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CSP 26-028KB (BP012) – ADDENDUM No.01
Field House and Athletics Renovations

FOR

Fort Bend Independent School District
2023 Bond Program

To access the complete Addendum:

https://fortbendisd.bonfirehub.com/portal/

Reviewed By: DocuSigned by: Amanda Janek C5C38D2180664C4... 1/22/2026
PROJECT MANAGER

Reviewed By: Signed by: Ryan Kiefer 1F973D1CC91A41D... 1/22/2026
DESIGN MANAGER

Reviewed By: Signed by: Brenda Garcia E7E6BD96D7C742E... 1/22/2026
CONSTRUCTION MANAGER

Approved By: Signed by: Daniel Bankhead AABFCACAF7E9453... 1/22/2026
DESIGN AND CONSTRUCTION EXECUTIVE DIRECTOR

Approved By: Signed by: DF25ADA7E416421... 1/22/2026
DIRECTOR MATERIALS MANAGEMENT

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pfluger

ADDENDUM NO. 1

FOR: BP012 FIELD HOUSE & ATHLETIC RENOVATIONS AT 10 HS'S
FOR
FORT BEND ISD
16431 Lexington Blvd
Sugar Land, TX 77479

TO: DRAWINGS AND SPECIFICATIONS DATED: December 04, 2025

PREPARED BY: PFLUGER ARCHITECTS, L.P.

ADDENDUM DATE: January 14, 2026

PROJECT NO. 26-028 KB BP012

This addendum shall be considered part of the Bid Documents for the above named project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Bid Documents, this Addendum shall govern and take precedence.

Bidders are hereby notified that they shall make any necessary adjustments in their estimates as a result of this Addendum. It will be construed that each bidder's proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

Addendum No.1 consists of the following:

Pg. 1 ADD NO.1 FRONT END DOCUMENT
Pg. 2-8 ADD. NO. 3 NARRATIVE
Pg. 9-13 GENERAL ITEMS
Pg. 14-50 SPECIFICATIONS
Pg. 51-59 CIVIL SHEETS
Pg. 60-66 STRUCTURAL SHEETS
Pg. 67-129 ARCHITECTURAL SHEETS
Pg. 130-138 ELECTRICAL SHEETS
Pg. 139-147 PLUMBING SHEETS

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CLARIFICATION AND BIDDER QUESTIONS:

1. Addendum #1:

Specification or Drawing modifications in this Addendum, are to attached documents.

All substitution requests for products please submit the product via Alternate #2 – Deviation Request Form.

GENERAL ITEMS:

ITEM	SUBJECT		DESCRIPTION
G1-1	PUBLISHERS AFFIDAVIT		Publishers Affidavit 12/09/2025 and 12/16/2025
G1-2	SIGN IN SHEET		FBISD Preproposal Teams meeting on 01/06/2026 at 2:00 pm
G1-3	SIGN IN SHEET		Pre bid walk on 01/07/2026 & 01/08/2026 from 9:00 am

SPECIFICATIONS:

ITEM	SECTION		DESCRIPTION
S1-1	00 01 10		Table of Contents Section is REVISED to reflect the specification sections being issued as part of Addendum #1.
S1-2	00 01 10.1		TOC ARCHITECT Section is REVISED to reflect the architectural specification sections being issued as part of Addendum #1.
S1-3	03 01 37		CONCRETE SLAB MOISTURE EMISSIONS REMEDIATION -Section is a NEW section.
S1-4	03 54 00		SELF LEVELING UNDERLAYMENT Section is a NEW section.
S1-5	10 51 13		METAL LOCKERS The titles of paragraphs 2.03, 2.04, 2.05 are REVISED. Paragraph 2.03.1 is REVISED
S1-6	11 31 13		APPLIANCES AND COMMERCIAL EQUIPMENT Paragraph 2.02.D is REVISED. Paragraph 2.02.E is ADDED. Paragraph 2.02.F is ADDED.
S1-7	11 68 50		Revised field events manufactures and added Pole Vault concrete runways n
S1-8	32 18 23.21		Revised tennis surfacing manufactures.

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S1-9	32 31 13.20	Revised Tennis chain link fence information and windscreen manufacturer.

DRAWINGS

ITEM	SHEET		DESCRIPTION
D1-01	C1.01-A		CIVIL SPORTS SITE PLAN - Added dimensions.
D1-02	C1.01-B		CIVIL SPORTS SITE PLAN - Added dimensions.
D1-03	C1.01-H		CIVIL SPORTS SITE PLAN - Added dimensions.
D1-04	C1.01-M		CIVIL SPORTS SITE PLAN - Added dimensions.
D1-05	C1.01-R		CIVIL SPORTS SITE PLAN - Added dimensions.
D1-06	C1.01-T		CIVIL SPORTS SITE PLAN - Added dimensions.
D1-07	C1.01-W		CIVIL SPORTS SITE PLAN - Added dimensions.
D1-08	C 1.02-E		CIVIL SPORTS SITE PLAN - B - Added dimensions.
D1-09	C 1.03-E		CIVIL SPORTS SITE PLAN - C - Added dimensions.
D1-10	S2.01-D		CMU WALL LOCATION WAS UPDATED
D1-11	S2.02-D		CMU WALL LOCATION WAS UPDATED
D1-12	S3.11-E		NOTE 4 AT DETAIL 17 WAS ADDED,NOTE 6 AT DETAIL 18 WAS ADDED
D1-13	S2.11-H		CMU WALL THICKNESS WAS UPDATED
D1-14	S2.21-H		CMU WALL LOCATION WAS UPDATED
D1-15	S4.01-H		4" WALL SCHEDULE WAS ADDED IN DETAIL 20
D1-16	S2.03-M		CMU WALL LOCATION WAS UPDATED
D1-17	G0.03-A		LEVEL 01- CODE PLAN: Code Analysis Updated
D1-18	A0.01-A		PARTITION TYPES Sheet Added to show partition types in the project
D1-19	AD.00-A		01 DEMO FLOOR PLAN - A : Extent of Note 11 Updated
D1-20	A1.00-A		OVERALL SITE PLAN -A : Concrete Pole Vault pad removed from scope, Note 03 removed
D1-21	A1.01- A		SITE DETAILS TRACK AND FIELD - A : Concrete Pole Vault pad removed from scope
D1-22	A2.01-A		01 GYM LOCKERS FLOOR PLAN - A -Updated Elevation of Locker type -Key Notes Updated -Locker Bench layout updated and size updated in the Speciality equipment schedule -Added Hand Dryers near the Shower area - Updated TA-14 A location -Locker Type A1 Updated to six tier and A4 updated size
D1-23	A8.00-A		DOOR SCHEDULE - Removed details

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D1-24	A9.00-A		FINISH FLOOR PLAN GYM LOCKERS : Finish Floor plan updated for Shower area to receive Tiles for the full height of the New CMU walls
D1-25	A9.01-A		INTERIOR ELEVATIONS GYM LOCKERS: Elevations Updated to show the Tiles wrapping full height
D1-26	A9.03-A		MATERIAL & ROOM FINISH SCHEDULE : Schedule Updated to show Locker bench material,Door paint color, Shower Tiles and Exterior Finishes
D1-27	G0.03-B		LEVEL 01 - CODE PLAN: -Updated Code Analysis
D1-28	A9.00-B		MATERIAL SCHEDULE & INTERIOR DETAILS: - Added Flooring Transitions - Updated Color of Walkoff carpet
D1-29	G0.03-D		LEVEL 01 - CODE PLAN: -Updated Code Analysis
D1-30	A0.01- D		PARTITION TYPES Partition type M updated to show the wall extended to deck. New CMU walls added will have a 16" portion of the wall going to deck
D1-31	AD.00-D		01 DEMO PLAN - GYM LOCKER ROOM -Trenching layout updated -Note Added - Sheet Number Updated
D1-32	A2.00-D		01 FLOOR PLAN - GYM LOCKER ROOM -Locker Type name Updated from A6 to A5 Size remains same -Bench size updated, added benches - Note added for New Epoxy Flooring -Type A4 Lockers updated size
D1-33	A2.01-D		02 FLOOR PLAN - SECOND FLOOR WEIGHT ROOM -Exit Sign added
D1-34	A9.00-D		Material Schedule Updated to show Full height Tile to wrap the new CMU walls in New showers and restrooms -Updated Resilient Floorign Material -Updated Paint Schedule
D1-35	A9.01-D		Finish Plan Updated
D1-36	G0.03-E		LEVEL 01 -CODE PLAN FIELD HOUSE RESTROOM Added sheet- Updated Code Analysis
D1-37	G0.04-E		LEVEL 01 -CODE PLAN FIELD HOUSE Added sheet- Updated Code Analysis
D1-38	A1.01-E		TRACK AND FIELD - Key Notes Updated

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D1-39	A2.00-E		ALTERNATE NO. 4 - 01 FLOOR PLAN - FIELD HOUSE RESTROOM - Extent of Tile Updated
D1-40	A2.01-E		01 FLOOR PLAN - FIELD HOUSE -Benches Added,Updated Bench Sizes and Key Notes Updated
D1-41	A8.00-E		DOOR SCHEDULE AND DETAILS -Door panel sheet notes updated
D1-42	A9.00-E		MATERIAL AND ROOM FINISH SCHEDULE -Updated Material Schedule
D1-43	G0.03-H		LEVEL 01 PLAN CONCESSIONS CODE REVIEW -Code Sheet Updated to show Egress Path
D1-44	G0.04-H		LEVEL 01 PLAN GYM LOCKERS CODE REVIEW -Code Sheet Updated to show Egress Path
D1-45	G0.05-H		LEVEL 01 FIELD HOUSE CODE REVIEW -Code Sheet Updated to show Egress Path
D1-46	A1.00-H		ARCHITECTURAL SITE PLAN- -Extended Concrete pavement, moved Grease trap location
D1-47	A1.02-H		ENLARGED SITE PLAN -Fire Lane paint note added and concretepavement Extended. -Added Control Joints for New Concrete pavement
D1-48	A2.01-H		01 FLOOR PLAN GYM- - Existing Wire mesh partition to be replaced with New 8' CMU walls -New CMU Walls added in liue of Wire Mesh Partitions -New HM doors added - ADA locker location updated - Updated Bench sizes and location -Updated Locker Count and Types -Added Head Coaches office to the scope to receive New Epoxy Flooring -New Epoxy Flooring Note Update
D1-49	A2.02- H		01 FLOOR PLAN FIELD HOUSE - Locker replacement scope is removed from the project. All Existing Lockers to remain -Added New Drinkign water fountain with Hi Low bottle filler added to Freshman -Floor Plan Notes Updated
D1-50	A9.00-H		01 FINISH FLOOR PLAN CONCESSION -Finish Plan Updated to haveTile Height in Showers is Updated to be full height
D1-51	A9.01-H		01 FINISH FLOOR PLAN GYM: -Tile Height in Showers is Updated to be full height - Head Coaches Office shall receive Epoxy -Coaches office Flooring material Updated
D1-52	A9.02-H		FINISH PLAN FIELD HOUSE AND INTERIOR ELEVATIONS -Tile Height in Showers is Updated to be full height

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D1-53	A9.10-H		CONCESSION INTERIOR ELEVATIONS -Tile Height Updated to be full height on all elevations -Paper Towel Dispenser added
D1-54	A9.11-H		MATERIAL SCHEDULE & ROOM FINISH SCHEDULE -Material schedule updated
D1-55	A1.03-K		ALTERNATE NO.5 - SITE DETAILS TENNIS COURT -Added New Court Benches with Cabana
D1-56	A2.00-K		01 FLOOR PLAN - FIELD HOUSE - Updated Layout of Showers -Added Benches and Updated the Bench sizes
D1-57	A3.00-K		01 ENLARGED RESTROOM PLANS -Updated Layout
D1-58	A9.00-K		MATERIAL SCHEDULE & INTERIOR DETAILS -Updated Material Schedule
D1-59	A9.01-K		01 FINISH PLAN CONCESSIONS AND INTERIOR ELEVATIONS -Updated Tile height to Full height of wall
D1-60	A9.02-K		01 FINISH PLAN FIELD HOUSE AND INTERIOR ELEVATIONS -Updated Tile height to Full height of wall
D1-61	A1.02-M		SITE DETAILS TENNIS COURT -Added New Court benches and cabanas
D1-62	A2.01-M		01 FLOOR PLAN FIELD HOUSE -Updated the Bench sizes
D1-63	A2.02-M		01 FLOOR PLAN GYM LOCKER -Updated Bench Sizes -Updated Locker Layout -Update Locker Type Elevation for A1 and Updated size of A4
D1-64	A9.00-M		01 CONCESSION FINISH FLOOR AND INTERIOR ELEVATIONS -Updated Finish Floor plan walls to receive tiles to full height of wall
D1-65	A9.01-M		01 FINISH FLOOR PLAN GYM LOCKERS -Updated Finish Floor plan walls to receive tiles to full height of wall
D1-66	A9.02-M		01 FINISH FLOOR PLAN FIELD HOUSE -Updated Finish Floor plan walls to receive tiles to full height of wall
D1-67	A9.04-M		MATERIAL AND ROOM FINISH SCHEDULES -Updated Material and Finish Schedule
D1-68	A2.00-R		01 FLOOR PLAN - FIELD HOUSE -Added Benches and Updated the Bench sizes
D1-69	A2.02-R		MATERIAL SCHEDULE & INTERIOR DETAILS -Updated Material Schedule
D1-70	G0.03-T		LEVEL 01 CODE PLAN COMPETITION GYM -Egress path and travel distance updated
D1-71	A2.01-T		01 FLOOR PLAN FIELD HOUSE LOCKERS -Updated Bench sizes
D1-72	A9.00-T		MATERIAL SCHEDULE & INTERIOR DETAILS -Updated Material Schedule

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D1-73	G0.03-W		01 CODE PLAN - FIELD HOUSE -Added egress path and Travel distance
D1-74	A1.00-W		ARCHITECTURAL SITE PLAN -Added Shotput rink -Added Long Jump pits and Pole vault track for resurfacing track
D1-75	A1.01-W		SITE PLAN TENNIS COURT AND DISCUSS -Updated Key Notes
D1-76	A1.02-W		SITE PLAN - FOOTBALL FIELD AND PRESSBOX -Updated Key Notes
D1-77	A1.03-W		SITE PLAN - BALL FIELDS AND PRESSBOX -Updated Key Notes
D1-78	A2.00-W		01 FLOOR PLAN - FIELD HOUSE TRAINING ROOM -Updated Key Notes
D1-79	A9.01-W		MATERIAL AND ROOM FINISH SCHEDULES -Added Material and Fisnish Schedule
D1-80	E3.01-A		Detail 3, move disconnect/transformer TLS/panel LS 5'-0" north; move duplex receptacle on east and west walls north 4'-6".
D1-81	E4.01-D		Add detail 6 for new Weight Room exit signs.
D1-82	E3.03-H		Move electrical connections for CP-1 and EWH-1 from Custodial 105 to Storage 103.
D1-83	E3.04-K		Move electrical connections for CP-1 and EWH-1 from Custodial 104 to Storage 103.
D1-84	E3.03-M		Move electrical connections for CP-1 and EWH-1 from Custodial 105 to Storage 103.
D1-85	E2.01-R		Detail 6, add the following to transformer TLS: 480V: 120/208V 3PH 4W; Detail 9, move Panel LS to east wall and move transformer and disconnect
D1-86	E1.01-T		Move transformer TLS, Panel LS, and disconnect to northeast corner; Revise underground conduit routing from fieldhouse to new storage building.
D1-87	E1.01-W		Add details 5, 6, 7 for pressbox lighting; Revise titles and numbering for details 2, 3, & 4; Add keyed notes 4 and 5.
D1-88	E2.01-W		Add detail 2 for lighting controls elevations; Add Lighting Controls Schedule and Lighting Fixture Schedule.
D1-89	P0.01-D		Added existing HW and CW domestic utilities for demolition scope. Added existing
D1-90	P2.01-D		New domestic HW and CW updated to accommodate change in shower locations.
D1-91	P5.02-E		Added flush valve trap primer detail #10.
D1-92	P2.01-H		Added keynotes to call out connection-to-existing for HW and CW utilities.
D1-93	P2.03-H		Updated loction of EWH-1. Rerouted domestic HW and CW service thru building to
D1-94	P6.01-H		Updated schedule for DF-1; removed bottle filling and mechanical cooling.
D1-95	P3.02-K		Renumbered veiws on sheet to show Sanitary underfloor as View 1 and domestic
D1-96	P5.01-K		Updated schedule for DF-1; removed bottle filling and mechanical cooling.
D1-97	P2.04-M		Updated loction of EWH-1. Rerouted domestic HW and CW service thru building to

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12/09
12/16

Fort Bend ISD
CSP 26-028kB BP012

PUBLISHER'S AFFIDAVIT

THE STATE OF TEXAS §
COUNTY OF FORT BEND §

Before me, the undersigned authority, on this day personally appeared David Rigas who being by me duly sworn, deposes and says that he is the Publisher of *Fort Bend Herald* and that said newspaper meets the requirements of Section 2051.044 of the Texas Government Code, to wit:

1. it devotes not less than twenty-five percent (25%) of its total column lineage to general interest items;

2. it is published at least once each week;

3. it is entered as second-class postal matter in the county where it is published; and

4. it has been published regularly and continuously since 1959.

5. it is generally circulated within Fort Bend County.

Publisher further deposes and says that the attached notice was published in said newspaper on the following date(s) to wit:

12/09 & 16

_____

_____, A.D. 2025

_____
David Rigas
Publisher

SUBSCRIBED AND SWORN BEFORE ME by David Rigas, who

__X__ a) is personally known to me, or

_____ b) provided the following evidence to establish his/her identity, _____

on this the 22 day of December, A.D. 2025
to certify which witness my hand and seal of office.

_____
Notary Public, State of Texas

REBEKAH RAMOS
Notary Public, State of Texas
Comm. Expires 10-05-2027
Notary ID 134590405

(CLIPPING) (S)

FORT BEND ISD, in accordance Texas Education Code 44.031, Texas Government Code 2254, and Texas Government Code 2269, is soliciting prospective bids CSP 26-028KB BP012 Field House and Athletic Renovations

Submissions will be due in BONFIRE Electronic Procurement Portal 1/29/2026 @ 2:00 P.M

Package "A" Base Bid and all documents except Alternates & SBE documents. DUE NO LATER THAN 2:00 PM Central Time (CST) January 29, 2026

Package "B" Alternates and Package "C" SBE. DUE NO LATER THAN 3:00 PM (CST) January 29, 2026

Bids will be opened and read aloud at 3:00 PM. Package "A" is still due at 2:00 PM (CST) and will be held by the District until the public opening at 3:00 PM (CST). LATE PROPOSALS WILL NOT BE ACCEPTED

After the deadline, Bonfire will not accept any submissions. Each Proposal shall be submitted using Fort Bend Independent School District BONFIRE Electronic Procurement Portal. Vendors may login to download specifications and submit their response at the following link: https://fortbendisd.bonfirehub.com/portal/. All Communication regarding this solicitation shall be with the assigned Buyer Kathleen Booker at: kathleen.booker@fortbendisd.gov

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FBISD
INSPIRE•EQUIP•IMAGINE
BUSINESS & FINANCE

CSP 26-028KB BP012 Field House and Athletic Renovations
Pre-Proposal Meeting Attendance List
Date and Time: 1/6/2026, 2:00 PM

SIGN IN SHEET

	Name	Company Name	Email
1	ICI Construction	ICI Construction	bids@iciconstructioninc.com
2	Bass Construction	Bass Construction	bids@bassconstruction.com
3	E Contractors	E Contractors	rfp@econtractors.com
4	Dunhill Construction	Dunhill Construction	valeria@dunhillconstruction.com
5	Bobby Allbritton	List Industries	BobbyAllbritton@listindustries.com
6	Prime Contractors	Prime Contractors	estimating@primecontractorsinc.com
7	Scott McCashland	M Scott Construction	scott@mscottconstruction.com
8	George Keen	VibraWhirl Sports, Ltd	gkeen2578@gmail.com
9	Oscar Pacas	Siplast	oscar.pacas@siplast.com
10	Jenn Griffith	Lott Brothers Construction Company	bids@lottbrothers.com
11	Rafael Chacin	Tarkett Sports (TSC) /FieldTurf	Rafael.Chacin@tarkettsports.com

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12	Chelsey Hieger	CourTex Construction	Chelsey@courtexconstruction.com
13	Stephen Kirby	Houston Steel Equipment	Estimating@houstonsteelequipment.com
14	Jeff Teetz	Tri-Co Mechanical	tricotx@gmail.com
15	Philip O'Neal	Paragon Sports	poneal@paragon-sports.com
16	Gordon Lavender	GTT Construction	estimating@gttconstruction.com
17	Prasad Nunna	Sterling Structures, Inc.	pnunna@sterlingstructures.com
18	Mike Adame	Pfluger Architects	mike.adame@pflugerarchitects.com
19	Catherine Peter	Pfluger Architects	Catherine.Peter@pflugerarchitects.com
20	Travis Alexa	Storage Equipment Co, Inc.	travis@secdfw.com
21	Damian Mora	Hi-Tek Sound & Signal, Inc.	damianm@hitek84.com
22	Kathleen Booker	FBISD	
23	Antoinette Lewis	FBISD	
24	Cory Branham	FBISD	
25	Jeanette Boleware	FBISD	
26	Ryan Kiefer	FBISD	

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FORT BEND INDEPENDENT SCHOOL DISTRICT BOND

FORT BEND INDEPENDENT SCHOOL DISTRICT
MEETING PURPOSE: Pre-Bid Walk - CSP 26-028KB, BP012 Field House Athletics Renovations

MEETING SIGN-IN SHEET
DATE/TIME: 01/07/2026
LOCATION: Multiple - See below list below

Name	Title	Organization	Telephone	E-mail	Bush HS 1	Travis HS 2	Austin HS 3	Kempner HS 4	Dulles HS 5	Marshall HS 6	Willowridge HS 7	Hightower HS 8	Ridge Point HS 9	Elkins HS 10
Cory Branham	APM	FBISD D&C	832-985-1371	cn_cory.branham@fortbendisd.gov	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bobby Allbritton	RSM	Light Industry	561-900-8404	Bobby.Allbritton@lightindustry.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Travis Olexa	RSM	Storage Equipment	713 898 5771	travis@SECDFW.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Marti Hill	Estimator	Houston Steel Locker Equipment	816 886 8032	estimating@houstonsteelequipment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Matt Tatum	APM	BASS CONST		bids@BASSCONSTRUCTION.com	✓									
Aldwin Vasquez	Bid Coordinator/Estimator	Econtractors	713-483-0581	rfp@econtractors.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Robert Buckley	Construction Super	Vibra-Whirl	806-881-1999	Estimator@vibrawhirl.com	✓	✓	✓	✓	✓	✓	✓		✓	✓
Angel Ortega	Estimator	IDR Demolition	337-707-6797	angel@idrdemo.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BERNIE MULVANEY	REC SALES	TARKETT SPORTS	281 546 0463	BERNARD.MULVANEY@TARKETTSPORTS.COM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tyler Eads	Sales Rep	H2i Group	832-732-2691	teads@h2igroup.com	✓	✓								
Jaxson Lyness	Est.	MPS		JLyness@mps-teamcom	✓									
Xavier Nieto	PM	GTT	936-648-0024	Estimating@gttconstruction.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jack Gray	Sales	DSC	9362033289	jgray@thinkdsc.com	✓	✓		✓		✓	✓			
WILL TOUCHY	SUPERINTENDENT	ICI	281-355-5151	BIDS@ICICONSTRUCTIONINC.COM	✓	✓	✓	✓	✓					
REID FINNSTROM	PROJ MGR	NAA SPORTS FLOOR	512-680-0555	RFINNSTROM@COVINGTON.COM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MARK CALVO	CONSULTANT	COMBS	8328592659	mark.calvo@combs-gray.com			—	✓	—	✓	✓	✓	✓	✓
Catherine Peter	Architect	Pfluger	432-886-8552	catherine.peter@pflugerarchitects.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Philip Dillard	Bus. Dev	Paragon	817-413-6679	Pdillard@paragon-sports.com	✓	✓	✓	✓		✓	✓	✓	✓	—
DIEGO CONTRERAS	CIVIL DESIGNER	TSCE	832 5779323	dcontreras@TEXSCE.com	—	✓	—	✓		✓	✓	✓	✓	—
MANUEL RAMIREZ	CIVIL ENG.	TSCE	281.444 3500	M.RAMIREZ@TEXSCE.com	✓	✓	—	✓						
DAN STEPHENS	PM	SALAS O'BRIEN	281-664-1900	DAN.STEPHENS@SALASOBRIEN.com	✓	✓	✓	✓						

List of Campuses:

1 Bush HS
2 Travis HS
3 Austin HS
4 Kempner HS
5 Dulles HS
6 Marshall HS
7 Willowridge HS
8 Hightower HS
9 Ridge Point HS
10 Elkins HS

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FORT BEND INDEPENDENT SCHOOL DISTRICT BOND

FORT BEND INDEPENDENT SCHOOL DISTRICT
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LOCATION: Multiple - See below list below

Name	Title	Organization	Telephone	E-mail	Bush HS 1	Travis HS 2	Austin HS 3	Kempner HS 4	Dulles HS 5	Marshall HS 6	Willowridge HS 7	Hightower HS 8	Ridge Point HS 9	Elkins HS 10
Mario Martinez	Lead	Hi-Tek		mmartinez@hitek84.com		✓	✓	✓	✓					
Damian Mora	BDM	Hi-TEK		damianm@hitek84.com		✓	✓	✓	✓	✓	✓	✓		
Jayson Lyness	Millennium			estimating@mps-team.com	✓	✓								
Valeria Barboza	Dunhill C.	Dunhill C.		valeria@dunhillconstruction.com						✓	✓	✓		
Jessie Rosales	~~PBL~~ Superintendent	ICI		bids@iciconstructioninc.com						✓	✓	✓	✓	✓
Marina Mulyca	Estimator	Dunhill		mmulyca@dunhillconstruction.com						✓	✓	✓		

List of Campuses:

1 Bush HS
2 Travis HS
3 Austin HS
4 Kempner HS
5 Dulles HS
6 Marshall HS
7 Willowridge HS
8 Hightower HS
9 Ridge Point HS
10 Elkins HS

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List of Specifications, As Prepared by:

pfluger

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Houston, TX 77046
P: 713-222-1141
pflugerarchitects.com

12/04/2025
1/14/26: ADDENDUM #1

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03 01 37 - CONCRETE SLAB MOISTURE EMISSIONS REMEDIATION *[ISSUED: ADDENDUM #1]*
03 35 00 - SEALED CONCRETE FINISH
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DIVISION 06 00 00 WOOD, PLASTICS & COMPOSITES
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DIVISION 07 00 00 THERMAL AND MOISTURE PROTECTION
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10 51 13 - METAL LOCKERS *[REVISED: ADDENDUM #1]*
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10 59 10 - ALUMINUM COUNTER SUPPORT BRACKETS
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11 31 13 - APPLIANCES AND COMMERCIAL EQUIPMENT *[REVISED: ADDENDUM #1]*

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SECTION 03 01 37 CONCRETE SLAB MOISTURE EMISSIONS REMEDIATION

Part 1 - General

1.01 Summary

A. Section Includes Procedures for remediation of unacceptable moisture vapor emissions and alkalinity levels at concrete slabs.

1.02 References

A. ASTM International (ASTM)

1. ASTM E96: Standard Test Methods for Water Vapor Transmission of Materials
2. ASTM F1869: Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.
3. ASTM F2170: Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes.
4. ASTM F710: Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring

1.03 Administrative requirements

A. Coordination

1. Related finish flooring systems for adhesives and surfaces compatibility with Moisture Vapor Emissions Remediation (MVER) system following shot blasting and application.

B. Pre-installation Meetings

1. Attendance: Contractor, installer, owner, architect, manufacturer's representative, and those requested to attend.
2. Meeting Time: Minimum 4 weeks prior to beginning work of this Section and work of related Sections affecting work of this Section, including prior to installation of finish flooring systems.
3. Location: Project Site.
4. Agenda: Confirm system and procedures suitable to mitigate moisture emissions and achieve intended expectations. Confirm tests required, compatibility of materials, protection of adjacent construction, and other procedures required for remediation.

C. Sequencing and Scheduling

1. Schedule and sequence work of this Section to achieve suitable concrete substrate for installation of finish flooring systems within Construction Progress Schedule Critical Path.
2. Schedule project to enclose building envelope minimum 60 days prior to installation of finish flooring systems. Where this is not practical or moisture vapor emissions, pH level, and relative humidity are above acceptable levels, conform to provisions of this Section in time to meet project construction schedule.

1.04 Action submittals

A. Product Data: Sheets (PDS): Product description, properties, characteristics, and other technical data for products use in remediation system.

B. Samples: Actual cured system showing thickness, color, and visual characteristics.

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1.05 Informational submittals

A. Safety Data Sheets (SDS).

B. Sample Warranty: Meet or exceed provisions specified by this Section.

C. Manufacturer's Instructions: Include installation instructions, special procedures, and conditions requiring special attention.

D. Manufacturer's Field Reports: Include project, date, environmental conditions, moisture and alkalinity levels, recommendations, and results as applicable and field report indicating acceptance on-site conditions for specified system by manufacturer's representative.

1.06 Quality Assurance

A. Manufacturer Qualifications:

1. Able to document minimum 5 year experience manufacturing and supplying Moisture Vapor Emission Reduction (MVER) systems conforming to criteria specified by this Section.

2. Able to document minimum 5 successful remediation projects where test data required remediation in order to meet adhesion and warranty provisions for finish flooring.

3. Maintain locally available testing, inspection, and technical representatives as required to determine procedures and confirm results.

B. Installer Qualifications:

1. Able to document not less than 5 year experienced in surface preparation and application of fluid-applied coating systems over concrete slabs.

2. Accepted by manufacturer as qualified to perform work of this Section.

C. Pre-application Testing:

1. Conduct testing by Owner's Independent Testing Agency of moisture vapor emission reduction system, per the following:

a. Subfloor moisture content measured with a Tramex moisture meter – Primary Method

b. Alkalinity of Concrete Substrate: Test to ASTM F710.

c. In Situ Relative Humidity of Slab: Test to ASTM F2170

d. Moisture Emission Test to ASTM F1869 accepted only when used secondarily to in situ relative humidity test method and Tramex moisture meter.

2. Use results of test data to verify criteria for system required for remediation work and as needed to meet manufacturer's requirements and warranty provisions of finish flooring systems.
Verify manufacturer's specific product system and make adjustments to that system as recommended by manufacturer.

3. Prepare pre-installation checklist of procedures necessary for testing, preparation, and protection of prepared concrete substrates necessary to meet remediation system manufacturer's warranty provisions.

D. Field Samples

1. Apply Moisture Vapor Emission Remediation (MVER) system over a minimum 6 by 6 foot square foot area at location as directed by Architect.

2. Provide additional site samples as required for acceptance and as required to show conformance to manufacturer's instructions and provisions of Contract Documents.

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3. Make tests for vapor emissions and alkalinity levels as necessary to confirm results.
4. Do not begin work of this Section until after testing and inspection by manufacturer's representative is complete and system is acceptance by Architect.
5. Protect and maintain accepted site sample as standard of quality for work of this Section.
6. Incorporate accepted site sample into work.

1.07 Delivery, storage, and handling

A. Product Delivery: Deliver in manufacturer's unopened protective packaging with manufacturer's identifying labels intact.

B. Store products in ventilated area, protected from dampness, freezing, direct sunlight, breakage, and damage from construction activities.

C. Store in area with ambient temperatures maintained between 50°F and 90°F.

1.10 Field conditions

A. Conform to following and other precautions as instructed by manufacturer.

B. Ambient Surface Conditions of Concrete:

1. Surfaces temperatures at least 5°F above dew point.
2. Surfaces dry and free of dampness and standing water.
3. Surfaces ambient temperature not below or expected to fall below 50°F within a 24 hours period.

C. Ventilation: Maintain application area well ventilated with free and continuous air movement during application and curing period.

1.11 Warranty

A. Manufacturer: Standard 10 year labor and materials Warranty against unacceptable levels of concrete internal relative humidity and surface moisture content.

PART 2: PRODUCTS

2.01 System

A. Moisture Vapor Remediation System: Epoxy resin based coating formulated to overcome and control unacceptable vapor emission levels and alkaline pH levels in concrete slabs to acceptable levels.

B. This Section does not apply where testing shows that Moisture Vapor Emissions Rates (MVER), relative humidity, surface moisture and alkalinity levels at concrete slabs are at acceptable levels.

C. This Section applies where testing of concrete slabs shows over 3 pound Moisture Vapor Emission Rates (MVER) as tested to ASTM F1869, between 4-6% moisture when measure using a Tramex moisture meter or internal relative humidity exceeding 75% as tested to ASTM F2170, except as otherwise accepted by manufacturer instructions and Architect.

1. Bring concrete slab systems into conformance to specified criteria specified by Division 03 and manufacturer warranty provisions for flooring systems to be installed.
2. Meet published requirements and to meet warranty criteria for acceptable moisture vapor transmission and alkalinity levels.

2.02 Manufacturers

A. Mapei Planiseal Max = Basis of Design
B. Sika® MB Excel System
C. Substitution Requests: Refer to section 01 25 13.

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2.03 Materials

A. Properties of the Basis of Design Product – Planiseal Max.

1. Polymer Type: Proprietary
2. Solids Content: 56%
3. VOC Content (SCAQMD Rule 1113): < 50 g per L
4. Typical VOC content per SCAQMD Rule 1113 testing methods: 28 g per L
5. Flash Point (Tag): > 200°F (93°C)
6. pH: 8.8
7. Density: 9.6 lbs. per U.S. gal. (1.15 g per L)
8. Perm rate – ASTM E96: < 0.1 perms
9. Physical State: Liquid
10. Color: Burgundy
11. Minimum thickness for full product performance: 10 to 14 mils WFT (complete double coat)

2.04 Accessories

A. Bonding Emulsion: Conform to manufacturer's instructions.

B. Self-Leveling Overlay: Conform to manufacturer's instructions, and provisions of Section 03 54 00.

C. Primer: Non-porous, and as recommended by manufacturer.

D. Other (As Applicable): Including sand in lieu of primer and for broadcasting, as instructed by manufacturer.

2.05 Equipment

A. As required by the manufacturer for a complete installation.

PART 3 EXECUTION

3.01 Examination

A. Verify conditions ready to receive work of this Section before beginning.

B. Inspect and verify concrete slab surfaces:

1. Structurally sound, solid, and suitable for remediation work of this Section.
2. Surface dry to touch and absorbent.
3. Clean and free of oil, wax, grease, asphalt, paint, latex, and gypsum compounds, curing compounds, dust, and other contaminants that may inhibit penetration and or act as a bond breaker.

C. Tensile Strength of Concrete Slab: Minimum 200 psi, tested to ASTM D7234. Test to failure of concrete surface.

3.02 Preparation

A. Prepare in accordance with the manufacturer's requirements and recommendations.

B. Apply cementitious underlayment under work of Section 03 5416 at slabs out of tolerance, conforming to floor flatness and floor levelness tolerances specified by Division 03.

1. Verify compatibility with moisture-vapor emission remediation (MVER) system specified by this Section.
2. Apply non-porous primer prior to application of cementitious underlayment where primer is required by manufacturer's instructions or include sand broadcast with MVER system.

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3. Underlayments containing gypsum are not accepted.

3.03 Application

A. Conform to manufacturer's instructions and provisions of Contract Documents.

B. Apply to concrete following a minimum 7 day curing period or when surface moisture is <6% when measured with a Tramex moisture meter.

C. Apply using roller and squeegee.

D. Provide coating coverage, and curing periods between multiple coatings as required for remediation of unacceptable moisture vapor emissions and alkalinity levels.

1. Pour resin out of mixing vessel in a ribbon pattern to avoid early curing.
2. Spread evenly using paint roller.
3. Apply first and second coats at cross directions to each other.
4. Finish smooth and homogeneous with no pinholes.

3.04 Field Quality Control

A. Manufacturer’s Representative: Make initial, intermittent, and final inspections to verify conditions acceptable for application and that application is performed in conformance to manufacturer’s instructions.

B. Field Testing: Conduct field tests as specified and accepted for pre-application tests and verify in situ relative humidity testing and pH results as acceptable to meet warranty provisions of resilient finish flooring manufacturers.

3.05 Adjusting

A. Inspect and make adjustments after installation.

B. Reapply or take other actions as necessary to remediate defective or unsuccessful application.

3.06 Cleaning: Leave installations clean and premises free from residue and debris from work of this Section.

3.07 Protection

A. Protect Moisture Vapor Emissions Reduction (MVER) system from topical water and other prolonged water contact for a period of 24 hours following application.

B. Cover surfaces at construction traffic areas with plywood or OSB panels until installation of underlayment or topping is complete.

END OF SECTION

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SECTION 03 54 00 SELF LEVELING UNDERLAYMENT

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Liquid applied, cementitious self-leveling floor underlayment.

1.02 REFERENCES

A. ASTM E286 -Test Method for Surface Flammability of Building Materials Using an 8 Foot Tunnel Furnace.

1.03 SUBMITTALS

A. Product Data: Provide physical characteristics, and product limitations.
B. Manufacturer's Installation Instructions: Indicate mix and installation instructions.
C. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.

1.04 QUALIFICATIONS

A. Applicator: Company specializing in performing the work of this Section with minimum three years documented experience and approved by manufacturer.

1.05 ENVIRONMENTAL REQUIREMENTS

A. Do not install underlayment until floor penetrations and peripheral work is complete.

B. Maintain minimum ambient temperatures of 50 degrees F, 24 hours before, during, and 72 hours after installation of underlayment.

C. During the curing process, ventilate spaces to remove excess moisture.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Mapei Corp., Deerfield Beach, FL 33442 (954) 246-8888, “Ultraplan HFL” www.mapei.com
C. Sika Corporation Lyndhurst, NJ (201) 933-8800. “Sika Level 315” www.usa.sika.com
D. Ardex K15, with P51 Primer, Ardex Engineered Cements. www.ardex.com
E. Laticrete, “NXT” Self-Leveling Underlayment www.laticrete.com
F. Substitutions to be submitted in accordance with Section 01 25 13

2.02 MATERIALS

A. Underlayment: Cementitious based mix.
B. Water: Potable and not detrimental to underlayment mix materials.
C. Primer: Manufacturer's recommended type.
D. Joint and Crack filler: Latex based.

2.03 MIXING

A. Site mix materials in accordance with manufacturer's instructions.

B. Mix to achieve following characteristics:

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1. Density: 115 lb/cu ft minimum dry density.
2. Compressive Strength: 2,000 psi minimum after 24 hours, 4100 psi minimum after 28 days in accordance with ASTM C 109.
3. Initial Set Time: 30 minutes at 70 degrees f.
4. Final Set Time: 2 hours at 70 degrees f.
5. Fire Hazard Classification: 0/0/0 (flame/fuel/Smoke) rating in accordance with ASTM E286.

C. Mix to consistency to achieve self-leveling.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify that substrate surfaces are clean, dry, unfrozen, do not contain petroleum by-products, or other compounds detrimental to underlayment material bond to substrate.

3.02 PREPARATION

A. Remove substrate surface irregularities. Fill voids with filler. Finish smooth.
B. Vacuum clean surfaces.
C. Prime substrate in accordance with manufacturer's instructions. Allow to dry.

3.03 INSTALLATION

A. Install underlayment in accordance with manufacturer's instructions, after partition installation.
B. Place to minimum 1/16 inch and maximum % inch thickness.

3.04 CURING

A. Air cure in accordance with manufacturer's instructions.

3.05 APPLICATION TOLERANCE

A. Maintain top surface level to 1/16 inch in 10 ft.

3.06 PROTECTION OF FINISHED WORK

A. Do not permit traffic over unprotected floor surface.

END OF SECTION 03 54 00

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SECTION 10 51 13 METAL LOCKERS

PART 1 - GENERAL REQUIREMENTS

1.01 SECTION INCLUDES

A. All welded metal lockers.
B. Benches and Pedestals.
C. Accessories including, tops, bases, vertical fillers, recess trim, and able to accept padlocks.

1.02 REFERENCES

A. American Society for Testing and Materials (ASTM) A 366/A 366M - Standard Specification for Steel Sheet, Carbon, Cold-Rolled, Commercial Quality.

B. ADAAG - American with Disabilities Act, Accessibility Guidelines.

1. Provide minimum 5% accessible lockers but no less than 1 locker in each room/area.

a. Single Tier Lockers- Shelf and coat hook to be lowered to max 48” AFF. Extra shelf to be added at 15” AFF. Recessed handles only.

b. Double Tier Lockers - Extra shelf to be added at 15” AFF. Only lower opening to be ADA compliant. Recessed handles only.

C. Texas Accessibility Standards (TAS)

1.03 QUALITY ASSURANCE

A. Manufacturer Qualifications: Provide metal lockers that are standard products of a single manufacturer, with interchangeable parts. Include necessary mounting accessories, fittings, and fastenings.

B. Installer Qualifications: Firm experience (minimum 5 years) in successfully installing the type of metal lockers indicated for this project, with sufficient production capacity to produce required units without causing delay in the work.

1.04 SUBMITTALS

A. Submit under provisions of Section 01300.

B. Submit product data - Manufacturer's data sheets on each product to be used, including:

1. Preparation instructions and recommendations.
2. Storage and handling requirements and recommendations.
3. Installation methods.
4. Shop Drawings: Provide layout and elevations of lockers with overall dimensions.
5. Maintenance Data: For adjusting, repairing, and replacing locker doors and latching mechanisms.

C. If required by Owner for selection: Selection Samples: For finish product specified, two complete sets of color chips representing manufacturer's full range of available colors.

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1.05 DELIVERY, STORAGE, AND HANDLING

A. Store products in manufacturer's unopened packaging until ready for installation.

B. Sequence deliveries to avoid project delays, but minimize on-site storage.

1.06 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.07 WARRANTY

A. Provide to the owner the manufacturer's lifetime warranty form outlining the terms of the conditions of the limited warranty against material defect.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

A. Manufacturers listed below are approved for use on this project. Alternate manufacturers must have a minimum of five (5) years experience manufacturing locker products to meet these specifications.
1. List Industries – Basis of Design
2. Lyons
3. Republic

B. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, products specified. Substitution of manufacturer other than those listed above must be approved by the architect 10 days before final bids are received.

2.02 MATERIALS

A. Cold-Rolled Steel Sheet: ASTM A 1008, Commercial Steel (CS) Type B, suitable for exposed applications.

B. Fasteners: Zinc- or nickel-plated steel, slot-less type exposed bolt heads, and self-locking nuts or lock washers for nuts on moving parts.

C. Anchors: Select material, type, size, and finish required for secure anchorage to each substrate.

D. Provide nonferrous metal or hot-dip galvanized anchors and inserts on inside face of exterior walls and elsewhere as required for corrosion resistance.

E. Provide toothed-steel or lead expansion sleeves for drilled-in-place anchors.

2.03 **LOCKER TYPE B1; ALL WELDED (Refer to drawings for sizes and tiers)**

A. General: Lockers shall be "Superior Fully-Framed All-Welded All-Star MVP Sport Lockers" as manufactured by List Industries Inc. or approved equal. All lockers shall be factory-assembled, of all MIG welded construction, in multiple column units to meet job conditions. Assembly of locker bodies by means of bolts, screws, or rivets will not be permitted. Welding of knockdown locker construction is not acceptable. Grind exposed welds and metal edges flush and make safe to touch.

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B. Finishing: All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade custom blend powder electrostatically sprayed and baked at 350 degrees Fahrenheit for a minimum of 20 minutes to provide a tough durable finish. Color to be selected from manufacturer's standard list of colors.

1. Two-Tone Color Combination: Shall be at no additional cost with the locker body, frame and trim chosen from one color and the doors may be one of any other color chosen from manufacturers standard selection.

C. Frame / Vertical Side panels: Shall be of 13 gauge ½" flattened expanded metal framed by 16 gauge Hollow "T" tubular sections and channel frame members designed to enclose all four edges of the side panel with the entire assembly MIG welded to form a rigid frame for each locker. The channel frame members are welded to the front and rear vertical frame members to create and anchor bearing surface of 1-1/4 inches wide x the depth of the locker at each side panel.

D. Integral Frame Locker base: 14 gauge formed structural channels are MIG welded to the front and rear vertical side panel frame members to allow placement of locker bottom a minimum 2-3/4" above floor level. Locker bottom shelf located less than 2" above floor level will not be acceptable.

E. Flat Tops: Shall be formed of one piece of 16 gauge cold rolled sheet steel and shall be an integral part MIG welded to each vertical side panel frame member and be continuous to cover the full width of a multiple framed locker unit.

F. Hat Shelf, Intermediate Shelves and Bottoms: Shall be 16 gauge galvanneal sheet-steel, have double bends at front and shall engage slots in the Hollow "T" vertical frame members at all four corners and be securely welded to the frame and side. Locker bottom shelf located less than 2" above floor level will not be acceptable.

G. Backs: Shall be 18 gauge cold rolled sheet-steel, be continuous to cover a multiple framed unit and be welded to each vertical side panel frame member.

H. Lower Seat/Shelf: Shall be 16 gauge galvanneal sheet steel, have double bends at front and shall engage slots in the Hollow "T" vertical frame members at all four corners and be securely welded to the frame and side. A reinforcing bar shall be welded to the inside of the front return bend for added strength.

I. Stainless Steel Coat Rod: Full locker width coat rod shall be 1" diameter stainless steel tubing.

J. Equipment: Furnish each locker with one galvanneal hat/intermediate shelf and two single prong wall hooks.

K. Lifetime Warranty: Superior Fully-Framed All-Welded Lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section for the lifetime of the facility.

2.04 **LOCKER TYPE A2, A3, A4, A5, B2, C; ALL WELDED (Refer to drawings for sizes and tiers)**

A. General: Lockers shall be "Superior Fully-Framed All-Welded Team Lockers" as manufactured by List Industries Inc. or approved equal. All lockers shall be factory-assembled, of all MIG welded construction, in multiple column units to meet job conditions. Assembly of locker bodies by means of bolts, screws, or rivets will not be permitted. Welding of knockdown locker construction is not acceptable. Grind exposed welds and metal edges flush and make safe to touch.

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B. Finishing: All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade custom blend powder electrostatically sprayed and baked at 350 degrees Fahrenheit for a minimum of 20 minutes to provide a tough durable finish. Color to be selected from manufacturer's standard list of colors.

1. Two-Tone Color Combination: Shall be at no additional cost with the locker body, frame and trim chosen from one color and the doors may be one of any other color chosen from manufacturers standard selection.

C. Frame / Vertical Side panels: Shall be of 13 gauge ½" flattened expanded metal framed by 16 gauge Hollow "T" tubular sections and channel frame members designed to enclose all four edges of the side panel with the entire assembly MIG welded to form a rigid frame for each locker. The channel frame members are welded to the front and rear vertical frame members to create and anchor bearing surface of 1-1/4 inches wide x the depth of the locker at each side panel.

D. Integral Frame Locker base: 14 gauge formed structural channels are MIG welded to the front and rear vertical side panel frame members to allow placement of locker bottom a minimum 2-3/4" above floor level. Locker bottom shelf located less than 2" above floor level will not be acceptable.

E. Team Wardrobe Doors: Doors 20" high and over and 15" wide and under are to be fabricated from single sheet prime 14 gauge with single bends at top and bottom and double bends at the sides. The channel formed by the double bend at the latch side is designed to fully conceal the lock bar. The latching mechanism shall be finger lift control type constructed of 14 gauge (minimum) steel with a nylon cover that has a generous finger pull. Lock bar shall be hot dip galvanized and installed after paint to ensure proper paint coverage and lock bar operation. Spring activated nylon slide latches shall be completely enclosed in the lock channel allowing doors to close with the lock in the locked position. Locking devise shall be designed for use with either built-in combination locks or padlocks. Latch hooks shall be 11 gauge (minimum) with riveted bumpers and shall be MIG welded to vertical frame member. Provide three latch hooks for doors 48" and over and two for doors under 48". Doors to be perforated with 5/8" x 1-1/2" diamonds.

F. Seamless Drawn Locker Handle: All wardrobe doors 20" high and over shall have a seamless drawn not less than 304 stainless steel recessed handle shaped to receive a padlock. The recessed handle shall be deep enough to have the lock be completely flush with the outer door face.

G. Door Hinges: Hinges for wardrobe and side hinged gym doors shall not be less than 3-1/2" long 13 gauge seven knuckle pin type, securely riveted to frame and welded to the door. Doors are to be secured to frame with a minimum of two tamper resistant rivets per hinge. Provide 3 hinges for doors 48" and higher and 2 for doors shorter than 48". All doors shall be right hand side hinged except top hinged gym doors as noted above. Top hinged gym doors shall be hinged using a 3/16" diameter continuous hinge rod completely recessed into the door with a concealed fastener.

H. Flat Tops: Shall be formed of one piece of 16 gauge cold rolled sheet steel and shall be an integral part MIG welded to each vertical side panel frame member and be continuous to cover the full width of a multiple framed locker unit.

I. Hat Shelves, Intermediate Shelves and Bottoms: Shall be 16 gauge galvanneal sheet steel, have double bends at front and shall engage slots in the Hollow "T" vertical frame members at all four corners and be securely welded to the frame and side. Locker bottom shelf located less than 2" above floor level will not be acceptable.

J. Backs: Shall be 18 gauge cold rolled sheet steel, be continuous to cover a multiple framed unit and be welded to each vertical side panel frame member.

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K. Equipment: Furnish each locker with the following items, unless otherwise shown.
1. Single tier lockers: Openings 60” and 72” shall include one galvanneal hat shelf, one double prong ceiling hook and a minimum of two single prong hooks.
2. Double and triple tier lockers: Openings 20” thru 36” high shall include one double prong ceiling hook and a minimum of two single prong hooks.
3. Box lockers: No hooks

L. Lifetime Warranty: Superior Fully-Framed All-Welded Lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section for the lifetime of the facility.

2.05 LOCKER TYPE A1; ALL WELDED (Refer to drawings for sizes and tiers)

A. General: Lockers shall be "Superior Fully-Framed All-Welded P.E. Series Lockers" as manufactured by List Industries Inc. or approved equal. All lockers shall be factory-assembled, of all MIG welded construction, in multiple column units to meet job conditions. Assembly of locker bodies by means of bolts, screws, or rivets will not be permitted. Welding of knockdown locker construction is not acceptable. Grind exposed welds and metal edges flush and make safe to touch.

B. Finishing: All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade custom blend powder electrostatically sprayed and baked at 350 degrees Fahrenheit for a minimum of 20 minutes to provide a tough durable finish. Color to be selected from manufacturer's standard list of colors.
1. Two-Tone Color Combination: Shall be at no additional cost with the locker body, frame and trim chosen from one color and the doors may be one of any other color chosen from manufacturers standard selection.

C. Frame / Vertical Side panels: Shall be of 13 gauge ½” flattened expanded metal framed by 16 gauge Hollow "T" tubular sections and channel frame members designed to enclose all four edges of the side panel with the entire assembly MIG welded to form a rigid frame for each locker. The channel frame members are welded to the front and rear vertical frame members to create and anchor bearing surface of 1-1/4 inches wide x the depth of the locker at each side panel.

D. Integral Frame Locker base: 14 gauge formed structural channels are MIG welded to the front and rear vertical side panel frame members to allow placement of locker bottom a minimum 2-3/4" above floor level. Locker bottom shelf located less than 2” above floor level will not be acceptable.

E. P.E. Gym Doors 12” High And Under: Doors 12" high and under to be top hinged and be fabricated from single sheet prime 14 gauge with single bend at top and sides with a double bend at latch point (bottom). A spring loaded galvanized latch assembly shall be securely welded to the inside of the door. The latch shall be a minimum of 11 gauge, be equipped with a stainless steel spring and shall automatically engage when door is closed. Rubber bumpers shall be riveted to return bends on doors. Locking devise shall be designed for use with a padlock. Doors to be perforated with 7/16” x 15/16” diamonds.

G. P.E. Gym Doors 15” And 18” High: Doors 15” and 18" high to be side hinged and be fabricated from single sheet prime 14 gauge with single bend at top and bottom and double bends at hinge and latch sides. A spring loaded galvanized latch assembly shall be securely welded to the inside of the door. The latch shall be a minimum of 11 gauge, be equipped with a stainless steel spring and shall automatically engage an 11 gauge full height continuous door strike when the door is closed. The door strike is to be MIG welded to the frame. Rubber bumpers shall be riveted to return bends on doors. Locking devise shall be designed for use with a padlock. Doors to be perforated with 7/16” x 15/16” diamonds.

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H. Seamless Drawn Locker Handle: All wardrobe doors 20” high and over shall have a seamless drawn not less than 304 stainless steel recessed handle shaped to receive a padlock. The recessed handle shall be deep enough to have the lock be completely flush with the outer door face.

I. Door Hinges: Hinges for wardrobe and side hinged gym doors shall not be less than 3-1/2" long 13 gauge seven knuckle pin type, securely riveted to frame and welded to the door. Doors are to be secured to frame with a minimum of two tamper resistant rivets per hinge. Provide 3 hinges for doors 48" and higher and 2 for doors shorter than 48". All doors shall be right hand side hinged except top hinged gym doors as noted above. Top hinged gym doors shall be hinged using a 3/16" diameter continuous hinge rod completely recessed into the door with a concealed fastener.

J. Flat Tops: Shall be formed of one piece of 16 gauge cold rolled sheet steel and shall be an integral part MIG welded to each vertical side panel frame member and be continuous to cover the full width of a multiple framed locker unit.

K. Hat Shelves, Intermediate Shelves and Bottoms: Shall be 16 gauge galvanneal sheet steel, have double bends at front and shall engage slots in the Hollow "T" vertical frame members at all four corners and be securely welded to the frame and side. Locker bottom shelf located less than 2” above floor level will not be acceptable.

L. Backs: Shall be 18 gauge cold rolled sheet steel, be continuous to cover a multiple framed unit and be welded to each vertical side panel frame member.

M. Equipment: Furnish each locker with the following items, unless otherwise shown.
1. Single tier lockers: Openings 60” and 72” shall include one galvanneal hat shelf, one double prong ceiling hook and a minimum of two single prong hooks.
2. Double and triple tier lockers: Openings 20” thru 36” high shall include one double prong ceiling hook and a minimum of two single prong hooks.
3. Box lockers: No hooks

N. Lifetime Warranty: Superior Fully-Framed All-Welded Lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section for the lifetime of the facility.

2.05 ACCESSORIES

A. Closures: Vertical-end type. Provide closure or end and top metal finishing strips with concealed fasteners to cover gaps between recessed lockers and end wall or furr-down conditions.

B. Recess Trim: Fabricated from 0.0428-inch- (1 .1-mm-) thick, cold-rolled steel sheet.

C. Filler Panels: Fabricated from 0.0428-inch- (1.1-mm-) thick, cold-rolled steel sheet.

D. Boxed End Panels: Fabricated from 0.0528~inch- (1.35-mm-) thick. cold-rolled steel sheet.

E. Finish: Baked enamel or powder coat.

F. Color(s): As selected by Architect from manufacturers full range.

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2.06 LOCKER ROOM / DRESSING ROOM BENCHES AND ACCESSIBLE BENCHES

1. **General: Provide fixed, pedestal mounted, free standing dressing benches and separate ADA/TAS compliant bench at locations noted on the drawings.**

   a. **Non-ADA/TAS Bench Tops: Manufacturers standard 1-piece units, 9-1/2" x 3/4" Thick, made from solid phenolic resin. All benches to have rounded corners and edges. Provide with solid phenolic resin tops.**
   Color of Tops: Architect to select from manufacturer's full range of color option.

   b. **Fixed Pedestals: Manufacturers standard supports, with predrilled fastener holes for attaching bench top and anchoring to floor, complete with fasteners and anchors, and as follows: No. 4805 Heavy-Duty Steel Pedestal; by List Industries; Fabricated from 1-1/2" diameter 14 gauge steel tube welded to top and bottom 11 gauge formed flanges. Each flange to have three anchoring holes.**
   Color: Painted. Architect to select from manufacturer's full range of color option.

   c. **ADA/TAS Benches: Provide manufacturer's standard ADA locker room bench with seat, back support and pedestal, 42" wide X 20" deep x 17" – 18"" high from seat to finished floor. Where indicated in the drawings, provide with bench back to be of same material as bench seat and shall be min. 18" tall from top of seat.**
   Also, provide ADA/TAS bench without a bench back where indicated in the drawings.
   All benches to have rounded corners and edges. Provide with solid phenolic resin tops.

2.07 FABRICATION

A. General: Fabricate metal lockers square, rigid, and without warp; with metal faces fiat and free of dents or distortion.

B. Make exposed metal edges free of sharp edges and burrs, and safe to touch.

C. Form body panels, doors, shelves, and accessories from one-piece steel sheet, unless otherwise indicated.

D. Provide fasteners, filler plates, supports, clips, and closures as required for a complete installation.

E. Unit Principle: Fabricate each metal locker with an individual door and frame; individual top, bottom. and back; and common intermediate uprights separating compartments.

F. All Welded Construction: Factory preassemble metal lockers by welding all joints, seams, and connections, with no bolts, nuts, screws, or rivets used in assembly of main locker groups. Factory weld main locker groups into one-piece structures. Grind exposed welds flush.

G. Hooks: Manufacturers standard ball-pointed type, aluminum or steel; zinc plated.

H. Identification Plates: Manufacturers standard etched, embossed, or stamped aluminum plates; with numbers and letters at least 3/8 inch (9 mm) high.

I. Recess Trim: Fabricated with minimum 2-1/2-inch (64-mm) face width and in lengths as long as practicable; finished to match lockers.

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J. Filler Panels: Fabricated in an unequal leg angle shape; finished to match lockers. Provide slip joint filler angle formed to receive filler panel.

K. Boxed End Panels: Fabricated with 1 inch- (25-mm-) wide edge dimension, and designed for concealing fasteners and holes at exposed ends of non-recessed metal lockers; finished to match lockers.

L. Provide one-piece panels for double-row (back-to-back) locker ends.

2.08 STEEL SHEET FINISHES

A. General: Comply with NAAMM's 'Metal Finishes Manual for Architectural and Metal Products' for recommendations for applying and designating finishes. Factory finish steel surfaces and accessories except stainless-steel and chrome plated surfaces.

B. Surface Preparation: Clean surfaces of dirt, oil, grease, mill scale, rust, and other contaminants that could impair paint bond. Use manufacturers standard methods.

C. Baked Enamel Finish: Immediately after cleaning, pretreating, and phosphatizing, apply manufacturers standard thermosetting baked-enamel finish. Comply with paint manufacturers written instructions for application, baking, and minimum dry film thickness.

D. Powder-Coat Finish: Immediately after cleaning and pretreating, electrostatically apply manufacturers standard baked polymer thermosetting powder finish. Comply with resin manufacturers written instructions for application, baking, and minimum dry film thickness.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine walls, floors, and support bases, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.

B. For the record, prepare written report, endorsed by Installer, listing conditions detrimental to performance of work. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION

A. General: Install level, plumb, and true; shim as required, using concealed shims.

B. Anchor locker runs at ends and at intervals recommended by manufacturer, but not more than 36 inches o.c. Install anchors through backup reinforcing plates, channels, or blocking as required to prevent metal distortion, using concealed fasteners.

C. Anchor single rows of metal lockers to walls near top and bottom of lockers.

D. Anchor back-to-back metal lockers to floor.

E. All Welded Metal Lockers: Connect groups of all welded metal lockers together with standard fasteners, with no exposed fasteners on face frames.

F. Equipment and Accessories: Fit exposed connections of trim, fillers, and closures accurately together to form tight, hairline joints, with concealed fasteners and splice plates. Attach hooks with at least two fasteners.

G. Attach door locks on doors using security-type fasteners.

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H. Identification Plates: Identify metal lockers with identification indicated on Drawings. Attach plates to each locker door, near top, centered, with at least two aluminum rivets. Attach plates to upper shelf of each open·front metal locker, centered, with a least two aluminum rivets.

I. Attach recess trim to recessed metal lockers with concealed clips.

J. Attach filler panels with concealed fasteners. Locate fillers panels where indicated on Drawings.

K. Attach boxed end panels with concealed fasteners to conceal exposed ends of nonrecessed metal lockers.

L. Fixed Locker Benches: Provide not less than 2 pedestals for each bench, uniformly spaced not more than 72 inches apart. Securely fasten tops of pedestals to undersides of bench tops, and anchor bases to floor. Provide TAS compliant benches where indicated.

3.03 ADJUSTING, CLEANING, AND PROTECTION

A. Clean, lubricate, and adjust hardware. Adjust doors and latches to operate easily without binding. Verify that integral locking devices operate properly.

B. Protect metal lockers from damage, abuse, dust, dirt, stain, or paint. Do not permit metal locker use during construction.

C. Touch up marred finishes, or replace metal lockers that cannot be restored to factory-finish appearance. Use only materials and procedures recommended or furnished by metal locker manufacturer.

END OF SECTION 10 51 13

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SECTION 11 31 13 APPLIANCES AND COMMERCIAL EQUIPMENT

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Furnish and install the following appliances where indicated in the drawings:
1. Commercial Beverage Refrigerator
2. Side by Side Refrigerator
3. Hot Holding Cabinet
4. Microwave
5. Dishwasher
6. Ice Maker

1.02 SUBMITTALS

A. Product Data
1. Submit manufacturer's specifications and other data needed to prove compliance with specified requirements.
2. Submit manufacturer's installation instructions.
3. Submit manufacturer's operation and maintenance instructions.

B. Submit sample color charts shown manufacturer's full range of available colors.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Acceptable Manufacturers:
1. Follet
2. Hobart
3. Hoshizaki
4. Manitowoc
5. Whirlpool Corp.
6. Winston
7. Yeego

B. Substitutions: Refer to section 01 25 00

2.02 PRODUCTS

A. Commercial Beverage Refrigerator
1. Manufacturer: Yeego; Yeego Life
2. Model: YG-SC-530FC
3. Description
   a. Capacity: 17.48 cu.ft (495L)
   b. Product Weight: 86kg (190 lbs)
   c. Dimensions (D×W×H): 24.8"×26.3"×80.4"
   d. Shelving: 5 wire shelves
   e. Temp Range: 32-50°F (1-10°C)
   f. Noise Level: ≤52dB
   g. Light Color: Blue-White
   h. Door Glass: Double-Pane Tempered
   i. Door Panel: Stainless Steel
   j. Automatic Defrost System

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k. Led Lighting

B. Side by Side Refrigerator
1. Manufacturer: Whirlpool; Whirlpool
2. Model: WRS315SNH
3. Description
   a. Capacity: 25 cu. ft.
   b. Refrigerator Capacity: 15 cu. ft.
   c. Freezer Capacity: 10 cu. ft.
   d. Dimensions (H x W x D): 69-5/8" x 35-7/8" x 33-5/8"
   e. Frameless Glass Shelving: 4 shelves
   f. Adaptive Defrost
   g. Led Lighting

C. Hot Holding Cabinet
1. Manufacturer: Winston; Winston Foodservice
2. Model: HOV3-06UV Holding Cabinet
3. Description
   a. Capacity:
   b. Dimensions (H×D×W): 33.4” x 34.5 x 27.70

D. Dishwasher:
1. Manufacturer: Hobart ; Hobart Dishwashers
2. Model: CL64en BAS

E. Ice Machine with Storage Bin – at Training Room
1. Description
a. Manufacturer: Manitowoc Ice Machine
1. Model: IDT1500A
2. Storage Bin: D970
b. 24 Hr. Production (lb): 1688
c. Access: Lift Up Door
d. Bin Capacity (lb): 882
e. Compressor Type: Air Cooled
f. Depth (in): 34
g. Height (in): 79.5
h. Width (in): 48
i. Hertz: 60
j. Voltage: 208/230
k. Ice Type: Full Cube; 7⁄8 in. x 7⁄8 in. x 7⁄8 in.
l. Refrigerant: R410A
m. Water Inlet (in): 0.38
n. Warranty:
1. Machine: 3-year Parts & Labor, 5-year Compressor Parts
2. Dispenser: 3-year Parts & Labor

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F. Ice Machine with Storage Bin – at Concessions
1. Description
a. Manufacturer: Manitowoc Ice Machine
1. Model: RNP0620A
2. Storage Bin: D570
b. 24 Hr. Production (lb): 591
c. Compressor Type: Air Cooled
d. Depth (in): 23.63
e. Height (in): 26
f. Width (in): 22
g. Ice Type: Nugget
h. Phase : 1
i. Refrigerant : R290 (Hydrocarbon)
j. Voltage: 115
k. Warranty
1. 3-year Parts & Labor 5-year Compressor Parts
2. 3-year Compressor Labor
l. Water Inlet (in): 0.38
m. Weight: 210.00

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine areas where appliances are to be installed to ensure proper opening sizes and that areas are ready to receive appliance installation. Ensure that proper utilities are in place.

3.02 INSTALLATION

A. Install all appliances and equipment in accordance with manufacturer's printed instructions.

3.02 ADJUSTING AND CLEANING

A. Adjust appliances and equipment for proper operation.

B. Clean appliances and equipment of dirt, dust, fingerprints and markings detrimental to good appearance.

C. Remove all manufacturer's advertising labels not required by law or for proper and safe operation of appliance and clean surfaces.

END OF SECTION 11 31 13

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SECTION 11 68 60 ATHLETIC EQUIPMENT (TRACK & FIELD)

PART 1 - GENERAL

1.1 SECTION INCLUDES
- A. Pole Vault
- B. Shot Put Ring
- C. Shot Put Toe Board
- D. Discus Ring
- E. Discus Cage

1.2 SUBMITTALS
- A. Submit Product Data for all items above.
- B. Submit Shop Drawings showing installation procedures, sizes and all materials specifications.

1.3 DELIVERY, STORAGE AND HANDLING
- A. Materials delivered to the site shall be examined for concealed damage or defects in shipping. Any defects shall be noted and reported to the Owner's representative.
- B. Replacements, if necessary, shall be immediately re-ordered, so as to minimize any conflict with the construction schedule.

1.5 WARRANTY
- A. Contractor to submit to the Engineer warranty specifying ~~quantity of~~ **5-years** for all items.

PART 2 - PRODUCTS

2.1 POLE VAULT
- A. Constructed with 13 gauge 304 stainless steel. Wide rounded edges prevent poles from being damaged. Great choice for warm climates. Meets High School, **UIL**, NCAA and IAAF specifications. **Provide concrete (not asphalt) runways with synthetic track surfacing.**
- B. Approved Product/Manufacturer: ~~SportsEdge. Model SE504 Stainless Steel Vault Box and Model SE504 Stainless Vault Box Lid or approved equivalent.~~ **Sportsfield Specialties or Sports Edge Safety Matters.**

2.2 SHOT PUT RING
- C. Provide an 84-inch aluminum (2"x2"x1/4" thick angle) 2-piece, pre-bent throwing ring to meet UIL/NCAA/IAAF standards.
- D. Approved Product/Manufacturer: ~~Sportsfield Specialties Inc. Model TFSPH084AL, UCS Model 725-2575 or approved equivalent.~~ **Sportsfield Specialties or Sports Edge Safety Matters.**

2.3 SHOT PUT TOE BOARD
- A. Provide a cast aluminum toe board being 48-3/4"x12-1/4"x3-1/4" with the exact radius for the 84-inch diameter recessed shot put ring meeting UIL/NCAA/IAAF standards.
- ~~B.~~ Approved Product/Manufacturer: ~~Sportsfield Specialties Inc. Model TFSPT001AL, UCS Model 716-1630 or approved equivalent.~~ **Sportsfield Specialties or Sports Edge Safety Matters.**

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2.4 DISCUS RING

A. Provide a 98.5-inch aluminum (2”x2”x1/4” thick angle) 2-piece, pre-bent throwing ring of meeting UIL/NCAA/IAAF standards.

~~B.~~ Approved Product/Manufacturer: ~~Sportsfield Specialties Inc. Model SSTFD099AL, UCS Model 725-2565 or approved equivalent.~~ **Sportsfield Specialties or Sports Edge Safety Matters.**

2.8 DISCUS CAGE

A. Provide removable Discus Cage installed to meet UIL/NCAA/IAAF requirements. Provide eight (8), 4-inch diameter schedule 40 aluminum posts with manufacturer provided ground sleeves. Pole height above ground shall be 14-feet high with a 3-foot curved offset. Cage Netting shall be 13’ by 64’, #36 (1-3/4” square mesh) nylon black twine treated for UV.

B. Approved Product/Manufacturer: ~~Discus Cage shall be as manufactured by Sportsfield Specialties Inc. Model TFDCCOLL, UCS Model 570-0600R or approved equivalent.~~ **Sportsfield Specialties or Sports Edge Safety Matters.**

PART 3 - EXECUTION

3.1 INSTALLATION

A. All track and field items to be installed per manufacturer’s recommendations.

END OF SECTION 11 68 60

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SECTION 32 18 23.21 RESURFACING (TENNIS)

PART 1 - GENERAL

1.1 WORK INCLUDED

A. The work includes furnishing all labor, material equipment and services to provide surfacing to the tennis courts as shown on the submitted drawings.

1.2 SUBMITTALS

A. Contractor to submit a textured acrylic surfacing product, color chart, maintenance and warranty of product.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. ~~PlexiPave~~ **California Products Corp or Laykold Recreational Sports Surfacing.** ~~approved manufacturer's.~~

2.2 PRODUCT SUBSTITUTION

A. In the event that the tennis contractor desires to use a different product, contractor shall submit the acrylic surfacing product 7 days prior to bid day for Engineers approval.

2.3 MATERIAL HANDLING & STORAGE

A. Contractor to store materials in accordance with manufacturer's specification and MSDS (Material Safety Data Sheet), to deliver product to the site in original unopened containers with proper labels attached. All surfacing materials shall be non-flammable.

PART 3 - EXECUTION

3.01 WEATHER LIMITATIONS

A. Contractor to seize all installations when rainfall is imminent or extremely high humidity or surface is in excess of 140 degrees F.

B. Contractor to install when surface and air temperature are 50 degrees F and rising.

3.02 PREPARATION FOR ACRYLIC SURFACING

A. Contractor to strip off existing surfacing.

B. Prior to installation, contractor shall clean surfaces of loose dirt, oil, leaves, grease and all other debris in strict accordance with manufacturer's directions.

C. Pressure washing (1 part bleach 3 part water) will be needed to adequately clean areas to be resurfaced.

D. The contractor shall flood all courts and allow to drain. Contractor to define all areas holding enough water to cover a nickel.

E. Any areas which do hold water in excess of what the specifications allow, need to be patched with an approved patching compound.

3.03 APPLICATION OF ACRYLIC SURFACING

A. All coating materials shall be mixed per manufacturer's directions.

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B. Contractor to obtain the Engineer's approval prior to applying any surface.

C. Contractor to inspect and take extreme care between every coat installation and allow the product to dry before accepting the next coat.

D. Contractor to apply a minimum of two filler (primer) and two-color coats over the entire playing area.

3.04 LINE INSTALLATION

A. Contractor shall locate, work and paint the playing lines as dimensioned on drawings.

END OF SECTION 32 18 23.21

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SECTION 32 31 13.20 CHAIN LINK FENCES AND GATES (TENNIS)

PART 1 - GENERAL

1.1 SUMMARY

A. Related Sections:

1. Section 32 18 23.20.1 Post-Tensioned Concrete (Tennis)

B. Section Includes:

1. Chain Link Fencing.
2. Manual Gates and related hardware.
3. Excavation for Posts.

1.2 REFERENCES

A. American Society for Testing and Materials (ASTM)

1. ASTM A123 / A123M Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
2. ASTM C94 / C94M Standard Specification for Ready-Mixed Concrete
3. ASTM D 412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers-Tension
4. ASTM D 792 Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement
5. ASTM D 1499 Standard Practice for Filtered Open-Flame Carbon-Arc Exposures of Plastics
6. ASTM D 2240 Test Method for Rubber Property—Durometer Hardness
7. ASTM F 668 Standard Specification for Polyvinyl Chloride (PVC) and Other Organic Polymer-Coated Steel Chain-Link Fence Fabric

1.3 SUBMITTALS

A. Submit shop drawings and product data.

1. Include accessories, fittings, hardware, anchorages, and schedule of components.

B. Manufacturer's installation instructions.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Vinyl Fencing: Materials for vinyl-coated chain link fence shall be as specified herein. Material shall be of the same color of vinyl coating. Painted finishes are not acceptable.

B. Posts and Braces.

C. Fabric.

D. Accessories.

E. Gates.

2.2 COMPONENTS

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A. Provide commercial grade galvanized fabric, 9 gauge, 1-3/4" mesh with double knuckle, top and bottom for 12 feet high fence. Corner and line posts shall be a minimum 4 inch, Schedule 40 galvanized steel. Top and middle rail shall be a minimum 1-5/8", Schedule 40 galvanized steel pipe. Provide 9 gauge tension wire at bottom of fence fabric.

~~B. Line Posts: 4-inch outside diameter, Schedule 40 galvanized steel pipe weighing not less than 9 lb./ft (ASTM A53).~~

~~C. Corner and Terminal Posts: 4-inch outside diameter, Schedule 40 galvanized steel pipe, or as specified in drawings.~~

~~D. Gate Posts: 4-inch diameter for man gates; gateposts to be galvanized steel pipe, or as specified in drawings.~~

~~E. Top, Bottom and Brace Rail: 2-inch outside diameter, plain end, sleeve coupled galvanized steel pipe.~~

~~F. Gate Frame: 2-inch outside diameter Schedule 40 galvanized steel pipe for fittings and truss rod fabrication.~~

~~G. Fabric/Vinyl Coated Steel: Chain link fence fabric shall be galvanized steel wire with a continuously bonded vinyl coating, with a finish size (i.e., size after coating) of 9 gauge, and shall comply with ASTM F 668. Fabric height shall be 12 feet (or as specified in drawings), +/- 3/4 inch, with knuckled, selvage edges on the bottom and top. Mesh shall be vertically-woven diamond mesh, with a nominal distance of 2 inches between parallel wires.~~

~~H. Tension Bars: 3/16 inches by 3/4-inch galvanized steel flat bars.~~

I. Caps: Cast steel or malleable iron, galvanized, sized to post dimension, set-screw retained. (ASTM A153).

J. Fittings: Sleeves, bands, clips, rail ends, tension bars, fasteners and fittings shall be galvanized steel.

K. Gate Hardware: Fork type latch with gravity drop; center gate stop and drop rod; three 180 degree gate hinges per leaf.

~~L. Privacy Slats: FenceScreen or approved manufacturer:~~
~~1. Pro Tennis Privacy Screen:~~
~~a. 95% blockage/privacy~~
~~b. Tight Knit Woven Polypropylene~~
~~c. UV Resistant~~
~~d. 3-year Warranty~~

M. Windscreens: Lisco or approved equal.
1. Provide 9-foot windscreen with wind flaps for 12-foot-high fences with open area at bottom (for drainage and to prevent direct contact with ground, deterring premature deterioration).

~~Windscreens: Douglas Industries or approved manufacturer:~~

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~~1. 100% Polypropylene material. OMP (Open Mesh) or CMP (Closed Mesh) fabric. Low-maintenance material shall have a highly durable performance. Material to be Polypropylene and to heat-set so screens will never shrink or change shape. Weather and UV protection shall be extruded into every fiber Poly-Pro Plus Premium Windscreen for maximum performance and long life.~~

~~a. Fabric: 100% polypropylene~~
~~b. 28 x 14 leno weave~~
~~c. 87% Windbreak~~
~~d. 7.0 oz. Sq yd~~
~~e. 380 x 185 Tensile Strength~~
~~f. Black~~
~~g. 4-year limited warranty~~

2.3 FINISHES

A. Galvanized Surfaces: Galvanize surfaces in accordance with ASTM A 123, with a coating of at least 1.20 oz/sq. ft.

B. Accessories and Components: Same finish as fabric.

2.4 VINYL COATING

A. The vinyl coating shall conform to ASTM F1664.

B. Colors shall be stabilized, and shall have a light fastness to withstand a minimum Weather-O-Meter exposure of at least 1500 hours without deterioration when tested in accordance with ASTM D 1499.

C. Hardness shall be A90 +/-5 in accordance with ASTM D 2240.

D. Tensile strength shall be between 2600 and 3000 psi in accordance with ASTM D 412.

E. Vinyl coating shall be exposure-resistant to dilute solutions of most common mineral acids, sea water, salts, and alkali.

F. Vinyl coating shall be continuously bonded to the wire under 5000 psi pressure before the wire is woven into fabric.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install framework, fabric, accessories, and gates in accordance with manufacturer's instructions and ASTM F567.

B. Space line posts at intervals not exceeding 10 feet.

C. Set gate and posts plumb, in concrete footings with top of footing 1 inch above finish grade. Slope top of concrete for water runoff. Footings for line end and corner posts are to be 8 inches diameter by 3 feet deep below finish grade and for gates are to be 12 inches diameter by 3 feet 6 inches deep below finish grade.

D. Provide top rail through line-post tops and splice with 7-inch long rail sleeves.

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E. Brace each gate and corner post back to adjacent line post with horizontal center brace rail and diagonal truss rods. Install brace rail, one bay from end and gate posts.

F. Install center and bottom brace rail on corner and gate leaves.

G. Stretch fabric between terminal posts or at intervals of 100 feet maximum, whichever is less.

H. Position bottom of fabric to no more than 2 inches above concrete or asphalt grade and touching dirt finish grade.

I. Fasten fabric to top rail, line posts, braces, and bottom tension wire with 11gauge galvanized wire ties 24 inches maximum on centers.

J. Attach fabric to end, corner, and gateposts with tension bars and tension bar clips.

K. Install bottom rail supported at each line and terminal post in such a manner that a continuous brace between posts is formed.

L. Install gates with fabric to match fence. Install three hinges per leaf, latch, catches, drop bolt, foot bolts and sockets.

3.2 GROUNDING

A. 40 feet on either side of overhead high voltage electrical transmission lines the fence is to be grounded as shown on the drawings.

END OF SECTION 32 31 13.20

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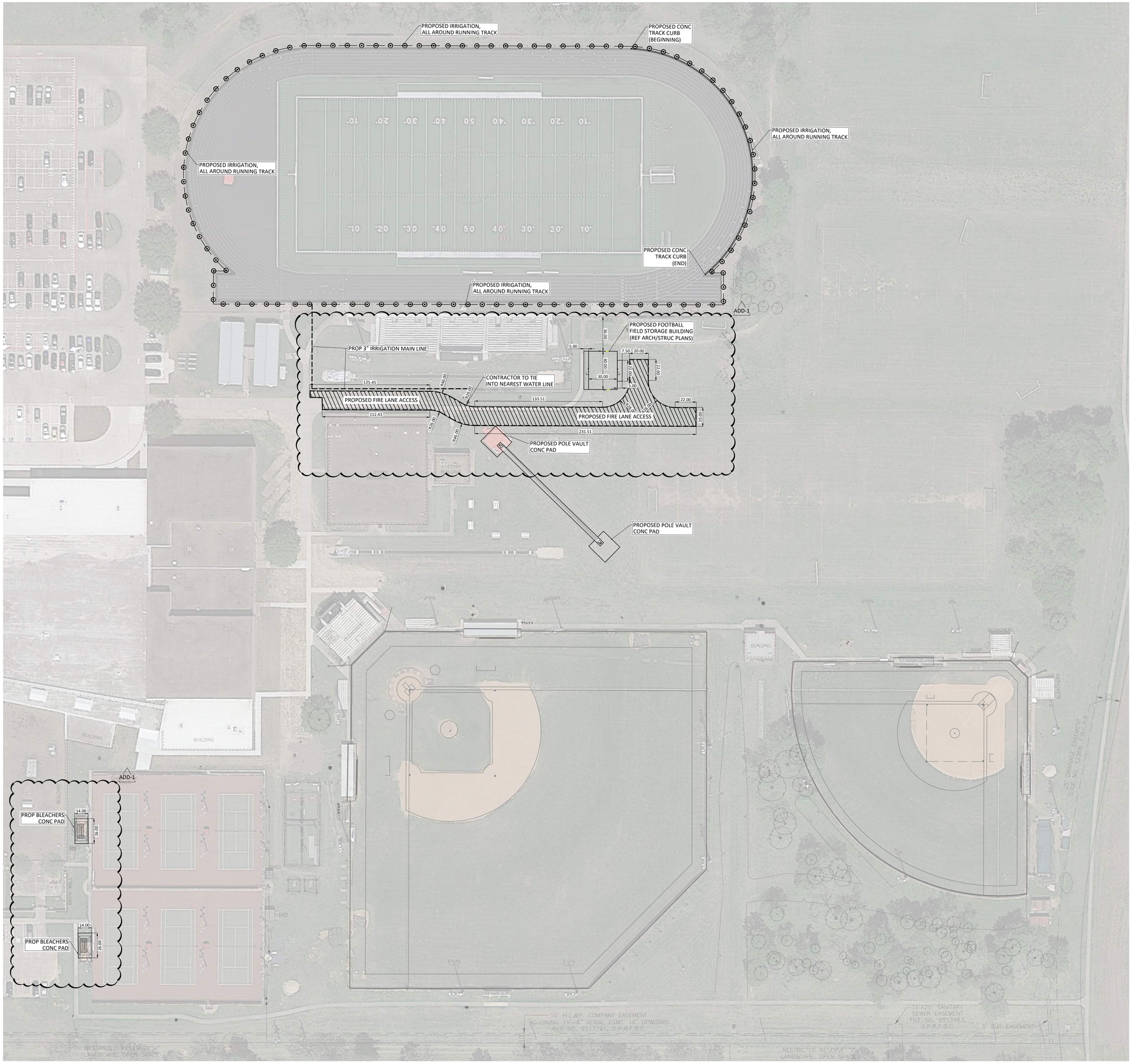

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WARNING - BURIED UTILITIES
CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE VICINITY OF BURIED DRY UTILITIES. EXISTING SBC BURIED CABLES, COMCAST CABLES, CENTERPOINT GAS LINES AND UNDERGROUND ELECTRIC LINES ARE SHOWN AT APPROX. LOCATION & DEPTH BASED ON THE BEST INFORMATION AVAILABLE. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING BURIED CABLES PRIOR TO COMMENCING CONSTRUCTION. SEE PRIVATE UTILITY NOTES. (SHT. F 0.01)

WARNING - UNDERGROUND PIPELINE
CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE VICINITY OF UNDERGROUND PIPELINES. EXISTING CENTER POINT UNDERGROUND PIPELINES ARE SHOWN AT APPROX. LOCATION & DEPTH BASED ON THE BEST INFORMATION AVAILABLE. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. CONTACT WITH CENTER POINT @ (811 or 713-207-2222) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION IN THE AREA.

WARNING - OVERHEAD POWER LINES
CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE VICINITY OF OVERHEAD POWER LINES.

NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND VERIFYING ALL EXISTING CONDITIONS AND GROUND ELEVATIONS.
2. CONTRACTOR TO SEE SHEET C5.01 & C5.02 FOR DETAILS.
3. REFER TO LANDSCAPE PLANS FOR PLANTING IRRIGATION.
4. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
5. ALL DISTURBED AREAS TO BE HYDROMULCHED. AREAS WITH SLOPE GREATER THAN 3:1 SLOPE TO BE SODDED.

NOTE TO CONTRACTOR:

1. REFER TO THE CIVIL / LANDSCAPE DRAWINGS FOR ALL INFORMATION OUTSIDE THE SPORTS DESIGN SCOPE.

20' 40'
40' 0 80'

TEXAS SPORTS & CIVIL ENGINEERING
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TSCE PROJECT # 2508

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AUSTIN HIGH SCHOOL

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FBISD INSPIRE•EQUIP•IMAGINE
16431 LEXINGTON BLVD.
SUGAR LAND, TX 77479

KENNETH I. JURADO
119993
STATE OF TEXAS

12/04/2025

PROJECT NO. BP012
DATE: JUNE 04, 2025
DRAWN BY: EJS CHECKED BY: KJ
REVISIONS:

#	Date	Description
ADD-1	01/12/2026	SITE DIMENSIONS

100% CD

C 1.01-A
CIVIL SPORTS SITE PLAN

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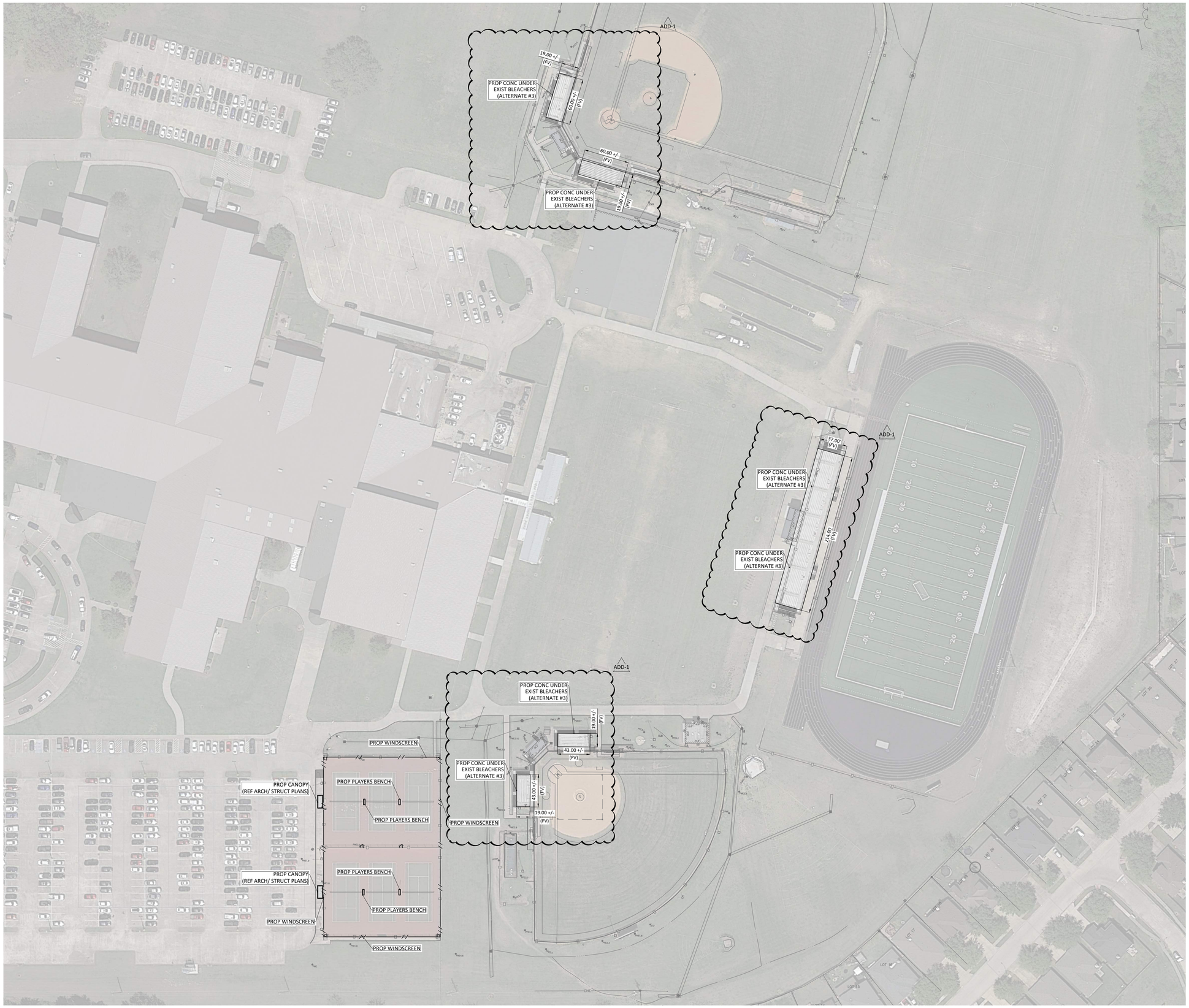

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2. CONTRACTOR TO SEE SHEET C5.01 FOR DETAILS.
3. ALL DISTURBED AREAS TO BE HYDROMULCHED. AREAS WITH SLOPE GREATER THAN 3:1 SLOPE TO BE SODDED.

NOTE TO CONTRACTOR:

1. REFER TO THE CIVIL / LANDSCAPE DRAWINGS FOR ALL INFORMATION OUTSIDE THE SPORTS DESIGN SCOPE.

25' 50'
50' 0 100'

TEXAS SPORTS & CIVIL ENGINEERING
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TSCE PROJECT # 2508

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office 713.222.1141 | fax 713.222.1174
2 Greenway Plaza, Suite 460
Houston, Texas 77046
pflugerarchitects.com

BUSH HIGH SCHOOL

Project Info Additional Text Line

6707 FM 1464, Richmond, TX 77407

FBISD INSPIRE•EQUIP•IMAGINE
16431 LEXINGTON BLVD.
SUGAR LAND, TX 77479

KENNETH I. JURADO
119993
LICENSED
STATE OF TEXAS

12/04/2025

PROJECT NO. BP012
DATE: JUNE 04, 2025
DRAWN BY: EJS CHECKED BY: KJ
REVISIONS:

#	Date	Description
ADD-1	01/12/2026	SITE DIMENSIONS

100% CD

C 1.01-B
CIVIL SPORTS SITE PLAN

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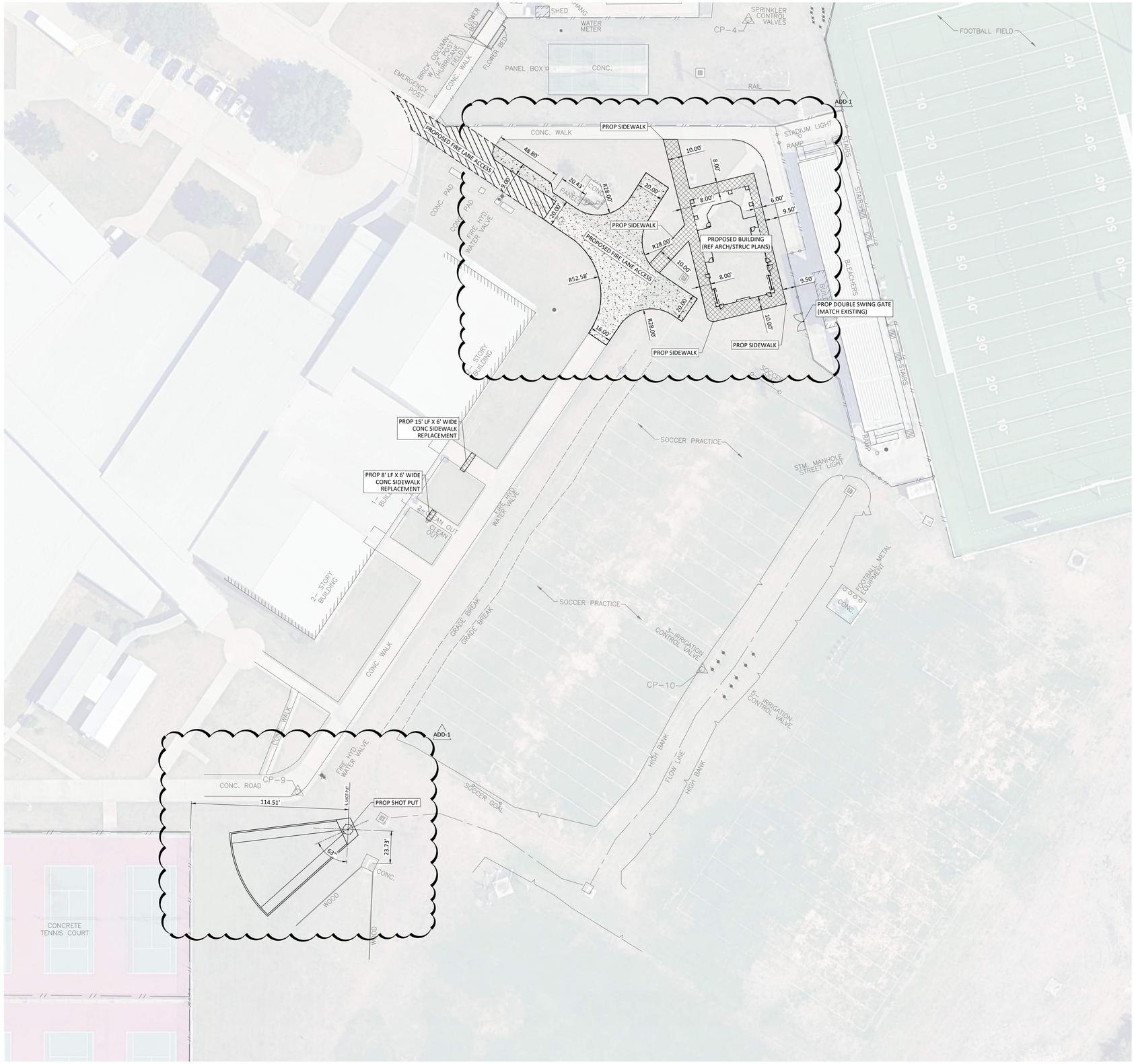

N

NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND VERIFYING ALL EXISTING CONDITIONS AND GROUND ELEVATIONS.
2. CONTRACTOR TO SEE SHEET C 5.01-H TO C5.06-H FOR DETAILS.

LEGEND:

4.5 INCH CONC SIDEWALK

7 INCH CONC DRIVE

15' 30'
30' 0 60'

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HIGHTOWER HIGH SCHOOL

Project Info Additional Text Line
3333 Hurricane Ln, Missouri City, TX 77459

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SUGAR LAND, TX 77479

KENNETH I. JURADO
119993
LICENSED
PROFESSIONAL
ENGINEER

12/04/2025

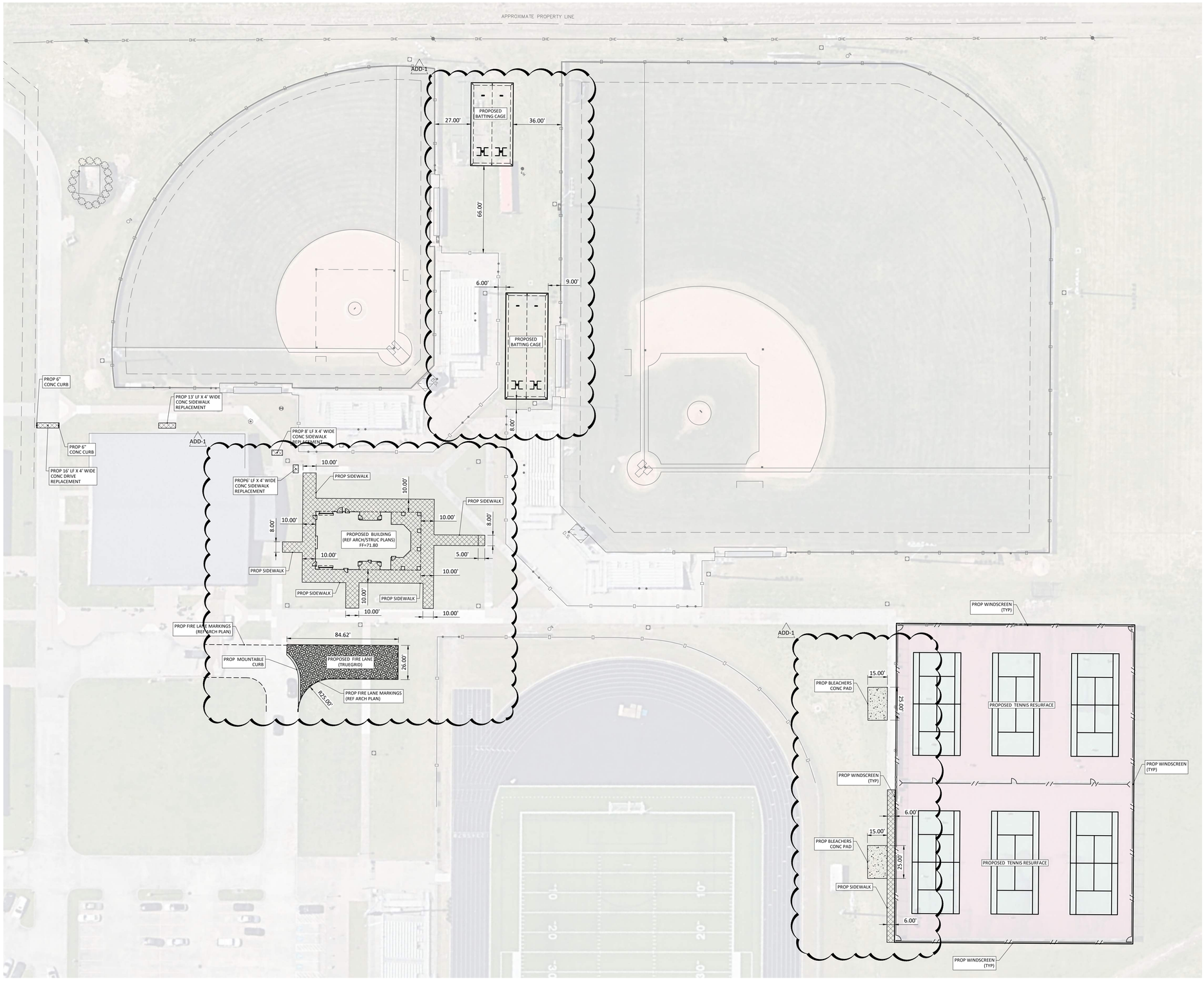
PROJECT NO. BP012
DATE: JUNE 04, 2025
DRAWN BY: EJS CHECKED BY: KJ
REVISIONS:

#	Date	Description
ADD-1	01/12/2026	SITE DIMENSIONS

100% CD

C 1.01-H
CIVIL SPORTS
SITE PLAN

Docusign Envelope ID: CB813C9B-8886-4E87-B148-C9ECD381F6B5



NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND VERIFYING ALL EXISTING CONDITIONS AND GROUND ELEVATIONS.
2. CONTRACTOR TO SEE SHEET C 5.01-M TO C5.06-M FOR DETAILS.

