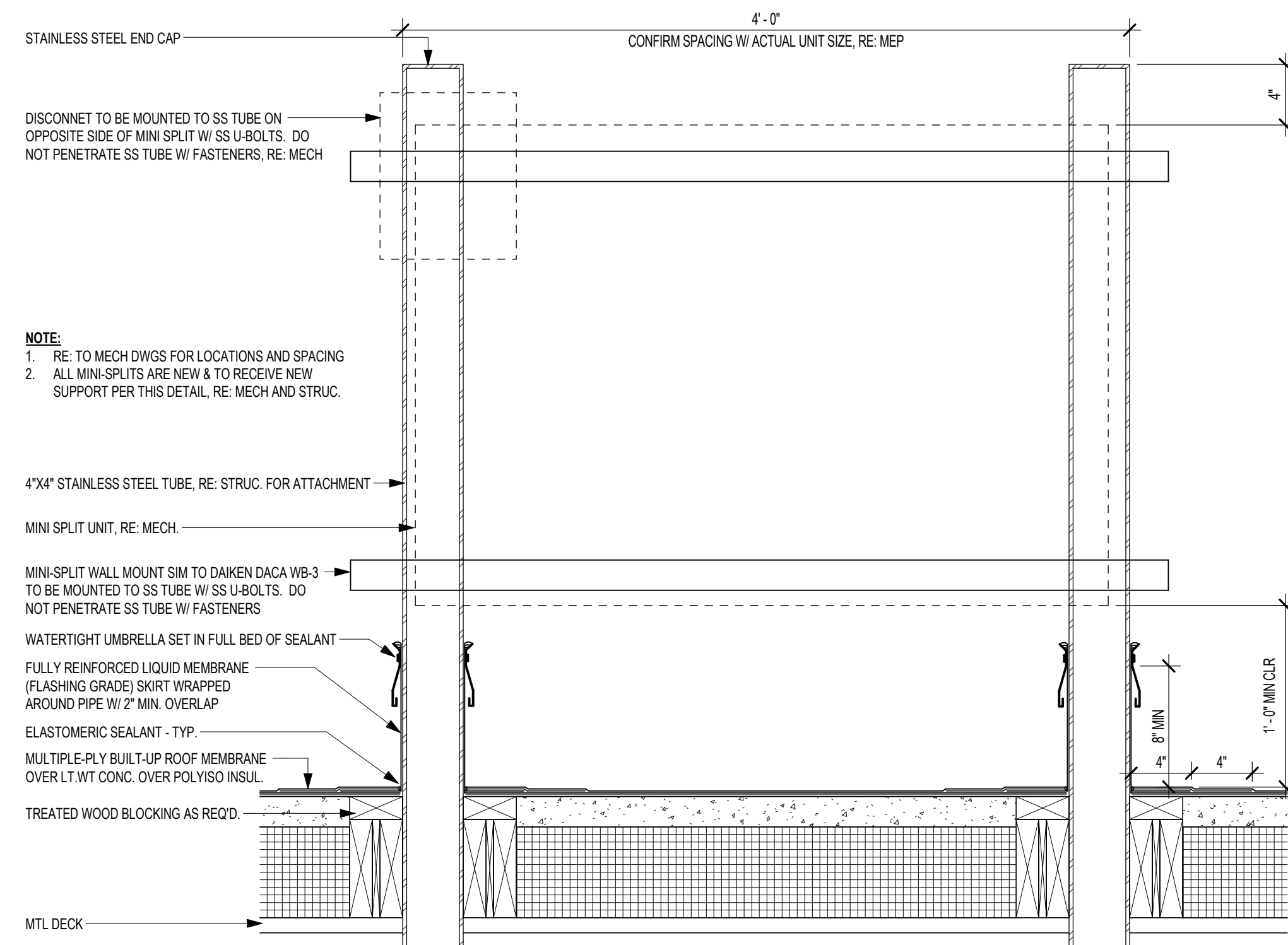
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06/18/2025

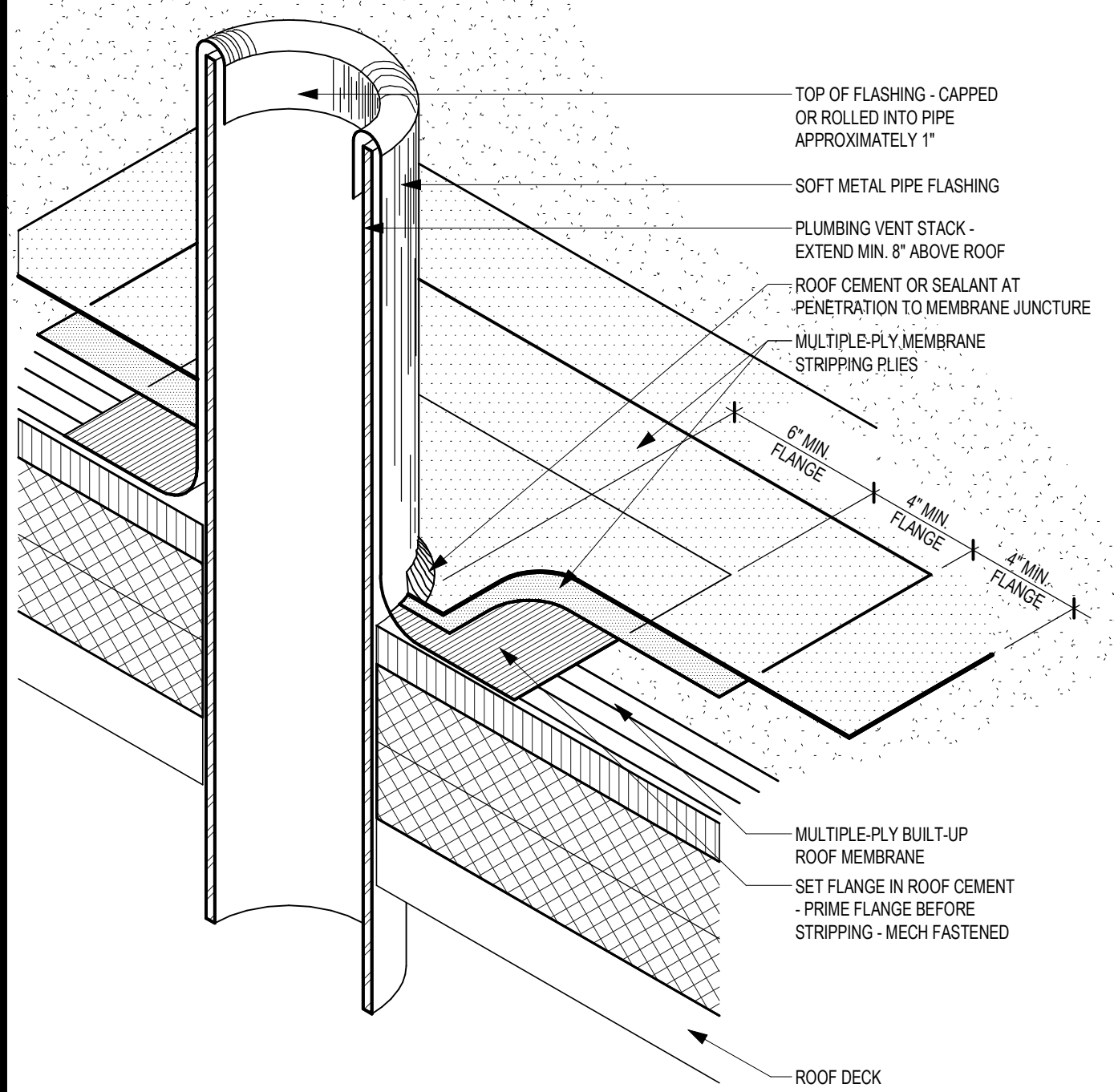
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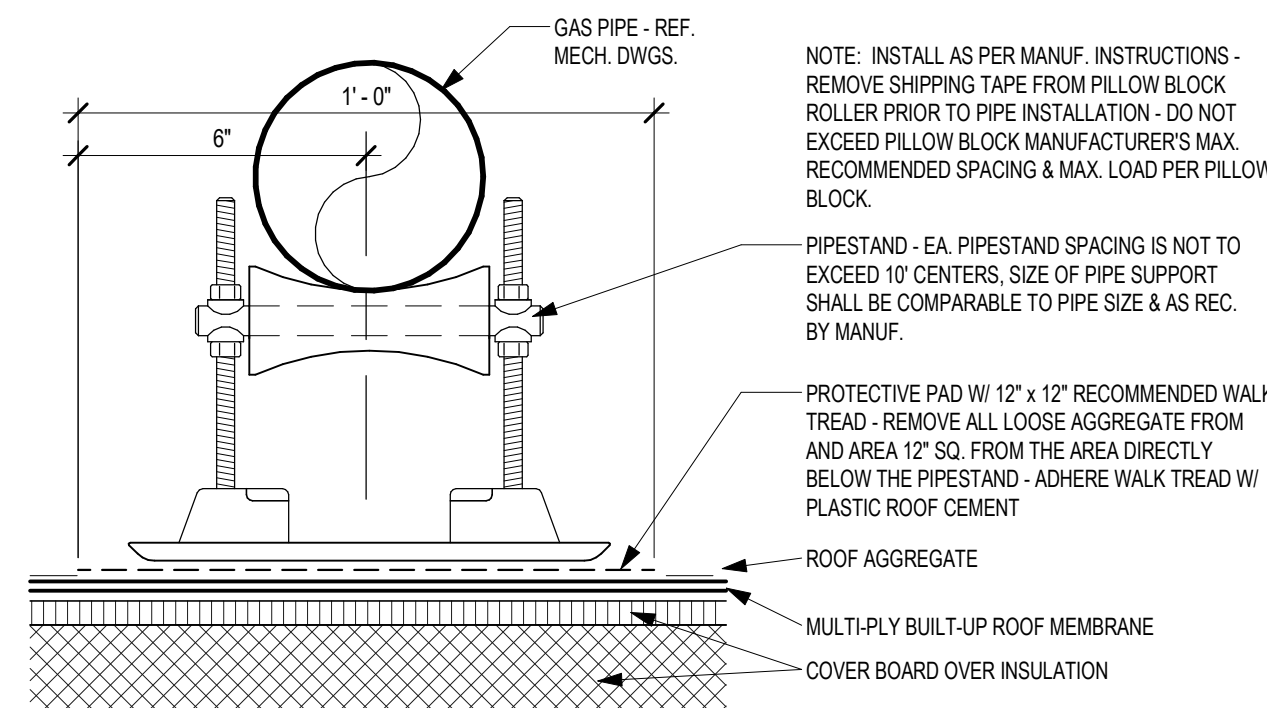
12 A7-ROOF MINI-SPLIT THRU ROOF - ENLARGED
3" = 1'-0"



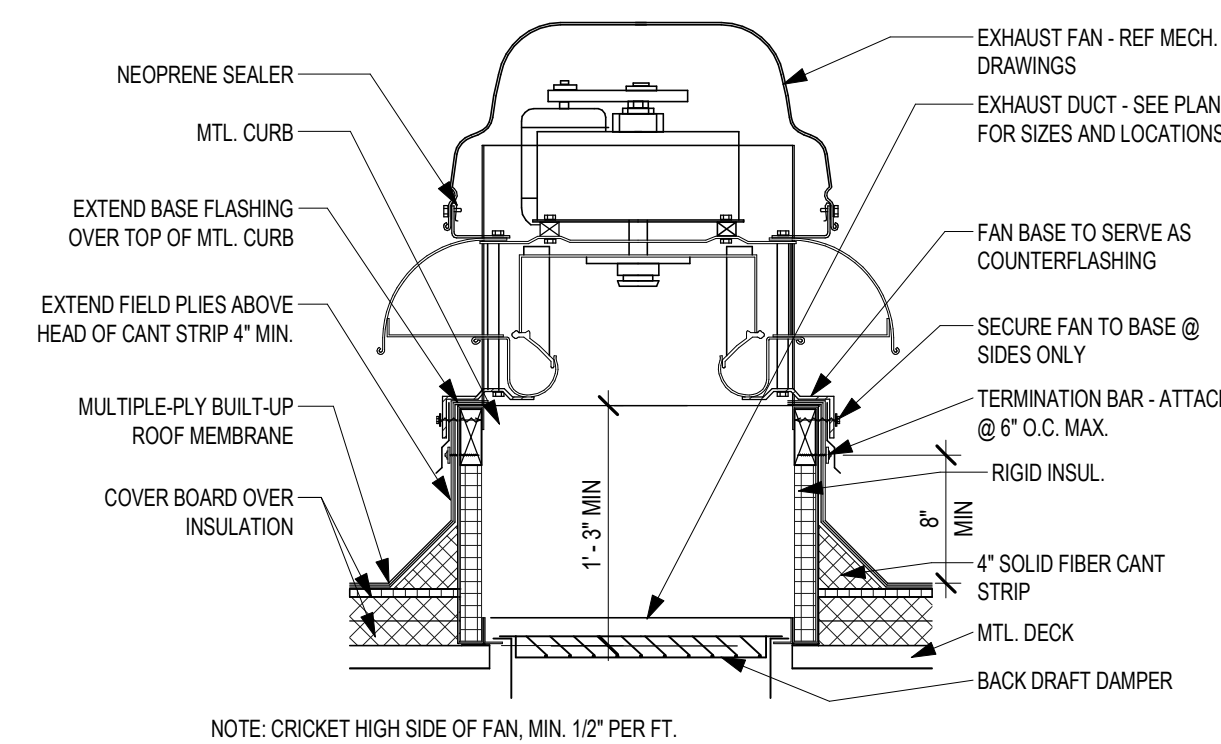
11 A7-ROOF MINI-SPLIT THRU ROOF
1 1/2" = 1'-0"



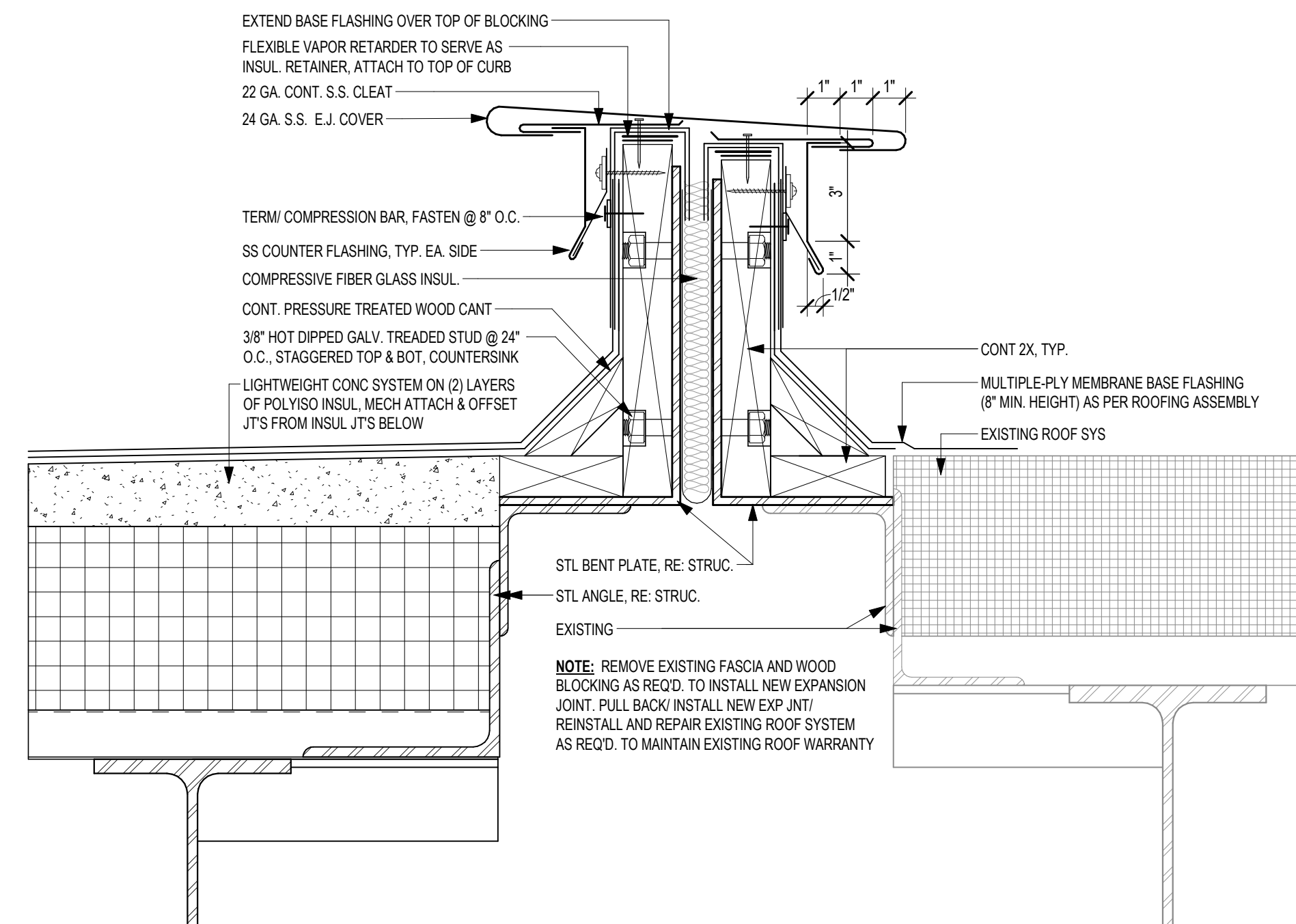
9 A7 PLUMBING VENT
3" = 1'-0"



8 A7_TYP GAS PIPE SUPPORT
3" = 1'-0"



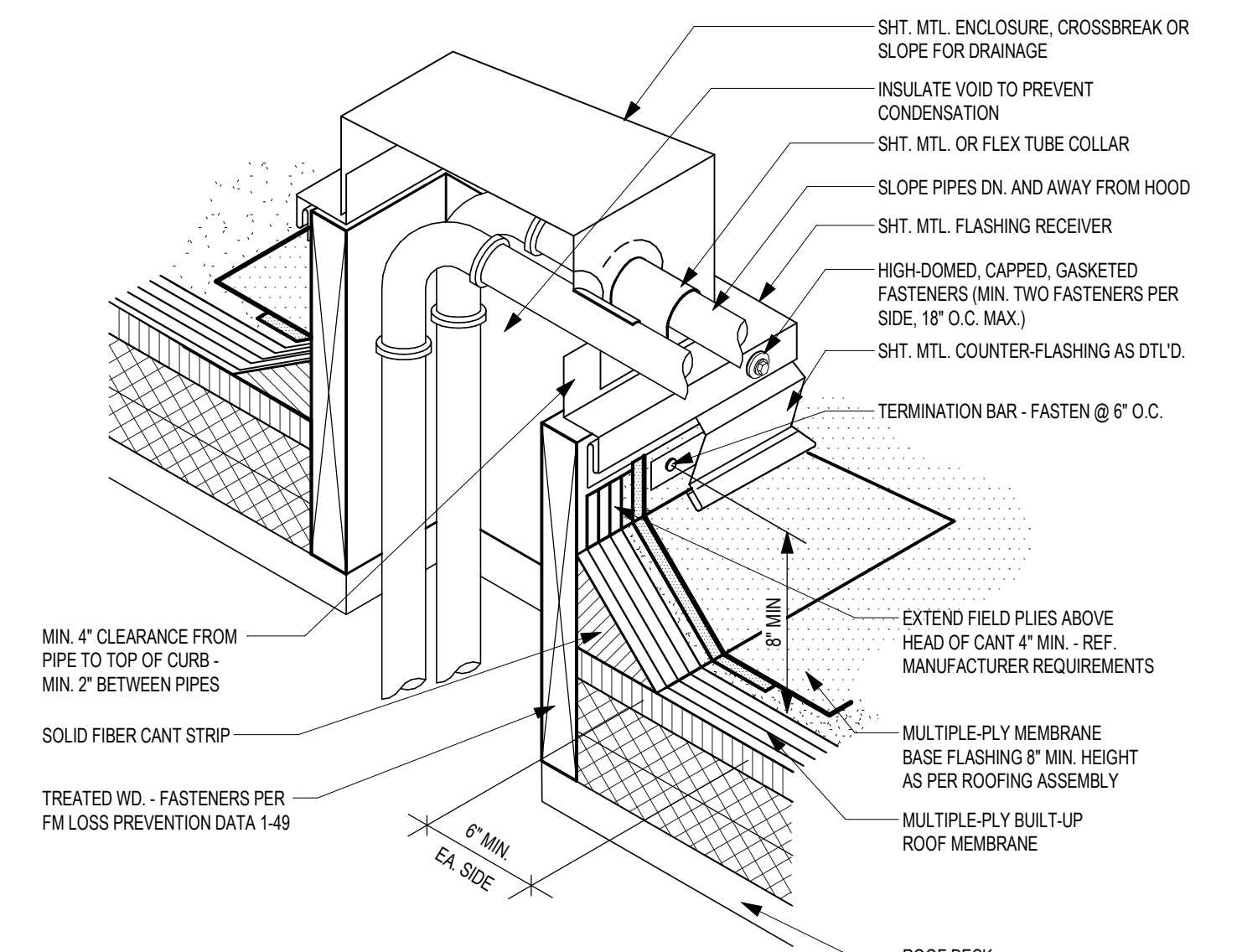
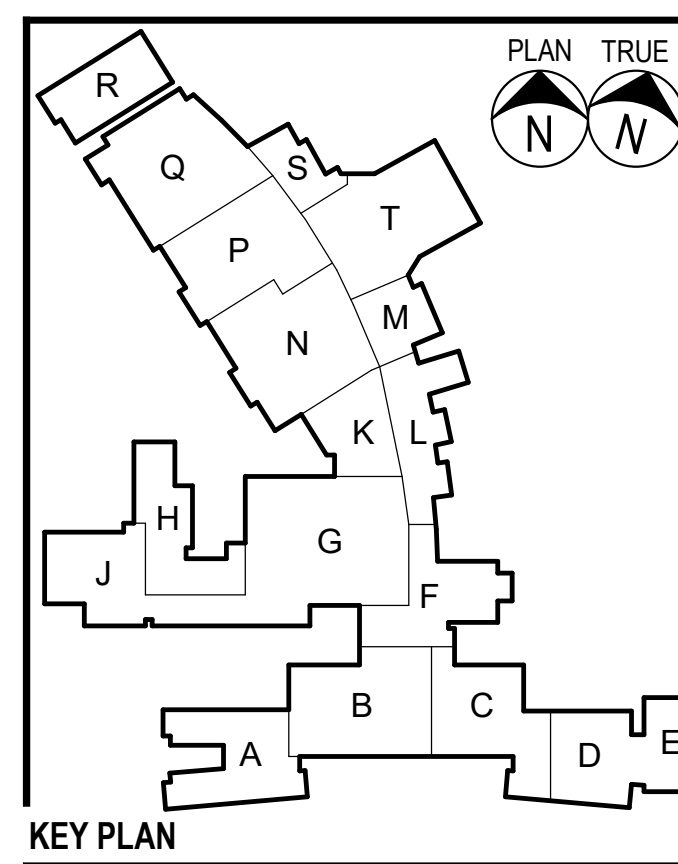
7 A7_TYP EXHAUST FAN INSTALLATION
1" = 1'-0"



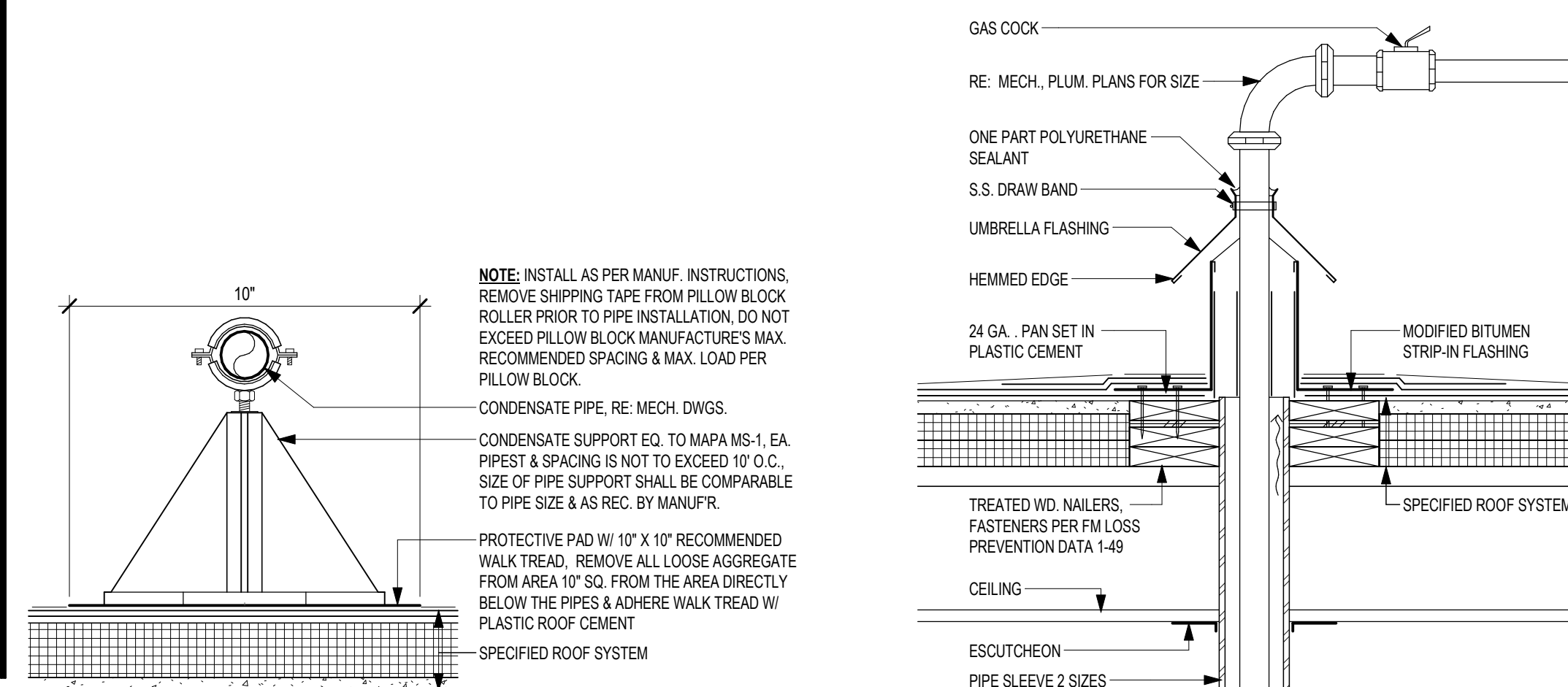
10 A7_TYP ROOF E.J. DETAIL W/ MTL COVER
3" = 1'-0"

1. PROVIDE AND INSTALL **BUILT-UP ROOFING SYSTEM** W/ RIGID INSULATION AS SPECIFIED. REFER TO SPECIFICATIONS FOR ATTACHMENT REQUIREMENTS FOR ROOF INSULATION BOARD. REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR DESCRIPTION OF UNDERLYING STEEL DECK.
2. PROVIDE **TAPERED INSULATION** AS SHOWN ON THE DRAWINGS. TAPERED INSULATION SHALL BE INSTALLED TO PROVIDE 1/2" PER FOOT MIN SLOPE IN ANY ROOF PLANE & 1/4" PER FOOT MIN SLOPE DOWN VALLEYS TOWARD ROOF DRAINS.
3. **EXPANSION JOINT COVERS** SHALL BE AS SHOWN ON TYPICAL ROOF DETAILS. EXPANSION JOINT COVERS SHALL BE INSTALLED WHERE INDICATED ON PLANS AND IN FULL ACCORDANCE W/ CONVENTIONAL ROOFING AND SHEET METAL PRACTICES. ALL EXPANSION JOINT COVERS AND END CLOSURES SHALL BE 24 GA. S.S. REFER TO EXPANSION JOINT DETAILS AND ROOFING PLAN FOR LOCATION.
4. REF. TO PLUMBING DRAWINGS FOR ROOF DRAIN SIZING & LEADER INFORMATION. INSULATE ROOF DRAIN PIPING AND ROOF DRAIN BODY. EXTEND DOWNSPOUTS THROUGH CHASES INTO UNDERGROUND COLLECTION SYSTEM. REFER TO MECH. AND CIVIL DRAWINGS FOR EXTENSION. TURN OVERFLOW DOWNSPOUTS INSIDE CHASE & OUT ON TO CONCRETE WALK. IF ROOF DRAINS CONFLICT WITH STRUCTURAL, MOVE AS DIRECTED, BUT MAKE ALL WALL PENETRATIONS AS SHOWN. REFER TO PLUMBING SHITS. FOR UNDERGROUND PIPING.
5. ROOFING CONTRACTOR SHALL PROVIDE & INSTALL ALL FLASHINGS, COUNTERFLASHINGS, EXPANSION JOINT COVERS, & GUTTERS. ROOFING CONTRACTOR SHALL INSTALL ROOF DRAINS AND FLASHINGS & COUNTERFLASHING CALLED FOR ON ALL MECHANICAL EQUIPMENT. ALL ROOF FLASHINGS AND COUNTERFLASHINGS SHALL BE MIN. 24 GA. SS.
6. SEE MECHANICAL AND ELECTRICAL SHEETS FOR VENTS, GAS LINES, A/C UNITS, EXHAUST FANS, ETC.
7. REFER TO STRUCTURAL DRAWINGS FOR ROOF MOUNTING FRAME SUPPORT DETAILS.
8. GENERAL CONTRACTOR SHALL COORDINATE ROOFING, PLUMBING, AND MECHANICAL CONTRACTOR ON ALL WORK.
9. COUNTERFLASHINGS SHALL BE MIN. 24 GA. S.S. WHERE ROOF SLOPES AT WALL LINE. UNIFORMLY STEP FLASHINGS AS DIRECTED BY ARCHITECT AND LAP JOINTS 3" MINIMUM IN A WATER-TIGHT CONDITION.
10. ALL WOOD MATERIALS INCLUDED IN THE ROOF OR PARAPET ASSEMBLY, INCLUDING, BUT NOT LIMITED TO, CURBS, BLOCKING, AND NAILERS SHALL BE FIRE-RESISTANT-TREATED AS SPECIFIED.
11. WOOD NAILER FASTENING: FASTENER PER FACTORY MUTUAL SYSTEM, LOSS PREVENTION DATA 1-48.
12. WOOD BLOCKING TO METAL DECK ATTACH NAILER TO THE METAL DECK WITH TWO ROWS OF NO. 10 GALVANIZED STEEL METAL SCREWS AT 24" O.C. PROVIDE A GALVANIZED STEEL WASHER (3/8" O.D.) AT EACH SCREW. TOP NAILER PLATE SHALL BE FASTENED TO BOTTOM NAILER PLATE WITH NAILS LONG ENOUGH TO PENETRATE 1 1/4" INTO BOTTOM NAILER AND SPACED 24" STAGGERED IN TWO ROWS. SPACING SHALL NOT EXCEED 12" FOR A MINIMUM OF 8'-0" EACH WAY FROM AN OUTSIDE CORNER. WITHDRAWAL RESISTANCE SHALL BE 100 LBS. PER NAIL MINIMUM.
13. ALL CURBS FOR MECHANICAL EQUIPMENT, EXPANSION JOINTS, ETC.) SHALL PROVIDE A MINIMUM OF 8" FLASHING HEIGHT ABOVE FINISH ROOF LEVEL AT ALL CONDITIONS, INCLUDING ABOVE CRICKETS.
14. ALL WORK SHALL BE COMPLETED SO AS TO PRODUCE A 100 PERCENT WATER-TIGHT CONDITION FOR THE LIFE OF THE ROOF WARRANTY.
15. ALL WORK ON EXISTING ROOF SHALL BE DONE AS RECD. TO MAINTAIN THE EXISTING FOUR WARRANTY.

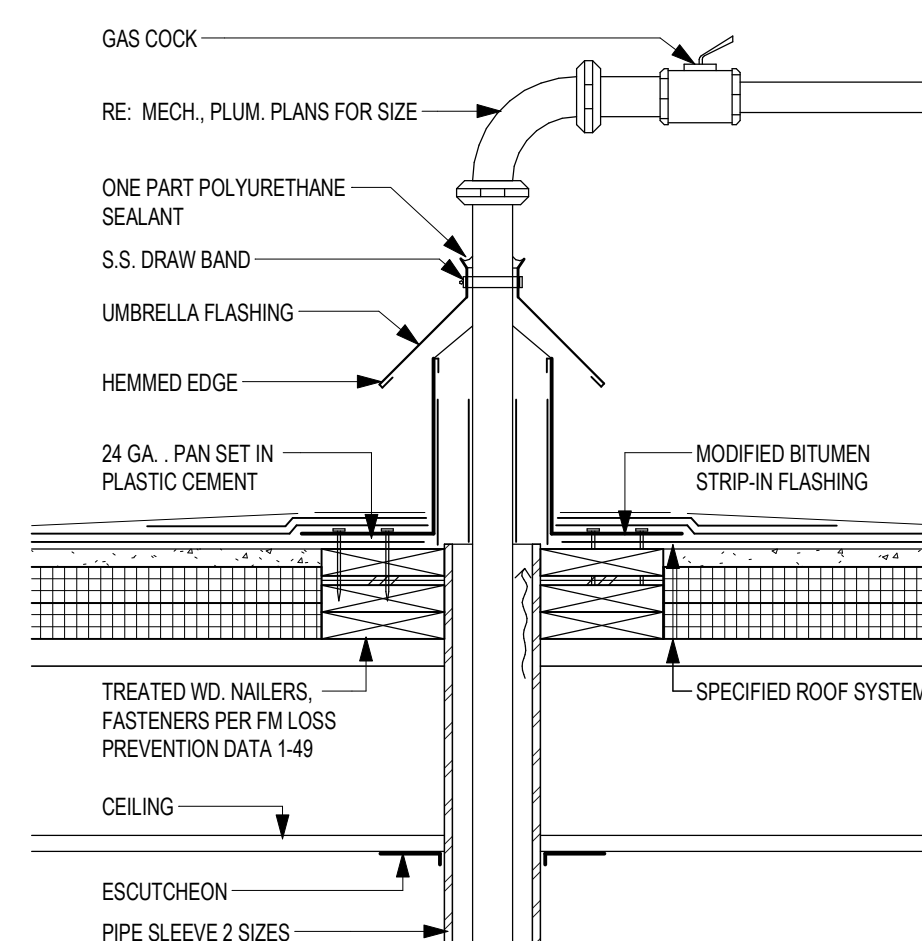
TYPICAL ROOF NOTES



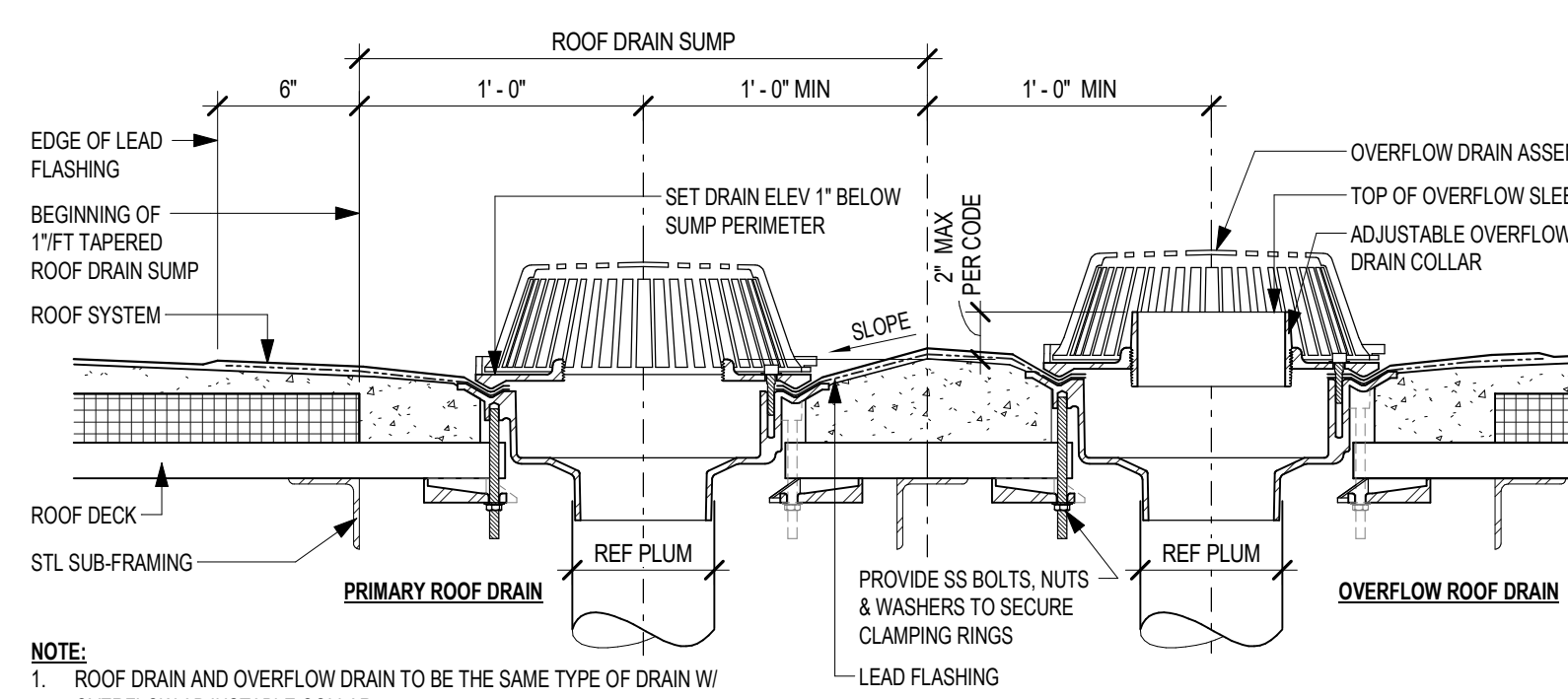
6 A7 ROOF PENETRATION
3" = 1'-0"



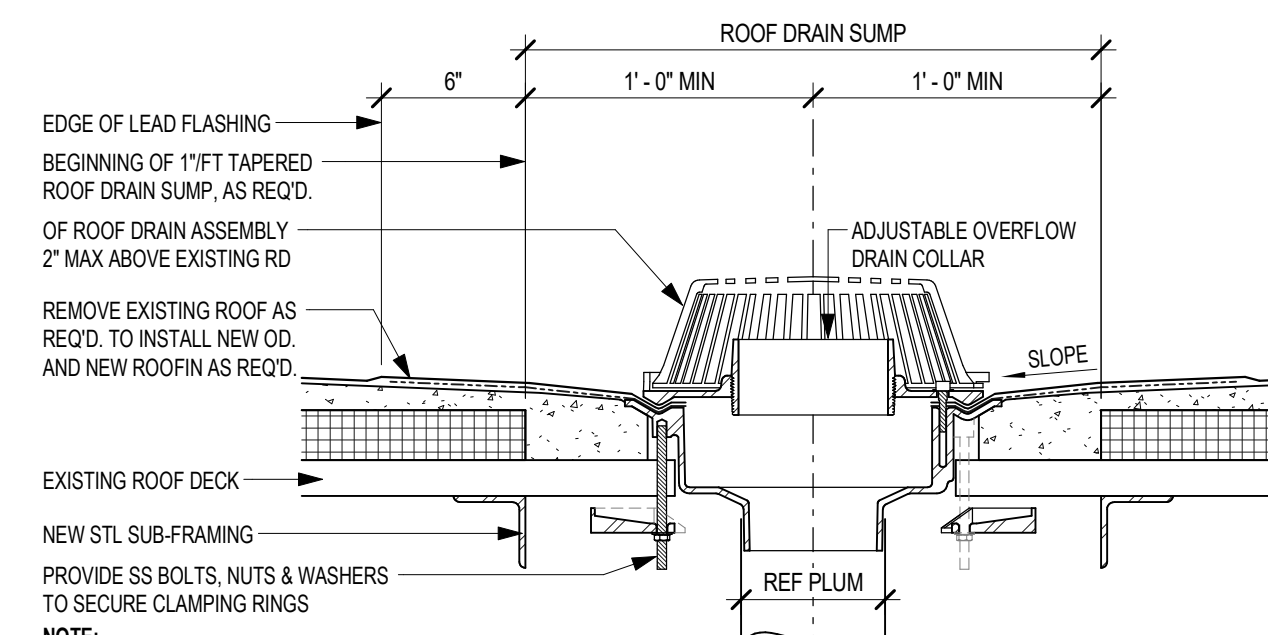
5 A7_TYP CONDENSATE SUPPORT
3" = 1'-0"



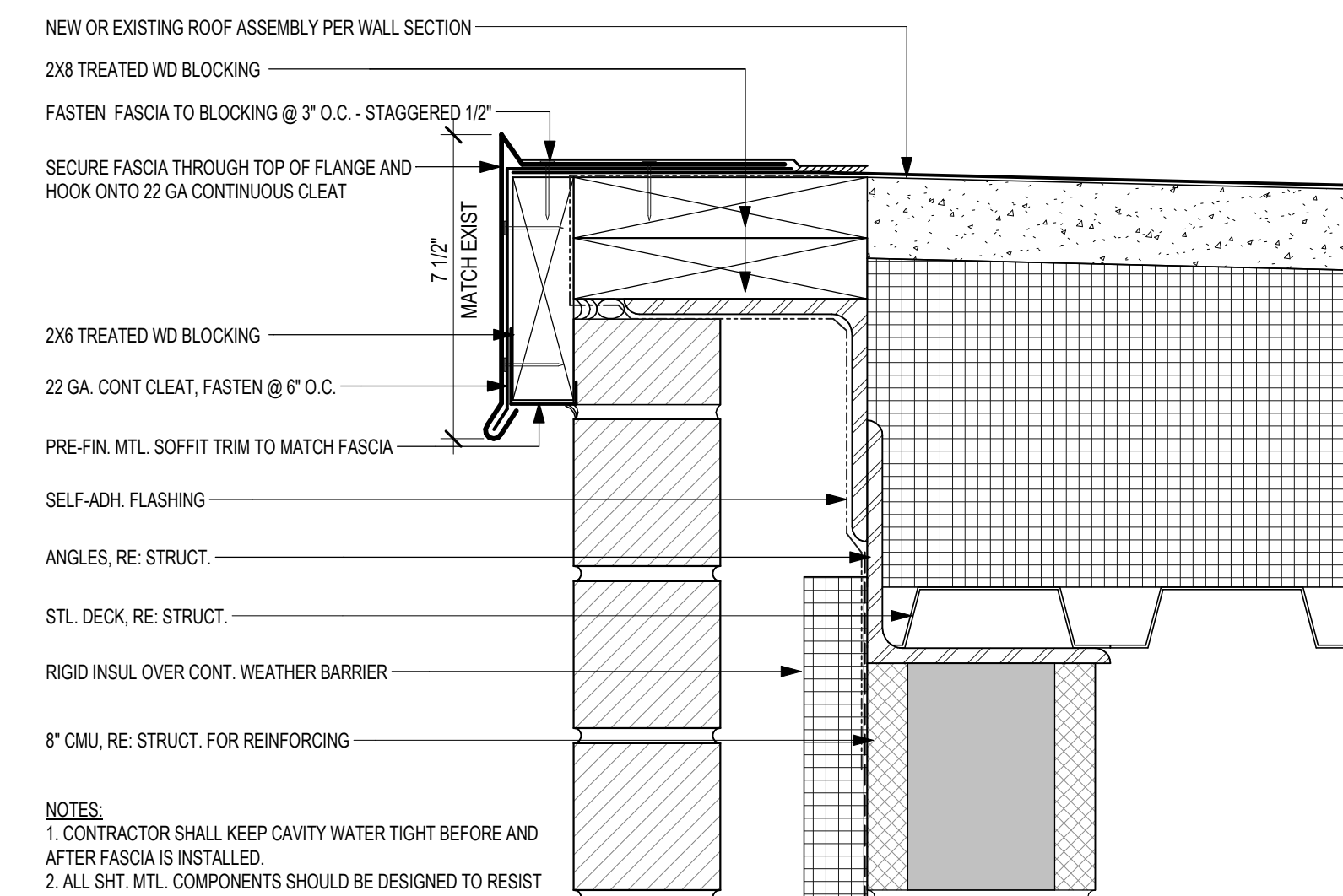
4 A7_TYP VENTED GAS PIPE SLEEVE THRU ROOF
3" = 1'-0"



3 A7 ROOF DRAIN & OVERFLOW DRAIN
1 1/2" = 1'-0"



2 A7 NEW OVERFLOW ROOF DRAIN @ EXISTING ROOF
1 1/2" = 1'-0"



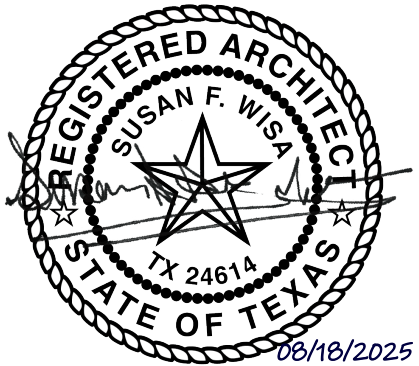
1 A7_TYP ROOF EDGE - CMU W/ BRICK
3" = 1'-0"

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FOR
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10707 MASON RD, CYPRESS, TX 77433

Project:

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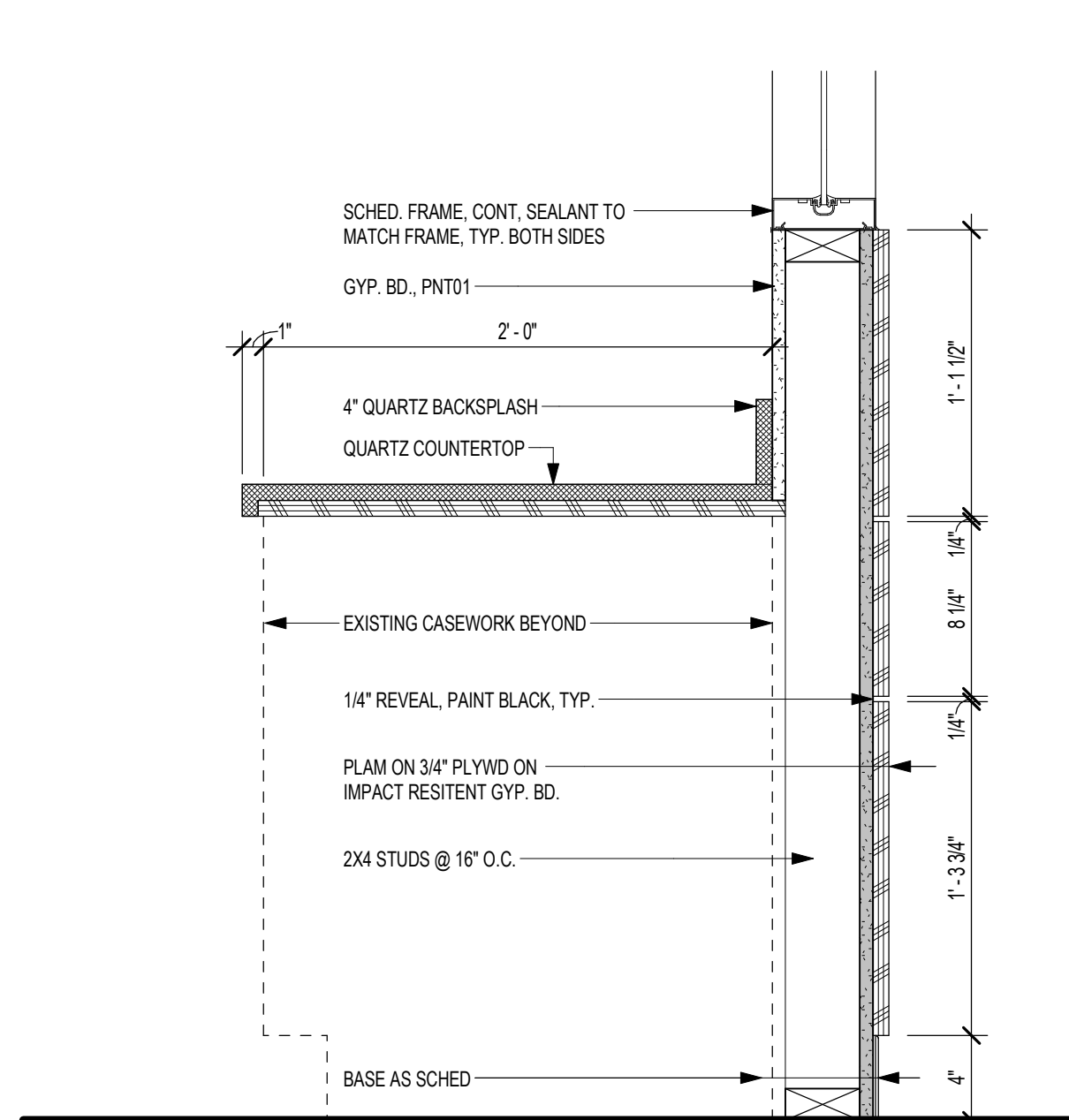
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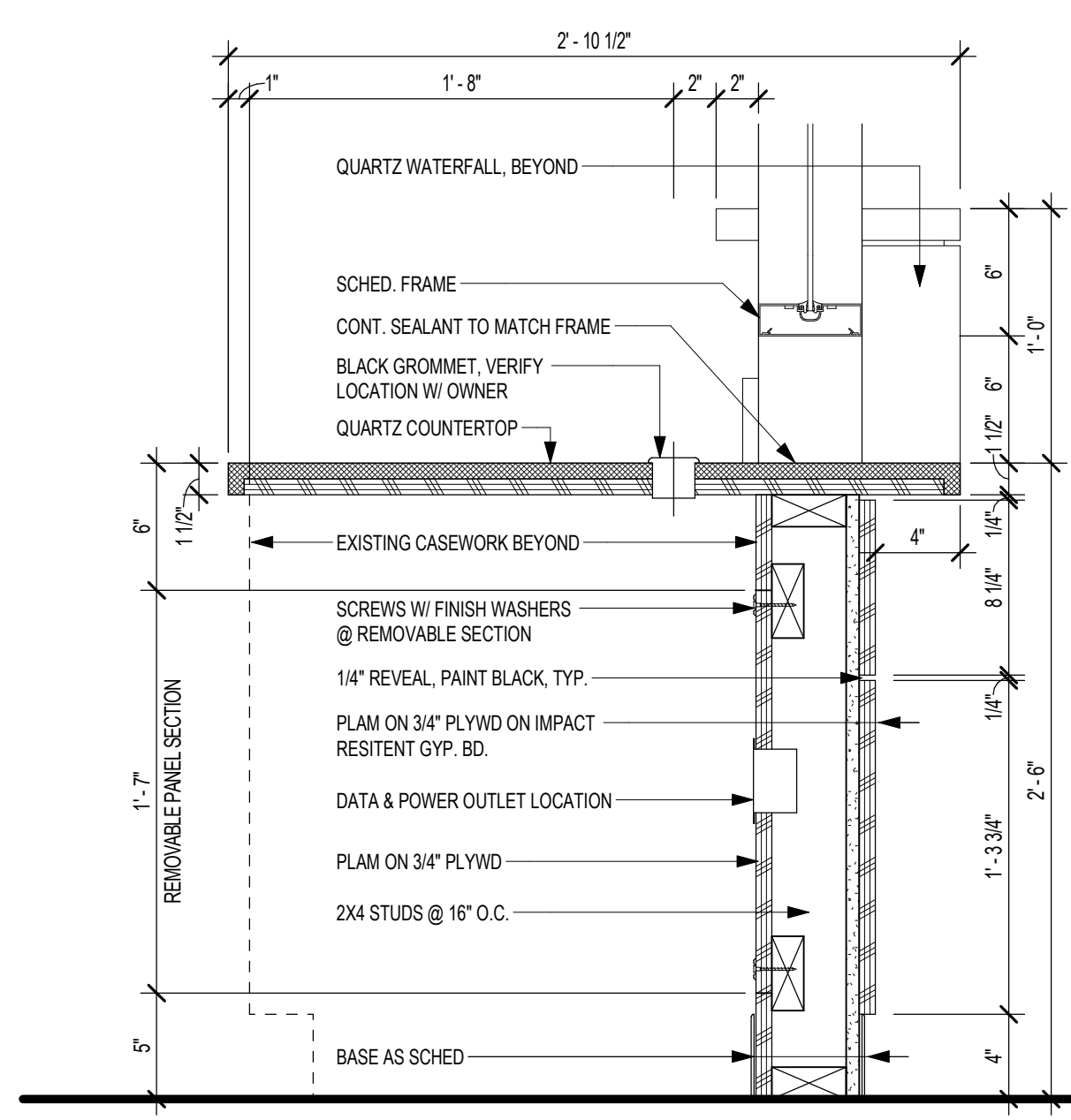
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TYPICAL ROOFING DETAILS

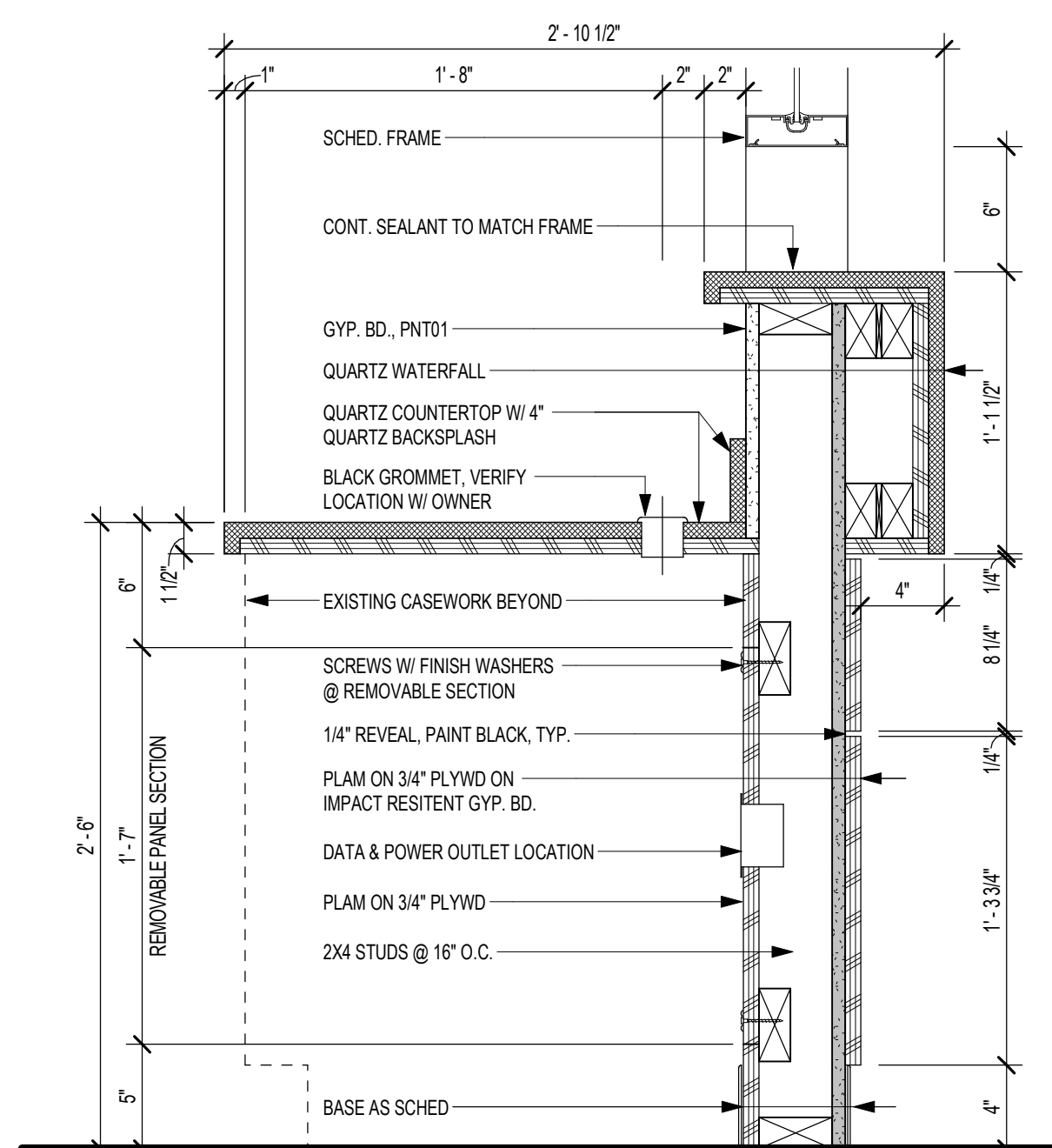
Job No.
01818-07-01
Sheet No.
A7.03
Date:
06/18/2025



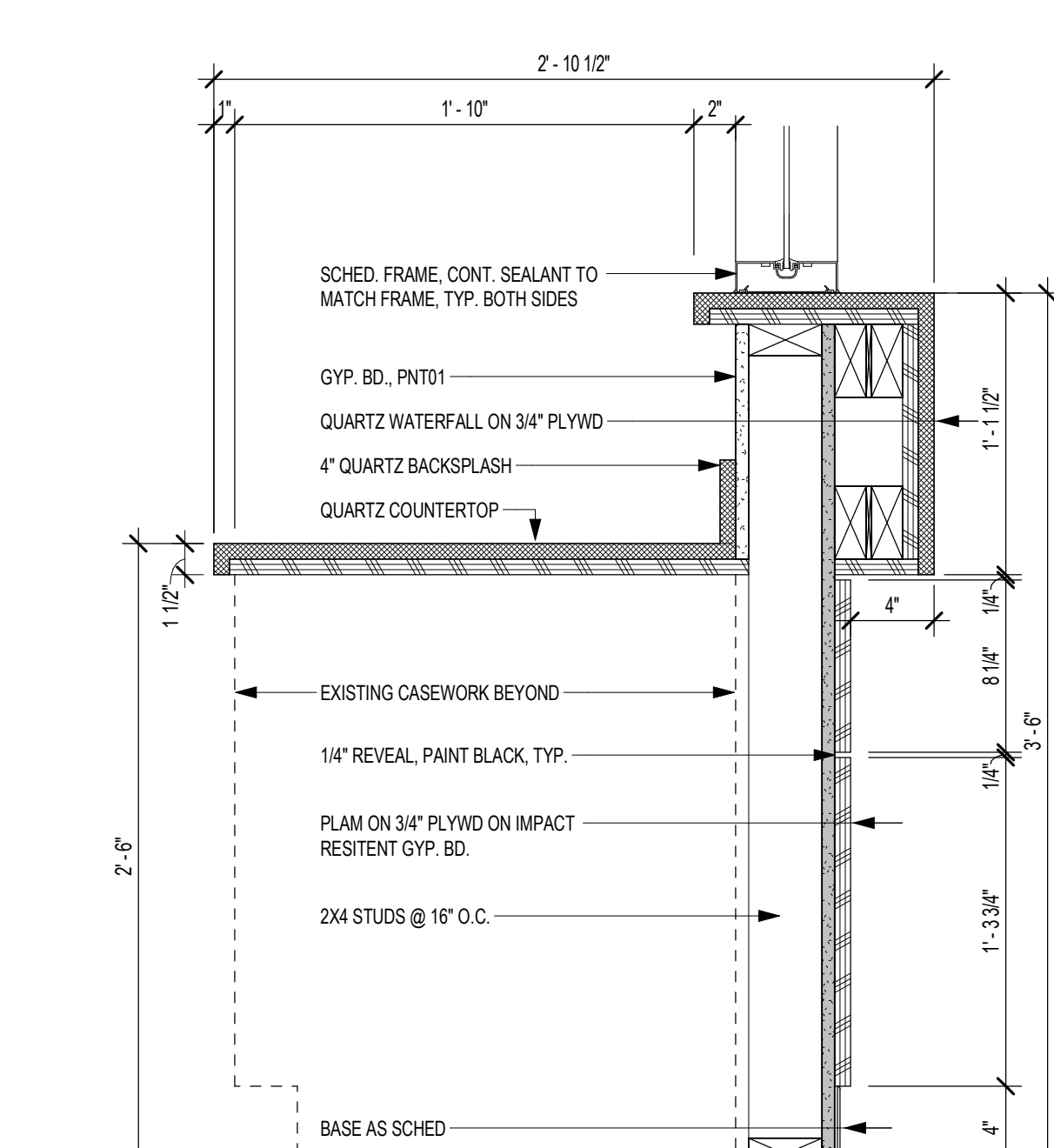
11 A8 MW RECEPTION - LOW
1 1/2" = 1'-0"



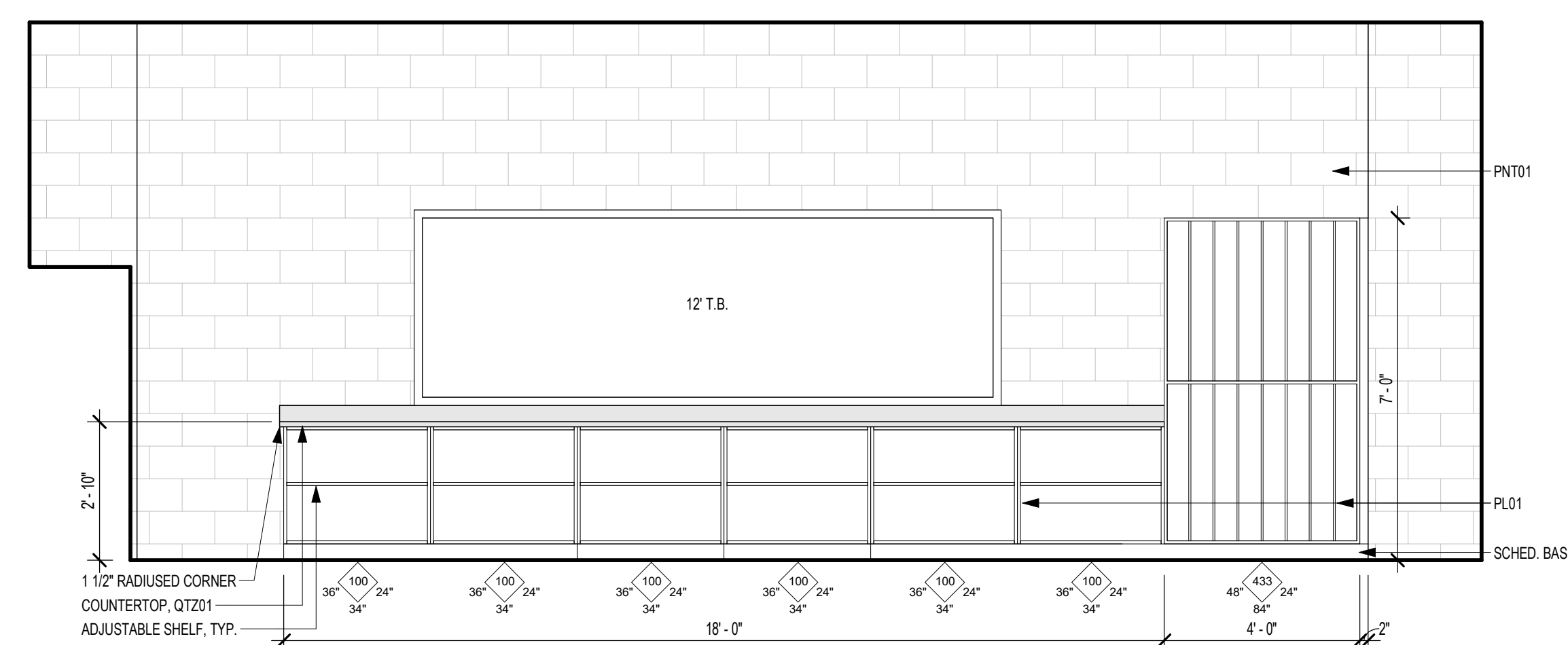
10 A8 MW RECEPTION - LOW @ PASS THROUGH
1 1/2" = 1'-0"



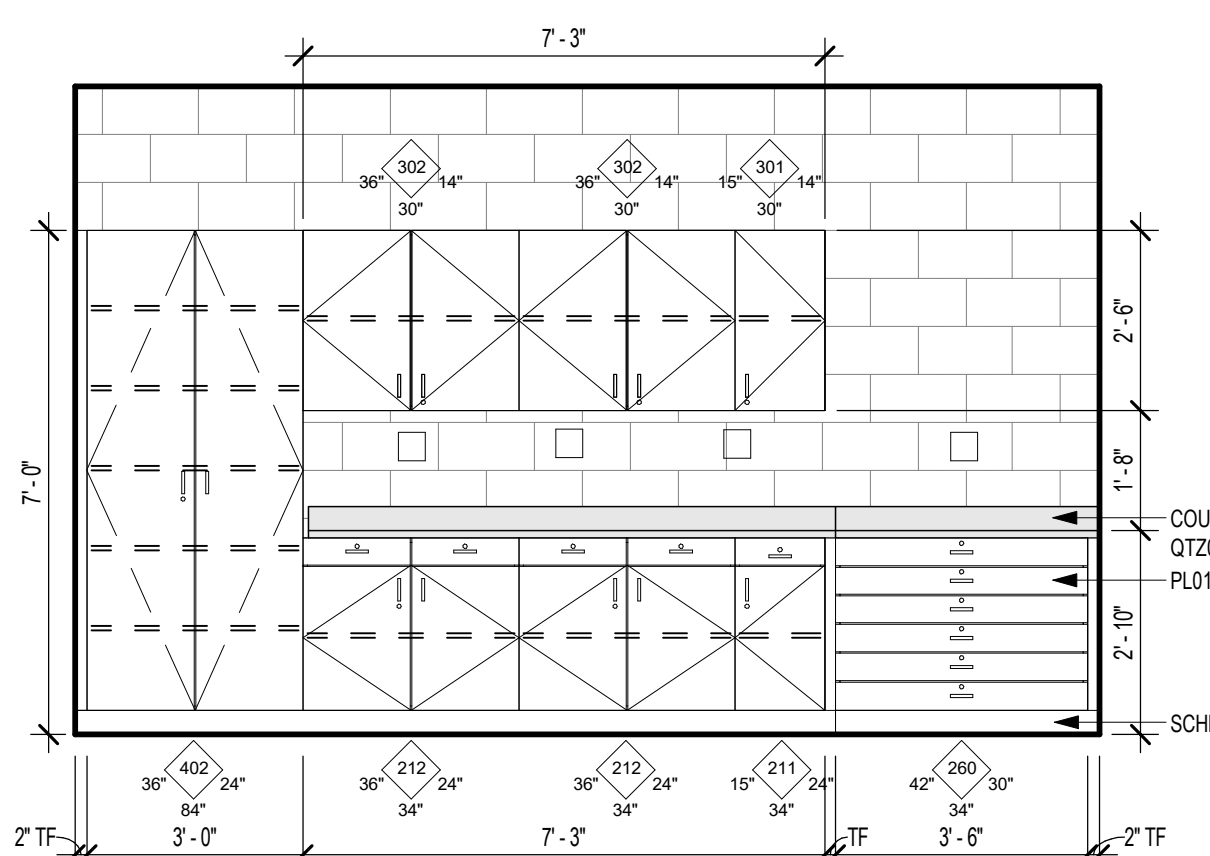
9 A8 MW RECEPTION - HIGH @ PASS THROUGH
1 1/2" = 1'-0"



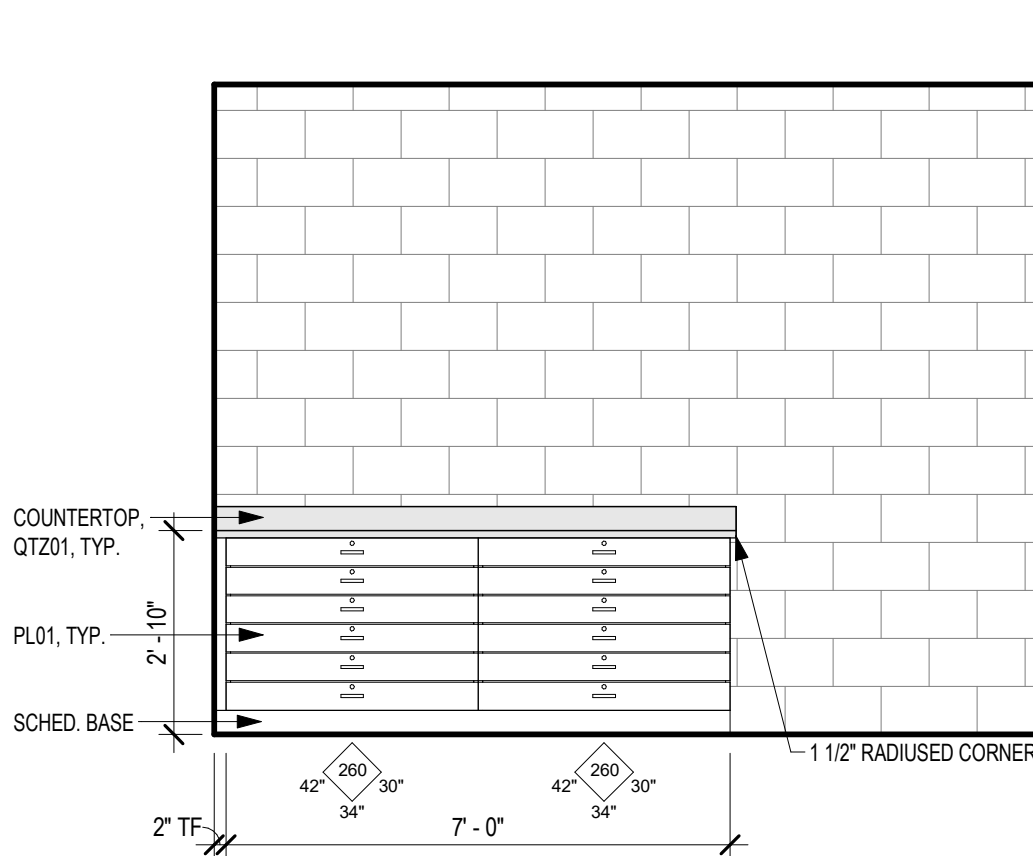
8 A8 MW RECEPTION - HIGH
1 1/2" = 1'-0"



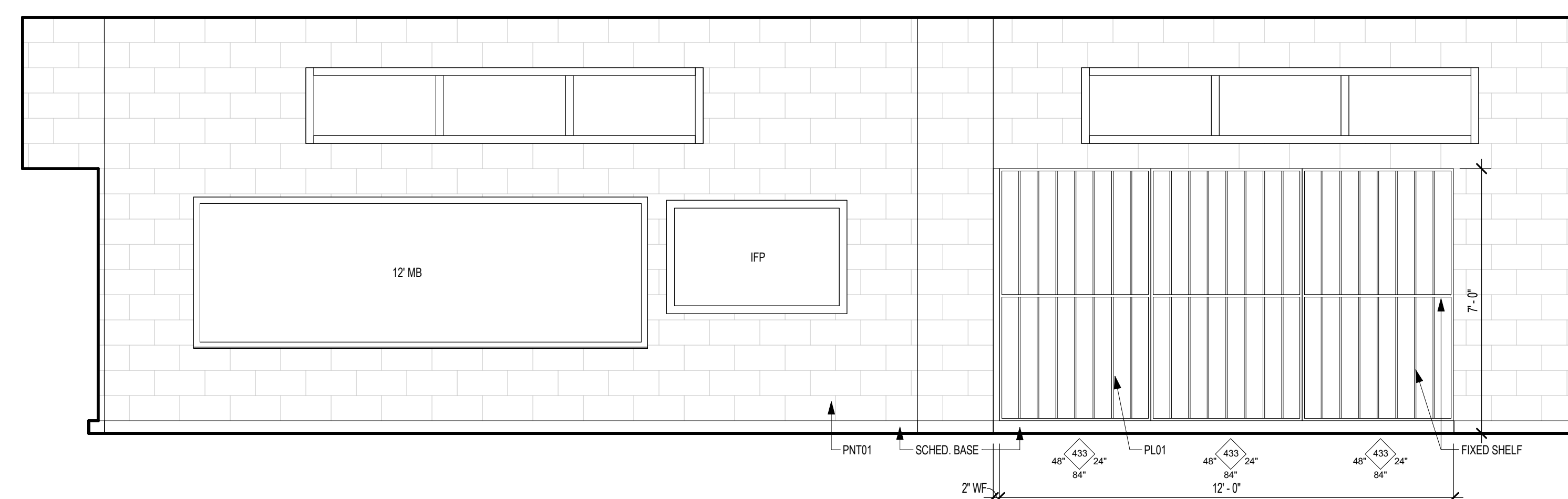
5 CW ELEV - E114 ART - N
3/8" = 1'-0"



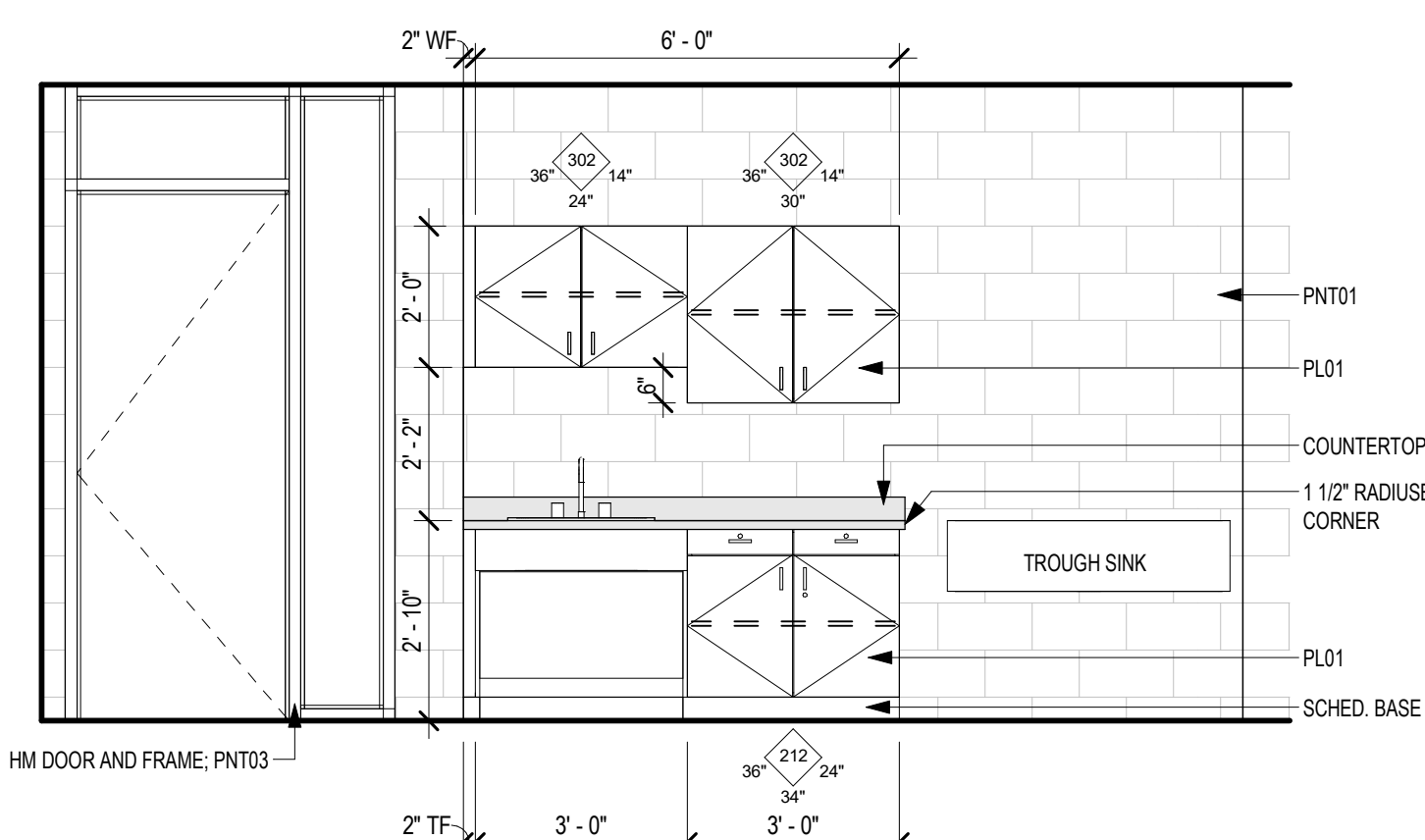
3 CW ELEV - E112 STOR - S
3/8" = 1'-0"



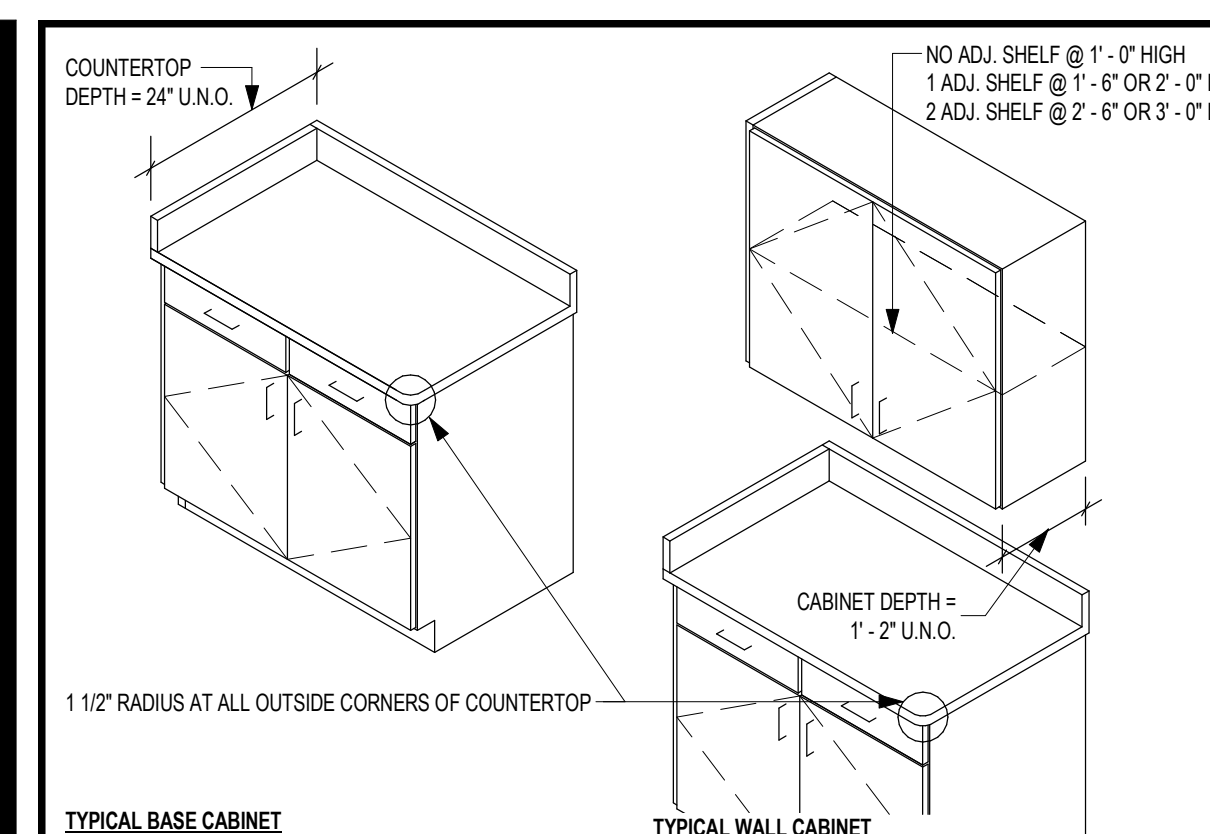
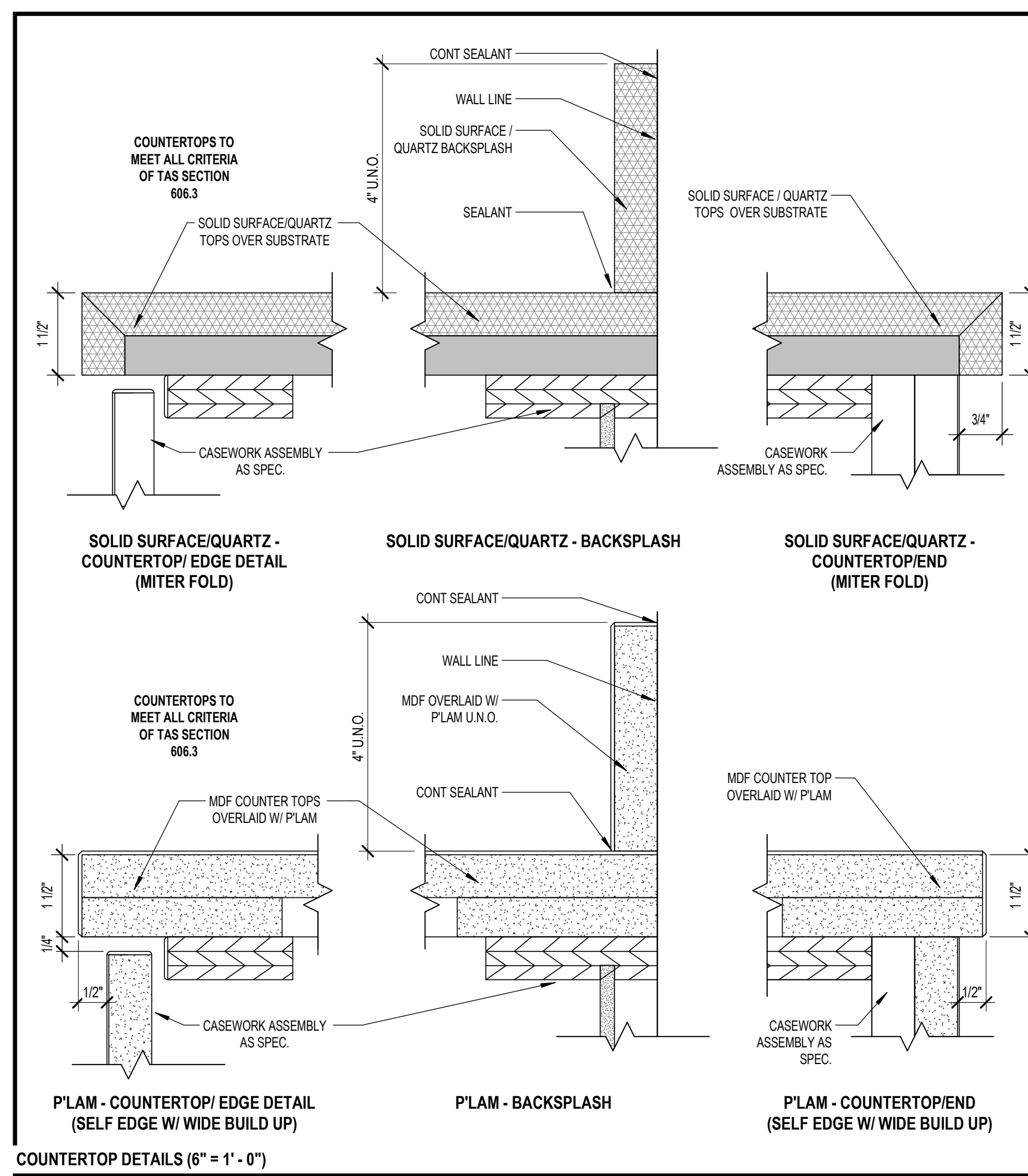
2 CW ELEV - E111 WORK RM - S
3/8" = 1'-0"



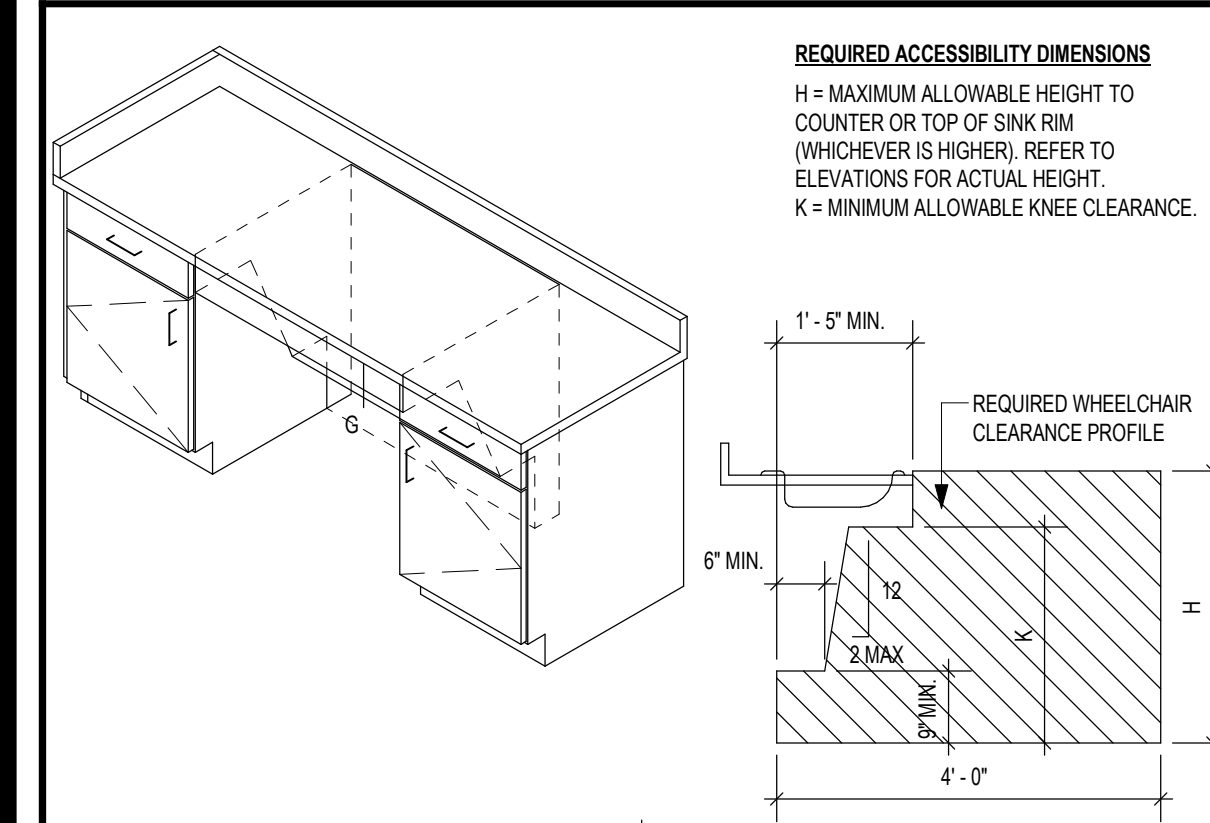
4 CW ELEV - E114 ART - E
3/8" = 1'-0"



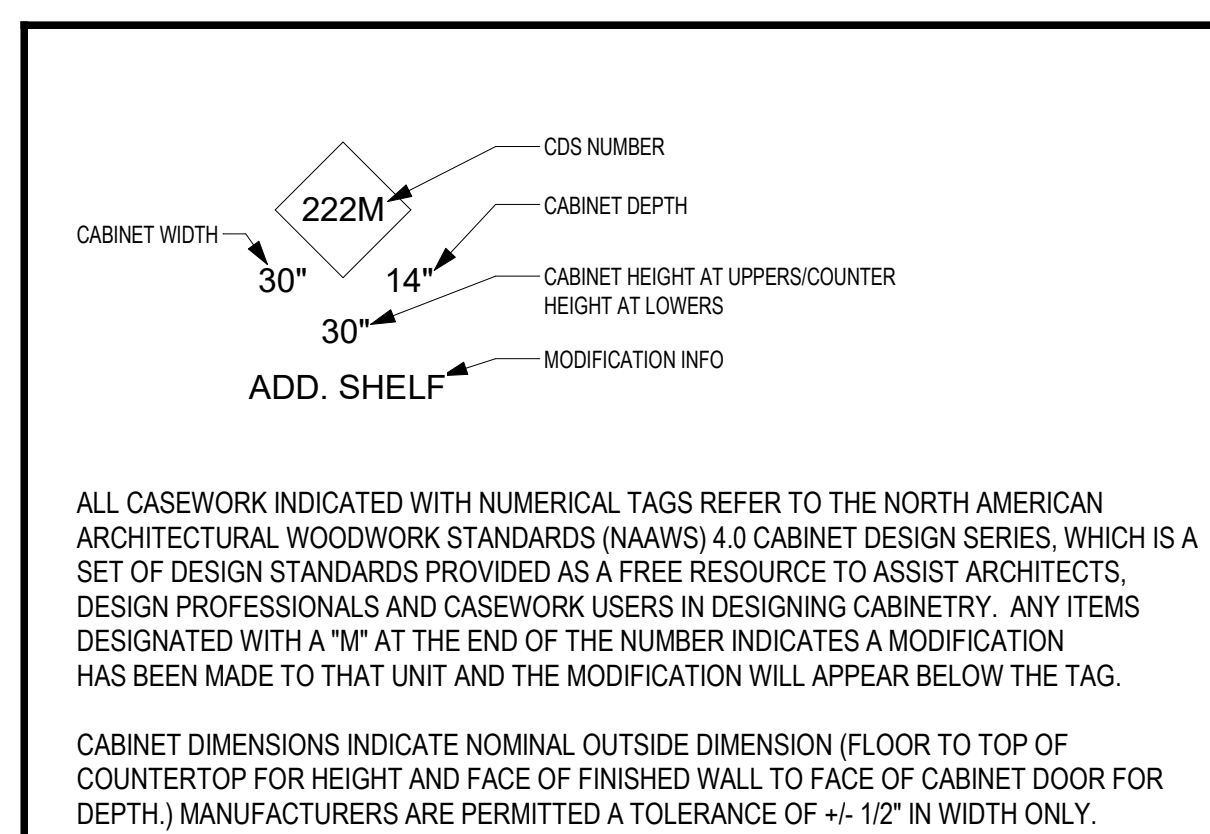
1 CW ELEV - E109 DIGITAL ART - S
3/8" = 1'-0"



CABINET CONFIGURATIONS



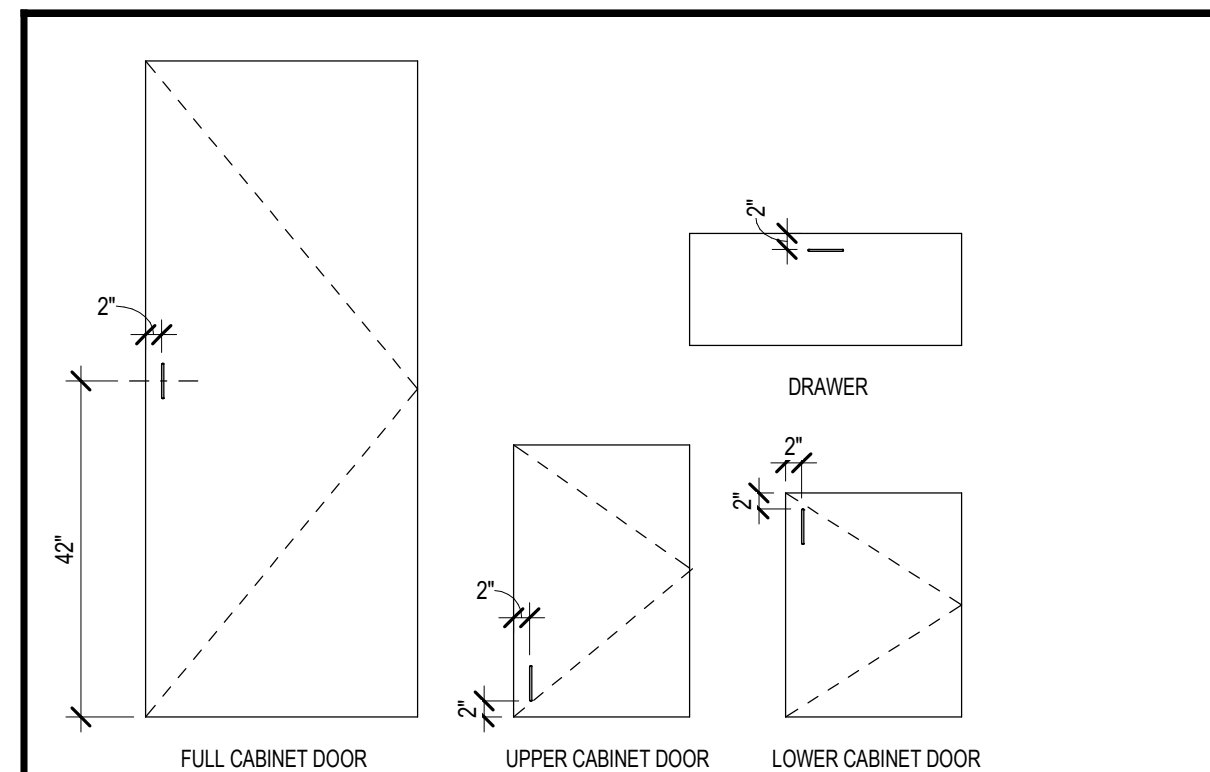
ACCESSIBLE SINK CABINET CONFIGURATIONS



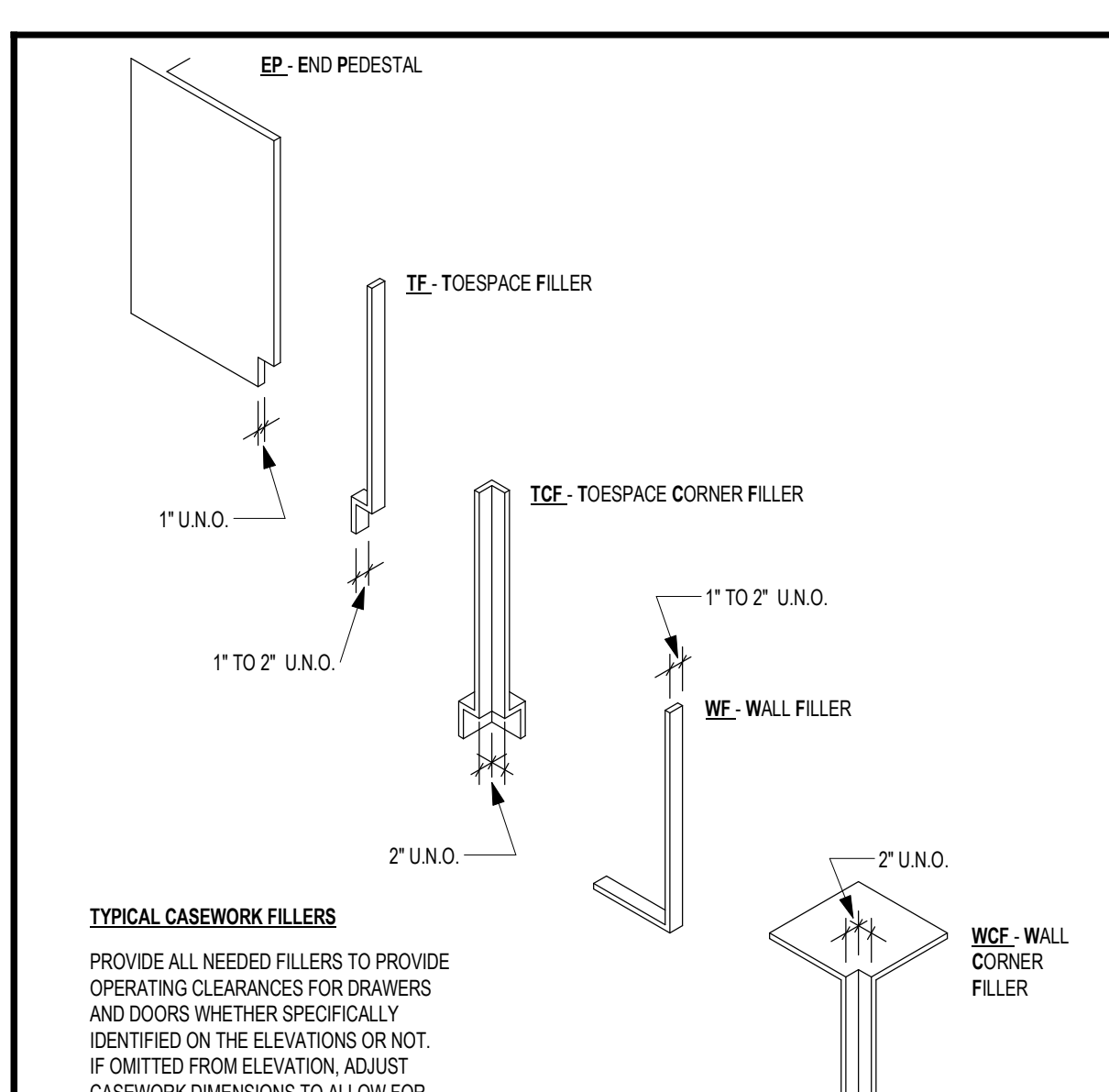
CASEWORK TYPE TAGS

- COORDINATE DIMENSIONS AND CLEARANCE REQUIREMENTS FOR ALL FILE CABINETS, APPLIANCES AND EQUIPMENT PROVIDED BY CONTRACTOR AND/OR OWNER.
- COORDINATE PLUMBING AND/OR ELECTRICAL REQUIREMENTS FOR APPLIANCES AND EQUIPMENT WITH CASEWORK.
- PROVIDE TRIM AND FILLER PANELS WHERE EQUIPMENT IS LOCATED WITHIN CABINET UNITS.
- COUNTERTOPS TO MEET THE CRITERIA PER TAS SECTION 606.3. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
- CONTINUE COUNTERTOP BACKSPLASH TO SIDEWALLS WHERE SUCH CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
- PROVIDE CABINET LOCKS AT ALL DOORS AND DRAWERS.
- PROVIDE STAMPED NUMBER ON CYLINDER LOCK FACE. COORDINATE NUMBERING REQUIREMENT WITH ARCHITECT.
- PROVIDE COUNTERTOP SUPPORT BRACKETS AT 36" O.C. MAX. AT KNEE SPACES AND LAVATORY COUNTERS, UNLESS NOTED OTHERWISE.
- 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.
- PROVIDE BOTTOM CLOSURE FOR FILLER PANELS AT THE SPACE AND TOP AND BOTTOM OF UPPER WALL CABINETS TO FINISH COMPLETELY.
- 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.
- PROVIDE WALL BASE FOR RECESSED TOE-KICKS AND BACK OF KNEE SPACE(S) UNLESS NOTED OTHERWISE.
- MILLWORK SHALL BE CAULKED TO WALLS.
- CLOSE TOP AND BOTTOM VOIDS BETWEEN CORNER CABINETS AND FILLER PANELS WHERE BLIND CORNERS ARE NOT USED.
- SPLICES ARE NOT PERMITTED ON COUNTERTOP LAMINATE MATERIAL LESS THAN 144" LONG.
- ENSURE FILE DRAWERS ACCOMMODATE 8 1/2"x11" PENDAFLEX HANGING FILES WITH TABS FRONT TO REAR, TYP.