LEGEND:

- 4.5 INCH CONC SIDEWALK
- 5 INCH CONC
- TRUEGRID

15' 30' 0 30' 60'

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MARSHALL HIGH SCHOOL

Project Info Additional Text Line
1220 Buffalo Run, Missouri City, TX 77489

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16431 LEXINGTON BLVD.
SUGAR LAND, TX 77479

KENNETH I. JURADO 119993 LICENSED PROFESSIONAL ENGINEER

12/04/2025

PROJECT NO. BP012
DATE: JUNE 04, 2025
DRAWN BY: EJS CHECKED BY: KJ
REVISIONS:

#	Date	Description
ADD-1	01/12/2026	SITE DIMENSIONS

100% CD

C 1.01-M
CIVIL SPORTS SITE PLAN

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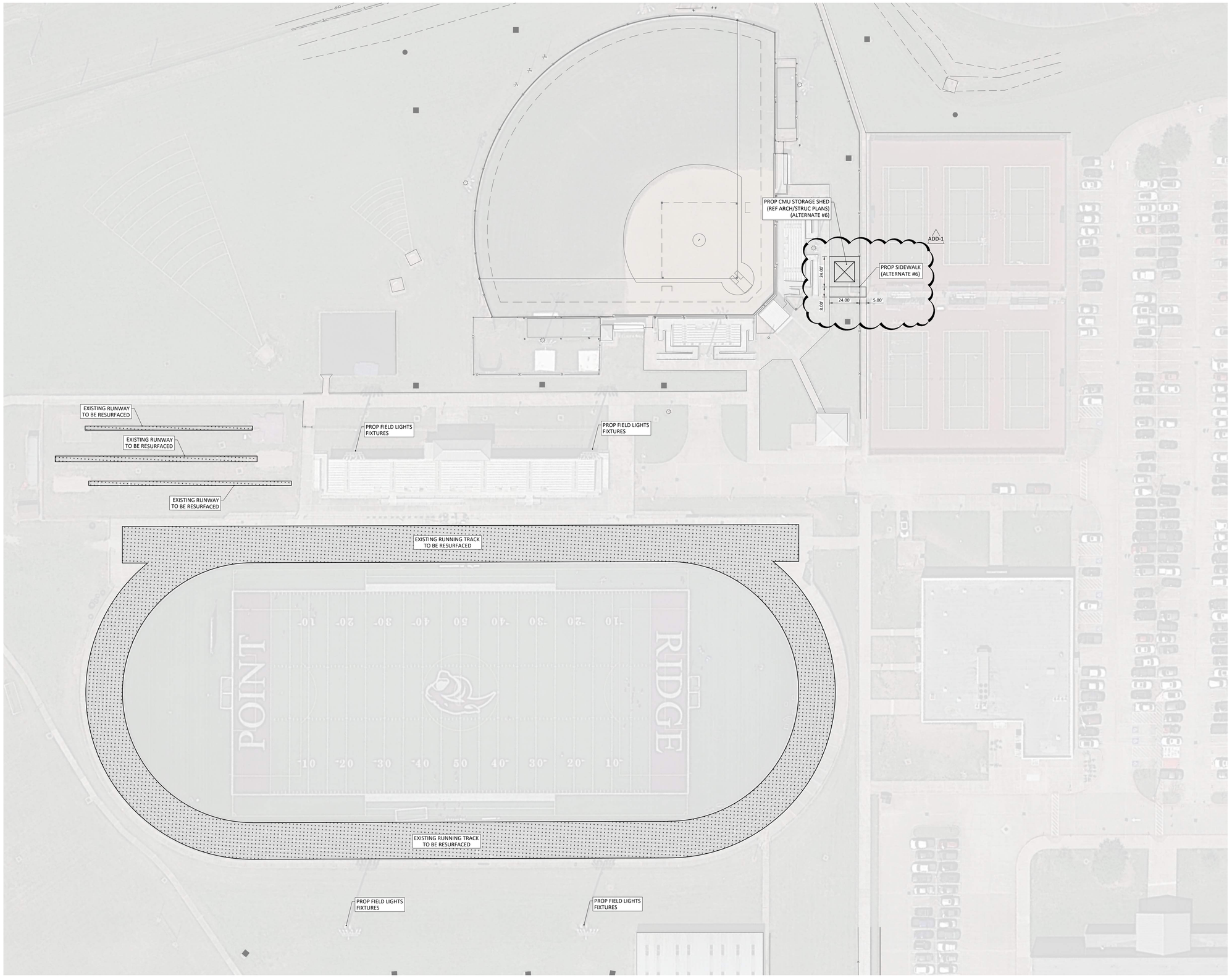

NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND VERIFYING ALL EXISTING CONDITIONS AND GROUND ELEVATIONS.
2. CONTRACTOR TO SEE SHEET C 5.01-R TO C 5.02 FOR DETAILS.

15' 30'
30' 0 60'

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RIDGE POINT HIGH SCHOOL

Project Info Additional Text Line

500 Waters Lake BLVD, Missouri City, TX 77459

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SUGAR LAND, TX 77479

KENNETH I. JURADO
119993
LICENSED
STATE OF TEXAS
SURVEYOR

12/04/2025

PROJECT NO. BP012
DATE: JUNE 04, 2025
DRAWN BY: EJS CHECKED BY: KJ
REVISIONS:

#	Date	Description
ADD-1	01/12/2026	SITE DIMENSIONS

100% CD

C 1.01-R
CIVIL SPORTS
SITE PLAN

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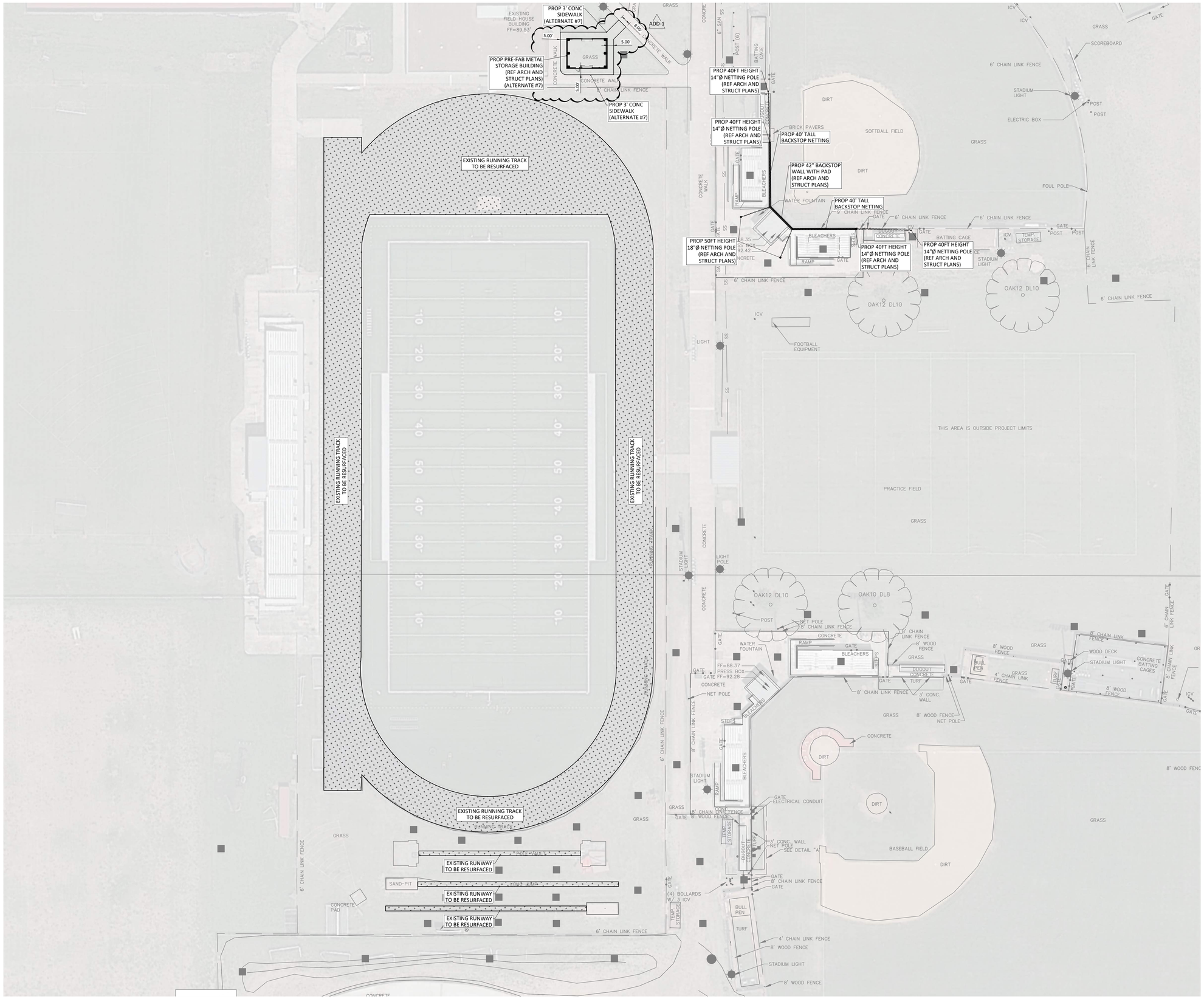

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TRAVIS HIGH SCHOOL

Project Info Additional Text Line

11111 Harlem Rd, Richmond, TX 77406

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SUGAR LAND, TX 77479

KENNETH I. JURADO
11999.3
LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS

12/04/2025

PROJECT NO. BP012
DATE: JUNE 04, 2025
DRAWN BY: EJS CHECKED BY: KJ
REVISIONS:

#	Date	Description
ADD-1	01/12/2026	SITE DIMENSIONS

100% CD

C 1.01-T

CIVIL SPORTS SITE PLAN

TEXAS SPORTS & CIVIL ENGINEERING
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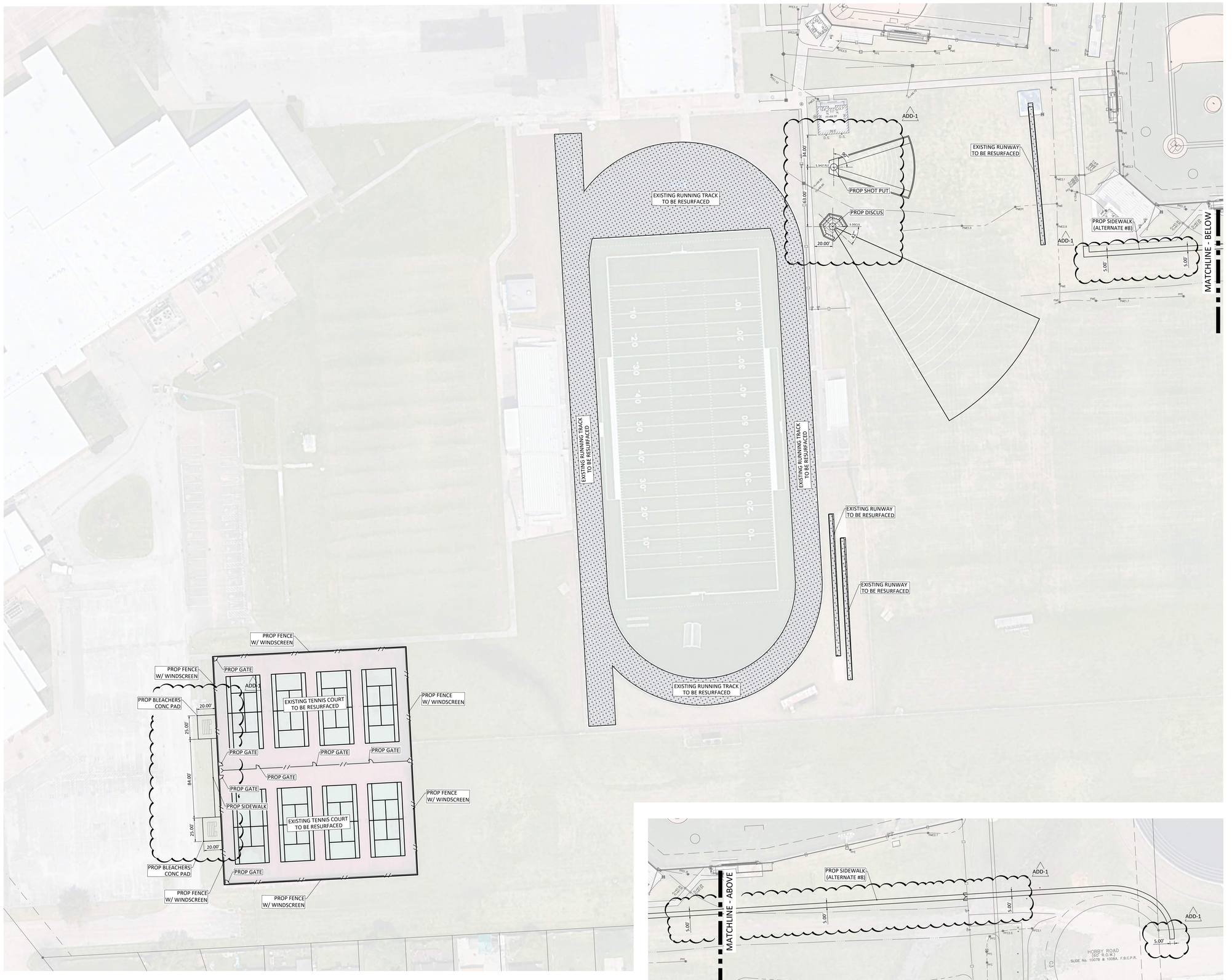

N

NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND VERIFYING ALL EXISTING CONDITIONS AND GROUND ELEVATIONS.
2. CONTRACTOR TO SEE SHEET C 5.01-W TO C5.02-W FOR DETAILS.

20' 40'
40' 0 80'

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WILLOWRIDGE HIGH SCHOOL

Project Info Additional Text Line

16301 Chimney Rock RD, Houston, TX 77053

FBISD
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SUGAR LAND, TX 77479

KENNETH I. JURADO
119993
LICENSED
PROFESSIONAL
ENGINEER

12/04/2025

PROJECT NO. BP012
DATE JUNE 04, 2025
DRAWN BY: EJS CHECKED BY: KJ
REVISIONS

#	Date	Description
ADD-1	01/12/2026	SITE DIMENSIONS

100% CD

C 1.01-W
CIVIL SPORTS
SITE PLAN

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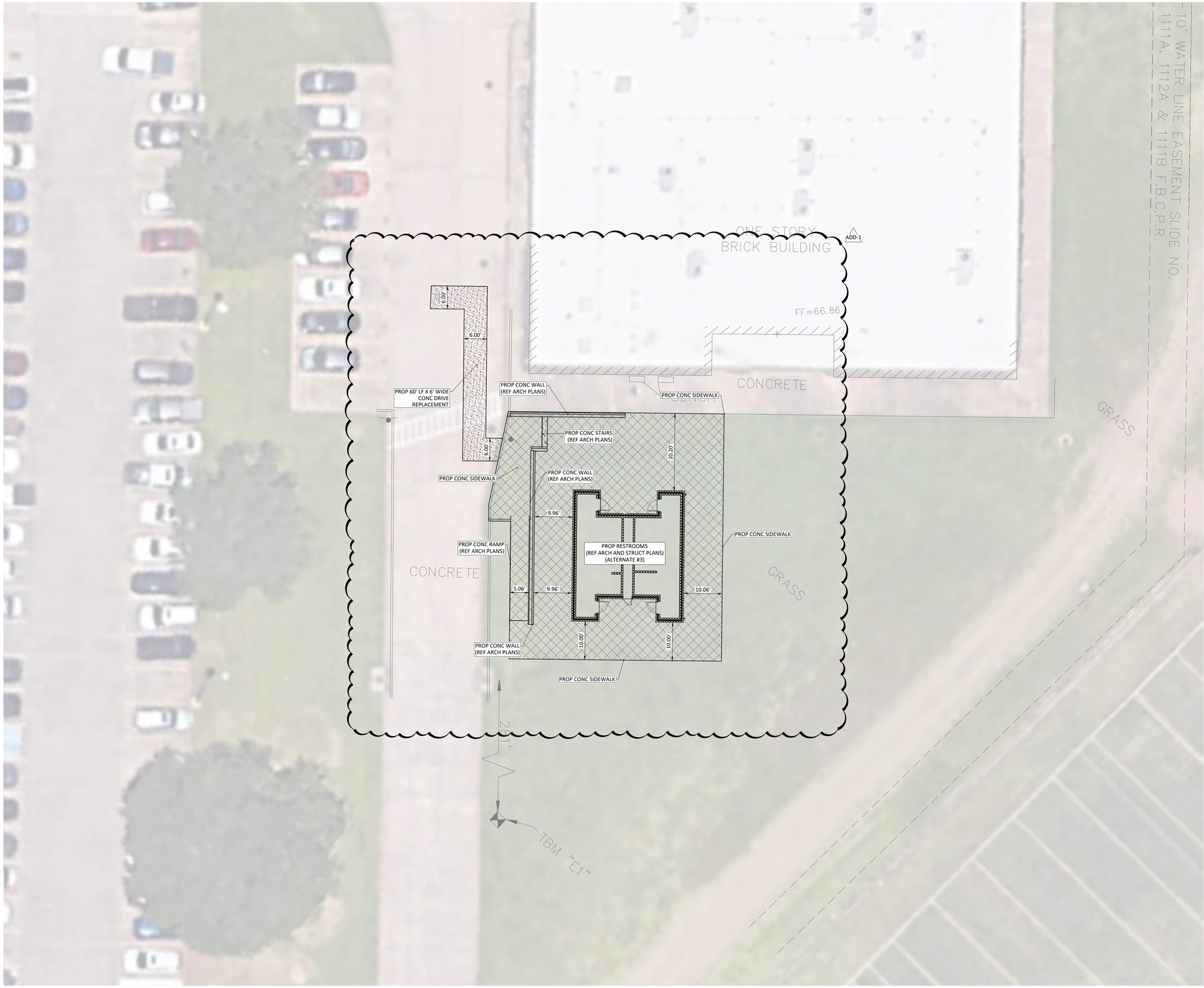

NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND VERIFYING ALL EXISTING CONDITIONS AND GROUND ELEVATIONS.
2. CONTRACTOR TO SEE SHEET C 5.01-E & C 5.04-E FOR DETAILS.

LEGEND:

- 4.5 INCH CONC SIDEWALK
- 6 INCH CONC DRIVE
- 7 INCH CONC DRIVE

5' 10' 10' 0 20'

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ELKINS HIGH SCHOOL
Project Info Additional Text Line
7007 Knights CT, Missouri City, TX 77459

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16431 LEXINGTON BLVD.
SUGAR LAND, TX 77479

KENNETH I. JURADO 119993 LICENSED

12/04/2025

PROJECT NO. BP012
DATE: JUNE 04, 2025
DRAWN BY: EJS CHECKED BY: KJ
REVISIONS:

#	Date	Description
ADD-1	01/12/2026	SITE DIMENSIONS

100% CD

C 1.02-E
CIVIL SPORTS
SITE PLAN - B

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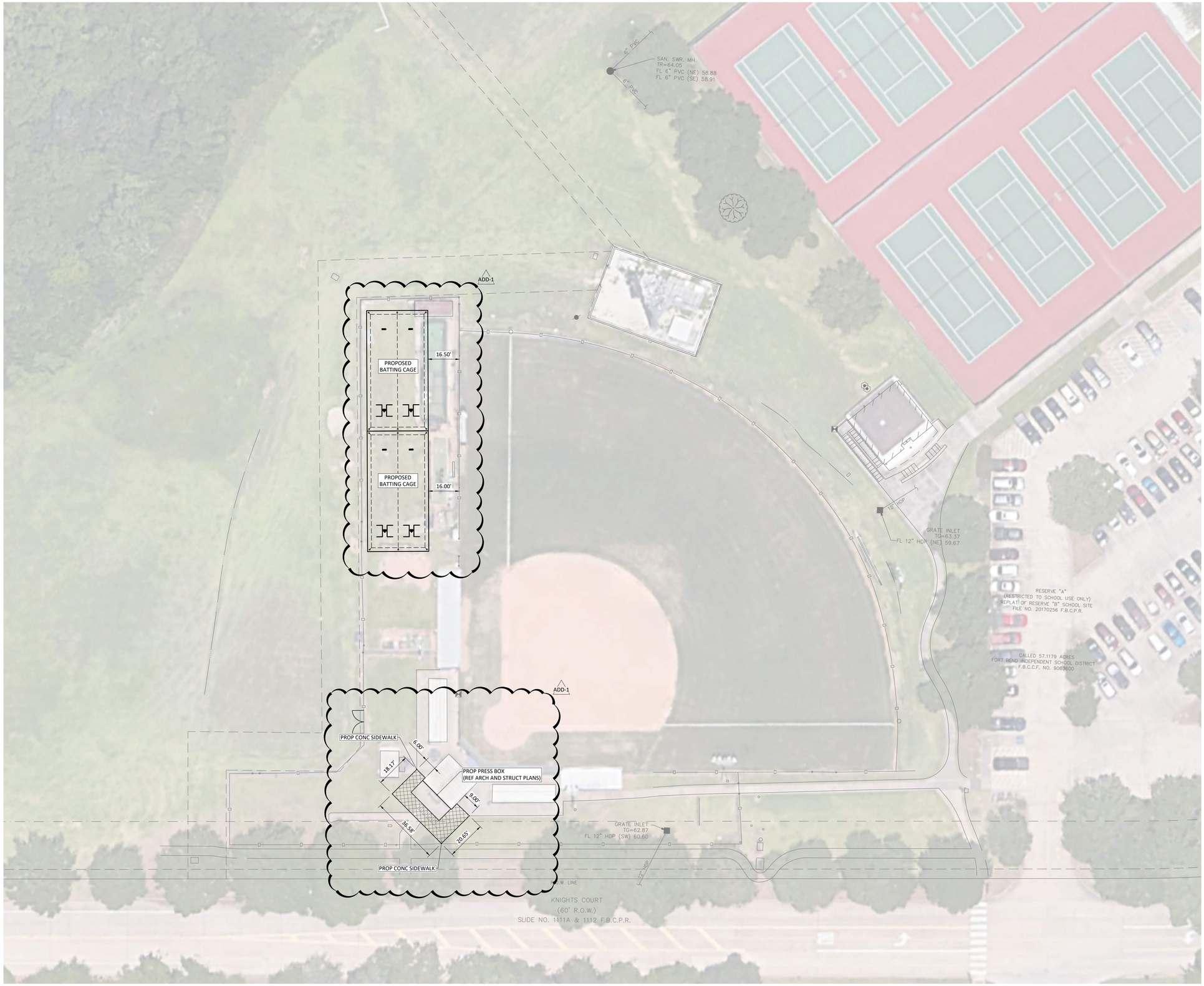

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NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND VERIFYING ALL EXISTING CONDITIONS AND GROUND ELEVATIONS.
2. CONTRACTOR TO SEE SHEET C 5.01-E & C 5.04-E FOR DETAILS.

LEGEND:

- 4.5 INCH CONC SIDEWALK
- 6 INCH CONC DRIVE
- 7 INCH CONC DRIVE

10' 20'
20' 0 40'

TEXAS SPORTS & CIVIL ENGINEERING
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ELKINS HIGH SCHOOL

Project Info Additional Text Line

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SUGAR LAND, TX 77479

KENNETH I. JURADO
119993
LICENSED
STATE OF TEXAS
SURVEYOR

12/04/2025

PROJECT NO. BP012
DATE: JUNE 04, 2025
DRAWN BY: EJS CHECKED BY: KJ
REVISIONS:

#	Date	Description
ADD-1	01/12/2026	SITE DIMENSIONS

100% CD

C 1.03-E
CIVIL SPORTS
SITE PLAN - C

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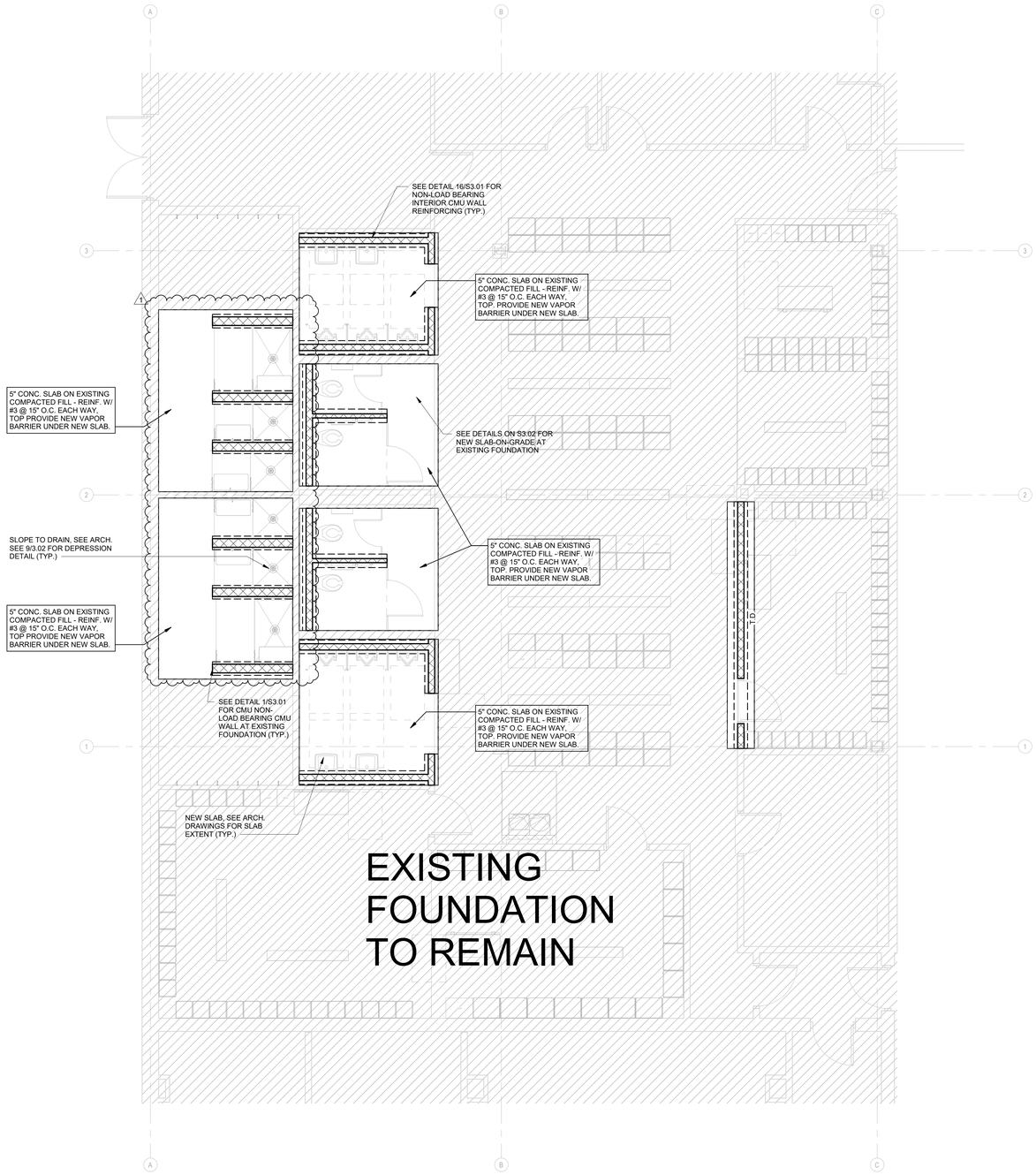

1 EXISTING FOUNDATION PLAN - GYM LOCKER ROOMS
SCALE: 1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. FIELD CORE LAB TO CONFIRM EXISTING FOUNDATION TO BE SLAB-ON-GRADE PRIOR TO DEMOLITION.
2. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL FLOOR SLOPES, DEPRESSIONS, ETC.
3. SEE ARCHITECTURAL DRAWINGS FOR TOP OF SLAB ELEVATION.
4. PROVIDE CONTRACTION JOINTS AND DISCONTINUOUS SLAB REINFORCING AS SHOWN IN DETAIL 6/S302.
5. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION / CONSTRUCTION.
6. T.D. INDICATES TURN DOWNS. SEE DETAIL 13/S3.01.

MATRIX STRUCTURAL
5177 Richmond Avenue, Suite 670
Houston, TX 77056-2401
Tel: 713.664.0130
MSE - 25074

BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

550 Dulles Ave, Sugarland, TX 77478
DULLES HIGH SCHOOL

FBISD
INSPIRE • EQUIP • IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

Matrix Structural Engineers
TBPE Firm Registration No. F-2640

01/14/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: RJC CHECKED BY: KT
REVISIONS:

No.	Date	Description
	12/04/25	100% CD
1	01/14/26	ADDENDUM 01

100% CD

S2.01-D
EXISTING FOUNDATION PLAN - GYM LOCKER ROOMS

1/12/2026 11:19:09 AM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Athl/25074_DULLES_STRUCT_R25.rvt

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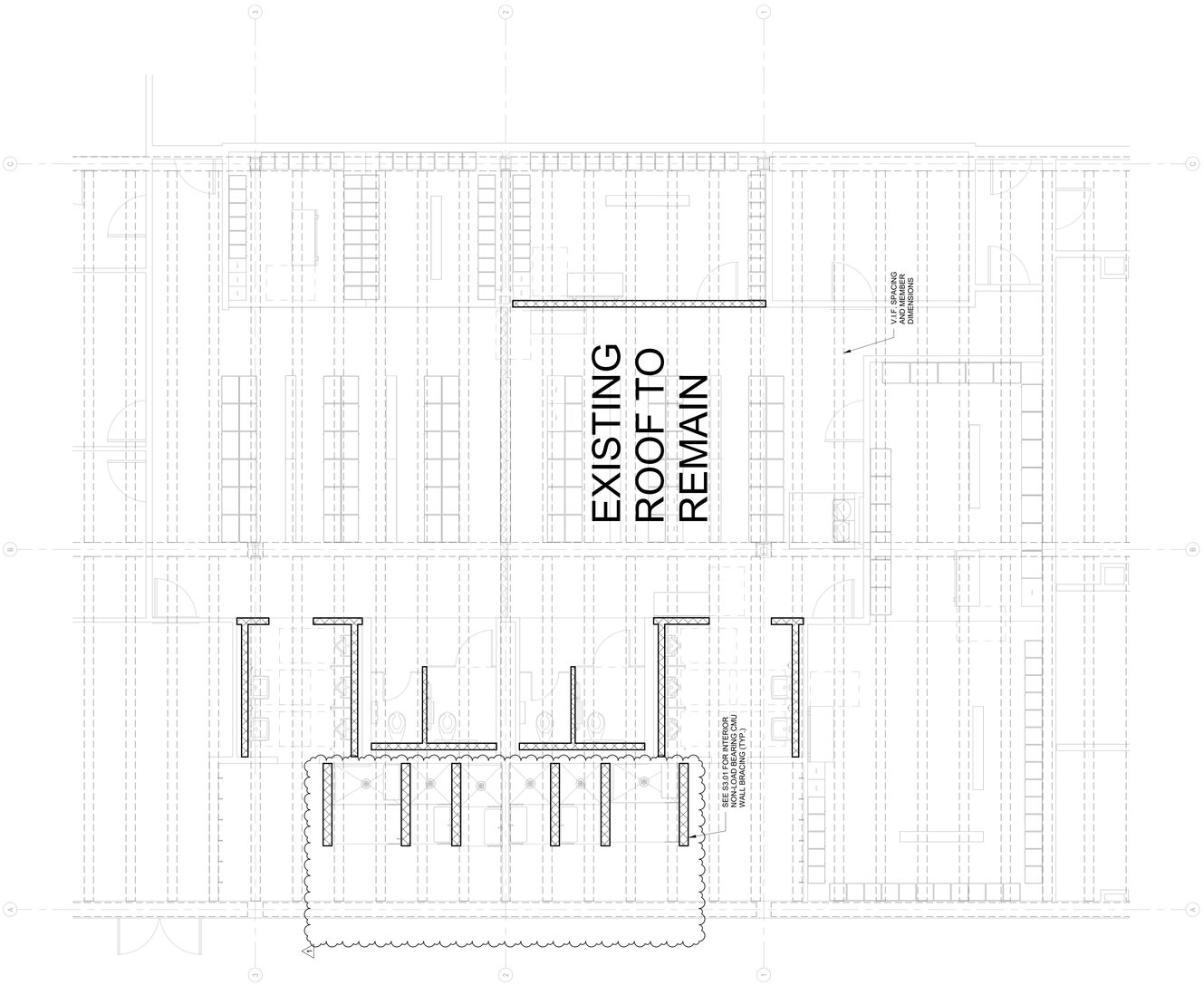

1 EXISTING ROOF FRAMING PLAN - GYM LOCKER ROOMS
SCALE: 1/4" = 1'-0"

Matrix Structural Engineers
TBPE Firm Registration #3340

01/14/2026

PROJECT NO.	25-006
DATE:	12/04/2025
DRAWN BY: RJC	CHECKED BY: KT

REVISIONS

No.	Date	Description
1	12/04/25	100% CD
1	01/14/26	ADDENDUM 01

100% CD

S2.02-D
EXISTING ROOF
FRAMING PLAN - GYM
LOCKER ROOMS

BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS
550 Dulles Ave, Sugarland, TX 77478
DULLES HIGH SCHOOL

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16431 Lexington Blvd.
Sugarland, TX 77479

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Houston, TX 77056-2401
Tel: 713.664.0130
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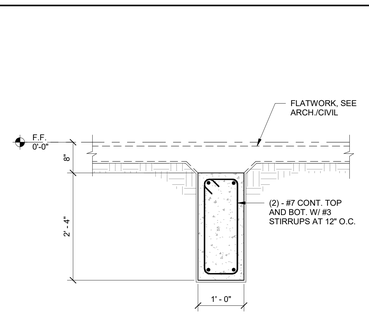
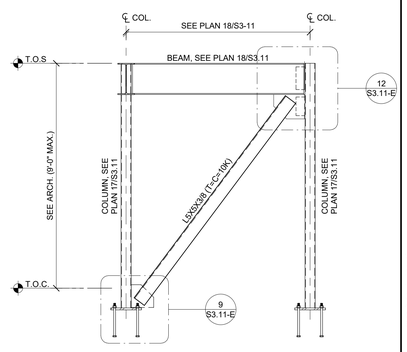


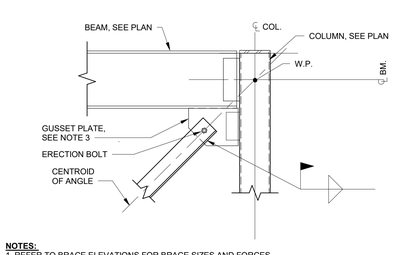
TYPICAL DETAIL
EXTERIOR GRADE BEAM
AT FLATWORK

20 SCALE: 3/4" = 1'-0"



BRACE 2

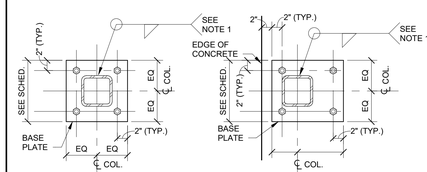
16 SCALE: 1/2" = 1'-0"



NOTES:
1. REFER TO BRACE ELEVATIONS FOR BRACE SIZES AND FORCES.
2. IF NOT PROVIDED, UNLESS NOTED OTHERWISE, THE BRACE FORCE SHALL BE THE MAXIMUM TENSION AND / OR COMPRESSION CAPACITY OF THE BRACE. IF BRACE FORCES ARE SHOWN, THEY ARE FACTORED LOADS (LRFD).
3. GUSSET PLATE SHALL BE CENTERED ON STEEL BEAM AND DESIGNED TO DEVELOP BRACE FORCE.
4. BOLTS AND WELDS SHALL BE DESIGNED BY THE FABRICATOR FOR THE VERTICAL AND HORIZONTAL COMPONENTS OF THE BRACE FORCE INCLUDING THE EFFECT OF ECCENTRICITY. THE MINIMUM SIZE FILLET WELD SHALL BE 1/4"

TYPICAL DETAIL BRACE CONNECTION

12 SCALE: 3/4" = 1'-0"



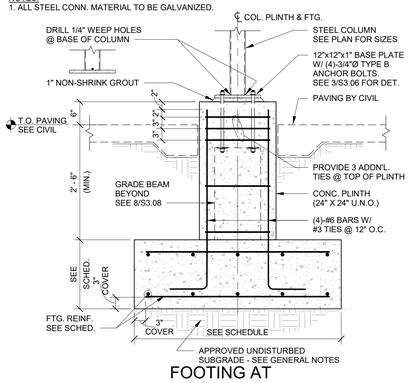
BASE PLATE SCHEDULE		
COLUMN	BASE PLATE	ANCHOR BOLTS
HSS 4 x 4	12" x 12" x 1"	(4)-3/4"Ø TYPE B

NOTES:
1. MINIMUM FILLET WELD ACCORDING TO AISC (1/4" MIN.). WELDING AROUND CORNER RADIUS IS NOT REQUIRED U.N.O.
2. USE OVERSIZED HOLES FOR ANCHOR RODS ACCORDING TO AISC.
3. WASHERS SHALL BE INSTALLED OVER OVERSIZED HOLES.
4. CONTRACTOR SHALL PROVIDE 1/8" THICK TEMPLATE FOR ANCHOR ROD INSTALLATION.

TYPICAL DETAIL
BASE PLATE AT HSS COLUMNS

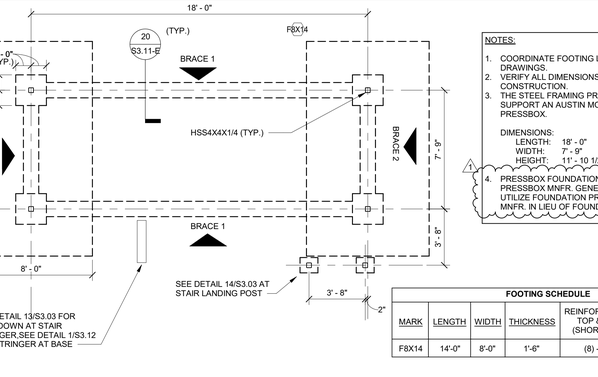
8 SCALE: N.T.S.

NOTES:
1. ALL STEEL CONN. MATERIAL TO BE GALVANIZED.



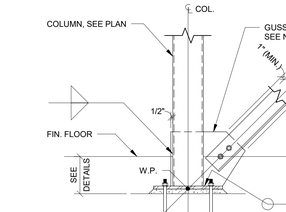
FOOTING AT
PRESSBOX FOUNDATION

4 SCALE: 3/4" = 1'-0"



BRACE 1

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



NOTES:
1. REFER TO BRACE ELEVATIONS FOR BRACE SIZES AND FORCES.
2. IF NOT PROVIDED, UNLESS NOTED OTHERWISE, THE BRACE FORCE SHALL BE THE MAXIMUM TENSION AND / OR COMPRESSION CAPACITY OF THE BRACE. IF BRACE FORCES ARE SHOWN, THEY ARE FACTORED LOADS (LRFD).
3. GUSSET PLATE SHALL BE CENTERED ON STEEL BEAM AND DESIGNED TO DEVELOP BRACE FORCE.
4. BOLTS AND WELDS SHALL BE DESIGNED BY THE FABRICATOR FOR THE VERTICAL AND HORIZONTAL COMPONENTS OF THE BRACE FORCE INCLUDING THE EFFECT OF ECCENTRICITY. THE MINIMUM SIZE FILLET WELD SHALL BE 1/4"

TYPICAL DETAIL BRACE CONNECTION

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

TYPE "B" WASHER SCHEDULE		
ANCHOR ROD DIA.	WASHER SIZE*	MIN. WASHER THICKNESS
3/4"	2"	1/4"
7/8"	2 1/2"	5/16"
1"	3"	3/8"
1 1/4"	3 1/2"	1/2"
1 1/2"	4"	1/2"
1 3/4"	4 1/2"	5/8"
2"	5"	3/4"
2 1/2"	5 1/2"	7/8"

NOTE:
USE TYPE "B" ANCHOR BOLTS AT COLUMNS WITH DIAGONAL BRACES, MOMENT CONNECTIONS, & AT CANOPY COLUMNS

*CIRCULAR OR SQUARE WASHERS MEETING WASHER SIZE ARE ACCEPTABLE

TYPICAL DETAIL ANCHOR BOLT

7 SCALE: N.T.S.

NOTE:
COORDINATE W/ ARCH. FOR LOCATION.

MONUMENT FOUNDATION

3 SCALE: 3/4" = 1'-0"

NOTES:
1. COORDINATE FOOTING LOCATIONS WITH ARCH. DRAWINGS.
2. VERIFY ALL DIMENSIONS PRIOR TO FABRICATION/ CONSTRUCTION.
3. THE STEEL FRAMING PROVIDED IS DESIGNED TO SUPPORT AN AUSTIN MOHAWK PREFABRICATED PRESSBOX.

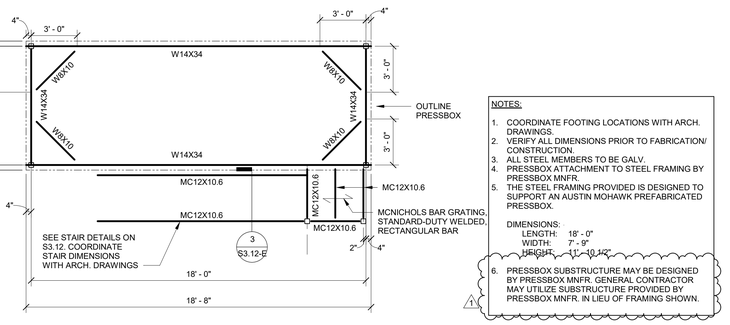
DIMENSIONS:
LENGTH: 18' - 0"
WIDTH: 7' - 9"
HEIGHT: 11' - 10 1/2"

4. PRESSBOX FOUNDATION MAY BE DESIGNED BY PRESSBOX MNFR. GENERAL CONTRACTOR MAY UTILIZE FOUNDATION PROVIDED BY PRESSBOX MNFR. IN LIEU OF FOUNDATION SHOWN.

FOOTING SCHEDULE					
MARK	LENGTH	WIDTH	THICKNESS	REINFORCEMENT TOP & BOT. (SHORT WAY)	REINFORCEMENT TOP & BOT. (LONG WAY)
F8X14	14'-0"	8'-0"	1'-6"	(8) - #6	(14) - #6

PRESSBOX SUB-STRUCTURE FOUNDATION PLAN

17 SCALE: 1/4" = 1'-0"



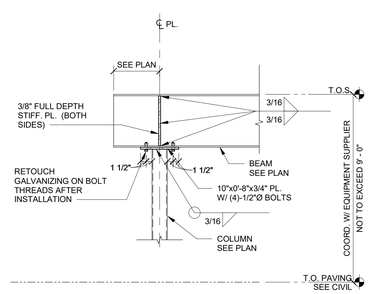
NOTES:
1. COORDINATE FOOTING LOCATIONS WITH ARCH. DRAWINGS.
2. VERIFY ALL DIMENSIONS PRIOR TO FABRICATION/ CONSTRUCTION.
3. ALL STEEL MEMBERS TO BE GALV.
4. PRESSBOX ATTACHMENT TO STEEL FRAMING BY PRESSBOX MNFR.
5. THE STEEL FRAMING PROVIDED IS DESIGNED TO SUPPORT AN AUSTIN MOHAWK PREFABRICATED PRESSBOX.

DIMENSIONS:
LENGTH: 18' - 0"
WIDTH: 7' - 9"
HEIGHT: 11' - 10 1/2"

6. PRESSBOX SUBSTRUCTURE MAY BE DESIGNED BY PRESSBOX MNFR. GENERAL CONTRACTOR MAY UTILIZE SUBSTRUCTURE PROVIDED BY PRESSBOX MNFR. IN LIEU OF FRAMING SHOWN.

FRAMING PLAN - PRESSBOX SUBSTRUCTURE

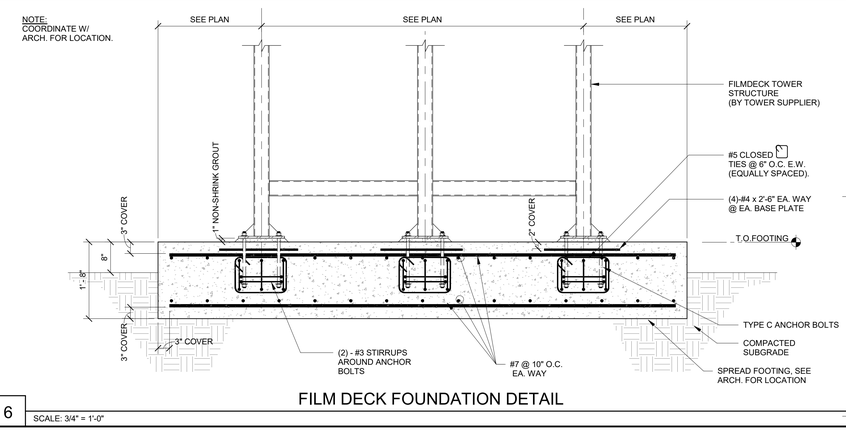
18 SCALE: 1/4" = 1'-0"



STEEL BEAM TO STEEL COLUMN
CONNECTION AT CHILLER TOWER

10 SCALE: 3/4" = 1'-0"

NOTE:
COORDINATE W/ ARCH. FOR LOCATION.



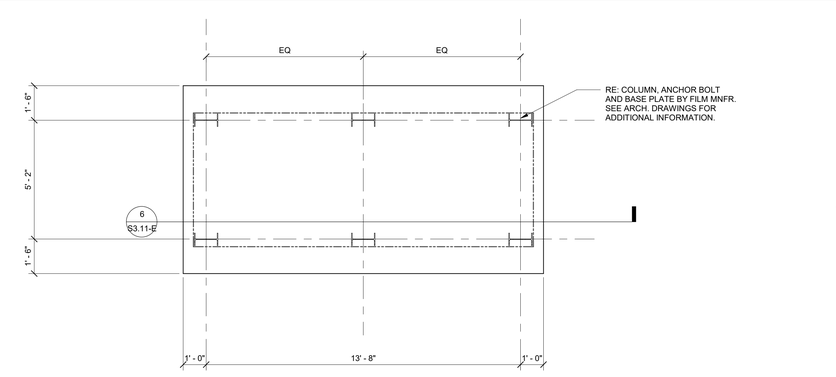
FILM DECK FOUNDATION DETAIL

6 SCALE: 3/4" = 1'-0"

NOTES:
1. REFER TO BRACE ELEVATIONS FOR BRACE SIZES AND FORCES.
2. IF NOT PROVIDED, UNLESS NOTED OTHERWISE, THE BRACE FORCE SHALL BE THE MAXIMUM TENSION AND/OR COMPRESSION CAPACITY OF THE BRACE. IF BRACE FORCES ARE SHOWN, THEY ARE FACTORED LOADS (LRFD).
3. GUSSET PLATE SHALL BE CENTERED ON STEEL BEAM AND DESIGNED TO DEVELOP BRACE FORCE.
4. BOLTS AND WELDS SHALL BE DESIGNED BY THE FABRICATOR FOR THE VERTICAL AND HORIZONTAL COMPONENTS OF THE BRACE FORCE INCLUDING THE EFFECT OF ECCENTRICITY. THE MINIMUM SIZE FILLET WELD SHALL BE 1/4".

TYPICAL DETAIL BRACE CONNECTION

9 SCALE: 3/4" = 1'-0"



FILM DECK FOUNDATION PLAN

5 SCALE: 3/8" = 1'-0"

MATRIX STRUCTURAL
5177 Richmond Avenue, Suite 670
Houston, TX 77056-2401
Tel: 713.664.0130
MSE - 25014

BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

7007 Knights Ct, Missouri City, TX 77459
ELKINS HIGH SCHOOL

FBISD
INSPIRE•EQUIP•IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

Matrix Structural Engineers
TBPE Firm Registration No. F-2640

01/14/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: RJC CHECKED BY: KT
REVISIONS:

No.	Date	Description
	12/04/2025	100% CD
1	01/14/26	ADDENDUM 01

100% CD

S3.11-E
FOUNDATION SITE DETAILS

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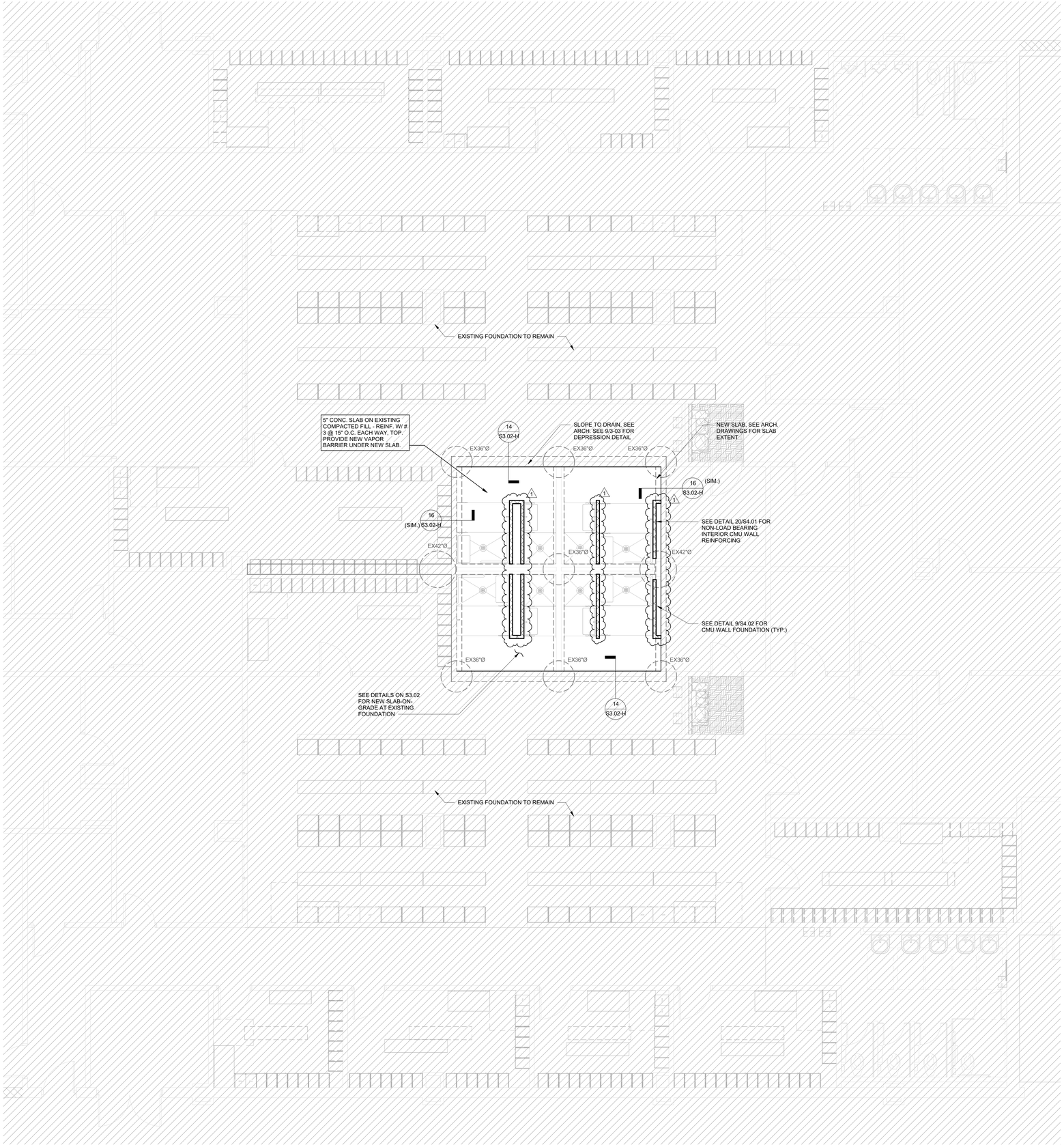

1 FOUNDATION PLAN - GYM - EXISTING
SCALE: 1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL FLOOR SLOPES, DEPRESSIONS, ETC.
2. SEE ARCHITECTURAL DRAWINGS FOR TOP OF SLAB ELEVATION.
3. PROVIDE CONTRACTION JOINTS AND DISCONTINUOUS SLAB REINFORCING AS SHOWN IN DETAIL 6/S3.03.
4. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION / CONSTRUCTION.
5. T.D. INDICATES TURN DOWNS. SEE DETAIL 9/S3.02.

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

3333 Hurricane Ln, Missouri City, TX 77459

HIGHTOWER HIGH SCHOOL

FBISD
INSPIRE • EQUIP • IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

Matrix Structural Engineers
TBPE Firm Registration No. F-2640

STATE OF TEXAS
KHALIL TABAJA
PROFESSIONAL ENGINEER
01/14/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: RJC CHECKED BY: KT
REVISIONS:

No.	Date	Description
	12/04/25	100% CD
1	01/14/26	ADDENDUM 01

100% CD

S2.11-H
EXISTING FOUNDATION PLAN - GYM

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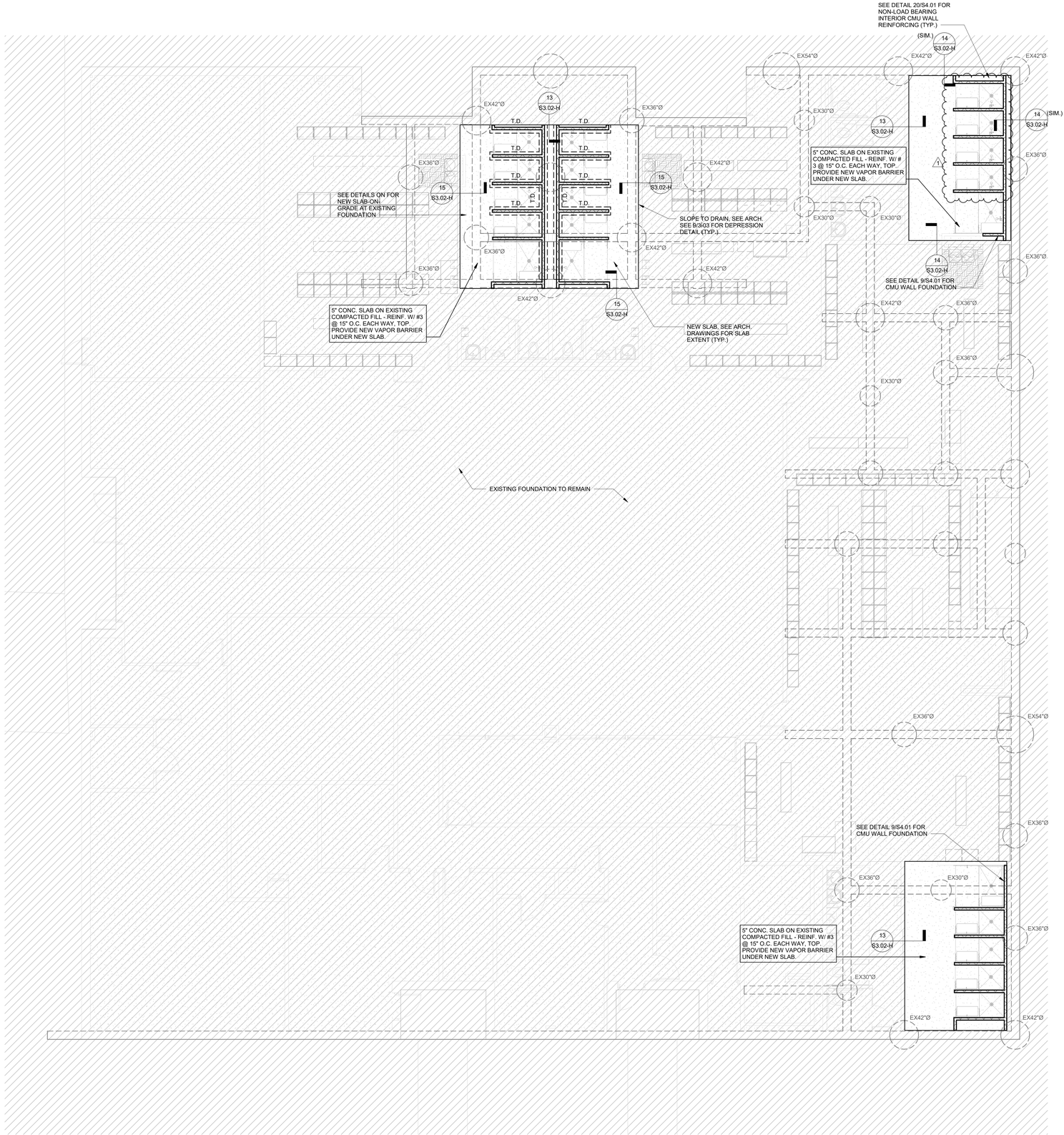

1 FOUNDATION PLAN - FIELD HOUSE - EXISTING
SCALE: 3/16" = 1'-0"

FOUNDATION PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL FLOOR SLOPES, DEPRESSIONS, ETC.
2. SEE ARCHITECTURAL DRAWINGS FOR TOP OF SLAB ELEVATION.
3. PROVIDE CONTRACTION JOINTS AND DISCONTINUOUS SLAB REINFORCING AS SHOWN IN DETAIL 6/S3.03.
4. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION / CONSTRUCTION.
5. T.D. INDICATES TURN DOWNS. SEE DETAIL 9/S3.02.

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

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TBPE Firm Registration No. F-2640
STATE OF TEXAS
KHALIL TABAJA
137126
LICENSED
PROFESSIONAL
ENGINEER
01/14/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: RJC CHECKED BY: KT
REVISIONS:

No.	Date	Description
	12/04/25	100% CD
1	01/14/26	ADDENDUM 01

100% CD

S2.21-H
EXISTING FOUNDATION PLAN - FIELD HOUSE

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INTERIOR NON-LOAD BEARING CMU WALL JAMB SCHEDULE							
WALL THICKNESS	SPANNING CMU HEIGHT	OPENING WIDTH					
		< 3' - 0"		< 6' - 0"		< 10' - 0"	
		# OF CELLS	REINF.	# OF CELLS	REINF.	# OF CELLS	REINF.
6"	14' - 0"	1	#4	1	#4	1	#4
6"	22' - 0"	1	#4	2	#4	2	#4
6"	33' - 0"	3	#5	4	#5	7	#5
6"	38' - 0"	5	#5	10	#5	NA	NA
8"	20' - 0"	1	#5	1	#5	1	#5
8"	37' - 6"	2	#5	2	(2)-#5	2	(2)-#5
8"	50' - 0"	3	(2)-#5	4	(2)-#6	5	(2)-#6

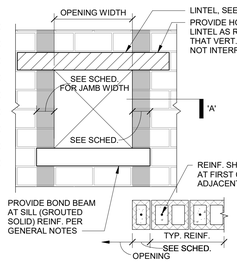
6" WALL SCHEDULE	
MAX HEIGHT	VERTICAL REINFORCING
14' - 0"	NONE
15' - 6"	GROUT @ 48"
20' - 0"	(1)-#4 @ 56"
22' - 0"	(1)-#4 @ 48"
29' - 6"	(1)-#4 @ 24"
33' - 0"	(1)-#4 @ 16"
38' - 0"**	(1)-#4 @ 8"

8" WALL SCHEDULE	
MAX HEIGHT	VERTICAL REINFORCING
20' - 0"	NONE
22' - 0"	GROUT @ 48"
27' - 0"	(1)-#5 @ 64"
33' - 6"	(1)-#5 @ 48"
37' - 6"	(1)-#5 @ 32"
43' - 0"	(2)-#5 @ 40"
50' - 0"	(2)-#5 @ 16"

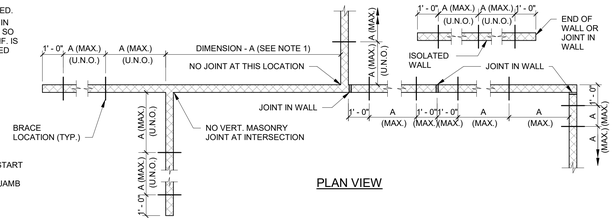
** ONLY ALLOWED IF MAX OPENING IN WALL IS LESS THAN 6'-0" WITH 7'-0" JAMBS TO THE SIDE OF OPENING

4" WALL SCHEDULE	
MAX HEIGHT	VERTICAL REINFORCING
8' - 6"	NONE
9' - 6"	GROUT @ 48"
10' - 0"	GROUT @ 40"
10' - 6"	GROUT @ 24"
11' - 6"	GROUT @ 16"
14' - 0"	GROUT @ 8"

NO OPENINGS ALLOWED IN 4" WALLS WITHOUT BACKUP



NOTE:
NO CONTROL JOINTS ALLOWED WITHIN SHADED AREA OR ABOVE OR BELOW OPENING



PLAN VIEW

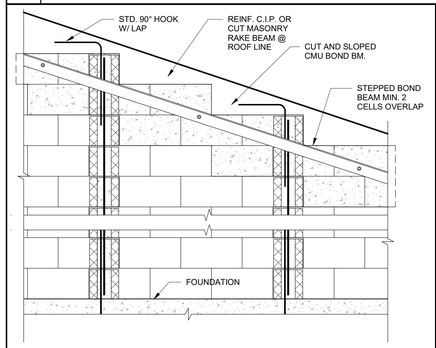
NOTES:
1. ALL INTERIOR CMU WALLS SHALL BE BRACED AT TOP IF DISTANCE BETWEEN INTERSECTING WALLS (DIMENSION- A) IS MORE THAN 26 TIMES THE WALL NOMINAL THICKNESS. THERE SHALL BE NO JOINT BETWEEN WALLS AT THE INTERSECTIONS OR IN BETWEEN THE INTERSECTING WALLS. THERE SHALL BE NO DOORS OR ANY OTHER OPENINGS LARGER THAN 24 INCHES WITHOUT JAMB REINFORCING, SEE SCHEDULE FOR LARGER OPENINGS. MINIMUM LENGTH OF INTERSECTING WALLS SHALL BE 4 FEET.
2. REINFORCE VERTICALLY SPANNING CMU WALLS AS FOLLOWS:

BAR SIZE	MINIMUM LAP SPLICE LENGTH				REINFORCEMENT OFF CENTER	HOOKED BAR DEVELOPMENT LENGTH
	REINFORCEMENT AT CENTER OF WALL					
	6" CMU	8" CMU	10" CMU	12" CMU	ANY	ANY
3	12	12	12	12	17	5
4	18	13	12	12	29	7
5	28[4]	20	16	13	45	9
6	51[4]	37	29	24	54	10
7	NA[5]	50	39	32	63	12
8	NA[5]	72	58	48	72	13

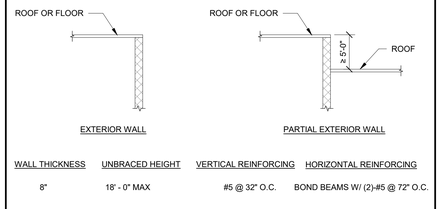
NOTES:
1. TABLE FOR USE WITH GRADE 60 UNCOATED REINF. BARS IN CMU (fm = 2000 psi)
2. BARS SPLICED BY NON-CONTACT LAP SPLICE SHALL NOT BE SPACED FARTHER APART THAN ONE-FIFTH THE REQUIRED LAP LENGTH, OR 8".
3. LAP LENGTHS PER IBC 2021.
4. PERMITTED ONLY IF ALL MORTAR FINS ARE REMOVED ROM THE CELL TO BE GROUTED.
5. BAR EXCEEDS MAX. ALLOWABLE SIZE.
6. DEVELOPMENT LENGTH OF EPOXY COATED BARS SHALL BE TAKEN AS 1.5 TIMES THE VALUES IN THE CHART.

20 TYPICAL DETAIL - NON-LOAD BEARING INTERIOR/CMU WALLS BRACING AND REINFORCING STEEL
SCALE: N.T.S.

4 TYPICAL DETAIL MASONRY TENSION LAP SPLICE (INCHES)
SCALE: N.T.S.



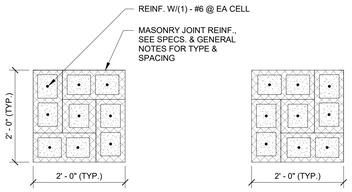
19 TYPICAL DETAIL MASONRY EDGE AT SLOPES AND GABLES
SCALE: N.T.S.



WALL THICKNESS	UNBRACED HEIGHT	VERTICAL REINFORCING	HORIZONTAL REINFORCING
8"	18' - 0" MAX	#5 @ 32" O.C.	BOND BEAMS W/ (2)-#5 @ 72" O.C.

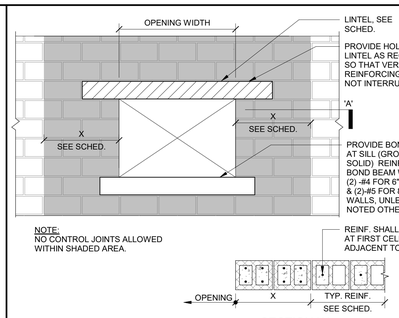
NOTES:
1. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
2. ALL REINFORCING STEEL SHALL BE CONTINUOUS BETWEEN FOUNDATION AND TOP OF CMU. SPLICE REINFORCING PER GENERAL NOTES. ALL REINFORCED CELLS SHALL BE GROUTED SOLID.
3. AT FOUNDATION, PROVIDE DOWELS TO MATCH SIZE AND SPACING OF VERTICAL BARS.
4. CONSULT WITH ARCH./EOR WHEN HEIGHT OF WALL EXCEEDS THE HEIGHT SHOWN HERE.
5. PROVIDE CONTINUOUS BOND BEAMS AT THE TOP OF WALLS. REINFORCE BOND BEAMS WITH (2) - #5, UNLESS NOTED OTHERWISE.

15 TYPICAL DETAIL - EXTERIOR CMU WALL
SCALE: N.T.S.



ALTERNATE COURSES

11 TYPICAL DETAIL MASONRY COLUMNS
SCALE: 3/4" = 1'-0"

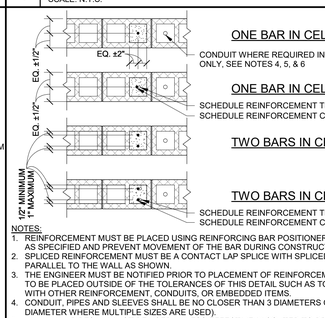


NOTE:
NO CONTROL JOINTS ALLOWED WITHIN SHADED AREA.

SECTION 'A'

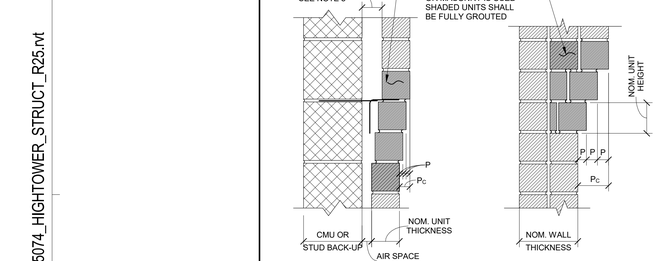
OPENING SIZE	JAMB WIDTH 'X'	JAMB REINF.
≤ 4' - 0"	2' - 0"	(2) - #5 @ 8" O.C.
≤ 10' - 0"	3' - 0"	(2) - #5 @ 8" O.C.

7 CMU JAMB REINFORCING SCHEDULE
SCALE: N.T.S.



NOTES:
1. REINFORCEMENT MUST BE PLACED USING REINFORCING BAR POSITIONERS THAT LOCATE THE BAR AS SPECIFIED AND PREVENT MOVEMENT OF THE BAR DURING CONSTRUCTION.
2. SPLICED REINFORCEMENT MUST BE A CONTACT LAP SPLICE WITH SPLICED BARS ALIGNED PARALLEL TO THE WALL AS SHOWN.
3. THE ENGINEER MUST BE NOTIFIED PRIOR TO PLACEMENT OF REINFORCEMENT THAT IS REQUIRED TO BE PLACED OUTSIDE OF THE TOLERANCES OF THIS DETAIL SUCH AS TO AVOID INTERFERENCE WITH OTHER REINFORCEMENT, CONDUITS, OR EMBEDDED ITEMS.
4. CONDUIT, PIPES AND SLEEVES SHALL BE NO CLOSER THAN 3 DIAMETERS ON CENTER (USE LARGER DIAMETER WHERE MULTIPLE SIZES ARE USED).
5. ALUMINUM PIPES MAY NOT BE USED UNLESS EFFECTIVELY COATED TO PREVENT CHEMICAL REACTION.
6. PIPES SHALL NOT BE EMBEDDED IN MASONRY WHEN:
   (a) CONTAINING LIQUIDS, GAS, OR VAPORS AT A TEMPERATURE HIGHER THAN 150°F (66°C).
   (b) UNDER PRESSURE IN EXCESS OF 55 PSI (379 KPA).
   (c) CONTAINING WATER OR OTHER LIQUIDS SUBJECT TO FREEZING.

3 TYPICAL DETAIL CMU VERTICAL BAR PLACEMENT
SCALE: N.T.S.



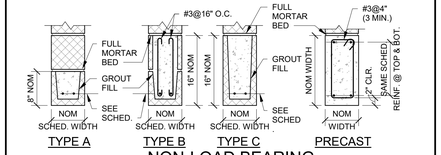
AT SINGLE WYTHE AT MULTI WYTHE

NOTES:
1. P_C INDICATES ALLOWABLE TOTAL HORIZONTAL PROJECTION OF CORBELLING.
2. P INDICATES ALLOWABLE PROJECTION OF ONE UNIT.
3. P_C SHALL BE LESS THAN OR EQUAL TO ONE-HALF OF NOMINAL UNIT THICKNESS.
4. P SHALL BE LESS THAN OR EQUAL TO THE LESSER OF ONE-HALF OF NOMINAL UNIT HEIGHT OR ONE-THIRD OF NOMINAL UNIT THICKNESS.
5. THE BACK SURFACE OF THE CORBELLED SECTION SHALL REMAIN WITHIN 1" OF PLANE.

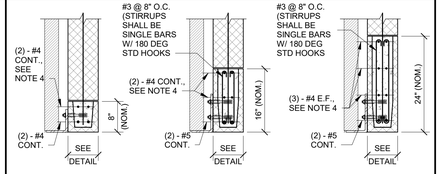
18 TYPICAL DETAIL CORBELS AT MASONRY VENEER
SCALE:N.T.S.

CLEAR SPAN	REINFORCING REQUIREMENTS IN NOMINAL LINTEL SECTION								
	4x8	6x8	6x16	8x8	8x16	10x8	10x16	12x8	12x16
3-4	1-#3	1-#3	—	1-#3	—	2-#3	—	2-#3	—
4-0	1-#3	1-#4	—	2-#3	—	2-#3	—	2-#4	—
4-8	1-#4	1-#4	—	2-#4	—	2-#4	—	2-#4	—
5-4	1-#4	2-#4	—	2-#4	—	2-#4	2-#3	2-#5	—
6-0	1-#5	2-#4	1-#4	2-#4	2-#3	2-#5	2-#4	2-#5	2-#4
6-8	N/A	N/A	1-#5	N/A	2-#4	N/A	2-#4	2-#6	2-#4
7-4	↓	↑	1-#5	↓	2-#4	↑	2-#4	N/A	2-#5
8-0			1-#6		2-#4		2-#5	↑	2-#5
8-8			1-#6		2-#5		2-#5		2-#6
9-4	N/A	N/A	1-#7	N/A	2-#5	N/A	2-#6	N/A	2-#6

NOTES:
1. SEE ARCHITECTURAL DRAWINGS FOR SIZE & LOCATION OF OPENINGS.
2. PROVIDE 1" OF BEARING AT EACH JAMB FOR EACH FOOT OF CLEAR SPAN BUT NOT LESS THAN 8". REINFORCEMENT SHALL PROJECT A MINIMUM OF 6" ONTO THE BEARING.
3. MINIMUM MASONRY COMPRESSIVE STRENGTH OF GROUTED PRISM F 'M = 2000 PSI.
4. LINTELS SCHEDULED AT 16" HIGH MAY BE EITHER TYPE "B" OR TYPE "C" AS DETAILED BELOW.
5. PRECAST CONCRETE LINTELS AS SHOWN MAY BE USED WITH ARCHITECT'S APPROVAL F ' C = 3000 PSI



14 NON-LOAD BEARING BLOCK LINTEL SCHEDULE
SCALE: N.T.S.

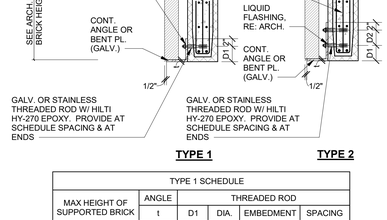


TYPE 1 AT 8" CMU TYPE 2 AT 8" CMU TYPE 3 AT 8" CMU

BOND BEAM MAX CLEAR SPAN SCHEDULE					
CMU	WALL GROUT SPACING	CARRIED BRICK H (FT)	TYPE 1 RUNNING BOND	TYPE 2 RUNNING BOND	TYPE 3 RUNNING BOND
8"	>16" O.C.	12	4'-8"	8'-0"	12'-0"
		20	NA	6'-8"	11'-4"
		35	NA	5'-4"	10'-4"

NOTES:
1. SEE ARCH. DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.
2. PROVIDE 1" OF BEARING @ EACH JAMB FOR EACH FOOT OF CLEARSPAN BUT NOT LESS THAN 8". REINF. SHALL PROJECT A MIN. OF 6" ONTO THE BEARING CMU.
3. BOND BEAMS SHALL BE FULLY GROUTED (2500 PSI @ 28 DAYS).
4. THE #4 FACE BARS ARE ONLY REQUIRED AT EXTERIOR CMU WALLS.

13 TYPICAL DETAIL BLOCK LINTEL AT EXTERIOR OR LOAD BEARING WALLS CARRYING BRICK
SCALE: N.T.S.

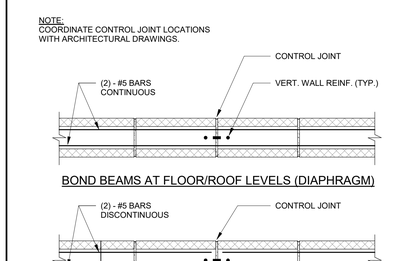


TYPE 1 SCHEDULE					
MAX HEIGHT OF SUPPORTED BRICK	ANGLE	THREADED ROD			
	t	D1	DIA.	EMBEDMENT	SPACING
3'-0"	1/4"	4"	3/8"	3 3/8"	3'-0"
5'-0"	1/4"	4"	1/2"	4 1/2"	3'-0"
8'-0"	5/16"	5"	1/2"	4 1/2"	2'-6"
10'-0"	5/16"	5"	5/8"	5 5/8"	2'-0"
12'-0"	5/16"	5"	5/8"	5 5/8"	1'-4"

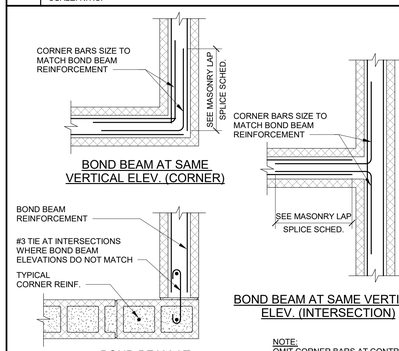
TYPE 2 SCHEDULE						
MAX HEIGHT OF SUPPORTED BRICK	ANGLE	THREADED ROD				
	t	D1	D2	DIA.	EMBEDMENT	SPACING
10'-0"	5/16"	4"	4"	3/8"	3 3/8"	3'-0"
12'-0"	3/8"	4"	4"	1/2"	4 1/2"	3'-0"
15'-0"	3/8"	4"	4"	1/2"	4 1/2"	2'-6"
20'-0"	3/8"	4"	4"	5/8"	5 5/8"	2'-0"
25'-0"	3/8"	5"	4"	5/8"	5 5/8"	2'-0"
30'-0"	3/8"	5"	4"	5/8"	6 3/4"	1'-4"
35'-0"	7/16"	5"	4"	5/8"	6 3/4"	1'-4"

NOTES:
1. WHERE TWO SOLUTIONS ARE PROVIDED FOR A GIVEN HEIGHT, CONTRACTOR MAY CHOOSE BETWEEN TYPE 1 & TYPE 2.
2. MAX. HEIGHT OF SUPORTED BRICK SHALL BE FROM TOP OF OPENING TO TOP OF WALL UNLESS ANOTHER OPENING OF GREATER OR EQUAL WIDTH IS PROVIDED ABOVE THE OPENING.
3. SEE TYPICAL DETAIL " ANGLE OR BENT PLATE SUBSTITUTION FOR OPTIONAL ALTERNATES.

9 TYPICAL DETAIL SHELF ANGLE AT CMU
SCALE: N.T.S.

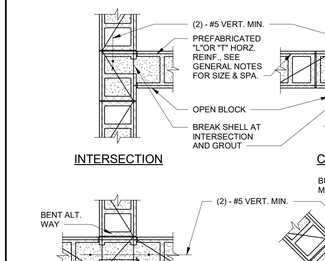


6 TYPICAL BOND BEAM AT CONTROL JOINTS
SCALE: N.T.S.

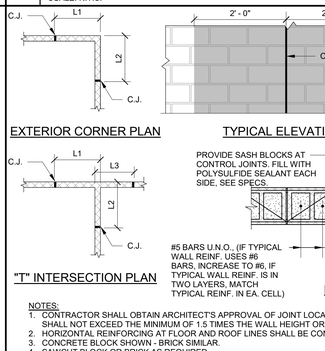


NOTE:
OMIT CORNER BARS AT CONTROL JOINT LOCATIONS AS INDICATED ON TYPICAL CMU ELEVATION.

5 TYPICAL CMU BOND BEAM REINFORCING
SCALE: N.T.S.



2 CMU WALL INTERSECTIONS
SCALE: N.T.S.



NOTES:
1. CONTRACTOR SHALL OBTAIN ARCHITECT'S APPROVAL OF JOINT LOCATIONS, WHICH SHALL NOT EXCEED THE MINIMUM OF 1.5 TIMES THE WALL HEIGHT OR 20'-0".
2. HORIZONTAL REINFORCING AT FLOOR AND ROOF LINES SHALL BE CONTINUOUS THRU JOINT.
3. CONCRETE BLOCK SHOWN - BRICK SIMILAR.
4. SAWCUT BLOCK OR BRICK AS REQUIRED.
5. AT EXTERIOR CORNERS, LOCATE JOINTS SUCH THAT: L1 + L2 ≤ 20' - 0".
6. AT EXTERIOR "T" INTERSECTIONS, LOCATE JOINTS SUCH THAT: L1 + L2 ≤ 20' - 0", L2 + L3 ≤ 20' - 0" AND L1 + L3 - WALL THICKNESS ≤ 20' - 0"

1 MASONRY WALL CONTROL JOINT
SCALE: N.T.S.

FOR OPENING UP TO 18'-0" WIDE

NOTES:
1. SEE ARCH. DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.
2. PROVIDE 1" OF BEARING @ EACH JAMB FOR EACH FOOT OF CLEARSPAN BUT NOT LESS THAN 8". REINF. SHALL PROJECT A MIN. OF 6" ONTO THE BEARING.
3. BOND BEAMS SHALL BE FULLY GROUTED (2500 PSI @ 28 DAYS)

17 TYPICAL DETAIL LONG SPAN LINTEL
SCALE: N.T.S.

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Houston, TX 77056-2401
Tel: 713.664.0130
MSE - 25014

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Matrix Structural Engineers
TBPE Firm Registration No. F-2640

STATE OF TEXAS
KHALIL TABAJA
127127
LICENSED
PROFESSIONAL ENGINEER
01/14/2026

PROJECT NO.	25-006
DATE:	12/04/2025
DRAWN BY: RJC	CHECKED BY: KT
REVISIONS:	

No.	Date	Description
	12/04/25	100% CD
1	01/14/26	ADDENDUM 01

100% CD

S4.01-H
TYPICAL CMU WALL DETAILS

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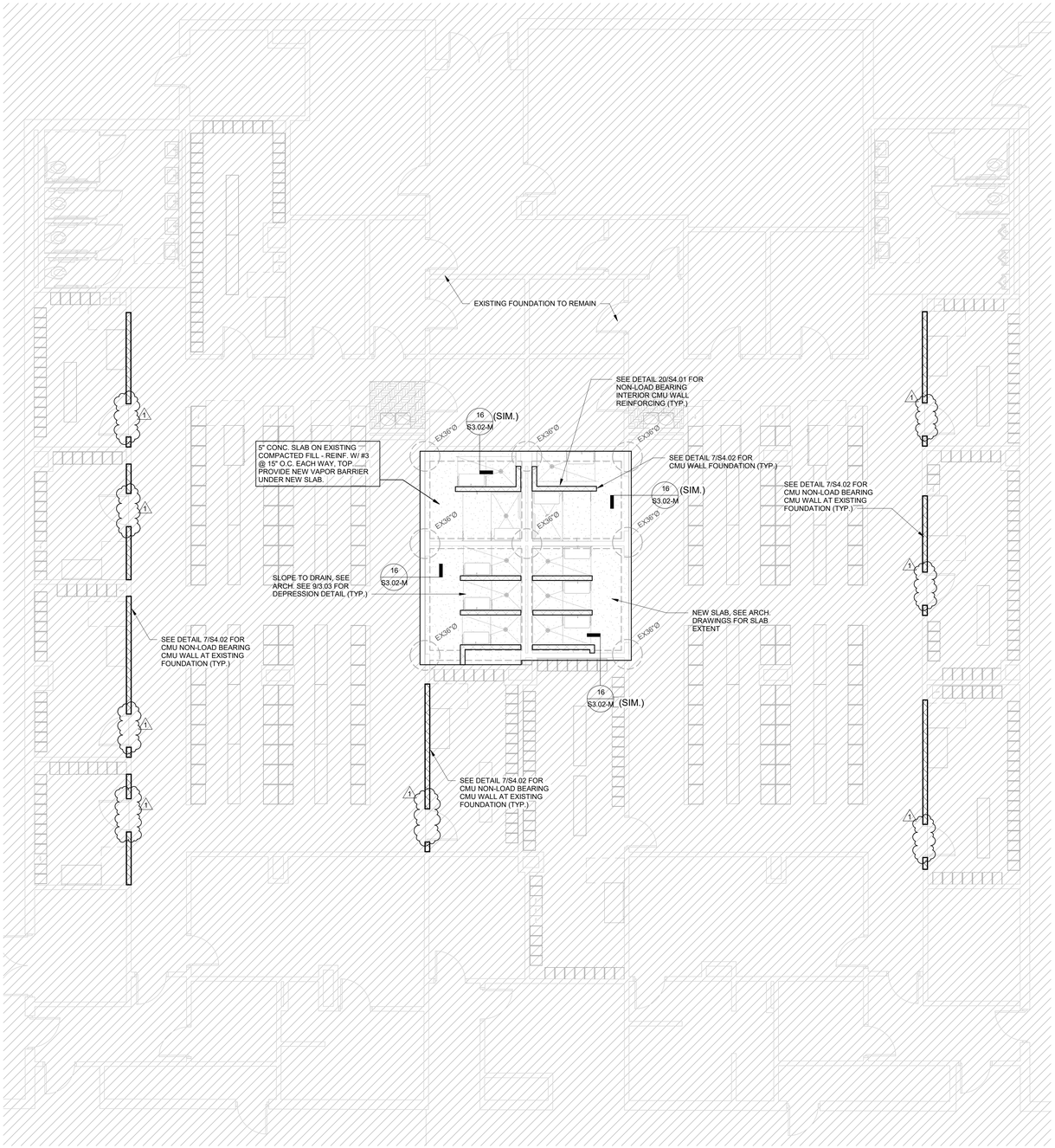

1 FOUNDATION PLAN - LOCKER ROOM - EXISTING
SCALE: 3/16" = 1'-0"

FOUNDATION PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL FLOOR SLOPES, DEPRESSIONS, ETC.
2. SEE ARCHITECTURAL DRAWINGS FOR TOP OF SLAB ELEVATION.
3. PROVIDE CONTRACTION JOINTS AND DISCONTINUOUS SLAB REINFORCING AS SHOWN IN DETAIL 6/S3.03.
4. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION / CONSTRUCTION.
5. T.D. INDICATES TURN DOWNS. SEE DETAIL 9/S3.02.

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Matrix Structural Engineers
TBPE Firm Registration No. F-2640

STATE OF TEXAS
KHALIL TABAJA
01/14/2026

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REVISIONS:

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	12/04/25	100% CD
1	01/14/26	ADDENDUM 01

100 % CD

S2.03-M
FOUNDATION PLAN - LOCKER ROOM - EXISTING

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OCCUPANCY CALCULATIONS					
Number	Name	Occupancy Type (Key Schedule)	Area	IBC S.F. Per Person	Calculated Persons
H130	GYM STORAGE	Accessory storage areas, mechanical equipment room	171 SF	300	1
H131	TEAM LOCKERS	Locker Rooms	234 SF	50	5
H132	TEAM LOCEKRS	Locker Rooms	241 SF	50	5
H141	GIRLS LOCKERS	Locker Rooms	1,357 SF	50	28
H147	STORAGE	Accessory storage areas, mechanical equipment room	90 SF	300	1
H148	TOWELS	Agricultural building	72 SF	300	1
H150	UNIFORM STORAGE	Accessory storage areas, mechanical equipment room	102 SF	300	1
H151	TEAM LOCKERS	Locker Rooms	219 SF	50	5
H153	TRAINER	Exercise rooms	235 SF	50	5
H166	STORAGE	Accessory storage areas, mechanical equipment room	88 SF	300	1
H167	TOWELS	Accessory storage areas, mechanical equipment room	70 SF	300	1
H170	WEIGHT ROOM	Exercise rooms	644 SF	50	13
H171	UNIFORM STORAGE	Accessory storage areas, mechanical equipment room	96 SF	300	1
H172	STORAGE	Accessory storage areas, mechanical equipment room	111 SF	300	1
H173	BOYS LOCKERS	Locker Rooms	1,255 SF	50	26
H176	GYM STORAGE	Accessory storage areas, mechanical equipment room	171 SF	300	1
H177	TEAM LOCKERS	Locker Rooms	234 SF	50	5
H178	TEAM LOCKERS	Locker Rooms	320 SF	50	7
H185	COACHES OFFICE	Business areas	384 SF	100	4
H186	COACHES OFFICE	Business areas	397 SF	100	4
H187	STORAGE	Accessory storage areas, mechanical equipment room	47 SF	300	1
H192	STORAGE	Accessory storage areas, mechanical equipment room	47 SF	300	1
Grand total: 22					

CODE REVIEW: IBC 2015 - EXISTING BUILDING

CHAPTER 6 - REPAIRS

NEW AND REPLACEMENT MATERIALS (SEC 602.2)
EXCEPT AS OTHERWISE REQUIRED OR PERMITTED BY THIS CODE, MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED. LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED NO DANGEROUS OR HAZARDOUS CONDITION, AS DEFINED IN CHAPTER 2, IS CREATED. HAZARDOUS MATERIALS, SUCH AS ASBESTOS AND LEAD-BASED PAINT, SHALL NOT BE USED WHERE THE CODE FOR NEW CONSTRUCTION WOULD NOT PERMIT THEIR USE IN BUILDINGS OF SIMILAR OCCUPANCY, PURPOSE AND LOCATION.

GENERAL ACCESSIBILITY (SEC 605.1)
REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF ACCESSIBILITY PROVIDED.

CHAPTER 7 - ALTERATIONS - LEVEL 1

CONFORMANCE (SEC 701.2)
AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION.
EXCEPTION: WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

INTERIOR FINISHES (SEC 702.2)
NEW INTERIOR FLOOR FINISH, INCLUDING NEW CARPETING USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 OF THE INTERNATIONAL BUILDING CODE.

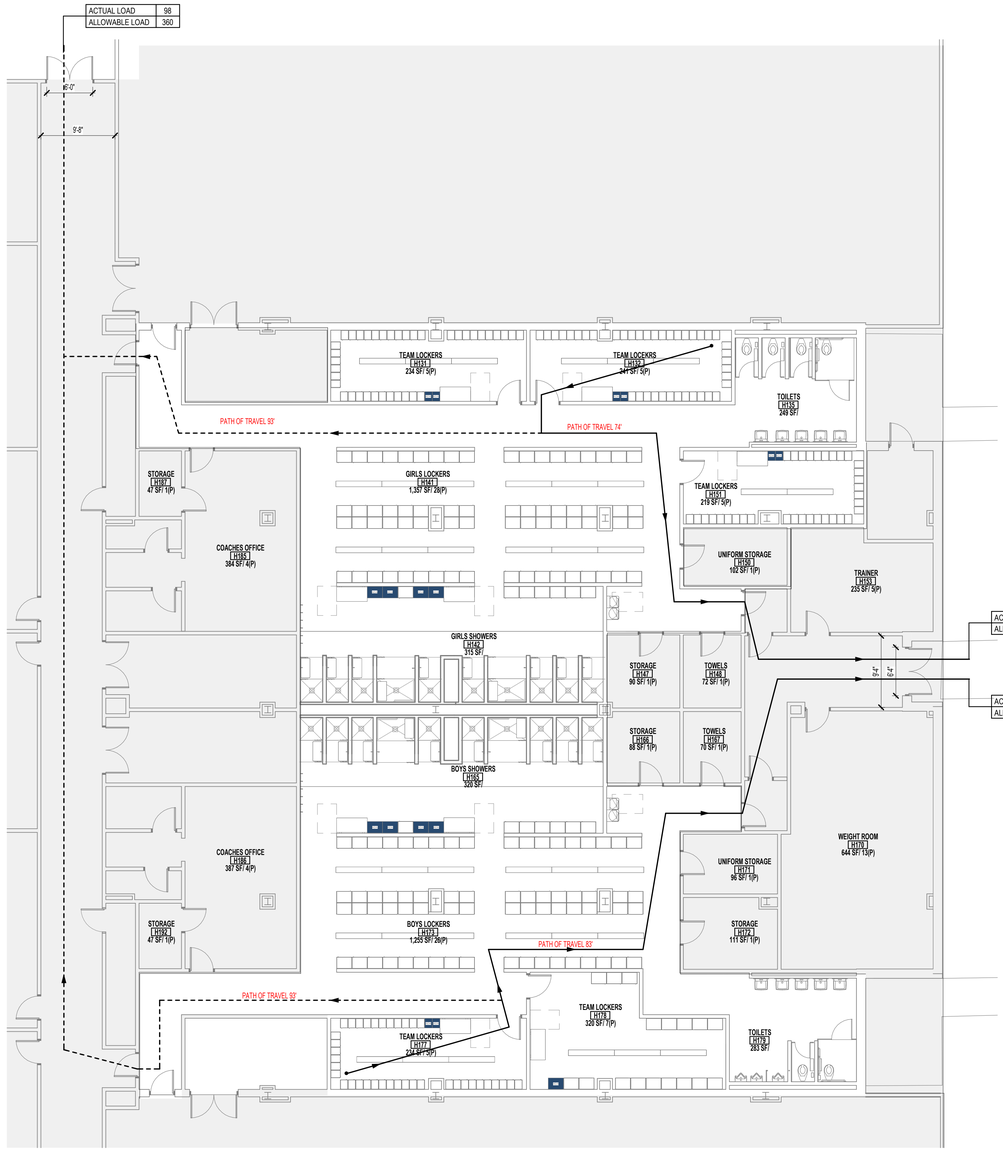
CHAPTER 8 - ALTERATIONS - LEVEL 2

COMPLIANCE (SEC 801.3)
ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

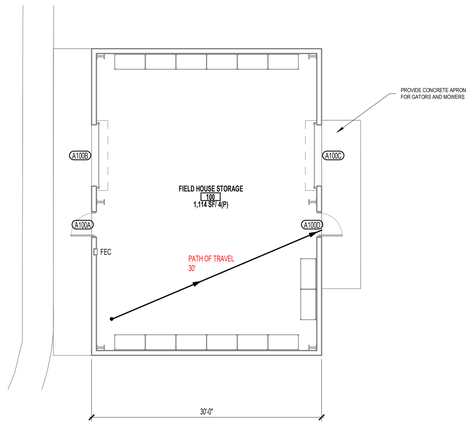
EXCEPTIONS:
WINDOWS MAY BE ADDED WITHOUT REQUIRING COMPLIANCE WITH THE LIGHT AND VENTILATION REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.
NEWLY INSTALLED ELECTRICAL EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 808.
THE LENGTH OF DEAD-END CORRIDORS IN NEWLY CONSTRUCTED SPACES SHALL ONLY BE REQUIRED TO COMPLY WITH THE PROVISIONS OF SECTION 805.6.
THE MINIMUM CEILING HEIGHT OF THE NEWLY CREATED HABITABLE AND OCCUPIABLE SPACES AND CORRIDORS SHALL BE 7 FEET (2134 MM).

FIRE ALARM AND DETECTION (SEC 804.4)
AN APPROVED FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SECTIONS 804.4.1 THROUGH 804.4.3..

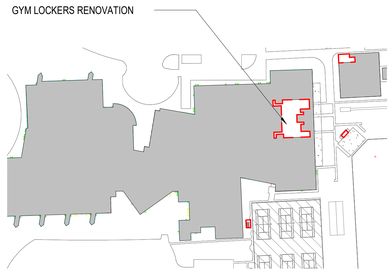
GROUP E OCCUPANCY (SEC 804.4.1.1)
A FIRE ALARM SYSTEM SHALL BE INSTALLED IN WORK AREAS OF GROUP E OCCUPANCIES AS REQUIRED BY THE INTERNATIONAL FIRE CODE FOR EXISTING GROUP E OCCUPANCIES.



GYM LOCKER ROOM CODE PLAN-A 2
SCALE: 1/8" = 1'-0"



LEVEL 01 CODE PLAN FOOTBALL/FIELD STORAGE-A 4
SCALE: 1/8" = 1'-0"



BUILDING KEY PLAN
N.T.S

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND ILLUMINATED EXIT SIGNS.
2. REFER TO A0.01 FOR COMPOSITION OF RATED PARTITIONS.
3. REFER TO A8.00 A FOR DOOR SCHEDULE IDENTIFING FIRE RATING RATINGS
4. IF AN OPENING OCCURS IN A RATED WALL, REFER TO THE SPECIFICATIONS FOR REQUIREMENTS.
5. FIRE SPRINKLER SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE SPRINKLER SYSTEM
6. FIRE ALARM SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE ALARM SYSTEM. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARD 14 AND THE COUNTY FIRE MARSHALL.
7. ALL EXITS SHALL COMPLY WITH ACCESSIBLE STANDARDS AND DISCHARGE TO A PAVED PUBLIC WAY, OR A PAVED SIDEWALK WHICH LEADS TO A PUBLIC WAY.
8. BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE COUNTY FIRE CODE AND REFERENCED DOCUMENTS.

APPLICABLE CODES - FORTBEND COUNTY

2021 IBC INTERNATIONAL BUILDING CODE
2021 IMC INTERNATIONAL MECHANICAL CODE
2021 IPC INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2021 INTERNATIONAL EXISTING BUILDING CODE
2014 NFPA (NATIONAL FIRE PROTECTION AGENCY) 70 NATIONAL ELECTRICAL CODE
2013 ASHRAE STANDARD 90.01 - ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS
TAS TEXAS ACCESSIBILITY STANDARDS (ADOPTED MARCH 2012)
2021 INTERNATIONAL FIRE CODE
CHAPTER 3 – USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 – EDUCATIONAL GROUP E

2021 IBC COMPLIANCE DATA

CHAPTER 3 – USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 – EDUCATIONAL GROUP E

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS
TABLE 504.3 & 504.4 & 506.2
GROUP E, TYPE I FIRE RESISTIVE CONSTRUCTION , UNSPRINKLED (EXCEPT STAGE)
BUILDING HEIGHT: 75' ALLOWED; **40' ACTUAL (ABOVE GRADE PLANE)**
BUILDING STORIES: 3 STORIES ALLOWED; **1 STORIES ACTUAL**

BUILDING AREA ACTUAL : 294,662 SQUARE FEET
BUILDING AREA RENOVATION: 8235 SQUARE FEET

SECTION 508 - MIXED USE AND OCCUPANCY
508.4 - NO SEPARATION BETWEEN GROUP E OCCUPANCIES

CHAPTER 6 - TYPES OF CONSTRUCTION

SECTION 601 - GENERAL
601 – FOR CONSTRUCTION TYPE I-B: FIRE-RESISTANCE RATING REQUIREMENTS APPLY TO PRIMARY STRUCTURAL FRAME, INTERIOR AND EXTERIOR BEARING WALLS, FLOOR CONSTRUCTION, AND ROOF CONSTRUCTION AS LISTED IN TABLE 601.

SECTION 602 - CONSTRUCTION CLASSIFICATION
- EXTERIOR BEARING WALLS – 2 HOUR RATING
- INTERIOR BEARING WALLS – 2 HOUR RATING
- EXTERIOR NON-BEARING WALLS – 0 HOUR RATING (BASED ON FIRE SEPARATION DISTANCE PER SECTION 602)
- INTERIOR NON-BEARING WALLS & PARTITIONS – 0 HOUR RATING
- STRUCTURAL FRAME – 2 HOUR RATING
- FLOOR CONSTRUCTION – 2 HOUR RATING
- ROOF CONSTRUCTION – 1 HOUR RATING

EXIT ACCESS TRAVEL DISTANCE: 200 FT.(TABLE 1017.2), PROVIDED <131 FT

CHAPTER 6 – TYPES OF CONSTRUCTION
CONSTRUCTION TYPE 2B - PER TABLES 601 & 602.
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS: NO RATING REQUIRED FOR ANY BUILDING ELEMENT LISTED: PRIMARY STRUCTURE, BEARING & NONBEARING WALLS/ PARTITIONS (INTERIOR & EXTERIOR), FLOOR CONSTRUCTION AND SECONDARY MEMBERS, ROOF CONSTRUCTION AND SECONDARY MEMBERS

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

SECTION 705 - EXTERIOR WALLS
705.2 - PROJECTION SEPARATION DISTANCE FROM FSD LINE FOR FSD OF 30 FT: 20 FT. MINIMUM / **30 FT. ACTUAL**
705.2.1 - PROJECTIONS FROM TYPE II CONSTRUCTION SHALL BE OF NON-COMBUSTABLE MATERIALS
705.8.1 - EXCEPTION 1: BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS, AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

SECTION 706 - FIRE WALL
TABLE 706.4 - FIRE WALL FIRE-RESISTANCE RATINGS: 2 HOUR IN IIB CONSTRUCTION, GROUP E

SECTION 707 - FIRE BARRIERS
707.3.1 - SHAFT ENCLOSURES (INCLUDING ELEVATOR HOISTWAY): 1 HOUR FIRE BARRIER
707.3.3 - ENCLOSURES FOR EXIT ACCESS STAIRWAY ENCLOSURES: 1 HOUR BARRIER
PER SECTION 1019 EXIT ACCESS STAIRWAYS ARE NOT REQUIRED TO BE ENCLOSED FOR THIS BUILDING TYPE

SECTION 713 - SHAFT ENCLOSURES (ELEVATOR SHAFT)
ALL SHAFT ENCLOSURES SHALL BE CONSTRUCTED AS FIRE BARRIERS AND SHALL BE 1 HOUR FIRE RATED. SUPPORTING CONSTRUCTION SHALL BE RATED TO THE SAME DEGREE AS THE WALLS.

TABLE 716.5 - OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS
FOR FIRE WALLS & FIRE BARRIERS WITH A 2 HR FIRE RATING, OPENINGS SHALL HAVE A 1.5 HR FIRE RATING, MAX. 100 SQ IN OF GLAZING.
FOR FIRE BARRIERS AT EXIT COMPONENTS WITH A 1 HR FIRE RATING, OPENINGS SHALL HAVE A 1 HR FIRE RATING
FOR FIRE BARRIERS AT OTHER LOCATION WITH A 1 HR FIRE RATING, OPENINGS SHALL HAVE A 3/4 HR FIRE RATING

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: 1 HOUR IF <30 FT FROM OTHER STRUCTURES; NO RATING REQUIRED IF >30 FT FROM OTHER STRUCTURES; BUILDING IS HUNDREDS OF FEET FROM ANOTHER STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
903.2.3 - FOR GROUP E: REQUIRED FOR FIRE AREAS GREATER THAN 12,000 SQ. FT., BUILDING IS FULLY SPRINKLERED

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 75 FT. MAX. DISTANCE TO TRAVEL TO EXTINGUISHER
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 11,250 SQ. FT. MAX FLOOR AREA FOR EXTINGUISHER

CHAPTER 10 - MEANS OF EGRESS

SECTION 1004 OCCUPANT LOAD
1004.1.2 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

STORAGE, MECHANICAL	300 SQ. FT., GROSS
ASSEMBY WITH FIXED SEATS	18" PER OCCUPANT IN BLEACHERS
ASSEMBLY WITHOUT FIXED SEATS (TABLES AND CHAIRS)	15 SQ. FT. NET
BUSINESS	100 SQ. FT. GROSS
EDUCATION, CLASSROOM	20 SQ. FT. GROSS
EDUCATION, VOCATIONAL	50 SQ. FT. NET
LIBRARY	
(READING ROOMS)	50 SQ. FT. NET
(STACK AREAS)	100 SQ. FT. GROSS
STAGES & PLATFORMS	500 SQ. FT. GROSS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3.1 - FOR STAIRWAYS: 0.2 IN. PER OCCUPIANT OCCUPANTS:2,436
1005.3.2 - FOR OTHER EGRESS COMPONENTS: 0.15 IN. PER OCCUPIANT

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2.1 - FOR SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY, SEE CODE PLAN
1006.3.1 - FOR OCCUPANT LOAD PER STORY:
BUILDING A / LEVEL 1: 3 EXITS REQUIRED, 3 EXITS PROVIDED
BUILDING B / LEVEL 1: 4 EXITS REQUIRED, 4 EXITS PROVIDED
BUILDING C / LEVEL 1: 3 EXITS REQUIRED, 3 EXITS PROVIDED
BUILDING A / LEVEL 2: 3 EXITS REQUIRED, 3 EXITS PROVIDED

SECTION 1007 - EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
107.1.1 - FOR DISTANCE BETWEEN EXITS, SEE CODE PLAN

SECTION 1009 - ACCESSIBLE MEANS OF EGRESS
1009.3 - FOR SPRINKLERED BUILDINGS, 48 IN. CLEAR HANDRAIL WIDTH IN EXIT STAIRS NOT REQUIRED.
1009.3 - FOR SPRINKLERED BUILDINGS, AREAS OF REFUGE IN EXIT STAIRS NOT REQUIRED

SECTION 1010 - DOORS, GATES, AND TURNSTILES
1010.1.1 - MINIMUM EGRESS DOOR WITH OF 32"
1010.1.2.1 - EGRESS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL
1010.1.8 - DOORS IN SERIES MUST BE SEPARATED A MINIMUM OF 48 IN. PLUS THE SWING OF THE DOOR

SECTION 1011 - STAIRWAYS
1011.2 - MINIMUM STAIRWAY WIDTH OF 44 IN.
1011.3 - MINIMUM STAIRWAY HEADROOM CLEARANCE OF 80 IN.
1011.5.2 - MAXIMUM RISER HEIGHT OF 7 IN., MINIMUM TREAD DEPTH OF 11 IN.
1011.6 - WIDTH OF LANDINGS SHALL BE NOT LESS THAN THE WIDTH OF STAIRWAY SERVED
1011.6 - LANDING DEPTH NEED NOT EXCEED 48 IN. FOR STRAIGHT-RUN STAIRS
1011.8 - A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE GREATER THAN 12 FT. BETWEEN FLOOR LEVELS AND LANDINGS

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 - FOR GROUP E W/ SPRINKLER SYSTEM: EXIT TRAVEL DISTANCE IS 250 FT.