GENERAL CASEWORK NOTES



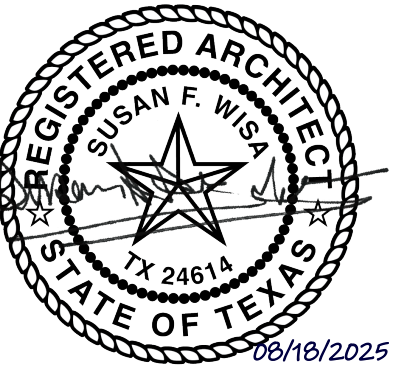
PULL LOCATIONS - WIRE PULLS



FILLERS, CORNERS AND ENDS

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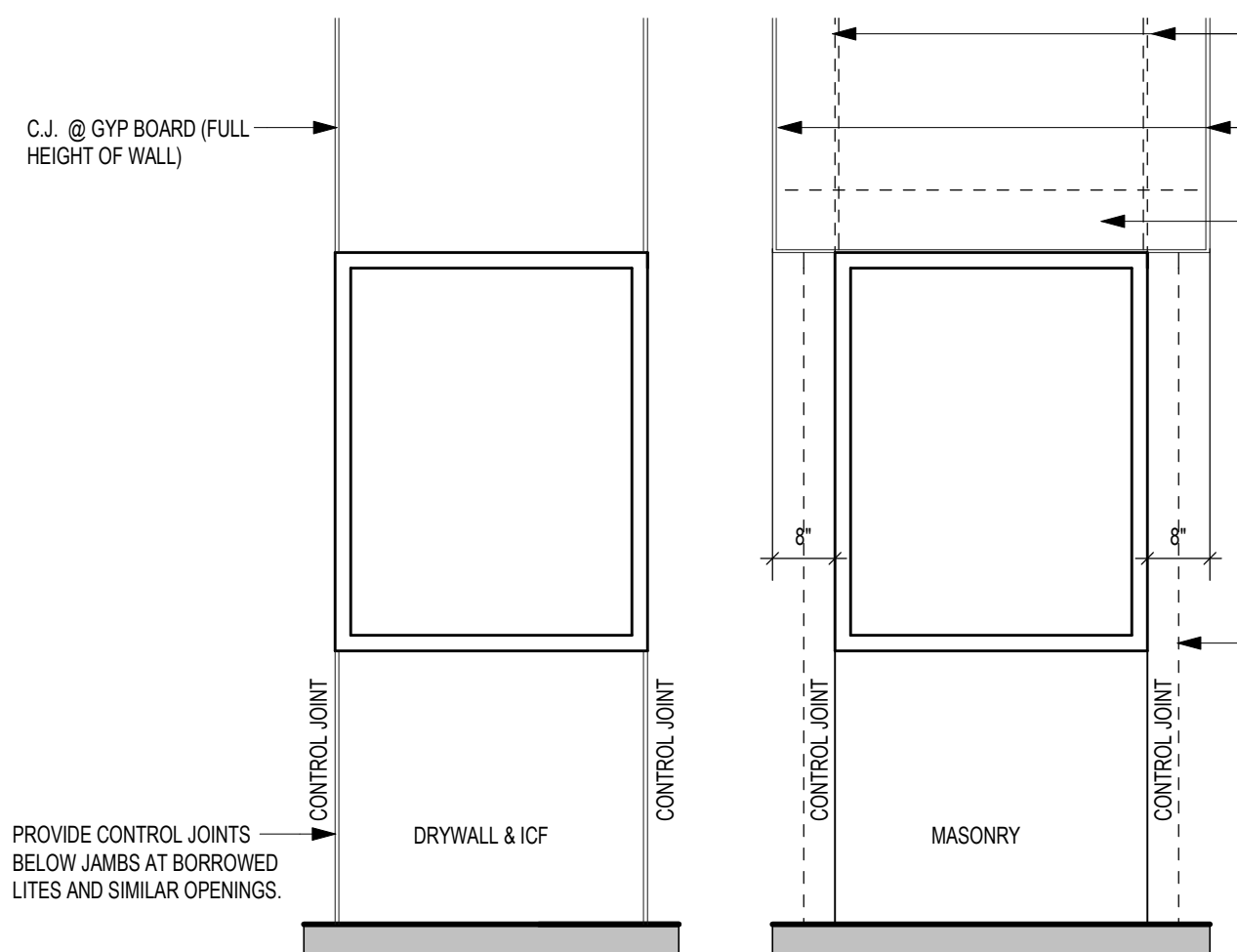
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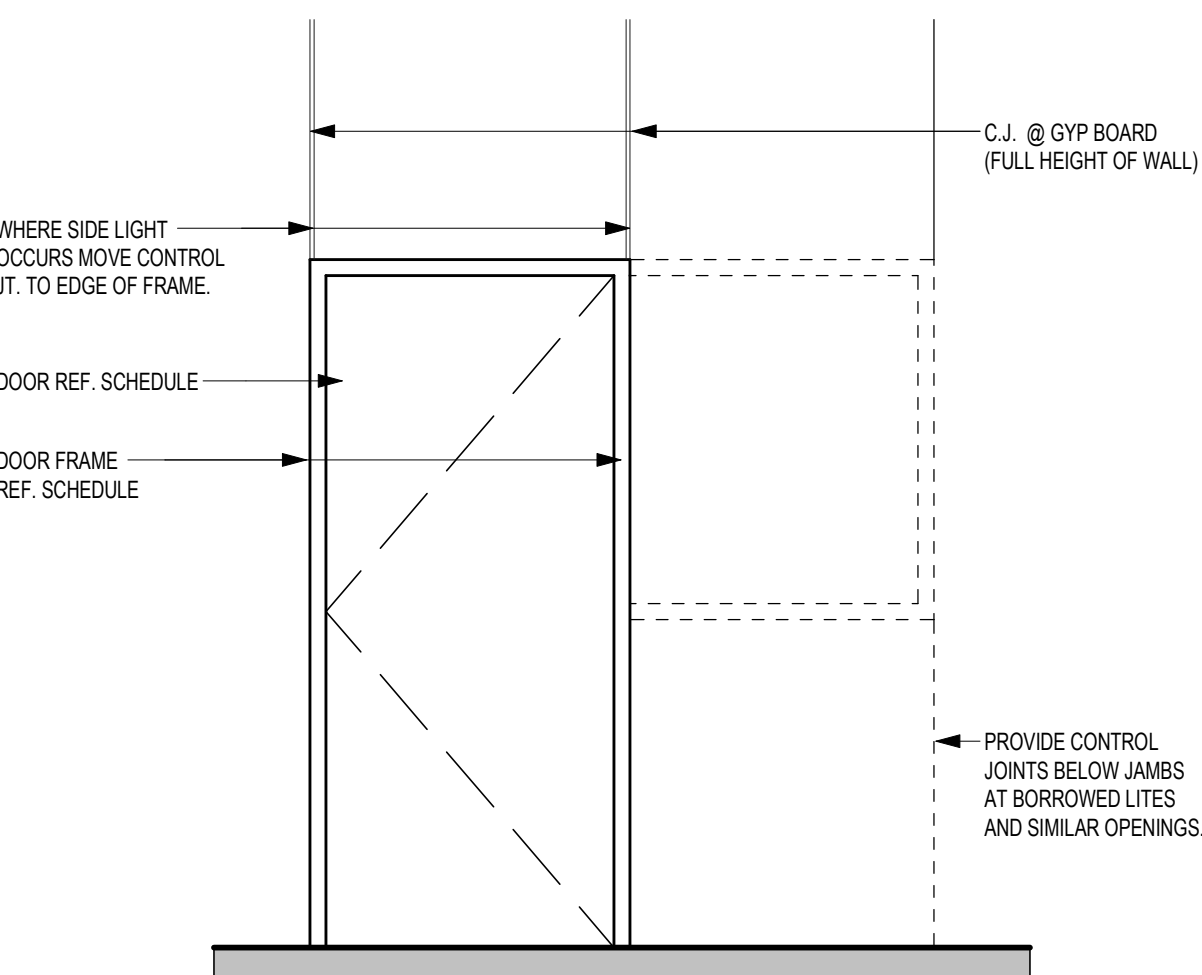
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TYPICAL DETAILS

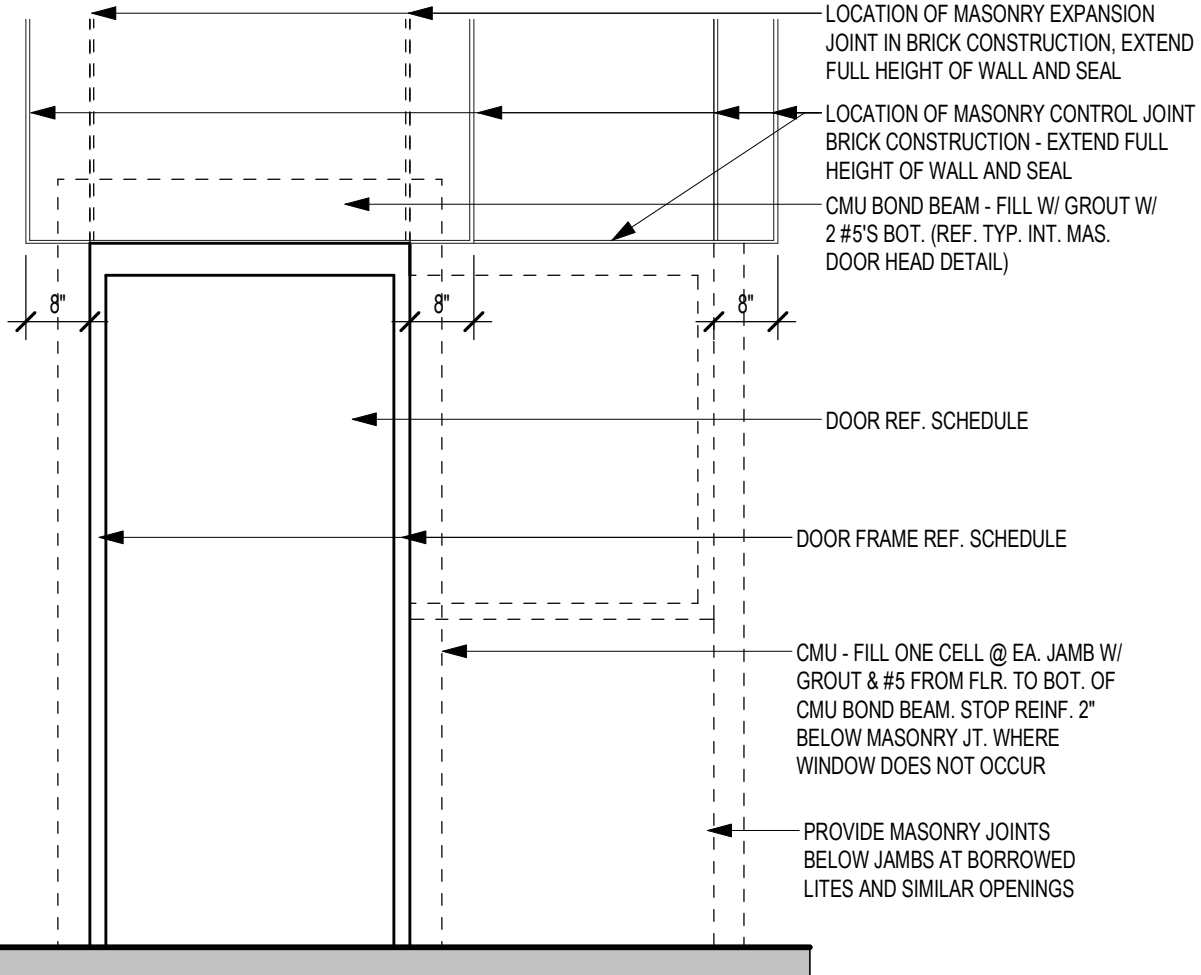
Job No.
01818-07-01
Sheet No.
A9.01
Date:
06/18/2025



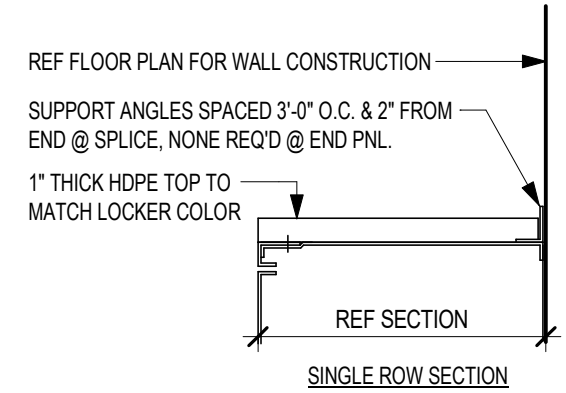
3 TYP CONTROL JOINT @ WINDOW FRAME - MASONRY, DRYWALL & ICF
1/2" = 1'-0"



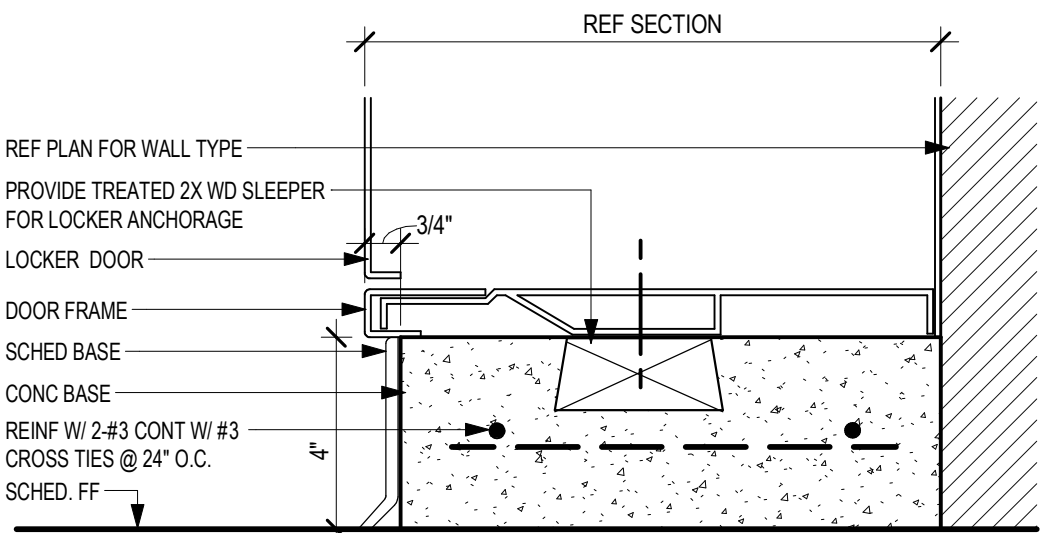
2 TYP CONTROL JOINT @ DOOR FRAME - DRY WALL & ICF
1/2" = 1'-0"



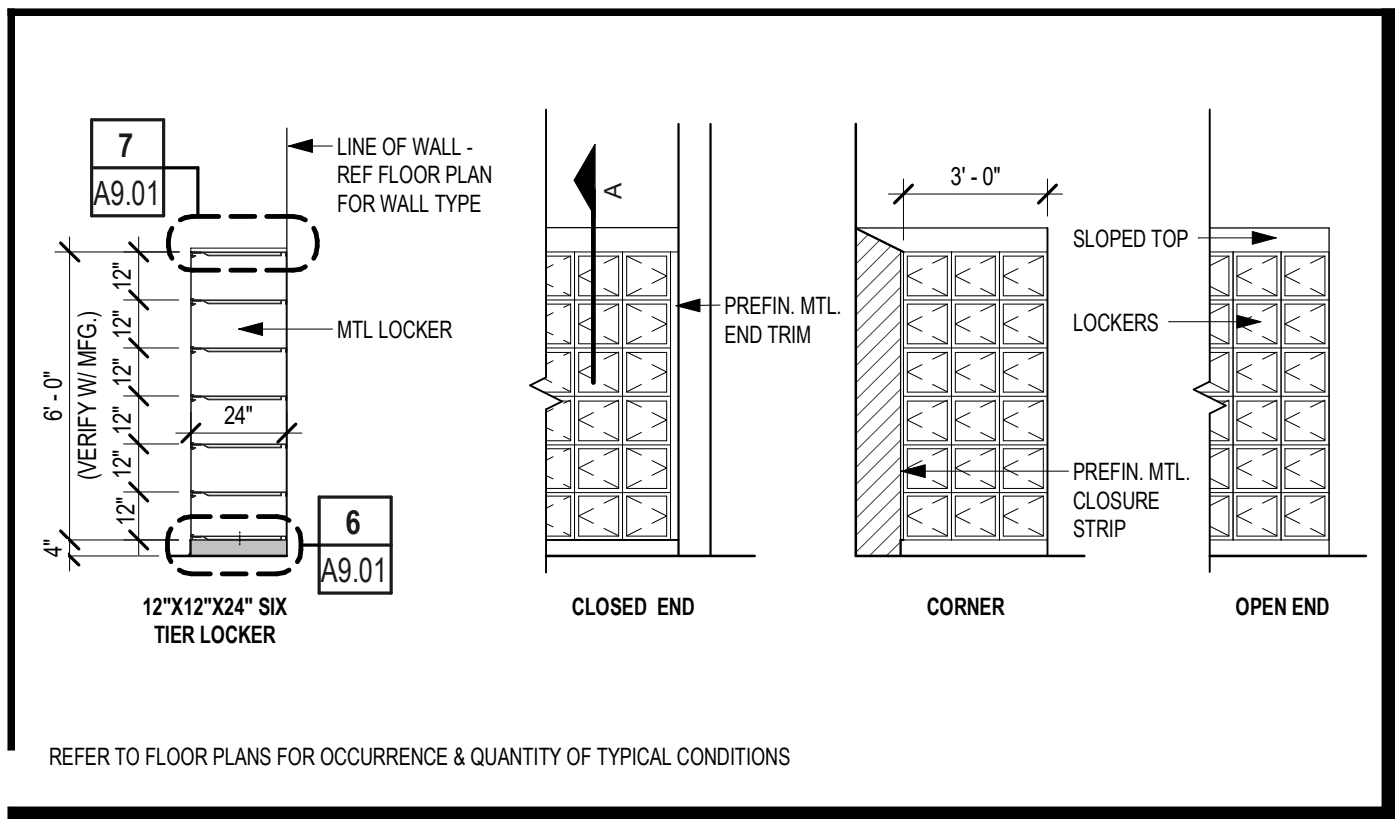
1 TYP CONTROL JOINT @ DOOR FRAME- MASONRY
1/2" = 1'-0"



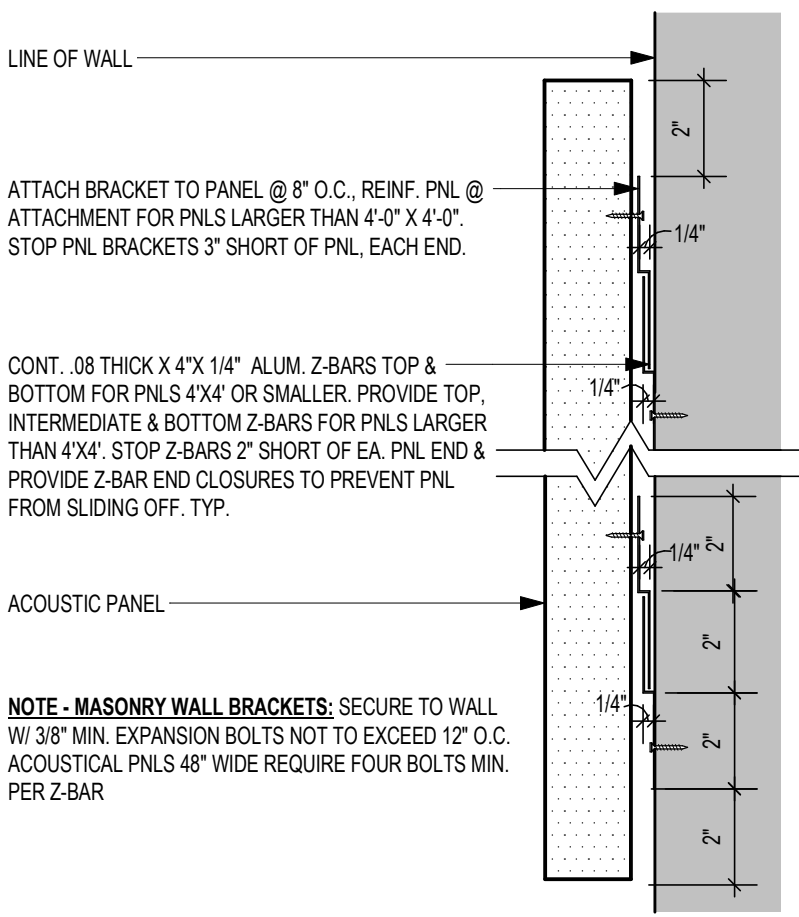
7 A9_LKR HDPE TOP
1 1/2" = 1'-0"



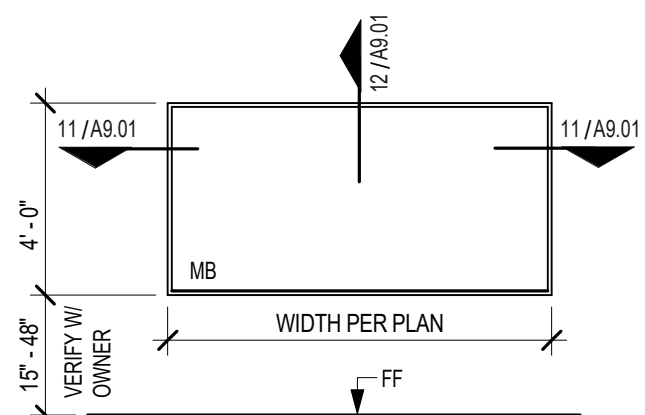
6 A9_LKR TYP 4" CONC BASE
3" = 1'-0"



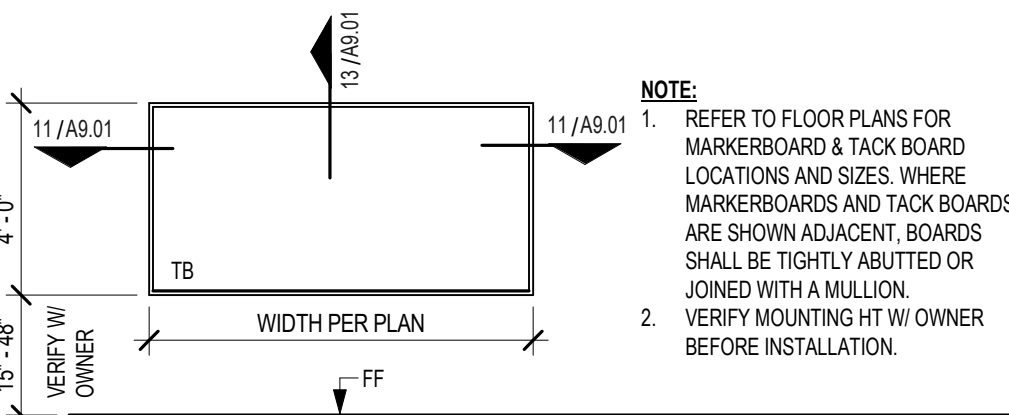
5 A9 Type 'B1' Locker Sect & Elevs - 6 TIERS (12 x 12 x 24)
1/4" = 1'-0"



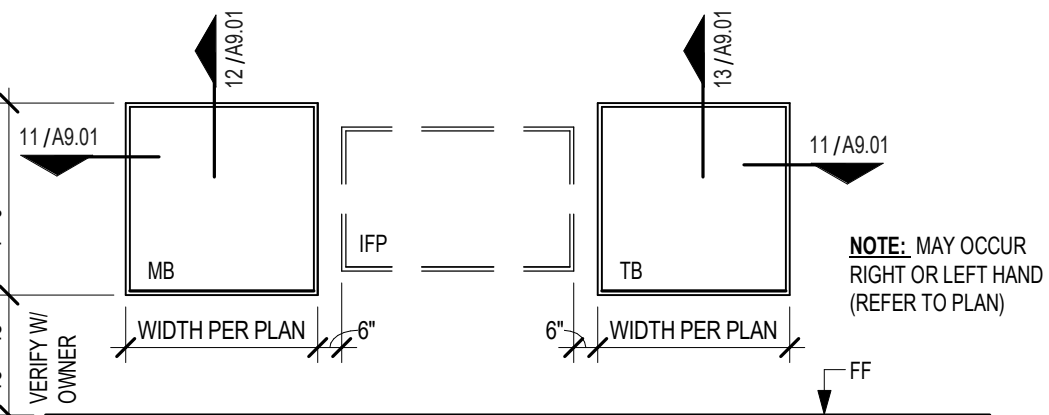
4 A9_MISC ACOUSTIC WALL PANEL DTL
3" = 1'-0"



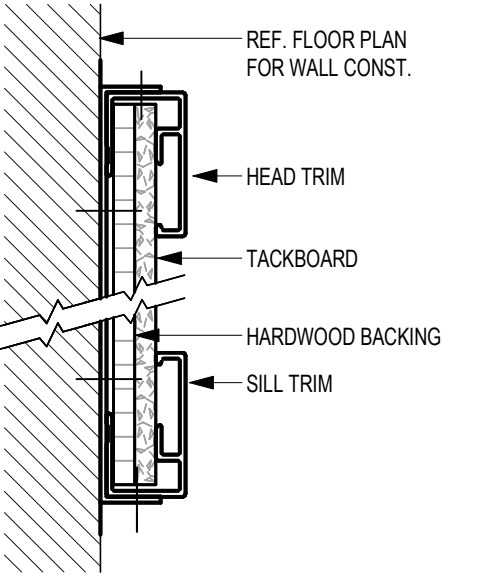
10 TYPICAL MARKERBOARD
1/4" = 1'-0"



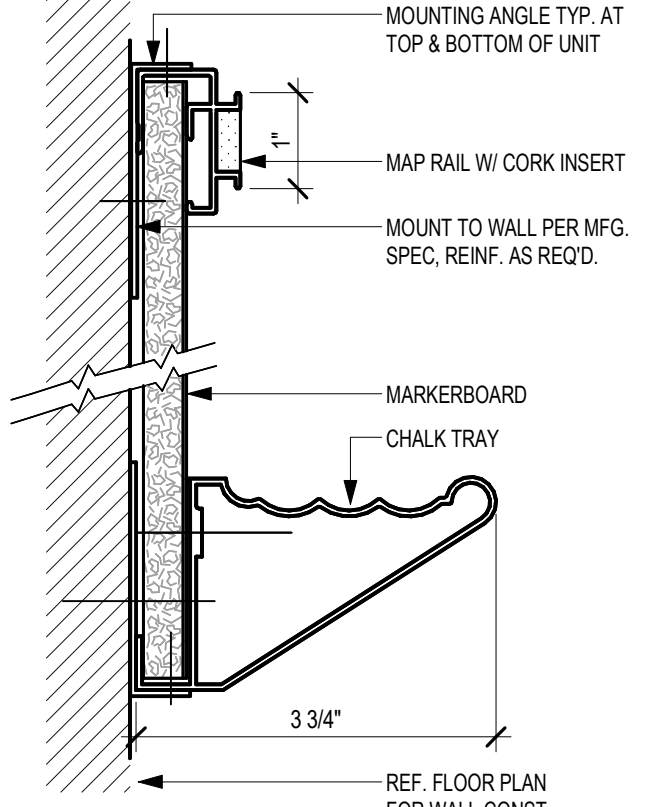
9 TYPICAL TACK BOARD
1/4" = 1'-0"



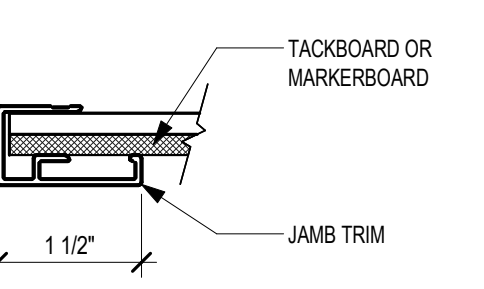
8 TYPICAL MARKERBOARD/TACK BOARD COMBO
1/4" = 1'-0"



13 SECTION - D
6" = 1'-0"



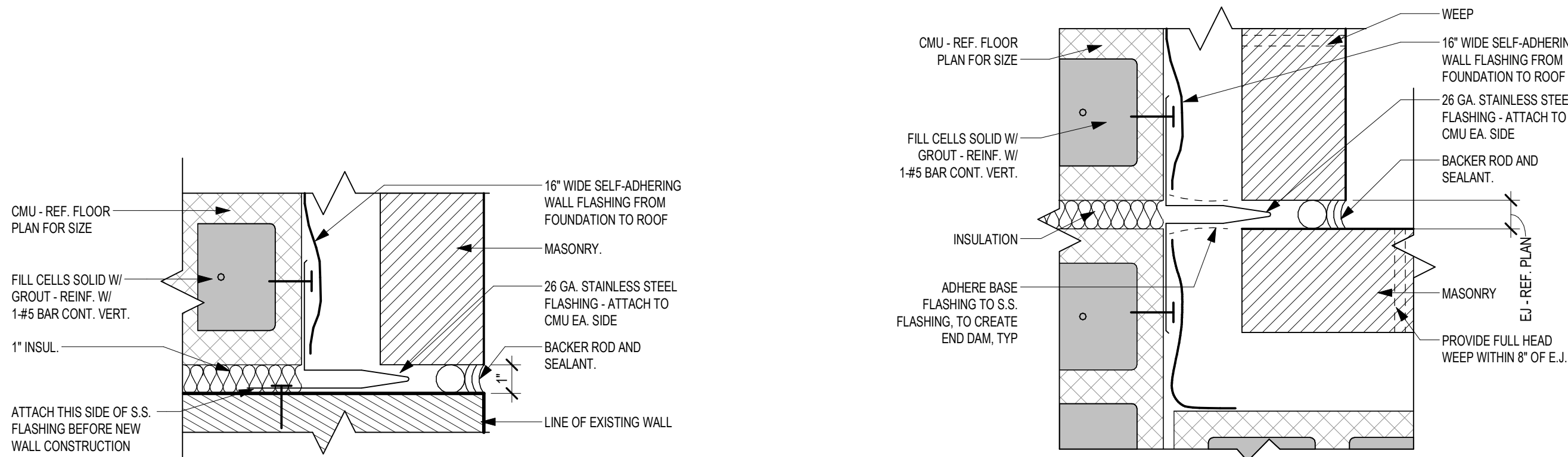
12 SECTION - C
6" = 1'-0"



11 SECTION - A
6" = 1'-0"

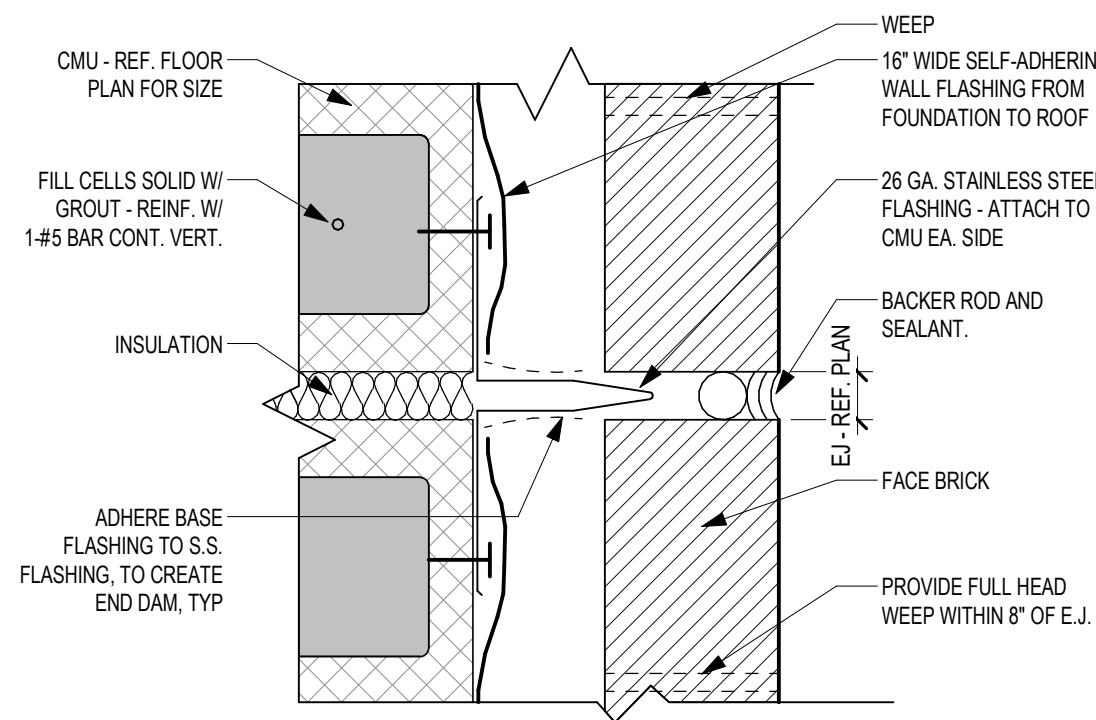
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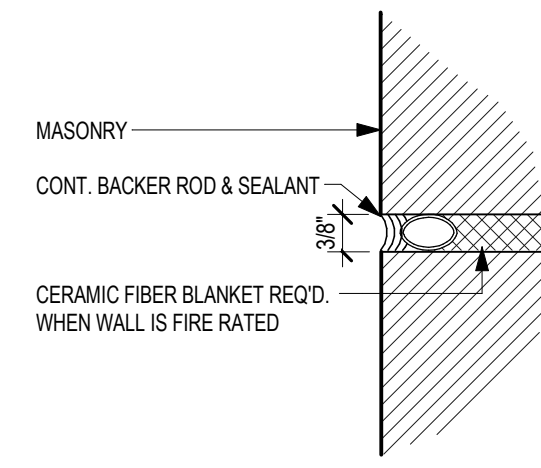


6 WALL TO WALL BUILDING E.J. @ EXISTING WALL
3" = 1'-0"

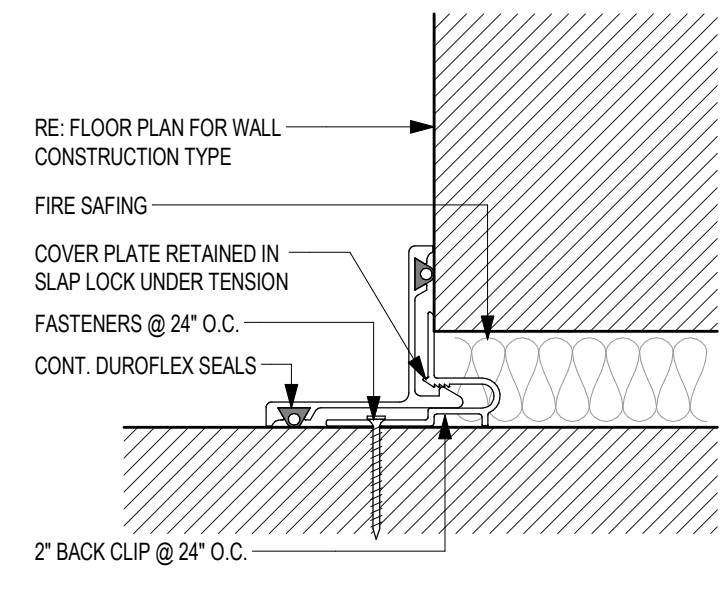
5 WALL TO WALL BUILDING E. J. @ CORNER
3" = 1'-0"



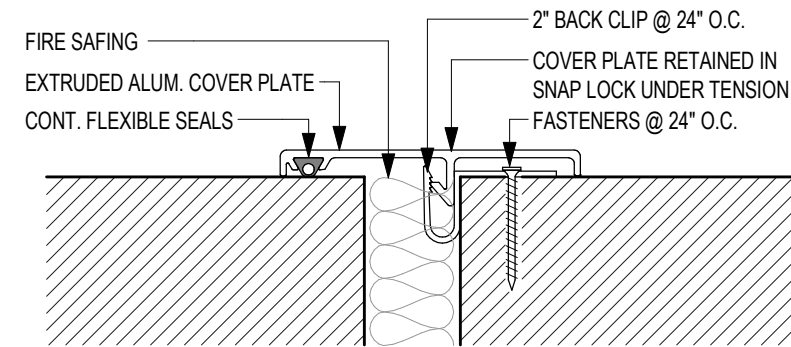
4 WALL TO WALL BUILDING EXPANSION JOINT
3" = 1'-0"



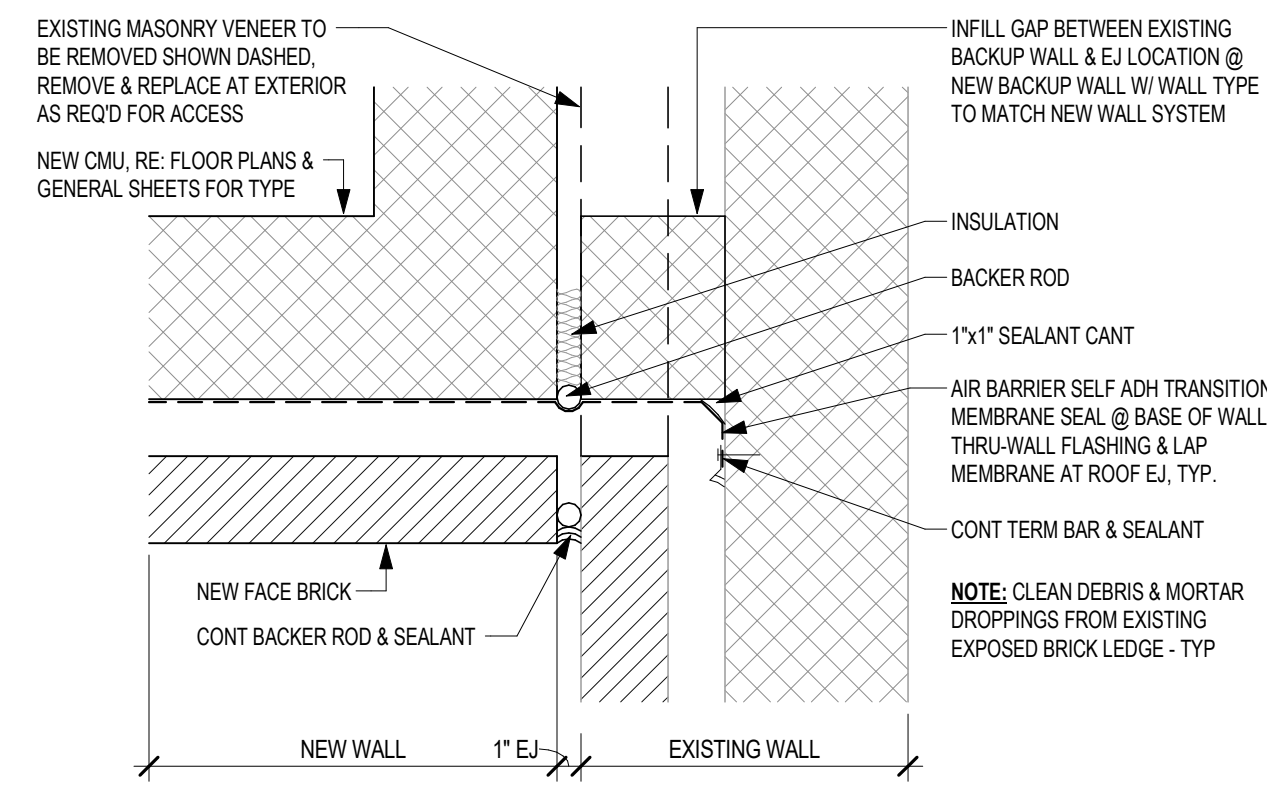
3 A9 EJ FACE BRICK
6" = 1'-0"



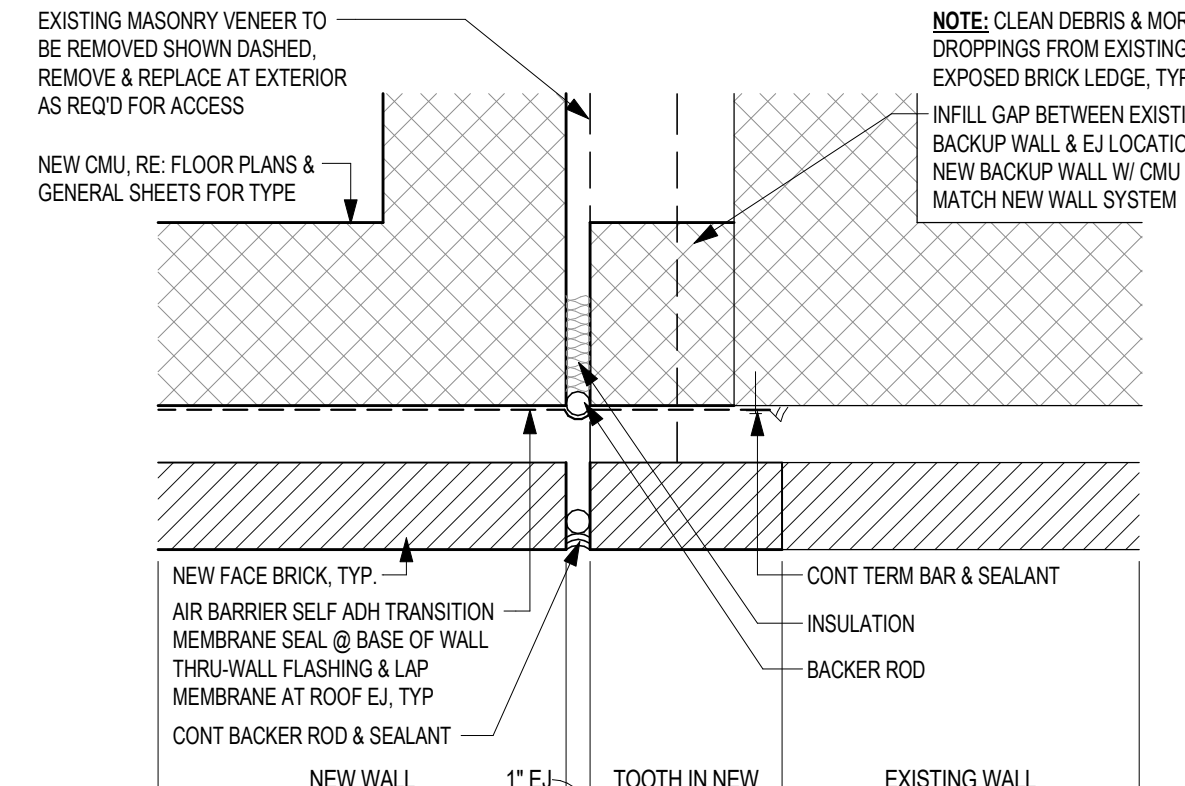
2 A9 EJ WALL TO WALL--INTERIOR CORNER
6" = 1'-0"



1 A9 EJ WALL TO WALL--INTERIOR
6" = 1'-0"



8 TYP BLDG E.J. @ NEW BRICK WALL TO EXIST WALL - PERPENDICULAR
1 1/2" = 1'-0"



7 TYP BLDG E.J. @ NEW BRICK WALL TO EXIST WALL - PARALLEL
1 1/2" = 1'-0"

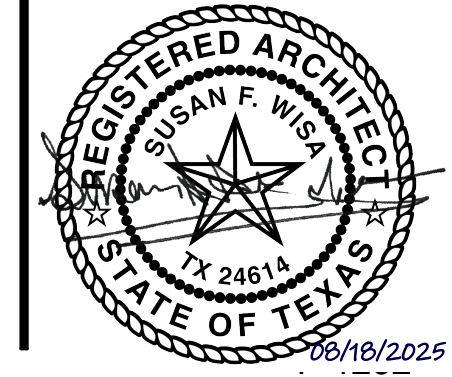
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EXPANSION JOINT DETAILS

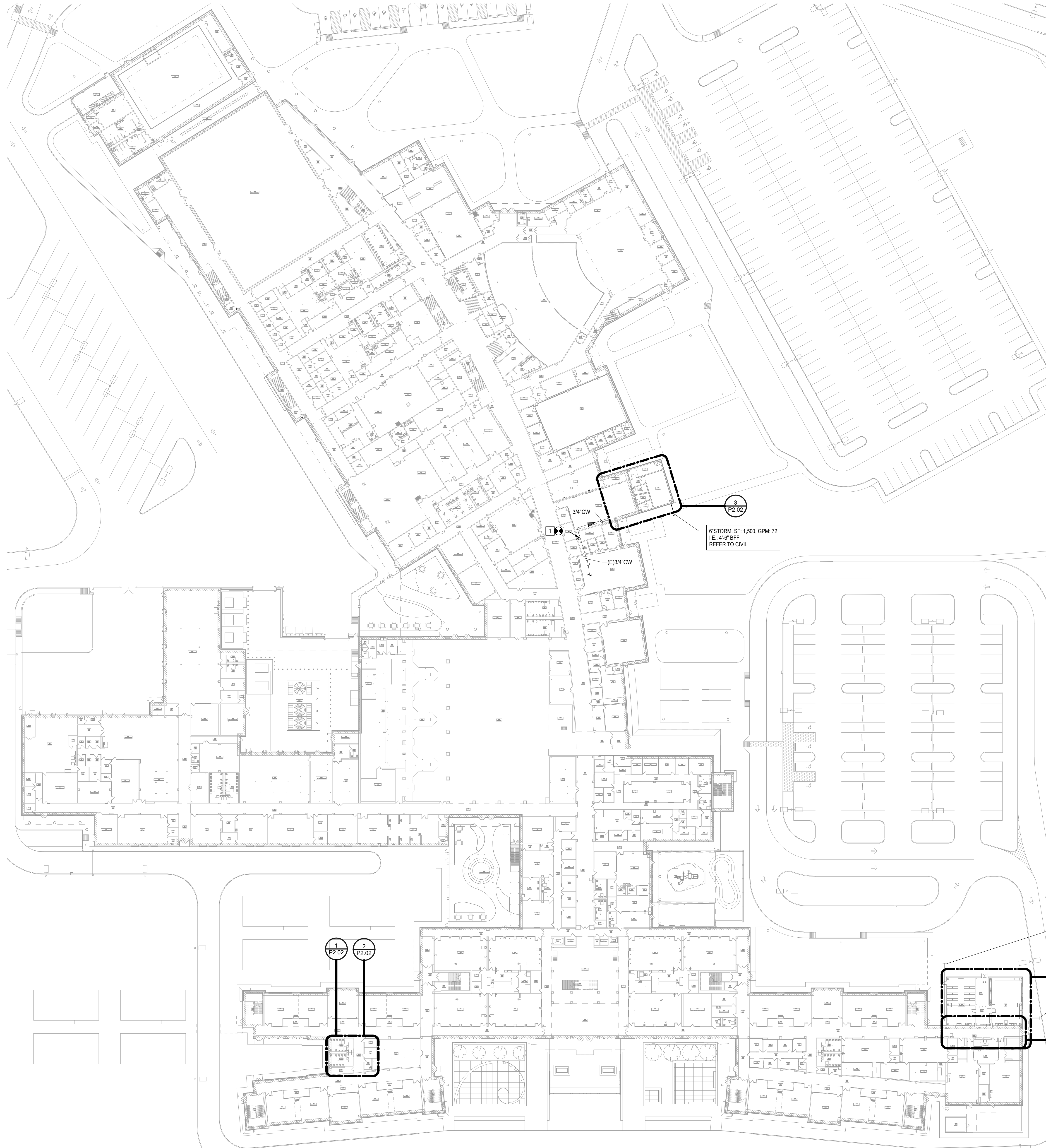
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01818-07-01

Drawn By:
PFR

Date:
06/18/2025

Sheet No.

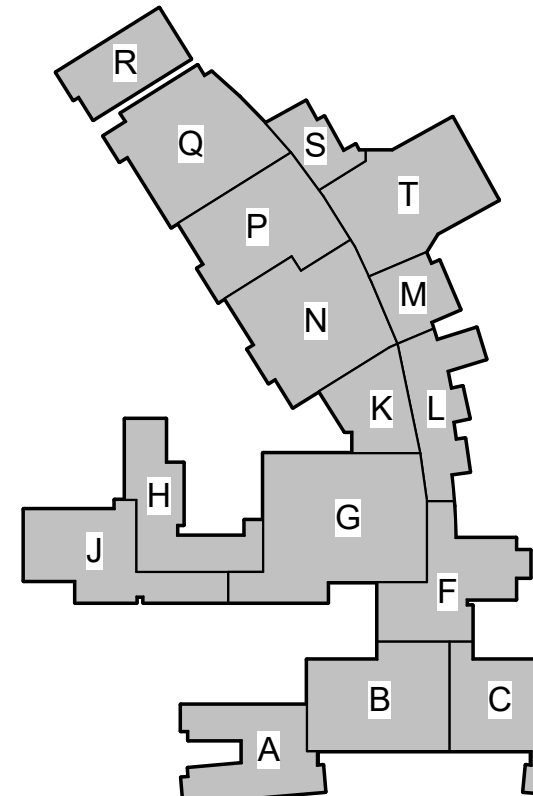
A9.03



PLUMBING KEYED NOTES:

1 CONNECT NEW 3/4" COLD WATER PIPE TO EXISTING COLD WATER PIPING IN CEILING. COORDINATE NEW ROUTING WITH ALL EXISTING SITE CONDITIONS AND ALL DISCIPLINES.

1 PLUMBING COMPOSITE FLOOR PLAN - LEVEL 1
Scale: 1" = 40'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
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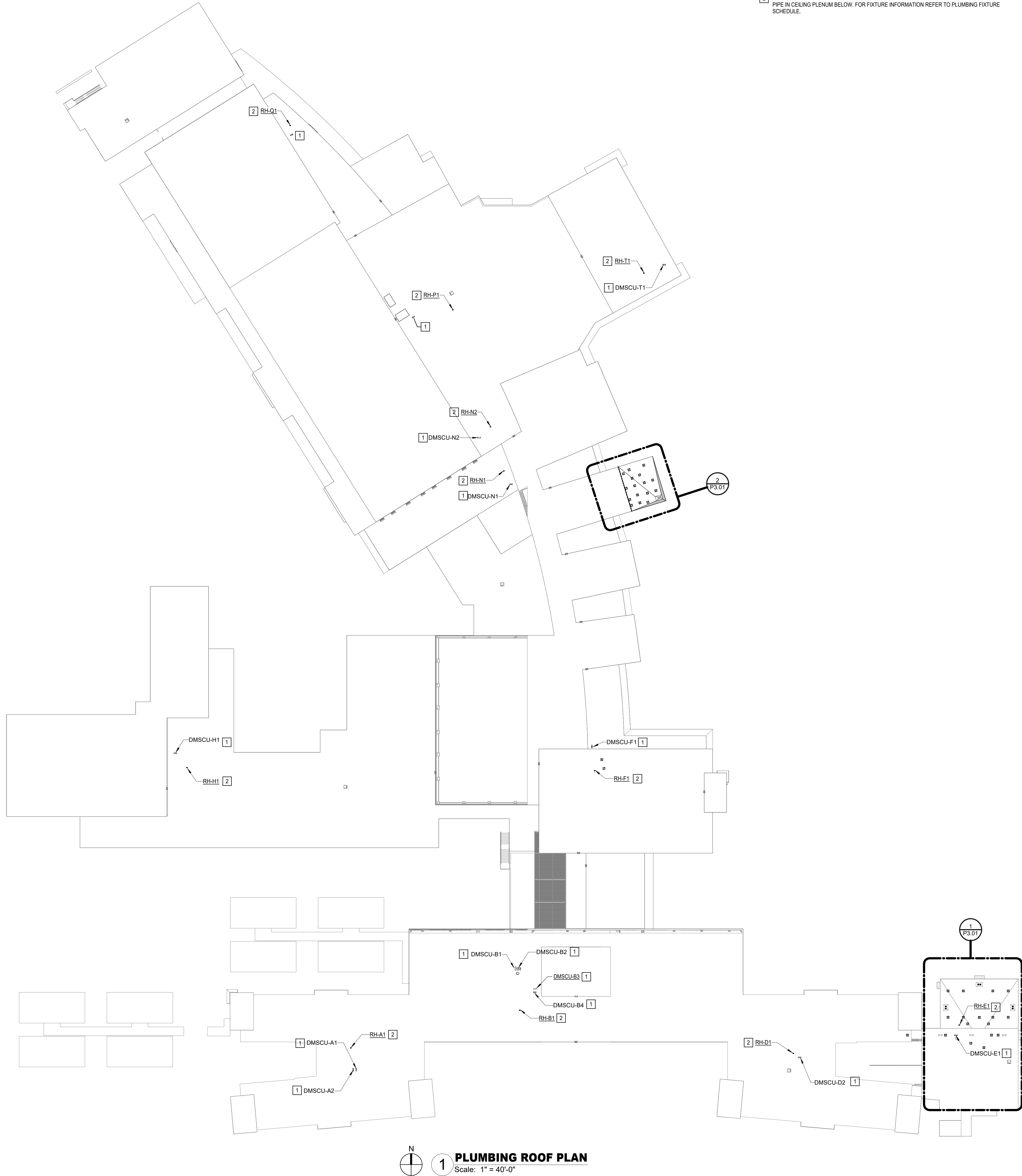
Project:

Salas O'Brien
Houston
10933 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00
08/18/2025

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PLUMBING COMPOSITE
FLOOR PLAN - LEVEL 1

Job No. 01818-07-01	Sheet No. P1.01
Drawn By: VU	
Date: 08/18/2025	



- PLUMBING KEYED NOTES:**
- 1 MECHANICAL CONDENSING UNIT ON ROOF. REFER TO MECHANICAL PLANS.
 - 2 ROOF MOUNTED HYDRANT. CONNECT 3/4" COLD WATER TO NEAREST 3/4" OR LARGER COLD WATER PIPE IN CEILING PLENUM BELOW. FOR FIXTURE INFORMATION REFER TO PLUMBING FIXTURE SCHEDULE.



1

PLUMBING ROOF PLAN
Scale: 1" = 40'-0"

Revision /

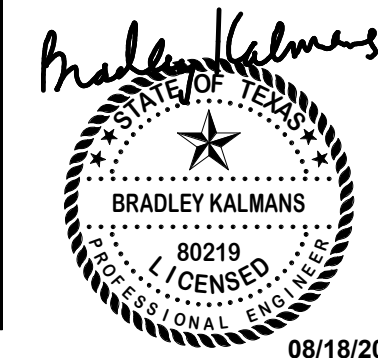
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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
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Project:



Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



PLUMBING COMPOSITE
ROOF PLAN

Job No.

01818-07-01

Drawn By:

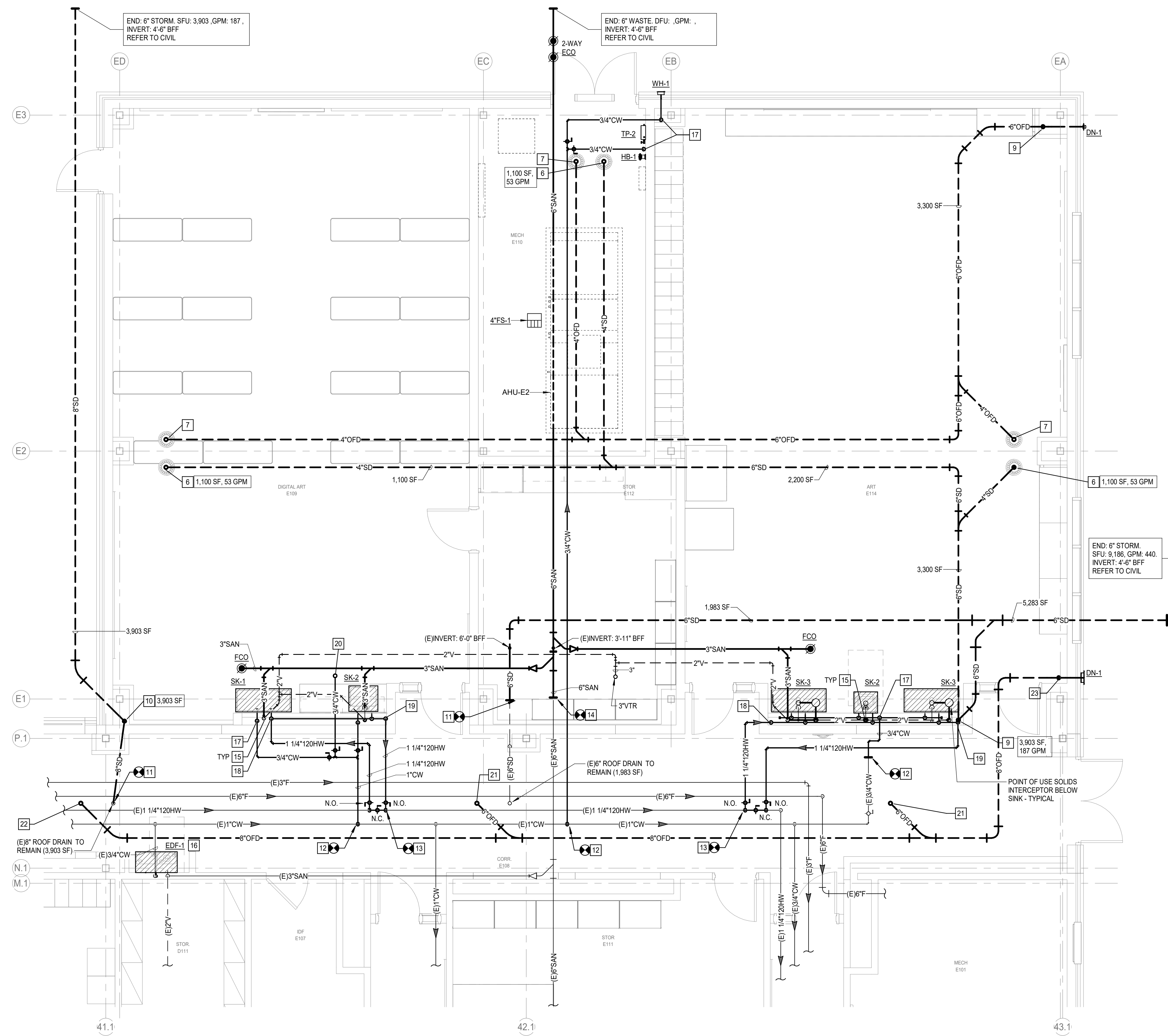
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Date:

08/18/2025

Sheet No.

P1.02

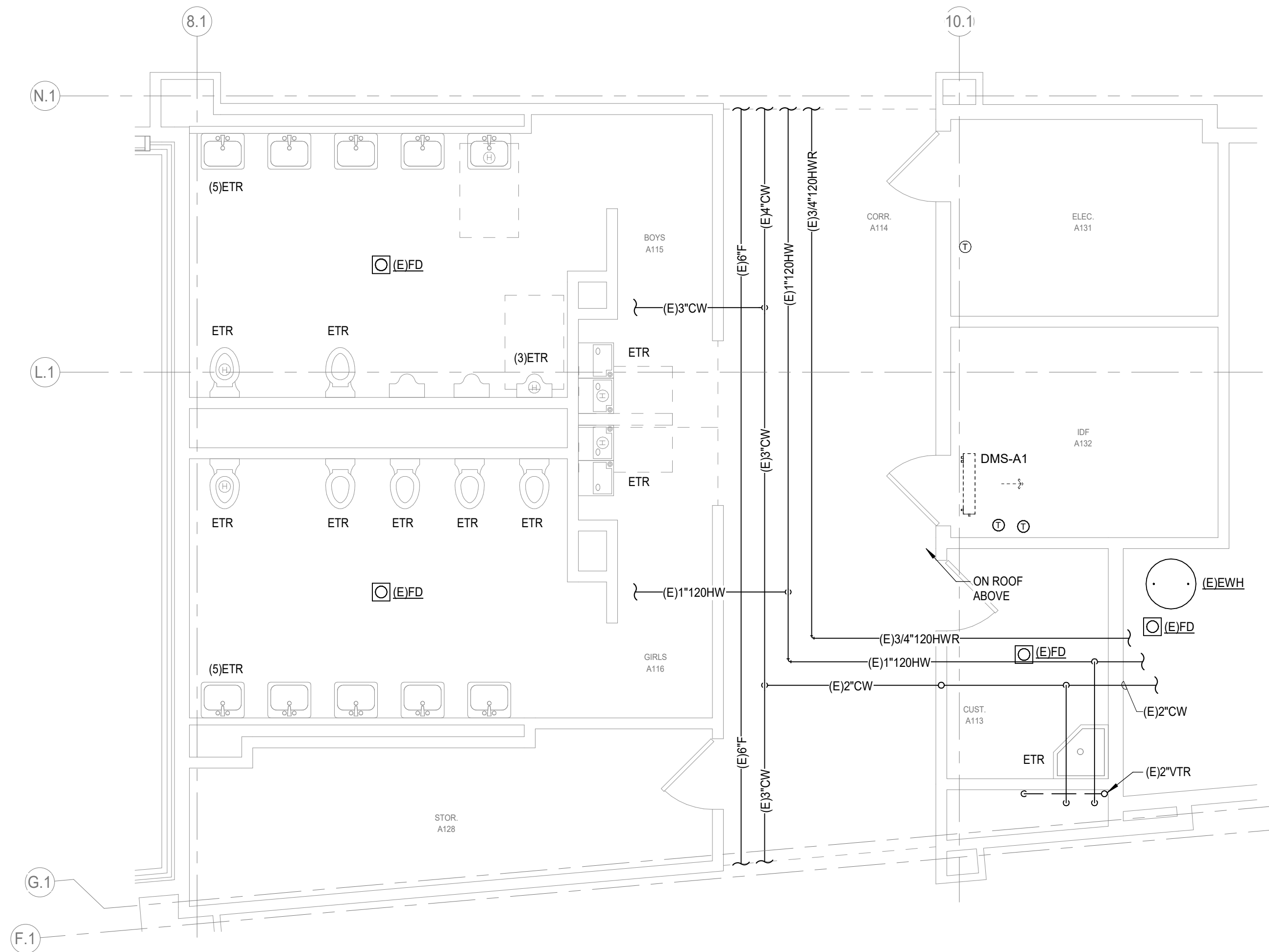


FIRE SPRINKLER NOTE:

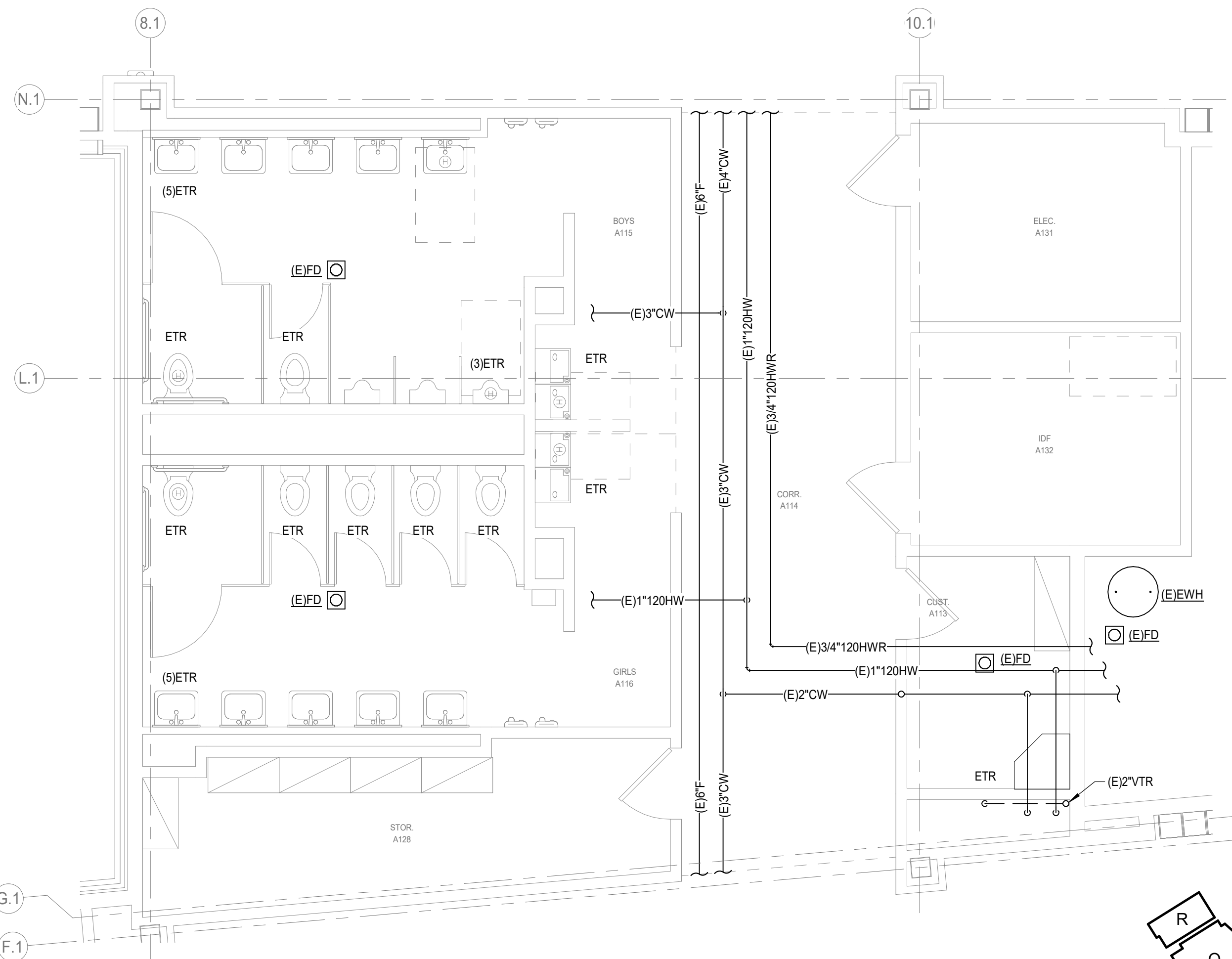
EXISTING FIRE SPRINKLER SYSTEM TO BE MAINTAINED IN FULL OPERATING ORDER FOR ENTIRE BUILDING AT ALL TIMES. LICENSED SPRINKLER ENGINEER OR LICENSED SPRINKLER CONTRACTOR, TO PROVIDE DRAWINGS AND CALCULATIONS FOR UP DATE CHANGES TO EXISTING SYSTEM AND TO COMPLY WITH NEW SPACE LAYOUT, NFPA 13. ALL STATE AND LOCAL CODE REQUIREMENTS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

PLUMBING KEYED NOTES:

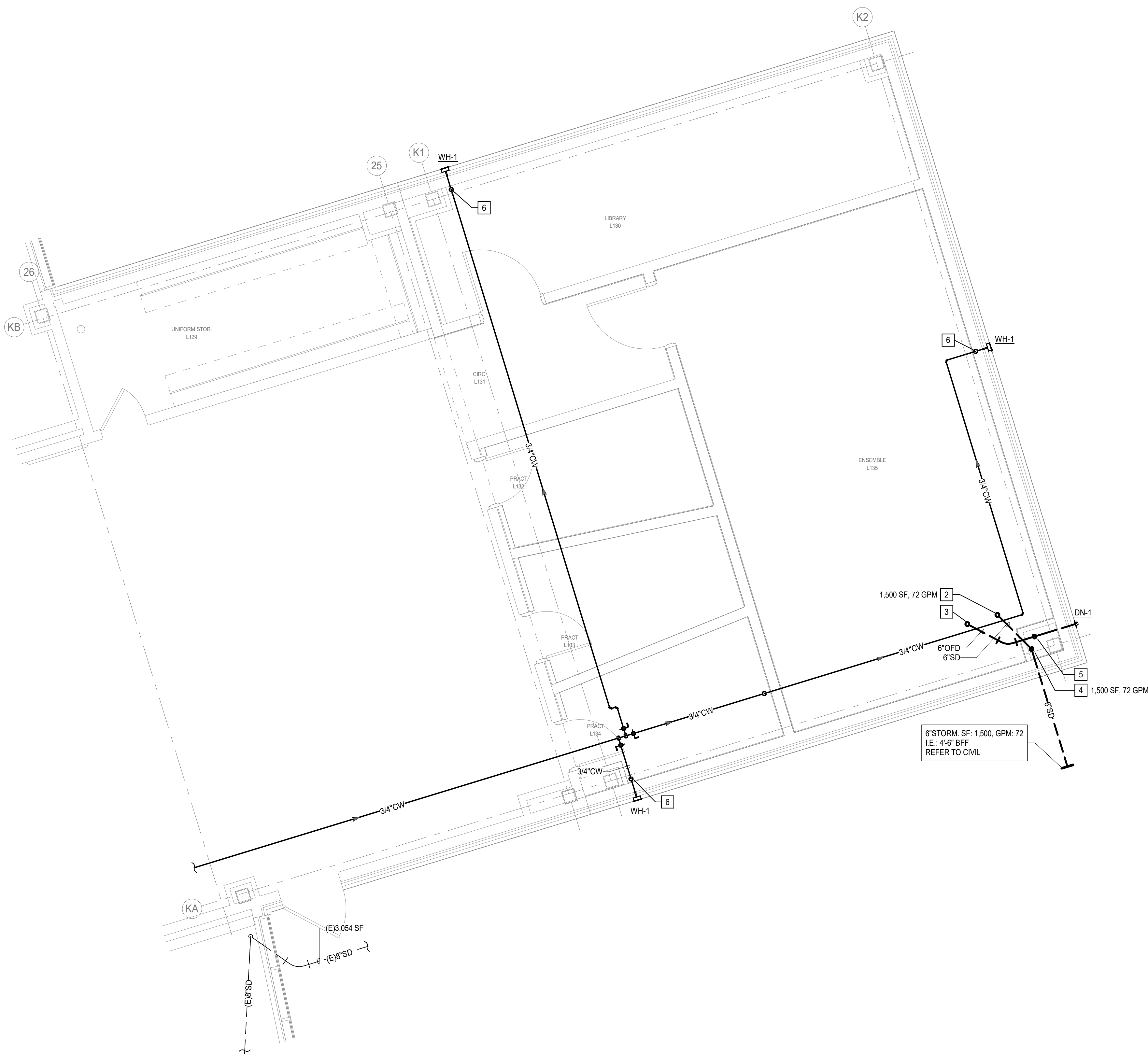
- 1 EXISTING PLUMBING FIXTURE TO BE REMOVED AND DISCARDED. EXISTING UTILITIES TO BE REUSED.
- 2 6" STORM FROM ABOVE.
- 3 6" OVERFLOW FROM ABOVE.
- 4 6" STORM DOWN.
- 5 6" OVERFLOW DOWN TO DOWNSPOUT NOZZLE.
- 6 3/4" COLD WATER DOWN TO SERVE PLUMBING FIXTURE(S).



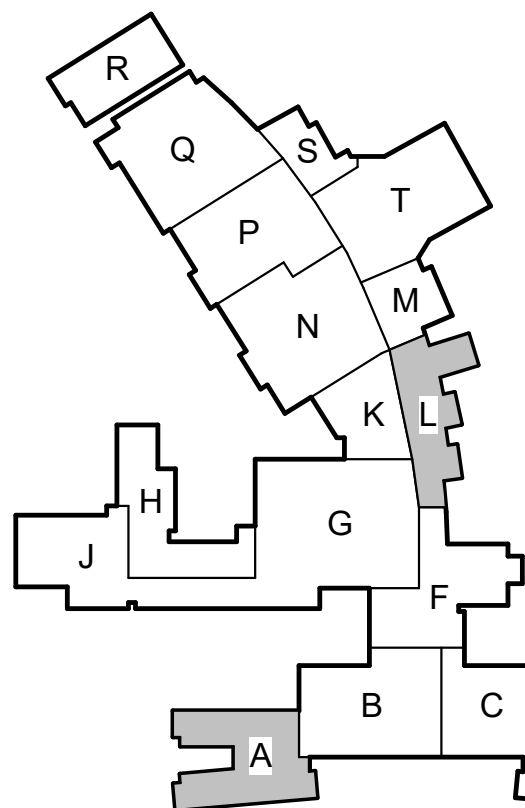
2 PLUMBING ENLARGED PLAN - LEVEL 1 - IDF A 132, CUST A 113
Scale: 1/4" = 1'-0"



1 PLUMBING ENLARGED DEMOLITION PLAN - LEVEL 1 - IDF A132, CUST A113
Scale: 1/4" = 1'-0"



3 PLUMBING ENLARGED PLAN - LEVEL 1 - ENSEMBLE L135, PRACTICE L132, L133. + L134
Scale: 1/4" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

Revision /

Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

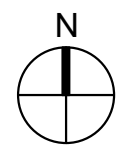
Salas O'Brien
Houston
10933 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00

Bradley Kalmans
BRADLEY KALMANS
80219
REGISTERED
08/18/2025

Huckabee
www.huckabee-inc.com
800.887.1229

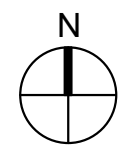
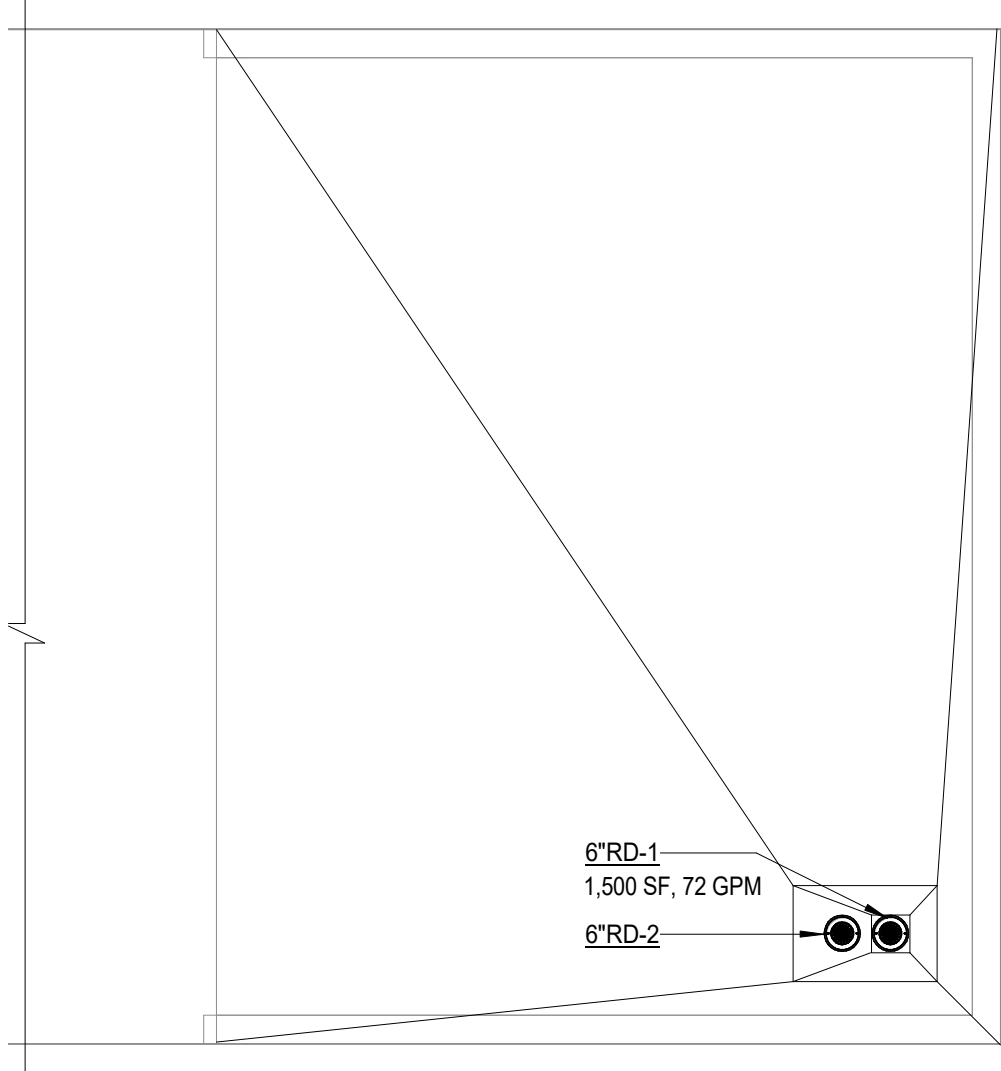
PLUMBING ENLARGED PLANS

Job No. 01818-07-01	Sheet No.
Drawn By: YU	P2.02
Date: 06/18/2025	



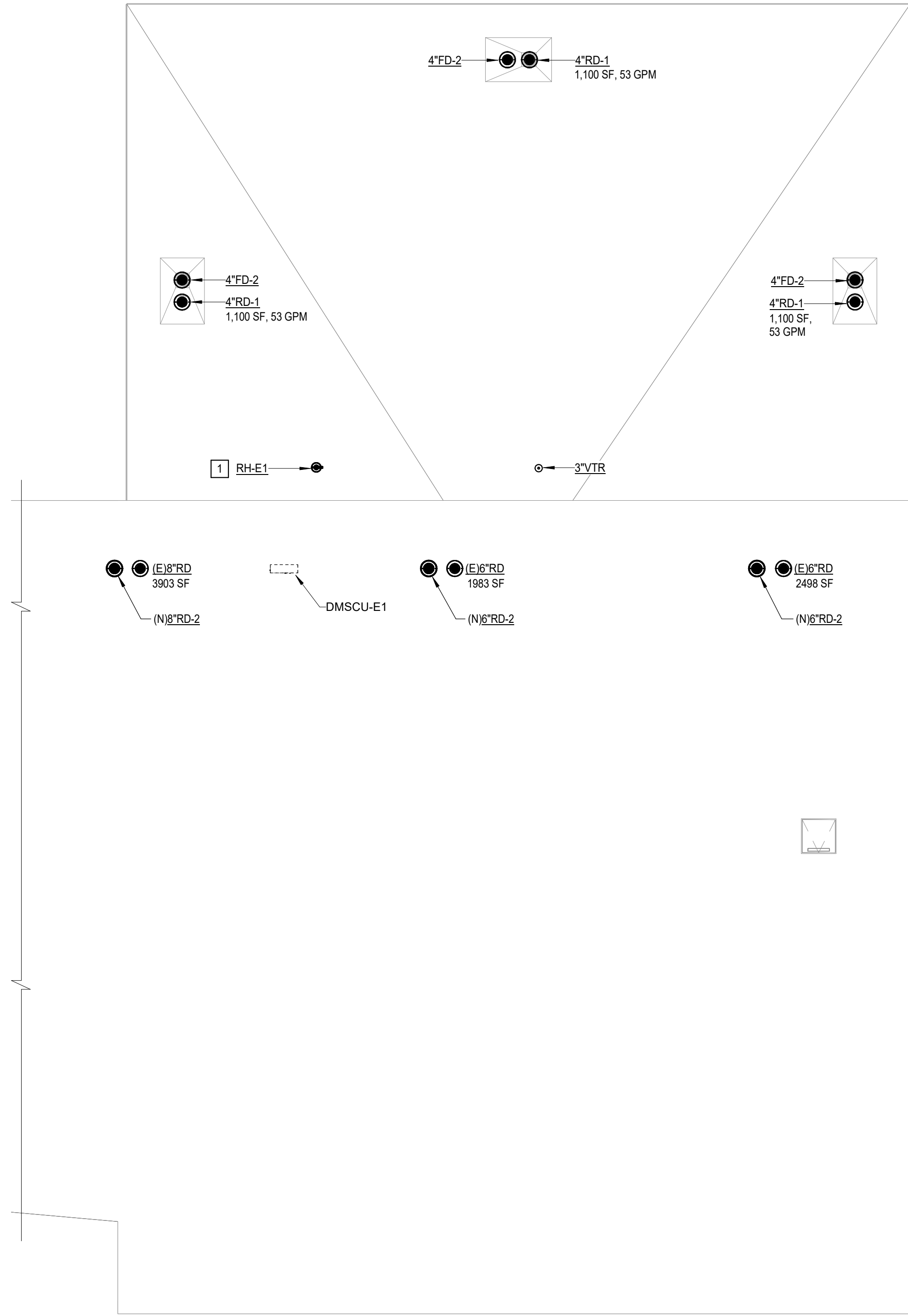
2

PLUMBING ENLARGED ROOF PLAN - AREA L
Scale: 1/8" = 1'-0"



1

PLUMBING ENLARGED ROOF PLAN - AREA E
Scale: 1/8" = 1'-0"



PLUMBING GENERAL NOTES:

1. STORM SIZING IS BASED ON 4.5" PER HOUR RAINFALL.
2. UNLESS OTHERWISE SHOWN ON PLUMBING DRAWINGS, REFER TO ARCHITECTURAL PLANS FOR OVERFLOW STORM SYSTEM.
3. (E)ROOF DRAIN AND OVERFLOW SYSTEM TO REMAIN UNLESS NOTED OTHERWISE.

PLUMBING KEYED NOTES:

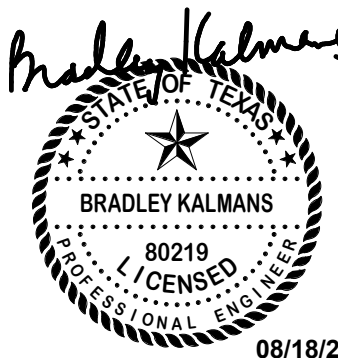
- 1 ROOF MOUNTED HYDRANT, CONNECT 3/4" COLD WATER TO NEAREST 3/4" OR LARGER COLD WATER PIPE IN CEILING PLENUM BELOW. FOR FIXTURE INFORMATION REFER TO PLUMBING FIXTURE SCHEDULE.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Houston
10950 W. Sam Houston Pkwy North, Suite 600
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00

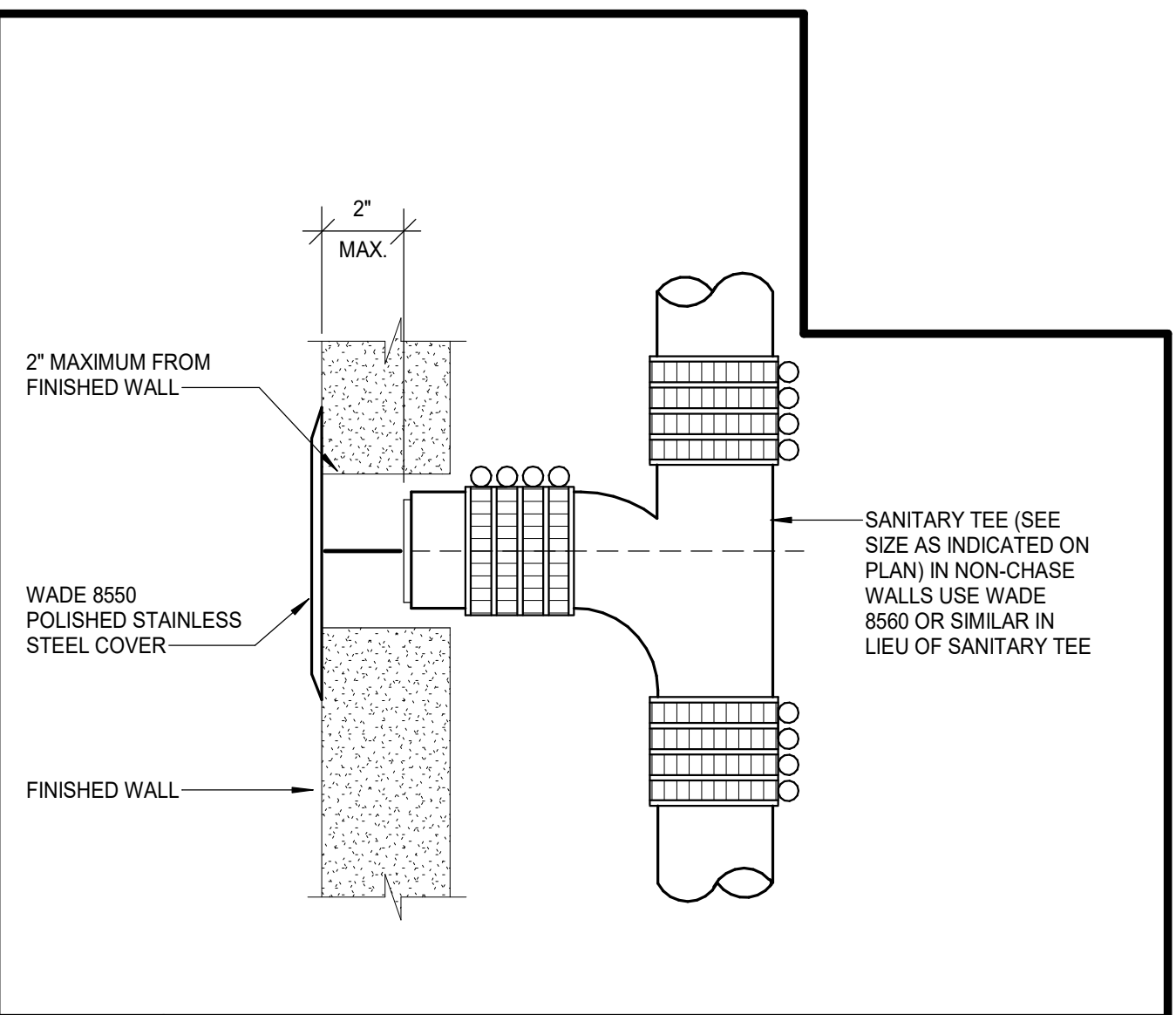


PLUMBING ENLARGED
ROOF PLANS

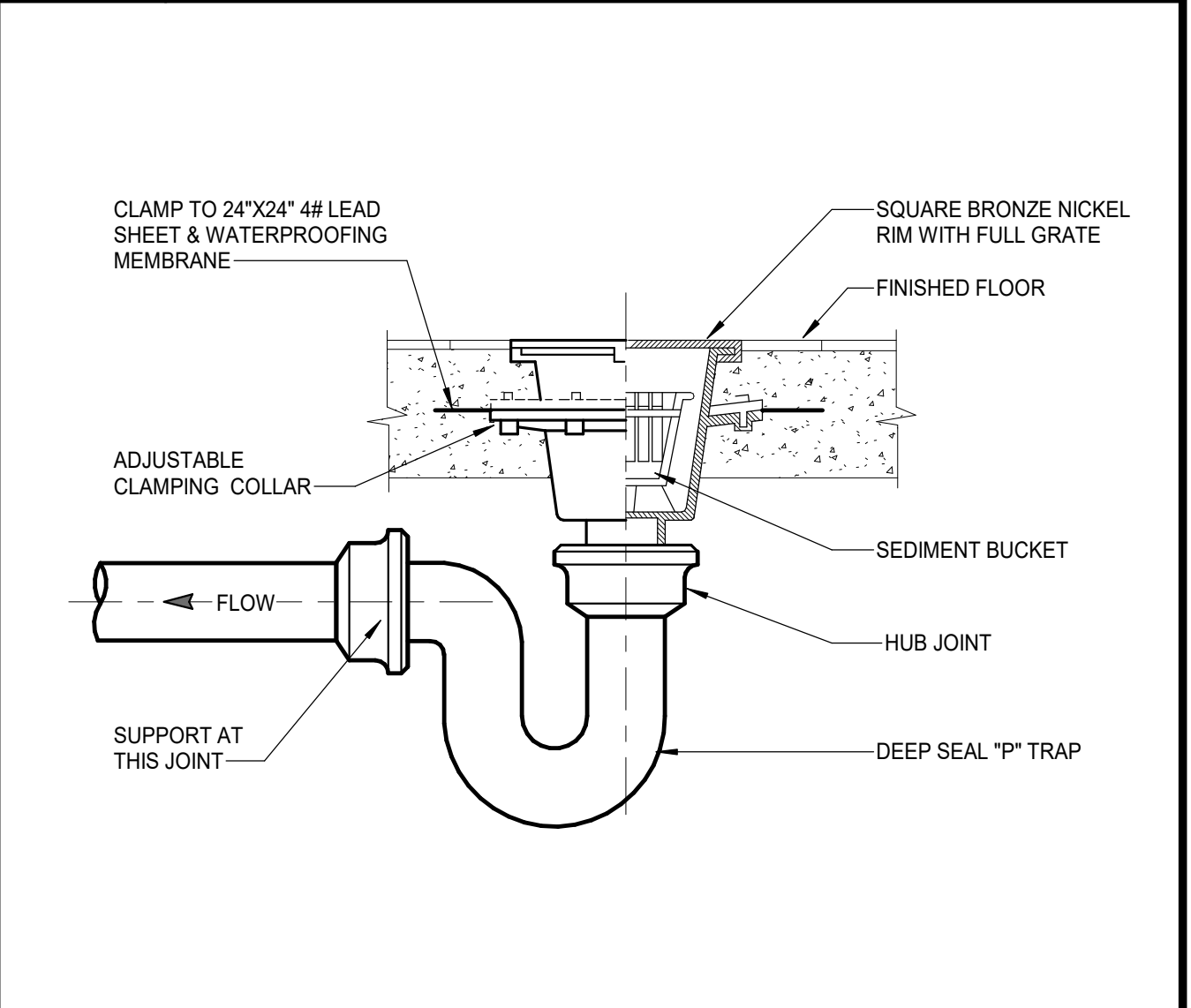
Job No.
01818-07-01
Drawn By:
VU
Date:
08/18/2025

Sheet No.

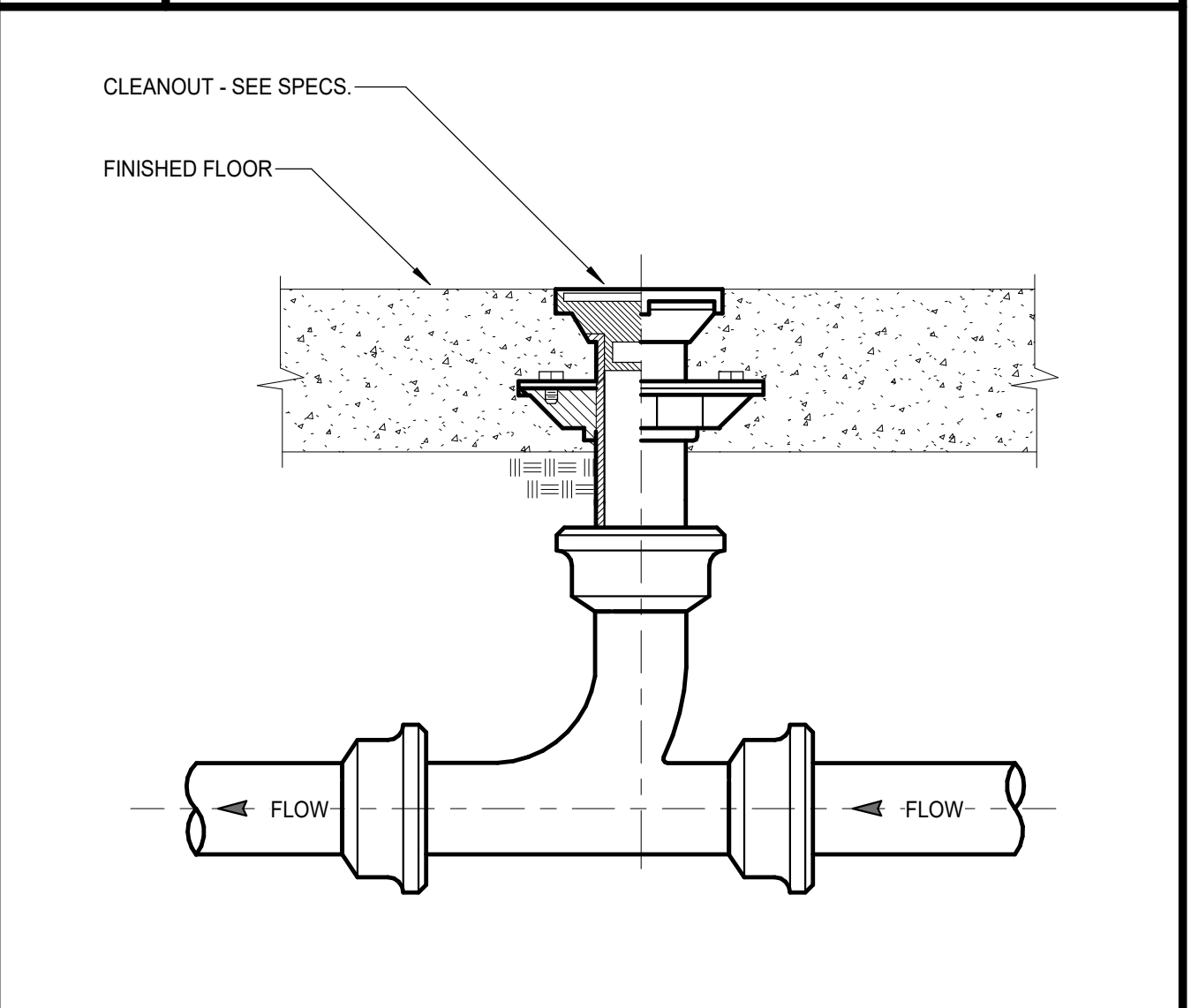
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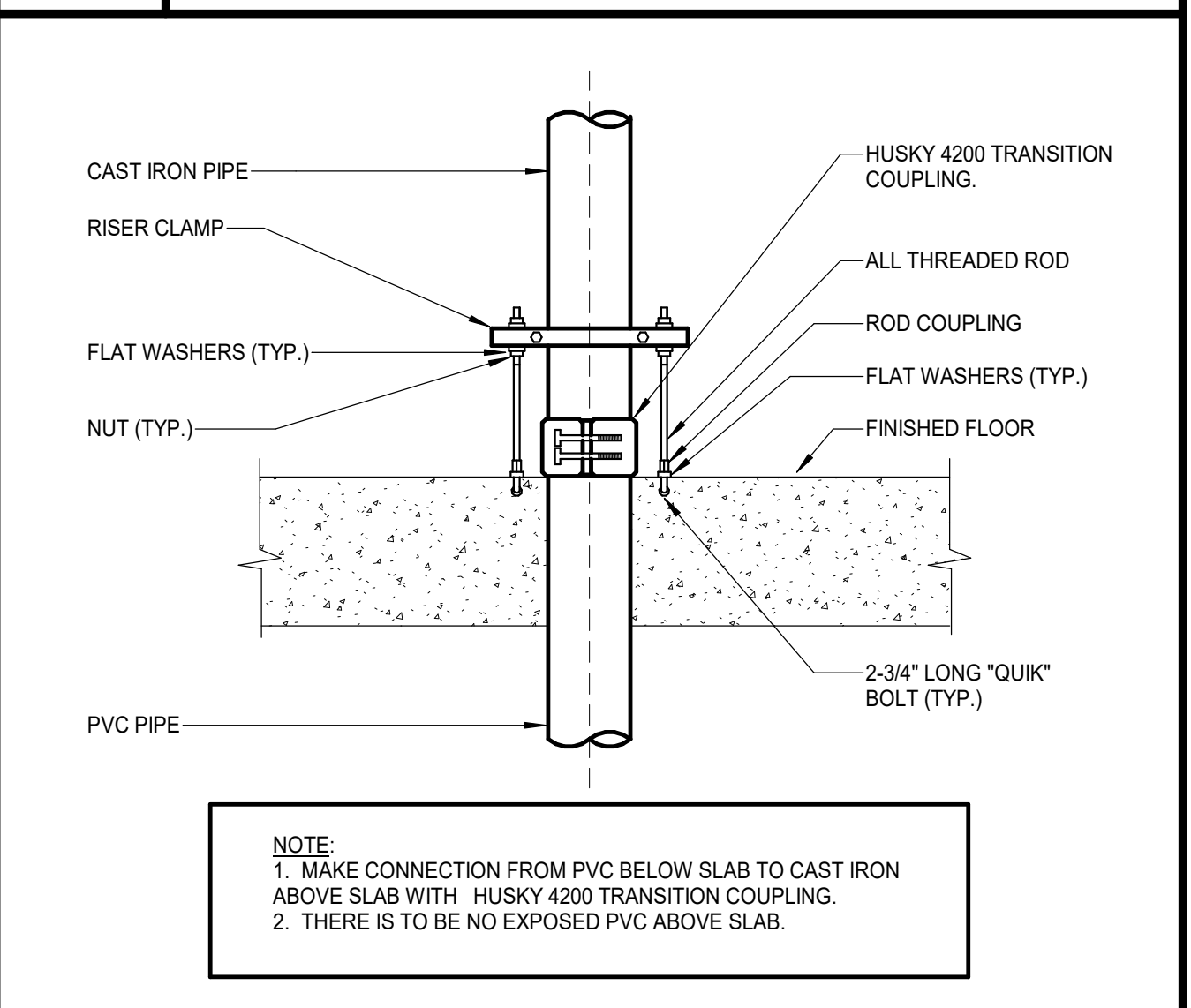
4 WALL CLEANOUT - TYPICAL
SCALE: NONE



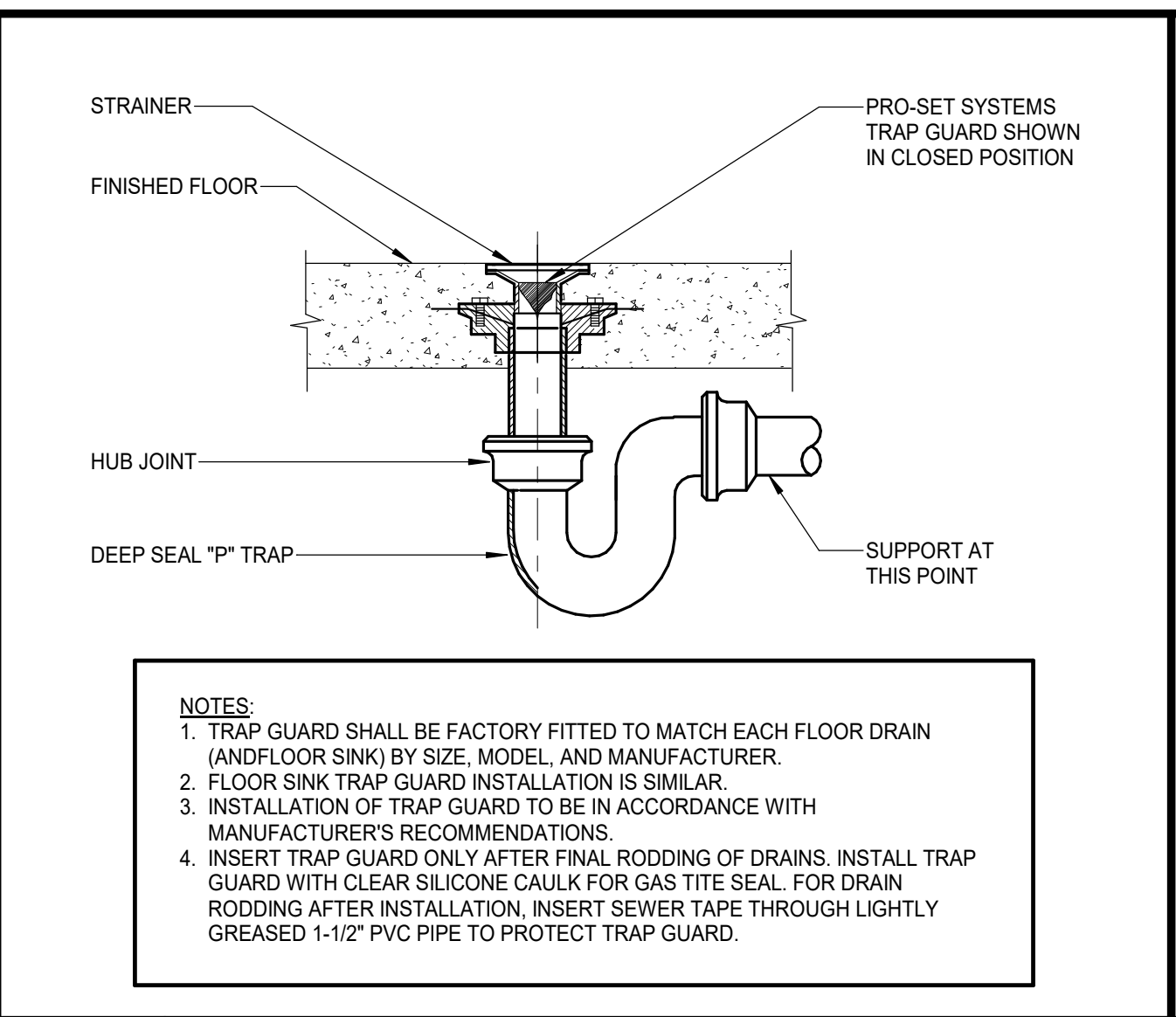
3 FLOOR SINK -TYPICAL
SCALE: NONE



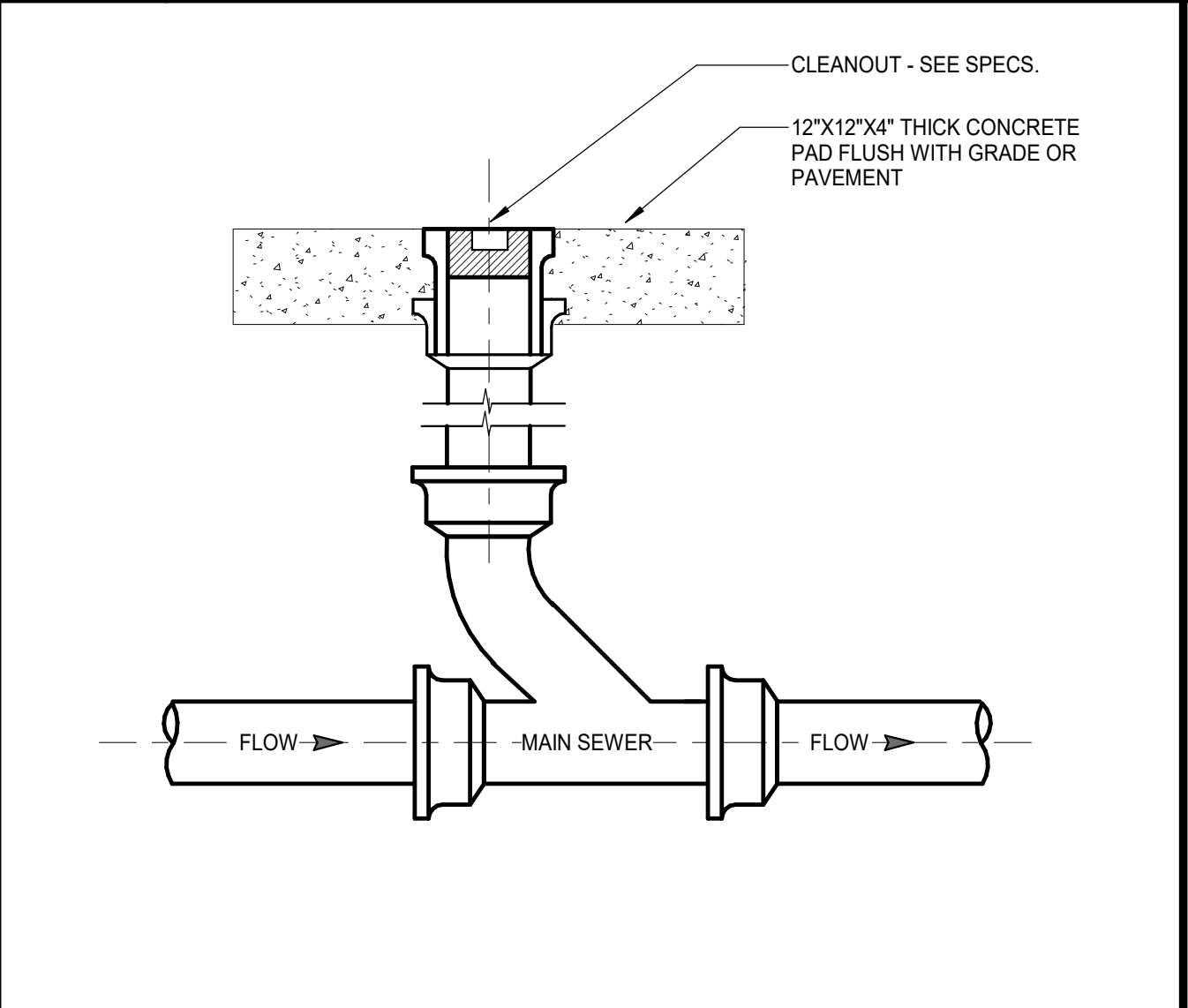
2 FLOOR CLEANOUT - TYPICAL
SCALE: NONE



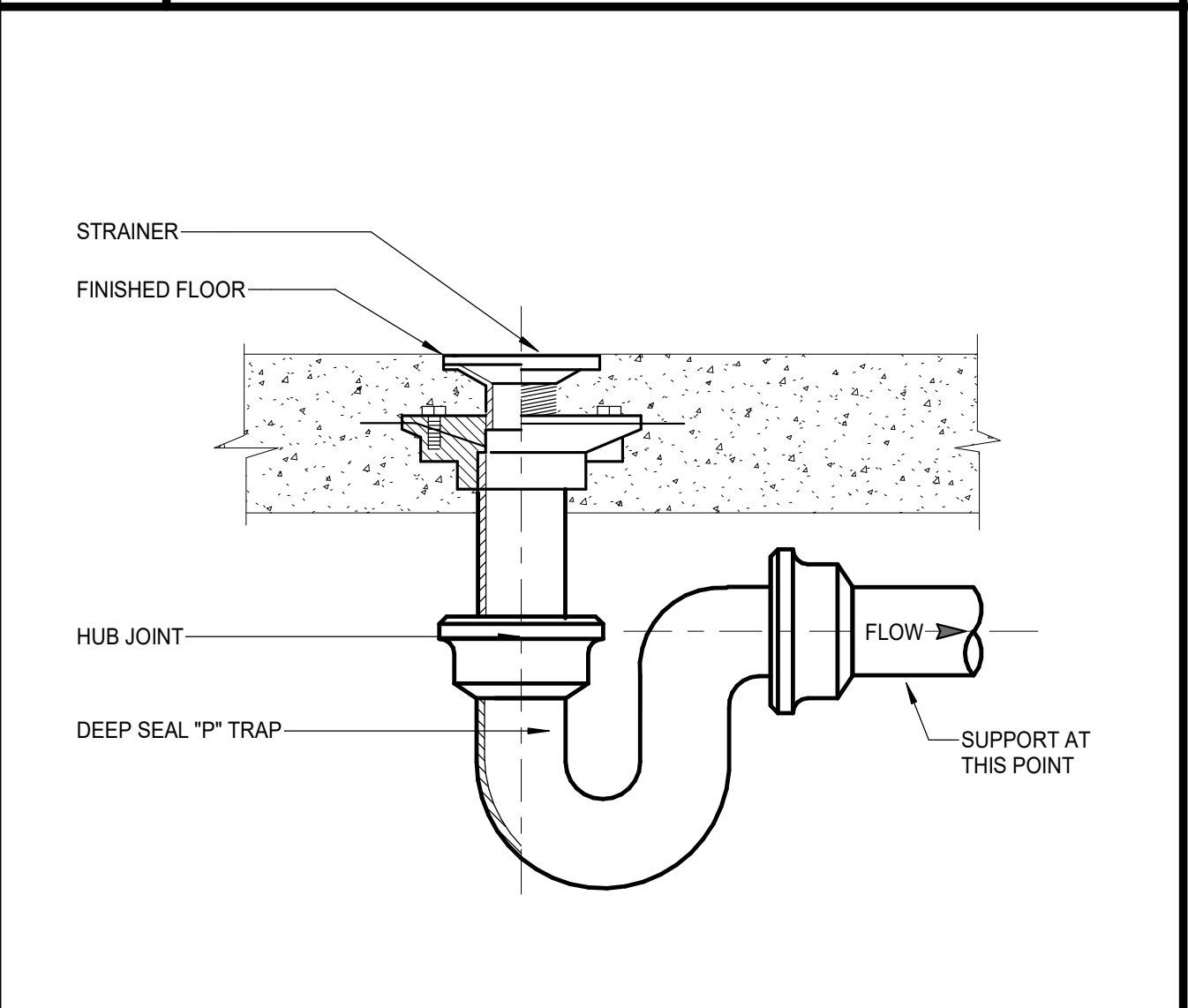
1 CAST IRON TO PVC TRANSITION
SCALE: NONE



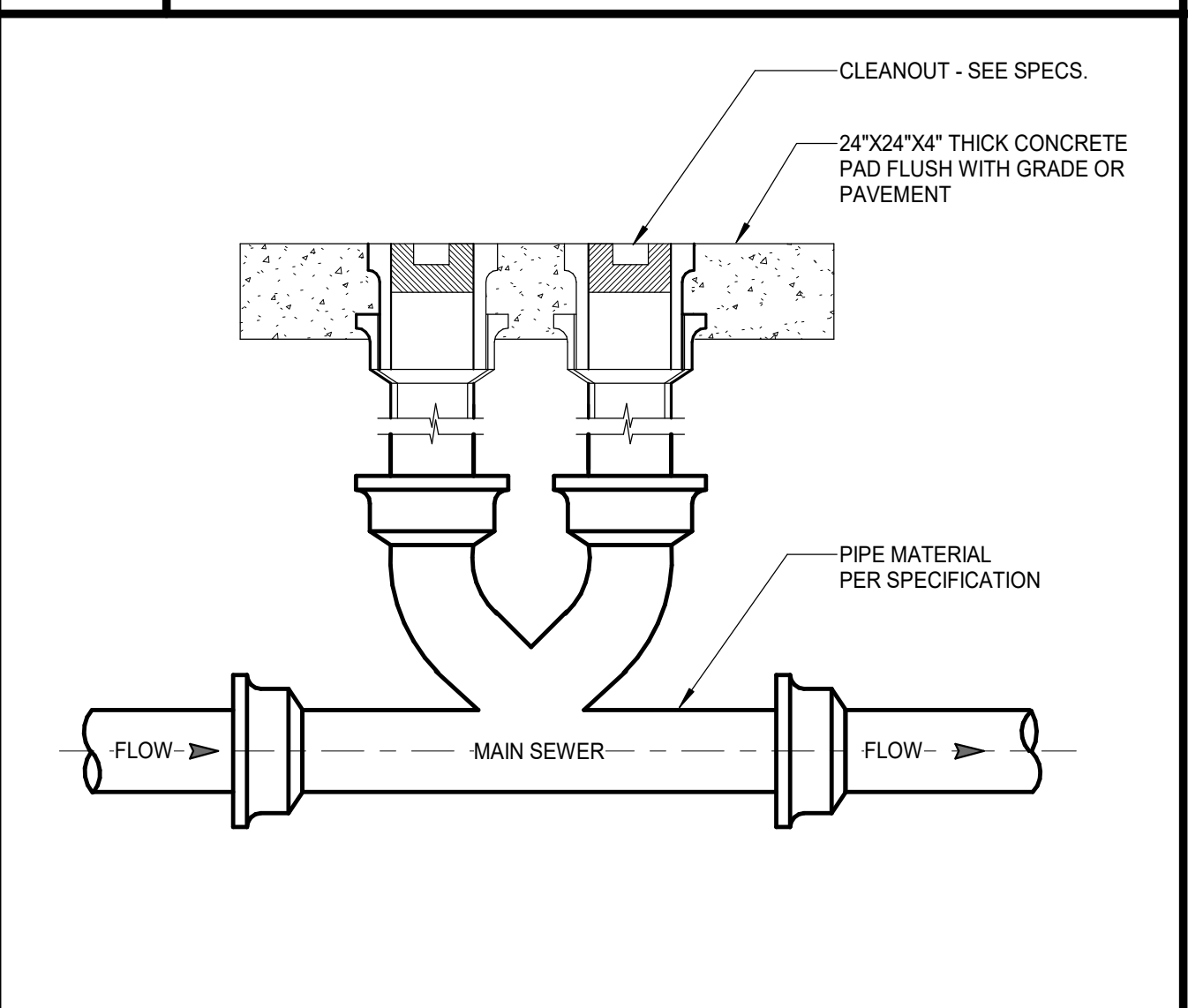
8 TRAP SEAL PROTECTION
SCALE: NONE



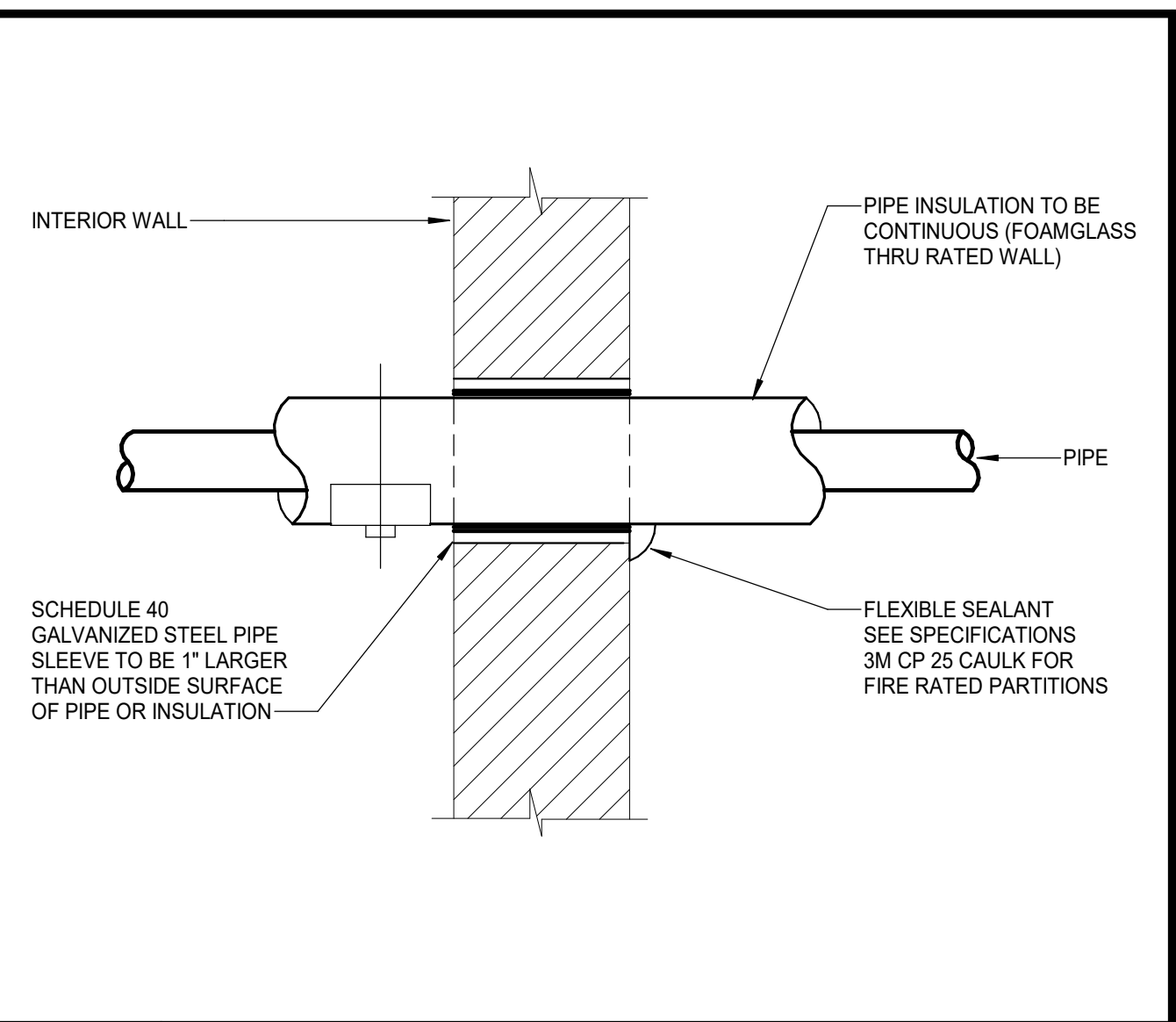
7 EXTERIOR CLEANOUT - TYPICAL
SCALE: NONE



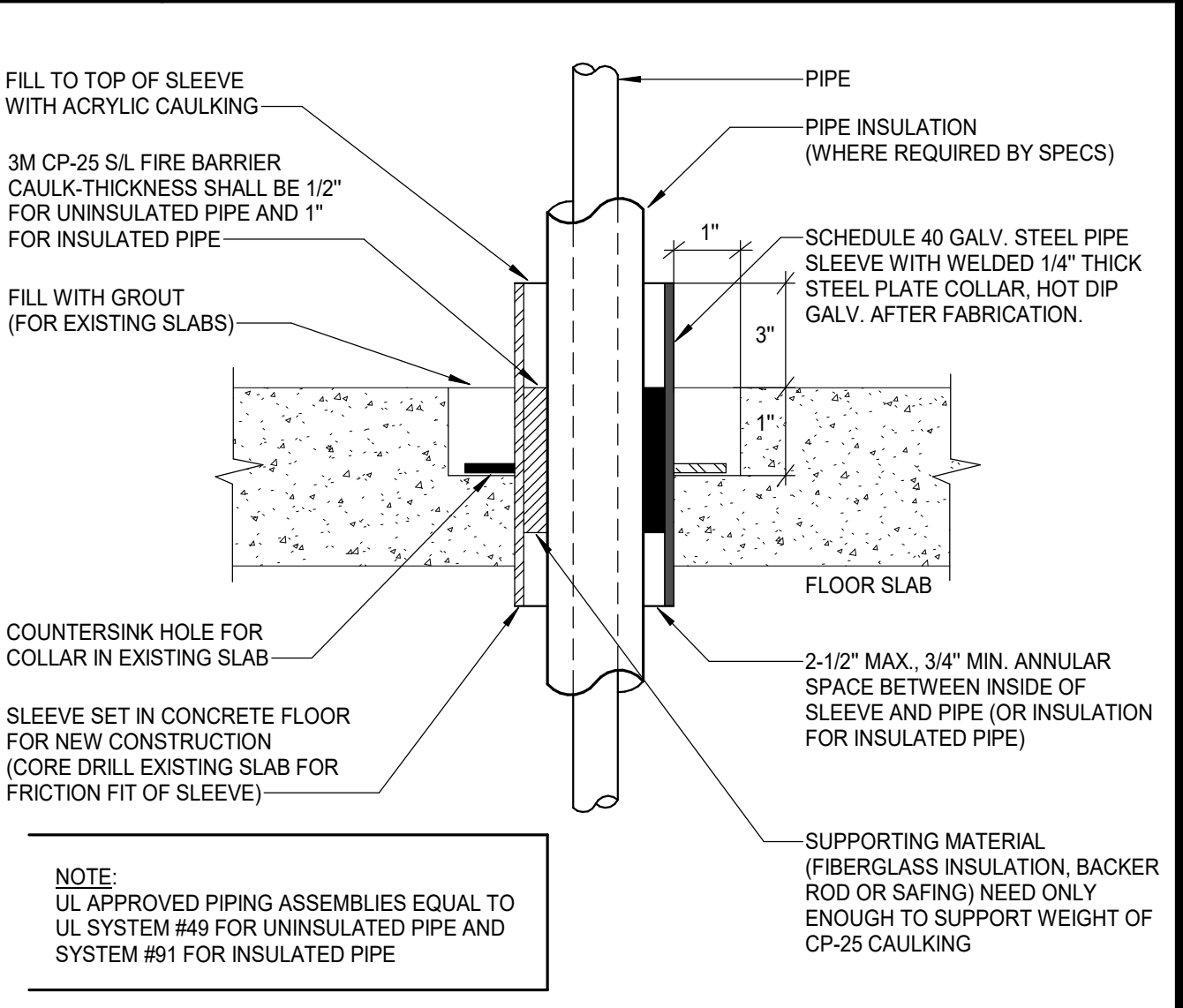
6 FLOOR DRAIN - TYPICAL
SCALE: NONE



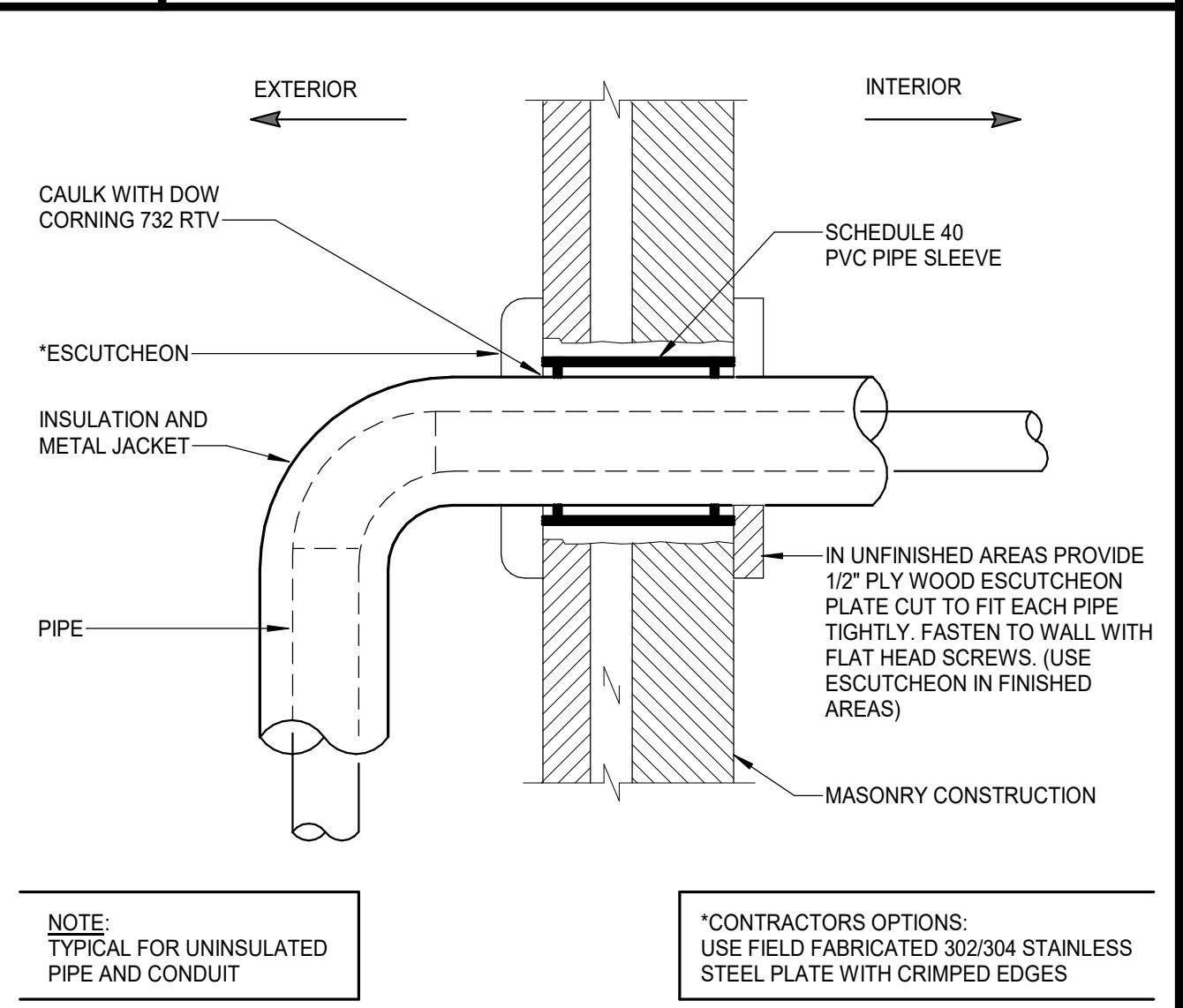
5 TWO-WAY EXTERIOR CLEANOUT - TYPICAL
SCALE: NONE



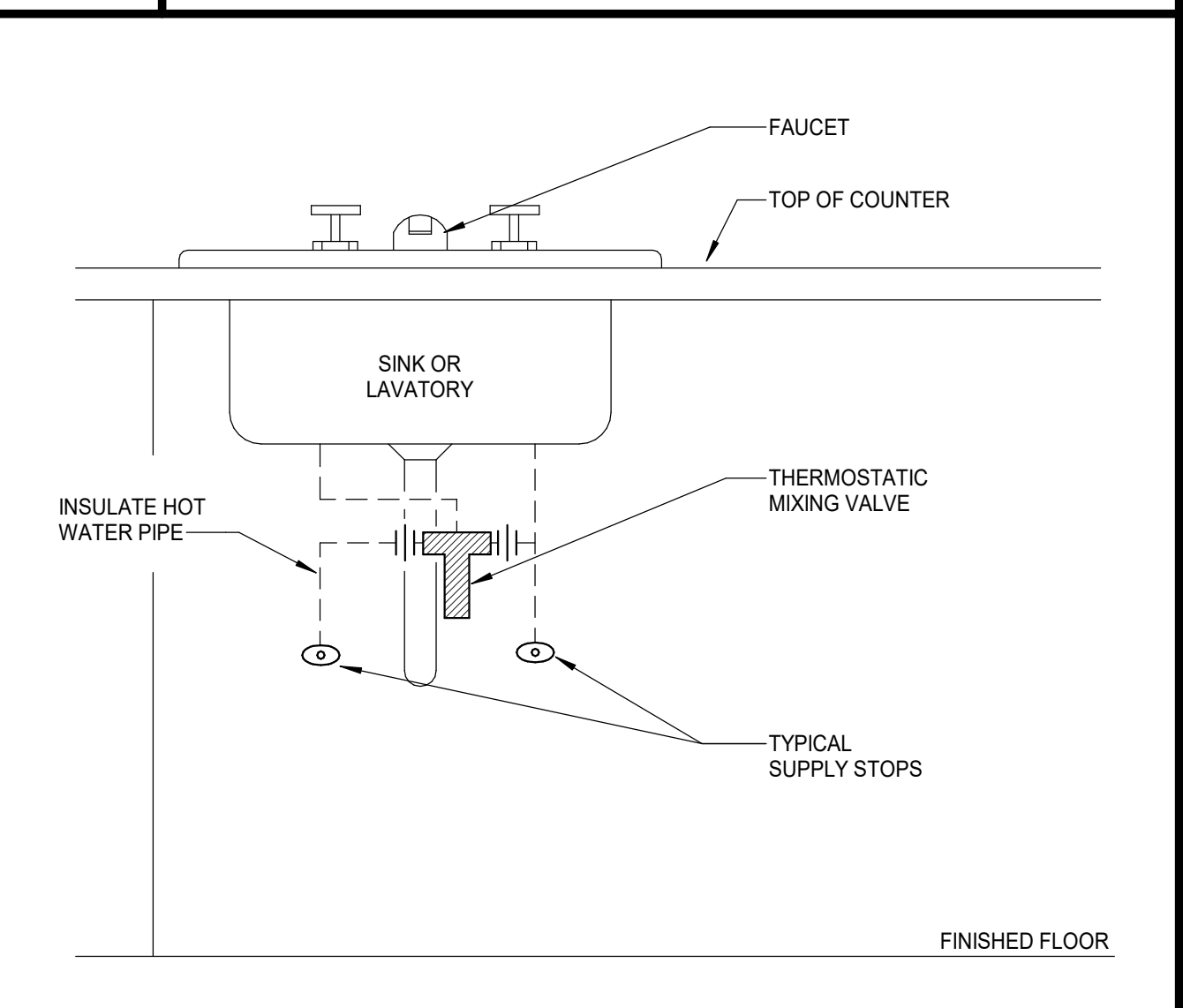
12 INTERIOR WALL PENETRATION
SCALE: NONE



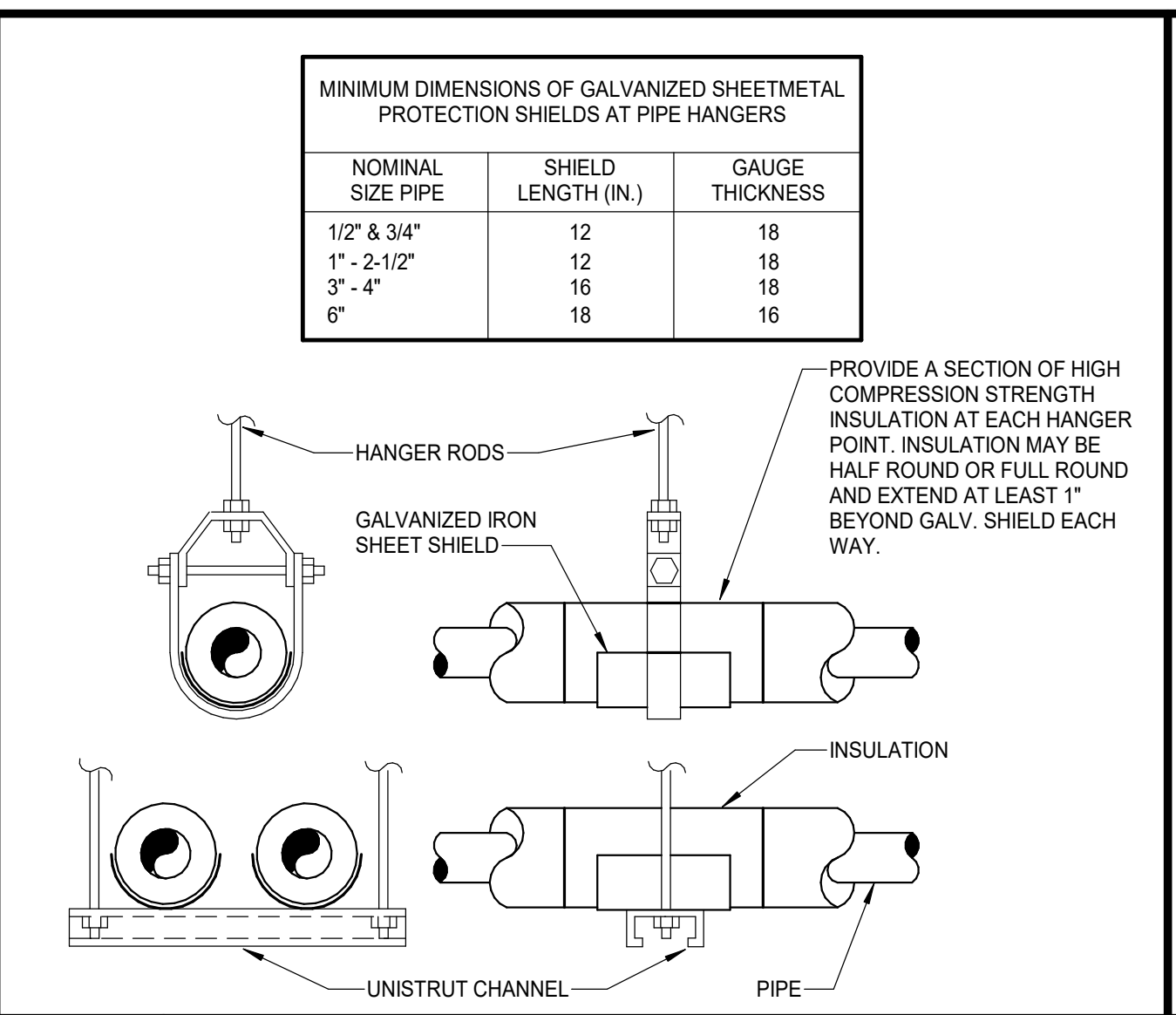
11 INTERIOR FLOOR PENETRATION
SCALE: NONE



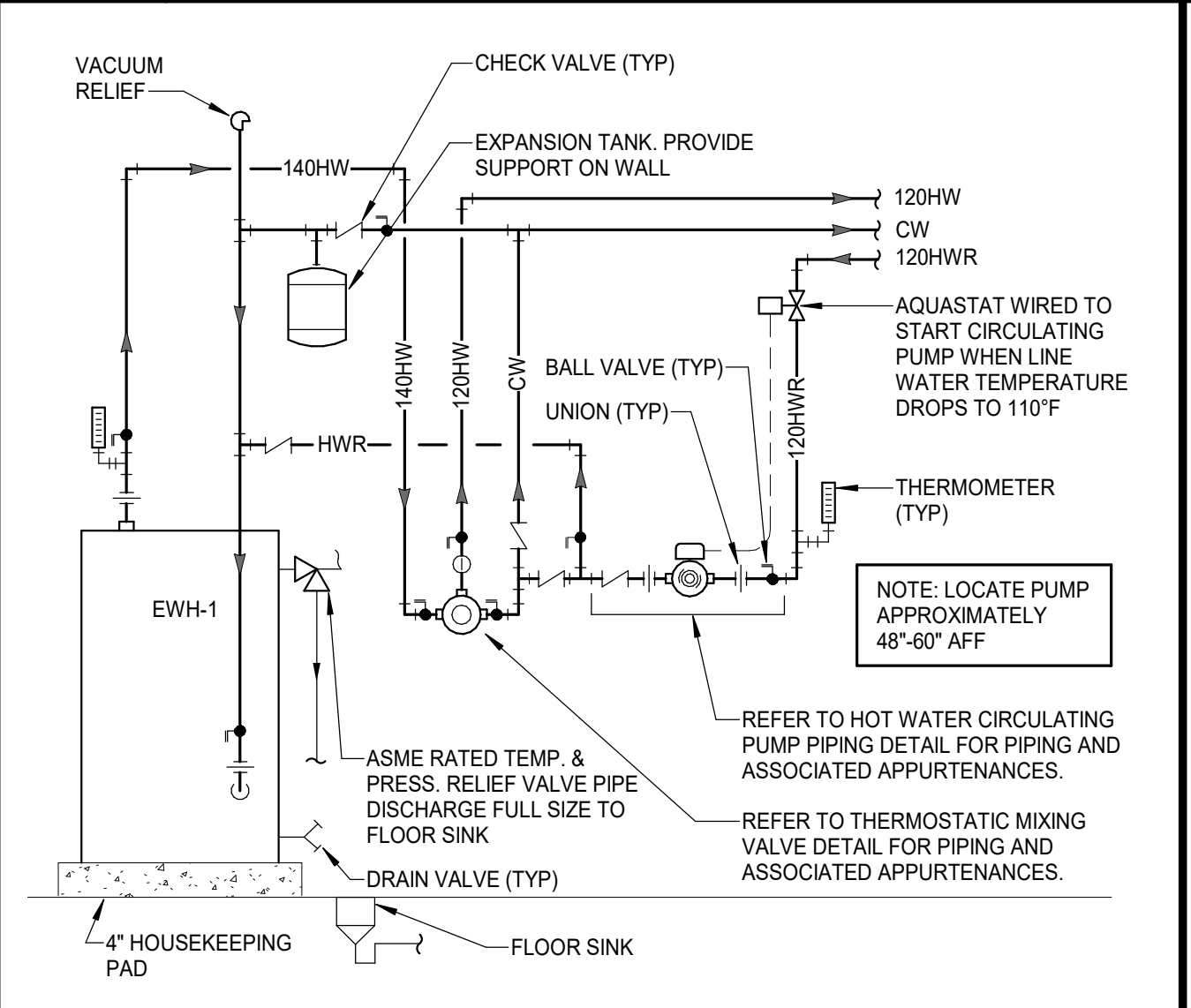
10 EXTERIOR WALL PENETRATION
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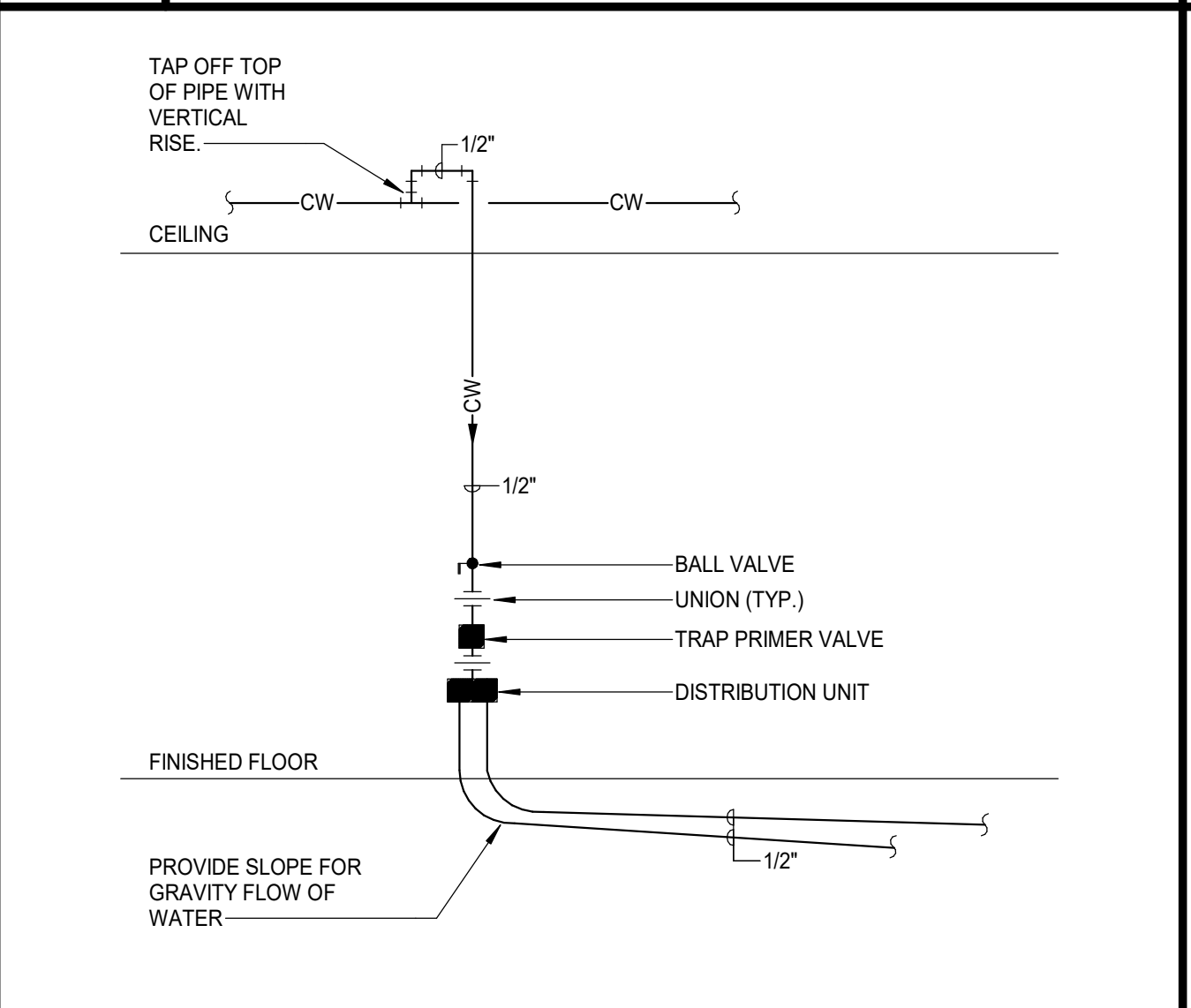
9 MIXING VALVE @ DUAL TEMPERATURE SINK
SCALE: NONE



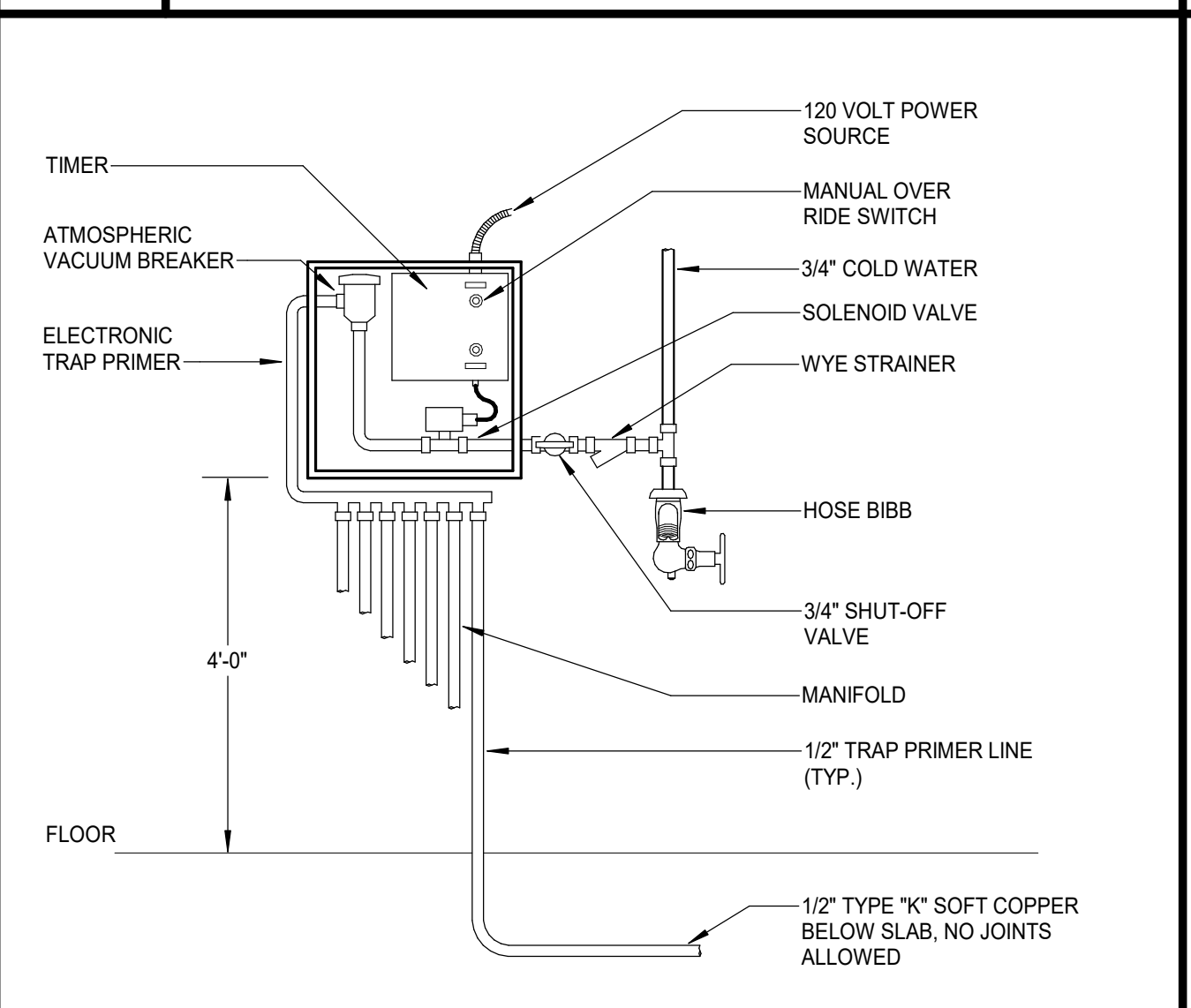
16 PIPE SHIELDS FOR INSULATED PIPING
SCALE: NONE



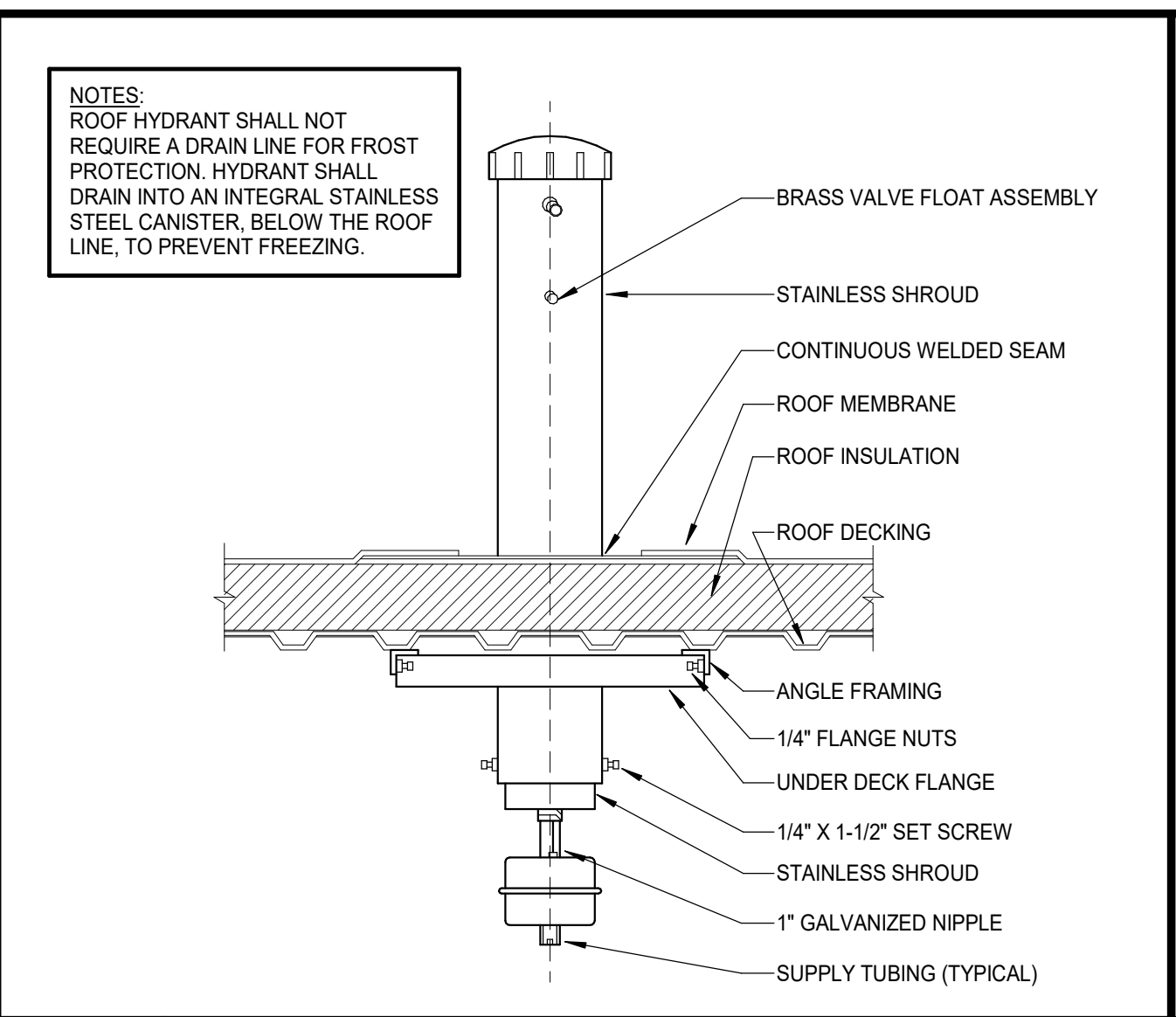
15 DOMESTIC SINGLE ELECTRIC WATER HEATER
SCALE: NONE



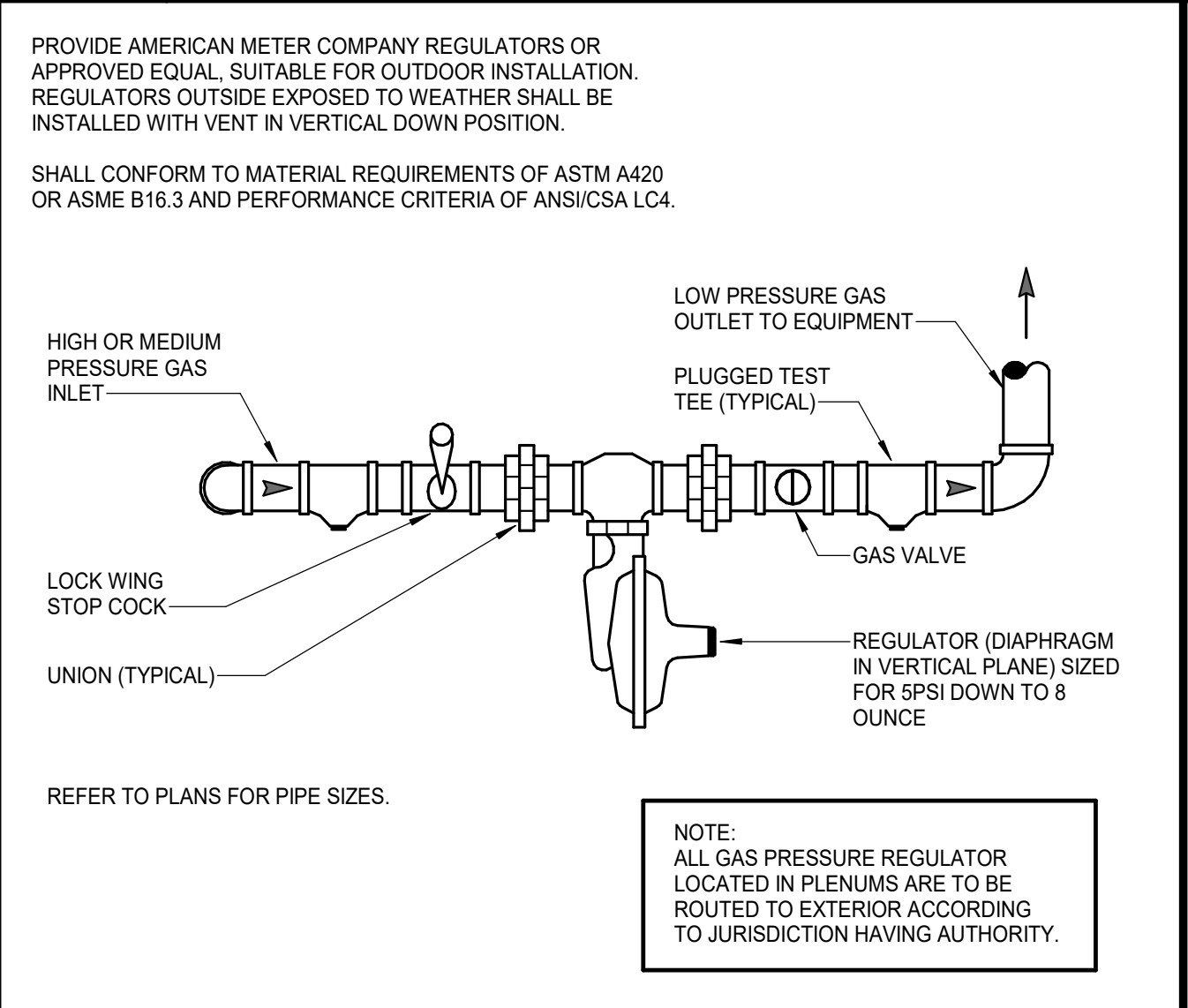
14 ELECTRONIC TRAP PRIMER - CUSTODIAL
SCALE: NONE



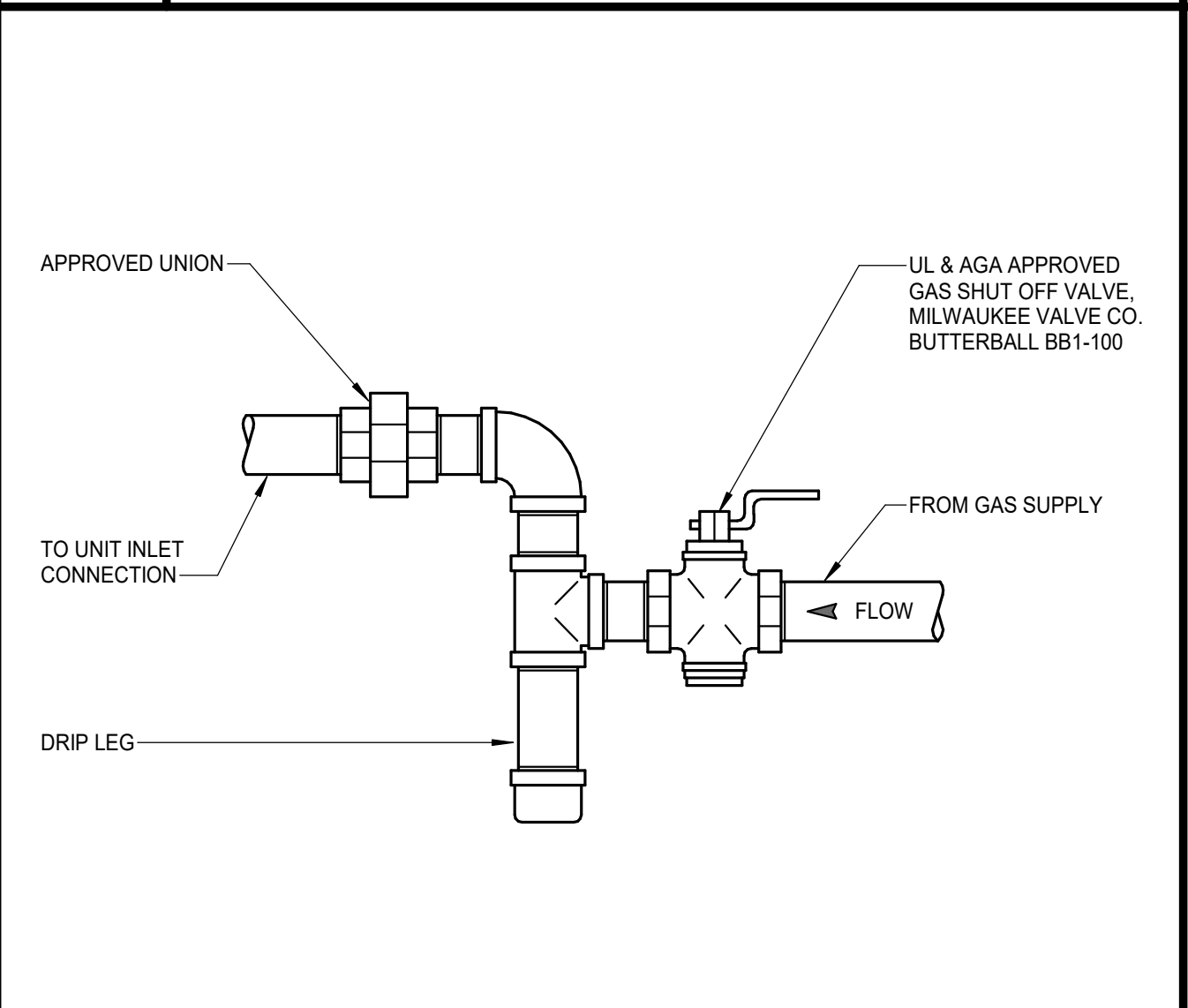
13 ELECTRONIC TRAP PRIMER
SCALE: NONE



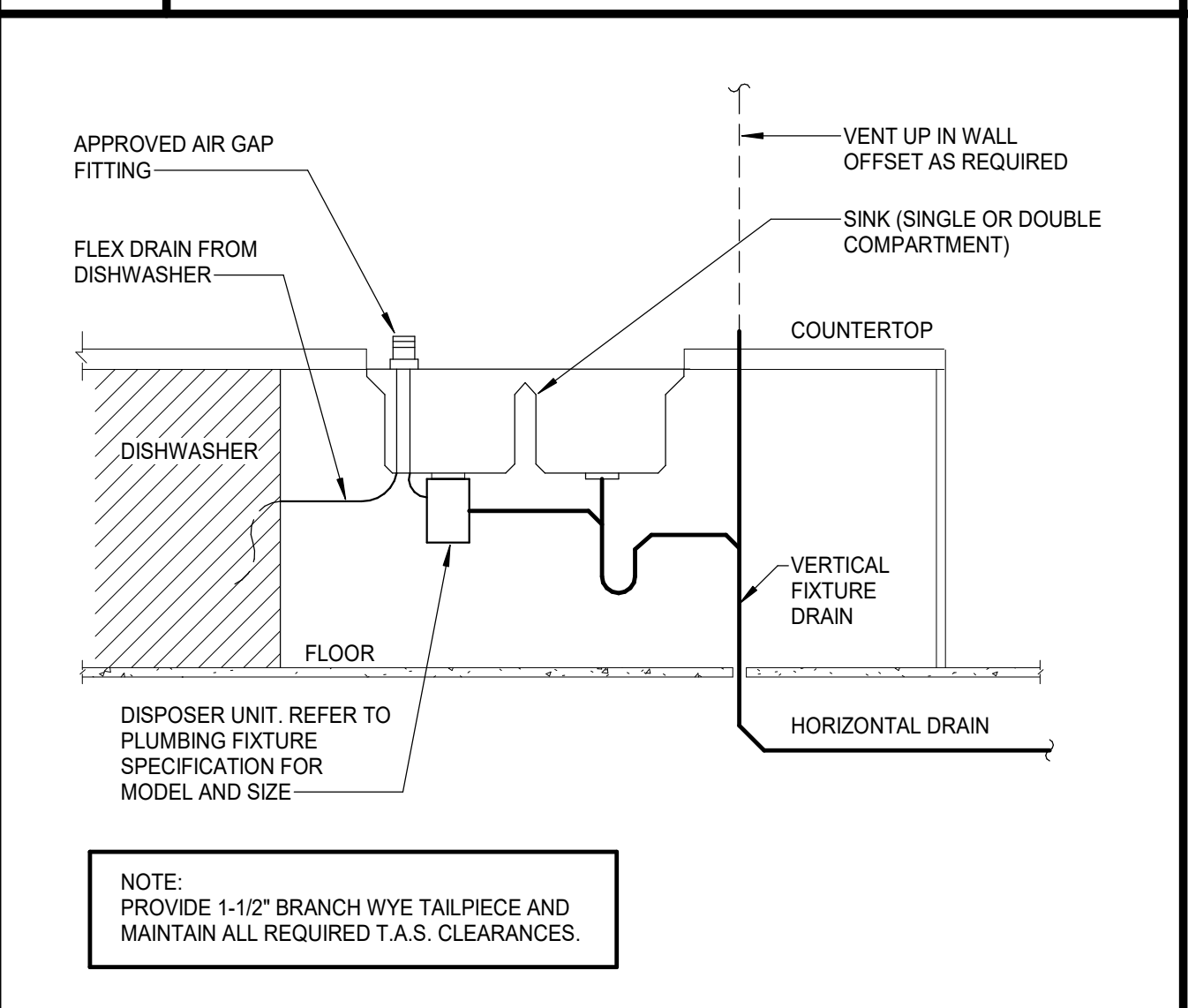
20 VENTURI ROOF HYDRANT - FREEZE-PROOF
SCALE: NONE



19 GAS PRESSURE REGULATOR INSTALLATION
SCALE: NONE



18 GAS CONNECTION
SCALE: NONE



17 DISHWASHER CONNECTION WITH DISPOSER
SCALE: NONE

PLUMBING PIPING LEGEND

SYMBOLS	DESCRIPTION
	SANITARY OR WASTE PIPING ABOVE GRADE (SAN)
	SANITARY OR WASTE PIPING BELOW GRADE (SAN)
	GREASE WASTE PIPING (GW)
	GREASE WASTE PIPING BELOW GRADE (GW)
	STORM DRAIN PIPING (SD)
	STORM DRAIN PIPING BELOW GRADE (GW)
	SUB-SOIL DRAIN OR FOOTING DRAIN (SSD)
	ACID WASTE PIPING (AW)
	ACID WASTE PIPING BELOW GRADE (AW)
	PUMPED DISCHARGE (PD)
	CONDENSATE DRAIN PIPING (CD)
	CONDENSATE - INDIRECT DRAIN PIPING (D)
	VENT PIPING (V)
	COLD WATER PIPING (CW)
	HOT WATER PIPING (HW)
	HOT WATER RETURN PIPING (HWR)
	SOFT COLD WATER PIPING (SCW)
	CHILLED DRINKING WATER PIPING (CDW)
	TRAP PRIMER LINE (TP)
	FIRE PROTECTION PIPING (F)
	AUTOMATIC SPRINKLER PIPING (AS)
	NATURAL GAS PIPING (G)
	GAS VENT PIPING (GV)
	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
	REFER TO KEYED NOTE
	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
	ACCESS PANEL LOCATION SYMBOL
	SHOCK ABSORBER
	AIR CHAMBER
	EXISTING
	NEW
	VENT THRU ROOF
	BELOW FINISHED FLOOR
	ABOVE FINISHED FLOOR
	NEW CONNECTION
	INVERT ELEVATION
	DELTA CHANGE SYMBOL
	4" VTR
	RISER FLAG

PLUMBING GENERAL DEMOLITION NOTES:

1. IT IS IMPRACTICAL DUE TO THE STREET SEWER, STRUCTURAL FEATURES AND ARRANGMENT OF BUILDING TO OBTAIN A SLOPE OF 1/4" PER FOOT PIPING @ THRU 6" SHALL HAVE A SLOPE OF 1/8" PER FOOT BELOW BUILDING TO 5'-0" OUTSIDE OF BUILDING.
2. REFER TO ARCHITECTS DRAWING FOR EXACT LOCATION OF FLOOR DRAINS.
3. DO NOT SCALE THE PLUMBING DRAWINGS. REFER TO THE DIMENSIONED ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL DATA.
4. SAWCUT EXISTING SLAB AS REQUIRED TO INSTALL NEW PIPING BELOW FLOOR SEAL AND PATCH FLOOR TO MATCH SURROUNDING COMPLETION.

PLUMBING GENERAL RENOVATION 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 UNDOUBTED 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 UTILITIES 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 INSTALLATION. 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 RODED 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-IN.
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 THE INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER APPLICABLE 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 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.
17. CONTRACT DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION, AND WHEN AVAILABLE, EXISTING RECORD DRAWINGS. CONTRACTOR SHALL VERIFY AT SITE EXACT LOCATIONS, AND SIZES OF EXISTING PIPING. REPORT DISCREPANCIES TO ARCHITECT BEFORE DISTURBING EXISTING INSTALLATION, AND IMMEDIATELY AFTER SUCH DISCREPANCIES ARE DISCOVERED. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND FIELD OBSERVATIONS AS EVIDENCE TO MEET THE INTENT OF THE DRAWINGS AND CONDITIONS AND DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
18. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTAL OF BID TO DETERMINE CONDITIONS AFFECTING THE WORK. ANY ITEMS WHICH ARE NOT COVERED IN BID TO DOCUMENTS OR ANY PROPOSED SUBSTITUTIONS SHALL BE LISTED SEPARATELY AND QUALIFIED IN THE CONTRACTORS BID. SHOULD A BID OR SUBMITTAL SERVE AS EVIDENCE TO MEET THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, FAILURE TO VISIT THE SITE DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY IN PERFORMANCE OF WORK.
19. PLUMBING FIXTURES/EQUIPMENT SHOWN ON PLAN THAT ARE NOT IDENTIFIED AND DO NOT HAVE A FIXTURE DESIGNATION ARE EXISTING AND ARE TO REMAIN.
20. ANY OTHER ITEMS NOT REFERENCED WHICH ARE LOCATED IN THE DEMOLISHED SPACE (VENT, WASTE, WATER HEATER, PLUMBING FIXTURE, ETC.) THAT ARE IDENTIFIED OR DISCOVERED DURING DEMOLITION WHICH WILL NOT BE USED FOR THIS PROJECT, SHALL BE DEMOLISHED BACK TO THE MAIN SOURCE OR RISER, AND DEVICES SHALL BE RETAINED TO THE OWNER STORAGE AS DIRECTED BY THE ARCHITECT/OWNER.
21. FIELD VERIFY EXISTING CONDITIONS AND ACTUAL UTILITY USES PRIOR TO FINAL CONNECTIONS. EXISTING DRAWINGS MAY NOT HAVE BEEN AVAILABLE FOR ALL REQUIRED INFORMATION. USE PIPE INSPECTION TO VERIFY FIELD VERIFICATION OF EXISTING SANITARY / GREASE WASTE CONNECTIONS, VERIFY FLOW DIRECTION AND DEPTH PRIOR TO CONNECTION TO EXISTING PLUMBING SYSTEMS.



PLUMBING FIXTURE ROUGH-IN

FIXTURE	SAN	VENT	CW	HW
WATER CLOSET	4"	2"	1"	--
LAVATORY	2"	2"	1/2"	1/2"
SINK	2"	2"	1/2"	1/2"
MOP SINK	3"	2"	1/2"	1/2"
URINAL	2"	2"	3/4"	--

PLUMBING FIXTURE SCHEDULE

TYPE: SERVICE: DESCRIPTION:	SK-1 (NON COMPLAINT) DIGITAL ART G154 SINK COUNTER MOUNTED SELF-RIMMING 18 GAUGE TYPE 304 STAINLESS STEEL DECK 22" X 19" X 10-18" DEEP SINGLE COMPARTMENT WITH FAUCET DECK THREE FAUCET HOLES ON 4" CENTERS ELKARAZD21910	TYPE: DESCRIPTION:	R-D1 ROOF DRAIN CAST IRON BODY WITH FLANGE FLASHING RING WITH GRAVEL STOP ALUMINUM DOWN SPOUT HIGH WATER DAM BEARING PAN UNDERDECK CLAMP AND ADJUSTABLE EXTENSION AS REQUIRED FOR ROOF CONSTRUCTION WADE #600U-46-SZ-53 FOR 8" AND SMALLER WADE #300UL-46-SZ-53 FOR 10" AND LARGER REFER TO FLOOR PLANS FOR SIZES.
FAUCET:	CHROME PLATED BRASS DECORATIVE BURNISHED CHROMIUM FINISH GOOSENECK SPOUT AND 4" VANDAL PROOF WRISTBALE HANDLES CERAMIC 1/4-TURN OPERATING CARTRIDGES 1.5 GPM AERATOR. CHICAGO MODEL #110D-BRHS7-17X48	ROUGH-IN:	
MIXING VALVE:	ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE BRASS BODY INTEGRAL CHECK VALVES VANDAL RESISTANT LEAD FREE .3% COMPRESSION CONNECTIONS WAS FILLED THERMAL CARTRIDGE AND MOUNTING BRACKET SYMMONS #82100K AND 40 3/8" COMPRESSION FITTING TO ALLOW WATER BYPASS FOR HOT AND COLD SUPPLY FAUCET. (108 F)	TYPE: DESCRIPTION:	R-D2 OVERFLOW ROOF DRAIN CAST IRON BODY WITH FLANGE FLASHING RING WITH GRAVEL STOP ALUMINUM DOWN SPOUT HIGH WATER DAM BEARING PAN UNDERDECK CLAMP AND ADJUSTABLE EXTENSION AS REQUIRED FOR ROOF CONSTRUCTION WADE #600U-46-SZ-53 FOR 8" AND SMALLER WADE #300UL-46-SZ-53 FOR 10" AND LARGER REFER TO FLOOR PLANS FOR SIZES.
STRAINER:	CHROME PLATED WROUGHT BRASS 4-1/2" WIDE GRID SINK STRAINER 1-1/4" 17 GAUGE CHROME PLATED BRASS TAIPICE MCQUIRE #152 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE MCQUIRE #B9172	ROUGH-IN:	
P-TRAP:	1-1/2" I.P.S. X 3/8" O.D CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCQUIRE #2165LK	TYPE: DESCRIPTION:	DN-1 OVERFLOW DOWNSPOUT NOZZLE WITH HINGED COVER FABRICATED STAINLESS STEEL WITH NO RUB OUTLET AND FLANGE TO SECURE NOZZLE TO WALL INSTALL AT 12" ABOVE FINISHED SLAB OR AS DIRECTED BY ARCHITECT.
SUPPLIES:	2" WASTE 2" VENT 1/2" HOT AND COLD WATER REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.	ROUGH-IN:	WADE #394-VF REFER TO FLOOR PLANS FOR SIZES.
ROUGH-IN:		ROUGH-IN:	
TYPE: SERVICE: DESCRIPTION:	SK-2 (T.A.S COMPLAINT) DIGITAL ART G154 ART G156 LAVATORY WALL HUNG WHITE VTRECOIL MAX 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND WINDGUARD ARM SUPPORTS FACETS HOLES ON 4" CENTERS AMERICAN STANDARD "LICURIE" #O355.012	TYPE: DESCRIPTION:	BFP-1 (2" AND SMALLER) BACKFLOW PREVENTER REDUCED PRESSURE ZONE TYPE WITH TWO INLINE INDEPENDENT CHECK VALVES WITH AN INTERMEDIATE RELIEF VALVE COMPLETE WITH FULL PORTED BALL VALVE SHUT-OFFS AND BALL TYPE TEST COCKS BRONZE STRAINER ON INLET REFER TO FLOOR PLANS FOR SIZES MOUNT AT 48" A.F.F. UNLESS NOTED OTHERWISE ON DRAWINGS PROVIDE AIR GAP WITH DRAIN PIPE TO NEAREST FLOOR DRAIN WATS #609-QTS.
FAUCET:	FIXED CENTERS: 4) CHROME PLATED WRISTBALL HANDLE QUARTER TURN CERAMIC DISC CARTRIDGES 5-1/4" RIDG SWING GOOSENECK SPOUT 1.5 GPM AERATOR CHICAGO MODEL #HBS-17GAUGCCAKRBQ	TYPE: DESCRIPTION:	BFP-2 (2 1/2" AND LARGER) STAINLESS STEEL REDUCED PRESSURE ZONE TYPE WITH TWO INLINE INDEPENDENT CHECK VALVES WITH REVERSE RELIEF VALVES TWO NON-WISING STEM RESILIENT SEALS ONE IN EACH DIRECTION OF FLOW INPLET PROVIDE AIR GAP FITTING PIPED FULL SIZE TO NEAREST FLOOR DRAIN ANELLO RH-PVALVS
MIXING VALVE:	ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE BRASS BODY INTEGRAL CHECK VALVES VANDAL RESISTANT LEAD FREE .3% COMPRESSION CONNECTIONS WAS FILLED THERMAL CARTRIDGE AND MOUNTING BRACKET SYMMONS #82100K AND 40 3/8" COMPRESSION FITTING TO ALLOW WATER BYPASS FOR HOT AND COLD SUPPLY FAUCET. (108 F)	ROUGH-IN:	REFER TO FLOOR PLANS FOR SIZES MOUNT AT 48" A.F.F. UNLESS NOTED OTHERWISE ON DRAWINGS.
STRAINER:	1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE MCQUIRE #B9172	TYPE: DESCRIPTION:	E-CO EXTERIOR EXCAVATION TO GRADE CAST IRON BODY WITH ADJUSTABLE COMBED ACCESS COVER/LUG TOP ASSEMBLY WITH PRIMARY GASKET
P-TRAP:	1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE MCQUIRE #B9172	ROUGH-IN:	IF LOCATED IN ASPHALT OR DIRTY PROVIDED 16"x18"x12" CONCRETE PAD WADE #600-U-Z.
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. MCQUIRE #2165LK	TYPE: DESCRIPTION:	
CARRIER:	RECTANGULAR steel TUBING UPRIGHTS WITH WELED 3" X 4-1/2" BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS ADJUSTABLE SLEEVE THREADED CONCEALED NIPS ALUMINUM BAR LOCKING DEVICE AND LEVELING SCREWS WADE #520-LB	TYPE: DESCRIPTION:	
ROUGH-IN:	2" WASTE 2" VENT 1/2" HOT AND COLD WATER REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.	ROUGH-IN:	
TYPE: SERVICE: DESCRIPTION:	SK-3 (NON T.A.S COMPLAINT) - ART TROUGH SINK ART G156 SCENE SHOPper TYPE 304 STAINLESS STEEL SINGLE COMPARTMENT FREESTANDING SINK MEASURES 48" X 30" X 24" 4" STAINLESS STEEL BACKSLASH WITH 2-HOLE(S) ON 8" CENTERS NO DRAINBOARD 14 DEEP COMPARTMENT (4) GALVANIZED TUBULAR WHEELBARROW STYLE INSTALLABLE PLASTIC BULLET FEET ADVANCE TABCO #64-I-48D - 600 SERIES	TYPE: DESCRIPTION:	F-CO FLOOR CLEANOUT CAST IRON BODY AND ADJUSTABLE COMBED ACCESS COVER/LUG TOP ASSEMBLY WITH PRIMARY CASSET SEAL AND ROUND SCRAPPED STAINLESS STEEL COVER WADE #600U-133 FOR CARPETED FLOORS PROVIDE WADE 600U-CM.
FAUCET:	CHROME PLATED BRASS WALL MOUNT FITTING WITH 9-1/2" L-TYPE SWING SPOUT AND VANDAL PROOF 2-3/8" LEVER HANDLES ON 2-5/8" CENTER'S QUATURN TURN CARTRIDGES 1.5 GPM OUTLET FLOW VANDAL PROOF PRESSURE COMPENSATING SOFT-FLO AREATOR. CHICAGO #44S-USBPACBQP?	TYPE: DESCRIPTION:	W-CO WALL CLEANOUT CAST IRON CLEANOUT FERRULE WITH DUCTILE IRON COMBINED COVER/LUG AND ROUND STAINLESS COVER PLATE WITH CENTER SECURING SCREW 1/8" TEST FEATURES SHALL INCLUDE ANTIMICROBIAL 8690 CAST IRON CLEANOUT THE IN LIEU OF FERRULE AS REQUIRED FOR CONSTRUCTION.
MIXING VALVE:	ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE BRASS BODY INTEGRAL CHECK VALVES VANDAL RESISTANT LEAD FREE .3% COMPRESSION CONNECTIONS WAS FILLED THERMAL CARTRIDGE AND MOUNTING BRACKET SYMMONS #82100K AND 40 3/8" COMPRESSION FITTING TO ALLOW WATER BYPASS FOR HOT AND COLD SUPPLY FAUCET. (108 F)	TYPE: SERVICE: DESCRIPTION:	TP-1 SERVICES SINGLE FLOOR DRAIN PRIMER 1-1/2" OD X 12' 17' GAUGE PRIMING TUBE WITH VACUUM BREAKER PRECISION PLUMBING PRODUCTS #VPV-IVB.
STRAINER:	CHROME PLATED BRASS WIDE TOP SINK STRAINER WITH PERFORATED STRAINER 1-1/2" CHROME PLATED BRASS TAIPICE MCQUIRE #152AN	TYPE: SERVICE: DESCRIPTION:	TP-2 SERVES 1 TO 4 FLOOR DRAIN TRAPS REFERS TO PLANS ELECTRONIC TRAP PRIMER WITH DISTRIBUTION UNIT AND NEMA 1 BOX SURFACE MOUNT IN MECHANICAL ROOM OR CUSTOM LOCALITY PRECISION PLUMBING PRODUCTS MINI-MINI#SS-500-115" WITH DISTRIBUTION UNIT
INTERCEPTOR:	A.R.C CAST ALUMINUM SOLIDS INTERCEPTOR WITH TOP ACCESS GASKETED COVER STAINLESS STEEL MESH LINIED BUCKET 2" FEMALE IRON PIPE INLET AND OUTLET 1.5 GPM FLOW RATE WADE #5720-123	ROUGH-IN:	1/2" COLD WATER
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. MCQUIRE #2165LK	TYPE: DESCRIPTION:	
ROUGH-IN:	2" WASTE 2" VENT 1/2" HOT AND COLD WATER REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.	ROUGH-IN:	
TYPE: SERVICE: DESCRIPTION:	SK-4 (NON T.A.S COMPLAINT) - SHOP SCULLERY SINK SKEN SHOPS TYPE 304 STAINLESS STEEL MOUNTED MULTI-STATION SINK MEASURES 48"X 20"X 8" 1/8" STAINLESS STEEL BACKSLASH WITH 2 SETS OF 2-HOLE(S) ON 8" CENTERS DRAINBOARD 14" X 10" X 6" DEEP COMPARTMENT PROVIDE WITH WALL MOUNTING BRACKET. ELKAY RWEM4MR204	TYPE: DESCRIPTION:	EDP-1 (4" & COMPLAINT) DRINKING FOUNTAIN WITH BOTTLER FILLER STAND WITH FILTERING SYSTEM AND BLEND BLVD RESISTANT COOLER HIGH EFFICIENCY NON-FILTERED INSULATED STAINED GLASS CHILLING CAPACITY OF 8.0 GPH (GALLONS PER HOUR) OF 50° DRAINING WATER BASED ON 80° NET WATER AND 90° AMBIENT TEMPERATURE TEST CONDITIONS. FEATURES SHALL INCLUDE ANTIMICROBIAL GREEN COUNTUR HIGH EFFICIENCY LAMINAR FLOW REAL DRAIN SANITARY SENSOR ACTIVATED VANDAL RESISTANT SMARTFLOW BUDDLER ELECTRONIC BOILER FILLER SENSOR WITH MECHANICAL FRONT BUBBLER BUTTON ACTINATION PRODUCT SHALL BE WALL MOUNT PROVIDE CANE TOUCH APPROX IN ALL STAINLESS STEEL ON ALL UTILITY MOUNTED WITH A CLEAR KNEE SPACE GREATER THAN 27" HIGH.
FAUCET:	CHROME PLATED BRASS WALL MOUNT FAUCET (2) WITH 5-1/4" RIDG SWING GOOSENECK SPOUT 1.5 GPM FLOW OUTLET AND 4" WRIST BALD HANDLES ON 8" CENTERS QUARTER TURN CERAMIC DISC OPERATING CARTRIDGE CHICAGO #RW0W-CNDRHS-17148	P-TRAP:	WALSEY TAYLOR RBTHBYHYBRNL-N
MIXING VALVE:	ASSE 1070 CERTIFIED POINT OF USE MIXING VALVE BRASS BODY INTEGRAL CHECK VALVES VANDAL RESISTANT LEAD FREE .3% COMPRESSION CONNECTIONS WAS FILLED THERMAL CARTRIDGE AND MOUNTING BRACKET SYMMONS #82100K AND 40 3/8" COMPRESSION FITTING TO ALLOW WATER BYPASS FOR HOT AND COLD SUPPLY FAUCET. (108 F)	SUPPLIES:	1-1/4" CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON MCQUIRE #B9172
STRAINER:	CHROME PLATED BRASS WIDE TOP SINK STRAINER WITH PERFORATED STRAINER 1-1/2" CHROME PLATED BRASS TAIPICE MCQUIRE #152AN	CARRIER:	CONCRETE SLAB WITH (4) 1/2" BOLTS ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER WADE #403-LB
INTERCEPTOR:	A.R.C CAST ALUMINUM SOLIDS INTERCEPTOR WITH TOP ACCESS GASKETED COVER STAINLESS STEEL MESH LINE BUCKET 2" FEMALE IRON PIPE INLET AND OUTLET 1.5 GPM FLOW RATE WADE #5720-123	ROUGH-IN:	2" WASTE 2" VENT 1/2" COLD WATER REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.
SUPPLIES:	1/2" I.P.S. X 3/8" O.D CHROME PLATED LOOSE KEY STOP VALVES WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCQUIRE #2165LK	TYPE: DESCRIPTION:	EPW-1 EMERGENCY HALO STAINLESS STEEL EYE-FACE WASH ASSEMBLY WALL MOUNTED EYEFACE WASH OUTLET 5.1 GPM FLOW CONTROL EXCEEDS MINIMUM FLOW OF 3.0 GPM AT 30 PSI) TYPE 304 STAINLESS STEEL PUSH HANDLE AND CORROSION RESISTANT BOWL FLIP OPEN DUST COVER - OPEN WHEN ACTIVATED TYPE 316 STAINLESS STEEL SPRAYHEADS ELECTRO-POLISHED FINISH BRADLEY #B18-2145S.
ROUGH-IN:	2" WASTE 2" VENT 1/2" HOT AND COLD WATER REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.	ROUGH-IN:	1/2" COLD WATER 1-1/4" WASTE COORDINATE ROUGH-IN LOCATION/HEIGHT FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECTURAL/CASEWORK/DRAWINGS.
TYPE: SERVICE: DESCRIPTION:	FD-1 TOILET ROOMS AND GENERAL USE FLOOR DRAIN CAST IRON BODY ADJUSTABLE 6" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS INTEGRAL CLAMPING DEVICE BOTTOM OUTLET WADE #1100-MR	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 8" 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.
TRAP SEAL:	PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER.		
ROUGH-IN:	REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS/FLOOR CONSTRUCTION.		
TYPE: SERVICE: DESCRIPTION:	FS-1 ICE MACHINE DRAIN / BACKFLOW PREVENTER DISCHARGE CAST IRON 8" SQUARE FLOOR SINK WITH 6" DEEP SUMP. A.R.E. INTERIOR, ALUMINUM DOME BOTTOM STRAINER 12" STAINLESS STEEL TOP CLAMPING DEVICE WADE #9110-15-25-27-SS		INSULATION KITS AT ALL LAVATORIES AND SINKS REQUIRED TO BE T.A.S. ACCESSIBLE (MCQUIRE OR TRUBRO). ALL SUCH FIXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE STATE ACCESSIBILITY STANDARDS REQUIREMENTS.
TRAP SEAL:	PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER.		INSERT TRAP GUARDS AFTER FINAL RODDING OF DRAINS. INSTALL TRAP GUARD WITH CLEAR SLOJONE CALK/PUR GAS-TIGHT SEAL. FOR DRAIN RODDING AFTER INSTALLATION, INSERT SEWER TAPE THROUGHLY TO CREATED 1-1/2" DIA. PIPE TO PROTECT TRAP SEWER.
ROUGH-IN:	REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS/ EQUIPMENT PLACEMENT.		
TYPE: SERVICE: DESCRIPTION:	HB-1 HOSE BIBB EXPOSED TYPE MILD CLIMATE WALL-MOUNTED FAUCET WITH 3/4" F.P.T. INLET, 3/4" MALE HOSE THREAD OUTLET AND HOSE-DRAINING ANTI-SIPHON VACUUM BREAKER. CHROME PLATED BRASS FINISH WITH REMOVABLE TEE HANDLE. CHICAGO #BSC-CP		PROVIDE AND INSTALL ACID RESISTANT P-TRAPS ON ALL SCIENCE, BIOLOGY, CHEMISTRY, AND PHYSICS CLASSROOM SINKS.
ROUGH-IN:	3/4" COLD WATER		
TYPE: SERVICE: DESCRIPTION:	WH-1 WALL HYDRANT IN S.B. BOX 3/4" NON FREEZE HALF TURN CERAMIC DISC CARTRIDGE STAINLESS STEEL FINISH WITH ANTI SPIC #RPHVAC VACUUM BREAKER AND LOOSE TEE KEY. INSTALL WITH BOTTOM OF HYDRANT 18" A.F.F.		
ROUGH-IN:	WADE #601-MT-175. 3/4" COLD WATER		
TYPE: SERVICE: DESCRIPTION:	RH-1 ROOF HYDRANT, DRAIN CANISTER BELOW ROOF LINE 3/4" FIP INLET AND 3/4" OUTLET HOSE. 1" SCHEDULE 40 GALVANIZED RISER AND SELF ADJUSTING SOLE BRASS OPERATING ROD. HAPA PRODUCTS #MHP-24-PP		
ROUGH-IN:	3/4" COLD WATER. INSTALL WITH OUTLET AT 18" AFF OR AS DIRECTED BY ARCHITECT/OWNER.		

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED
POWER GENERATING EQUIPMENT.

	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

GENERAL NOTES:

1. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT IS NOT LIMITED TO CHILLERS, AIR HANDLING UNITS, FANS, CONDENSING UNITS, BMCS CONTROL PANELS, TEMPERATURE SENSORS, AND CONTROL VALVES.
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 PLUMBING, ELECTRICAL, ELEVATOR AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
3. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATION, SIZE AND MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

DEMOLITION KEYED NOTES:

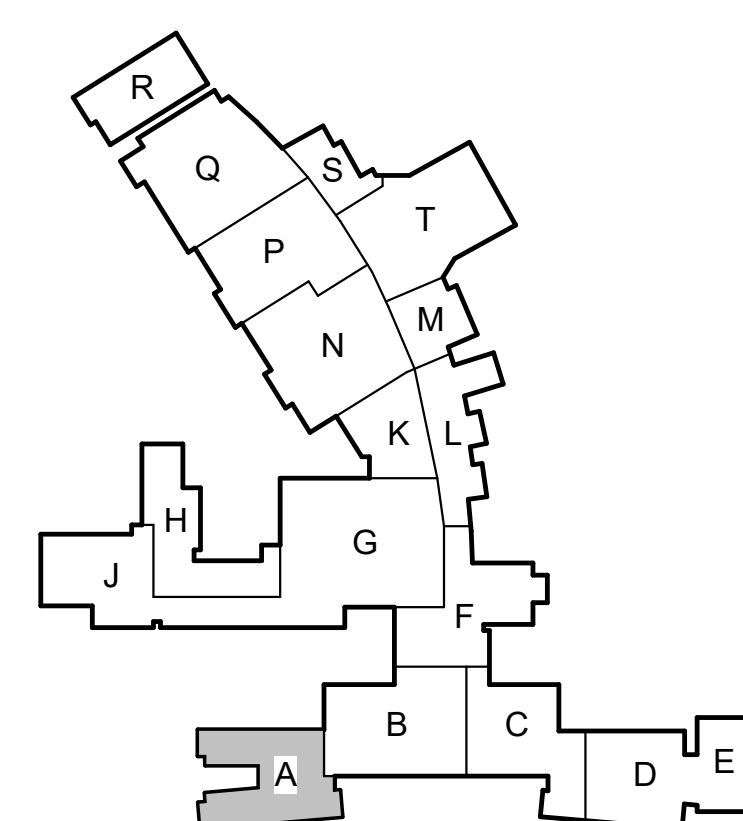
- ① REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT), ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROL/SIGNALS.
- ② REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
- ③ REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
- ④ EXISTING WALL MOUNTED TEMPERATURE SENSOR AND ASSOCIATED WIRING SHALL BE REMOVED.
- ⑤ PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
- ⑥ EXISTING EQUIPMENT TO REMAIN.
- ⑦ EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- ⑧ REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO BE REUSED.



1

MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA A


Scale: $1/8" = 1'-0"$




KEY PLAN - 1ST FLOOR
N.T.S.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

	Salas O'Brien
	Houston San Houston Pkwy North, Suite 900 Houston, TX 77060 Salas O'Brien Registration: F-4111 Salas O'Brien Project Number: 2024-001965-00

Bradley Kalman

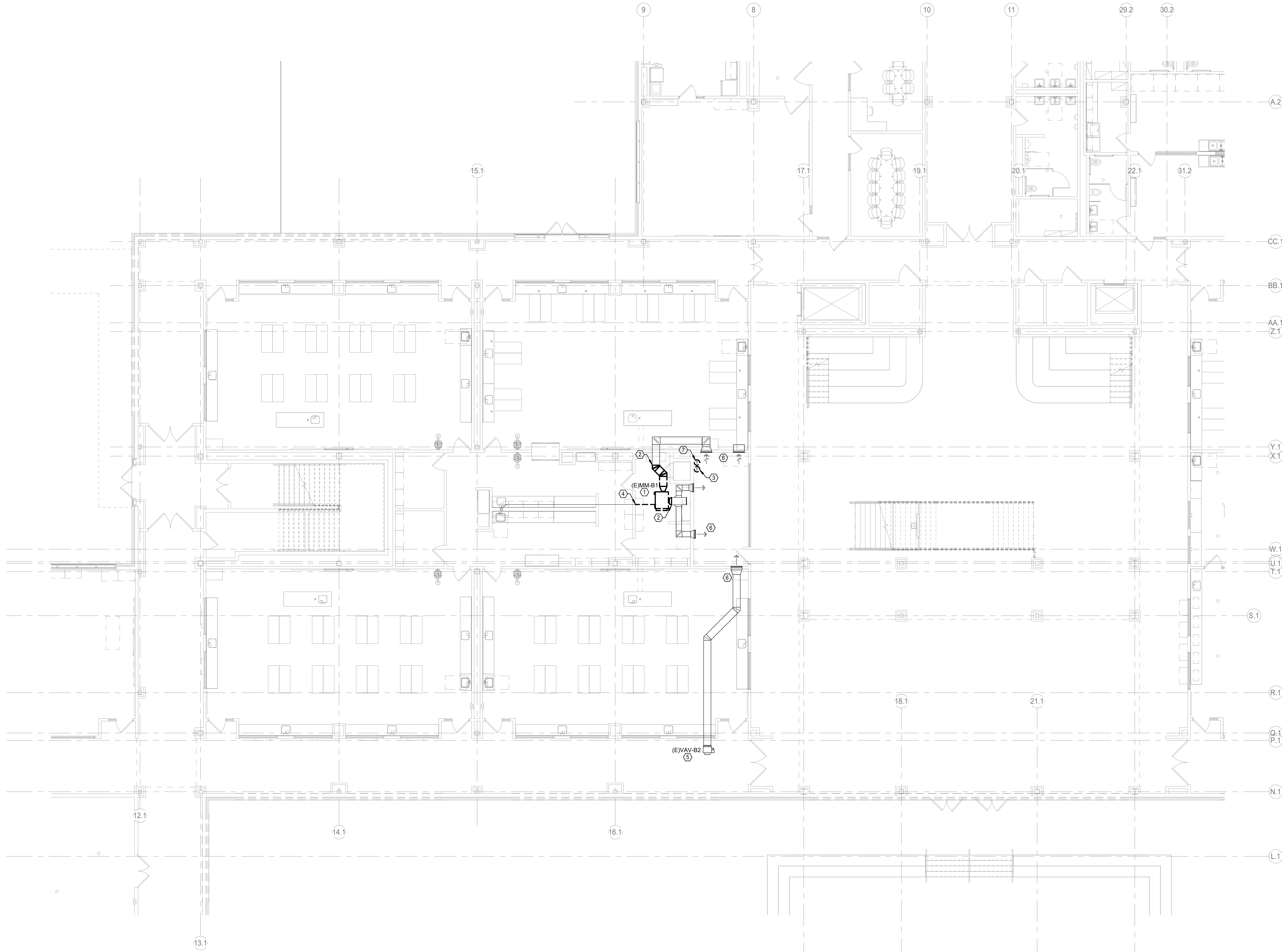


08/18/2025



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MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA A	
Job No. 01818-07-01	Sheet No. <div style="font-size: 48pt; font-weight: bold;">MO.01</div>
Drawn By: JP	
Date: 08/18/2025	



CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

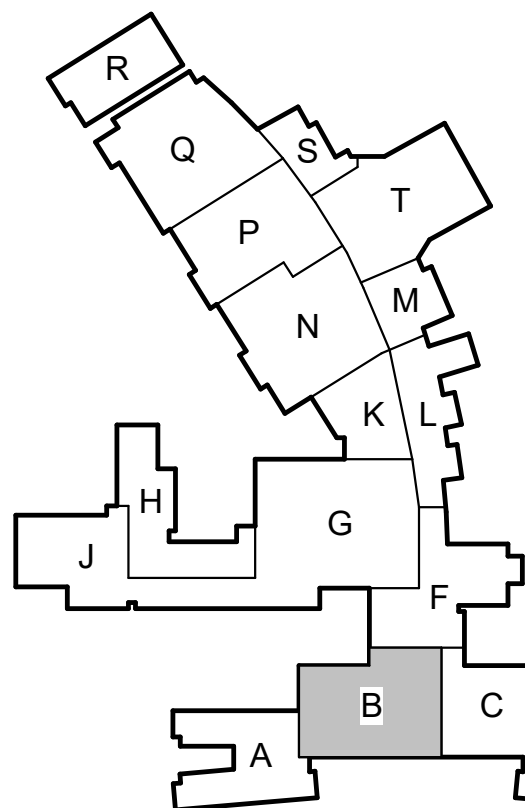
RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
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DEMOLITION KEYED NOTES:

- REMOVE EXISTING AIR HANDLING UNIT (IEBERT UNIT), ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROLS/GRAPHICS.
- REMOVE EXISTING DUCTWORK UP TO THIS POINT.
- EXISTING WALL MOUNTED TEMPERATURE SENSOR SHALL BE REMOVED.
- REMOVE EXISTING CONDENSATE PIPING UP TO THIS POINT.
- EXISTING EQUIPMENT TO REMAIN.
- EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO REMAIN AND BE REUSED.

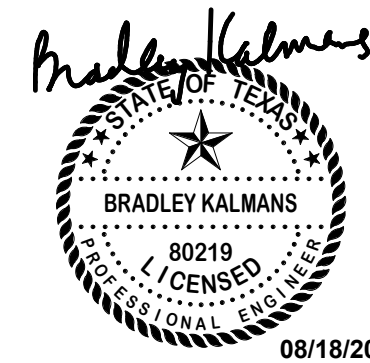
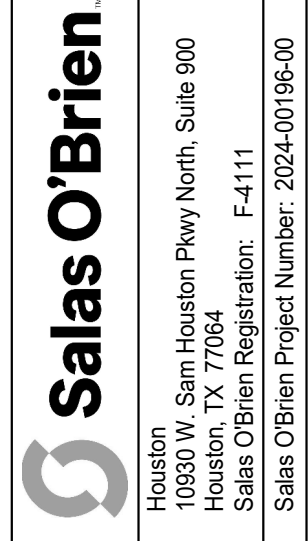


Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



MECHANICAL DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA B

Job No.
01818-07-01

Drawn By:
IP

Date:
06/18/2025

Sheet No.

M0.02

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

GENERAL NOTES:

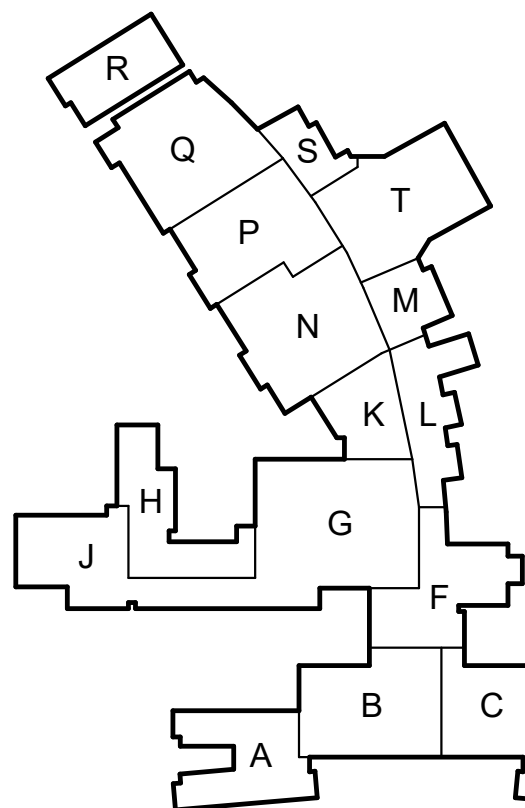
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- ⑦ EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
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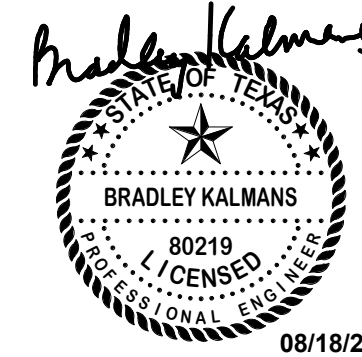
1 MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA D & E
Scale: 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
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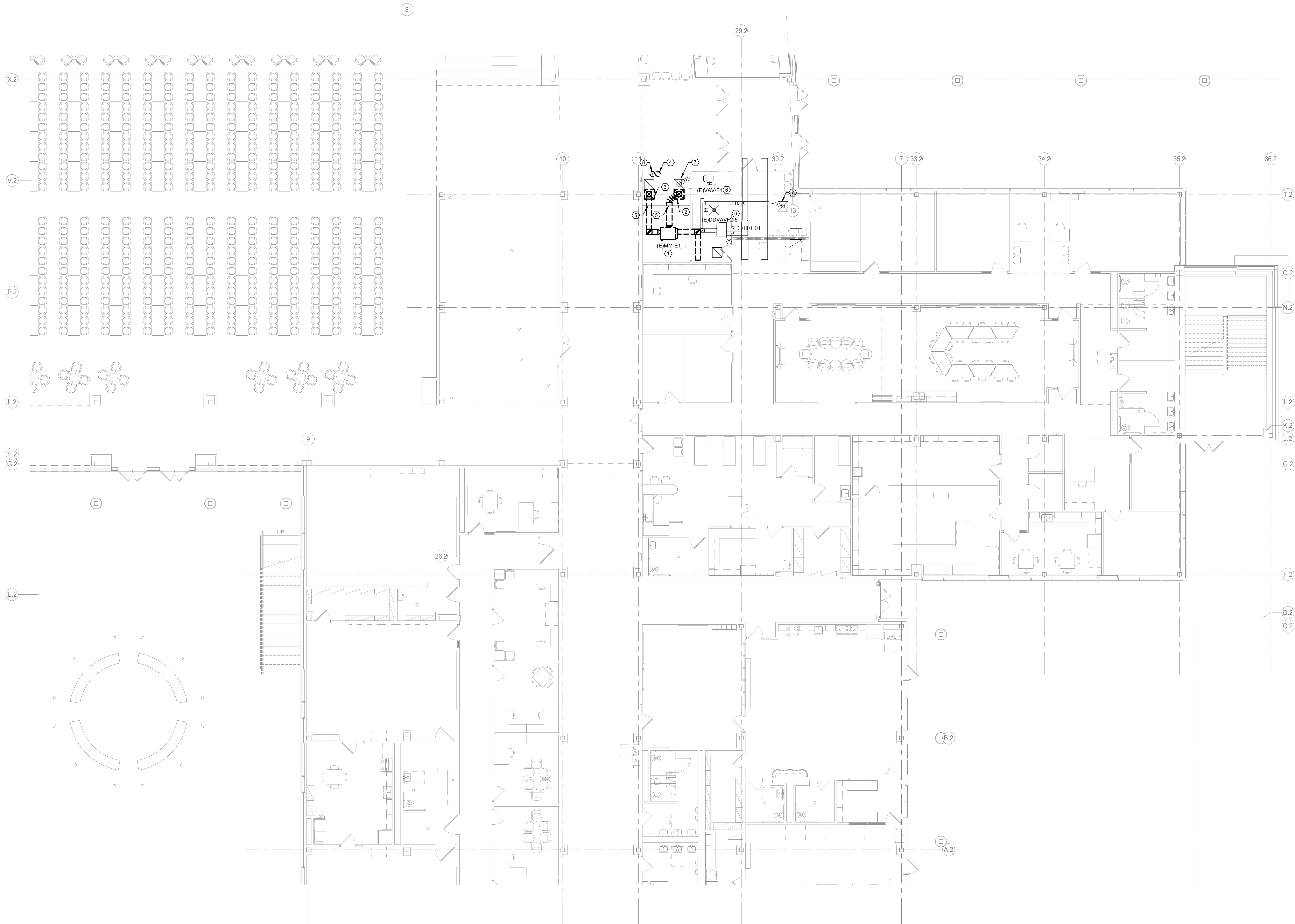
Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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MECHANICAL DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA D & E

Job No. 01818-07-01	Sheet No.
Drawn By: JP	M0.03
Date: 08/18/2025	



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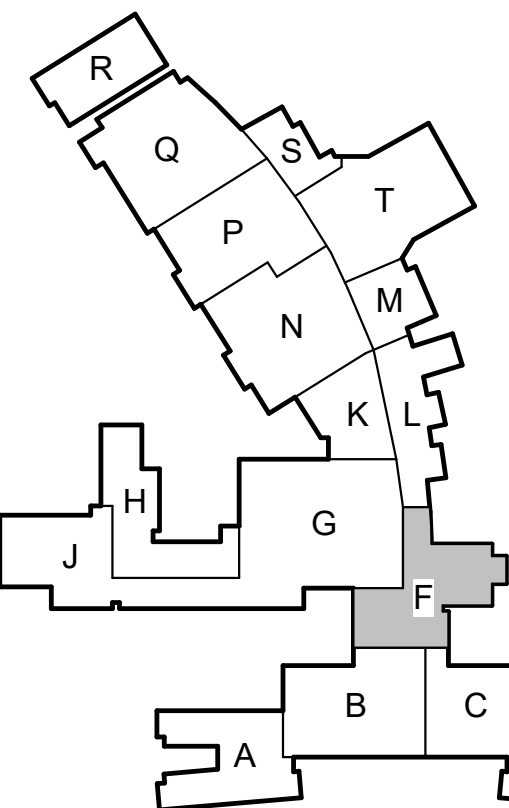
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- EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO REMAIN AND BE REUSED.



1 MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F
Scale: 1/8" = 1'-0"

Date

Revision /




2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



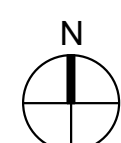
MECHANICAL DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA F

Job No.
01818-07-01
Drawn By:
JP
Date:
06/18/2025
Sheet No.
MO.04

RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED


1. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REQUESTED FROM THIS PROJECT. THIS INCLUDES BUT IS NOT LIMITED TO CHILLERS, AIR HANDLING UNITS, FANS, CONDENSING UNITS, BMCS, CONTROL PANELS, TEMPERATURE SENSORS, AND CONTROL VALVES.
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. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

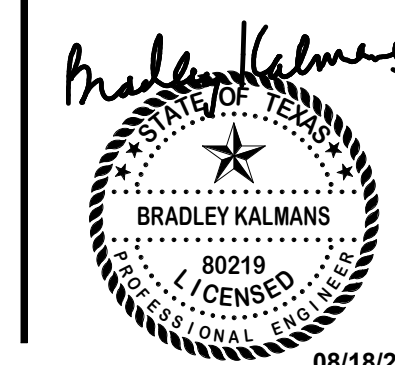
- ① REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT), ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROLS/GRAPHICS.
- ② REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
- ③ REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
- ④ EXISTING WALL MOUNTED TEMPERATURE SENSOR AND ASSOCIATED WIRING SHALL BE REMOVED.
- ⑤ PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
- ⑥ EXISTING EQUIPMENT TO REMAIN.
- ⑦ EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- ⑧ REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO REMAIN AND BE REUSED.
- ⑨ REMOVE EXISTING CONDENSATE PIPING UP TO THIS POINT.



A map of the 15 wards of the City of London, labeled A through S. Ward H is highlighted in grey. The wards are arranged in a roughly circular pattern around the center of the city.

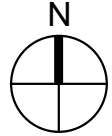
2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD. CYPRESS, TX 77433

 <p>Salas O'Brien</p>	<p>Houston 10930 W. Sam Houston Pkwy North, Suite 900 Houston, TX 77064 Salas O'Brien Registration: F-4111 Salas O'Brien Project Number: 2024-00196-00</p>
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MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA H	
Job No. 01818-07-01	Sheet No.
Drawn By: JP	MO.05
Date: 08/18/2025	



1

MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA L

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

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

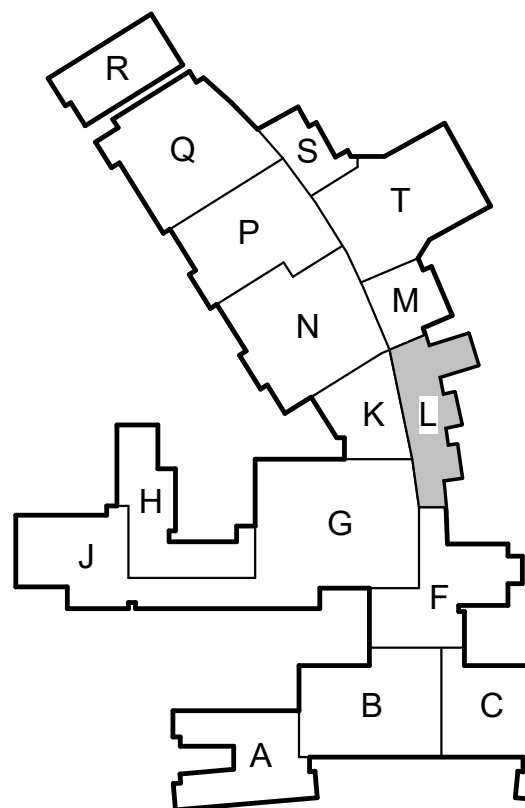
RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

GENERAL NOTES:

1. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT IS NOT LIMITED TO CHILLERS, AIR HANDLING UNITS, FANS, CONDENSING UNITS, BMCS CONTROL PANELS, TEMPERATURE SENSORS, AND CONTROL VALVES.
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. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

DEMOLITION KEYED NOTES:

1. REMOVE EXISTING AIR HANDLING UNIT, ASSOCIATED CHILLED AND HOT WATER PIPING, CONDENSATE PIPING, DUCTWORK AND CONTROL LOGIC/GRAPHICS.
2. EXISTING SUPPLY DIFFUSER TO REMAIN AND BE USED. EXISTING DUCTWORK SHALL BE REMOVED AS INDICATED.
3. REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
4. EXISTING WALL MOUNTED TEMPERATURE SENSOR SHALL BE REUSED.
5. PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
6. EXISTING EQUIPMENT TO REMAIN.
7. EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
8. REMOVE EXISTING RETURN DUCTWORK DOWN TO EXISTING AIR HANDLING UNIT.
9. REMOVE EXISTING OUTSIDE AIR DUCTWORK UP TO THIS POINT.
10. EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.



KEY PLAN - 1ST FLOOR
N.T.S.

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRSS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien

Houston
10930 W. Sam Houston Pkwy North, Suite 600
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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MECHANICAL DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA L

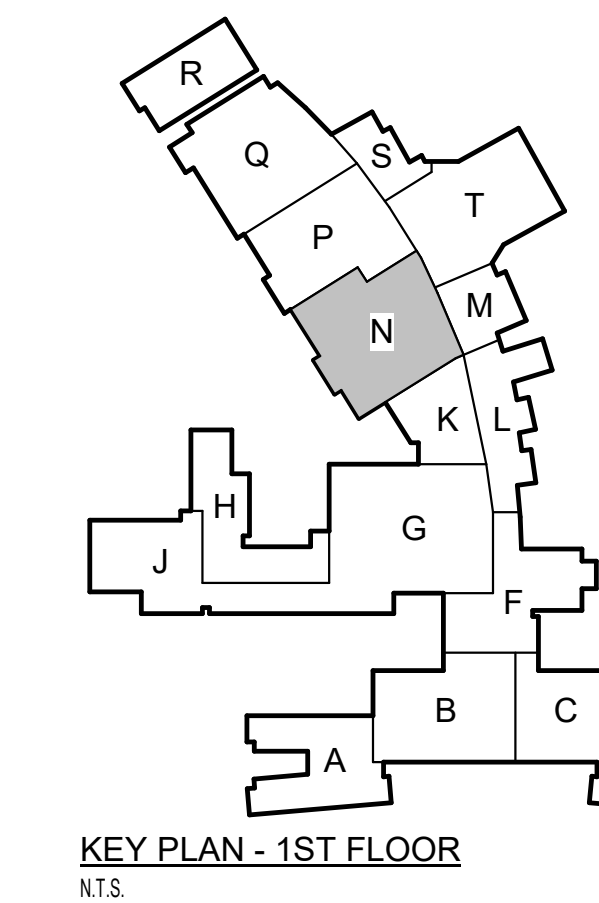
Job No.
01818-07-01

Drawn By:
JP

Date:
08/18/2025

Sheet No.

M0.06



CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

GENERAL NOTES:

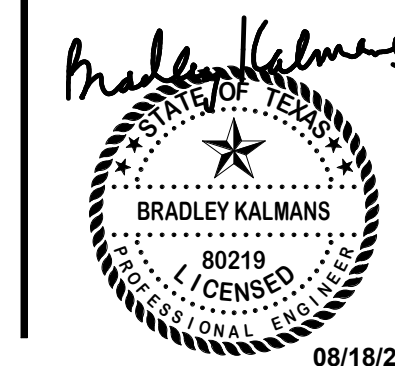
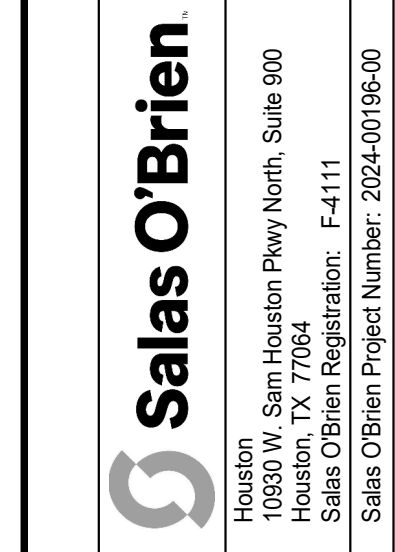
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- ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

DEMOLITION KEYED NOTES:

- REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT), ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROL SIGRAPHICS.
- REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
- REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
- EXISTING WALL MOUNTED TEMPERATURE SENSOR AND ASSOCIATED WIRING SHALL BE REMOVED.
- PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
- EXISTING EQUIPMENT TO REMAIN.
- EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- REMOVE EXISTING CONDENSATE PIPING UP TO THIS POINT.
- REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO REMAIN AND BE REUSED.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRSS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



MECHANICAL DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA N

Job No.
01818-07-01
Drawn By:
JP
Date:
06/18/2025

Sheet No.
MO.07

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

GENERAL NOTES:

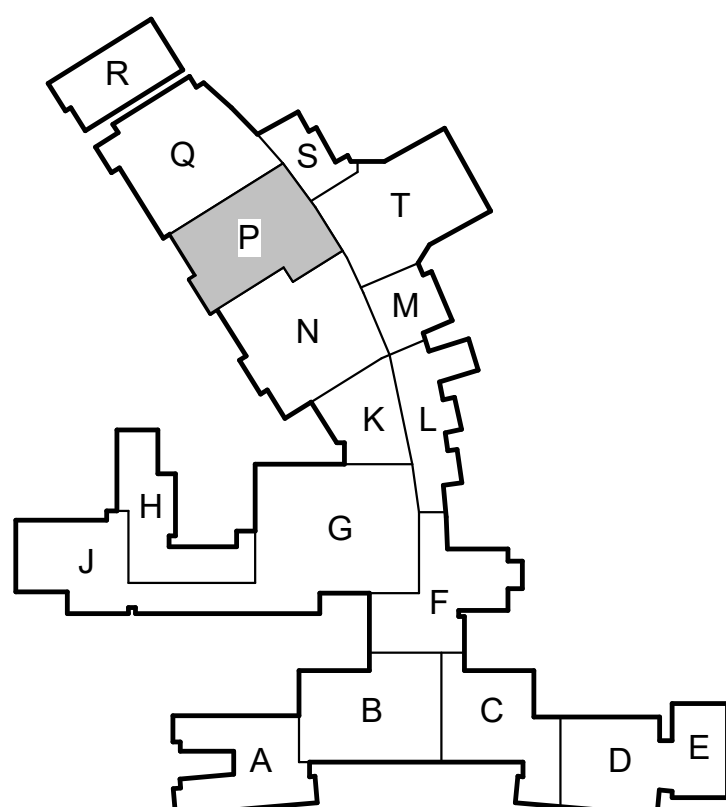
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DEMOLITION KEYED NOTES:

- REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT), ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROLS/GRAPHICS.
- REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
- REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
- EXISTING WALL MOUNTED TEMPERATURE SENSOR AND ASSOCIATED WIRING SHALL BE REMOVED.
- PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
- EXISTING EQUIPMENT TO REMAIN.
- EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- REMOVE EXISTING CONDENSATE PIPING UP TO THIS POINT.
- REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO REMAIN AND BE REUSED.



1 MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA P
Scale: 1/8" = 1'-0"



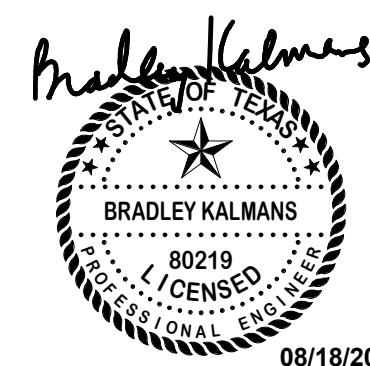
Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

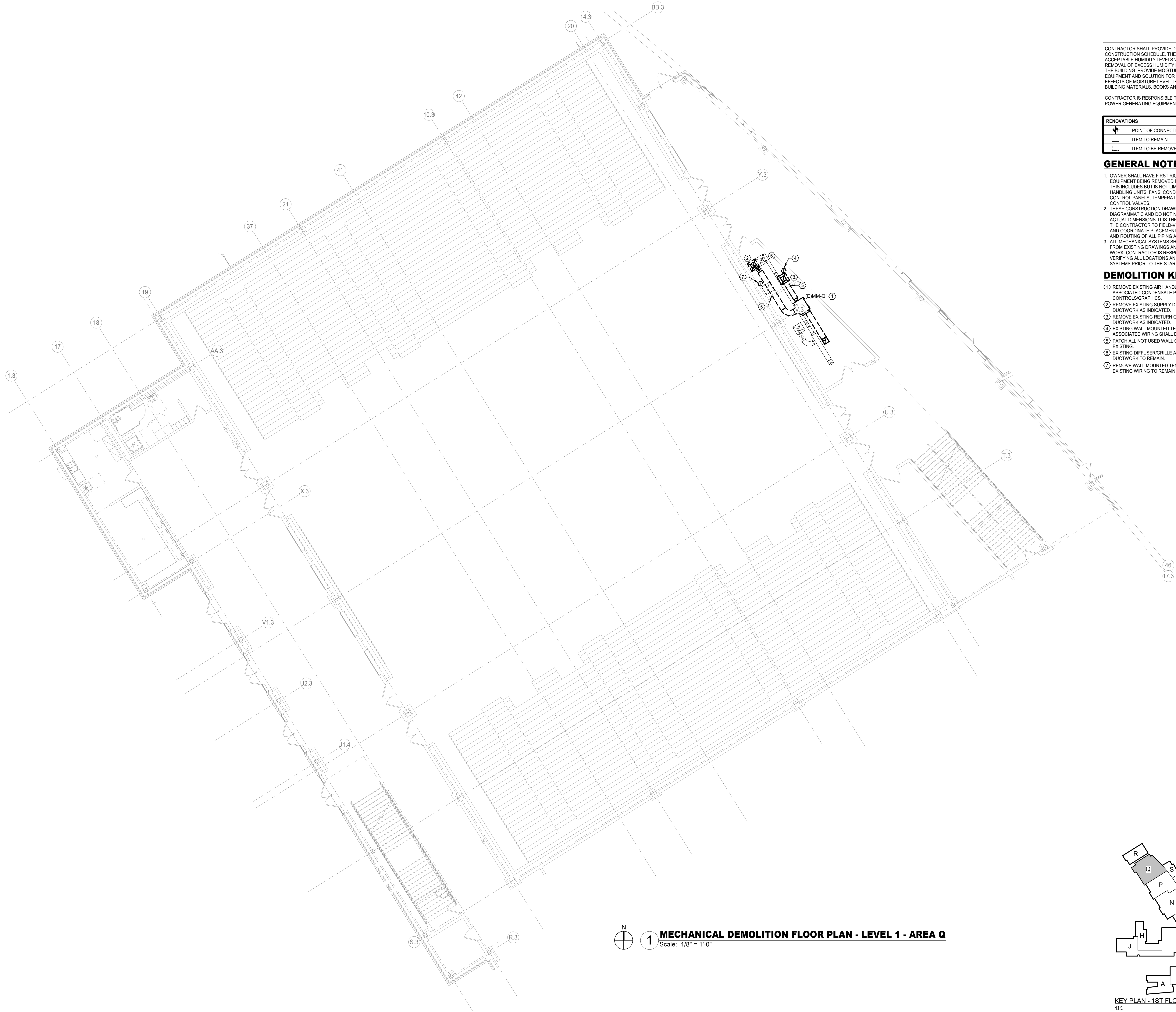
Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 600
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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MECHANICAL DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA P

Job No. 01818-07-01	Sheet No.
Drawn By: JP	M0.08
Date: 06/18/2025	



CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

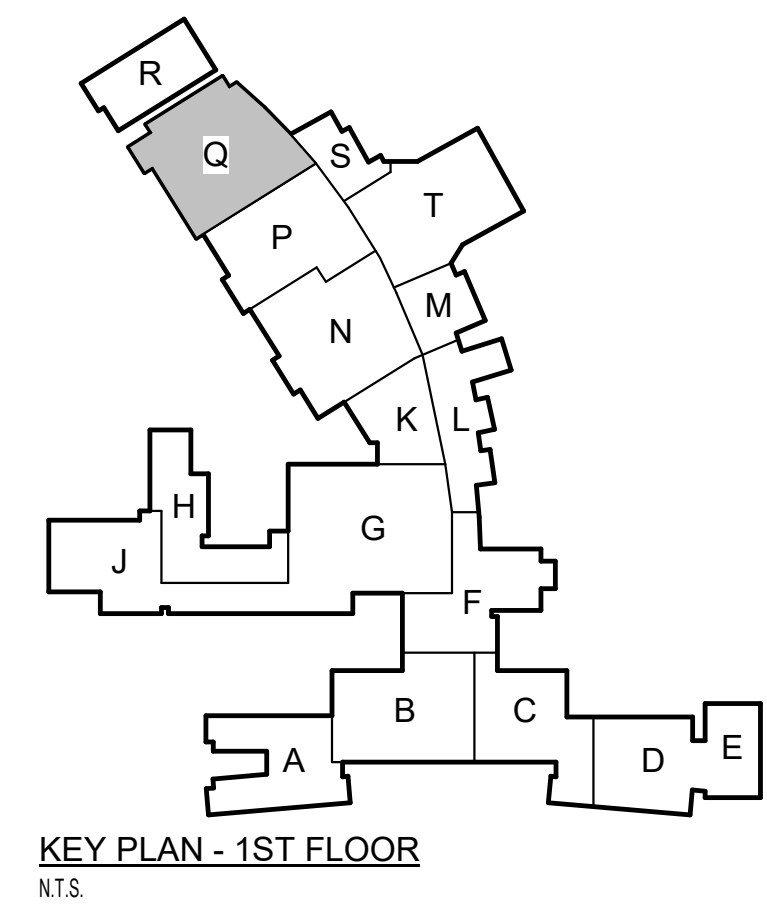
CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.




RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

- GENERAL NOTES:**
- OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT IS NOT LIMITED TO CHILLERS, AIR HANDLING UNITS, FANS, CONDENSING UNITS, BMCS, CONTROL PANELS, TEMPERATURE SENSORS, AND CONTROL VALVES.
 - 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.
 - ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

- DEMOLITION KEYED NOTES:**
- REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT). ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROLS/GRAPHICS.
 - REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
 - REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
 - EXISTING WALL MOUNTED TEMPERATURE SENSOR AND ASSOCIATED WIRING SHALL BE REMOVED.
 - PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
 - EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
 - REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO REMAIN AND BE REUSED.

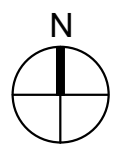
1 MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA Q
Scale: 1/8" = 1'-0"



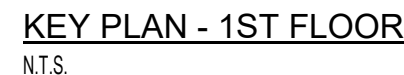
RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED




1. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT IS NOT LIMITED TO CHILLERS, AIR HANDLING UNITS, FANS, CONDENSING UNITS, BMCS CONTROL PANELS, TEMPERATURE SENSORS, AND CONTROL VALVES.
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. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

- ① REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROLS/GRAPHICS).
- ② REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
- ③ REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
- ④ EXISTING WALL MOUNTED TEMPERATURE SENSOR A ASSOCIATED WIRING SHALL BE REMOVED.
- ⑤ PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
- ⑥ EXISTING EQUIPMENT TO REMAIN.
- ⑦ EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- ⑧ REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO REMAIN AND BE REUSED
- ⑨ REMOVE EXISTING CONDENSATE PIPING UP TO THIS POINT.



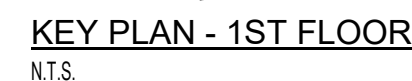
1 MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA B
Scale: 1/8" = 1'-0"



RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

1. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT IS NOT LIMITED TO CHILLERS, AIR HANDLING UNITS, FANS, CONDENSING UNITS, BMCS CONTROL PANELS, TEMPERATURE SENSORS, AND CONTROL VALVES.
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 INCLUDING THE PIPING AND DUCT SYSTEMS.
3. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

- ① REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT), ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROLS/GRAPHICS.
- ② REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
- ③ REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
- ④ EXISTING WALL MOUNTED TEMPERATURE SENSOR AND ASSOCIATED WIRING SHALL BE REMOVED.
- ⑤ PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
- ⑥ EXISTING EQUIPMENT TO REMAIN.
- ⑦ EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- ⑧ REMOVE WALL MOUNTED TEMPERATURE SENSOR, EXISTING WIRING TO REMAIN AND BE REUSED.




2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien

Headquarters Sun Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00195-00

Bradley Kallmans






08/18/2025



Huckabee
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MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 2 - AREA N	
Job No. 01818-07-01	Sheet No. <div style="font-size: 2em; font-weight: bold;">MO.13</div>
Drawn By: IP	
Date: 08/18/2025	

RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

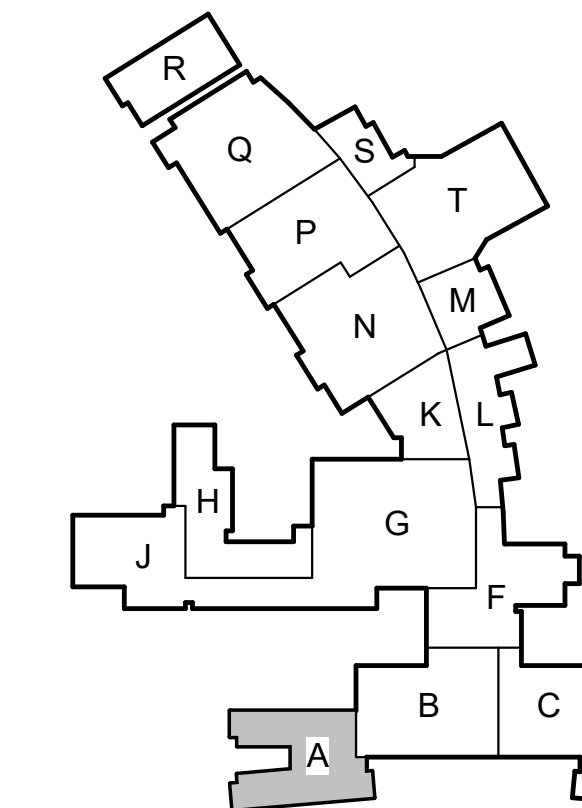
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- ① REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROL/SERVICES).
- ② REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
- ③ REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
- ④ EXISTING WALL MOUNTED TEMPERATURE SENSOR AND ASSOCIATED WIRING SHALL BE REMOVED.
- ⑤ PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
- ⑥ EXISTING EQUIPMENT TO REMAIN.
- ⑦ EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- ⑧ REMOVE WALL MOUNTED TEMPERATURE SENSOR EXISTING WIRING TO REMAIN AND BE REUSED.
- ⑨ REMOVE EXISTING CONDENSATE PIPING UP TO THIS POINT.