SECTION 1020 - CORRIDORS
1020.1 - FOR GROUP E W/ SPRINKLER SYSTEM: NO REQUIRED FIRE-RESISTANCE RATING
1020.2 - FOR GROUP E W/ OCCUPANT LOAD OF 100 OR MORE: MINIMUM WIDTH OF 72 IN.
1020.2 - FOR AN OCCUPANT LOAD LESS THAN 50: MINIMUM WIDTH OF 36 IN.
1020.2 - FOR ACCESS TO AND UTILIZATION OF MECHANICAL, PLUMBING, OR ELECTRICAL SYSTEMS OR EQUIPMENT: MINIMUM WIDTH OF 24 IN.
1020.2 - FOR ALL OTHER CONDITIONS: MINIMUM WIDTH OF 44 IN.
1020.4 - FOR GROUP E W/ SPRINKLER SYSTEM: DEAD ENDS MAY BE 50 FT. IN LENGTH

LEGEND

- 1 HOUR FIRE-RESISTANCE RATING
- 2 HOUR FIRE-RESISTANCE RATING
- RATED DOOR/ WINDOW REF. DOOR SCHEDULE FOR MORE INFO.
- NON RATED ELEMENT
- RATED EXIT ENCLOSURE
- LONGEST EXIT ROUTE PER LEVEL
- EXIT ROUTE
- EXIT POINT WITH WIDTH INDICATED IN INCHES (P 36 / R 36): OCCUPANT LOAD SHOWN VERTICAL; P=PROVIDED EXIT WIDTH OF EGRESS COMPONENT; R=REQUIRED EXIT WIDTH OF EGRESS COMPONENT
- FEC — FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER
- FE — FIRE EXTINGUISHER - SURFACE MOUNTED

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

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REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

	Date	Description
1	01/14/2025	ADDENDUM #01

100% CD

G0.03-A
LEVEL 01 - CODE PLAN

AUSTIN HIGH SCHOOL

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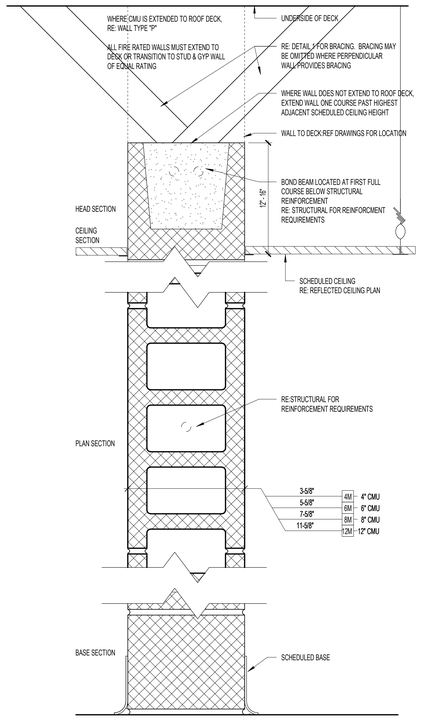
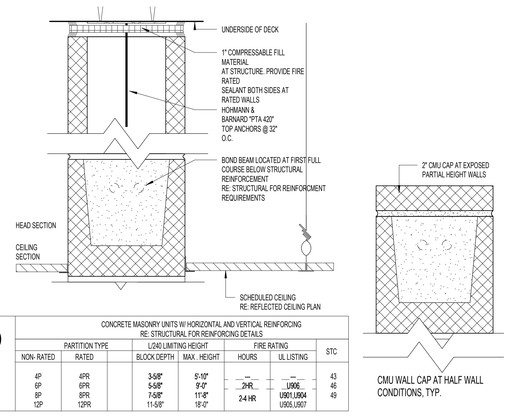
GENERAL PARTITION NOTES

1. FOR HEIGHTS OF WALL SEE BLDG.'S SECTIONS OR ELEVATIONS.
2. EVERY WALL SHOWN ON PLAN SHALL BE ONE OF THE WALL TYPES SHOWN WHETHER KEYED ON THE PLAN OR NOT. IF WALL DOES NOT HAVE KEY, PROVIDE WALL TYPE TO MATCH ADJACENT OR NEAREST KEY.
3. SEE ROOM FINISH SCHEDULE FOR FINISHES AND CEILING HEIGHTS.
4. FIRE TAPE OR SEAL ALL PENETRATIONS IN FIRE RATED PARTITIONS.
5. ALL WALLS THAT ARE PERPENDICULAR TO ROOF DECK SHOULD BE SEALED TIGHT TO UNDERSIDE OF DECK W/ PACKED INSULATION AND FIRE SAFING. COPE SHEETROCK AROUND CONCRETE PAN.
6. ALL SOUND WALLS TO RECEIVE SEALANT AROUND CRACKS & GAPS OF EDGES @ FLOOR, CEILING AND JUNCTION BOXES.
7. PROVIDE BRACE AT END OF ALL CMU WALLS, EACH SIDE OF CONTROL JOINTS AND AT 8'-0" TYPICAL. IF AN INTERSECTING WALL IS LAYED AT THE SAME TIME, THE WALL MAY BE CONSIDERED A BRACE.
8. ALLOW FOR VERTICAL DEFLECTION OF THE STRUCTURE.
9. ALL METAL STUD ROOF DECK CONNECTIONS TO HAVE SLIP JOINT WITH DEEP LEG METAL STUD TRACK.
10. SEE INTERIOR ELEVATIONS FOR MASONRY/MATERIAL PATTERNS.
11. ALL WALLS AT OCCUPIED OR EXPOSED AREAS TO RECEIVE 3" BASE OF 5/8" DENSHIELD FIREGUARD TILE BACKER. WALLS AT CONCEALED AREAS, SUCH AS THOSE BEHIND MASONRY WAINSCOT, TO HAVE 5/8" DENS SHIELD FIREGUARD TILE BACKER 1/2" FROM FINISH FLOOR WITH SEALANT. AT CONTRACTOR'S DISCRECTION, 1/2" WATERGUARD EXTRUSION MAY BE USED IN LIEU OF DENS SHIELD DETAIL.
12. THE ABREVIATON "N.R." MEANS NO RATING.
13. AT RECESSED OR RAISED FLOORS, INSTALL CMU SOAP COURSE AT BASE OF CMU WALLS TO COURSE MASONRY WITH WALLS STARTING AT FINISH FLOOR
14. ALL GYP. BOARD IS 5/8" TYPE "X" U.N.O.
15. ABOVE CEILING AT ALL FIRE RATED WALLS, PROVIDE 4" HIGH, STENCIL EVERY 9', AND AT LEAST ONE PER WALL READING "FIRE WALL". IN RED PAINT. ALSO PROVIDE STENCIL AT 10' AFF IN MECHANICAL, HOUSEKEEPING, TECHNOLOGY, ELECTRICAL AND STORAGE SPACES THAT DO NOT HAVE A CEILING. STENCIL IS NOT REQUIRED WHERE THE FIRE WALL DOES NOT HAVE AN ADJACENT CEILING AND THE SPACE IS AN OCCUPIED, FINISHED SPACE.

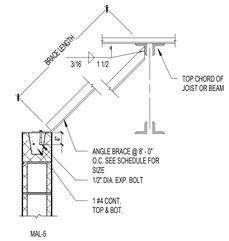


M	CONCRETE MASONRY UNITS W/ HORIZONTAL AND VERTICAL REINFOURCING RE: STRUCTURAL FOR REINFORCING DETAILS							
	NON- RATED	PARTITION TYPE		L/240 LIMITING HEIGHT		FIRE RATING		STC
		RATED	BURNISHED	BLOCK DEPTH	MAX . HEIGHT	HOURS	UL LISTING	
	4M	4MR	4MB	3-5/8"	5'-10"	---	---	43
	6M	6MR	6MB	5-5/8"	9'-0"	2HR	U906	46
	8M	8MR	8MB	7-5/8"	11'-8"	2.4 HR	U901,U904	49
	12M	12MR	12MB	11-5/8"	18'-0"		U905,U907	52
	6MD*	NA		5-5/8"		NA	NA	NA

*6MD - WALL TO DECK



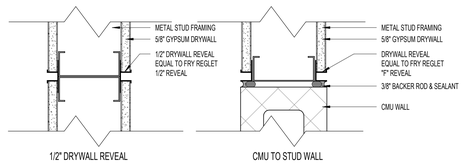
P	CONCRETE MASONRY UNITS W/ HORIZONTAL AND VERTICAL REINFORCING RE: STRUCTURAL FOR REINFORCING DETAILS							
	PARTITION TYPE		L/240 LIMITING HEIGHT		FIRE RATING		STC	
	NON- RATED	RATED	BLOCK DEPTH	MAX . HEIGHT	HOURS	UL LISTING		
	4P	4PR	3-5/8"	5'-10"	---	---	43	
	6P	6PR	5-5/8"	9'-0"	2HR	U906	46	
	8P	8PR	7-5/8"	11'-8"	2.4 HR	U901,U904	49	
	12P	12PR	11-5/8"	18'-0"		U905,U907		



NOTE:
BRACING NOT REQUIRED AT WALLS SUPPORTING CONCRETE CEILINGS & CATWALKS OR WHERE ADJOINING WALLS EXCEED HORIZ. DIM OF CMU SCHEDULE

BRACE LENGTH	ANGLE SIZE
8' - 0" OR LESS	L 2 1/2 X 2 1/2 X 3/16
8' - 1" TO 10' - 0"	L 3 X 3 X 3/16
10' - 1" TO 13' - 0"	L 4 X 4 X 1/4
13' - 1" TO 16' - 0"	2 - L 3 X 3 X 3/16

WALL BRACING 2
SCALE: 3/4" = 1'-0"



GYPSUM TRANSITION DETAILS 1
SCALE: 3" = 1'-0"

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209 E. Riverside Drive
Austin, Texas 78704
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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

3434 PHEASANT CREEK DRIVE, SUGARLAND, TX 77498
STEPHEN F. AUSTIN HIGH SCHOOL

FBISD
INSPIRE • EQUIP • IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAMS 20113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

No.	Date	Description
1	01/14/2025	ADDENDUM #01

100% CD
A0.01-A
PARTITION TYPES
AUSTIN HIGH SCHOOL

1/14/2026 10:25:06 AM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Athl/25-006_ARCH_AUSTIN_FBISD ATHLETIC RENOVATIONS BP012-A_R25.rvt

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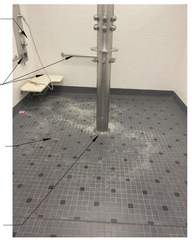
REMOVE WALL TILE AND MORTAR. REPAIR OR INSTALL NEW TILE BACKER BOARD ON EXISTING SHOWER WALLS TO REMAIN. PAINT UPPER WALL PER FINISH SCHEDULE.

REMOVE ALL EXISTING WALL-MOUNTED ACCESSORIES AS NOTED ON DRAWINGS.

REMOVE ALL EXISTING FLOOR TILE AND MORTAR BED AS NOTED ON DRAWINGS. REFER TO FLOOR SLAB DEMO NOTES TO INSTALL NEW DRAINS AND PLUMBING LINES. REFER TO PLUMBING DRAWINGS.

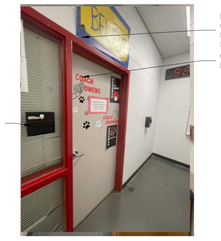
REMOVE EXISTING FLOOR DRAINS AND CAP/TERMINATE PLUMBING LINES AS INDICATED ON PLUMBING DRAWINGS.



REMOVE EXISTING ROOM SIGNAGE THROUGHOUT THE LOCKER ROOMS AND REPLACE WITH NEW SCHEDULED SIGNAGE

REMOVE ALL WALL MOUNTED SIGNS AND GRAPHICS. CLEAN, PATCH, AND REPAIR EXISTING WALLS. REPAINT PER FINISH SCHEDULE.

CLEAN AND REPAIR EXISTING METAL FRAME AND DOOR. REPAINT PER FINISH SCHEDULE.



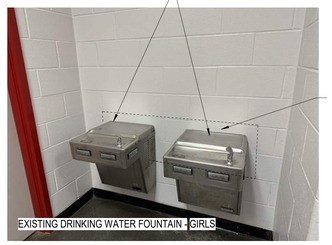
REMOVE EXISTING SHOWER COLUMN PLUMBING FIXTURE. REMOVE BASE PLATE AND ANCHORS AND GROMMET. REMOVE MINIMAL GYP CEILING TO ACCESS CEILING PLENUM ABOVE TO TERMINATE PLUMBING LINES AS NOTED IN PLUMBING DRAWINGS. REPAIR AND FILL IN GYP CEILING TO MATCH ADJACENT SURFACES. PAINT AS SCHEDULED.

DEMOLISH HAND DRYER

REMOVE ALL EXISTING MILLWORK, FURNITURE AND RETURN TO OWNER'S INVENTORY.

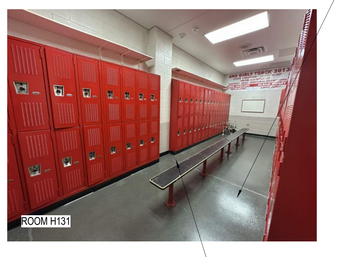
REMOVE ALL EXISTING TILE FLOOR AND MORTAR BED AS REQUIRED TO INSTALL NEW DRAINS AND PLUMBING LINES.

DEMO DRINKING FOUNTAIN - REPLACE WITH BOTTLE FILLERS



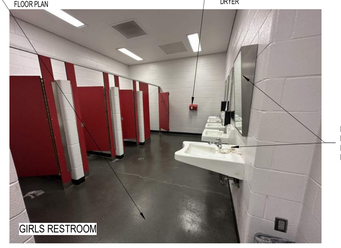
EXISTING DRINKING WATER FOUNTAIN - GIRLS

DEMO EXISTING EPOXY FLOORING IN ALL LOCKER ROOMS AND ALL RESTROOMS. REF FLOOR PLAN



ROOM H131

DEMO HAND DRYER

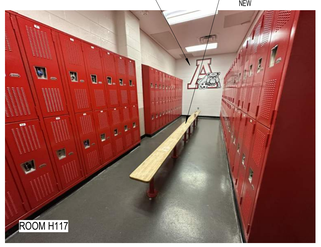


GIRLS RESTROOM

EXISTING PLUMBING FIXTURES TO REMAIN.

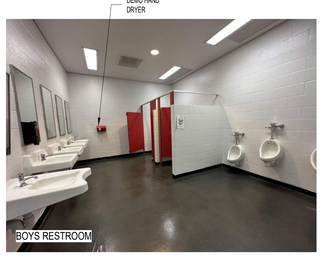
EXISTING GRAPHICS TO REMAIN

DEMO BENCHES IN LOCKER ROOM AND REPLACE WITH NEW



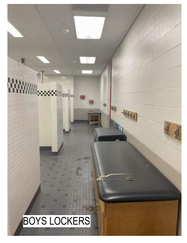
ROOM H117

DEMO HAND DRYER

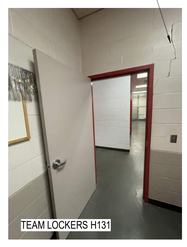


BOYS RESTROOM

PATCH EXISTING CMU WALL CRACKS WITH EPOXY BLOCK FILLER TO MATCH EXISTING TEXTURE AND SURFACE PRIOR TO PAINTING. CONTRACTOR TO PAINT ENTIRE WALL. REFER TO SPEC SECTION 099000 PAINTING AND COATING SPEC FOR ADDITIONAL APPLICATION INSTRUCTIONS.

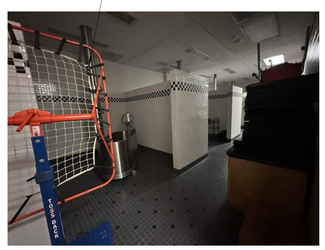


BOYS LOCKERS

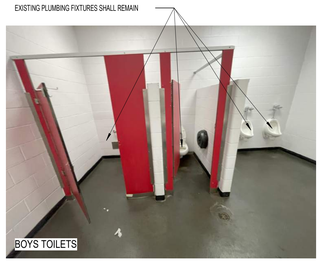


TEAM LOCKERS H131

EXISTING COLUMN SHOWERS TO BE REMOVED. TERMINATE EXISTING PLUMBING LINES AND DRAINS. REFER TO PLUMBING DRAWINGS FOR DEMOLITIONS NOTES.



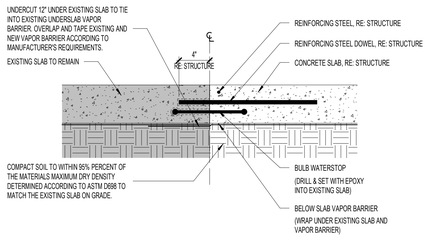
EXISTING PLUMBING FIXTURES SHALL REMAIN



BOYS TOILETS

DEMO FLOOR PLAN GYM LOCKERS 1

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



SECTION DETAIL - NEW SLAB AT EXISTING SLAB 2

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

GENERAL DEMOLITION NOTES

1. VISIT THE SITE TO UNDERSTAND THE SCOPE OF WORK AND TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING THIS PROJECT. THE EXISTING BUILDING CONDITION SURVEY WAS COMPILED FROM DRAWINGS PROVIDED BY THE OWNER. THESE DRAWINGS WERE NOT AS-BUILT DRAWINGS & ACTUAL CONDITIONS / DIMENSIONS MAY VARY FROM WHAT IS INDICATED. REPORT DISCREPANCIES OR AMBIGUOUS ITEMS TO THE ARCHITECT PRIOR TO START OF FABRICATION. ANY OTHER DISCREPANCIES NOTED BY THE ARCHITECT FIELD INSPECTIONS UNCOVERED, OR DISCREPANCIES IN THE CONTRACT DOCUMENTS WHICH DO NOT COMPLY WITH THE INTENDED FINAL PRODUCT & REQUEST MODIFICATIONS TO THE LAYOUT.

2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO DEMOLITION WORK. ALL DEMOLITION WORK TO BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE CODES, LAWS & REGULATIONS INCLUDING OWNER REQUIREMENTS.

3. REFER TO SPEC SECTIONS 024100 AND 024113 FOR ADDITIONAL DEMOLITION NOTES AND REQUIREMENTS.

4. COORDINATE DEMOLITION WORK WITH PLAN SHEETS AND DETAILS. REFER TO A200 SERIES FOR DOOR AND WINDOW FRAME TYPICALS AND DETAILS AT NEW OPENINGS IN EXISTING WALLS.

5. REFER TO CIVIL, STRUCTURAL, AND MEP DRAWINGS FOR ADDITIONAL DEMOLITION AND ALTERATION REQUIREMENTS. PATCH ALL WHERE FIXTURES AND EQUIPMENT ARE DEMOLISHED TO MATCH EXISTING ADJACENT SURFACE.

6. THE OWNER HAS FIRST RIGHTS OF SALVAGE OF ALL FIXTURES, EQUIPMENT AND BUILDING MATERIALS REMOVED AS PART OF THE DEMOLITION AND NOT REUSED IN THE NEW CONSTRUCTION. REMOVE ALL OTHER DEBRIS AND WASTE FROM THE SITE AND DISPOSE OF CONSTRUCTION SCRAP IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

7. PRIOR TO START OF DEMOLITION, SECURE FROM THE OWNER A LIST OF ADDITIONAL EXISTING BUILDING COMPONENTS TO BE SALVAGED AND DELIVERED TO THE OWNER. EXERCISE SUFFICIENT CARE IN SALVAGE OPERATIONS SUCH THAT SALVAGED COMPONENTS ARE DELIVERED TO THE OWNER IN THEIR EXISTING UNDAMAGED CONDITION.

8. PROTECT ADJACENT AREAS FROM DUST, EXCESSIVE NOISE & / OR DISRUPTION OF OCCUPANCY. REMOVE ALL WORK THAT INTERFERES WITH THE OPERATION OF THE SURROUNDING AREAS & ANY INTERRUPTION OF SERVICES INCLUDING THE OPERATION OF UTILITIES SHALL BE PERFORMED AT A TIME APPROVED BY THE OWNER'S REPRESENTATIVE.

9. PROTECT EXISTING STRUCTURES, FINISHES, UTILITIES & OTHER ELEMENTS SCHEDULED TO REMAIN. PRIOR TO DEMOLITION, DOCUMENT SURROUNDING PROPERTIES WHICH COULD BE COMPROMISED AND DAMAGE RESULTING FROM DEMOLITION & FILE WITH OWNER'S REPRESENTATIVE. AREAS THAT ARE DAMAGED BY SELECTIVE DEMOLITION SHALL BE PATCHED, REPAIRED & FINISHED OR REPLACED TO MATCH EXISTING ADJACENT SURFACE AT NO EXPENSE TO THE OWNER.

10. ALL DEMOLITION WORK REQUIRED IS NOT LIMITED TO THAT INDICATED WITH THE CONTRACT DOCUMENTS. IF THE EXISTING CONSTRUCTION THAT INTERFERES WITH NEW WORK TO THE EXTENT OF THE INTERFERENCE, THEN THE ITEM IS TO BE DEMOLISHED. ALL NEW PLUMBING, ELECTRICAL & ARCHITECTURAL ITEMS AS REQUIRED TO FACILITATE NEW CONSTRUCTION. CUT & LATER PATCH ALL HOLES & OPENINGS IN EXISTING CONSTRUCTION NECESSARY FOR CONNECTION OF NEW WORK TO THE PASSAGE OF CONDUITS, PIPING, MECHANICAL PLUMBING & ELECTRICAL UTILITIES & SERVICES.

11. PROVIDE TEMPORARY BARRICADES & OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT OWNER'S PERSONNEL & GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION. PROVIDE A PROPER MEANS OF EGRESS AS REQUIRED FOR OCCUPIED AREAS PER CODE THROUGH CONSTRUCTION. EGRESS MUST ALSO BE MAINTAINED WITH THE CONTRACTOR'S AREA.

12. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY & INFORM THE OWNER'S REPRESENTATIVE & THE ARCHITECT FOR FURTHER DIRECTION.

STRUCTURAL DEMOLITION

13. PROVIDE SHORING, BRACING, AND SUPPORTS AS REQUIRED TO MAINTAIN THE INTEGRITY OF EXISTING OR NEWLY INSTALLED CONSTRUCTION AS REQUIRED TO REMOVE EXISTING LOAD-BEARING OR NON-LOAD BEARING WALL, FOOTING, OR ROOF CONSTRUCTION. ASSUME RESPONSIBILITY FOR ACTUAL CONDITION OF EXISTING STRUCTURE TO BE DEMOLISHED.

14. UNLESS OTHERWISE INDICATED ON THE STRUCTURAL OR ARCHITECTURAL DOCUMENTS, MAINTAIN THE INTEGRITY OF EXISTING CONSTRUCTION ADJACENT TO NEW STRUCTURAL SYSTEMS. WHERE EXISTING LOAD-BEARING OR NON-LOAD-BEARING, WHEN DEMOLISHED, PROVIDE STRUCTURAL SYSTEMS PER NEW STRUCTURAL & ARCHITECTURAL DOCUMENTS. REFER TO A600 SERIES FOR NEW WORK.

CUTTING AND PATCHING

1. PROVIDE MATERIALS FOR CUTTING AND PATCHING WHICH WILL RESULT IN EQUAL-OR-BETTER WORK THAN BEING CUT OR PATCHED.

2. REMOVE EXISTING CONSTRUCTION SO AS NOT TO DAMAGE EXISTING CONSTRUCTION THAT IS TO REMAIN. PATCH FLOORS, WALLS AND CEILINGS IN A RECTANGULAR PATTERN TO SOUND EXISTING CONDITIONS AND MAKE THEM READY TO RECEIVE ANY NEW FINISHES INDICATED.

3. CAP PLUMBING LINES THAT ARE TO BE REMOVED BELOW FLOOR OR BEHIND WALL OR REMOVE THEM COMPLETELY. PATCH FLOORS AND WALLS TO MATCH EXISTING CONDITIONS. REFER PLUMBING DOCUMENTS FOR ADDITIONAL REQUIREMENTS.

6. WHERE EXISTING FLOORING, CEILINGS OR WALL FINISHES ARE TO BE REMOVED AND REPLACED WITH NEW FINISHES, SURFACES TO REMAIN SHALL BE STRIPPED CLEAN OF ALL EXISTING FINISHES AND MADE READY TO RECEIVE NEW FINISHES.

7. INSPECT FLOORS TO RECEIVE NEW FINISHES PRIOR TO BID. COMPLETELY REMOVE FLOOR FINISHES TO BE REPLACED AND, CLEAN AND PROPERLY PREPARE THE EXISTING SUBSTRATE PRIOR TO INSTALLATION OF NEW FINISH MATERIAL. STRIP, PATCH, AND FILL TO PROVIDE A SMOOTH, DURABLE SURFACE FREE OF BURRS AND ADHESIVE AND SUITABLE FOR APPLICATION OF NEW FINISH MATERIAL. UNDER CUT OR ADJUST DOORS TO ACCOMMODATE NEW FLOOR FINISH WHERE NEW FINISH IS THICKER THAN ORIGINAL FINISH.

9. TOOTH IN MASONRY WHERE EXISTING MASONRY ABUTS NEW MASONRY IN THE SAME WALL PLANE. REFER TO ELEVATIONS ON A200 SERIES FOR NEW MASONRY COURSING AND BOND PATTERN.

10. PROVIDE A FINISHED EDGE BY TOOTHING IN NEW MASONRY TO MATCH EXISTING WHERE A PORTION OF AN EXISTING MASONRY WALL IS TO BE REMOVED (UON).

13. REMOVE EXPANSION JOINT COVERS (FLOOR, WALL, AND CEILING) THAT ARE DAMAGED DURING DEMOLITION AND REPLACE WITH NEW COVERS OF THE SAME TYPE AND FINISH (OR NEW AS DETAILED), WHERE INDICATED.

15. WHERE INDICATED, REMOVE TACKBOARDS, SMART BOARDS, CHALKBOARDS, MISCELLANEOUS DISPLAY RAILS, AND TOILET ROOM ACCESSORIES. SALVAGE REMOVED ITEMS FOR OWNER OR REINSTALL AS INDICATED IN DRAWINGS AND SPECIFICATIONS. CLEAN AND REPAIR ITEMS AS REQUIRED FOR NEW EQUIPMENT OR TO RECEIVE A NEW FINISH.

18.CONTRACTOR RESPONSIBLE FOR RELOCATING AND ADJUSTING HVAC MATERIALS AND EQUIPMENT IF REQUIRED TO INSTALL STRUCTURAL WALL SUPPORTS OR MATERIALS

19. REMOVE ALL EXISTING PAINT AND REPAINT ALL EXISTING WALLS PART IN SCOPE. REFER TO MATERIAL LEGEND FOR PAINT COLORS AND TYPE

20. REF ELEC AND IT DRAWINGS FOR LOCATIONS OF WALL OUTLETS.

21. PROTECT IN PLACE ALL EXISTING FINISHES NOT PART OF SCOPE DURING CONSTRUCTION. ANY DAMAGES TO EXISTING FINISHES WILL NEED TO BE REPLACED BY CONTRACTOR AT NO COST TO MEET REQUIREMENTS OF DISTRICT.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- FLOOR SLAB TO BE SAW CUT AND REMOVED
- NOT IN SCOPE
- SCOPE OF DEMOLITION
- (4) DEMO KEY NOTE

DEMOLITION KEY NOTES

TAG#	NOTE
1	DEMO WALL TILE ON EXISTING WALLS TO REMAIN FROM FINISH FLOOR TO CEILING. REPAIR WALL WITH BLOCK FILLER TO MATCH ADJACENT SURFACES. CLEAN AND PREPARE WALL FOR NEW SCHEDULED FINISH.
2	REMOVE AND SALVAGE EXISTING SIGNAGE, AND RETURN TO THE OWNER. REPAIR, REFINISH AND REPAINT EXISTING WALL
3	DEMO EXISTING DRINKING FOUNTAIN. REPAIR EXISTING CMU WALL, REFINISH AND REPAINT CMU WALL.
4	DEMO EXISTING HAND DRYER. REPAIR AND PATCH EXISTING CMU WALL, REFINISH AND REPAINT EXISTING WALL.
5	DEMO EXISTING INTERIOR CMU WALL. REPAIR FLOORS, CEILINGS AND WALLS TO REMAIN. PREPARE EXISTING WALLS AND CEILINGS TO RECEIVE NEW SCHEDULED FINISHES.
6	DEMO SHOWER DRAIN, REF. PLUMBING DEMO PLAN.
7	DEMO ALL EXISTING INTERIOR LOCKER ROOM EPOXY FLOORING AND ADHESIVE MATERIAL AND WALL BASE. SHOT BLAST CLEAN AND PREPARE FLOOR SURFACE PER MANUFACTURERS RECOMMENDATIONS TO INSTALL NEW FLOORING. REFER TO ROOM FINISH SCHEDULE AND MATERIAL SCHEDULE.
8	SAWCUT AND REMOVE EXISTING SLAB IN HATCHED AREAS NOTED ON DRAWING. REPLACE UNDERSLAB VAPOR BARRIER AND OVER LAP WITH EXISTING BARRIER ON ALL SIDES. TAPE BARRIER TO ENSURE CONTINUOUS BARRIER. REFERENCE SLAB REPAIR DETAIL 2/AD.00-A. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO REVIEW AND TO COORDINATE LIMITS OF SLAB DEMO WITH PLUMBING, ELECTRICAL, ARCHITECTURAL, STRUCTURAL DRAWINGS.
9	DEMO EXISTING LOCKERS. EXISTING LOCKER CONCRETE BASE TO REMAIN. RESIZE EXISTING BASE WITH CONCRETE FILL AS REQUIRED TO FIT NEW LOCKERS.
10	DEMO EXISTING BENCHES. REPAIR, CLEAN CONCRETE FLOOR AND PREP FOR NEW RESINOUS FLOOR.
11	DEMO EXISTING TILE FLOORING. REPAIR, LEVEL, CLEAN, AND PREPARE FLOOR FOR NEW TILE FINISH.
12	DEMO EXISTING LOCKERS AND CONCRETE BASE. LEVEL CONCRETE FLOOR TO PREPARE FOR NEW FINISH
13	DEMO EXISTING CEILING. PROTECT ALL ABOVE CEILING ELEMENTS NOT BEING REMOVED PER MEP, TECHNOLOGY DRAWINGS. REFER TO AD.01 FOR ADDITIONAL REQUIREMENTS.
14	REFER TO PLUMBING DRAWINGS FOR TERMINATION AND DEMO SPECIFICATIONS FOR PLUMBING LINES AND FIXTURES. RETURN ALL FIXTURES TO OWNERS INVENTORY.
15	DEMOLISH CONTRACTOR SHALL REMOVE AND RELOCATE RECESSED CEILING LIGHTS TO NEW LOCATIONS AS SHOWN ON DRAWINGS. REF. TO ELECTRICAL DRAWINGS.

RENOVATE GYM LOCKER ROOMS

BUILDING KEY PLAN

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

3434 PHEASANT CREEK DRIVE, SUGARLAND, TX 77498

STEPHEN F. AUSTIN HIGH SCHOOL

FBISD
INSPIRE • EQUIP • IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAME 30113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

	Date	Description
1	01/14/2025	ADDENDUM #01

100% CD

AD.00-A

01 DEMO FLOOR PLAN - A

AUSTIN HIGH SCHOOL

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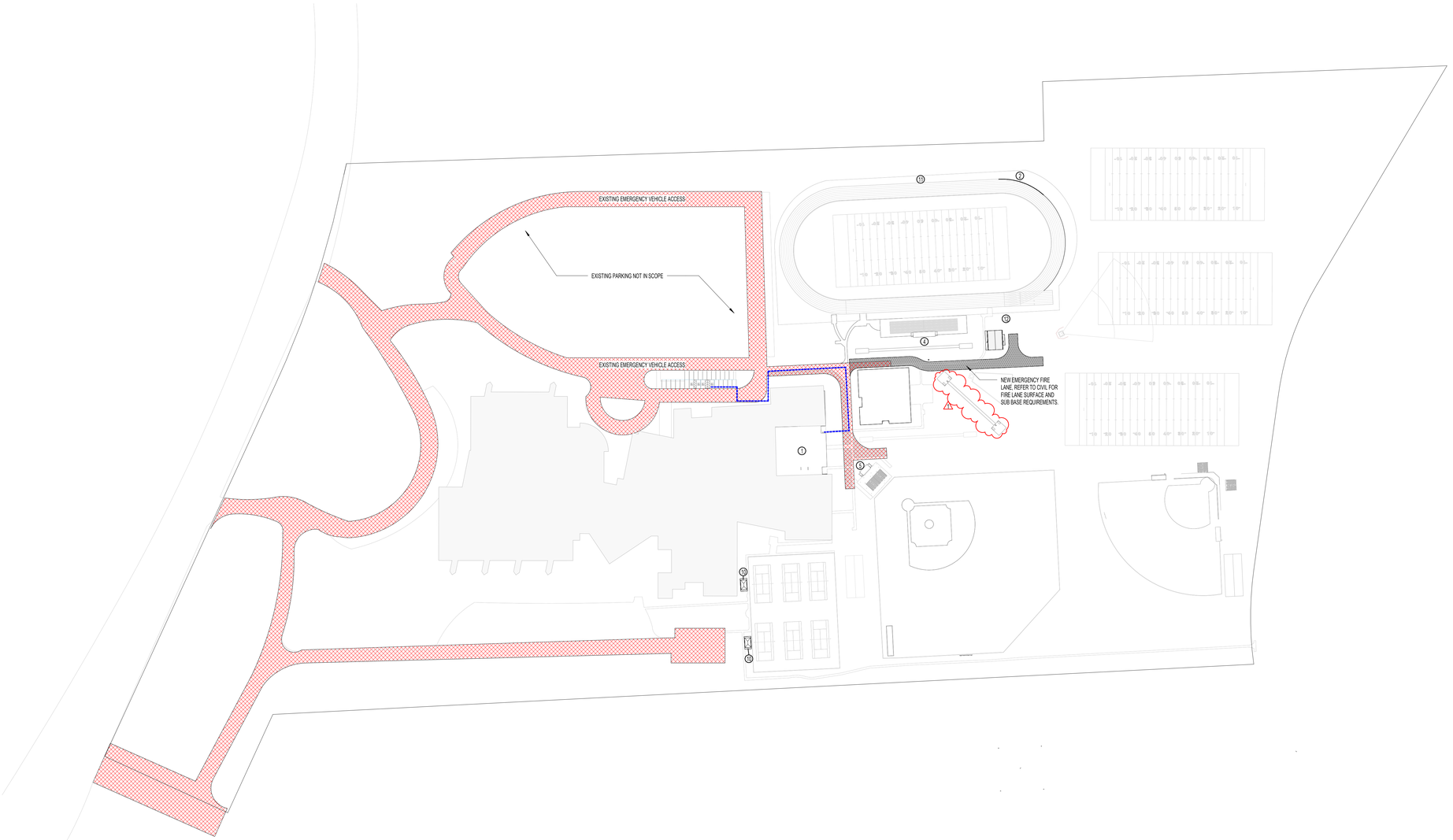

OVERALL SITE PLAN- A 1
SCALE: 1" = 100'-0"

SITE PLAN GENERAL NOTES

1. REFER TO SHEET A0.00-A FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET G0.01 & G0.02 FOR TAS REQUIREMENTS
3. RE: G0.03-A FOR CODE PLAN
4. PROVIDE KNOX PADLOCKS AT ALL VEHICULAR GATES. PROVIDE BOLLARDS AT LATCH SIDES OF VEHICULAR GATES WHEN THEY ARE OPEN AND HASP TO LOCK OPEN GATE TO BOLLARD.
5. ALL FENCING SHALL BE VINYL COATED CHAIN LINK, 48" HIGH UNO.
6. PROVIDE 48" HIGH, 4" DIA. CONCRETE FILLED STEEL BOLLARDS SPACED 6' O.C. AROUND SIDES AND BACK OF DUMPSTER YARDS, AROUND ELECTRICAL TRANSFORMER AS REQUIRED BY ELECTRICAL PROVIDER, AND AT BOTH SIDES OF EXTERIOR ROLL-UP/GARAGE DOORS.
7. ALL DISTURBED AREAS SHALL BE FINISH GRADED, REVEGETATED, AND IRRIGATED.
8. FLAGPOLES SHALL HAVE MIN. 6' DIAMETER PAVING AROUND THEM AND A PATH TO A BUILDING ENTRANCE. PATH AND PAVING SHALL BE TAS REQUIREMENTS FOR WIDTH AND GRADING.
9. ALL RETAINING WALLS SHALL HAVE BACKSIDE WATERPROOFING AND DRAINAGE
10. ALL EXIT GATES SHALL BE PROVIDED WITH PANIC HARDWARE AND WIRED FOR CARD READERS AND ELECTRIFIED HARDWARE
11. PROVIDE 24" CONCRETE MOW STRIP AROUND PERIMETER OF ALL BUILDINGS WHERE NO OTHER PAVING IS CALLED FOR. PROVIDE 12" MOW STRIP CENTERED ON ALL FENCING.

SITE PLAN LEGEND

- VINYL COATED CHAIN LINK FENCE, 48" HIGH
- VINYL COATED CHAIN LINK FENCE, 72" HIGH
- BUILDING SECTION TAG (1 / A101 SIM)
- WALL SECTION TAG (1 / A101 SIM)
- ENLARGED CALL OUT (21 / A101 SIM)
- EXISTING ACCESSIBLE ROUTE
- EXISTING PAVING
- NEW PAVING
- EXISTING PERVIOUS EMERGENCY ACCESS PATH
- NEW PERVIOUS EMERGENCY ACCESS PATH
- EXISTING EMERGENCY ACCESS PATH

SITE PLAN KEYNOTES

TAG #	NOTE
1	RENOVATE GYM LOCKER ROOM
2	REPAIR TRACK CURB ALONG NORTH EDGE
4	REPLACE EXISTING FOOTBALL PRESS BOX WINDOWS
5	REPLACE EXISTING BASEBALL PRESS BOX WINDOWS
10	CONCRETE PADDING UNDER BLEACHERS
11	IRRIGATION AROUND TRACK PERIMETER
12	NEW FOOTBALL STORAGE BUILDING

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2 Greenway Plaza, Suite 460
Houston, Texas 77046
pflugerarchitects.com

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A1.00-A
OVERALL SITE PLAN-A

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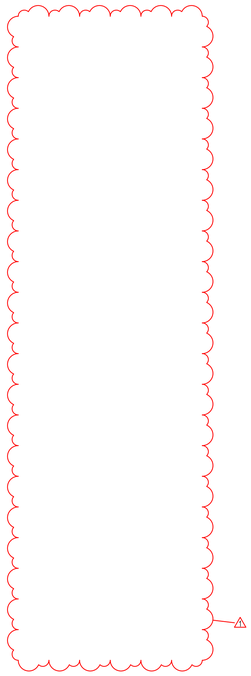

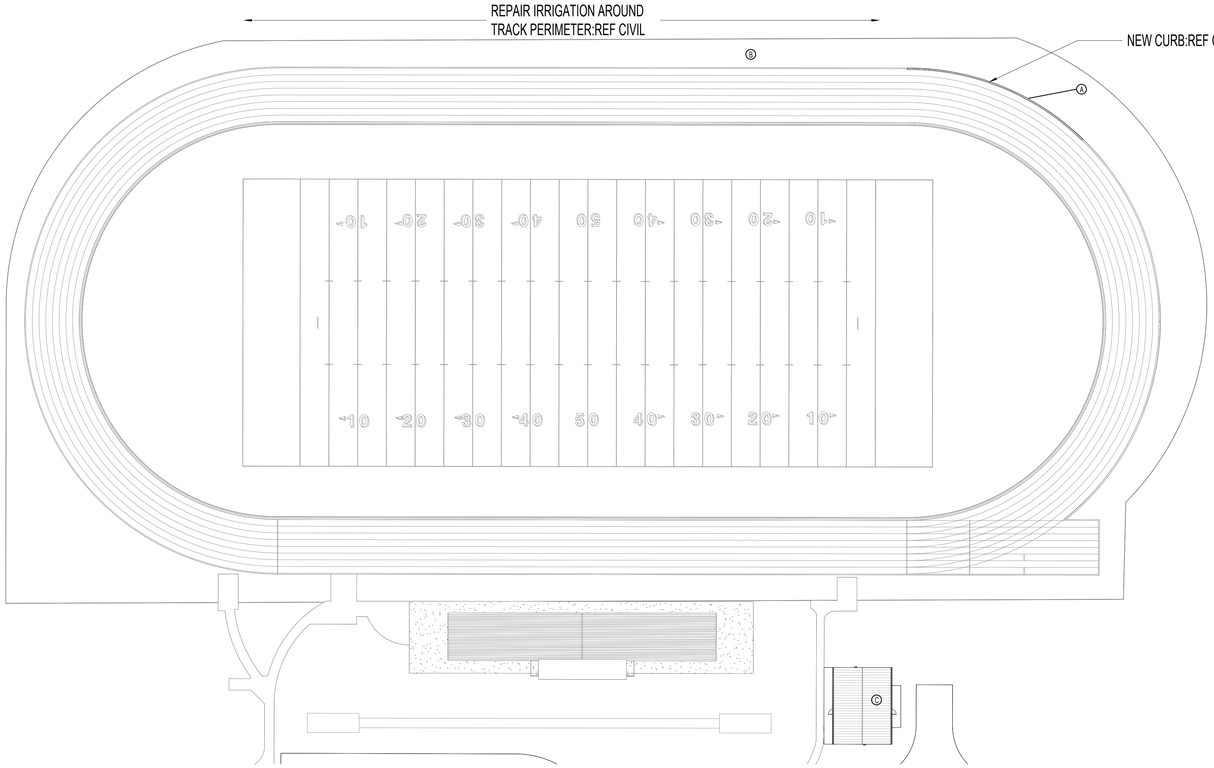

TRACK -A 1
SCALE: 1/32" = 1'-0"

SITE PLAN GENERAL NOTES

1. REFER TO SHEET A0.00-A FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET G0.01 & G0.02 FOR TAS REQUIREMENTS
3. RE: G0.03-A FOR CODE PLAN
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SITE PLAN LEGEND

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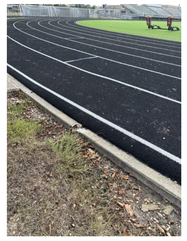
- VINYL COATED CHAIN LINK FENCE, 72" HIGH
- BUILDING SECTION TAG (1 / A101 SIM)
- WALL SECTION TAG (1 / A101 SIM)
- ENLARGED CALL OUT (2 / A101 SIM)
- EXISTING ACCESSIBLE ROUTE
- EXISTING PAVING
- NEW PAVING
- EXISTING PERVIOUS EMERGENCY ACCESS PATH
- NEW PERVIOUS EMERGENCY ACCESS PATH
- EXISTING EMERGENCY ACCESS PATH

SITE PLAN KEYNOTES

TAG #	NOTE
A	NEW CURB AT NORTH
B	REPAIR IRRIGATION AROUND TRACK PERIMETER
C	NEW FOOTBALL STORAGE BUILDING

DEMO KEY NOTES

TAG #	NOTE
1	DEMO CURB AROUND TRACK: REF CIVIL
2	DEMO POLE VAULT CONCRETE PADS



① DEMO CURB AROUND TRACK: REF CIVIL

② DEMO EXISTING POLE VAULT CONCRETE PADS

SITE KEY PLAN
N.T.S

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A1.01-A
SITE DETAILS TRACK AND FIELD

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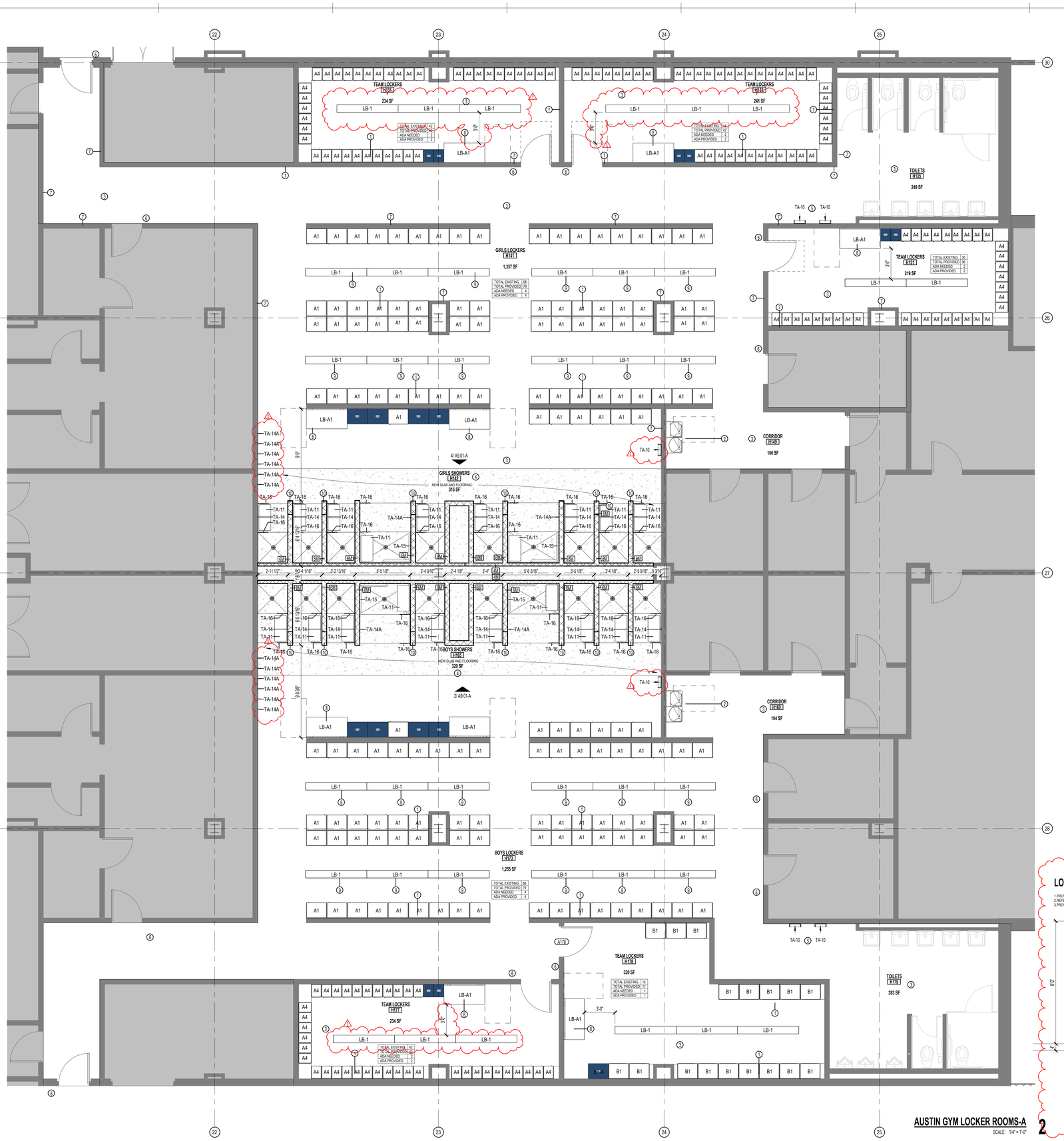


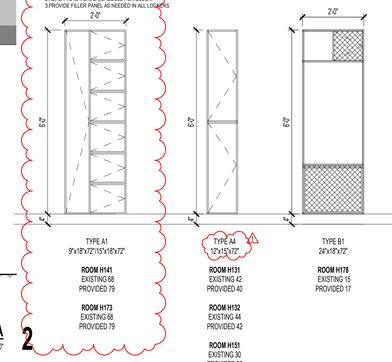
AUSTIN GYM LOCKER ROOMS-A

SCALE: 1/4" = 1'-0"

2

LOCKER SCHEDULE

1.PROVIDE SHOP APPLIED, BAKED EPOXY ENAMEL FINISH
2.REFER TO MATERIAL SCHEDULE FOR COLOR.
3.PROVIDE FILLER PANEL AS NEEDED IN ALL LOCATIONS.



TYPE A1
5'x18'x72"/15"x18"x72"

ROOM H141
EXISTING 68
PROVIDED 79

ROOM H173
EXISTING 68
PROVIDED 79

TYPE A4
12'x15'x72"

ROOM H131
EXISTING 42
PROVIDED 40

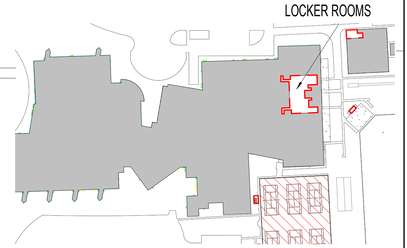
ROOM H132
EXISTING 44
PROVIDED 42

ROOM H151
EXISTING 30
PROVIDED 36

ROOM H177
EXISTING 42
PROVIDED 40

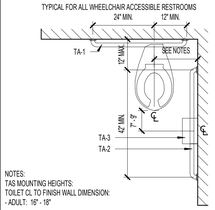
TYPE B1
24'x18'x72"

ROOM H178
EXISTING 15
PROVIDED 17

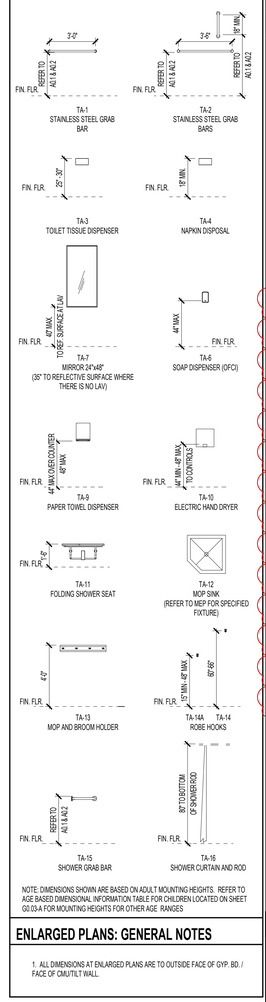


BUILDING KEY PLAN

RESTROOM WHEELCHAIR ACCESS, TYPICAL



TYPICAL MOUNTING HEIGHTS, U.N.O.



NOTE: DIMENSIONS SHOWN ARE BASED ON ADULT MOUNTING HEIGHTS. REFER TO AGE BASED DIMENSIONAL INFORMATION TABLE FOR CHILDREN LOCATED ON SHEET G0.03-A FOR MOUNTING HEIGHTS FOR OTHER AGE RANGES

ENLARGED PLANS: GENERAL NOTES

1. ALL DIMENSIONS AT ENLARGED PLANS ARE TO OUTSIDE FACE OF GYP. BD. / FACE OF CMU/TILT WALL.

FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. RE: SHEET A0.30 & SPECIFICATIONS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
5. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
6. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-3" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-3" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
7. REFER TO SHEETS A3 SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
8. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- (AB) COLUMN GRID
- 1/ A101 Ref — INTERIOR ELEVATION TAG
- 21 / A101 SIM. — ENLARGED CALL OUT
- 101 — DOOR TAG
- AX — PARTITION TAG
- 5' DIAMETER ADA TURN AROUND

PLAN NOTES:

1. INSTALL NEW LOCKERS ON CONCRETE BASE. INSTALL CLOSER FILLER PANELS AT END WALLS AND CORNERS. REFER TO SPEC 105113 FOR ADDITIONAL INSTALLATION INSTRUCTIONS.
2. INSTALL WALL ELECTRONIC DRINKING FOUNTAIN WITH BOTTLE FILLER PER MANUFACTURER'S INSTRUCTIONS. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPE AND CONNECT TO EXISTING UTILITIES. REFER TO ELECTRICAL DRAWINGS TO INSTALL NEW TAMPER RESISTANT RECEPTACLES. INSTALL HIGH/LO RECEPTACLES AT LOCATION AS PER MANUFACTURER'S INSTRUCTIONS.
3. INSTALL RESINOUS FLOORING AND INTEGRAL COVE BASE ACCORDING TO APPROVED MOCK-UP AND MANUFACTURER'S INSTRUCTIONS. PRIOR TO INSTALLATION SHOT-BLAST EXISTING SURFACES WITH AN APPARATUS THAT ABRADES THE CONCRETE SURFACE REPAIR DAMAGED AND DETERIORATED CONCRETE ACCORDING TO RESINOUS FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROTECTING NEW FLOORING FROM CONSTRUCTION TRAFFIC.
4. INSTALL NEW TILE SHOWERS, ACCORDING TO APPROVED MOCKUPS ON EPOXY GROUT. REFER TO 093000 TILE SPEC FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND MOCKUP REQUIREMENTS.
5. INSTALL NEW 4" SLIM PROFILE SURFACE-MOUNTED AUTOMATIC HAND DRYER, ON CMU WALLS. ANCHOR DRYERS TO WALLS ACCORDING TO MANUFACTURER'S INSTRUCTIONS. REFER TO ELECTRICAL DWGS FOR OUTLET REQUIREMENTS.
6. INSTALL NEW ARCHITECTURAL SIGNAGE FOR ROOM IDENTIFICATION AT LOCATIONS NOTED ON DRAWINGS AND TO BE INSTALLED AT ACCESSIBLE HEIGHTS AND TO COMPLY WITH TAS 703.
7. PREPARE AND PAINT ALL LOCKER ROOM CMU WALLS WITH HIGH PERFORMANCE EPOXY WITH BLOCK FILLERS ACCORDING TO 099000 PAINTING AND COATING. REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL FINISH INFORMATION.
8. INSTALL NEW ADA BENCH WITH HARD WOOD SEAT ON METAL PEDESTALS AT LOCATIONS NOTED ON DRAWINGS. PROVIDE BENCHES BY SAME MANUFACTURER AS THE METAL LOCKERS. USE 3/8"X 2 1/2" METAL EXPANSION ANCHORS PER MANUFACTURER'S INSTRUCTIONS.
9. INSTALL NON - ADA BENCH WITH HARD WOOD SEAT AT LOCATIONS NOTED ON DRAWINGS BY SAME MANUFACTURER AS METAL LOCKERS. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
10. INSTALL ALL NEW CMU WALLS AT 8'-0" UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL DOCUMENTS FOR NON-LOAD BEARING WALLS BRACING AND REINFORCING STEEL. REQUEST INFORMATION FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND/OR REQUIREMENTS.
11. INSTALL NEW 6" CMU LOW-WALL PARTITION WITH CERAMIC TILE ON ALL EXPOSED SURFACES INCLUDING PARTITION EXPOSED TOPS.

SPECIALTY EQUIPMENT

TAG	EQUIPMENT
A1	LOCKER - 24" W X 18" D X 72" H
A4	LOCKER - 12" W X 18" D X 72" H
B1	LOCKER - 24" W X 18" D X 72" H
LB-1	LOCKER BENCH - 72" L X 0 1/2" W
LB-2	LOCKER BENCH - 96" L X 15" W
LB-A1	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT WALL
LB-A2	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT BACK

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A2.01-A
01 GYM LOCKERS
FLOOR PLAN - A

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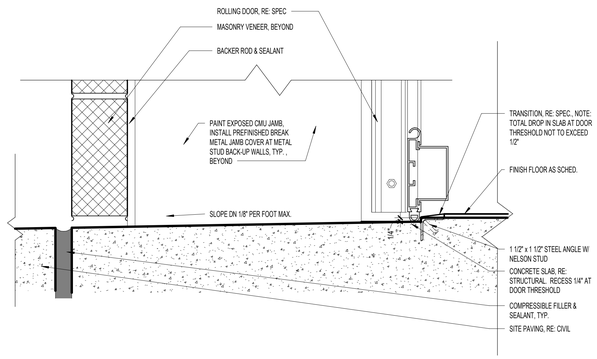
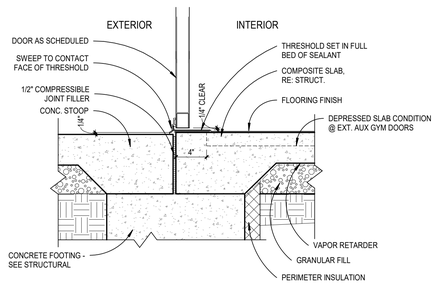


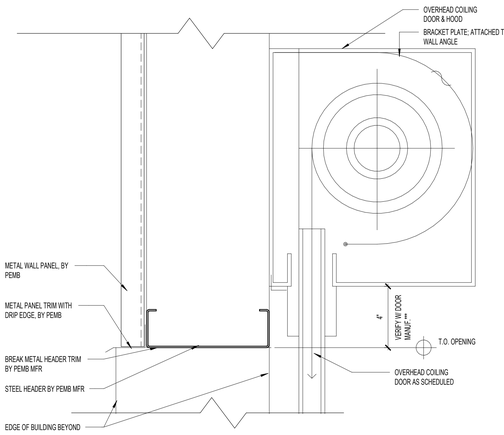
EXT. OH. THRESHOLD DETAIL 15

SCALE: 3" = 1'-0"



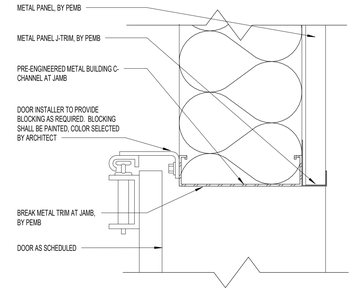
EXT. DOOR THRESHOLD 14

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



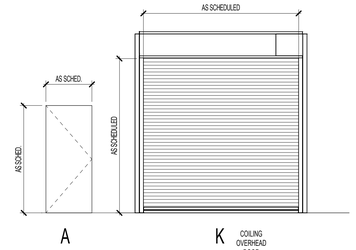
ROLL-UP DOOR HEAD - PEMB 9

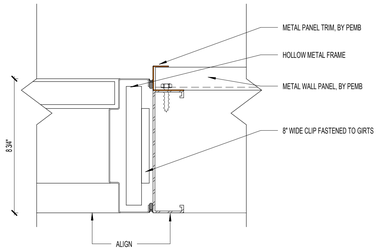
SCALE: 3" = 1'-0"



OVERHEAD DOOR JAMB - PEMB 8

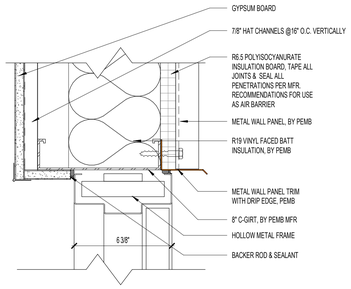
SCALE: 3" = 1'-0"





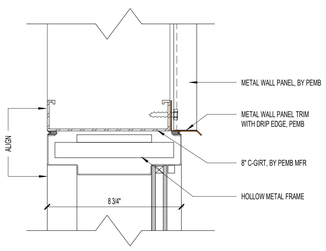
HM JAMB - UNINSULATED PEMB 13

SCALE: 3" = 1'-0"



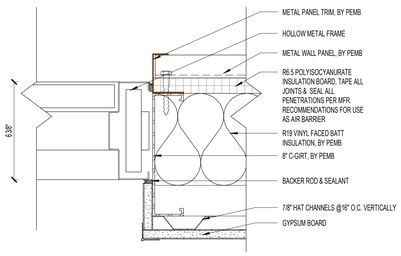
HM HEAD - INSULATED PEMB 12

SCALE: 3" = 1'-0"



HM HEAD - UNINSULATED PEMB 6

SCALE: 3" = 1'-0"



HM JAMB - INSULATED PEMB 11

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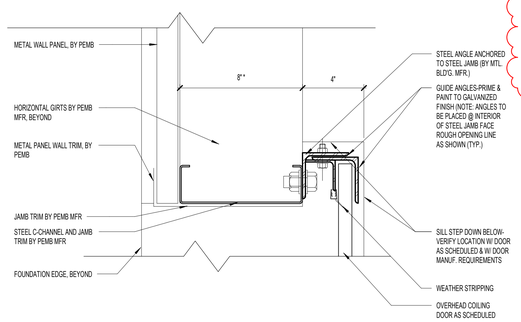
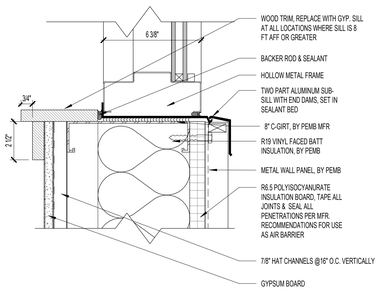


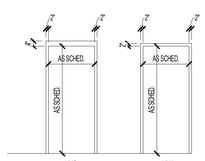
ROLL-UP DOOR JAMB - PEMB 10

SCALE: 3" = 1'-0"



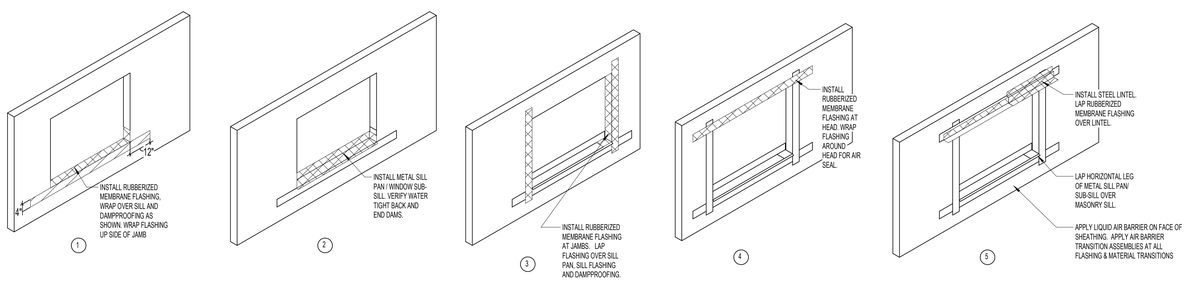
HM SILL - INSULATED PEMB 5

SCALE: 3" = 1'-0"



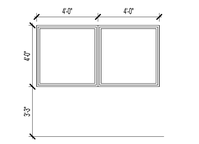
HOLLOW METAL FRAME TYPES 4

SCALE: 1/4" = 1'-0"



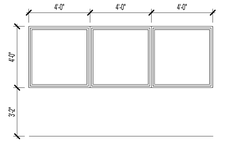
WINDOW FLASHING SEQUENCE 3

SCALE: 3/8" = 1'-0"



BASEBALL PRESS BOX WINDOWS 2

SCALE: 1/4" = 1'-0"



FOOTBALL PRESSBOX WINDOWS 1

SCALE: 1/4" = 1'-0"

DOOR SCHEDULE

Level	BUILDING	NUMBER	PANEL PAIR	WIDTH	PANEL HEIGHT	PANEL TYPE	PANEL MATERIAL	FRAME TYPE	FRAME MATERIAL	FIRE RATING	HARDWARE	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	COMMENTS
Level 01		A100P		3'-0"	7'-0"	A	Default	HM1	Default						
STORAGE															
Level 01	STORAGE	A100A		3'-0"	7'-0"	A	HM	HM1	HM		205	12/A8.00-A	11/A8.00-A	14/A8.00-A	
Level 01	STORAGE	A100B		8'-0"	10'-0"	K	GALV. STL.	-	GALV. STL.		001	7/A8.00-A	8/A8.00-A	15/A8.00-A	INSULATED OVERHEAD COILING DOOR
Level 01	STORAGE	A100C		8'-0"	10'-0"	K	GALV. STL.	-	GALV. STL.		001	7/A8.00-A	8/A8.00-A	15/A8.00-A	INSULATED OVERHEAD COILING DOOR

DOOR SCHEDULE GENERAL NOTES

1. REFER TO THE SPECIFICATIONS FOR HARDWARE DESCRIPTIONS
2. REF. SPECIFICATIONS FOR GLAZING TYPES
3. ALL DOORS IN SMOKE RESISTANT PARTITIONS TO HAVE POSITIVE LATCHING AND BE SMOKE TIGHT (ST)
4. ALL DOORS TO HAVE BOXED HEADERS UNLESS STEEL CHANNELS ARE INDICATED IN THE COMMENT COLUMN OF THE DOOR SCHEDULE OR UNLESS OTHERWISE INDICATED BY HEAD DETAIL
5. ALL CLOSERS TO BE LOCATED ON THE ROOM SIDE OF THE DOOR WHERE INSTALLED AT CORRIDORS. IN NON CORRIDORS, CLOSERS TO BE INSTALLED AT THE ROOM SIDE FOR THE ROOM BEING SERVED BY THE OPENER
6. ALL FIRE RATINGS NOTED IN MINUTES

DOOR PANEL TYPES

DOOR SCHEDULE COMMENTS

MODIFY/DELETE ITEMS AS NEEDED

1. PANIC HARDWARE
2. VACANT/OCCUPIED LIGHT OVER DOOR
3. ADA DOOR OPERATOR
4. PACKAGED DOOR ASSEMBLY, RE: SPECS
5. AUTOMATIC CARD READER AT DOOR, RE: SECURITY
6. MAGNETIC HOLD OPEN DEVICE TIED TO FIRE ALARM
7. MAGNETIC HOLD OPEN DEVICE - CONVENIENCE
8. MAGNETIC HOLD OPEN DEVICE TIED TO SECURITY
9. REMOTE ACTIVATED LATCH
10. BALLISTISTICS FILM APPLIED TO ALL GLAZING

DOOR SCHEDULE ABBREVIATIONS

MODIFY/DELETE ITEMS AS NEEDED

AL: ALUMINUM
HM: HOLLOW METAL
MTL: METAL
CL: CHAIN LINK
RM: REFER TO MANUFACTURER
ST: SMOKE TIGHT
SCW: SOLID CORE WOOD
FBC: POLYMER CORE
MIN: MINUTES
HW: HARDWARE

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

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REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

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REVISIONS:

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A8.00-A
DOOR SCHEDULE

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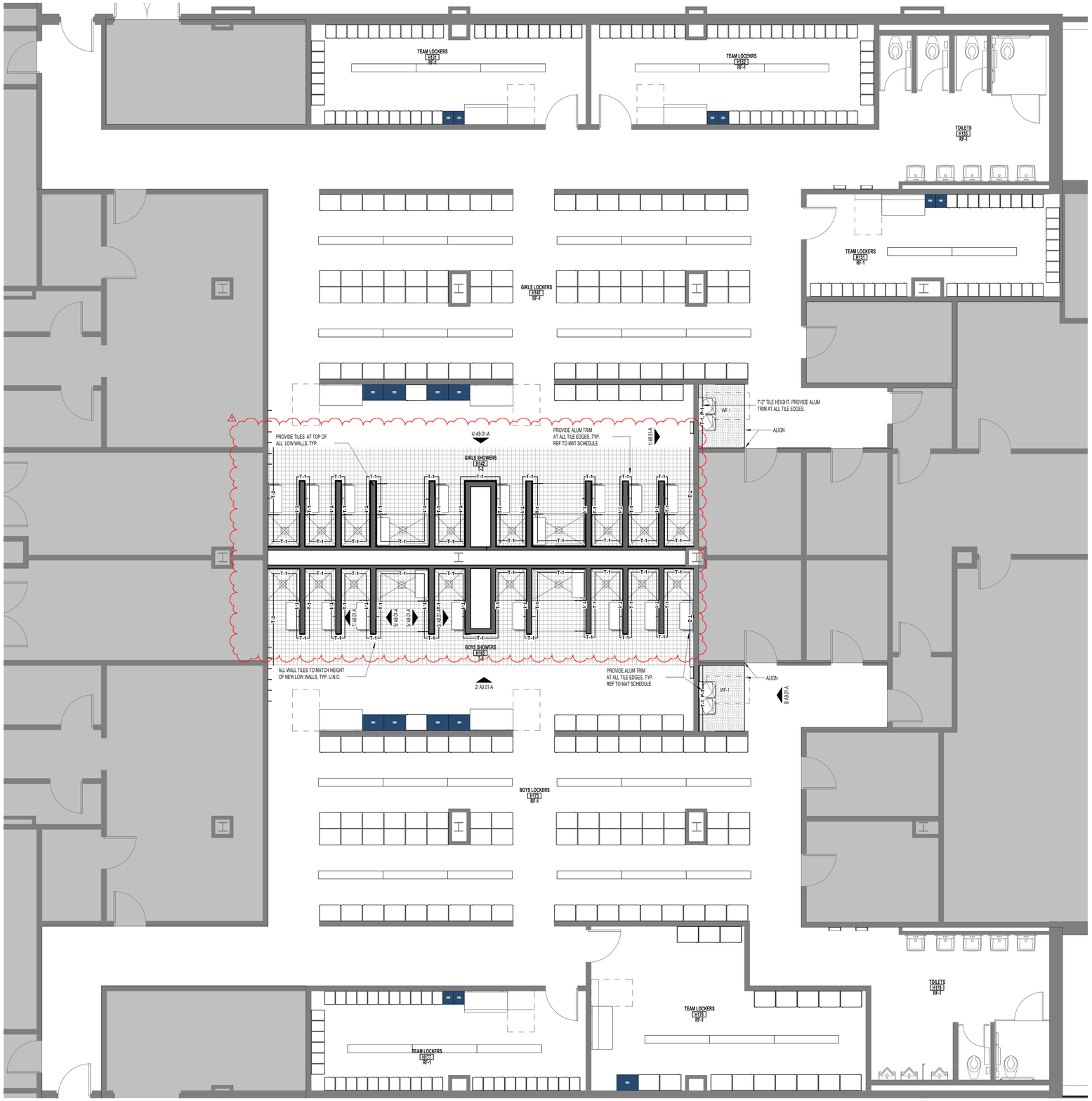

GYM LOCKERS FINISH FLOOR PLAN - A 2
SCALE: 1/4" = 1'-0"

MATERIAL FINISH LEGEND

T-3 (PORCELAIN TILE)
RF-1 (RESINOUS FLOORING)
WF-1 (WALK- OFF CARPET)

PROVIDE CONTROL JOINTS (C.J.) AS SHOWN & AT COLOR CHANGES. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS

SYMBOLS

MW	MARKER WALL - DRY ERASE WALL-COVERING
CJ	CONTROL JOINT*
EJ	EXPANSION JOINT
CG	CORNER GUARD
HLB	HORIZONTAL LOUVER BLINDS
RS	ROLLER SHADES

T-X, P-X — WALL FINISH, REF TO MATERIAL SCHEDULE FOR FINISH TYPE MARKS

ROOM
100
PCON
FLOOR FINISH

* PROVIDE CONTROL JOINTS AS SHOWN. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS. REFER TO STRUCTURAL DWGS FOR DIMENSIONS. AT COLOR TRANSITIONS, PROVIDE SCORE LINE U.N.O.

** REFER TO ROOM FINISH SCHEDULE FOR FULL LIST OF FINISH WITHIN ROOM

FLOOR TRANSITIONS

REFER TO MATERIAL SCHEDULE FOR ALUMINUM TRIM TRANSITION TYPES. REF TO SPECS FOR MARBLE THRESHOLDS.

RENOVATE GYM LOCKER ROOMS

BUILDING KEY PLAN

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FINISH FLOOR PLAN
GYM LOCKERS

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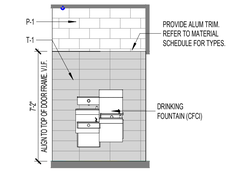
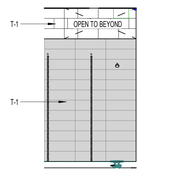
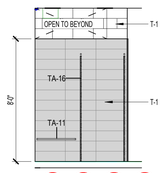


DRINKING FOUNTAIN, TYP 8
SCALE: 1/4" = 1'-0"

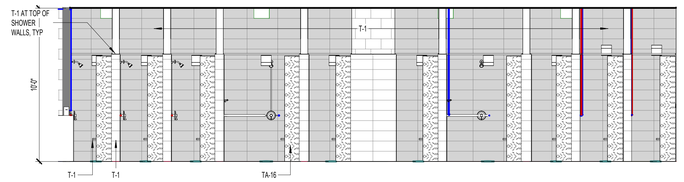


SHOWERS 7
SCALE: 1/4" = 1'-0"

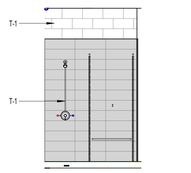
SHOWERS 6
SCALE: 1/4" = 1'-0"



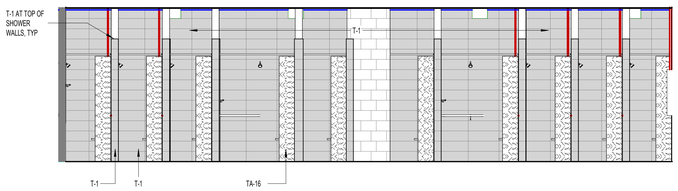
SHOWERS 5
SCALE: 1/4" = 1'-0"



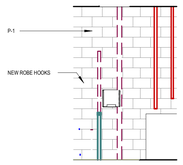
GIRLS SHOWERS 4
SCALE: 1/4" = 1'-0"



SHOWERS 3
SCALE: 1/4" = 1'-0"

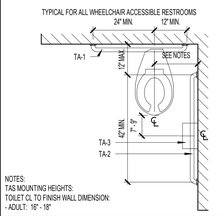


BOYS SHOWERS 2
SCALE: 1/4" = 1'-0"



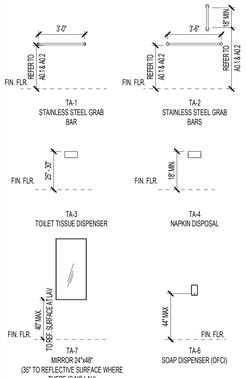
INTERIOR ELEVATION 1
SCALE: 1/4" = 1'-0"

RESTROOM WHEELCHAIR ACCESS, TYPICAL



NOTES:
TAS MOUNTING HEIGHTS:
TOILET CL TO FINISH WALL DIMENSION:
- ADULT: 16" - 18"

TYPICAL MOUNTING HEIGHTS, U.N.O.



NOTE: DIMENSIONS SHOWN ARE BASED ON ADULT MOUNTING HEIGHTS. REFER TO AGE BASED DIMENSIONAL INFORMATION TABLE FOR CHILDREN LOCATED ON SHEET G0.03-A FOR MOUNTING HEIGHTS FOR OTHER AGE RANGES

ENLARGED PLANS: GENERAL NOTES

1. ALL DIMENSIONS AT ENLARGED PLANS ARE TO OUTSIDE FACE OF GYP. BD. / FACE OF CMU/TILT WALL.

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A9.01-A
INTERIOR ELEVATIONS
GYM LOCKERS

AUSTIN HIGH SCHOOL

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ROOM FINISH SCHEDULE - STORAGE BUILDING								
ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	COMMENTS
100	FIELD HOUSE STORAGE	SCONC-1	RB-1	P-1, PLYWOOD PANEL	P-1, PLYWOOD PANEL	P-1, PLYWOOD PANEL	P-1, PLYWOOD PANEL	PLYWOOD PANEL 8' HEIGHT

ROOM FINISH SCHEDULE - GYM LOCKER ROOMS								
ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
H131	TEAM LOCKERS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H132	TEAM LOCEKRS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H135	TOILETS	RF-1	RFB-1	P-1E	P-1E	P-1E	P-1E	
H141	GIRLS LOCKERS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H142	GIRLS SHOWERS	T-3	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF FINISH PLAN
H151	TEAM LOCKERS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H165	BOYS SHOWERS	T-3	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF FINISH PLAN
H173	BOYS LOCKERS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H177	TEAM LOCKERS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H178	TEAM LOCKERS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H179	TOILETS	RF-1	RFB-1	P-1E	P-1E	P-1E	P-1E	

MATERIAL SCHEDULE						
MARK	MATERIAL	MANUFACTURER	STYLE	COLOR	SPECS	REMARKS
01 FLOOR FINISH						
RF-1	RESINOUS FLOORING	STONHARD	STONSHIELD SLT	CUSTOM (GRAY BASE & ACCENT SCHOOL COLOR)		LOCKERS FLOORING AND BASE
SCONC-1	SEALED CONCRETE					NEW STORAGE BUILDING
T-3	PORCELAIN TILE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY	2"X2" MOSAIC	SHOWERS
WF-1	WALK-OFF CARPET	TARKETT	ABRASIVE ACTION II	WINTER GRAY	POWERBOND, ROLL	AT DRINKING FOUNTAIN
02 BASE						
RFB-1	RESINOUS FLOORING BASE	STONHARD	STONSHIELD SLT	CUSTOM (GRAY BASE & ACCENT SCHOOL COLOR)	COVE BASE 4"	AT WALLS AND LOCKER BASE
TB-1	TILE BASE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY	COVE BASE 4"	SHOWERS
03 WALL FINISH						
P-1	PAINT	SHERWIN WILLIAMS		SW 9166 DRIFT OF MIST		FIELD PAINT
P-1E	EPOXY PAINT	SHERWIN WILLIAMS		MATCH FIELD PAINT, U.N.O.	REF SPECS	EPOXY PAINT AT WET AREAS
P-2	PAINT	SHERWIN WILLIAMS		SW 6868 REAL RED		RED ACCENT SCHOOL COLOR
P-3	PAINT	SHERWIN WILLIAMS		SW 7658 GRAY CLOUDS	REF SPECS FOR PAINT FINISH	NEW DOORS
T-1	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	CALM	8"X24", GLOSSY, HORIZONTALLY STACKED	SHOWERS
T-2	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	SCARLET	8"X24", GLOSSY, HORIZONTALLY STACKED	SHOWERS
04 CEILING						
GYP-1	GYPSUM CEILING					SHOWERS
05 TRANSITION						
TR-1	ALUMINUM TRIM	SCHLUTER		ANODIZED	ADA COMPLIANT	RESINOUS FLOORING TO EXISTING FLOOR
TR-2	ALUMINUM TRIM	SCHLUTER	JOLLY	ANODIZED		AT TILE EDGES AND OUTSIDE CORNERS. PROVIDE END CAP
TR-3	ALUMINUM TRIM	SCHLUTER	RENO-TK	ANODIZED	ADA COMPLIANT	RESINOUS TO WF
TR-4	ALUMINUM TRIM	SCHLUTER	RENO-U	ANODIZED	ADA COMPLIANT	RESINOUS TO TILE
06 EQUIPMENT						
BENCHES		LIST INDUSTRIES		GREY TOPS & STEEL PEDESTALS	REF SPECS	AT LOCKER ROOMS
LOCKERS		LIST INDUSTRIES		721 RELAY RED		REF TO LOCKERS SCHEDULE
07 MISC FINISHES						
CURT-1	SHOWER CURTAIN	KR SPECIALITIES		WHITE	REF SPECS	AT SHOWERS
HOOKS	SHOWER CURTAIN HOOK	BRADLEY			STAINLESS STEEL	AT SHOWERS
ROD	SHOWER CURTAIN ROD	BRADLEY			STAINLESS STEEL	AT SHOWERS
08 EXTERIOR						
MP-1	INSULATED METAL WALL PANEL	RED DOT BUILDINGS	SIGNATURE 300	SLATE GRAY		PEMB
MP-2	INSULATED METAL WALL PANEL	RED DOT BUILDINGS	SIGNATURE 300	BRITE RED	ACCENT COLOR	PEMB
PM-1	PREFINISHED METAL	BERRIDGE		TO MATCH MP-1		ROOF COPING, GUTTERS, ANY EXTERIOR METAL

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A9.03-A
MATERIAL & ROOM FINISH SCHEDULE

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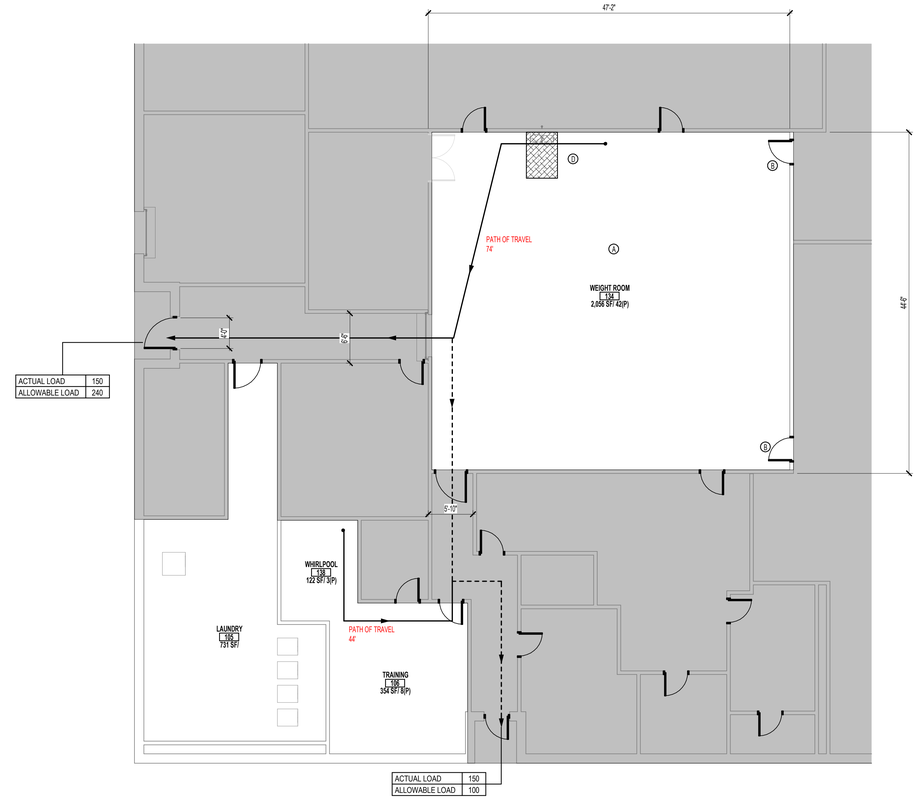
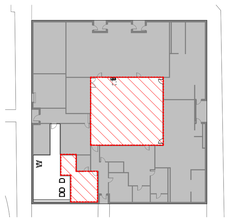


FIELD HOUSE CODE REVIEW- B 3

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



FEILD HOUSE KEY PLAN 4

SCALE: 1" = 40'-0"

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND ILLUMINATED EXIT SIGNS.
2. REFER TO A2.00-B FOR DOOR SCHEDULE IDENTIFING FIRE RATING RATINGS
3. IF AN OPENING OCCURS IN A RATED WALL, REFER TO THE SPECIFICATIONS FOR REQUIREMENTS.
4. FIRE SPRINKLER SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE SPRINKLER SYSTEM
5. FIRE ALARM SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE ALARM SYSTEM. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARD 14 AND THE COUNTY FIRE MARSHALL.
6. ALL EXITS SHALL COMPLY WITH ACCESSIBLE STANDARDS AND DISCHARGE TO A PAVED PUBLIC WAY, OR A PAVED SIDEWALK WHICH LEADS TO A PUBLIC WAY.
7. BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE COUNTY FIRE CODE AND REFERENCED DOCUMENTS.

APPLICABLE CODES

2015 IBC INTERNATIONAL BUILDING CODE
2015 IMC INTERNATIONAL MECHANICAL CODE
2015 IPC INTERNATIONAL PLUMBING CODE
2012 NFPA (NATIONAL FIRE PROTECTION AGENCY) 101 LIFE SAFETY CODE (CHAPTER 43 - 2006 NFPA 101)
2012 NFPA (NATIONAL FIRE PROTECTION AGENCY) 170 STANDARD FOR FIRE SAFETY AND EMERGENCY SYMBOLS
2014 NFPA (NATIONAL FIRE PROTECTION AGENCY) 70 NATIONAL ELECTRICAL CODE
2013 ASHRAE STANDARD 90.01 - ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS
TAS TEXAS ACCESSIBILITY STANDARDS (ADOPTED MARCH 2012)
2021 INTERNATIONAL FIRE CODE

2015 IBC COMPLIANCE DATA

CHAPTER 3 – USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 – EDUCATIONAL GROUP E

BUILDING AREA ACTUAL
LEVEL 1: TRAINING ROOM AND WEIGHT ROOM: 2,578 SQUARE FEET

SECTION 508 - MIXED USE AND OCCUPANCY
508.4 - NO SEPARATION BETWEEN GROUP E OCCUPANCIES

CHAPTER 6 - TYPES OF CONSTRUCTION

SECTION 601 - GENERAL
601 - FOR CONSTRUCTION TYPE IIB: 0 HOUR FIRE-RESISTANCE RATING REQUIREMENT FOR BUILDING ELEMENTS
NOTE: ELEMENTS INCLUDE PRIMARY STRUCTURAL FRAME, EXTERIOR AND INTERIOR WALLS, FLOOR AND ROOF CONSTRUCTION

SECTION 602 - CONSTRUCTION CLASSIFICATION
602 - FOR CONSTRUCTION TYPE IIB: 1 HOUR FIRE RESISTANCE RATING FOR EXTERIOR WALLS IF < 10 FT. FROM OTHER STRUCTURES, ELSE 0
602.4 - NOT APPLICABLE

CHAPTER 6 – TYPES OF CONSTRUCTION
CONSTRUCTION TYPE 2B - PER TABLES 601 & 602:
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS: NO RATING REQUIRED FOR ANY BUILDING ELEMENT LISTED: PRIMARY STRUCTURE, BEARING & NONBEARING WALLS/ PARTITIONS (INTERIOR & EXTERIOR), FLOOR CONSTRUCTION AND SECONDARY MEMBERS, ROOF CONSTRUCTION AND SECONDARY MEMBERS

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

SECTION 705 - EXTERIOR WALLS
705.2 - PROJECTION SEPARATION DISTANCE FROM FSD LINE FOR FSD OF 30 FT: 20 FT. MINIMUM / **30 FT. ACTUAL**
705.2.1 - PROJECTIONS FROM TYPE II CONSTRUCTION SHALL BE OF NON-COMBUSTABLE MATERIALS
705.8.1 - EXCEPTION 1: BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS, AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS

SECTION 706 - FIRE WALL
TABLE 706.4 - FIRE WALL FIRE-RESISTANCE RATINGS: 2 HOUR IN IIB CONSTRUCTION, GROUP E

SECTION 707 - FIRE BARRIERS
707.3.1 - SHAFT ENCLOSURES (INCLUDING ELEVATOR HOISTWAY): 1 HOUR FIRE BARRIER
707.3.3 - ENCLOSURES FOR EXIT ACCESS STAIRWAY ENCLOSURES: 1 HOUR BARRIER
PER SECTION 1019 EXIT ACCESS STAIRWAYS ARE NOT REQUIRED TO BE ENCLOSED FOR THIS BUILDING TYPE

SECTION 713 - SHAFT ENCLOSURES (ELEVATOR SHAFT)
ALL SHAFT ENCLOSURES SHALL BE CONSTRUCTED AS FIRE BARRIERS AND SHALL BE 1 HOUR FIRE RATED. SUPPORTING CONSTRUCTION SHALL BE RATED TO THE SAME DEGREE AS THE WALLS.

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
903.2.3 - FOR GROUP E: REQUIRED FOR FIRE AREAS GREATER THAN 12,000 SQ. FT., BUILDING IS FULLY SPRINKLERED

CHAPTER 10 - MEANS OF EGRESS

SECTION 1004 OCCUPANT LOAD
1004.1.2 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

STORAGE, MECHANICAL	300 SQ. FT., GROSS
ASSEMBY WITH FIXED SEATS	18" PER OCCUPANT IN BLEACHERS
ASSEMBLY WITHOUT FIXED SEATS	
(TABLES AND CHAIRS)	15 SQ. FT. NET
BUSINESS	100 SQ. FT. GROSS
EDUCATION, CLASSROOM	20 SQ. FT. GROSS
EDUCATION, VOCATIONAL	50 SQ. FT. NET
LIBRARY	
(READING ROOMS)	50 SQ. FT. NET
(STACK AREAS)	100 SQ. FT. GROSS
STAGES & PLATFORMS	500 SQ. FT. GROSS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3.1 - FOR STAIRWAYS: 0.2 IN. PER OCCUPANT
1005.3.2 - FOR OTHER EGRESS COMPONENTS: 0.15 IN. PER OCCUPANT

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2.1 - FOR SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY, SEE CODE PLAN

SECTION 1007 - EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
107.1.1 - FOR DISTANCE BETWEEN EXITS, SEE CODE PLAN

SECTION 1009 - ACCESSIBLE MEANS OF EGRESS
1009.3 - FOR SPRINKLERED BUILDINGS, 48 IN. CLEAR HANDRAIL WIDTH IN EXIT STAIRS NOT REQUIRED.
1009.3 - FOR SPRINKLERED BUILDINGS, AREAS OF REFUGE IN EXIT STAIRS NOT REQUIRED

SECTION 1010 - DOORS, GATES, AND TURNSTILES
1010.1.1 - MINIMUM EGRESS DOOR WITH OF 32"
1010.1.2.1 - EGRESS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL
1010.1.8 - DOORS IN SERIES MUST BE SEPARATED A MIMIMUM OF 48 IN. PLUS THE SWING OF THE DOOR

SECTION 1011 - STAIRWAYS
1011.2 - MINIMUM STAIRWAY WIDTH OF 44 IN.
1011.3 - MINIMUM STAIRWAY HEADROOM CLEARANCE OF 80 IN.
1011.5.2 - MAXIMUM RISER HEIGHT OF 7 IN., MINIMUM TREAD DEPTH OF 11 IN.
1011.6 - WIDTH OF LANDINGS SHALL BE NOT LESS THAN THE WIDTH OF STAIRWAY SERVED
1011.6 - LANDING DEPTH NEED NOT EXCEED 48 IN. FOR STRAIGHT-RUN STAIRS
1011.8 - A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE GREATER THAN 12 FT. BETWEEN FLOOR LEVELS AND LANDINGS

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 - FOR GROUP E W/ SPRINKLER SYSTEM: EXIT TRAVEL DISTANCE IS 250 FT.

SECTION 1020 - CORRIDORS
1020.1 - FOR GROUP E W/ SPRINKLER SYSTEM: NO REQUIRED FIRE-RESISTANCE RATING
1020.2 - FOR GROUP E W/ OCCUPANT LOAD OF 100 OR MORE: MINIMUM WIDTH OF 72 IN.
1020.2 - FOR AN OCCUPANT LOAD LESS THAN 50: MINIMUM WIDTH OF 36 IN.
1020.2 - FOR ACCESS TO AND UTILIZATION OF MECHANICAL, PLUMBING, OR ELECTRICAL SYSTEMS OR EQUIPMENT: MINIMUM WIDTH OF 24 IN.
1020.2 - FOR ALL OTHER CONDITIONS: MINIMUM WIDTH OF 44 IN.
1020.4 - FOR GROUP E W/ SPRINKLER SYSTEM: DEAD ENDS MAY BE 50 FT. IN LENGTH

CODE REVIEW: IBC 2015 - EXISTING BUILDING

CHAPTER 6 - REPAIRS

NEW AND REPLACEMENT MATERIALS (SEC 602.2)
EXCEPT AS OTHERWISE REQUIRED OR PERMITTED BY THIS CODE, MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED. LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED NO DANGEROUS OR UNSAFE CONDITION, AS DEFINED IN CHAPTER 2, IS CREATED. HAZARDOUS MATERIALS, SUCH AS ASBESTOS AND LEAD-BASED PAINT, SHALL NOT BE USED WHERE THE CODE FOR NEW CONSTRUCTION WOULD NOT PERMIT THEIR USE IN BUILDINGS OF SIMILAR OCCUPANCY, PURPOSE AND LOCATION.

GENERAL ACCESSIBILITY (SEC 605.1)
REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF ACCESSIBILITY PROVIDED.

CHAPTER 7 - ALTERATIONS - LEVEL 1

CONFORMANCE (SEC 701.2)
AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION.
EXCEPTION: WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

INTERIOR FINISHES (SEC 702.2)
NEW INTERIOR FLOOR FINISH, INCLUDING NEW CARPETING USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 OF THE INTERNATIONAL BUILDING CODE.

CHAPTER 8 - ALTERATIONS - LEVEL 2

COMPLIANCE (SEC 801.3)
ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

EXCEPTIONS:
WINDOWS MAY BE ADDED WITHOUT REQUIRING COMPLIANCE WITH THE LIGHT AND VENTILATION REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.
NEWLY INSTALLED ELECTRICAL EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 808.
THE LENGTH OF DEAD-END CORRIDORS IN NEWLY CONSTRUCTED SPACES SHALL ONLY BE REQUIRED TO COMPLY WITH THE PROVISIONS OF SECTION 805.6.
THE MINIMUM CEILING HEIGHT OF THE NEWLY CREATED HABITABLE AND OCCUPIABLE SPACES AND CORRIDORS SHALL BE 7 FEET (2134 MM).

FIRE ALARM AND DETECTION (SEC 804.4)
AN APPROVED FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SECTIONS 804.4.1 THROUGH 804.4.3..

GROUP E OCCUPANCY (SEC 804.4.1.1)
A FIRE ALARM SYSTEM SHALL BE INSTALLED IN WORK AREAS OF GROUP E OCCUPANCIES AS REQUIRED BY THE INTERNATIONAL FIRE CODE FOR EXISTING GROUP E OCCUPANCIES.

LEGEND

- 1 HOUR FIRE-RESISTANCE RATING
- 2 HOUR FIRE-RESISTANCE RATING
- RATED EXIT ENCLOSURE
- LONGEST EXIT ROUTE PER LEVEL
- EXIT ROUTE
- EXIT POINT WITH WIDTH INDICATED IN INCHES (P 36" / R 36"): OCCUPANT LOAD SHOWN VERTICAL; P=PROVIDED EXIT WIDTH OF EGRESS COMPONENT; R=REQUIRED EXIT WIDTH OF EGRESS COMPONENT
- FEC: FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER
- FE: FIRE EXTINGUISHER - SURFACE MOUNTED

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REGISTERED ARCHITECT MICHAEL ADAMS 30113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

No.	Date	Description
1	01/14/2025	ADDENDUM #01

100% CD

G0.03-B
LEVEL 01 - CODE PLAN

BUSH HIGH SCHOOL

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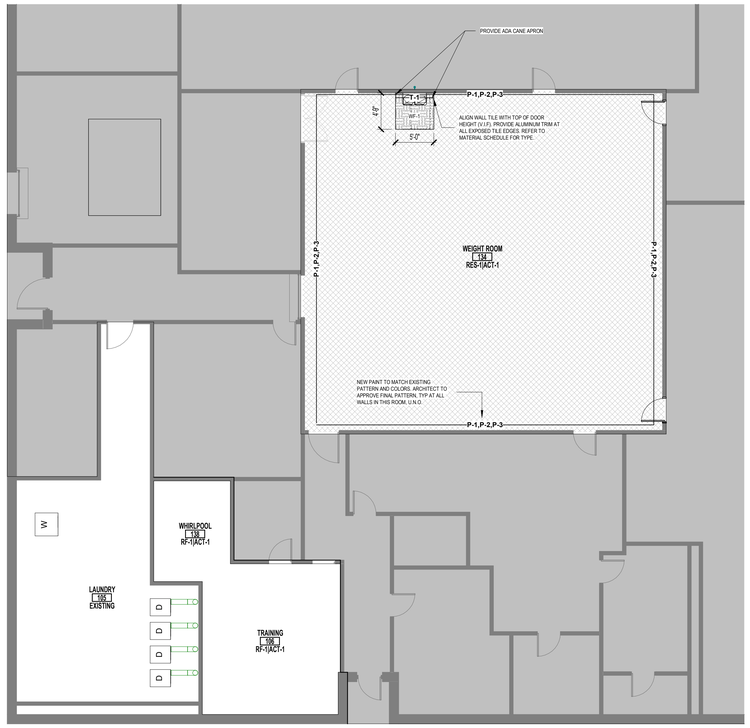
ROOM FINISH SCHEDULE - WEIGHT ROOM

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
106	TRAINING	RF-1	RFB-1	P-1	P-1	P-1	P-1	
134	WEIGHT ROOM	RES-1	RB-1	P-1, P-2 & P-3	P-1, P-2 & P-3	P-1, P-2 & P-3	P-1, P-2 & P-3	TO MATCH EXISTING
138	WHIRLPOOL	RF-1	RFB-1	P-1	P-1	P-1	P-1	

MATERIAL SCHEDULE

MARK	MATERIAL	MANUFACTURER	STYLE	COLOR	SPECS	REMARKS
01 FLOOR FINISH						
RES-1	RESILIENT FLOORING	MONDO	RAMFLEX	986 MARINE BLUE	3/8" THICKNESS (10MM) SMOOTH TEXTURE	WEIGHT ROOM
RF-1	RESINOUS FLOORING	STONHARD	STONSHIELD SLT	CUSTOM (GRAY BASE WITH SCHOOL COLOR ACCENT)		TRAINING ROOM
WF-1	WALK-OFF CARPET	TARKETT	ABRASIVE ACTION II	1 WINTER GRAY	POWERBOND ROLL	AT DRINKING FOUNTAINS
02 BASE						
RB-1	RUBBER BASE	JOHNSONITE	COLORMATCH	40 BLACK	COVED, 4" HEIGHT	WEIGHT ROOM
RFB-1	RESINOUS FLOOR BASE	STONHARD	STONSHIELD SLT	CUSTOM (GRAY BASE WITH SCHOOL COLOR ACCENT)	COVED, 4" HEIGHT	TRAINING ROOM
03 WALL FINISH						
P-1	PAINT	SHERWIN WILLIAMS				FIELD, MATCH EXISTING
P-2	PAINT	SHERWIN WILLIAMS		SW 6244, NAVAL		BLUE ACCENT
P-3	PAINT	SHERWIN WILLIAMS				ORANGE ACCENT, MATCH EXISTING
P-4	PAINT	SHERWIN WILLIAMS			REF SPECS FOR PAINT FINISH	NEW DOORS (MATCH EXISTING COLOR)
T-1	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	CALM	8"X24" GLOSSY	AT DRINKING FOUNTAINS
04 CEILING FINISH						
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	CLEAN ROOM VL NO. 870	WHITE	24"X24" SQUARE EDGE	WEIGHT ROOM & TRAINING ROOM
05 MISC FINISHES						
TR-1	ALUMINUM STRIP	SCHLUTER	RENO-U	ANODIZED	FLOOR TRANSITION, ADA COMPLIANT	RES-1 TO WF, RF-1 TO VCT
TR-2	ALUMINUM STRIP	SCHLUTER	RENO-TK	ANODIZED	FLOOR TRANSITION, ADA COMPLIANT	RES-1 TO WF
TR-3	ALUMINUM STRIP	SCHLUTER	JOLLY	ANODIZED		AT TILE EDGES



FIELD HOUSE FLOOR PLAN - FINISH PLAN 1

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

MATERIAL FINISH LEGEND

RF-1 RESINOUS FLOOR

RES-1 RESILIENT FLOORING

PROVIDE CONTROL JOINTS (C.J.) AS SHOWN & AT COLOR CHANGES. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS

SYMBOLS

MW	MARKER WALL - DRY ERASE WALL-COVERING
CJ	CONTROL JOINT*
EJ	EXPANSION JOINT
CG	CORNER GUARD

T-X, P-X — WALL FINISH. REF TO MATERIAL SCHEDULE FOR FINISH TYPE MARKS

ROOM 100 PCON | SAF-1 — CEILING FINISH / FLOOR FINISH

* PROVIDE CONTROL JOINTS AS SHOWN. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS. REFER TO STRUCTURAL DWGS FOR DIMENSIONS. AT COLOR TRANSITIONS, PROVIDE SCORE LINE U.N.O.