KEY PLAN - 1ST FLOOR
N.T.S.



1 MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 3 - AREA A
Scale: 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

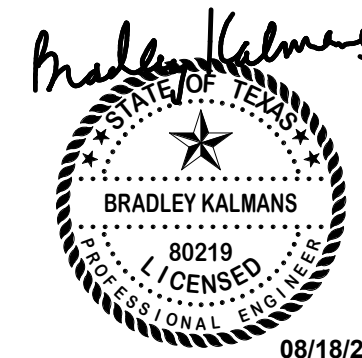
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2. THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
3. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

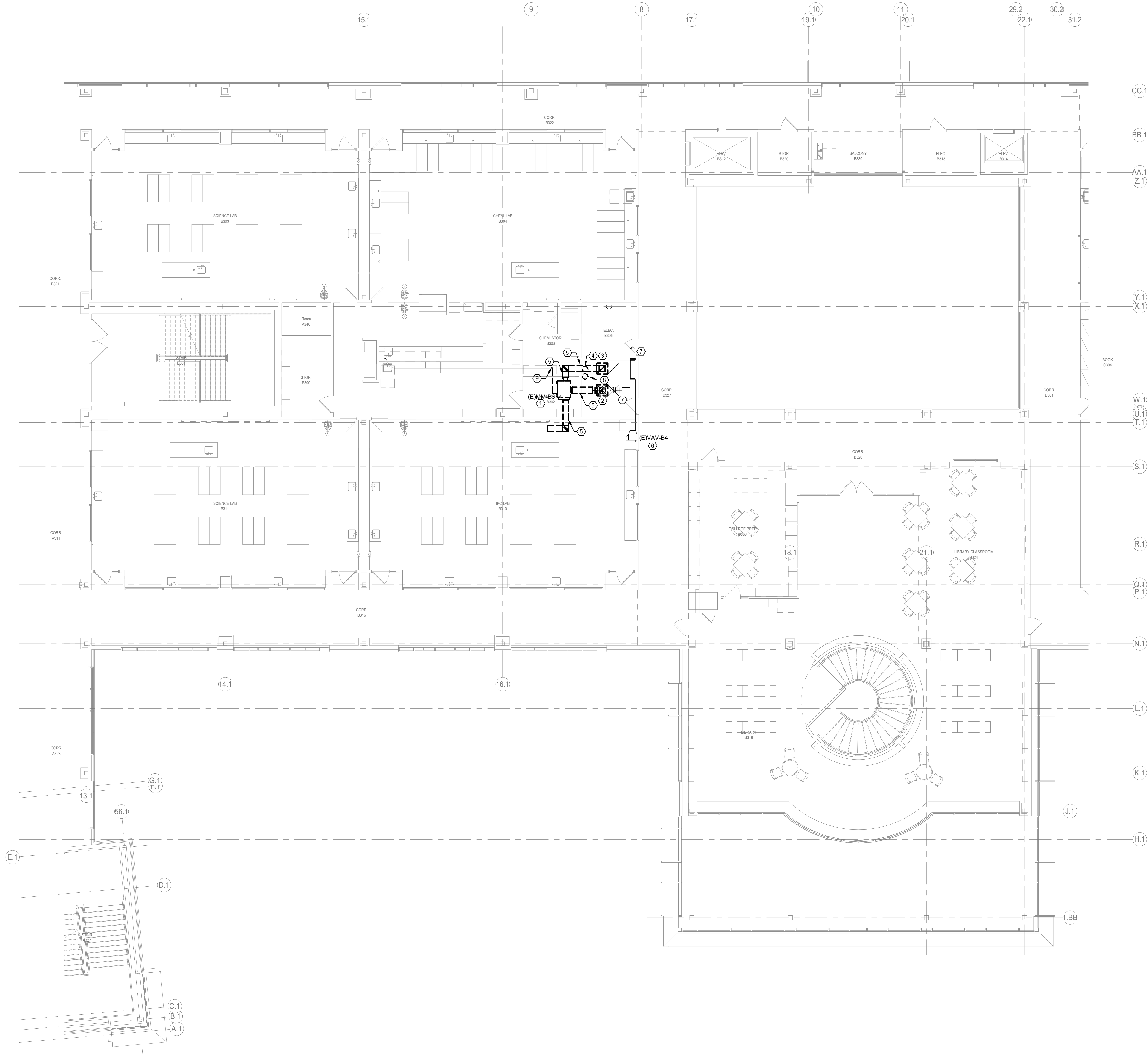
DEMOLITION KEYED NOTES:

1. REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT), ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROLS/GRAPHICS.
2. REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
3. REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
4. EXISTING WALL MOUNTED TEMPERATURE SENSOR AND ASSOCIATED WIRING SHALL BE REMOVED.
5. PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
6. EXISTING EQUIPMENT TO REMAIN.
7. EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
8. REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO REMAIN AND BE REUSED.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433



MECHANICAL DEMOLITION
FLOOR PLAN - LEVEL 3 -
AREA A



1

MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 3 - AREA B

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

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

RENOVATIONS

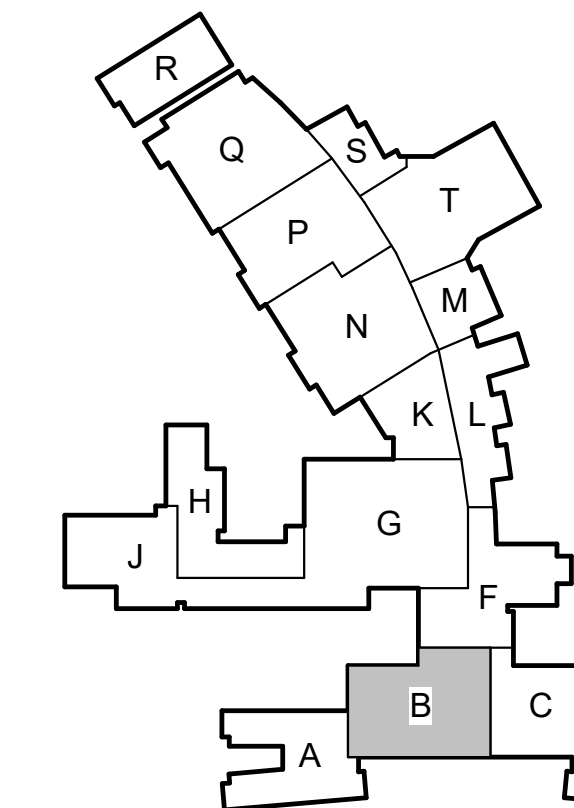
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

GENERAL NOTES:

1. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT IS NOT LIMITED TO CHILLERS, AIR HANDLING UNITS, FANS, CONDENSING UNITS, SMCS CONTROL PANELS, TEMPERATURE SENSORS, AND CONTROL VALVES.
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. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

DEMOLITION KEYED NOTES:

- ① REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT), ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROLS/GRAPHICS.
- ② REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
- ③ REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
- ④ EXISTING WALL MOUNTED TEMPERATURE SENSOR AND ASSOCIATED WIRING SHALL BE REMOVED.
- ⑤ PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
- ⑥ EXISTING EQUIPMENT TO REMAIN.
- ⑦ EXISTING OFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- ⑧ REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO REMAIN AND BE REUSED.
- ⑨ REMOVE EXISTING CONDENSATE PIPING UP TO THIS POINT.



KEY PLAN - 1ST FLOOR
N.T.S.

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS

FOR

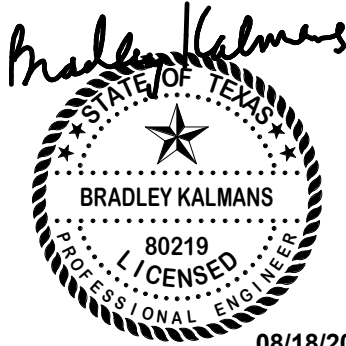
CYPRESS-FAIRBANKS ISD

10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien

Houston
10933 W. San Houston Pkwy North, Suite 500
Houston, TX 77066
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



Huckabee

www.huckabee-inc.com
800.887.1229

**MECHANICAL DEMOLITION
FLOOR PLAN - LEVEL 3 -
AREA B**

Job No.

01818-07-01

Drawn By:

IP

Date:

06/18/2025

Sheet No.

MO.15

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

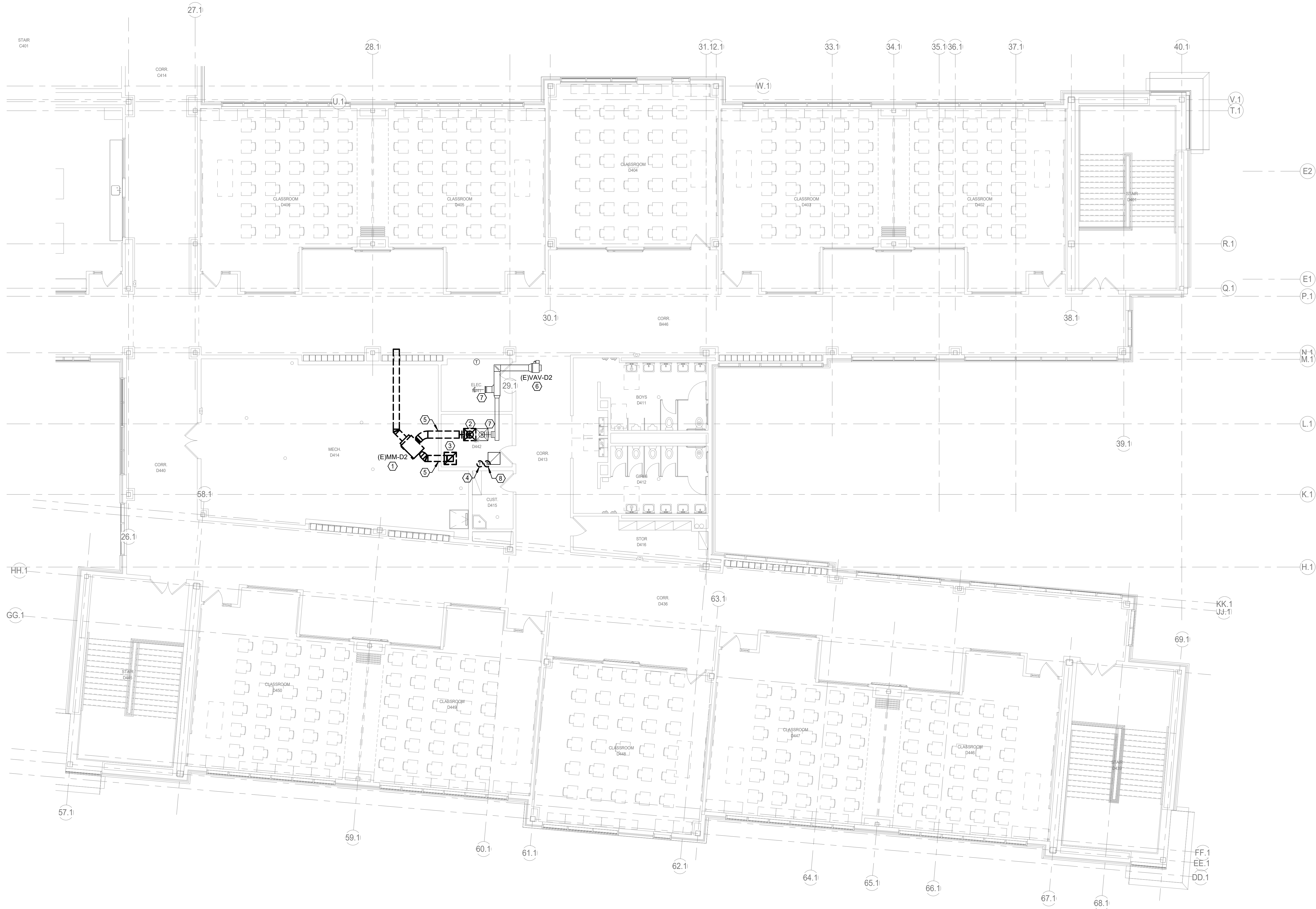
RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

GENERAL NOTES:

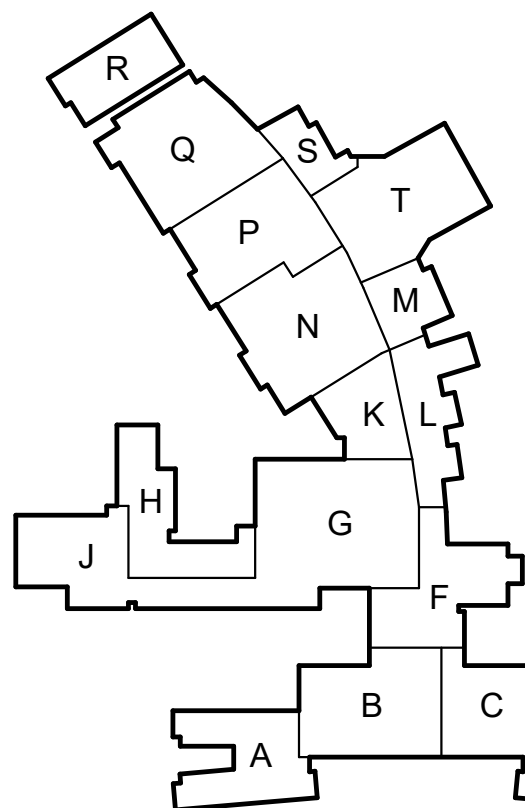
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- THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
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DEMOLITION KEYED NOTES:

- REMOVE EXISTING AIR HANDLING UNIT (LIEBERT UNIT), ASSOCIATED CONDENSATE PIPING, DUCTWORK AND CONTROL SIGNATURES.
- REMOVE EXISTING SUPPLY DIFFUSER AND EXISTING DUCTWORK AS INDICATED.
- REMOVE EXISTING RETURN GRILLE AND EXISTING DUCTWORK AS INDICATED.
- EXISTING WALL MOUNTED TEMPERATURE SENSOR AND ASSOCIATED WIRING SHALL BE REMOVED.
- PATCH ALL NOT USED WALL OPENING TO MATCH EXISTING.
- EXISTING EQUIPMENT TO REMAIN.
- EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK TO REMAIN.
- REMOVE WALL MOUNTED TEMPERATURE SENSOR. EXISTING WIRING TO REMAIN AND BE REUSED.



1 MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 4 - AREA D
Scale: 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS

FOR

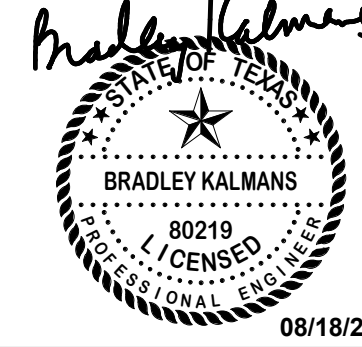
CYPRESS-FAIRBANKS ISD

10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien

Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



Huckabee
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MECHANICAL DEMOLITION
FLOOR PLAN - LEVEL 4 -
AREA D

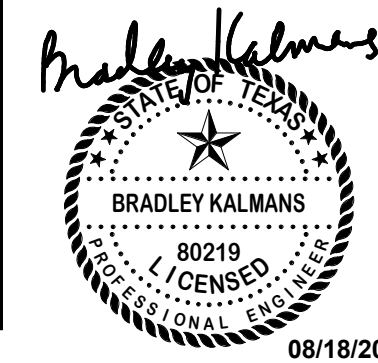
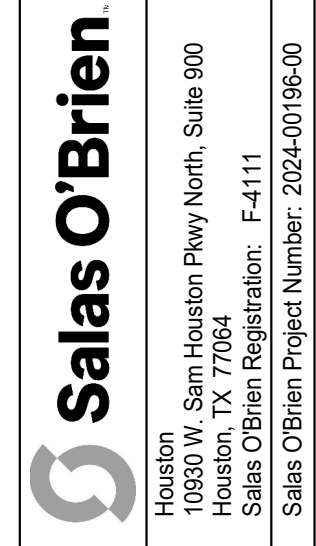
Job No.
01818-07-01
Sheet No.
M0.17
Drawn By:
JP
Date:
06/19/2025

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



MECHANICAL FLOOR PLAN -
LEVEL 1 - AREA A

Job No. 01818-07-01	Sheet No. M1.01
Drawn By: JP	
Date: 06/18/2025	

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

GENERAL NOTES:

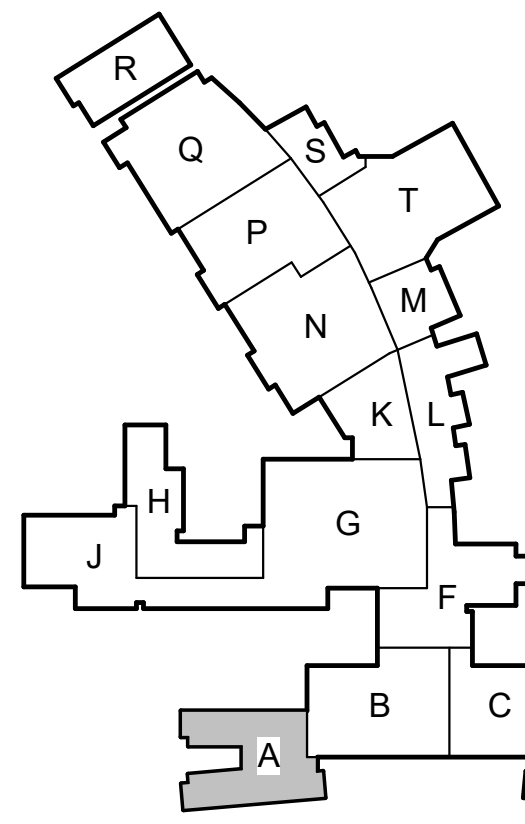
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2. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

MECHANICAL KEYED NOTES:

- ① VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
- ② ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF. SIZE PER MANUFACTURERS RECOMMENDATIONS. RE: TO 1/4" FOR CONTINUATION.
- ③ ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN LOCATED IN MECH A112.
- ④ PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
- ⑤ EXISTING EQUIPMENT TO REMAIN.



1 MECHANICAL FLOOR PLAN - LEVEL 1 - AREA A
Scale: 1/8" = 1'-0"



GENERAL NOTES:

1. 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.
2. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

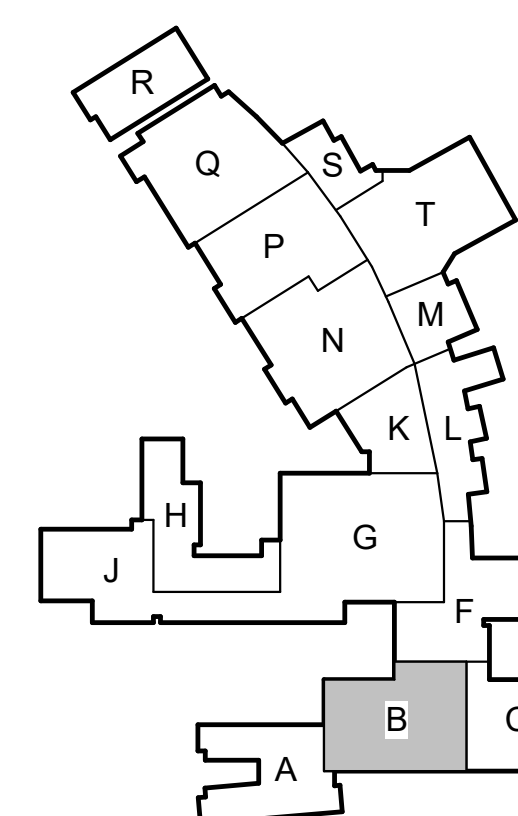
MECHANICAL KEYED NOTES:

- ① VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
- ② ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF SIZE PER MANUFACTURERS RECOMMENDATIONS. REFER TO 1/M.11.1 FOR CONTINUATION.
- ③ ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS SHOWN. CONNECT TO EXISTING 3/4" CONDENSATE LINE. EXISTING LINE SHALL BE FLUSHED BEFORE CONNECTION.
- ④ PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
- ⑤ EXISTING EQUIPMENT TO REMAIN.



1 MECHANICAL FLOOR PLAN - LEVEL 1 - AREA B

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

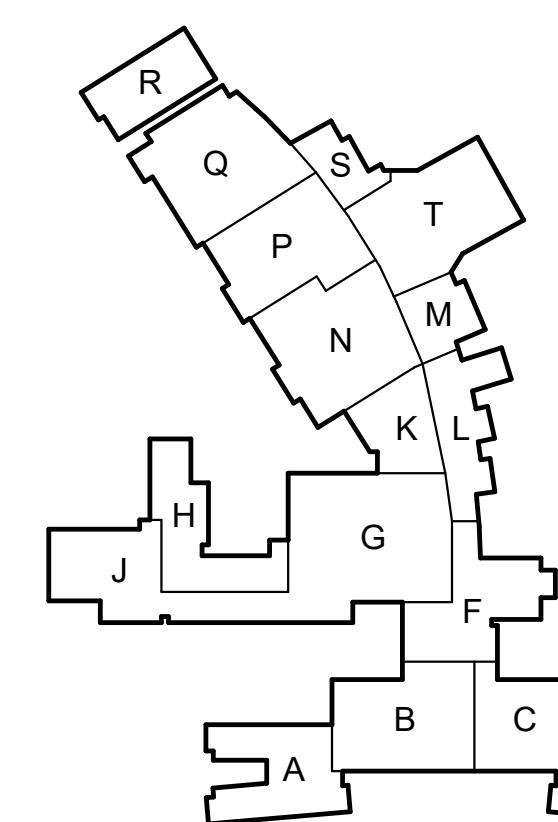


KEY PLAN - 1ST FLOOR
N.T.S.

GENERAL NOTES:

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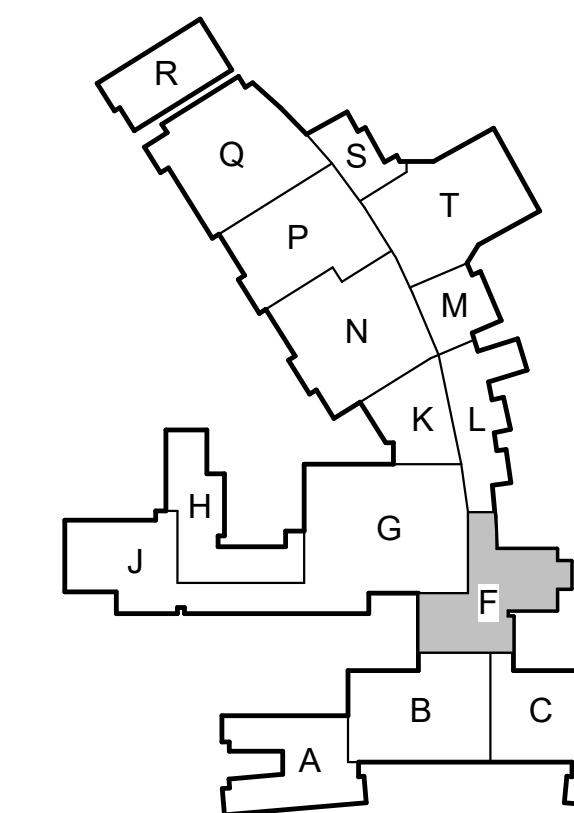
- ① VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
- ② ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF. SIZE PER MANUFACTURERS RECOMMENDATIONS.
- ③ ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS SHOWN. COINTEGRATE TO EXISTING 3/4" CONDENSATE LINE. EXISTING LINE SHALL BE FLUSHED BEFORE CONNECTION.
- ④ PROVIDE BMCS MONITORING TEMPERATURE SENSOR AS INDICATED.
- ⑤ EXISTING EQUIPMENT TO REMAIN.
- ⑥ PATCH DUCTWORK OPENING TO MATCH EXISTING.
- ⑦ EXHAUST DUCTWORK (DIMENSION AS SHOWN) UP TO EXHAUST FAN. TRANSITION TO FAN INLET AS REQUIRED.



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



1 MECHANICAL FLOOR PLAN - LEVEL 1 - AREA F
Scale: 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

GENERAL NOTES:

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MECHANICAL KEYED NOTES:

1. VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
2. ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF. SIZE PER MANUFACTURERS RECOMMENDATIONS.
3. ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN LOCATED IN MECH G1.02.
4. PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
5. EXISTING EQUIPMENT TO REMAIN.

Date

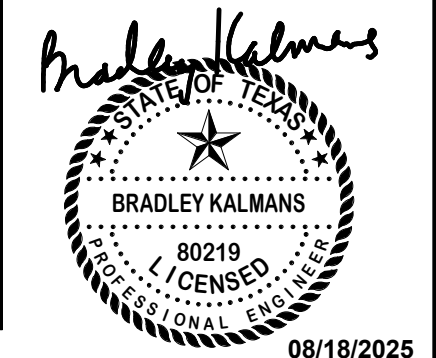
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Houston
10933 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



MECHANICAL FLOOR PLAN -
LEVEL 1 - AREA F

Job No.
01818-07-01

Drawn By:
JP

Date:
06/18/2025

Sheet No.

M1.04



CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

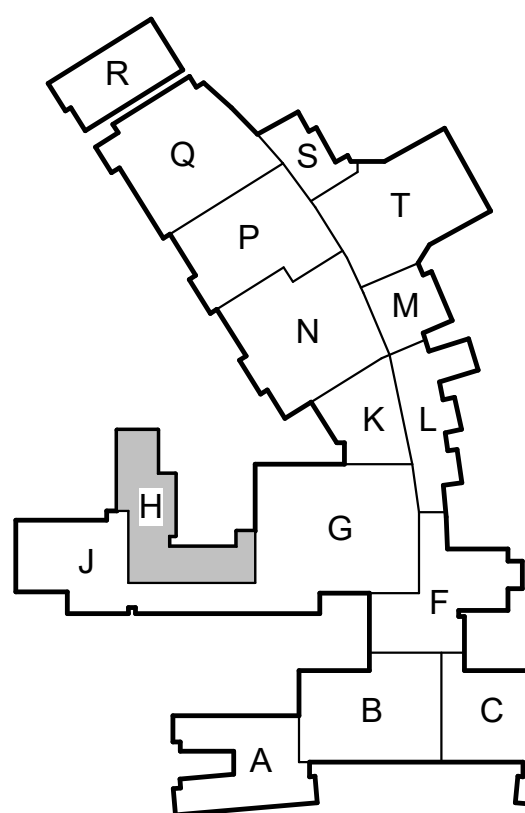
CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

GENERAL NOTES:

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MECHANICAL KEYED NOTES:

- ① VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
- ② ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF. SIZE PER MANUFACTURERS RECOMMENDATIONS.
- ③ ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN LOCATED IN MECH A112.
- ④ PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
- ⑤ EXISTING EQUIPMENT TO REMAIN.



KEY PLAN - 1ST FLOOR
N.T.S.

1 MECHANICAL FLOOR PLAN - LEVEL 1 - AREA H
Scale: 1/8" = 1'-0"

Date

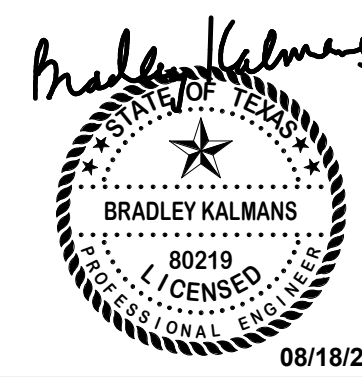
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien

Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



MECHANICAL FLOOR PLAN - LEVEL 1 - AREA H	
Job No. 01818-07-01	Sheet No.
Drawn By: JP	M1.05
Date: 06/18/2025	

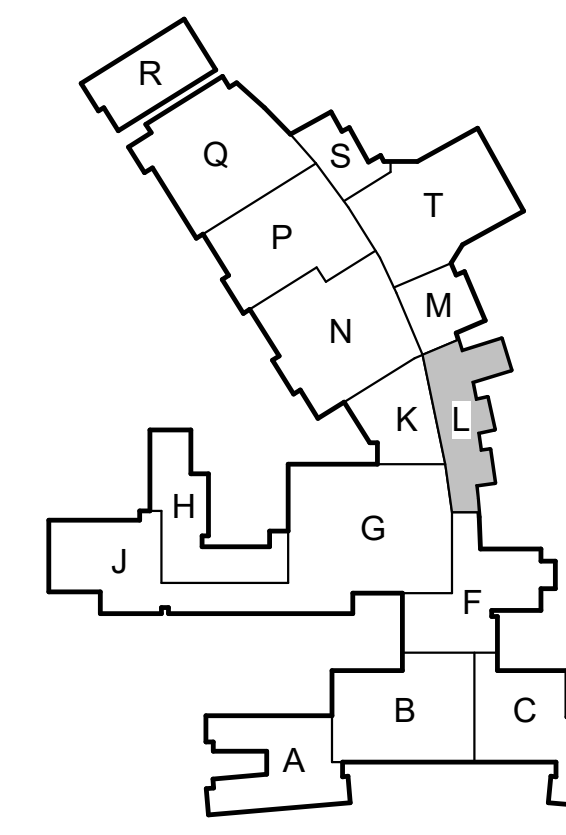


1 MECHANICAL FLOOR PLAN - LEVEL 1 - AREA L
Scale: 1/8" = 1'-0"

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

- GENERAL NOTES:**
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 2. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

- MECHANICAL KEYED NOTES:**
- ① AVERAGING SENSOR FOR AHU (ONE OF TWO).
 - ② ALL NEW DUCTWORK IN THIS ROOM TO BE INTERNALLY LINED WITH 2" FIBERGLASS DUCTWORK.



Date
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Salas O'Brien
Houston
10933 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00

BRADLEY KALMANIS
80219
REGISTERED
08/18/2025

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800.687.1229

MECHANICAL FLOOR PLAN - LEVEL 1 - AREA L	
Job No. 01818-07-01	Sheet No. M1.06
Drawn By: JP	Date: 08/18/2025



1 MECHANICAL FLOOR PLAN - LEVEL 1 - AREA N
Scale: 1/8" = 1'-0"

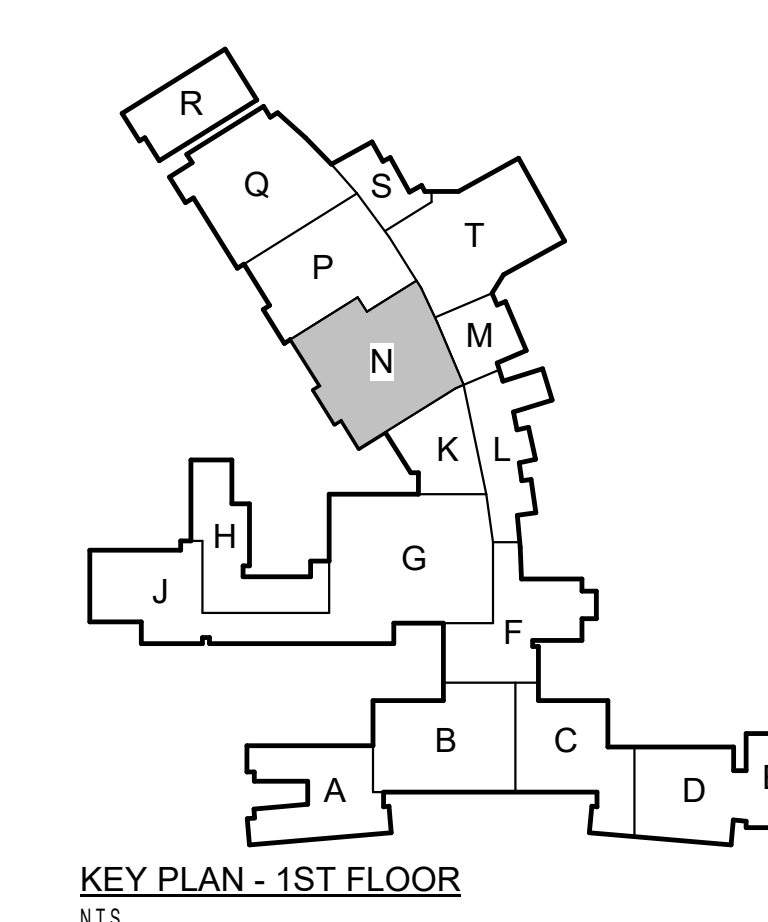
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GENERAL NOTES:

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MECHANICAL KEYED NOTES:

1. VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
2. ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF. SIZE PER MANUFACTURERS RECOMMENDATIONS.
3. ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS SHOWN. CONNECT TO EXISTING 3/4" CONDENSATE LINE. EXISTING LINE SHALL BE FLUSHED BEFORE CONNECTION.
4. PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
5. EXISTING EQUIPMENT TO REMAIN.



Date
Revision /

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FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

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Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00

Bradley Kallman
BRADLEY KALLMAN
8/21/2025
08/18/2025

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MECHANICAL FLOOR PLAN -
LEVEL 1 - AREA N

Job No. 01818-07-01	Sheet No.
Drawn By: JP	M1.07
Date: 08/18/2025	

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

GENERAL NOTES:

- 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.
- ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

MECHANICAL KEYED NOTES:

- VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
- ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF THRU SECOND FLOOR MECHANICAL ROOM P200. SIZE PER MANUFACTURERS RECOMMENDATIONS. REFER TO 2/M1.08 FOR CONTINUATION.
- ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS SHOWN. CONNECT TO EXISTING 3/4" CONDENSATE LINE. EXISTING LINE SHALL BE FLUSHED BEFORE CONNECTION.
- PROVIDE NEW TEMPERATURE SENSOR AND BMS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
- EXISTING EQUIPMENT TO REMAIN.
- REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF.

Date

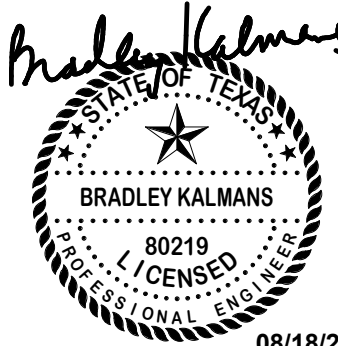
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien

Houston
10930 W. Sam Houston Pkwy North, Suite 600
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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MECHANICAL FLOOR PLAN -
LEVEL 1 - AREA P

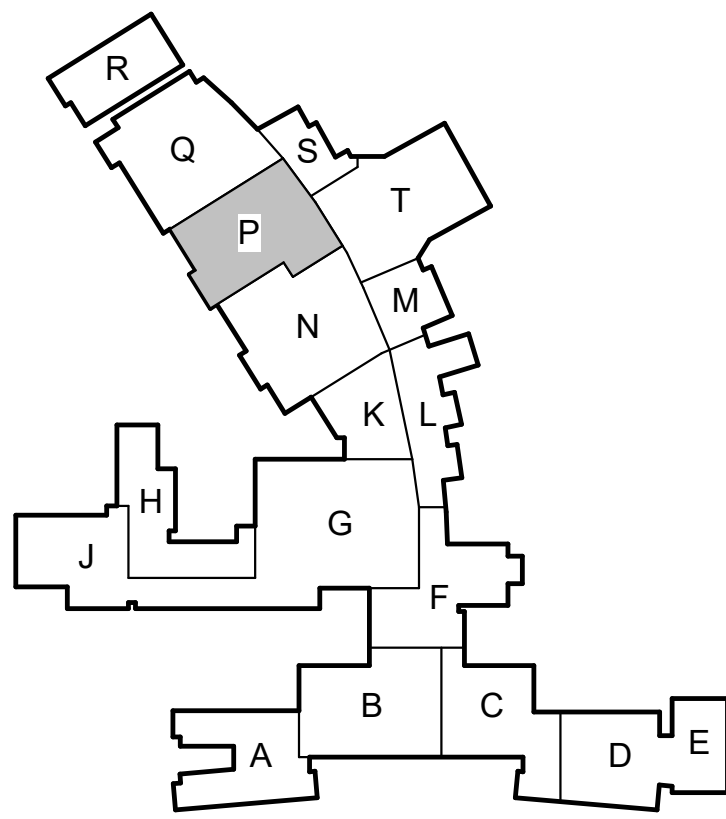
Job No.
01818-07-01

Drawn By:
JP

Date:
06/18/2025

Sheet No.

M1.08



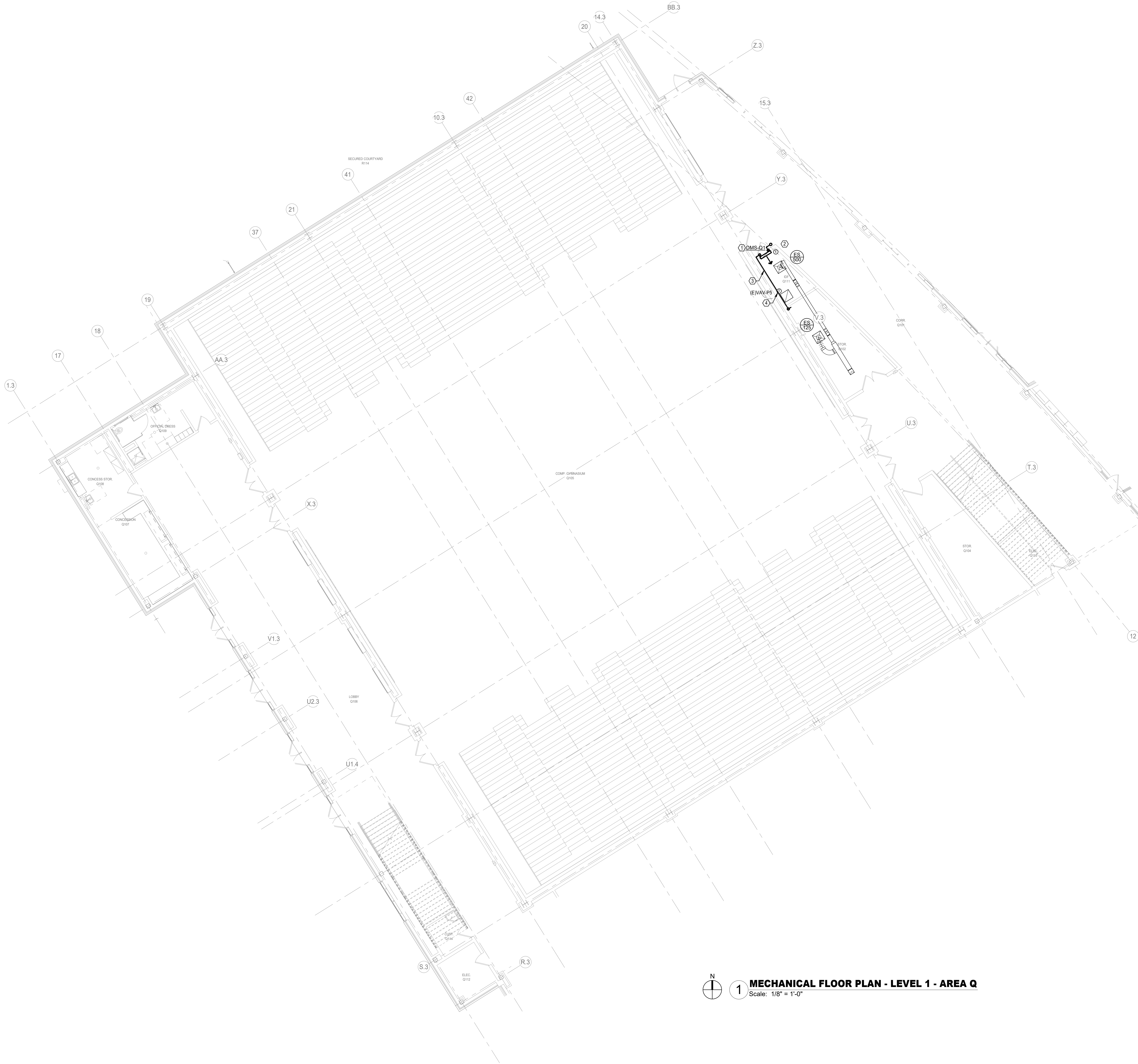
KEY PLAN - 1ST FLOOR
N.T.S.



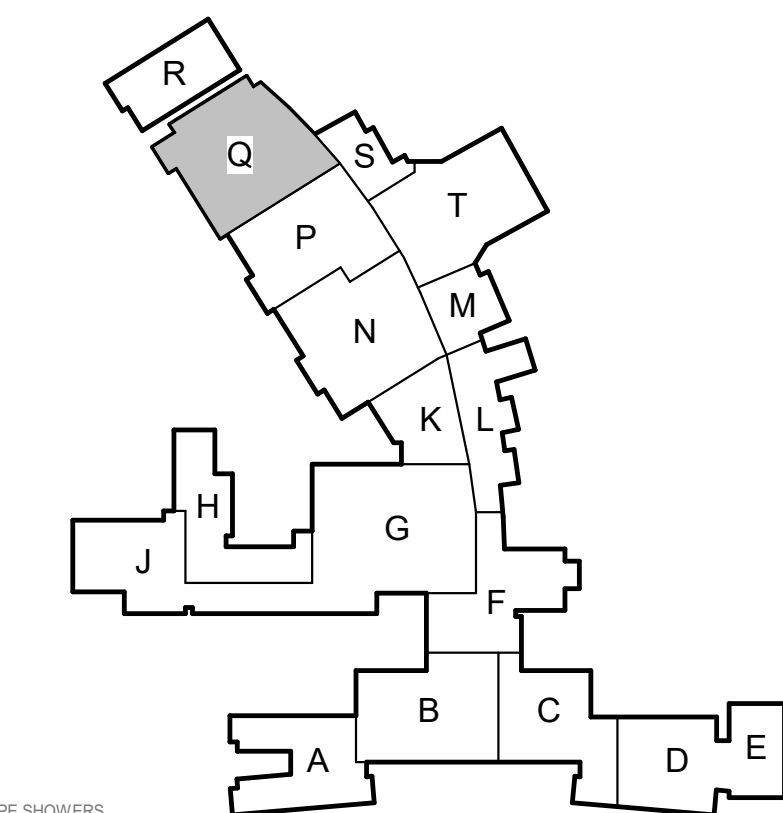
1 MECHANICAL FLOOR PLAN - LEVEL 1 - AREA P
Scale: 1/8" = 1'-0"



2 MECHANICAL FLOOR PLAN - LEVEL 2 - MECH P202
Scale: 1/4" = 1'-0"



1 MECHANICAL FLOOR PLAN - LEVEL 1 - AREA Q
Scale: 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

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CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

GENERAL NOTES:

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MECHANICAL KEYED NOTES:

- ① VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
- ② ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF THRU SECOND FLOOR MECHANICAL ROOM P200. SIZE PER MANUFACTURERS RECOMMENDATIONS. REFER TO 2011.08 FOR CONTINUATION.
- ③ ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS SHOWN TO EXISTING FLOOR DRAIN IN STOR Q102.
- ④ PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

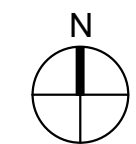
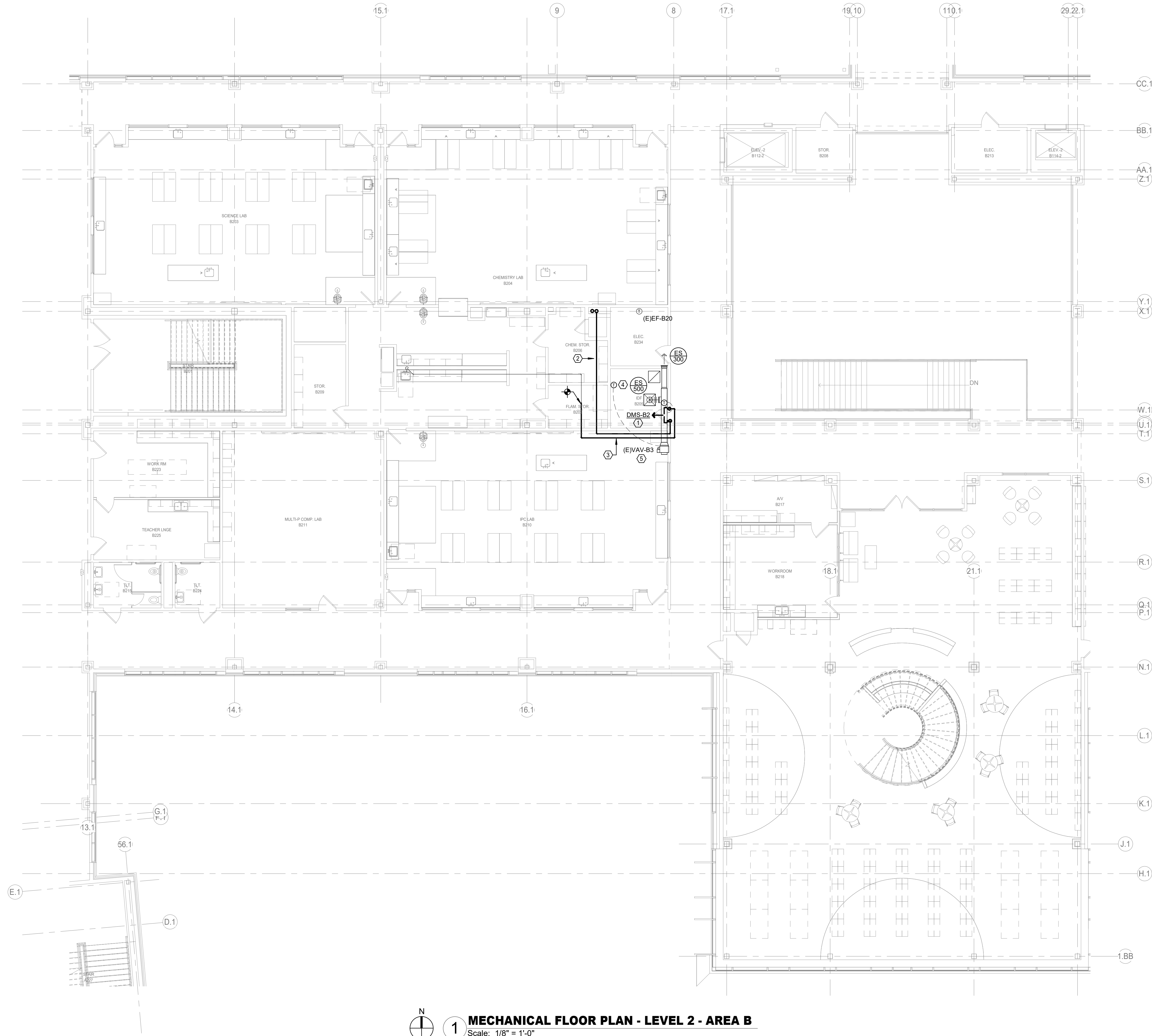
Salas O'Brien
Houston
10933 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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MECHANICAL FLOOR PLAN -
LEVEL 1 - AREA Q

Job No. 01818-07-01	Sheet No.
Drawn By: JP	M1.09
Date: 06/18/2025	



1 MECHANICAL FLOOR PLAN - LEVEL 2 - AREA B
Scale: 1/8" = 1'-0"

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

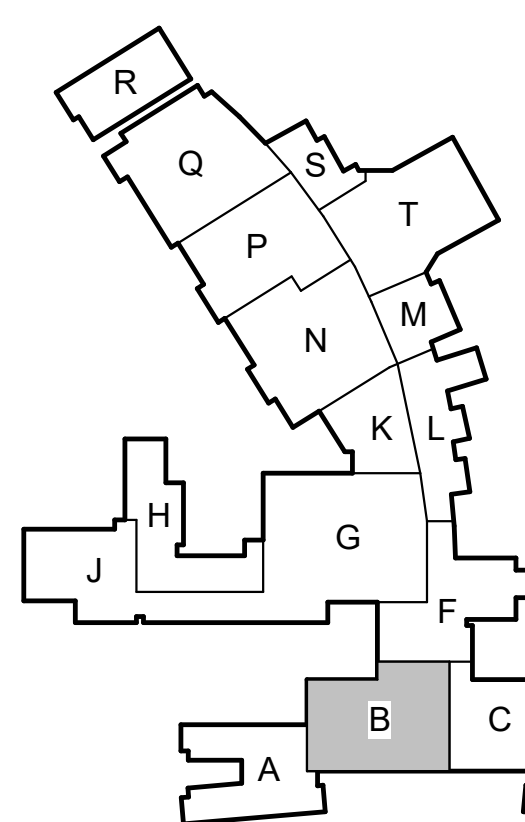
CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

GENERAL NOTES:

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MECHANICAL KEYED NOTES:

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- ② ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF SIZE PER MANUFACTURERS RECOMMENDATIONS. REFER TO 1/M.1.15 FOR CONTINUATION.
- ③ ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS SHOWN, CONNECT TO EXISTING 3/4" CONDENSATE LINE. EXISTING LINE SHALL BE FLUSHED BEFORE CONNECTION.
- ④ PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
- ⑤ EXISTING EQUIPMENT TO REMAIN.



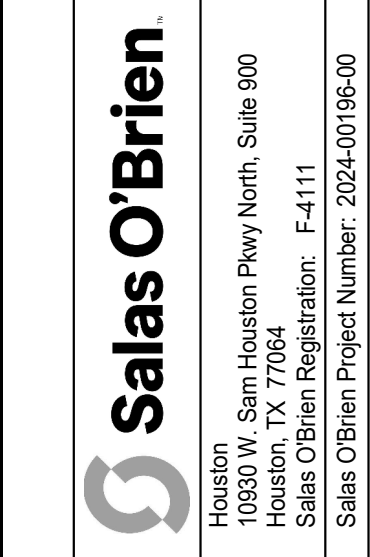
KEY PLAN - 1ST FLOOR
N.T.S.

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



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MECHANICAL FLOOR PLAN -
LEVEL 2 - AREA B

Job No.
01818-07-01

Drawn By:
JP

Date:
06/19/2025

Sheet No.
M1.11

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

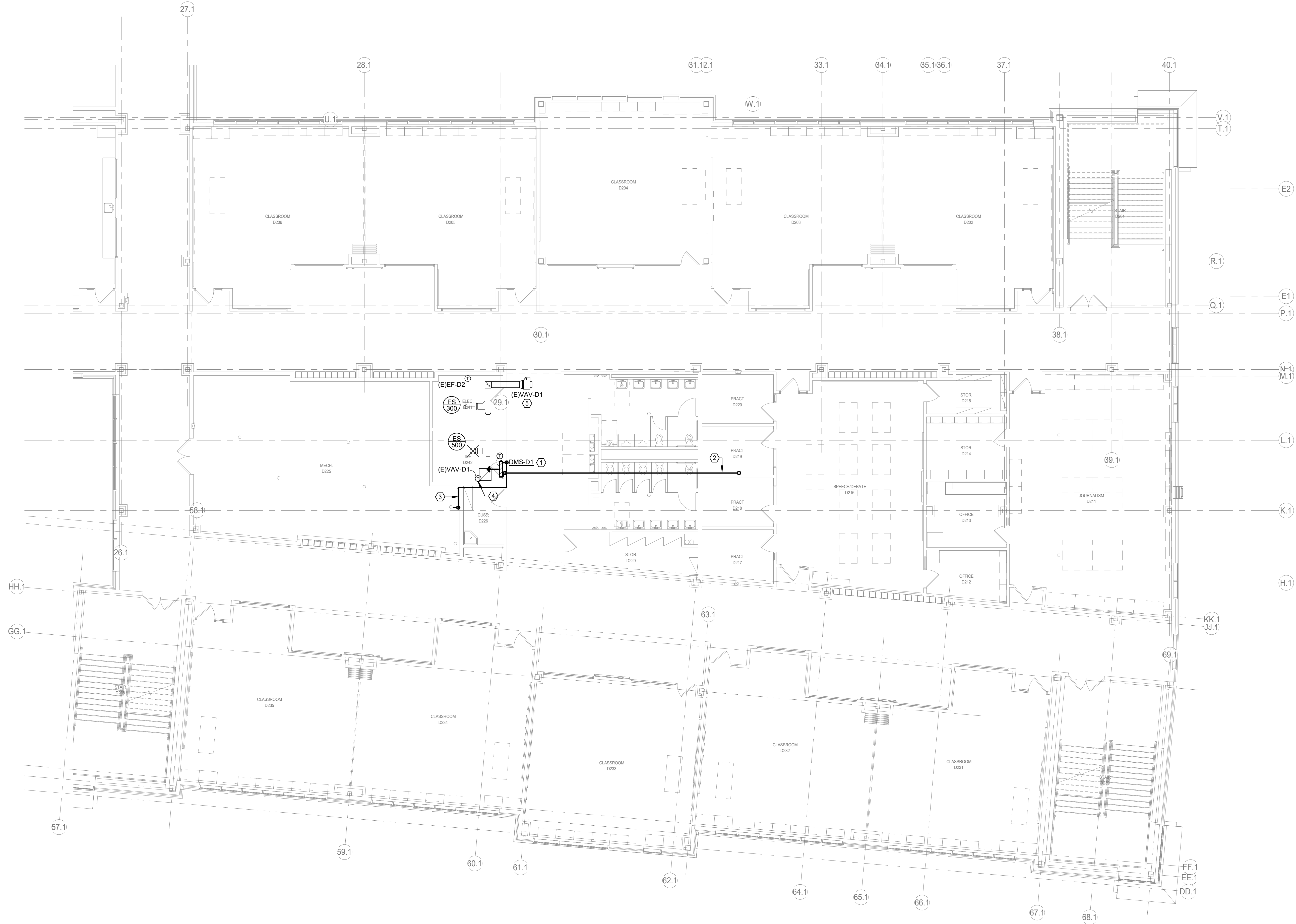
CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

GENERAL NOTES:

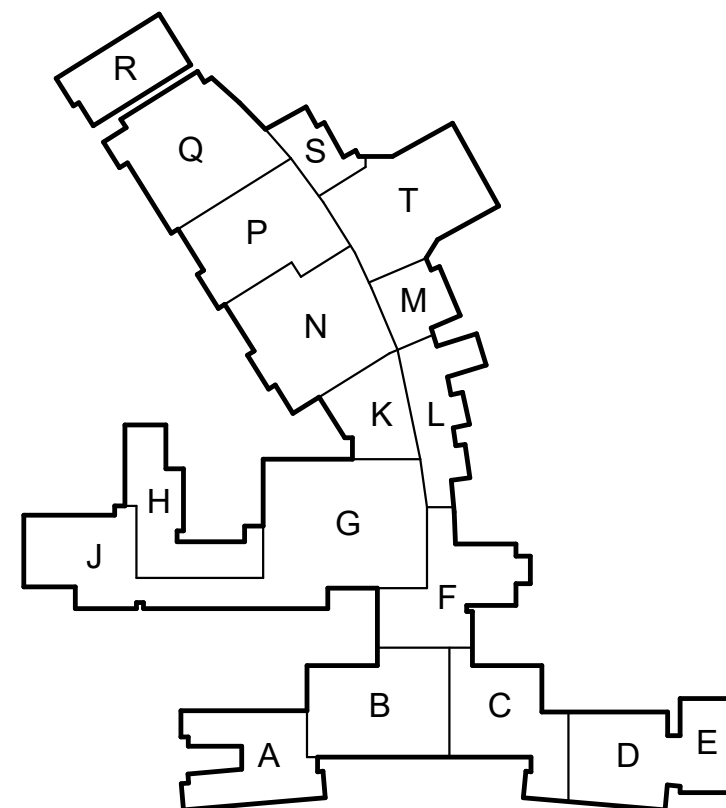
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- ② ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF. SIZE PER MANUFACTURERS RECOMMENDATIONS. REFER TO 1/2" O.D. FOR CONTINUATION.
- ③ ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN LOCATED IN MECH D225.
- ④ PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
- ⑤ EXISTING EQUIPMENT TO REMAIN.



1 MECHANICAL FLOOR PLAN - LEVEL 2 - AREA D
Scale: 1/8" = 1'-0"



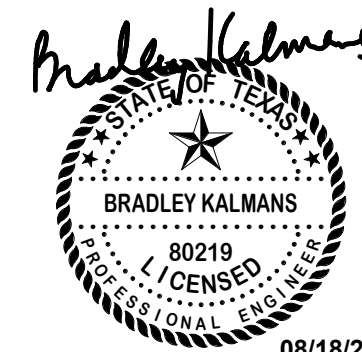
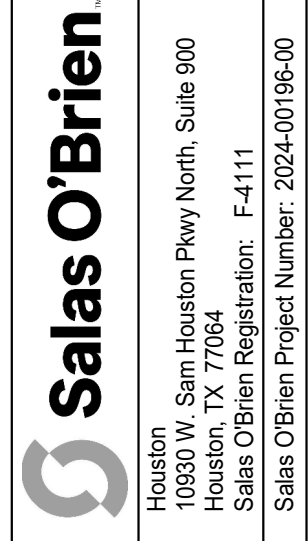
KEY PLAN - 1ST FLOOR
N.T.S.

Date

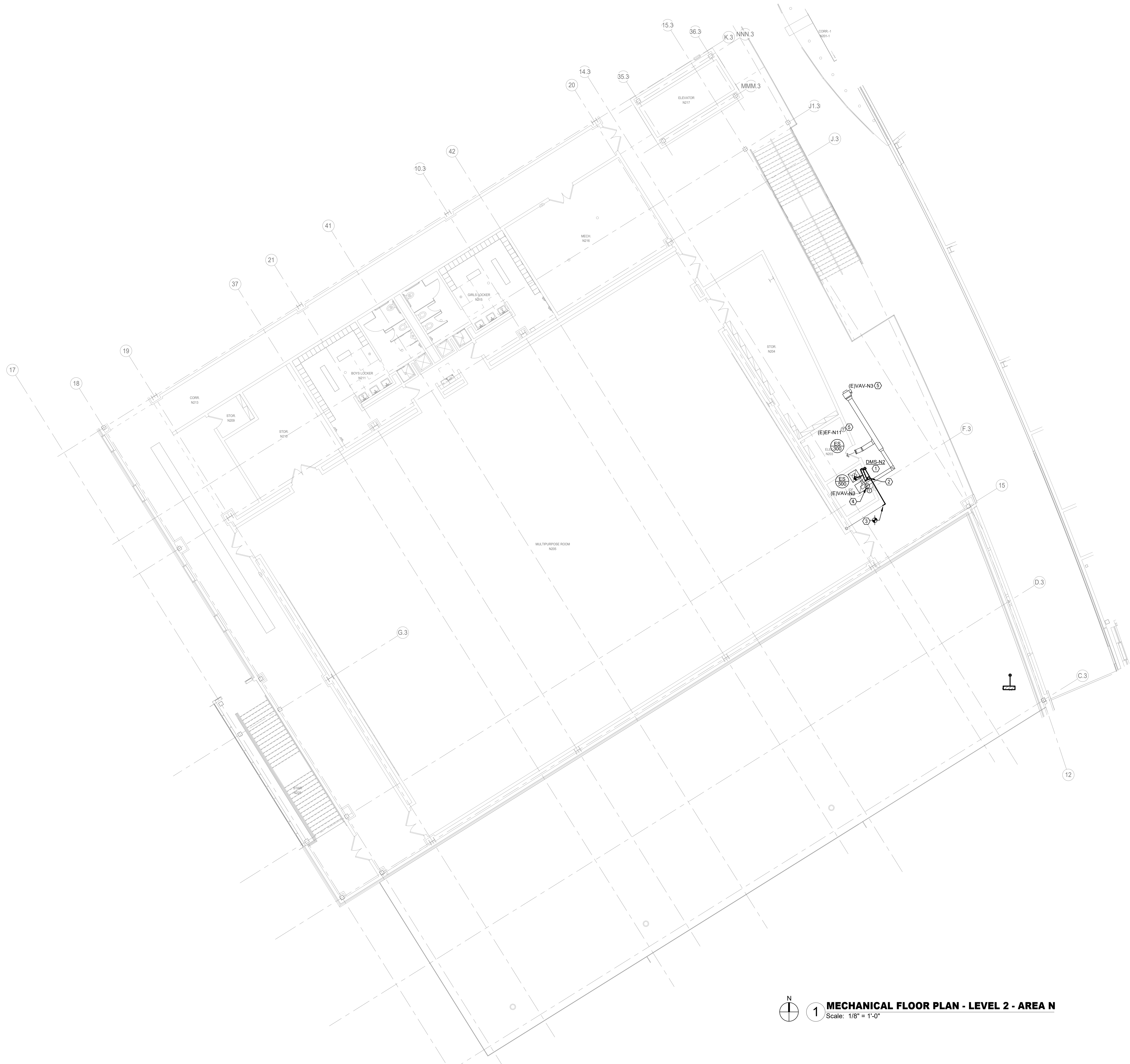
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



MECHANICAL FLOOR PLAN - LEVEL 2 - AREA D	
Job No. 01818-07-01	Sheet No. M1.12
Drawn By: JP	
Date: 06/19/2025	



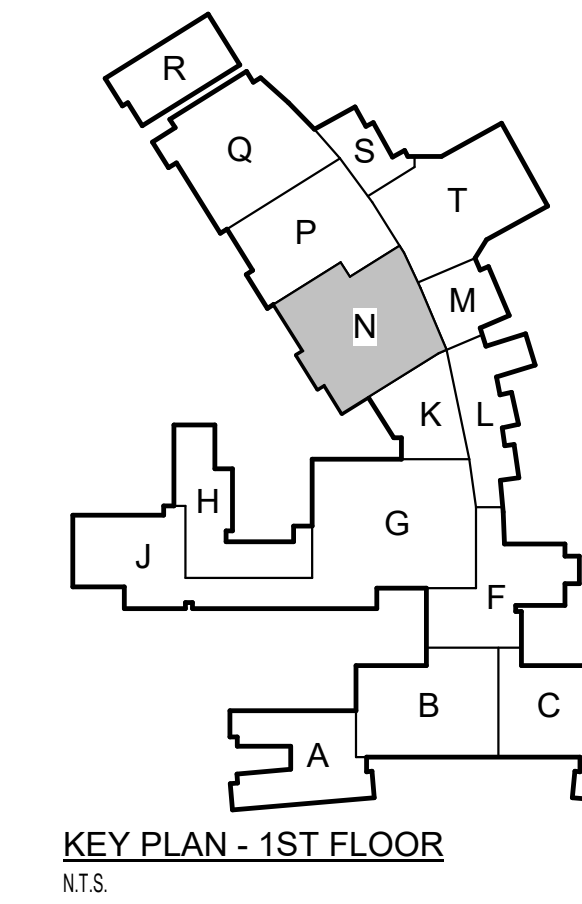
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2. ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF SIZE PER MANUFACTURERS RECOMMENDATIONS. REFER TO 1/M1.15 FOR CONTINUATION.
3. ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS SHOWN, CONNECT TO EXISTING 3/4" CONDENSATE LINE. EXISTING LINE SHALL BE FLUSHED BEFORE CONNECTION.
4. PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
5. EXISTING EQUIPMENT TO REMAIN.

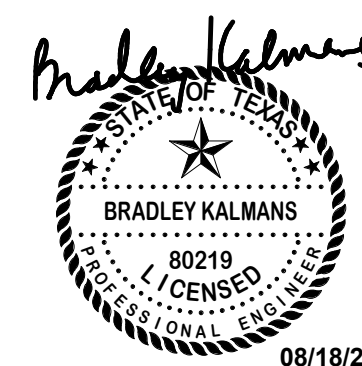
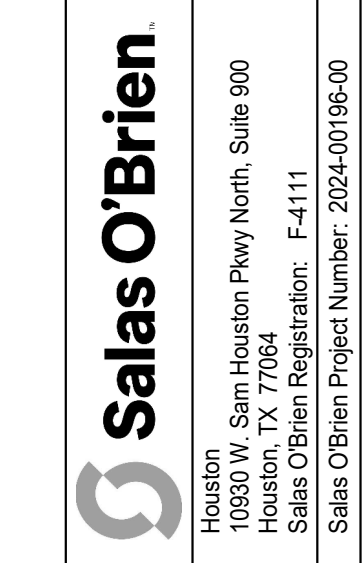


Date

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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



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MECHANICAL FLOOR PLAN -
LEVEL 2 - AREA N

Job No. 01818-07-01	Sheet No.
Drawn By: JP	M1.13
Date: 06/19/2025	



1 MECHANICAL FLOOR PLAN - LEVEL 3 - AREA A
Scale: 1/8" = 1'-0"

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

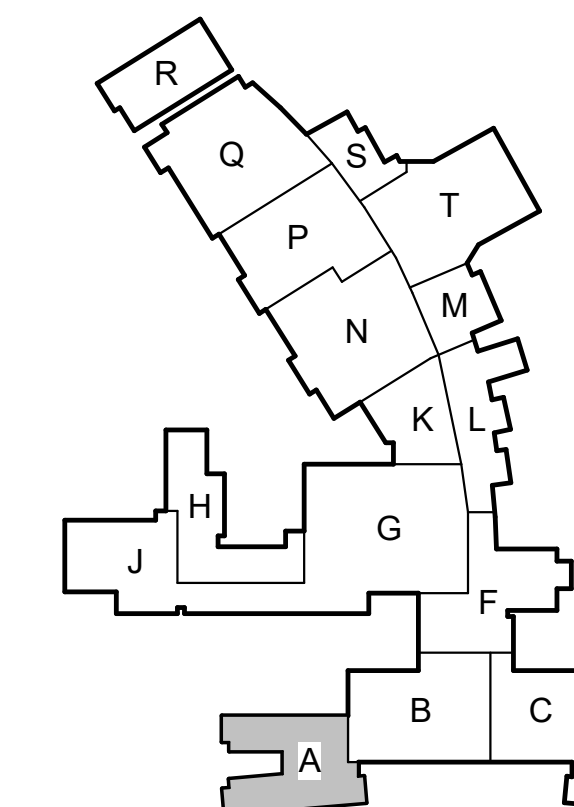
CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

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MECHANICAL KEYED NOTES:

1. VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
2. ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF SIZE PER MANUFACTURERS RECOMMENDATIONS. REFER TO 1/M2.01 FOR CONTINUATION.
3. ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN LOCATED IN MECH A312.
4. PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
5. EXISTING EQUIPMENT TO REMAIN.
6. REFRIGERANT LINE UP FROM DMS-A1 IN AREA A LEVEL 1 UP TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF. REFER TO 1/M2.01 FOR CONTINUATION.



KEY PLAN - 1ST FLOOR
N.T.S.

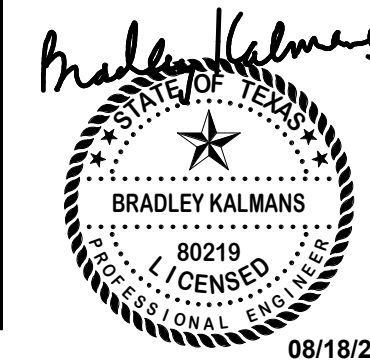
Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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MECHANICAL FLOOR PLAN -
LEVEL 3 - AREA A

Job No. 01818-07-01	Sheet No.
Drawn By: JP	M1.14
Date: 06/19/2025	

GENERAL NOTES:

- MECHANICAL KEYED NOTES:**

- 1 VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
- 2 ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF. SIZE REFRIGERANTERS RECOMMENDATIONS. REFER TO 1M2.01 FOR CONTINUATION.
- 3 ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS SHOWN. IN ORDER TO EXIST 3/4" CONDENSATE LINE. EXISTING LINE SHALL BE FLUSHED BEFORE CONNECTION.
- 4 PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
- 5 EXISTING EQUIPMENT TO REMAIN.
- 6 REFRIGERANT LINE UP FROM FLOOR BELOW TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF. REFER TO 1M2.01 FOR CONTINUATION.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433



Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00

Bradley Kalmans



08/18/2024

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800.687.1229

MECHANICAL FLOOR PLAN - LEVEL 3 - AREA B

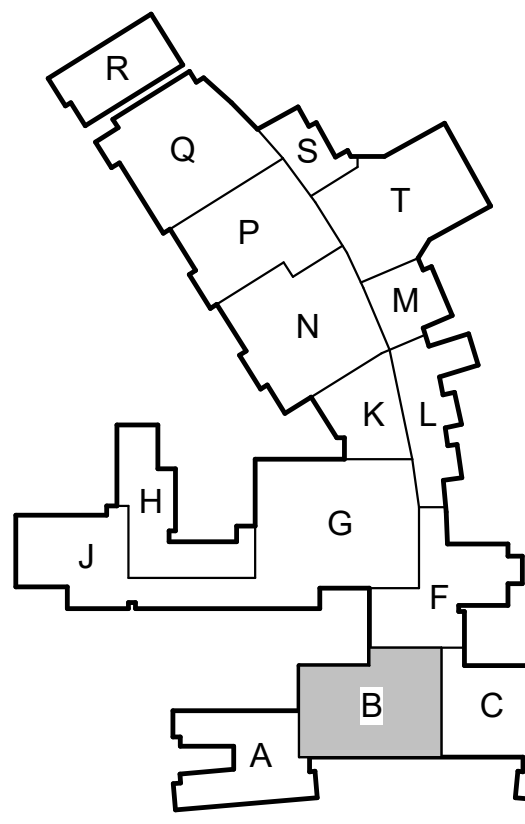
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Drawn By:

te-

Sheet No.

M1.15

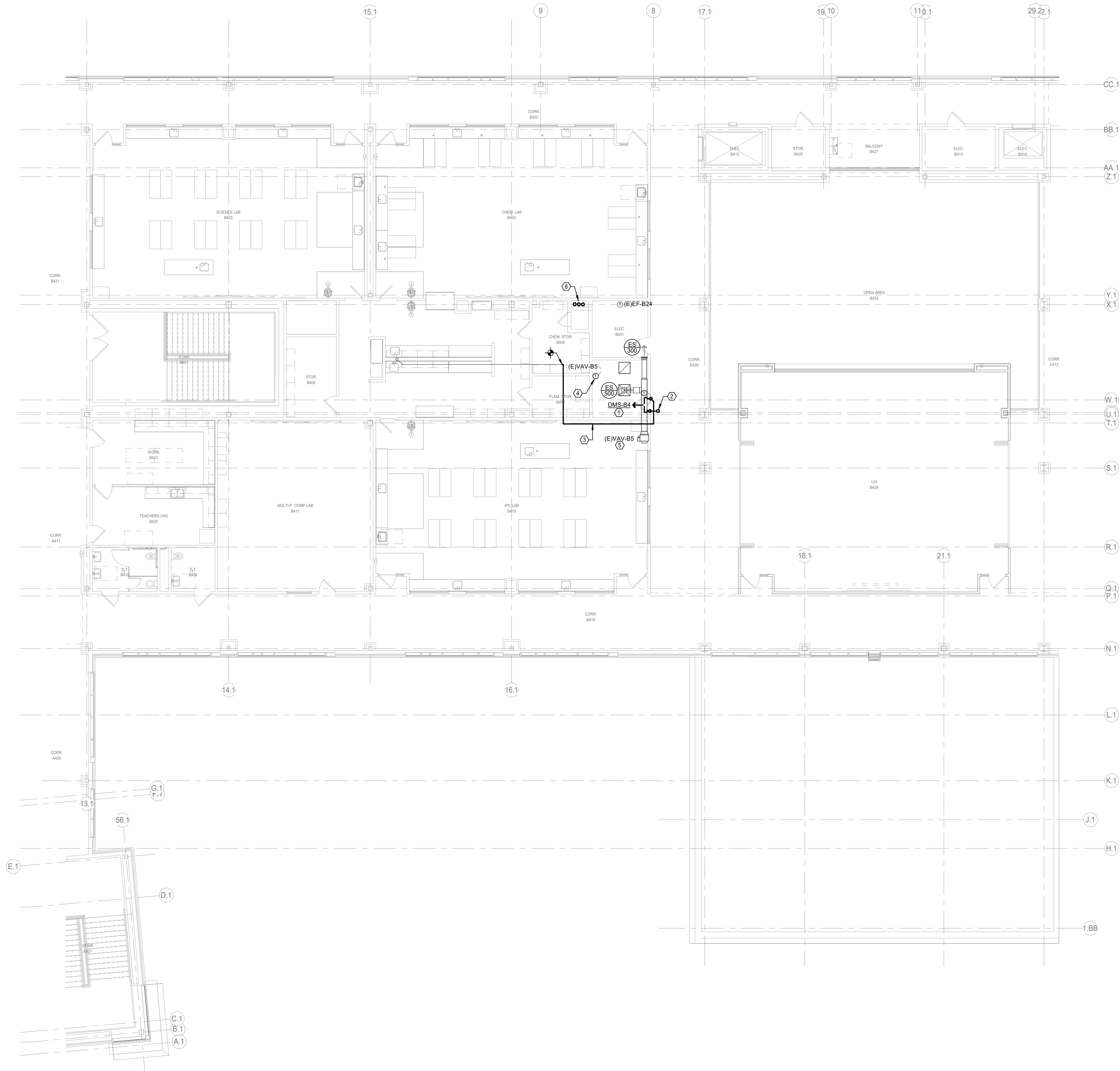


KEY PLAN - 1ST FLOOR
N.T.S.

1

MECHANICAL FLOOR PLAN - LEVEL 3 - AREA B

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



1 MECHANICAL FLOOR PLAN - LEVEL 4 - AREA B
Scale: 1/8" = 1'-0"

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

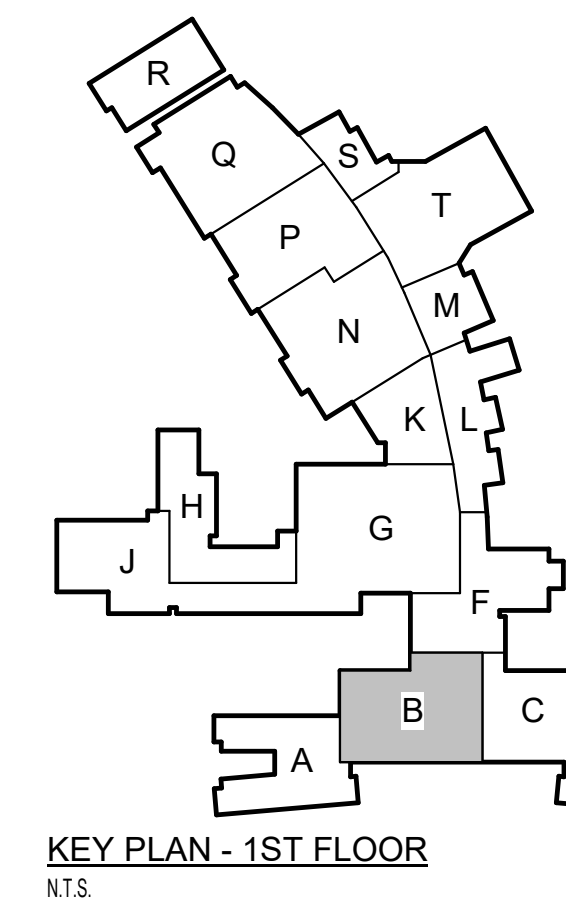
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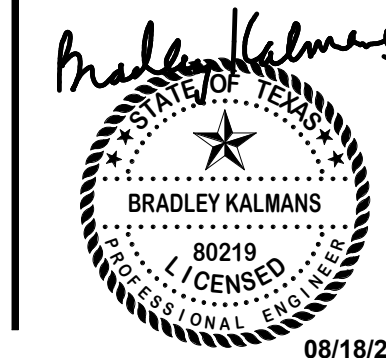
MECHANICAL KEYED NOTES:

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- ③ ROUTE FULL SIZE CONDENSATE DRAIN PIPE AS SHOWN, CONNECT TO EXISTING 3/4" CONDENSATE LINE. EXISTING LINE SHALL BE FLUSHED BEFORE CONNECTION.
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- ⑤ EXISTING EQUIPMENT TO REMAIN.
- ⑥ REFRIGERANT LINE UP FROM FLOOR BELOW TO ASSOCIATED AIR COOLED CONDENSING UNIT ON ROOF REFER TO 1M2.01 FOR CONTINUATION.



2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Salas O'Brien
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Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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MECHANICAL FLOOR PLAN -
LEVEL 4 - AREA B

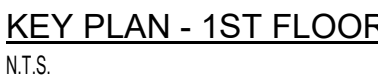
Job No. 01818-07-01	Sheet No.
Drawn By: JP	M1.16
Date: 06/18/2025	

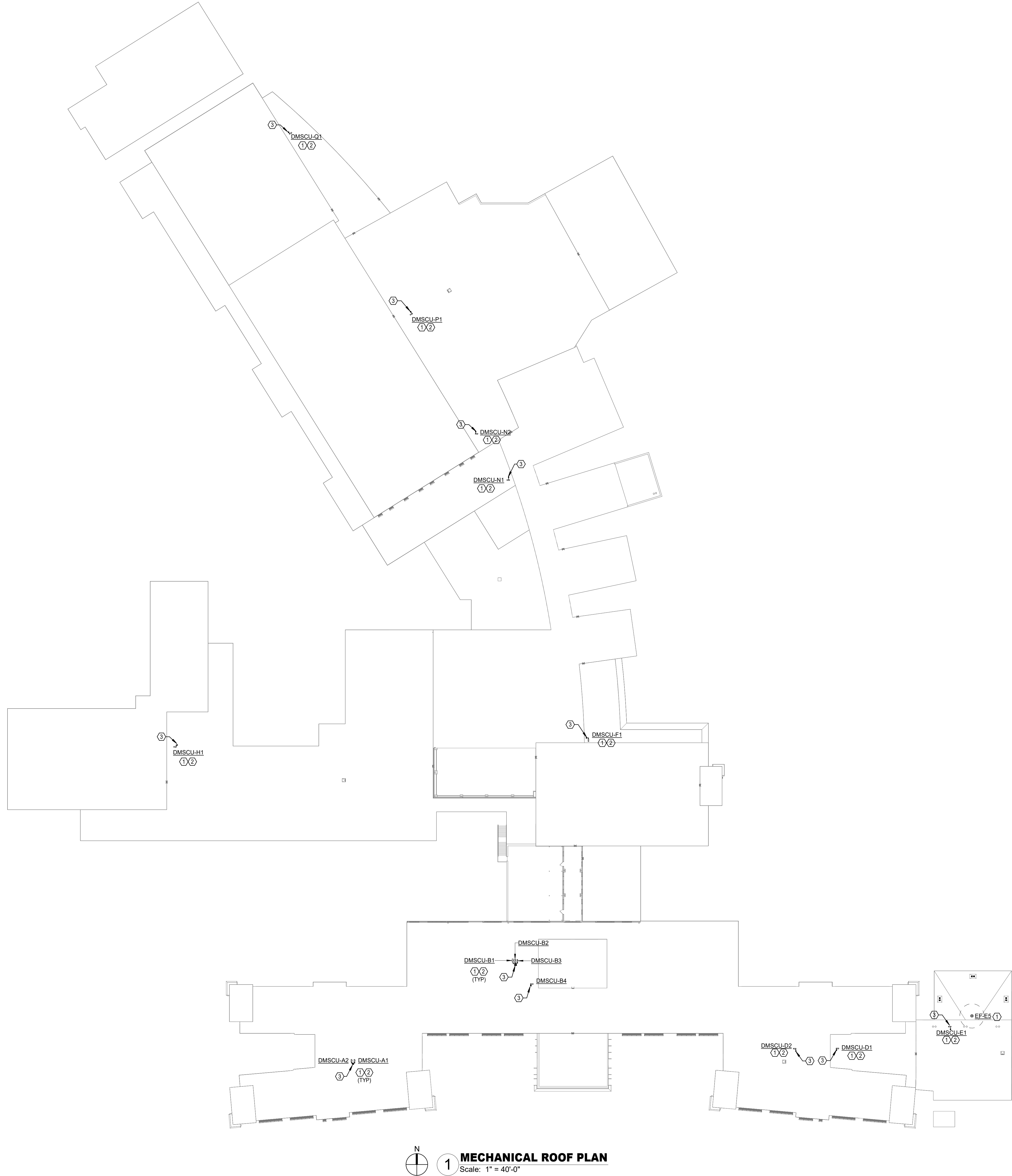
GENERAL NOTES:

1. 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.
2. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

MECHANICAL KEYED NOTES:

- ① VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT OBSTRUCT.
- ② ROUTE REFRIGERANT LINES TO ASSOCIATED AIR COOLING CONDENSING UNIT ON ROOF SIZE PER MANUFACTURER RECOMMENDATIONS. REFER TO 1/M2.01 FOR CONTINUATION.
- ③ ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN LOCATED IN MECH D414.
- ④ PROVIDE NEW TEMPERATURE SENSOR AND BMCS MONITORING AS INDICATED. EXISTING LOCATION AND WIRING SHALL BE REUSED.
- ⑤ EXISTING EQUIPMENT TO REMAIN.





MECHANICAL ROOF PLAN
Scale: 1" = 40'-0"

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

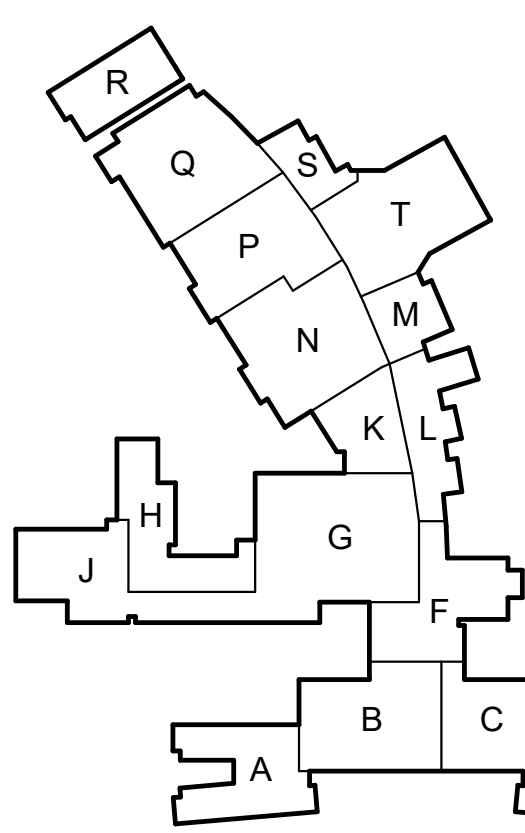
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MECHANICAL KEYED NOTES:

- ① VERIFY SERVICE CLEARANCE WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
- ② MOUNT CONDENSING UNIT TO UNISTRUT RACK. REFER TO ARCHITECTURAL AND STRUCTURAL EQUIPMENT SUPPORT DETAIL.
- ③ RE: #101M-01 FOR INSULATED PIPE THRU ROOF DETAIL.

NOTE: 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.



Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

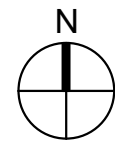
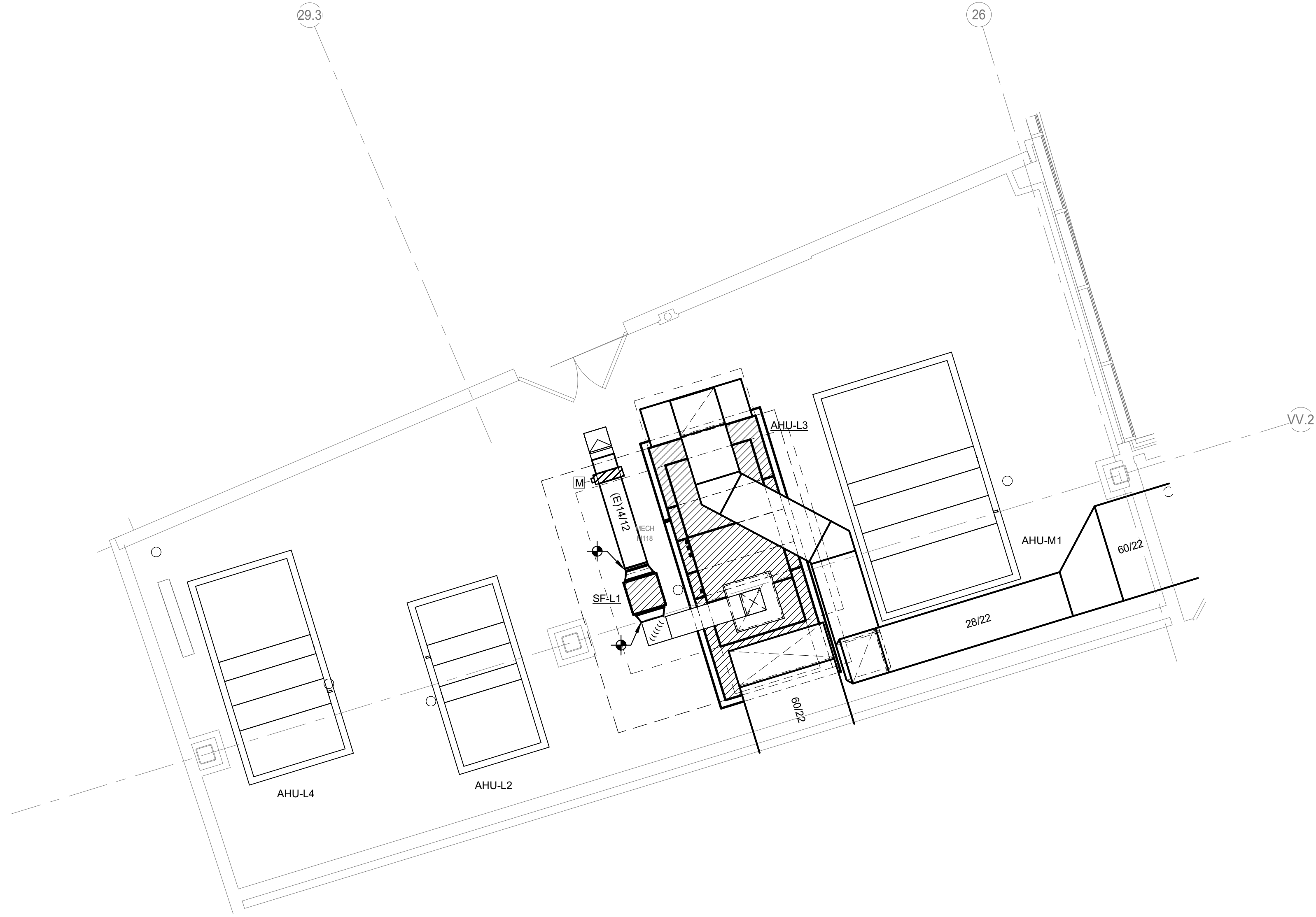
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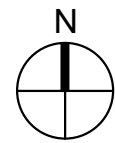
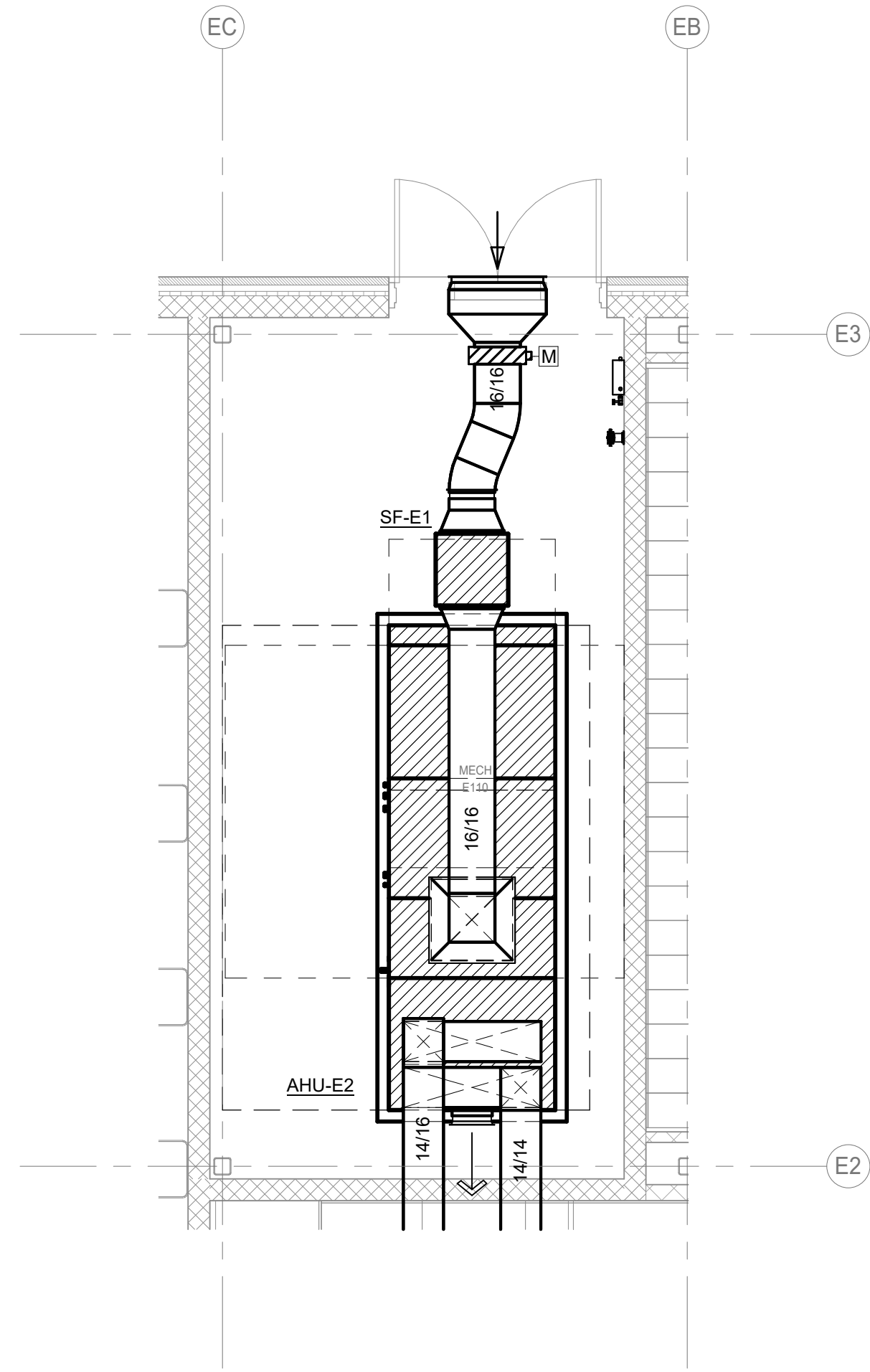
MECHANICAL ROOF PLAN

Job No.
01818-07-01
Drawn By:
JP
Date:
08/18/2025

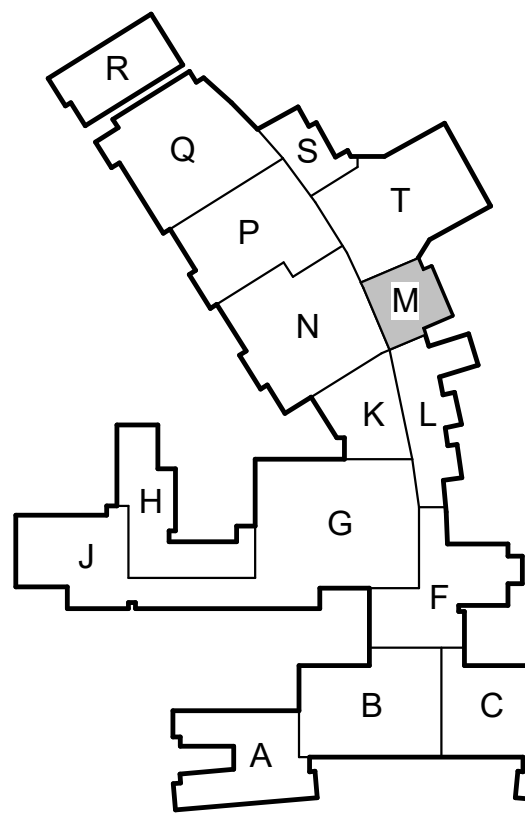
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2 ENLARGED MECHANICAL ROOM - MECH M118
Scale: 1/4" = 1'-0"



1 ENLARGED MECHANICAL ROOM - MECH E110
Scale: 1/4" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

CONTRACTOR SHALL PROVIDE DEHUMIDIFICATION DURING THE 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 LEVEL THAT CAN DAMAGE INTERIOR BUILDING MATERIALS, BOOKS AND ELECTRONIC EQUIPMENT.