** REFER TO ROOM FINISH SCHEDULE FOR FULL LIST OF FINISH WITHIN ROOM

FLOOR TRANSITIONS

REF TO MATERIAL SCHEDULE FOR ALUMINUM TRANSITION TYPES.

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FINISH PLAN & MATERIAL SCHEDULE

BUSH HIGH SCHOOL

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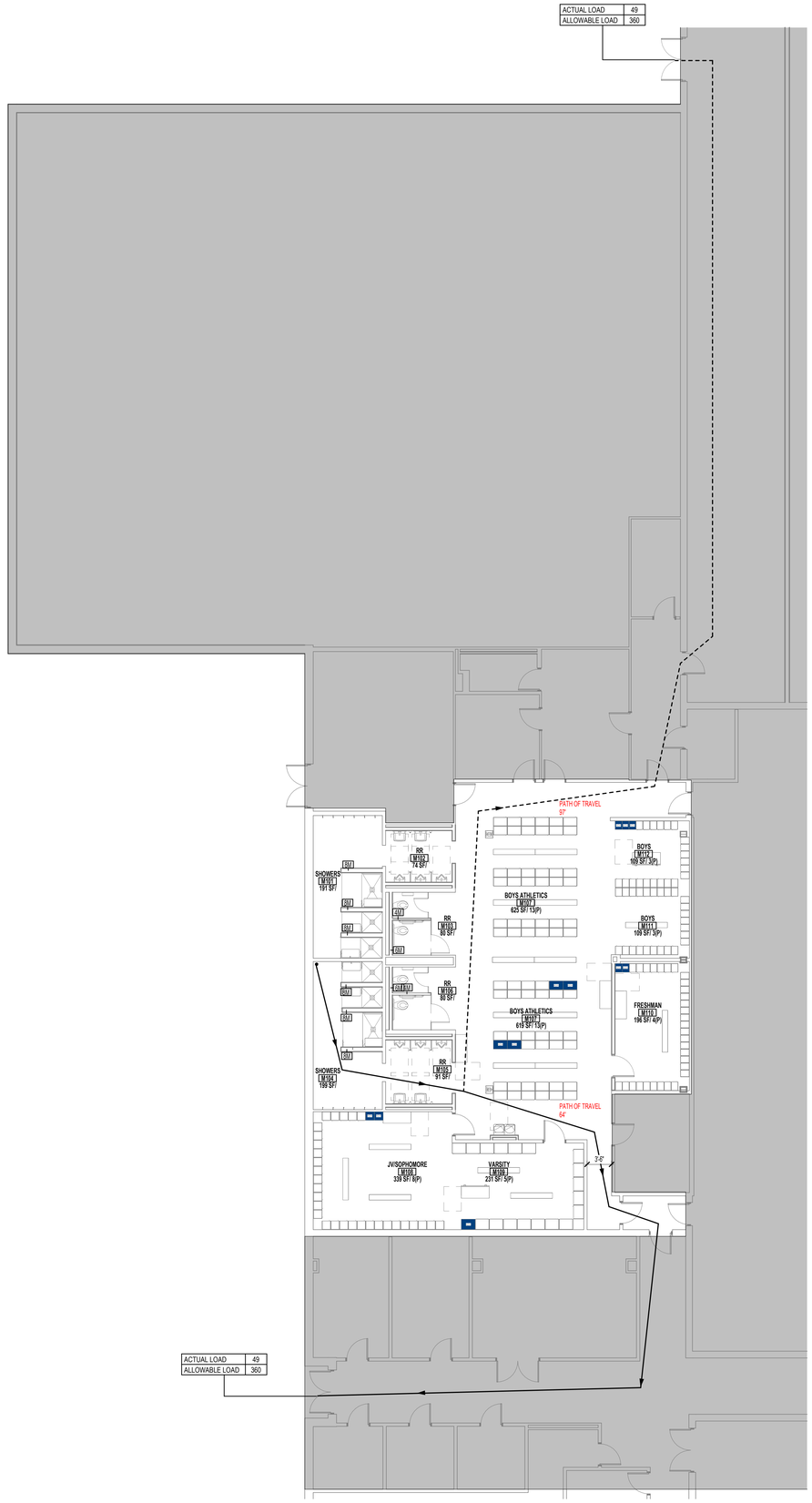
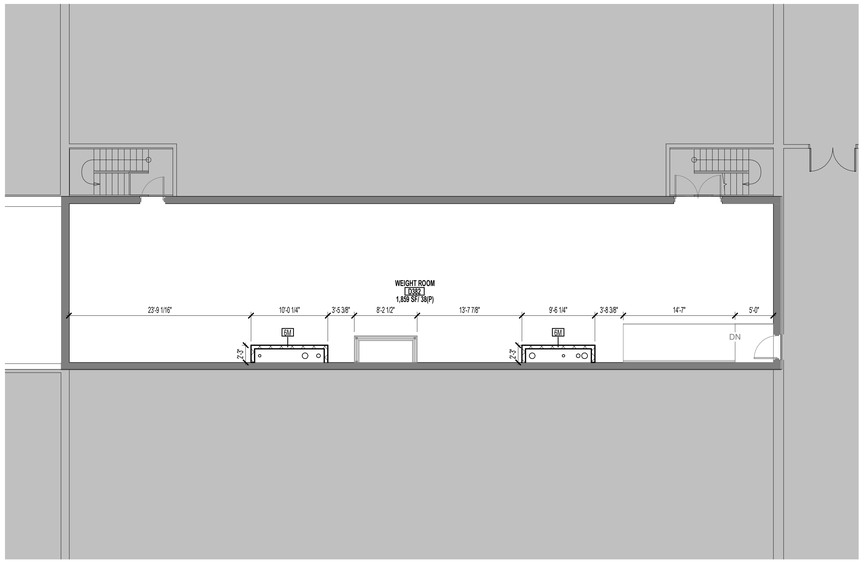


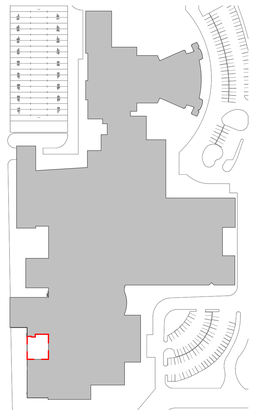
01 CODE PLAN - GYM LOCKER ROOM 1

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



02 FLOOR CODE PLAN - SECOND FLOOR WEIGHT ROOM 2

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



BUILDING KEY PLAN
N.T.S

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND ILLUMINATED EXIT SIGNS.
2. REFER TO A0.01 FOR COMPOSITION OF RATED PARTITIONS.
3. REFER TO A8.00 FOR DOOR SCHEDULE IDENTIFYING FIRE RATING RATINGS
4. IF AN OPENING OCCURS IN A RATED WALL, REFER TO THE SPECIFICATIONS FOR REQUIREMENTS.
5. FIRE SPRINKLER SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL. ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE SPRINKLER SYSTEM
6. FIRE ALARM SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL. ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE ALARM SYSTEM. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARD 14 AND THE COUNTY FIRE MARSHALL.
7. ALL EXITS SHALL COMPLY WITH ACCESSIBLE STANDARDS AND DISCHARGE TO A PAVED PUBLIC WAY, OR A PAVED SIDEWALK WHICH LEADS TO A PUBLIC WAY.
8. BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE COUNTY FIRE CODE AND REFERENCED DOCUMENTS.

APPLICABLE CODES

2021 IBC INTERNATIONAL BUILDING CODE
2021 IMC INTERNATIONAL MECHANICAL CODE
2021 IPC INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2021 INTERNATIONAL EXISTING BUILDING CODE
2023 NATIONAL ELECTRICAL CODE
TAS TEXAS ACCESSIBILITY STANDARDS (ADOPTED MARCH 2012)

2021 IBC COMPLIANCE DATA

CHAPTER 2 - DEFINITIONS
GRADE PLANE: A REFERENCE PLANE REPRESENTING THE AVERAGE OF FINISHED GROUND LEVEL ADJOINING THE BUILDING AT EXTERIOR WALLS. WHERE THE FINISHED GROUND LEVEL SLOPES AWAY FROM THE EXTERIOR WALLS, THE REFERENCE PLANE SHALL BE ESTABLISHED BY THE LOWEST POINTS WITHIN THE AREA BETWEEN THE BUILDING AND THE LOT LINE OR, WHERE THE LOT LINE IS MORE THAN 6 FEET (1829 MM) FROM THE BUILDING, BETWEEN THE BUILDING AND A POINT 6 FEET (1829 MM) FROM THE BUILDING.
GRADE PLANE = -7' BELOW PROJECT "0' 0" ELEVATION"

STORY ABOVE GRADE PLANE: ANY STORY HAVING ITS FINISHED FLOOR SURFACE ENTIRELY ABOVE GRADE PLANE, OR IN WHICH THE FINISHED SURFACE OF THE FLOOR NEXT ABOVE IS: 1. MORE THAN 6 FEET (1829 MM) ABOVE GRADE PLANE; OR 2. MORE THAN 12 FEET (3658 MM) ABOVE THE FINISHED GROUND LEVEL AT ANY POINT.

CHAPTER 3 – USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 – EDUCATIONAL GROUP E
BUILDING AREA ACTUAL
LEVEL 1: GYM LOCKERS: 2,943 SQUARE FEET
LEVEL 2:WEIGHT ROOM: 1,859 SQUARE FEET

CHAPTER 6 - TYPES OF CONSTRUCTION

SECTION 601 - GENERAL
601 - FOR CONSTRUCTION TYPE II B: 0 HOUR FIRE-RESISTANCE RATING REQUIREMENT FOR BUILDING ELEMENTS
NOTE: ELEMENTS INCLUDE PRIMARY STRUCTURAL FRAME, EXTERIOR AND INTERIOR WALLS, FLOOR AND ROOF CONSTRUCTION

SECTION 602 - CONSTRUCTION CLASSIFICATION
602 - FOR CONSTRUCTION TYPE II B: 0 HOUR FIRE RESISTANCE RATING FOR EXTERIOR WALLS IF < 10 FT. FROM OTHER STRUCTURES, ELSE 0

CHAPTER 6 – TYPES OF CONSTRUCTION
CONSTRUCTION TYPE II B - PER TABLES 601 & 602:
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS: NO RATING REQUIRED FOR ANY BUILDING ELEMENT LISTED: PRIMARY STRUCTURE, BEARING & NONBEARING WALLS/ PARTITIONS (INTERIOR & EXTERIOR), FLOOR CONSTRUCTION AND SECONDARY MEMBERS, ROOF CONSTRUCTION AND SECONDARY MEMBERS

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

SECTION 705 - EXTERIOR WALLS
705.2 - PROJECTION SEPARATION DISTANCE FROM FSD LINE FOR FSD OF 30 FT: 20 FT. MINIMUM / **30 FT. ACTUAL**
705.2.1 - PROJECTIONS FROM TYPE II CONSTRUCTION SHALL BE OF NON-COMBUSTIBLE MATERIALS
705.8.1 - EXCEPTION 1: BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS, AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

SECTION 706 - FIRE WALL - N/A

SECTION 707 - FIRE BARRIERS - N/A

SECTION 713 - SHAFT ENCLOSURES (ELEVATOR SHAFT) - N/A

TABLE 716.5 - OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: 1 HOUR IF <30 FT FROM OTHER STRUCTURES; NO RATING REQUIRED IF >30 FT FROM OTHER STRUCTURES; BUILDING IS HUNDREDS OF FEET FROM ANOTHER STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
903.2.3 - FOR GROUP E: REQUIRED FOR FIRE AREAS GREATER THAN 12,000 SQ. FT., BUILDING IS SPRINKLERED,

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 75 FT. MAX. DISTANCE TO TRAVEL TO EXTINGUISHER
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 11,250 SQ. FT. MAX FLOOR AREA FOR EXTINGUISHER

CHAPTER 10 - MEANS OF EGRESS

SECTION 1004 OCCUPANT LOAD
TABLE 1004.5 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT
STORAGE, MECHANICAL 300 SQ. FT., GROSS
EDUCATION, CLASSROOM 20 SQ. FT. GROSS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3.2 - FOR OTHER EGRESS COMPONENTS: 0.15 IN. PER OCCUPANT

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2.1 - FOR SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY, SEE CODE PLAN
1006.3.2 - FOR OCCUPANT LOAD PER STORY:
CONCESSION BUILDING / LEVEL 1: 3 EXITS REQUIRED, 7 EXITS PROVIDED

SECTION 1007 - EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
107.1.1 - FOR DISTANCE BETWEEN EXITS, SEE CODE PLAN

SECTION 1010 - DOORS, GATES, AND TURNSTILES
1010.1.1 - MINIMUM EGRESS DOOR WITH OF 32"
1010.1.2.1 - EGRESS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL
1010.1.9 - DOORS IN SERIES MUST BE SEPARATED A MINIMUM OF 48 IN. PLUS THE SWING OF THE DOOR

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 - FOR GROUP E W/O SPRINKLER SYSTEM: EXIT TRAVEL DISTANCE IS 200 FT.

CHAPTER 17: SPECIAL INSPECTIONS AND TESTS

STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS REQUIRING SPECIAL INSPECTIONS PER SECTION 705 OF THE IBC HAVE NOT BEEN LISTED HERE. REFER TO STRUCTURAL/MECHANICAL/ELECTRICAL FOR SPECIAL INSPECTION REQUIREMENTS FOR THESE COMPONENTS.
ITEMS OF ARCHITECTURAL CONSTRUCTION WHICH REQUIRE SPECIAL INSPECTION INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

1705.14 SPRAYED FIRE-RESISTANT MATERIALS
1705.15 MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS
1705.16.1 WATER-RESISTIVE BARRIER COATING
1705.17 FIRE-RESISTANT PENETRATIONS AND JOINTS
1705.18 TESTING FOR SMOKE CONTROL

CODE REVIEW: IEBC 2021 - EXISTING BUILDING

CHAPTER 6 - REPAIRS NEW AND REPLACEMENT MATERIALS (SEC 602.2)	LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED NO DANGEROUS OR UNSAFE CONDITION, AS DEFINED IN CHAPTER 2, IS CREATED.
GENERAL ACCESSIBILITY (SEC 605.1)	REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF ACCESSIBILITY PROVIDED.
CHAPTER 7 - ALTERATIONS - LEVEL 1 CONFORMANCE (SEC 701.2)	AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION. WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE IBC 2021.
INTERIOR FINISHES (SEC 702.2)	ALL NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE IBC 2021. NEW INTERIOR FLOOR FINISH, INCLUDING CARPET USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 AND FOR IBC 2021.
CHAPTER 8 - ALTERATIONS - LEVEL 2 COMPLIANCE (SEC 801.3)	ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE IBC 2021.
FIRE ALARM AND DETECTION (SEC 804.4)	AN APPROVED AUTOMATIC FIRE DETECTION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE AND NFPA 72.
GROUP E OCCUPANCY (SEC 804.4.1.1)	A FIRE ALARM SYSTEM SHALL BE INSTALLED IN WORK AREAS OF GROUP E AS REQUIRED BY THE INTERNATIONAL FIRE CODE.

LEGEND

- 1 HOUR FIRE-RESISTANCE RATING
- 2 HOUR FIRE-RESISTANCE RATING
- RATED DOOR/ WINDOW REF. DOOR SCHEDULE FOR MORE INFO.
- NON RATED ELEMENT
- RATED EXIT ENCLOSURE
- LONGEST EXIT ROUTE PER LEVEL
- EXIT ROUTE
- EXIT POINT WITH WIDTH INDICATED IN INCHES (OCCUPANT LOAD SHOWN VERTICAL; P=PROVIDED EXIT WIDTH OF EGRESS COMPONENT; R=REQUIRED EXIT WIDTH OF EGRESS COMPONENT)
- FEC — FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER
- FE — FIRE EXTINGUISHER - SURFACE MOUNTED

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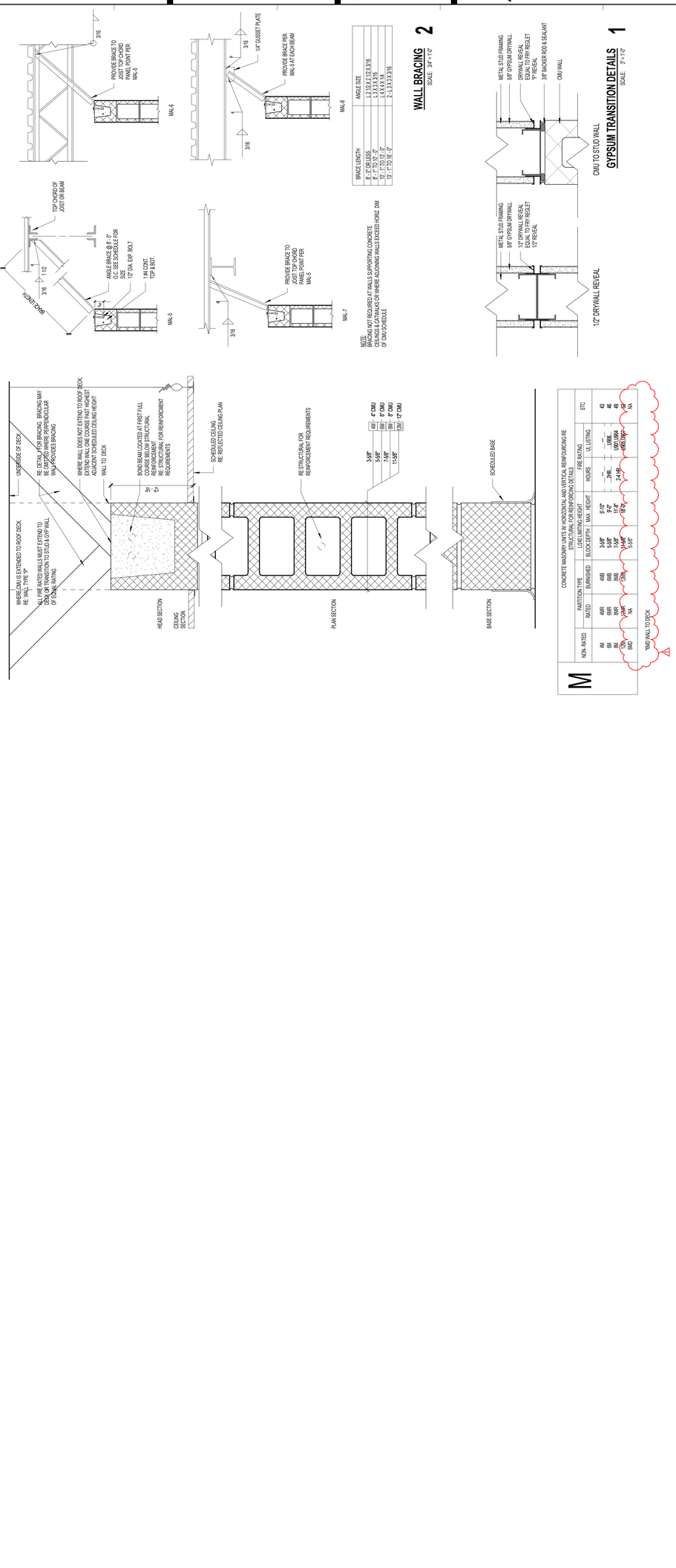
100% CD

G0.03-D

01 CODE PLAN - GYM LOCKER ROOM

DULLES HIGH SCHOOL



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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS
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DULLES HIGH SCHOOL

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Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAME STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25.006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK

REVISIONS
	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD
A0.01-D
PARTITION TYPES

DULLES HIGH SCHOOL
BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

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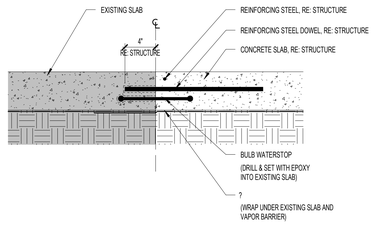
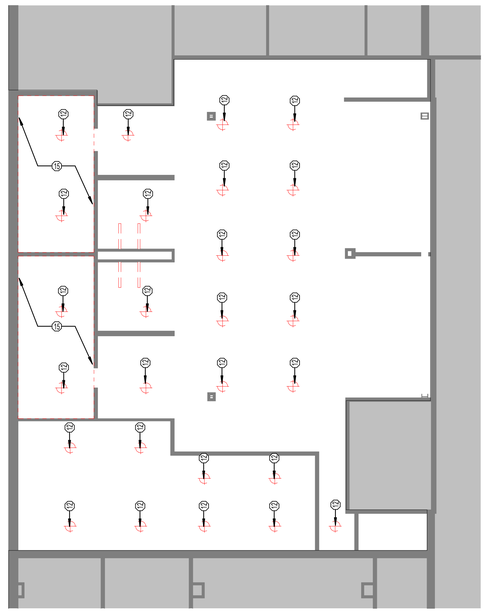
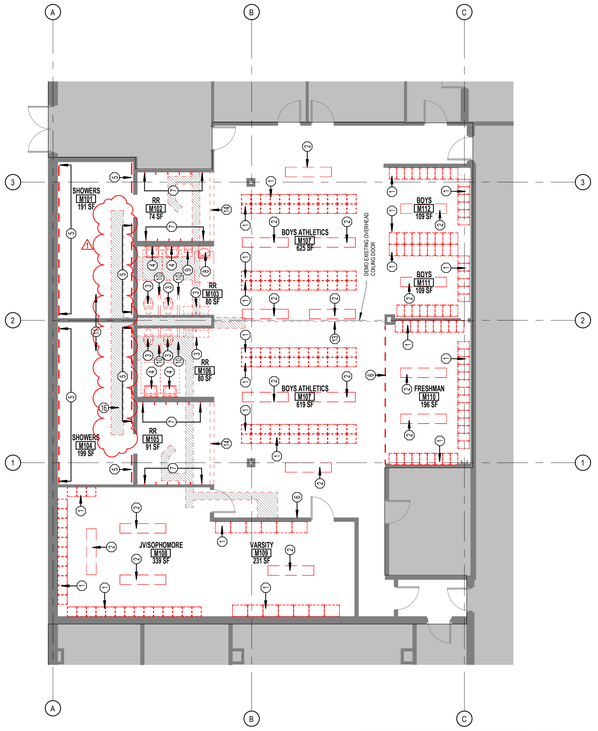


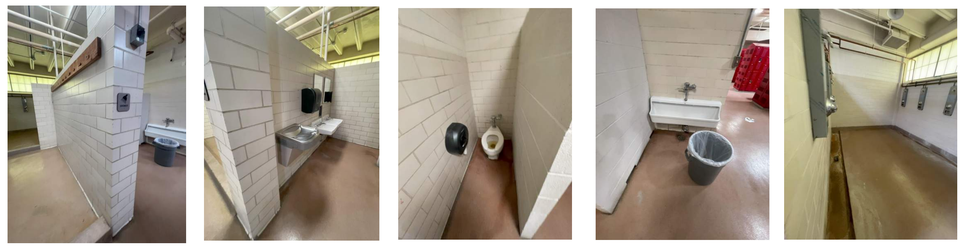
SECTION DETAIL - NEW SLAB AT EXISTING SLAB 5
SCALE: 1 1/2" = 1'-0"

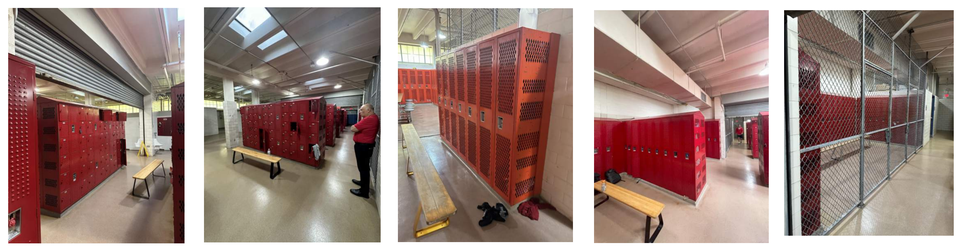


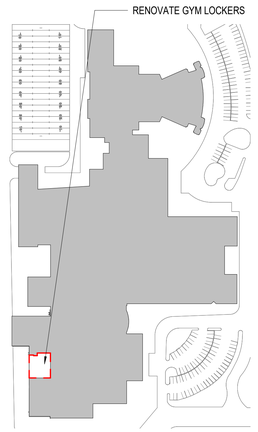
01 RCP - GYM LOCKER ROOM 1
SCALE: 1/8" = 1'-0"



01 DEMO PLAN - GYM LOCKER ROOM 2
SCALE: 1/8" = 1'-0"







BUILDING KEY PLAN- FIRST FLOOR
N.T.S

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. REMOVE, REMOVE AND SALVAGE, AND REMOVE AND REINSTALL ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.
4. DETACH ALL WALL AND CEILING MOUNTED ITEMS THAT ARE AFFECTED BY WORK AND NOT SPECIFICALLY ADDRESSED, REINSTALL OR SALVAGE ITEMS AS DIRECTED BY OWNER, DISPOSE OF ALL OTHERS.
5. WHERE A SEAMLESS PATCH BETWEEN EXISTING AND NEW SURFACES AND ITEMS IS NOT POSSIBLE OR PRACTICAL, REMOVE EXISTING ELEMENT BACK TO NEAREST JOINT OR CORNER AND REPLACE WITH NEW TO MATCH.
6. REMOVE ALL ABANDONED ITEMS EXPOSED BY DEMOLITION.
7. GENERAL CONTRACTOR TO SALVAGE EXTRA LIGHT FIXTURES TO OWNER.
8. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGED WALL SURFACES THAT HAPPEN DURING THE DEMOLITION/CONSTRUCTION PROCESS.
9. DURING DEMOLITION, RETAIN STRUCTURAL INTEGRITY FOR INTERIOR/EXTERIOR WALLS. CONTACT ARCHITECT SHOULD QUESTIONS/PROBLEMS ARISE.
10. REFERENCE ARCHITECTURAL, MEP AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING BUILDING DEMOLITION/RENOVATIONS.
11. IF WALL(S) OR SUB-WALL SURFACE(S) IS/ARE DAMAGED DURING REMOVAL OR DEMOLITION, THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF WALL MATERIAL(S) TO ENSURE A LEVEL AND SMOOTH WALL SURFACE. MATCH ADJACENT WALL FINISH WHEN POSSIBLE.
12. CONTRACTOR RESPONSIBLE FOR CAPPING REMOVED PLUMBING LINES BELOW FINISH FLOOR AND PREPARING FLOOR SURFACE TO RECEIVE SCHEDULED FINISH.
13. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND CAPPING ELECTRICAL WIRING PRIOR TO DEMOLITION OF WALL(S).
14. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING SURFACES AND FINISHES DURING THE DEMOLITION/CONSTRUCTION PROCESS.
15. CONTRACTOR RESPONSIBLE FOR CEILING PATCHING AND CEILING PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
16. CONTRACTOR RESPONSIBLE FOR WALL PATCHING AND WALL PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
17. CONTRACTOR RESPONSIBLE FOR FLOOR PATCHING AND FLOOR PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- AREA TO BE DEMOLISHED
- NOT IN SCOPE
- SCOPE OF DEMOLITION
- (4) DEMO KEY NOTE

DEMOLITION KEY NOTES

TAG# NOTE:
1.DEMO EXISTING LOCKERS AND CONCRETE BASE. LEVEL CONCRETE FLOOR TO PREPARE FOR NEW FINISH

2.DEMO EXISTING BENCHES, REPAIR CONCRETE FLOOR AND PREP FOR NEW EPOXY FLOOR.

3.DEMO EXISTING PLUMBING FIXTURE, DEMO AND PATCH WALL AS NEEDED. REFINISH AND REPAINT NEW CMU.

4.DEMO EXISTING SINK, DEMO AND PATCH WALL AS NEEDED. REFINISH AND REPAINT NEW CMU.

5.DEMO EXISTING WALL MOUNTED SHOWER AND RELATED FIXTURES, DEMO AND PATCH WALL AS NEEDED. REFINISH AND REPAINT NEW CMU. REF TO MEP FOR ASSOCIATED DEMO.

6.DEMO EXISTING WIRE MESH PARTITION SURROUNDING LOCKERS

7.DEMO EXISTING ROBE HOOK AND CHANNEL, REFINISH AND REPAINT EXISTING WALL

8.DEMO EXISTING DRINKING FOUNTAIN, DEMO AND PATCH WALL AS NEEDED. REFINISH AND REPAINT NEW CMU.

9.DEMO EXISTING HAND DRYER, DEMO AND PATCH WALL AS NEEDED. REFINISH AND REPAINT NEW CMU.

10.DEMO EXISTING TOILET CMU PARTITION WALL

11.SAWCUT AND REMOVE EXISTING SLAB. REPLACE UNDERSLAB VAPOR BARRIER AND OVERLAP WITH EXISTING BARRIER ON ALL SIDES. TAPE BARRIER TO ENSURE CONTINUOUS BARRIER. REFERENCE SLAB REPAIR DETAIL S/A1.00-D

12.REMOVE EXISTING LIGHT FIXTURES AND SUPPORTS, REPAIR CEILING AND REPAINT, AND REPLACE WITH NEW SCHEDULED LIGHT FIXTURE AT SAME LOCATION. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE TYPE AND WIRING REQUIREMENTS.

13.REMOVE EXISTING OVERHEAD DOOR AND ANY ASSOCIATED STRUCTURE AND EQUIPMENT, PATCH SURROUNDING FINISHES AND PREPARE FOR NEW FURR DOWN REF. A10 SHEETS FOR DETAIL

14.DEMO EXISTING CONCRETE CURB, SMOOTH FLOORING AND FINISH WITH EPOXY FLOORING TO MATCH EXISTING FINISH.

15.REMOVE EXISTING PAINT IN AREA. REPAINT ALL EXPOSED ITEMS/AREAS WITH FIELD PAINT P-1

16. SAWCUT AND TRENCH EXISTING CONCRETE FLOOR TO REQUIRED EXTENTS FOR INSTALLATION OF NEW FLOOR DRAINS. PROVIDE ALL NECESSARY EXCAVATION, BEDDING, AND CONNECTIONS TO EXISTING SANITARY DRAINAGE SYSTEM. PATCH AND RESTORE CONCRETE FLOOR TO MATCH ADJACENT FINISH AND ELEVATIONS. COORDINATE WITH PLUMBING AND STRUCTURAL REQUIREMENTS.

RENOVATE GYM LOCKERS

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100% CD

AD.00-D

01 DEMO PLAN - GYM LOCKER ROOM

DULLES HIGH SCHOOL

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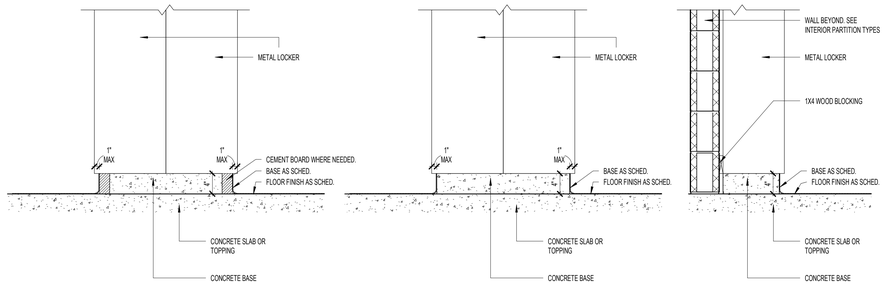
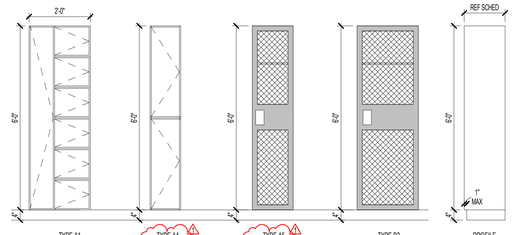


LOCKER CURB DETAIL 6

SCALE: 1" = 1'-0"

LOCKER SCHEDULE

1 PROVIDE SHOP-APPLIED, BAKED EPOXY ENAMEL FINISH
2 REFER TO MATERIAL SHCEDULE FOR COLOR



TYPE A1
9"x18"x72" & 15"x18"x72"

ROOM M107 G
EXISTING: 72
PROVIDED: 72
ADA REQUIRED: 4
ADA PROVIDED: 4

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS. REF SPECS

TYPE A4
12"x15"x72"

ROOM M110
EXISTING 33
PROVIDED 33
ADA REQUIRED: 2
ADA PROVIDED: 2

ROOM M111
EXISTING 24
PROVIDED 25
ADA REQUIRED: 2
ADA PROVIDED: 2

ROOM M112
EXISTING 24
PROVIDED 22
ADA REQUIRED: 2
ADA PROVIDED: 2

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

TYPE A5
15"x15"x72"

ROOM M108 B
EXISTING 32
PROVIDED: 32
ADA REQUIRED: 2
ADA PROVIDED: 2

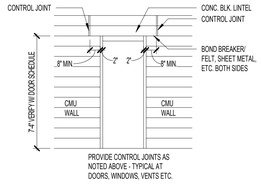
NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

TYPE B2
24"x18"x72"

ROOM M109
EXISTING 15
PROVIDED 19
ADA REQUIRED: 1
ADA PROVIDED: 1

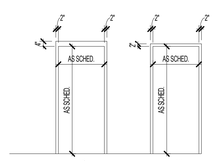
NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

DOOR SCHEDULE													
		PANEL				FRAME				DETAILS			
Level	NUMBER	WIDTH	HEIGHT	TYPE	MATERIAL	TYPE	MATERIAL	FIRE RATING	HARDWARE	HEAD	JAMB	THRESHOLD	COMMENTS
Level 01	D104	3'-0"	7'-0"	A	SCW		HM						
GYM LOCKER ROOM													
Level 01	D100	3'-0"	7'-0"	A	HM	HM2	HM		J-1PL	3/A2.00-D	2/A2.00-D		



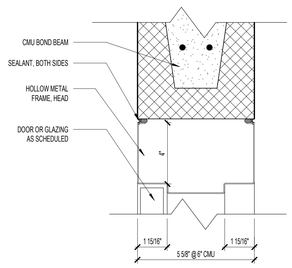
DOOR FRAME DETAIL @ MASONRY 5

SCALE: 1/4" = 1'-0"



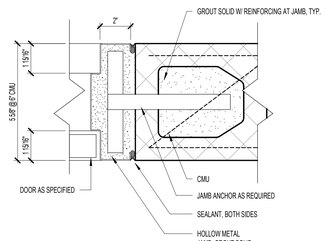
HOLLOW METAL FRAME TYPES 4

SCALE: 1/4" = 1'-0"



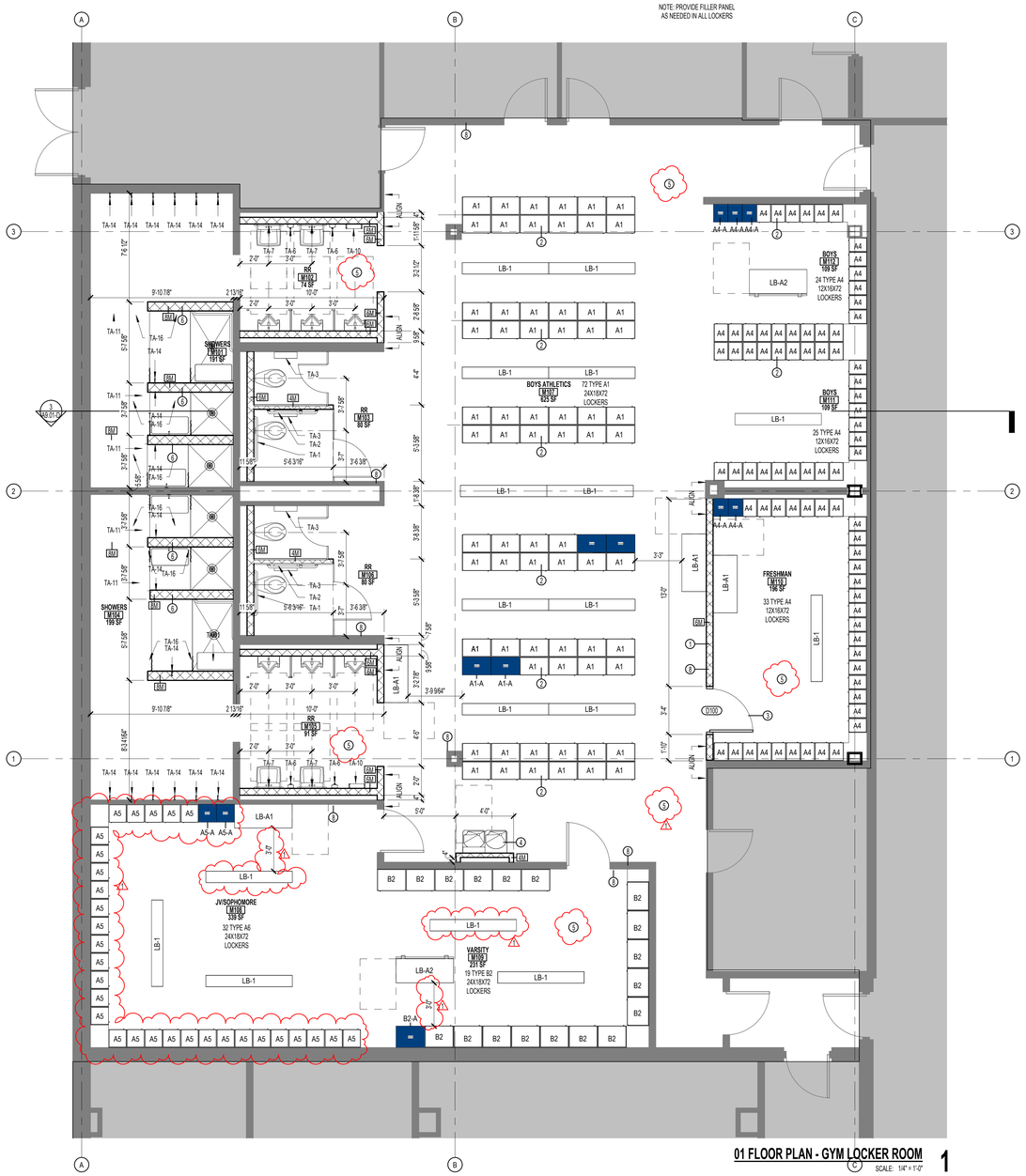
INT. HM DOOR/ WINDOW HEAD 3

SCALE: 3" = 1'-0"



INT. HM DOOR/ WINDOW JAMB 2

SCALE: 3" = 1'-0"



01 FLOOR PLAN - GYM LOCKER ROOM 1

SCALE: 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
5. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-3" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-3" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
6. REFER TO SHEETS AS SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
7. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-0" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.
8. 5% OF EACH LOCKER TYPE SHALL BE ADA COMPLIANT

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- COLUMN GRID
- EXTERIOR ELEVATION TAG
- INTERIOR ELEVATION TAG
- BUILDING SECTION TAG
- WALL SECTION TAG
- ENLARGED CALL OUT
- DOOR TAG
- PARTITION TAG
- HOLLOW METAL WINDOW TAG
- ALUMINUM WINDOW TAG
- 5' DIAMETER ADA TURN AROUND

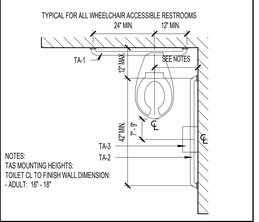
FLOOR PLAN NOTES

1. INSTALL ALL NEW CMU WALLS AT 8'-0" UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL DOCUMENTS FOR NON-LOAD BEARING WALLS BRACING AND REINFORCING STEEL. REQUEST INFORMATION FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND/OR REQUIREMENTS.
2. INSTALL NEW LOCKERS ON CONCRETE BASE. INSTALL CLOSER FILLER PANELS AT END WALLS AND CORNERS. REFER TO SPEC 105113 FOR ADDITIONAL INSTALLATION INSTRUCTIONS.
3. NEW HOLLOW METAL DOORS
4. INSTALL WALL ELECTRONIC DRINKING FOUNTAIN WITH BOTTLE FILLER PER MANUFACTURER'S INSTRUCTIONS. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPE AND CONNECT TO EXISTING UTILITIES. REFER TO ELECTRICAL DRAWINGS TO INSTALL NEW TAMPER RESISTANT RECEPTACLES. INSTALL HIGH/LO RECEPTACLES AT LOCATION AS PER MANUFACTURER'S INSTRUCTIONS.
5. INSTALL RESINOUS FLOORING AND INTEGRAL COVE BASE ACCORDING TO APPROVED MOCK-UP AND MANUFACTURER'S INSTRUCTIONS. PRIOR TO INSTALLATION SHOT-BLAST EXISTING SURFACES WITH AN APPARATUS THAT ABRADES THE CONCRETE SURFACE. REPAIR DAMAGED AND DETERIORATED CONCRETE ACCORDING TO RESINOUS FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROTECTING NEW FLOORING FROM CONSTRUCTION TRAFFIC
6. INSTALL NEW TILE SHOWERS, ACCORDING TO APPROVED MOCKUPS ON EPOXY GROUT. REFER TO 093000 TILE SPEC FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND MOCKUP REQUIREMENTS.
7. INSTALL NEW 4" SLIM PROFILE SURFACE-MOUNTED AUTOMATIC HAND DRYER ON CMU WALLS. ANCHOR DRYERS TO WALLS ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
8. PREPARE AND PAINT ALL LOCKER ROOM CMU WALLS WITH HIGH PERFORMANCE EPOXY WITH BLOCK FILLERS ACCORDING TO 099000 PAINTING AND COATING. REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL FINISH INFORMATION.

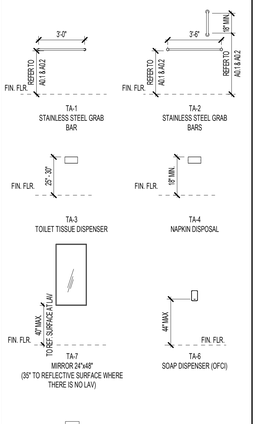
SPECIALTY EQUIPMENT

TAG	EQUIPMENT
A1	LOCKER - 24" W X 18" D X 72" H
A4	LOCKER - 12" W X 18" D X 72" H
A5	LOCKER - 24" W X 18" D X 72" H
B2	LOCKER - 15" W x15" D x72" H
LB-1	LOCKER BENCH - 72" L X 9 1/2" W
LB-2	LOCKER BENCH - 96" L X 9 1/2" W
LB-A1	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT WALL
LB-A2	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT BACK

RESTROOM WHEELCHAIR ACCESS, TYPICAL



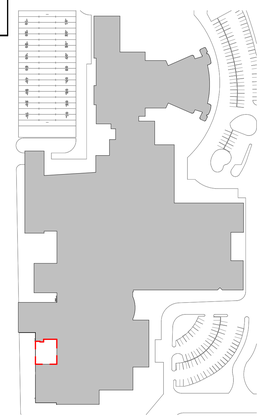
TYPICAL MOUNTING HEIGHTS, U.N.O.



NOTE: DIMENSIONS SHOWN ARE BASED ON ADULT MOUNTING HEIGHTS. REFER TO AGE BASED DIMENSIONAL INFORMATION TABLE FOR CHILDREN LOCATED ON SHEET G0.03 FOR MOUNTING HEIGHTS FOR OTHER AGE RANGES

ENLARGED PLANS: GENERAL NOTES

1. ALL DIMENSIONS AT ENLARGED PLANS ARE TO OUTSIDE FACE OF GYP. BD. / FACE OF CMU/TILT WALL.



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A2.00-D
01 FLOOR PLAN - GYM LOCKER ROOM

DULLES HIGH SCHOOL

1/14/2026 11:44:11 AM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Athl/25-006_DULLES_ARCH_FBISD ATHLETIC RENOVATIONS BP012-D_R25.rvt

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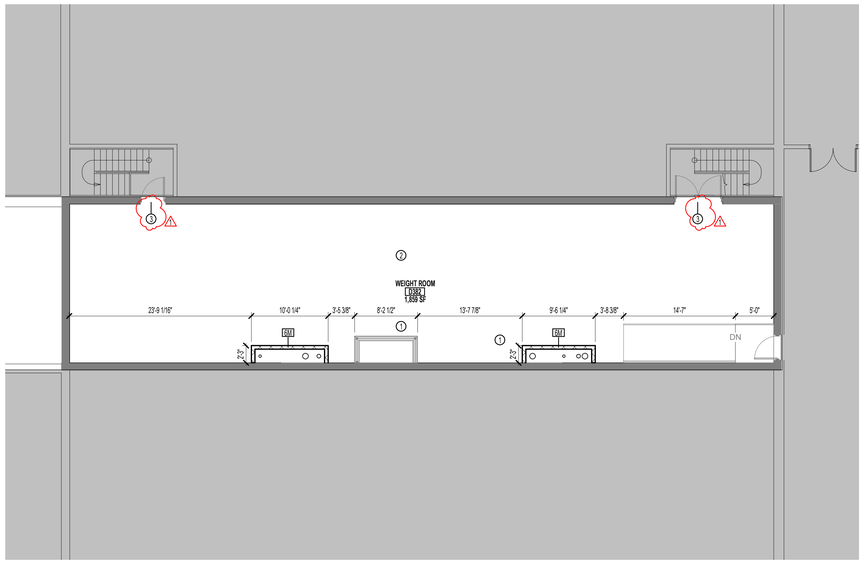


02 FLOOR PLAN - SECOND FLOOR WEIGHT ROOM 2

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

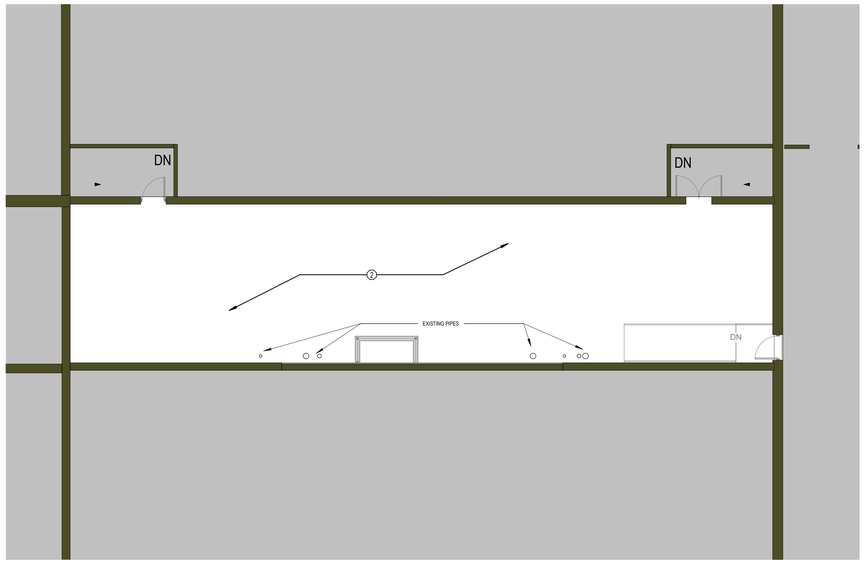
FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
5. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-3" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-3" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
6. REFER TO SHEETS A3 SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
7. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.
8. 5% OF EACH LOCKER TYPE SHALL BE ADA COMPLAINT

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- COLUMN GRID
- EXTERIOR ELEVATION TAG (Ref / 20 / A101)
- INTERIOR ELEVATION TAG (1/ A101 Ref)
- BUILDING SECTION TAG (SIM / 1 / A101)
- WALL SECTION TAG (SIM / 1 / A101)
- ENLARGED CALL OUT (21 / A101 SIM)
- DOOR TAG (101)
- PARTITION TAG (AX)
- HOLLOW METAL WINDOW TAG
- ALUMINUM WINDOW TAG (1)
- 5' DIAMETER ADA TURN AROUND

TAG #	NOTE
1	ADD CHASING TO EXPOSED PIPES- INSTALL ALL NEW CMU WALLS AT 8'-0" UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL DOCUMENTS FOR NON-LOAD BEARING WALLS BRACING AND REINFORCING STEEL. REQUEST INFORMATION FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND/OR REQUIREMENTS.
2	REMOVE EXISTING WEIGHT ROOM FLOORING AND ADHESIVE MATERIAL AND WALL BASE. SHOT BLAST CLEAN AND PREPARE FLOOR SURFACE PER MANUFACTURERS RECOMMENDATIONS TO INSTALL NEW FLOORING. REFER TO ROOM FINISH SCHEDULE AND MATERIAL SCHEDULE
3	ADD EXIT SIGN



02 DEMO PLAN - SECOND FLOOR WEIGHT ROOM 1

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

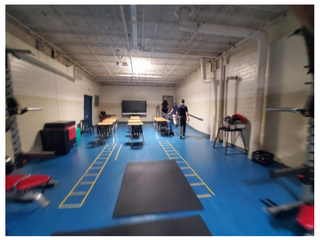
GENERAL DEMOLITION NOTES

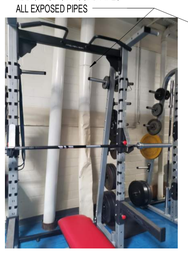
1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. REMOVE, REMOVE AND SALVAGE, AND REMOVE AND REINSTALL ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.
4. DETACH ALL WALL AND CEILING MOUNTED ITEMS THAT ARE AFFECTED BY WORK AND NOT SPECIFICALLY ADDRESSED, REINSTALL OR SALVAGE ITEMS AS DIRECTED BY OWNER, DISPOSE OF ALL OTHERS.
5. WHERE A SEAMLESS PATCH BETWEEN EXISTING AND NEW SURFACES AND ITEMS IS NOT POSSIBLE OR PRACTICAL, REMOVE EXISTING ELEMENT BACK TO NEAREST JOINT OR CORNER AND REPLACE WITH NEW TO MATCH.
6. REMOVE ALL ABANDONED ITEMS EXPOSED BY DEMOLITION.
7. GENERAL CONTRACTOR TO SALVAGE EXTRA LIGHT FIXTURES TO OWNER.
8. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGED WALL SURFACES THAT HAPPEN DURING THE DEMOLITION/CONSTRUCTION PROCESS.
9. DURING DEMOLITION, RETAIN STRUCTURAL INTEGRITY FOR INTERIOR/EXTERIOR WALLS. CONTACT ARCHITECT SHOULD QUESTIONS/PROBLEMS ARISE.
10. REFERENCE ARCHITECTURAL, MEP AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING BUILDING DEMOLITION/RENOVATIONS.
11. IF WALL(S) OR SUB-WALL SURFACE(S) IS/ARE DAMAGED DURING REMOVAL OR DEMOLITION, THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF WALL MATERIAL(S) TO ENSURE A LEVEL AND SMOOTH WALL SURFACE. MATCH ADJACENT WALL FINISH WHEN POSSIBLE.
12. CONTRACTOR RESPONSIBLE FOR CAPPING REMOVED PLUMBING LINES BELOW FINISH FLOOR AND PREPARING FLOOR SURFACE TO RECEIVE SCHEDULED FINISH.
13. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND CAPPING ELECTRICAL WIRING PRIOR TO DEMOLITION OF WALL(S).
14. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING SURFACES AND FINISHES DURING THE DEMOLITION/CONSTRUCTION PROCESS.
15. CONTRACTOR RESPONSIBLE FOR CEILING PATCHING AND CEILING PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
16. CONTRACTOR RESPONSIBLE FOR WALL PATCHING AND WALL PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
17. CONTRACTOR RESPONSIBLE FOR FLOOR PATCHING AND FLOOR PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.

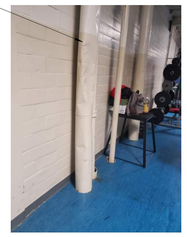
DEMOLITION LEGEND

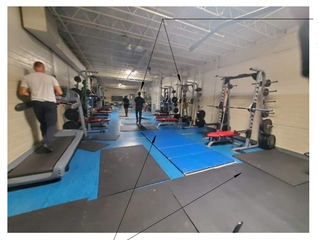
- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- AREA TO BE DEMOLISHED
- NOT IN SCOPE
- SCOPE OF DEMOLITION
- (4) DEMO KEY NOTE

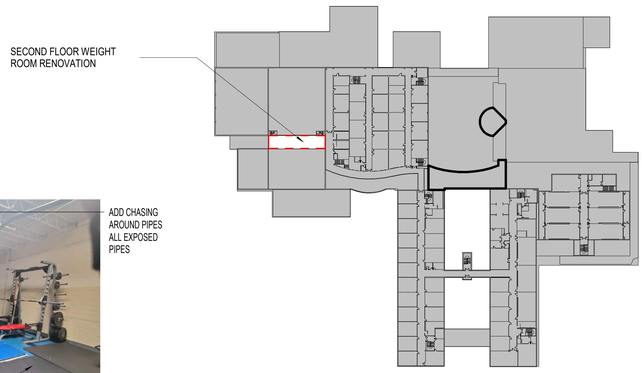
DEMOLITION KEY NOTES











BUILDING KEY PLAN- SECOND FLOOR
N.T.S

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

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DULLES HIGH SCHOOL

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Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAMS 30113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO.	25-006
DATE:	12/04/2025
DRAWN BY: DRW	CHECKED BY: CHK

REVISIONS:

NO.	Date	Description
1	01/14/2026	ADDENDUM #01

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A2.01-D

02 FLOOR PLAN - SECOND FLOOR WEIGHT ROOM

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ROOM FINISH SCHEDULE - LOCKERS ROOM

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	COMMENTS
M101	SHOWERS	T-3	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF FINISH PLAN
M102	RR	T-3	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF FINISH PLAN
M103	RR	T-3	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF FINISH PLAN
M104	SHOWERS	T-3	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF FINISH PLAN
M105	RR	T-3	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF FINISH PLAN
M106	RR	T-3	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF FINISH PLAN
M107	BOYS ATHLETICS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
M108	JV/SOPHOMORE	RF-1	RFB-1	P-1	P-1	P-1	P-1	
M109	VARSITY	RF-1	RFB-1	P-1	P-1	P-1	P-1	
M110	FRESHMAN	RF-1	RFB-1	P-1	P-1	P-1	P-1	
M111	BOYS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
M112	BOYS	RF-1	RFB-1	P-1	P-1	P-1	P-1	

ROOM FINISH SCHEDULE - WEIGHT ROOM

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	COMMENTS
D382	WEIGHT ROOM	RES-1	RB-1	P-4	P-4	P-4	P-3	

MATERIAL SCHEDULE

MARK	MATERIAL	MANUFACTURER	STYLE	COLOR	SPECS	REMARKS
01 FLOOR FINISH						
RES-1	RESILIENT FLOORING	MONDO	SPORT IMPACT	S073 DARK BLUE	3/8" (10MM) THICK, SMOOTH TEXTURE	WEIGHT ROOM, SECOND FLOOR
RF-1	RESINOUS FLOORING	STONHARD	STONSHIELD STL	CUSTOM (GRAY BASE & ACCENT SCHOOL COLOR)		LOCKERS FLOORING
T-3	FLOOR TILE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY	2"X2" MOSAIC	SHOWERS AND RESTROOMS
WF-1	WALK-OFF CARPET	TARKETT	ABRASIVE ACTION	WINTER GRAY	POWERBOND, ROLL	AT DRINKING FOUNTAINS
02 BASE						
RB-1	RUBBER BASE	JOHNSONITE	COLORMATCH	40 BLACK	COVE BASE 4"	WEIGHT ROOM, SECOND FLOOR
RFB-1	RESINOUS FLOORING BASE	STONHARD	STONSHIELD STL	CUSTOM (GRAY BASE & ACCENT SCHOOL COLOR)	COVE BASE 4"	AT WALLS AND LOCKERS BASE
TB-1	TILE BASE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY	COVE BASE	SHOWERS AND RESTROOMS
03 WALL FINISH						
CMU	CONCRETE MASONRY UNIT		SMOOTH FACE	TO BE PAINTED P-1 U.N.O.		NEW WALLS, REF A2 SHEETS
P-1	PAINT	SHERWIN WILLIAMS		DRIFT OF MIST, SW 9166		FIELD PAINT
P-1E	EPOXY PAINT	SHERWIN WILLIAMS		TO MATCH P-1 U.N.O.	REF SPECS FOR PAINT FINISH	AT WET AREAS
P-2	PAINT	SHERWIN WILLIAMS		SW 6811 HONORABLE BLUE		ACCENT, SCHOOL COLOR BLUE
P-3	PAINT	SHERWIN WILLIAMS		SW 7588 SHOW STOPPER		ACCENT, SCHOOL COLOR RED
P-4	PAINT	SHERWIN WILLIAMS		SW 7015 REPOSE GRAY		GRAY ACCENT, WEIGHT ROOM
P-5	PAINT	SHERWIN WILLIAMS		SW 7066 GRAY MATTERS		NEW DOORS
T-1	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	CALM; FIELD	8"X24" GLOSSY	AT RESTROOMS AND SHOWERS
T-2	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	SAPPHIRE SKY	8"X24" GLOSSY	AT RESTROOMS AND SHOWERS
04 TRANSITION						
TR-1	ALUMINUM TRANSITION	SCHLUTER		ANODIZED	ADA COMPLIANT	RESINOUS FLOOR TO EXISTING FLOOR
TR-2	ALUMINUM TRANSITION	SCHLUTER	JOLLY	ANODIZED	ADA COMPLIANT	AT TILE EDGES, PROVIDE END CAP AS APPLICABLE
TR-3	ALUMINUM TRANSITION	SCHLUTER	RENO-U	ANODIZED	ADA COMPLIANT	CARPET TO RESINOUS FLOOR
05 MISC FINISHES						
CURT-1	SHOWER CURTAIN	KR SPECIALITIES				AT SHOWERS
TP-1	TOILET PARTITION	ASI GLOBAL PARTITIONS	BLACK CORE PHENOLIC	GRAPHITE 2150	SOLID PHENOLIC	AT RESTROOMS
06 EQUIPMENT						
	BENCHES	LIST INDUSTRIES		GRAY TOPS & STEEL PEDESTALS	REF SPECS	GYM LOCKER ROOMS
	LOCKERS	LIST INDUSTRIES		721 RELAY RED		GYM LOCKER ROOMS, REF LOCKERS SCHEDULE

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REGISTERED ARCHITECT
MICHAEL ADAME
30113
STATE OF TEXAS

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MATERIAL & ROOM FINISH SCHEDULE

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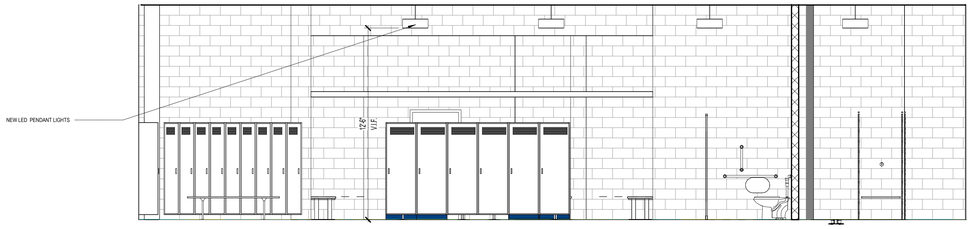


GYM LOCKER ELEVATION 3
SCALE: 1/4" = 1'-0"

MATERIAL FINISH LEGEND

RF-1 RESINOUS FLOOR	T-3 PORCELAIN TILE
RES-1 RESILIENT FLOORING	WF -1 WALK-OFF

PROVIDE CONTROL JOINTS (C.J.) AS SHOWN & AT COLOR CHANGES. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS

SYMBOLS

MW	MARKER WALL - DRY ERASE WALL-COVERING
CJ	CONTROL JOINT*
EJ	EXPANSION JOINT
CG	CORNER GUARD

T-X, P-X — WALL FINISH. REF TO MATERIAL SCHEDULE FOR FINISH TYPE MARKS

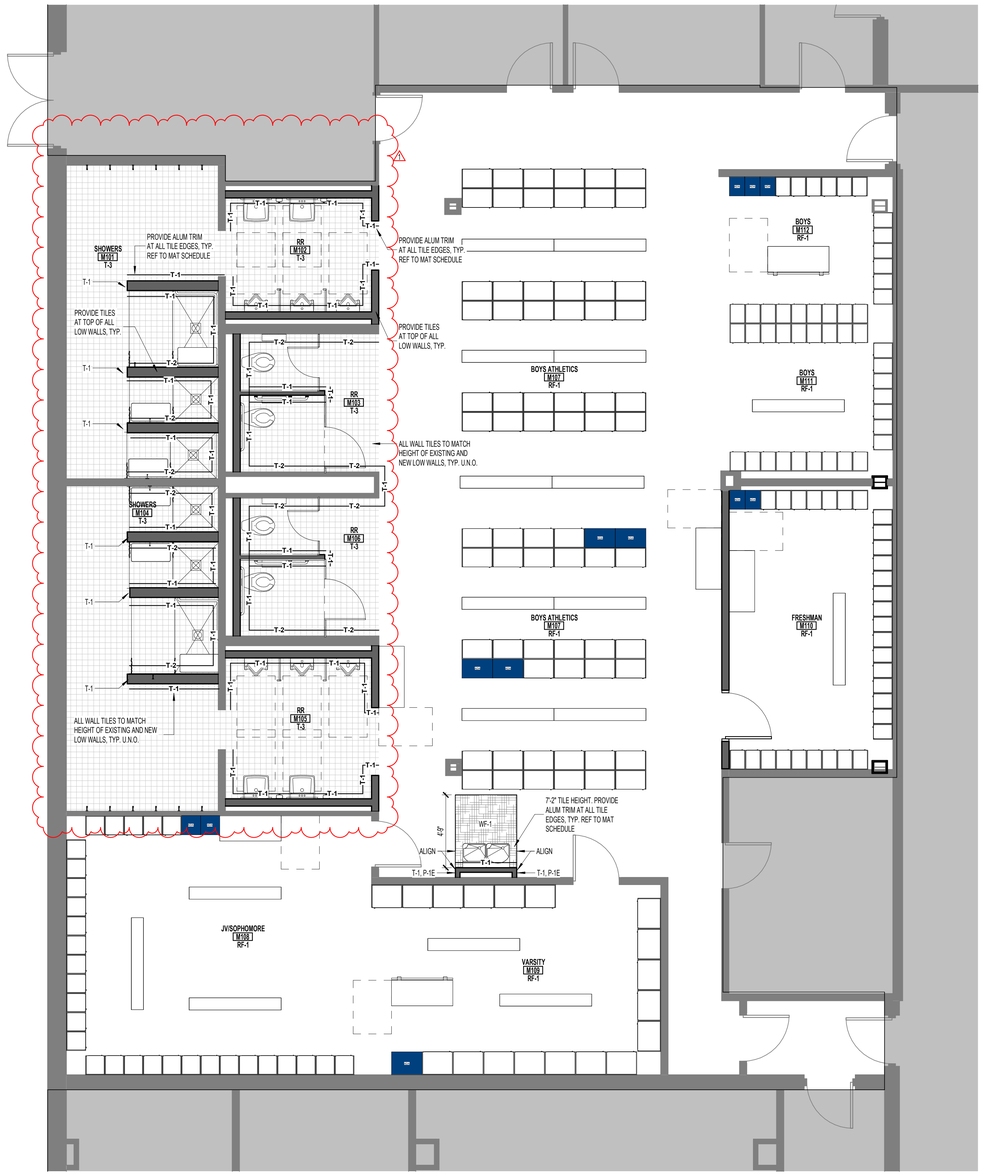
ROOM 100 PCON | SAP-1 — CEILING FINISH / FLOOR FINISH

* PROVIDE CONTROL JOINTS AS SHOWN. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS. REFER TO STRUCTURAL DWGS FOR DIMENSIONS. AT COLOR TRANSITIONS, PROVIDE SCORE LINE U.N.O.

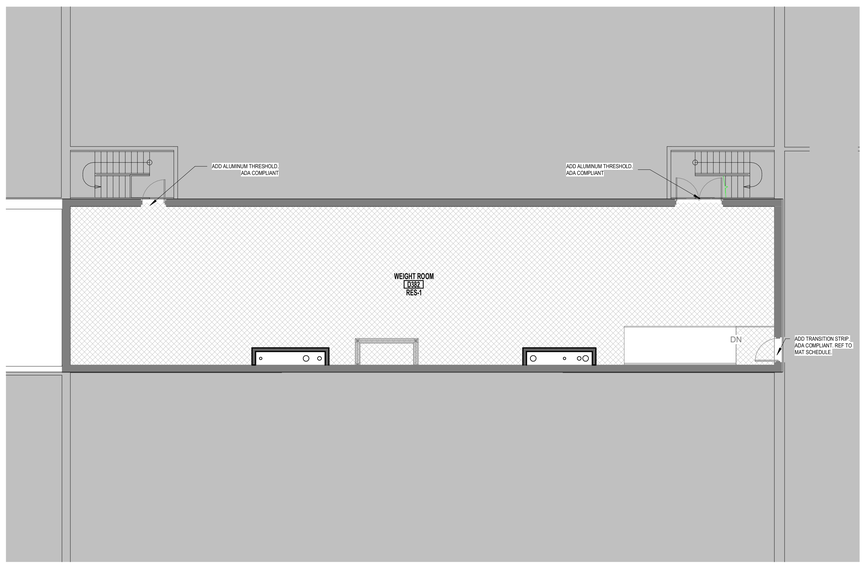
** REFER TO ROOM FINISH SCHEDULE FOR FULL LIST OF FINISH WITHIN ROOM

FLOOR TRANSITIONS

REF TO MATERIAL SCHEDULE FOR ALUMINUM TRANSITION TYPES. REF TO SPECS FOR MARBLE THRESHOLDS.



01 FINISH PLAN - GYM LOCKER ROOM 1
SCALE: 1/4" = 1'-0"



02 FINISH PLAN - SECOND FLOOR WEIGHTROOM 2
SCALE: 1/8" = 1'-0"

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FINISH PLANS AND INTERIOR ELEVATIONS

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GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND ILLUMINATED EXIT SIGNS.
2. REFER TO A0.01 FOR COMPOSITION OF RATED PARTITIONS.
3. REFER TO A8.00 FOR DOOR SCHEDULE IDENTIFYING FIRE RATING RATINGS
4. IF AN OPENING OCCURS IN A RATED WALL, REFER TO THE SPECIFICATIONS FOR REQUIREMENTS.
5. FIRE SPRINKLER SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE SPRINKLER SYSTEM.
6. FIRE ALARM SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE ALARM SYSTEM. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARD 14 AND THE COUNTY FIRE MARSHALL.
7. ALL EXITS SHALL COMPLY WITH ACCESSIBLE STANDARDS AND DISCHARGE TO A PAVED PUBLIC WAY, OR A PAVED SIDEWALK WHICH LEADS TO A PUBLIC WAY.
8. BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE COUNTY FIRE CODE AND REFERENCED DOCUMENTS.

APPLICABLE CODES- (CITY OF MISSOURI CITY)

2021 IBC INTERNATIONAL BUILDING CODE
2021 IMC INTERNATIONAL MECHANICAL CODE
2021 IPC INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2021 INTERNATIONAL EXISTING BUILDING CODE
2023 NATIONAL ELECTRICAL CODE
TAS TEXAS ACCESSIBILITY STANDARDS (ADOPTED MARCH 2012)

2021 IBC COMPLIANCE DATA

CHAPTER 2 - DEFINITIONS
GRADE PLANE: A REFERENCE PLANE REPRESENTING THE AVERAGE OF FINISHED GROUND LEVEL ADJOINING THE BUILDING AT EXTERIOR WALLS. WHERE THE FINISHED GROUND LEVEL SLOPES AWAY FROM THE EXTERIOR WALLS, THE REFERENCE PLANE SHALL BE ESTABLISHED BY THE LOWEST POINTS WITHIN THE AREA BETWEEN THE BUILDING AND THE LOT LINE OR, WHERE THE LOT LINE IS MORE THAN 6 FEET (1829 MM) FROM THE BUILDING, BETWEEN THE BUILDING AND A POINT 6 FEET (1829 MM) FROM THE BUILDING.
GRADE PLANE = -7" BELOW PROJECT "0' 0" ELEVATION"

STORY ABOVE GRADE PLANE: ANY STORY HAVING ITS FINISHED FLOOR SURFACE ENTIRELY ABOVE GRADE PLANE, OR IN WHICH THE FINISHED SURFACE OF THE FLOOR NEXT ABOVE IS: 1. MORE THAN 6 FEET (1829 MM) ABOVE GRADE PLANE; OR 2. MORE THAN 12 FEET (3658 MM) ABOVE THE FINISHED GROUND LEVEL AT ANY POINT.

CHAPTER 3 – USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 – EDUCATIONAL GROUP E

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS - NEW CONCESSION BUILDING
TABLE 504.3 & 504.4 & 506.2
GROUP E, TYPE II B, NOT SPRINKLED:

TOTAL SF BUILDING: 588 SQUARE FEET

SECTION 508 - INCIDENTAL USES
508.4 - NO SEPARATION BETWEEN GROUP E OCCUPANCIES

TABLE 509 - MIXED USE AND OCCUPANCY
ELECTRICAL INSTALLATIONS AND TRANSFORMERS (SEE SECTIONS 110.26 THROUGH 110.34 AND SECTIONS 450.8 THROUGH 450.48 OF NFPA 70 FOR PROTECTION AND SEPARATION REQUIREMENTS.

CHAPTER 6 - TYPES OF CONSTRUCTION

SECTION 601 - GENERAL
601 - FOR CONSTRUCTION TYPE II B: 0 HOUR FIRE-RESISTANCE RATING REQUIREMENT FOR BUILDING ELEMENTS
NOTE: ELEMENTS INCLUDE PRIMARY STRUCTURAL FRAME, EXTERIOR AND INTERIOR WALLS, FLOOR AND ROOF CONSTRUCTION

SECTION 602 - CONSTRUCTION CLASSIFICATION
602 - FOR CONSTRUCTION TYPE II B: 0 HOUR FIRE RESISTANCE RATING FOR EXTERIOR WALLS IF < 10 FT. FROM OTHER STRUCTURES, ELSE 0

CHAPTER 6 – TYPES OF CONSTRUCTION
CONSTRUCTION TYPE II B - PER TABLES 601 & 602
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS: NO RATING REQUIRED FOR ANY BUILDING ELEMENT LISTED: PRIMARY STRUCTURE, BEARING & NONBEARING WALLS/ PARTITIONS (INTERIOR & EXTERIOR), FLOOR CONSTRUCTION AND SECONDARY MEMBERS, ROOF CONSTRUCTION AND SECONDARY MEMBERS

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

SECTION 705 - EXTERIOR WALLS
705.2 - PROJECTION SEPARATION DISTANCE FROM FSD LINE FOR FSD OF 30 FT: 20 FT. MINIMUM / **30 FT. ACTUAL**
705.2.1 - PROJECTIONS FROM TYPE II CONSTRUCTION SHALL BE OF NON-COMBUSTIBLE MATERIALS
705.8.1 - EXCEPTION 1: BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS, AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

SECTION 706 - FIRE WALL - N/A

SECTION 707 - FIRE BARRIERS - N/A

SECTION 713 - SHAFT ENCLOSURES (ELEVATOR SHAFT) - N/A

TABLE 716.5 - OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: 1 HOUR IF <30 FT FROM OTHER STRUCTURES; NO RATING REQUIRED IF >30 FT FROM OTHER STRUCTURES; BUILDING IS HUNDREDS OF FEET FROM ANOTHER STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
903.2.3 - FOR GROUP E: REQUIRED FOR FIRE AREAS GREATER THAN 12,000 SQ. FT., BUILDING IS NOT SPRINKLERED, BUILDING AREA IS LESS THAN 12,000 SQ. FT.

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 75 FT. MAX. DISTANCE TO TRAVEL TO EXTINGUISHER
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 11,250 SQ. FT. MAX FLOOR AREA FOR EXTINGUISHER

CHAPTER 10 - MEANS OF EGRESS

SECTION 1004 OCCUPANT LOAD
TABLE 1004.5 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

STORAGE, MECHANICAL	300 SQ. FT., GROSS
EDUCATION, CLASSROOM	20 SQ. FT. GROSS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3.2 - FOR OTHER EGRESS COMPONENTS: 0.15 IN. PER OCCUPANT

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2.1 - FOR SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY, SEE CODE PLAN
1006.3.2 - FOR OCCUPANT LOAD PER STORY:
CONCESSION BUILDING / LEVEL 1: 3 EXITS REQUIRED, 7 EXITS PROVIDED

SECTION 1007 - EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
107.1.1 - FOR DISTANCE BETWEEN EXITS, SEE CODE PLAN

SECTION 1010 - DOORS, GATES, AND TURNSTILES
1010.1.1 - MINIMUM EGRESS DOOR WITH OF 32"
1010.1.2.1 - EGRESS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL
1010.1.8 - DOORS IN SERIES MUST BE SEPARATED A MINIMUM OF 48 IN. PLUS THE SWING OF THE DOOR

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 - FOR GROUP E W/O SPRINKLER SYSTEM: EXIT TRAVEL DISTANCE IS 200 FT.

CHAPTER 17: SPECIAL INSPECTIONS AND TESTS

STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS REQUIRING SPECIAL INSPECTIONS PER SECTION 705 OF THE IBC HAVE NOT BEEN LISTED HERE. REFER TO STRUCTURAL/MECHANICAL/ELECTRICAL FOR SPECIAL INSPECTION REQUIREMENTS FOR THESE COMPONENTS.
ITEMS OF ARCHITECTURAL CONSTRUCTION WHICH REQUIRE SPECIAL INSPECTION INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

1705.14 SPRAYED FIRE-RESISTANT MATERIALS
1705.15 MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS
1705.16.1 WATER-RESISTIVE BARRIER COATING
1705.17 FIRE-RESISTANT PENETRATIONS AND JOINTS
1705.18 TESTING FOR SMOKE CONTROL

2021 IECC COMPLIANCE DATA

CHAPTER 3 - GENERAL REQUIREMENTS

SECTION C301.1 - GENERAL
C301.1 - CLIMATE ZONE 2A

CHAPTER 4 - COMMERCIAL ENERGY EFFICIENCY

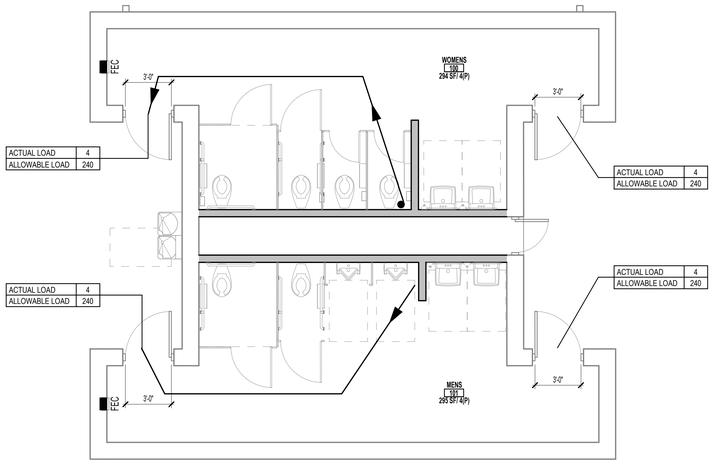
REFER TO COMCHECK FOR COMPLIANCE

C402.3 - EITHER THREE-YEAR AGED SOLAR REFLECTANCE OF 0.55 AND 3-YEAR AGED
THERMAL EMITTANCE OF 0.75 OR THREE-YEAR AGED SOLAR REFLECTANCE INDEX OF 64.
C402.4 - FOR CLIMATE ZONE 2 AND FIXED FENESTRATION: U-FACTOR OF 0.5
C402.4 - SOLAR HEAT GAIN COEFFICIENT REQUIREMENTS

PROJECTION FACTOR	SEW	N
PF <0.2	0.25	0.33
0.2 <= PF < 0.5	0.30	0.37
PF >= 0.5	0.40	0.40

SHGC OF SPECIFIED GLAZING = 0.25
U-VALUE OF SPECIFIED GLAZING = 0.33

C402.4.1 VERTICAL FENESTRATION SHALL NOT BE GREATER THAN 30 PERCENT OF GROSS
ABOVE-GRADE WALL AREA.



ALTERNATE NO.4 - FIELD HOUSE RESTROOM CODE PLAN 1
SCALE: 1/4" = 1'-0"

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

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ELKINS HIGH SCHOOL

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REGISTERED ARCHITECT
MICHAEL ADAME
20113
STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

Date	Description
01/14/2026	ADDENDUM #01

100% CD

G0.03-E
01 CODE PLAN - FIELD HOUSE RESTROOMS

ELKINS HIGH SCHOOL

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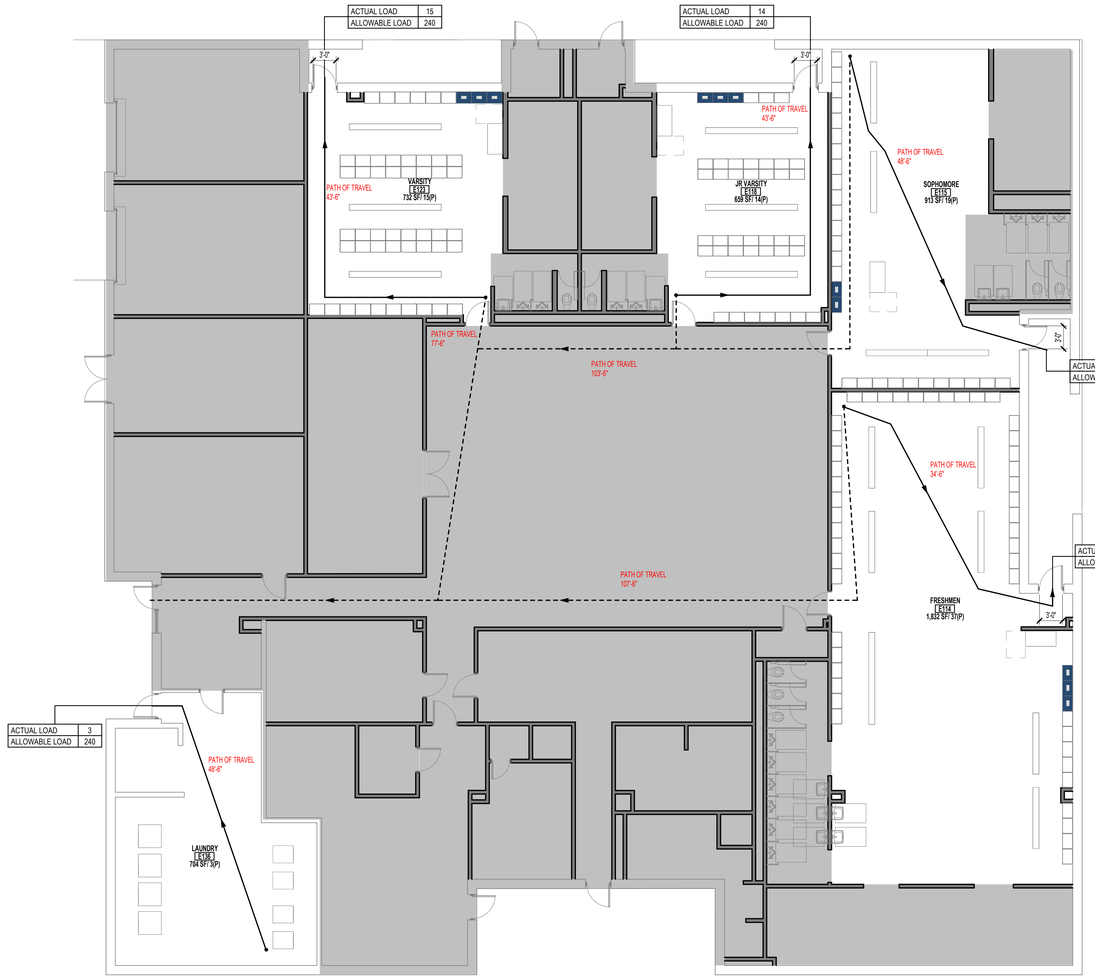
OCCUPANCY CALC - WORKING					
Number	Name	Occupancy Type (Key Schedule)	Area	IBC S.F. Per Person	Calculated Persons
E114	FRESHMEN	Locker Rooms	1,832 SF	50	37
E115	SOPHOMORE	Locker Rooms	913 SF	50	19
E118	JR VARSITY	Locker Rooms	659 SF	50	14
E123	VARSITY	Locker Rooms	732 SF	50	15
E136	LAUNDRY	Accessory storage areas, mechanical equipment room	704 SF	300	3

Grand total: 5



ALTERNATE NO. 5 - FIELD HOUSE CODE PLAN Copy 1 **2**
SCALE: 1/8" = 1'-0"

LEGEND

- 1 HOUR FIRE-RESISTANCE RATING
- 2 HOUR FIRE-RESISTANCE RATING
- RATED DOOR/ WINDOW REF. DOOR SCHEDULE FOR MORE INFO.
- NON RATED ELEMENT
- RATED EXIT ENCLOSURE
- LONGEST EXIT ROUTE PER LEVEL
- EXIT ROUTE
- EXIT POINT WITH WIDTH INDICATED IN INCHES (R) P 36" R 36"
  OCCUPANT LOAD SHOWN VERTICAL
  P=PROVIDED EXIT WIDTH OF EGRESS COMPONENT
  R=REQUIRED EXIT WIDTH OF EGRESS COMPONENT
- FEC — FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER
- FE — FIRE EXTINGUISHER - SURFACE MOUNTED

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND ILLUMINATED EXIT SIGNS.
2. REFER TO A0.01 FOR COMPOSITION OF RATED PARTITIONS.
3. REFER TO A8.00-E FOR DOOR SCHEDULE IDENTIFING FIRE RATING RATINGS
4. IF AN OPENING OCCURS IN A RATED WALL, REFER TO THE SPECIFICATIONS FOR REQUIREMENTS.
5. FIRE SPRINKLER SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL. ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE SPRINKLER SYSTEM
6. FIRE ALARM SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL. ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE ALARM SYSTEM. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARD 14 AND THE COUNTY FIRE MARSHALL.
7. ALL EXITS SHALL COMPLY WITH ACCESSIBLE STANDARDS AND DISCHARGE TO A PAVED PUBLIC WAY, OR A PAVED SIDEWALK WHICH LEADS TO A PUBLIC WAY.
8. BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE COUNTY FIRE CODE AND REFERENCED DOCUMENTS.

APPLICABLE CODES - MISSOURI CITY

2021 IBC INTERNATIONAL BUILDING CODE
2021 IMC INTERNATIONAL MECHANICAL CODE
2021 IPC INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2021 INTERNATIONAL EXISTING BUILDING CODE
2023 NATIONAL ELECTRICAL CODE
TAS TEXAS ACCESSIBILITY STANDARDS (ADOPTED MARCH 2012)

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 – EDUCATIONAL GROUP E

2021 IBC COMPLIANCE DATA

CHAPTER 3 – USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 – EDUCATIONAL GROUP E

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS
TABLE 504.3 & 504.4 & 506.2
GROUP E, TYPE I FIRE RESISTIVE CONSTRUCTION , UNSPRINKLED (EXCEPT STAGE) :
BUILDING HEIGHT: 75' ALLOWED; **40' ACTUAL (ABOVE GRADE PLANE)**
BUILDING STORIES: 3 STORIES ALLOWED; **1 STORIES ACTUAL**

BUILDING AREA ACTUAL : 15,218 SQUARE FEET
BUILDING AREA RENOVATION: 4,136 SQUARE FEET

SECTION 508 - MIXED USE AND OCCUPANCY
508.4 - NO SEPARATION BETWEEN GROUP E OCCUPANCIES

CHAPTER 6 - TYPES OF CONSTRUCTION

SECTION 601 - GENERAL
601 – FOR CONSTRUCTION TYPE I-B: FIRE-RESISTANCE RATING REQUIREMENTS APPLY TO PRIMARY STRUCTURAL FRAME, INTERIOR AND EXTERIOR BEARING WALLS, FLOOR CONSTRUCTION, AND ROOF CONSTRUCTION AS LISTED IN TABLE 601.

SECTION 602 - CONSTRUCTION CLASSIFICATION
- EXTERIOR BEARING WALLS – 2 HOUR RATING
- INTERIOR BEARING WALLS – 2 HOUR RATING
- EXTERIOR NON-BEARING WALLS – 0 HOUR RATING (BASED ON FIRE SEPARATION DISTANCE PER SECTION 602)
- INTERIOR NON-BEARING WALLS & PARTITIONS – 0 HOUR RATING
- STRUCTURAL FRAME – 2 HOUR RATING
- FLOOR CONSTRUCTION – 2 HOUR RATING
- ROOF CONSTRUCTION – 1 HOUR RATING

EXIT ACCESS TRAVEL DISTANCE: 200 FT (TABLE 1017.2), PROVIDED <131 FT

CHAPTER 6 – TYPES OF CONSTRUCTION
CONSTRUCTION TYPE 2B - PER TABLES 601 & 602.
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS: NO RATING REQUIRED FOR ANY BUILDING ELEMENT LISTED: PRIMARY STRUCTURE, BEARING & NONBEARING WALLS/ PARTITIONS (INTERIOR & EXTERIOR), FLOOR CONSTRUCTION AND SECONDARY MEMBERS, ROOF CONSTRUCTION AND SECONDARY MEMBERS

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

SECTION 705 - EXTERIOR WALLS
705.2 - PROJECTION SEPARATION DISTANCE FROM FSD LINE FOR FSD OF 30 FT: 20 FT. MINIMUM / **30 FT. ACTUAL**
705.2.1 - PROJECTIONS FROM TYPE II CONSTRUCTION SHALL BE OF NON-COMBUSTABLE MATERIALS
705.8.1 - EXCEPTION 1: BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS, AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

SECTION 706 - FIRE WALL
TABLE 706.4 - FIRE WALL FIRE-RESISTANCE RATINGS: 2 HOUR IN IIB CONSTRUCTION, GROUP E

SECTION 707 - FIRE BARRIERS
707.3.1 - SHAFT ENCLOSURES (INCLUDING ELEVATOR HOISTWAY): 1 HOUR FIRE BARRIER
707.3.3 - ENCLOSURES FOR EXIT ACCESS STAIRWAY ENCLOSURES: 1 HOUR BARRIER
PER SECTION 1019 EXIT ACCESS STAIRWAYS ARE NOT REQUIRED TO BE ENCLOSED FOR THIS BUILDING TYPE

SECTION 713 - SHAFT ENCLOSURES (ELEVATOR SHAFT)
ALL SHAFT ENCLOSURES SHALL BE CONSTRUCTED AS FIRE BARRIERS AND SHALL BE 1 HOUR FIRE RATED. SUPPORTING CONSTRUCTION SHALL BE RATED TO THE SAME DEGREE AS THE WALLS.

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 75 FT. MAX. DISTANCE TO TRAVEL TO EXTINGUISHER
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 11,250 SQ. FT. MAX FLOOR AREA FOR EXTINGUISHER

CHAPTER 10 - MEANS OF EGRESS

SECTION 1004 OCCUPANT LOAD
1004.1.2 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

STORAGE, MECHANICAL	300 SQ. FT., GROSS
ASSEMBLY WITH FIXED SEATS	18" PER OCCUPANT IN BLEACHERS
ASSEMBLY WITHOUT FIXED SEATS (TABLES AND CHAIRS)	15 SQ. FT. NET
BUSINESS	100 SQ. FT. GROSS
EDUCATION, CLASSROOM	20 SQ. FT. GROSS
EDUCATION, VOCATIONAL	50 SQ. FT. NET
LIBRARY (READING ROOMS)	50 SQ. FT. NET
(STACK AREAS)	100 SQ. FT. GROSS
STAGES & PLATFORMS	500 SQ. FT. GROSS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3.1 - FOR STAIRWAYS: 0.2 IN. PER OCCUPIANT
OCCUPANTS:2,436
1005.3.2 - FOR OTHER EGRESS COMPONENTS: 0.15 IN. PER OCCUPIANT

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2.1 - FOR SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY, SEE CODE PLAN
1006.3.1 - FOR OCCUPANT LOAD PER STORY:
BUILDING A / LEVEL 1: 3 EXITS REQUIRED, 3 EXITS PROVIDED

SECTION 1007 - EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
107.1.1 - FOR DISTANCE BETWEEN EXITS, SEE CODE PLAN

SECTION 1009 - ACCESSIBLE MEANS OF EGRESS
1009.3 - FOR SPRINKLERED BUILDINGS, 48 IN. CLEAR HANDRAIL WIDTH IN EXIT STAIRS NOT REQUIRED
1009.3 - FOR SPRINKLERED BUILDINGS, AREAS OF REFUGE IN EXIT STAIRS NOT REQUIRED

SECTION 1010 - DOORS, GATES, AND TURNSTILES
1010.1.1 - MINIMUM EGRESS DOOR WITH OF 32"
1010.1.2.1 - EGRESS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL
1010.1.8 - DOORS IN SERIES MUST BE SEPARATED A MINIMUM OF 48 IN. PLUS THE SWING OF THE DOOR

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 - FOR GROUP E W/ SPRINKLER SYSTEM: EXIT TRAVEL DISTANCE IS 250 FT.

SECTION 1020 - CORRIDORS
1020.1 - FOR GROUP E W/ SPRINKLER SYSTEM: NO REQUIRED FIRE-RESISTANCE RATING
1020.2 - FOR GROUP E W/ OCCUPANT LOAD OF 100 OR MORE: MINIMUM WIDTH OF 72 IN.
1020.2 - FOR AN OCCUPANT LOAD LESS THAN 50: MINIMUM WIDTH OF 36 IN.
1020.2 - FOR ACCESS TO AND UTILIZATION OF MECHANICAL, PLUMBING, OR ELECTRICAL SYSTEMS OR EQUIPMENT: MINIMUM WIDTH OF 24 IN.
1020.2 - FOR ALL OTHER CONDITIONS: MINIMUM WIDTH OF 44 IN.
1020.4 - FOR GROUP E W/ SPRINKLER SYSTEM: DEAD ENDS MAY BE 50 FT. IN LENGTH

CODE REVIEW: IBC 2015 - EXISTING BUILDING

CHAPTER 6 - REPAIRS

NEW AND REPLACEMENT MATERIALS (SEC 602.2)
EXCEPT AS OTHERWISE REQUIRED OR PERMITTED BY THIS CODE, MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED. LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED NO DANGEROUS OR UNSAFE CONDITION, AS DEFINED IN CHAPTER 2, IS CREATED. HAZARDOUS MATERIALS, SUCH AS ASBESTOS AND LEAD-BASED PAINT, SHALL NOT BE USED WHERE THE CODE FOR NEW CONSTRUCTION WOULD NOT PERMIT THEIR USE IN BUILDINGS OF SIMILAR OCCUPANCY, PURPOSE AND LOCATION.

GENERAL ACCESSIBILITY (SEC 605.1)
REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF ACCESSIBILITY PROVIDED.

CHAPTER 7 - ALTERATIONS - LEVEL 1

CONFORMANCE (SEC 701.2)
AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION.
EXCEPTION: WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

INTERIOR FINISHES (SEC 702.2)
NEW INTERIOR FLOOR FINISH, INCLUDING NEW CARPETING USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 OF THE INTERNATIONAL BUILDING CODE.

CHAPTER 8 - ALTERATIONS - LEVEL 2

COMPLIANCE (SEC 801.3)
ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

EXCEPTIONS:
WINDOWS MAY BE ADDED WITHOUT REQUIRING COMPLIANCE WITH THE LIGHT AND VENTILATION REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.
NEWLY INSTALLED ELECTRICAL EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 808.
THE LENGTH OF DEAD-END CORRIDORS IN NEWLY CONSTRUCTED SPACES SHALL ONLY BE REQUIRED TO COMPLY WITH THE PROVISIONS OF SECTION 805.6.
THE MINIMUM CEILING HEIGHT OF THE NEWLY CREATED HABITABLE AND OCCUPIABLE SPACES AND CORRIDORS SHALL BE 7 FEET (2134 MM).

FIRE ALARM AND DETECTION (SEC 804.4)
AN APPROVED FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SECTIONS 804.4.1 THROUGH 804.4.3..

GROUP E OCCUPANCY (SEC 804.4.1.1)
A FIRE ALARM SYSTEM SHALL BE INSTALLED IN WORK AREAS OF GROUP E OCCUPANCIES AS REQUIRED BY THE INTERNATIONAL FIRE CODE FOR EXISTING GROUP E OCCUPANCIES.

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

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REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

Δ	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

G0.04-E
01 CODE PLAN - FIELD HOUSE LOCKER ROOMS

ELKINS HIGH SCHOOL

1/14/2026 2:07:38 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Ath/25-006_ELKINS_ARCH_FBISD ATHLETIC RENOVATIONS BP012-E_R25.rvt

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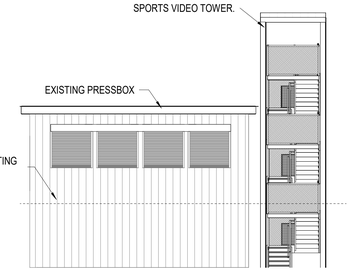
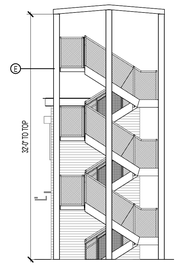
E REPLACE EXISTING FILM DECK WITH NEW VIEWING TOWER

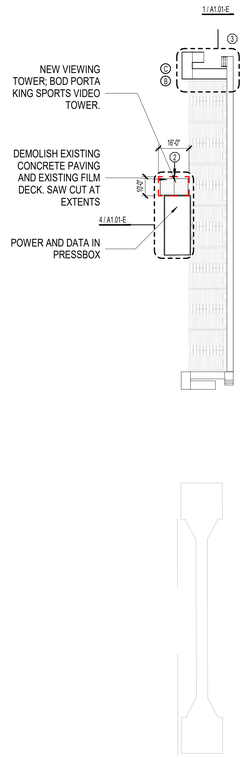
DEMO EXISTING FILM DECK AND SAW CUT EXISTING CONCRETE AT BOUNDARIES.

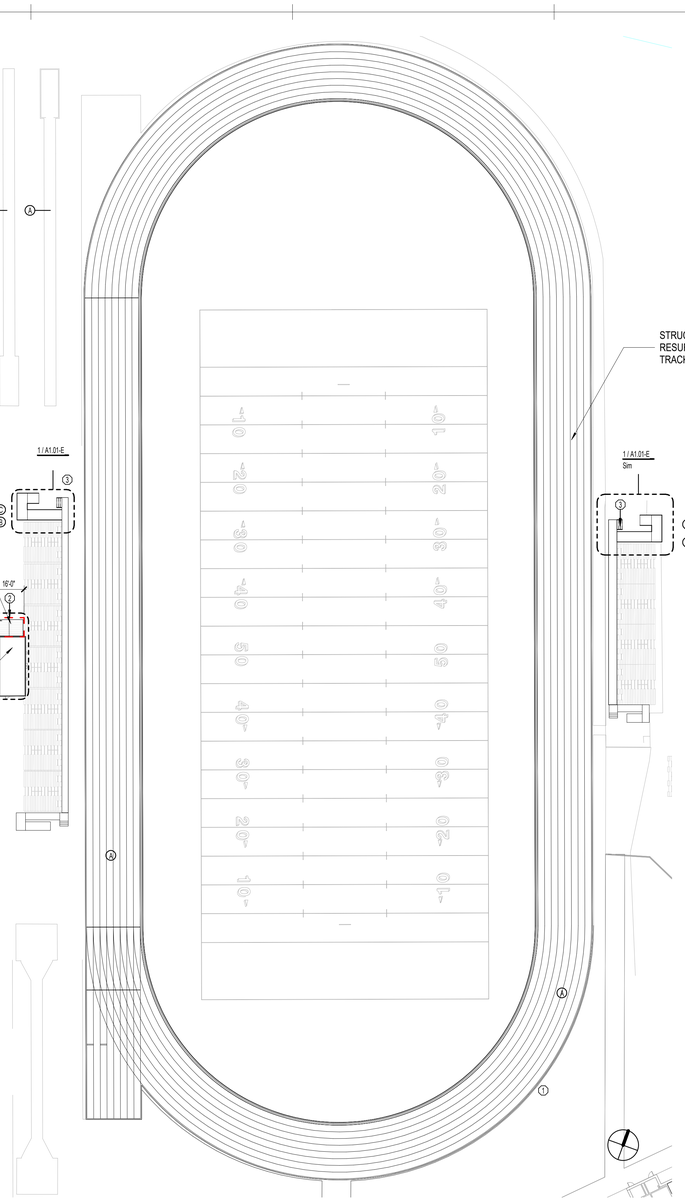




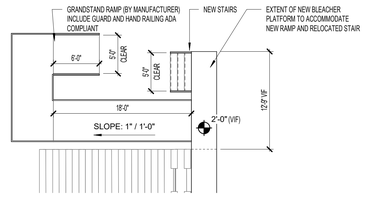
NEW VIEWING TOWER - WEST 6
SCALE: 1/8" = 1'-0"

NEW VIEWING TOWER - NORTH 5
SCALE: 1/8" = 1'-0"

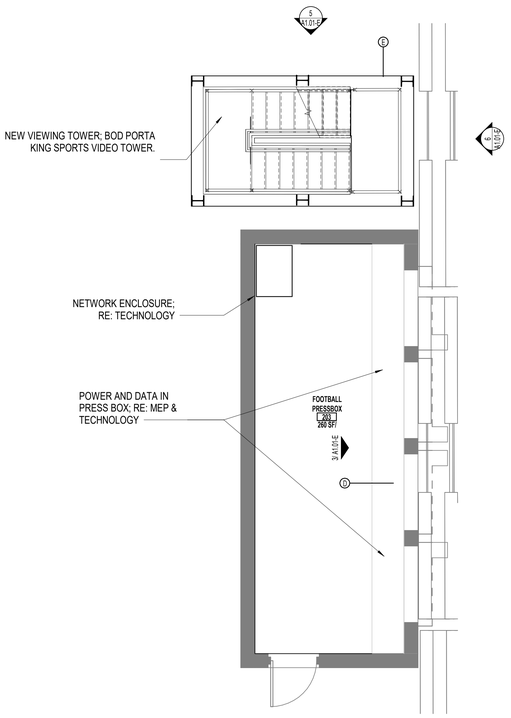




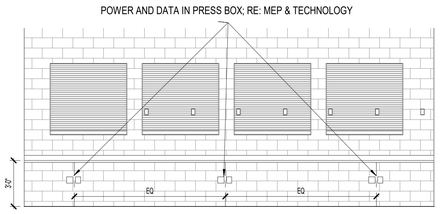
FOOTBALL FIELD - E 2
SCALE: 1/32" = 1'-0"



ACCESSIBLE RAMP - TYPICAL 1
SCALE: 1/8" = 1'-0"



FOOTBALL PRESSBOX PLAN 4
SCALE: 1/4" = 1'-0"



FOOTBALL PRESS BOX - EAST 3
SCALE: 1/4" = 1'-0"

SITE KEY PLAN
N.T.S

SITE PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET G0.01 & G0.02 FOR TAS REQUIREMENTS
3. RE: G0.03 FOR CODE PLAN
4. PROVIDE KNOX PADLOCKS AT ALL VEHICULAR GATES. PROVIDE BOLLARDS AT LATCH SIDES OF VEHICULAR GATES WHEN THEY ARE OPEN AND HASP TO LOCK OPEN GATE TO BOLLARD.
5. ALL FENCING SHALL BE VINYL COATED CHAIN LINK, 48" HIGH UNO.
6. PROVIDE 48" HIGH, 4" DIA. CONCRETE FILLED STEEL BOLLARDS SPACED 6' O.C. AROUND SIDES AND BACK OF DUMPSTER YARDS. AROUND ELECTRICAL TRANSFORMER AS REQUIRED BY ELECTRICAL PROVIDER, AND AT BOTH SIDES OF EXTERIOR ROLL-UP/GARAGE DOORS.
7. ALL DISTURBED AREAS SHALL BE FINISH GRADED, REVEGETATED, AND IRRIGATED.
8. FLAGPOLES SHALL HAVE MIN. 6' DIAMETER PAVING AROUND THEM AND A PATH TO A BUILDING ENTRANCE. PATH AND PAVING SHALL BE TAS REQUIREMENTS FOR WIDTH AND GRADING.
9. ALL RETAINING WALLS SHALL HAVE BACKSIDE WATERPROOFING AND DRAINAGE
10. ALL EXIT GATES SHALL BE PROVIDED WITH PANIC HARDWARE AND WIRED FOR CARD READERS AND ELECTRIFIED HARDWARE.
11. PROVIDE 24" CONCRETE MOW STRIP AROUND PERIMETER OF ALL BUILDINGS WHERE NO OTHER PAVING IS CALLED FOR. PROVIDE 12" MOW STRIP CENTERED ON ALL FENCING.