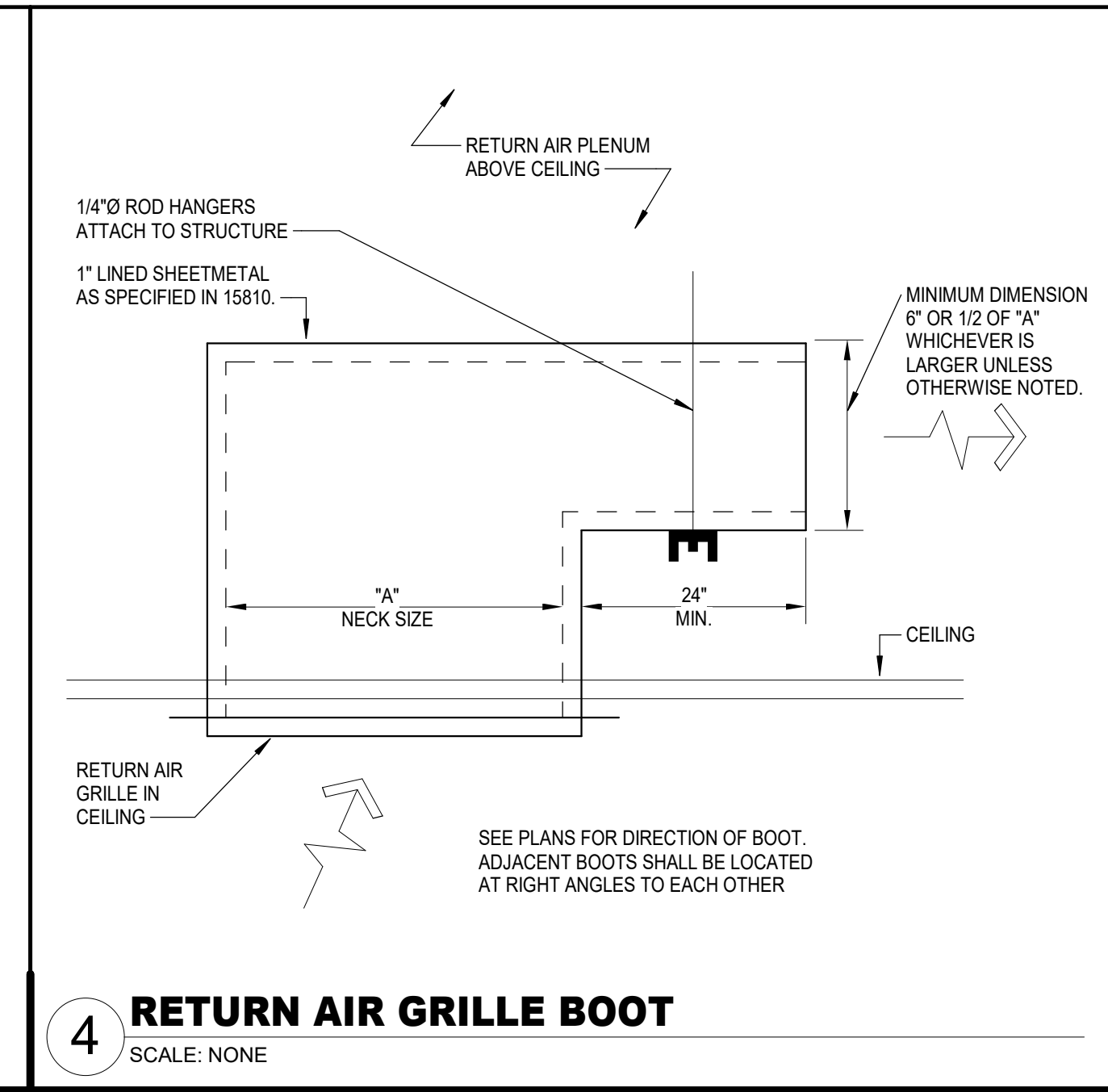
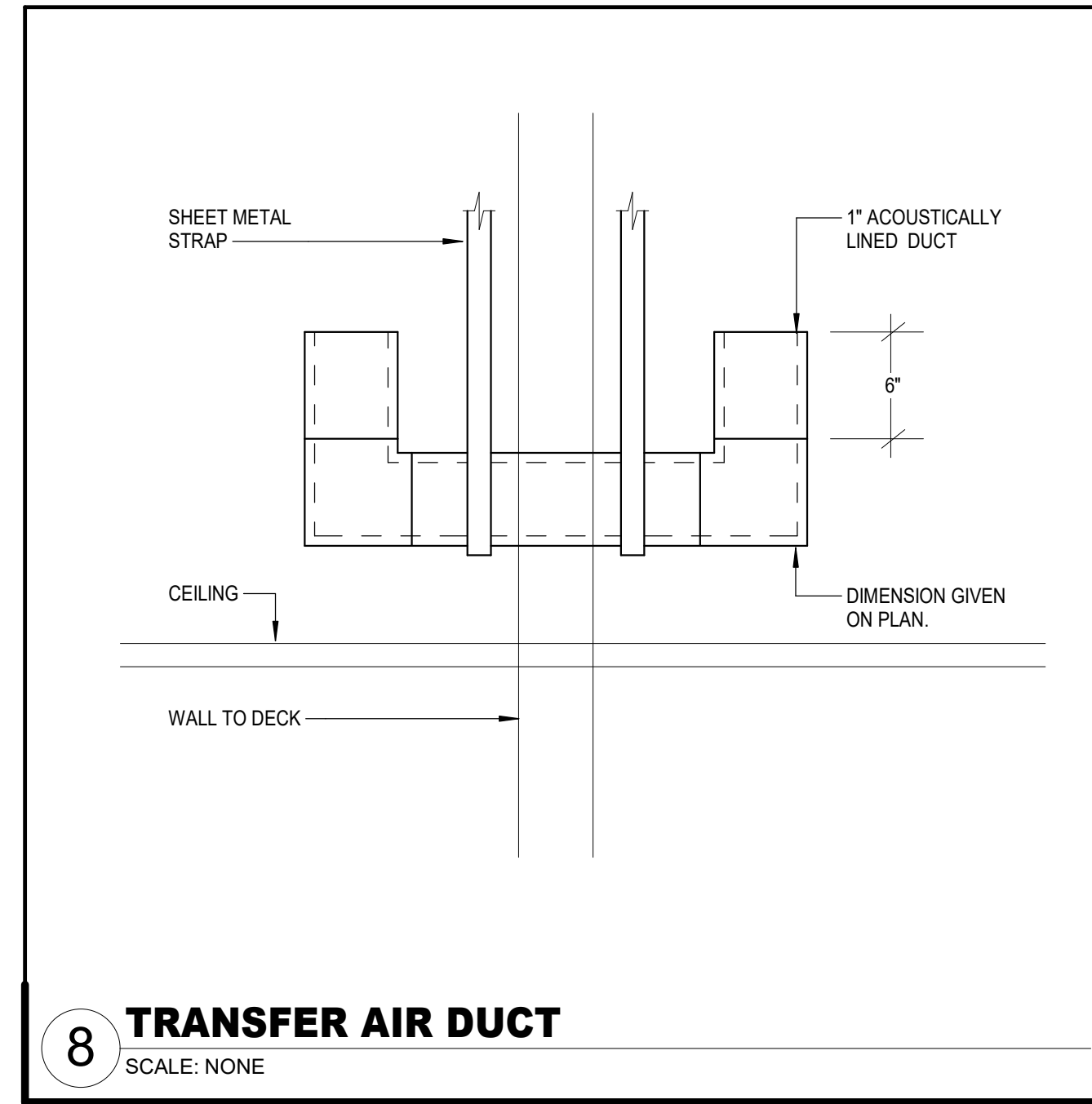
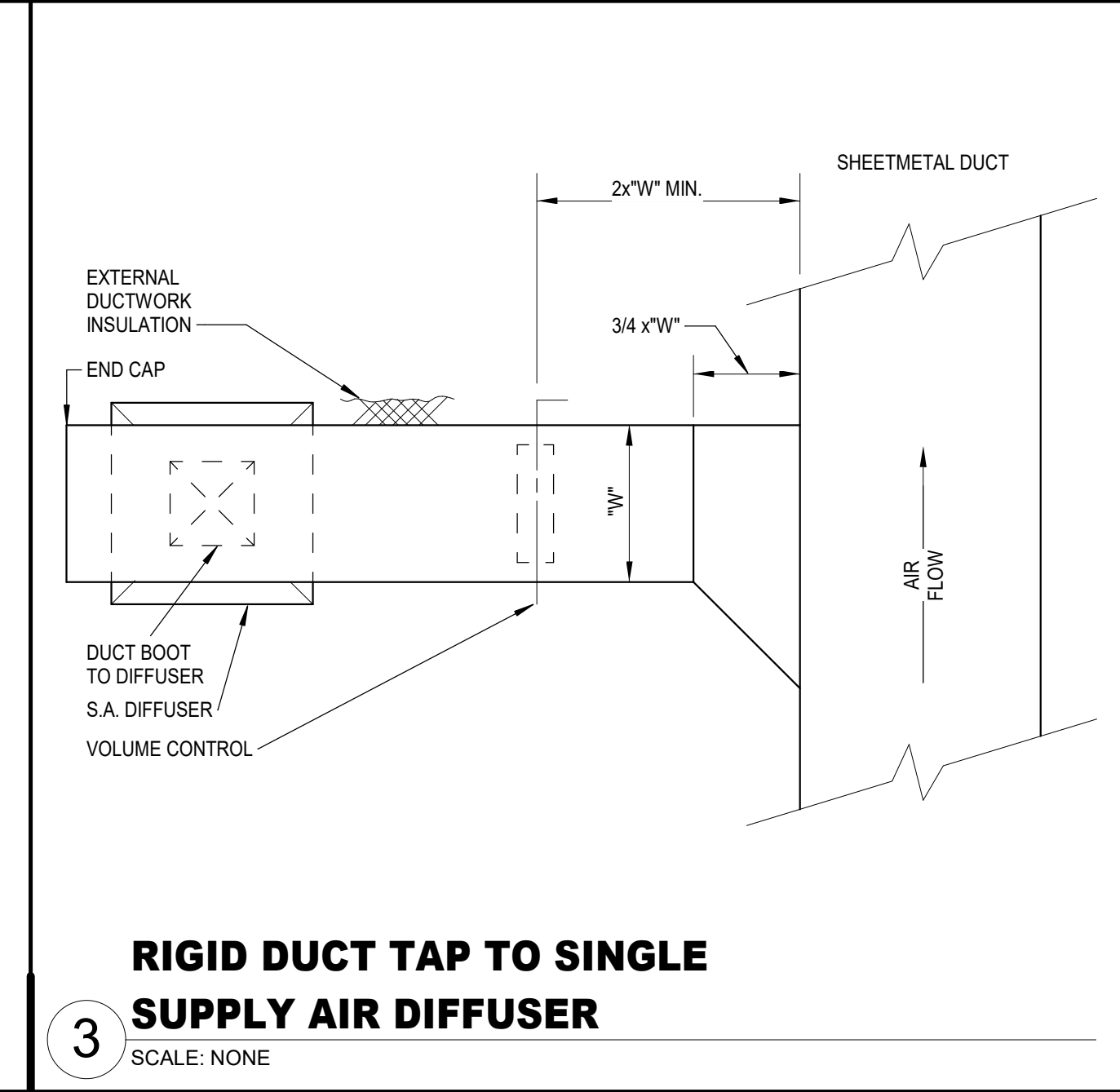
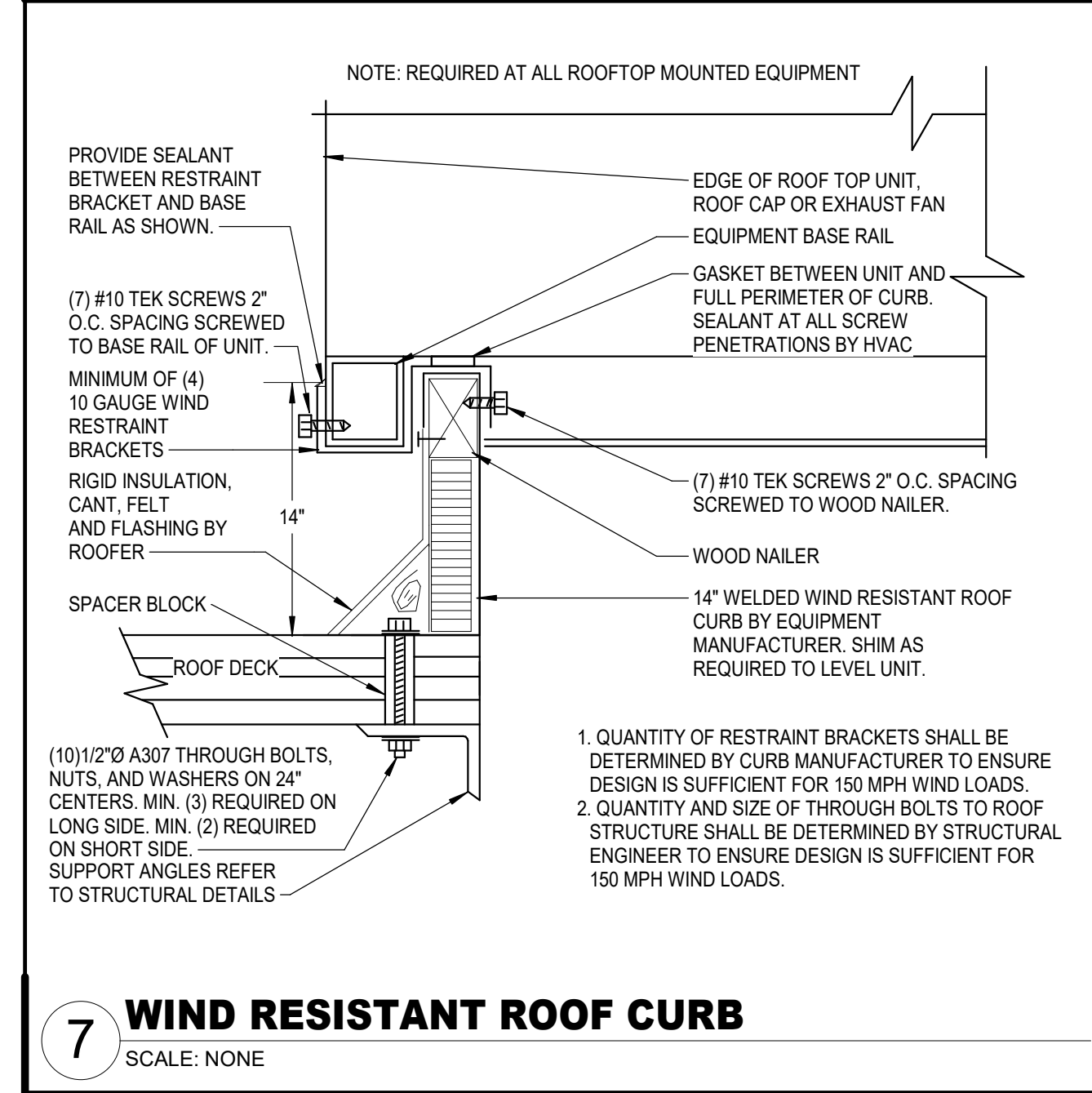
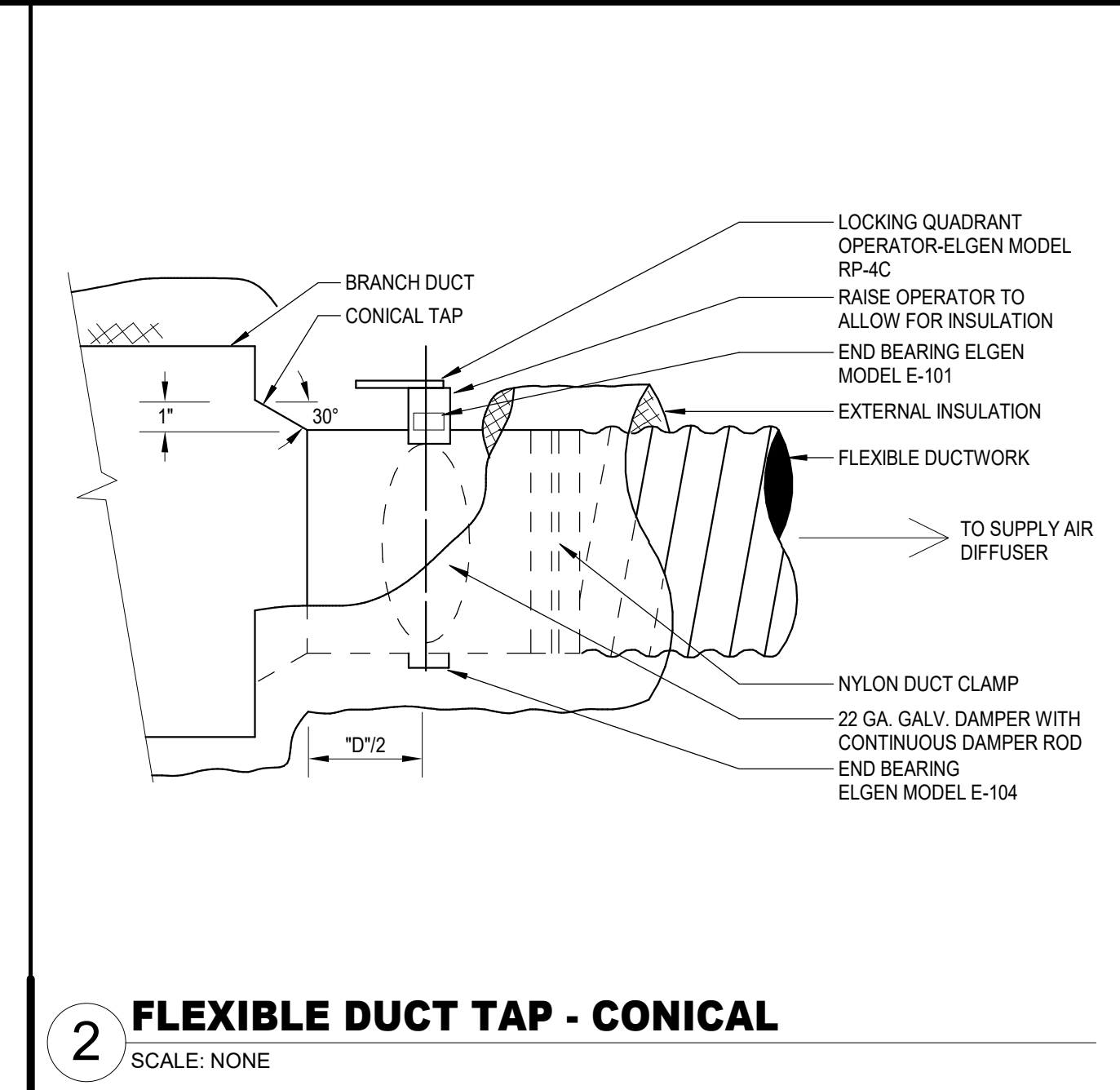
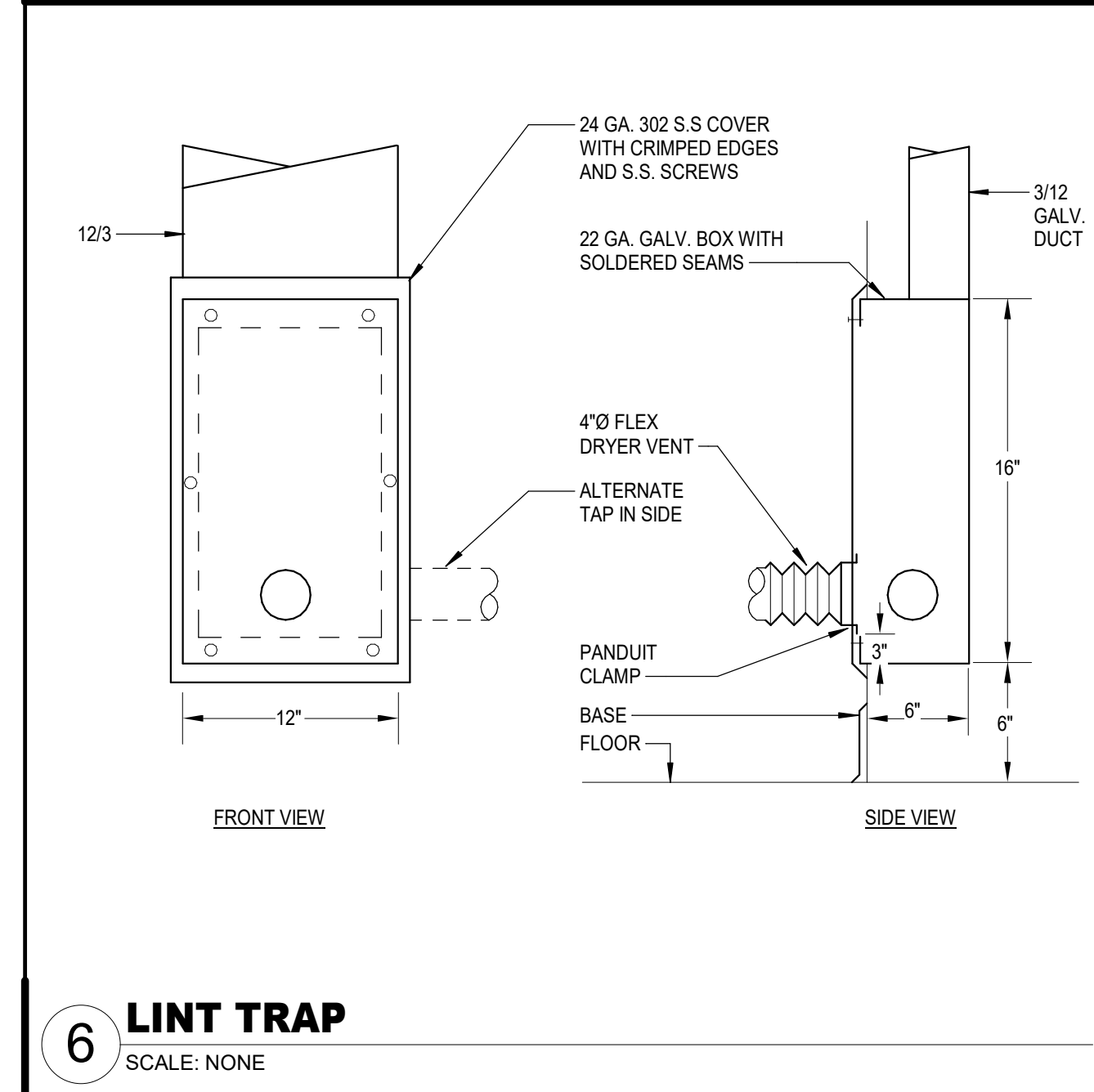
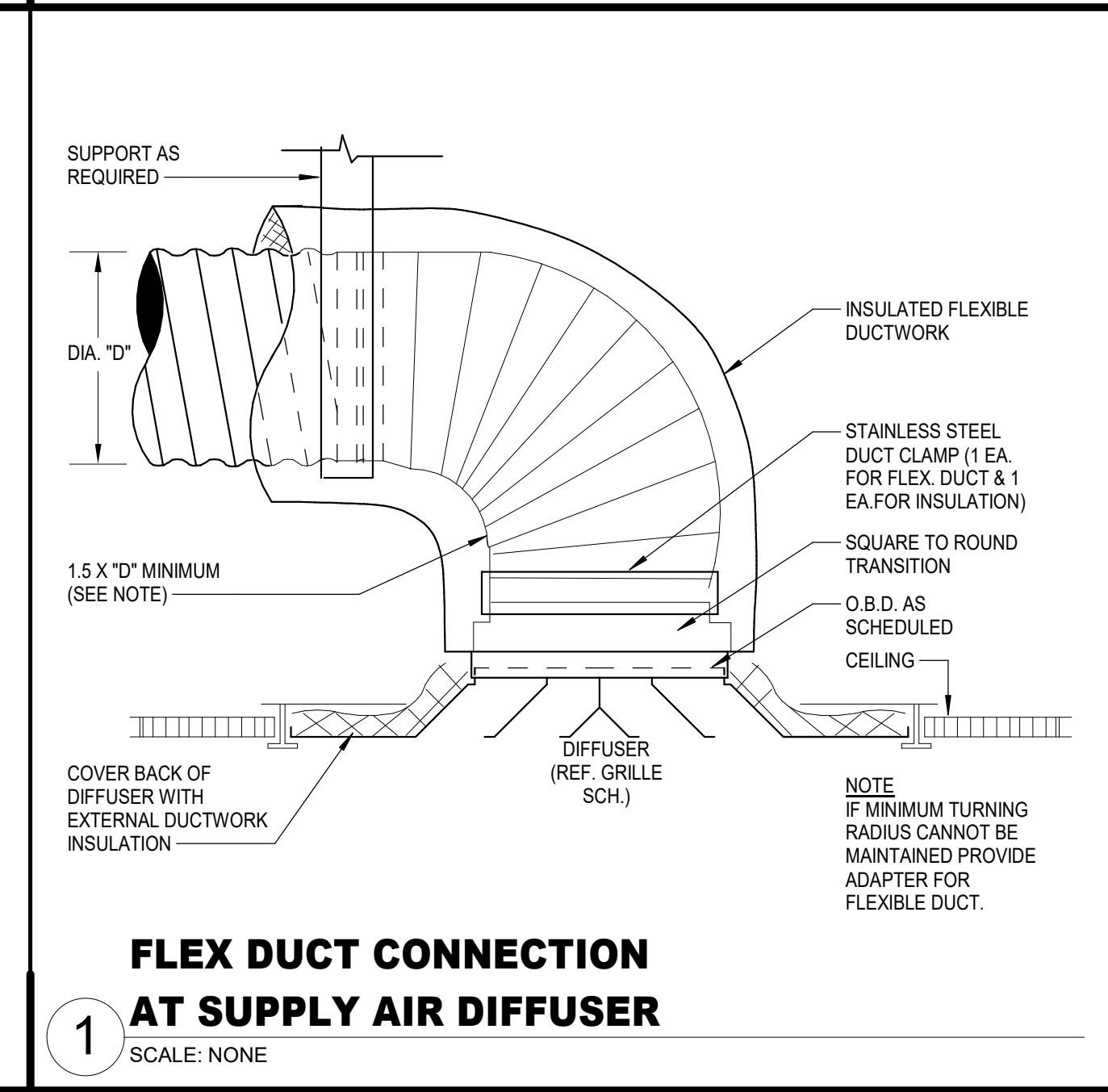
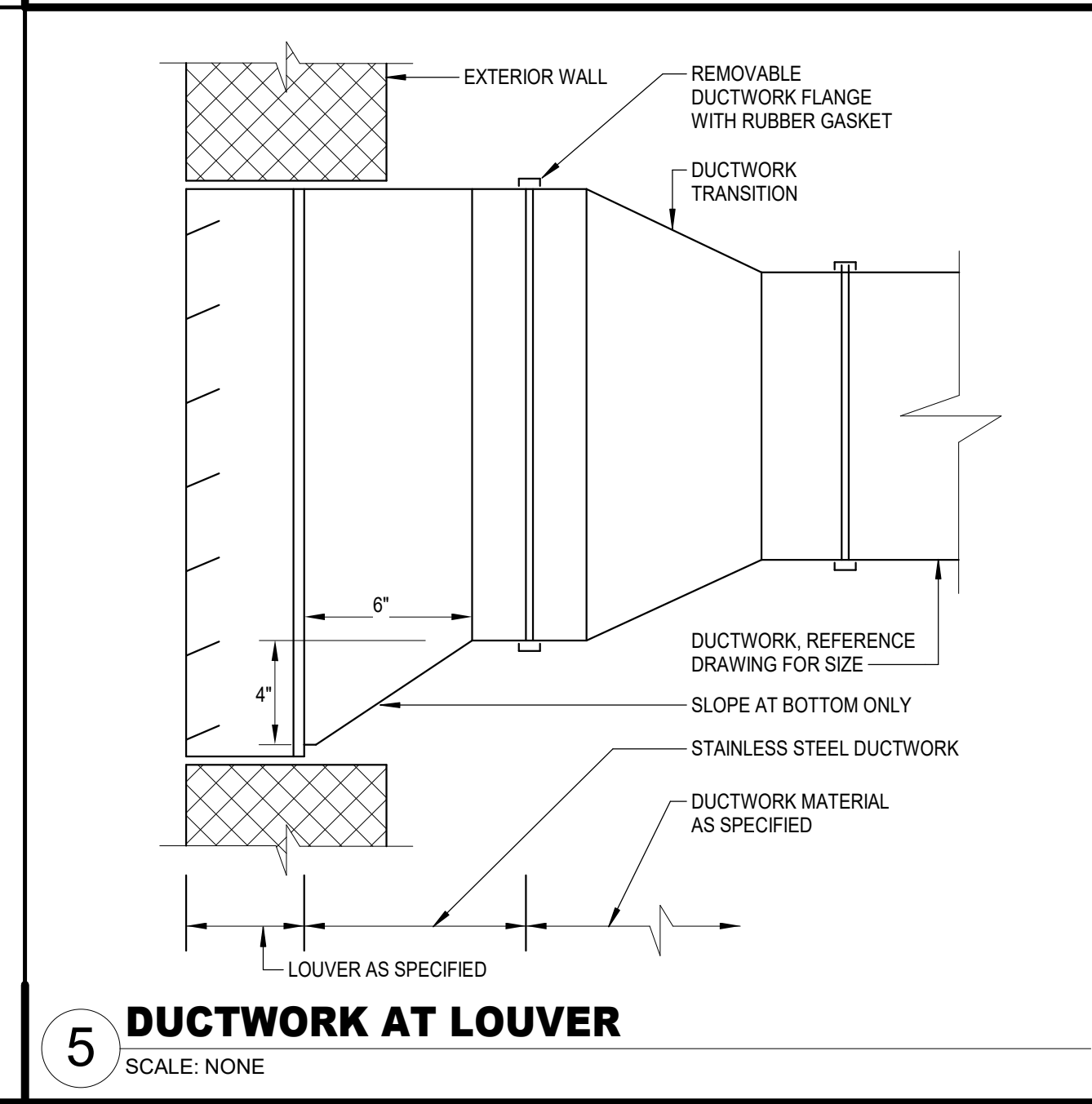
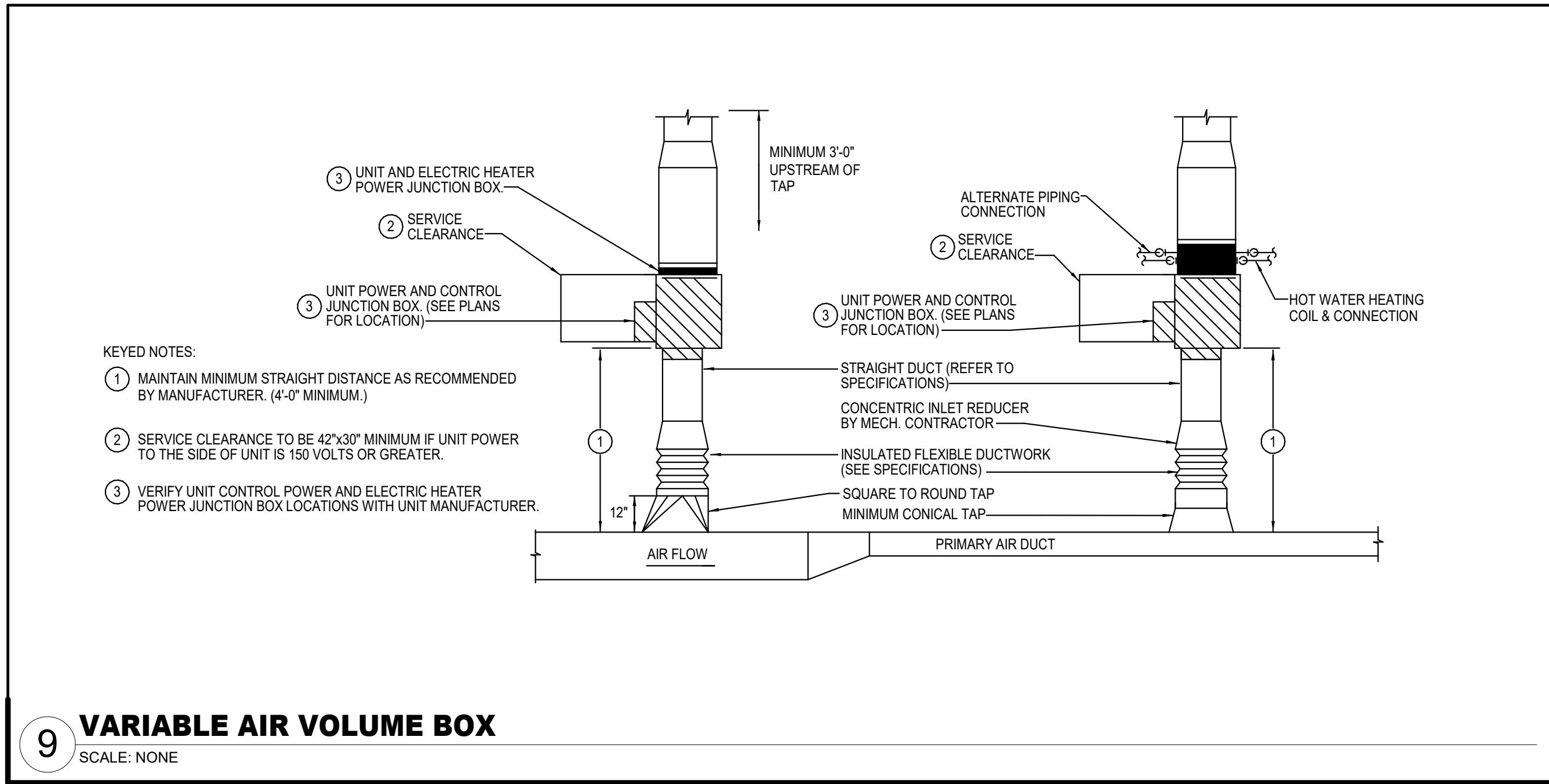
CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED POWER GENERATING EQUIPMENT.

GENERAL NOTES:

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2. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING DRAWINGS AND PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.

MECHANICAL KEYED NOTES:

- ① VERIFY SERVICE CLEARANCE FOR AIR FILTER REMOVAL WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
- ② VERIFY SERVICE CLEARANCE FOR FAN SHAFT AND COIL REMOVAL WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
- ③ PROVIDE 4" THICK CONCRETE HOUSEKEEPING PAD.
- ④ SHEET METAL PLENUM, FULL SIZE OF UNIT RETURN AIR OPENING. LENGTH AS REQUIRED FOR ALL DUCT CONNECTIONS SHOWN.
- ⑤ ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION OF FLOOR DRAIN.
- ⑥ PROVIDE 76" WIDE X 30" HIGH RUSKIN MODEL EME520DD WIND-DRIVEN RAIN RESISTANT STATIONARY LOUVER OR APPROVED EQUAL WITH MINIMUM FREE AREA OF 6.92 SQ. FT. PROVIDE WITH BIRD SCREEN AND PAINT TO MATCH WALL OR AS SPECIFIED BY ARCHITECT.



MINI-SPLIT - OUTDOOR UNIT							
MARK	MIN. TOTAL CAPACITY (BTU/H)	OUTDOOR TEMP (°F)	MINIMUM SEER	CURRENT V	CHARAC. PH	RELATED UNIT	REMARKS
DMSCL01	17,600	98	13	208	1	60	DMS-A1 (1,2,3)
DMSCL02	17,600	98	13	208	1	60	DMS-B1 (1,2,3)
DMSCL03	17,600	98	13	208	1	60	DMS-A1 (1,2,3)
DMSCL02	17,600	98	13	208	1	60	DMS-B2 (1,2,3)
DMSCL03	17,600	98	13	208	1	60	DMS-B3 (1,2,3)
DMSCL04	17,600	98	13	208	1	60	DMS-C1 (1,2,3)
DMSCL01	17,600	98	13	208	1	60	DMS-D1 (1,2,3)
DMSCL02	17,600	98	13	208	1	60	DMS-D2 (1,2,3)
DMSCL01	17,600	98	13	208	1	60	DMS-E1 (1,2,3)
DMSCL01	17,600	98	13	208	1	60	DMS-F1 (1,2,3)
DMSCLH1	17,600	98	13	208	1	60	DMS-H1 (1,2,3)
DMSCLN1	17,600	98	13	208	1	60	DMS-N1 (1,2,3)
DMSCLN2	17,600	98	13	208	1	60	DMS-N2 (1,2,3)
DMSCLP1	17,600	98	13	208	1	60	DMS-PI (1,2,3)
DMSCLQ1	17,600	98	13	208	1	60	DMS-Q1 (1,2,3)

GENERAL NOTES:

- MINIMUM RECOMMENDED CLEARANCE AROUND ROOFTOP UNIT IS 12 INCHES ON NON-SERVICE SIDE AND 30 INCHES ON SERVICE SIDE. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR FLOW.
- PROVIDE WITH DISCONNECT SWITCH.
- REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.

REMARKS:

AIR HANDLING UNIT																							REMARKS	
MARK	FAN							COOLING										HEATING				PIPE SIZE TO COIL (IN.)		REMARKS
	SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT. STATIC PRESSURE (IN. W.C.)	HORSE POWER	CURRENT			AIR TEMPERATURE (°F)				WATER		ENTERING AIR TEMPERATURE (°F)		MIN. HEATING CAPACITY		WATER		CHILLED WATER	HOT WATER			
					V	PH	F	ENTERING DRY BULB	ENTERING WET BULB	LEAVING DRY BULB	LEAVING WET BULB	MIN. COOLING CAPACITY	ENTERING TEMP (°F)	GPM	PRESSURE DROP (FT.)	ENTERING TEMP (°F)	GPM	HEATING CAPACITY	ENTERING TEMP (°F)	GPM	PRESSURE DROP (FT.)			
AHU-L3	4,880	1,400	1.00	5.0	480	3	60	62.5	75.0	54.0	53.5	360,000	40	44.9	10.0	68.0	142,301	180.0	9.6	10.0	2.12"	1.14"	(1.2,3.4,5.6,7.8,9)	
	1,400	1,400						58.0	79.0	53.0	52.5	130,500	40	16.3	10.0	27.0	42,336	180.0	2.9	10.0	1.12"	1.14"	(5.6,10,11,12)	
GENERAL NOTES:																							REMARKS:	
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRT/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.																							1. VELOCITY NOT TO EXCEED 500 FPM ON COOLING COIL.	
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.																							2. PROVIDE HORIZONTAL DRAW THROUGH UNIT.	
																							3. PROVIDE CONSTANT VOLUME UNIT WITH VARIABLE FREQUENCY DRIVE.	
																							4. PROVIDE TOP DISCHARGE.	
																							5. PROVIDE TWO-WAY COOLING CONTROL VALVES.	
																							6. PROVIDE TWO-WAY HEATING CONTROL VALVES.	
																							7. PROVIDE TWO-WAY WATER COIL IN REHEAT POSITION.	
																							8. PROVIDE UNIT WITH ANGLED FILTER SECTION.	
																							9. SPLIT DEHUMIDIFICATION UNIT TO BE MOUNTED ON TOP OF AHU.	
																							10. HORIZONTAL DRAW THROUGH UNIT.	
																							11. VELOCITY NOT TO EXCEED 450 FPM ON COOLING COIL.	
																							12. UNIT INDICATED SHALL BE STACKED AND FURNISHED WITH ASSOCIATED AIR LISTED ABOVE. UNIT INCLUDES ANGLED FILTER MIXING BOX, PRE-HEAT COIL, ACCESS SPACE, COOLING COIL AND DISCHARGE PLENUM. UNIT DOES NOT HAVE FAN SECTION.	

FAN SCHEDULE															
CURRENT CHAIR															
TAG	LOCATION	CFM	EXT. STATIC PRESSURE (IN.W.G.)	MAX RPM	HORSE POWER	V	P	F	LOCALLY SWITCHED	INTERLOCK WITH	FAN TYPE	DRIVE TYPE	MANUFACTURER	MODEL NUMBER	REMARKS
EF-E5	STOR E112	1600	0.55	1100	0.5	120	1	60	-	AHU-E2	ROOF MOUNTED	DIRECT	COOK	ACED	(1.2,3.4)
SF-E1	MECH E110	1540	0.45	1200	0.5	120	1	60	-	AHU-E2	INLINE	DIRECT	COOK	SON	(1.3,4.5)
SF-L1	MECH M118	1400	0.45	1200	0.5	120	1	60	-	AHU-L3	INLINE	DIRECT	COOK	SON	(1.3,4.5)
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. 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 MOTOR OPERATED DAMPER.															
4. PROVIDE WITH FAN SPEED CONTROLLER.															
5. SUSPEND UNIT WITH FOUR THREADED HANGER RODS ATTACHED TO TWO UNISTRUT RUNNERS SECURED TO STRUCTURE. PROVIDE SPRING ISOLATION. REFER TO MANUFACTURER FOR MORE DETAILS.															

GRILLE								
MARK	SERVICE	TYPE	DAMPER	CONSTRUCTION MATERIAL	FINISH COLOR	MANUFACTURER	MODEL NUMBER	DESCRIPTION
A	SUPPLY AIR	DIFFUSER	-	STEEL	-	TITUS	TMS	EXPOSED 1-BAR CEILING FRAME STYLE
B	RETURN AIR	GRILLE	-	ALUMINUM	-	TITUS	3FL	EXPOSED 1-BAR CEILING FRAME WITH A 24"x24" LOUVERED FACE 3/4" BLADE SPACING WITH 45° FIXED DEFLECTION
E	EXHAUST AIR	GRILLE	-	ALUMINUM	-	TITUS	3FL	EXPOSED 1-BAR CEILING FRAME STYLE WITH A 24"x24" LOUVERED FACE 3/4" BLADE SPACING WITH 45° FIXED DEFLECTION
R	RETURN AIR	-	-	-	-	-	-	EXISTING RETURN AIR DEVICE
ES	SUPPLY AIR	-	-	-	-	-	-	EXISTING AIR DEVICE SHALL REMAIN. REUSE AND BALANCE TO INDICATED CFM.
GENERAL NOTES:								
1. DAMPERS NOTED AS U.L. SHALL BE 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								

DUAL DUCT TERMINAL BOX						
MARK	COOLING			HEATING		REMARKS
	CFM		INLET DIAMETER SIZE (IN)	MAXIMUM CFM	INLET DIAMETER SIZE (IN)	
	MAX.	MIN.				
DOB-E2-01	1750	740	14	1400	12	-
DOB-E2-02	1800	760	14	1440	12	-

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 UNITS. UNITS MUST BE 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.























































































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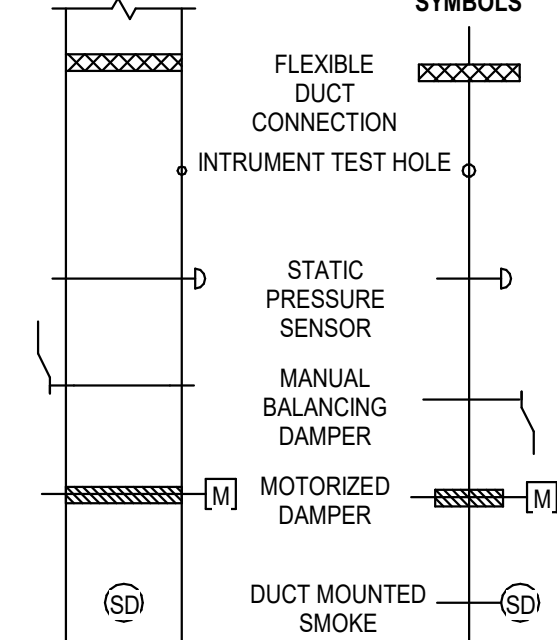
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DAMPER						
MARK	ACTUATOR	DUTY	BLADE ACTION	MANUFACTURER	MODEL NUMBER	REMARKS
D-1	MANUAL BALANCING	UNDER 9" WIDE	N/A	N/A	N/A	SEE SMACNA CONSTRUCTION DETAILS REFERENCED TYPICAL CONSTRUCTION DETAILS FOR LOW VELOCITY DUCTS.
D-2	MANUAL BALANCING	OVER 9" WIDE	OPPOSED	RUSKIN	MD-35	MANUAL DAMPER WITH STANDARD CONSTRUCTION FEATURES AND VENTLOCK #039 LOCKING REGULATOR.
D-3	MOTORIZED	OVER 9" WIDE	OPPOSED	RUSKIN	CD-60	LOW LEAKAGE DAMPER WITH BLADE SEALS

NOTES:
N/A - NOT APPLICABLE

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"

SYMBOL DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)		SYMBOL DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)	
GENERAL		PIPING	
	KEY NOTE TAG		CONDENSER WATER SUPPLY & RETURN (TOTAL OF TWO PIPES, ONLY ONE PIPE SHOWN FOR DRAWING CLARITY)
	REVISION TAG		CONDENSER WATER SUPPLY
	NEW EQUIPMENT		CONDENSER WATER RETURN
DUCTWORK			CHILLED WATER SUPPLY & RETURN (TOTAL OF TWO PIPES, ONLY ONE PIPE SHOWN FOR DRAWING CLARITY)
	SUPPLY AIR DUCTWORK		CHILLED WATER SUPPLY
	RETURN AIR AND OUTSIDE AIR DUCTWORK		CHILLED WATER RETURN
	EXHAUST AIR DUCTWORK		HOT WATER FOR HYDRONIC HEATING SUPPLY & RETURN (TOTAL OF TWO PIPES, ONLY ONE PIPE SHOWN FOR DRAWING CLARITY)
	FLEXIBLE DUCTWORK		HOT WATER FOR HYDRONIC HEATING SUPPLY
	SUPPLY AIR DUCTWORK THROUGH HORIZONTAL PARTITION		HOT WATER FOR HYDRONIC HEATING RETURN
	RETURN AIR DUCTWORK THROUGH HORIZONTAL PARTITION		CONDENSATE DRAIN LINE
	EXHAUST AIR DUCTWORK THROUGH HORIZONTAL PARTITION		AUXILIARY CONDENSATE DRAIN LINE
	FIRE DAMPER (VERTICAL)		REFRIGERANT LIQUID & GAS RECIRCULATION LINE (TOTAL OF TWO PIPES, ONLY ONE PIPE SHOWN FOR DRAWING CLARITY)
	FIRE DAMPER (HORIZONTAL)		REFRIGERANT LIQUID LINE
	SMOKE DAMPER (VERTICAL)		REFRIGERANT HOT GAS LINE
	SMOKE DAMPER (HORIZONTAL)		REFRIGERANT SUCTION LINE
	COMBINATION FIRE & SMOKE DAMPER (VERTICAL)		ELBOW UP
	COMBINATION FIRE & SMOKE DAMPER (HORIZONTAL)		ELBOW DOWN
	MANUAL BALANCING DAMPER (SEE DAMPER SCHEDULE)		90° ELBOW
	MOTORIZED DAMPER (SEE DAMPER SCHEDULE)		45° ELBOW
SENSORS			TEE
	THERMOSTAT AND TEMPERATURE SENSOR		TEE DOWN
	HUMIDISTAT		TEE UP
	SMOKE DETECTOR		TOP BRANCH CONNECTION
	HEAT DETECTOR		BOTTOM BRANCH CONNECTION
AIR DEVICES			FLANGE
	GRILLE SIZE TAG (REFER TO GRILLE SIZE LEGEND)		CAP
	SUPPLY AIR GRILLE WITH FOUR-WAY THROW		CONTINUATION
	SUPPLY AIR GRILLE WITH THREE-WAY THROW		FLOOR DRAIN (REFER TO PLUMBING DRAWINGS)
	SUPPLY AIR GRILLE WITH TWO-WAY THROW		GATE VALVE
	SUPPLY AIR GRILLE WITH TWO-WAY CORNER THROW		GLOBE VALVE
	SUPPLY AIR GRILLE WITH ONE-WAY THROW		CHECK VALVE
	RETURN AIR GRILLE		BUTTERFLY VALVE
	RETURN AIR GRILLE WITH SOUND BOOT		BUTTERFLY VALVE WITH OPERATOR
	EXHAUST AIR GRILLE		PLUG VALVE
	SUPPLY AIR SIDEWALL GRILLE		TWO-WAY CONTROL VALVE
	RETURN AIR SIDEWALL GRILLE		THREE-WAY CONTROL VALVE
	20X12 RETURN AIR OPENING ABOVE CEILING		PRESSURE REDUCING VALVE
SUBSCRIPTS AND ABBREVIATIONS			PRESSURE RELIEF VALVE
AFF	ABOVE FINISHED FLOOR		BALL VALVE
BBS	BELOW BOTTOM OF STRUCTURE		STRAINER
BOD	BOTTOM OF DUCT		UNION
BOP	BOTTOM OF PIPE		THERMOMETER WELL
CA	COMBUSTION AIR		PET'S PLUG
CFM	CUBIC FEET PER MINUTE		PRESSURE GAUGE
EA	EXHAUST AIR		TEMPERATURE SENSOR IN PIPE
FBM	FEET PER MINUTE		VENTURI FLOW METER
NC	NORMALLY CLOSED		FLOW SWITCH
NO	NORMALLY OPEN		FLOW MEASURING STATION
OA	OUTSIDE AIR		EXPANSION JOINT
RA	RETURN AIR		FLEXIBLE CONNECTION
SA	SUPPLY AIR		GAUGE COCK
RENOVATIONS			SITE GLASS
	POINT OF CONNECTION FROM NEW TO EXISTING		DIFFERENTIAL PRESSURE SENSOR
	ITEM TO REMAIN		TURBINE FLOW METER
	ITEM TO BE REMOVED		ANCHOR
			PIPE GUIDE



ELECTRICAL KEYED NOTES	
1	RELOCATE EXISTING ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL ONE-LINE DIAGRAM FOR MORE INFORMATION.
2	EXISTING ELECTRICAL EQUIPMENT TO BE RELOCATED. EXISTING FEEDER WIRING FROM UPSTREAM PANEL TO PANEL 1HE TO BE REMOVED AND RETURNED TO OWNER. EXISTING CONDUIT TO BE REUSED. REFER TO ELECTRICAL ONE-LINE DIAGRAM FOR MORE INFORMATION.
3	DISCONNECT AND REMOVE EXISTING POWER DEVICE/EQUIPMENT. REMOVE EXISTING CIRCUIT BACK TO SOURCE OR NEXT EXISTING DEVICE TO REMAIN. LABEL EXISTING BREAKER(S) WITH NO LOADS CONNECTED AS "SPARE".
4	EXISTING LIGHTING CONTROLS IN THIS SPACE TO BE RELOCATED.
5	EXISTING FIXTURE TO BE REMOVED AND PRESERVED FOR RE-INSTALLATION IN NEW LOCATION.
6	EXISTING UNDERGROUND CONDUIT TO BE LOCATED AND INTERCEPTED OUTSIDE OF BUILDING FOR RE-USE. EXISTING CONDUIT FROM POINT OF INTERCEPTION BACK TO BRANCH PANEL TO BE REMOVED. EXISTING WIRING TO BE REMOVED BACK TO SOURCE.

ELECTRICAL DEMOLITION 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 ARCHITECTURAL 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 BACK TO CEILING AND LEAVE IN PLACE FOR RE-USE.
8	ELECTRICAL WORK 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.

DEMOLITION EXISTING DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION AND, WHEN AVAILABLE, EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO ARCHITECT BEFORE DISTRIBUTING ANY INSTALLATION AND IMMEDIATELY AFTER SUCH DISCREPANCIES 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 THE DISTRICT.

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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PROVIDE NEW ELECTRICAL DEVICES AND SWITCH BOX EXTENSIONS IN ALL AREAS WHERE ADDITION OF GYPSUM BOARD OR OTHER WALL COVERING OVER EXISTING SURFACES ADDS TO THE THICKNESS OF WALLS. SEE ARCHITECTURALS FOR AREAS AFFECTED.

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.

REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF DEMOLITION, NEW PARTITIONS & NEW CASEWORK.

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien

Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00

BRIDLEY KALMANS

08/18/2025

Huckabee

www.huckabee-inc.com
800.887.1229

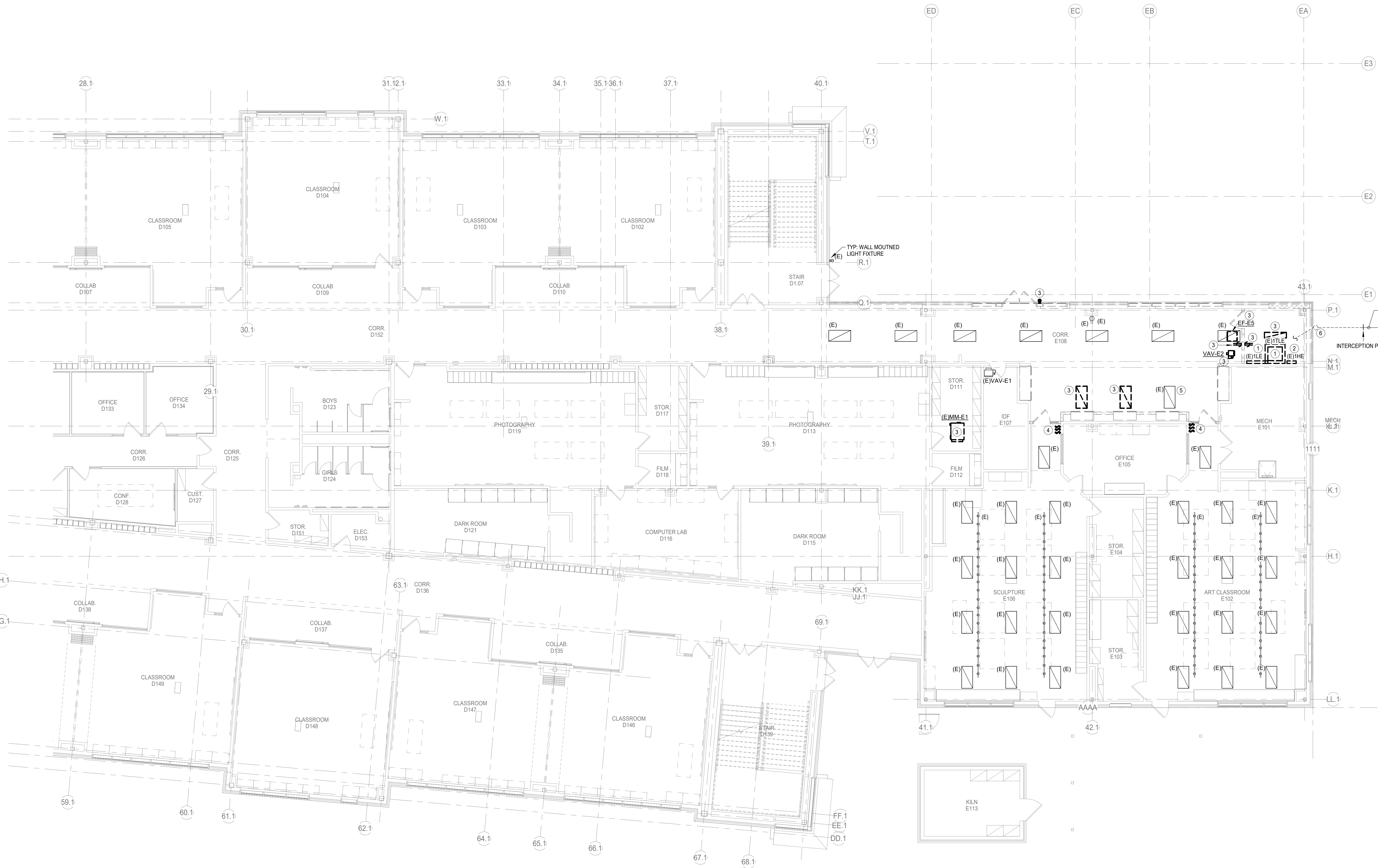
**ELECTRICAL DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA D & E**

Job No.
01818-07-01

Drawn By:
KJ

Date:
06/19/2025

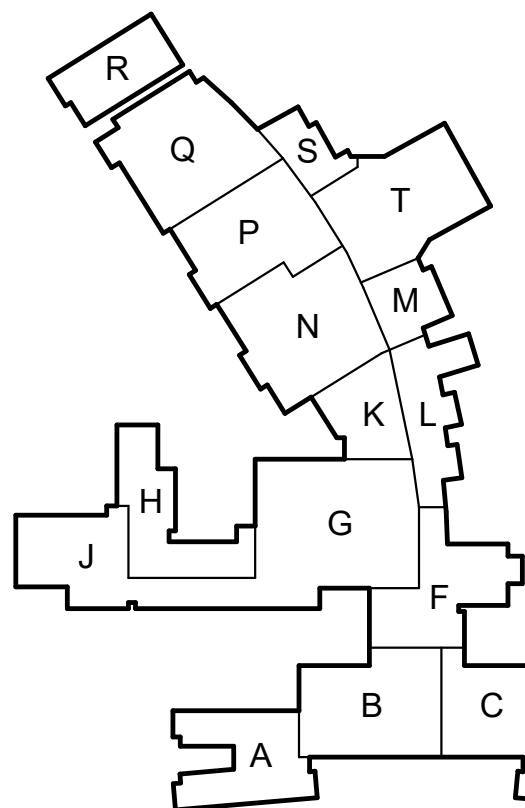
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E0.01



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ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA D & E

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



KEY PLAN - 1ST FLOOR
N.T.S.

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REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF DEMOLITION, NEW PARTITIONS & NEW CASEWORK.

ELECTRICAL KEYED NOTES

1. DISCONNECT AND REMOVE EXISTING POWER DEVICE EQUIPMENT. REMOVE EXISTING CIRCUIT BACK TO SOURCE OR NEXT EXISTING DEVICE TO REMAIN. LABEL EXISTING BREAKER(S) WITH NO LOADS CONNECTED AS "SPARE".

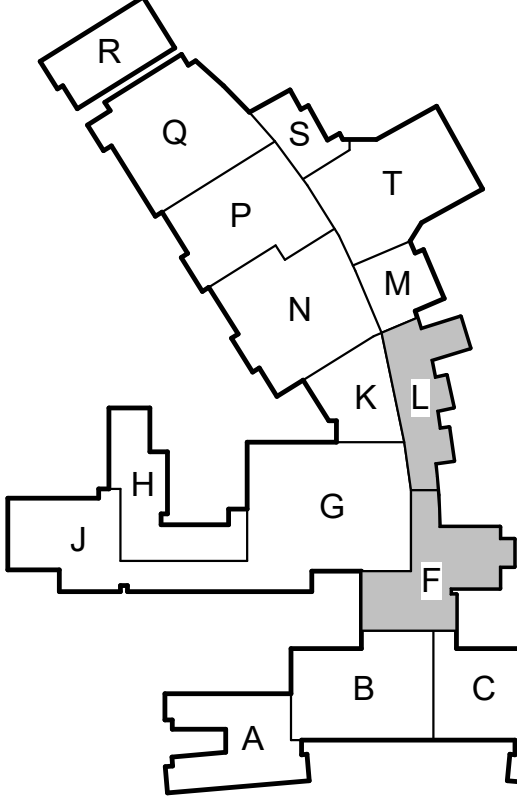
ELECTRICAL DEMOLITION FLOOR PLAN -

LEVEL 1 - AREA F - FRONT DESK

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

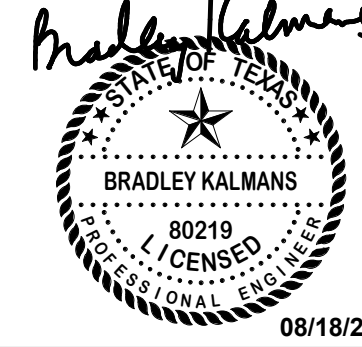
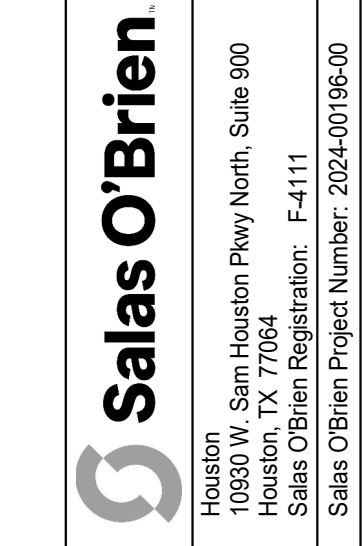
ELECTRICAL DEMOLITION FLOOR PLAN - LEVEL 1 - AREA L

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



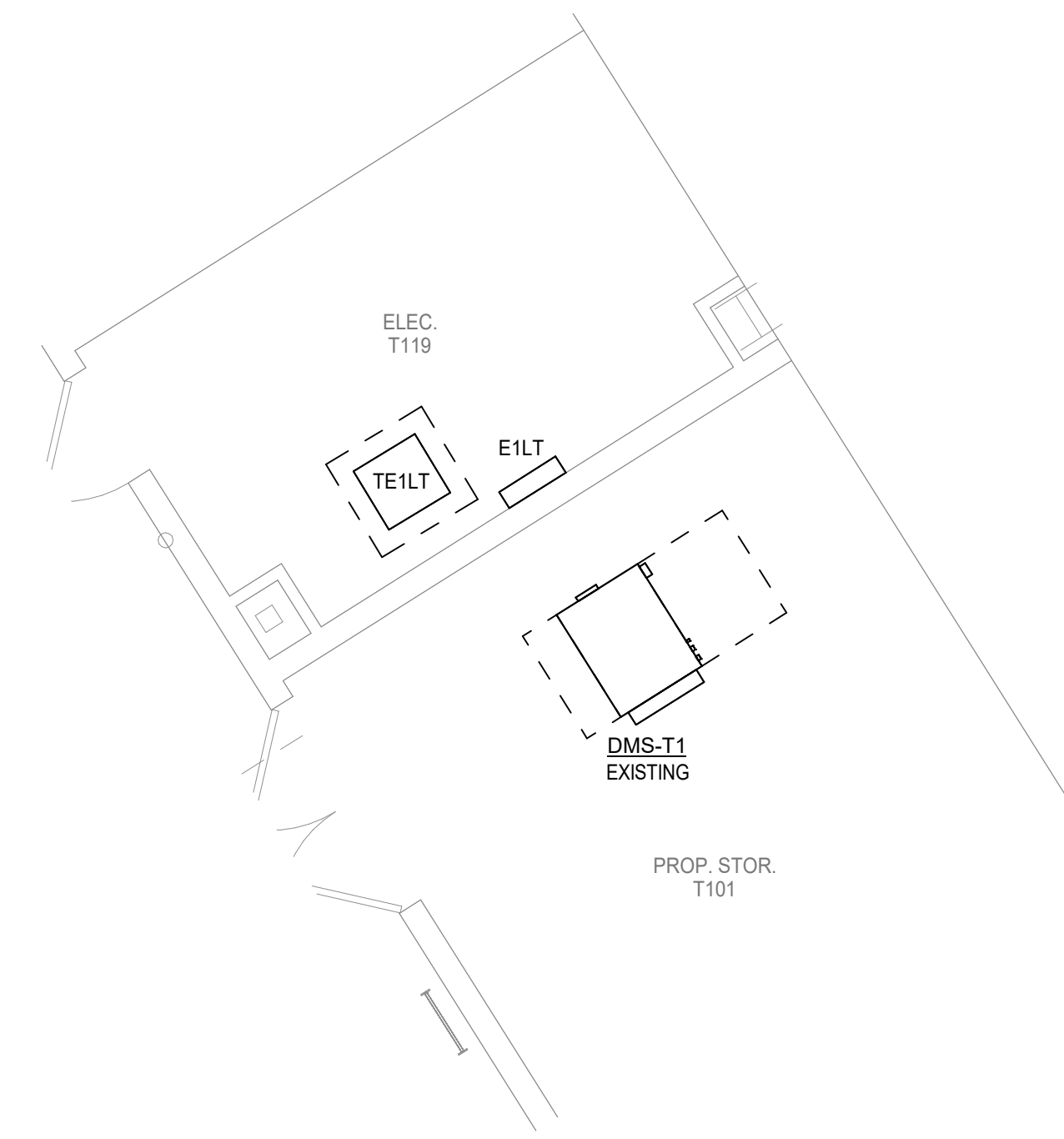
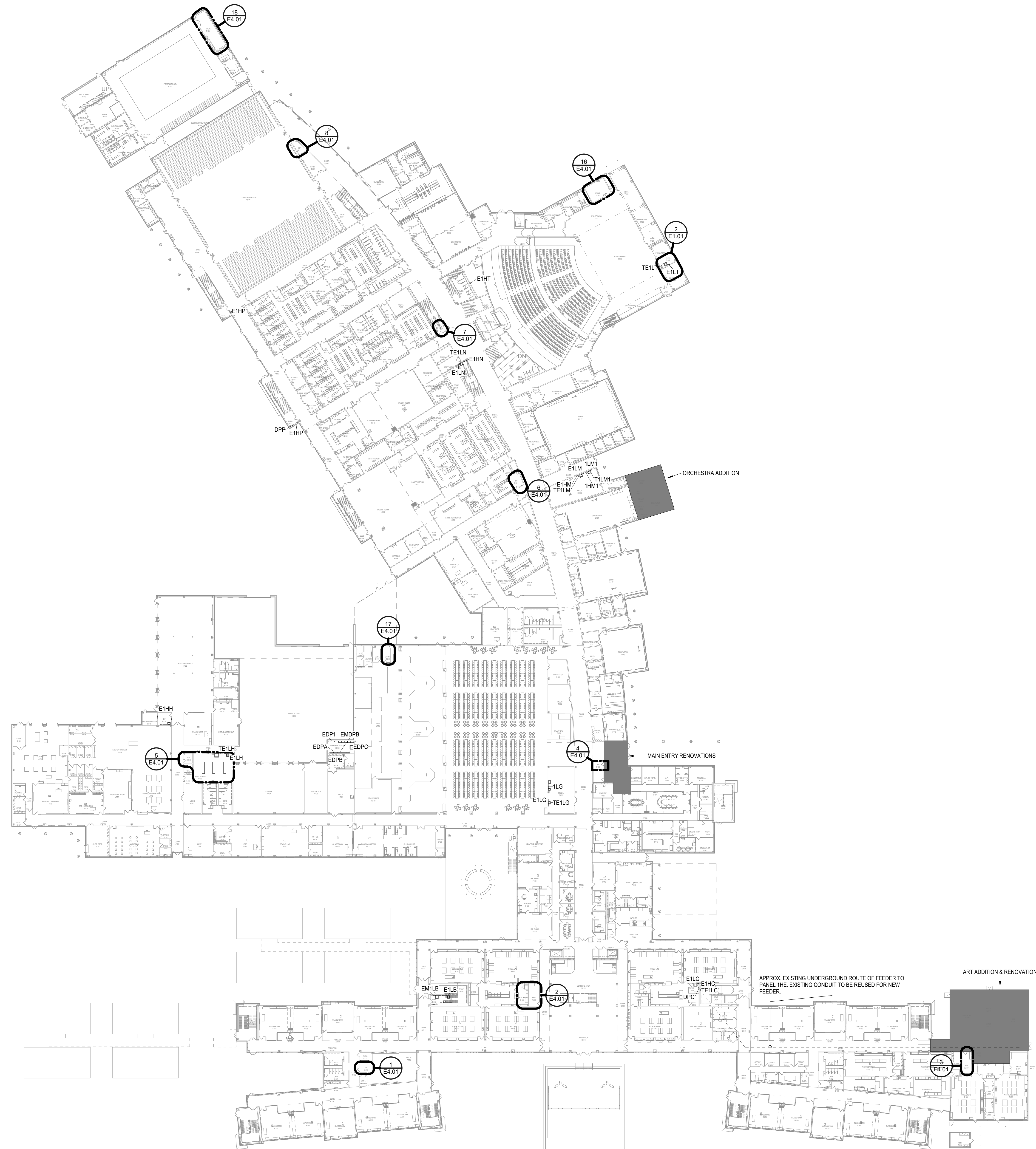
KEY PLAN - 1ST FLOOR
N.T.S.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

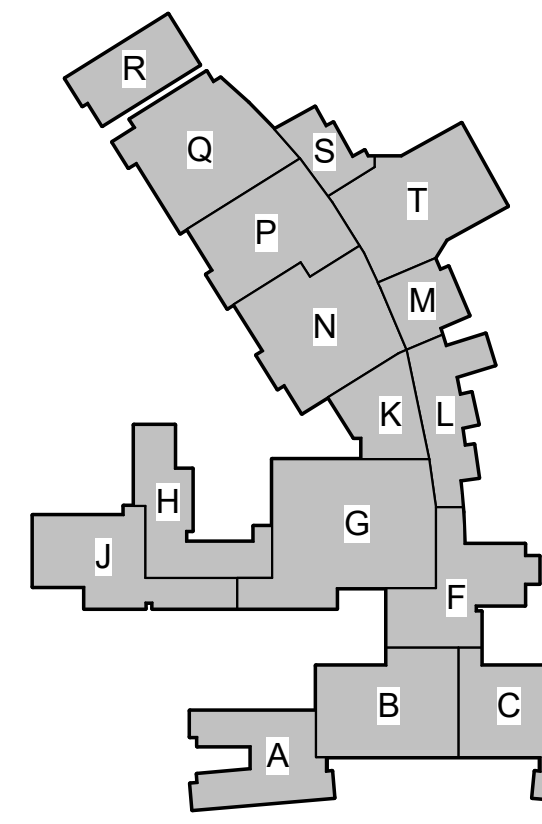


ELECTRICAL DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA F & L

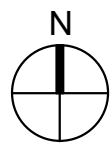
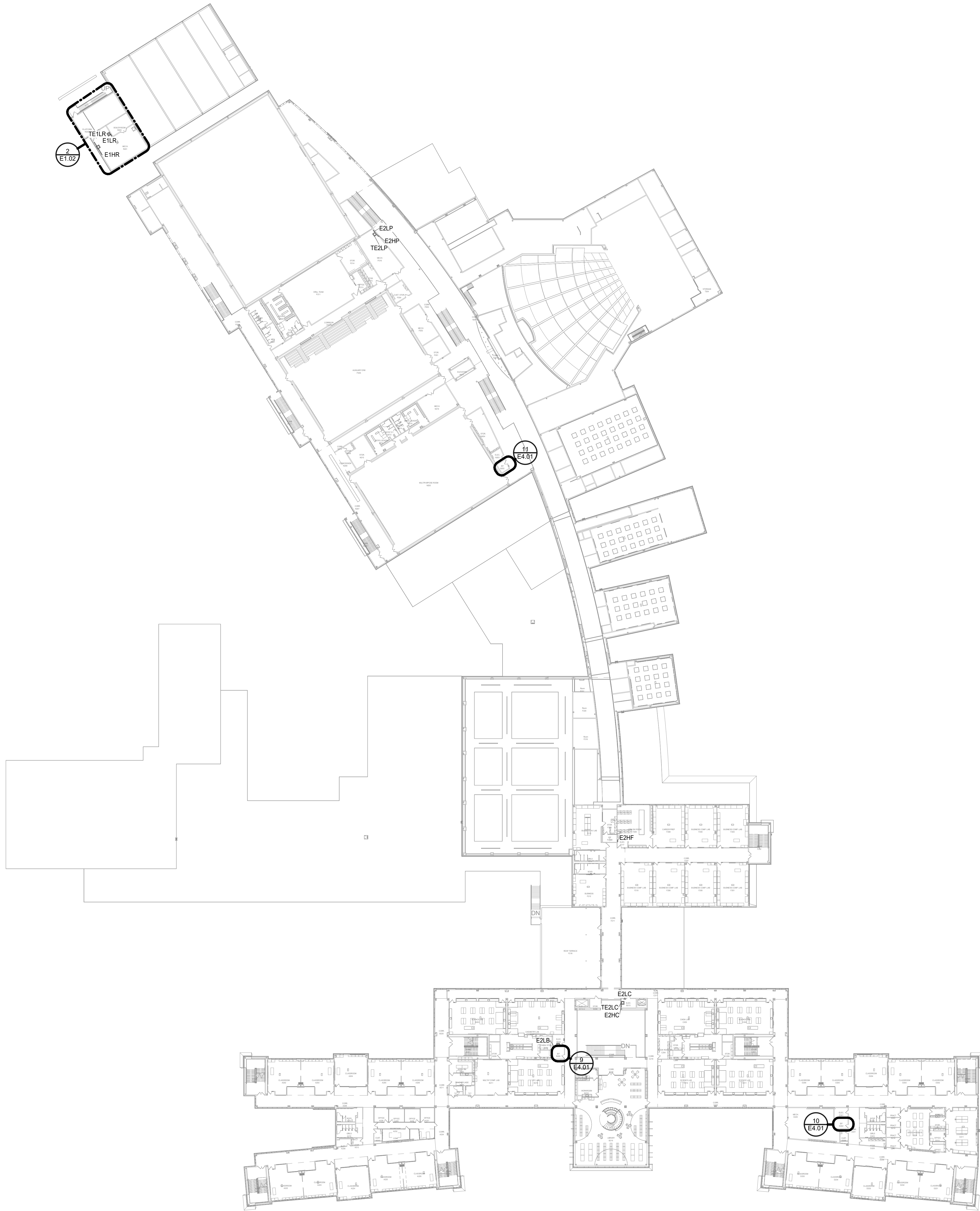
Job No.
01818-07-01
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E0.02
Date:
06/18/2025



ELECTRICAL ENLARGED FLOOR PLAN -
LEVEL 1 - STOR/IDF T120
 Scale: 1/4" = 1'-0"



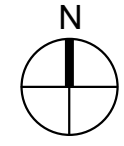
KEY PLAN - 1ST FLOOR
N.T.S.



1

ELECTRICAL COMPOSITE FLOOR PLAN - LEVEL 2

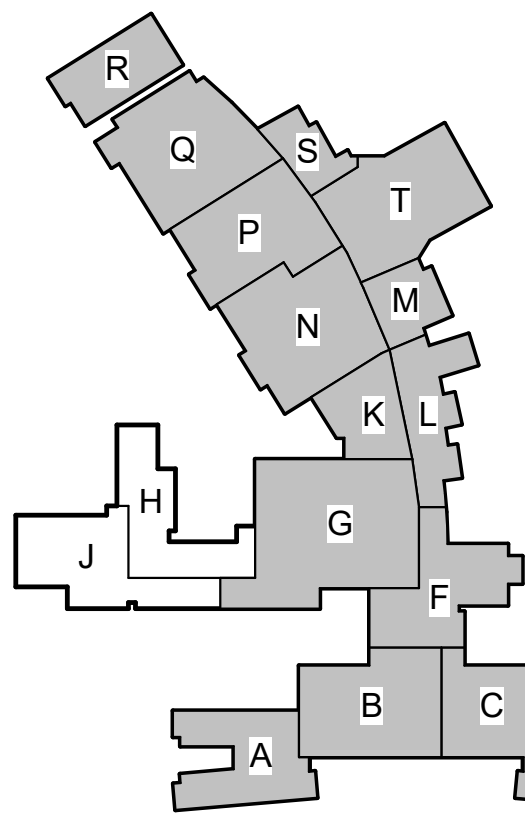
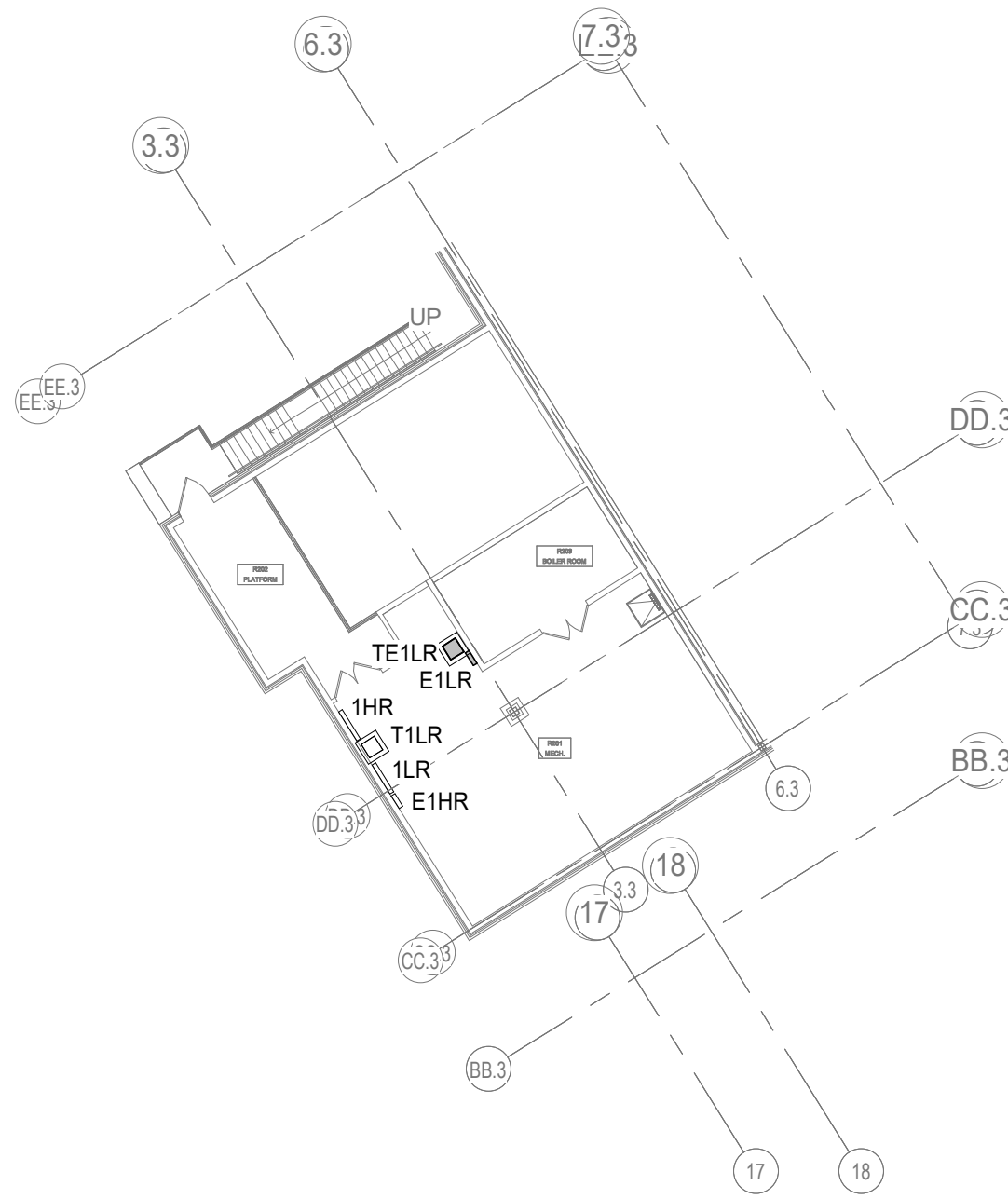
Scale: 1" = 40'-0"



2

ELECTRICAL COMPOSITE FLOOR PLAN - LEVEL 2 - AREA R MEZZ.

Scale: 1" = 20'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00

Bradley K. Williams
BRADLEY K. WILLIAMS
88215
REGISTERED
08/18/2025

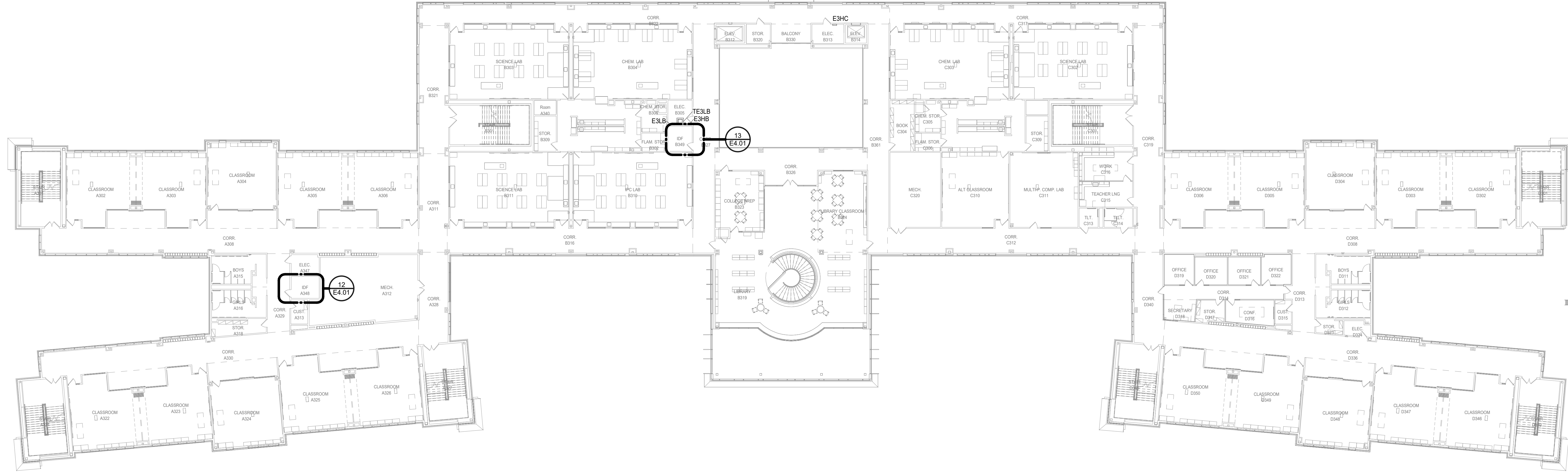
Huckabee
www.huckabee-inc.com
800.887.1229

ELECTRICAL COMPOSITE
FLOOR PLAN - LEVEL 2

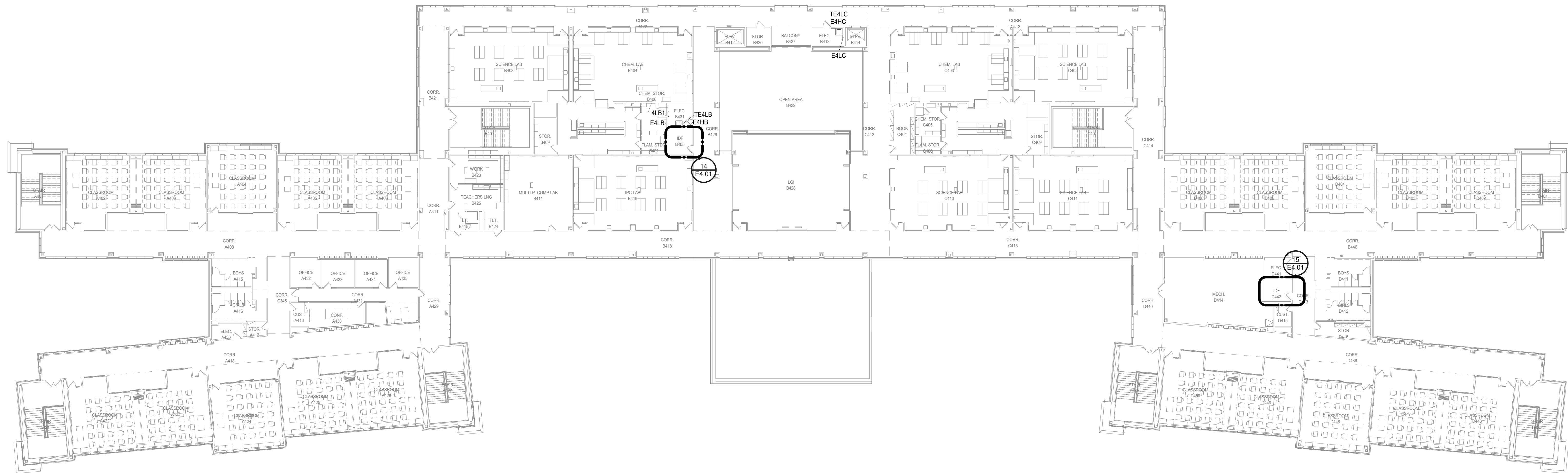
Job No.
01818-07-01
Drawn By:
KJ
Date:
08/18/2025

Sheet No.

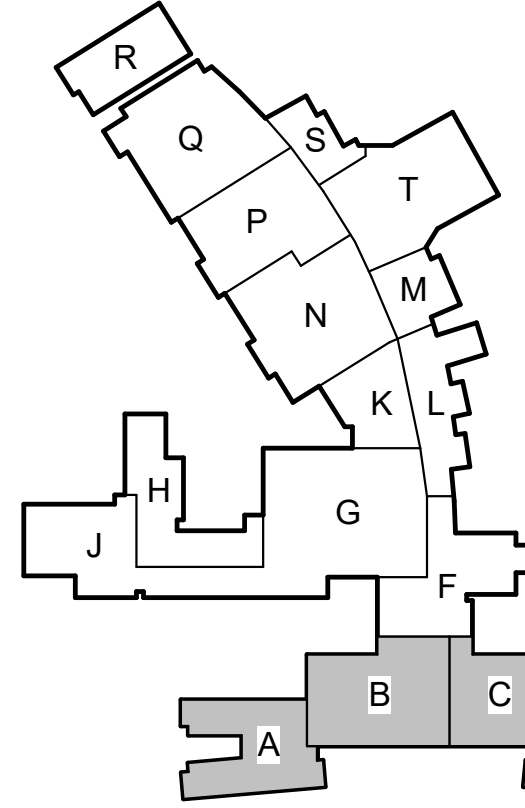
E1.02



1 ELECTRICAL COMPOSITE FLOOR PLAN - LEVEL 3
Scale: 1" = 20'-0"



2 ELECTRICAL COMPOSITE FLOOR PLAN - LEVEL 4
Scale: 1" = 20'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

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Houston
10930 W. Sam Houston Pkwy North, Suite 900
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Sales O'Brien Registration: F-4111
Sales O'Brien Project Number: 2024-00196-00

Bradley Kalmans
BRADLEY KALMANS
REGISTERED ELECTRICAL ENGINEER
08/18/2025

Huckabee
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800.887.1229

ELECTRICAL COMPOSITE
FLOOR PLAN - LEVEL 3 & 4

Job No. 01818-07-01	Sheet No.
Drawn By: KJ	E1.03
Date: 06/18/2025	

ELECTRICAL KEYED NOTES

- CORD REEL. PROVIDE 20 AMP (2) DUPLEX RECEPTACLE HUBBELL CORD REEL WITH RECESSED ENCLOSURE. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
- PROVIDE POWER TO LOCAL SPEAKER SYSTEM. COORDINATE FINAL LOCATION WITH DIVISION 27.
- COORDINATE EXACT LOCATION AND INSTALLATION OF DISPLAY CASE RECEPTACLES AND LIGHTING WITH ARCHITECT PRIOR TO ROUGH-IN.
- PROVIDE POWER TO NEW DEVICE(S) FROM EXISTING CIRCUIT AS SHOWN. EXTEND CONDUCTORS AND CONDUIT MATCHING EXISTING SIZE TO NEW DEVICE(S).
- TV RECEPTACLE. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH AV CONTRACTOR BEFORE INSTALLATION.
- ROUTE NEW UNDERGROUND CONDUIT AND WIRING MATCHING EXISTING SIZE FROM PANEL 1LE IN NEW ELECTRICAL ROOM. CONNECT NEW CONDUIT TO EXISTING CONDUIT AT INTERCEPTION LOCATION. PROVIDE NEW CONDUCTORS MATCHING EXISTING SIZE FROM PANEL LOCATION TO EXISTING DEVICE(S) AND MAKE DEVICE CONNECTIONS AS NECESSARY.
- EXTEND CONDUIT FROM UNDERGROUND TO ABOVE CEILING FOR FEEDERS TO RELOCATED PANEL. PROVIDE NEW CONDUCTORS FROM EXISTING UPSTREAM PANEL TO NEW PANEL LOCATION. REFER TO ELECTRICAL ONE-LINE DIAGRAM FOR MORE INFORMATION.
- NEW LOCATION OF RELOCATED PANEL. EXTEND EXISTING BRANCH CIRCUITS TO NEW PANEL LOCATION WITH MATCHING CONDUCTORS/CONDUITS.

LINETYPE LEGEND

---	EXISTING TO REMAIN
----	DISCONNECT AND REMOVE
---	NEW WORK

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.

PROVIDE NEW POWER DEVICES AND SWITCH BOX EXTENSIONS IN ALL AREAS WHERE GYPSUM BOARD OR OTHER WALL COVERING ADDS TO THE THICKNESS OF WALLS. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

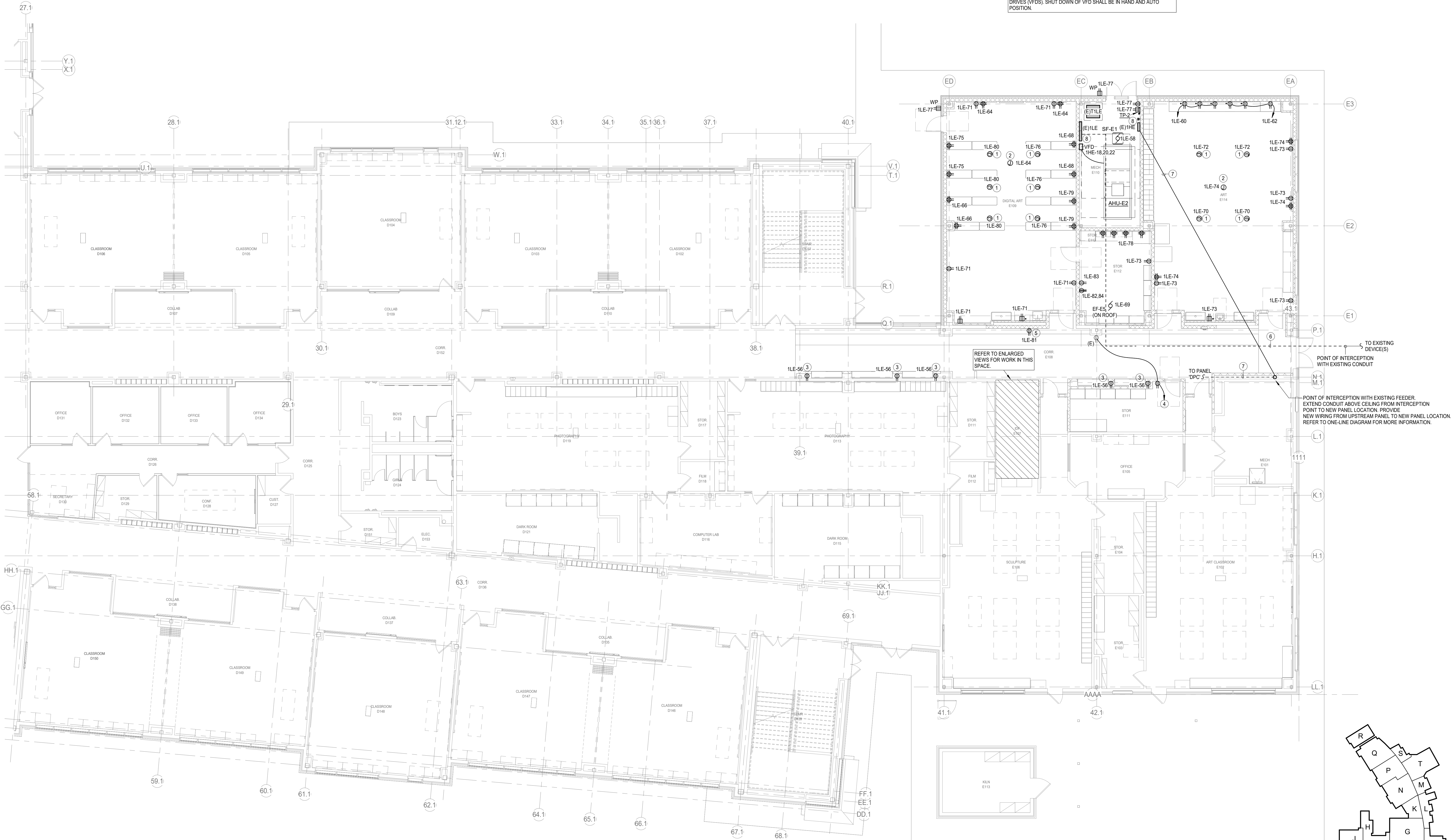
TEMPORARILY DISCONNECT AND REMOVE ALL CEILING / WALL MOUNTED ELECTRICAL AND FIRE ALARM DEVICES FOR AREAS THAT REQUIRE CEILING / WALL REMOVALS AND/OR REPAIRS INCLUDING MECHANICAL, TECHNOLOGY, FIRE ALARM, FIRE SPRINKLERS AND PLUMBING SCOPE OF WORK. AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

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.

FIRE ALARM SYSTEM INSTALLER SHALL DISCONNECT AND RECONNECT FIRE ALARM SHUTDOWN AT NEW REPLACEMENT VARIABLE FREQUENCY DRIVES (VFDs). SHUT DOWN OF VFD SHALL BE IN HAND AND AUTO POSITION.

ELECTRICAL GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
- CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
- CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
- ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE GFCI TYPE.
- 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.
- ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
- 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.
- ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.



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 AND PLUMBING 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 GFCI TYPE.
- 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.

LINETYPE LEGEND

	EXISTING TO REMAIN
	DISCONNECT AND REMOVE
	NEW WORK

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.

PROVIDE NEW POWER DEVICES AND SWITCH BOX EXTENSIONS IN ALL AREAS WHERE GYPSUM BOARD OR OTHER WALL COVERING ADDS TO THE THICKNESS OF WALLS. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

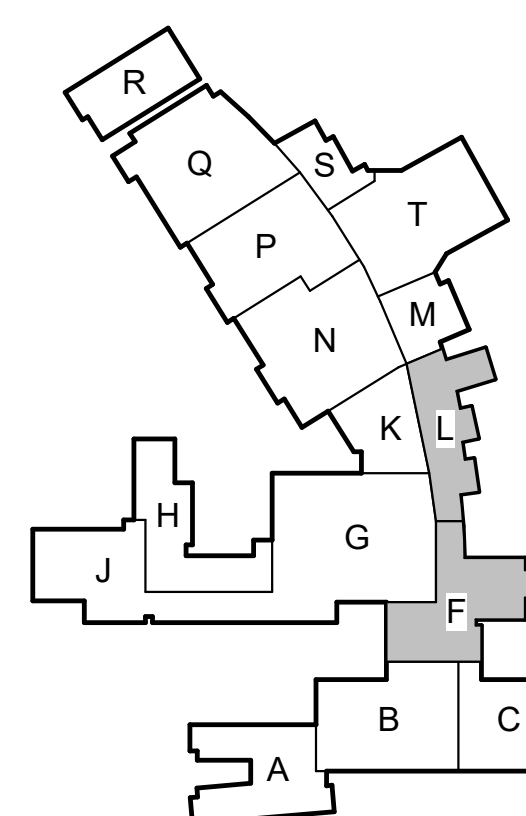
TEMPORARILY DISCONNECT AND REMOVE ALL CEILING / WALL MOUNTED ELECTRICAL AND FIRE ALARM DEVICES FOR AREAS THAT REQUIRE CEILING / WALL REMOVALS AND/OR REPLACEMENT, INCLUDING MECHANICAL, TECHNOLOGY, FIRE ALARM, FIRE SPRINKLERS AND PLUMBING SCOPE OF WORK. AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.

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.

FIRE ALARM SYSTEM INSTALLER SHALL DISCONNECT AND RECONNECT FIRE ALARM SHUTDOWN AT NEW REPLACEMENT VARIABLE FREQUENCY DRIVES (VFDs). SHUT DOWN OF VFD SHALL BE IN HAND AND AUTO POSITION.

ELECTRICAL KEYED NOTES

- 1 PROVIDE NEW RECEPTACLES AS SHOWN AND CONNECT TO EXISTING CIRCUITS LEFT IN PLACE AFTER DEMOLITION. EXTEND CONDUCTORS / CONDUIT WITH MATCHING SIZE TO NEW LOCATION. FIELD VERIFY CONNECTED LOAD NOT TO EXCEED 1500 W @ 120V.
- 2 RELOCATED LIGHTSPEED SPEAKER. EXTEND EXISTING CONDUIT AND WIRING OF SIZE MATCHING EXISTING TO NEW LOCATION. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER.
- 3 PROVIDE POWER TO LOCAL SPEAKER SYSTEM. COORDINATE FINAL LOCATION WITH DIVISION 27.
- 4 DO NOT USE FLEXIBLE CONDUIT IN RECEPTION WALL FOR CONNECTION OF NEW RECEPTACLES. USE EMT. TYPICAL. REFER TO ARCHITECT FOR FINAL LOCATION OF RECEPTACLES.

KEY PLAN - 1ST FLOOR
N.T.S.

1

ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA L

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



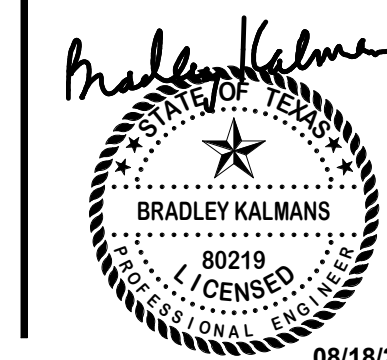
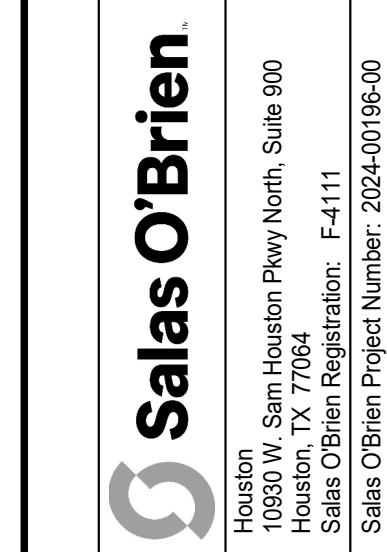
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ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - AREA F - FRONT DESK

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

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

ELECTRICAL FLOOR PLAN -
LEVEL 1 - AREA F & L

Job No.
01818-07-01
Sheet No.
E2.02
Date:
06/18/2025

ELECTRICAL KEYED NOTES	
1	EXTEND EXISTING EMERGENCY CIRCUIT AND EMERGENCY RELAY CONTROLS FROM EXISTING LIGHTING CIRCUIT, AS SHOWN, TO NEW FIXTURE. EXTEND CONDUIT AND WIRING AS NECESSARY.
2	EXTEND LIGHTING CIRCUIT AND CONTROLS FROM CORRIDOR TO NEW FIXTURE. ENSURE THAT ALL NEW CORRIDOR LIGHTS ARE CONTROLLED WITH EXISTING CORRIDOR FIXTURES. EXTEND CONDUIT AND WIRING AS NECESSARY.
3	PROVIDE POWER TO NEW EMERGENCY FIXTURES FROM EXISTING EMERGENCY LIGHTING CIRCUIT IN THIS AREA. EXTEND CONDUCTOR AND CONDUITS MATCHING EXISTING SIZE TO NEW EMERGENCY FIXTURES AND CONTROL RELAYS. FIELD VERIFY CONNECTED LOAD ON EACH 20A BRANCH CIRCUIT NOT TO EXCEED 3500W @ 277V.
4	NEW LOCATION OF EXISTING CONTROLS. EXTEND EXISTING CONDUCTORS/CONDUIT MATCHING EXISTING SIZE TO NEW LOCATION.
5	PROVIDE POWER TO NEW DISPLAY CASE LIGHT FIXTURES FROM EXISTING CORRIDOR LIGHTING CIRCUIT. NEW DISPLAY CASE LIGHTING TO BE CONTROLLED ON/OFF WITH THE EXISTING CORRIDOR LIGHTS. EXTEND CONDUIT AND WIRING AS NECESSARY.
6	PROVIDE POWER TO NEW LIGHT FIXTURES FROM EXISTING CIRCUIT AS SHOWN. EXTEND CONDUCTORS, CONDUIT, AND CONTROL WIRING MATCHING EXISTING SIZE AS NECESSARY. CONTRACTOR TO ENSURE NEW FIXTURE INSTALLATION FUNCTIONS WITH EXISTING FIXTURES TO MATCH EXISTING CONDITIONS IN THIS SPACE.
7	NEW LOCATION OF EXISTING LIGHT FIXTURE PRESERVED DURING DEMOLITION. PROVIDE POWER AND CONTROLS AS NOTED.
8	DISPLAY CASE LIGHTING TO BE CONTROLLED WITH CORRIDOR LIGHTS ON BMCS SYSTEM. CIRCUIT LIGHTING TO CORRIDOR SWITCHED LEG AND WITH ADDITIONAL LINE VOLTAGE KEY SWITCH LABELED AS 'CASE LTG'.

LINETYPE LEGEND	
—————	EXISTING TO REMAIN
-----	DISCONNECT AND REMOVE
—————	NEW WORK

CONTRACTOR TO FIELD COORDINATE FINAL LOCATION OF ALL REPLACEMENT AND NEW LIGHTING FIXTURES WITH EXISTING CEILING MOUNTED DEVICES, AND TO NOTIFY ENGINEER IF THERE ARE ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND THE NEW LIGHTING LAYOUT PRIOR TO COMMENCEMENT OF WORK.

PROVIDE NEW LIGHTING DEVICES AND SWITCH BOX EXTENSIONS IN ALL AREAS WHERE GYPSUM BOARD OR OTHER WALL COVERING ADDS TO THE THICKNESS OF WALLS. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

CONNECT NEW INTERIOR LIGHT FIXTURES AND/OR EXIT SIGNS TO EXISTING CIRCUITS LEFT IN PLACE AFTER DEMOLITION OR NEW AS SHOWN. EXTEND/RE-ROUTE WIRING WITH MATCHING CONDUCTORS/CONDUIT TO EXISTING LOCATION AND/OR NEW FIXTURES/LIGHTING CONTROLS. FIELD VERIFY CONNECTED LOAD ON EACH 20A BRANCH CIRCUIT NOT TO EXCEED 3500 W @ 277V. TYPICAL.

LIGHTING GENERAL NOTES	
1	CONNECT NEW LIGHT FIXTURES TO EXISTING NORMAL POWER CIRCUITS LEFT IN PLACE AFTER DEMOLITION OR NEW AS SHOWN. PROVIDE EMERGENCY CIRCUIT FOR HATCHED FIXTURES AND/OR EXIT SIGNS. EXTEND WIRING WITH MATCHING CONDUCTORS/CONDUIT TO EXISTING LOCATION AND/OR NEW FIXTURES. FIELD VERIFY CONNECTED LOAD NOT TO EXCEED 3500 W @ 277V. TYPICAL.
2	LOCATION OF NEW / REPLACEMENT LIGHT FIXTURES SHALL RE-USE EXISTING J-BOX AND EXISTING LIGHT FIXTURE WHIPS AS PRACTICAL. EXTEND WIRING WITH MATCHING CONDUCTORS/CONDUIT AND PROVIDE NEW J-BOX ABOVE ACCESSIBLE CEILING WITH 1/2-INCH FLEXIBLE STEEL CONDUIT OR STEEL MC CABLE. LENGTH NOT TO EXCEED 6-FEET. 'DAISY CHAINING' LIGHT FIXTURES INSTALLED FOR LAY-IN CEILING AREAS IS NOT ALLOWED. FOR NON-ACCESSIBLE CEILINGS, LIGHT FIXTURE WHIPS SHALL BE 1/2-INCH FLEXIBLE STEEL CONDUIT, LENGTH AS REQUIRED TO MAKE A TAP AT AN ACCESSIBLE J-BOX. RECESSED LIGHT FIXTURES IN NON-ACCESSIBLE CEILINGS MAY BE DAISY CHAINED USING THE LIGHT FIXTURE'S INTEGRAL, UL LISTED J-BOX OR INTERNAL WIRE WAY THAT IS ACCESSIBLE THROUGH FIXTURE FROM BELOW THE CEILING. REFER TO 26 05 33 CONDUIT SYSTEMS.
3	PROVIDE NEW LIGHTING CONTROLS, SENSORS AND ASSOCIATED DEVICES. 20A EMERGENCY LOAD CONTROL, RELAYS AND/OR TRANSFER SWITCHES. REFER TO SPECIFICATIONS AND DETAIL SHEETS.
4	LOCATE DIGITAL LIGHTING CONTROLLER FOR INSTRUCTIONAL SPACES AND OFFICES ABOVE ACCESSIBLE CEILING IN CORRIDOR DIRECTLY OUTSIDE OF ENTRY DOOR. PROVIDE LABEL IDENTIFYING ASSOCIATED SPACE. GRID MARKERS WITH WORDING PER SPECIFICATIONS.
5	OCCUPANCY/VACANCY SENSOR AND DAYLIGHTING SENSOR LOCATIONS INDICATE SPACE OR AREA CONTROLLED. CONTRACTOR TO PROVIDE ACTUAL QUANTITIES, TYPES, AND MOUNTING LOCATIONS AS RECOMMENDED BY MANUFACTURER AND IEC-2015 C405.
6	SPACES WITH MULTIPLE OCCUPANCY/VACANCY SENSORS OR WHERE LINE OF SIGHT MAY BE OBSCURED, SHALL BE LINKED TOGETHER FOR SIMULTANEOUS OPERATION WITHIN THE SPACE.
7	MAINTAIN CONSTANT UNSWITCHED CIRCUITS FROM EXISTING SOURCE AND/OR NEW AS SHOWN FOR EMERGENCY FIXTURES, EMERGENCY LOAD RELAYS, TRANSFER SWITCHES AND EXIT SIGNS.
8	COORDINATE LOCATION OF LIGHT FIXTURES IN ALL MECHANICAL AND ELECTRICAL ROOMS WITH MECHANICAL EQUIPMENT, PIPING, AND ALL OTHER TRADES.
9	PROVIDE SEPARATE RACEWAY SYSTEMS FOR LIGHTING CONTROL SYSTEM, CONTROLS WIRING (DIMMERS OR OTHERWISE) SHALL NOT BE INSTALLED IN THE SAME RACEWAY AS LINE VOLTAGE. REFER TO 26 05 33.



LINETYPE LEGEND	
	EXISTING TO REMAIN
	DISCONNECT AND REMOVE
	NEW WORK

CONTRACTOR TO FIELD COORDINATE FINAL LOCATION OF ALL REPLACEMENT AND NEW LIGHTING FIXTURES WITH EXISTING CEILING MOUNTED DEVICES, AND TO NOTIFY ENGINEER IF THERE ARE ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND THE NEW LIGHTING LAYOUT PRIOR TO COMMENCEMENT OF WORK.

PROVIDE NEW LIGHTING DEVICES AND SWITCH BOX EXTENSIONS IN ALL AREAS WHERE GYPSUM BOARD OR OTHER WALL COVERING ADDS TO THE THICKNESS OF WALLS. SEE ARCHITECTURAL DRAWINGS FOR AREAS AFFECTED.

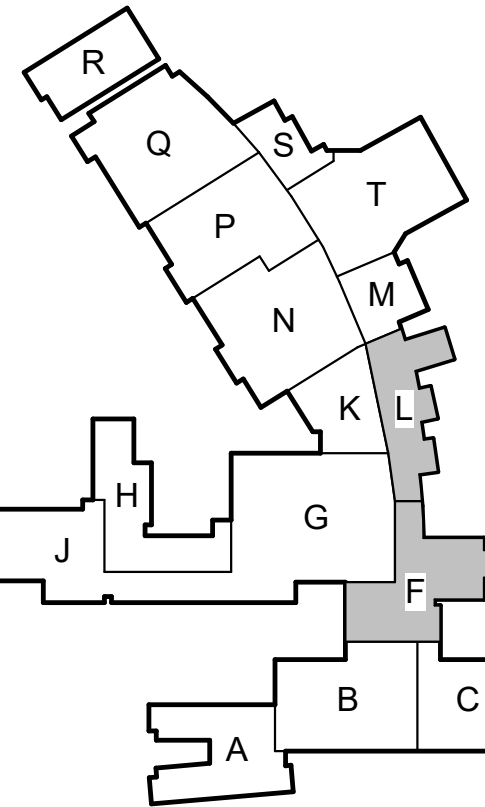
CONNECT NEW INTERIOR LIGHT FIXTURES AND/OR EXIT SIGNS TO EXISTING CIRCUITS LEFT IN PLACE AFTER DEMOLITION OR NEW AS SHOWN. EXTEND/RE-ROUTE WIRING WITH MATCHING CONDUCTORS/CONDUIT TO EXISTING LOCATION AND/OR NEW FIXTURES. FIELD VERIFY CONNECTED LOAD ON EACH 20A BRANCH CIRCUIT NOT TO EXCEED 3500 W @ 277V, TYPICAL.

LIGHTING GENERAL NOTES

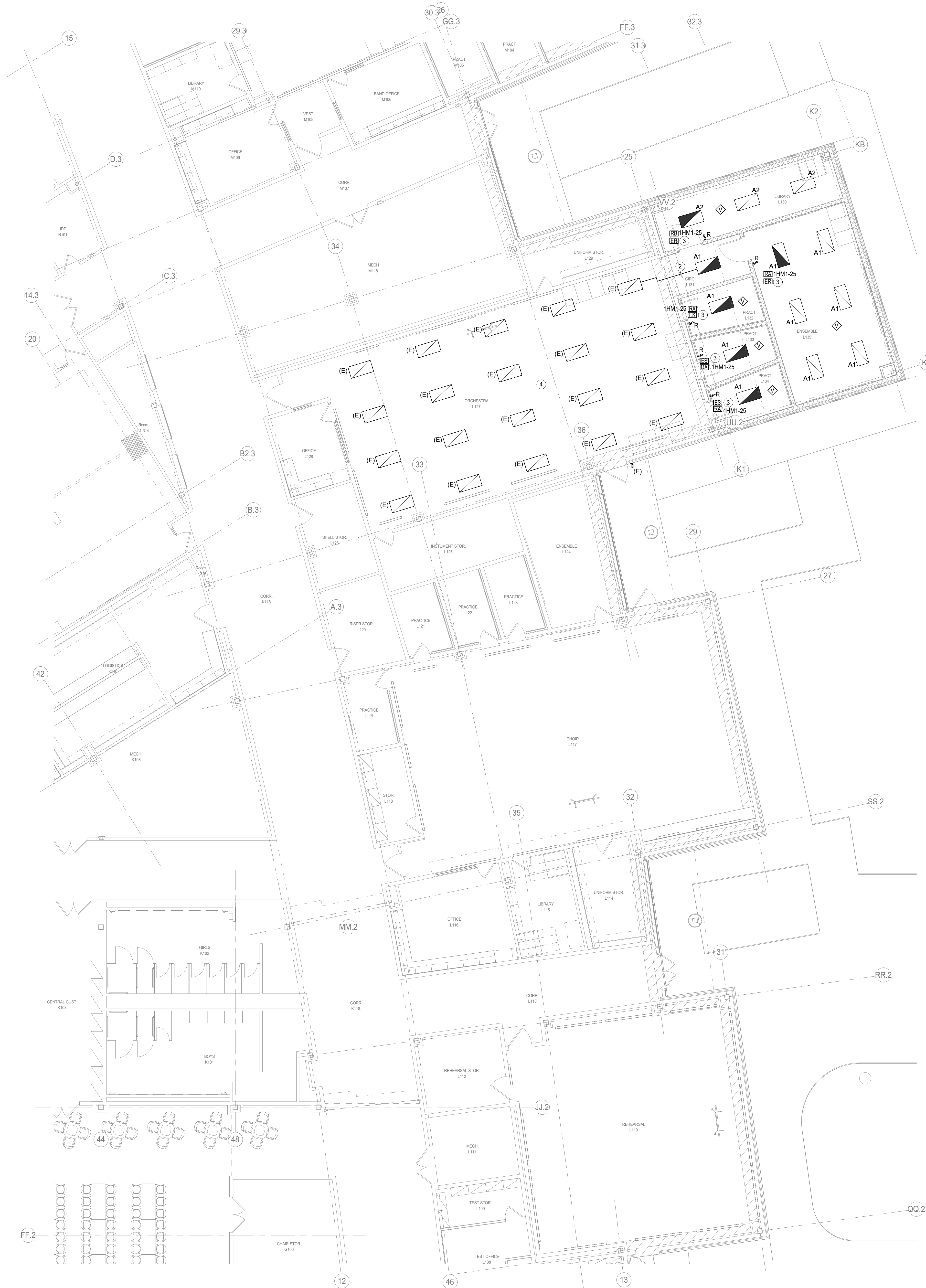
- 1 CONNECT NEW LIGHT FIXTURES TO EXISTING NORMAL POWER CIRCUITS LEFT IN PLACE AFTER DEMOLITION OR NEW AS SHOWN. PROVIDE EMERGENCY CIRCUIT FOR HATCHED FIXTURES AND/OR EXIT SIGNS. EXTEND WIRING WITH MATCHING CONDUCTORS/CONDUIT TO EXISTING LOCATION AND/OR NEW FIXTURES. FIELD VERIFY CONNECTED LOAD NOT TO EXCEED 3500 W @ 277V, TYPICAL.
- 2 LOCATION OF NEW / REPLACEMENT LIGHT FIXTURES SHALL RE-USE EXISTING J-BOX AND EXISTING LIGHT FIXTURE WHIPS AS PRACTICAL. EXTEND WIRING WITH MATCHING CONDUCTORS/CONDUIT AND PROVIDE NEW J-BOX ABOVE ACCESSIBLE CEILING WITH 1/2-INCH FLEXIBLE STEEL CONDUIT OR STEEL MC CABLE, LENGTH NOT TO EXCEED 8-FEET, 'DAISY CHAINING' LIGHT FIXTURES INSTALLED FOR LAY-IN CEILING AREAS IS NOT ALLOWED. FOR NON-ACCESSIBLE CEILINGS, LIGHT FIXTURE WHIPS SHALL BE 1/2-INCH FLEXIBLE STEEL CONDUIT, LENGTH AS REQUIRED TO MAKE A TAP AT AN ACCESSIBLE J-BOX. RECESSED LIGHT FIXTURES IN NON-ACCESSIBLE CEILINGS MAY BE DAISY CHAINED USING THE LIGHT FIXTURE'S INTEGRAL, UL LISTED, J-BOX OR INTERNAL WIRE WAY THAT IS ACCESSIBLE THROUGH FIXTURE FROM BELOW THE CEILING. REFER TO 26.05.33 CONDUIT SYSTEMS.
- 3 PROVIDE NEW LIGHTING CONTROLS, SENSORS AND ASSOCIATED DEVICES, 20A EMERGENCY LOAD CONTROL, RELAYS AND/OR TRANSFER SWITCHES. REFER TO SPECIFICATIONS AND DETAIL SHEETS.
- 4 LOCATE DIGITAL LIGHTING CONTROLLER FOR INSTRUCTIONAL SPACES AND OFFICES ABOVE ACCESSIBLE CEILING IN CORRIDOR DIRECTLY OUTSIDE OF ENTRY DOOR. PROVIDE LABEL IDENTIFYING ASSOCIATED SPACE. GRID MARKERS WITH WORDING PER SPECIFICATIONS.
- 5 OCCUPANCY/VACANCY SENSOR AND DAYLIGHTING SENSOR LOCATIONS INDICATE SPACE OR AREA CONTROLLED. CONTRACTOR TO PROVIDE ACTUAL QUANTITIES, TYPES, AND MOUNTING LOCATIONS AS RECOMMENDED BY MANUFACTURER AND IECC-2015 C405.
- 6 SPACES WITH MULTIPLE OCCUPANCY/VACANCY SENSORS OR WHERE LINE OF SIGHT MAY BE OBSCURED, SHALL BE LINKED TOGETHER FOR SIMULTANEOUS OPERATION WITHIN THE SPACE.
- 7 MAINTAIN CONSTANT UNSWITCHED CIRCUITS FROM EXISTING SOURCE AND/OR NEW AS SHOWN FOR EMERGENCY FIXTURES, EMERGENCY LOAD RELAYS, TRANSFER SWITCHES AND EXIT SIGNS.
- 8 COORDINATE LOCATION OF LIGHT FIXTURES IN ALL MECHANICAL AND ELECTRICAL ROOMS WITH MECHANICAL EQUIPMENT, PIPING, AND ALL OTHER TRADES.
- 9 PROVIDE SEPARATE RACEWAY SYSTEMS FOR LIGHTING CONTROL SYSTEM, CONTROLS WIRING (DIMMERS OR OTHERWISE) SHALL NOT BE INSTALLED IN THE SAME RACEWAY AS LINE VOLTAGE. REFER TO 26.05.33.

ELECTRICAL KEYED NOTES

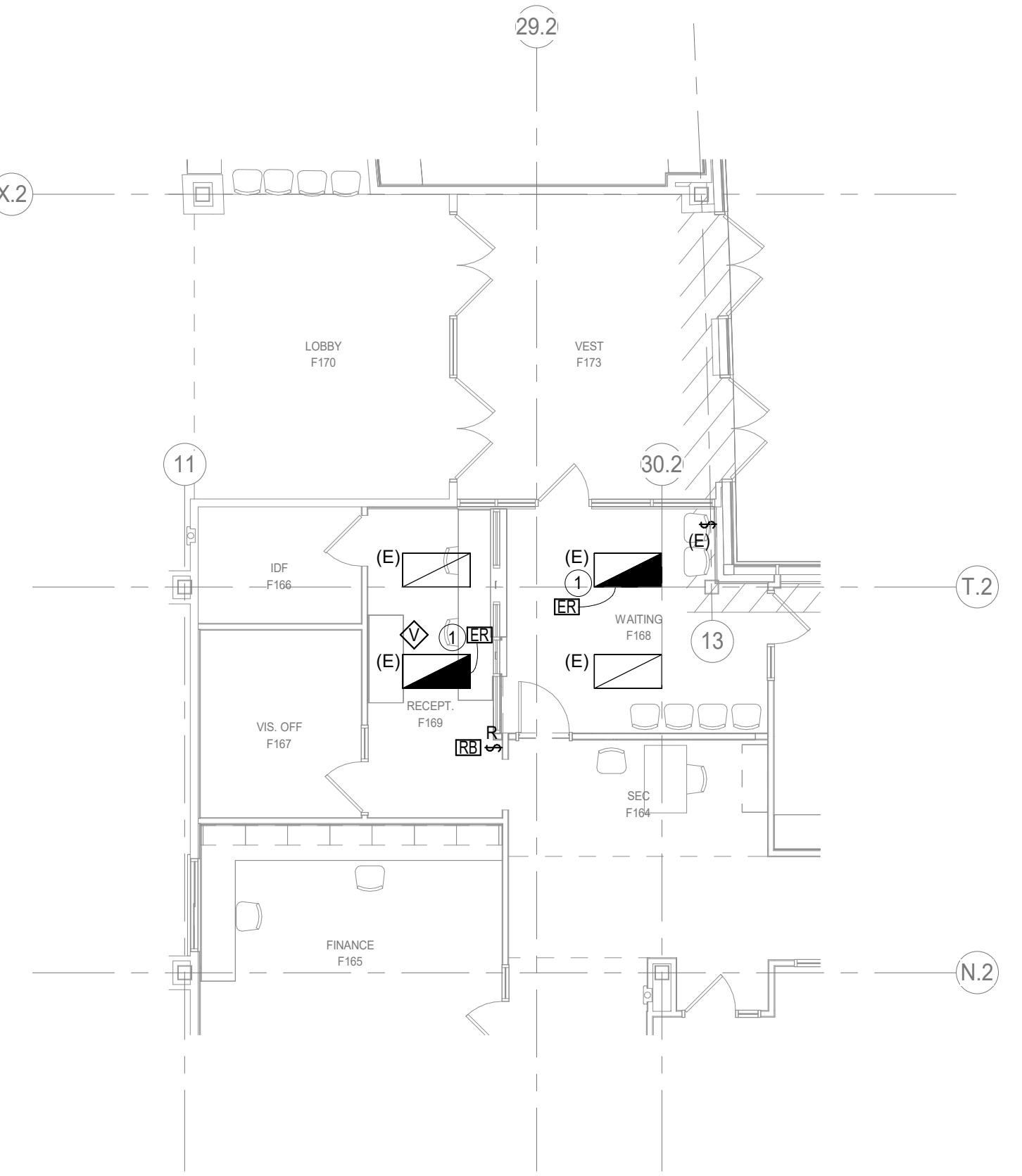
- 1 NEW LOCATION OF EXISTING FIXTURE PRESERVED DURING DEMOLITION. PROVIDE POWER TO FIXTURE FROM EXISTING LIGHTING CIRCUITS IN THIS AREA. PROVIDE EMERGENCY POWER TO FIXTURE SHOWN TO BE EMERGENCY. PROVIDE NEW J-BOX, EMERGENCY LOAD CONTROL, RELAY AND WIRING TO FUNCTION WITH OTHER EMERGENCY FIXTURES SERVING THE SPACE.
- 2 EXTEND EXISTING EMERGENCY CIRCUIT AND EMERGENCY RELAY CONTROLS FROM EXISTING LIGHTING CIRCUIT, AS SHOWN, TO NEW FIXTURE. EXTEND CONDUIT AND WIRING AS NECESSARY.
- 3 PROVIDE POWER TO NEW EMERGENCY FIXTURES FROM EXISTING EMERGENCY LIGHTING CIRCUIT IN THIS AREA. EXTEND CONDUCTOR AND CONDUITS MATCHING EXISTING SIZE TO NEW EMERGENCY FIXTURES AND CONTROL RELAYS. FIELD VERIFY CONNECTED LOAD ON EACH 20A BRANCH CIRCUIT NOT TO EXCEED 3500W @ 277V.
- 4 TEMPORARILY DISCONNECT AND REMOVE ALL CEILING MOUNTED ELECTRICAL AND FIRE ALARM DEVICES FOR INCIDENTAL MECHANICAL, TECHNOLOGY, FIRE ALARM, FIRE SPRINKLERS, AND PLUMBING SCOPE OF WORK. AFTER COMPLETION RELOCATE TO PREVIOUS LOCATION AS REQUIRED.



KEY PLAN - 1ST FLOOR
N.T.S.



1 ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 1 - AREA L
Scale: 1/8" = 1'-0"



2 ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 1 - AREA F - FRONT DESK
Scale: 1/8" = 1'-0"

LINETYPE LEGEND

EXISTING TO REMAIN

DISCONNECT AND REMOVE

NEW WORK

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 AND PLUMBING 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 GFCI TYPE.
- 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 ROUTE 3/4" C. TO ASSOCIATED OUTDOOR UNIT ON ROOF. ROUTE PARALLEL WITH REFRIGERATION LINES.
- 2 MOUNT ABOVE BACK OF RACK. REFER TO DETAIL.
- 3 PROVIDE NEW POWER TO EXISTING DEVICE FROM NEW PANEL. REUSE EXISTING CONDUIT AND WIRING WHERE POSSIBLE. INTERCEPT AND EXTEND CIRCUIT TO NEW PANEL.
- 4 CONTRACTOR TO CONFIRM IF EXISTING IT RACK RECEPTACLES ARE MOUNTED ON UNISTRUT ABOVE IT RACK. PROVIDE UNISTRUT AND RELOCATE RECEPTACLES AS NEEDED TO MEET OWNER STANDARD. REFER TO DETAIL ON SHEET E8.01.

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien
Houston
10930 W. San Houston Pkwy North, Suite 900
Houston, TX 77066
Sales O'Brien Registration: F-4111
Sales O'Brien Project Number: 2024-00196-00

Bradley K. Williams
BRADLEY K. WILLIAMS
REGISTERED ELECTRICAL ENGINEER
08/18/2025

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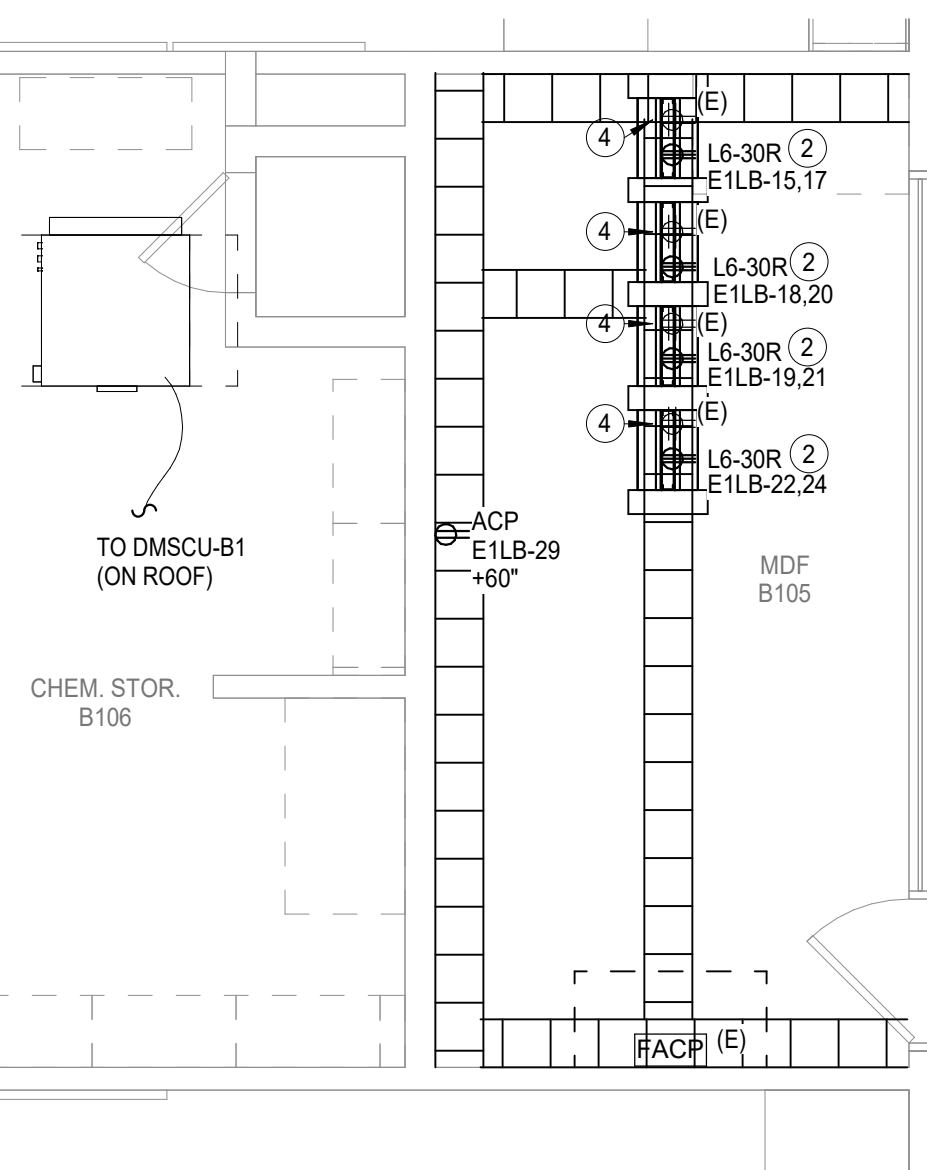
ELECTRICAL ENLARGED FLOOR PLANS

Job No.
01818-07-01
Sheet No.
E4.01
Date:
06/18/2025

ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 1 - A132

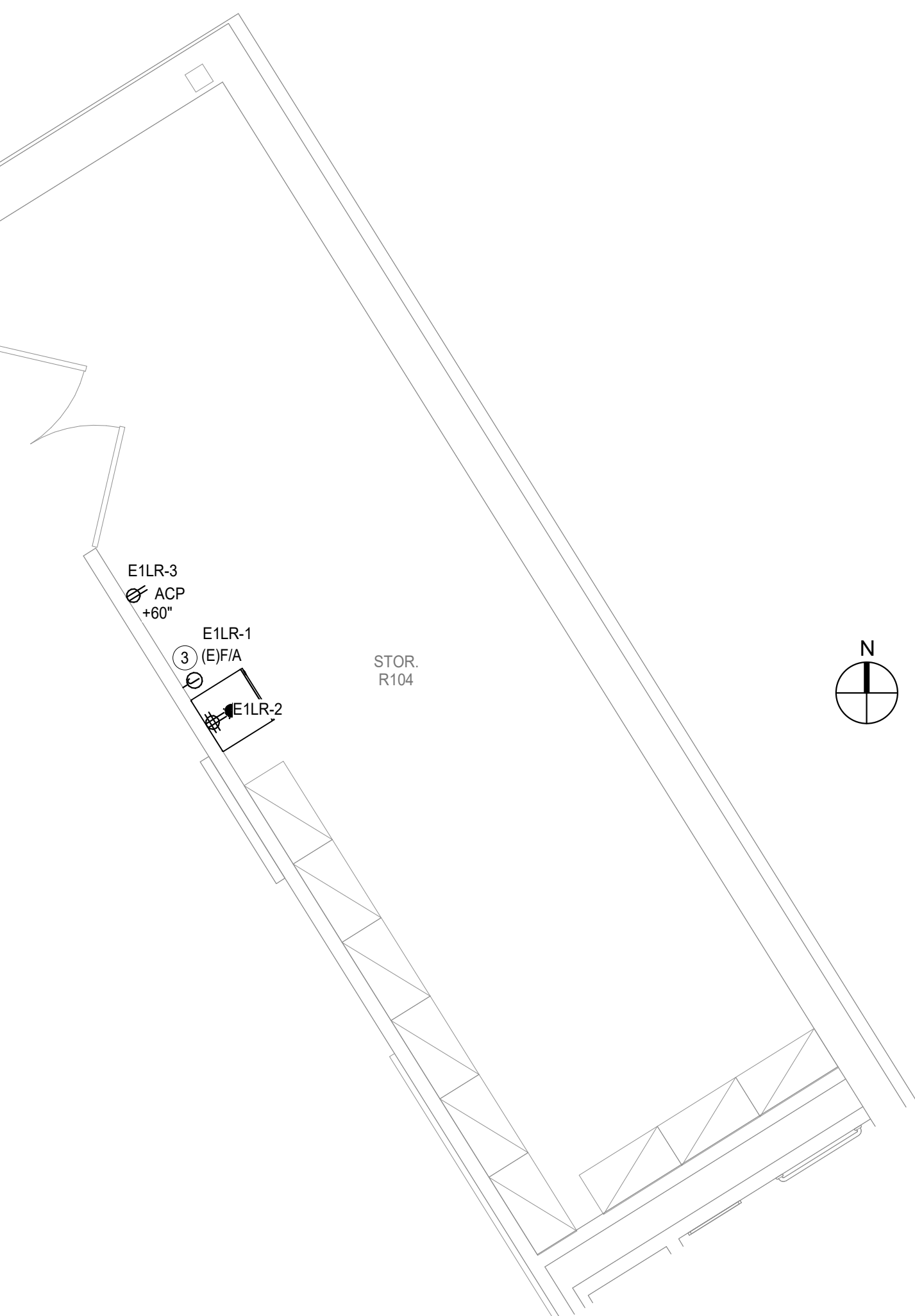
Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 1 - MDF B106

Scale: 1/4" = 1'-0"



ELECTRICAL COMPOSITE FLOOR PLAN -

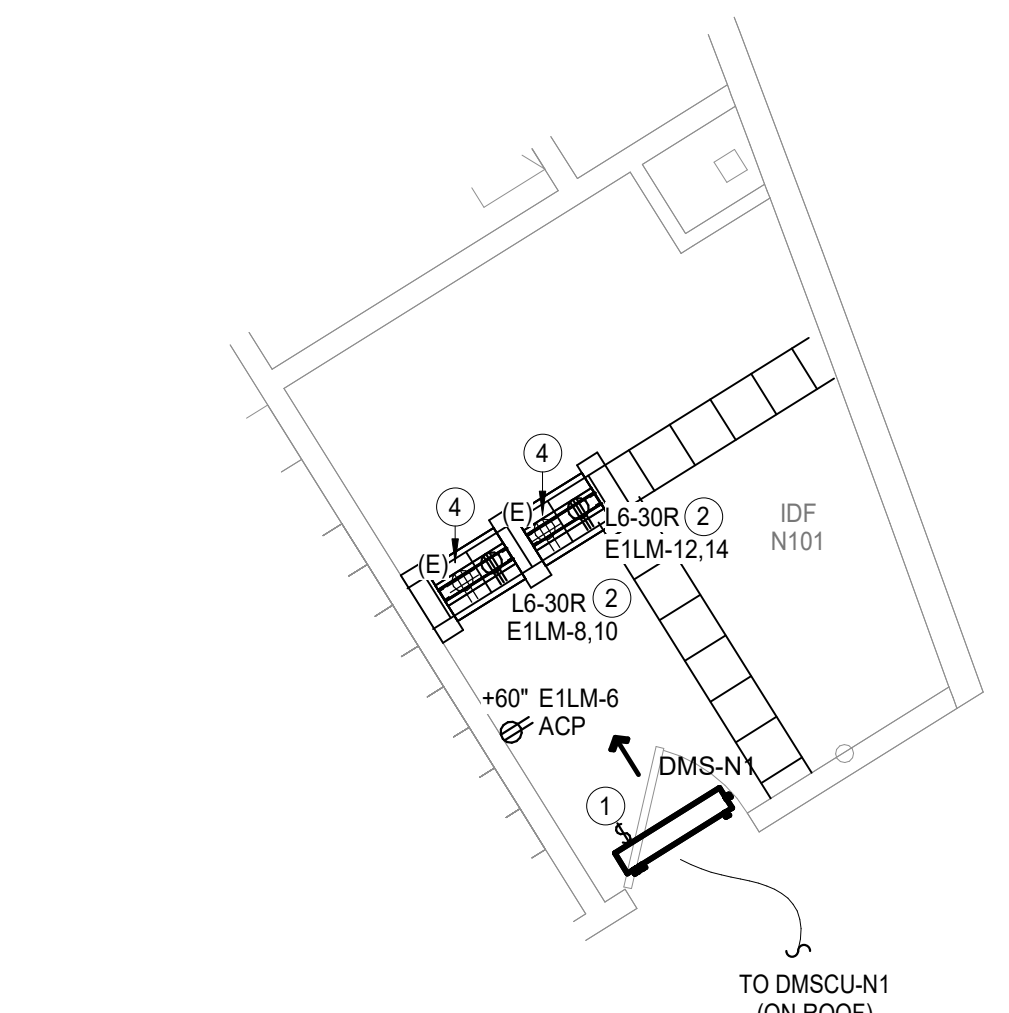
LEVEL 1 - STOR. R104

Scale: 1/4" = 1'-0"

ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 1 - IDF F166

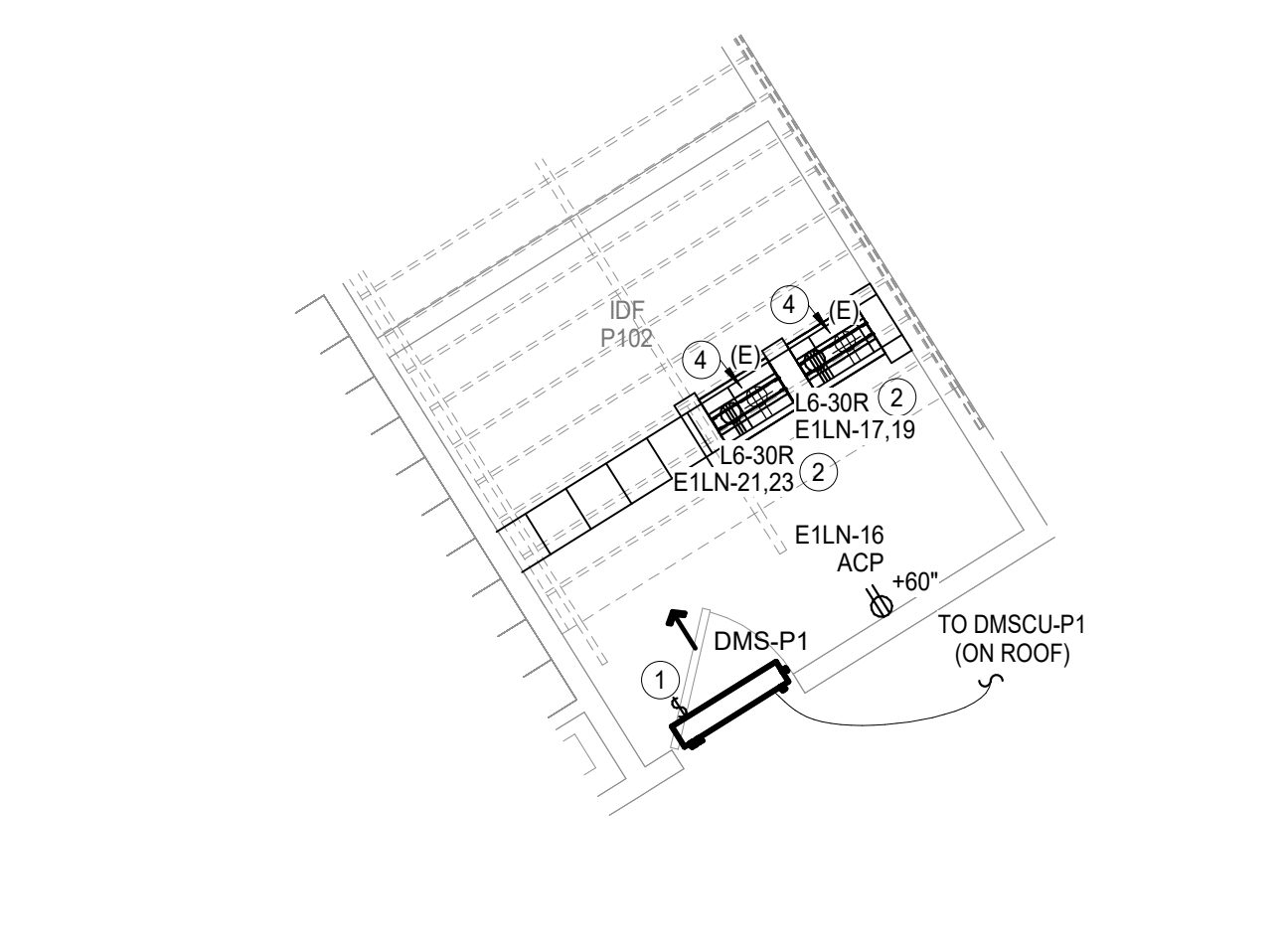
Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 1 - IDF N101

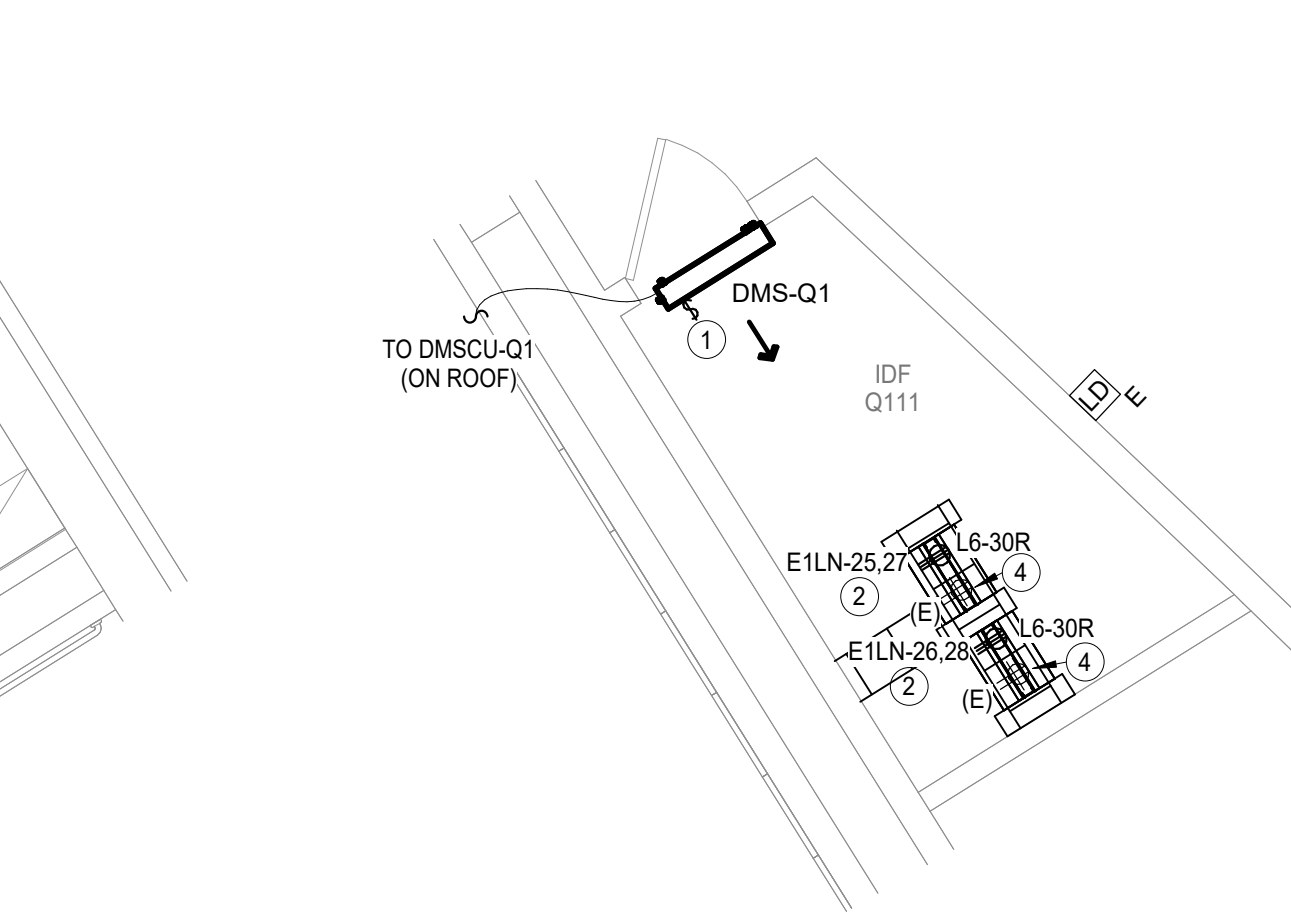
Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 1 - IDF P102

Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

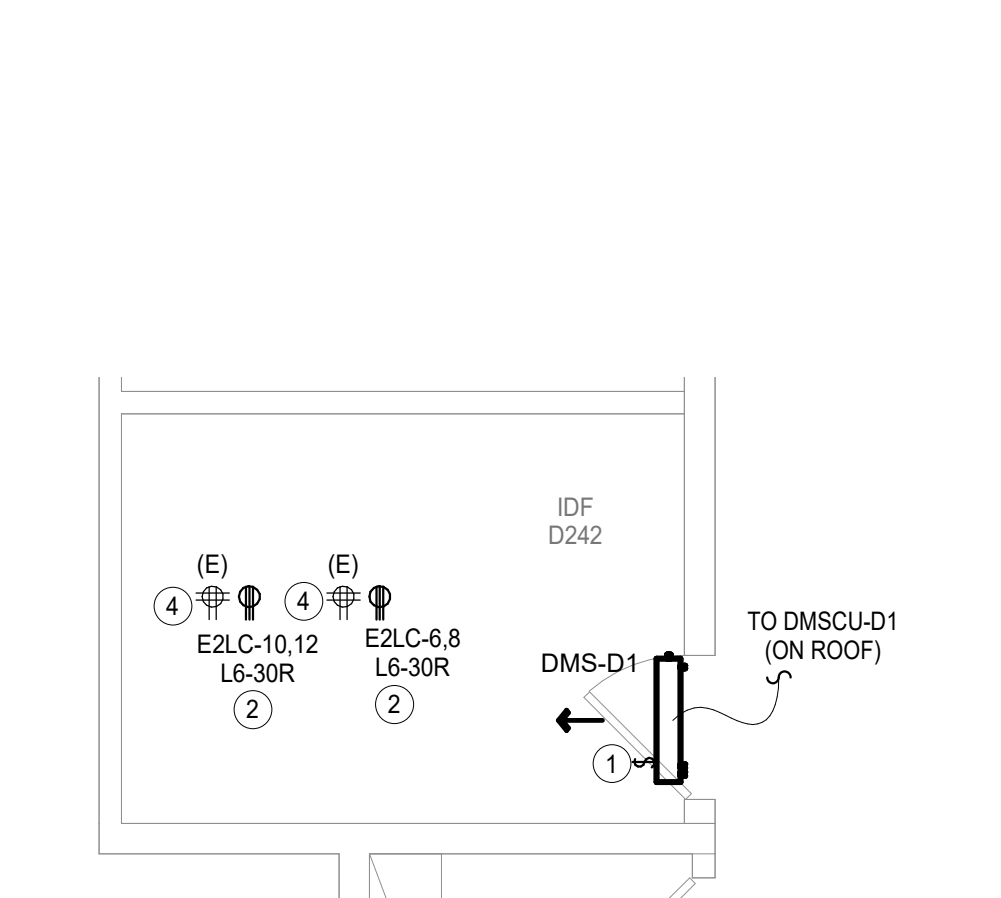
LEVEL 1 - Q111

Scale: 1/4" = 1'-0"

ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 1 - IDF H112

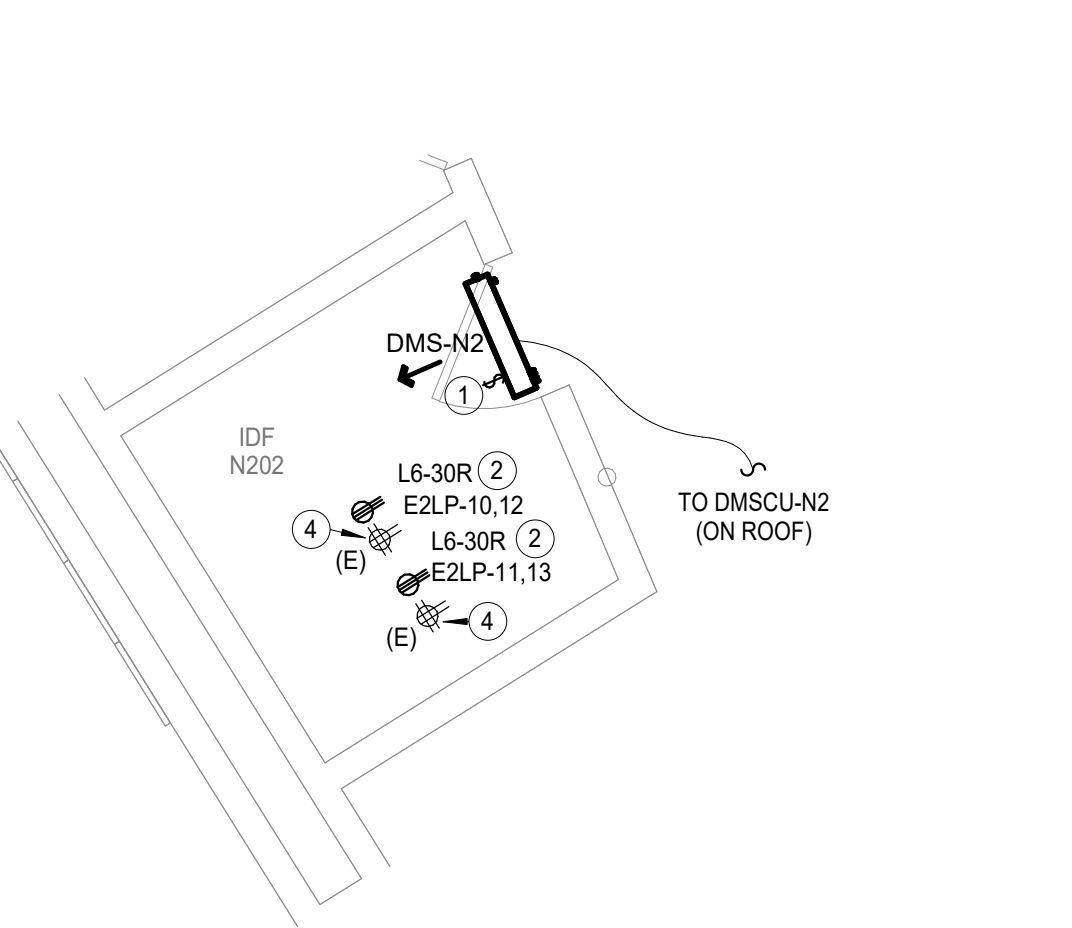
Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 2 - IDF D242

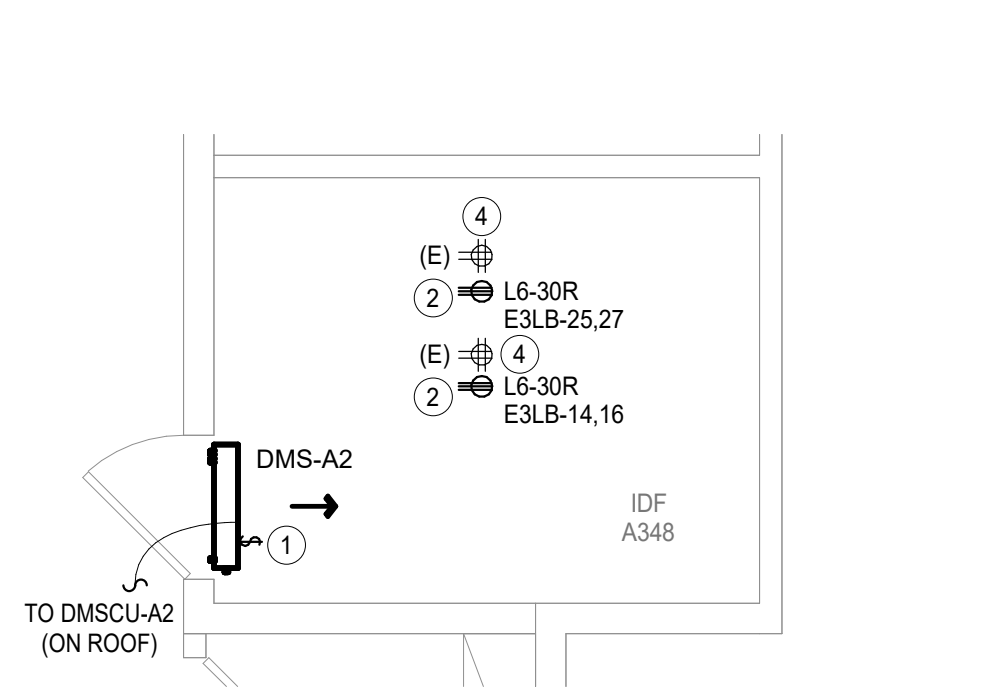
Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 2 - IDF N202

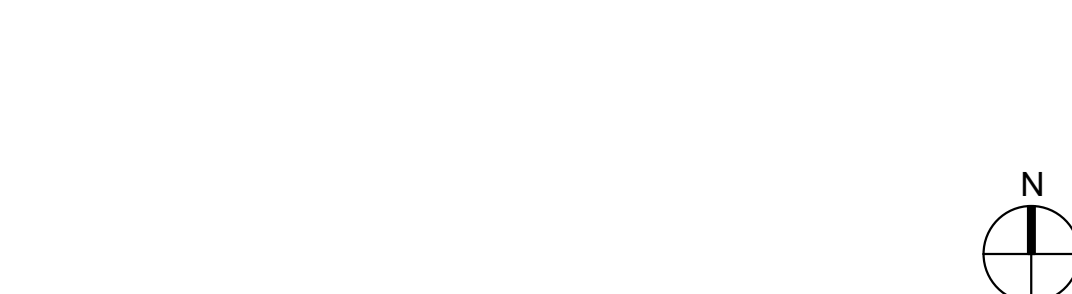
Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 2 - IDF A348

Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

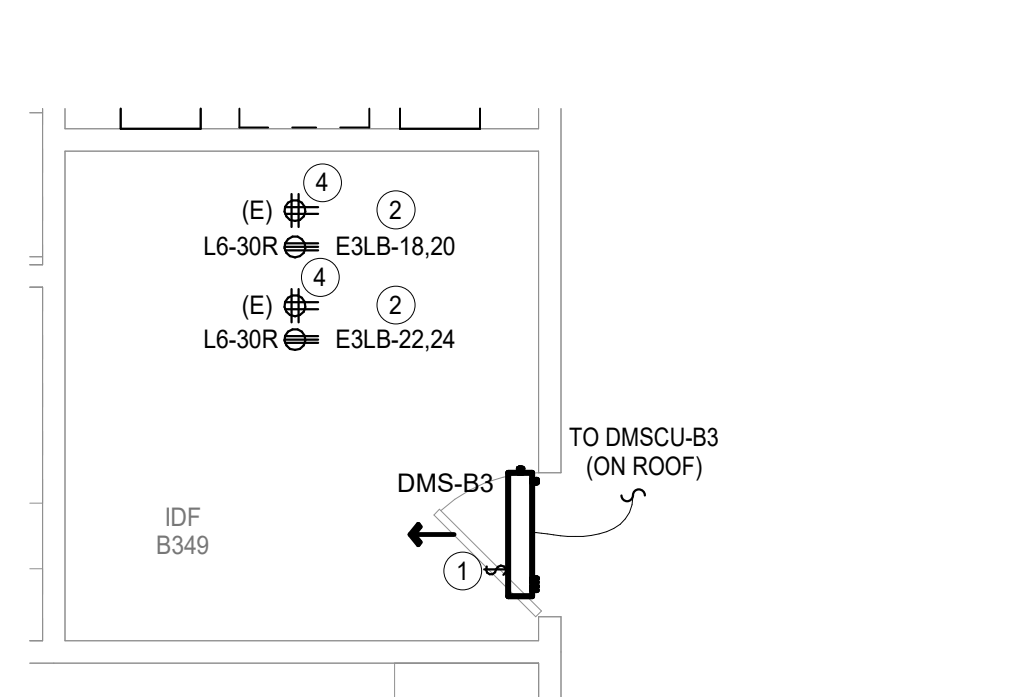
LEVEL 1 - STOR T126

Scale: 1/4" = 1'-0"

ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 2 - IDF B205

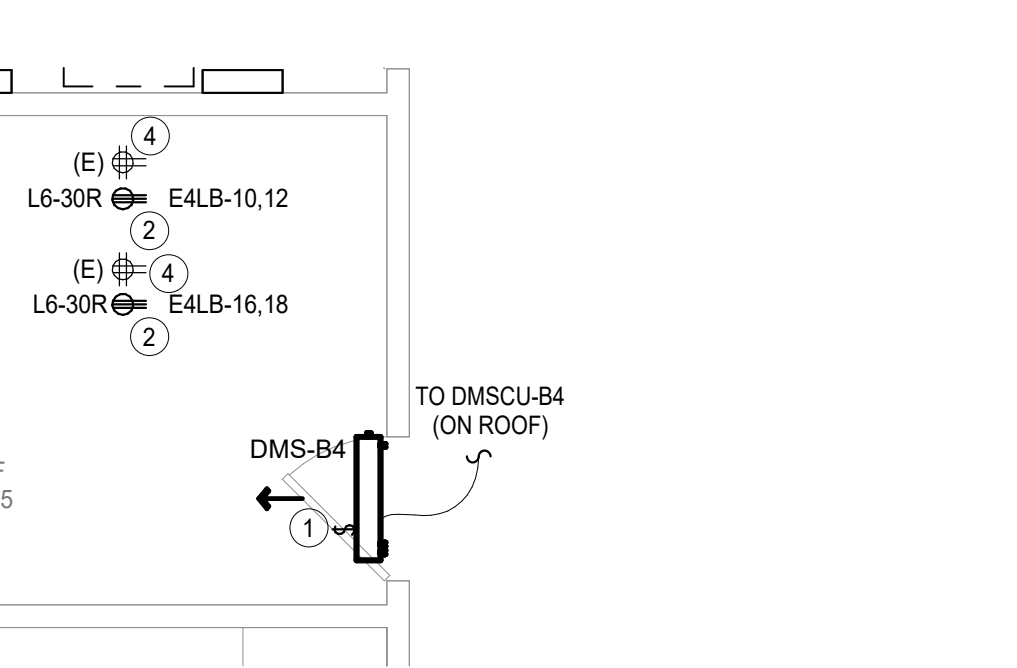
Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 2 - IDF B349

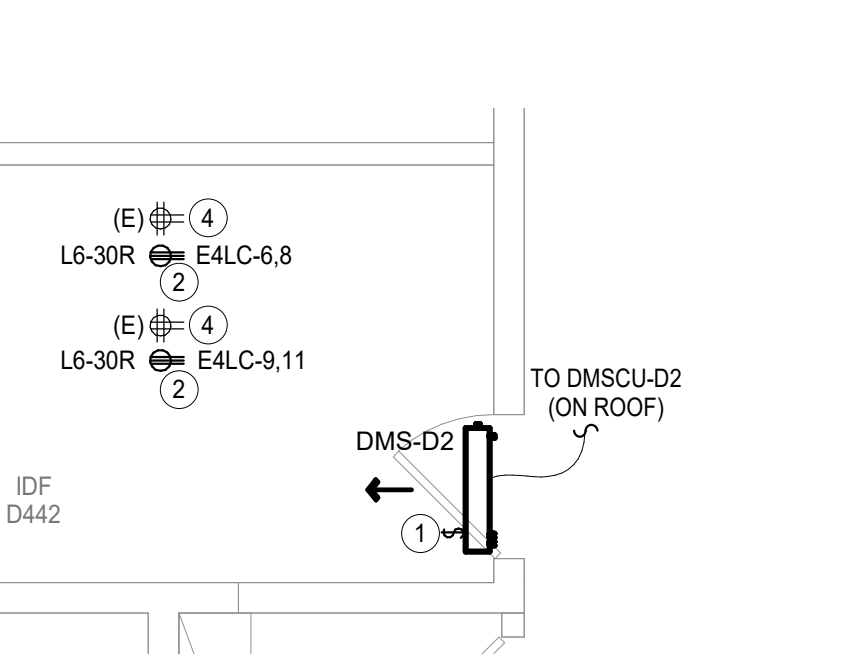
Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 2 - IDF B405

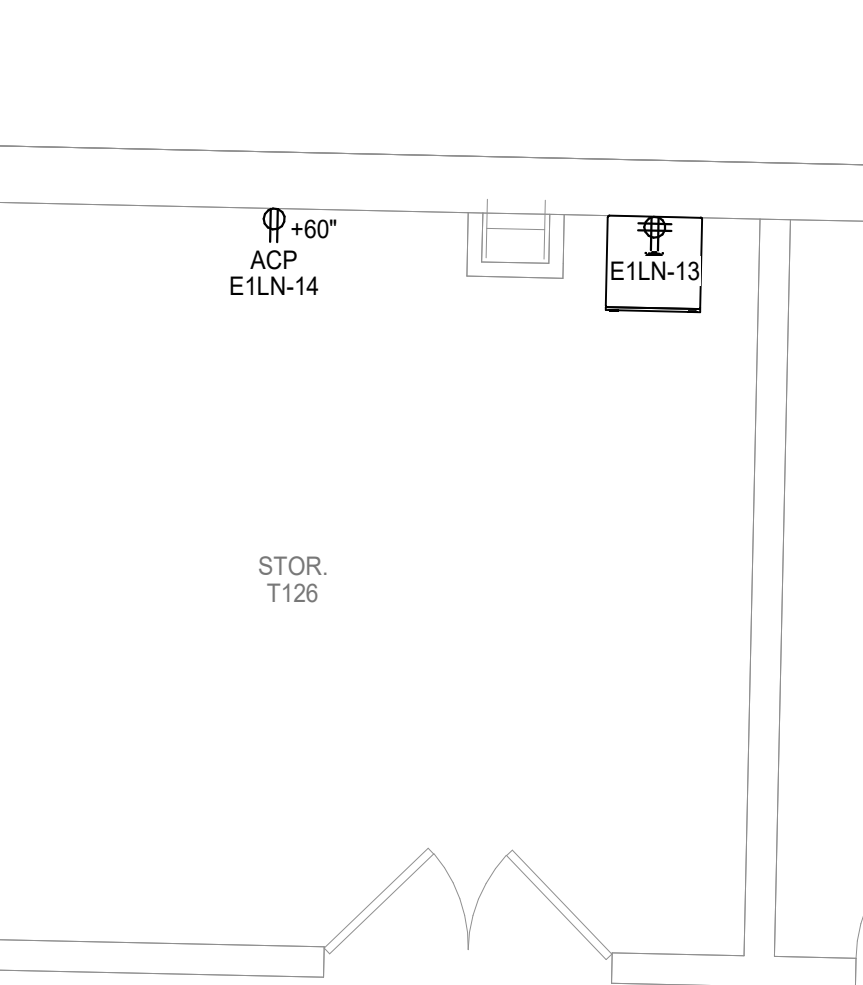
Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 2 - IDF D442

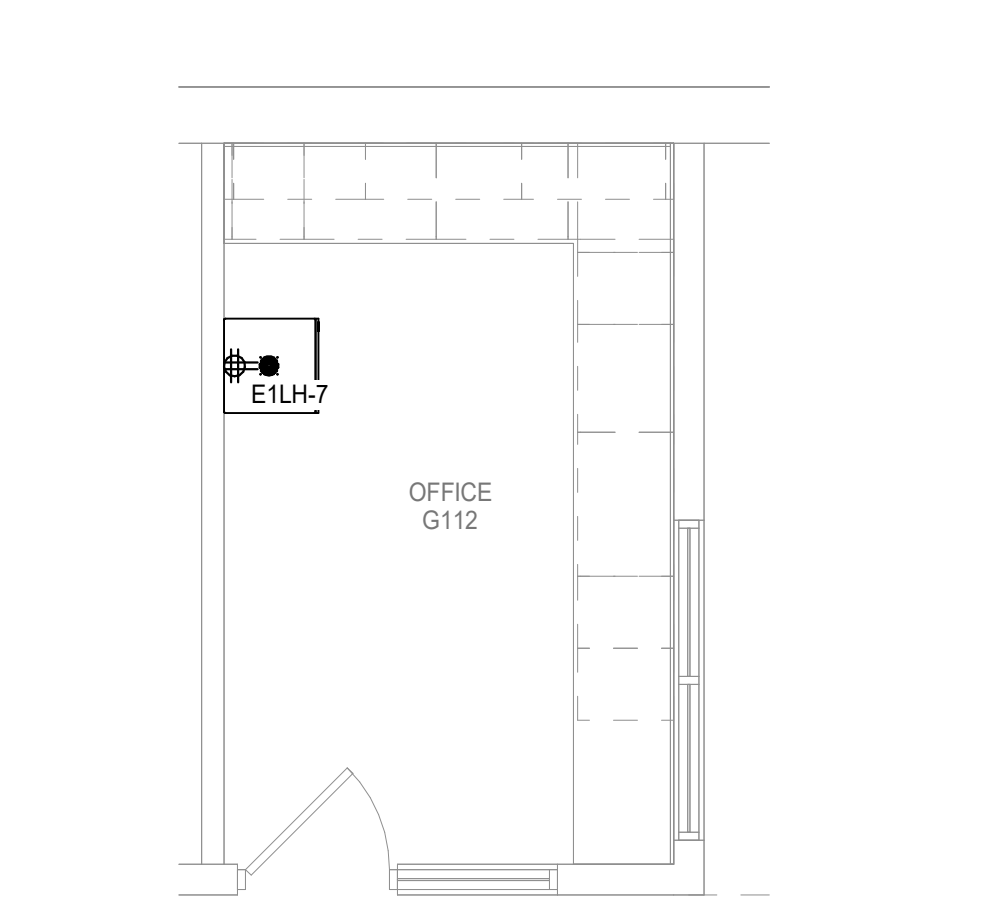
Scale: 1/4" = 1'-0"



ELECTRICAL ENLARGED FLOOR PLAN -

LEVEL 1 - IDF E107

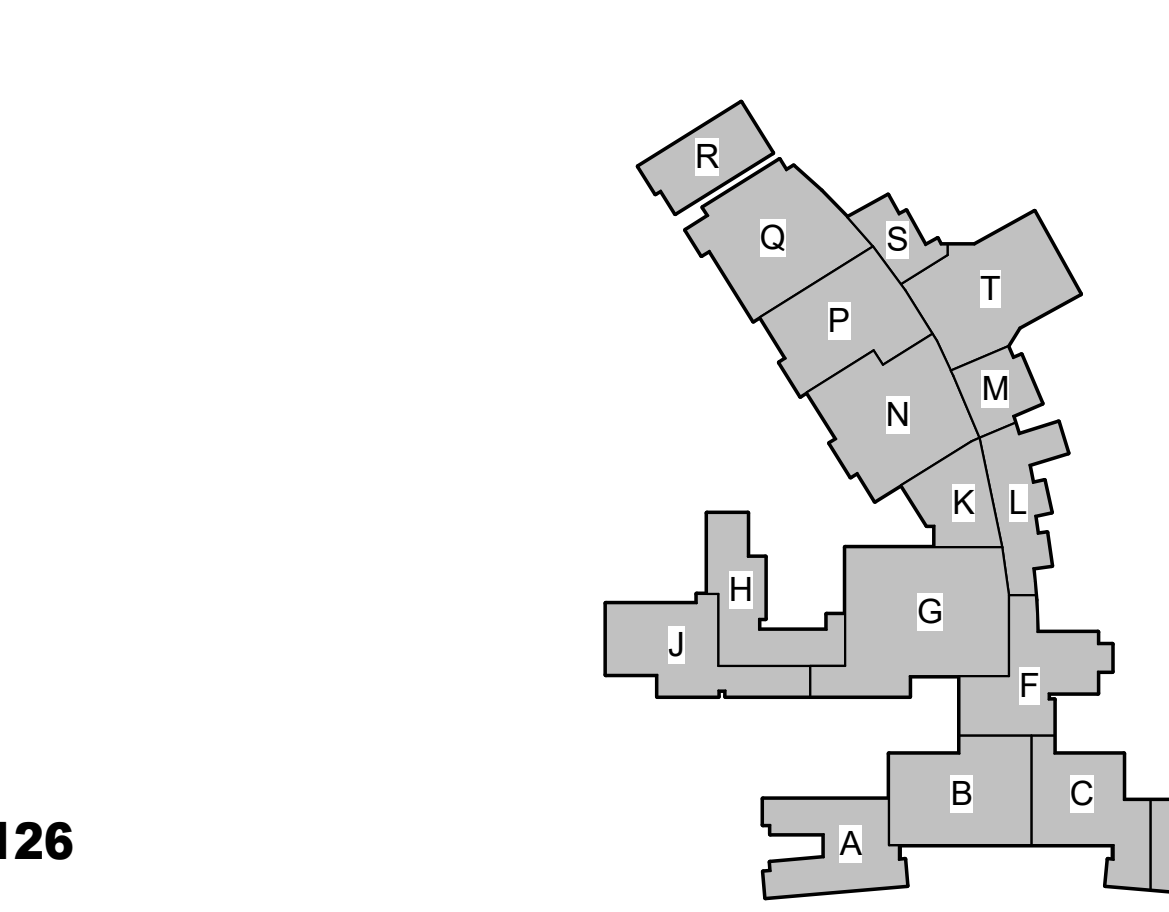
Scale: 1/4" = 1'-0"



ELECTRICAL COMPOSITE FLOOR PLAN -

LEVEL 1 - OFFICE G112

Scale: 1/4" = 1'-0"

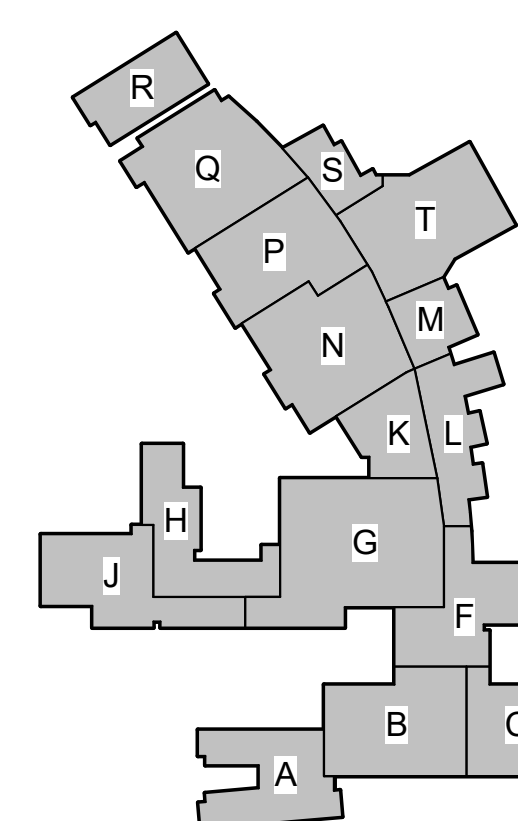
KEY PLAN - 1ST FLOOR
N.T.S.

- 1 ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
- 2 THE CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTIONS, BRANCH CIRCUITS, WATERTIGHT CONDUIT, 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.
- 4 ALL RECEPTABLES LOCATED WITHIN 6'-0" OF SINK SHALL BE GFCI TYPE.
- 5 CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTABLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL, ROUGH-IN EQUIPMENT. CONTRACTOR SHALL INSURE 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 ELECTRICAL SYMBOL SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BOOK BOXES, FITTINGS AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 8 ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL W/HEM AND USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RGT RECEPTABLES.

1	PROVIDE POWER TO NEW MAINTENANCE RECEPTACLE MOUNTED BELOW DMSCU DISCONNECT ON ROOF FROM 208V PANEL NOTED. PROVIDE NEW 20A, 1POLE BREAKER WITH #10 WIRE. UP TO 7 DEVICES CAN BE PLACED ON ONE CIRCUIT. CONTRACTOR TO ENSURE TOTAL CIRCUIT LOAD DOES NOT EXCEED 1500W.
2	PROVIDE POWER TO NEW MECHANICAL EQUIPMENT FROM EXISTING 208V PANEL WITH CIRCUIT DESIGNATION AS NOTED. REFER TO COMPOSITE FLOOR PLANS FOR PANEL LOCATIONS.

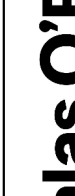


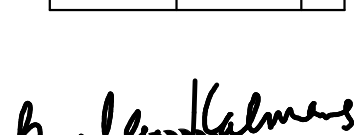
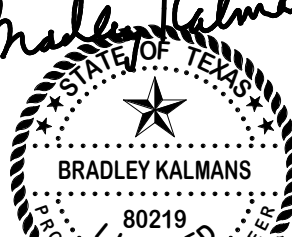
NOTE: EXISTING ROOF TO REMAIN, DO NOT USE THE EXISTING ROOF FOR STORING EXISTING OR NEW MATERIALS. CONTRACTOR TO REPAIR ALL DAMAGE TO EXISTING ROOF DUE TO CONSTRUCTION.



KEY PLAN - 1ST FLOOR
N.T.S.

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

	<h1>Salas O'Brien</h1>
	<p>Houston 5500 West Loop South, Suite 500 Houston, TX 77056 Salas O'Brien Registration: F-4111 Salas O'Brien Project Number: 2004-00196-00</p>

08/18/2025



Huckabee
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800.687.1229

ELECTRICAL ROOF PLAN

Job No. 01818-07-01
Drawn By: KJ
Date: 06/18/2025

Sheet No.
E5.



277/480, 3PH, 4W 750KVA/937.5KVA	
LOAD DESCRIPTION	LOAD KVA
EXISTING LOAD PER OWNER	116.3
EXISTING CALCULATED LOAD @125% (NEC 220.87)	145.5
<u>NEW LOAD:</u>	
RECEPTACLES (CONNECTED NEC 220.44)	36.4
1ST 10KVA @100% (NEC 220.44)	10
REMANDE@50% (NEC 220.44)	13.2
HVAC - FANS, AHUS (NEC 220.44)	63
LIGHTING	2.9
LIGHTING @ 125%	3.6
<u>TOTAL LOAD:</u>	
TOTAL KVA	235.3
TOTAL AMPS	263

277/480, 3PH, 4W 4000A SERVICE	
LOAD DESCRIPTION	LOAD KVA
EXISTING LOAD FROM UTILITY @125% (NEC 220.87)	1208
RECEPTACLES (CONNECTED NEC 220.44)	6.5
1ST 10KVA @ 100% (NEC 220.44)	6.5
REMAINDER @50% (NEC 220.44)	--
HVAC - FANS, AHUS (NEC 220)	9
LIGHTING	--
LIGHTING @ 125%	--
TOTAL KVA	1223.4
TOTAL AMPS	1472.2

Branch Panel: 1HE										RELOCATED EXISTING PANEL									
Location: MECH E110 Supply From: MSBA Mounting: Surface					Volts: 277/480 Wye Phases: 3 Wires: 4 Phase in kVA					A.I.C. Rating: EXIST. Enclosure: Type 1 Mains: 225A MLO									
Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note							
2	1	AREA E CORRIDOR	--	20	1	0.6/0.0					2								
2	3	OFFICE/STORAGE	--	20	1	2.9/0.0					4	2							
2	5	KLIN	--	20	1		0.2/0.0		3	40	--	AHU-E1 (15 HP)							
2	7	MM-E1	--	35	1	5.4/0.0			1	20	--	SPARE							
2	9	SITE LIGHTING & PLAN D	--	20	1		1.2/0.0		1	20	--	SPARE							
1	11	Lighting Room E109, E114, E110, E112	#12	20	1		1.3/0.0		1	20	--	SPARE							
13	SPACE		--	--	1	0.0/0.0			1	20	--	SPARE							
15	SPACE		--	--	1		0.0/0.0		1	20	--	SPARE							
17	SPACE		--	--	1			0.0/2.1											
19	SPACE		--	--	1	0.0/2.1			3	20	#12	AHU-E2							
21	SPACE		--	--	1		0.0/2.1												
23	SPACE		--	--	1			0.0/0.0	1	--	--	SPACE							
25	SPACE		--	--	1	0.0/0.0			1	--	--	SPACE							
27	SPACE		--	--	1		0.0/0.0		1	--	--	SPACE							
29	SPACE		--	--	1			0.0/0.0	1	--	--	SPACE							
31	SPACE		--	--	1	0.0/0.0			1	--	--	SPACE							
33	SPACE		--	--	1		0.0/0.0		1	--	--	SPACE							
35	SPACE		--	--	1			0.0/0.0	1	--	--	SPACE							
37	SPACE		--	--	1	0.0/25.0													
39	SPACE		--	--	1			0.0/22.6	3	125	--	TILE							
41	SPACE		--	--	1														
Total Load:					33.1 kVA	28.8 kVA	28.1 kVA												
Total Amps:					120 A	104 A	101 A												
Load Classification		Connected Load	Demand Factor		Estimated Demand		Panel Totals												
HVAC		8.1 kVA	100.00%		8.1 kVA														
Lighting		1.3 kVA	125.00%		1.6 kVA		Total Conn. Load: 89.9 kVA												
Power		0.0 kVA	0.00%		0.0 kVA		Total Est. Demand: 86.6 kVA												
Receptacles		17.2 kVA	79.04%		13.6 kVA		Total Conn. Current: 108 A												
							Total Est. Demand Current: 104 A												
Existing Loads		Existing Connected	Existing Demand...		Existing Demand														
Existing Load		63.4 kVA	100.00%		63.4 kVA														
Notes:		Abbreviations:																	
EXISTING PANEL - Total Calculated Existing load shown in calculations.		G - PROVIDE GFCI CIRCUIT BREAKER																	
1 - NEW CIRCUIT		LF - PROVIDE PERMANENT LOCK-OFF DEVICE																	
2- EXISTING CIRCUIT. EXTEND BRANCH CIRCUIT CONDUCTORS/WIRING TO NEW PANEL LOCATION.		LO - PROVIDE PERMANENT LOCK-ON DEVICE																	
		E - EXISTING LOAD																	

Branch Panel: 1LE										RELOCATED EXISTING PANEL									
Location: MECH E110 Supply From: T1LE Mounting: Surface					Volts: 120/208 Wye Phases: 3 Wires: 4 Phase in kVA					A.I.C. Rating: 10,000 Enclosure: Type 1 Mains: 250A MCB									
Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note							
2	1	Corridor/Elec/Mech	--	20	1	0.7/4.0					2								
2	3	Office E105	--	20	1		0.7/4.0		3	50	--	Klin 3 Phase 50A							
2	5	Sculpture E106	--	20	1			0.2/4.0			6								
2	7	Sculpture E106	--	20	1	0.2/0.2			1	20	--	Klin							
2	9	Sculpture E106	--	20	1		0.2/0.0		1	20	--	SPARE							
2	11	Teaching Wall E106	--	20	1			0.5/0.2	1	20	--	Klin Vent							
2	13	R Sculpture E106	--	20	1	0.2/0.9			1	15	--	EF-E1							
2	15	R Sculpture E106	--	20	1		0.2/0.9		1	15	--	EF-E2							
2	17	R Sculpture E106	--	20	1			0.2/0.9	1	15	--	EF-E3							
2	19	R Sculpture E106	--	20	1	0.2/0.2			1	20	--	F Klin E109							
2	21	R Storage E104	--	20	1		0.7/1.7		2	20	--	ACCU-E1							
2	23	Art E102	--	20	1			0.9/1.7	2	20	--	Track Lights							
2	25	R Art E102	--	20	1	0.2/1.2			1	20	--	Track Lights							
2	27	R Art E102	--	20	1		0.2/1.2		1	20	--	Track Lights							
2	29	R Art E102	--	20	1		0.2/1.2		1	20	--	Track Lights							
2	31	R Art E102	--	20	1	0.2/1.2			1	20	--	Track Lights							
2	33	Exterior Recept Area E	--	20	1		0.4/0.7		1	20	--	M Corr E106							
2	35	Gen. Recept. IDF E107	--	20	1			0.5/1.5	1	20	--	M Mech E101							
2	37	Marquee	--	20	1	2.0/0.0													
2	39	Sound Power E102	--	20	1		0.1/0.0		3	30	--	SPD2							
2	41	Sound Power E102	--	20	1			0.1/0.0											
2	43	Leak Detection	--	20	1	0.2/0.1			2	15	--	AC-E1							
2	45	EDF-1	--	15	1		0.5/0.1		0.5/0.5	1	15	--	F/A						
2	47	F/A	--	15	1			0.5/0.5	1	15	--	EF-E6							
2	49	M Sculpture 1209	--	20	1	1.5/0.9			1	20	--	Existing Load - Unlabeled							
2	51	IT Rack IDF 1216	--	20	1		0.4/0.4		1	20	--	Existing Load - Unlabeled							
2	53	Existing Load - Unlabeled	--	20	1			0.0/0.4	1	20	--	Existing Load - Unlabeled							
55		Existing Load - Unlabeled	--	50	3	4.0/0.9			1	20	#12	Receptacle							
57		Existing Load - Unlabeled	--	50	3		4.0/0.5		1	20	#12	Receptacle							
59		Existing Load - Unlabeled	--	50	3			4.0/0.5	1	20	#12	Receptacle E114							
61		Existing Load - Unlabeled	--	20	1	0.4/0.5			1	20	#12	Receptacle E114							
63		Existing Load - Unlabeled	--	20	1		0.4/0.9		1	20	#12	Receptacle, Local Speaker System E109							
65		Existing Load - Unlabeled	--	20	1			0.4/0.7	1	20	#12	Receptacle E109							
67		Existing Load - Unlabeled	--	20	1	0.4/0.7			1	20	#12	Receptacle E109							
69		EF-ES E112	#12	20	1		1.2/0.7		1	20	#12	Cord E114							
71		GFCI Receptacle, Receptacle E109	#12	20	1			1.1/0.7	1	20	#12	Cord Reel E114							
73		Receptacle, GFCI Receptacle E114	#12	20	1	1.1/1.3			1	20	#12	Receptacle, Local Speaker System E114							
75		Receptacle E109	#12	20	1		0.7/1.1		1	20	#12	Cord E109							
77		Receptacle, GFCI Receptacle, Electronic Trap...	#12	20	1			0.7/1.4	1	20	#12	Leaky Charging Rec. STOR E112							
79		Receptacle E109	#12	20	1	0.7/1.1			1	20	#12	Cord Reel E109							
81		Receptacles CORR. E108	#12	20	1		0.4/0.5		2	30	#10	Copier STOR E112							
83		Copier STOR E112	#12	20	1			1.0/0.5											
Total Load:					25.0 kVA	22.6 kVA		24.5 kVA											
Total Amps:					211 A	188 A		207 A											
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals														
WAC		1.7 kVA	100.00%	1.7 kVA															
Lighting		0.0 kVA	0.00%	0.0 kVA	Total Conn. Load: 72.1 kVA														
Power		0.0 kVA	0.00%	0.0 kVA	Total Est. Demand: 68.5 kVA														
Receptacles		17.2 kVA	79.04%	13.6 kVA	Total Conn. Current: 200 A														
					Total Est. Demand Current: 190 A														

Branch Panel: E4LC

Location: ELEC. B413
Supply From: TE4LC
Mounting: Surface

Volts: 120/208 Vye
Phases: 3
Wires: 4

EXISTING PANEL














































A.I.C. Rating: 10,000
Enclosure: Type 1
Mains: 100A MCB


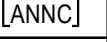
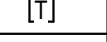
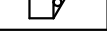
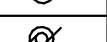
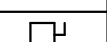


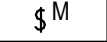






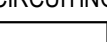
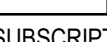
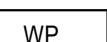
Phase in KVA												
Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	ACCU-B2	--	20	2	1.2 / 0.4		1	20	--	IDF 4212	2
	3					1.2 / 0.0		1	20	--	SPARE	4
	5	DMSCU-D2	#6	30	2	2.3 / 0.5		2	30	#10	IDF Rack IDF D442	6
	9					0.5 / 2.3		2	30	#10	DMSCU-B1	8
1	11	IDF Rack IDF D442	#10	30	2		0.5 / 2.3	2	30	#10	DMSCU-B1	10
	13	SPACE	--	--	1	0.0 / 2.3		2	30	#10	DMSCU-B4	14
	15	SPACE	--	--	1		0.0 / 2.3		1	--	SPACE	16
	17	SPACE	--	--	1			0.0 / 0.0	1	--	SPACE	18
	19	SPACE	--	--	1	0.0 / 0.0		1	--	SPACE	20	
2	21	SPARE	--	30	2		0.0 / 0.0		1	--	SPACE	22
	23							0.0 / 0.0	1	--	SPACE	24
	25	SPARE	--	20	1	0.0 / 0.0						26
2	27	SPARE	--	20	1		0.0 / 0.0		3	30	--	SPD
2	29	SPARE	--	20	1			0.0 / 0.0				28
												30
Total Load:					6.5 kVA	6.2 kVA	5.5 kVA					
Total Amps:					55 A	52 A	46 A					
Load Classification		Connected Load	Demand Factor		Estimated Demand		Panel Totals					
HVAC		13.5 kVA	100.00%		13.5 kVA							
Lighting		0.0 kVA	0.00%		0.0 kVA		Total Conn. Load: 18.2 kVA					
Power		0.0 kVA	0.00%		0.0 kVA		Total Est. Demand: 18.2 kVA					
Receptacles		1.9 kVA	100.00%		1.9 kVA		Total Conn. Current: 50 A					
							Total Est. Demand Current: 50 A					

<u>LIGHTING CONTROLS SCHEDULE</u>			
Type	Sensor Operation	# of Lighting Zones	Description
RA	VACANCY - MANUAL ON / AUTO OFF - 20 MINUTES TIMEOUT	1	ROOM CONTROLLER, 0-10V DIMMING.
RB	VACANCY - MANUAL ON / AUTO OFF - 20 MINUTES TIMEOUT	1	ROOM CONTROLLER, NO DIMMING.
RC	OCCUPANCY - AUTO ON 100% / AUTO OFF - 20 MINUTES TIMEOUT	1	ROOM CONTROLLER, 0-10V DIMMING.
RT	SENSOR - N/A	1	ON/OFF SPRING WOUND MECHANICAL TIME SWITCH, 20 AMP, 12-HOUR WITH HOLD, WHERE MULTIPLE SWITCHES ARE USED, THESE SHALL BE LINKED TOGETHER FOR SIMULTANEOUS OPERATION WITHIN THE SPACE.
ES	-	-	UL924 LOAD CONTROL RELAY, PLENUM RATED, 0-10V COMPATIBLE, 16A MINIMUM
ER	-	-	UL1008 GENERATOR TRANSFER DEVICE, PLENUM RATED, 0-10V COMPATIBLE, 16A MINIMUM



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
	LINE VOLTAGE 2-POLE SWITCH
	LINE VOLTAGE 3-WAY SWITCH
	LINE VOLTAGE 4-WAY SWITCH
	LINE VOLTAGE KEYED SWITCH
	LINE VOLTAGE KEYED 3-WAY SWITCH
	LINE VOLTAGE WALL DIMMER SWITCH, SIZE AND TYPE AS REQUIRED
	LINE VOLTAGE WALL MOUNTED DIMMER SWITCH WITH VACANCY SENSOR, MANUAL ON / AUTO OFF.
	LINE VOLTAGE WALL MOUNTED SWITCH WITH VACANCY SENSOR, MANUAL ON / AUTO OFF.
	LINE VOLTAGE WALL MOUNTED SWITCH WITH VACANCY SENSOR, AUTO ON / AUTO OFF.
	LINE VOLTAGE SWITCH WITH PILOT LIGHT
	MOMENTARY CONTACT SWITCH
	PUSH BUTTON
	6-HOUR TIMER SWITCH WITH HOLD
	6-HOUR TIMER SWITCH WITH NO HOLD
	20 AMP GENERATOR TRANSFER DEVICE
LOW VOLTAGE LIGHTING CONTROLS	
	LOW VOLTAGE LIGHTING CONTROLLER WALL SWITCH
	BACS 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
	ISOLATED GROUND 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 DUPLEX RECEPTACLE OUTLET
	FLUSH FLOOR DOUBLE DUPLEX RECEPTACLE OUTLET
	CONCEALED SERVICE MULTI-ACCESS FLOOR BOX WITH WIRING DEVICES AS INDICATED ON DRAWINGS, SIZE TO MATCH DEVICE QUANTITIES.
	REMOTE BLANK FACE GFCI DEVICE.
	PROVIDE DUPLEX RECEPTACLE WITH (2) USB CHARGING PORTS.
	E.C. TO PROVIDE ROUGH-IN FOR CARD READER JUNCTION BOX, REFER TO TECHNOLOGY SHEETS FOR ADDITIONAL INFORMATION.
	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.

SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
MISCELLANEOUS EQUIPMENT	
 [FACP]	FIRE ALARM CONTROL PANEL.
 [ANNC]	FIRE ALARM REMOTE ANNUNCIATOR
 [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
	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
	IN-GROUND PULL BOX
ELECTRICAL EQUIPMENT	
	ELECTRICAL DISTRIBUTION OR PANELBOARD
	ELECTRICAL EMERGENCY LIFE SAFETY 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
1-W	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.	


LIGHTING CONTROL WIRING IS NOT TO BE
INSTALLED IN THE SAME CONDUIT AS THE LINE
VOLTAGE WIRING.

Revision /

Date

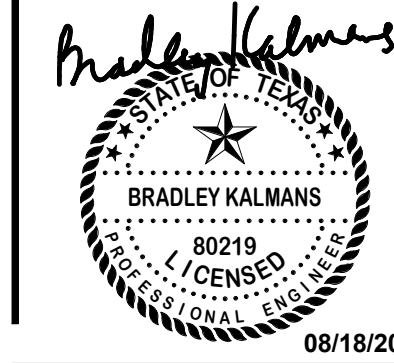
2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Salas O'Brien

Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, Texas 77067
Sales Office Registration: F-4111
Sales Office Project Number: 2024-00196-00



BRADLEY KALLMAN
REGISTERED PROFESSIONAL ENGINEER
NO. 88219
EXPIRES 08/18/2025



Huckabee

www.huckabee-inc.com
800.887.1229

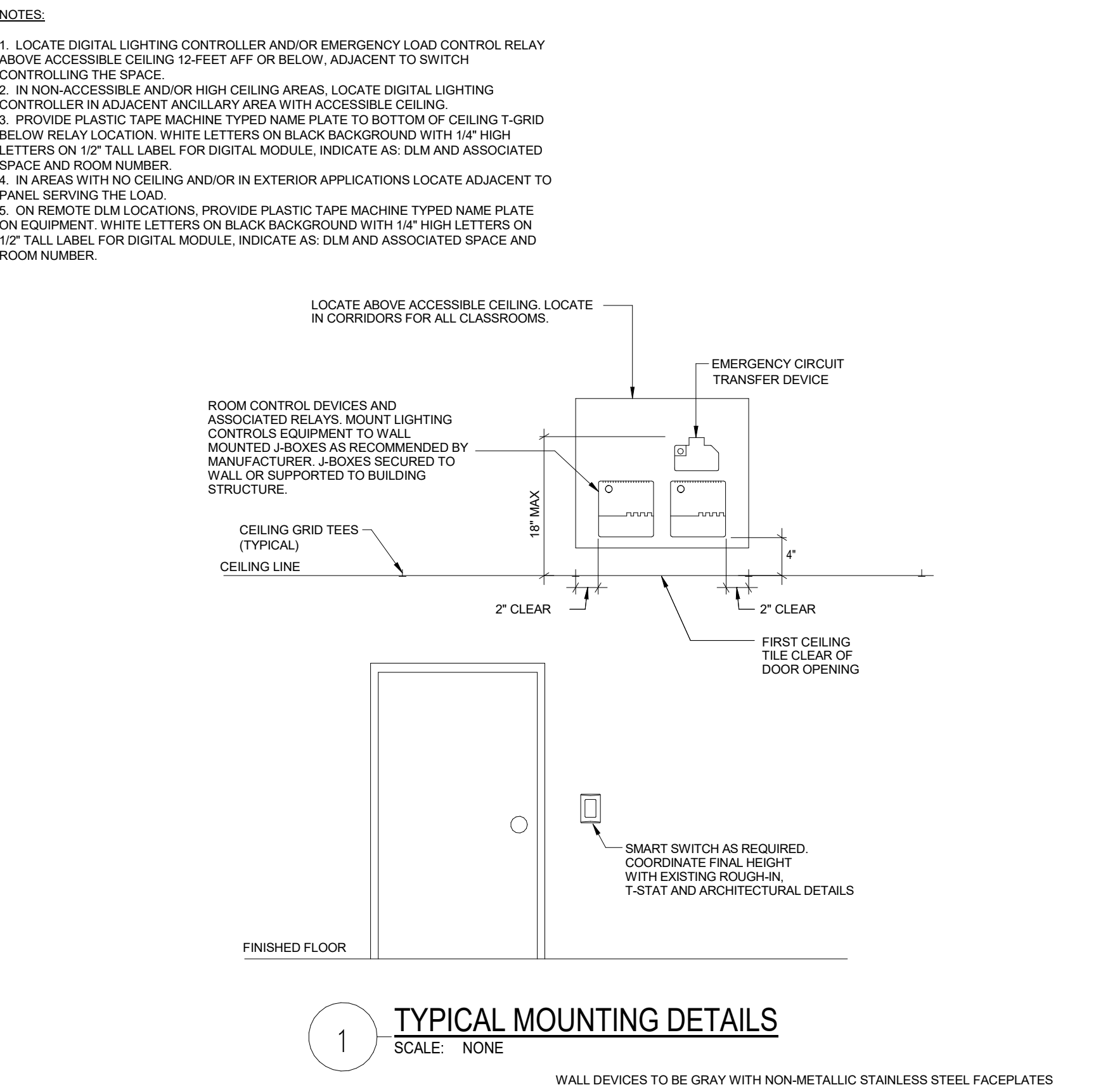
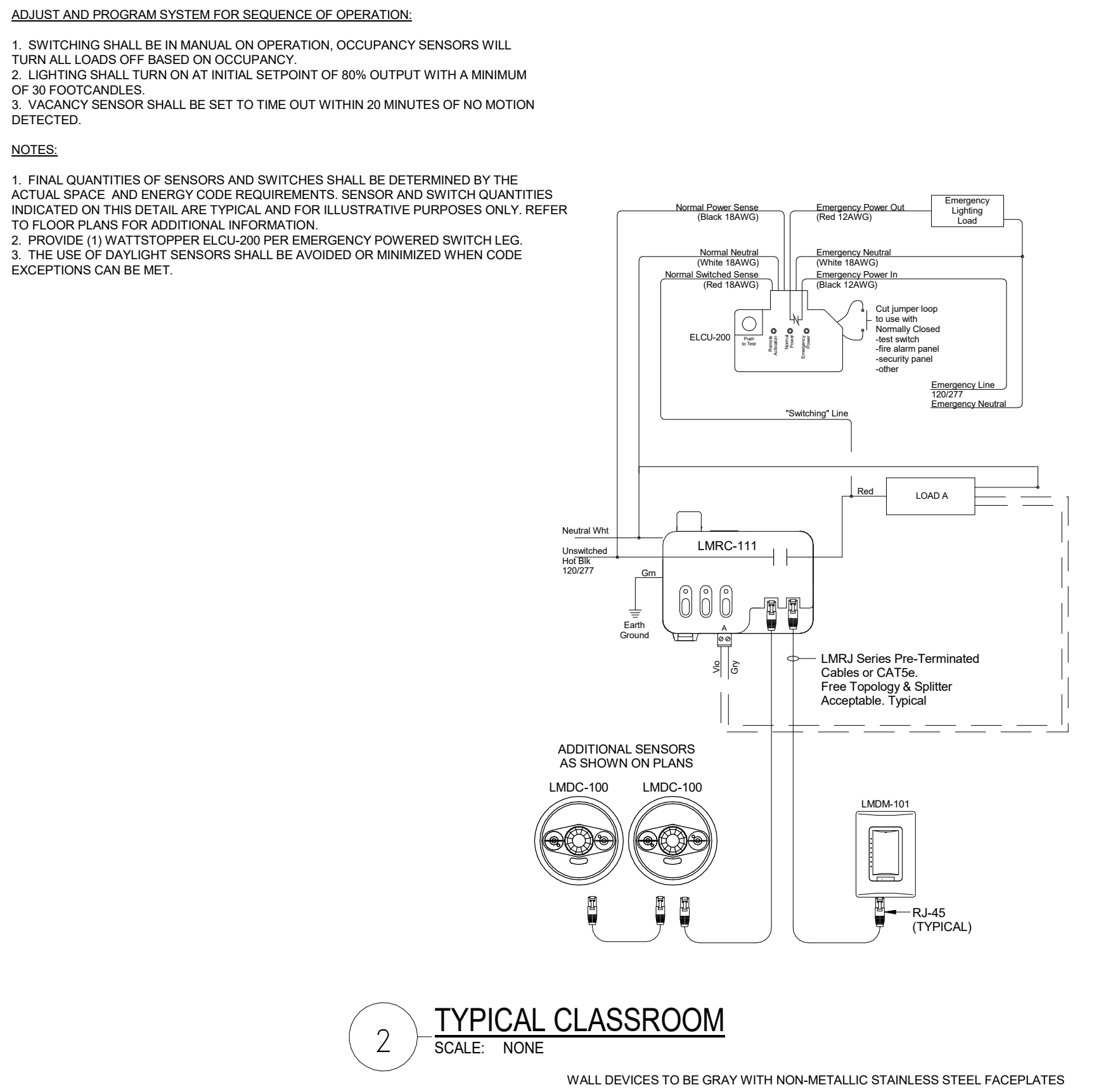
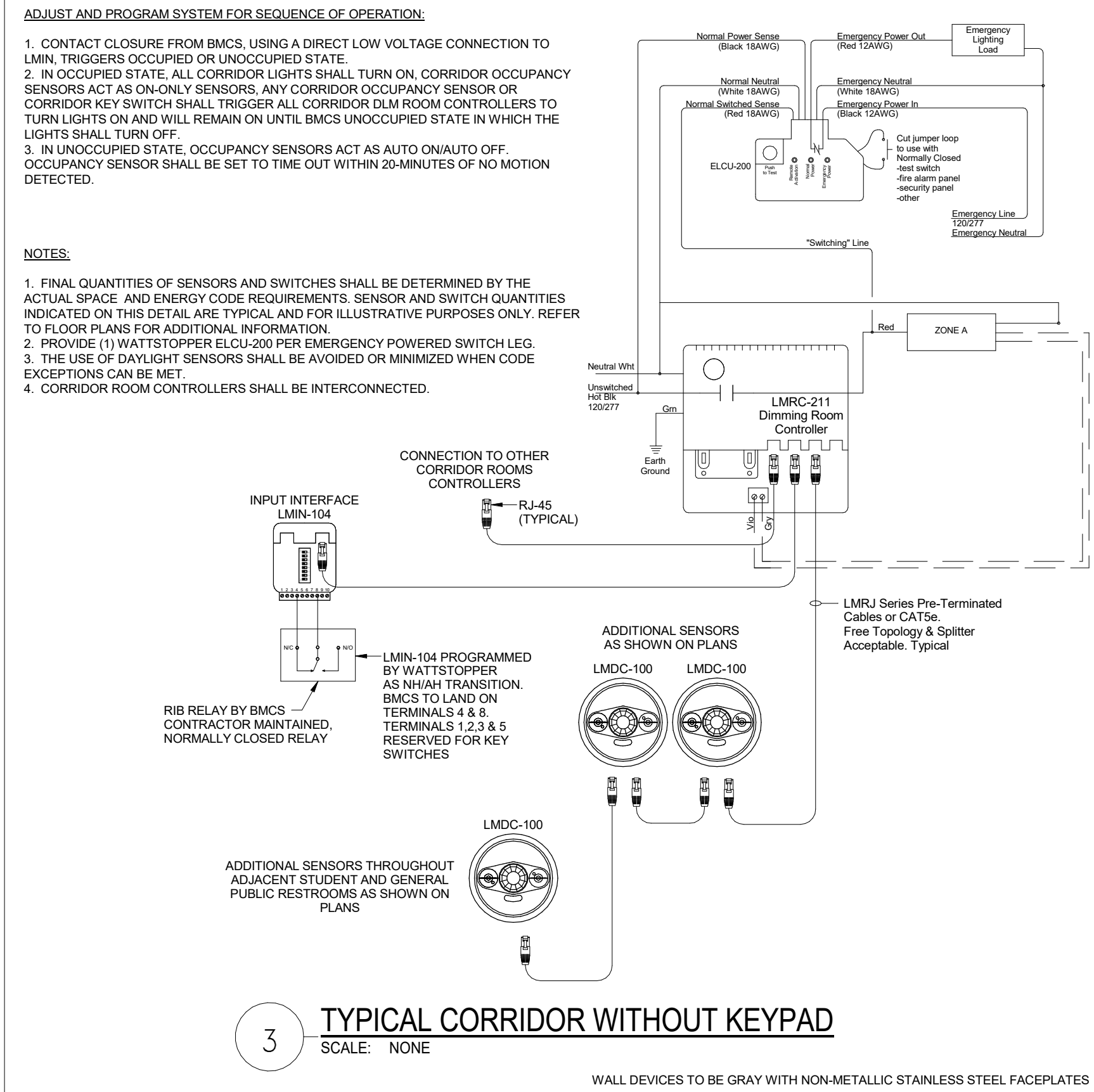
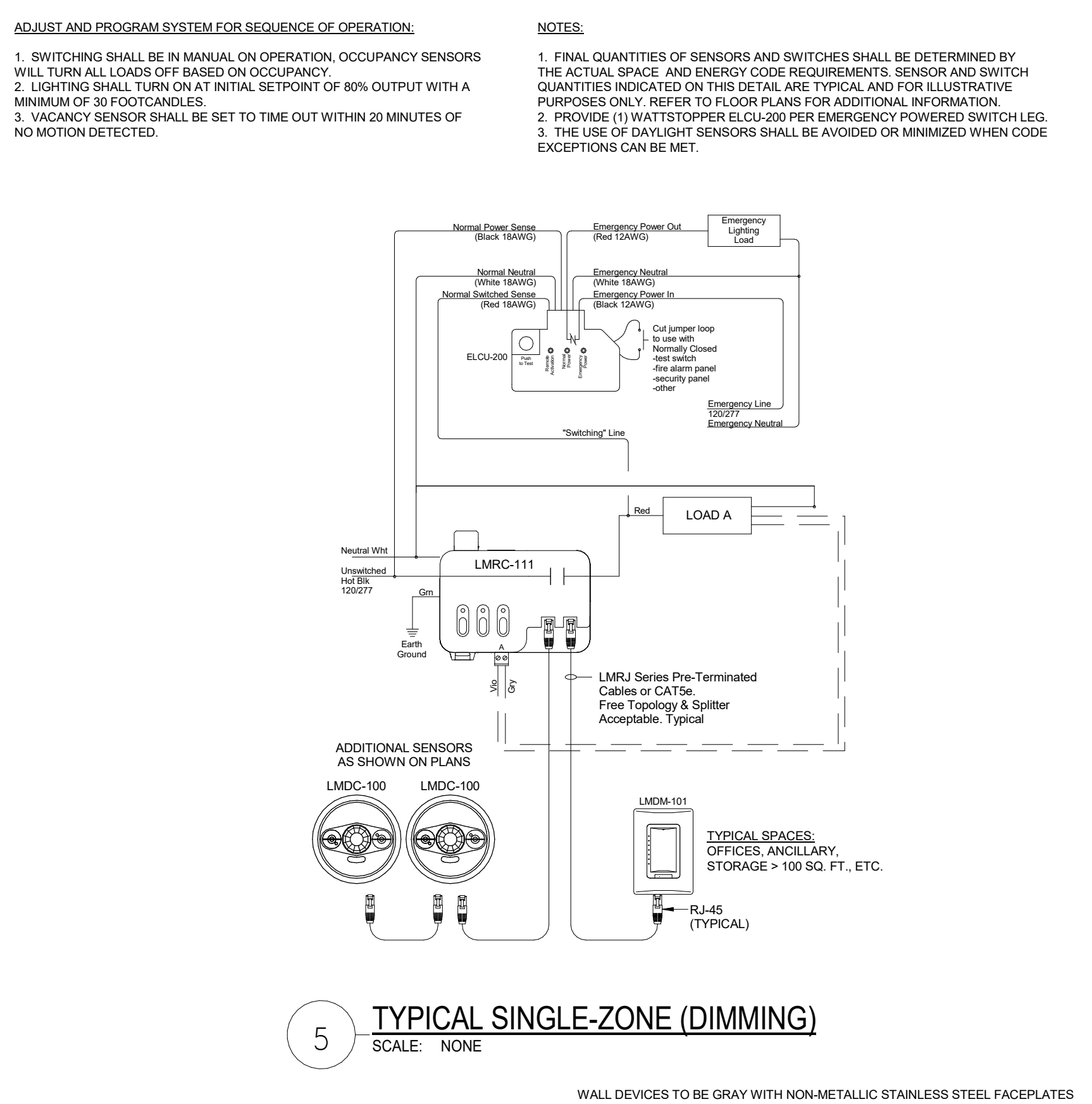
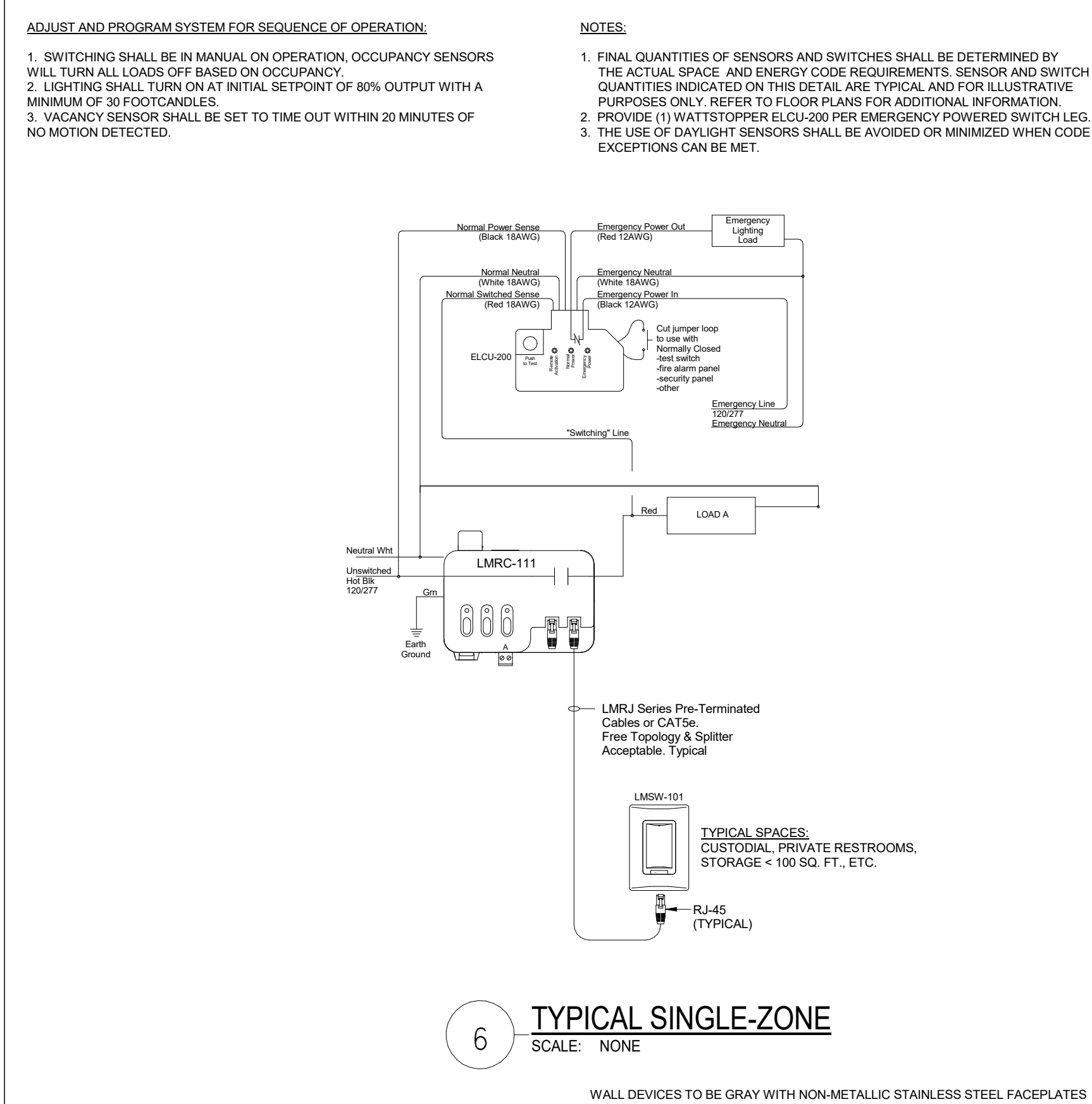
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01818-07-01

Drawn By:
KJ

Date:
06/18/2025

Sheet No.

E8.02



Date

Revision /

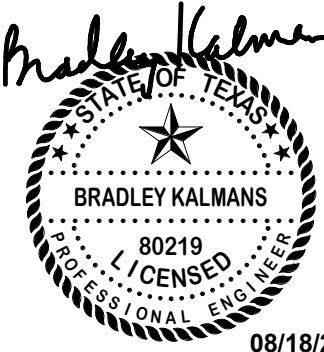
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FOR
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Salas O'Brien Project Number: 2024-00196-00



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TECHNOLOGY NOTES AND LEGENDS

Job No. 01818-07-01	Sheet No.
Drawn By: NY	T0.00
Date: 06/18/2025	

Checked By: AY

TECH DEMO PLAN GENERAL NOTES

A CONTRACTOR SHALL PROVIDE NEW CEILING TILES IN INSTANCES WHERE CEILING DEVICES ARE REMOVED, REPLACED OR ADDED. CONTRACTOR SHALL COORDINATE WITH ARCHITECT ON CORRECT MANUFACTURER AND MODEL PRIOR TO REMOVAL OF EXISTING TILE.

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 CABLEING
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 CABLEING 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 ALL DEMO DEVICES WITH 'D' SUBSCRIPT SHALL DISCONNECT AND REMOVE EXISTING WIRING DEVICE BACK TO SWITCH. PATCH WALL TO MATCH EXISTING.

K 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.

L TOPCAT LIGHTSPEED SPEAKER, BASE STATION AND ANY OTHER SYSTEM COMPONENTS SHALL BE TAGGED BY CONTRACTOR WITH ROOM NAME AND NUMBER AND BE REINSTALLED IN THE SAME ROOM IT WAS REMOVED FROM.

M CONTRACTOR TO COORDINATE WITH CFISSD TECHNOLOGY DEPARTMENT PRIOR TO CONSTRUCTION ON WHICH DEVICES ARE TO BE REMOVED BY THE OWNERS VENDOR IN ORDER TO PREVENT VOID OF WARRANTY.

N CONTRACTOR SHALL FIELD VERIFY ALL SECONDARY CLOCK LOCATIONS. REMOVE ALL SECONDARY CLOCKS. REPLACE SECONDARY CLOCKS WITH NEW IN THE FOLLOWING LOCATIONS: CAFETERIA, LIBRARY, GYM, RECEPTION AND CLINIC. RETURN ALL OTHER SECONDARY CLOCKS TO OWNER. HEAD END MASTER CLOCK IS TO BE REPLACED AND LOCATED IN THE INTERCOM HEAD END. CONTRACTOR TO REFERENCE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PATCH AND PAINT INSTRUCTIONS.

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

- EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS.
- SYSTEM INSTALLERS SHALL COORDINATE LOCATIONS AND CONNECTIONS WITH THE PROJECTS ELECTRICAL CONTRACTOR.
- CONTRACTOR TO PROVIDE PROPERLY GROUNDED LIGHTING PROTECTION ON ALL CABLING ENTERING AND EXITING THE BUILDING.

RESPONSIBILITY MATRIX								
SCOPE ITEM		RESPONSIBILITY			NOTES			
COMMUNICATIONS - DIVISION 27		OFCI	OFCI	OFCI				
CATEGORY 616A STRUCTURED CABLEING SYSTEM (SCS)		✓						
AUDIO DISTRIBUTION SYSTEM - INSTRUCTIONAL SPACE		✓						
FLAT PANEL DISPLAYS		✓						
FLAT PANEL DISPLAY MOUNTS		✓						
INTERACTIVE DISPLAYS		✓						
INTERACTIVE DISPLAY MOUNTS		✓						
BUILDING INTERCOMPA, BELL, AND CLOCK SYSTEM			✓					
---NETWORK SWITCHES		✓	✓					
NETWORK EQUIPMENT								
--- MDF/IDF NETWORK EQUIPMENT		✓						
--- VOIP TELEPHONES		✓						
--- WIRELESS ACCESS POINTS		✓						
--- UNINTERRUPTIBLE POWER SUPPLIES (UPS)		✓						
RACEWAY/ CONDUIT, BACK BOXES, ETC.			✓				SEE NOTE 1	
LOW VOLTAGE; RACEWAY, SLEEVES			✓				SEE NOTE 1.	
STRUCTURED CABLEING; RACEWAY, SLEEVES		✓					SEE NOTE 5.	
ELECTRICAL POWER			✓				SEE NOTE 1.	
LIFE SAFETY AND SECURITY - DIVISION 28		OFCI	OFCI	OFCI				
ACCESS CONTROL SYSTEM(ACS)								
INTRUSION DETECTION SYSTEM			✓					
DOOR ACCESS VIDEO INTERCOM SYSTEM			✓					
VIDEO SURVEILLANCE SYSTEM (VSS)								
---VSS SERVERS				✓				
---VSS CAMERAS				✓				
---VSS PROGRAMMING				✓				
---VSS CABLEING		✓					SEE NOTE 2	
FIRE ALARM SMOKE DETECTION WITH VOICE EVACUATION			✓					
RACEWAY/ CONDUIT, BACK BOXES, SLEEVES, ETC.			✓				SEE NOTE 1.	
ELECTRICAL POWER			✓				SEE NOTE 1.	
OFCI - OWNER FURNISHED AND OWNER INSTALLED OFCI - CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED OFCI - OWNER FURNISHED AND CONTRACTOR INSTALLED								
RESPONSIBILITY MATRIX NOTES: 1. BY DIVISION 26. 2. BY DIVISION 27. 3. BY DIVISION 11. 4. IF SYSTEM REQUIRES NETWORK SWITCH IT SHALL BE OFCI, CONTRACTOR TO COORDINATE WITH OWNER. 5. SLEEVES AND CORES FOR STRUCTURED CABLEING WILL BE OWNER FURNISHED, OWNER INSTALLED, NOT TO BE USED BY ANY OTHER TRADE.								

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		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	N/A	N/A
[DC]	DPDT MAGNETIC DOOR CONTACT/DOOR POSITION SENSOR	FLUSH MOUNTED IN DOOR FRAME	N/A	PROVIDED BY IDS CONTRACTOR.
[SS]	NETWORK STROBE SIREN	CEILING MOUNTED	FIELD COORDINATE RACEWAYS AND BACK BOXES	NOTE #4.

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
[VCS]	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
[VCS]	CEILING MOUNTED 4-SENSOR CAMERA	CEILING		NOTE #5
[VCS]	2-SENSOR CAMERA	REFERENCE FLOOR PLANS	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	NOTE #5
[VCS]	1-SENSOR CAMERA	REFERENCE FLOOR PLANS	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
[VRS]	VIDEO RECORDING SERVER			
[HCU]	VIDEO SURVEILLANCE MAIN UNIT	ABOVE CEILING		NOTE #5
[+]	SYMBOL INDICATED THAT A VIDEO SURVEILLANCE DEVICE IS WALL MOUNTED			

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.

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
[IDP]	INTRUSION DETECTION SYSTEM KEYPAD	+48" AFF TO TOP	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
[MD]	CEILING MOUNTED MOTION DETECTOR	CEILING		
[MD]	WALL MOUNTED MOTION DETECTOR LR- LONG RANGE	REFERENCE FLOOR PLAN	N/A	
[GBD]	CEILING MOUNTED GLASS BREAK DETECTOR	CEILING	N/A	
[DC]	DPDT MAGNETIC DOOR CONTACT/DOOR POSITION SENSOR.	FLUSH MOUNTED IN DOOR FRAME	N/A	
[SDC]	SURFACE MOUNT MAGNETIC DOOR CONTACT.	SURFACE MOUNTED ON DOOR FRAME	N/A	
[DDC]	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
[RPS]	APPROXIMATE LOCATION OF EXISTING SYSTEM REMOTE POWER SUPPLY

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 (NIJET), 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 LEGEND - 27 10 00

SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
[#]	WALL MOUNTED NETWORK OUTLET OR 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	NOTE #6
[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 ON 27
[+]	CEILING MOUNTED NETWORK OUTLET AP- WIRELESS ACCESS POINT DP- 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 UN CUT 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"	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"	
[FSD-1]	WALL MOUNTED FLAT SCREEN DISPLAY AUDIO/VISUAL OUTPUT OUTLET	REFERENCE FLOOR PLAN	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"	NOTE #5
[V]	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"	
[CP]	AV CONTROL PANEL	+48" AFF TO TOP	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
[IS]	LOCAL INSTRUCTIONAL SPACE PRESENTATION SPEAKER	CEILING	CONTRACTOR PROVIDED CEILING BOX	COORDINATE POWER WITH EC
[SC]	STREAMING CAMERA	CEILING UNO	N/A	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.

LOCAL SOUND SYSTEM LEGEND - 27 41 16.20

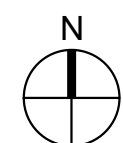
SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
[LS]	LOCAL SOUND SYSTEM SPEAKER P-POLE MOUNTED SPEAKER	CEILING MOUNT UNO	CONTRACTOR PROVIDED BACK BOX OR 4"x4"x2 1/8" J BOX WITH COVER, 1" C	
[LSC]	LOCAL SOUND SYSTEM CONTROL PLATE	+48" AFF TO TOP	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
[MI]	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]	3.9MM 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	
[ABM]	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:
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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

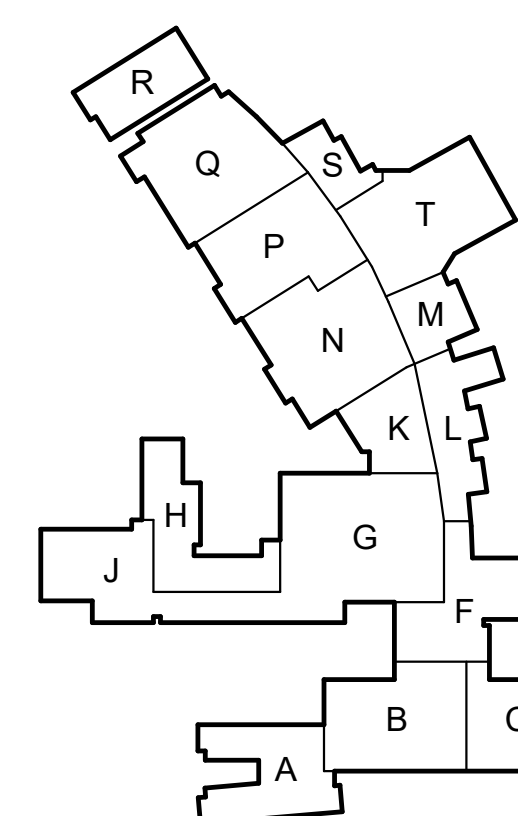
SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
[ICS]	INTERCOM COMMUNICATIONS SYSTEM HEAD END UNIT	FLOOR MOUNTED	COORDINATE WITH EC	COORDINATE POWER WITH EC
[S]	CEILING MOUNT INTERCOM SPEAKER, LAY-IN CEILING.	CEILING	CONTRACTOR PROVIDED	
[S]	CEILING MOUNT INTERCOM SPEAKER, HARD CEILING.	CEILING	CONTRACTOR PROVIDED	
[S]	WALL MOUNT INTERIOR INTERCOM SPEAKER	REFERENCE FLOOR PLANS	CONTRACTOR PROVIDED	
[S]	WALL MOUNT EXTERIOR INTERCOM SPEAKER	+18" AFF UNO	CONTRACTOR PROVIDED	
[S]	PENDANT MOUNT INTERCOM SPEAKER	REFERENCE FLOOR PLANS	CONTRACTOR PROVIDED	
[S]	SURFACE MOUNT INTERCOM SPEAKER, MOUNT TO STRUCTURE	CEILING	CONTRACTOR PROVIDED	
[S]	CEILING MOUNTED EXTERIOR INTERCOM SPEAKER	CEILING	CONTRACTOR PROVIDED	
[P]	P BASED SPEAKER. "P" TO BE REPLACED WITH S, SZ, SX, 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	
[C]	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
[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
[LD]	LOCKDOWN BUTTON	REF. DETAILS	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C, UNO	

NOTES:
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2. #C INDICATES CONDUIT SIZE.
3. UNO, UNLESS NOTED OTHERWISE.
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5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK.



1

TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA D & E
Scale: 1/8" = 1'-0"

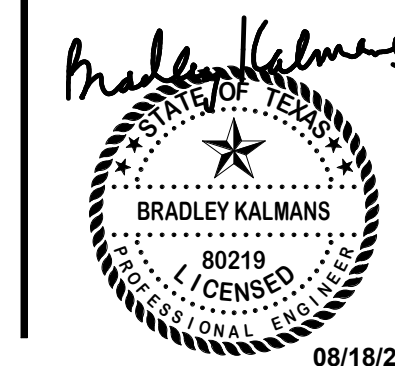
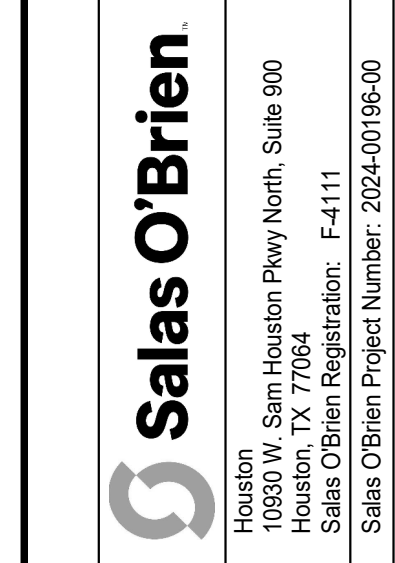


KEY PLAN - 1ST FLOOR
N.T.S.

Checked By: AY

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Huckabee
www.huckabee-inc.com
800.687.1229

TECHNOLOGY DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA D & E

Job No.

01818-07-01

Drawn By:

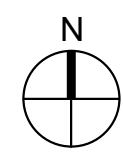
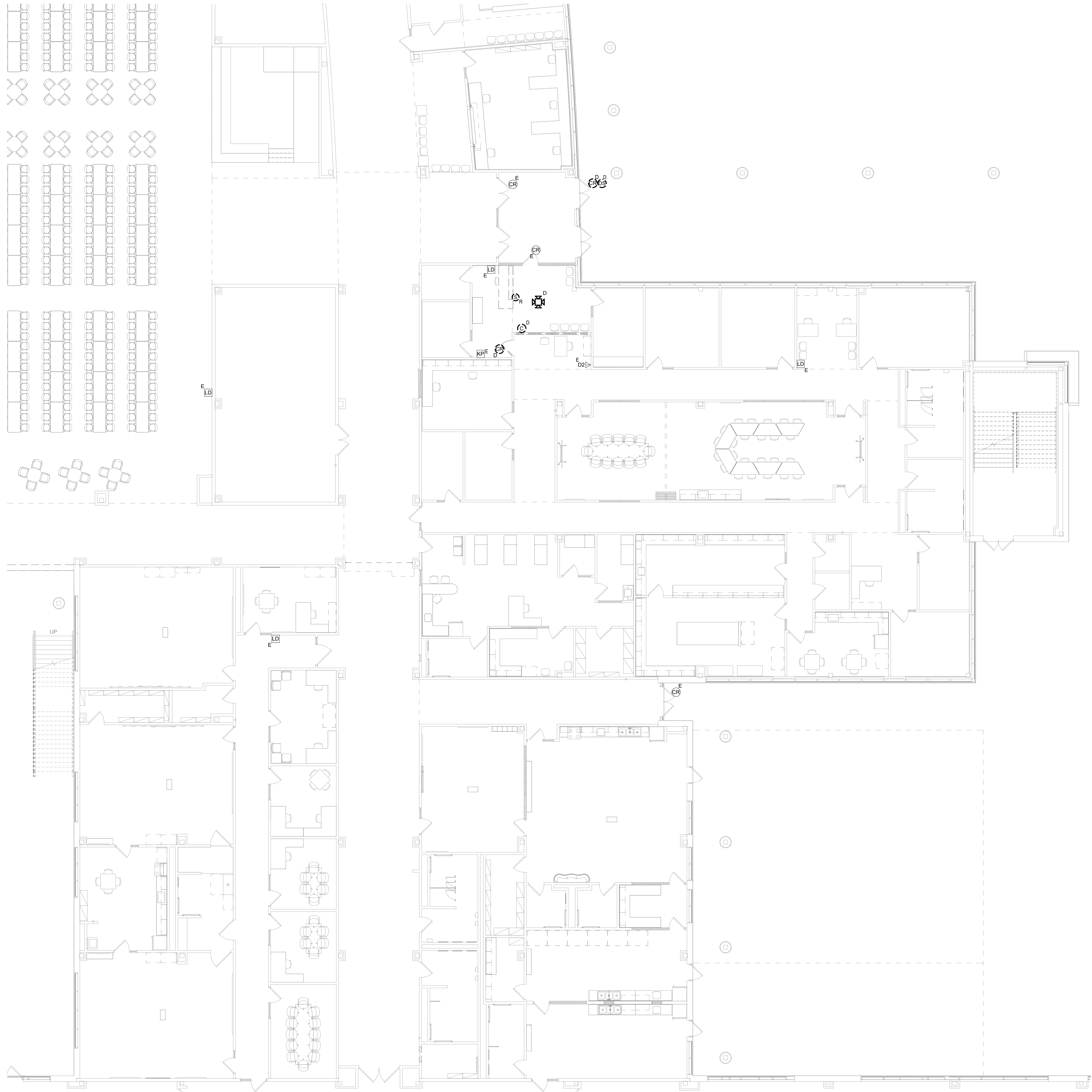
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06/18/2025

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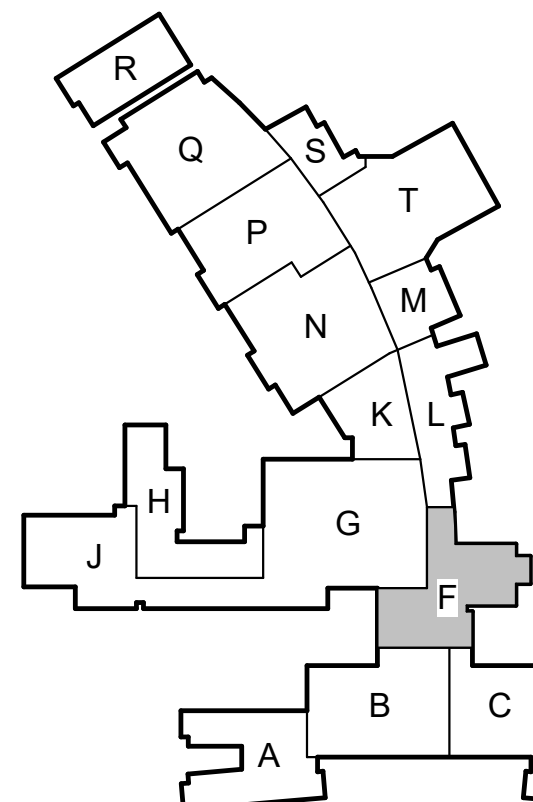
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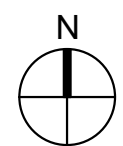
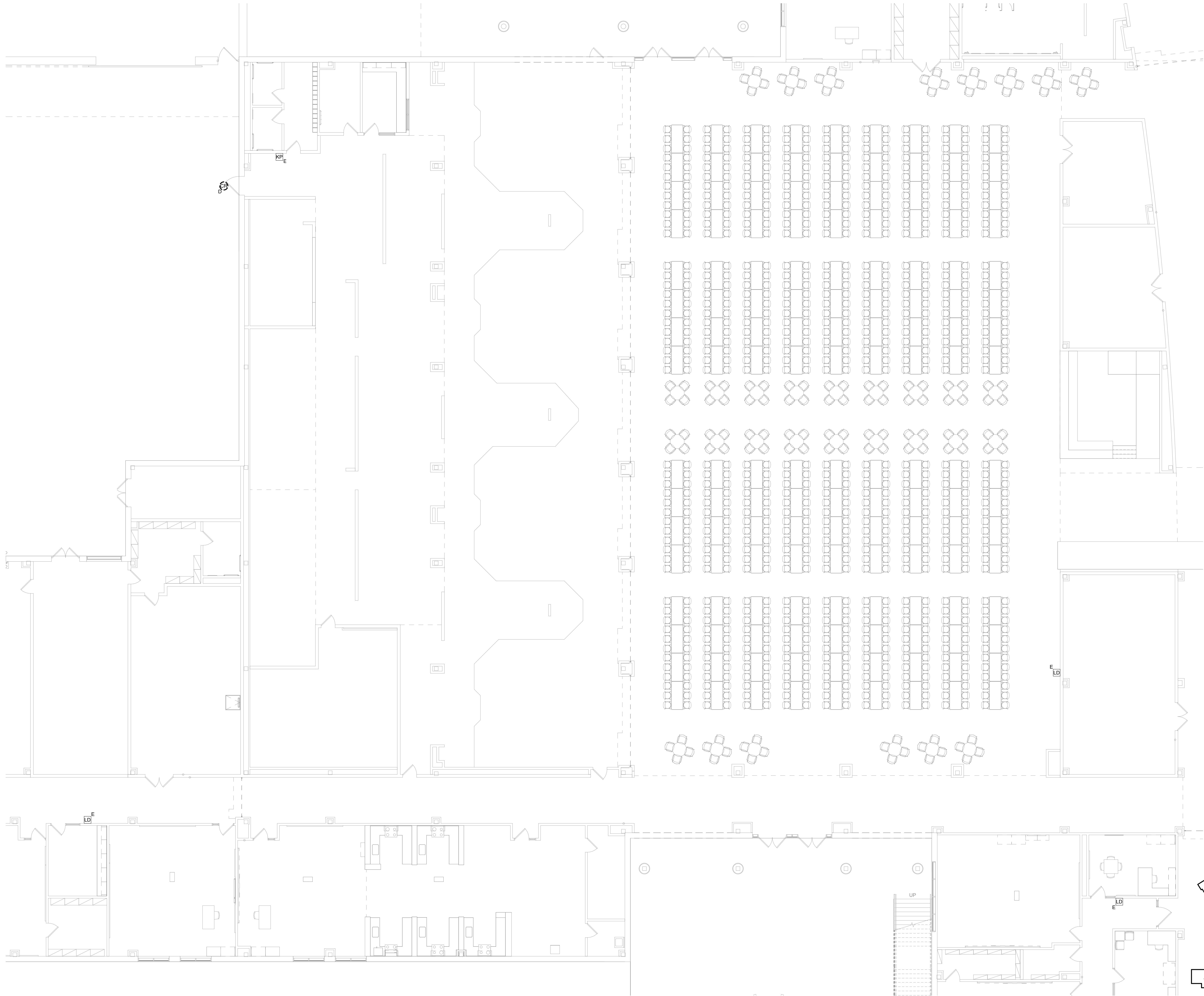
TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA F

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



KEY PLAN - 1ST FLOOR
N.T.S.