SITE PLAN LEGEND

- VINYL COATED CHAIN LINK FENCE, 48" HIGH
- VINYL COATED CHAIN LINK FENCE, 72" HIGH
- BLACK WROUGHT IRON FENCE, 48" HIGH
- BLACK WROUGHT IRON FENCE, 72" HIGH
- BUILDING SECTION TAG (SIM)
- WALL SECTION TAG (SIM)
- ENLARGED CALL OUT (2 / A101 SIM)

SITE PLAN KEYNOTES

TAG #	NOTES
A	NEW STRUCTURAL SPRAY RESURFACING. PROVIDE NEW STRUCTURAL SPRAY-APPLIED RESURFACING SYSTEM AT LOCATIONS SHOWN. PREPARE EXISTING SUBSTRATES, INCLUDING CLEANING, PATCHING, AND REPAIR AS REQUIRED. INSTALL RESURFACING IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS AND CIVIL DRAWINGS. INCLUDE LONG JUMP AND POLE VAULT PIT AREAS WITHIN EXTENTS OF RESURFACING. REF SPEC 32 18 23.61's REPLACEMENT ON NORTH SIDE
B	NEW ADA ACCESSIBLE RAMP. PROVIDE AND INSTALL NEW ADA-COMPLIANT RAMP SYSTEM WITH ADDITION OF A STAIR AT LOCATIONS SHOWN. THIS IS A DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION. REF SPEC 13 34 16.53's RELOCATION
C	PROVIDE NEW STAIR ASSEMBLY AT NORTH SIDE OF BLEACHERS AS SHOWN. INSTALL STAIRS TO BE COMPLIANT WITH BLEACHER PLATFORM EXTENSIONS AND ADA RAMP CONNECTIONS. THIS IS A DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION
D	PROVIDE NEW POWER AND DATA CONNECTIONS. PROVIDE NEW ELECTRICAL POWER AND DATA CONNECTIONS REF TO ELECTRICAL AND TECHNOLOGY DRAWINGS FOR DETAILS
E	NEW VIEWING TOWER. PROVIDE AND INSTALL NEW VIEWING TOWER , BASIS OF DESIGN IS PORTA KING SPORTS VIDEO TOWER AT LOCATION SHOWN. INSTALL PER MANUFACTURER REQUIREMENTS. THIS IS A DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. REMOVE, REMOVE AND SALVAGE, AND REMOVE AND REINSTALL ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.
4. DETACH ALL WALL AND CEILING MOUNTED ITEMS THAT ARE AFFECTED BY WORK AND NOT SPECIFICALLY ADDRESSED, REINSTALL OR SALVAGE ITEMS AS DIRECTED BY OWNER, DISPOSE OF ALL OTHERS.
5. WHERE A SEAMLESS PATCH BETWEEN EXISTING AND NEW SURFACES AND ITEMS IS NOT POSSIBLE OR PRACTICAL, REMOVE EXISTING ELEMENT BACK TO NEAREST JOINT OR CORNER AND REPLACE WITH NEW TO MATCH.
6. REMOVE ALL ABANDONED ITEMS EXPOSED BY DEMOLITION.
7. GENERAL CONTRACTOR TO SALVAGE EXTRA LIGHT FIXTURES TO OWNER.
8. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGED WALL SURFACES THAT HAPPEN DURING THE DEMOLITION/CONSTRUCTION PROCESS.
9. DURING DEMOLITION, RETAIN STRUCTURAL INTEGRITY FOR INTERIOR/EXTERIOR WALLS. CONTACT ARCHITECT SHOULD QUESTIONS/PROBLEMS ARISE.
10. REFERENCE ARCHITECTURAL, MEP AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING BUILDING DEMOLITION/RENOVATIONS.
11. IF WALL(S) OR SUB-WALL SURFACE(S) ISARE DAMAGED DURING REMOVAL OR DEMOLITION, THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF WALL MATERIAL(S) TO ENSURE A LEVEL AND SMOOTH WALL SURFACE. MATCH ADJACENT WALL FINISH WHEN POSSIBLE.
12. CONTRACTOR RESPONSIBLE FOR CAPPING REMOVED PLUMBING LINES BELOW FINISH FLOOR AND PREPARING FLOOR SURFACE TO RECEIVE SCHEDULED FINISH.
13. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND CAPPING ELECTRICAL WIRING PRIOR TO DEMOLITION OF WALL(S).
14. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING SURFACES AND FINISHES DURING THE DEMOLITION/CONSTRUCTION PROCESS.
15. CONTRACTOR RESPONSIBLE FOR CEILING PATCHING AND CEILING PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
16. CONTRACTOR RESPONSIBLE FOR WALL PATCHING AND WALL PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
17. CONTRACTOR RESPONSIBLE FOR FLOOR PATCHING AND FLOOR PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- AREA TO BE DEMOLISHED
- NOT IN SCOPE
- SCOPE OF DEMOLITION
- DEMO KEY NOTE (4)
- NEW CONSTRUCTION (A)

DEMOLITION KEY NOTES

TAG #	NOTES
1	DEMO EXISTING STRUCTURAL SPRAY RESURFACING. REMOVE EXISTING STRUCTURAL SPRAY-APPLIED RESURFACING MATERIAL AT LOCATIONS SHOWN. LONG JUMP AND POLE VAULT PITS ARE INCLUDED WITHIN THE EXTENTS OF RESURFACING. REFER TO CIVIL DRAWINGS FOR RESURFACING DETAILS AND EXTENTS.
2	DEMO CONCRETE PAVING AROUND FILM DECK. DEMOLISH AND REMOVE EXISTING CONCRETE PAVING AND FILM DECK AS INDICATED. SAW CUT EXISTING CONCRETE AT LIMITS OF DEMOLITION. PREPARE AREA FOR INSTALLATION OF NEW VIDEO / VIEWING TOWER, INCLUDING SUBGRADE PREPARATION AND COORDINATION WITH NEW WORK.
3	DEMO EXISTING HANDRAIL AND SUPPORT AT BLEACHER (NORTH SIDE). DEMOLISH AND REMOVE EXISTING HANDRAIL AND SUPPORT STRUCTURE ON THE NORTH SIDE OF THE BLEACHER TO ACCOMMODATE NEW STAIRS. PATCH AND REPAIR ALL AFFECTED SURFACES, INCLUDING CONCRETE AND ADJACENT FINISHES, TO MATCH EXISTING AND PREPARE FOR NEW WORK AS REQUIRED.

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS
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ELKINS HIGH SCHOOL

FBISD
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16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT
MICHAEL ADAME
20113
STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

A1.01-E
TRACK AND FIELD

ELKINS HIGH SCHOOL

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GENERAL NOTES - EXTERIOR ELEVATIONS

1. EXPOSED EXTERIOR STRUCTURAL STEEL MEMBERS SHALL BE PAINTED - COLOR SELECTED BY ARCHITECT.
2. STEEL MASONRY LINTELS SHALL BE GALVANIZED.
3. EXPOSED CONCRETE WALLS, COLUMNS, AND BEAMS, SHALL HAVE RUBBED GROUT FINISH.
4. MASONRY WEEP HOLES SHALL BE HAVE PVC HONEYCOMB VENTED WEEPS AT 16" O.C. MAXIMUM.
5. EXTERIOR ALUMINUM STOREFRONT/CURTAIN WALL SYSTEM(S) SHALL HAVE ALUMINUM SUB-SILLS WITH SEALED END DAMS.
6. EXTERIOR ALUMINUM STOREFRONT/CURTAIN WALL SYSTEM(S) SHALL HAVE CONTINUOUS ALUMINUM BACKFILLERS.
7. FLEXIBLE MEMBRANE FLASHING AT WINDOWS SILLS AND LINTELS SHALL HAVE PRE-FORMED END DAMS.
8. CONTRACTOR SHALL PROVIDE FLEXIBLE MEMBRANE FLASHING ACROSS JOINTS BETWEEN DISSIMILAR MATERIALS TO INCLUDE, BUT NOT LIMITED TO, CMU TO STEEL FRAME, CMU TO STEEL DECKING, CMU TO EXTERIOR SHEATHING, ETC. TO PROVIDE COMPLETE AIR AND VAPOR BARRIER ACROSS BUILDING ENVELOPE.
9. MASONRY VENEER CONTROL JOINTS SHALL BE 3/8", AT INSIDE CORNERS, AT DISTANCES NOT TO EXCEED 3'-4" FROM OUTSIDE CORNERS, AND AT 30'-0" O.C. MAXIMUM, UNLESS NOTED OTHERWISE. REFERENCE EXTERIOR ELEVATIONS.
10. GUTTERS, CONDUCTOR HEADS, AND DOWNSPOUTS SHALL BE PRE-FINISHED SHEET METAL, COLOR SELECTED BY ARCHITECT.
11. DOWNSPOUTS SHALL HAVE 16 GAUGE PRE-FINISHED DOWNSPOUT BOOTS TO 6'-0" ABOVE FINISH GRADE. COLOR SELECTED BY ARCHITECT.
12. DOWNSPOUTS AND ROOF DRAINS SHALL BE CONNECTED TO STORM DRAIN SYSTEM UNLESS OTHERWISE NOTED. REFERENCE CIVIL FOR STORM DRAIN CONNECTION DETAILS AND LOCATIONS.
13. CONTRACTOR SHALL PROVIDE MOCK-UP FOR EACH EXTERIOR CONDITION AND CONSTRUCTION ASSEMBLY TYPE. MOCK-UP SHALL INCLUDE METAL FLASHINGS, VERTICAL AND HORIZONTAL FLEXIBLE MEMBRANE FLASHINGS, AND WINDOW INSTALLATIONS AS DETAILED IN CONSTRUCTION DOCUMENTS. MOCK-UP SHALL BE A MINIMUM OF 8'-0" TALL X 16'-0" LONG WITH AN EXTERIOR CORNER, INTERIOR CORNER, AND VERTICAL CONTROL JOINT. COORDINATE LOCATION OF MOCK-UP PANEL WITH ARCHITECT PRIOR TO CONSTRUCTION.
14. MECHANICAL ROOF TOP UNITS SHALL BE PAINTED. COLOR SELECTED BY ARCHITECT.

EXTERIOR MATERIAL LEGEND

- BRICK 1 (BR-1) UTILITY, RUNNING BOND
- BRICK 1 (BR-2) UTILITY, RUNNING BOND
- BRICK 1 (BR-3) UTILITY, RUNNING BOND (RECESSED)
- BURNISHED FACE BLOCK (BF-1), RUNNING BOND
- EXTERIOR ACCENT PAINT (EP-1)

ROOF PLAN GENERAL NOTES

1. FOR TYPICAL ROOF PENETRATIONS AND PIPE SUPPORTS DETAILS REFER TO SHEET A05.10
2. FOR ADDITIONAL ROOF PENETRATION DETAILS: REFER TO MEP DOCS.
3. REFER MEP DOCUMENTS FOR ROOFTOP EQUIPMENT NOT SHOWN. MECHANICAL, ELECTRICAL AND PLUMBING ROOF EQUIPMENT DEPICTED ON THIS SHEET IS FOR GENERAL ARCHITECTURAL INFORMATION ONLY. REFER TO THE MEP DOCUMENTS FOR ADDITIONAL REQUIREMENTS AND COORDINATION. REFER STRUCTURAL DOCUMENTS FOR EQUIPMENT SUPPORTS.
4. EXPOSED METAL FLASHING/TRIM PIECES ARE TO BE PREFINISHED GALVANIZED STEEL, UNLESS OTHERWISE NOTED. PAINT EXPOSED METAL FLASHING/TRIM PIECES THAT ARE NOT PREFINISHED, AS WELL AS ALL EXPOSED MISCELLANEOUS STEEL PIECES. REFER FINISH SCHEDULE AND NOTES.
5. TAPERED INSULATION SHALL BE 1/4"/FT MINIMUM SLOPE TO DRAIN. ROOF PLAN SHOWS TAPERED INSULATION AT NTS AND IS GRAPHIC ONLY, TO SHOW SLOPE AND APPROX LOCATION. (VERIFY INSULATION REQUIRED TO MAINTAIN SLOPE, PRIOR TO INSTALLATION).
6. PROVIDE TAPERED INSULATION CRICKETS (1/4"/FT MIN SLOPE) AT HIGH SIDE OF ALL MECHANICAL UNITS, SKYLIGHTS, ROOF HATCHES, AND MISCELLANEOUS ROOF PENETRATIONS, TO SHED WATER AROUND, AND TO INSURE POSITIVE ROOF DRAINAGE.
7. WOOD BLOCKING AT ROOF EDGES, RIDGES, ETC. SHALL BE FABRICATED FROM CONTINUOUS MINIMUM 2X6s PT/KD BLOCKING. PROVIDE LARGER 2X PTWDS REQUIRED PER DETAIL DIMENSIONS. REFER ROOFING MANUFACTURER RECOMMENDATIONS.
8. WHERE WOOD BLOCKING EXCEEDS 8" THICKNESS AT TAPERED INSULATION, PROVIDE STEM WALL CONSTRUCTED OF 8" GALVANIZED CPMF AT 16"OC W/ CONTINUOUS TRACK TOP AND BOTTOM AND W. 3/4" PT EXTERIOR GRADED PLYWOOD AT EACH SIDE, TOP TO SLOPE W/ TAPERED INSULATION.
9. PROVIDE STEP FLASHING AND COVER PLATE AT SLOPED ROOF HI/LO CONDITIONS.
10. VERIFY ELEVATION OF ROOF DRAIN RELATIVE TO OVERFLOW SCUPPER PRIOR TO INSTALLATION OF SCUPPERS.
11. STRUCTURAL SLOPES SHOWN ON PLAN ARE FOR GENERAL CONCEPT ONLY. REFER STRUCTURAL DRAWINGS FOR EXACT TOS/BOD ELEVATIONS.
12. REFER PLUMBING DOCUMENTS FOR ROOF DRAIN LEADERS, CONNECTIONS TO STORM DRAIN, AND NOZZLES.
13. FOR TYPICAL ROOF PENETRATION DETAILS: PROVIDE METAL ROOF MFRS STD ROOF CURBS AND PENETRATION DETAILS. FOR LOCATIONS, HEIGHTS, AND ANY OTHER ADDITIONAL INFO REFER TO MEP DOCS. COORDINATE FINAL SIZE.
    A. PROVIDE CURBS AND ALL SUPPORTS NOT INDICATED ON THE STRUCTURAL DOCUMENTS FOR NEW ROOF TOP MECH EQUIPMENT, INCLUDING BUT NOT LIMITED TO RTUS, CONDENSERS, AND FANS. REFER STRUCTURAL AND MEP DOCUMENTS.
    B. PROVIDE SUPPORTS AND FLASHING AS REQUIRED AT NEW GAS PIPING ON THE ROOF.
14. PROVIDE STD EAVE CLOSURES, AND MISCELLANEOUS TRIM REQUIRED FOR COMPLETE ASSEMBLY.
15. CONTRACTOR MAY DELETE WOOD BLOCKING SHOWN IN ROOFING DETAILS AS ALLOWED BY ROOFING MANUFACTURER RECOMMENDATIONS AND FACTORY MUTUAL WIND UPLIFT REQUIREMENTS.

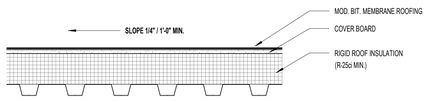
ROOF PLAN LEGEND

- CRICKET
- WALK PADS
- MODIFIED BITUMEN ROOF

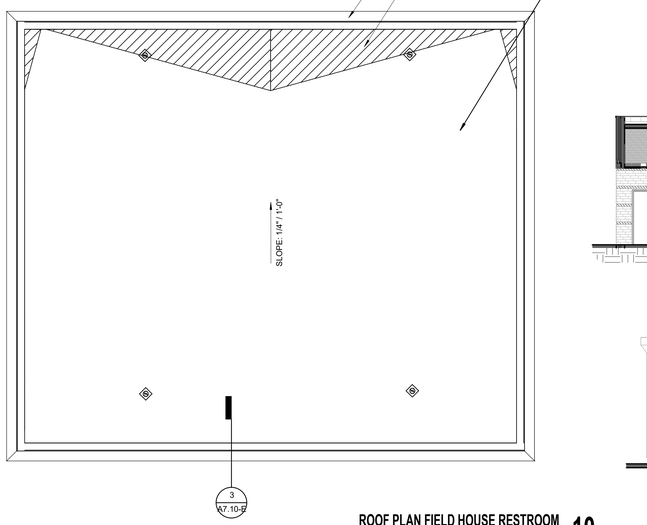
REFLECTED CEILING PLAN LEGEND

- 2' X 4' LED FIXTURE (RECESSED)
- LINEAR LED FIXTURE (RECESSED)
- LINEAR LED FIXTURE (SUSPENDED)
- LINEAR LED FIXTURE (SURFACE MOUNTED)
- RECESSED CAN FIXTURE
- PENDANT LIGHT FIXTURE
- SURFACE MOUNTED CAN LIGHT FIXTURE
- WALL SCONCE
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- SUSPENDED GYPSUM BOARD
- SUSPENDED CEILING SYSTEM WITH LAY-IN ACOUSTICAL PANELS
- SUSPENDED CEILING SYSTEM WITH LAY-IN VINYL FACED PANELS
- METAL SOFFIT, BOD CERTAINTEED LINEAR BOX 6 SYSTEM, EXTERIOR
- EXPOSED STRUCTURE

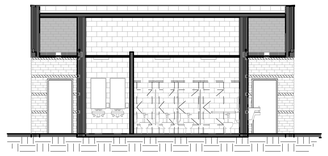
GENERAL NOTES:
1. ALL CEILINGS TO BE 10'-0" UNLESS OTHERWISE NOTED.
2. SEE SHEET A10.10 FOR CEILING DETAILS.
3. REFER TO INTERIOR AND EXTERIOR ELEVATIONS FOR LIGHT FIXTURE MOUNTING HEIGHTS.
4. MEP & ARCHITECT TO REVIEW AND APPROVE SPRINKLER KEYOUT AND HEAD LOCATIONS PRIOR TO CONSTRUCTION. SUBMIT PLAN USING ARCHITECT'S RCPS.
5. AT AREAS WHERE CEILING IS EXPOSED - EXPOSED CONDUIT TO BE LOCATED NEATLY. ARCHITECT TO APPROVE LAYOUTS.
6. COORDINATE CEILING ACCESS PANELS WITH MEP CONTRACTOR. LOCATE WHERE NECESSARY.



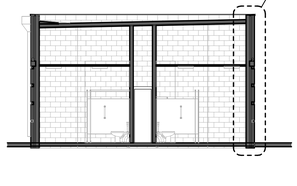
ROOF TYPE R1
SCALE: 1 1/2" = 1'-0" 11



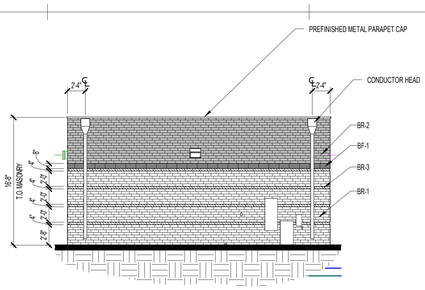
ROOF PLAN FIELD HOUSE RESTROOM
SCALE: 1/4" = 1'-0" 10



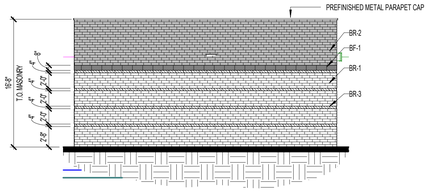
FIELD HOUSE RESTROOM SECTION B
SCALE: 1/8" = 1'-0" 7 (1 / A7.10-E Sim)



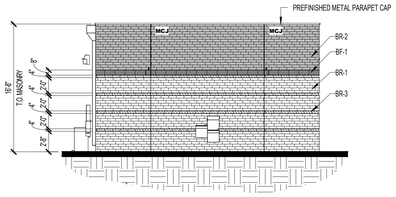
FIELD HOUSE RESTROOM SECTION A
SCALE: 1/8" = 1'-0" 6



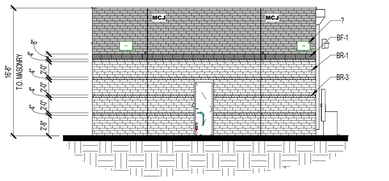
FIELD HOUSE RESTROOM NORTH ELEVATION
SCALE: 1/8" = 1'-0" 5



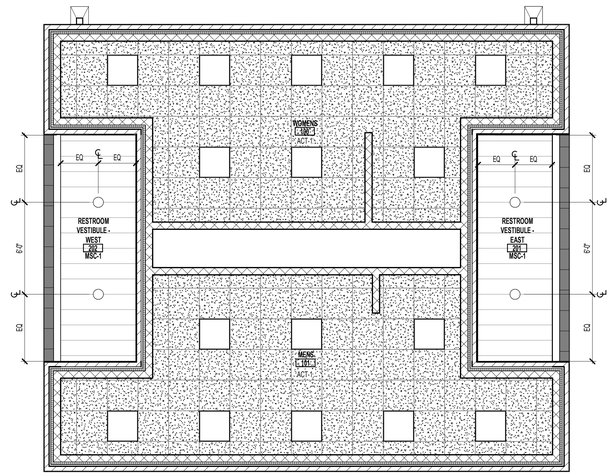
FIELD HOUSE RESTROOM SOUTH ELEVATION
SCALE: 1/8" = 1'-0" 4



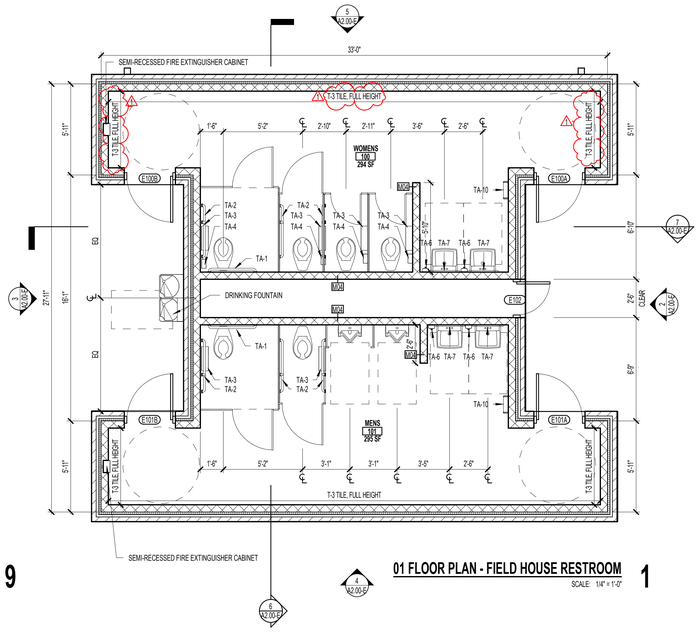
FIELD HOUSE RESTROOM WEST ELEVATION
SCALE: 1/8" = 1'-0" 3



FIELD HOUSE RESTROOM EAST ELEVATION
SCALE: 1/8" = 1'-0" 2



01 CEILING PLAN - FIELDHOUSE RESTROOM
SCALE: 1/4" = 1'-0" 9



01 FLOOR PLAN - FIELD HOUSE RESTROOM
SCALE: 1/4" = 1'-0" 1

FLOOR PLAN GENERAL NOTES

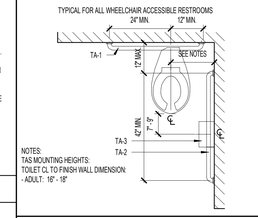
1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. RE: SHEET A0.30 & SPECIFICATIONS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
5. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
6. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-8" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

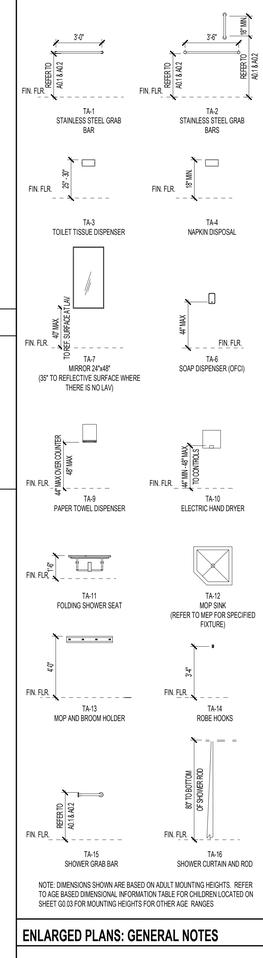
- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- COLUMN GRID (AB)
- EXTERIOR ELEVATION TAG (20 / A101 Ref)
- INTERIOR ELEVATION TAG (1/ A101 Ref)
- BUILDING SECTION TAG (1 / A101 SIM)
- WALL SECTION TAG (SIM / A101)
- ENLARGED CALL OUT (21 / A101 SIM)
- DOOR TAG (101)
- PARTITION TAG (AX)
- HOLLOW METAL WINDOW TAG (2)
- ALUMINUM WINDOW TAG (1)
- 5' DIAMETER ADA TURN AROUND

FLOOR PLAN NOTES BY NUMBER

RESTROOM WHEELCHAIR ACCESS, TYPICAL



TYPICAL MOUNTING HEIGHTS, U.N.O.



NOTE: DIMENSIONS SHOWN ARE BASED ON ADULT MOUNTING HEIGHTS. REFER TO AGE BASED DIMENSIONAL INFORMATION TABLE FOR CHILDREN LOCATED ON SHEET G0.03 FOR MOUNTING HEIGHTS FOR OTHER AGE RANGES

ENLARGED PLANS: GENERAL NOTES

1. ALL DIMENSIONS AT ENLARGED PLANS ARE TO OUTSIDE FACE OF GYP. BD. / FACE OF CMU/TILT WALL.

ALTERNATE NO. 4

ELKINS HIGH SCHOOL: RESTROOM AT FIELD HOUSE FOR PUBLIC.

ALTERNATE NO. 4 - NEW FIELD HOUSE RESTROOMS

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REGISTERED ARCHITECT MICHAEL ADAMS 30113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
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REVISIONS:

No.	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

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ALTERNATE NO. 4 - 01 FLOOR PLAN - FIELD HOUSE RESTROOM

ELKINS HIGH SCHOOL

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01 FLOOR PLAN - FIELD HOUSE 2

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

DEMO PLAN FIELD HOUSE 1

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

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. REMOVE, REMOVE AND SALVAGE, AND REMOVE AND REINSTALL ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.
4. DETACH ALL WALL AND CEILING MOUNTED ITEMS THAT ARE AFFECTED BY WORK AND NOT SPECIFICALLY ADDRESSED, REINSTALL OR SALVAGE ITEMS AS DIRECTED BY OWNER, DISPOSE OF ALL OTHERS.
5. WHERE A SEAMLESS PATCH BETWEEN EXISTING AND NEW SURFACES AND ITEMS IS NOT POSSIBLE OR PRACTICAL, REMOVE EXISTING ELEMENT BACK TO NEAREST JOINT OR CORNER AND REPLACE WITH NEW TO MATCH.
6. REMOVE ALL ABANDONED ITEMS EXPOSED BY DEMOLITION.
7. GENERAL CONTRACTOR TO SALVAGE EXTRA LIGHT FIXTURES TO OWNER.
8. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGED WALL SURFACES THAT HAPPEN DURING THE DEMOLITION/CONSTRUCTION PROCESS.
9. DURING DEMOLITION, RETAIN STRUCTURAL INTEGRITY FOR INTERIOR/EXTERIOR WALLS. CONTACT ARCHITECT SHOULD QUESTIONS/PROBLEMS ARISE.
10. REFERENCE ARCHITECTURAL, MEP AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING BUILDING DEMOLITION/RENOVATIONS.
11. IF WALL(S) OR SUB-WALL SURFACE(S) IS/ARE DAMAGED DURING REMOVAL OR DEMOLITION, THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF WALL MATERIAL(S) TO ENSURE A LEVEL AND SMOOTH WALL SURFACE. MATCH ADJACENT WALL FINISH WHEN POSSIBLE.
12. CONTRACTOR RESPONSIBLE FOR CAPPING REMOVED PLUMBING LINES BELOW FINISH FLOOR AND PREPARING FLOOR SURFACE TO RECEIVE SCHEDULED FINISH.
13. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND CAPPING ELECTRICAL WIRING PRIOR TO DEMOLITION OF WALL(S).
14. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING SURFACES AND FINISHES DURING THE DEMOLITION/CONSTRUCTION PROCESS.
15. CONTRACTOR RESPONSIBLE FOR CEILING PATCHING AND CEILING PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
16. CONTRACTOR RESPONSIBLE FOR WALL PATCHING AND WALL PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
17. CONTRACTOR RESPONSIBLE FOR FLOOR PATCHING AND FLOOR PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- AREA OF TO BE PATCHED

DEMOLITION KEY NOTES

1. REMOVE EXISTING LOCKERS AND BENCHES RETAIN EXISTING CONCRETE BASE. REPAIR AND PAINT ANY DAMAGES TO EXISTING CMU WALLS OR FLOORS. REFER TO MATERIAL SCHEDULE FOR P-1 PAINT COLOR.

FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. RE: SHEET A0.30 & SPECIFICATIONS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
5. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
6. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-8" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- COLUMN GRID
- EXTERIOR ELEVATION TAG
- INTERIOR ELEVATION TAG
- BUILDING SECTION TAG
- WALL SECTION TAG
- ENLARGED CALL OUT
- DOOR TAG
- PARTITION TAG
- HOLLOW METAL WINDOW TAG
- ALUMINUM WINDOW TAG
- 5' DIAMETER ADA TURN AROUND

FLOOR PLAN NOTES BY NUMBER

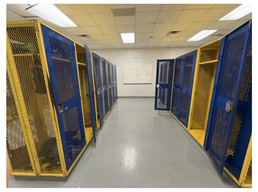
1. INSTALL NEW LOCKERS ON CONCRETE BASE, INSTALL CLOSER FILLER PANELS AT END WALLS AND CORNERS. REFER TO SPEC 105113 FOR ADDITIONAL INSTALLATION INSTRUCTIONS.
2. INSTALL NEW BENCH, PROVIDE AND INSTALL ADA-COMPLIANT BENCH AT LOCATIONS SHOWN. BENCH SHALL HAVE A SOLID PHENOLIC SEAT WITH A GALVANIZED STEEL PEDESTAL. PAINT PEDESTAL WITH SHERWIN-WILLIAMS COLOR TO MATCH LOCKER COLOR. BENCH SHALL BE BY SAME MANUFACTURER AS METAL LOCKERS. CONTRACTOR TO SUBMIT COLOR SAMPLES FOR REVIEW AND APPROVAL. REFER TO SPECIFICATIONS. INSTALL IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS AND APPLICABLE ADA REQUIREMENTS.
3. INSTALL NEW ADA BENCH WITH HARD WOOD SEAT ON METAL PEDESTALS AT LOCATIONS NOTED ON DRAWINGS. PROVIDE BENCHES BY SAME MANUFACTURER AS THE METAL LOCKERS. USE 3/8"X 2 1/2" METAL EXPANSION ANCHORS PER MANUFACTURER'S INSTRUCTIONS.

SPECIALTY EQUIPMENT

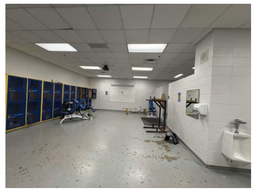
TAG	EQUIPMENT
A2	LOCKER - 24" W X 18" D X 72" H
A3	LOCKER - 24" W X 18" D X 72" H
B1	LOCKER - 24" W X 18" D X 72" H
LB-1	LOCKER BENCH - 144" L X 9 1/2" W
LB-2	LOCKER BENCH - 96" L X 9 1/2" W
LB-A1	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT WALL
LB-A2	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT BACK

REPLACE EXISTING DRYERS

LAUNDRY



VARSITY

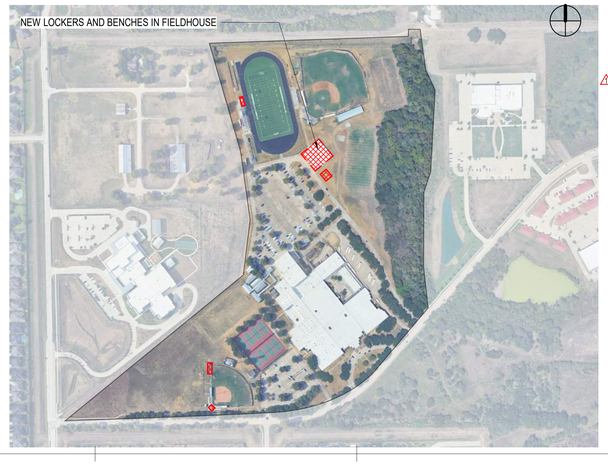


SOPHOMORE

FRESHMEN

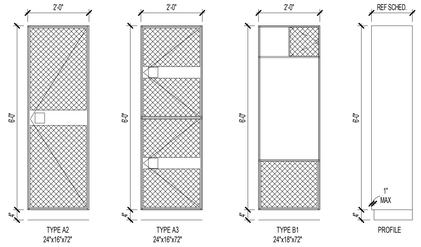
SOPHOMORE

NEW LOCKERS AND BENCHES IN FIELDHOUSE



LOCKER SCHEDULE

1.PROVIDE SHOP-APPLIED, BAKED EPOXY ENAMEL FINISH
2.REFER TO MATERIAL SHCEDULE FOR COLOR



ROOM 118
EXISTING 41
PROVIDED 41
ADA REQUIRED: 3
ADA PROVIDED: 3

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

ROOM 115
EXISTING 28
PROVIDED 28
ADA REQUIRED: 2
ADA PROVIDED: 2

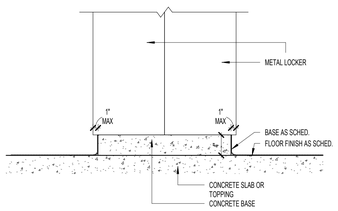
ROOM 114
EXISTING 50
PROVIDED 50
ADA REQUIRED: 3
ADA PROVIDED: 3

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

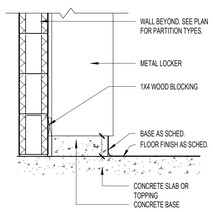
ROOM 123
EXISTING: 51
PROVIDED: 51
ADA REQUIRED: 3
ADA PROVIDED: 3

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

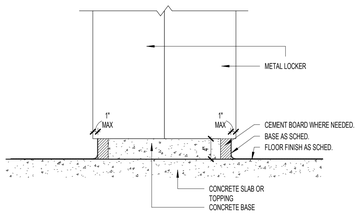
NEW CURB @ ISLAND



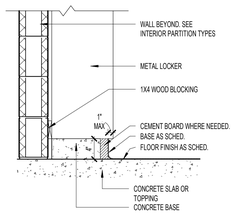
NEW CURB @ WALL



EXISTING CURB @ ISLAND

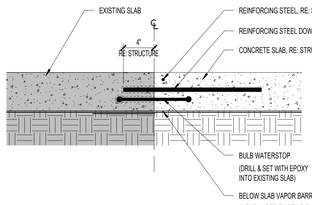


EXISTING CURB @ WALL



CONCRETE LOCKER CURB DETAIL 3

SCALE: 1" = 1'-0"



SECTION DETAIL - NEW SLAB AT EXISTING SLAB 4

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

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REGISTERED ARCHITECT
MICHAEL ADAME
20113
STATE OF TEXAS

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REVISIONS:

Δ	Date	Description
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A2.01-E

01 FLOOR PLAN - FIELD HOUSE

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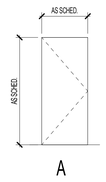
DOOR SCHEDULE GENERAL NOTES

1. REFER TO THE SPECIFICATIONS FOR HARDWARE DESCRIPTIONS
2. REFER TO A 8.02 FOR DOOR HEAD JAMB AND SILL DETAILS
3. REF. SPECIFICATIONS FOR GLAZING TYPES
4. ALL DOORS IN SMOKE RESISTANT PARTITIONS TO HAVE POSITIVE LATCHING AND BE SMOKE TIGHT (ST)
5. ALL DOORS TO HAVE BOXED HEADERS UNLESS STEEL CHANNELS ARE INDICATED IN THE COMMENT COLUMN OF THE DOOR SCHEDULE OR UNLESS OTHERWISE INDICATED BY HEAD DETAIL
6. ALL CLOSERS TO BE LOCATED ON THE ROOM SIDE OF THE DOOR WHERE INSTALLED AT CORRIDORS. IN NON CORRIDORS, CLOSERS TO BE INSTALLED AT THE ROOM SIDE FOR THE ROOM BEING SERVED BY THE OPENER
7. ALL FIRE RATINGS NOTED IN MINUTES

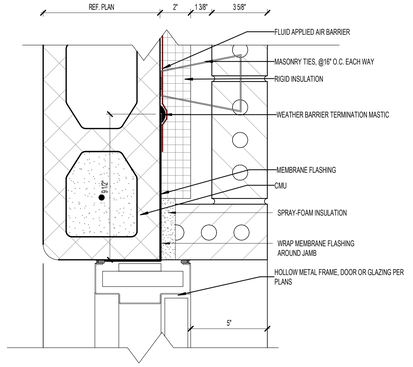
DOOR PANEL TYPES



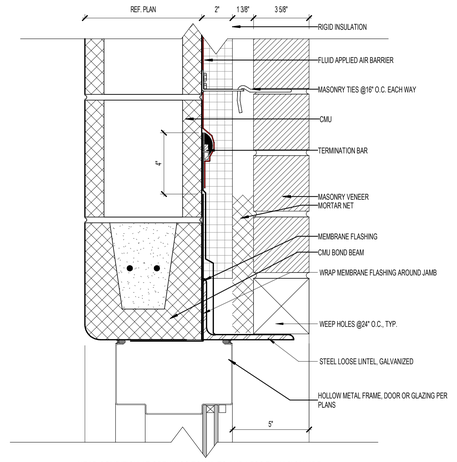
A

DOOR SCHEDULE ABREVIATIONS

AL: ALUMINUM	RM: REFER TO MANUFACTURER	MIN: MINUTES
HM: HOLLOW METAL	ST: SMOKE TIGHT	HW: HARDWARE
MTL: METAL	SCW: SOLID CORE WOOD	
CL: CHAIN LINK	FBC: POLYMER CORE	



HM JAMB - MASONRY W/CMU 4
SCALE: 3" = 1'-0"

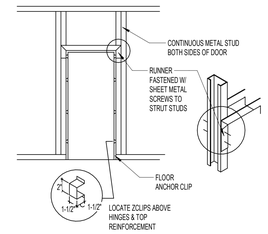


HEAD CONDITION AT OPENINGS EQUAL TO AND LESS THAN 8'-0" WIDE

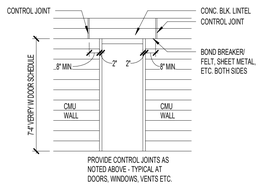
HM HEAD - MASONRY W/CMU 3
SCALE: 3" = 1'-0"

DOOR SCHEDULE

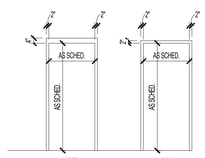
Level	BUILDING	NUMBER	PANEL PAIR	PANEL WIDTH	PANEL HEIGHT	PANEL TYPE	PANEL MATERIAL	FRAME TYPE	FRAME MATERIAL	FIRE RATING	HARDWARE	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	COMMENTS
RESTROOMS															
Level 01	RESTROOMS	E100A		3'-0"	7'-0"	A	HM	HM2	HM		805L	3/A8.00-E	4/A8.00-E		
Level 01	RESTROOMS	E100B		3'-0"	7'-0"	A	HM	HM2	HM		805L	3/A8.00-E	4/A8.00-E		
Level 01	RESTROOMS	E101A		3'-0"	7'-0"	A	HM	HM2	HM		805L	3/A8.00-E	4/A8.00-E		
Level 01	RESTROOMS	E101B		3'-0"	7'-0"	A	HM	HM2	HM		805L	3/A8.00-E	4/A8.00-E		
Level 01	RESTROOMS	E102		2'-0"	7'-0"	A	HM	HM2	HM		205	5/A8.00-E	4/A8.00-E		
SOFTBALL PRESSBOX															
Level 01	SOFTBALL PRESSBOX	E200		3'-0"	7'-0"	A	Default	HM1	Default		P505				PREMANUFACTURED PRESSBOX DOOR



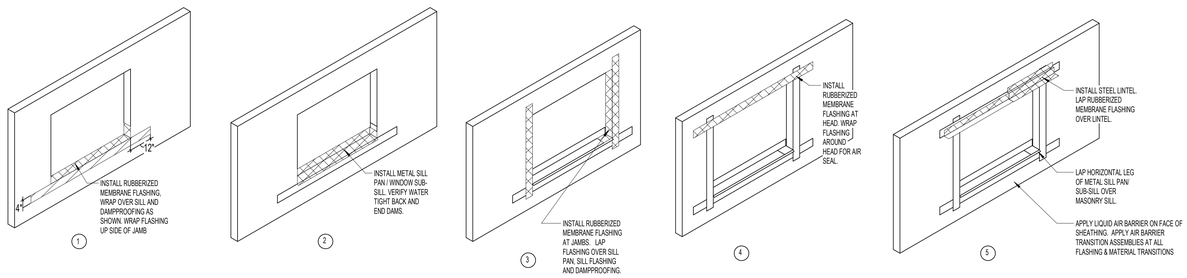
DOOR FRAME DETAIL @ METAL STUDS 2
SCALE: 1/4" = 1'-0"



DOOR FRAME DETAIL @ MASONRY 1
SCALE: 1/4" = 1'-0"



HOLLOW METAL FRAME TYPES 5
SCALE: 1/4" = 1'-0"



WINDOW FLASHING SEQUENCE 6
SCALE: 3/8" = 1'-0"

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

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Sugarland, TX 77479

REGISTERED ARCHITECT
MICHAEL ADAME
30113
STATE OF TEXAS

DATE: 12/04/2025

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DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

No.	Date	Description
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DOOR SCHEDULE AND DETAILS

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ROOM FINISH SCHEDULE - NEW RESTROOMS (ALTERNATE #)

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	COMMENTS
100	WOMEN'S	F-1	TB-1	T-3	T-2, T-3	T-2	T-2, T-3	FULL HEIGHT TILE U.N.O.
101	MENS	F-1	TB-1	T-2	T-2, T-3	T-2	T-2, T-3	FULL HEIGHT TILE U.N.O.
102	RESTROOM CHASE	SCONC-1	RB-1	P-1	P-1	P-1	P-1	

MATERIAL SCHEDULE

MARK	MATERIAL	MANUFACTURER	STYLE	COLOR	SPECS	REMARKS
01 FLOOR FINISH						
RF-1	RESINOUS FLOORING	STONHARD	STONSHIELD SL-T	MATCH EXISTING		PATCHING AS APPLICABLE
SCONC-1	SEALED CONCRETE					RESTROOMS CHASE. ALTERNATE #
T-1	PORCELAIN TILE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY	2X2" MOSAIC	NEW RESTROOMS. ALTERNATE #
02 BASE						
RB-1	RUBBER BASE	JOHNSONITE		BLACK	COVE BASE 4" HEIGHT	
RFB-1	RESINOUS FLOORING BASE	STONHARD	STONSHIELD SL-T	MATCH EXISTING		LOOKER BASE AS APPLICABLE
TB-1	TILE BASE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY	COVE BASE	NEW RESTROOMS. ALTERNATE #
03 WALL FINISH						
P-1	PAINT	SHERWIN WILLIAMS		SW 6223 MISTY	PER SPECS TO FINISH PAINT	FIELD PAINT. LOCKER ROOMS
P-1E	EPOXY PAINT	SHERWIN WILLIAMS		SW 6223 MISTY	PER SPECS TO FINISH PAINT	EPOXY PAINT AT THE AREAS
P-2	PAINT	SHERWIN WILLIAMS		SW 7757 DOLPHIN GREY	PER SPECS TO FINISH PAINT	NEW LOCKERS
T-2	WALL TILE	AMERICAN OLEAN	COLOR STORY FLOOR	MATTE EGGSHELL WHITE	12"X24" MATTE	NEW RESTROOMS. FIELD. FULL HEIGHT & HORIZONTALLY STACKED. ALTERNATE #
T-3	WALL TILE	AMERICAN OLEAN	COLOR STORY FLOOR	MATTE SAPPHIRE SKY	12"X24" MATTE	NEW RESTROOMS ACCENT. FULL HEIGT & HORIZONTALLY STACKED. ALTERNATE #
04 CEILING FINISH						
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	CLEAN ROOM XL NO. 810	WHITE	2X4 SQUARE EDGE	RESTROOMS. LOCKER ROOMS
GYP-1	GYMPSUM BOARD CEILING			TO MATCH P-1 U.N.O.		
05 MISC. FINISHES						
	LOCKERS	LSI INDUSTRIES		T17 GRAND SLAM BLUE		REF TO LOCKER SCHEDULE
	BENCHES	LSI INDUSTRIES		GRAY TOPS & STEEL PEDESTALS		REF SPECS
PK-1	PLASTIC LAMINATE	WILSONART		7949K-07 WORD	SOFTGRAIN FINISH	CHECKPOINT X-CAPTCOS Solid
PK-2	PLASTIC LAMINATE	WILSONART		DOVE GREY	MATTE FINISH	COUNTERTOPS
06 TRANSITION						
	ALUMINUM TRIM	SCHLUTER				AT TILE EDGES
TR-1	ALUMINUM TRIM	SCHLUTER	JOLLY	ANODIZED		
07 EXTERIOR						
BR-1	BRICK	KANSAS BRICK & TILE	UTILITY	550 CLASSIC	RUNNING BOND	ALTERNATE #
BR-2	BRICK	KANSAS BRICK & TILE	UTILITY	550 MIT GREY	RUNNING BOND	ALTERNATE #
BR-3	BRICK	KANSAS BRICK & TILE	UTILITY	550 CHARCOAL	RUNNING BOND	ALTERNATE #
BLK-1	BURNISH BLOCK	BEST BLOCK			RUNNING BOND	ALTERNATE #
MSC-1	METAL CEILING SYSTEM	CERTAINTEED	DEEP BOX SERIES		UNDER BOX & EXTERIOR	METAL SOFFIT. ALTERNATE #
PM-1	PREPAINGHED METAL				GUTTERS, ROOF COPING, ALL EXT METAL	ALTERNATE #

GENERAL NOTES

A. REFER TO REFLECTED CEILING PLAN (A10 SERIES DWGS) FOR CEILING HEIGHTS & ADDITIONAL INFORMATION.

B. ALL FINISHES SUBJECT TO ARCHITECT'S APPROVAL

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

7007 Knights Ct. Missouri City, TX 77459

ELKINS HIGH SCHOOL

REGISTERED ARCHITECT MICHAEL ADAME 31018 STATE OF TEXAS

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CHECKED BY:	CHK

REVISIONS

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MATERIAL AND ROOM FINISH SCHEDULE

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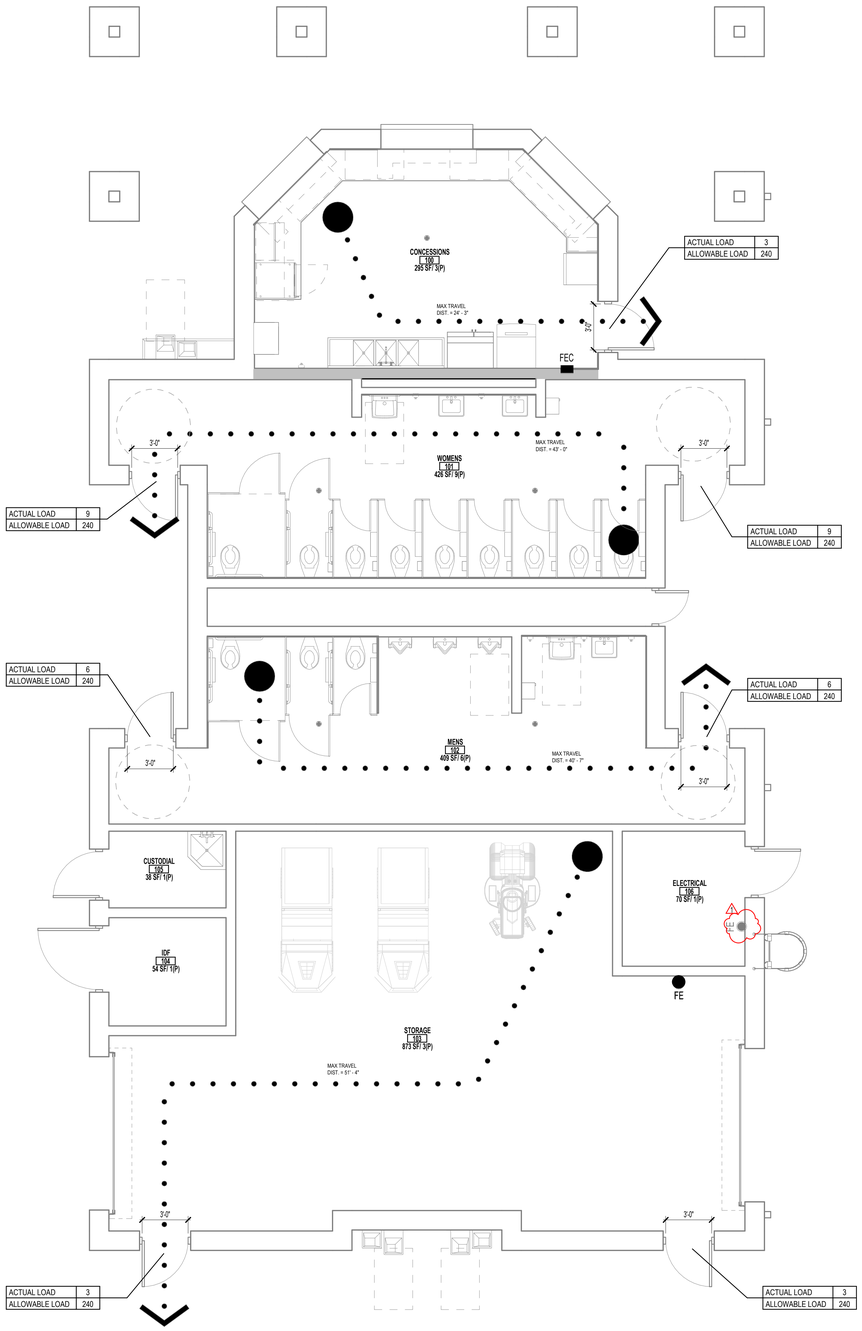

CODE REVIEW PLAN - NEW CONCESSION BUILDING

SCALE: 1/4" = 1'-0" **3**

PLUMBING FIXTURES - CITY OF MISSOURI CITY PLUMBING CODE

Fixture counts per Chapter 29 of the IBC 2021

PLUMBING FIXTURES ARE TESTED IN FIVE DIFFERENT CATEGORIES BASED ON USER GROUPS PER CoHBC Table 2902.1

C1. **LARGE GROUP PUBLIC**: FOR FOOTBALL GRANDSTAND OCCUPANTS IN A FULL GATHERING

C1 — TOTAL PROJECTED MAXIMUM CAPACITY OF FOOTBALL GRANDSTANDS = **(578.38)**
MALE= 289.19 FEMALE= 289.19

	FIXTURE TYPE			REQUIRED		PROVIDED		CODES
LARGE GROUP PUBLIC (A-3) GRANDSTANDS	MALE	WC* 1 per 75	STANDARD		3		6	COH
			HC**					COH/TAS
			AMBULATORY					TAS
		LAV 1 per 200	STANDARD		1		2	COH
			HC					
	FEMALE	WC* 1 per 35	STANDARD		9		9	COH
			HC**					COH/TAS
			AMBULATORY					TAS
		LAV 1 per 150	STANDARD		1		3	COH
			HC					
	DRINKING FOUNTAINS AT 1 PER 1,000		STANDARD		1		3	COH
			HC					

NOTES:

1. ALL DRINKING FOUNTAINS PAIRED AS HI/LO - HC ACCESSIBLE
2. (1) SERVICE SINK REQUIRED PER LEVEL

* URINALS MAY BE SUBSTITUTED FOR WC'S PROVIDED THAT NUMBER OF WC'S IS NOT REDUCED TO LESS THAT 50% OF THE NUMBER REQUIRED.
** INCLUDE HC URINALS.
*** PROVIDE 1 HC LAV IN EACH TOILET ROOM.
**** FAMILY TOILET PROVIDED (SUBSTITUTE 1 WC & LAV)

NOTES: TOILETS LOCATED IN ATHLETIC FIELD HOUSE - REFER G107/A2.03.H

FIELD HOUSE PROVIDED:

MALE: 15 WC / 8 LAV
FEMALE: 1 WC / 1 LAV

DRINKING FOUNTAINS: 6

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND ILLUMINATED EXIT SIGNS.
2. REFER TO A0.01 FOR COMPOSITION OF RATED PARTITIONS.
3. REFER TO A8.00 FOR DOOR SCHEDULE IDENTIFYING FIRE RATING RATINGS
4. IF AN OPENING OCCURS IN A RATED WALL, REFER TO THE SPECIFICATIONS FOR REQUIREMENTS.
5. FIRE SPRINKLER SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE SPRINKLER SYSTEM
6. FIRE ALARM SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE ALARM SYSTEM. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARD 14 AND THE COUNTY FIRE MARSHALL.
7. ALL EXITS SHALL COMPLY WITH ACCESSIBLE STANDARDS AND DISCHARGE TO A PAVED PUBLIC WAY, OR A PAVED SIDEWALK WHICH LEADS TO A PUBLIC WAY.
8. BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE COUNTY FIRE CODE AND REFERENCED DOCUMENTS.

APPLICABLE CODES- (CITY OF MISSOURI CITY)

2021 IBC INTERNATIONAL BUILDING CODE
2021 IMC INTERNATIONAL MECHANICAL CODE
2021 IPC INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2021 INTERNATIONAL EXISTING BUILDING CODE
2023 NATIONAL ELECTRICAL CODE
TAS TEXAS ACCESSIBILITY STANDARDS (ADOPTED MARCH 2012)

2021 IBC COMPLIANCE DATA

CHAPTER 2 - DEFINITIONS
GRADE PLANE: A REFERENCE PLANE REPRESENTING THE AVERAGE OF FINISHED GROUND LEVEL ADJOINING THE BUILDING AT EXTERIOR WALLS. WHERE THE FINISHED GROUND LEVEL SLOPES AWAY FROM THE EXTERIOR WALLS, THE REFERENCE PLANE SHALL BE ESTABLISHED BY THE LOWEST POINTS WITHIN THE AREA BETWEEN THE BUILDING AND THE LOT LINE OR, WHERE THE LOT LINE IS MORE THAN 6 FEET (1829 MM) FROM THE BUILDING, BETWEEN THE BUILDING AND A POINT 6 FEET (1829 MM) FROM THE BUILDING.
GRADE PLANE = -7' BELOW PROJECT '0'-0" ELEVATION"

STORY ABOVE GRADE PLANE: ANY STORY HAVING ITS FINISHED FLOOR SURFACE ENTIRELY ABOVE GRADE PLANE, OR IN WHICH THE FINISHED SURFACE OF THE FLOOR NEXT ABOVE IS: 1. MORE THAN 6 FEET (1829 MM) ABOVE GRADE PLANE; OR 2. MORE THAN 12 FEET (3658 MM) ABOVE THE FINISHED GROUND LEVEL AT ANY POINT.

CHAPTER 3 – USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 – EDUCATIONAL GROUP E

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS - NEW CONCESSION BUILDING
TABLE 504.3 & 504.4 & 506.2
GROUP E, TYPE II B, NOT SPRINKLED:
BUILDING HEIGHT: 55' ALLOWED; **15' ACTUAL (ABOVE GRADE PLANE)**
BUILDING STORIES: 2 STORIES ALLOWED; **1 STORIES ACTUAL**
BUILDING AREA: **14,500** SQUARE FEET PER STORY

TOTAL SF BUILDING: 4,393 SQUARE FEET

SECTION 508 - INCIDENTAL USES
508.4 - NO SEPARATION BETWEEN GROUP E OCCUPANCIES

TABLE 509 - MIXED USE AND OCCUPANCY
ELECTRICAL INSTALLATIONS AND TRANSFORMERS (SEE SECTIONS 110.26 THROUGH 110.34 AND SECTIONS 450.8 THROUGH 450.48 OF NFPA 70 FOR PROTECTION AND SEPARATION REQUIREMENTS.

CHAPTER 6 - TYPES OF CONSTRUCTION

SECTION 601 - GENERAL
601 - FOR CONSTRUCTION TYPE II B: 0 HOUR FIRE-RESISTANCE RATING REQUIREMENT FOR BUILDING ELEMENTS
NOTE: ELEMENTS INCLUDE PRIMARY STRUCTURAL FRAME, EXTERIOR AND INTERIOR WALLS, FLOOR AND ROOF CONSTRUCTION

SECTION 602 - CONSTRUCTION CLASSIFICATION
602 - FOR CONSTRUCTION TYPE II B: 0 HOUR FIRE RESISTANCE RATING FOR EXTERIOR WALLS IF < 10 FT. FROM OTHER STRUCTURES, ELSE 0

CHAPTER 6 – TYPES OF CONSTRUCTION
CONSTRUCTION TYPE II B - PER TABLES 601 & 602:
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS: NO RATING REQUIRED FOR ANY BUILDING ELEMENT LISTED: PRIMARY STRUCTURE, BEARING & NONBEARING WALLS/ PARTITIONS (INTERIOR & EXTERIOR); FLOOR CONSTRUCTION AND SECONDARY MEMBERS; ROOF CONSTRUCTION AND SECONDARY MEMBERS

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

SECTION 705 - EXTERIOR WALLS
705.2 - PROJECTION SEPARATION DISTANCE FROM FSD LINE FOR FSD OF 30 FT: 20 FT. MINIMUM / **30 FT. ACTUAL**
705.2.1 - PROJECTIONS FROM TYPE II CONSTRUCTION SHALL BE OF NON-COMBUSTIBLE MATERIALS
705.8.1 - EXCEPTION 1: BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS, AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

SECTION 706 - FIRE WALL - N/A

SECTION 707 - FIRE BARRIERS - N/A

SECTION 713 - SHAFT ENCLOSURES (ELEVATOR SHAFT) - N/A

TABLE 716.5 - OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: 1 HOUR IF <30 FT FROM OTHER STRUCTURES; NO RATING REQUIRED IF >30 FT FROM OTHER STRUCTURES; BUILDING IS HUNDREDS OF FEET FROM ANOTHER STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
903.2.3 - FOR GROUP E: REQUIRED FOR FIRE AREAS GREATER THAN 12,000 SQ. FT., BUILDING IS NOT SPRINKLERED, BUILDING AREA IS LESS THAN 12,000 SQ. FT.

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 75 FT. MAX. DISTANCE TO TRAVEL TO EXTINGUISHER
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 11,250 SQ. FT. MAX FLOOR AREA FOR EXTINGUISHER

CHAPTER 10 - MEANS OF EGRESS

SECTION 1004 OCCUPANT LOAD
TABLE 1004.5 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT
STORAGE, MECHANICAL 300 SQ. FT., GROSS
EDUCATION, CLASSROOM 20 SQ. FT. GROSS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3.2 - FOR OTHER EGRESS COMPONENTS: 0.15 IN. PER OCCUPANT

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2.1 - FOR SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY, SEE CODE PLAN
1006.3.2 - FOR OCCUPANT LOAD PER STORY:
CONCESSION BUILDING / LEVEL 1: 3 EXITS REQUIRED, 7 EXITS PROVIDED

SECTION 1007 - EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
107.1.1 - FOR DISTANCE BETWEEN EXITS, SEE CODE PLAN

SECTION 1010 - DOORS, GATES, AND TURNSTILES
1010.1.1 - MINIMUM EGRESS DOOR WITH OF 32"
1010.1.2.1 - EGRESS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL
1010.1.8 - DOORS IN SERIES MUST BE SEPARATED A MINIMUM OF 48 IN. PLUS THE SWING OF THE DOOR

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 - FOR GROUP E W/O SPRINKLER SYSTEM: EXIT TRAVEL DISTANCE IS 200 FT.

CHAPTER 17: SPECIAL INSPECTIONS AND TESTS

STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS REQUIRING SPECIAL INSPECTIONS PER SECTION 705 OF THE IBC HAVE NOT BEEN LISTED HERE. REFER TO STRUCTURAL/MECHANICAL/ELECTRICAL FOR SPECIAL INSPECTION REQUIREMENTS FOR THESE COMPONENTS.
ITEMS OF ARCHITECTURAL CONSTRUCTION WHICH REQUIRE SPECIAL INSPECTION INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

1705.14 SPRAYED FIRE-RESISTANT MATERIALS
1705.15 MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS
1705.16.1 WATER-RESISTIVE BARRIER COATING
1705.17 FIRE-RESISTANT PENETRATIONS AND JOINTS
1705.18 TESTING FOR SMOKE CONTROL

2021 IECC COMPLIANCE DATA

CHAPTER 3 - GENERAL REQUIREMENTS

SECTION C301.1 - GENERAL
C301.1 - CLIMATE ZONE 2A

CHAPTER 4 - COMMERCIAL ENERGY EFFICIENCY

REFER TO COMCHECK FOR COMPLIANCE

C402.3 - EITHER THREE-YEAR AGED SOLAR REFLECTANCE OF 0.55 AND 3-YEAR AGED
THERMAL EMITTANCE OF 0.75 OR THREE-YEAR AGED SOLAR REFLECTANCE INDEX OF 64.
C402.4 - FOR CLIMATE ZONE 2 AND FIXED FENESTRATION: U-FACTOR OF 0.5
C402.4 - SOLAR HEAT GAIN COEFFICIENT REQUIREMENTS

PROJECTION FACTOR	SEW	N
PF <0.2	0.25	0.33
0.2 <= PF < 0.5	0.30	0.37
PF >= 0.5	0.40	0.40

SHGC OF SPECIFIED GLAZING = 0.25
U-VALUE OF SPECIFIED GLAZING = 0.33

C402.4.1 VERTICAL FENESTRATION SHALL NOT BE GREATER THAN 30 PERCENT OF GROSS
ABOVE-GRADE WALL AREA.

LEGEND

- LONGEST EXIT ROUTE PER LEVEL
- EXIT ROUTE
- FEC — FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER
- FE — FIRE EXTINGUISHER - SURFACE MOUNTED

CODE REVIEW: IEBC 2021 - EXISTING BUILDING

CHAPTER 6 - REPAIRS NEW AND REPLACEMENT MATERIALS (SEC 602.2)	LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED NO DANGEROUS OR UNSAFE CONDITION, AS DEFINED IN CHAPTER 2, IS CREATED.
GENERAL ACCESSIBILITY (SEC 605.1)	REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF ACCESSIBILITY PROVIDED.
CHAPTER 7 - ALTERATIONS - LEVEL 1	
CONFORMANCE (SEC 701.2)	AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION. WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE IBC 2021.
INTERIOR FINISHES (SEC 702.2)	ALL NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE IBC 2021. NEW INTERIOR FLOOR FINISH, INCLUDING CARPET USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 AND FOR IBC 2021.
CHAPTER 8 - ALTERATIONS - LEVEL 2 COMPLIANCE (SEC 801.3)	ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE IBC 2021.
FIRE ALARM AND DETECTION (SEC 804.4)	AN APPROVED AUTOMATIC FIRE DETECTION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE AND NFPA 72.
GROUP E OCCUPANCY (SEC 804.4.1.1)	A FIRE ALARM SYSTEM SHALL BE INSTALLED IN WORK AREAS OF GROUP E AS REQUIRED BY THE INTERNATIONAL FIRE CODE.

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

3333 Hurricane Ln, Missouri City, TX 77459
HIGHTOWER HIGH SCHOOL

FBISD
INSPIRE•EQUIP•IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

G0.03-H
LEVEL 01 PLAN CONCESSIONS CODE REVIEW
HIGHTOWER HIGH SCHOOL

1/14/2026 3:57:08 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Athl/25-006_HIGHTOWER_ARCH_H_R25.rvt

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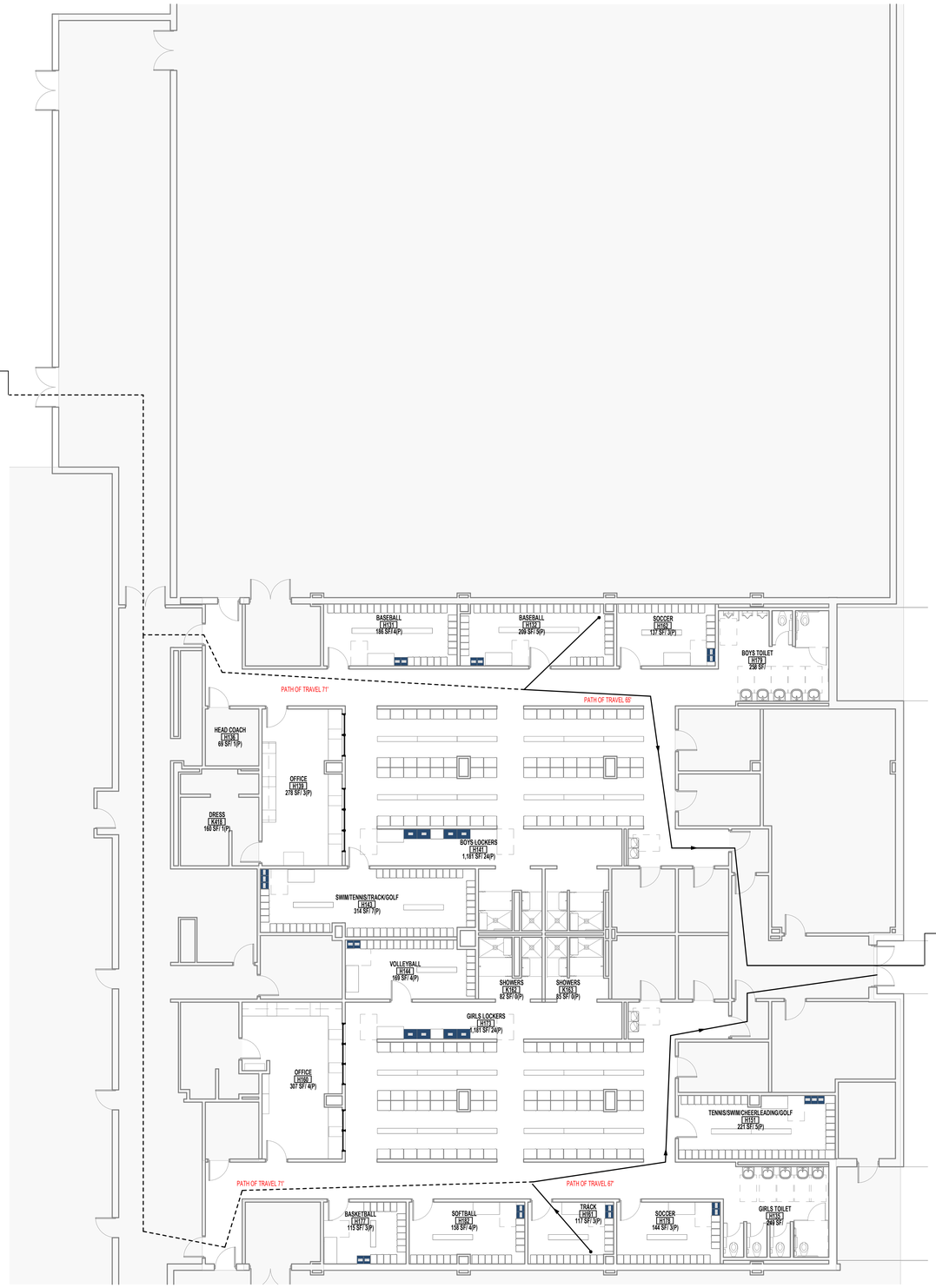
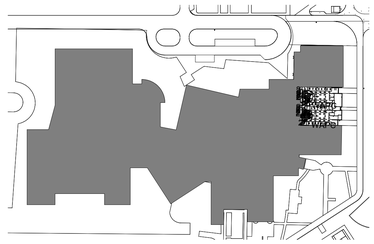


01 FLOOR PLAN GYM LOCKERS 2

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

OCCUPANCY CALC - WORKING

Number	Name	Occupancy Type (Key Schedule)	Area	IBC S.F. Per Person	Calculated Persons
H131	BASEBALL	Locker Rooms	186 SF	50	4
H132	BASEBALL	Locker Rooms	209 SF	50	5
H135	GIRLS TOILET	(none)	249 SF		
H136	HEAD COACH	Buisness areas	69 SF	100	1
H139	OFFICE	Buisness areas	278 SF	100	3
H141	BOYS LOCKERS	Locker Rooms	1,181 SF	50	24
H143	SWIM/TENNIS/TRACK/GOLF	Locker Rooms	314 SF	50	7
H144	VOLLEYBALL	Locker Rooms	169 SF	50	4
H145	SHOWERS	(none)	82 SF	50	2
H146	SHOWERS	(none)	85 SF	50	2
H151	TENNIS/SWIM/CHEER/LEADING/GOLF	Locker Rooms	221 SF	50	5
H160	OFFICE	Buisness areas	307 SF	100	4
H161	TRACK	Locker Rooms	117 SF	50	3
H162	SOCCER	Locker Rooms	137 SF	50	3
H173	GIRLS LOCKERS	Locker Rooms	1,181 SF	50	24
H177	BASKETBALL	Locker Rooms	115 SF	50	3
H178	SOCCER	Locker Rooms	144 SF	50	3
H179	BOYS TOILET	(none)	258 SF		
H182	SOFTBALL	Locker Rooms	158 SF	50	4
Grand Total: 69					



GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND ILLUMINATED EXIT SIGNS.
2. REFER TO A0.01 FOR COMPOSITION OF RATED PARTITIONS.
3. REFER TO A8.00 FOR DOOR SCHEDULE IDENTIFYING FIRE RATING RATINGS
4. IF AN OPENING OCCURS IN A RATED WALL, REFER TO THE SPECIFICATIONS FOR REQUIREMENTS.
5. FIRE SPRINKLER SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE SPRINKLER SYSTEM
6. FIRE ALARM SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE ALARM SYSTEM. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARD 14 AND THE COUNTY FIRE MARSHALL.
7. ALL EXITS SHALL COMPLY WITH ACCESSIBLE STANDARDS AND DISCHARGE TO A PAVED PUBLIC WAY, OR A PAVED SIDEWALK WHICH LEADS TO A PUBLIC WAY.
8. BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE COUNTY FIRE CODE AND REFERENCED DOCUMENTS.

APPLICABLE CODES

2021 IBC INTERNATIONAL BUILDING CODE
2021 IMC INTERNATIONAL MECHANICAL CODE
2021 IPC INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2021 INTERNATIONAL EXISTING BUILDING CODE
2023 NATIONAL ELECTRICAL CODE
TAS TEXAS ACCESSIBILITY STANDARDS (ADOPTED MARCH 2012)

2021 IBC COMPLIANCE DATA

CHAPTER 2 - DEFINITIONS
GRADE PLANE: A REFERENCE PLANE REPRESENTING THE AVERAGE OF FINISHED GROUND LEVEL ADJOINING THE BUILDING AT EXTERIOR WALLS. WHERE THE FINISHED GROUND LEVEL SLOPES AWAY FROM THE EXTERIOR WALLS, THE REFERENCE PLANE SHALL BE ESTABLISHED BY THE LOWEST POINTS WITHIN THE AREA BETWEEN THE BUILDING AND THE LOT LINE OR, WHERE THE LOT LINE IS MORE THAN 6 FEET (1829 MM) FROM THE BUILDING, BETWEEN THE BUILDING AND A POINT 6 FEET (1829 MM) FROM THE BUILDING.
GRADE PLANE = -7' BELOW PROJECT "0'-0" ELEVATION"

STORY ABOVE GRADE PLANE: ANY STORY HAVING ITS FINISHED FLOOR SURFACE ENTIRELY ABOVE GRADE PLANE, OR IN WHICH THE FINISHED SURFACE OF THE FLOOR NEXT ABOVE IS: 1. MORE THAN 6 FEET (1829 MM) ABOVE GRADE PLANE; OR 2. MORE THAN 12 FEET (3658 MM) ABOVE THE FINISHED GROUND LEVEL AT ANY POINT.

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 - EDUCATIONAL GROUP E

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS
TABLE 504.3 & 504.4 & 506.2
EXISTING GROUP E, TYPE I, SPRINKLED:
BUILDING HEIGHT: 180' ALLOWED; **15' ACTUAL (ABOVE GRADE PLANE)**
BUILDING STORIES: 2 STORIES ALLOWED; **1 STORIES ACTUAL**

TOTAL SF EXISTING: 350,000 SQUARE FEET
RENOVATED AREA: 5,460 SQUARE FEET

SECTION 508 - INCIDENTAL USES
508.4 - NO SEPARATION BETWEEN GROUP E OCCUPANCIES

TABLE 509 - MIXED USE AND OCCUPANCY
ELECTRICAL INSTALLATIONS AND TRANSFORMERS (SEE SECTIONS 110.26 THROUGH 110.34 AND SECTIONS 450.8 THROUGH 450.48 OF NFPA 70 FOR PROTECTION AND SEPARATION REQUIREMENTS.

CHAPTER 6 - TYPES OF CONSTRUCTION

SECTION 601 - GENERAL
601 - FOR CONSTRUCTION TYPE : 2 HOUR FIRE-RESISTANCE RATING REQUIREMENT FOR BUILDING ELEMENTS
NOTE: ELEMENTS INCLUDE PRIMARY STRUCTURAL FRAME, EXTERIOR AND INTERIOR WALLS, FLOOR AND ROOF CONSTRUCTION

SECTION 602 - CONSTRUCTION CLASSIFICATION
602 - FOR CONSTRUCTION TYPE I B: 0 HOUR FIRE RESISTANCE RATING FOR EXTERIOR WALLS IF < 10 FT. FROM OTHER STRUCTURES, ELSE 0

CHAPTER 6 – TYPES OF CONSTRUCTION
CONSTRUCTION TYPE I B - PER TABLES 601 & 602:
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS: NO RATING REQUIRED FOR ANY BUILDING ELEMENT LISTED: PRIMARY STRUCTURE, BEARING & NONBEARING WALLS/ PARTITIONS (INTERIOR & EXTERIOR), FLOOR CONSTRUCTION AND SECONDARY MEMBERS, ROOF CONSTRUCTION AND SECONDARY MEMBERS

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

SECTION 705 - EXTERIOR WALLS
705.2 - PROJECTION SEPARATION DISTANCE FROM FSD LINE FOR FSD OF 30 FT: 20 FT. MINIMUM / **30 FT. ACTUAL**
705.2.1 - PROJECTIONS FROM TYPE II CONSTRUCTION SHALL BE OF NON-COMBUSTIBLE MATERIALS
705.8.1 - EXCEPTION 1: BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS, AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

SECTION 706 - FIRE WALL - N/A

SECTION 707 - FIRE BARRIERS - N/A

SECTION 713 - SHAFT ENCLOSURES (ELEVATOR SHAFT) - N/A

TABLE 716.5 - OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: 1 HOUR IF <30 FT FROM OTHER STRUCTURES; NO RATING REQUIRED IF >30 FT FROM OTHER STRUCTURES; BUILDING IS HUNDREDS OF FEET FROM ANOTHER STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
903.2.3 - FOR GROUP E: REQUIRED FOR FIRE AREAS GREATER THAN 12,000 SQ. FT., BUILDING IS NOT SPRINKLERED, BUILDING AREA IS LESS THAN 12,000 SQ. FT.

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 75 FT. MAX. DISTANCE TO TRAVEL TO EXTINGUISHER
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 11,250 SQ. FT. MAX FLOOR AREA FOR EXTINGUISHER

CHAPTER 10 - MEANS OF EGRESS

SECTION 1004 OCCUPANT LOAD
TABLE 1004.5 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT
STORAGE, MECHANICAL 300 SQ. FT., GROSS
EDUCATION, CLASSROOM 20 SQ. FT. GROSS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3.2 - FOR OTHER EGRESS COMPONENTS: 0.15 IN. PER OCCUPANT

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2.1 - FOR SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY, SEE CODE PLAN
1006.3.2 - FOR OCCUPANT LOAD PER STORY:
CONCESSION BUILDING / LEVEL 1: 3 EXITS REQUIRED, 7 EXITS PROVIDED

SECTION 1007 - EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
107.1.1 - FOR DISTANCE BETWEEN EXITS, SEE CODE PLAN

SECTION 1010 - DOORS, GATES, AND TURNSTILES
1010.1.1 - MINIMUM EGRESS DOOR WITH OF 32"
1010.1.2.1 - EGRESS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL
1010.1.8 - DOORS IN SERIES MUST BE SEPARATED A MINIMUM OF 48 IN. PLUS THE SWING OF THE DOOR

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 - FOR GROUP E W/O SPRINKLER SYSTEM: EXIT TRAVEL DISTANCE IS 200 FT.

CHAPTER 17: SPECIAL INSPECTIONS AND TESTS

STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS REQUIRING SPECIAL INSPECTIONS PER SECTION 705 OF THE IBC HAVE NOT BEEN LISTED HERE. REFER TO STRUCTURAL/MECHANICAL/ELECTRICAL FOR SPECIAL INSPECTION REQUIREMENTS FOR THESE COMPONENTS.
ITEMS OF ARCHITECTURAL CONSTRUCTION WHICH REQUIRE SPECIAL INSPECTION INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

1705.14 SPRAYED FIRE-RESISTANT MATERIALS
1705.15 MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS
1705.16.1 WATER-RESISTIVE BARRIER COATING
1705.17 FIRE-RESISTANT PENETRATIONS AND JOINTS
1705.18 TESTING FOR SMOKE CONTROL

2021 IECC COMPLIANCE DATA

CHAPTER 3 - GENERAL REQUIREMENTS

SECTION C301.1 - GENERAL
C301.1 - CLIMATE ZONE 2A

CHAPTER 4 - COMMERCIAL ENERGY EFFICIENCY

REFER TO COMCHECK FOR COMPLIANCE

C402.3 - EITHER THREE-YEAR AGED SOLAR REFLECTANCE OF 0.55 AND 3-YEAR AGED
THERMAL EMITTANCE OF 0.75 OR THREE-YEAR AGED SOLAR REFLECTANCE INDEX OF 64.
C402.4 - FOR CLIMATE ZONE 2 AND FIXED FENESTRATION: U-FACTOR OF 0.5
C402.4 - SOLAR HEAT GAIN COEFFICIENT REQUIREMENTS

PROJECTION FACTOR	SEW	N
PF <0.2	0.25	0.33
0.2 <= PF < 0.5	0.30	0.37
PF >= 0.5	0.40	0.40

SHGC OF SPECIFIED GLAZING = 0.25
U-VALUE OF SPECIFIED GLAZING = 0.33

C402.4.1 VERTICAL FENESTRATION SHALL NOT BE GREATER THAN 30 PERCENT OF GROSS
ABOVE-GRADE WALL AREA.

LEGEND

- LONGEST EXIT ROUTE PER LEVEL
- EXIT ROUTE
- FEC — FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER
- FE — FIRE EXTINGUISHER - SURFACE MOUNTED

CODE REVIEW: IEBC 2021 - EXISTING BUILDING

CHAPTER 6 - REPAIRS	
NEW AND REPLACEMENT MATERIALS (SEC 602.2)	LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED NO DANGEROUS OR UNSAFE CONDITION, AS DEFINED IN CHAPTER 2, IS CREATED.
GENERAL ACCESSIBILITY (SEC 605.1)	REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF ACCESSIBILITY PROVIDED.
CHAPTER 7 - ALTERATIONS - LEVEL 1	
CONFORMANCE (SEC 701.2)	AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION. WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE IBC 2021.
INTERIOR FINISHES (SEC 702.2)	ALL NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE IBC 2021. NEW INTERIOR FLOOR FINISH, INCLUDING CARPET USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 AND FOR IBC 2021.
CHAPTER 8 - ALTERATIONS - LEVEL 2	
COMPLIANCE (SEC 801.3)	ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE IBC 2021.
FIRE ALARM AND DETECTION (SEC 804.4)	AN APPROVED AUTOMATIC FIRE DETECTION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE AND NFPA 72.
GROUP E OCCUPANCY (SEC 804.4.1.1)	A FIRE ALARM SYSTEM SHALL BE INSTALLED IN WORK AREAS OF GROUP E AS REQUIRED BY THE INTERNATIONAL FIRE CODE.

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

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HIGHTOWER HIGH SCHOOL

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16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

No.	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

G0.04-H
LEVEL 01 PLAN GYM LOCKERS CODE REVIEW

HIGHTOWER HIGH SCHOOL

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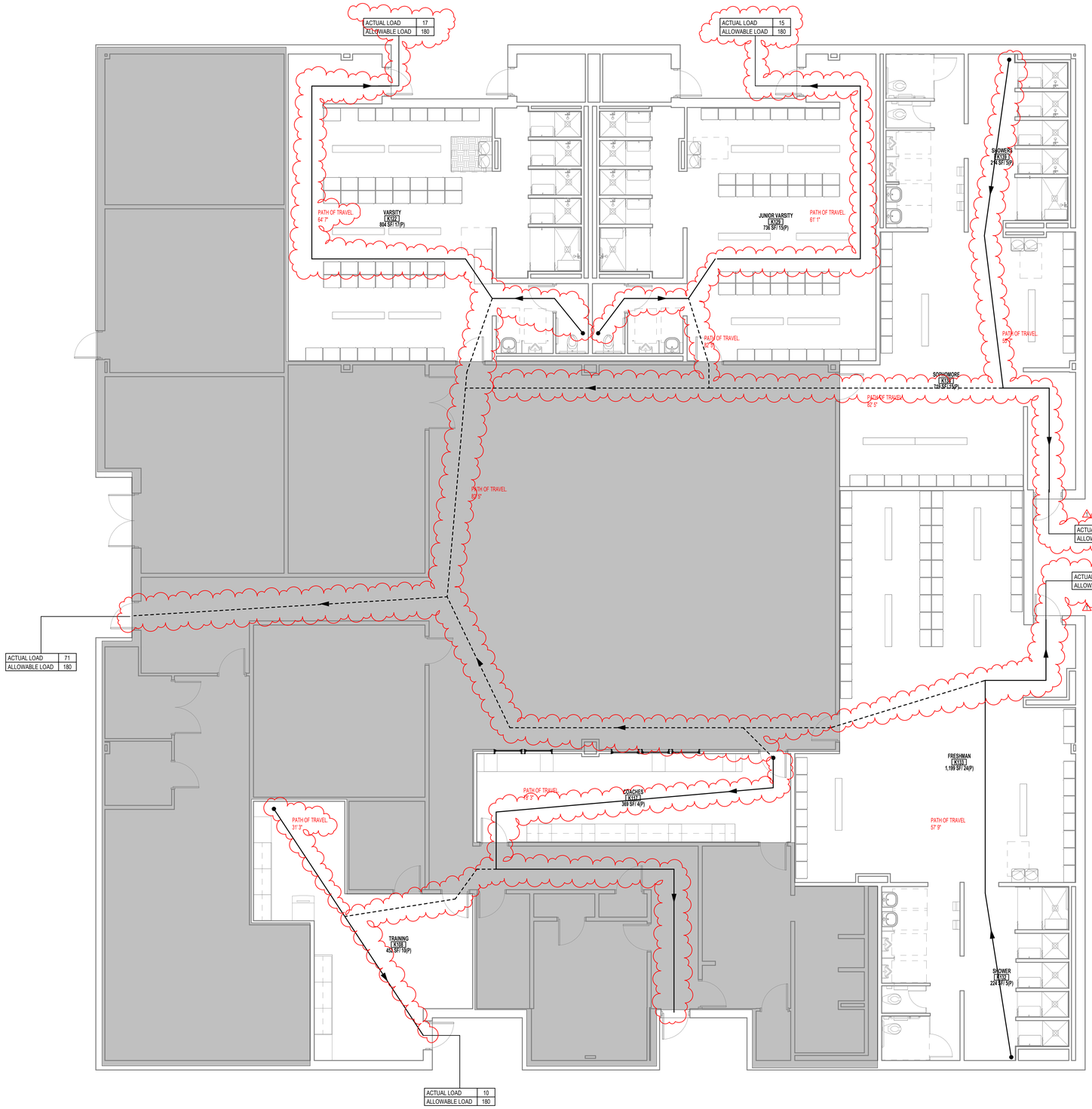

FLOORPLAN FIELD HOUSE PLAN CODE REVIEW 2

SCALE: 3/16" = 1'-0"

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND ILLUMINATED EXIT SIGNS.
2. REFER TO A0.01 FOR COMPOSITION OF RATED PARTITIONS.
3. REFER TO A8.00 FOR DOOR SCHEDULE IDENTIFYING FIRE RATING RATINGS
4. IF AN OPENING OCCURS IN A RATED WALL, REFER TO THE SPECIFICATIONS FOR REQUIREMENTS.
5. FIRE SPRINKLER SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE SPRINKLER SYSTEM
6. FIRE ALARM SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE ALARM SYSTEM. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARD 14 AND THE COUNTY FIRE MARSHALL.
7. ALL EXITS SHALL COMPLY WITH ACCESSIBLE STANDARDS AND DISCHARGE TO A PAVED PUBLIC WAY, OR A PAVED SIDEWALK WHICH LEADS TO A PUBLIC WAY.
8. BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE COUNTY FIRE CODE AND REFERENCED DOCUMENTS.

APPLICABLE CODES

2021 IBC INTERNATIONAL BUILDING CODE
2021 IMC INTERNATIONAL MECHANICAL CODE
2021 IPC INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2021 INTERNATIONAL EXISTING BUILDING CODE
2023 NATIONAL ELECTRICAL CODE
TAS TEXAS ACCESSIBILITY STANDARDS (ADOPTED MARCH 2012)

2021 IBC COMPLIANCE DATA

CHAPTER 2 - DEFINITIONS
GRADE PLANE: A REFERENCE PLANE REPRESENTING THE AVERAGE OF FINISHED GROUND LEVEL ADJOINING THE BUILDING AT EXTERIOR WALLS. WHERE THE FINISHED GROUND LEVEL SLOPES AWAY FROM THE EXTERIOR WALLS, THE REFERENCE PLANE SHALL BE ESTABLISHED BY THE LOWEST POINTS WITHIN THE AREA BETWEEN THE BUILDING AND THE LOT LINE OR, WHERE THE LOT LINE IS MORE THAN 6 FEET (1829 MM) FROM THE BUILDING, BETWEEN THE BUILDING AND A POINT 6 FEET (1829 MM) FROM THE BUILDING.
GRADE PLANE = -7' BELOW PROJECT "0'-0" ELEVATION"

STORY ABOVE GRADE PLANE: ANY STORY HAVING ITS FINISHED FLOOR SURFACE ENTIRELY ABOVE GRADE PLANE, OR IN WHICH THE FINISHED SURFACE OF THE FLOOR NEXT ABOVE IS: 1. MORE THAN 6 FEET (1829 MM) ABOVE GRADE PLANE; OR 2. MORE THAN 12 FEET (3658 MM) ABOVE THE FINISHED GROUND LEVEL AT ANY POINT.

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 - EDUCATIONAL GROUP E

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS - NEW CONCESSION BUILDING
TABLE 504.3, 5, 504.4, & 506.2
EXISTING GROUP E, TYPE II, SPRINKLED:
BUILDING HEIGHT: 55' ALLOWED; **25' ACTUAL (ABOVE GRADE PLANE)**
BUILDING STORIES: 2 STORIES ALLOWED; **1 STORIES ACTUAL**
BUILDING AREA: **12,004** SQUARE FEET PER STORY

TOTAL SF BUILDING: 4,393 SQUARE FEET

SECTION 508 - INCIDENTAL USES
508.4 - NO SEPARATION BETWEEN GROUP E OCCUPANCIES

TABLE 509 - MIXED USE AND OCCUPANCY
ELECTRICAL INSTALLATIONS AND TRANSFORMERS (SEE SECTIONS 110.26 THROUGH 110.34 AND SECTIONS 450.8 THROUGH 450.48 OF NFPA 70 FOR PROTECTION AND SEPARATION REQUIREMENTS.

CHAPTER 6 - TYPES OF CONSTRUCTION

SECTION 601 - GENERAL
601 - FOR CONSTRUCTION TYPE II B: 0 HOUR FIRE-RESISTANCE RATING REQUIREMENT FOR BUILDING ELEMENTS
NOTE: ELEMENTS INCLUDE PRIMARY STRUCTURAL FRAME, EXTERIOR AND INTERIOR WALLS, FLOOR AND ROOF CONSTRUCTION

SECTION 602 - CONSTRUCTION CLASSIFICATION
602 - FOR CONSTRUCTION TYPE II B: 0 HOUR FIRE RESISTANCE RATING FOR EXTERIOR WALLS IF < 10 FT. FROM OTHER STRUCTURES, ELSE 0

CHAPTER 8 - TYPES OF CONSTRUCTION
CONSTRUCTION TYPE II B - PER TABLES 601 & 602:
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS: NO RATING REQUIRED FOR ANY BUILDING ELEMENT LISTED: PRIMARY STRUCTURE, BEARING & NONBEARING WALLS/ PARTITIONS (INTERIOR & EXTERIOR), FLOOR CONSTRUCTION AND SECONDARY MEMBERS, ROOF CONSTRUCTION AND SECONDARY MEMBERS

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

SECTION 705 - EXTERIOR WALLS
705.2 - PROJECTION SEPARATION DISTANCE FROM FSD LINE FOR FSD OF 30 FT: 20 FT. MINIMUM / **30 FT. ACTUAL**
705.2.1 - PROJECTIONS FROM TYPE II CONSTRUCTION SHALL BE OF NON-COMBUSTIBLE MATERIALS
705.8.1 - EXCEPTION 1: BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS, AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

SECTION 706 - FIRE WALL - N/A

SECTION 707 - FIRE BARRIERS - N/A

SECTION 713 - SHAFT ENCLOSURES (ELEVATOR SHAFT) - N/A

TABLE 716.5 - OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: 1 HOUR IF <30 FT FROM OTHER STRUCTURES; NO RATING REQUIRED IF >30 FT FROM OTHER STRUCTURES; BUILDING IS HUNDREDS OF FEET FROM ANOTHER STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
903.2.3 - FOR GROUP E: REQUIRED FOR FIRE AREAS GREATER THAN 12,000 SQ. FT., BUILDING IS NOT SPRINKLERED, BUILDING AREA IS LESS THAN 12,000 SQ. FT.

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 75 FT. MAX. DISTANCE TO TRAVEL TO EXTINGUISHER
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 11,250 SQ. FT. MAX FLOOR AREA FOR EXTINGUISHER

CHAPTER 10 - MEANS OF EGRESS

SECTION 1004 OCCUPANT LOAD
TABLE 1004.5 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

STORAGE, MECHANICAL	300 SQ. FT., GROSS
EDUCATION, CLASSROOM	20 SQ. FT. GROSS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3.2 - FOR OTHER EGRESS COMPONENTS: 0.15 IN. PER OCCUPANT.

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2.1 - FOR SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY, SEE CODE PLAN
1006.3.2 - FOR OCCUPANT LOAD PER STORY:
CONCESSION BUILDING / LEVEL 1: 3 EXITS REQUIRED, 7 EXITS PROVIDED

SECTION 1007 - EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
107.1.1 - FOR DISTANCE BETWEEN EXITS, SEE CODE PLAN

SECTION 1010 - DOORS, GATES, AND TURNSTILES
1010.1.1 - MINIMUM EGRESS DOOR WITH OF 32"
1010.1.2.1 - EGRESS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL
1010.1.8 - DOORS IN SERIES MUST BE SEPARATED A MINIMUM OF 48 IN. PLUS THE SWING OF THE DOOR

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 - FOR GROUP E W/O SPRINKLER SYSTEM: EXIT TRAVEL DISTANCE IS 200 FT.

CHAPTER 17: SPECIAL INSPECTIONS AND TESTS

STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS REQUIRING SPECIAL INSPECTIONS PER SECTION 709 OF THE IBC HAVE NOT BEEN LISTED HERE. REFER TO STRUCTURAL/MECHANICAL/ELECTRICAL FOR SPECIAL INSPECTION REQUIREMENTS FOR THESE COMPONENTS.
ITEMS OF ARCHITECTURAL CONSTRUCTION WHICH REQUIRE SPECIAL INSPECTION INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

1705.14 SPRAYED FIRE-RESISTANT MATERIALS
1705.15 MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS
1705.16.1 WATER-RESISTIVE BARRIER COATING
1705.17 FIRE-RESISTANT PENETRATIONS AND JOINTS
1705.18 TESTING FOR SMOKE CONTROL

2021 IECC COMPLIANCE DATA

CHAPTER 3 - GENERAL REQUIREMENTS

SECTION C301.1 - GENERAL
C301.1 - CLIMATE ZONE 2A

CHAPTER 4 - COMMERCIAL ENERGY EFFICIENCY

REFER TO COMCHECK FOR COMPLIANCE

C402.3 - EITHER THREE-YEAR AGED SOLAR REFLECTANCE OF 0.55 AND 3-YEAR AGED
THERMAL EMITTANCE OF 0.75 OR THREE-YEAR AGED SOLAR REFLECTANCE INDEX OF 64.
C402.4 - FOR CLIMATE ZONE 2 AND FIXED FENESTRATION: U-FACTOR OF 0.5
C402.4 - SOLAR HEAT GAIN COEFFICIENT REQUIREMENTS

PROJECTION FACTOR	SEW	N
PF <0.2	0.25	0.33
0.2 <= PF < 0.5	0.30	0.37
PF >= 0.5	0.40	0.40

SHGC OF SPECIFIED GLAZING = 0.25
U-VALUE OF SPECIFIED GLAZING = 0.33

C402.4.1 VERTICAL FENESTRATION SHALL NOT BE GREATER THAN 30 PERCENT OF GROSS
ABOVE-GRADE WALL AREA.

LEGEND

- LONGEST EXIT ROUTE PER LEVEL
- EXIT ROUTE
- FEC — FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER
- FE — FIRE EXTINGUISHER - SURFACE MOUNTED

CODE REVIEW: IEBC 2021 - EXISTING BUILDING

CHAPTER 6 - REPAIRS	
NEW AND REPLACEMENT MATERIALS (SEC 602.2)	LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS. PROVIDED NO DANGEROUS OR UNSAFE CONDITION, AS DEFINED IN CHAPTER 2, IS CREATED.
GENERAL ACCESSIBILITY (SEC 605.1)	REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF ACCESSIBILITY PROVIDED.
CHAPTER 7 - ALTERATIONS - LEVEL 1	
CONFORMANCE (SEC 701.2)	AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION. WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE IBC 2021.
INTERIOR FINISHES (SEC 702.2)	ALL NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE IBC 2021. NEW INTERIOR FLOOR FINISH, INCLUDING CARPET USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 AND FOR IBC 2021.
CHAPTER 8 - ALTERATIONS - LEVEL 2	
COMPLIANCE (SEC 801.3)	ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE IBC 2021.
FIRE ALARM AND DETECTION (SEC 804.4)	AN APPROVED AUTOMATIC FIRE DETECTION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE AND NFPA 72.
GROUP E OCCUPANCY (SEC 804.4.1.1)	A FIRE ALARM SYSTEM SHALL BE INSTALLED IN WORK AREAS OF GROUP E AS REQUIRED BY THE INTERNATIONAL FIRE CODE.