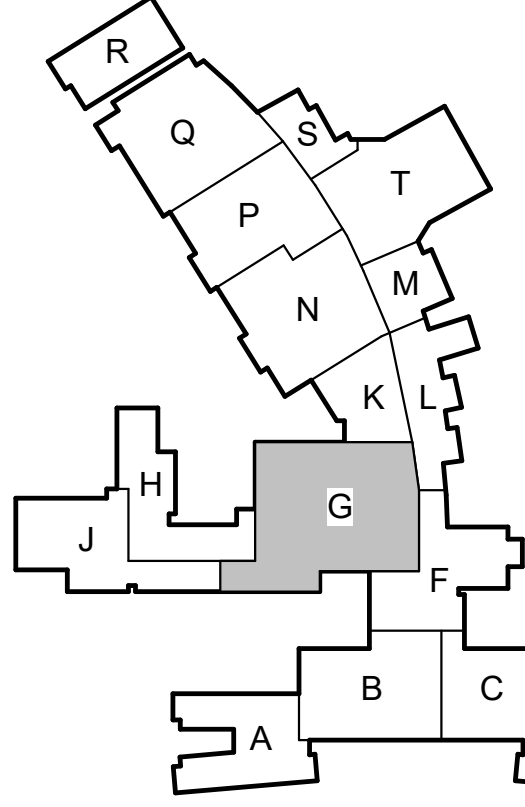
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TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA G

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



KEY PLAN - 1ST FLOOR
N.T.S.

Checked By: AY

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Salas O'Brien
Houston
10933 W. Sam Houston Pkwy North, Suite 900
Houston, Texas 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



Huckabee
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TECHNOLOGY DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA G

Job No.
01818-07-01
Drawn By:
NY
Date:
08/18/2025

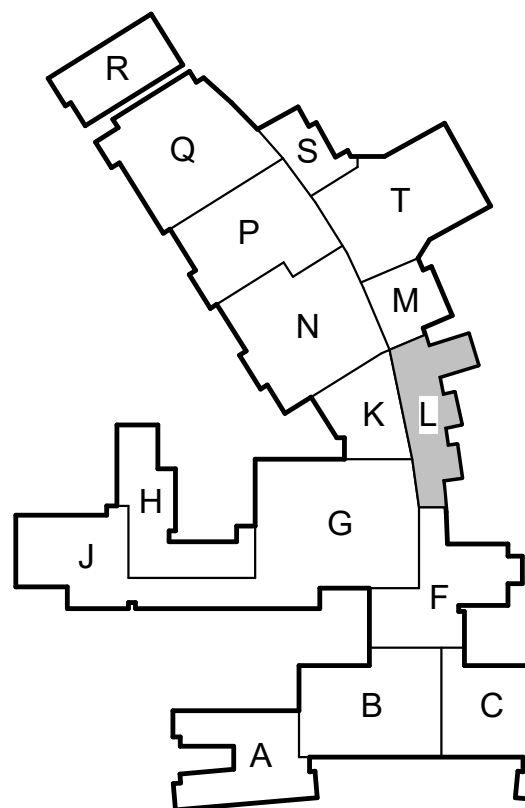
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T0.03



1

TECHNOLOGY DEMOLITION FLOOR PLAN - LEVEL 1 - AREA L
Scale: 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S. Checked By: AY

Revision /

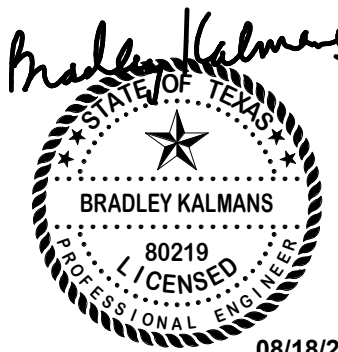
Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



TECHNOLOGY DEMOLITION
FLOOR PLAN - LEVEL 1 -
AREA L

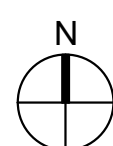
Job No.
01818-07-01
Drawn By:
NY
Date:
06/18/2025

Sheet No.

T0.04

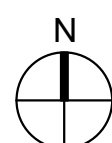
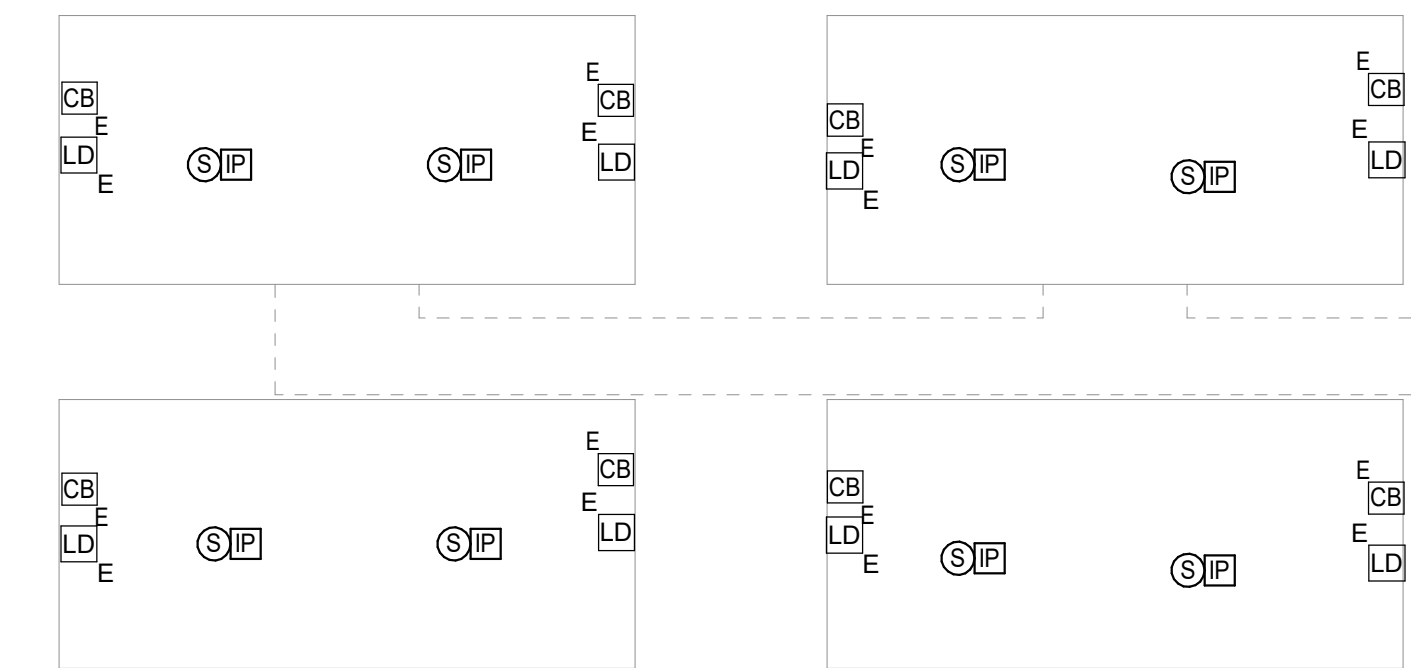
NOTES TO GENERAL CONTRACTOR

GENERAL CONTRACTOR SHALL CONTACT PSLIGHTWAVE 90 DAYS PRIOR TO THE DISTURBANCE OF EXISTING UNDERGROUND FIBER OPTIC PATHWAY. OWNER PS LIGHTWAVE CONTACT IS EMMANUAL MALDONADO, MOBILE: 832-815-8000, EMAIL: EMALDONADO@PSLIGHTWAVE.COM. PLEASE INCLUDE ORION KESTER, ALIA ALANI, AND ERVIN WILLIAMS ON ANY COMMUNICATIONS.
OKESTER@PSLIGHTWAVE.COM
ALIANI@PSLIGHTWAVE.COM
EWILLIAMS@PSLIGHTWAVE.COM



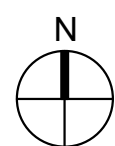
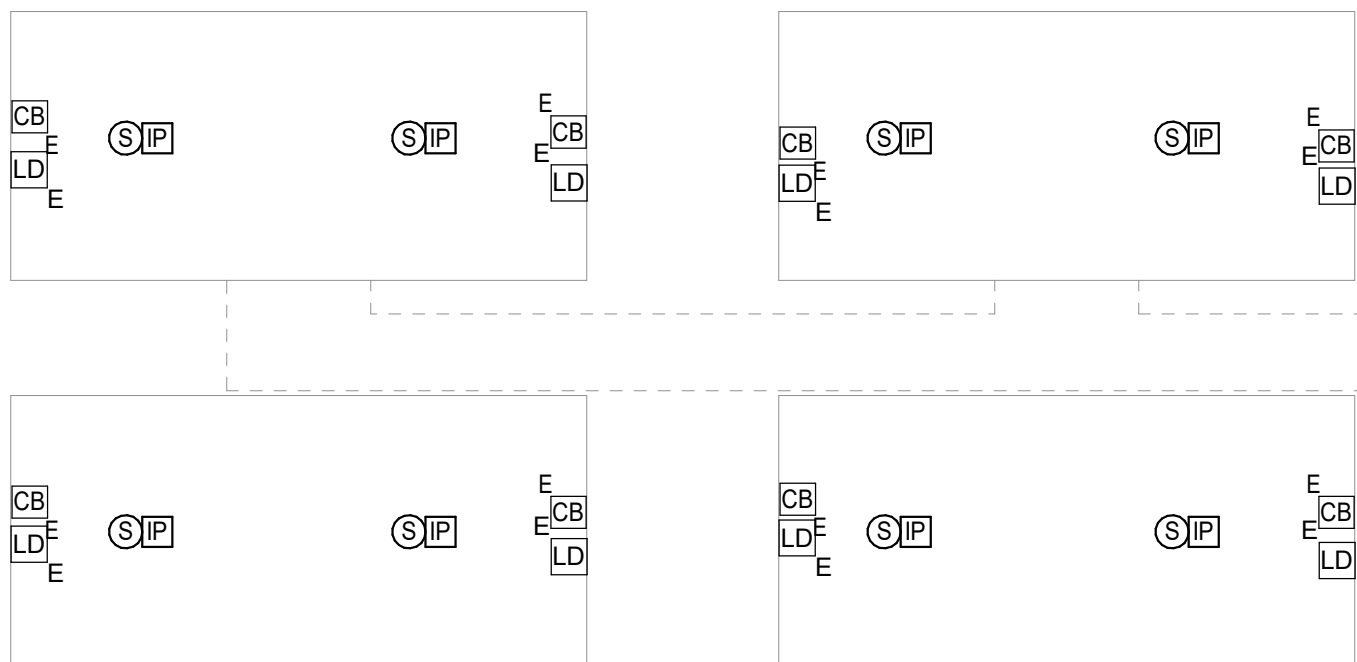
2 TECHNOLOGY SITE PLAN - PORTABLE BUILDINGS 1-4

Scale: 1" = 20'-0"



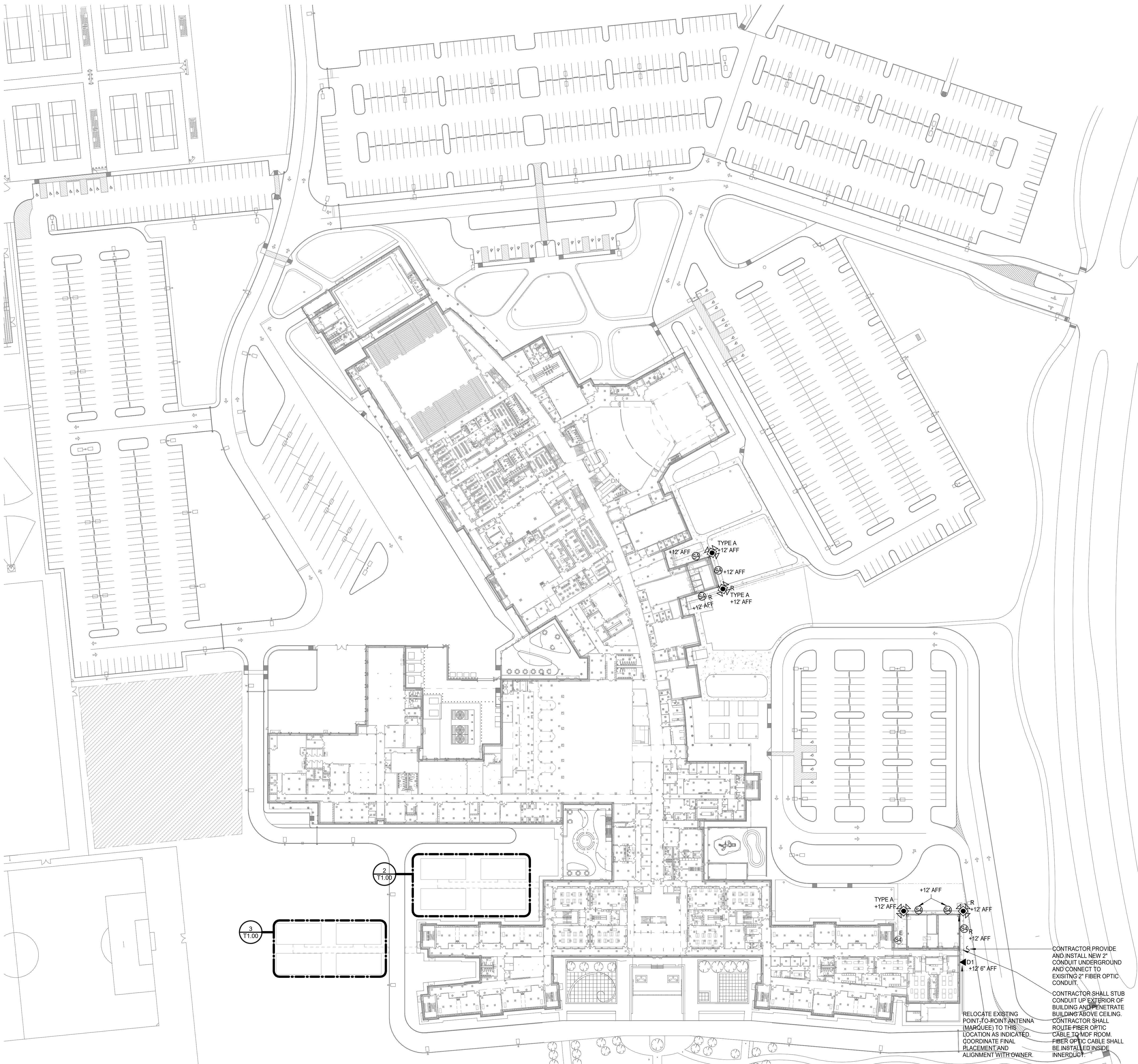
3 TECHNOLOGY SITE PLAN - PORTABLE BUILDINGS 5-8

Scale: 1" = 20'-0"



1 TECHNOLOGY SITE PLAN

Scale: 1" = 60'-0"

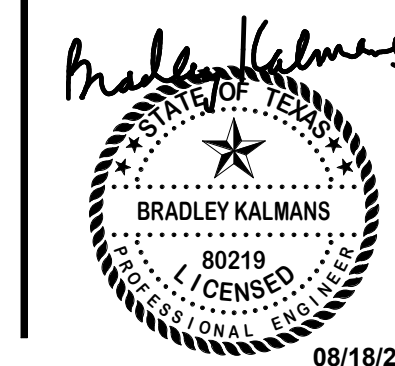
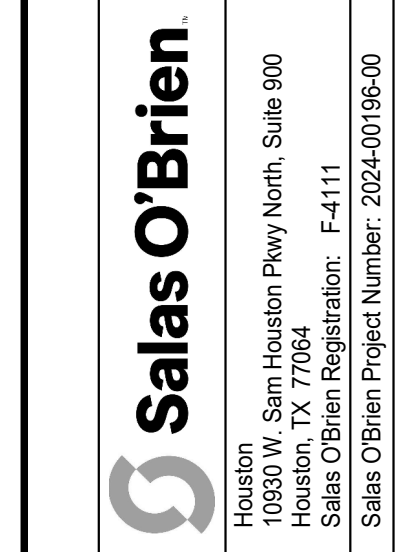


Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

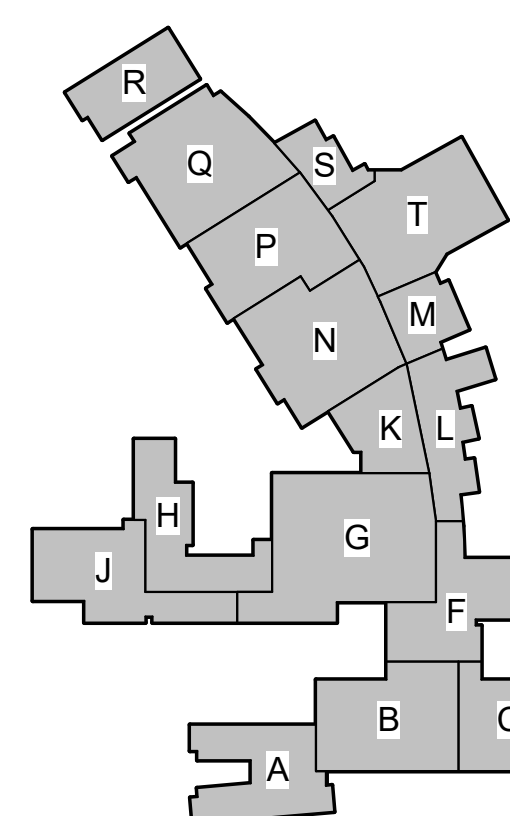


TECHNOLOGY SITE PLAN

Job No. 01818-07-01	Sheet No. T1.00
Drawn By: NY	
Date: 06/19/2025	

Checked By: AY

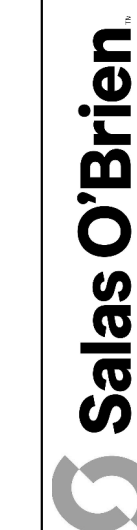
1	THREE (3) EXISTING FAAST SYSTEMS IN THIS AREA. REFERENCE SPECIFICATIONS FOR SCOPE.
2	EXISTING FAAST SYSTEM. REFERENCE SPECIFICATION FOR SCOPE.



Checked By: AY

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



08/18/202

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TECHNOLOGY COMPOSITE
FLOOR PLAN - LEVEL 1

Job No.

01818-07-01

Drawn By:

NY

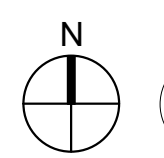
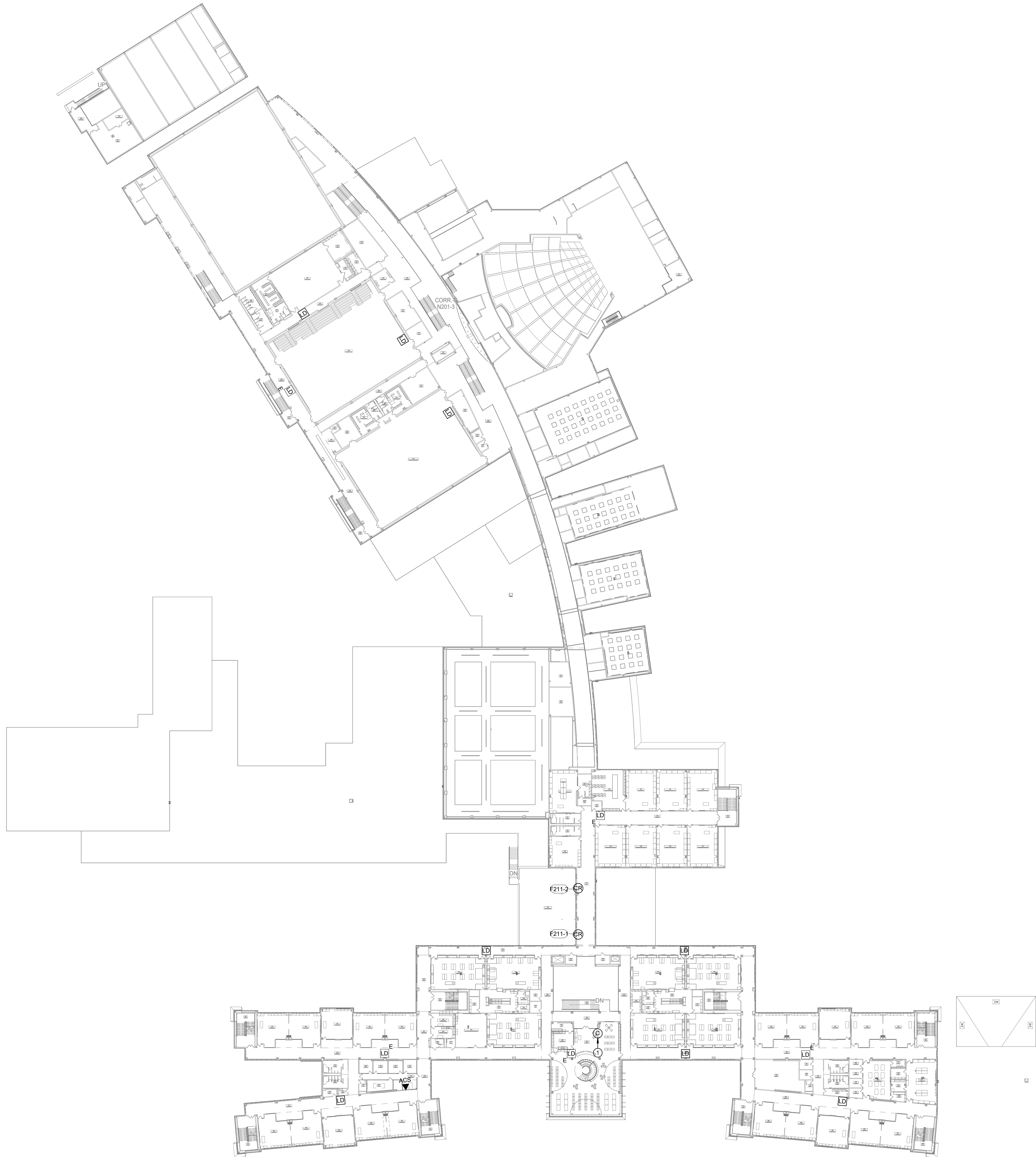
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01818-07-01

Drawn By:

NY

T1.01

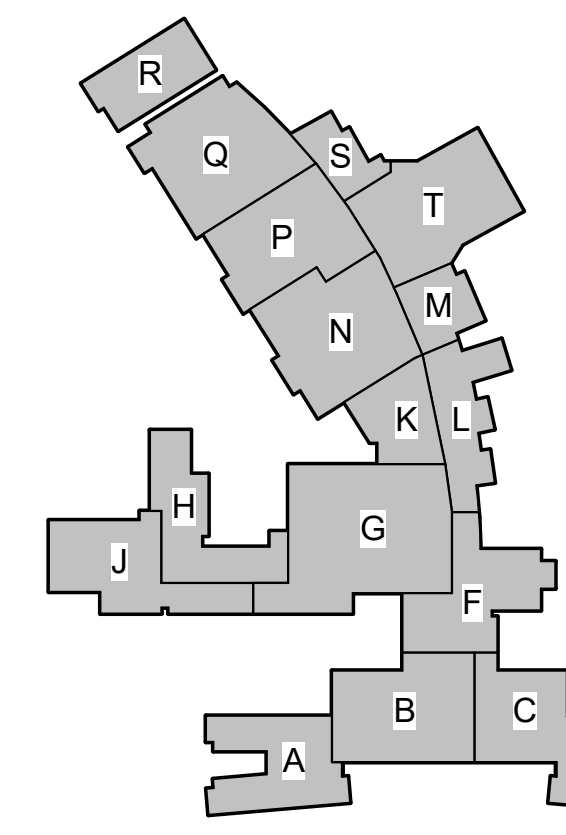


1

TECHNOLOGY COMPOSITE FLOOR PLAN - LEVEL 2

Scale: 1" = 40'-0"

TECHNOLOGY PLAN KEYED NOTES	
1	EXISTING SECONDARY CLOCK IN THIS SPACE IS TO BE DEMOLISHED AND RETURNED TO OWNER. NEW SECONDARY CLOCK IS TO BE LOCATED IN THE SAME LOCATION AS DEMOLISHED. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.



KEY PLAN - 1ST FLOOR
N.T.S.

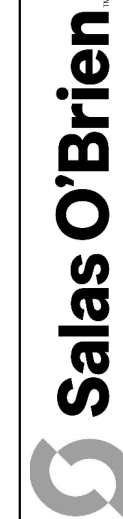
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Date

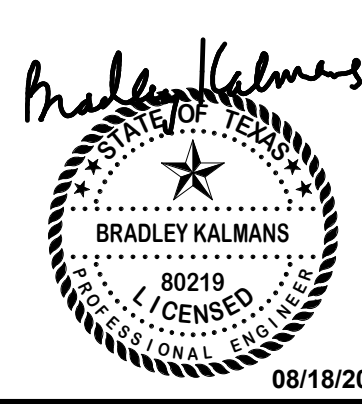
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRSS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00

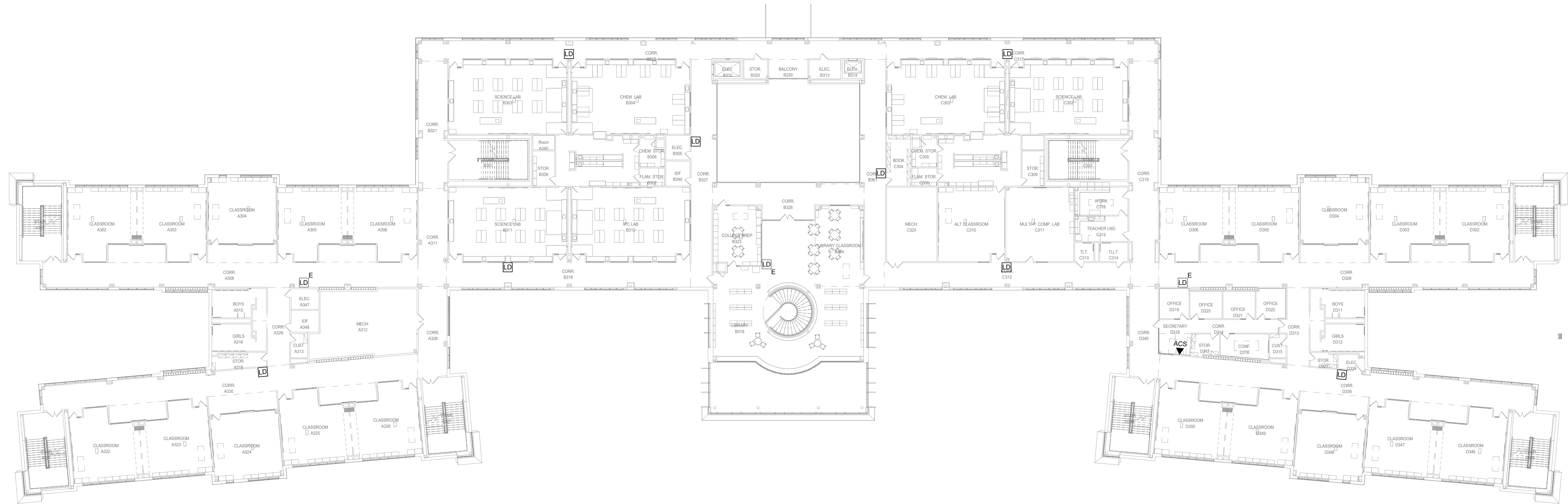


Bradley Williams
BRADLEY K. WILLIAMS
88215
EXPIRES 08/18/2025

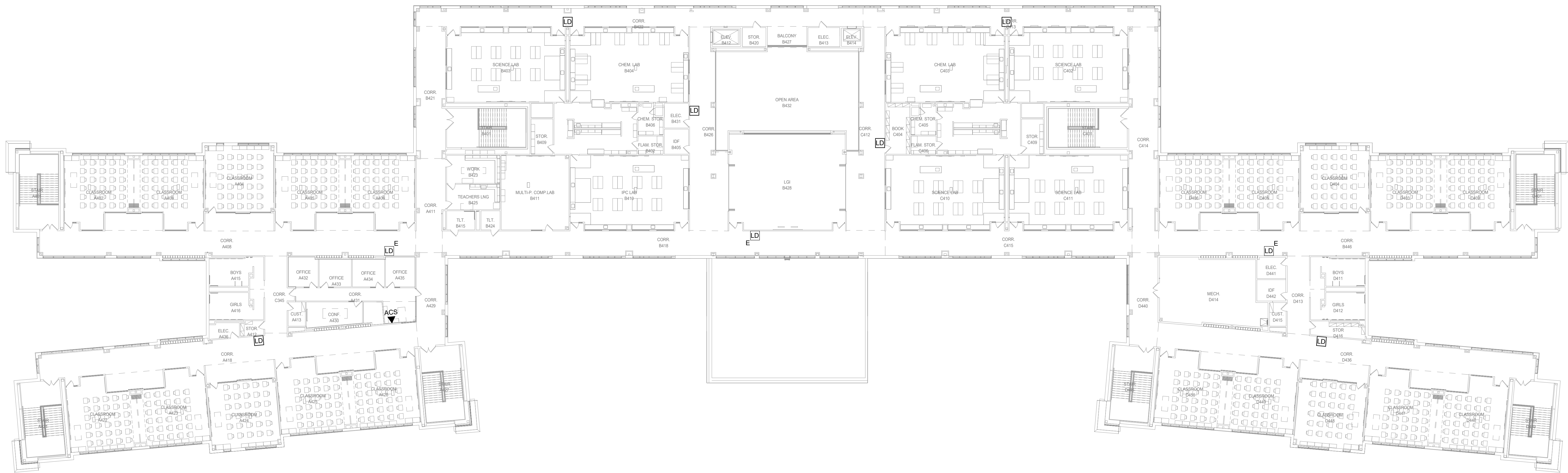


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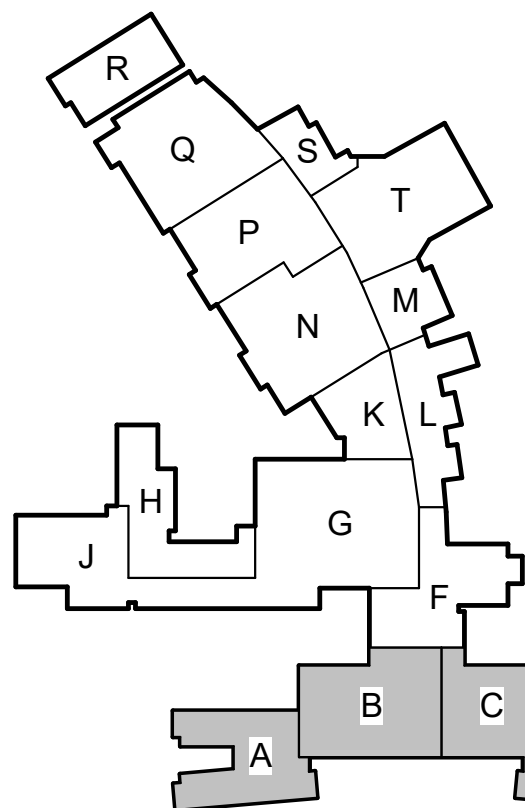
TECHNOLOGY COMPOSITE FLOOR PLAN - LEVEL 2	
Job No. 01818-07-01	Sheet No.
Drawn By: NY	T1.02
Date: 06/18/2025	



1 TECHNOLOGY COMPOSITE FLOOR PLAN - LEVEL 3
Scale: 1" = 20'-0"



2 TECHNOLOGY COMPOSITE FLOOR PLAN - LEVEL 4
Scale: 1" = 20'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

Date
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00

BRADLEY KALMANS
08/18/2025

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TECHNOLOGY COMPOSITE
FLOOR PLAN - LEVEL 3 & 4

Job No.
01818-07-01
Sheet No.
T1.03
Drawn By:
NY
Date:
08/18/2025

Checked By: AY

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433



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Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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TECHNOLOGY FLOOR PLAN LEVEL 1 - AREA A

b No.
040 07 04

018-07-01

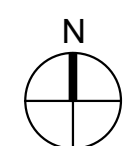
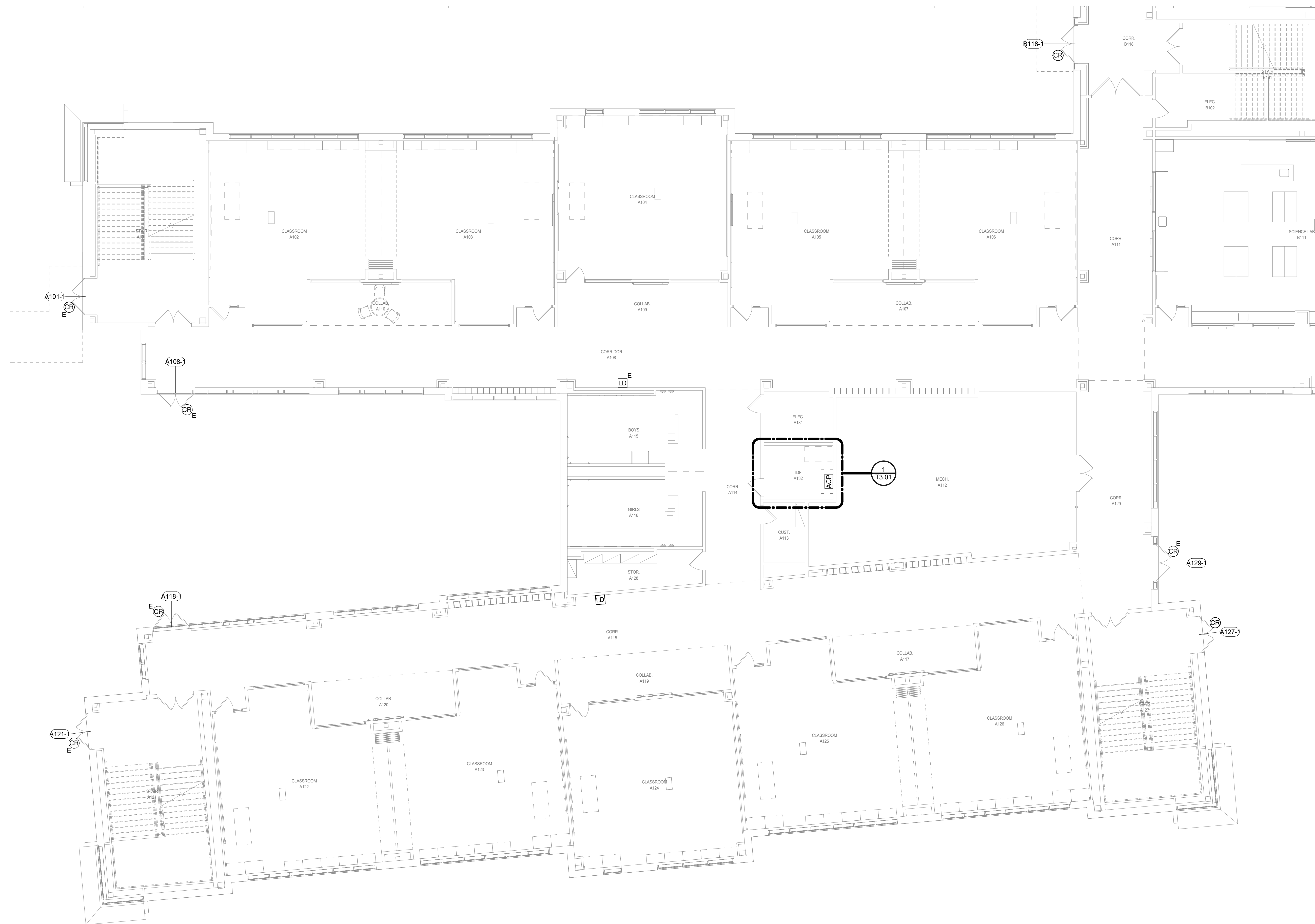
Drawn By:

rate

Sheet No.

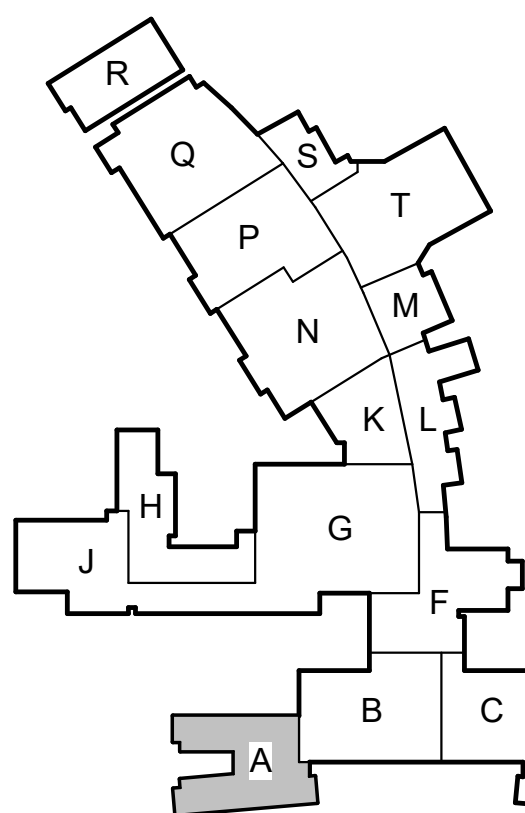
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12



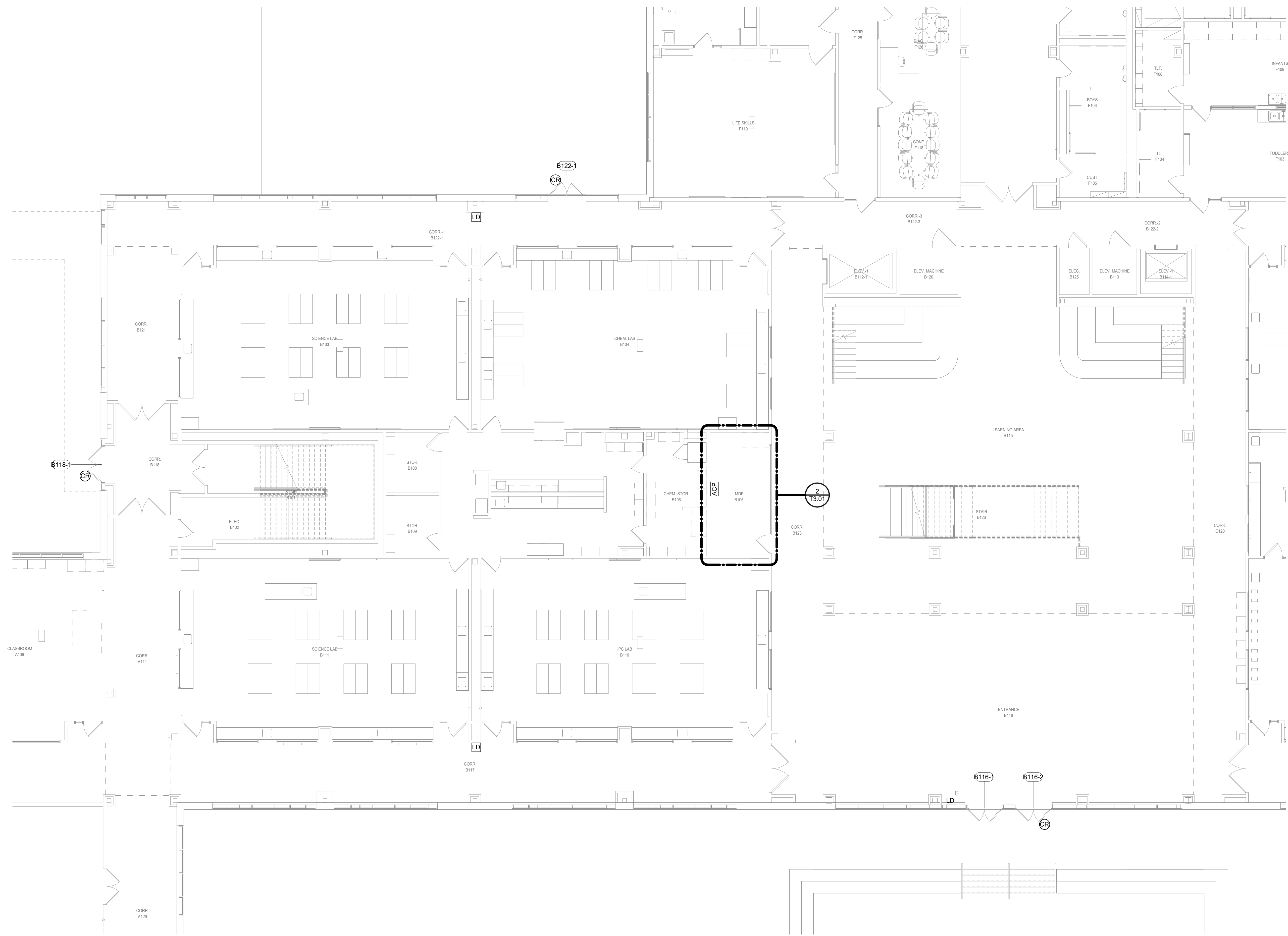
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Scale: 1/8" = 1'-0"

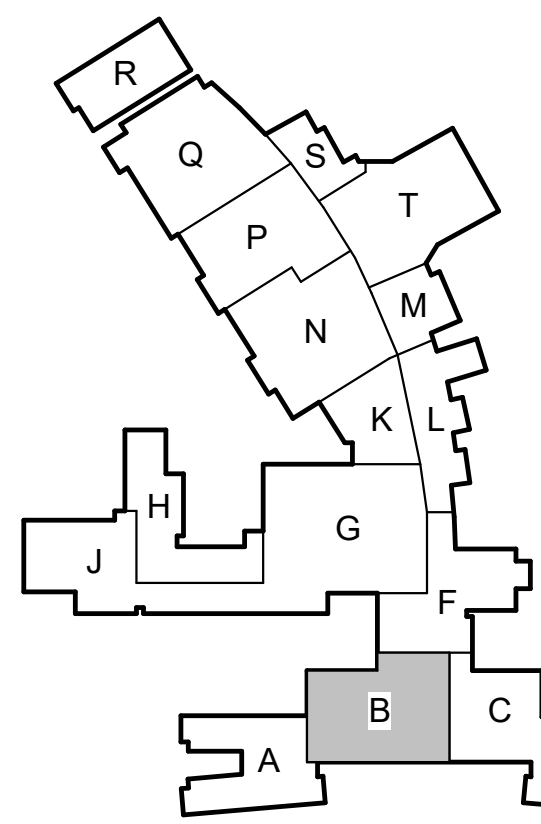


KEY PLAN - 1ST FLOOR
N.T.S.

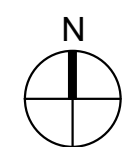
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 **1** **TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA B**
Scale: 1/8" = 1'-0"



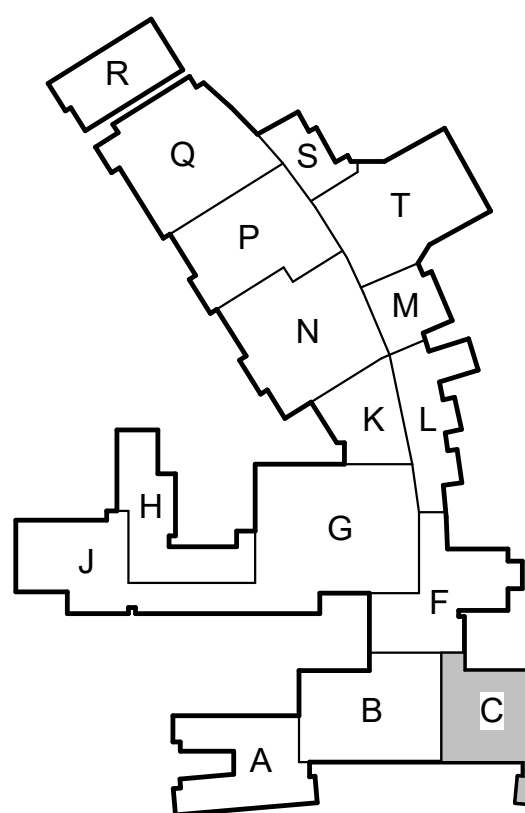
KEY PLAN - 1ST FLOOR
N.T.S. Checked By: AY



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TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA C

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



KEY PLAN - 1ST FLOOR
N.T.S.

Checked By: AY

Date

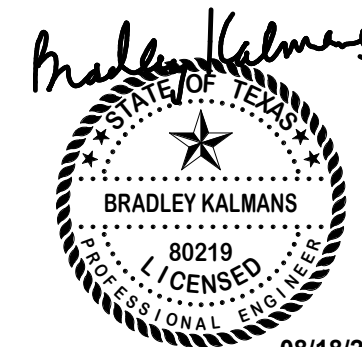
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Salas O'Brien
Houston
10933 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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TECHNOLOGY FLOOR PLAN
- LEVEL 1 - AREA C

Job No.

01818-07-01

Drawn By:

NY

Date:

08/18/2025

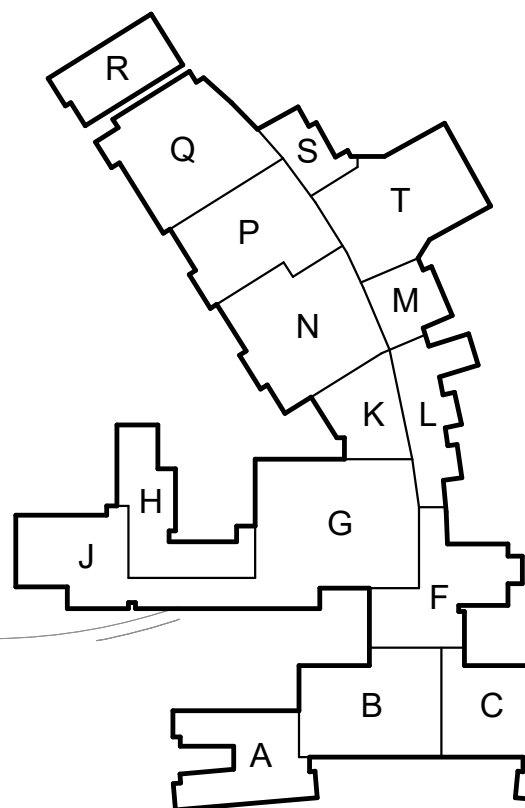
Sheet No.

T2.03

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 (NCFET), 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.



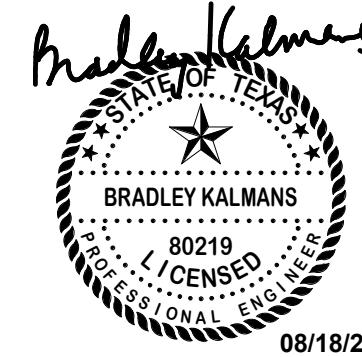
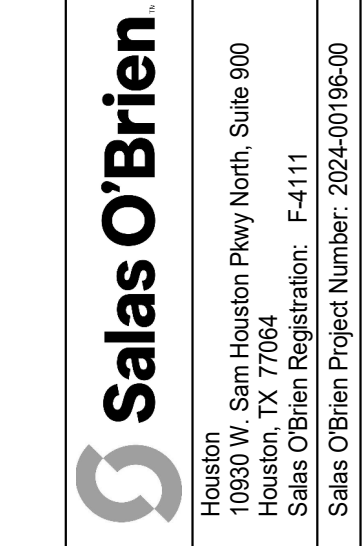
1 TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA D & E
Scale: 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

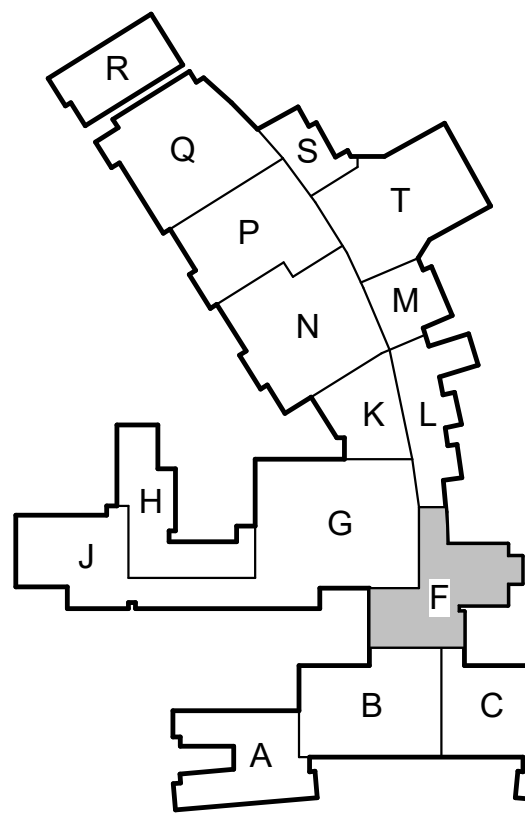
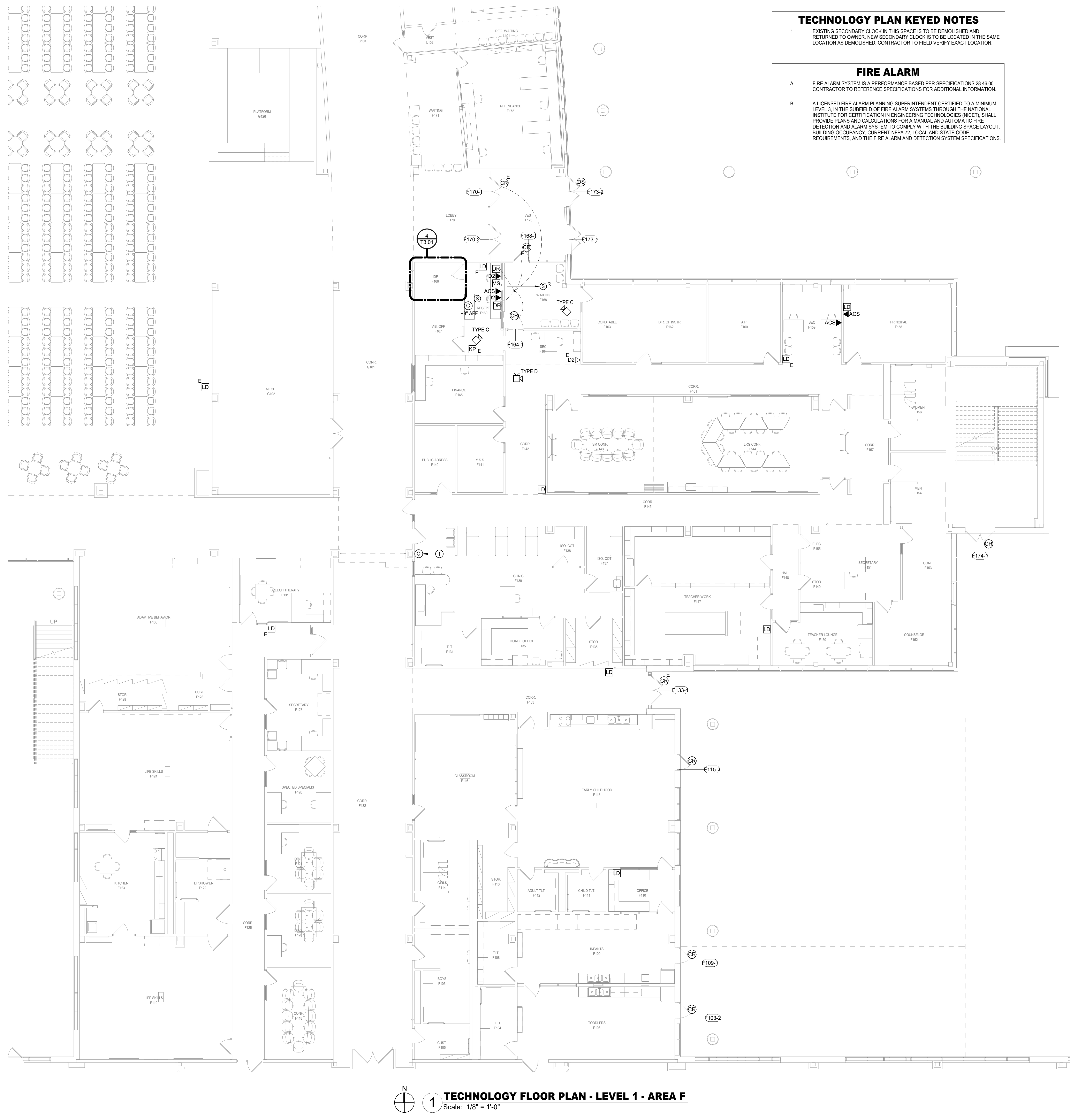
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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FARBANKS ISD
10707 MASON RD, CYPRESS, TX 77433



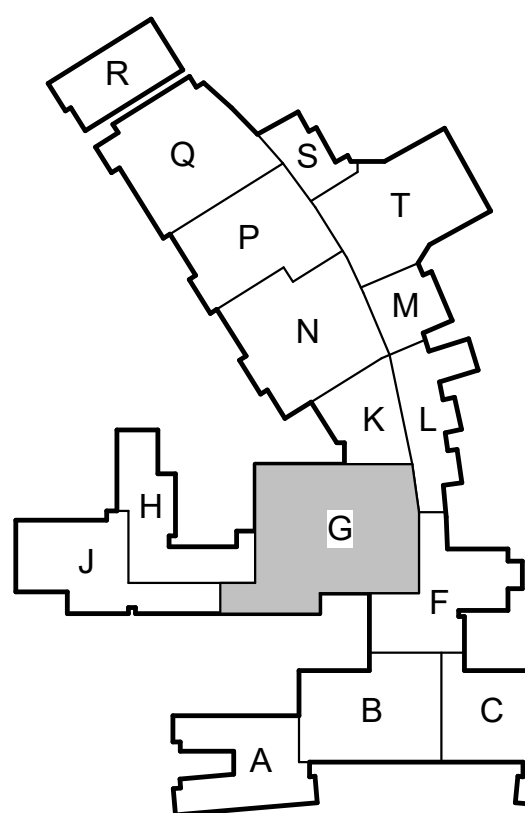
TECHNOLOGY FLOOR PLAN
- LEVEL 1 - AREA D & E

Job No.
01818-07-01
Drawn By:
NY
Date:
06/18/2025
Sheet No.
T2.04



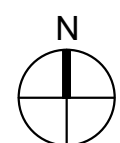
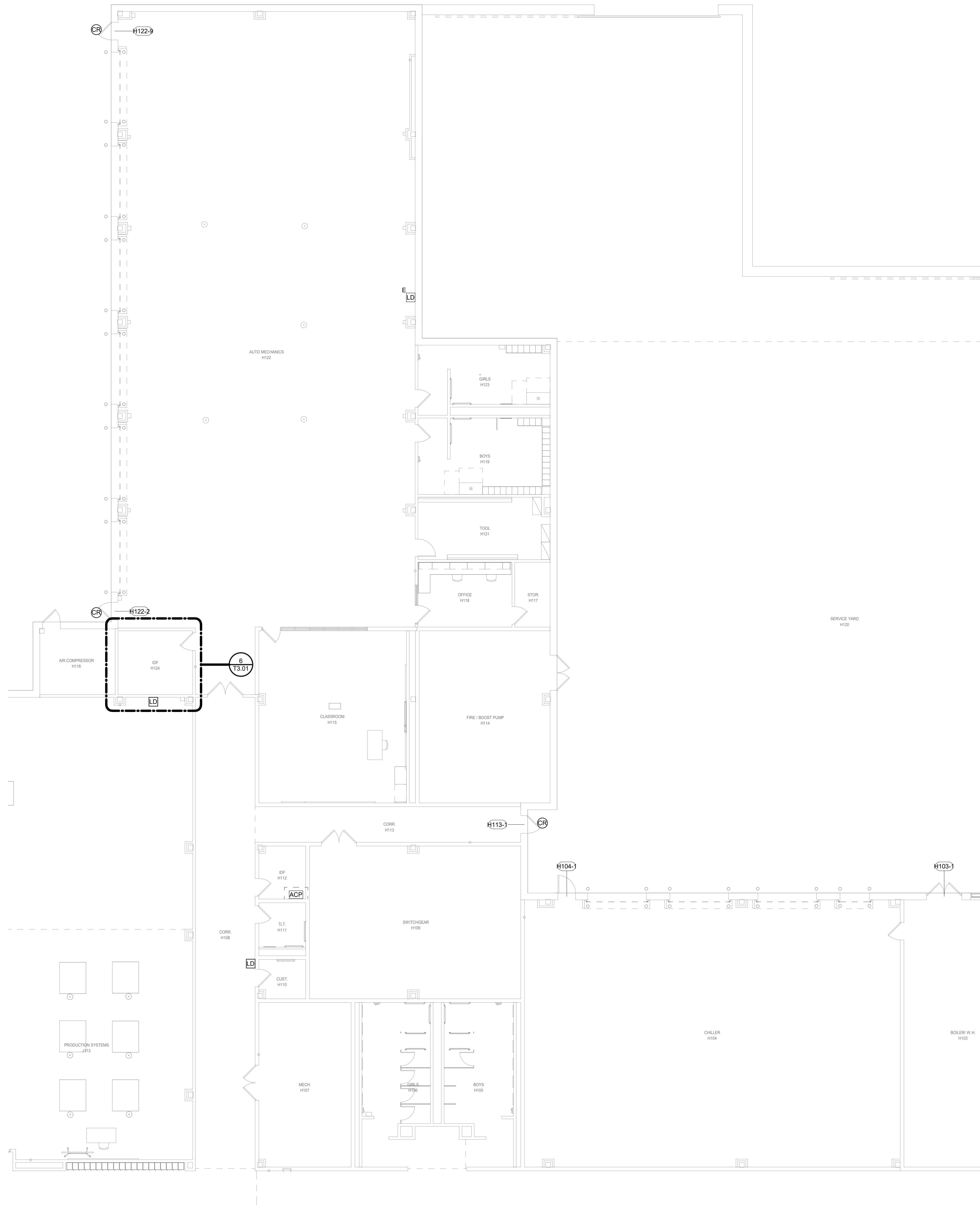
KEY PLAN - 1ST FLOOR
N.T.S.

Checked By: AY



KEY PLAN - 1ST FLOOR
N.T.S.

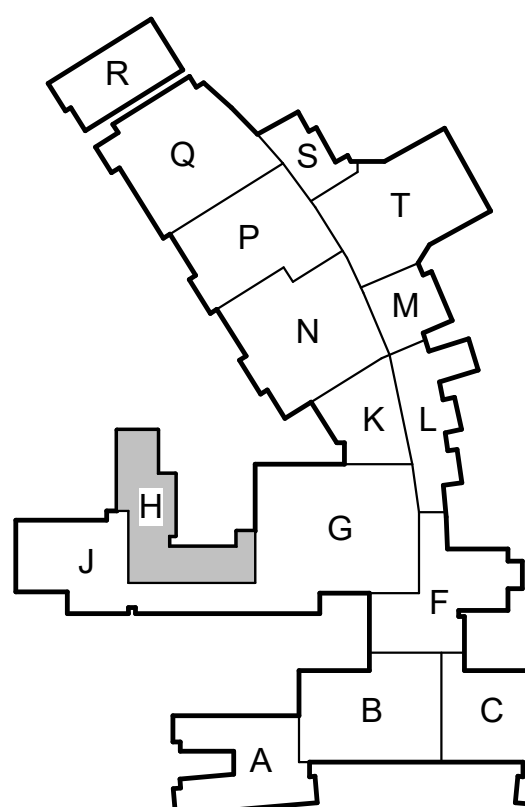
Checked By: AY



1

TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA H

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



KEY PLAN - 1ST FLOOR
N.T.S.

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Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Houston
10933 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



TECHNOLOGY FLOOR PLAN
- LEVEL 1 - AREA H

Job No.

01818-07-01

Drawn By:

NY

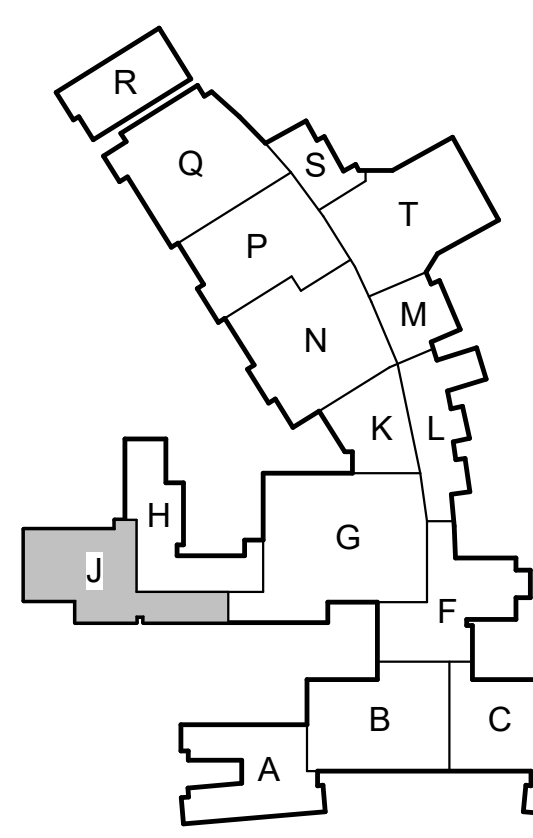
Date:

08/18/2025

Sheet No.

T2.07

 **1 TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA J**
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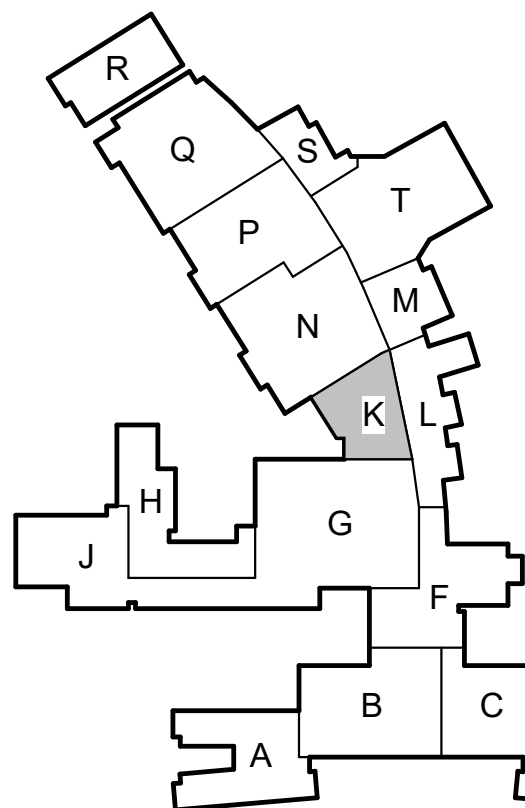


KEY PLAN - 1ST FLOOR
N.T.S. Checked By: AY



1

TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA K
Scale: 1/8" = 1'-0"



Checked By: AY

Date

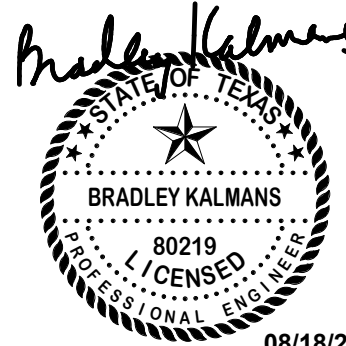
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



TECHNOLOGY FLOOR PLAN
- LEVEL 1 - AREA K

Job No.

01818-07-01

Drawn By:

NY

Date:

08/18/2025

Sheet No.

T2.09

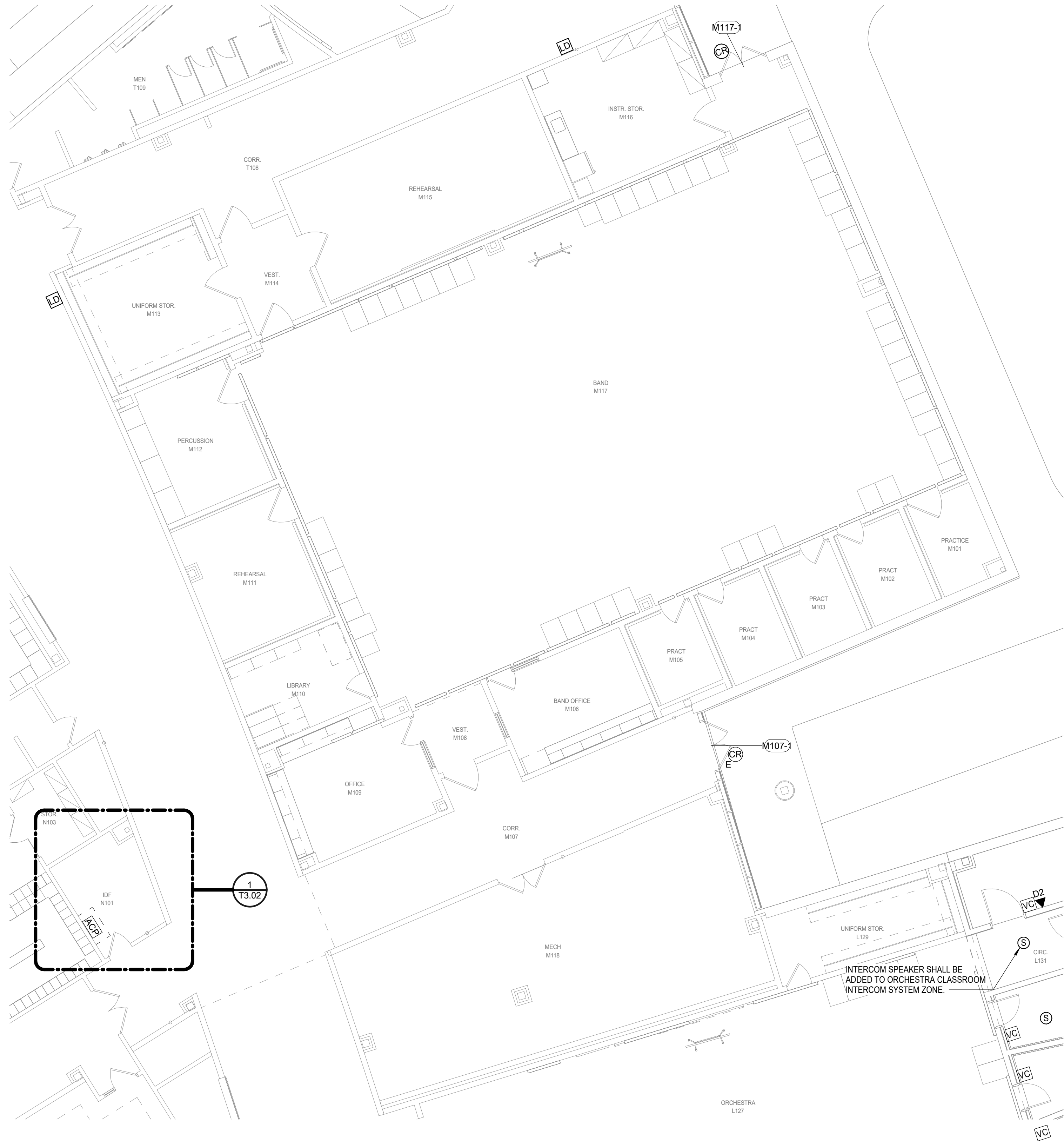


FIRE ALARM

- | | |
|----------|---|
| 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. |

KEY PLAN - 1ST FLOOR

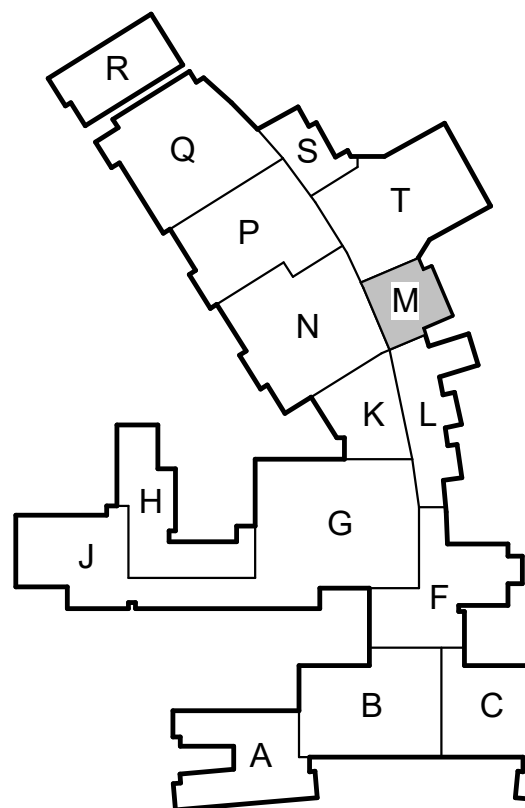
Checked By: AY



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TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA M

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



KEY PLAN - 1ST FLOOR
N.T.S.

Checked By: AY

Date

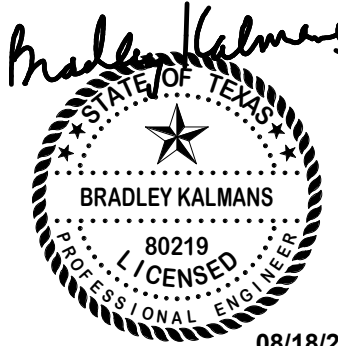
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
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CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



TECHNOLOGY FLOOR PLAN
- LEVEL 1 - AREA M

Job No.

01818-07-01

Drawn By:

NY

Date:

08/18/2025

Sheet No.

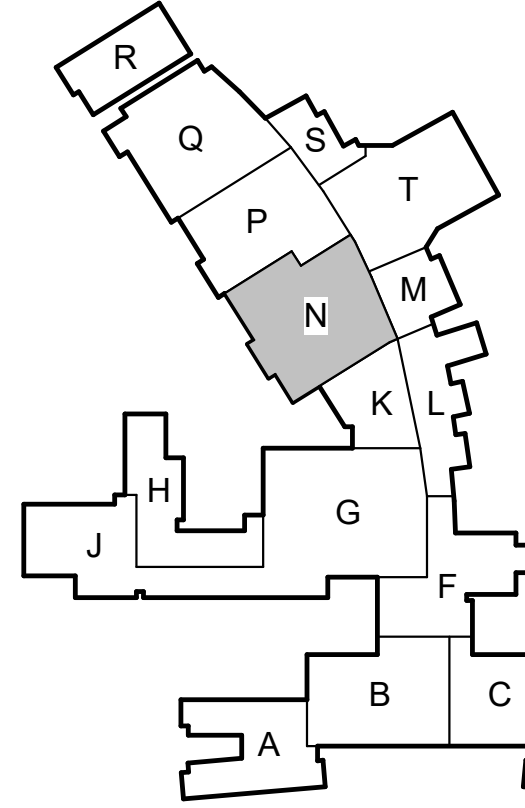
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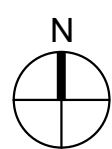


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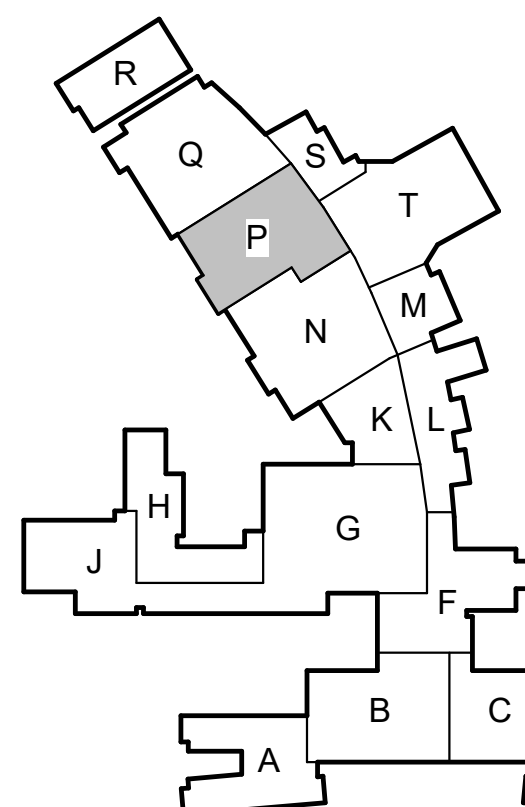
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Date: 18/02/2025	



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1 TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA P
Scale: 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S.

Checked By: AY

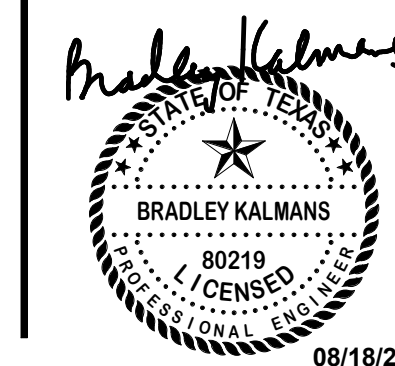
Revision /

Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRSS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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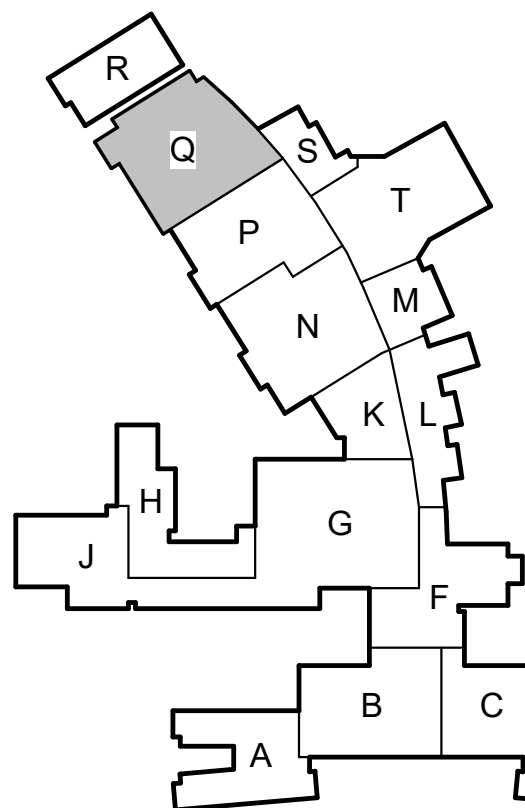
TECHNOLOGY FLOOR PLAN
- LEVEL 1 - AREA P

Job No.
01818-07-01
Drawn By:
NY
Date:
06/18/2025
Sheet No.
T2.13

TECHNOLOGY PLAN KEYED NOTES

1 EXISTING SECONDARY CLOCK IN THIS SPACE IS TO BE DEMOLISHED AND
RETURNED TO OWNER. NEW SECONDARY CLOCK IS TO BE LOCATED IN THE SAME
LOCATION AS DEMOLISHED. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.

1 TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA Q
Scale: 1/8" = 1'-0"



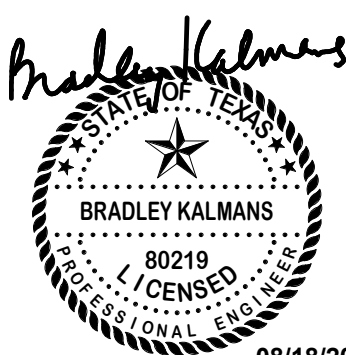
KEY PLAN - 1ST FLOOR
N.T.S.

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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433



Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00195-00



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TECHNOLOGY FLOOR PLAN

LEVEL 1 - AREA Q

b No.

818-07-01

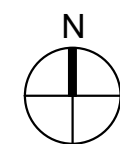
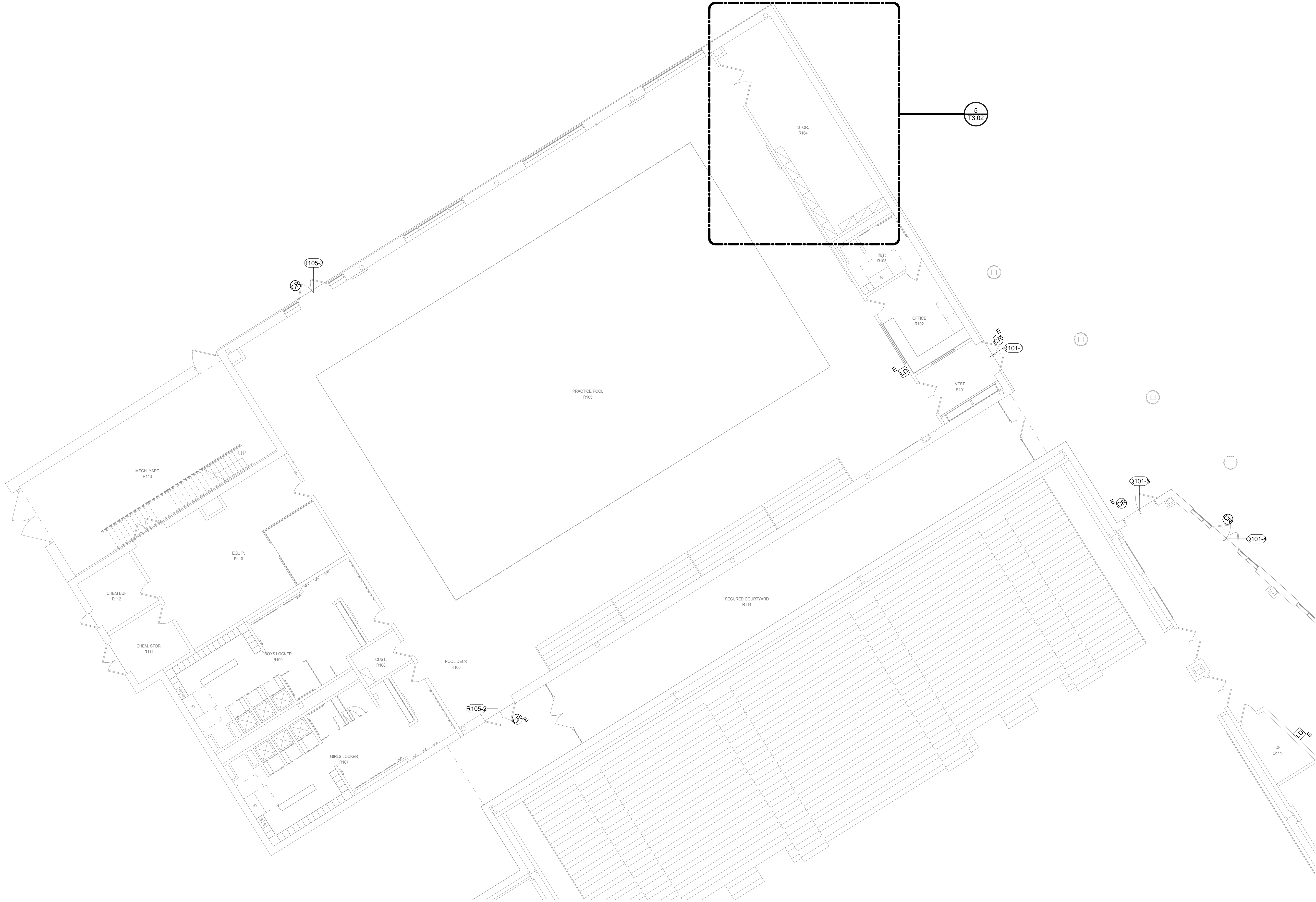
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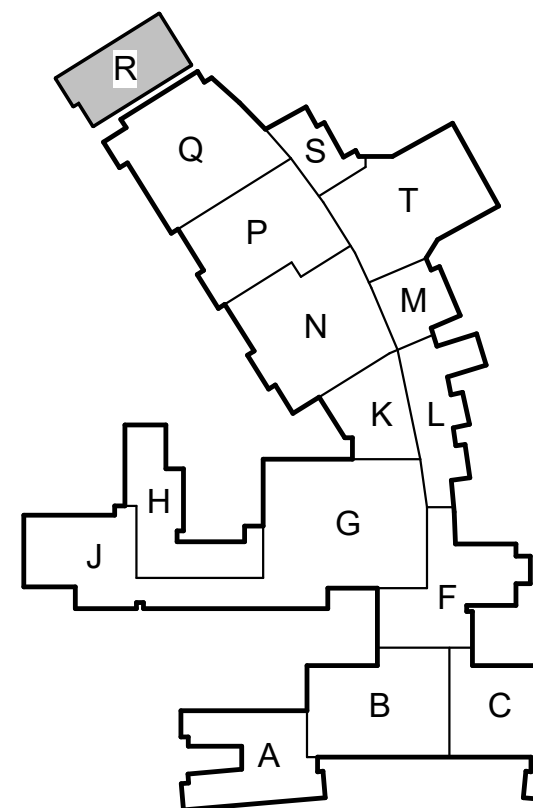
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Drawn By:

T2.14



1 TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA R
Scale: 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
N.T.S. Checked By: AY

Date

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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:



Houston
10930 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



TECHNOLOGY FLOOR PLAN
- LEVEL 1 - AREA R

Job No.

01818-07-01

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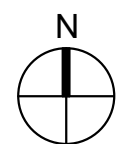
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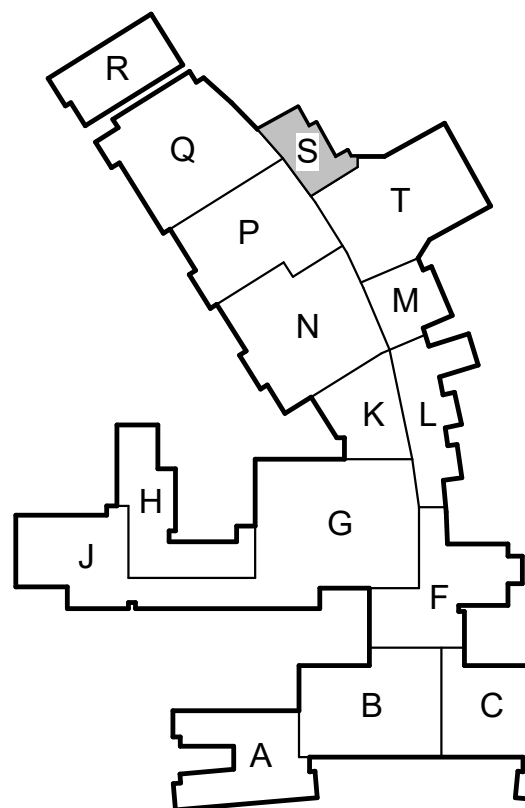
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Sheet No.

T2.15



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KEY PLAN - 1ST FLOOR
N.T.S.

Checked By: AY

Date

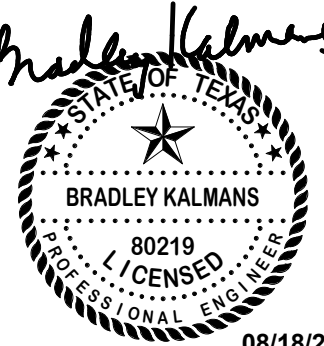
Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
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10707 MASON RD, CYPRESS, TX 77433

Project:



Houston
10933 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



TECHNOLOGY FLOOR PLAN
- LEVEL 1 - AREA S

Job No.

01818-07-01

Drawn By:

NY

Date:

06/18/2025

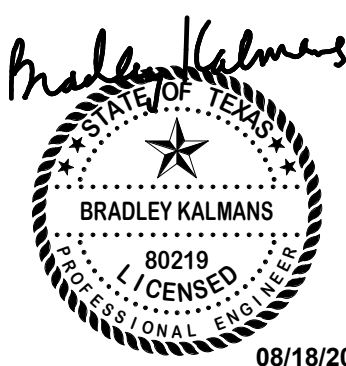
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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433



Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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TECHNOLOGY FLOOR PLAN LEVEL 1 - AREA T

b No.

818-07-01

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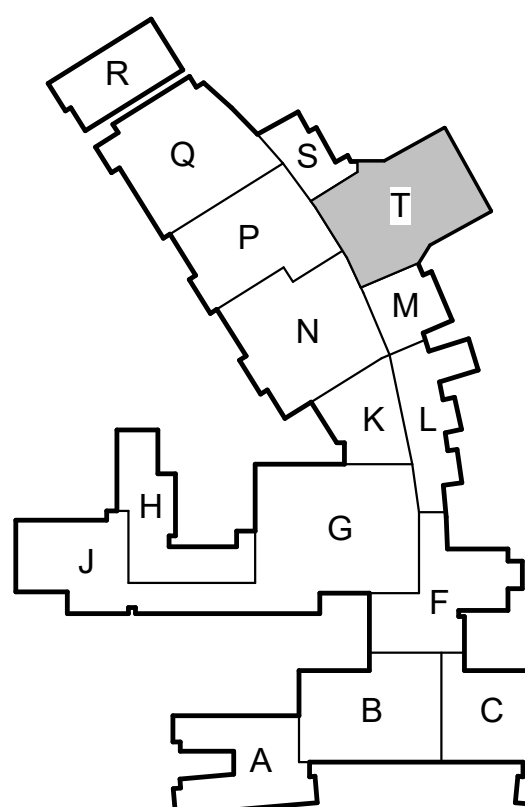
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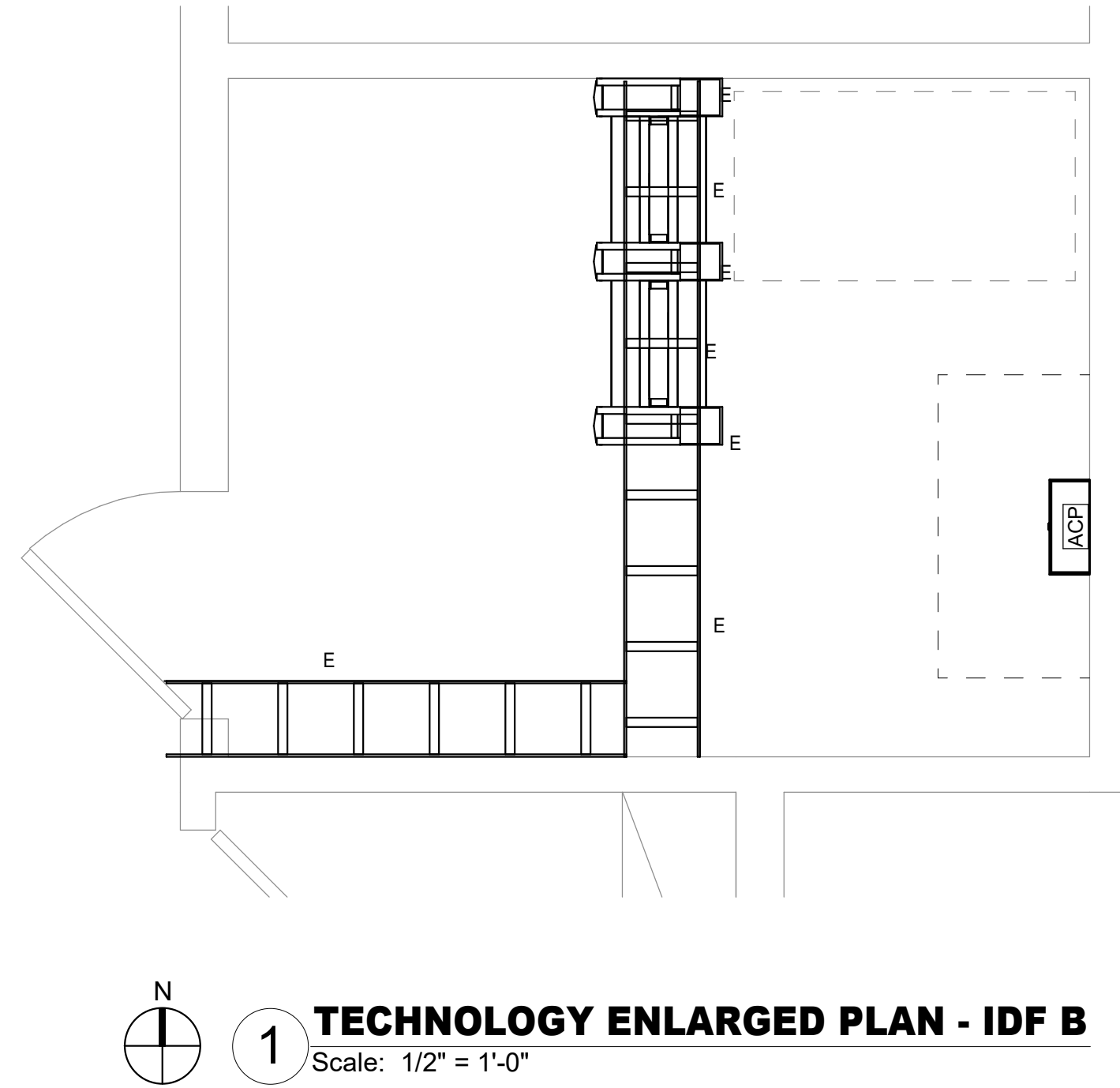


KEY PLAN - 1ST FLOOR
N.T.S.

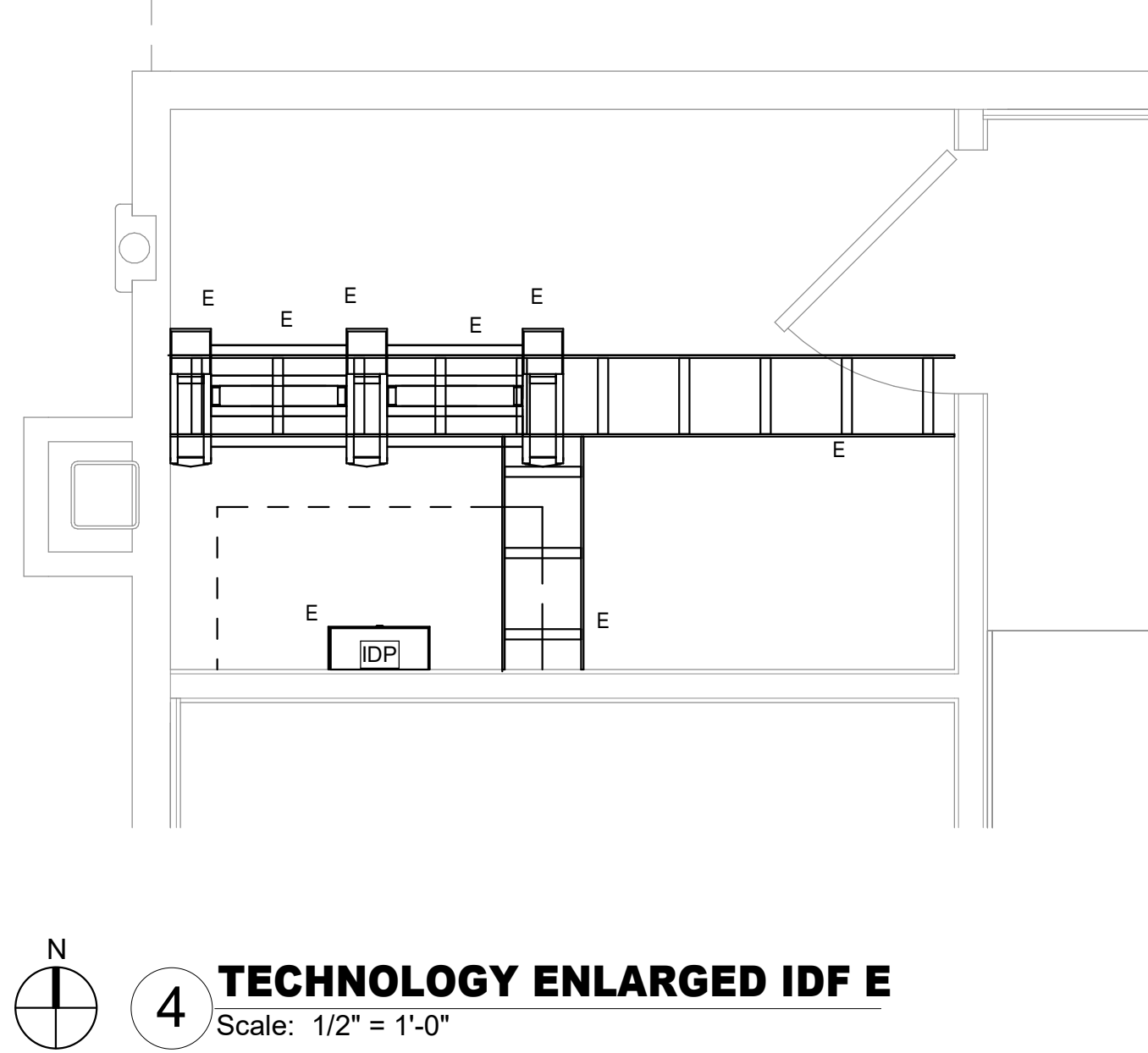
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TECHNOLOGY FLOOR PLAN - LEVEL 1 - AREA T

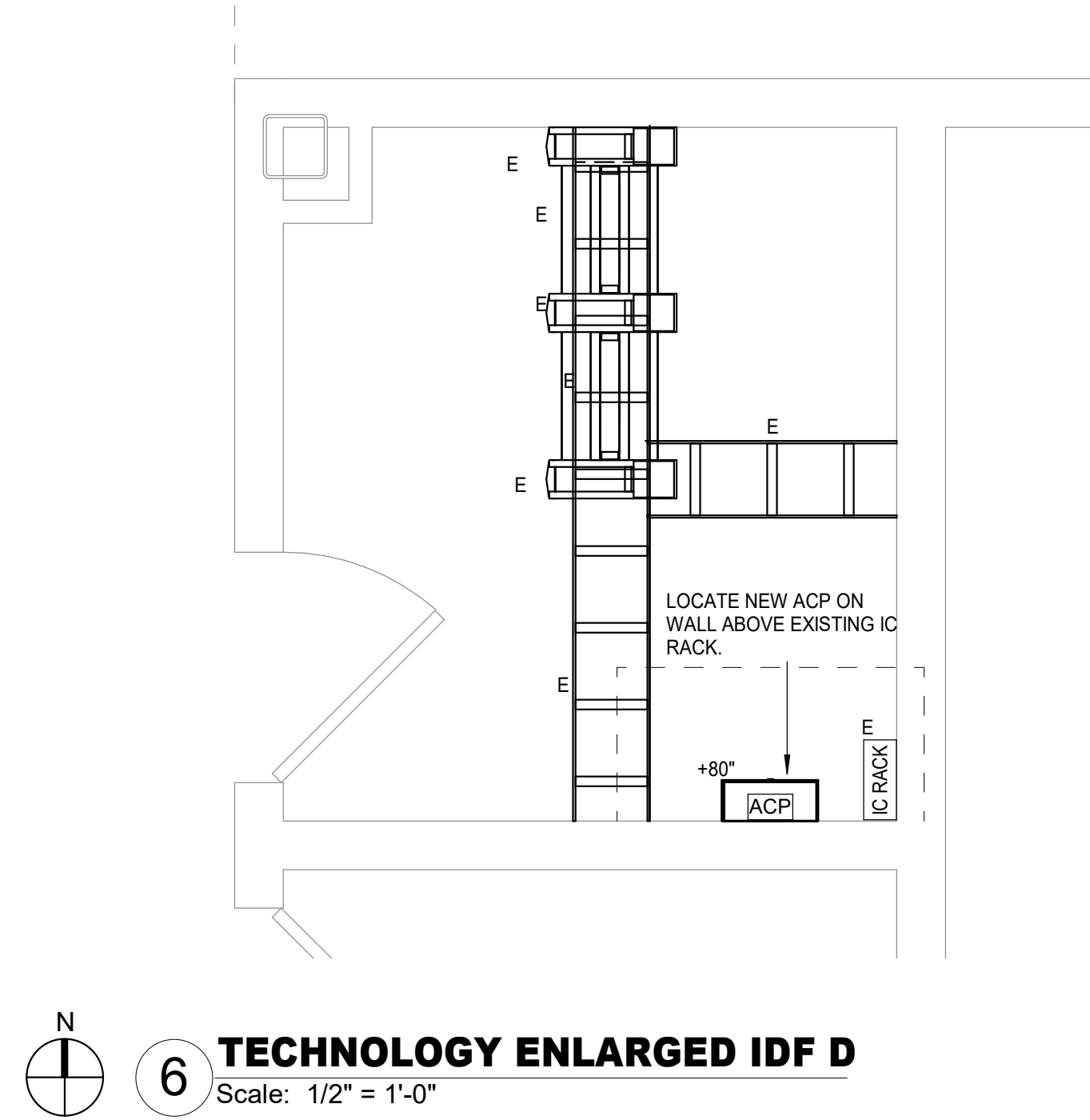
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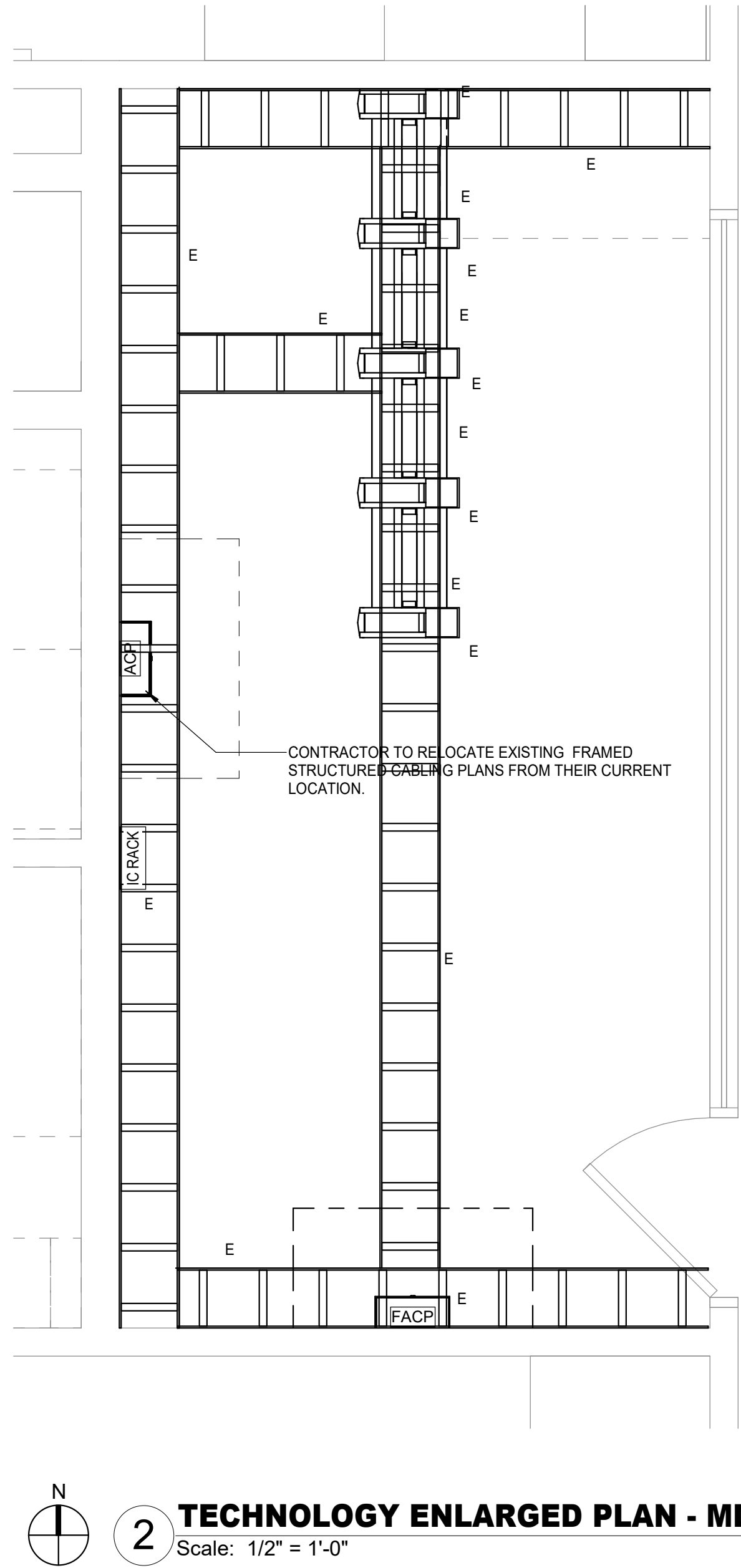
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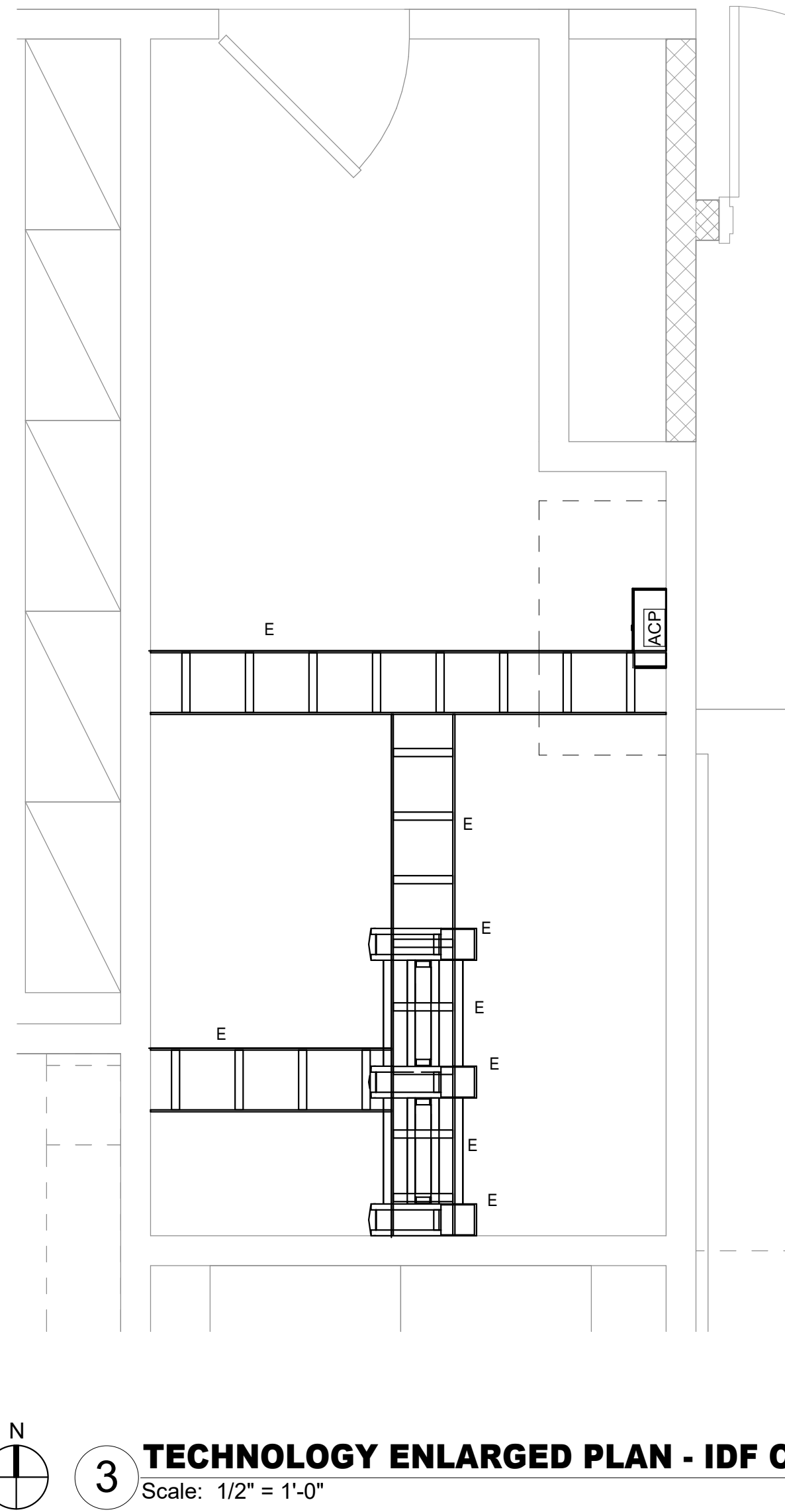
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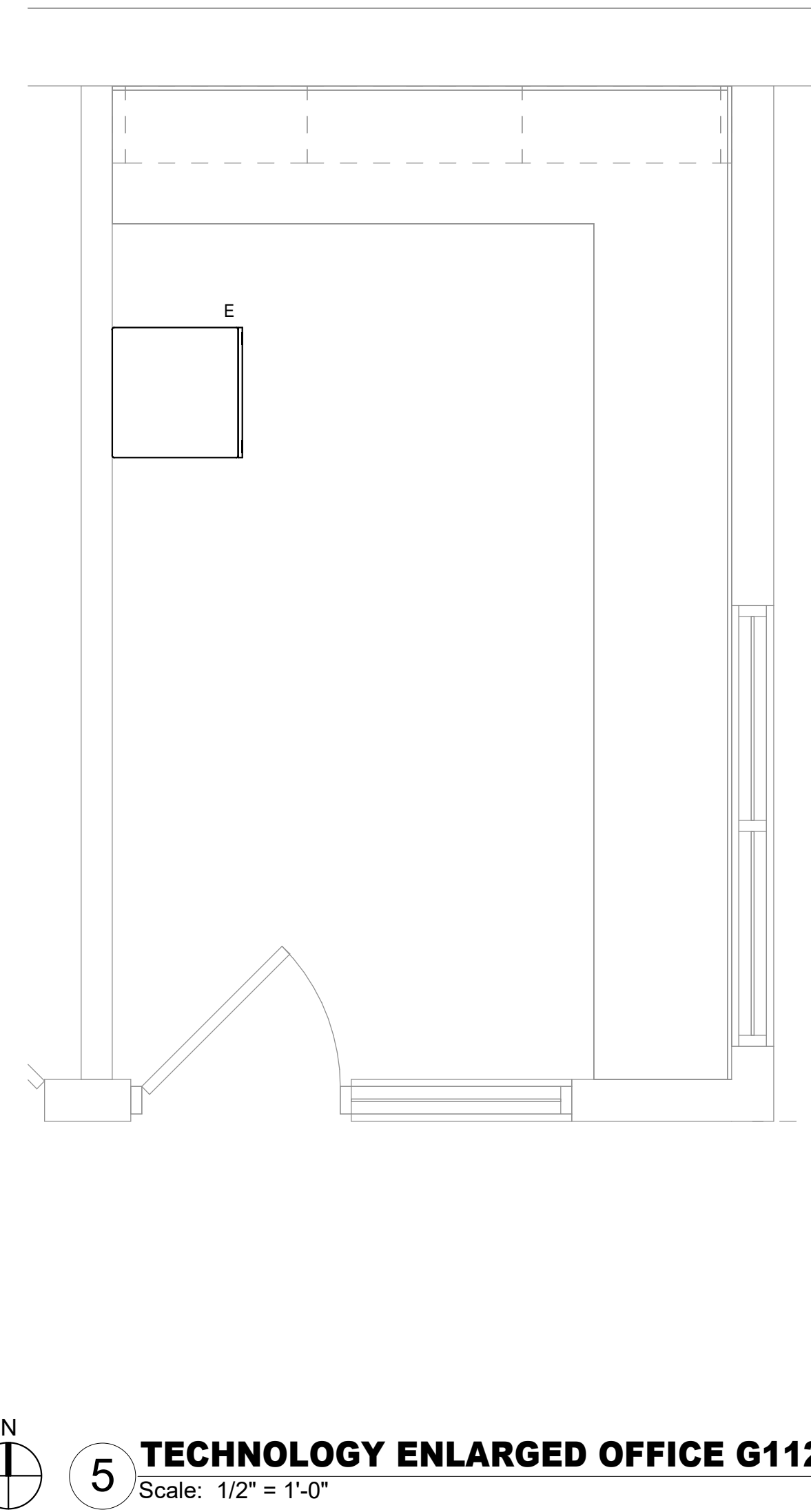
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2 TECHNOLOGY ENLARGED PLAN - MDF
Scale: 1/2" = 1'-0"



3 TECHNOLOGY ENLARGED PLAN - IDF C
Scale: 1/2" = 1'-0"



5 TECHNOLOGY ENLARGED OFFICE G112
Scale: 1/2" = 1'-0"

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2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

Salas O'Brien

Houston
10933 W. Sam Houston Pkwy North, Suite 500
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2024-00196-00



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TECHNOLOGY ENLARGED
PLANS

Job No.

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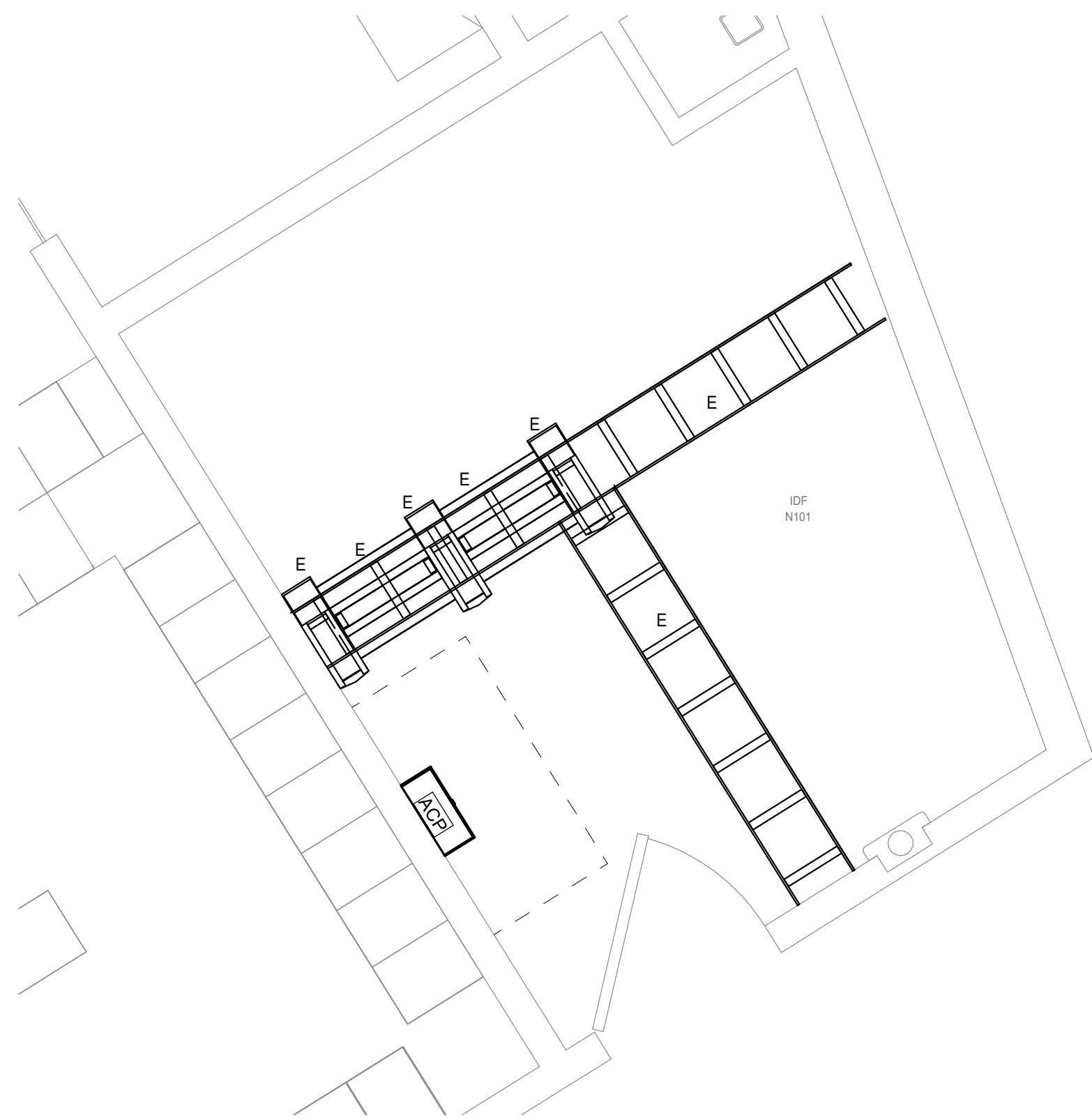
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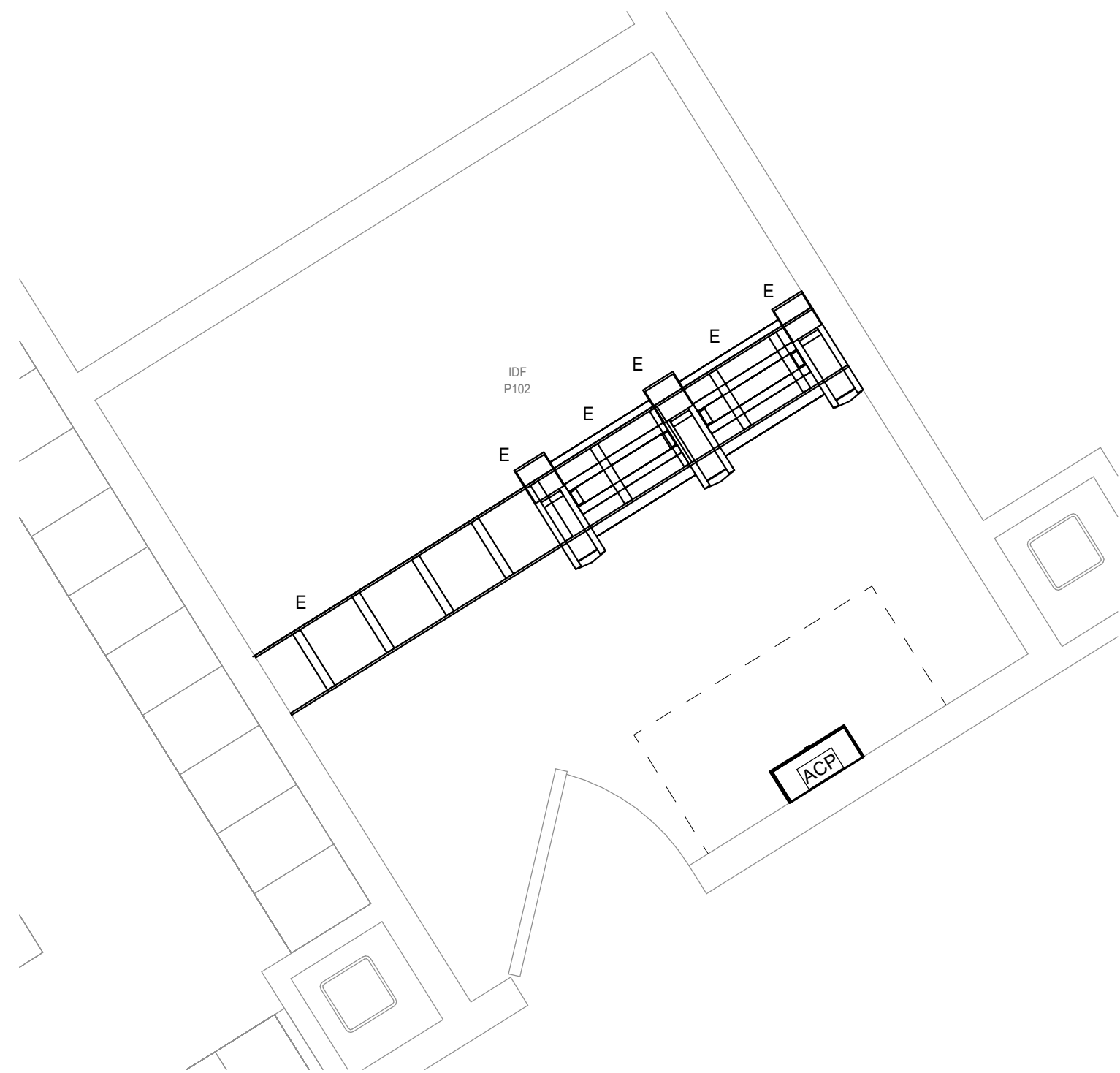
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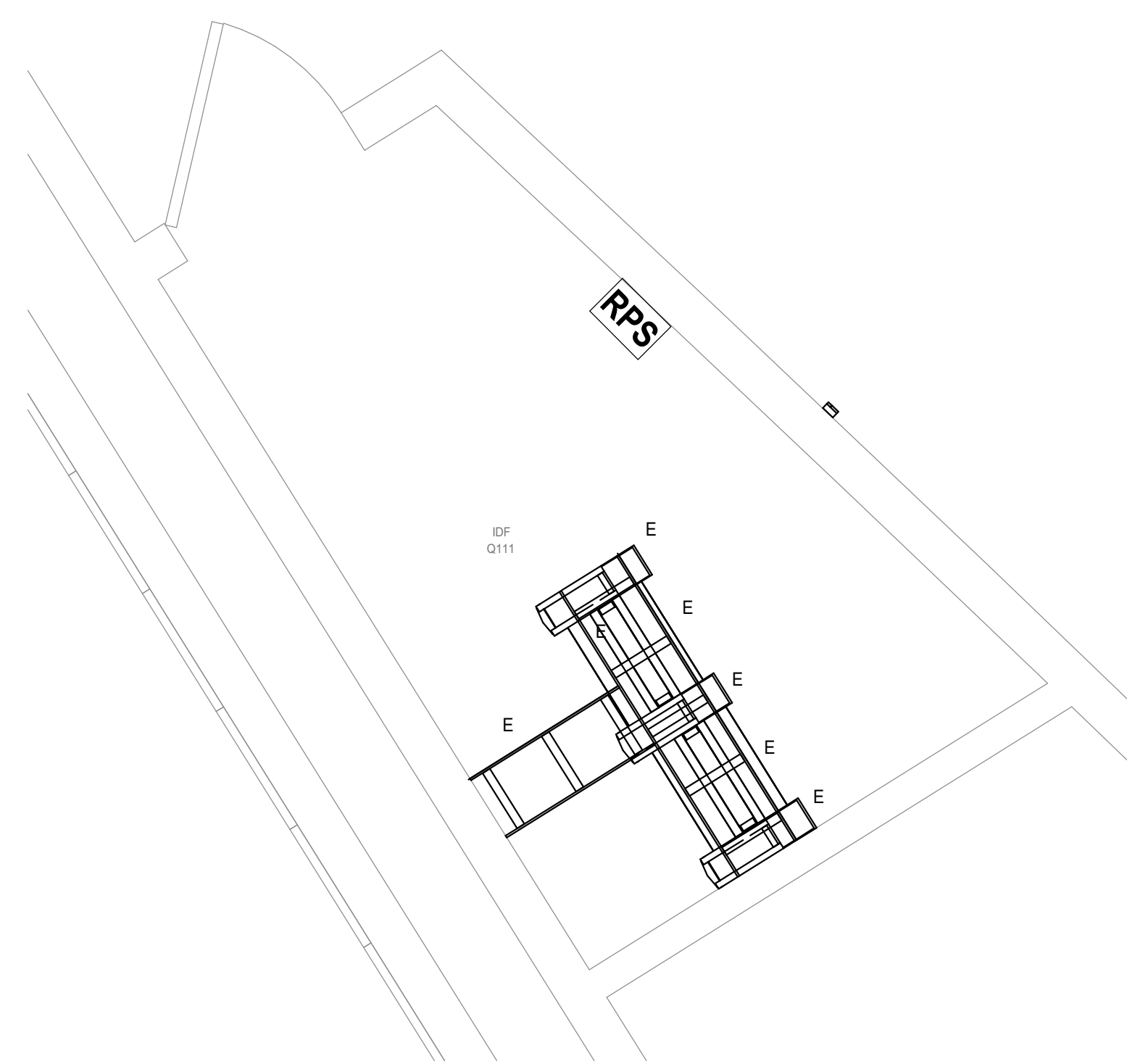
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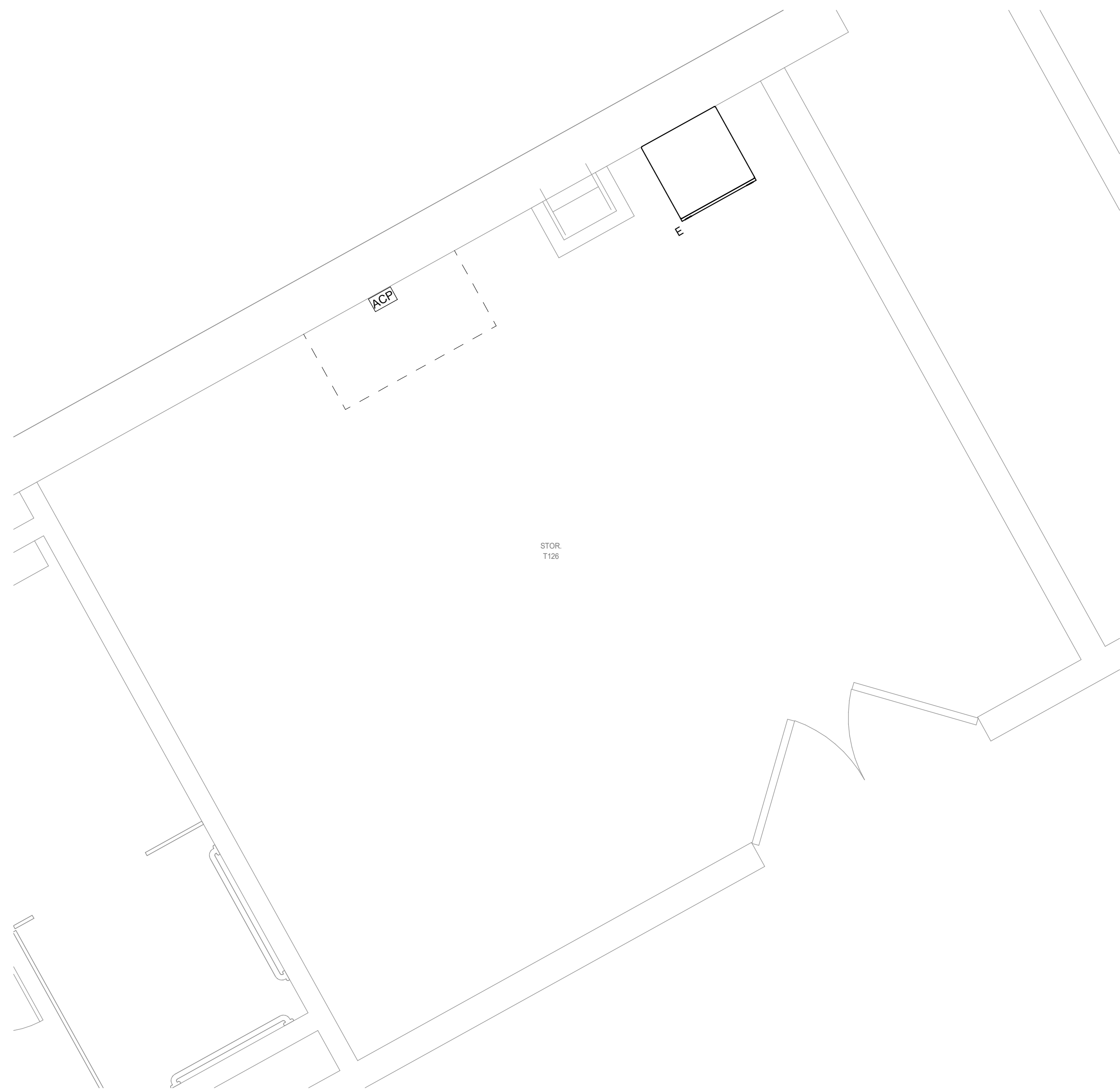
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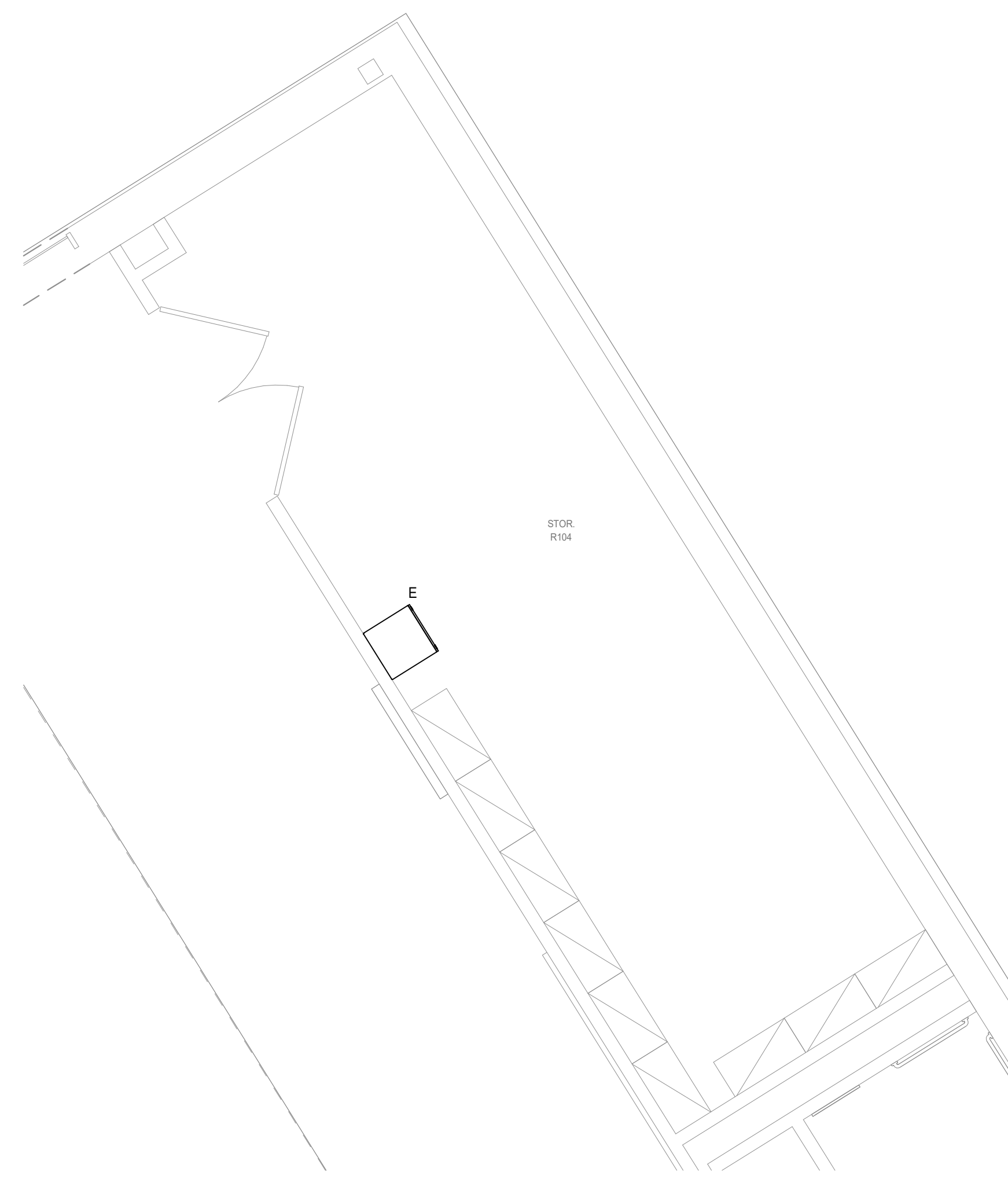
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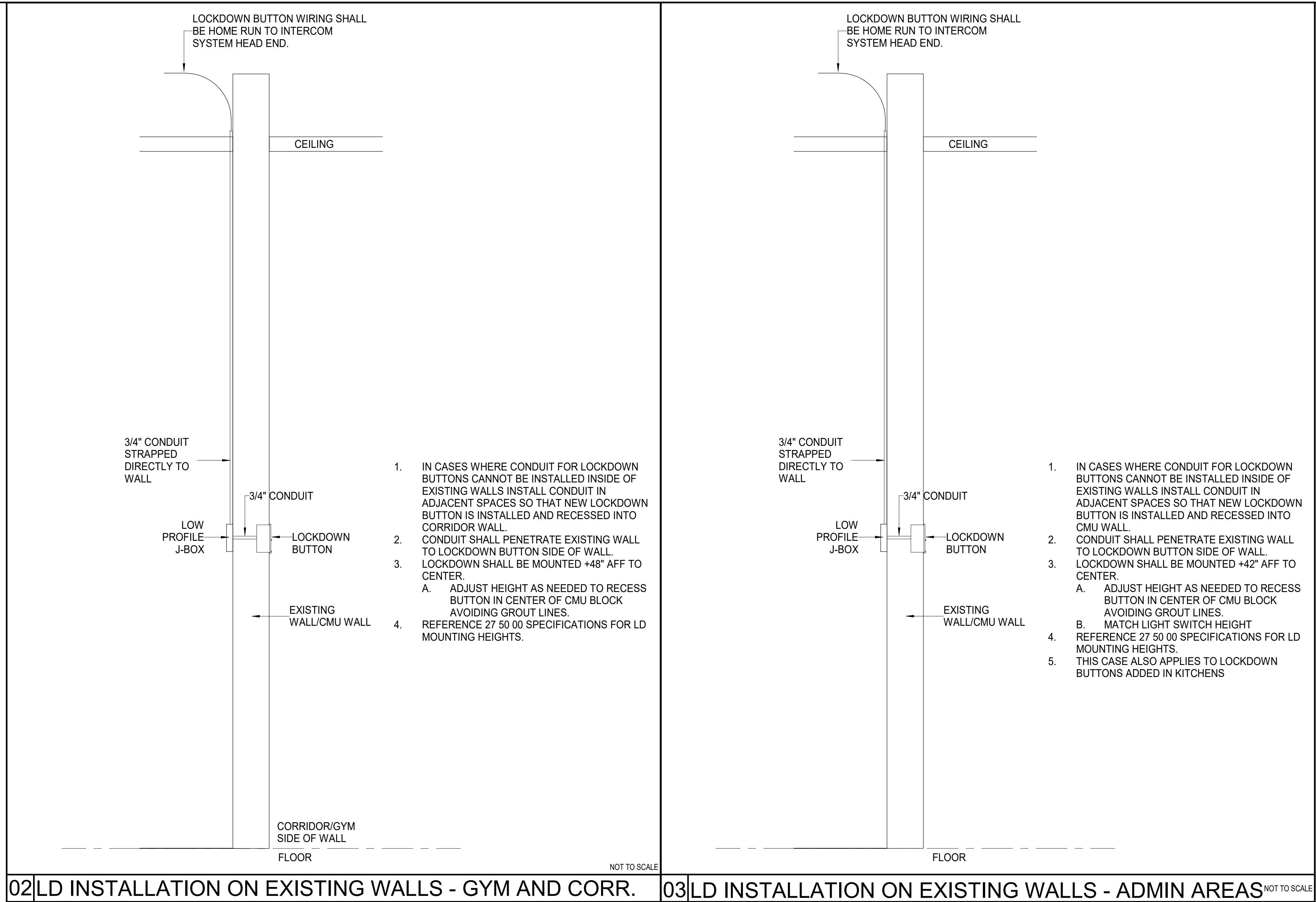
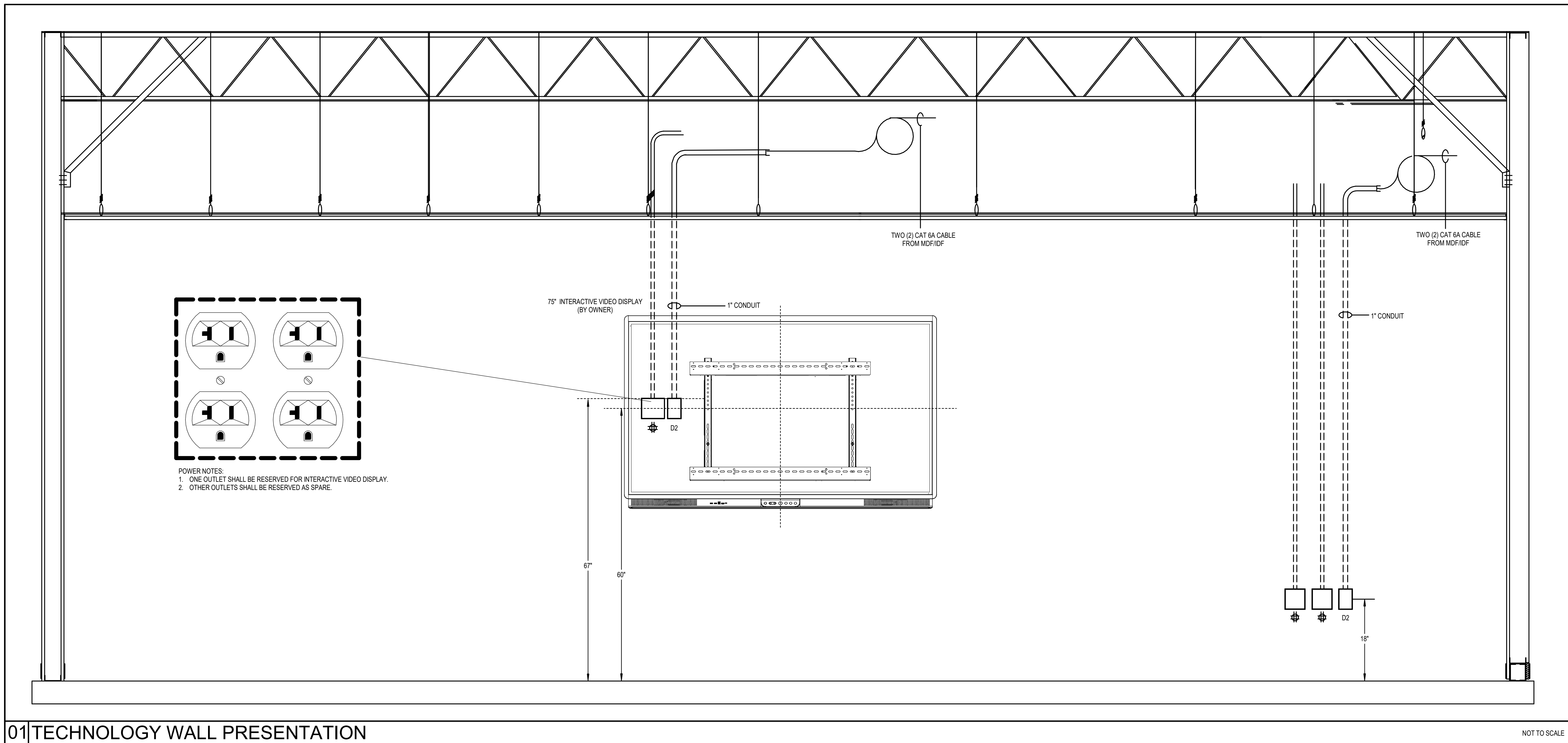


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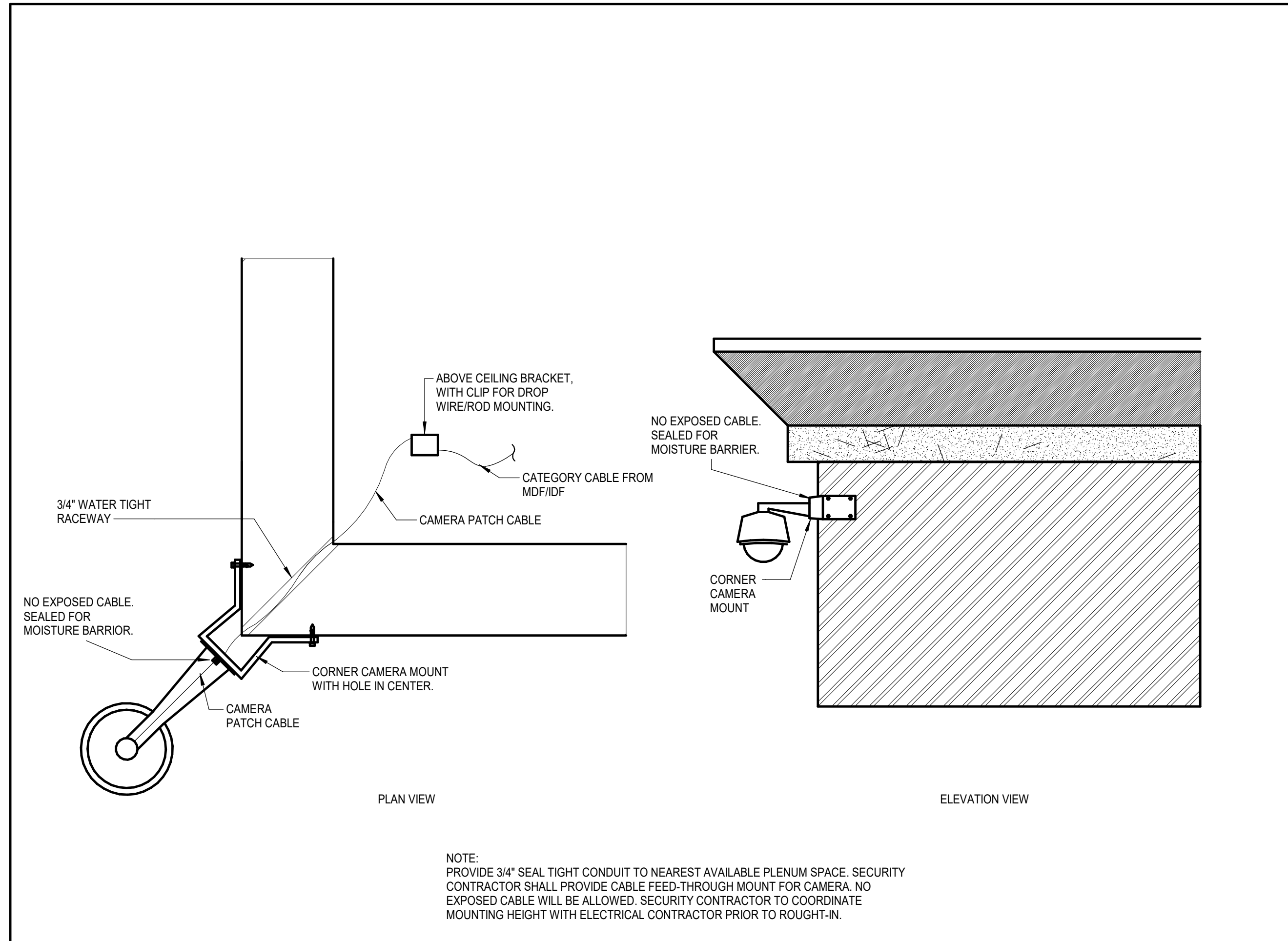
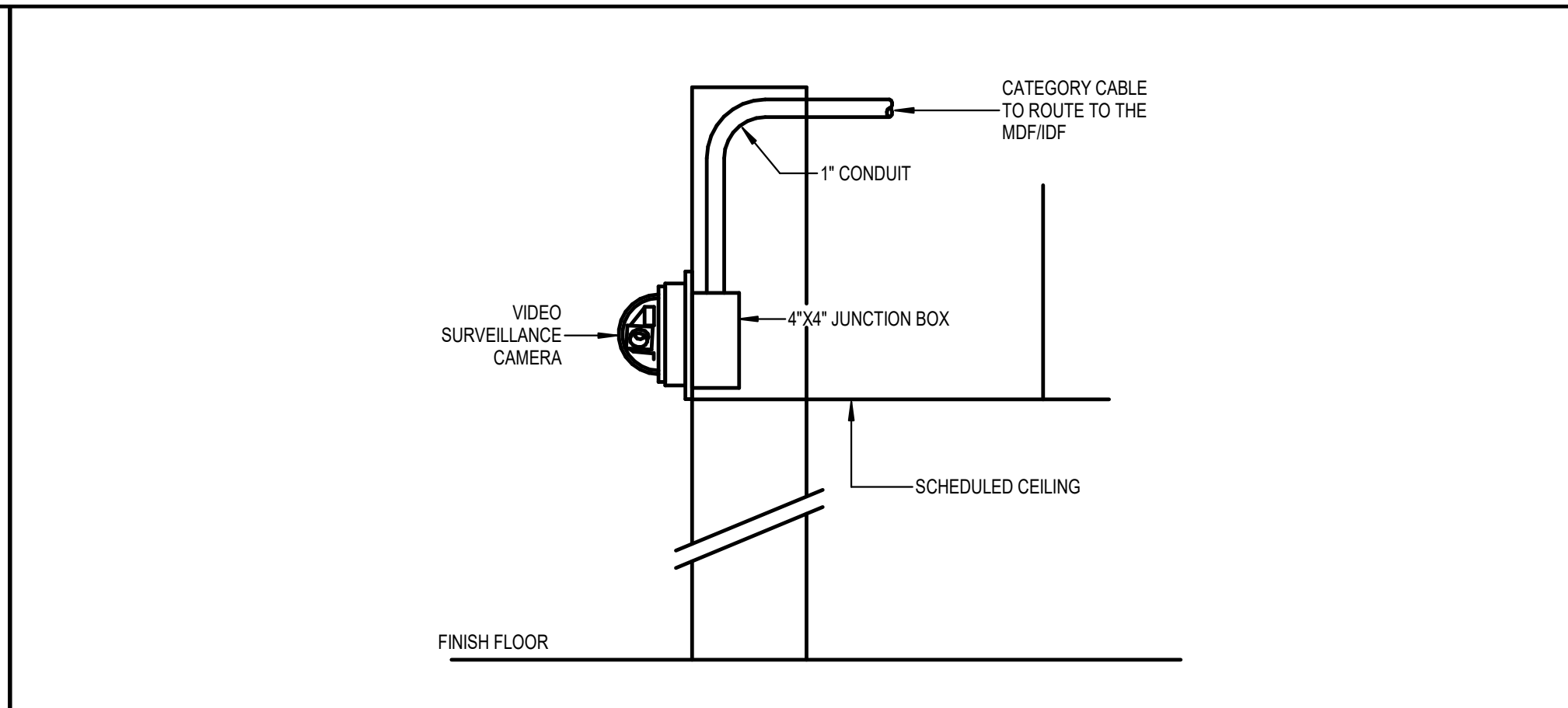
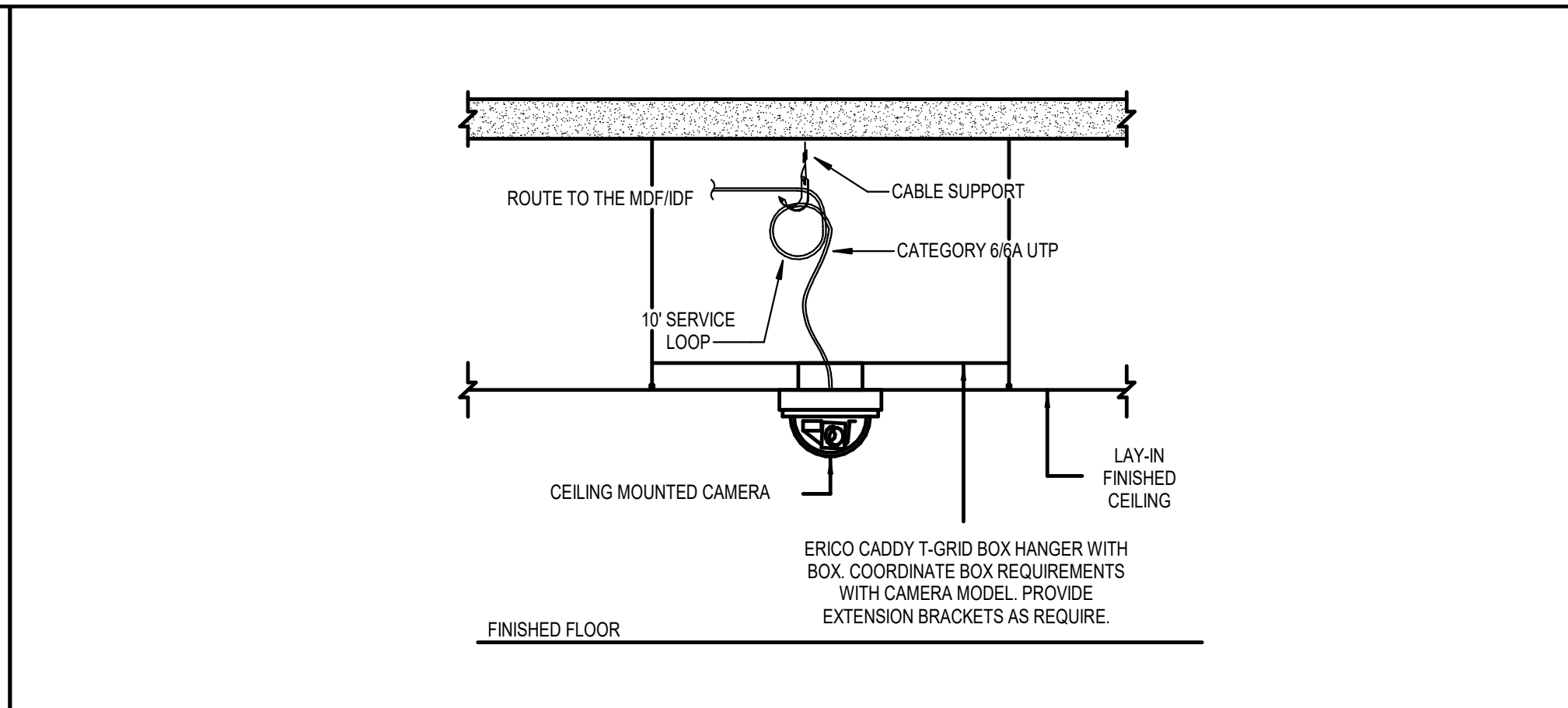
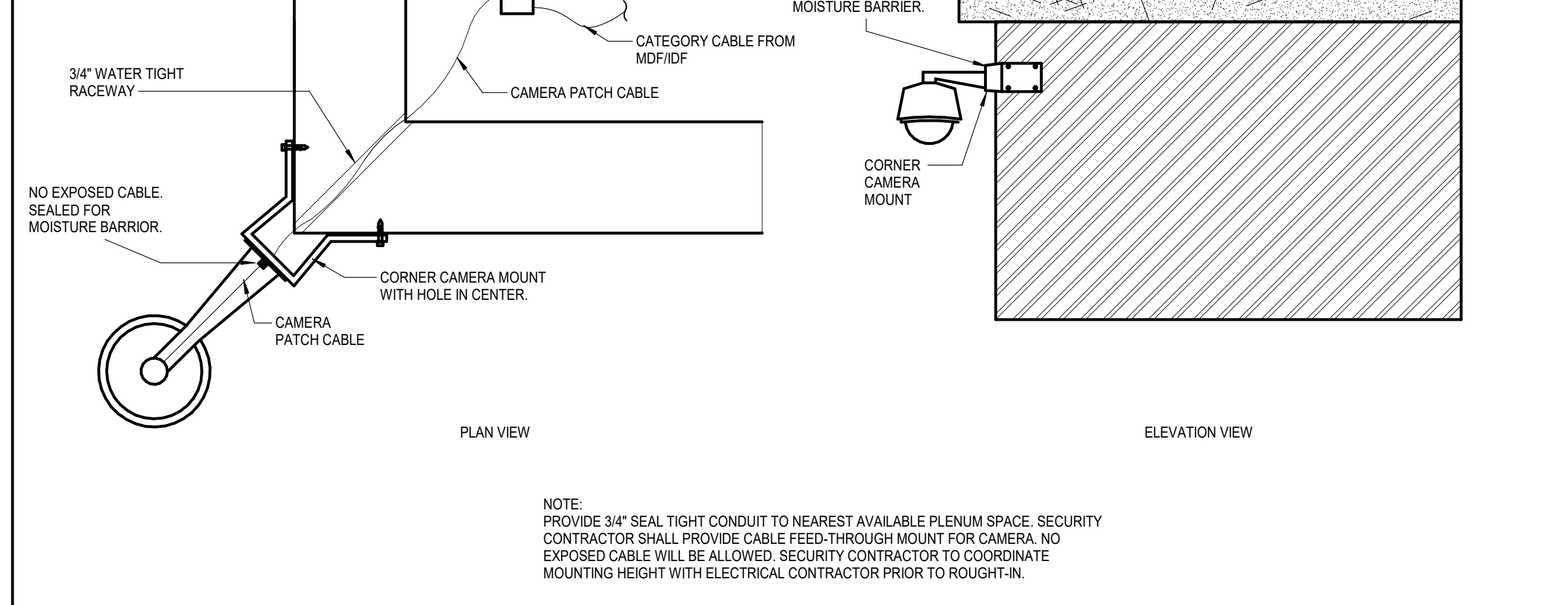
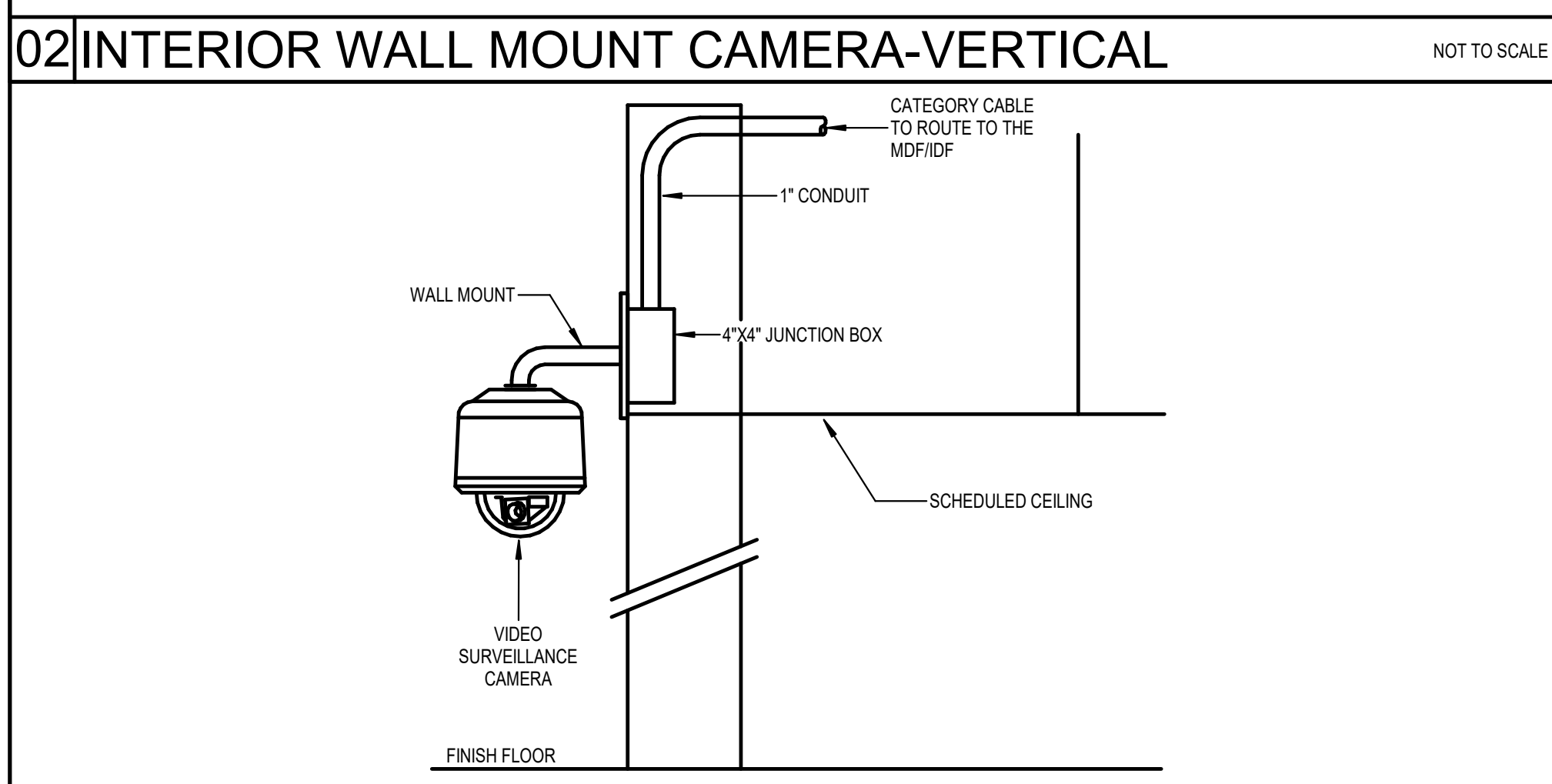
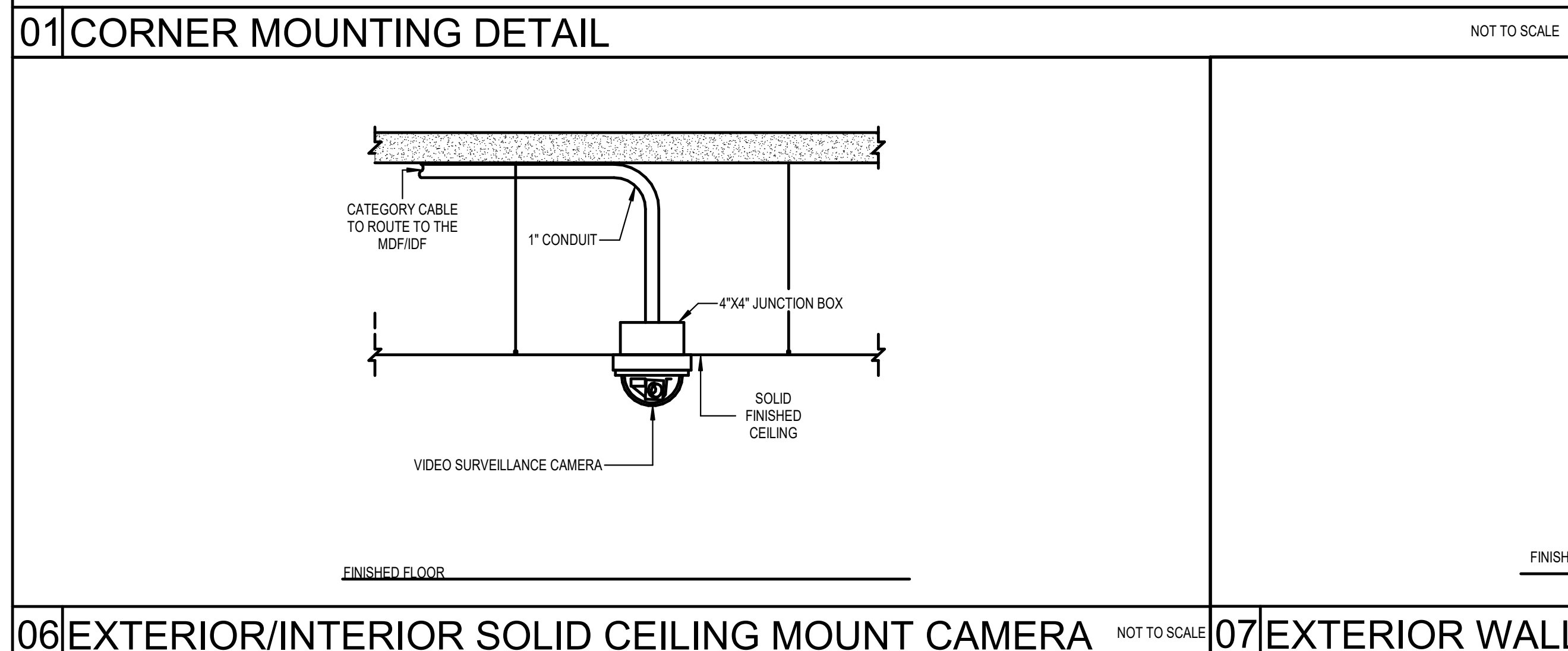
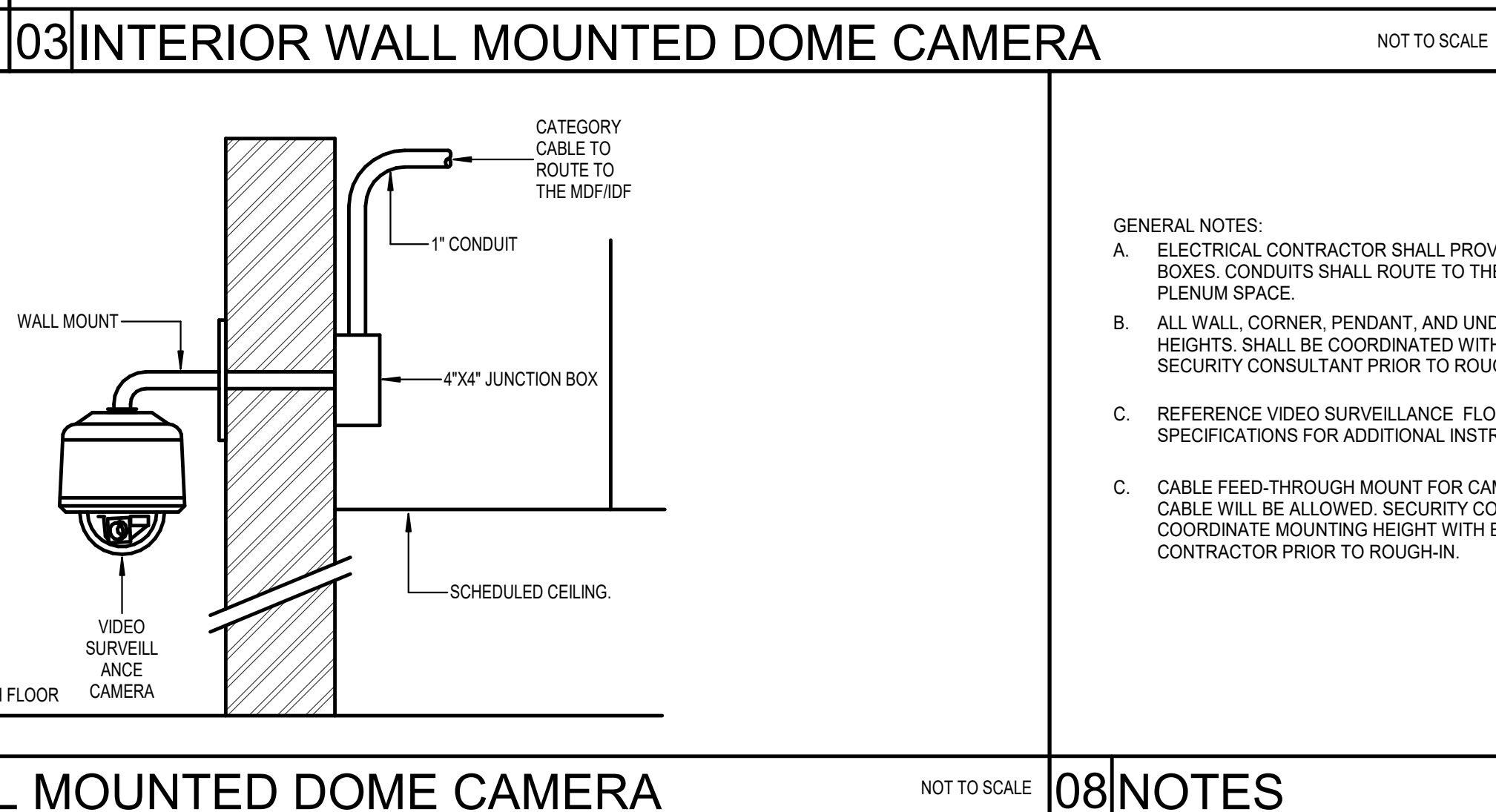


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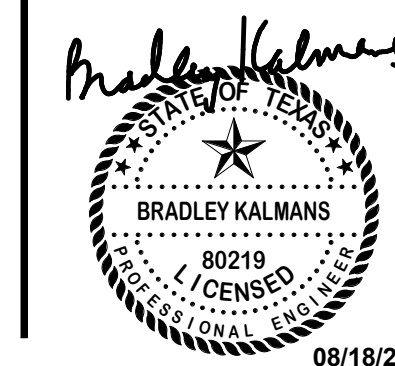
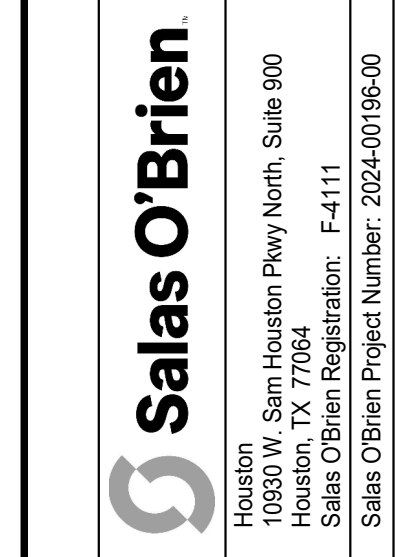
<div><p>NOTE: PROVIDE 3/4" SEAL TIGHT CONDUIT TO NEAREST AVAILABLE PLENUM SPACE. SECURITY CONTRACTOR SHALL PROVIDE CABLE FEED-THROUGH MOUNT FOR CAMERA. NO EXPOSED CABLE WILL BE ALLOWED. SECURITY CONTRACTOR TO COORDINATE MOUNTING HEIGHT WITH ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN.</p></div>		<div><p>NOT TO SCALE</p></div>		<div><p>NOT TO SCALE</p></div>
<div><p>NOT TO SCALE</p></div>		<div><p>NOT TO SCALE</p></div>		
<div><p>NOT TO SCALE</p></div>		<div><p>NOT TO SCALE</p></div>		<div><p>GENERAL NOTES:</p><p>A. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUITS AND BACK BOXES. CONDUITS SHALL ROUTE TO THE NEAREST, ACCESSIBLE PLENUM SPACE.</p><p>B. ALL WALL, CORNER, PENDANT, AND UNDER CANOPY MOUNTING HEIGHTS, SHALL BE COORDINATED WITH THE OWNER AND SECURITY CONSULTANT PRIOR TO ROUGH-IN.</p><p>C. REFERENCE VIDEO SURVEILLANCE FLOOR PLANS, AND SPECIFICATIONS FOR ADDITIONAL INSTRUCTIONS.</p><p>C. 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.</p></div>
<div>08NOTES</div>		<div>NOT TO SCALE</div>		

Revision /

Date

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

Project:

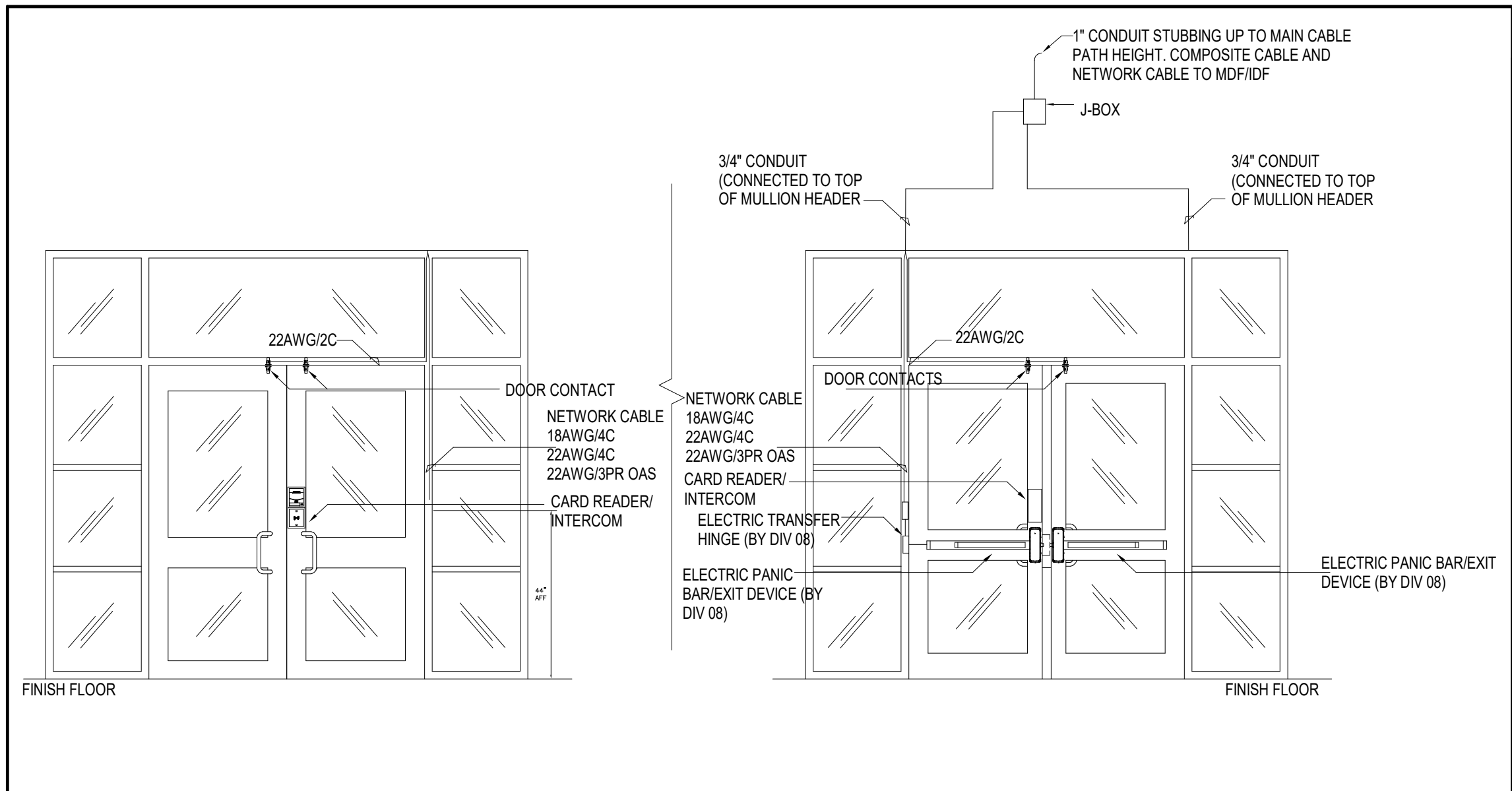


TECHNOLOGY DETAILS

Job No.
01818-07-01
Drawn By:
NY
Date:
08/18/2025

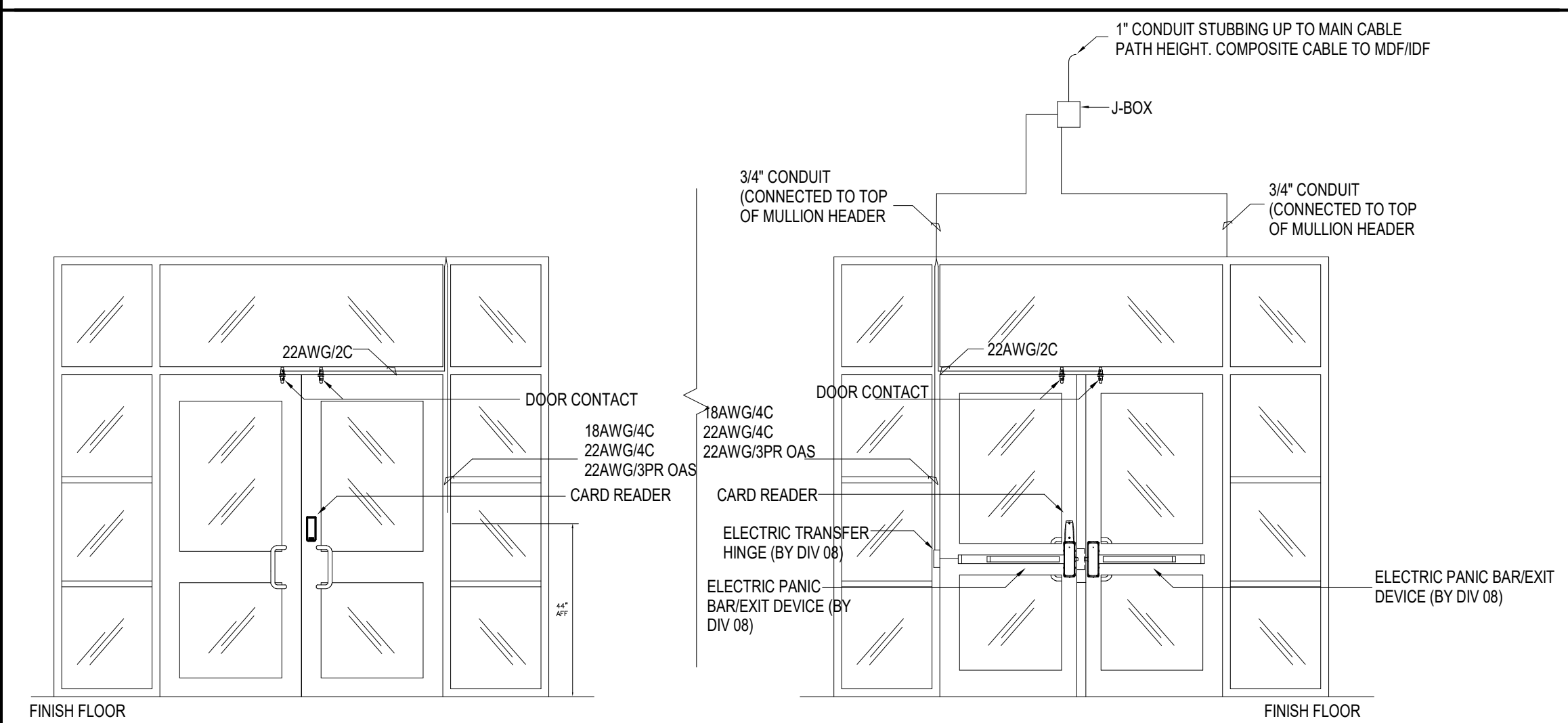
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T5.03

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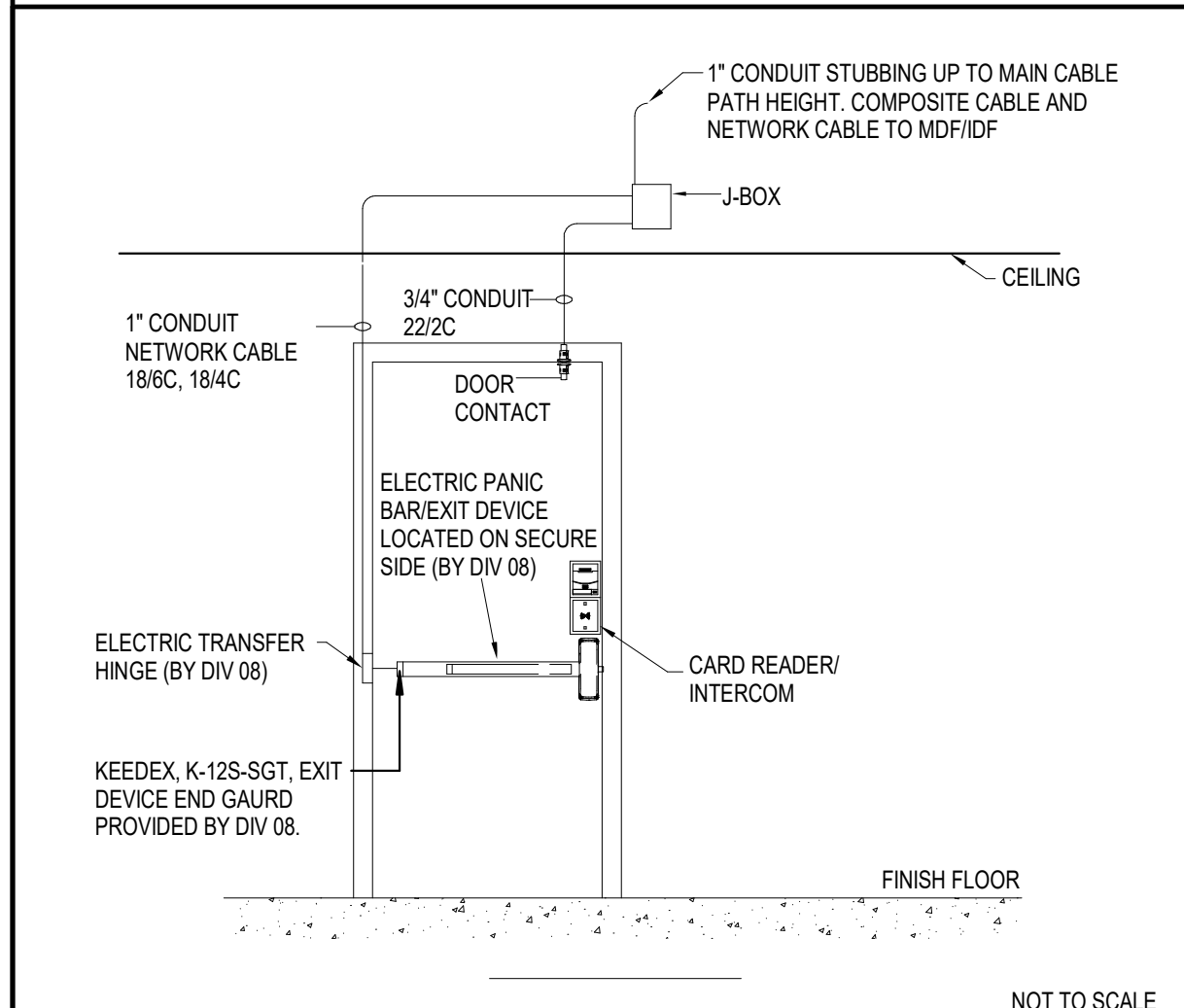
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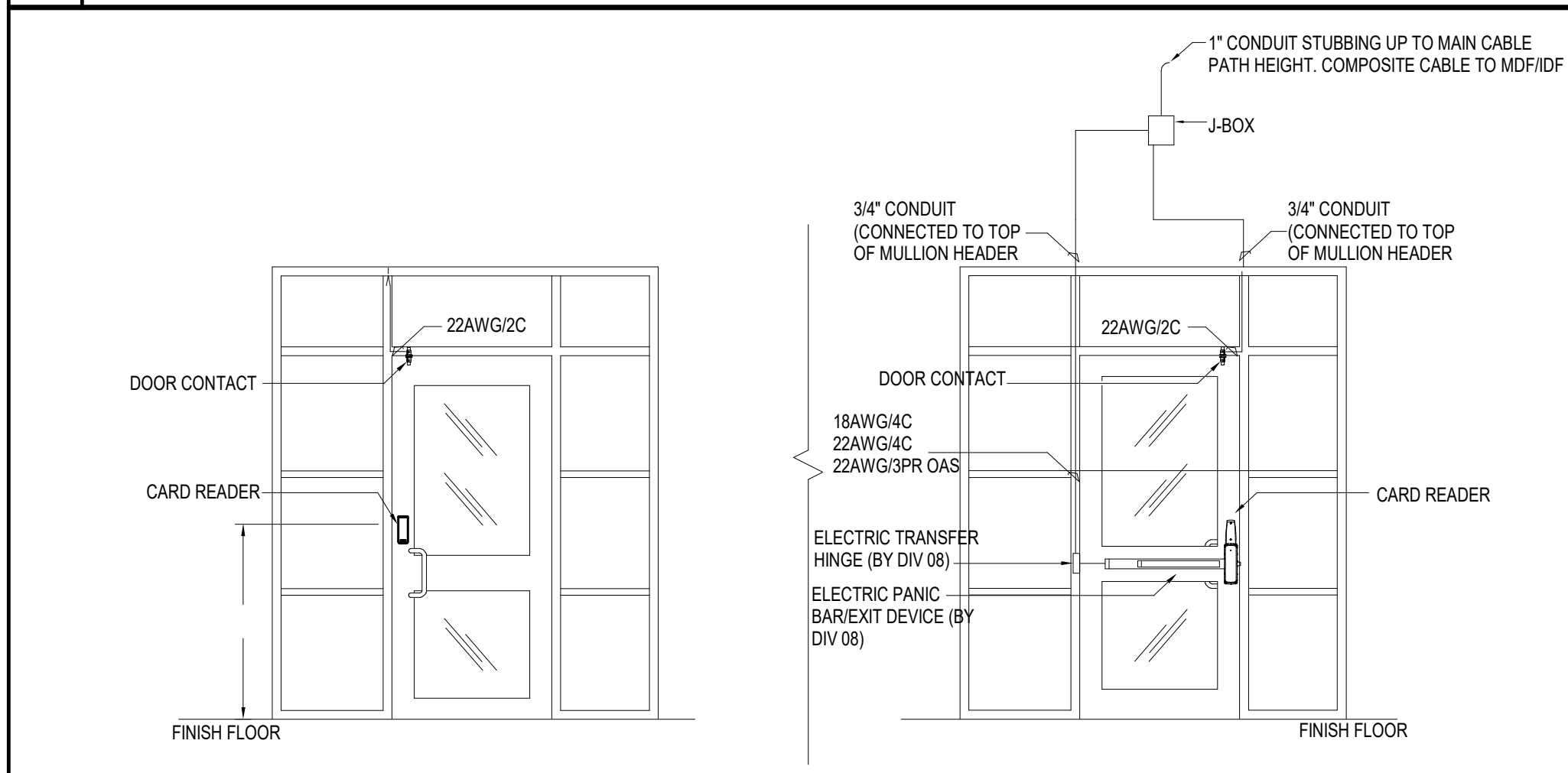
02 DOOR MOUNTED CARD READER - STORE FRONT

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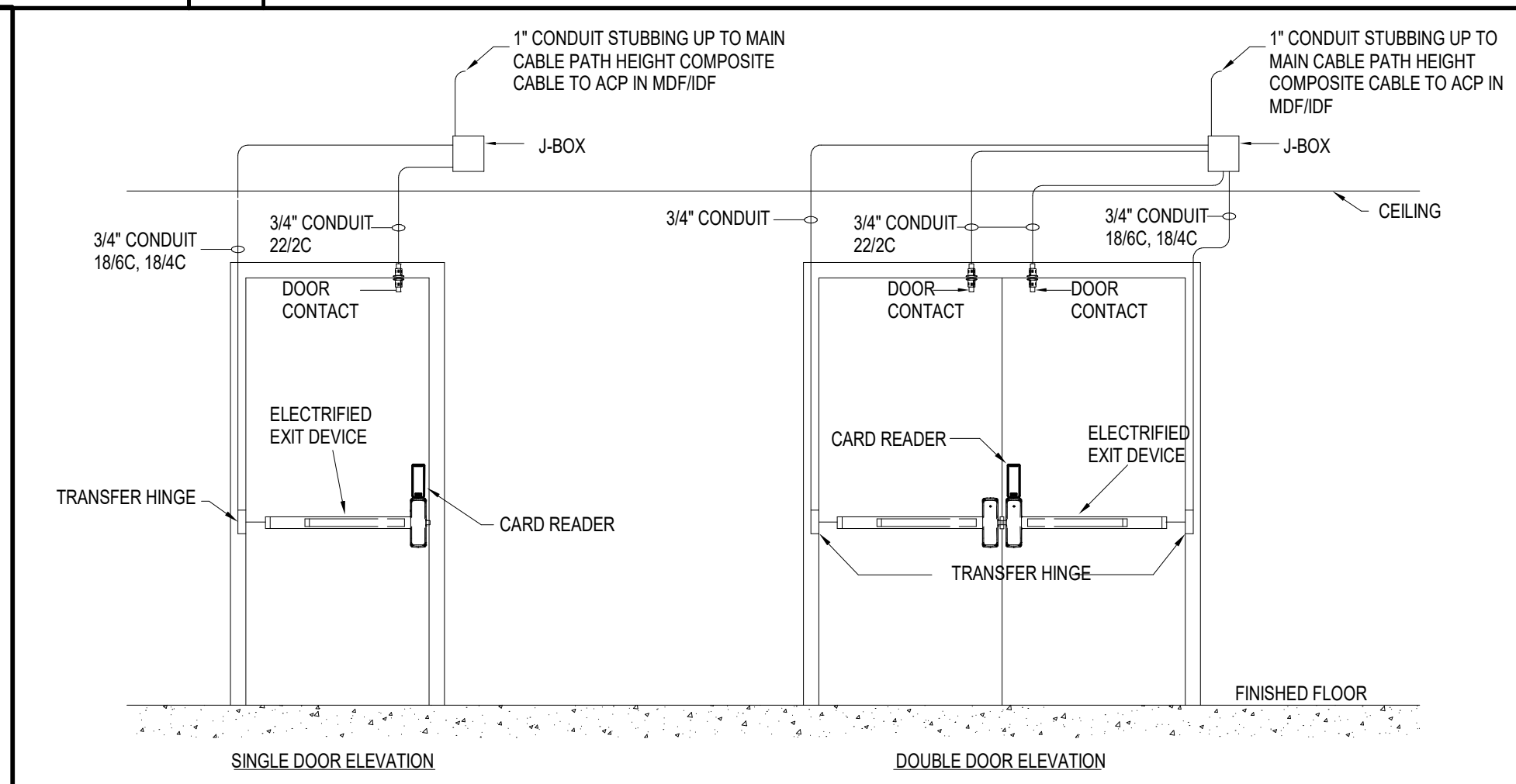
03 DOOR STATION - KITCHEN DOOR

NOT TO SCALE



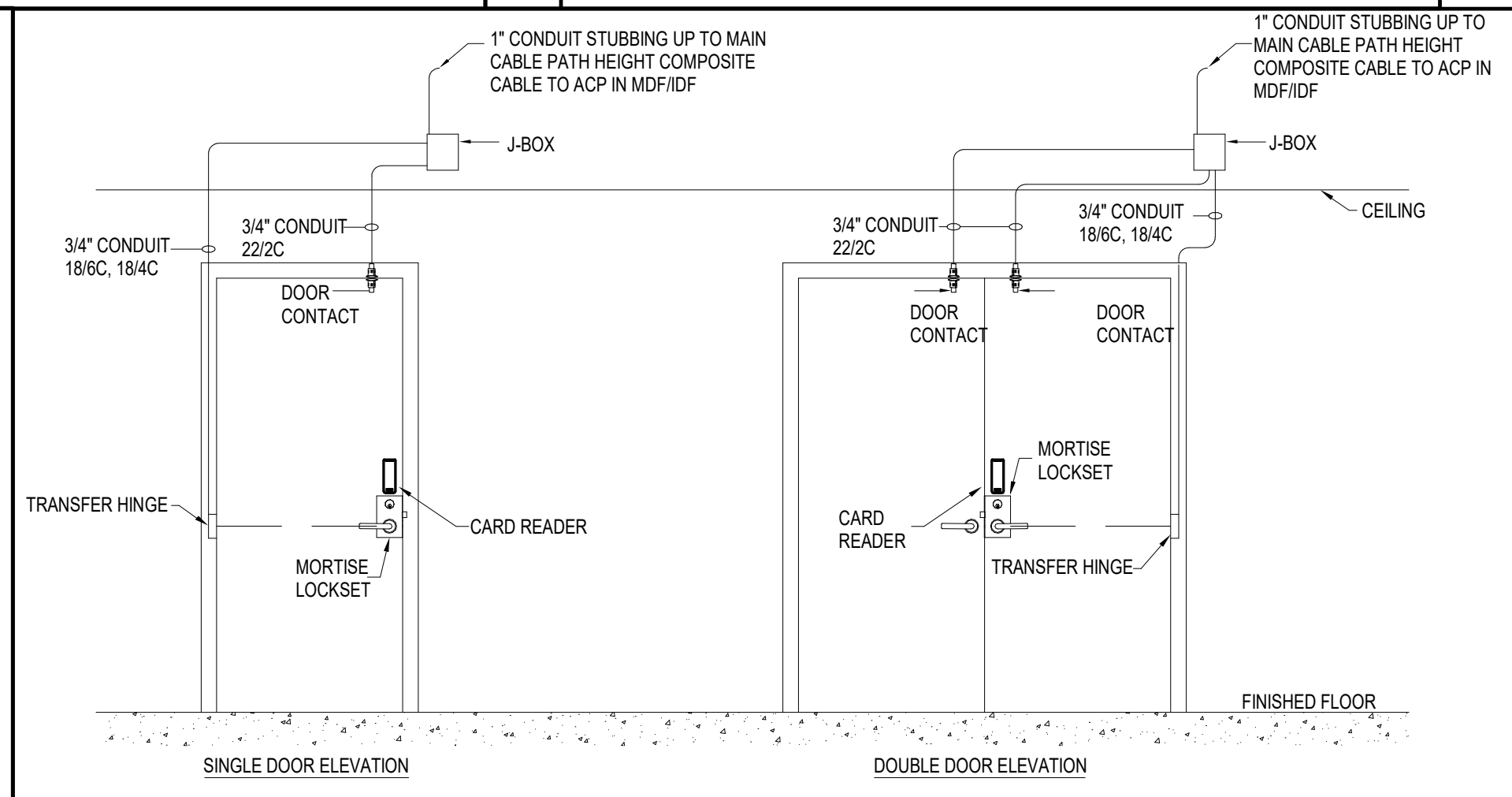
04 DOOR MOUNTED CARD READER - STORE FRONT - SINGLE

NOT TO SCALE



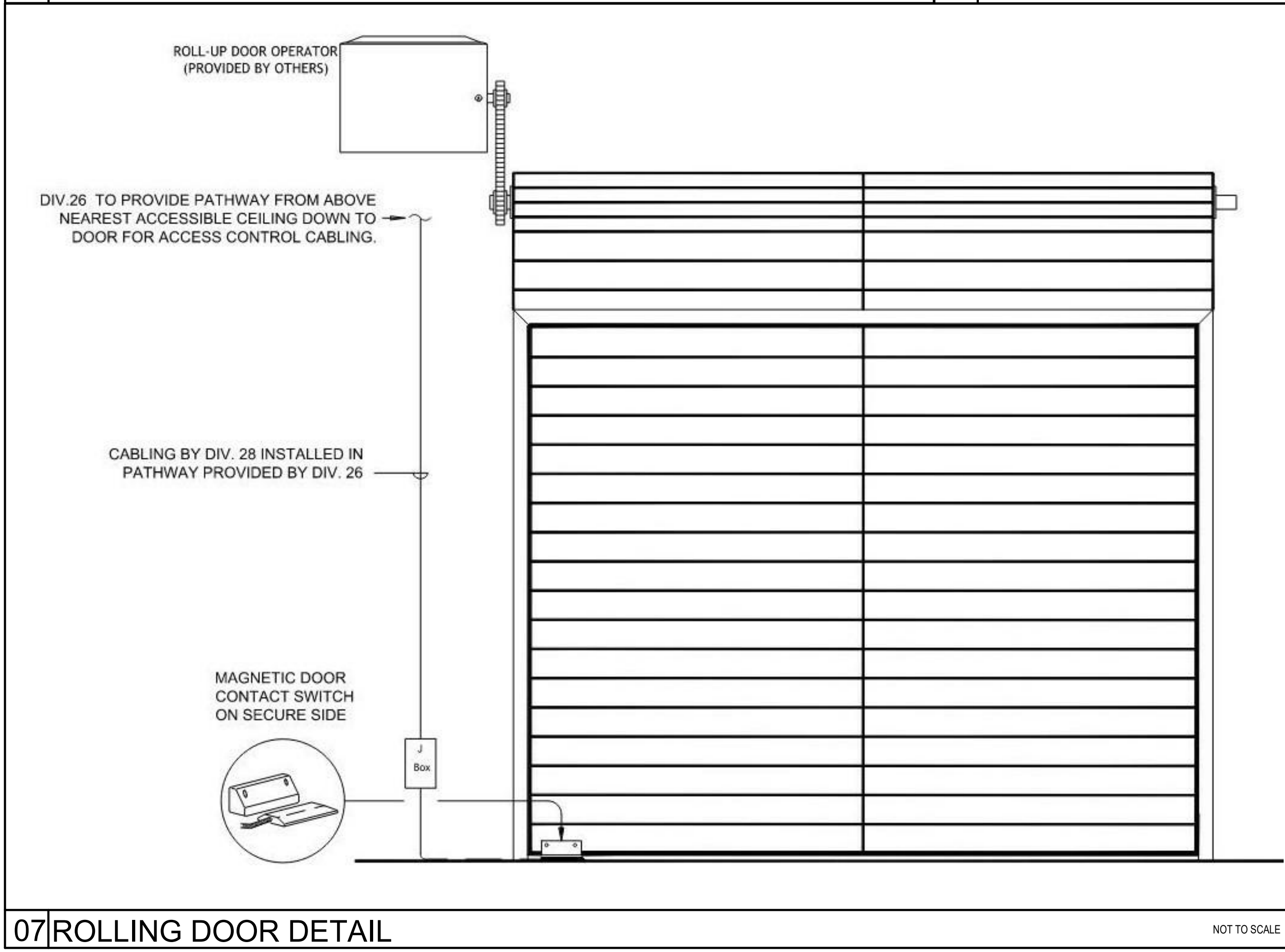
05 CARD READER HOLLOW METAL DOORS

NOT TO SCALE



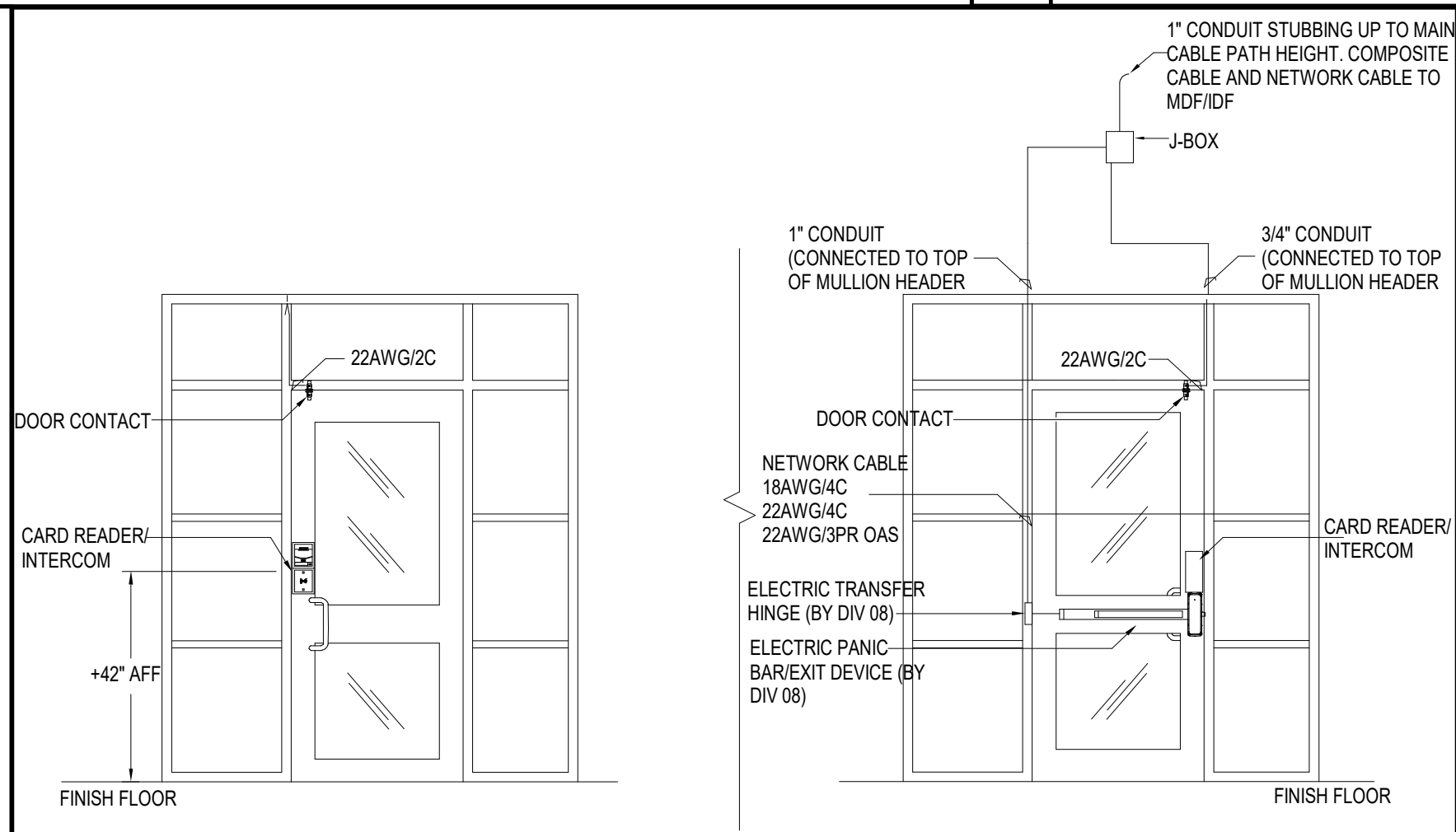
06 CARD READER - MORTISE

NOT TO SCALE



07 ROLLING DOOR DETAIL

NOT TO SCALE



08 DOOR STATION - STORE FRONT SINGLE

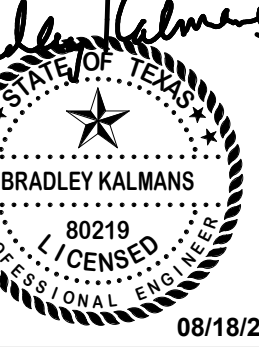
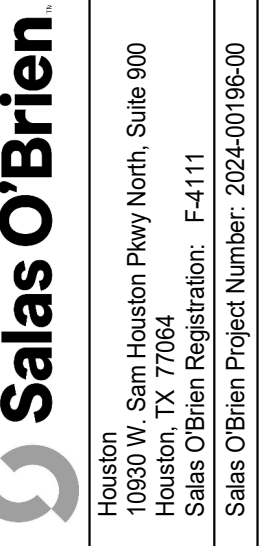
NOT TO SCALE

Date

Revision /

2024 BRIDGELAND HS ADDITION & RENOVATIONS
FOR
CYPRESS-FAIRBANKS ISD
10707 MASON RD, CYPRESS, TX 77433

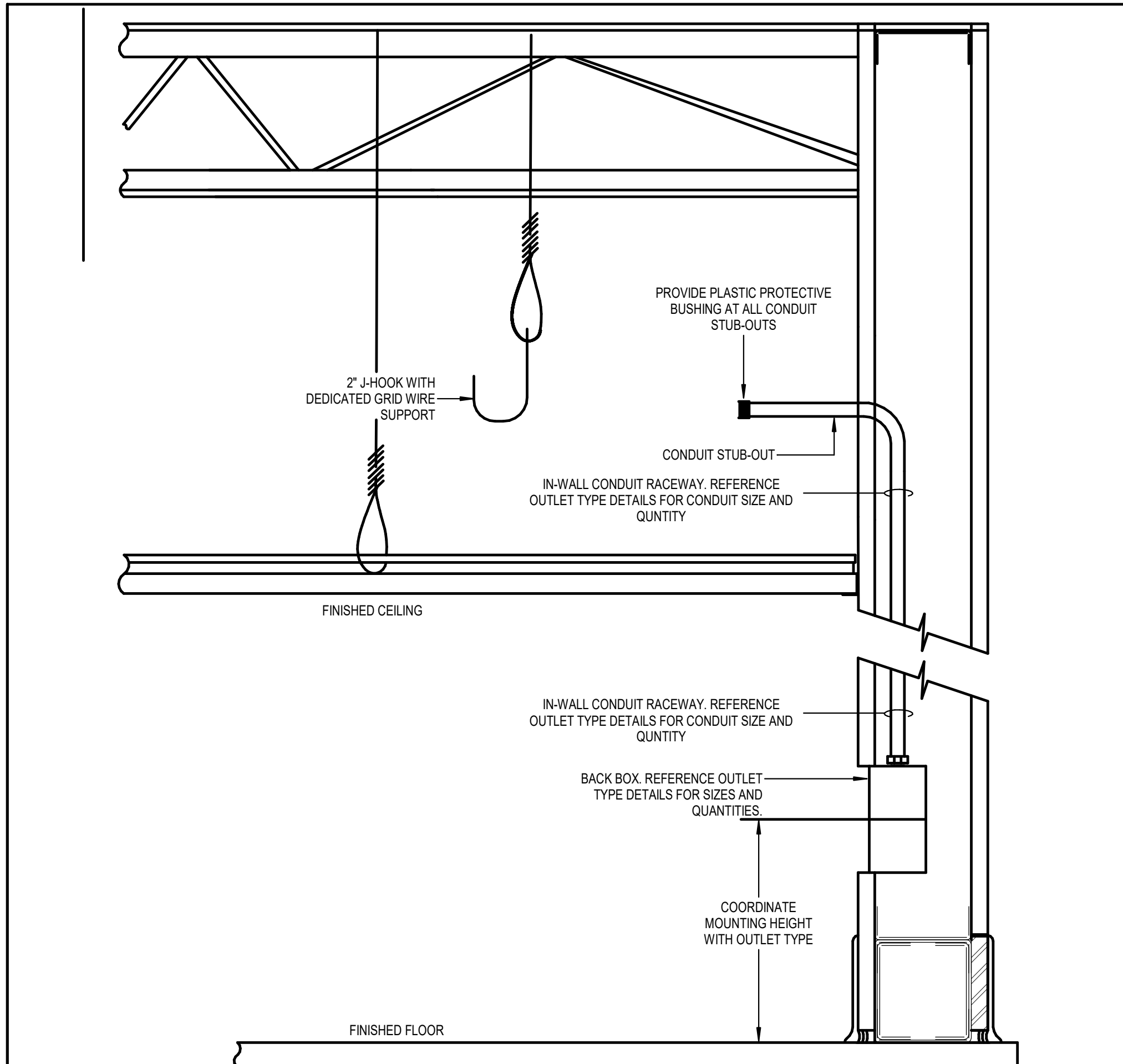
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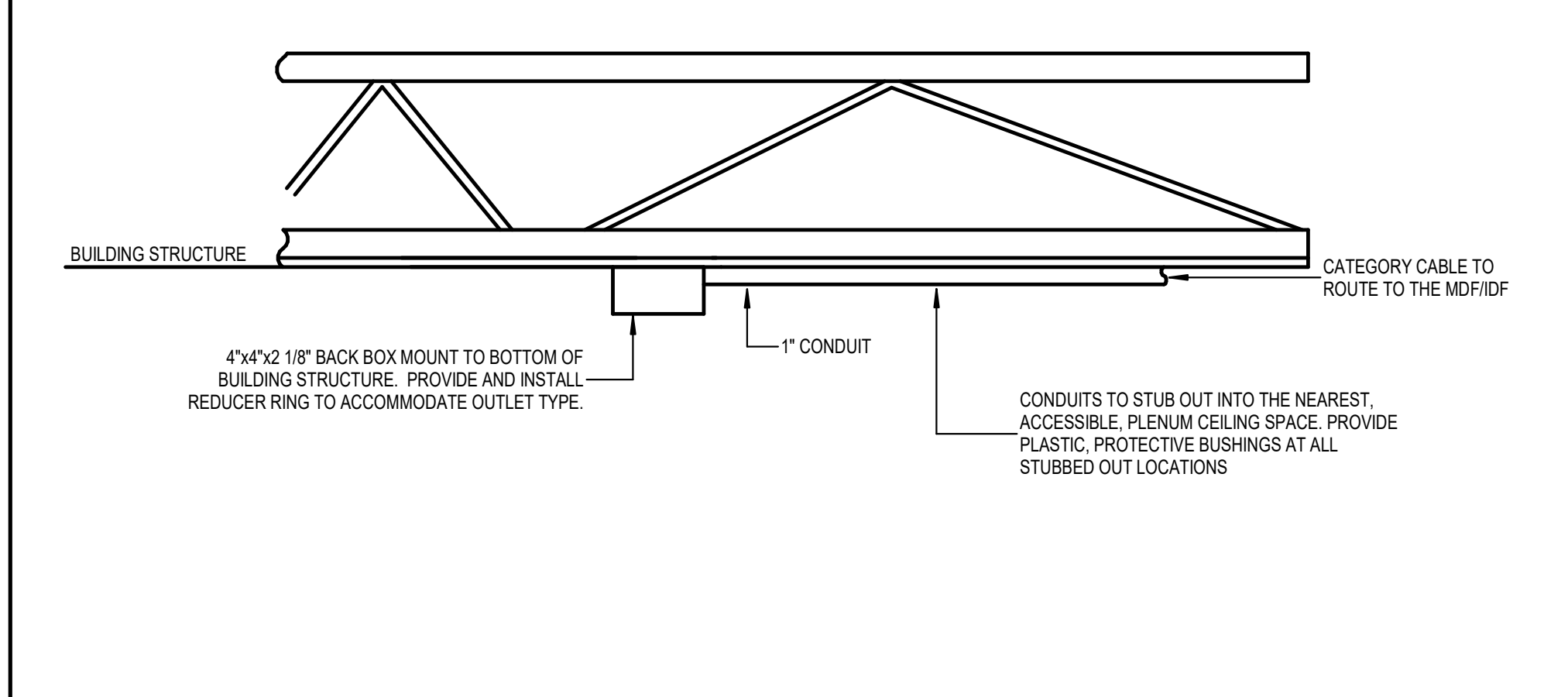
Huckabee
www.huckabee-inc.com
800.687.1229

TECHNOLOGY DETAILS

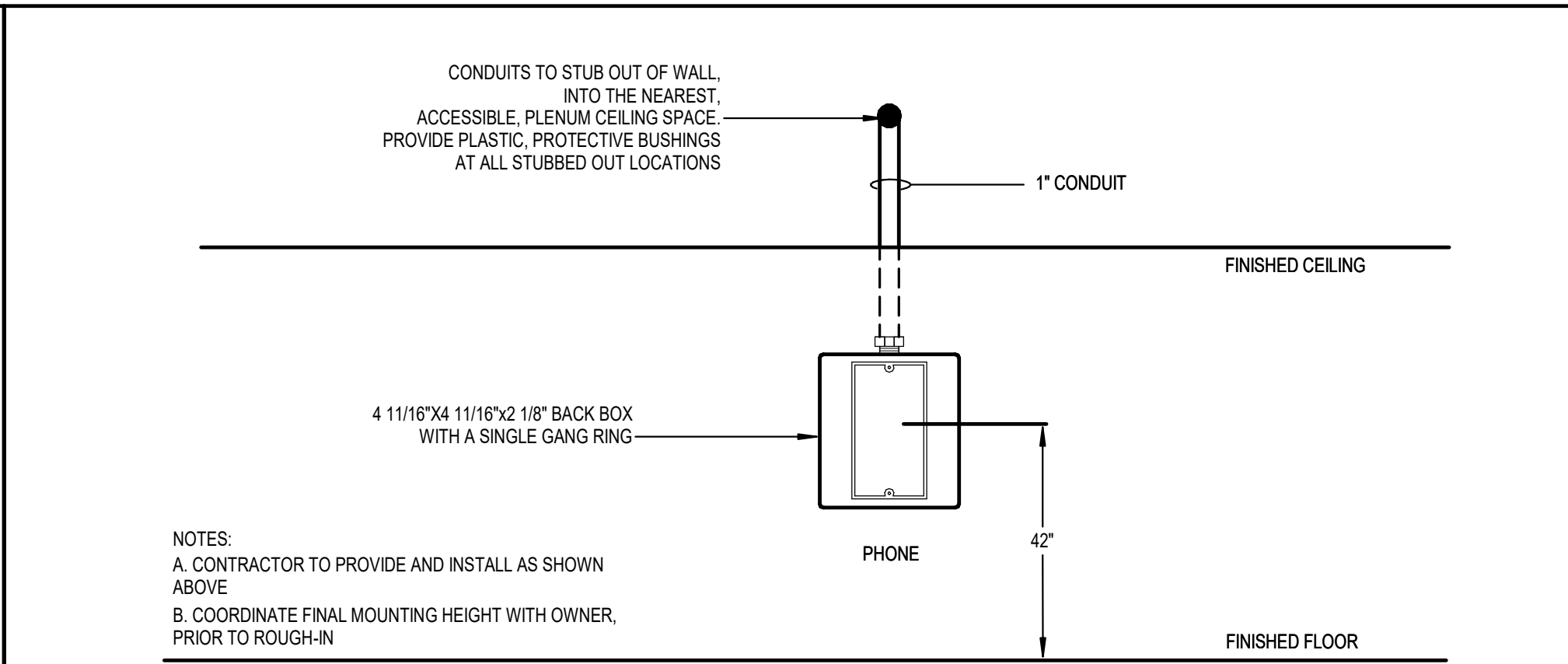
Job No.
01818-07-01
Sheet No.
T5.04
Drawn By:
NY
Date:
06/18/2025



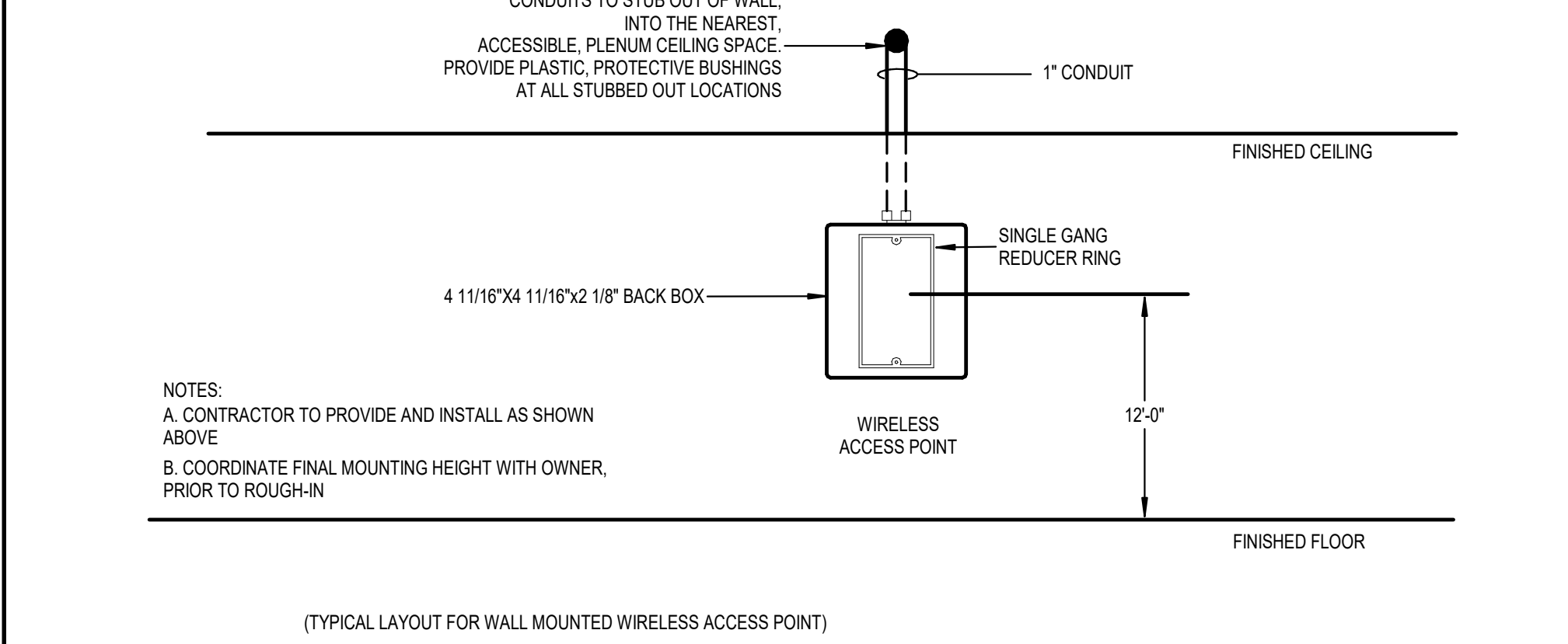
01 LOW VOLTAGE ELEVATION - IN-WALL RACEWAY NOT TO SCALE



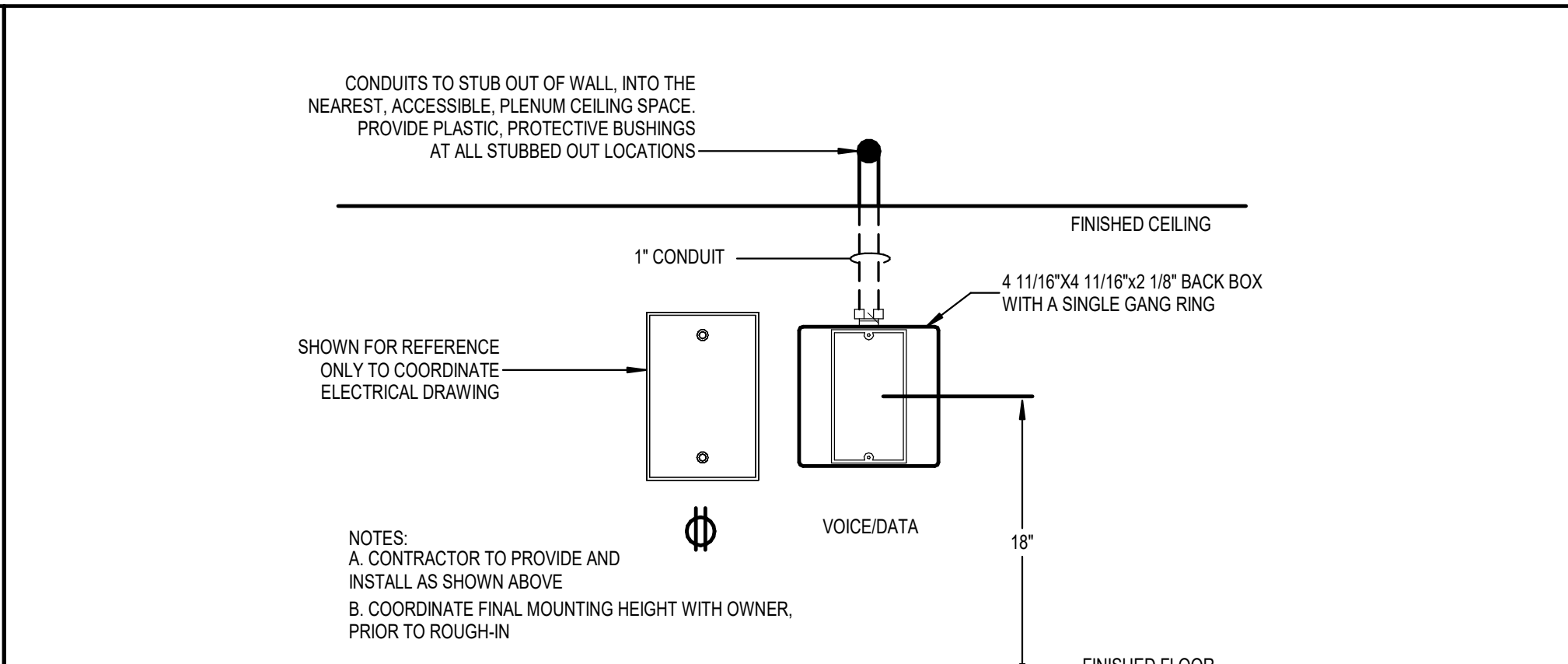
06 OPEN CEILING STRUCTURAL SURFACE MOUNT OUTLET NOT TO SCALE



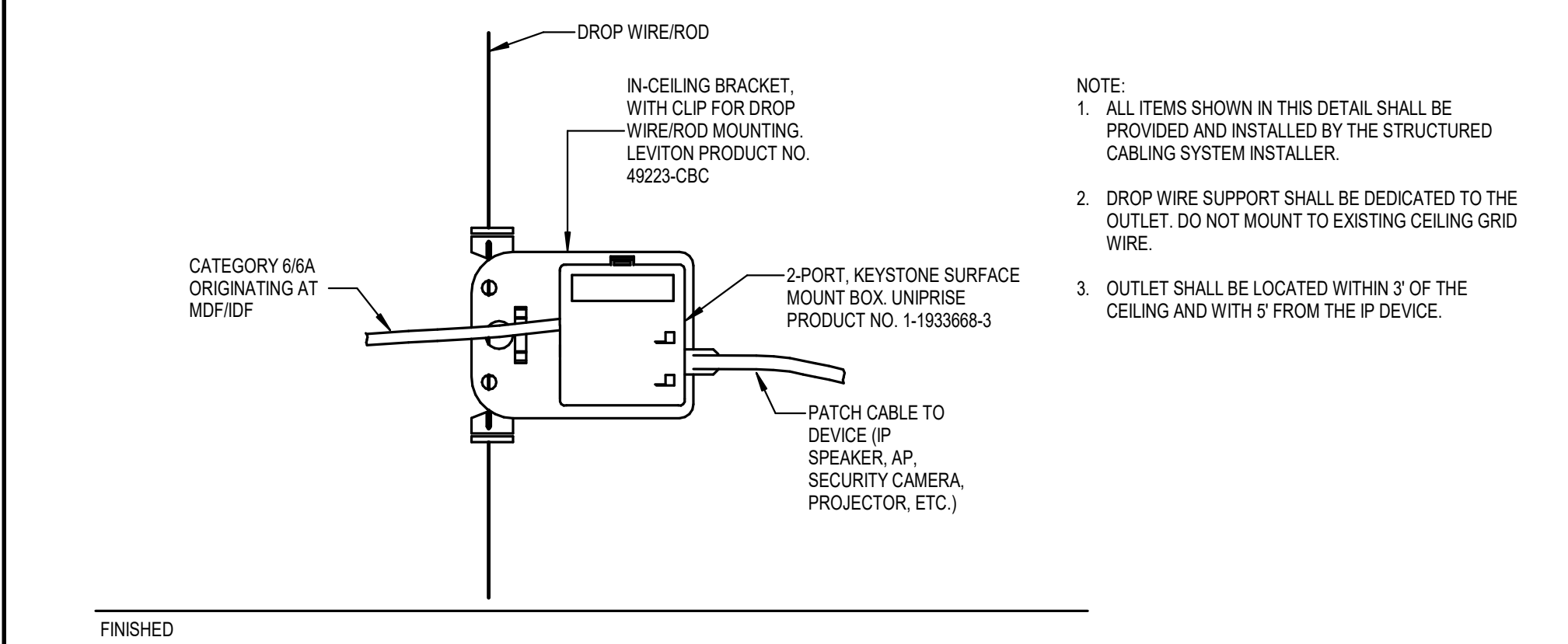
02 RACEWAY DETAIL - WALL MOUNTED TELEPHONE NOT TO SCALE



04 RACEWAY DETAIL - WALL MOUNTED WIRELESS AP NOT TO SCALE



03 RACEWAY DETAIL - TYPICAL VOICE/DATA OUTLET NOT TO SCALE



05 ABOVE CEILING STAND ALONE OUTLET NOT TO SCALE