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

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HIGHTOWER HIGH SCHOOL

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16431 Lexington Blvd.
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REGISTERED ARCHITECT MICHAEL ADAME 30113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
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REVISIONS:

Δ	Date	Description
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G0.05-H

LEVEL 01 FIELD HOUSE CODE REVIEW

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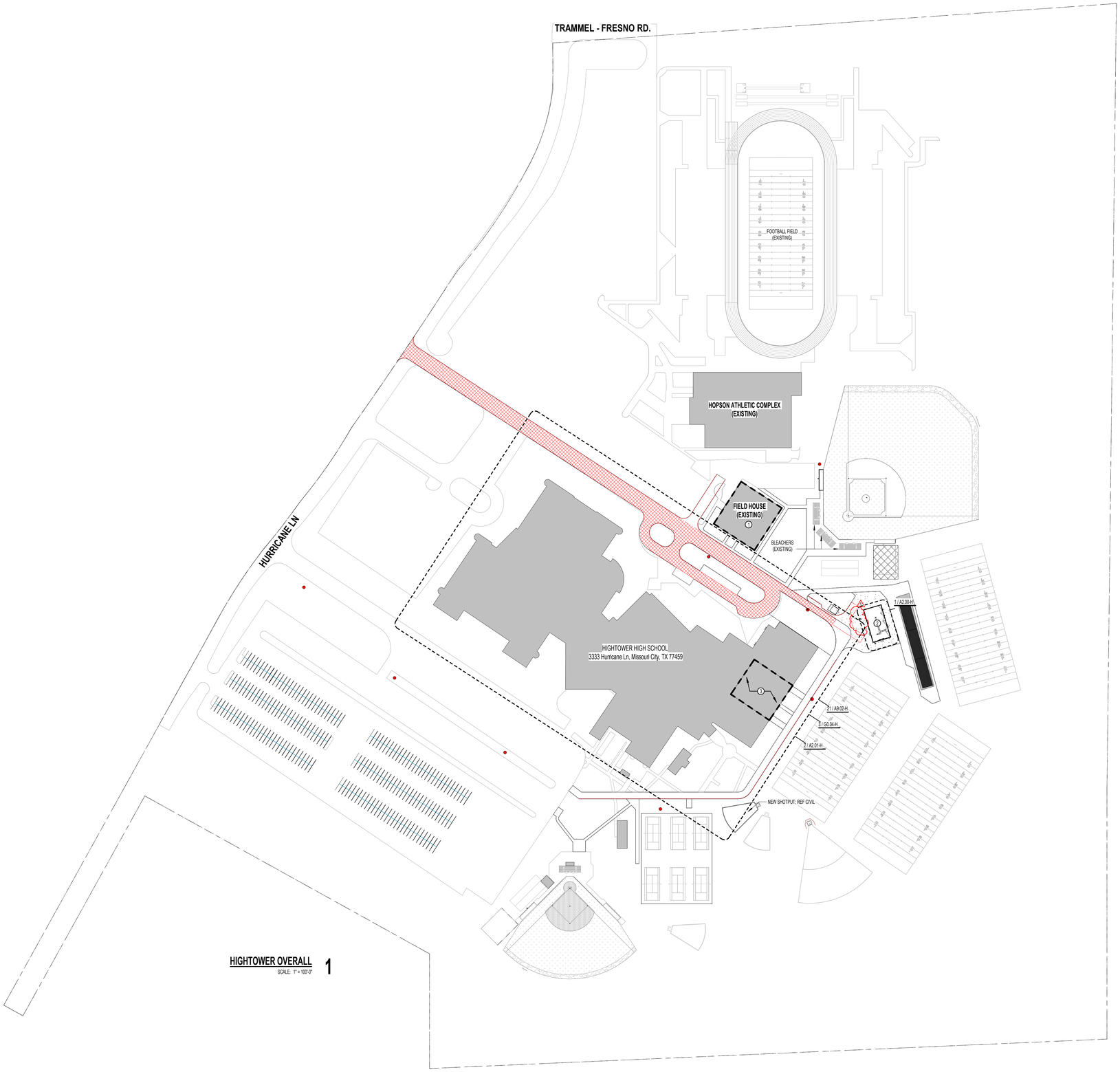


HIGHTOWER OVERALL 1
SCALE: 1" = 100'-0"

SITE PLAN GENERAL NOTES

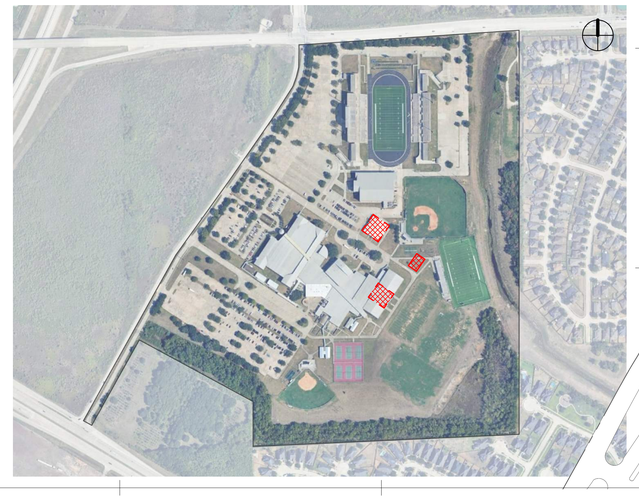
1. REFER TO SHEET A0.00-H FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET G0.01-H & G0.02-H FOR TAS REQUIREMENTS
3. RE: G0.03-H, G0.04-H, G0.05 FOR CODE PLAN
4. PROVIDE KNOX PADLOCKS AT ALL VEHICULAR GATES. PROVIDE BOLLARDS AT LATCH SIDES OF VEHICULAR GATES WHEN THEY ARE OPEN AND HASP TO LOCK OPEN GATE TO BOLLARD.
5. ALL FENCING SHALL BE VINYL COATED CHAIN LINK, 48" HIGH UNO.
6. PROVIDE 48" HIGH, 4" DIA. CONCRETE FILLED STEEL BOLLARDS SPACED 8' O.C. AROUND SIDES AND BACK OF DUMPSTER YARDS, AROUND ELECTRICAL TRANSFORMER AS REQUIRED BY ELECTRICAL PROVIDER, AND AT BOTH SIDES OF EXTERIOR ROLL-UP/GARAGE DOORS.
7. ALL DISTURBED AREAS SHALL BE FINISH GRADED, REVEGETATED, AND IRRIGATED.
8. FLAGPOLES SHALL HAVE MIN. 6' DIAMETER PAVING AROUND THEM AND A PATH TO A BUILDING ENTRANCE. PATH AND PAVING SHALL BE TAS REQUIREMENTS FOR WIDTH AND GRADING.
9. ALL RETAINING WALLS SHALL HAVE BACKSIDE WATERPROOFING AND DRAINAGE
10. ALL EXIT GATES SHALL BE PROVIDED WITH PANIC HARDWARE AND WIRED FOR CARD READERS AND ELECTRIFIED HARDWARE.
11. PROVIDE 24" CONCRETE MOW STRIP AROUND PERIMETER OF ALL BUILDINGS WHERE NO OTHER PAVING IS CALLED FOR. PROVIDE 12" MOW STRIP CENTERED ON ALL FENCING.

SITE PLAN LEGEND

- X X — VINYL COATED CHAIN LINK FENCE, 48" HIGH
- L L — VINYL COATED CHAIN LINK FENCE, 72" HIGH
- M M — BLACK WROUGHT IRON FENCE, 48" HIGH
- R R — BLACK WROUGHT IRON FENCE, 72" HIGH
- 1 / A101 SIM — BUILDING SECTION TAG
- 1 / A101 SIM — WALL SECTION TAG
- EXISTING FIRE LANE
- 21 / A101 SIM — ENLARGED CALL OUT
- FIRE HYDRANT

SITE PLAN KEYNOTES

TAG #	NOTE
1	RENNOVATE FIELDHOUSE LOCKERS
2	NEW 3,500 SQFT CONCESSION, RESTROOM, STORAGE BUILDING
3	RENOVATE LOCKER ROOMS



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A1.00-H
ARCHITECTURAL SITE PLAN

HIGHTOWER HIGH SCHOOL

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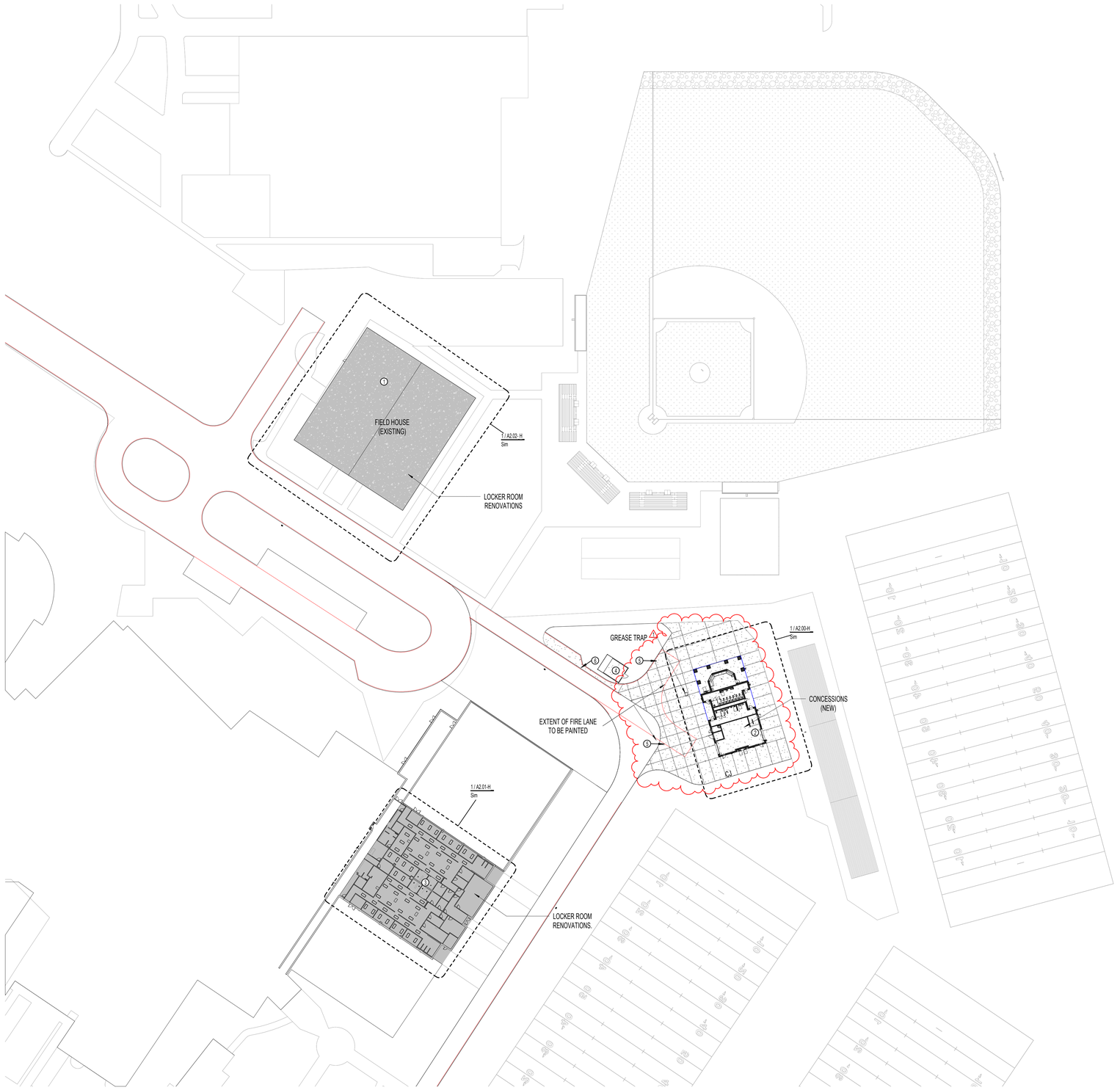

SITE PLAN GENERAL NOTES

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- 21 / A101 SIM. — ENLARGED CALL OUT
- FIRE HYDRANT

SITE PLAN KEYNOTES

TAG #	NOTE
1	RENNOVATE FIELDHOUSE LOCKERS. RENOVATE TRAINING AREA, RENOVATE SHOWERS
2	NEW 4000 SQFT CONCESSION, RESTROOM, STORAGE BUILDING
3	RENOVATE LOCKER ROOMS CEILING REPAIR, NEW LOCKERS AND BENCHES, TOILET AND SHOWER RENOVATIONS, AND NEW CASEWORK AT COACHES OFFICE
4	EXISTING PANEL YARD
5	FIRE LANE TO BE PAINTED
6	NEW CONTROL JOINTS TO ALIGN WITH EXISTING

ENLARGED SITE PLAN 1
SCALE: 1" = 40'-0"

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A1.02-H
ENLARGED SITE PLAN

HIGHTOWER HIGH SCHOOL

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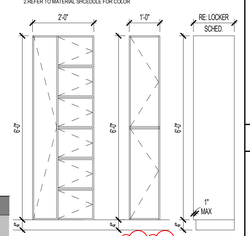
HIGHTOWER GYM 1

SCALE: 1/4" = 1'-0"

LOCKER SCHEDULE

1 PROVIDE SHOP APPLIED, BAKED EPOXY ENAMEL FINISH
2 REFER TO MATERIAL SHEDULE FOR COLOR



ROOM H141
EXISTING: 68
PROVIDED: 77
ADA REQUIRED: 4
ADA PROVIDED: 4

ROOM H173
EXISTING: 68
PROVIDED: 77
ADA REQUIRED: 4
ADA PROVIDED: 4

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

ROOM H131 BASE
EXISTING: 31
PROVIDED: 32
ADA REQUIRED: 2
ADA PROVIDED: 2

ROOM H132 BASKET
EXISTING: 36
PROVIDED: 38
ADA REQUIRED: 2
ADA PROVIDED: 2

ROOM H162 SOC
EXISTING: 20
PROVIDED: 20
ADA REQUIRED: 2
ADA PROVIDED: 2

ROOM H143 SWIM/TR
EXISTING: 52
PROVIDED: 53
ADA REQUIRED: 3
ADA PROVIDED: 3

ROOM H144 VOLL
EXISTING: 23
PROVIDED: 23
ADA REQUIRED: 2
ADA PROVIDED: 2

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

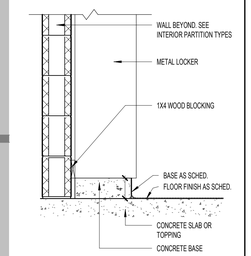
ROOM H151 SWIM
EXISTING: 43
PROVIDED: 42
ADA REQUIRED: 3
ADA PROVIDED: 3

ROOM H177 BASK
EXISTING: 19
PROVIDED: 17
ADA REQUIRED: 1
ADA PROVIDED: 1

ROOM H182 SOFT
EXISTING: 20
PROVIDED: 20
ADA REQUIRED: 1
ADA PROVIDED: 1

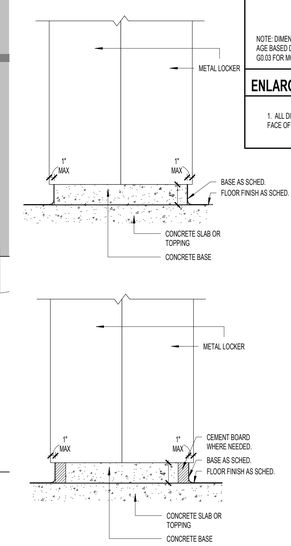
ROOM H161 TRA
EXISTING: 18
PROVIDED: 18
ADA REQUIRED: 1
ADA PROVIDED: 1

ROOM H178 SOC
EXISTING: 21
PROVIDED: 21
ADA REQUIRED: 2
ADA PROVIDED: 2

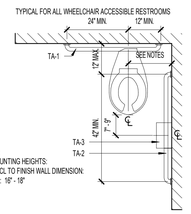


LOCKER CURB DETAIL 4

SCALE: 1" = 1'-0"

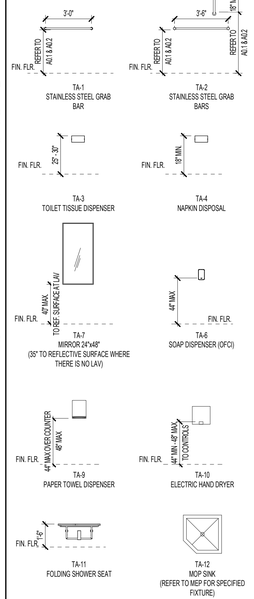


RESTROOM WHEELCHAIR ACCESS, TYPICAL



NOTES:
TAS MOUNTING HEIGHTS:
TOILET CL TO FINISH WALL DIMENSION:
- ADULT: 16" - 18"

TYPICAL MOUNTING HEIGHTS, U.N.O.



NOTE: DIMENSIONS SHOWN ARE BASED ON ADULT MOUNTING HEIGHTS. REFER TO AGE BASED DIMENSIONAL INFORMATION TABLE FOR CHILDREN LOCATED ON SHEET G0.03 FOR MOUNTING HEIGHTS FOR OTHER AGE RANGES

ENLARGED PLANS: GENERAL NOTES

1. ALL DIMENSIONS AT ENLARGED PLANS ARE TO OUTSIDE FACE OF GYP. BD. / FACE OF CMU/TILT WALL.

FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. RE: SHEET A0.30 & SPECIFICATIONS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
5. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
6. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-3" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-3" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
7. REFER TO SHEETS A3 SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
8. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- AB — COLUMN GRID
- Ref: 25 / A101 — EXTERIOR ELEVATION TAG
- 1/ A101 Ref — INTERIOR ELEVATION TAG
- SIM / A101 — BUILDING SECTION TAG
- SIM / A101 — WALL SECTION TAG
- 21 / A101 SIM — ENLARGED CALL OUT
- 101 — DOOR TAG
- AXV — PARTITION TAG
- HOLLOW METAL WINDOW TAG
- ALUMINUM WINDOW TAG
- 5' DIAMETER ADA TURN AROUND

FLOOR PLAN NOTES BY NUMBER

TAG #	NOTE
1	NEW LOCKERS AND BENCHES
2	NEW DOOR
3	RENOVATE SHOWERS
4	NEW CASEWORK AT COACHES OFFICE
5	NEW EPOXY FLOORING
6	NEW 8" CMU WALL

TOILET ROOM ACCESSORY LEGEND

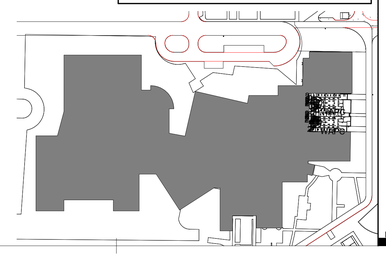
TA-1	36" STAINLESS STEEL GRAB BAR
TA-2	42" HORIZONTAL & 18" VERTICAL STAINLESS STEEL GRAB BAR
TA-3	TOILET TISSUE DISPENSER
TA-4	SANITARY NAPKIN DISPOSAL
TA-6	SOAP DISPENSER
TA-7	MIRROR 24"x48"
TA-9	PAPER TOWEL DISPENSER (OFCI)
TA-10	ELECTRIC HAND DRYER
TA-11	FOLDING SHOWER SEAT
TA-12	MOP SINK
TA-13	MOP & BROOM HOLDER
TA-14	ROBE HOOKS
TA-15	SHOWER GRAB BARS
TA-16	SHOWER CURTAIN AND ROD

GENERAL NOTES

1. REFER TO ACCESSIBILITY SHEETS FOR MINIMUM DIMENSIONS.
2. PROVIDE PIPE GUARDS AT ALL EXPOSED LAVATORY PIPES, TYP. RE: MEP
3. REFER TO A3 SHEETS FOR HANDRAIL & GUARDRAIL DETAILS

SPECIALTY EQUIPMENT

TAG	EQUIPMENT
A1	LOCKER - 24" W X 18" D X 72" H
A2	LOCKER - 24" W X 16" D X 72" H
A3	LOCKER - 24" W X 16" D X 72" H
A4	LOCKER - 12" W X 16" D X 72" H
B1	LOCKER - 24" W X 18" D X 72" H
LB-1	LOCKER BENCH - 72" L X 9 1/2" W
LB-2	LOCKER BENCH - 48" L X 9 1/2" W
LB-A1	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT WALL
LB-A2	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT BACK



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A2.01-H
01 FLOOR PLAN GYM

HIGHTOWER HIGH SCHOOL

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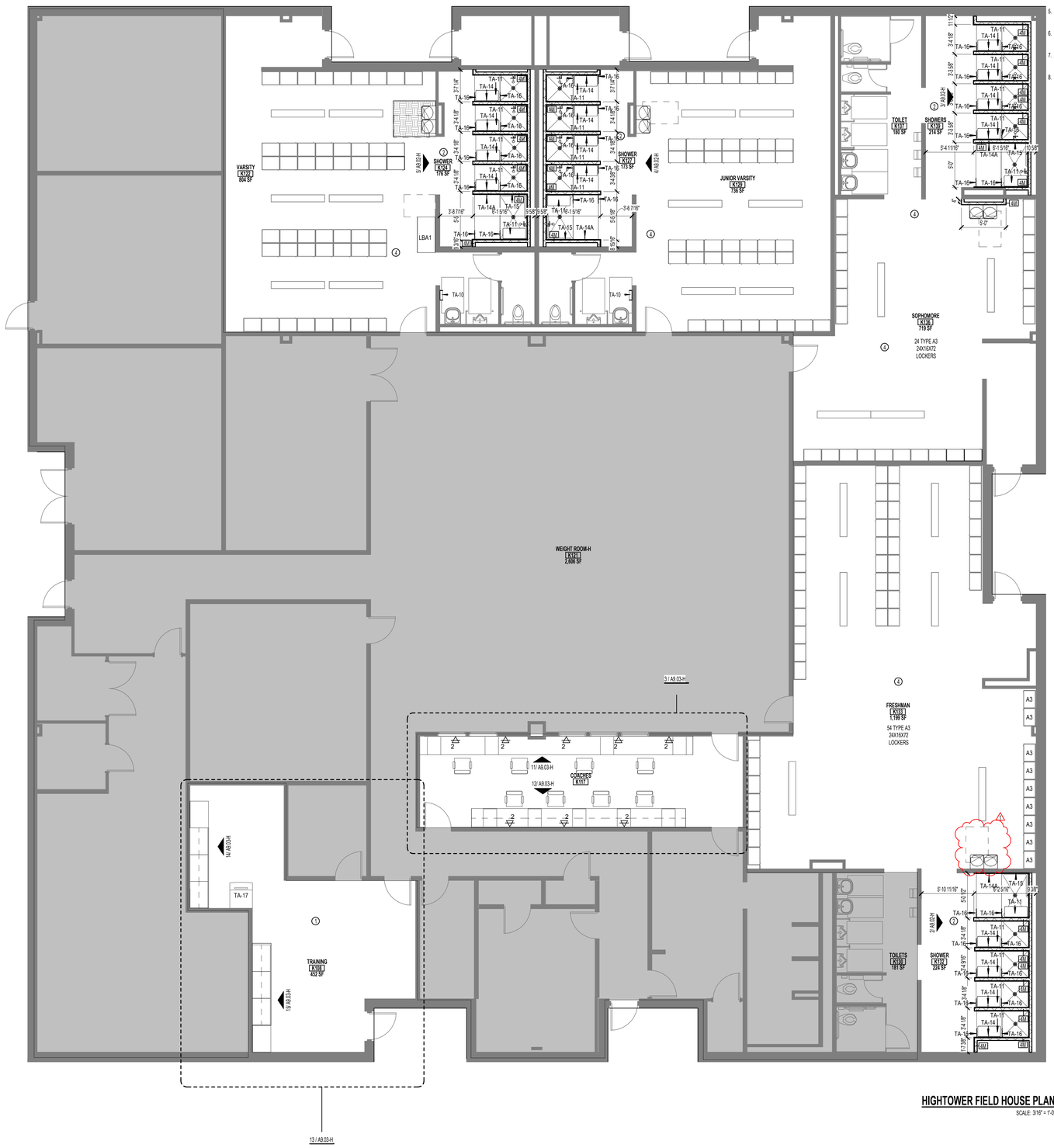

HIGHTOWER FIELD HOUSE PLAN

SCALE: 3/16" = 1'-0"

1

ADDITIONAL NOTES

1. INSTALL NEW LOCKERS ON CONCRETE BASE. INSTALL CLOSER FILLER PANELS AT END WALLS AND CORNERS. REFER TO SPEC 105113 FOR ADDITIONAL INSTALLATION INSTRUCTIONS.
2. INSTALL WALL ELECTRONIC DRINKING FOUNTAIN WITH BOTTLE FILLER PER MANUFACTURER'S INSTRUCTIONS. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPE AND CONNECT TO EXISTING UTILITIES. REFER TO ELECTRICAL DRAWINGS TO INSTALL NEW TAMPER RESISTANT RECEPTACLES. INSTALL HIGHLO RECEPTACLES AT LOCATION AS PER MANUFACTURER'S INSTRUCTIONS.
3. INSTALL RESINOUS FLOORING AND INTEGRAL COVE BASE ACCORDING TO APPROVED MOCK-UP AND MANUFACTURER'S INSTRUCTIONS. PRIOR TO INSTALLATION SHOT-BLAST EXISTING SURFACES WITH AN APPARATUS THAT ABRADES THE CONCRETE SURFACE. REPAIR DAMAGED AND DETERORATED CONCRETE ACCORDING TO RESINOUS FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROTECTING NEW FLOORING FROM CONSTRUCTION TRAFFIC.
4. INSTALL NEW TILE SHOWERS, ACCORDING TO APPROVED MOCKUPS ON EPOXY GROUT. REFER TO 093000 TILE SPEC FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND MOCKUP REQUIREMENTS.
5. INSTALL NEW 4" SLIM PROFILE SURFACE-MOUNTED AUTOMATIC HAND DRYER, ON CMU WALLS. ANCHOR DRYERS TO WALLS ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
6. INSTALL NEW ARCHITECTURAL SIGNAGE FOR ROOM IDENTIFICATION AT LOCATIONS NOTED ON DRAWINGS AND TO BE INSTALLED AT ACCESSIBLE HEIGHTS AND TO COMPLY WITH TAS 703.
7. PREPARE AND PAINT ALL LOCKER ROOM CMU WALLS WITH HIGH PERFORMANCE EPOXY WITH BLOCK FILLERS ACCORDING TO 099000 PAINTING AND COATING. REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL FINISH INFORMATION.
8. INSTALL ALL NEW CMU WALLS AT 8'-0" UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL DOCUMENTS FOR NON-LOAD BEARING WALLS BRACING AND REINFORCING STEEL. REQUEST INFORMATION FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND/OR REQUIREMENTS.

FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. RE: SHEET A0.30 & SPECIFICATIONS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
5. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
6. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-3" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-3" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
7. REFER TO SHEETS A3 SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
8. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- COLUMN GRID
- EXTERIOR ELEVATION TAG
- INTERIOR ELEVATION TAG
- BUILDING SECTION TAG
- WALL SECTION TAG
- ENLARGED CALL OUT
- DOOR TAG
- PARTITION TAG
- HOLLOW METAL WINDOW TAG
- ALUMINUM WINDOW TAG
- 5' DIAMETER ADA TURN AROUND

FLOOR PLAN NOTES BY NUMBER

TAG #	NOTE
1	RENOVATE TRAINING AREA
2	RENOVATE SHOWERS
4	NEW EPOXY FLOORING

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

3333 Hurricane Ln, Missouri City, TX 77459

HIGHTOWER HIGH SCHOOL

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Sugarland, TX 77479

REGISTERED ARCHITECT
MICHAEL ADAME
20113
STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

No.	Date	Description
1	01/14/2026	ADDENDUM #01

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A2.02- H

01 FLOOR PLAN FIELD HOUSE

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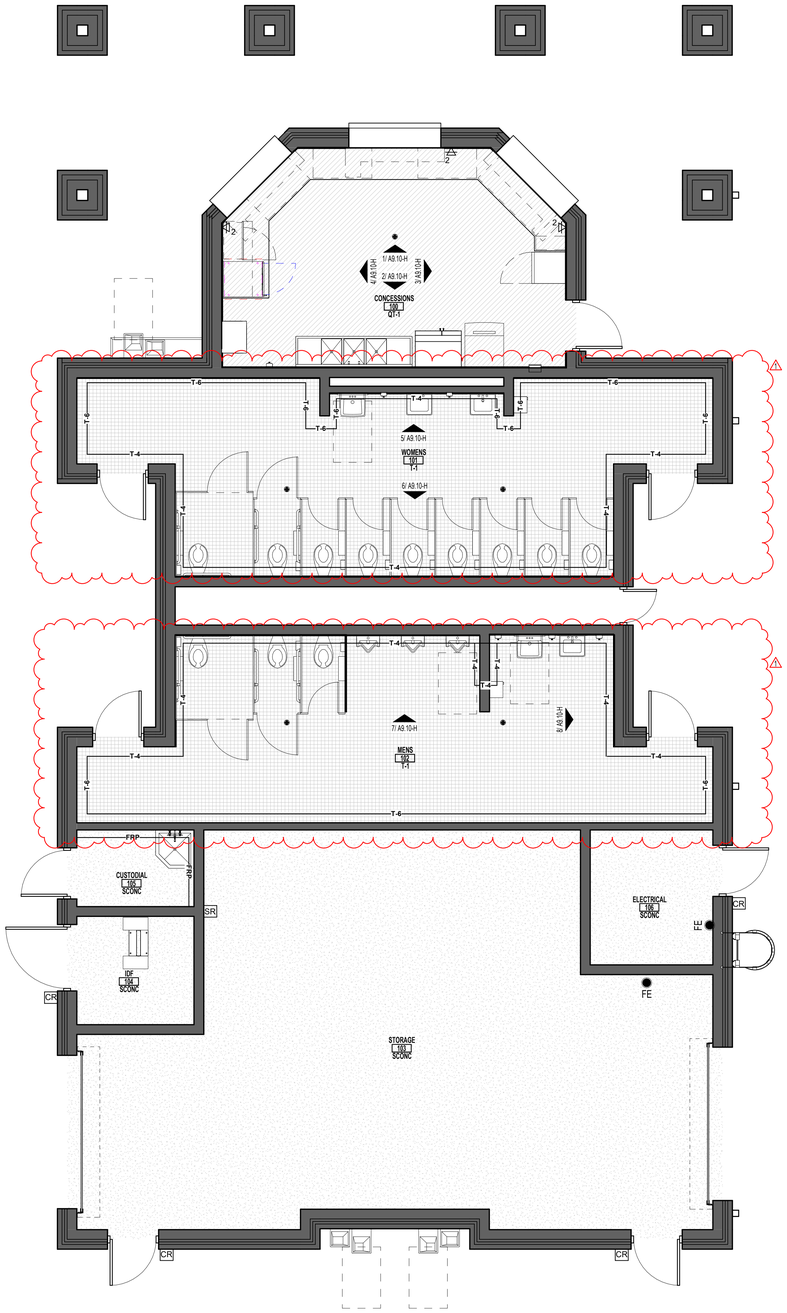

MATERIAL FINISH LEGEND

- RF-1 RESINOUS FLOOR
- QT-1 QUARRY TILE
- T-1 PORCELAIN TILE
- WF -1 WALK-OFF
- SCONC SEALED CONCRETE

PROVIDE CONTROL JOINTS (C.J.) AS SHOWN & AT COLOR CHANGES. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS

SYMBOLS

MW	MARKER WALL - DRY ERASE WALL-COVERING
CJ	CONTROL JOINT*
EJ	EXPANSION JOINT
CG	CORNER GUARD

——T-X, P-X—— WALL FINISH. REF TO MATERIAL SCHEDULE FOR FINISH TYPE MARKS

ROOM
100
PCON | SAP-1
CEILING FINISH
FLOOR FINISH

* PROVIDE CONTROL JOINTS AS SHOWN. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS. REFER TO STRUCTURAL DWGS FOR DIMENSIONS. AT COLOR TRANSITIONS, PROVIDE SCORE LINE U.N.O.

** REFER TO ROOM FINISH SCHEDULE FOR FULL LIST OF FINISH WITHIN ROOM

FLOOR TRANSITIONS

REF TO MATERIAL SCHEDULE FOR ALUMINUM TRANSITION TYPES. REF TO SPECS 093000 TILING FOR MARBLE THRESHOLDS.

01 FINISH FLOOR PLAN CONCESSIONS 1
SCALE: 1/4" = 1'-0"

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A9.00-H
01 FINISH FLOOR PLAN CONCESSION

HIGHTOWER HIGH SCHOOL

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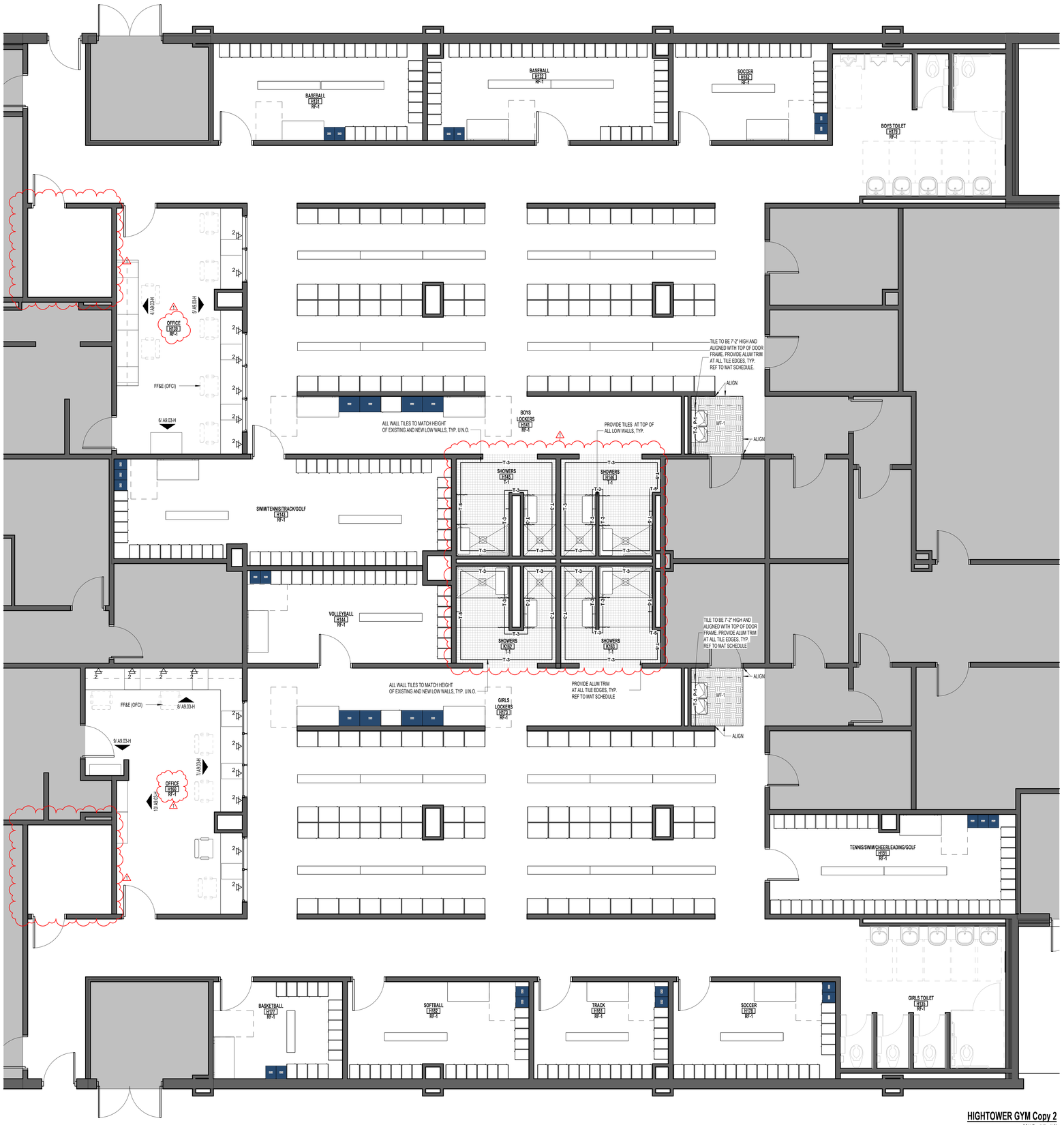

HIGHTOWER GYM Copy 2 1
SCALE: 1/4" = 1'-0"

MATERIAL FINISH LEGEND

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- QT-1 QUARRY TILE
- T-1 PORCELAIN TILE
- WF -1 WALK-OFF
- SCONC SEALED CONCRETE

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——T-X, P-X——	WALL FINISH. REF TO MATERIAL SCHEDULE FOR FINISH TYPE MARKS

ROOM
100
PCON | SAP-1
CEILING FINISH
FLOOR FINISH

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FLOOR TRANSITIONS

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A9.01-H
01 FINISH FLOOR PLAN
GYM

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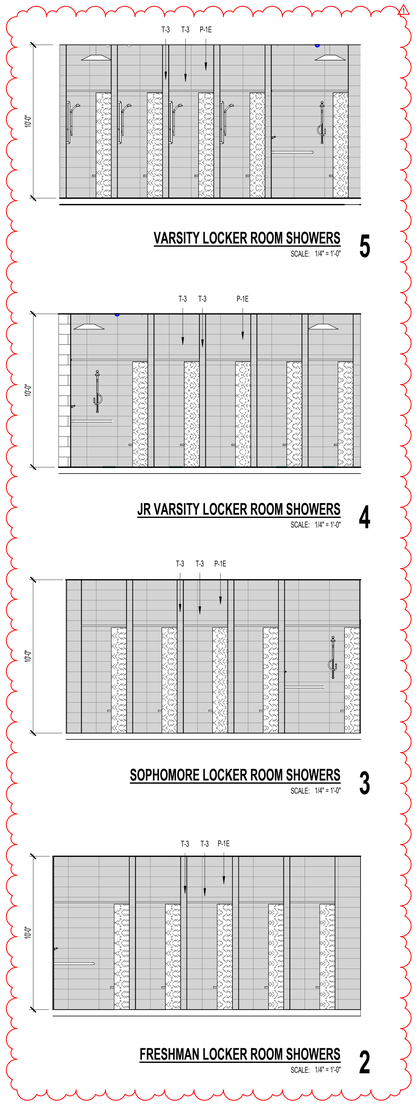

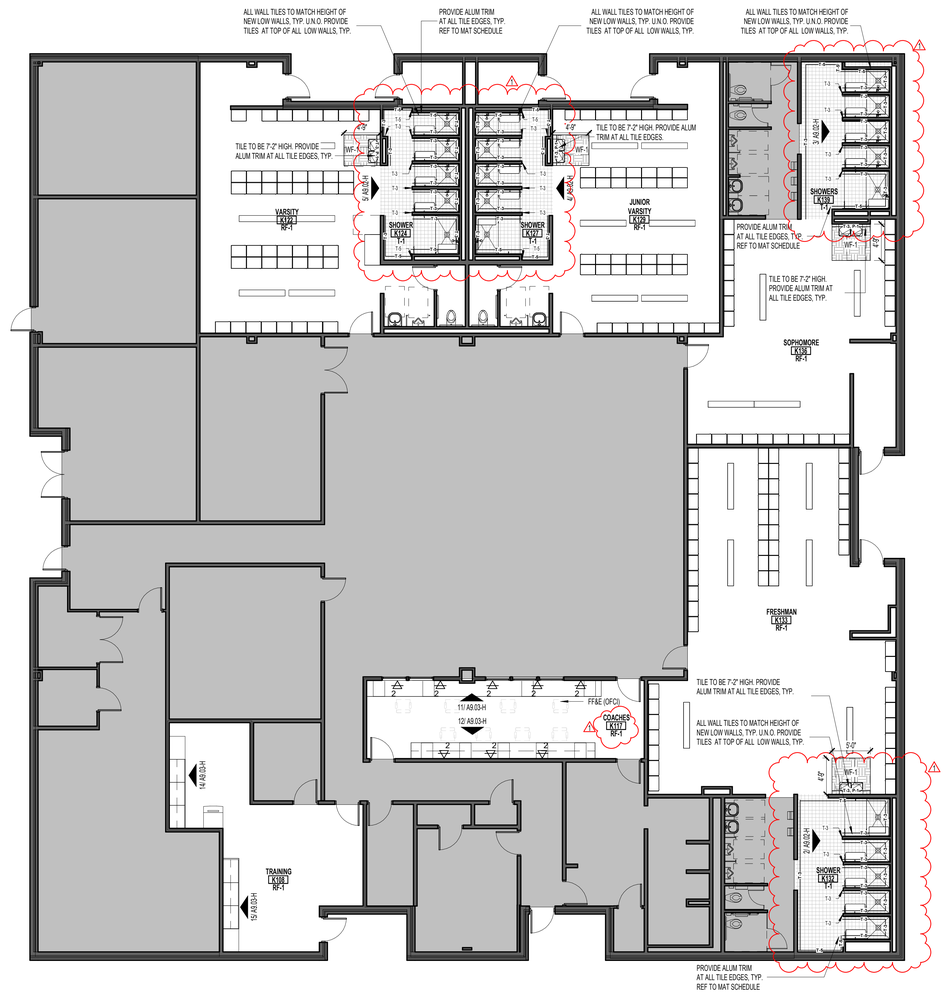

01 FINISH FLOOR PLAN FIELD HOUSE
SCALE: 1/8" = 1'-0" 1

MATERIAL FINISH LEGEND

- RF-1 RESINOUS FLOOR
- QT-1 QUARRY TILE
- T-1 PORCELAIN TILE
- WF -1 WALK-OFF
- SCONC SEALED CONCRETE

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SYMBOLS

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CJ	CONTROL JOINT*
EJ	EXPANSION JOINT
CG	CORNER GUARD
——T-X, P-X——	WALL FINISH. REF TO MATERIAL SCHEDULE FOR FINISH TYPE MARKS

ROOM
100
PCON | SAP-1
CEILING FINISH
FLOOR FINISH

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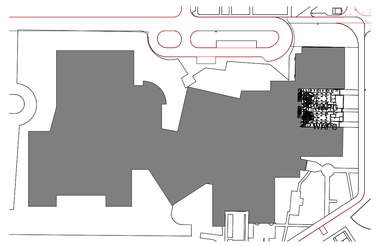

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FINISH PLAN FIELD HOUSE AND INTERIOR ELEVATIONS

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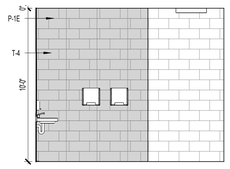
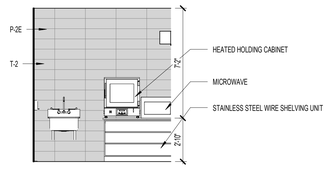
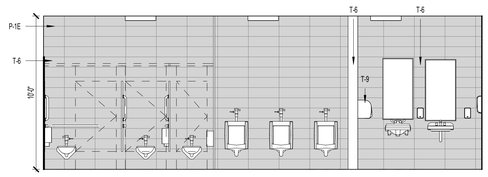


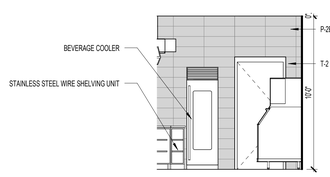
MENS RESTROOM EAST ELEVATION 8
SCALE: 1/4" = 1'-0"



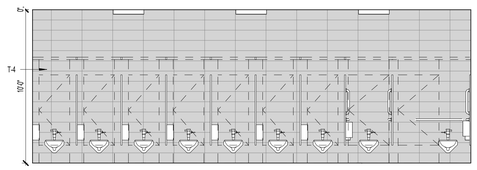
CONCESSION WEST ELEVATION 4
SCALE: 1/4" = 1'-0"



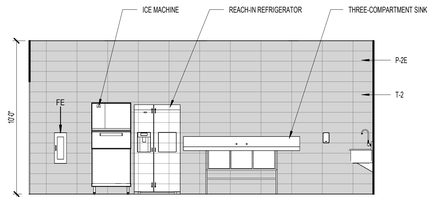
MENS RESTROOM NORTH ELEVATION 7
SCALE: 1/4" = 1'-0"



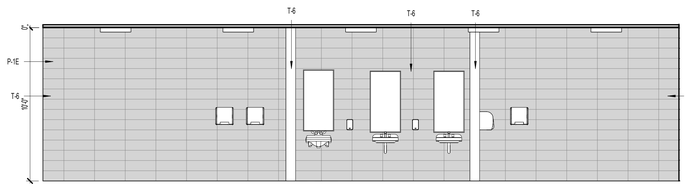
CONCESSION EAST ELEVATION 3
SCALE: 1/4" = 1'-0"



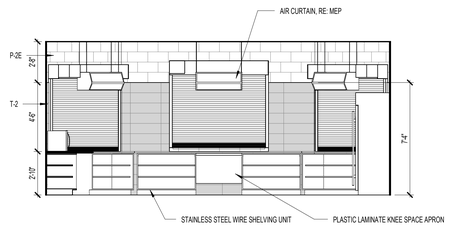
WOMENS RESTROOM SOUTH ELEVATION 6
SCALE: 1/4" = 1'-0"



CONCESSION SOUTH ELEVATION 2
SCALE: 1/4" = 1'-0"



WOMENS RESTROOM NORTH ELEVATION 5
SCALE: 1/4" = 1'-0"



CONCESSIONS NORTH ELEVATION 1
SCALE: 1/4" = 1'-0"

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HIGHTOWER HIGH SCHOOL

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REGISTERED ARCHITECT MICHAEL ADAME 30113 STATE OF TEXAS
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CONCESSION INTERIOR ELEVATIONS
HIGHTOWER HIGH SCHOOL

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ROOM FINISH SCHEDULE - FIELD HOUSE

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
K108	TRAINING	RF-1	RFB-1	P-1	P-1	P-1	P-1	
K117	COACHES	RF-1	RFB-1	P-1	P-1	P-1	P-2	
K122	LAUNDRY	RF-1	RFB-1	P-1E	P-1E	P-1E	P-1E	
K124	SHOWER	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED REF TO FINISH PLAN
K127	SHOWER	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED REF TO FINISH PLAN
K129	JUNIOR VARSITY	RF-1	RFB-1	P-1	P-1	P-1	P-1	
K132	SHOWER	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED REF TO FINISH PLAN
K133	FRESHMAN	RF-1	RFB-1	P-1	P-1	P-1	P-1	
K135	SOPHOMORE	RF-1	RFB-1	P-1	P-1	P-1	P-1	
K139	SHOWERS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED REF TO FINISH PLAN

ROOM FINISH SCHEDULE - GYM LOCKER ROOMS

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
H131	BASEBALL	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H132	BASEBALL	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H135	GIRLS TOILET	RF-1	RFB-1	P-1E	P-1E	P-1E	P-1E	
H139	GIRLS SOCCER	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H141	BOYS LOCKERS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H143	SWIMTEAM/TRACK/GOLF	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H144	WATER POLO	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H145	SHOWERS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED REF TO FINISH PLAN
H146	SHOWERS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED REF TO FINISH PLAN
H147	STRENGTH AND CONDITIONING	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H149	VOLLEYBALL	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H150	TRACK	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H152	SOCCER	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H161	GIRLS LOCKERS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H163	BASKETBALL	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H177	BOYS TOILET	RF-1	RFB-1	P-1E	P-1E	P-1E	P-1E	
H179	BOYS TOILET	RF-1	RFB-1	P-1E	P-1E	P-1E	P-1E	
K162	HOSPITAL	RF-1	XRB-1	P-1	P-1	P-1	P-1	
K162	SHOWERS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED REF TO FINISH PLAN
K163	SHOWERS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED REF TO FINISH PLAN

ROOM FINISH SCHEDULE - NEW CONCESSIONS BUILDING

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
100	CONCESSIONS	QT-1	TB-2	T-2 /*-0" ABOVE	T-2 /*-0" ABOVE	T-2 /*-0" ABOVE	T-2 /*-0" ABOVE	HORIZONTALLY STACKED
101	WOMENS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED REF TO FINISH PLAN
102	MENS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED REF TO FINISH PLAN
103	STORAGE	SCONC	RB-1	P-1	P-1	P-1	P-1	
104	ISF	SCONC	RB-1	P-1	P-1	P-1	P-1	
105	JANITORIAL	SCONC	RB-1	P-1	P-1	P-1	P-1	
106	ELECTRICAL	SCONC	RB-1	P-1	P-1	P-1	P-1	

MATERIAL SCHEDULE

MARK	MATERIAL	MANUFACTURER	STYLE	COLOR	SPECS	REMARKS
01 FLOOR FINISH						
QT-1	QUARRY TILE	AMERICAN OLEAN	QUARRY NATURALS	SHADOW GRAY	6X6, EPOXY COAT OVER	CONCESSIONS BUILDING
RF-1	RESINOUS FLOORING	STONHARD	STONSHIELD SLT	CUSTOM (GRAY BASE, SCHOOL COLOR ACCENT)		LOCKERS FLOORING
SCONC	CONCRETE					CONCESSIONS BUILDING
T-1	PORCELAIN TILE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY	2"X2" MOSAIC	SHOWERS & NEW RESTROOMS
WF-1	WALK-OFF CARPET	TARKETT	ABRASIVE ACTION II	WINTER GRAY	POWERBOND, ROLL	AT DRINKING FOUNTAINS
02 BASE						
RB-1	RUBER BASE	JOHNSONITE				
RFB-1	RESINOUS FLOORING BASE	STONHARD	STONSHIELD SLT		COVE BASE 4" HEIGHT	FIELD
TB-1	TILE BASE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY	COVE BASE	SHOWERS
TB-2	QUARRY TILE BASE	AMERICAN OLEAN				
03 WALL FINISH						
FRP	FIBERGLASS REINFORCED PANELING					AT MOP SINKS
P-1	PAINT	SHERWIN WILLIAMS		SW 7064 PASSIVE		FIELD PAINT
P-1E	EPOXY PAINT	SHERWIN WILLIAMS		MATCH P-1, U.N.O.		EPOXY PAINT AT WET AREAS
P-2	PAINT	SHERWIN WILLIAMS		SW 9068, HUNT CLUB		GREEN ACCENT, SCHOOL COLOR
P-2	PAINT	SHERWIN WILLIAMS	CMU at STORAGE	SW 7075 SASHIKO GRAY		GREEN ACCENT, SCHOOL COLOR
T-1	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	CALM MOSS	12"X24", GLOSS	NEW LOCKS
T-2	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	CALM MOSS	12"X24", GLOSS	CONCESSIONS
T-3	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	CALM MOSS	EPOXY, GLOSSY	SHOWERS, FIELD
T-4	WALL TILE	AMERICAN OLEAN	COLOR STORY FLOOR	DESIGNER WHITE 0061	12"X24, MATTE	NEW RESTROOMS, FIELD
T-5	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	CALM MOSS	12"X24", GLOSSY	NEW RESTROOMS, FIELD
T-6	WALL TILE	AMERICAN OLEAN	COLOR COMPLEMENTS	CUSTOM COLOR TO MATCH SW 6468 HUNT	12"X24, MATTE	NEW RESTROOMS, ACCENT
04 CEILING FINISH						
ACT-1	ACOUSTICAL PANEL CEILING	ARMSTRONG	FINE FISSURES, SCHOOL ZONE	WHITE	2X2 SQUARE LAY-IN	OFFICES
ACT-2	ACOUSTICAL PANEL CEILING	ARMSTRONG	CLEAN ROOM 14, NO 888	WHITE	2X2 SQUARE EDGE	CONCESSIONS BUILDING
ACT-3	ACOUSTICAL PANEL CEILING	ARMSTRONG	CLEAN ROOM 14, NO 888	WHITE	2X2 SQUARE EDGE	CONCESSIONS, FOOD PREP AREA
EXP-1				PAINTED P-1 U.N.O.	REF SPECS FOR PAINT FINISH	
GYP-1	GYPSUM BOARD CEILING			PAINTED P-1 U.N.O.		
MAS-1	METAL CEILING SYSTEM	CERTAINTEED	DEEP BOX SERIES, EXTERIOR	WHITE	8" PANELS	CONCESSION BUILDING, SOFFIT
05 TRANSITION						
LOC-1	LOCKERS	LIST INDUSTRIES		764 EVERGREEN		REF TO LOCKER SCHEDULE
BEN-1	BENCHES	LIST INDUSTRIES		GRAY TOPS, STEEL PEDESTALS		REF SPECS
PT-1	PASS-THROUGH	WILSONART		BEIGHAM TRAVERTINE	MATTE FINISH	OFFICES (BOTH)
PL-1	PLASTIC LAMINATE	WILSONART		DOVE GREY	MATTE FINISH	COUNTERTOPS
SS-1	STAINLESS STEEL COUNTER				304 SS, 16 GA. ## BRUSHED SATIN FINISH	CONCESSIONS COUNTERTOP
06 TRANSITION						
TR-1	ALUMINUM TRIM	SCHLUTER		ANODIZED	ADA COMPLIANT	RF-1 TO EXISTING
TR-2	ALUMINUM TRIM	SCHLUTER	JOLLY	ANODIZED	ADA COMPLIANT	AT TILE EDGES
TR-3	ALUMINUM TRIM	SCHLUTER	RENO-TK	ANODIZED	ADA COMPLIANT	WF TO RF-1
TR-4	ALUMINUM TRIM	SCHLUTER	HWRKU	ANODIZED	ADA COMPLIANT	RF TO LVT
07 EXTERIOR						
BR-1	BRICK	KANSAS BRICK & TILE	UTILITY	550 DARK	RUNNING BOND	
BR-2	BRICK	KANSAS BRICK & TILE	UTILITY	530 DARK	RUNNING BOND	
BR-3	BRICK	KANSAS BRICK & TILE	UTILITY	530 CHARCOAL	RUNNING BOND	
CMU-1	BURNISHED FACE	BEST BLOCK		6X8S ISLAND SAND	RUNNING BOND	EXTERIOR
CMU-2	SMOOTH FACE	BEST BLOCK		PAINTED P-1 U.N.O.	RUNNING BOND	NEW INTERIOR CMU WALLS
PM-1	PREFINISHED METAL	BERRIDGE				GUTTERS, DOWNSPOUTS, ROOF COPING & ALL EXTERIOR METAL

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

3333 Hurricane Ln, Missouri City, TX 77459

HIGHTOWER HIGH SCHOOL

REGISTERED ARCHITECT MICHAEL ADAME 26015 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO.	25.006
DATE:	12/04/2025
DRAWN BY: Author	CHECKED BY: Checker

REVISIONS

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MATERIAL SCHEDULE & ROOM FINISH SCHEDULE

HIGHTOWER HIGH SCHOOL

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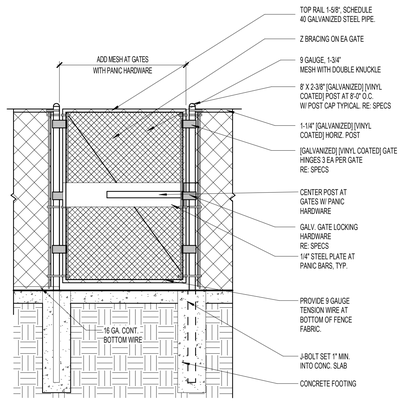
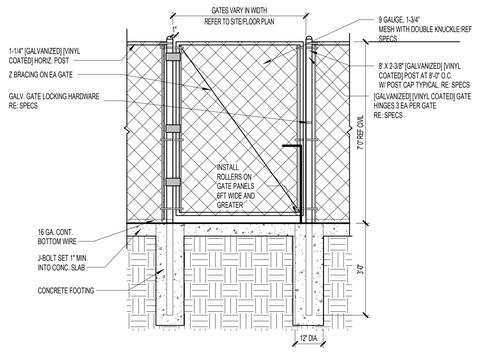
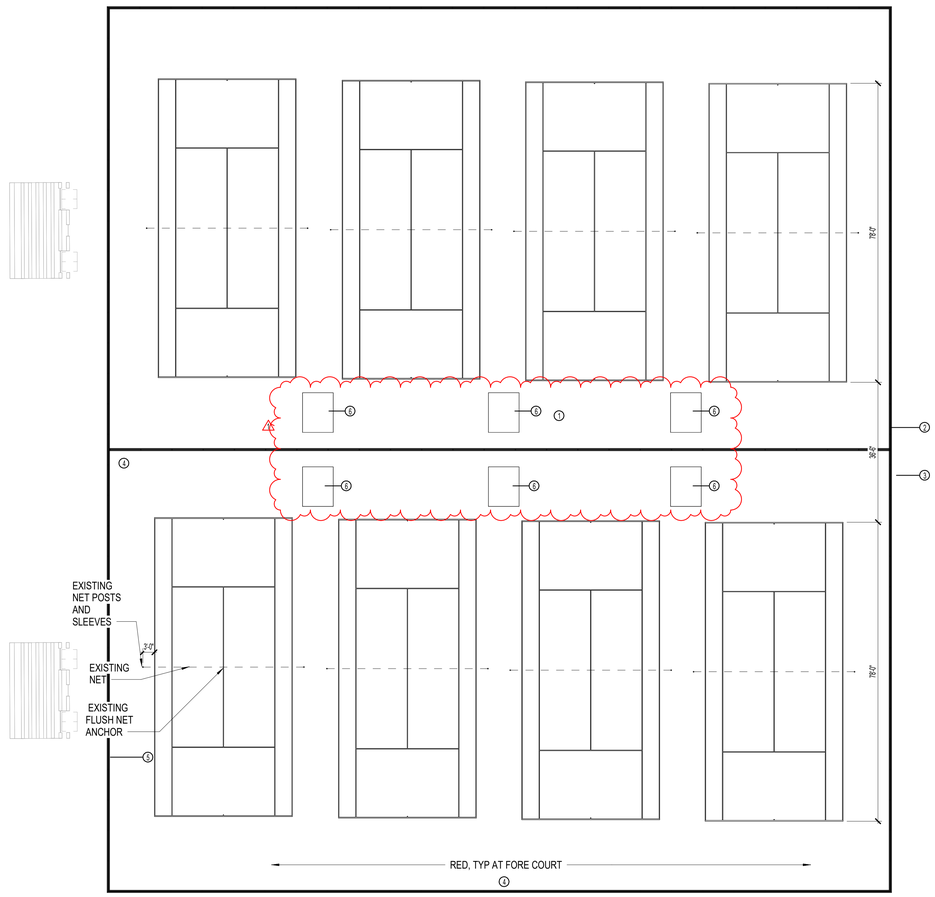


GATE PANIC HARDWARE 4
SCALE: 1/2" = 1'-0"



FENCE GATE DETAIL 2
SCALE: 1/2" = 1'-0"



TENNIS COURT PLAN 1
SCALE: 1/16" = 1'-0"

ALTERNATES:

ALTERNATE NO.5: RESURFACE TENNIS COURTS AND PROVIDE IMPROVEMENTS. RESURFACE EXISTING TENNIS COURTS AND PROVIDE IMPROVEMENTS INCLUDING NEW COURT SURFACING, NEW PERIMETER TENNIS COURT FENCE, NEW TENNIS WINDSCREEN, NEW FENCE GATES, AND NEW TENNIS BACKBOARDS; PROTECT AND REUSE EXISTING NET POSTS, SLEEVES, NETS, AND ANCHORS UNLESS NOTED OTHERWISE.

TENNIS COURT GENERAL NOTES

1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. "REMOVE", "REMOVE AND SALVAGE", AND "REMOVE AND REINSTALL" ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.

TENNIS COURT STRIPING NOTES

A. ALL STRIPING TO BE 2" TYP. WHITE ON (COLOR) COLORED COURT WITH (COLOR) OUT OF BOUNDS

B. VERIFY COLORS OF COURTS AND OUT OF BOUNDS WITH OWNER/ARCHITECT

SITE PLAN LEGEND

- VINYL COATED CHAIN LINK FENCE, 48" HIGH
- VINYL COATED CHAIN LINK FENCE, 72" HIGH
- BLACK WROUGHT IRON FENCE, 48" HIGH
- BLACK WROUGHT IRON FENCE, 72" HIGH
- BUILDING SECTION TAG (1 / A101 SIM.)
- WALL SECTION TAG (1 / A101 SIM.)
- ENLARGED CALL OUT (2 / A101 SIM.)

SITE PLAN KEYNOTES

TAG #	NOTE
1	RESURFACE TENNIS COURT. REF. CIVIL
2	NEW TENNIS COURT FENCE
3	NEW TENNIS WINDSCREEN. REF STRUCTURAL
4	NEW FENCE GATE
5	NEW TENNIS BACKBOARDS
6	NEW COURT BENCHES WITH CABANA

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. REMOVE, REMOVE AND SALVAGE, AND REMOVE AND REINSTALL ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.
4. DETACH ALL WALL AND CEILING MOUNTED ITEMS THAT ARE AFFECTED BY WORK AND NOT SPECIFCALLY ADDRESSED, REINSTALL OR SALVAGE ITEMS AS DIRECTED BY OWNER, DISPOSE OF ALL OTHERS.
5. WHERE A SEAMLESS PATCH BETWEEN EXISTING AND NEW SURFACES AND ITEMS IS NOT POSSIBLE OR PRACTICAL, REMOVE EXISTING ELEMENT BACK TO NEAREST JOINT OR CORNER AND REPLACE WITH NEW TO MATCH.
6. REMOVE ALL ABANDONED ITEMS EXPOSED BY DEMOLITION.
7. GENERAL CONTRACTOR TO SALVAGE EXTRA LIGHT FIXTURES TO OWNER.
8. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGED WALL SURFACES THAT HAPPEN DURING THE DEMOLITION/CONSTRUCTION PROCESS.
9. DURING DEMOLITION, RETAIN STRUCTURAL INTEGRITY FOR INTERIOR/EXTERIOR WALLS. CONTACT ARCHITECT SHOULD QUESTIONS/PROBLEMS ARISE.
10. REFERENCE ARCHITECTURAL, MEP AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING BUILDING DEMOLITION/RENOVATIONS.
11. IF WALL(S) OR SUB-WALL SURFACE(S) IS/ARE DAMAGED DURING REMOVAL OR DEMOLITION, THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF WALL MATERIAL(S) TO ENSURE A LEVEL AND SMOOTH WALL SURFACE. MATCH ADJACENT WALL FINISH WHEN POSSIBLE.
12. CONTRACTOR RESPONSIBLE FOR CAPPING REMOVED PLUMBING LINES BELOW FINISH FLOOR AND PREPARING FLOOR SURFACE TO RECEIVE SCHEDULED FINISH.
13. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND CAPPING ELECTRICAL WIRING PRIOR TO DEMOLITION OF WALL(S).
14. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING SURFACES AND FINISHES DURING THE DEMOLITION/CONSTRUCTION PROCESS.
15. CONTRACTOR RESPONSIBLE FOR CEILING PATCHING AND CEILING PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
16. CONTRACTOR RESPONSIBLE FOR WALL PATCHING AND WALL PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
17. CONTRACTOR RESPONSIBLE FOR FLOOR PATCHING AND FLOOR PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- AREA TO BE DEMOLISHED
- NOT IN SCOPE
- SCOPE OF DEMOLITION
- DEMO KEY NOTE
- DEMO EXISTING FINISH FLOORING

DEMOLITION KEY NOTES

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ALTERNATE NO.5 - SITE DETAILS TENNIS COURT

KEMPNER HIGH SCHOOL

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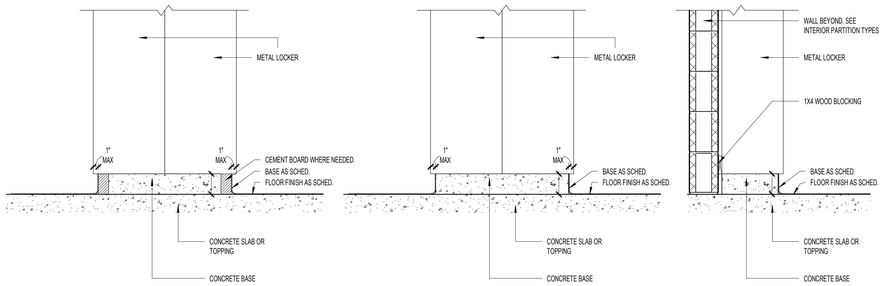
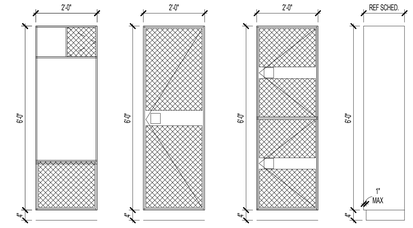


LOCKER CURB DETAIL 2

SCALE: 1" = 1'-0"

LOCKER SCHEDULE

1 PROVIDE SHOP-APPLIED, BAKED EPOXY ENAMEL FINISH
2 REFER TO MATERIAL SHCEDULE FOR COLOR



TYPE B1
24"x18"x72"

ROOM 123
EXISTING: 51
PROVIDED: 51
ADA REQUIRED: 3
ADA PROVIDED: 3

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

TYPE A2
24"x18"x72"

ROOM 118
EXISTING: 41
PROVIDED: 41
ADA REQUIRED: 3
ADA PROVIDED: 3

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

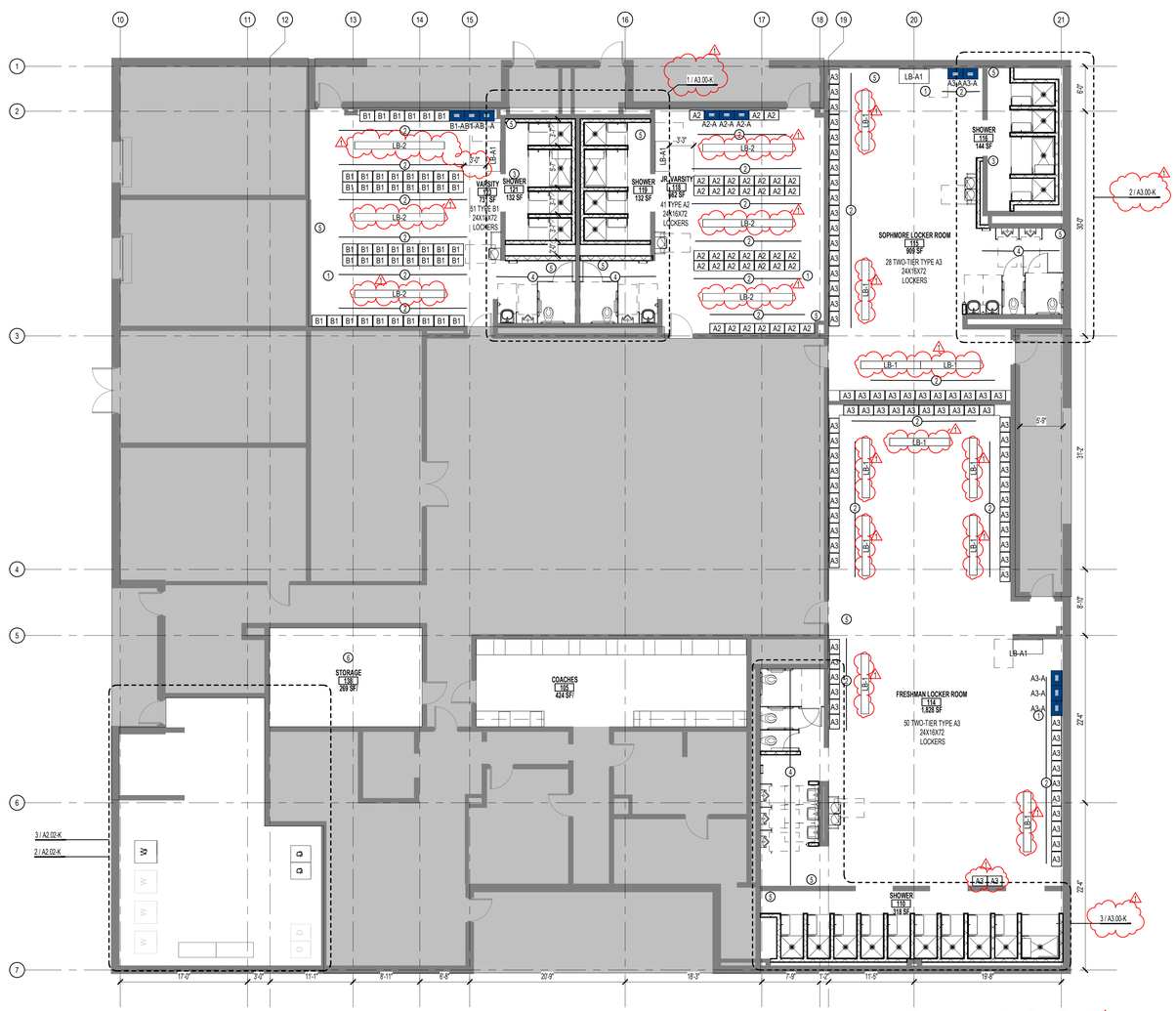
TYPE A3
24"x18"x72"

ROOM 115
EXISTING: 30
PROVIDED: 28
ADA REQUIRED: 2
ADA PROVIDED: 2

ROOM 116
EXISTING: 50
PROVIDED: 50
ADA REQUIRED: 3
ADA PROVIDED: 3

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

PROFILE



01 FLOOR PLAN - FIELD HOUSE 1

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

RENOVATE LOCKER ROOMS
REPLACE WASHER AND DRYERS
REPAIR HVAC IN FIELD HOUSE

FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. RE: SHEET A0.30 & SPECIFICATIONS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
5. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
6. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-3" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-3" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
7. REFER TO SHEETS A3 SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
8. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- AB — COLUMN GRID
- Ref 20 / A101 — EXTERIOR ELEVATION TAG
- 1/ A101 Ref — INTERIOR ELEVATION TAG
- SIM 1 / A101 — BUILDING SECTION TAG
- SIM 1 / A101 — WALL SECTION TAG
- 21 / A101 SIM — ENLARGED CALL OUT
- 101 — DOOR TAG
- AX — PARTITION TAG
- HOLLOW METAL WINDOW TAG
- 1 — ALUMINUM WINDOW TAG
- 5' DIAMETER ADA TURN AROUND

FLOOR PLAN NOTES BY NUMBER

TAG #	NOTE
1	NEW EPOXY FLOORING TO EXTEND ENTIRE LOCKER AND REST ROOMS. SHOWERS TO NOT HAVE EPOXY FLOORING
2	NEW LOCKERS AND BENCHES
3	NEW SHOWERS
4	NEW TOILET STALLS, SINK AND HAND DRYERS
5	NEW PAINT THROUGHOUT. REFER TO FINISH SCHEDULE
6	ADD DEHUMIDIFIER TO STORAGE; REF: MEP

SPECIALTY EQUIPMENT

TAG	EQUIPMENT
A2	LOCKER - 24" W X 18" D X 72" H
A3	LOCKER - 24" W X 18" D X 72" H
B1	LOCKER - 28" W X 18" D X 91" H
LB-1	LOCKER BENCH - 96" L X 9 1/2"" W
LB-2	LOCKER BENCH - 144" L X 9 1/2" W
LB-A1	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT WALL
LB-A2	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT BACK

ADDITIONAL NOTES

1. INSTALL NEW LOCKERS ON CONCRETE BASE. INSTALL CLOSER FILLER PANELS AT END WALLS AND CORNERS. REFER TO SPEC 10513 FOR ADDITIONAL INSTALLATION INSTRUCTIONS.
2. INSTALL WALL ELECTRONIC DRINKING FOUNTAIN WITH BOTTLE FILLER PER MANUFACTURER'S INSTRUCTIONS. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPE AND CONNECT TO EXISTING UTILITIES. REFER TO ELECTRICAL DRAWINGS TO INSTALL NEW TAMPER RESISTANT RECEPTACLES. INSTALL HIGH LO RECEPTACLES AT LOCATION AS PER MANUFACTURER'S INSTRUCTIONS.
3. INSTALL RESINOUS FLOORING AND INTEGRAL COVE BASE ACCORDING TO APPROVED MOCK-UP AND MANUFACTURER'S INSTRUCTIONS. PRIOR TO INSTALLATION SHOT-BLAST EXISTING SURFACES WITH AN APPARATUS THAT ABRADES THE CONCRETE SURFACE. REPAIR DAMAGED AND DETERIORATED CONCRETE ACCORDING TO RESINOUS FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROTECTING NEW FLOORING FROM CONSTRUCTION TRAFFIC.
4. INSTALL NEW TILE SHOWERS, ACCORDING TO APPROVED MOCKUPS ON EPOXY GROUT. REFER TO 093000 TILE SPEC FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND MOCKUP REQUIREMENTS.
5. INSTALL NEW 4" SLIM PROFILE SURFACE-MOUNTED AUTOMATIC HAND DRYER, ON CMU WALLS. ANCHOR DRYERS TO WALLS ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
6. INSTALL NEW ARCHITECTURAL SIGNAGE FOR ROOM IDENTIFICATION AT LOCATIONS NOTED ON DRAWINGS AND TO BE INSTALLED AT ACCESSIBLE HEIGHTS AND TO COMPLY WITH TAS 703.
7. PREPARE AND PAINT ALL LOCKER ROOM CMU WALLS WITH HIGH PERFORMANCE EPOXY WITH BLOCK FILLERS ACCORDING TO 099000 PAINTING AND COATING. REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL FINISH INFORMATION.
8. INSTALL ALL NEW CMU WALLS AT 8-0" UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL DOCUMENTS FOR NON-LOAD BEARING WALLS BRACING AND REINFORCING STEEL. REQUEST INFORMATION FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND/OR REQUIREMENTS.

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01 FLOOR PLAN - FIELD HOUSE

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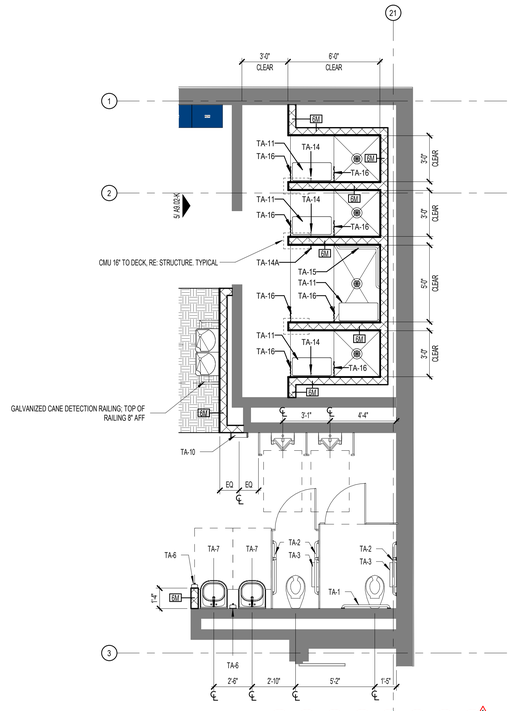
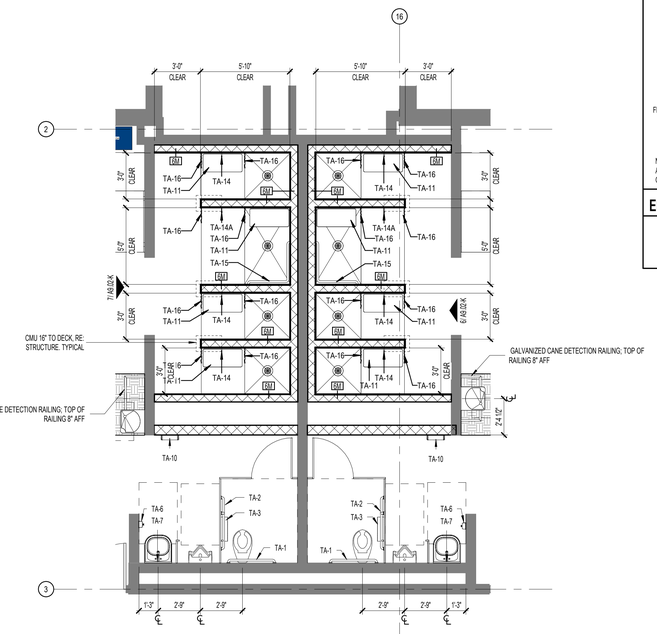
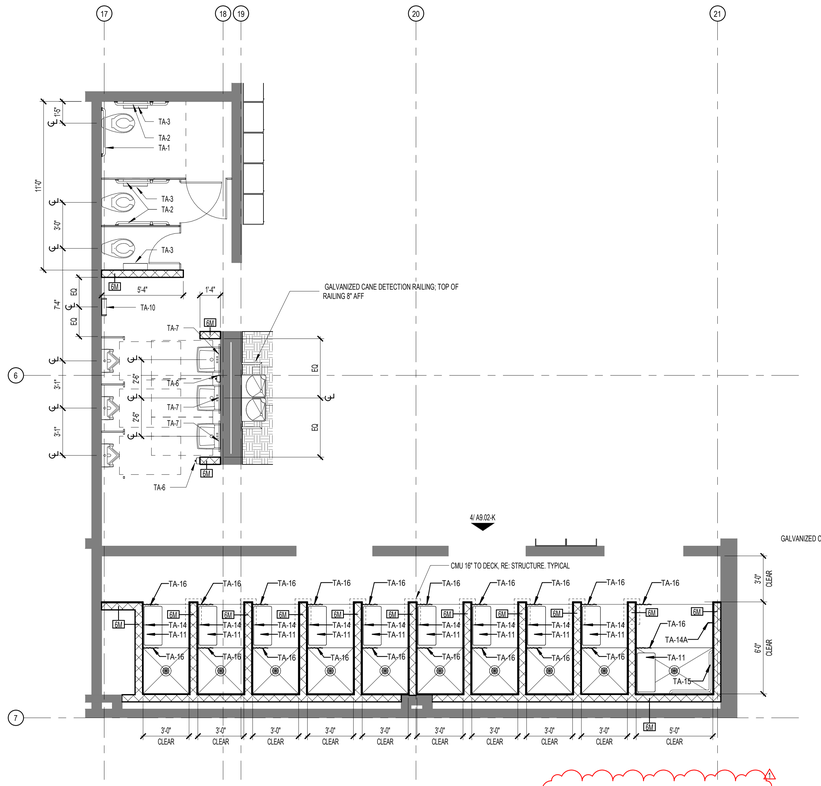


ENLARGED PLAN - RESTROOM 2
SCALE: 1/4" = 1'-0"

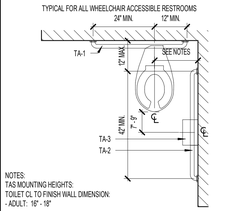


ENLARGED PLAN - RESTROOM 1
SCALE: 1/4" = 1'-0"

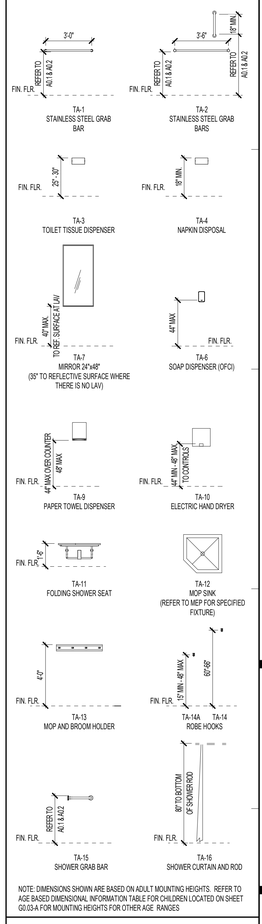


ENLARGED PLAN - RESTROOM 3
SCALE: 1/4" = 1'-0"

RESTROOM WHEELCHAIR ACCESS, TYPICAL



TYPICAL MOUNTING HEIGHTS, U.N.O.



NOTE: DIMENSIONS SHOWN ARE BASED ON ADULT MOUNTING HEIGHTS. REFER TO AGE BASED DIMENSIONAL INFORMATION TABLE FOR CHILDREN LOCATED ON SHEET G0.03-A FOR MOUNTING HEIGHTS FOR OTHER AGE RANGES.

ENLARGED PLANS: GENERAL NOTES

1. ALL DIMENSIONS AT ENLARGED PLANS ARE TO OUTSIDE FACE OF GYP. BD. / FACE OF CMU/TILT WALL.

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REVISIONS:

	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

A3.00-K

ENLARGED RESTROOM PLANS

KEMPNER HIGH SCHOOL

1/14/2026 4:35:09 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Athl/25-006_KEMPNER_FBISD ATHLETIC RENOVATIONS BP012-K_R25.rvt

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ROOM FINISH SCHEDULE - FIELD HOUSE

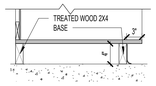
ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
105	COACHES	RF-1	RB-1	P-1	P-2	P-1	P-1	
110	SHOWER	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTAL STACKED, REF TO FINISH PLAN
114	FRESHMAN LOCKER ROOM	RF-1	RFB-1	P-1	P-1	P-1	P-1	
115	SOPHMORE LOCKER ROOM	RF-1	RFB-1	P-1	P-1	P-1	P-1	
116	SHOWER	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTAL STACKED, REF TO FINISH PLAN
118	JR. VARSITY	RF-1	RFB-1	P-1	P-1	P-1	P-1	
119	SHOWER	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTAL STACKED, REF TO FINISH PLAN
121	SHOWER	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTAL STACKED, REF TO FINISH PLAN
123	VARSITY	RF-1	RFB-1	P-1	P-1	P-1	P-1	
201	TOILET	RF-1	RFB-1	T	T	T	T	FULL HEIGHT TILE U.N.O.
204	TOILET	RF-1	RFB-1	T, P-1E	T, P-1E	T, P-1E	T, P-1E	FULL HEIGHT TILE U.N.O.
205	TOILET	RF-1	RFB-1	T, P-1E	T, P-1E	T, P-1E	T, P-1E	FULL HEIGHT TILE U.N.O.
206	TOILET	RF-1	RFB-1	T, P-1E	T, P-1E	T, P-1E	T, P-1E	FULL HEIGHT TILE U.N.O.

ROOM FINISH SCHEDULE - CONCESSIONS BUILDING

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
100	CONCESSION	QT-1	TB-2	T, P-2E	T, P-2E	T, P-2E	T, P-2E	REF TO ELEVATIONS
101	WOMENS	T-1	TB-1	T	T	T	T	FULL HEIGHT, HORIZONTAL STACKED. REF TO FINISH PLAN
102	MENS	T-1	TB-1	T	T	T	T	FULL HEIGHT, HORIZONTAL STACKED. REF TO FINISH PLAN
103	STORAGE	SCONC-1	RB-1	P-1	P-1	P-1	P-1	
104	IDF	SCONC-1	RB-1	P-1	P-1	P-1	P-1	
105	CUSTODIAL	SCONC-1	RB-1	P-1, FRP	P-1, FRP	P-1	P-1	8' HEIGHT FRP, PAINT ABOVE
106	ELEC	SCONC-1	RB-1	P-1	P-1	P-1	P-1	
108	MECHANICAL	SCONC-1	RB-1	P-1	P-1	P-1	P-1	

MATERIAL SCHEDULE

MARK	MATERIAL	MANUFACTURER	STYLE	COLOR	SPECS	REMARKS
01 FLOOR FINISH						
QT-1	QUARRY TILE	AMERICAN OLEAN	QUARRY NATURALS	SHADOW GRAY	EXG. EPOXY COAT OVER	CONSESSION BUILDING
RF-1	RESINOUS FLOORING	STONHARD	STONESHIELD SLT	CUSTOM (GRAY BASE, SCHOOL COLOR ACCENT)		LOCKER ROOMS FLOORING
SCONC-1	SEALED CONCRETE					NEW STORAGE ROOMS
T-1	PORCELAIN TILE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY	2X2 MOSAIC	SHOWERS & RESTROOMS
WF-1	WALK-OFF CARPET	TARKETT	ABRASIVE ACTION II	WINTER GRAY	POWERBOND, ROLL	AT DRINKING FOUNTAINS
02 BASE						
RB-1	RUBBER BASE	JOHNSONITE	4" COVE BASE		4" HEIGHT	FIELD
RFB-1	RESINOUS FLOORING BASE	STONHARD	STONESHIELD SLT		4" HEIGHT, COVE BASE	LOCKER ROOMS
TB-1	TILE BASE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY		
TB-2	QUARRY TILE BASE	AMERICAN OLEAN	QUARRY NATURALS	SHADOW GRAY		CONSESSION BUILDING
03 WALL FINISH						
FRP	FIBERGLASS REINFORCED PANELING					AT MOP SINK
P-1	PAINT	SHERWIN WILLIAMS		SW 7653 SILVERPOINTE		FIELD PAINT
P-1E	EPOXY PAINT	SHERWIN WILLIAMS		MATCH FIELD PAINT, U.N.O.		EPOXY PAINT AT WET AREAS
P-2	PAINT	SHERWIN WILLIAMS		SW 6307 FINE WINE		ACCENT, SCHOOL COLOR
P-2E	EPOXY PAINT	SHERWIN WILLIAMS		TO MATCH P-2 U.N.O.		ACCENT, SCHOOL COLOR
P-3	PAINT	SHERWIN WILLIAMS		SW 7075 WEB GRAY	REF SPECS FOR PAINT FINISH	NEW DOORS
T-2	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	CALM FIELD	8"X24" GLOSSY	SHOWERS
T-3	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	PASSION 0019, ACCENT	8"X24" GLOSSY	SHOWERS
T-4	WALL TILE	AMERICAN OLEAN	COLOR STORY FLOOR	MATTER DESIGNER WHITE	12X24, MATTE	NEW RESTROOMS
T-5	WALL TILE	AMERICAN OLEAN	COLOR STORY FLOOR	MATTE PASSION	12X24, MATTE	NEW RESTROOMS
04 CEILING						
ACT-1	ACOUSTICAL PANEL CEILING	ARMSTRONG	FINE FISSURED, SCHOOL ZONE	WHITE	2X2 SQUARE LAY-IN	CONSESSION BUILDING
ACT-2	ACOUSTICAL PANEL CEILING	ARMSTRONG	CLEAN ROOM VL NO. 870	WHITE	2X2 SQUARE LAY-IN	RESTROOMS
ACT-3	ACOUSTICAL PANEL CEILING	ARMSTRONG	CLEAN ROOM VL NO.868	WHITE	2X2 SQUARE LAY-IN	CONSESSION BUILDING, FOOD PREPARATION AREA
EXP-1	EXPOSED CEILING			TO BE PAINTED P-1 U.N.O.	REF SPECS FOR PAINT FINISH	CONSESSION BUILDING
GYP-1	GYPBOARD CEILING			TO BE PAINTED P-1 U.N.O.		
MCS-1	METAL CEILING SYSTEM	CERTAINTEED	DEEP BOX SERIES, EXTERIOR		6" PANELS	CONSESSION BUILDING, SOFFIT
05 MISC FINISHES						
	LOCKERS	LIST INDUSTRIES		727 MAROON		SEE FOOTLOCKER SCHEDULE
	BENCHES	LIST INDUSTRIES		GRAY TOPS & STEEL PEDESTALS		REF SPECS
E-1E	EPOXY GROUT					AT WET AREAS
PL-1	PLASTIC LAMINATE	WILSONART		PHANTOM ECRU 8212K-28		CASEWORK, FIELD HOUSE
PL-2	PLASTIC LAMINATE	WILSONART		DOVE GRAY		COUNTERTOPS, FIELD HOUSE
SS-1	STAINLESS STEEL COUNTER				304 SS, 16 GA. #4 BRUSHED SATIN FINISH	CONSESSIONS COUNTERTOP
TP-1	TOLIET PARTITIONS	ASI	BLACK CORE PHENOLIC	GRAPHITE 2150	SOLID PHENOLIC	RESTROOMS, FIELD HOUSE
06 ALUM TRANSITION						
TR-1	ALUMINUM TRANSITION	SCHLUTER		ANODIZED	ADA COMPLIANT	RESINOUS TO EXISTING
TR-2	ALUMINUM TRANSITION	SCHLUTER	RENO-TK	ANODIZED	ADA COMPLIANT	RESINOUS TO WF
TR-3	ALUMINUM TRANSITION	SCHLUTER	JOLLY	ANODIZED		AT TILE EDGES. PROVIDE END CAP AS APPLICABLE
07 EXTERIORS						
BR-1	BRICK	KANSAS BRICK & TILE	UTILITY	500 CLASSIC	RUNNING BOND	
BR-2	BRICK	KANSAS BRICK & TILE	UTILITY	500 MIT GREY	RUNNING BOND	
BR-3	BRICK	KANSAS BRICK & TILE	UTILITY	500 CHARCOAL	RUNNING BOND	
CMU-1	BURNISHED FACE	BEST BLOCK		#700 WHITE LIMESTONE	RUNNING BOND	
CMU-2	SMOOTH FACE	BEST BLOCK		PAINTED P-1 U.N.O.	RUNNING BOND	NEW INTERIOR CMU WALLS
EP-1	EXTERIOR ACCENT PAINT	SHERWIN WILLIAMS				
PM-1	PREFINISHED METAL	BERRIDGE			ALL EXTERIOR METAL	DOWNSPOUTS, ROOF COPING, EXTERIOR TRIMS.



MD-BASE DETAIL 4
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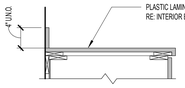

MD-COUNTER DETAIL 2
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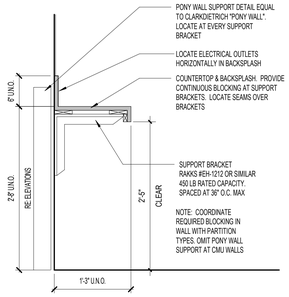

COUNTER DETAIL 5
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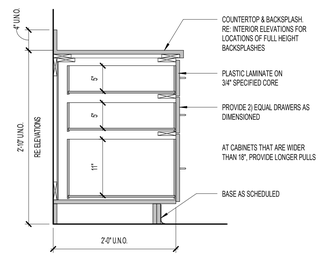

CABINET DETAIL 3
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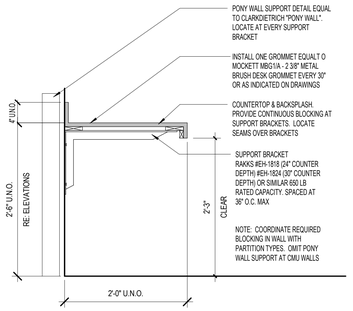

COUNTER DETAIL 1
SCALE: 1" = 1'-0"

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

14777 Voss Rd, Sugar Land, TX 77498

KEMPNER HIGH SCHOOL

FBISD
INSPIRE • EQUIP • IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

A9.00-K

MATERIAL SCHEDULE & INTERIOR DETAILS

KEMPNER HIGH SCHOOL

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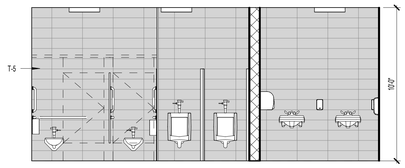
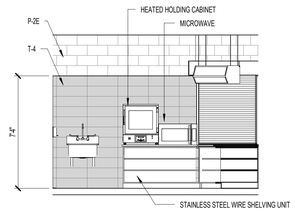


CONCESSION RESTROOM INTERIOR ELEVATION D 5
SCALE: 1/4" = 1'-0"

CONCESSION RESTROOM INTERIOR ELEVATION C 4
SCALE: 1/4" = 1'-0"

CONCESSION INTERIOR ELEVATION - EAST 7
SCALE: 1/4" = 1'-0"

CONCESSION INTERIOR ELEVATION - NORTH 3
SCALE: 1/4" = 1'-0"



CONCESSION INTERIOR ELEVATION - WEST 6
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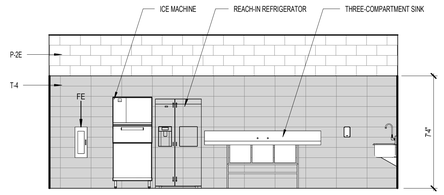

CONCESSION INTERIOR ELEVATION - SOUTH 2
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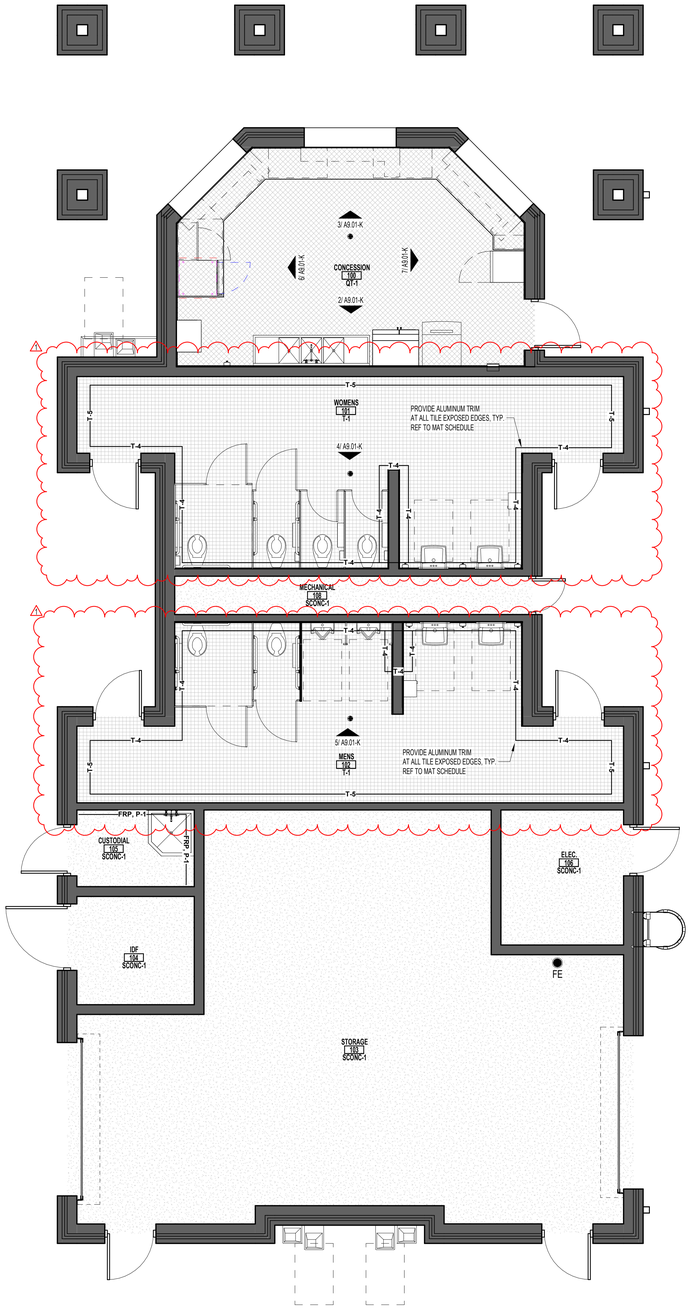

01 FINISH PLAN - CONCESSIONS 1
SCALE: 1/4" = 1'-0"

MATERIAL FINISH LEGEND

- T-1 (PORCELAIN TILE)
- RF-1 (RESINOUS FLOORING)
- QT-1 (QUARRY TILE)
- SCONC SEALED CONCRETE

PROVIDE CONTROL JOINTS (C.J.) AS SHOWN & AT COLOR CHANGES. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS

SYMBOLS

MW	MARKER WALL - DRY ERASE WALL-COVERING
CJ	CONTROL JOINT*
EJ	EXPANSION JOINT
CG	CORNER GUARD
HLB	HORIZONTAL LOUVER BLINDS
RS	ROLLER SHADES

—T-X, P-X— WALL FINISH. REF TO MATERIAL SCHEDULE FOR FINISH TYPE MARKS

ROOM
100
PCON
FLOOR FINISH

* PROVIDE CONTROL JOINTS AS SHOWN. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS. REFER TO STRUCTURAL DWGS FOR DIMENSIONS. AT COLOR TRANSITIONS, PROVIDE SCORE LINE U.N.O.

** REFER TO ROOM FINISH SCHEDULE FOR FULL LIST OF FINISH WITHIN ROOM

FLOOR TRANSITIONS

REFER TO MATERIAL SCHEDULE FOR ALUMINUM TRIM TRANSITION TYPES. REF TO SPECS FOR MARBLE THRESHOLDS.

FINISH SCHEDULE NOTES

1. REFER TO INTERIOR ELEVATIONS FOR LOCATION, SIZES & TYPES OF INTERIOR FINISHES.
2. PROVIDE FLOOR OR WALL PATTERNS. REFER TO INTERIOR PLANS (A5.1S) FOR DESIGN DETAILS.
3. PROVIDE ACOUSTIC PANELS. REFER TO INTERIOR ELEVATIONS FOR SIZES & TYPES.
4. REFER TO REFLECTED CEILING PLAN (A10 SERIES DWGS). FOR PAINTED GYP. BD. AND/OR SPECIALTY PORTIONS OF CEILING.
5. PROVIDE ACCENT TILE (CTA) RE: X/A 9.X FOR PATTERN.
6. PROVIDE ACCENT WALL. REFER TO INTERIOR PLANS FOR ACCENT PAINT LOCATIONS
7. AT MDF ROOMS, PROVIDE 8'-0"H, 3/4" PLYWOOD ON ALL WALL SURFACES. PAINT SIDES AND EDGES BLACK.
10. AT ALL STORAGE ROOMS, PROVIDE 2" HIGH, CONTINUOUS RED STRIPE 18" BELOW CEILING OR STRUCTURE. AT 6' INTERVALS (AND NOT LESS THAN ONCE PER WALL) STENCIL THE WORDS "NO STORAGE ABOVE LINE."
11. ABOVE CEILING AT ALL FIRE RATED WALLS, PROVIDE 4" HIGH, STENCIL EVERY 8' AND AT LEAST ONE PER WALL READING "FIRE WALL." IN RED PAINT. ALSO PROVIDE STENCIL AT 10' AFF IN MECHANICAL, HOUSEKEEPING, TECHNOLOGY, ELECTRICAL, AND STORAGE SPACES THAT DO NOT HAVE A CEILING. STENCIL IS NOT REQUIRED WHERE THE FIRE WALL DOES NOT HAVE AN ADJACENT CEILING AND THE SPACE IS AN OCCUPIED, FINISHED SPACE.

GENERAL NOTES

A. REFER TO REFLECTED CEILING PLAN (A10 SERIES DWGS). FOR CEILING HEIGHTS & ADDITIONAL INFORMATION.

B. ALL FINISHES SUBJECT TO ARCHITECT'S APPROVAL.

C. REFERENCE FOOD SERVICE DRAWINGS (K SERIES) FOR KITCHEN AND SERVING LINE EQUIPMENT & FINISH INFORMATION

INTERIOR ELEVATION GENERAL NOTES

1. NUMBERS SHOWN AT CABINETS ARE BASED ON AWI CABINET DESIGN SERIES (CDS) SYSTEM. PROVIDE NUMBER OF SHELVES AS SHOWN.
2. PROVIDE **PLASTIC LAMINATE** ON SPECIFIED CORE AT ALL EXPOSED SURFACES AND EDGES OF CASEWORK, ENDS, ETC. UNLESS OTHERWISED NOTED
3. PROVIDE **PLASTIC LAMINATE** ON COUNTERTOPS, UNLESS OTHERWISE NOTE.
4. **ALL UPPER AND TALL CABINETS THAT DO NOT HAVE A FURR DOWN OVER THEM SHALL HAVE A SLOPED TOP EQUAL TO AWI 426.**
5. EXPOSED WALL UNDER COUNTER TO RECEIVE FINISH AS SCHEDULED
6. ARCHITECT TO SELECT COLORS. CONTRACTOR TO COORDINATE LEAD TIMES FOR ALL MATERIALS TO MAINTAIN PROJECT SCHEDULE
7. ALL SHELVES IN CABINETS AND BOOK CASES SHALL BE ADJUSTABLE, UNLESS OTHERWISE NOTED
8. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATING MILLWORK TO ASSURE PROPER FIT W/ AS-BUILT CONDITIONS
9. VERIFY W/ OWNER EXACT SIZE OF ALL EQUIPMENT FURNISHED BY OWNER FOR PROPER FIT W/ CONTRACTOR SUPPLIED MILLWORK & CASEWORK
10. MODIFY MILLWORK/CASEWORK AS REQUIRED FOR COLUMN BUMPOUT AND FURRING TO CONCEAL CONDUITS, PIPES ETC. RE: ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR POTENTIAL LOCATIONS
11. PROVIDE END PANELS AT ALL LOWER CABINET OPENINGS THAT END WITH AN OPEN SPACE FOR AN APPLIANCE OR KNEE SPACE
12. PROVIDE CONTROL JOINTS AS SHOWN AND SPECIFIED
13. REFERENCE WINDOW AND DOOR TYPES AS SPECIFIED FOR EXACT DIMENSIONS AND TYPES OF EACH ITEM
14. REFERENCE BUILDING SECTIONS FOR ADDITIONAL INFORMATION
15. REFER TO **A3S** FOR SIZES & LOCATIONS OF GRAB BARS & OTHER TOILET ACCESSORIES
16. REFER TO **A0.1 & A0.2** FOR REQUIRED MOUNTING HEIGHTS PER T.A.S

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REGISTERED ARCHITECT
MICHAEL ADAME
30113
STATE OF TEXAS

DATE: 12/04/2025

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DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

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1	01/14/2026	ADDENDUM #01

100% CD

A9.01-K
FINISH PLAN
CONCESSIONS AND
INTERIOR ELEVATIONS
KEMPNER HIGH SCHOOL

1/14/2026 4:35:11 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Ath/25-006_KEMPNER_FBISD ATHLETIC RENOVATIONS BP012-K_R25.rvt

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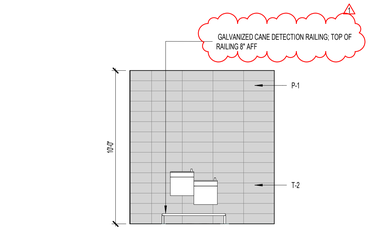
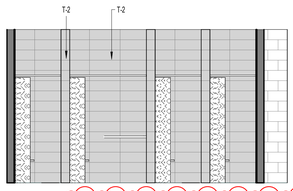
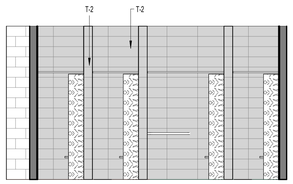


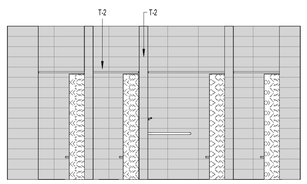
SOPHOMORE LOCKER ROOM EAST 8
SCALE: 1/4" = 1'-0"



VARSITY LOCKER ROOM SHOWERS 7
SCALE: 1/4" = 1'-0"



JR VARSITY LOCKER ROOM SHOWERS 6
SCALE: 1/4" = 1'-0"



SOPHOMORE LOCKER ROOM SHOWERS 5
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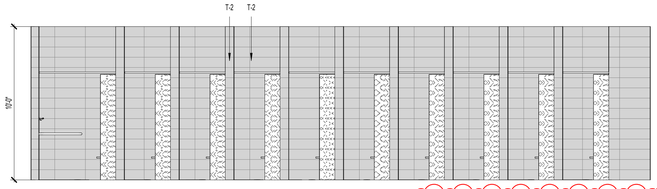

FRESHMAN LOCKER ROOM SHOWERS 4
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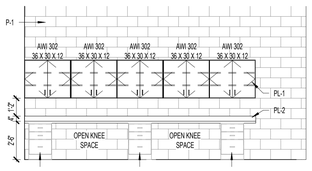
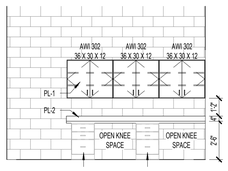
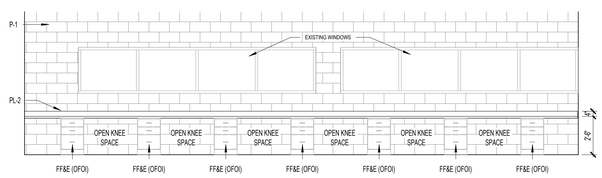




COACHES SOUTH ELEVATION 3
SCALE: 1/4" = 1'-0"



COACHES NORTH ELEVATION 2
SCALE: 1/4" = 1'-0"

01 FIELD HOUSE FINISH PLAN 1
SCALE: 1/8" = 1'-0"

MATERIAL FINISH LEGEND

- T-1 (PORCELAIN TILE)
- RF-1 (RESINOUS FLOORING)
- QT-1 (QUARRY TILE)
- SCONC SEALED CONCRETE

PROVIDE CONTROL JOINTS (C.J.) AS SHOWN & AT COLOR CHANGES. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS

SYMBOLS

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EJ	EXPANSION JOINT
CG	CORNER GUARD
HLB	HORIZONTAL LOUVER BLINDS
RS	ROLLER SHADES

T-X, P-X — WALL FINISH. REF TO MATERIAL SCHEDULE FOR FINISH TYPE MARKS

ROOM 100 PCON — FLOOR FINISH

* PROVIDE CONTROL JOINTS AS SHOWN. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS. REFER TO STRUCTURAL DWGS FOR DIMENSIONS. AT COLOR TRANSITIONS, PROVIDE SCORE LINE U.N.O.

** REFER TO ROOM FINISH SCHEDULE FOR FULL LIST OF FINISH WITHIN ROOM

FLOOR TRANSITIONS

REFER TO MATERIAL SCHEDULE FOR ALUMINUM TRIM TRANSITION TYPES. REF TO SPECS FOR MARBLE THRESHOLDS.

FINISH SCHEDULE NOTES

1. REFER TO INTERIOR ELEVATIONS FOR LOCATION, SIZES & TYPES OF INTERIOR FINISHES.
2. PROVIDE FLOOR OR WALL PATTERNS. REFER TO INTERIOR PLANS (A5.1S) FOR DESIGN DETAILS.
3. PROVIDE ACOUSTIC PANELS. REFER TO INTERIOR ELEVATIONS FOR SIZES & TYPES.
4. REFER TO REFLECTED CEILING PLAN (A10 SERIES DWGS). FOR PAINTED GYP. BD. AND/OR SPECIALTY PORTIONS OF CEILING.
5. PROVIDE ACCENT TILE (CTA) RE: 3/A 9.X FOR PATTERN.
6. PROVIDE ACCENT WALL. REFER TO INTERIOR PLANS FOR ACCENT PAINT LOCATIONS.
7. AT MDF ROOMS, PROVIDE 8'-0"H, 3/4" PLYWOOD ON ALL WALL SURFACES. PAINT SIDES AND EDGES BLACK.

10. AT ALL STORAGE ROOMS, PROVIDE 2" HIGH, CONTINUOUS RED STRIPE 18" BELOW CEILING OR STRUCTURE. AT 6' INTERVALS (AND NOT LESS THAN ONCE PER WALL) STENCIL THE WORDS "NO STORAGE ABOVE LINE."

11. ABOVE CEILING AT ALL FIRE RATED WALLS, PROVIDE 4" HIGH, STENCIL EVERY 8' AND AT LEAST ONE PER WALL READING "FIRE WALL." IN RED PAINT. ALSO PROVIDE STENCIL AT 10' AFF IN MECHANICAL, HOUSEKEEPING, TECHNOLOGY, ELECTRICAL AND STORAGE SPACES THAT DO NOT HAVE A CEILING. STENCIL IS NOT REQUIRED WHERE THE FIRE WALL DOES NOT HAVE AN ADJACENT CEILING AND THE SPACE IS AN OCCUPIED, FINISHED SPACE.

GENERAL NOTES

A. REFER TO REFLECTED CEILING PLAN (A10 SERIES DWGS). FOR CEILING HEIGHTS & ADDITIONAL INFORMATION.

B. ALL FINISHES SUBJECT TO ARCHITECT'S APPROVAL.

C. REFERENCE FOOD SERVICE DRAWINGS (K SERIES) FOR KITCHEN AND SERVING LINE EQUIPMENT & FINISH INFORMATION.

INTERIOR ELEVATION GENERAL NOTES

1. NUMBERS SHOWN AT CABINETS ARE BASED ON AWI CABINET DESIGN SERIES (CDS) SYSTEM. PROVIDE NUMBER OF SHELVES AS SHOWN.
2. PROVIDE **PLASTIC LAMINATE** ON SPECIFIED CORE AT ALL EXPOSED SURFACES AND EDGES OF CASEWORK, ENDS, ETC. UNLESS OTHERWISED NOTED
3. PROVIDE **PLASTIC LAMINATE** ON COUNTERTOPS, UNLESS OTHERWISE NOTE.
4. **ALL UPPER AND TALL CABINETS THAT DO NOT HAVE A FURR DOWN OVER THEM SHALL HAVE A SLOPED TOP EQUAL TO AWI 426.**
5. EXPOSED WALL UNDER COUNTER TO RECEIVE FINISH AS SCHEDULED
6. ARCHITECT TO SELECT COLORS. CONTRACTOR TO COORDINATE LEAD TIMES FOR ALL MATERIALS TO MAINTAIN PROJECT SCHEDULE
7. ALL SHELVES IN CABINETS AND BOOK CASES SHALL BE ADJUSTABLE, UNLESS OTHERWISE NOTED
8. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATING MILLWORK TO ASSURE PROPER FIT W/ AS-BUILT CONDITIONS
9. VERIFY W/ OWNER EXACT SIZE OF ALL EQUIPMENT FURNISHED BY OWNER FOR PROPER FIT W/ CONTRACTOR SUPPLIED MILLWORK & CASEWORK
10. MODIFY MILLWORK/CASEWORK AS REQUIRED FOR COLUMN RUMPOUT AND FURRING TO CONCEAL CONDUITS, PIPES ETC. RE: ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR POTENTIAL LOCATIONS
11. PROVIDE END PANELS AT ALL LOWER CABINET OPENINGS THAT END WITH AN OPEN SPACE FOR AN APPLIANCE OR KNEE SPACE
12. PROVIDE CONTROL JOINTS AS SHOWN AND SPECIFIED
13. REFERENCE WINDOW AND DOOR TYPES AS SPECIFIED FOR EXACT DIMENSIONS AND TYPES OF EACH ITEM
14. REFERENCE BUILDING SECTIONS FOR ADDITIONAL INFORMATION
15. REFER TO **A35** FOR SIZES & LOCATIONS OF GRAB BARS & OTHER TOILET ACCESSORIES
16. REFER TO **A0.1 & A0.2** FOR REQUIRED MOUNTING HEIGHTS PER T.A.S

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

14777 Voss Rd, Sugar Land, TX 77498

KEMPNER HIGH SCHOOL

FBISD
INSPIRE • EQUIP • IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO.	25-006
DATE:	12/04/2025
DRAWN BY: DRW	CHECKED BY: CHK

REVISIONS:

	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

A9.02-K

FINISH PLAN FIELD HOUSE AND INTERIOR ELEVATIONS

KEMPNER HIGH SCHOOL

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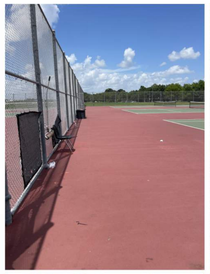
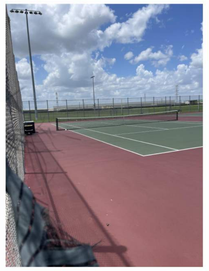
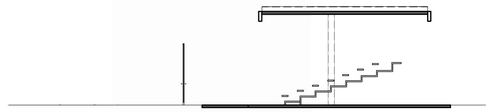
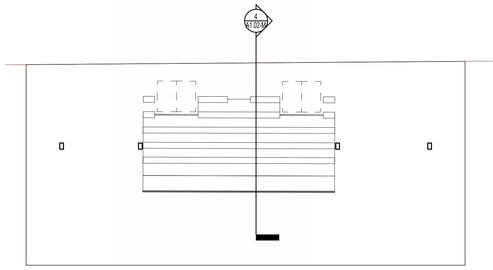


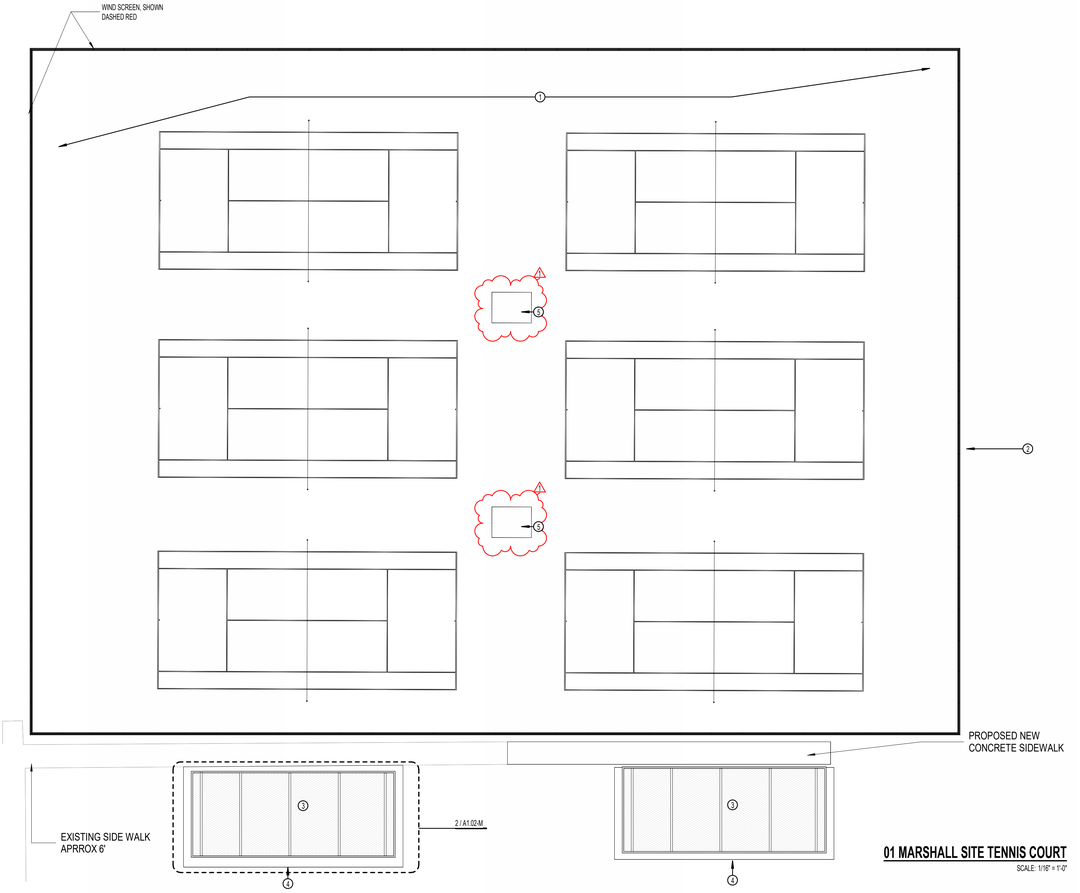




SITE DETAIL BLEACHER SECTION 4
SCALE: 1/8" = 1'-0"



SITE PLAN BLEACHER LAYOUT 2
SCALE: 1/8" = 1'-0"



01 MARSHALL SITE TENNIS COURT 1
SCALE: 1/16" = 1'-0"

SITE PLAN GENERAL NOTES

1.REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.

2.RE: SHEET G0.02 & G0.03 FOR TAS REQUIREMENTS

3.RE: G0.04 & G0.05 FOR CODE PLAN

4.CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.

5."REMOVE", "REMOVE AND SALVAGE", AND "REMOVE AND REINSTALL" ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.

6.REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.

7.ALL FENCING SHALL BE VINYL COATED CHAIN LINK, 48" HIGH UNO.

8.PROVIDE 24" CONCRETE MOW STRIP AROUND PERIMETER OF ALL BUILDINGS WHERE NO OTHER PAVING IS CALLED FOR. PROVIDE 12" MOW STRIP CENTERED ON ALL FENCING.

9.ALL DISTURBED AREAS SHALL BE FINISH GRADED, REVEGETATED, AND IRRIGATED.

TENNIS COURT STRIPING NOTES

A. ALL STRIPING TO BE 2" TYP. WHITE ON (COLOR) COLORED COURT WITH (COLOR) OUT OF BOUNDS

B. VERIFY COLORS OF COURTS AND OUT OF BOUNDS WITH OWNER/ARCHITECT

SITE PLAN LEGEND

- X X — VINYL COATED CHAIN LINK FENCE, 48" HIGH
- L L — VINYL COATED CHAIN LINK FENCE, 72" HIGH
- M M — BLACK WROUGHT IRON FENCE, 48" HIGH
- R R — BLACK WROUGHT IRON FENCE, 72" HIGH
- SIM / 1 / A101 — BUILDING SECTION TAG
- SIM / 1 / A101 — WALL SECTION TAG
- EMIRGENCY ACCESS
- 21 / A101 SIM — ENLARGED CALL OUT
- FIRE HYDRANT

SITE PLAN KEYNOTES

TAG #	NOTE
1	RESURFACE TENNIS COURT. PROVIDE EVEN- TEXTURED ACRYLIC SURFACE SYSTEM FOR POST-TENSIONED CONCRETE TENNIS COURTS AS MANUFACTURED BY CALIFORNIA PRODUCTS OR LAYKOLD RECREATIONSAL SPORTS SURFACING. REF. CIVIL
2	NEW TENNIS WINDSCREEN. PROVIDE 9' WINDSCREEN WITH WINDFLAPS FOR EXISTING 12' HIGH FENCE WITH OPEN AREA AT BOTTOM
3	PRE-ENGINEERED ALUMINUM BLEACHERS FOR 60 PEOPLE AND CANOPY
4	NEW CONCRETE PAD FOR NEW BLEACHER AND CANOPY. REF. CIVIL
5	NEW COURT BENCHES WITH CABANA

GENERAL DEMOLITION NOTES

1. VISIT THE SITE TO UNDERSTAND THE SCOPE OF WORK AND TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING THIS PROJECT. THE EXISTING BUILDING CONDITION SURVEY WAS COMPILED FROM DRAWINGS PROVIDED BY THE OWNER. THESE DRAWINGS WERE NOT AS-BUILT DRAWINGS & ACTUAL CONDITIONS / DIMENSIONS MAY VARY FROM WHAT IS INDICATED. REPORT DISCREPANCIES OR AMBIGUOUS ITEMS TO THE ARCHITECT PRIOR TO START OF FABRICATION. ANY OTHER DISCREPANCIES NOTED BY THE ARCHITECT FIELD INSPECTIONS UNCOVERED, OR DISCREPANCIES IN THE CONTRACT DOCUMENTS WHICH DO NOT COMPLY WITH THE INTENDED FINAL PRODUCT & REQUEST MODIFICATIONS TO THE LAYOUT.

2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO DEMOLITION WORK. ALL DEMOLITION WORK TO BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE CODES, LAWS & REGULATIONS INCLUDING OWNER REQUIREMENTS.

3. COORDINATE DEMOLITION WORK WITH PLAN SHEETS AND DETAILS. REFER TO A200 SERIES FOR DOOR AND WINDOW FRAME TYPICALS AND DETAILS AT NEW OPENINGS IN EXISTING WALLS.

4. REFER TO CIVIL, STRUCTURAL, AND MEP DRAWINGS FOR ADDITIONAL DEMOLITION AND ALTERATION REQUIREMENTS. PATCH ALL WHERE FIXTURES AND EQUIPMENT ARE DEMOLISHED TO MATCH EXISTING ADJACENT SURFACE.

5. THE OWNER HAS FIRST RIGHTS OF SALVAGE OF ALL FIXTURES, EQUIPMENT AND BUILDING MATERIALS REMOVED AS PART OF THE DEMOLITION AND NOT REUSED IN THE NEW CONSTRUCTION. REMOVE ALL OTHER DEBRIS AND WASTE FROM THE SITE AND DISPOSE OF CONSTRUCTION SCRAP IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

6. PRIOR TO START OF DEMOLITION, SECURE FROM THE OWNER A LIST OF ADDITIONAL EXISTING BUILDING COMPONENTS TO BE SALVAGED AND DELIVERED TO THE OWNER. EXERCISE SUFFICIENT CARE IN SALVAGE OPERATIONS SUCH THAT SALVAGED COMPONENTS ARE DELIVERED TO THE OWNER IN THEIR EXISTING UNDAMAGED CONDITION.

7. PROTECT ADJACENT AREAS FROM DUST, EXCESSIVE NOISE & / OR DISRUPTION OF OCCUPANCY. REMOVE ALL WORK THAT INTERFERES WITH THE OPERATION OF THE SURROUNDING AREAS & ANY INTERRUPTION OF SERVICES INCLUDING THE OPERATION OF UTILITIES SHALL BE PERFORMED AT A TIME APPROVED BY THE OWNER'S REPRESENTATIVE.

8. PROTECT EXISTING STRUCTURES, FINISHES, UTILITIES & OTHER ELEMENTS SCHEDULED TO REMAIN. PRIOR TO DEMOLITION, DOCUMENT SURROUNDING PROPERTIES WHICH COULD BE COMPROMISED AND DAMAGE RESULTING FROM DEMOLITION & FILE WITH OWNER'S REPRESENTATIVE. AREAS THAT ARE DAMAGED BY SELECTIVE DEMOLITION SHALL BE PATCHED, REPAIRED & FINISHED OR REPLACED TO MATCH EXISTING ADJACENT SURFACE AT NO EXPENSE TO THE OWNER.

9. ALL DEMOLITION WORK REQUIRED IS NOT LIMITED TO THAT INDICATED WITH THE CONTRACT DOCUMENTS. IF THE EXISTING CONSTRUCTION THAT INTERFERES WITH NEW WORK TO THE EXTENT OF THE INTERFERENCE, THEN THE ITEM IS TO BE DEMOLISHED. ALL NEW PLUMBING, ELECTRICAL & ARCHITECTURAL ITEMS AS REQUIRED TO FACILITATE NEW CONSTRUCTION. CUT & LATER PATCH ALL HOLES & OPENINGS IN EXISTING CONSTRUCTION NECESSARY FOR CONNECTION OF NEW WORK TO THE PASSAGE OF CONDUITS, PIPING, MECHANICAL PLUMBING & ELECTRICAL UTILITIES & SERVICES.

10. PROVIDE TEMPORARY BARRICADES & OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT OWNER'S PERSONNEL & GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION. PROVIDE A PROPER MEANS OF EGRESS AS REQUIRED FOR OCCUPIED AREAS PER CODE THROUGH CONSTRUCTION. EGRESS MUST ALSO BE MAINTAINED WITH THE CONTRACTOR'S AREA.

11. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY & INFORM THE OWNER'S REPRESENTATIVE & THE ARCHITECT FOR FURTHER DIRECTION.

STRUCTURAL DEMOLITION

12. PROVIDE SHORING, BRACING, AND SUPPORTS AS REQUIRED TO MAINTAIN THE INTEGRITY OF EXISTING OR NEWLY INSTALLED CONSTRUCTION AS REQUIRED TO REMOVE EXISTING LOAD-BEARING OR NON-LOAD BEARING WALL, FOOTING, OR ROOF CONSTRUCTION. ASSUME RESPONSIBILITY FOR ACTUAL CONDITION OF EXISTING STRUCTURE TO BE DEMOLISHED.

13. UNLESS OTHERWISE INDICATED ON THE STRUCTURAL OR ARCHITECTURAL DOCUMENTS, MAINTAIN THE INTEGRITY OF EXISTING CONSTRUCTION ADJACENT TO NEW STRUCTURAL SYSTEMS. WHERE EXISTING LOAD-BEARING OR NON-LOAD-BEARING, WHEN DEMOLISHED, PROVIDE STRUCTURAL SYSTEMS PER NEW STRUCTURAL & ARCHITECTURAL DOCUMENTS. REFER TO A500 SERIES FOR NEW WORK.

CUTTING AND PATCHING

1. PROVIDE MATERIALS FOR CUTTING AND PATCHING WHICH WILL RESULT IN EQUAL-OR-BETTER WORK THAN BEING CUT OR PATCHED.

2. REMOVE EXISTING CONSTRUCTION SO AS NOT TO DAMAGE EXISTING CONSTRUCTION THAT IS TO REMAIN. PATCH FLOORS, WALLS AND CEILINGS IN A RECTANGULAR PATTERN TO SOUND EXISTING CONDITIONS AND MAKE THEM READY TO RECEIVE ANY NEW FINISHES INDICATED.

3. CAP PLUMBING LINES THAT ARE TO BE REMOVED BELOW FLOOR OR BEHIND WALL OR REMOVE THEM COMPLETELY. PATCH FLOORS AND WALLS TO MATCH EXISTING CONDITIONS. REFER PLUMBING DOCUMENTS FOR ADDITIONAL REQUIREMENTS.

4. AT AREAS WHERE EXISTING FLOOR MOUNTED TOILET ROOM FIXTURES ARE TO BE REMOVED, ALSO REMOVE APPROXIMATELY 33 SF OF TILE FROM THE FLOOR AND 40 SF OF TILE FROM THE WALL. PREPARE THIS AREA TO RECEIVE NEW TILE. THE LAYOUT AND EXACT AMOUNT OF TILE TO BE REMOVED SHALL BE AT THE DIRECTION OF THE ARCHITECT.

5. AT AREAS WHERE EXISTING WALL MOUNTED TOILET ROOM FIXTURES ARE TO BE REMOVED, ALSO REMOVE APPROXIMATELY 40 SF OF TILE FROM THE WALL. PREPARE THIS AREA TO RECEIVE NEW TILE. THE LAYOUT AND EXACT AMOUNT OF TILE TO BE REMOVED SHALL BE AT THE DIRECTION OF THE ARCHITECT.

6. WHERE EXISTING FLOORING, CEILINGS OR WALL FINISHES ARE TO BE REMOVED AND REPLACED WITH NEW FINISHES, SURFACES TO REMAIN SHALL BE STRIPPED CLEAN OF ALL EXISTING FINISHES AND MADE READY TO RECEIVE NEW FINISHES.

7. INSPECT FLOORS TO RECEIVE NEW FINISHES PRIOR TO BID. COMPLETELY REMOVE FLOOR FINISHES TO BE REPLACED AND, CLEAN AND PROPERLY PREPARE THE EXISTING SUBSTRATE PRIOR TO INSTALLATION OF NEW FINISH MATERIAL. STRIP, PATCH, AND FILL TO PROVIDE A SMOOTH, DURABLE SURFACE FREE OF BURRS AND ADHESIVE AND SUITABLE FOR APPLICATION OF NEW FINISH MATERIAL. UNDER CUT OR ADJUST DOORS TO ACCOMMODATE NEW FLOOR FINISH WHERE NEW FINISH IS THICKER THAN ORIGINAL FINISH.

8. THE NEW CONCRETE TOPPING IS TO BE PLACED OVER EXISTING CONCRETE SLAB, ABRADE EXISTING CONCRETE FINISH FOR BETTER BOND.

9. TOOTH IN MASONRY WHERE EXISTING MASONRY ABUTS NEW MASONRY IN THE SAME WALL PLANE. REFER TO ELEVATIONS ON A200 SERIES FOR NEW MASONRY COURSING AND BOND PATTERN.

10. PROVIDE A FINISHED EDGE BY TOOTHING IN NEW MASONRY TO MATCH EXISTING WHERE A PORTION OF AN EXISTING MASONRY WALL IS TO BE REMOVED (UON).

11. REMOVE EXISTING WINDOWS AND SILLS COMPLETELY PRIOR TO SEALING OPENINGS (UON).

12. NEW MASONRY FRAME AND PATCH WALL WITH SAME ADJACENT MATERIAL AND FINISH AS EXISTING WHERE EXISTING DOOR OPENINGS ARE TO BE SEALED. ALIGN NEW AND EXISTING WALLS (UON).

13. REMOVE EXPANSION JOINT COVERS (FLOOR, WALL, AND CEILING) THAT ARE DAMAGED DURING DEMOLITION AND REPLACE WITH NEW COVERS OF THE SAME TYPE AND FINISH (OR NEW AS DETAILED), WHERE INDICATED.

14. COORDINATE WITH ROOF PLAN SHEET A130 AND DETAILS FOR SELECTED DEMOLITION OF ROOF AREAS.

15. EXISTING DOORS, FRAMES, AND HARDWARE THAT ARE REMOVED MAY BE REUSED, WHERE INDICATED ON PLANS, IF IN GOOD CONDITION IN THE OPINION OF THE ARCHITECT AND OWNER.

16. WHERE INDICATED, REMOVE TACKBOARDS, SMART BOARDS, CHALKBOARDS, MISCELLANEOUS DISPLAY RAILS, AND TOILET ROOM ACCESSORIES. SALVAGE REMOVED ITEMS FOR OWNER OR REINSTALL AS INDICATED IN DRAWINGS AND SPECIFICATIONS. CLEAN AND REPAIR ITEMS AS REQUIRED FOR NEW EQUIPMENT OR TO RECEIVE A NEW FINISH.

17. REMOVE EXISTING LAY-IN CEILING AND GRID FROM AREAS WHERE THERE IS NEW MECHANICAL OR ELECTRICAL WORK ABOVE CEILING. PREPARE FOR A600 SERIES REFLECTED CEILING PLANS TO BE DEMOLISHED.

18.DEMO EXISTING ACT CEILING TILES. PROTECT EXISTING FIXTURES AND CEILING GRID.

DEMOLITION KEY NOTES

TAG#	NOTE
1	DEMO EXISTING LOCKERS. EXISTING LOCKER CONCRETE BASE TO REMAIN. RESIZE EXISTING BASE WITH CONCRETE FILL AS REQUIRED TO FIT NEW LOCKERS.
2	DEMO EXISTING DRINKING FOUNTAIN. DEMO AND PATCH WALL AS NEEDED. REFINISH AND REPAINT NEW CMU. GC TO VERIFY LOCATION
3	DEMO ALL EXISTING INTERIOR EPOXY FLOORING AND ADHESIVE MATERIAL AND WALL BASE. SHOPBLAST CLEAN AND PREPARE FLOOR SURFACE PER MANUFACTURERS RECOMMENDATIONS TO INSTALL NEW FLOORING. REFER TO ROOM FINISH SCHEDULE AND MATERIAL SCHEDULE.
4	DEMO EXISTING BENCHES, REPAIR CONCRETE FLOOR AND PREP FOR NEW EPOXY FLOOR.
5	DEMO CASEWORK AND PATCH WALL AS NEEDED. REFINISH AND REPAINT NEW CMU.
6	DEMO EXISTING SINK AND PATCH WALL AS NEEDED. REF. MEP FOR PLUMBING DEMO REQUIREMENTS
7	REMOVE EXISTING DRYER AND RETURN TO OWNER. ENSURE DRYER IS RETURNED IN SAME CONDITION AS FOUND.
8	REMOVE EXISTING WASHER AND RETURN TO OWNER. ENSURE DRYER IS RETURNED IN SAME CONDITION AS FOUND.
9	DEMO EXISTING INTERIOR CARPET FLOORING AND ADHESIVE MATERIAL AND WALL BASE
10	DEMO EXISTING WIRE MESH PARTITIONS. REPAIR AND PATCH ANY WALLS, CEILINGS AND FLOORING WHICH THE PARTITION IS ATTACHED TO.
11	SAWCUT AND REMOVE EXISTING SLAB. REPLACE UNDERSLAB VAPOR BARRIER AND OVER LAP WITH EXISTING BARRIER ON ALL SIDES. TAPE BARRIER TO ENSURE CONTINUOUS BARRIER. REFERENCE SLAB REPAIR DETAIL 2/AD.01-M
12	DEMO EXISTING GYPSUM CEILING. REF. TO RCP FOR NEW CEILING TYPE AND HEIGHT
13	DEMO EXISTING ACT CEILING TILES. PROTECT EXISTING FIXTURES AND CEILING GRID.
14	DEMO EXISTING HAND DRYERS. DEMO AND PATCH WALL AS NEEDED. REFINISH AND REPAINT NEW CMU. GC TO VERIFY LOCATION
15	DEMO EXISTING LOCKERS AND CONCRETE BASE. LEVEL CONCRETE FLOOR TO PREPARE FOR NEW FINISH DEMO EXISTING INTERIOR CMU WALL
16	DEMO SHOWER DRAIN. REF. PLUMBING DEMO PLAN.
17	DEMO EXISTING INTERIOR CMU WALL. REPAIR FLOORS, CEILINGS AND WALLS TO REMAIN. PREPARE EXISTING WALLS AND CEILINGS TO RECEIVE NEW SCHEDULED FINISHES.
18	REMOVE EXISTING LIGHT FIXTURES AND SUPPORTS. REPAIR CEILING AND REPAINT, AND REPLACE WITH NEW SCHEDULED LIGHT FIXTURE AT SAME LOCATION. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE TYPE AND WIRING REQUIREMENTS.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- FLOOR TO BE SAW CUT AND REMOVED
- NOT IN SCOPE
- SCOPE OF DEMOLITION
- 4 — DEMO KEY NOTE
- AREA TO BE DEMOLISHED
- REMOVE EXISTING CARPET

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THURGOOD MARSHALL HIGH SCHOOL

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REGISTERED ARCHITECT
MICHAEL ADAME
20113
STATE OF TEXAS

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REVISIONS:

Δ	Date	Description
1	12/DD/2025	ADDENDUM #01

100 % CD

A1.02-M
SITE DETAILS TENNIS COURT

MARSHALL HIGH SCHOOL

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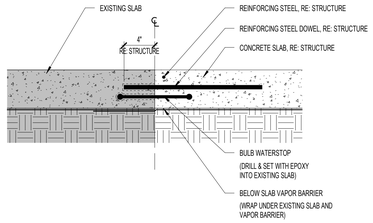
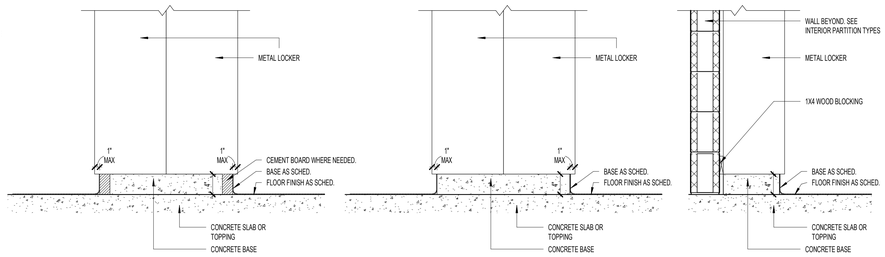
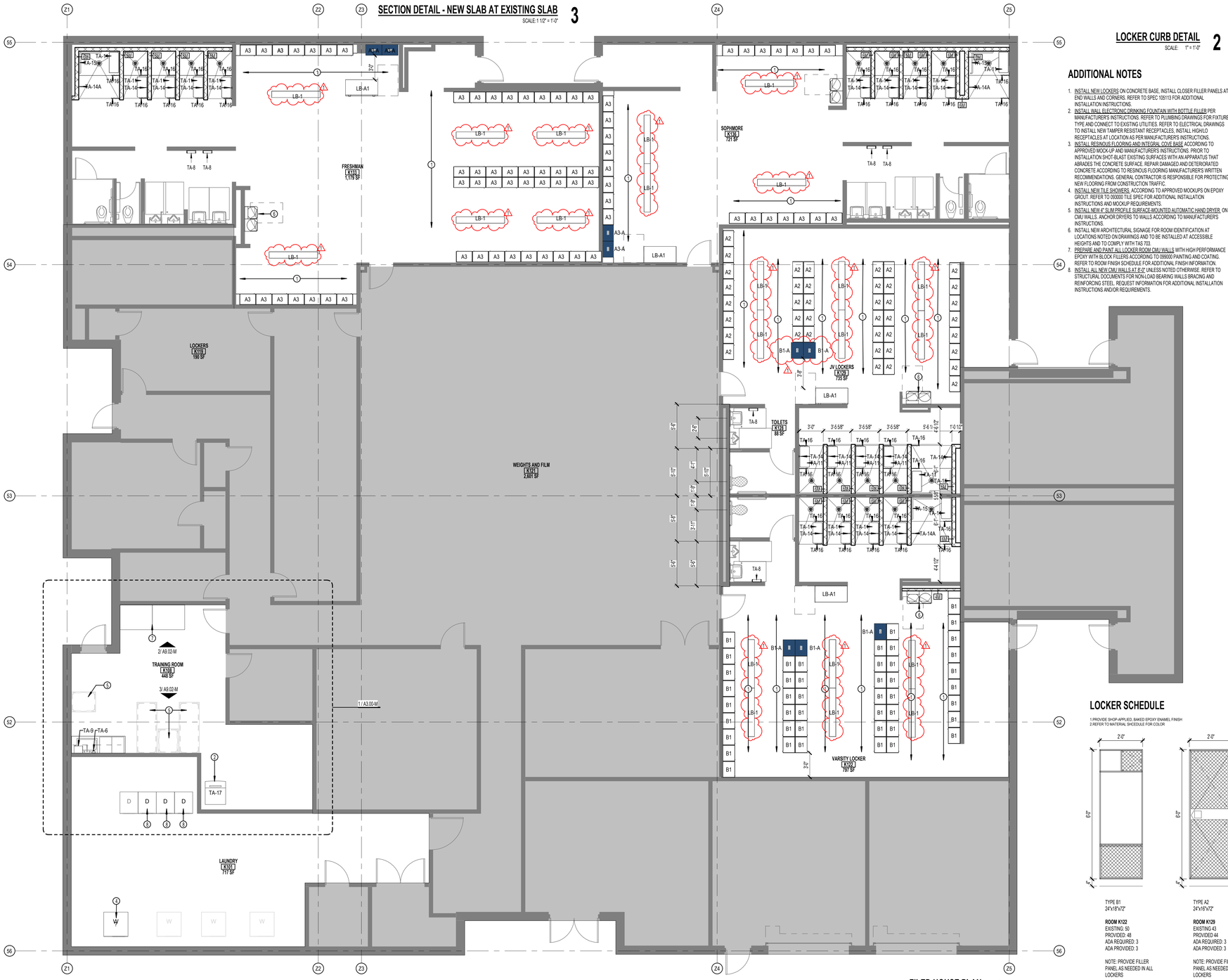




SECTION DETAIL - NEW SLAB AT EXISTING SLAB 3

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



FILED HOUSE PLAN 1

SCALE: 3/16" = 1'-0"

LOCKER CURB DETAIL 2

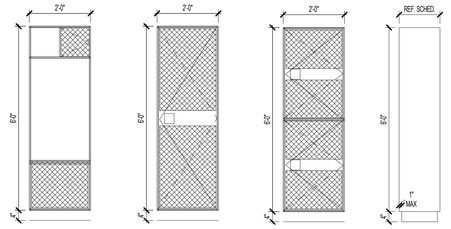
SCALE: 1" = 1'-0"

ADDITIONAL NOTES

1. INSTALL NEW LOCKERS ON CONCRETE BASE. INSTALL CLOSER FILLER PANELS AT END WALLS AND CORNERS. REFER TO SPEC 105113 FOR ADDITIONAL INSTALLATION INSTRUCTIONS.
2. INSTALL WALL ELECTRONIC DRINKING FOUNTAIN WITH BOTTLE FILLER PER MANUFACTURER'S INSTRUCTIONS. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPE AND CONNECT TO EXISTING UTILITIES. REFER TO ELECTRICAL DRAWINGS TO INSTALL NEW TAMPER RESISTANT RECEPTACLES. INSTALL HIGH/LO RECEPTACLES AT LOCATION AS PER MANUFACTURER'S INSTRUCTIONS.
3. INSTALL RESINOUS FLOORING AND INTEGRAL COVE BASE ACCORDING TO APPROVED MOCK-UP AND MANUFACTURER'S INSTRUCTIONS. PRIOR TO INSTALLATION SHOT-BLAST EXISTING SURFACES WITH AN APPARATUS THAT ABRADES THE CONCRETE SURFACE. REPAIR DAMAGED AND DETERIORATED CONCRETE ACCORDING TO RESINOUS FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROTECTING NEW FLOORING FROM CONSTRUCTION TRAFFIC.
4. INSTALL NEW TILE SHOWERS, ACCORDING TO APPROVED MOCKUPS ON EPOXY GROUT. REFER TO 093000 TILE SPEC FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND MOCKUP REQUIREMENTS.
5. INSTALL NEW 4" SLIM PROFILE SURFACE-MOUNTED AUTOMATIC HAND DRYER ON CMU WALLS. ANCHOR DRYERS TO WALLS ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
6. INSTALL NEW ARCHITECTURAL SIGNAGE FOR ROOM IDENTIFICATION AT LOCATIONS NOTED ON DRAWINGS AND TO BE INSTALLED AT ACCESSIBLE HEIGHTS AND TO COMPLY WITH TAS 703.
7. PREPARE AND PAINT ALL LOCKER ROOM CMU WALLS WITH HIGH PERFORMANCE EPOXY WITH BLOCK FILLERS ACCORDING TO 099000 PAINTING AND COATING. REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL FINISH INFORMATION.
8. INSTALL ALL NEW CMU WALLS AT 8'-0" UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL DOCUMENTS FOR NON-LOAD BEARING WALLS BRACING AND REINFORCING STEEL. REQUEST INFORMATION FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND/OR REQUIREMENTS.

LOCKER SCHEDULE

1. PROVIDE SHOP-APPLIED, BAKED EPOXY ENAMEL FINISH
2. REFER TO MATERIAL SHCEDULE FOR COLOR



FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. RE: SHEET A0.30 & SPECIFICATIONS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
5. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
6. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-3" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-3" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
7. REFER TO SHEETS AS SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
8. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- COLUMN GRID
- EXTERIOR ELEVATION TAG
- INTERIOR ELEVATION TAG
- BUILDING SECTION TAG
- WALL SECTION TAG
- ENLARGED CALL OUT
- DOOR TAG
- PARTITION TAG
- HOLLOW METAL WINDOW TAG
- ALUMINUM WINDOW TAG
- 5' DIAMETER ADA TURN AROUND

FLOOR PLAN NOTES BY NUMBER

TAG #	NOTE
1	NEW LOCKERS AND BENCHES
2	NEW ICE MACHINE
4	NEW WASHER
5	NEW TRAINING ROOM FURNITURE; FFE
6	NEW DRINKING WATER FOUNTAIN WITH BOTTLE FILLERS
7	NEW CABINETS
8	NEW DRYER

SPECIALTY EQUIPMENT

TAG	EQUIPMENT
A1	LOCKER - 24" W X 18" D X 72" H
A2	LOCKER - 24" W X 16" D X 72" H
A3	LOCKER - 24" W X 16" D X 72" H
A4	LOCKER - 12" W X 16" D X 72" H
B	LOCKER - 24" W X 18" D X 72" H
LB-1	LOCKER BENCH - 72" L X 9 1/2" W
LB-2	LOCKER BENCH - 96" L X 9 1/2" W
LB-A1	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT WALL
LB-A2	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT BACK

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

1220 Buffalo Run, Missouri City, TX 77489
THURGOOD MARSHALL HIGH SCHOOL

FBISD
INSPIRE • EQUIP • IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

NO.	Date	Description
1	12/DD/2025	ADDENDUM #01

100 % CD

A2.01-M
01 FLOOR PLAN FIELD HOUSE

MARSHALL HIGH SCHOOL

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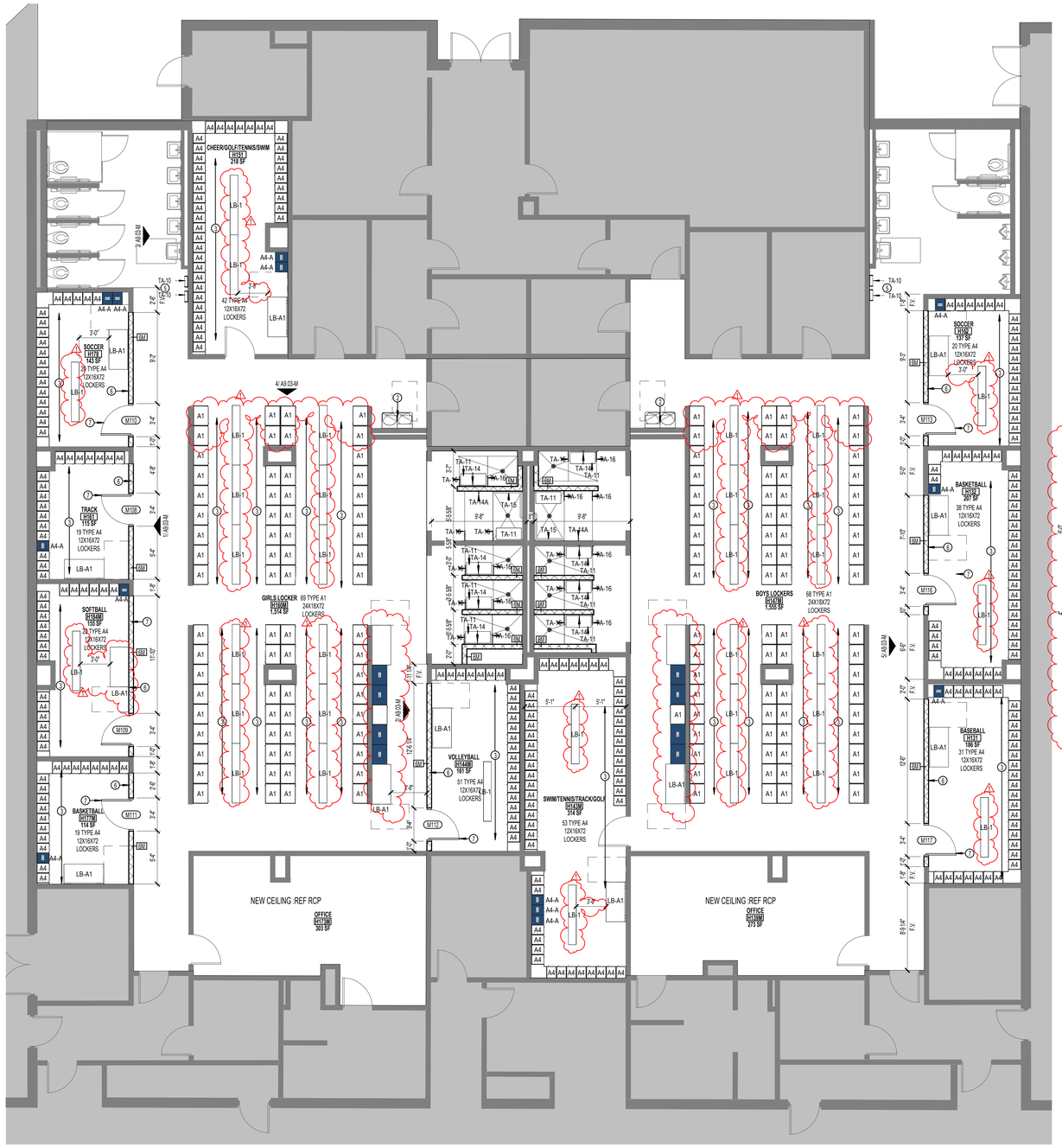
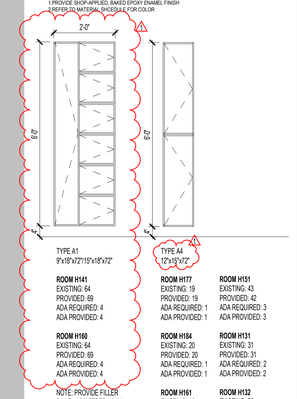


LOCKER SCHEDULE

1 PROVIDE SHOP-APPLIED, BAKED EPOXY ENAMEL FINISH
2 REFER TO MATERIAL SHEDULE FOR COLOR



TYPE A1
9'x18'x72"/15'x18'x72"

TYPE A4
12'x15'x72"

ROOM H141
EXISTING: 64
PROVIDED: 69
ADA REQUIRED: 4
ADA PROVIDED: 4

ROOM H160
EXISTING: 64
PROVIDED: 69
ADA REQUIRED: 4
ADA PROVIDED: 4

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

ROOM H177
EXISTING: 19
PROVIDED: 19
ADA REQUIRED: 1
ADA PROVIDED: 1

ROOM H184
EXISTING: 20
PROVIDED: 20
ADA REQUIRED: 1
ADA PROVIDED: 1

ROOM H161
EXISTING: 18
PROVIDED: 19
ADA REQUIRED: 1
ADA PROVIDED: 1

ROOM H178
EXISTING: 21
PROVIDED: 20
ADA REQUIRED: 2
ADA PROVIDED: 2

ROOM H144
EXISTING: 23
PROVIDED: 23
ADA REQUIRED: 2
ADA PROVIDED: 2

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

ROOM H151
EXISTING: 43
PROVIDED: 42
ADA REQUIRED: 3
ADA PROVIDED: 3

ROOM H131
EXISTING: 31
PROVIDED: 31
ADA REQUIRED: 2
ADA PROVIDED: 2

ROOM H132
EXISTING: 38
PROVIDED: 38
ADA REQUIRED: 2
ADA PROVIDED: 2

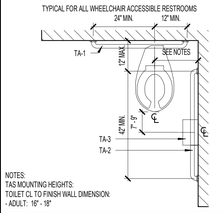
ROOM H162
EXISTING: 20
PROVIDED: 20
ADA REQUIRED: 1
ADA PROVIDED: 1

ROOM H143
EXISTING: 44
PROVIDED: 53
ADA REQUIRED: 3
ADA PROVIDED: 3

LOCKER ROOM PLAN 1

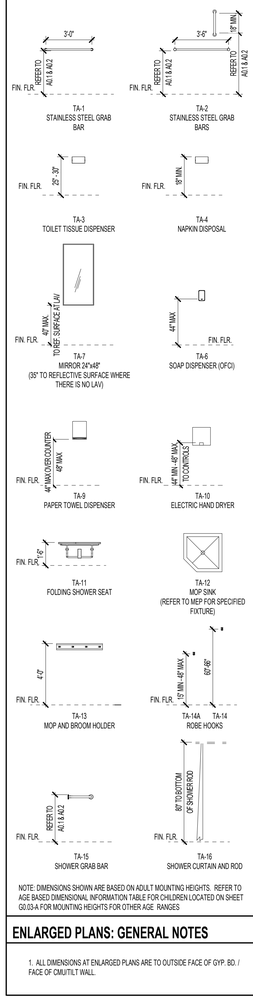
SCALE: 3/16" = 1'-0"

RESTROOM WHEELCHAIR ACCESS, TYPICAL



NOTES:
TAS MOUNTING HEIGHTS:
TOILET CL TO FINISH WALL DIMENSION:
- ADULT: 16" - 18"

TYPICAL MOUNTING HEIGHTS, U.N.O.



NOTE: DIMENSIONS SHOWN ARE BASED ON ADULT MOUNTING HEIGHTS. REFER TO AGE BASED DIMENSIONAL INFORMATION TABLE FOR CHILDREN LOCATED ON SHEET G0.03-A FOR MOUNTING HEIGHTS FOR OTHER AGE RANGES

ENLARGED PLANS: GENERAL NOTES

1. ALL DIMENSIONS AT ENLARGED PLANS ARE TO OUTSIDE FACE OF GYP. BD. / FACE OF CMU/TILT WALL.

FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. RE: SHEET A0.30 & SPECIFICATIONS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
5. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD FACE OF CMU FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
6. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-4" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-3" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
7. REFER TO SHEETS A3 SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
8. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- AB — COLUMN GRID
- Ref / 20 / A101 — EXTERIOR ELEVATION TAG
- 1/ A101 Ref — INTERIOR ELEVATION TAG
- SIM / A101 — BUILDING SECTION TAG
- 1 / A101 — WALL SECTION TAG
- 21 / A101 SIM. — ENLARGED CALL OUT
- 101 — DOOR TAG
- AX1 — PARTITION TAG
- HOLLOW METAL WINDOW TAG
- 1 — ALUMINUM WINDOW TAG
- 5' DIAMETER ADA TURN AROUND

FLOOR PLAN NOTES BY NUMBER

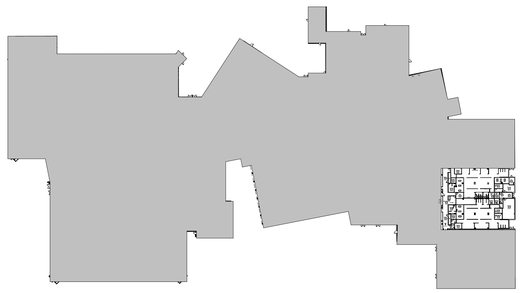
TAG #	NOTE
2	NEW WATER FOUNTAINS WITH BOTTLE FILLERS
3	NEW LOCKERS AND BENCHES
5	NEW HANDRYERS
6	NEW PARTITION WALL 8' TALL
7	NEW HOLLOW METAL DOOR

SPECIALTY EQUIPMENT

TAG	EQUIPMENT
A1	LOCKER - 24" W X 18" D X 72" H
A2	LOCKER - 24" W X 16" D X 72" H
A3	LOCKER - 24" W X 16" D X 72" H
A4	LOCKER - 12" W X 16" D X 72" H
B	LOCKER - 24" W X 18" D X 72" H
LB-1	LOCKER BENCH - 72" L X 9 1/2" W
LB-2	LOCKER BENCH - 96" L X 9 1/2" W
LB-A1	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT WALL
LB-A2	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT BACK

ADDITIONAL NOTES

1. INSTALL NEW LOCKERS ON CONCRETE BASE. INSTALL CLOSER FILLER PANELS AT END WALLS AND CORNERS. REFER TO SPEC 105113 FOR ADDITIONAL INSTALLATION INSTRUCTIONS.
2. INSTALL WALL ELECTRONIC DRINKING FOUNTAIN WITH BOTTLE FILLER PER MANUFACTURER'S INSTRUCTIONS. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPE AND CONNECT TO EXISTING UTILITIES. REFER TO ELECTRICAL DRAWINGS TO INSTALL NEW TAMPER RESISTANT RECEPTACLES. INSTALL HIGHLO RECEPTACLES AT LOCATION AS PER MANUFACTURER'S INSTRUCTIONS.
3. INSTALL RESINOUS FLOORING AND INTEGRAL COVE BASE ACCORDING TO APPROVED MOCK-UP AND MANUFACTURER'S INSTRUCTIONS. PRIOR TO INSTALLATION SHOT-BLAST EXISTING SURFACES WITH AN APPARATUS THAT ABRADES THE CONCRETE SURFACE. REPAIR DAMAGED AND DETERIORATED CONCRETE ACCORDING TO RESINOUS FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROTECTING NEW FLOORING FROM CONSTRUCTION TRAFFIC.
4. INSTALL NEW TILE SHOWERS ACCORDING TO APPROVED MOCKUPS ON EPOXY GROUT. REFER TO 093000 TILE SPEC FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND MOCKUP REQUIREMENTS.
5. INSTALL NEW 4" SLIM PROFILE SURFACE-MOUNTED AUTOMATIC HAND DRYER ON CMU WALLS. ANCHOR DRYERS TO WALLS ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
6. INSTALL NEW ARCHITECTURAL SIGNAGE FOR ROOM IDENTIFICATION AT LOCATIONS NOTED ON DRAWINGS AND TO BE INSTALLED AT ACCESSIBLE HEIGHTS AND TO COMPLY WITH TAS 703.
7. PREPARE AND PAINT ALL LOCKER ROOM CMU WALLS WITH HIGH PERFORMANCE EPOXY WITH BLOCK FILLERS ACCORDING TO 099000 PAINTING AND COATING. REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL FINISH INFORMATION.
8. INSTALL ALL NEW CMU WALLS AT 8'-0" UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL DOCUMENTS FOR NON-LOAD BEARING WALLS BRACING AND REINFORCING STEEL. REQUEST INFORMATION FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND/OR REQUIREMENTS.



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THURGOOD MARSHALL HIGH SCHOOL

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16431 Lexington Blvd.
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REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

No.	Date	Description
1	12/DD/2025	ADDENDUM #01

100 % CD

A2.02-M
01 FLOOR PLAN GYM LOCKER

MARSHALL HIGH SCHOOL

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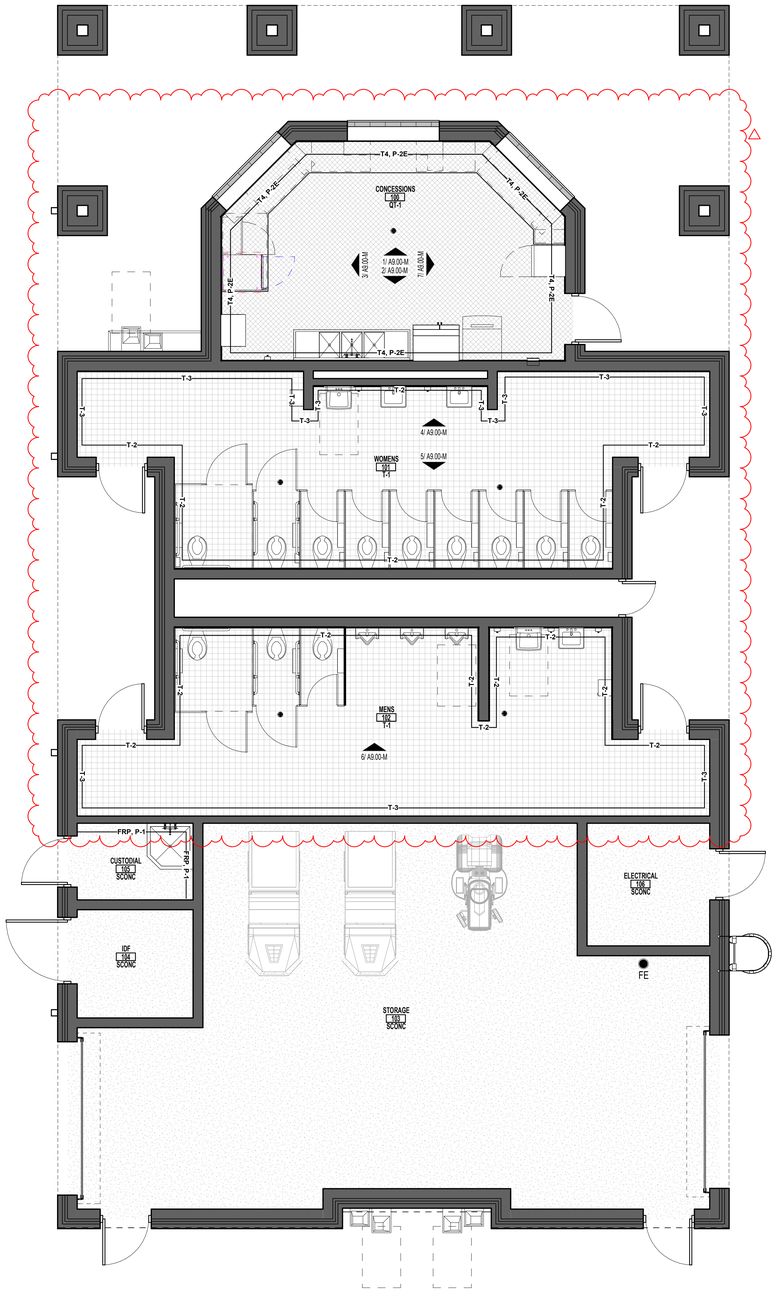
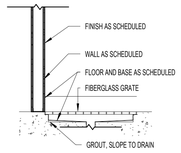


FINISH FLOOR PLAN- CONCESSIONS 8
SCALE: 1/4" = 1'-0"



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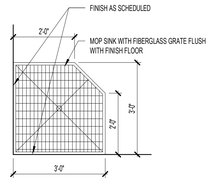
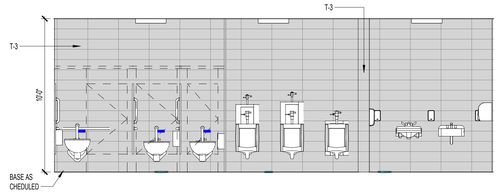
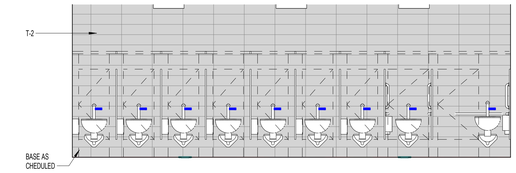


PLAN
MOP SINK 9
SCALE: 1/2" = 1'-0"

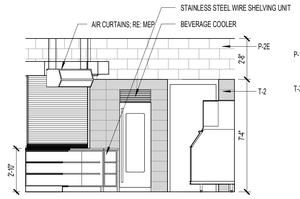
ROOM FINISH SCHEDULE - CONCESSIONS BUILDING								
ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
100	CONCESSIONS	QT-1	TB-2	T, P-2E	T, P-2E	T, P-2E	T, P-2E	7' HEIGHT WALL TILE AND P-2E ABOVE. REF TO FINISH PLAN
101	WOMENS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF TO FINISH PLAN
102	MENS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF TO FINISH PLAN
103	STORAGE	SCONC	RB-1	P-1	P-1	P-1	P-1	
104	IDF	SCONC	RB-1	P-1	P-1	P-1	P-1	
105	CUSTODIAL	SCONC	RB-1	FRP, P-1	FRP, P-1	P-1	P-1	7' HEIGHT FRP AND P-1 ABOVE. REF FINISH PLAN
106	ELECTRICAL	SCONC	RB-1	P-1	P-1	P-1	P-1	



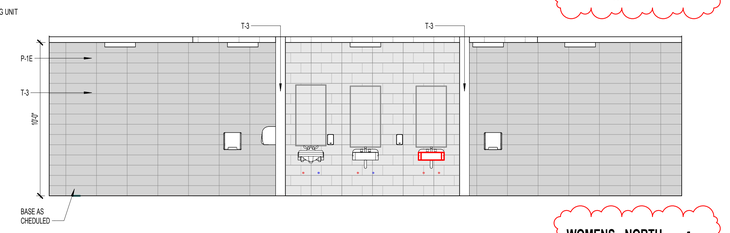
MENS - NORTH 6
SCALE: 1/4" = 1'-0"



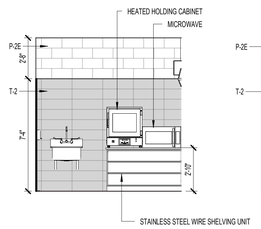
WOMENS - SOUTH 5
SCALE: 1/4" = 1'-0"



CONCESSIONS - EAST 7
SCALE: 1/4" = 1'-0"



WOMENS - NORTH 4
SCALE: 1/4" = 1'-0"



CONCESSIONS - WEST 3
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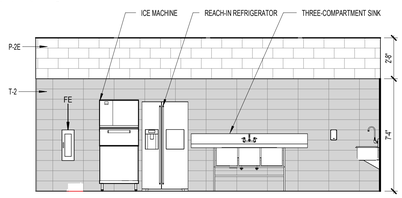
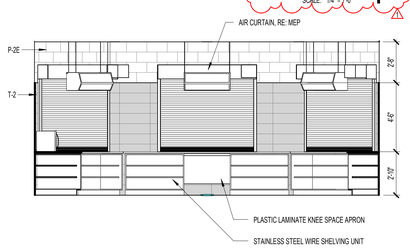


CONCESSIONS - SOUTH 2
SCALE: 1/4" = 1'-0"



CONCESSIONS - NORTH 1
SCALE: 1/4" = 1'-0"

MATERIAL FINISH LEGEND

T-1 (PORCELAIN TILE) — SCONC (SEALED CONCRETE)

QT-1 (QUARRY TILE)

PROVIDE CONTROL JOINTS (C.J.) AS SHOWN & AT COLOR CHANGES. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS

SYMBOLS

MW	MARKER WALL - DRY ERASE WALL-COVERING
CJ	CONTROL JOINT*
EJ	EXPANSION JOINT
CG	CORNER GUARD
HLB	HORIZONTAL LOUVER BLINDS
RS	ROLLER SHADES

T-X, P-X — WALL FINISH. REF TO MATERIAL SCHEDULE FOR FINISH TYPE MARKS

ROOM
100
PCON
FLOOR FINISH

* PROVIDE CONTROL JOINTS AS SHOWN. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS. REFER TO STRUCTURAL DWGS FOR DIMENSIONS. AT COLOR TRANSITIONS, PROVIDE SCORE LINE U.N.O.

** REFER TO ROOM FINISH SCHEDULE FOR FULL LIST OF FINISH WITHIN ROOM

WALL FINISH TYPES

P-1	PAINT
P-1E	EPOXY PAINT
T-2	WALL TILE
TB-1	WALL BASE
RB-1	RUBBER BASE

FLOOR FINISH TYPES

QT-1	QUARRY TILE
SCONC	SEALED CONCRETE
T1	FLOOR TILE

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100 % CD

A9.00-M
01 CONCESSION FINISH FLOOR AND INTERIOR ELEVATIONS
MARSHALL HIGH SCHOOL

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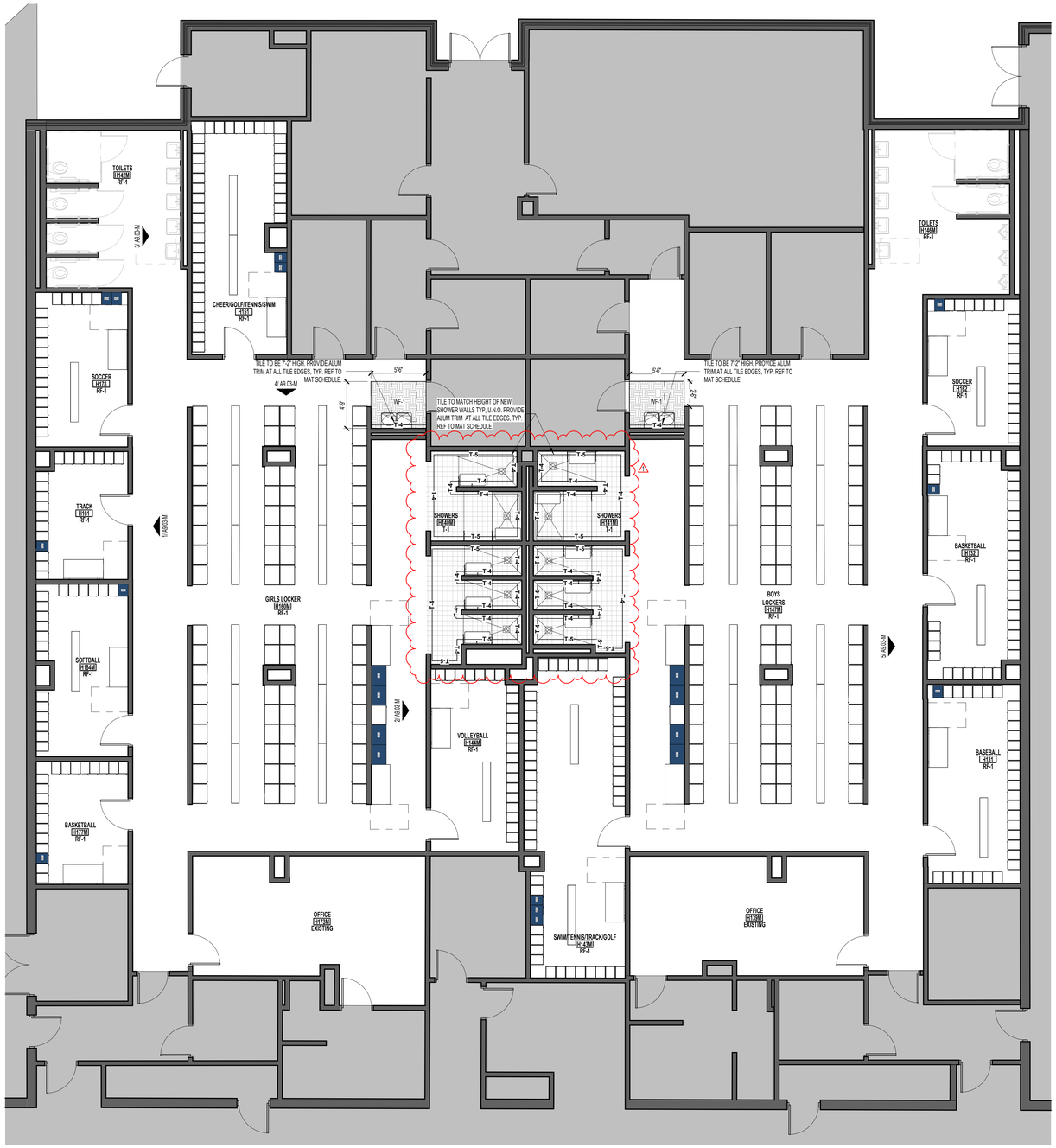

FINISH FLOOR PLAN LOCKER ROOM- M 1

SCALE: 3/16" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. RE: SHEET A0.30 & SPECIFICATIONS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
5. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
6. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-2" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-2" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
7. REFER TO SHEETS A3 SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
8. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- COLUMN GRID
- EXTERIOR ELEVATION TAG
- INTERIOR ELEVATION TAG
- BUILDING SECTION TAG
- WALL SECTION TAG
- ENLARGED CALL OUT
- DOOR TAG
- PARTITION TAG
- HOLLOW METAL WINDOW TAG
- ALUMINUM WINDOW TAG
- 5' DIAMETER ADA TURN AROUND

FLOOR PLAN NOTES BY NUMBER

TAG #	NOTE

SPECIALTY EQUIPMENT

TAG	EQUIPMENT
A1	LOCKER - 24" W X 18" D X 72" H
A2	LOCKER - 24" W X 16" D X 72" H
A3	LOCKER - 24" W X 16" D X 72" H
A4	LOCKER - 12" W X 16" D X 72" H
B	LOCKER - 24" W X 18" D X 72" H
LB-1	LOCKER BENCH - 72" L X 9 1/2" W
LB-2	LOCKER BENCH - 96" L X 9 1/2" W
LB-A1	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT WALL

MATERIAL FINISH LEGEND

48" L X 24" W AT BACK

T-1 (PORCELAIN TILE) RF-1 (RESINOUS FLOORING)

PROVIDE CONTROL JOINTS (C.J.) AS SHOWN & AT COLOR CHANGES. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS.

SYMBOLS

MW	MARKER WALL - DRY ERASE WALL-COVERING
CJ	CONTROL JOINT*
EJ	EXPANSION JOINT
CG	CORNER GUARD
HLB	HORIZONTAL LOUVER BLINDS
RS	ROLLER SHADES

CPT / VCT — FLOOR FINISH TRANSITION

INSTALL DIRECTION

ROOM 100 PCON — FLOOR FINISH

* PROVIDE CONTROL JOINTS AS SHOWN. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS. REFER TO STRUCTURAL DWGS FOR DIMENSIONS AT COLOR TRANSITIONS. PROVIDE SCORE LINE U.N.O.

** REFER TO ROOM FINISH SCHEDULE FOR FULL LIST OF FINISH WITHIN ROOM

WALL FINISH TYPES

P-1	PAINT
P-1E	EPOXY PAINT
T-2	WALL TILE
TB-1	WALL BASE
RB-1	RUBBER BASE

FLOOR FINISH TYPES

QT-1	QUARRY TILE
SCONC	SEALED CONCRETE
T1	FLOOR TILE

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1220 Buffalo Run, Missouri City, TX 77489

THURGOOD MARSHALL HIGH SCHOOL

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REGISTERED ARCHITECT MICHAEL ADAMS 20113 STATE OF TEXAS

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A9.01-M

01 GYM FINISH FLOOR PLAN

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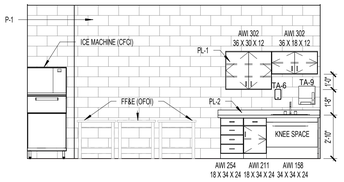

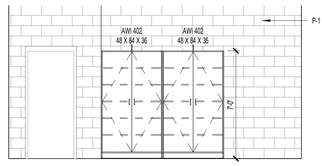

TRAINING ROOM - SOUTH 3
SCALE: 1/4" = 1'-0"

TRAINING ROOM - NORTH 2
SCALE: 1/4" = 1'-0"

FIELD HOUSE FINISH FLOOR PLAN 1
SCALE: 3/16" = 1'-0"

MATERIAL FINISH LEGEND

T-1 (PORCELAIN TILE)
RF-1 (RESINOUS FLOORING)

PROVIDE CONTROL JOINTS (C.J.) AS SHOWN & AT COLOR CHANGES. WHERE CONTROL JOINTS ARE NOT SHOWN, REFER TO STRUCTURAL DWGS

SYMBOLS

MW	MARKER WALL - DRY ERASE WALL-COVERING
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** REFER TO ROOM FINISH SCHEDULE FOR FULL LIST OF FINISH WITHIN ROOM

WALL FINISH TYPES

P-1	PAINT
P-1E	EPOXY PAINT
T-2	WALL TILE
TB-1	WALL BASE
RB-1	RUBBER BASE

FLOOR FINISH TYPES

QT-1	QUARRY TILE
SCONC	SEALED CONCRETE
T1	FLOOR TILE

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A9.02-M
01 FIELD HOUSE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS

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ROOM FINISH SCHEDULE - GYM LOCKERS

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
H131	BASEBALL	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H132	BASKETBALL	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H140M	SHOWERS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF TO FINISH PLAN
H141M	SHOWERS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF TO FINISH PLAN
H142M	TOILETS	RF-1	RFB-1	P-1E	P-1E	P-1E	P-1E	
H143M	SWIM/TENNIS/TRACK/GOLF	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H144M	VOLLEYBALL	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H146M	TOILETS	RF-1	RFB-1	P-1E	P-1E	P-1E	P-1E	
H147M	BOYS LOCKERS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H151	CHEER/GOLF/TENNIS/SWIM	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H160M	GIRLS LOCKER	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H161	TRACK	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H162	SOCCER	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H166	STORAGE	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H174	STORAGE	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H177M	BASKETBALL	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H178	SOCCER	RF-1	RFB-1	P-1	P-1	P-1	P-1	
H184M	SOFTBALL	RF-1	RFB-1	P-1	P-1	P-1	P-1	

ROOM FINISH SCHEDULE - FIELD HOUSE

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
K122	VARSITY LOCKER	RF-1	RFB-1	P-1	P-1	P-1	P-1	
K126	SHOWERS	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF TO FINISH PLAN
K128	TOILETS	T-1	TB-1	P-1E	P-1E	P-1E	P-1E	
K129	JV LOCKERS	RF-1	RFB-1	P-1	P-1	P-1	P-1	
K131	TOILETS	T-1	TB-1	P-1E	P-1E	P-1E	P-1E	
K133	FRESHMAN	RF-1	RFB-1	P-1	P-1	P-1	P-1	
K134	SHOWERS AND TOILET ROOM	T-1	TB-1	T, P-1E	T, P-1E	T, P-1E	T, P-1E	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF TO FINISH PLAN
K135	SHOWERS AND TOILET ROOM	T-1	TB-1	T	T	T	T	FULL HEIGHT TILE, HORIZONTALLY STACKED. REF TO FINISH PLAN
K136	SOPHMORE	RF-1	RFB-1	P-1	P-1	P-1	P-1	

MATERIAL SCHEDULE

MARK	MATERIAL	MANUFACTURER	STYLE	COLOR	SPECS	REMARKS
01 FLOOR FINISH						
QT-1	QUARRY TILE	AMERICAN OLEAN	QUARRY NATURALS	SHADOW GRAY	EX6 EPOXY COAT OVER	CONSESSION BUILDING
RS-1	RESINOUS FLOORING	STONHARD	STONSHIELD STL	CUSTOM (GRAY BASE AND SCHOOL COLOR ACCENT)		LOCKER ROOMS EPOXY FLOORING
SCONC	SEALED CONCRETE					NEW STORAGE ROOMS
T-1	PORCELAIN TILE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY	2X2 MOSAIC	NEW RESTROOMS
WF-1	WALK-OFF CARPET	TARKETT	ABRASIVE ACTION II	WINTER GRAY	POWERBOND, ROLL	AT DRINKING FOUNTAINS
02 BASE						
RB-1	RUBBER BASE	JOHNSONITE	4" COVE BASE	COLOR: TBD	4" HEIGHT	FIELD RUBBER BASE
RFB-1	RESINOUS FLOORING BASE	STONHARD	STONSHIELD STL	CUSTOM (GRAY BASE AND SCHOOL COLOR ACCENT)	COVE BASE	AT WALLS AND LOCKER BASE
TB-1	TILE BASE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GRAY		NEW RESTROOMS
TB-2	QUARRY TILE BASE	AMERICAN OLEAN	QUARRY NATURALS	SHADOW GRAY		CONSESSION BUILDING
03 WALL FINISH						
FRP	FIBERGLASS REINFORCED PANEL					AT MOP SINK. REF TO FINISH PLAN
P-1	PAINT	SHERWIN WILLIAMS		SW 7653 SILVERPOINTE		FIELD PAINT
P-1E	EPOXY PAINT	SHERWIN WILLIAMS		MATCH FIELD PAINT (P-1)		EPOXY PAINT AT WET AREAS
P-2	PAINT	SHERWIN WILLIAMS		SW 6984 BRITTLEBUSH		ACCENT, SCHOOL COLOR
P-2E	PAINT	SHERWIN WILLIAMS		TO MATCH P-2 U.N.O.	REF SPECS FOR FINISH PAINT	ACCENT, SCHOOL COLOR
P-3	PAINT	SHERWIN WILLIAMS		SW 7067 CITYSCAPE	REF SPECS FOR FINISH PAINT	NEW DOORS
T-2	WALL TILE	AMERICAN OLEAN	COLOR STORY FLOOR	DESIGNER WHITE 0061	12X24	NEW RESTROOMS
T-3	WALL TILE	AMERICAN OLEAN	COLOR COMPLEMENTS	CUSTOM: TO MATCH T-5 COLOR	12X24	NEW RESTROOMS
T-4	WALL TILE	AMERICAN OLEAN	COLOR STORY WALL	CALM	4"X12", GLOSSY, HORIZONTALLY STACKED	SHOWERS AND DRINKING FOUNTAINS
T-5	WALL TILE	CROSSVILLE	COLOR PERSPECTIVES	POLLEN	4"X12", GLOSSY, HORIZONTALLY STACKED	SHOWERS, ACCENT
04 CEILING						
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	FINE FISSURED, SCHOOL ZONE	WHITE	2X2 SQUARE EDGE	CONSESSION BUILDING
ACT-2	ACOUSTIC CEILING TILE	ARMSTRONG	CLEAN ROOM VL NO.668	WHITE	2X2 SQUARE EDGE	CONSESSIONS, FOOD PREP AREA
ACT-3	ACOUSTIC CEILING TILE	ARMSTRONG	CLEAN ROOM VL NO.870	WHITE	2X2 SQUARE EDGE	RESTROOMS
EXP-1	EXPOSED CEILING			TO BE PAINTED P-1 U.N.O.		CONSESSION BUILDING
MCS-1	METAL CEILING SYTEM	CERTAINTEED	BOX SERIES 6 EXTERIOR			SOFFIT AT CONCESSION BUILDING
05 MISC FINISHES						
	LOCKERS	LIST INDUSTRIES		BLACK		REF TO LOCKER SCHEDULE
	BENCHES	LIST INDUSTRIES		GRAY TOPS & STEEL PEDESTALS		REF SPECS
06 TRANSITION						
TR-1	ALUMINUM TRANSITION	SCHLUTER	JOLLY	ANODIZED		AT TILE EDGES
TR-2	ALUMINUM TRANSITION	SCHLUTER	RENO-TK	ANODIZED		CARPET TO RESINUOUS FLOOR
07 EXTERIOR						
BR-1	BRICK	KANSAS BRICK & TILE	UTILITY	550 DARK	RUNNING BOND	
BR-2	BRICK	KANSAS BRICK & TILE	UTILITY	500 CHARCOAL	RUNNING BOND	
BR-3	BRICK	KANSAS BRICK & TILE	UTILITY	530 DARK	RUNNING BOND	
CMU-1	BURNISHED FACE BLOCK	BEST BLOCK		#702 LIMESTONE CREAM		EXTERIOR
CMU-2	SMOOTH FACE	BEST BLOCK		TO BE PAINTED P-1 U.N.O.		CMU INTERIOR WALLS
EP-1	EXTERIOR ACCENT PAINT	SHERWIN WILLIAMS				
MP-1	METAL PANEL	BERRIDGE				
MP-4	METAL PANEL	BERRIDGE				
PM-1	PREFINISHED METAL					ROOF COPING, GUTTERS, DOWNSPOUTS

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20113
STATE OF TEXAS

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MATERIAL AND ROOM FINISH SCHEDULES

MARSHALL HIGH SCHOOL

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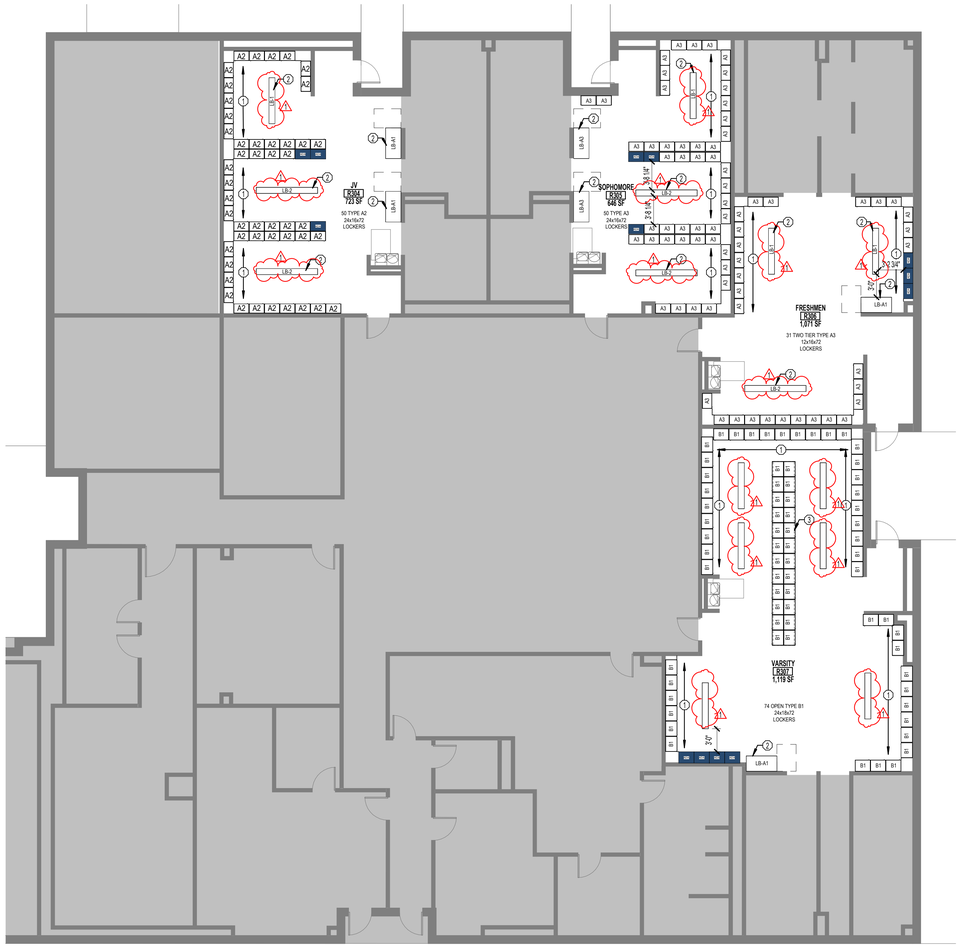
A2 A2 A2 A2
A2 A2 A2 A2 A2 A2
A2 A2 A2 A2 A2 A2
LB-A2
LB-A1
LB-2
JV
[R304]
723 SF
50 TYPE A2
24x18x72
LOCKERS
SOPHOMORE
[R305]
648 SF
50 TYPE A3
24x18x72
LOCKERS
25'-0"
2'-0 1/4"
FRESHMEN
[R306]
1,071 SF
31 TWO TIER TYPE A3
12x18x72
LOCKERS
2'-0 3/4"
VARSITY
[R307]
1,119 SF
74 OPEN TYPE B1
24x18x72
LOCKERS
3'-0"
B1 B1 B1 B1 B1 B1 B1 B1
B1 B1 B1 B1 B1 B1 B1 B1
B1 B1 B1 B1 B1 B1 B1 B1

ROOM FINISH SCHEDULE - LOCKER ROOM

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	NOTES
R204	JV	EXISTING	RB-1	P-1	P-1	P-1	P-1	NEW RUBBER BASE AT NEW CONCRETE BASE ONLY
R205	SOPHOMORE	EXISTING	RB-1	P-1	P-1	P-1	P-1	NEW RUBBER BASE AT NEW CONCRETE BASE ONLY
R206	FRESHMAN	EXISTING	RB-1	P-1	P-1	P-1	P-1	NEW RUBBER BASE AT NEW CONCRETE BASE ONLY
R207	VARSITY	EXISTING	RB-1	P-1	P-1	P-1	P-1	NEW RUBBER BASE AT NEW CONCRETE BASE ONLY

ROOM FINISH SCHEDULE - STORAGE SHED (ALTERNATE 6)

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	NOTES
100	STORAGE	SCONC-1	RB-2	P-4	P-4	P-4	P-4	

MATERIAL SCHEDULE

	MARK	MATERIAL	MANUFACTURER	STYLE	COLOR	SPECS	REMARKS
01 FLOOR FINISH							
RF-1		RESINOUS FLOORING	STONHARD	STONSHIELD S.T.	MATCH EXISTING		PATCHING AS APPLICABLE
SCONC-1		SEALED CONCRETE					NEW STORAGE SHED, ALTERNATE 6
02 BASE							
RB-1		RUBBER BASE	JOHNSONITE			COVE, 4" H	MATCH EXISTING
RB-2		RUBBER BASE	JOHNSONITE		BLACK	COVE, 4" H	NEW STORAGE SHED, ALTERNATE 6
03 WALL FINISH							
P-1		PAINT	SHERWIN WILLIAMS		MATCH EXISTING		COLOR APPVD.
P-2		PAINT	SHERWIN WILLIAMS		SW 7075 IRON ORE		NEW DOORS, ALTERNATE 6
P-3		PAINT	SHERWIN WILLIAMS		SW 6487 TEAL ARROW		SOLDIER COURSE ACCENT
P-4		PAINT	SHERWIN WILLIAMS		SW 7064 PASSIVE		ALTERNATE 6, FIELD PAINT
04 EQUIPMENT							
	LOCKERS		LIST INDUSTRIES		72in RIP RAILY PURPLE		REF TO LOCKER SCHEDULE
	BENCHES		LIST INDUSTRIES		GRAY TOPS & STEEL PEDESTALS	REF SPECS	
05 CEILING							
CEX-1					MATCH P-4, U.N.O.	REF SPECS FOR PAINT FINISH	NEW STORAGE SHED, ALTERNATE 6
06 EXTERIOR							
CMU-1			BEST BLOCK	SPLIT FACE	#200 ISLAND SAND		NEW STORAGE SHED, ALTERNATE 6

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MATERIAL SCHEDULE & INTERIOR DETAILS

RIDGEPOINT HIGH SCHOOL

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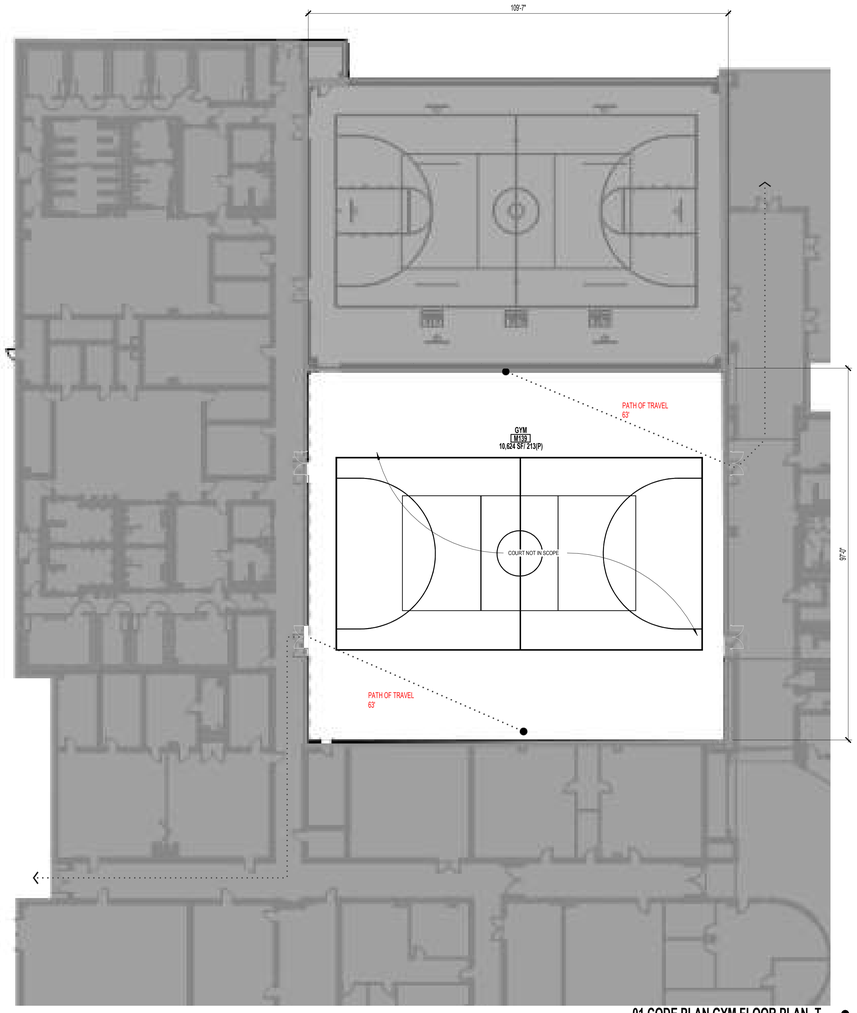

01 CODE PLAN GYM FLOOR PLAN- T 3

SCALE: 1/16" = 1'-0"

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND ILLUMINATED EXIT SIGNS.
2. REFER TO A0.01 FOR COMPOSITION OF RATED PARTITIONS.
3. REFER TO A8.00 FOR DOOR SCHEDULE IDENTIFING FIRE RATING RATINGS
4. IF AN OPENING OCCURS IN A RATED WALL, REFER TO THE SPECIFICATIONS FOR REQUIREMENTS.
5. FIRE SPRINKLER SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE SPRINKLER SYSTEM
6. FIRE ALARM SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE ALARM SYSTEM. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARD 14 AND THE COUNTY FIRE MARSHALL
7. ALL EXITS SHALL COMPLY WITH ACCESSIBLE STANDARDS AND DISCHARGE TO A PAVED PUBLIC WAY, OR A PAVED SIDEWALK WHICH LEADS TO A PUBLIC WAY.
8. BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE COUNTY FIRE CODE AND REFERENCED DOCUMENTS.

APPLICABLE CODES- FORTBEND COUNTY- FORTBEND COUNTY

2015 IBC INTERNATIONAL BUILDING CODE
2015 IMC INTERNATIONAL MECHANICAL CODE
2015 IPC INTERNATIONAL PLUMBING CODE
2012 NFPA (NATIONAL FIRE PROTECTION AGENCY) 101 LIFE SAFETY CODE (CHAPTER 43 - 2006 NFPA 101)
2012 NFPA (NATIONAL FIRE PROTECTION AGENCY) 170 STANDARD FOR FIRE SAFETY AND EMERGENCY SYMBOLS
2014 NFPA (NATIONAL FIRE PROTECTION AGENCY) 70 NATIONAL ELECTRICAL CODE
2013 ASHRAE STANDARD 90.01 - ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS
TAS TEXAS ACCESSIBILITY STANDARDS (ADOPTED MARCH 2012)
2021 INTERNATIONAL FIRE CODE

2015 IBC COMPLIANCE DATA

CHAPTER 3 – USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 – EDUCATIONAL GROUP E

RENOVATION AREA ACTUAL
LEVEL 1: GYM: 10,427 SQUARE FEET

TABLE 716.5 - OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS
FOR FIRE WALLS & FIRE BARRIERS WITH A 2 HR FIRE RATING, OPENINGS SHALL HAVE A 1.5 HR FIRE RATING, MAX. 100 SQ IN OF GLAZING.
FOR FIRE BARRIERS AT EXIT COMPONENTS WITH A 1 HR FIRE RATING, OPENINGS SHALL HAVE A 1 HR FIRE RATING
FOR FIRE BARRIERS AT OTHER LOCATION WITH A 1 HR FIRE RATING, OPENINGS SHALL HAVE A 3/4 HR FIRE RATING

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: 1 HOUR IF <30 FT FROM OTHER STRUCTURES; NO RATING REQUIRED IF >30 FT FROM OTHER STRUCTURES; BUILDING IS HUNDREDS OF FEET FROM ANOTHER STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
903.2.3 - FOR GROUP E: REQUIRED FOR FIRE AREAS GREATER THAN 12,000 SQ. FT., BUILDING IS FULLY SPRINKLERED

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 75 FT. MAX. DISTANCE TO TRAVEL TO EXTINGUISHER
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 11,250 SQ. FT. MAX FLOOR AREA FOR EXTINGUISHER

CHAPTER 10 - MEANS OF EGRESS

SECTION 1004 OCCUPANT LOAD
1004.1.2 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

STORAGE, MECHANICAL	300 SQ. FT., GROSS
ASSEMBY WITH FIXED SEATS	18" PER OCCUPANT IN BLEACHERS
ASSEMBLY WITHOUT FIXED SEATS	
(TABLES AND CHAIRS)	15 SQ. FT. NET
BUSINESS	100 SQ. FT. GROSS
EDUCATION, CLASSROOM	20 SQ. FT. GROSS
EDUCATION, VOCATIONAL	50 SQ. FT. NET
LIBRARY	
(READING ROOMS)	50 SQ. FT., NET
(STACK AREAS)	100 SQ. FT. GROSS
STAGES & PLATFORMS	500 SQ. FT. GROSS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3.1 - FOR STAIRWAYS: 0.2 IN. PER OCCUPANT
1005.3.2 - FOR OTHER EGRESS COMPONENTS: 0.15 IN. PER OCCUPANT

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2.1 - FOR SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY, SEE CODE PLAN
1006.3.1 - FOR OCCUPANT LOAD PER STORY:
BUILDING A / LEVEL 1: 3 EXITS REQUIRED, 3 EXITS PROVIDED
BUILDING B / LEVEL 1: 4 EXITS REQUIRED, 4 EXITS PROVIDED
BUILDING C / LEVEL 1: 3 EXITS REQUIRED, 3 EXITS PROVIDED
BUILDING A / LEVEL 2: 3 EXITS REQUIRED, 3 EXITS PROVIDED

SECTION 1007 - EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
107.1.1 - FOR DISTANCE BETWEEN EXITS, SEE CODE PLAN

SECTION 1009 - ACCESSIBLE MEANS OF EGRESS
1009.3 - FOR SPRINKLERED BUILDINGS, 48 IN. CLEAR HANDRAIL WIDTH IN EXIT STAIRS NOT REQUIRED.
1009.3 - FOR SPRINKLERED BUILDINGS, AREAS OF REFUGE IN EXIT STAIRS NOT REQUIRED

SECTION 1010 - DOORS, GATES, AND TURNSTILES
1010.1.1 - MINIMUM EGRESS DOOR WITH OF 32"
1010.1.2.1 - EGRESS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL
1010.1.8 - DOORS IN SERIES MUST BE SEPARATED A MINIMUM OF 48 IN. PLUS THE SWING OF THE DOOR

SECTION 1011 - STAIRWAYS
1011.2 - MINIMUM STAIRWAY WIDTH OF 44 IN.
1011.3 - MINIMUM STAIRWAY HEADROOM CLEARANCE OF 80 IN
1011.5.2 - MAXIMUM RISER HEIGHT OF 7 IN., MINIMUM TREAD DEPTH OF 11 IN.
1011.6 - WIDTH OF LANDINGS SHALL BE NOT LESS THAN THE WIDTH OF STAIRWAY SERVED
1011.6 - LANDING DEPTH NEED NOT EXCEED 48 IN. FOR STRAIGHT-RUN STAIRS
1011.8 - A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE GREATER THAN 12 FT. BETWEEN FLOOR LEVELS AND LANDINGS

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 - FOR GROUP E W/ SPRINKLER SYSTEM: EXIT TRAVEL DISTANCE IS 250 FT.

SECTION 1020 - CORRIDORS
1020.1 - FOR GROUP E W/ SPRINKLER SYSTEM: NO REQUIRED FIRE-RESISTANCE RATING
1020.2 - FOR GROUP E W/ OCCUPANT LOAD OF 100 OR MORE: MINIMUM WIDTH OF 72 IN.
1020.2 - FOR AN OCCUPANT LOAD LESS THAN 50: MINIMUM WIDTH OF 36 IN.
1020.2 - FOR ACCESS TO AND UTILIZATION OF MECHANICAL, PLUMBING, OR ELECTRICAL SYSTEMS OR EQUIPMENT: MINIMUM WIDTH OF 24 IN.
1020.2 - FOR ALL OTHER CONDITIONS: MINIMUM WIDTH OF 44 IN.
1020.4 - FOR GROUP E W/ SPRINKLER SYSTEM: DEAD ENDS MAY BE 50 FT. IN LENGTH

CODE REVIEW: IBC 2015 - EXISTING BUILDING

CHAPTER 6 - REPAIRS

NEW AND REPLACEMENT MATERIALS (SEC 602.2)
EXCEPT AS OTHERWISE REQUIRED OR PERMITTED BY THIS CODE, MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED. LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED NO DANGEROUS OR UNSAFE CONDITION, AS DEFINED IN CHAPTER 2, IS CREATED. HAZARDOUS MATERIALS, SUCH AS ASBESTOS AND LEAD-BASED PAINT, SHALL NOT BE USED WHERE THE CODE FOR NEW CONSTRUCTION WOULD NOT PERMIT THEIR USE IN BUILDINGS OF SIMILAR OCCUPANCY, PURPOSE AND LOCATION.

GENERAL ACCESSIBILITY (SEC 605.1)
REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF ACCESSIBILITY PROVIDED.

CHAPTER 7 - ALTERATIONS - LEVEL 1

CONFORMANCE (SEC 701.2)
AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION.
EXCEPTION: WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

INTERIOR FINISHES (SEC 702.2)
NEW INTERIOR FLOOR FINISH, INCLUDING NEW CARPETING USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 OF THE INTERNATIONAL BUILDING CODE.

CHAPTER 8 - ALTERATIONS - LEVEL 2

COMPLIANCE (SEC 801.3)
ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

EXCEPTIONS:
WINDOWS MAY BE ADDED WITHOUT REQUIRING COMPLIANCE WITH THE LIGHT AND VENTILATION REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.
NEWLY INSTALLED ELECTRICAL EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 808.
THE LENGTH OF DEAD-END CORRIDORS IN NEWLY CONSTRUCTED SPACES SHALL ONLY BE REQUIRED TO COMPLY WITH THE PROVISIONS OF SECTION 805.6.
THE MINIMUM CEILING HEIGHT OF THE NEWLY CREATED HABITABLE AND OCCUPIABLE SPACES AND CORRIDORS SHALL BE 7 FEET (2134 MM).

FIRE ALARM AND DETECTION (SEC 804.4)
AN APPROVED FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SECTIONS 804.4.1 THROUGH 804.4.3..

GROUP E OCCUPANCY (SEC 804.4.1.1)
A FIRE ALARM SYSTEM SHALL BE INSTALLED IN WORK AREAS OF GROUP E OCCUPANCIES AS REQUIRED BY THE INTERNATIONAL FIRE CODE FOR EXISTING GROUP E OCCUPANCIES.

LEGEND

- 1 HOUR FIRE-RESISTANCE RATING
- 2 HOUR FIRE-RESISTANCE RATING
- RATED DOOR/ WINDOW REF. DOOR SCHEDULE FOR MORE INFO.
- NON RATED ELEMENT
- RATED EXIT ENCLOSURE
- LONGEST EXIT ROUTE PER LEVEL
- EXIT ROUTE
- EXIT POINT WITH WIDTH INDICATED IN INCHES (20 | P 36" | R 36") — OCCUPANT LOAD SHOWN VERTICAL; P=PROVIDED EXIT WIDTH OF EGRESS COMPONENT; R=REQUIRED EXIT WIDTH OF EGRESS COMPONENT
- FEC — FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER
- FE — FIRE EXTINGUISHER - SURFACE MOUNTED

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REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

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1	01/14/2026	ADDENDUM #01

100% CD

G0.03-T
LEVEL 01 CODE PLAN COMPETITION GYM

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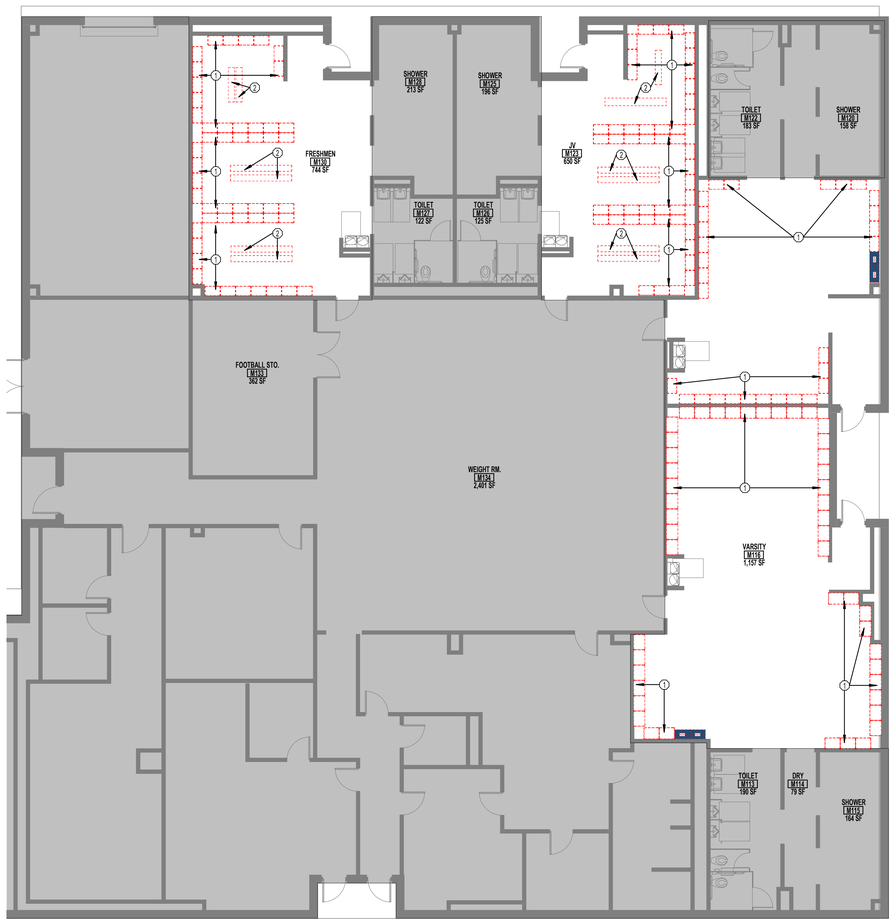
FLOOR PLAN GYM LOCKERS 2

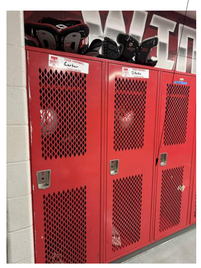
SCALE: 1/8" = 1'-0"



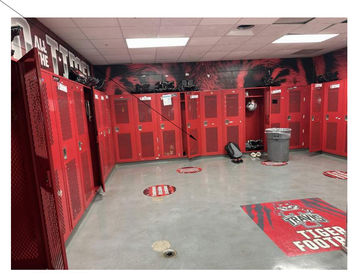
DEMO FLOOR PLAN GYM LOCKERS 1

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

DEMO EXISTING LOCKERS, CONCRETE BASE TO REMAIN



VARSITY FOOTBALL



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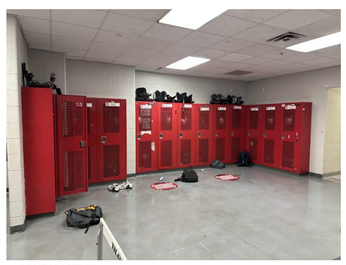

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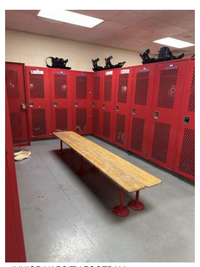
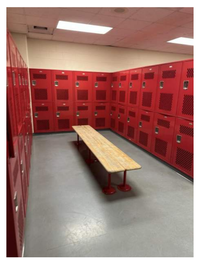
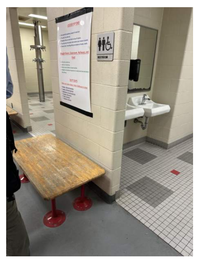


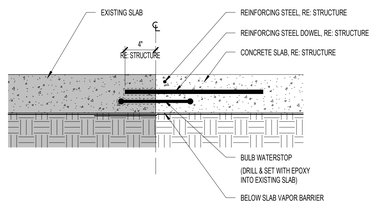
JUNIOR VARSITY FOOTBALL



FRESHMEN

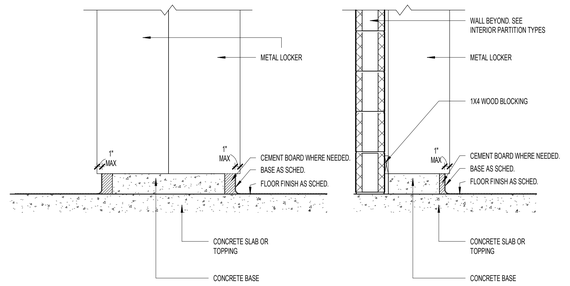


FRESHMEN



SECTION DETAIL - NEW SLAB AT EXISTING SLAB 5

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

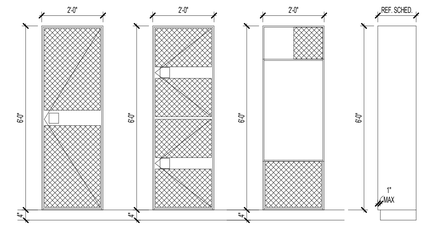


LOCKER CURB DETAIL 4

SCALE: 1" = 1'-0"

LOCKER SCHEDULE

1.PROVIDE SHOP-APPLIED, BAKED EPOXY ENAMEL FINISH
2.REFER TO MATERIAL SCHEDULE FOR COLOR



TYPE A2
24"x18"X72"

JUNIOR VARSITY
EXISTING 48
PROVIDED 48
ADA REQUIRED: 3
ADA PROVIDED: 3

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

TYPE A3
24"x18"X72"

ROOM 183
EXISTING 31
PROVIDED 31
ADA REQUIRED: 2
ADA PROVIDED: 2

ROOM 130
EXISTING 31
PROVIDED 50
ADA REQUIRED: 3
ADA PROVIDED: 3

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

TYPE B1
24"x18"X72"

ROOM 116
EXISTING 50
PROVIDED 65
ADA REQUIRED: 4
ADA PROVIDED: 4

NOTE: PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS

PROFILE

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. REMOVE, REMOVE AND SALVAGE, AND REMOVE AND REINSTALL ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.
4. DETACH ALL WALL AND CEILING MOUNTED ITEMS THAT ARE AFFECTED BY WORK AND NOT SPECIFICALLY ADDRESSED; REINSTALL OR SALVAGE ITEMS AS DIRECTED BY OWNER; DISPOSE OF ALL OTHERS.
5. WHERE A SEAMLESS PATCH BETWEEN EXISTING AND NEW SURFACES AND ITEMS IS NOT POSSIBLE OR PRACTICAL, REMOVE EXISTING ELEMENT BACK TO NEAREST JOINT OR CORNER AND REPLACE WITH NEW TO MATCH.
6. REMOVE ALL ABANDONED ITEMS EXPOSED BY DEMOLITION.
7. GENERAL CONTRACTOR TO SALVAGE EXTRA LIGHT FIXTURES TO OWNER.
8. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGED WALL SURFACES THAT HAPPEN DURING THE DEMOLITION/CONSTRUCTION PROCESS.
9. DURING DEMOLITION, RETAIN STRUCTURAL INTEGRITY FOR INTERIOR/EXTERIOR WALLS. CONTACT ARCHITECT SHOULD QUESTIONS/PROBLEMS ARISE.
10. REFERENCE ARCHITECTURAL, MEP AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING BUILDING DEMOLITION/RENOVATIONS.
11. IF WALL(S) OR SUB-WALL SURFACE(S) IS/ARE DAMAGED DURING REMOVAL OR DEMOLITION, THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF WALL MATERIAL(S) TO ENSURE A LEVEL AND SMOOTH WALL SURFACE. MATCH ADJACENT WALL FINISH WHEN POSSIBLE.
12. CONTRACTOR RESPONSIBLE FOR CAPPING REMOVED PLUMBING LINES BELOW FINISH FLOOR AND PREPARING FLOOR SURFACE TO RECEIVE SCHEDULED FINISH.
13. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND CAPPING ELECTRICAL WIRING PRIOR TO DEMOLITION OF WALL(S).
14. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING SURFACES AND FINISHES DURING THE DEMOLITION/CONSTRUCTION PROCESS.
15. CONTRACTOR RESPONSIBLE FOR CEILING PATCHING AND CEILING PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
16. CONTRACTOR RESPONSIBLE FOR WALL PATCHING AND WALL PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
17. CONTRACTOR RESPONSIBLE FOR FLOOR PATCHING AND FLOOR PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- AREA OF FLOOR TO BE PATCHED

DEMOLITION KEY NOTES

1. REMOVE EXISTING LOCKERS. REPAIR AND PAINT ANY DAMAGES TO EXISTING CMU WALLS OR FLOORS. REFER TO MATERIAL SCHEDULE FOR P-1 PAINT COLOR.
2. REMOVE EXISTING BENCHES. REPAIR AND PAINT ANY DAMAGES TO EXISTING CMU WALLS OR FLOORS. REFER TO MATERIAL SCHEDULE FOR P-1 PAINT COLOR.

FLOOR PLAN GENERAL NOTES

1. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
2. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-3" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-3" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
3. REFER TO SHEETS A3 SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
4. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- COLUMN GRID
- EXTERIOR ELEVATION TAG
- INTERIOR ELEVATION TAG
- BUILDING SECTION TAG
- WALL SECTION TAG
- ENLARGED CALL OUT
- DOOR TAG
- PARTITION TAG
- HOLLOW METAL WINDOW TAG
- ALUMINUM WINDOW TAG
- 5' DIAMETER ADA TURN AROUND

FLOOR PLAN NOTES BY NUMBER

1. NEW LOCKERS
2. NEW BENCHES
3. NEW 4" CONCRETE LOCKER CURB

LEGEND - SPECIALTY EQUIPMET

TAG	EQUIPMENT
A2	LOCKER - 24" W X 18" D X 72" H
A3	LOCKER - 24" W X 18" D X 72" H
B1	LOCKER - 24" W X 18" D X 91" H
LB-1	LOCKER BENCH - 54" L X 9 1/2" W
LB-2	LOCKER BENCH - 72" L X 9 1/2" W
LB-3	LOCKER BENCH - 96" L X 9 1/2" W
LB-A1	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT WALL
LB-A2	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT BACK

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01 FLOOR PLAN FIELD HOUSE LOCKERS

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ROOM FINISH SCHEDULE - LOCKER ROOMS

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	NOTES
M116	VARSITY		RB-1	P-4	P-4	P-4	P-4	NEW BASE AT CONCRETE BASE
M115	JV		RB-1	P-4	P-4	P-4	P-4	NEW BASE AT CONCRETE BASE
M130	FRESHMEN		RB-1	P-4	P-4	P-4	P-4	NEW BASE AT CONCRETE BASE
M138	SOPHOMORE		RB-1	P-4	P-4	P-4	P-4	NEW BASE AT CONCRETE BASE

ROOM FINISH SCHEDULE - STORAGE SHED (ALTERNATE 7)

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	NOTES
100	STORAGE	SCONC-1	RB-3	P-4,P-5,YWOOD PANEL	P-4,P-5,YWOOD PANEL	P-4,P-5,YWOOD PANEL	P-4,P-5,YWOOD PANEL	PLYWOOD PANEL, 8' HIGHT

MATERIAL SCHEDULE

MARK	MATERIAL	MANUFACTURER	STYLE	COLOR	SPECS	REMARKS
01 FLOOR FINISH						
RF-1	RESINOUS FLOORING	STONHARD	STONSHIELD SLT	MATCH EXISTING	TROWEL APPLIED	PATCHING AS APPLICABLE
SCONC-1	SEALED CONCRETE					FIELDHOUSE STORAGE ALTERNATE 7
02 BASE						
RB-1	RUBBER BASE			TO MATCH EXISTING		AT CONCRETE BASE
RB-2	VENTED RUBBER BASE			TO MATCH EXISTING		AT GYM ALL WALLS
RB-3	RUBBER BASE	JOHNSONITE		BLACK	4" COVE BASE	FIELDHOUSE STORAGE ALTERNATE 7
03 WALL FINISH						
P-1	PLYWOOD PANEL				5/8" THICKNESS	FIELDHOUSE STORAGE ALTERNATE 7
P-2	PAINT	SHERWIN WILLIAMS		SW 7064 PASSIVE		FIELD PAINT, ALTERNATE 7
P-3	PAINT	SHERWIN WILLIAMS		SW 7019 GAUNTLET GRAY		LOCKER ROOMS, ALTERNATE 7
P-4	PAINT	SHERWIN WILLIAMS		SW 7015 VIES GRAY		LOCKER ROOMS, ALTERNATE 7
P-5	PANEL	NUSPARK WILLIAMS		PATTERN TO MATCH EXISTING		LOCKER ROOMS
04 CEILING						
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	CLEAN ROOM 14, NO. 979	WHITE	2X2, SQUARE EDGE	LOCKER ROOMS
05 TRIMS, FLASHING						
LOUV-1	LOUVERS	LST INDUSTRIES		721 RELAY RED		REF TO LOCKER SCHEDULE
GRF-1	GRAVEL GUARD	LST INDUSTRIES		BLACK, TOP 4 3 PEL PERSES 4x3		LOCKER ROOMS
MP-1	PANEL JOINT	PECKER		CLOSE MATCH EXISTING	REF SPECS	FIELDHOUSE STORAGE ALTERNATE 7
06 EXTERIORS						
CMU-1		BEST BLOCK	SMOOTH FACE	TO BE PAINTED		BLOCK WALL
MP-1	METAL WALL PANEL	RED DOT BUILDING	SOARTHIC 500	SLATE GRAY	PDMB	FIELDHOUSE STORAGE ALTERNATE 7
MP-2	METAL WALL PANEL	RED DOT BUILDING	SOARTHIC 500	BRITE RED, ACCENT COLOR	PDMB	FIELDHOUSE STORAGE ALTERNATE 7
PM-1	PREFINISHED METAL	BERRIDGE				ROOF COPING, GUTTER, DOWNSPOUTS
WP-1	WALL PAD	PORTER		TO MATCH EXISTING INTERIOR WALL PADS		BACKSTOP PADDING, EXTERIOR

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MATERIAL SCHEDULE & INTERIOR DETAILS
TRAVIS HIGH SCHOOL

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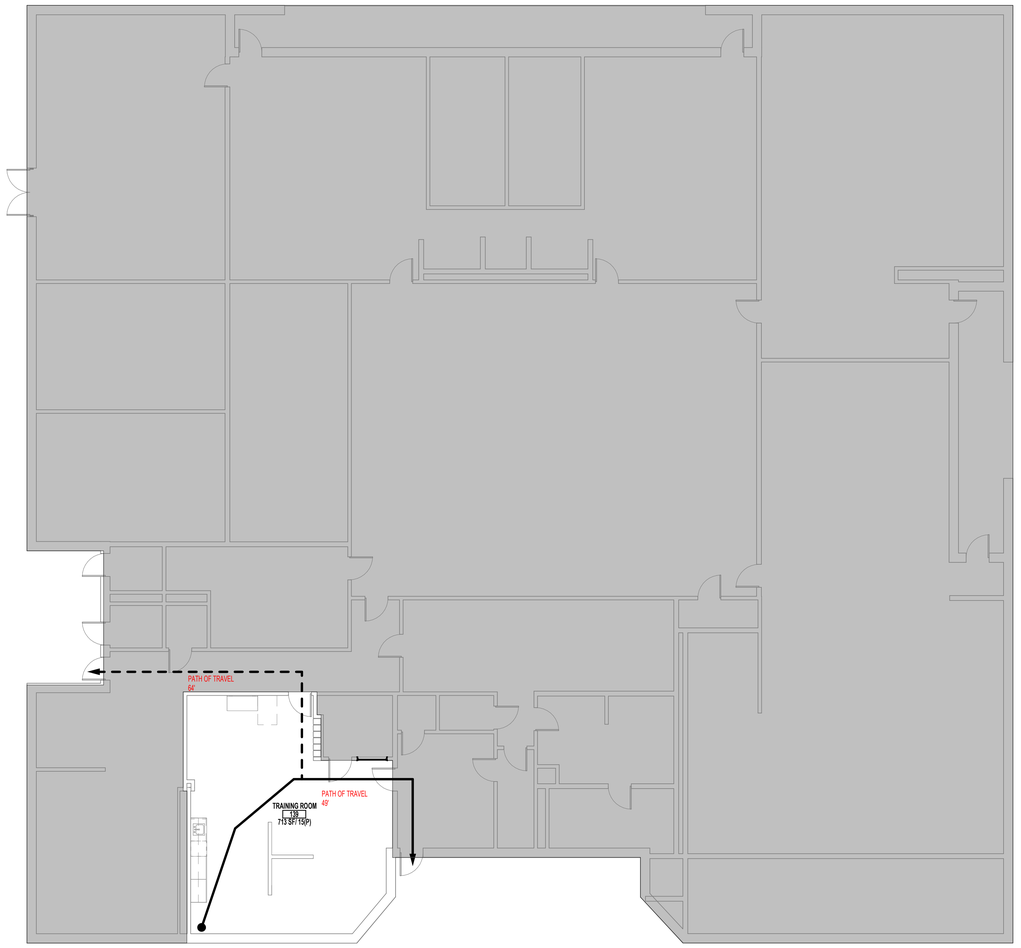

WILLOWRIDGE FIELD HOUSE CODE- W 2

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

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND ILLUMINATED EXIT SIGNS.
2. IF AN OPENING OCCURS IN A RATED WALL, REFER TO THE SPECIFICATIONS FOR REQUIREMENTS.
3. FIRE SPRINKLER SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE SPRINKLER SYSTEM
4. FIRE ALARM SYSTEM WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL ISSUANCE OF A BUILDING PERMIT DOES NOT IMPLY APPROVAL TO INSTALL THE FIRE ALARM SYSTEM. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARD 14 AND THE COUNTY FIRE MARSHALL.
5. ALL EXITS SHALL COMPLY WITH ACCESSIBLE STANDARDS AND DISCHARGE TO A PAVED PUBLIC WAY, OR A PAVED SIDEWALK WHICH LEADS TO A PUBLIC WAY.
6. BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE COUNTY FIRE CODE AND REFERENCED DOCUMENTS.

APPLICABLE CODES - CITY OF HOUSTON

2021 IBC INTERNATIONAL BUILDING CODE
2021 IMC INTERNATIONAL MECHANICAL CODE
2021 IPC INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2021 INTERNATIONAL EXISTING BUILDING CODE
2023 NATIONAL ELECTRICAL CODE
TAS TEXAS ACCESSIBILITY STANDARDS (ADOPTED MARCH 2012)

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 - EDUCATIONAL GROUP E

2021 IBC COMPLIANCE DATA

CHAPTER 2 - DEFINITIONS
GRADE PLANE: A REFERENCE PLANE REPRESENTING THE AVERAGE OF FINISHED GROUND LEVEL ADJOINING THE BUILDING AT EXTERIOR WALLS. WHERE THE FINISHED GROUND LEVEL SLOPES AWAY FROM THE EXTERIOR WALLS, THE REFERENCE PLANE SHALL BE ESTABLISHED BY THE LOWEST POINTS WITHIN THE AREA BETWEEN THE BUILDING AND THE LOT LINE OR, WHERE THE LOT LINE IS MORE THAN 6 FEET (1829 MM) FROM THE BUILDING, BETWEEN THE BUILDING AND A POINT 6 FEET (1829 MM) FROM THE BUILDING.
GRADE PLANE = 7' BELOW PROJECT "0' 0" ELEVATION"

STORY ABOVE GRADE PLANE: ANY STORY HAVING ITS FINISHED FLOOR SURFACE ENTIRELY ABOVE GRADE PLANE, OR IN WHICH THE FINISHED SURFACE OF THE FLOOR NEXT ABOVE IS: 1. MORE THAN 6 FEET (1829 MM) ABOVE GRADE PLANE; OR 2. MORE THAN 12 FEET (3658 MM) ABOVE THE FINISHED GROUND LEVEL AT ANY POINT.

CHAPTER 3 – USE AND OCCUPANCY CLASSIFICATION
SECTION 302.1 – EDUCATIONAL GROUP E

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS - NEW CONCESSION BUILDING
TABLE 504.3 & 504.4 & 506.2
GROUP E, TYPE II B, NOT SPRINKLED:
BUILDING HEIGHT: 55' ALLOWED; **15' ACTUAL (ABOVE GRADE PLANE)**
BUILDING STORIES: 2 STORIES ALLOWED; **1 STORIES ACTUAL**
BUILDING AREA: **14,500** SQUARE FEET PER STORY

TOTAL SF BUILDING: 4,393 SQUARE FEET

SECTION 508 - INCIDENTAL USES
508.4 - NO SEPARATION BETWEEN GROUP E OCCUPANCIES

TABLE 509 - MIXED USE AND OCCUPANCY
ELECTRICAL INSTALLATIONS AND TRANSFORMERS (SEE SECTIONS 110.26 THROUGH 110.34 AND SECTIONS 450.8 THROUGH 450.48 OF NFPA 70 FOR PROTECTION AND SEPARATION REQUIREMENTS.

CHAPTER 6 - TYPES OF CONSTRUCTION

SECTION 601 - GENERAL
601 - FOR CONSTRUCTION TYPE II B: 0 HOUR FIRE-RESISTANCE RATING REQUIREMENT FOR BUILDING ELEMENTS
NOTE: ELEMENTS INCLUDE PRIMARY STRUCTURAL FRAME, EXTERIOR AND INTERIOR WALLS, FLOOR AND ROOF CONSTRUCTION

SECTION 602 - CONSTRUCTION CLASSIFICATION
602 - FOR CONSTRUCTION TYPE II B: 0 HOUR FIRE RESISTANCE RATING FOR EXTERIOR WALLS IF < 10 FT. FROM OTHER STRUCTURES, ELSE 0

CHAPTER 6 – TYPES OF CONSTRUCTION
CONSTRUCTION TYPE II B - PER TABLES 601 & 602:
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS: NO RATING REQUIRED FOR ANY BUILDING ELEMENT LISTED. PRIMARY STRUCTURE, BEARING & NONBEARING WALLS/ PARTITIONS (INTERIOR & EXTERIOR), FLOOR CONSTRUCTION AND SECONDARY MEMBERS, ROOF CONSTRUCTION AND SECONDARY MEMBERS

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
903.2.3 - FOR GROUP E: REQUIRED FOR FIRE AREAS GREATER THAN 12,000 SQ. FT., BUILDING IS NOT SPRINKLERED, BUILDING AREA IS LESS THAN 12,000 SQ. FT.

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 75 FT. MAX. DISTANCE TO TRAVEL TO EXTINGUISHER
906.3(1) - FOR LIGHT HAZARD OCCUPANCY: 11,250 SQ. FT. MAX FLOOR AREA FOR EXTINGUISHER

CHAPTER 10 - MEANS OF EGRESS

SECTION 1004 OCCUPANT LOAD
TABLE 1004.5 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

STORAGE, MECHANICAL	300 SQ. FT., GROSS
EDUCATION, CLASSROOM	20 SQ. FT. GROSS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3.2 - FOR OTHER EGRESS COMPONENTS: 0.15 IN. PER OCCUPANT

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2.1 - FOR SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY, SEE CODE PLAN
1006.3.2 - FOR OCCUPANT LOAD PER STORY:
CONCESSION BUILDING / LEVEL 1: 3 EXITS REQUIRED, 7 EXITS PROVIDED

SECTION 1007 - EXIT AND EXIT ACCESS DOORWAY CONFIGURATION
107.1.1 - FOR DISTANCE BETWEEN EXITS, SEE CODE PLAN

SECTION 1010 - DOORS, GATES, AND TURNSTILES
1010.1.1 - MINIMUM EGRESS DOOR WITH OF 32"
1010.1.2.1 - EGRESS DOORS SHALL SWING IN THE DIRECTION OF TRAVEL
1010.1.8 - DOORS IN SERIES MUST BE SEPARATED A MINIMUM OF 48 IN. PLUS THE SWING OF THE DOOR

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 - FOR GROUP E W/O SPRINKLER SYSTEM: EXIT TRAVEL DISTANCE IS 200 FT.

CHAPTER 17: SPECIAL INSPECTIONS AND TESTS

STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS REQUIRING SPECIAL INSPECTIONS PER SECTION 705 OF THE IBC HAVE NOT BEEN LISTED HERE. REFER TO STRUCTURAL/MECHANICAL/ELECTRICAL FOR SPECIAL INSPECTION REQUIREMENTS FOR THESE COMPONENTS.
ITEMS OF ARCHITECTURAL CONSTRUCTION WHICH REQUIRE SPECIAL INSPECTION INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

1705.14 SPRAYED FIRE-RESISTANT MATERIALS
1705.15 MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS
1705.16.1 WATER-RESISTIVE BARRIER COATING
1705.17 FIRE-RESISTANT PENETRATIONS AND JOINTS
1705.18 TESTING FOR SMOKE CONTROL

LEGEND

- LONGEST EXIT ROUTE PER LEVEL
- EXIT ROUTE
- P 36" R 36" (RO)
- FEC — FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER
- FE — FIRE EXTINGUISHER - SURFACE MOUNTED

CODE REVIEW: IEBC 2021 - EXISTING BUILDING

CHAPTER 6 - REPAIRS	
NEW AND REPLACEMENT MATERIALS (SEC 602.2)	LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED NO DANGEROUS OR UNSAFE CONDITION, AS DEFINED IN CHAPTER 2, IS CREATED.
GENERAL ACCESSIBILITY (SEC 605.1)	REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF ACCESSIBILITY PROVIDED.
CHAPTER 7 - ALTERATIONS - LEVEL 1	
CONFORMANCE (SEC 701.2)	AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION. WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE IBC 2021.
INTERIOR FINISHES (SEC 702.2)	ALL NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE IBC 2021. NEW INTERIOR FLOOR FINISH, INCLUDING CARPET USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 AND FOR IBC 2021.
CHAPTER 8 - ALTERATIONS - LEVEL 2 COMPLIANCE (SEC 801.3)	ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE IBC 2021.
FIRE ALARM AND DETECTION (SEC 804.4)	AN APPROVED AUTOMATIC FIRE DETECTION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE AND NFPA 72.
GROUP E OCCUPANCY (SEC 804.4.1.1)	A FIRE ALARM SYSTEM SHALL BE INSTALLED IN WORK AREAS OF GROUP E AS REQUIRED BY THE INTERNATIONAL FIRE CODE.

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WILLOWRIDGE HIGH SCHOOL

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16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAME 30113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

Δ1	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD
G0.03-W
01 CODE PLAN - FIELD HOUSE
WILLOWRIDGE HIGH SCHOOL

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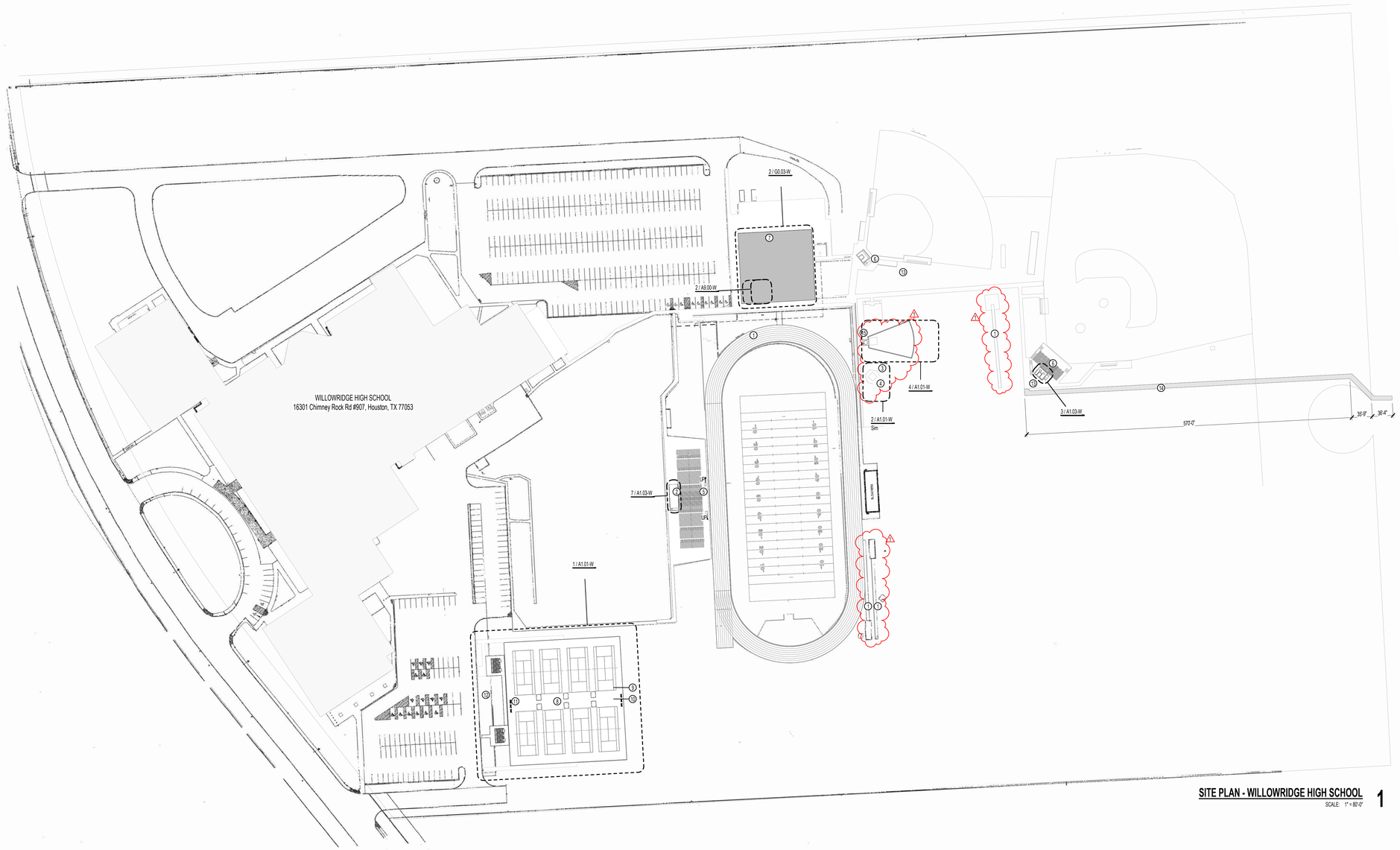

SITE PLAN - WILLOWRIDGE HIGH SCHOOL 1
SCALE: 1" = 80'-0"

SITE PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00-W FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET G0.01-W & G0.02-W FOR TAS REQUIREMENTS
3. RE: G0.03-W FOR CODE PLAN
4. PROVIDE KNOX PADLOCKS AT ALL VEHICULAR GATES. PROVIDE BOLLARDS AT LATCH SIDES OF VEHICULAR GATES WHEN THEY ARE OPEN AND HASP TO LOCK OPEN GATE TO BOLLARD.
5. ALL FENCING SHALL BE VINYL COATED CHAIN LINK, 48" HIGH UNO.
6. PROVIDE 48" HIGH, 4" DIA. CONCRETE FILLED STEEL BOLLARDS SPACED 6' O.C. AROUND SIDES AND BACK OF DUMPSTER YARDS, AROUND ELECTRICAL TRANSFORMER AS REQUIRED BY ELECTRICAL PROVIDER, AND AT BOTH SIDES OF EXTERIOR ROLL-UP/GARAGE DOORS.
7. ALL DISTURBED AREAS SHALL BE FINISH GRADED, REVEGETATED, AND IRRIGATED.
8. FLAGPOLES SHALL HAVE MIN. 8' DIAMETER PAVING AROUND THEM AND A PATH TO A BUILDING ENTRANCE. PATH AND PAVING SHALL BE TAS REQUIREMENTS FOR WIDTH AND GRADING.
9. ALL RETAINING WALLS SHALL HAVE BACKSIDE WATERPROOFING AND DRAINAGE
10. ALL EXIT GATES SHALL BE PROVIDED WITH PANIC HARDWARE AND WIRED FOR CARD READERS AND ELECTRIFIED HARDWARE.
11. PROVIDE 24" CONCRETE MOW STRIP AROUND PERIMETER OF ALL BUILDINGS WHERE NO OTHER PAVING IS CALLED FOR. PROVIDE 12" MOW STRIP CENTERED ON ALL FENCING.

SITE PLAN LEGEND

- X X — VINYL COATED CHAIN LINK FENCE, 48" HIGH
- L L — VINYL COATED CHAIN LINK FENCE, 72" HIGH
- M M — BLACK WROUGHT IRON FENCE, 48" HIGH
- R R — BLACK WROUGHT IRON FENCE, 72" HIGH
- SIM / A101 — BUILDING SECTION TAG
- SIM / A101 — WALL SECTION TAG
- 21 / A101 SIM. — ENLARGED CALL OUT

PLAN KEY NOTES

TAG #	NOTE
1	RESURFACE TRACK
2	POWER AND DATA IN PRESSBOX TOWER
3	NEW DISCUSS CAGE NETTING-REF CIVIL
4	DISCUSS CONCRETE PAVING
5	RENOVATE BLEACHERS
6	RENOVATE PRESS BOX
7	RENNOVATE FIELDHOUSE TRAINING ROOM
8	RESURFACE TENNIS COURTS
9	NEW FENCE AND GATE
10	NEW TENNIS WINDSCREEN
11	COURT BENCHES
12	CONCRETE PAVING UNDER BLEACHERS
13	NEW GROOMER FOR TURF
14	ALTERNATE NO. 8 - NEW CONCRETE PATH CONNECTING HIGH SCHOOL AND MIDDLE SCHOOL
15	RENOVATE SHOTPUT REF CIVIL

ALTERNATES:

ALTERNATE NO. 8 - WILLOWRIDGE HIGH SCHOOL: CONCRETE PAVEMENT BETWEEN MIDDLE SCHOOL AND HIGH SCHOOL.

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100% CD

A1.00-W
ARCHITECTURAL SITE PLAN

WILLOWRIDGE HIGH SCHOOL

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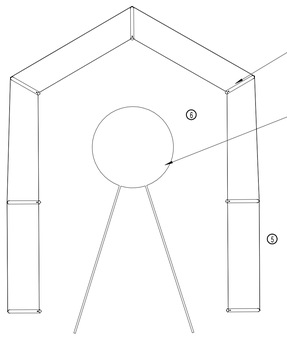
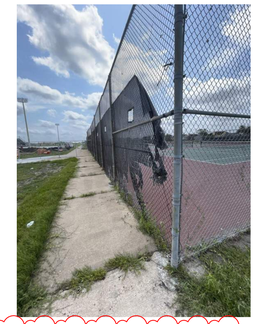


01 FLOOR PLAN - DISCUS CAGE 2

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

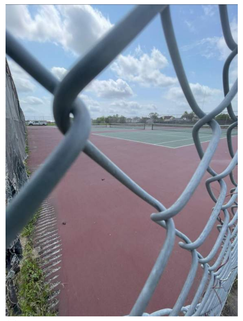
REMOVE EXISTING DISCUS AREA. DEMOLISH AND REMOVE ALL EXISTING DISCUS CAGE COMPONENTS, INCLUDING NETTING, POSTS, FRAMING, HARDWARE, AND THE EXISTING CONCRETE PAD, COMPLETE, WITHIN THE AREA SHOWN. BACKFILL, COMPACT, AND FINE GRADE TO MATCH ADJACENT SITE CONDITIONS IN PREPARATION FOR NEW WORK

1



REMOVE EXISTING FENCING AND WALKWAY. DEMOLISH AND REMOVE ALL EXISTING CHAIN/LINK FENCING, GATES, POSTS, FOOTINGS, AND ASSOCIATED HARDWARE ALONG THE WALKWAY AS SHOWN, INCLUDING THE ADJACENT CONCRETE SIDEWALK. BACKFILL, COMPACT, AND FINE GRADE AREA TO MATCH ADJACENT SITE CONDITIONS IN PREPARATION FOR NEW WORK.

2



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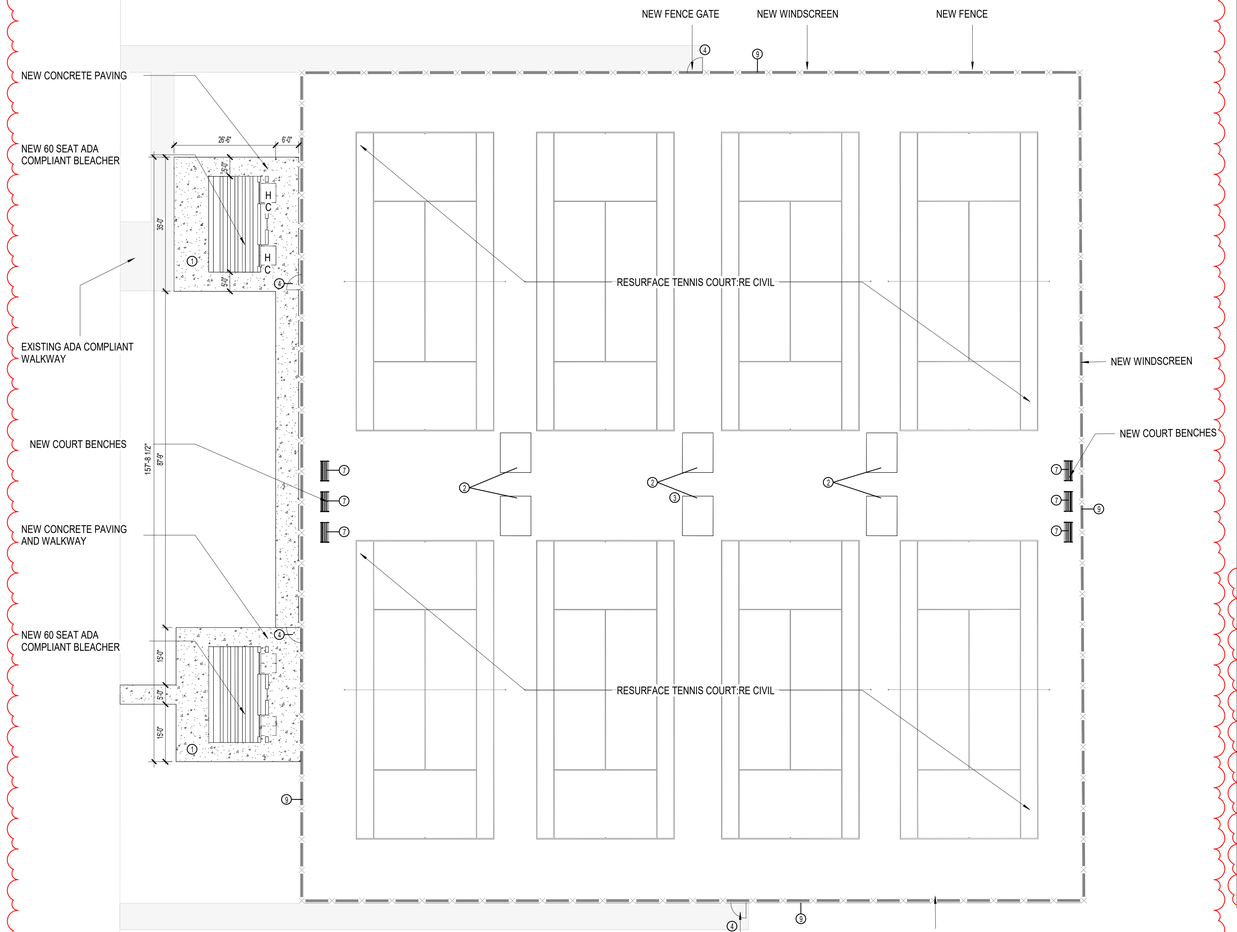
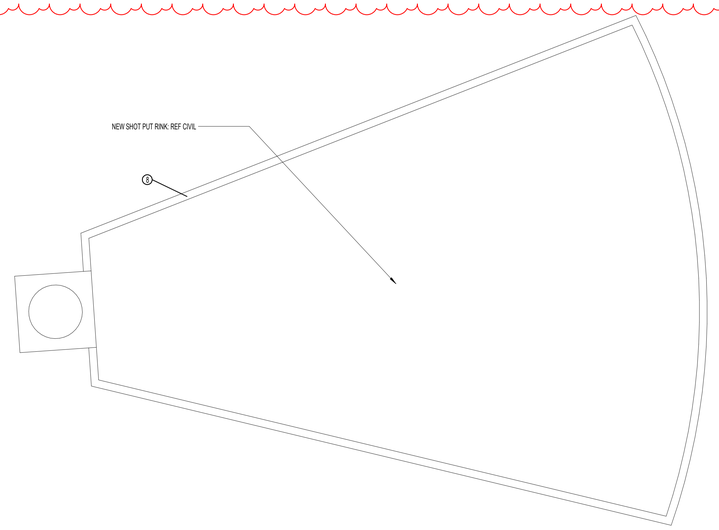


01 FLOOR PLAN - TENNIS COURT 1

SCALE: 1/16" = 1'-0"



SITE PLAN SHOT PUT 4

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

SITE PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00-W FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET G0.01-W & G0.02-W FOR TAS REQUIREMENTS
3. RE: G0.03-W FOR CODE PLAN
4. PROVIDE KNOX PADLOCKS AT ALL VEHICULAR GATES. PROVIDE BOLLARDS AT LATCH SIDES OF VEHICULAR GATES WHEN THEY ARE OPEN AND HASP TO LOCK OPEN GATE TO BOLLARD.
5. ALL FENCING SHALL BE VINYL COATED CHAIN LINK, 48" HIGH UNO.
6. PROVIDE 48" HIGH, 4" DIA. CONCRETE FILLED STEEL BOLLARDS SPACED 6' O.C. AROUND SIDES AND BACK OF DUMPSTER YARDS, AROUND ELECTRICAL TRANSFORMER AS REQUIRED BY ELECTRICAL PROVIDER, AND AT BOTH SIDES OF EXTERIOR ROLL-UP/GARAGE DOORS.
7. ALL DISTURBED AREAS SHALL BE FINISH GRADED, REVEGETATED, AND IRRIGATED.
8. FLAGPOLES SHALL HAVE MIN. 6' DIAMETER PAVING AROUND THEM AND A PATH TO A BUILDING ENTRANCE. PATH AND PAVING SHALL BE TAS REQUIREMENTS FOR WIDTH AND GRADING.
9. ALL RETAINING WALLS SHALL HAVE BACKSIDE WATERPROOFING AND DRAINAGE
10. ALL EXIT GATES SHALL BE PROVIDED WITH PANIC HARDWARE AND WIRED FOR CARD READERS AND ELECTRIFIED HARDWARE.
11. PROVIDE 24" CONCRETE MOW STRIP AROUND PERIMETER OF ALL BUILDINGS WHERE NO OTHER PAVING IS CALLED FOR. PROVIDE 12" MOW STRIP CENTERED ON ALL FENCING.

SITE PLAN LEGEND

- X-X — VINYL COATED CHAIN LINK FENCE, 48" HIGH
- L-L — VINYL COATED CHAIN LINK FENCE, 72" HIGH
- M-M — BLACK WROUGHT IRON FENCE, 48" HIGH
- R-R — BLACK WROUGHT IRON FENCE, 72" HIGH
- 1 / A101 SIM — BUILDING SECTION TAG
- 1 / A101 SIM — WALL SECTION TAG
- 21 / A101 SIM — ENLARGED CALL OUT

PLAN KEY NOTES

TAG #	NOTES
1	NEW CONCRETE PAVEMENT AND 30-SEAT ADA-COMPLIANT BLEACHER. REF CIVIL FOR PAVEMENT DETAILS. INSTALL NEW 30-SEAT ADA-COMPLIANT BLEACHER SYSTEM IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS REF SPEC 13 34 16.53. PROVIDE REQUIRED ACCESS AISLES, COMPANION SEATING, HANDRAILS, AND GUARDRAILS. VERIFY DRAINAGE AND POSITIVE SLOPE AWAY FROM SEATING AREA.
2	PROVIDE AND INSTALL NEW CABANA AND COURT BENCH AT LOCATIONS SHOWN. REF SPEC 11 68 20
3	RESURFACE TENNIS COURTS: REF CIVIL FOR DETAILS. APPLY NEW RESURFACING SYSTEM IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS, INCLUDING COLOR COATS AND GAME LINE MARKINGS. PROVIDE UNIFORM SLOPE AND DRAINAGE. COURT COLOR SHALL BE DARK GREEN WITH SURROUNDING AREA TO BE RED. ALL LINE MARKINGS TO BE WHITE. REF SPEC 32 18 23.21
4	PROVIDE AND INSTALL NEW PERIMETER FENCING AND ACCESS GATES AT LOCATIONS SHOWN. REF SPECS 32 31 13.20 AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION. PROVIDE KNOX PADLOCKS AT ALL FENCE GATES, INCLUDING MAN GATES AND EMERGENCY EXIT GATES, IN COMPLIANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION (AHJ). COORDINATE WITH LOCAL FIRE DEPARTMENT FOR APPROVED LOCK TYPE AND INSTALLATION LOCATION.
5	NEW DISCUS CAGE NETTING INSTALL NEW DISCUS CAGE NETTING SYSTEM INCLUDING POSTS, FRAMING, AND NETTING. REF CIVIL
6	PROVIDE NEW DISCUS CONCRETE PAVING. REF CIVIL FOR DETAILS.
7	PROVIDE AND INSTALL NEW COURT BENCHES AT LOCATIONS SHOWN. REF SPECS FOR MORE DETAILS. SUBMIT FINAL DISCUS LAYOUT, ORIENTATION, AND DIMENSIONS FOR REVIEW AND COORDINATION PRIOR TO CONSTRUCTION.
8	REMOVE EXISTING SHOT PUT ELEMENTS AS REQUIRED AND CONSTRUCT NEW SHOT PUT RINK. REF CIVIL FOR DETAILS. PROVIDE SHOT PUT LANDING SECTOR WITH PROPER MARKINGS, DRAINAGE AS REQUIRED. COORDINATE FINAL LAYOUT. SUBMIT FINAL SHOT PUT LAYOUT, ORIENTATION, AND DIMENSIONS FOR REVIEW AND COORDINATION PRIOR TO CONSTRUCTION.
9	NEW WINDSCREEN. PROVIDE AND INSTALL NEW WINDSCREEN AT LOCATIONS SHOWN REF CIVIL FOR DETAILS AND SPEC SECTION 32 31 13.20

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. REMOVE, REMOVE AND SALVAGE, AND REMOVE AND REINSTALL ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.
4. DETACH ALL WALL AND CEILING MOUNTED ITEMS THAT ARE AFFECTED BY WORK AND NOT SPECIFICALLY ADDRESSED, REINSTALL OR SALVAGE ITEMS AS DIRECTED BY OWNER; DISPOSE OF ALL OTHERS.
5. WHERE A SEAMLESS PATCH BETWEEN EXISTING AND NEW SURFACES AND ITEMS IS NOT POSSIBLE OR PRACTICAL, REMOVE EXISTING ELEMENT BACK TO NEAREST JOINT OR CORNER AND REPLACE WITH NEW TO MATCH.
6. REMOVE ALL ABANDONED ITEMS EXPOSED BY DEMOLITION.
7. GENERAL CONTRACTOR TO SALVAGE EXTRA LIGHT FIXTURES TO OWNER.
8. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGED WALL SURFACES THAT HAPPEN DURING THE DEMOLITION/CONSTRUCTION PROCESS.
9. DURING DEMOLITION, RETAIN STRUCTURAL INTEGRITY FOR INTERIOR/EXTERIOR WALLS. CONTACT ARCHITECT SHOULD QUESTIONS/PROBLEMS ARISE.
10. REFERENCE ARCHITECTURAL, MEP AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING BUILDING DEMOLITION/RENOVATIONS.
11. IF WALL(S) OR SUB-WALL SURFACE(S) IS/ARE DAMAGED DURING REMOVAL OR DEMOLITION, THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF WALL MATERIAL(S) TO ENSURE A LEVEL AND SMOOTH WALL SURFACE. MATCH ADJACENT WALL FINISH WHEN POSSIBLE.
12. CONTRACTOR RESPONSIBLE FOR CAPPING REMOVED PLUMBING LINES BELOW FINISH FLOOR AND PREPARING FLOOR SURFACE TO RECEIVE SCHEDULED FINISH.
13. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND CAPPING ELECTRICAL WIRING PRIOR TO DEMOLITION OF WALL(S).
14. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING SURFACES AND FINISHES DURING THE DEMOLITION/CONSTRUCTION PROCESS.
15. CONTRACTOR RESPONSIBLE FOR CEILING PATCHING AND CEILING PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
16. CONTRACTOR RESPONSIBLE FOR WALL PATCHING AND WALL PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
17. CONTRACTOR RESPONSIBLE FOR FLOOR PATCHING AND FLOOR PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- AREA TO BE DEMOLISHED
- NOT IN SCOPE
- SCOPE OF DEMOLITION
- 4 — DEMO KEY NOTE
- 5 — NEW CONSTRUCTION

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1	01/14/2026	ADDENDUM #01

100% CD

A1.01-W

SITE PLAN TENNIS COURT AND DISCUS

WILLOWRIDGE HIGH SCHOOL

1/14/2026 6:14:29 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Ath/25-006_WILLOWRIDGE_ARCH_FBISD ATHLETIC RENOVATIONS BP012-W_R25.rvt

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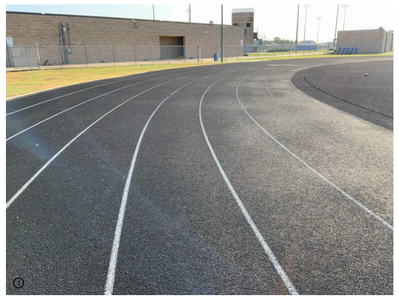
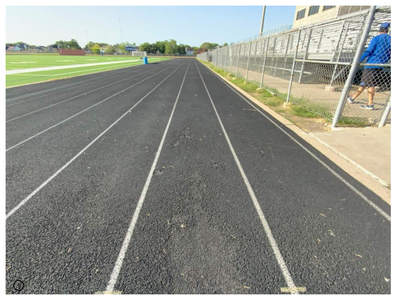
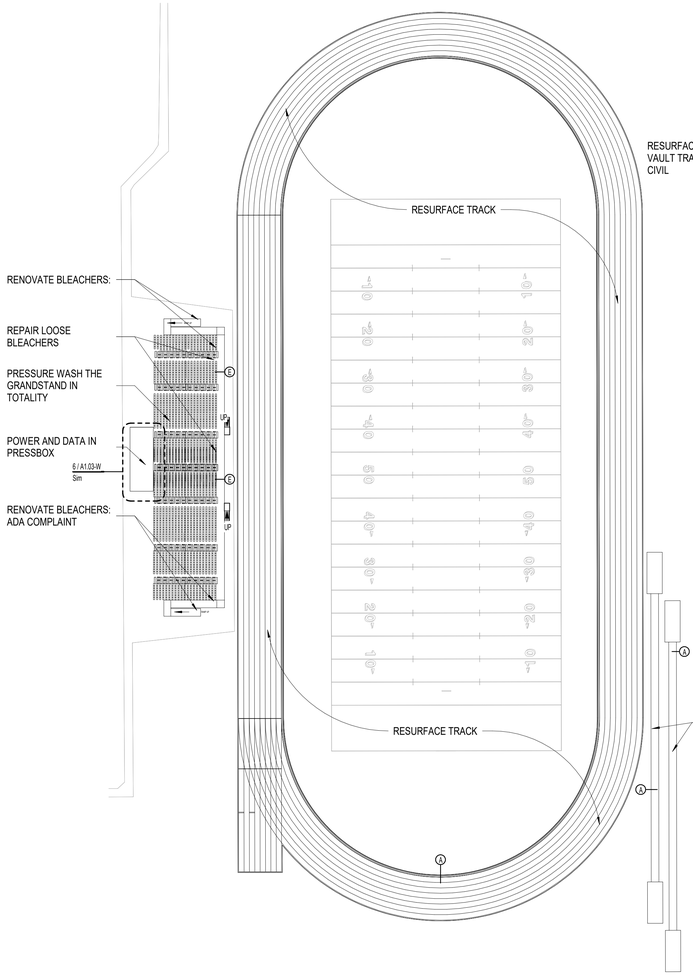
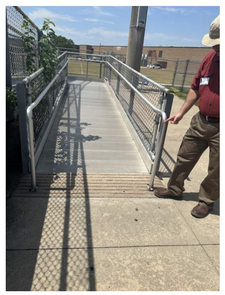


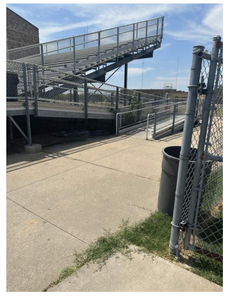


① RESURFACE TRACK : REF CIVIL



SITE PLAN - FOOTBALL 1
SCALE: 1" = 40'-0"





RENOVATE EXISTING BLEACHERS AND HANDRAILS. REPAIR, TIGHTEN, AND SECURE ALL LOOSE BLEACHER SEATING, DECKING, AND SUPPORT COMPONENTS. REPAIR, REALIGN, AND SECURE EXISTING HANDRAILS AND GUARDRAILS. PRESSURE WASH AND CLEAN EXISTING BLEACHERS, HANDRAILS, AND ADJACENT SURFACES TO REMOVE DIRT, DEBRIS, AND STAINS PRIOR TO FINAL COMPLETION.

SITE PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00-W FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET G0.01-W & G0.02-W FOR TAS REQUIREMENTS
3. RE: G0.03-W FOR CODE PLAN
4. PROVIDE KNOX PADLOCKS AT ALL VEHICULAR GATES. PROVIDE BOLLARDS AT LATCH SIDES OF VEHICULAR GATES WHEN THEY ARE OPEN AND HASP TO LOCK OPEN GATE TO BOLLARD.
5. ALL FENCING SHALL BE VINYL COATED CHAIN LINK, 48" HIGH UNO.
6. PROVIDE 48" HIGH, 4" DIA. CONCRETE FILLED STEEL BOLLARDS SPACED 6' O.C. AROUND SIDES AND BACK OF DUMPSTER YARDS, AROUND ELECTRICAL TRANSFORMER AS REQUIRED BY ELECTRICAL PROVIDER, AND AT BOTH SIDES OF EXTERIOR ROLL-UP/GARAGE DOORS.
7. ALL DISTURBED AREAS SHALL BE FINISH GRADED, REVEGETATED, AND IRRIGATED.
8. FLAGPOLES SHALL HAVE MIN. 8' DIAMETER PAVING AROUND THEM AND A PATH TO A BUILDING ENTRANCE. PATH AND PAVING SHALL BE TAS REQUIREMENTS FOR WIDTH AND GRADING.
9. ALL RETAINING WALLS SHALL HAVE BACKSIDE WATERPROOFING AND DRAINAGE
10. ALL EXIT GATES SHALL BE PROVIDED WITH PANIC HARDWARE AND WIRED FOR CARD READERS AND ELECTRIFIED HARDWARE.
11. PROVIDE 24" CONCRETE MOW STRIP AROUND PERIMETER OF ALL BUILDINGS WHERE NO OTHER PAVING IS CALLED FOR. PROVIDE 12" MOW STRIP CENTERED ON ALL FENCING.

SITE PLAN LEGEND

- X-X VINYL COATED CHAIN LINK FENCE, 48" HIGH
- L-L VINYL COATED CHAIN LINK FENCE, 72" HIGH
- M-M BLACK WROUGHT IRON FENCE, 48" HIGH
- R-R BLACK WROUGHT IRON FENCE, 72" HIGH
- A101 SIM — BUILDING SECTION TAG
- A101 SIM — WALL SECTION TAG
- 21 / A101 SIM — ENLARGED CALL OUT

PLAN KEY NOTES

TAG #	NOTES

A. NEW STRUCTURAL SPRAY RESURFACING. PROVIDE NEW STRUCTURAL SPRAY-APPLIED RESURFACING SYSTEM AT LOCATIONS SHOWN. PREPARE EXISTING SUBSTRATES, INCLUDING CLEANING, PATCHING, AND REPAIR AS REQUIRED. INSTALL RESURFACING IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS AND CIVIL DRAWINGS. INCLUDE LONG JUMP AND POLE VAULT PIT AREAS WITHIN EXTENTS OF RESURFACING. REF SPEC 32 18 23.61

B. PROVIDE AND INSTALL NEW LIGHT FIXTURES AT LOCATIONS SHOWN. CONNECT TO EXISTING OR NEW ELECTRICAL SYSTEMS AS REQUIRED. VERIFY LIGHTING LAYOUT, CONTROLS, AND FIXTURE TYPES WITH ELECTRICAL DRAWINGS.

C. PROVIDE AND INSTALL NEW POWER BONDED CARPET FLOORING IN AREAS INDICATED. PREPARE SUBSTRATE, INCLUDING CLEANING, PATCHING, AND LEVELING AS REQUIRED TO PROVIDE A SMOOTH, SOUND SURFACE. INSTALL CARPET IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS. PROVIDE NEW TRANSITIONS, BASE, AND EDGE CONDITIONS AS REQUIRED TO MATCH ADJACENT CONSTRUCTION.

D. NEW CEILING SYSTEM AND FIXTURES. PROVIDE AND INSTALL NEW ACOUSTICAL CEILING TILES IN EXISTING T-GRID SYSTEM. REPLACE ANY DAMAGED OR NONCONFORMING GRID MEMBERS AS REQUIRED. PROVIDE AND INSTALL NEW LIGHT FIXTURES.

E. RENOVATE EXISTING BLEACHERS AND HANDRAILS. REPAIR, TIGHTEN, AND SECURE ALL LOOSE BLEACHER SEATING, DECKING, AND SUPPORT COMPONENTS. REPAIR, REALIGN, AND SECURE EXISTING HANDRAILS AND GUARDRAILS AS REQUIRED TO MEET CODE AND SAFETY REQUIREMENTS. PRESSURE WASH AND CLEAN EXISTING BLEACHERS, HANDRAILS, AND ADJACENT SURFACES TO REMOVE DIRT, DEBRIS, AND STAINS PRIOR TO FINAL COMPLETION.

F. PROVIDE NEW PAINT AT EXISTING DOORS, DOOR FRAMES, AND ADJACENT WALL SURFACES AS INDICATED. PREPARE SURFACES BY CLEANING, PATCHING, AND REPAIRING IMPERFECTIONS. APPLY NEW PAINT SYSTEM TO MATCH COLOR, SHEEN, AND FINISH AS SCHEDULED

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. REMOVE, REMOVE AND SALVAGE, AND REMOVE AND REINSTALL ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.
4. DETACH ALL WALL AND CEILING MOUNTED ITEMS THAT ARE AFFECTED BY WORK AND NOT SPECIFICALLY ADDRESSED, REINSTALL OR SALVAGE ITEMS AS DIRECTED BY OWNER, DISPOSE OF ALL OTHERS.
5. WHERE A SEAMLESS PATCH BETWEEN EXISTING AND NEW SURFACES AND ITEMS IS NOT POSSIBLE OR PRACTICAL, REMOVE EXISTING ELEMENT BACK TO NEAREST JOINT OR CORNER AND REPLACE WITH NEW TO MATCH.
6. REMOVE ALL ABANDONED ITEMS EXPOSED BY DEMOLITION.
7. GENERAL CONTRACTOR TO SALVAGE EXTRA LIGHT FIXTURES TO OWNER.
8. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGED WALL SURFACES THAT HAPPEN DURING THE DEMOLITION/CONSTRUCTION PROCESS.
9. DURING DEMOLITION, RETAIN STRUCTURAL INTEGRITY FOR INTERIOR/EXTERIOR WALLS. CONTACT ARCHITECT SHOULD QUESTIONS/PROBLEMS ARISE.
10. REFERENCE ARCHITECTURAL, MEP AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING BUILDING DEMOLITION/RENOVATIONS.
11. IF WALL(S) OR SUB-WALL SURFACE(S) IS/ARE DAMAGED DURING REMOVAL OR DEMOLITION, THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF WALL MATERIAL(S) TO ENSURE A LEVEL AND SMOOTH WALL SURFACE. MATCH ADJACENT WALL FINISH WHEN POSSIBLE.
12. CONTRACTOR RESPONSIBLE FOR CAPPING REMOVED PLUMBING LINES BELOW FINISH FLOOR AND PREPARING FLOOR SURFACE TO RECEIVE SCHEDULED FINISH.
13. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND CAPPING ELECTRICAL WIRING PRIOR TO DEMOLITION OF WALL(S).
14. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING SURFACES AND FINISHES DURING THE DEMOLITION/CONSTRUCTION PROCESS.
15. CONTRACTOR RESPONSIBLE FOR CEILING PATCHING AND CEILING PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
16. CONTRACTOR RESPONSIBLE FOR WALL PATCHING AND WALL PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
17. CONTRACTOR RESPONSIBLE FOR FLOOR PATCHING AND FLOOR PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- AREA TO BE DEMOLISHED
- NOT IN SCOPE
- SCOPE OF DEMOLITION
- (#) DEMO KEY NOTE — (#) NEW CONSTRUCTION

DEMOLITION KEY NOTES

TAG #	NOTES

1.DEMO EXISTING STRUCTURAL SPRAY-APPLIED RESURFACING MATERIAL AT LOCATIONS SHOWN. TRACK, LONG JUMP AND POLE VAULT PITS ARE INCLUDED WITHIN THE EXTENTS OF RESURFACING. REFER TO CIVIL DRAWINGS FOR RESURFACING DETAILS AND EXTENTS. REFER TO PM SECTION 321823.61 FOR SURFACE REMOVAL AND INSTALLATION REQUIREMENTS.
2. REMOVE AND REINSTALL EXISTING RECESSED CEILING FIXTURES AS REQUIRED TO REPLACE CEILING TILES. REFER TO MEP DRAWINGS FOR ASSOCIATED DEMO SCOPE. DIFFUSERS, GRILLES, ACCESS PANELS, SENSORS, AND ANY OTHER CEILING-MOUNTED DEVICES SHALL BE REMOVED AND REINSTALLED.
3. DEMO EXISTING VCT FLOOR TILE AND WALL BASE. CLEAN AND PREPARE FLOORING FOR NEW TILE AND BASE AS NOTED ON MATERIAL SCHEDULE.
4. DEMO EXISTING ACT CEILING TILES. EXISTING CEILING GRID TO REMAIN. PROTECT ALL EXISTING CEILING FIXTURES TO REMAIN FROM CONSTRUCTION TRAFFIC AS NOTED IN ARCH OR MEP DRAWINGS.

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

16301 Chimney Rock Rd, Houston, TX 77053

WILLOWRIDGE HIGH SCHOOL

FBISD INSPIRE • EQUIP • IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAME 30113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

No.	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

A1.02-W
SITE PLAN - FOOTBALL FIELD

WILLOWRIDGE HIGH SCHOOL

1/14/2026 6:14:34 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Athl/25-006_WILLOWRIDGE_ARCH_FBISD ATHLETIC RENOVATIONS BP012-W_R25.rvt

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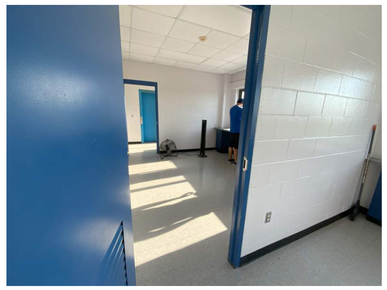
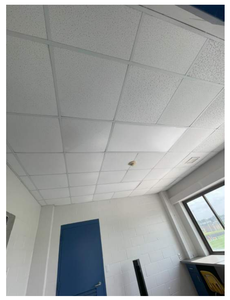
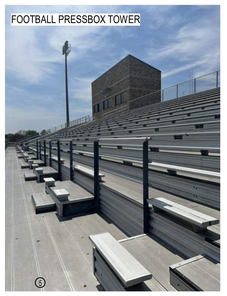
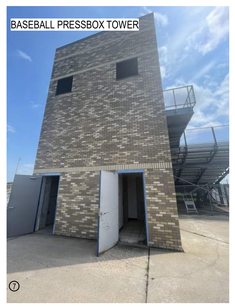
FOOTBALL PRESSBOX : INCLUDE REPLACEMENT OF CEILING TILES, PAINTING OF FRAMES, WALLS, AND NEW FLOORING TO ACHIEVE A CONSISTENT LEVEL OF FINISH.

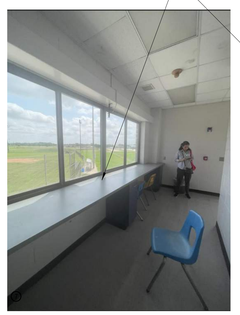


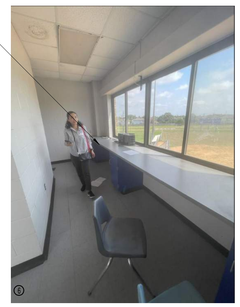




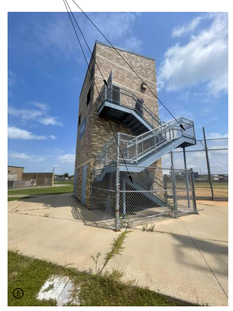
POWER AND DATA IN SOFTBALL AND BASEBALL PRESSBOXES



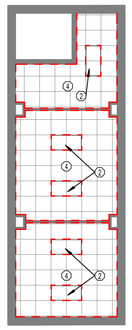




HANDRAILS LEADING TO BASEBALL AND SOFTBALL PRESSBOX TOWERS SHALL BE PAINTED AND STAIRS SHALL BE PRESSURE WASHED

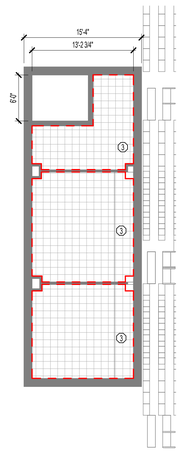


BASEBALL AND SOFTBALL PRESSBOX: SCOPE INCLUDES POWER AND DATA IN PRESS BOX, GENERAL CLEANING OF PRESS BOX, PAINTING OF HANDRAILS AND STAIR TOWER, AND PRESSURE WASHING OF STAIRS. SCOPE IS TO INCLUDE REPLACEMENT OF CEILING TILES AND LIGHTS, PAINTING OF FRAMES,WALLS, AND NEW FLOORING TO ACHIEVE A CONSISTENT LEVEL OF FINISH.

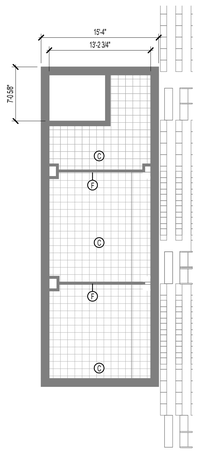


DEMO RCP - FOOTBALL PRESSBOX 9
SCALE: 1/8" = 1'-0"

RCP - FOOTBALL PRESSBOX 8
SCALE: 1/8" = 1'-0"



01 DEMO PLAN - FOOTBALL PRESSBOX 7
SCALE: 1/8" = 1'-0"



01 FLOOR PLAN - FOOTBALL PRESSBOX 6
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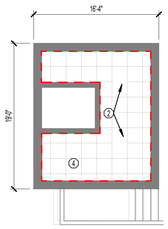
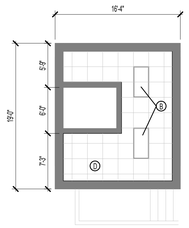
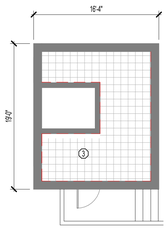


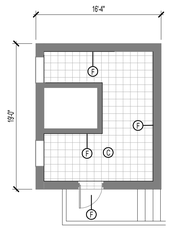
02 DEMO RCP - BASEBALL/SOFTBALL PRESSBOX 4
SCALE: 1/8" = 1'-0"



02 RCP - BASEBALL/SOFTBALL PRESSBOX 3
SCALE: 1/8" = 1'-0"



02 DEMO FLOOR PLAN - BASEBALL/SOFTBALL PRESSBOX 2
SCALE: 1/8" = 1'-0"



02 FLOOR PLAN - BASEBALL/SOFTBALL PRESSBOX 1
SCALE: 1/8" = 1'-0"

SITE PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00-W FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET G0.01-W & G0.02-W FOR TAS REQUIREMENTS
3. RE: G0.03-W FOR CODE PLAN
4. PROVIDE KNOX PADLOCKS AT ALL VEHICULAR GATES. PROVIDE BOLLARDS AT LATCH SIDES OF VEHICULAR GATES WHEN THEY ARE OPEN AND HASP TO LOCK OPEN GATE TO BOLLARD.
5. ALL FENCING SHALL BE VINYL COATED CHAIN LINK, 48" HIGH UNO.
6. PROVIDE 48" HIGH, 4" DIA. CONCRETE FILLED STEEL BOLLARDS SPACED 6' O.C. AROUND SIDES AND BACK OF DUMPSTER YARDS, AROUND ELECTRICAL TRANSFORMER AS REQUIRED BY ELECTRICAL PROVIDER, AND AT BOTH SIDES OF EXTERIOR ROLL-UP/GARAGE DOORS.
7. ALL DISTURBED AREAS SHALL BE FINISH GRADED, REVEGETATED, AND IRRIGATED.
8. FLAGPOLES SHALL HAVE MIN. 6' DIAMETER PAVING AROUND THEM AND A PATH TO A BUILDING ENTRANCE. PATH AND PAVING SHALL BE TAS REQUIREMENTS FOR WIDTH AND GRADING.
9. ALL RETAINING WALLS SHALL HAVE BACKSIDE WATERPROOFING AND DRAINAGE
10. ALL EXIT GATES SHALL BE PROVIDED WITH PANIC HARDWARE AND WIRED FOR CARD READERS AND ELECTRIFIED HARDWARE.
11. PROVIDE 24" CONCRETE MOW STRIP AROUND PERIMETER OF ALL BUILDINGS WHERE NO OTHER PAVING IS CALLED FOR. PROVIDE 12" MOW STRIP CENTERED ON ALL FENCING.

SITE PLAN LEGEND

- VINYL COATED CHAIN LINK FENCE, 48" HIGH
- VINYL COATED CHAIN LINK FENCE, 72" HIGH
- BLACK WROUGHT IRON FENCE, 48" HIGH
- BLACK WROUGHT IRON FENCE, 72" HIGH
- BUILDING SECTION TAG (SIM / A101)
- WALL SECTION TAG (SIM / A101)
- ENLARGED CALL OUT (21 / A101 / SIM)

PLAN KEY NOTES

TAG # NOTES

A. INSTALL NEW STRUCTURAL SPRAY TRACK RESURFACING AT LOCATIONS SHOWN ON DRAWINGS. PREPARE EXISTING SUBSTRATES, INCLUDING CLEANING, PATCHING, REPAIR, LEVELING AS REQUIRED. INSTALL RESURFACING IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS AND CIVIL DRAWINGS. INCLUDE LONG JUMP AND POLE VAULT PIT AREAS WITHIN EXTENTS OF RESURFACING. REF TO PM SECTION 321823.61 FOR INSTALLATION REQUIREMENTS.

B. PROVIDE AND INSTALL NEW LIGHT FIXTURES AT LOCATIONS SHOWN. CONNECT TO EXISTING OR NEW ELECTRICAL SYSTEMS AS REQUIRED. VERIFY LIGHTING LAYOUT, CONTROLS, AND FIXTURE TYPES WITH ELECTRICAL DRAWINGS.

C. PROVIDE AND INSTALL NEW POWER BONDED CARPET FLOORING IN AREAS INDICATED. PREPARE SUBSTRATE, INCLUDING CLEANING, PATCHING, AND LEVELING AS REQUIRED TO PROVIDE A SMOOTH, SOUND SURFACE. INSTALL CARPET IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS. PROVIDE NEW TRANSITIONS, BASE, AND EDGE CONDITIONS AS REQUIRED TO MATCH ADJACENT CONSTRUCTION.

D. NEW CEILING SYSTEM AND FIXTURES. PROVIDE AND INSTALL NEW ACOUSTICAL CEILING TILES IN EXISTING T-GRID SYSTEM. REPLACE ANY DAMAGED OR NONCONFORMING GRID MEMBERS AS REQUIRED. PROVIDE AND INSTALL NEW LIGHT FIXTURES.

E. RENOVATE EXISTING BLEACHERS AND HANDRAILS. REPAIR, TIGHTEN, AND SECURE ALL LOOSE BLEACHER SEATING, DECKING, AND SUPPORT COMPONENTS. REPAIR, REALIGN, AND SECURE EXISTING HANDRAILS AND GUARDRAILS. PRESSURE WASH AND CLEAN EXISTING BLEACHERS, HANDRAILS, AND ADJACENT SURFACES TO REMOVE DIRT, DEBRIS, AND STAINS PRIOR TO FINAL COMPLETION.

F PROVIDE NEW PAINT AT ALL EXISTING DOORS, DOOR FRAMES, AND ALL WALL SURFACES. PREPARE SURFACES BY CLEANING, PATCHING, AND REPAIRING IMPERFECTIONS. APPLY NEW PAINT SYSTEM TO MATCH COLOR, SHEEN, AND FINISH AS SCHEDULED

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTORS UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. REMOVE, REMOVE AND SALVAGE, AND REMOVE AND REINSTALL ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.
4. DETACH ALL WALL AND CEILING MOUNTED ITEMS THAT ARE AFFECTED BY WORK AND NOT SPECIFICALLY ADDRESSED, REINSTALL OR SALVAGE ITEMS AS DIRECTED BY OWNER, DISPOSE OF ALL OTHERS.
5. WHERE A SEAMLESS PATCH BETWEEN EXISTING AND NEW SURFACES AND ITEMS IS NOT POSSIBLE OR PRACTICAL, REMOVE EXISTING ELEMENT BACK TO NEAREST JOINT OR CORNER AND REPLACE WITH NEW TO MATCH.
6. REMOVE ALL ABANDONED ITEMS EXPOSED BY DEMOLITION.
7. GENERAL CONTRACTOR TO SALVAGE EXTRA LIGHT FIXTURES TO OWNER.
8. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGED WALL SURFACES THAT HAPPEN DURING THE DEMOLITION/CONSTRUCTION PROCESS.
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11. IF WALL(S) OR SUB-WALL SURFACE(S) IS/ARE DAMAGED DURING REMOVAL OR DEMOLITION, THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF WALL MATERIAL(S) TO ENSURE A LEVEL AND SMOOTH WALL SURFACE. MATCH ADJACENT WALL FINISH WHEN POSSIBLE.
12. CONTRACTOR RESPONSIBLE FOR CAPPING REMOVED PLUMBING LINES BELOW FINISH FLOOR AND PREPARING FLOOR SURFACE TO RECEIVE SCHEDULED FINISH.
13. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND CAPPING ELECTRICAL WIRING PRIOR TO DEMOLITION OF WALL(S).
14. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING SURFACES AND FINISHES DURING THE DEMOLITION/CONSTRUCTION PROCESS.
15. CONTRACTOR RESPONSIBLE FOR CEILING PATCHING AND CEILING PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
16. CONTRACTOR RESPONSIBLE FOR WALL PATCHING AND WALL PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
17. CONTRACTOR RESPONSIBLE FOR FLOOR PATCHING AND FLOOR PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- AREA TO BE DEMOLISHED
- NOT IN SCOPE
- SCOPE OF DEMOLITION
- 1 DEMO KEY NOTE, 2 NEW CONSTRUCTION

DEMOLITION KEY NOTES

TAG # NOTES

1.DEMO EXISTING STRUCTURAL SPRAY-APPLIED RESURFACING MATERIAL AT LOCATIONS SHOWN. TRACK, LONG JUMP AND POLE VAULT PITS ARE INCLUDED WITHIN THE EXTENTS OF RESURFACING. REFER TO CIVIL DRAWINGS FOR RESURFACING DETAILS AND EXTENTS. REFER TO PM SECTION 321823.61 FOR SURFACE REMOVAL AND INSTALLATION REQUIREMENTS.

2. REMOVE AND REINSTALL EXISTING RECESSED CEILING FIXTURES AS REQUIRED TO REPLACE CEILING TILES. REFER TO MEP DRAWINGS FOR ASSOCIATED DEMO SCOPE. DIFFUSERS, GRILLES, ACCESS PANELS, SENSORS, AND ANY OTHER CEILING-MOUNTED DEVICES SHALL BE REMOVED AND REINSTALLED.

3. DEMO EXISTING VCT FLOOR TILE AND WALL BASE. CLEAN AND PREPARE FLOORING FOR NEW TILE AND BASE AS NOTED ON MATERIAL SCHEDULE.

4. DEMO EXISTING ACT CEILING TILES. EXISTING CEILING GRID TO REMAIN. PROTECT ALL EXISTING CEILING FIXTURES TO REMAIN FROM CONSTRUCTION TRAFFIC AS NOTED IN ARCH OR MEP DRAWINGS.

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

16301 Chimney Rock Rd, Houston, TX 77053

WILLOWRIDGE HIGH SCHOOL

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16431 Lexington Blvd.
Sugarland, TX 77479

REGISTERED ARCHITECT MICHAEL ADAME 20113 STATE OF TEXAS

DATE: 12/04/2025

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DRW CHECKED BY: CHK
REVISIONS:

Δ	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

A1.03-W

FLOOR PLAN - BASEBALL & SOFTBALL FIELD AND PRESSBOX

WILLOWRIDGE HIGH SCHOOL

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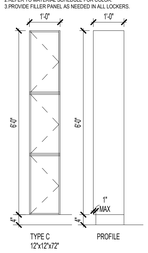
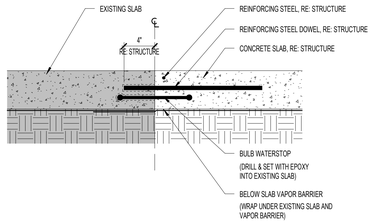
LOCKER SCHEDULE

1.PROVIDE SHOP APPLIED, BAKED EPOXY ENAMEL FINISH
2.REFER TO MATERIAL SCHEDULE FOR COLOR
3.PROVIDE FILLER PANEL AS NEEDED IN ALL LOCKERS.

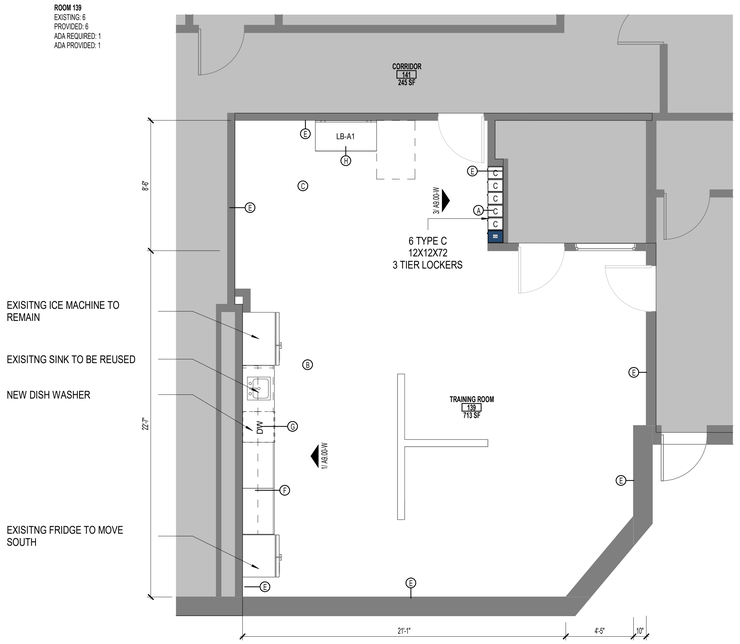


ROOM 139
EXISTING: 6
PROVIDED: 6
ADA REQUIRED: 1
ADA PROVIDED: 1



SECTION DETAIL - NEW SLAB AT EXISTING SLAB 3

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



01 FLOOR PLAN - FIELD HOUSE TRAINING ROOM 2

SCALE: 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A 0.00 FOR ADDITIONAL GENERAL NOTES.
2. RE: SHEET A 0.05 FOR PARTITION TYPE SCHEDULE
3. RE: A0.03 & A0.04 SHEETS FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS.
4. RE: SHEET A0.30 & SPECIFICATIONS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
5. DIMENSIONS SHOWN ON THE FLOOR PLANS ARE TO THE FACE OF STUD/FACE OF CMU/FACE OF TILT WALL OF INTERIOR WALLS, UNLESS OTHERWISE INDICATED.
6. ALL SINKS AND LAVATORIES SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE FIXTURE IS 1'-3" MIN. TO THE FACE OF ADJACENT FIXED EQUIPMENT, PARTITIONS, CASEWORK, WALLS, ETC. AND 1'-3" MIN. TO THE CENTER OF AN ADJACENT FIXTURE.
7. REFER TO SHEETS A3 SHEETS FOR TOILET ROOM DESIGNATIONS, TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
8. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER & LATCH. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR, UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

FLOOR PLAN LEGEND

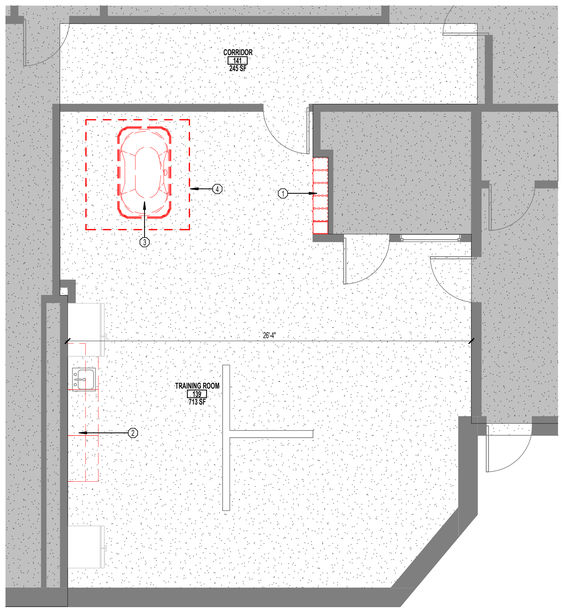
- NEW CONSTRUCTION
- EXISTING/ NOT IN SCOPE
- EXPANSION JOINT
- COLUMN GRID (AB)
- EXTERIOR ELEVATION TAG (Ref: 10 / A101)
- INTERIOR ELEVATION TAG (1/ A101 Ref)
- BUILDING SECTION TAG (SIM / A101)
- WALL SECTION TAG (SIM / 1 / A101)
- ENLARGED CALL OUT (21 / A101 SIM)
- DOOR TAG (101)
- PARTITION TAG (AX)
- HOLLOW METAL WINDOW TAG
- ALUMINUM WINDOW TAG (1)
- 5' DIAMETER ADA TURN AROUND

FLOOR PLAN NOTES BY NUMBER

A. NEW LOCKERS. PROVIDE AND INSTALL NEW LOCKERS AT LOCATIONS SHOWN. PROVIDE ONE ADA-COMPLIANT LOCKER AS INDICATED. COORDINATE FINAL LAYOUT AND ANCHORAGE WITH EXISTING CONCRETE BASE. PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
B. CLEAN AND PRESSURE WASH EXISTING FLOOR SURFACES TO REMOVE DIRT, DEBRIS, AND STAINS. PROTECT ADJACENT WALLS, EQUIPMENT, AND FINISHES DURING CLEANING OPERATIONS.
C. REPAIR AND PATCH FLOOR AT WHERE WHIRLPOOL EQUIPMENT WAS REMOVED. PREPARE FLOOR FOR NEW FINISH AS NOTED ON FINISH SCHEDULE. PROVIDE A LEVEL, SOUND SURFACE TO MATCH ADJACENT FLOOR CONDITIONS.
D. CLOSE FLOOR DRAIN AT WHIRLPOOL. PATCH AND CLOSE EXISTING FLOOR DRAIN SERVING THE WHIRLPOOL AS INDICATED. CAP AND SEAL DRAIN IN ACCORDANCE WITH APPLICABLE PLUMBING CODES AND REPAIR FLOOR TO MATCH ADJACENT FINISH.
E. NEW PAINT. PROVIDE NEW PAINT AT ALL EXISTING DOORS, DOOR FRAMES, AND ALL WALL SURFACES IN THE SPACE. PREPARE SURFACES BY CLEANING, PATCHING, AND REPAIRING IMPERFECTIONS. APPLY NEW PAINT SYSTEM TO MATCH COLOR, SHEEN, AND FINISH AS SCHEDULED.
F. NEW CASEWORK. PROVIDE AND INSTALL NEW CASEWORK AT LOCATIONS SHOWN, INCLUDING CABINETS, COUNTERTOPS, AND BACKSPLASHES. COORDINATE WITH EXISTING EQUIPMENT TO REMAIN.
G. NEW DISHWASHER. PROVIDE AND INSTALL NEW DISHWASHER AT LOCATION SHOWN. CONNECT TO EXISTING OR NEW PLUMBING AND ELECTRICAL SERVICES AS REQUIRED. TEST FOR PROPER OPERATION UPON COMPLETION.
H. ADA BENCH. PROVIDE AND INSTALL NEW ADA-COMPLIANT BENCH AT LOCATION SHOWN. BENCH SHALL COMPLY WITH ADA ACCESSIBILITY REQUIREMENTS FOR CLEAR FLOOR SPACE, SEAT HEIGHT, AND APPROACH CLEARANCES. ANCHOR BENCH IN ACCORDANCE WITH APPLICABLE CODES.

SPECIALTY EQUIPMENT

TAG	EQUIPMENT
C	LOCKER - 12" W X 12" D X 72" H
LB-A1	LOCKER BENCH ACCESSIBLE - 48" L X 24" W AT WALL



01 DEMO PLAN - FIELD HOUSE TRAINING ROOM 1

SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO VISIT THE SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AS THEY EXIST. SUBMISSION OF BID INDICATES THE CONTRACTOR'S UNDERSTANDING OF EXISTING CONDITIONS AND WILLINGNESS TO WORK WITH THESE CONDITIONS.
2. REMOVE, REMOVE AND SALVAGE, AND REMOVE AND REINSTALL ITEMS INDICATED GRAPHICALLY ACCORDING TO DEMOLITION LEGEND AND AS INDICATED.
3. REFER TO ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING ITEMS.
4. DETACH ALL WALL AND CEILING MOUNTED ITEMS THAT ARE AFFECTED BY WORK AND NOT SPECIFICALLY ADDRESSED. REINSTALL OR SALVAGE ITEMS AS DIRECTED BY OWNER. DISPOSE OF ALL OTHERS.
5. WHERE A SEAMLESS PATCH BETWEEN EXISTING AND NEW SURFACES AND ITEMS IS NOT POSSIBLE OR PRACTICAL, REMOVE EXISTING ELEMENT BACK TO NEAREST JOINT OR CORNER AND REPLACE WITH NEW TO MATCH.
6. REMOVE ALL ABANDONED ITEMS EXPOSED BY DEMOLITION.
7. GENERAL CONTRACTOR TO SALVAGE EXTRA LIGHT FIXTURES TO OWNER.
8. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGED WALL SURFACES THAT HAPPEN DURING THE DEMOLITION/CONSTRUCTION PROCESS.
9. DURING DEMOLITION, RETAIN STRUCTURAL INTEGRITY FOR INTERIOR/EXTERIOR WALLS. CONTACT ARCHITECT SHOULD QUESTIONS/PROBLEMS ARISE.
10. REFERENCE ARCHITECTURAL, MEP AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING BUILDING DEMOLITION/RENOVATIONS.
11. IF WALL(S) OR SUB-WALL SURFACE(S) IS/ARE DAMAGED DURING REMOVAL OR DEMOLITION, THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF WALL MATERIAL(S) TO ENSURE A LEVEL AND SMOOTH WALL SURFACE. MATCH ADJACENT WALL FINISH WHEN POSSIBLE.
12. CONTRACTOR RESPONSIBLE FOR CAPPING REMOVED PLUMBING LINES BELOW FINISH FLOOR AND PREPARING FLOOR SURFACE TO RECEIVE SCHEDULED FINISH.
13. CONTRACTOR RESPONSIBLE FOR DISCONNECTING AND CAPPING ELECTRICAL WIRING PRIOR TO DEMOLITION OF WALL(S).
14. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING SURFACES AND FINISHES DURING THE DEMOLITION/CONSTRUCTION PROCESS.
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16. CONTRACTOR RESPONSIBLE FOR WALL PATCHING AND WALL PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.
17. CONTRACTOR RESPONSIBLE FOR FLOOR PATCHING AND FLOOR PREP IN AREAS AFFECTED BY DEMOLITION/CONSTRUCTION.

DEMOLITION LEGEND

- ELEMENTS TO BE DEMOLISHED OR REMOVED FROM SPACE
- AREA OF FLOOR TO BE PATCHED
- (1) DEMOLITION KEY NOTE — (C) NEW CONSTRUCTION KEY NOTE

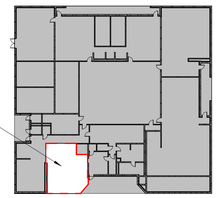
DEMOLITION KEY NOTES

TAG # NOTES

1.DEMO EXISTING LOCKERS AS INDICATED ON PLANS. SALVAGE, PROTECT, AND MAINTAIN EXISTING CONCRETE BASE FOR REUSE. COORDINATE REMOVAL TO PREVENT DAMAGE TO ADJACENT WALLS, FLOOR, AND BASE.
2.DEMO EXISTING CASEWORK AND COUNTERTOP. REMOVE EXISTING CASEWORK AND COUNTERTOP AS INDICATED. CAREFULLY REMOVE AND REUSE EXISTING SINK. REPAIR, PATCH, AND REFINISH WALLS AND FLOORING TO MATCH ADJACENT SURFACES.
3.DEMO EXISTING WHIRLPOOL. DEMOLISH AND REMOVE EXISTING WHIRLPOOL TUB AND ALL ASSOCIATED FIXTURES, CONNECTIONS, AND ACCESSORIES. REMOVE ALL WHIRLPOOL ACCESSORIES AND RETURN TO OWNER AS DIRECTED.
4.DEMO FLOOR ELEMENTS AT WHIRLPOOL. DEMOLISH AND REMOVE ALL FLOOR ELEMENTS ASSOCIATED WITH THE WHIRLPOOL INSTALLATION, INCLUDING PADS, CURBS, AND PENETRATIONS. PATCH, REPAIR, AND RESTORE FLOOR TO PROVIDE A LEVEL, SOUND SURFACE FOR NEW WORK.
5.SALVAGE AND REUSE ITEMS. ALL EXISTING ELEMENTS IN SPACE TO BE REUSED SHALL BE CAREFULLY REMOVED, PROTECTED, AND STORED. COORDINATE WITH OWNER FOR STORAGE LOCATION, INVENTORY, AND FINAL DISPOSITION OF SALVAGED ITEMS.

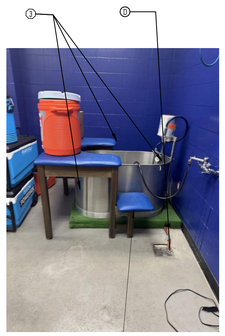
TAG # NOTES

1.DEMO EXISTING LOCKERS AS INDICATED ON PLANS. SALVAGE, PROTECT, AND MAINTAIN EXISTING CONCRETE BASE FOR REUSE. COORDINATE REMOVAL TO PREVENT DAMAGE TO ADJACENT WALLS, FLOOR, AND BASE.
2.DEMO EXISTING CASEWORK AND COUNTERTOP. REMOVE EXISTING CASEWORK AND COUNTERTOP AS INDICATED. CAREFULLY REMOVE AND REUSE EXISTING SINK. REPAIR, PATCH, AND REFINISH WALLS AND FLOORING TO MATCH ADJACENT SURFACES.
3.DEMO EXISTING WHIRLPOOL. DEMOLISH AND REMOVE EXISTING WHIRLPOOL TUB AND ALL ASSOCIATED FIXTURES, CONNECTIONS, AND ACCESSORIES. REMOVE ALL WHIRLPOOL ACCESSORIES AND RETURN TO OWNER AS DIRECTED.
4.DEMO FLOOR ELEMENTS AT WHIRLPOOL. DEMOLISH AND REMOVE ALL FLOOR ELEMENTS ASSOCIATED WITH THE WHIRLPOOL INSTALLATION, INCLUDING PADS, CURBS, AND PENETRATIONS. PATCH, REPAIR, AND RESTORE FLOOR TO PROVIDE A LEVEL, SOUND SURFACE FOR NEW WORK.
5.SALVAGE AND REUSE ITEMS. ALL EXISTING ELEMENTS IN SPACE TO BE REUSED SHALL BE CAREFULLY REMOVED, PROTECTED, AND STORED. COORDINATE WITH OWNER FOR STORAGE LOCATION, INVENTORY, AND FINAL DISPOSITION OF SALVAGED ITEMS.

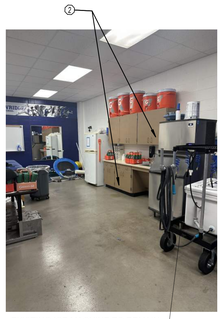


BUILDING KEY PLAN
N.T.S

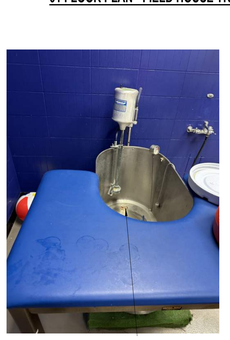
SITE KEY PLAN
N.T.S



REMOVE ALL ACCESSORIES FOR WHIRLPOOL AND RETURN TO OWNER.



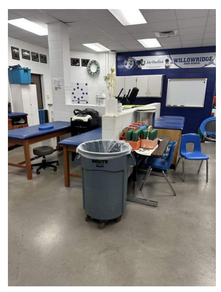
EXISTING ICE MACHINE TO REMAIN



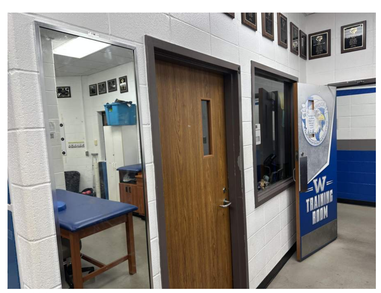
REMOVE EXISTING WHIRLPOOL AND RETURN TO OWNER.

DEMO AND REPLACE EXISTING LOCKERS - ONE LOCKER SHALL BE ADA COMPLIANT

DEMO AND REPLACE EXISTING CABINETS AND COUNTERTOP, ADD UNDER THE COUNTER ADA COMPLIANT DISHWASHER



EXISTING CMU ISLAND AND ELEVATED BEDS ARE NOT IN SCOPE (PRESENTED FOR CONTEXT STUDY), THE MIRROR PRESENT IN THE ROOM IS ADA COMPLIANT



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	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD

A2.00-W
01 FLOOR PLAN - FIELD HOUSE TRAINING ROOM

WILLOWRIDGE HIGH SCHOOL

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ROOM FINISH SCHEDULE - SOFTBALL & BASEBALL PRESSBOX

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
192	BASEBALL	CPT-1	RB-1	P-1	P-1	P-1	P-1	

ROOM FINISH SCHEDULE - FOOTBALL PRESS BOX

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
189	FOOTBALL PRESS BOX	CPT-1	RB-1	P-1	P-1	P-1	P-1	
190	FOOTBALL PRESS BOX	CPT-1	RB-1	P-1	P-1	P-1	P-1	
191	FOOTBALL PRESS BOX	CPT-1	RB-1	P-1	P-1	P-1	P-1	

MATERIAL SCHEDULE

MARK	MATERIAL	MANUFACTURER	STYLE	COLOR	SPECS	REMARKS
01 FLOOR FINISH						
CPT-1	CARPET	TANKETT			POWERBOND ROLL	NEW FLOOR AT PRESSBOX
RF-1	RESINOUS FLOORING	STONHARD	STONSHIELD STL	MATCH EXISTING		PATCHING AS APPLICABLE
02 BASE						
RB-1	RUBBER BASE					MATCH EXISTING
03 WALL FINISH						
P-1	PAINT	SHERWIN WILLIAMS				FIELD PAINT, MATCH EXISTING. PATCHING AS APPLICABLE
P-1E	EPOXY PAINT	SHERWIN WILLIAMS		MATCH FIELD PAINT, U.N.O.		EPOXY PAINT AT WET AREAS
P-2	PAINT	SHERWIN WILLIAMS		SW 6967 FRANK BLUE		SCHOOL COLOR ACCENT
P-3	PAINT	SHERWIN WILLIAMS		TO MATCH EXISTING	EXTERIOR. REF SPECS	DOORS AND HANDRAIL AT PRESSBOXES
04 CEILING						
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	CLEAN ROOM XL NO. 870	WHITE	24X SQUARE EDGE	NEW CEILING AT PRESSBOX
05 MISC FINISHES						
	LOCKERS	LIST INDUSTRIES		7177 GRAND BLANK BLUE		REF TO LOCKER SCHEDULE
PL-1	PLASTIC LAMINATE	WILSONART		LUNAR BIRCH WOOD	SOFTGRAIN FINISH	CASEWORK
PL-2	PLASTIC LAMINATE	WILSONART		DOVE GREY		COUNTERTOP AT TRAINING ROOM

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REGISTERED ARCHITECT
MICHAEL ADAME
STATE OF TEXAS
2025

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DRAWN BY: ERW CHECKED BY: CHK

REVISIONS
	Date	Description
1	01/14/2026	ADDENDUM #01

100% CD
A9.01-W
MATERIAL AND ROOM FINISH SCHEDULES
WILLOWRIDGE HIGH SCHOOL

BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS
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FIRE DETECTION AND ALARM SYSTEM:

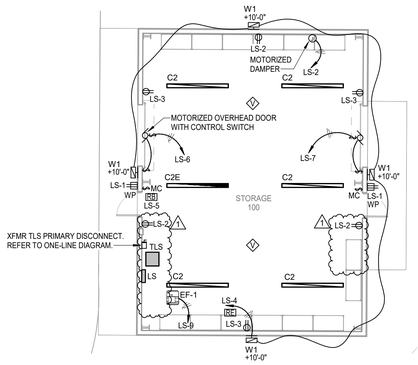
- LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL III, IN THE SUB FIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET) SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, NFPA 72, LOCAL AND STATE CODE REQUIREMENTS. FURNISH AND INSTALL ALL REQUIRED FIRE ALARM DEVICES, AS REQUIRED BY CODE. VERIFY EXACT REQUIREMENTS IN THE FIELD. COORDINATE ALL LOCATIONS WITH DRAWINGS APPROVED BY AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- EXISTING FIRE ALARM SYSTEM SHALL REMAIN FULLY OPERATIONAL THROUGHOUT ALL PHASES OF CONSTRUCTION.
- EXPAND EXISTING FIRE ALARM SYSTEM TO ACCOMMODATE NEW FIRE ALARM DEVICES AND SYSTEM BOOSTER PANELS.

ELECTRICAL KEYED NOTES:

1. CONNECT NEW LIGHT FIXTURES TO EXISTING NORMAL AND EMERGENCY 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 15-AMPERES.
2. EXISTING ELECTRIC HAND DRYER LOCATION; CONNECT REPLACEMENT HAND DRYER TO EXISTING CIRCUITRY PRESERVED DURING DEMOLITION. PROVIDE CIRCUIT BREAKER WITH NEW "LOCK-OFF" DEVICE.
3. PROVIDE NEW DUPLEX RECEPTACLE FOR DRINKING FOUNTAIN; PROVIDE CIRCUIT BREAKER WITH NEW 20A/1P GFCI.

ELECTRICAL GENERAL NOTES:

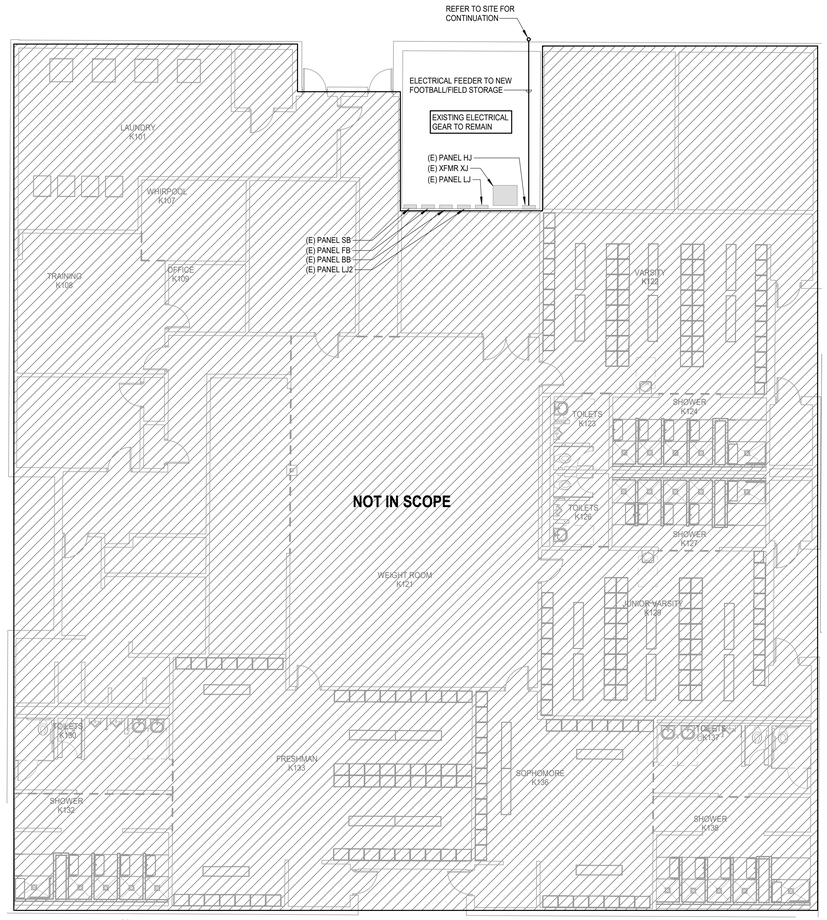
1. UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, CONTACTORS, DISCONNECTS, ETC... SHALL REMAIN.
2. REFER TO TECHNOLOGY SERIES (T-SERIES) DRAWINGS FOR ADDITIONAL WORK REQUIRED BY DIVISION 26.
3. ALL 15 AND 20 AMPERES, 125 AND 250 VOLT NON-LOCKING TYPE RECEPTACLES IN AREA SPECIFIED IN 406.12(1) THROUGH (7) SHALL BE LISTED AS TAMPER-RESISTANT TYPE RECEPTACLES.
4. 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 ½-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 ½-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 SPECIFICATION SECTION 26 05 33 CONDUIT SYSTEMS.
5. LIGHTING CONTROLS WHERE PROVIDED SHALL COMPLY WITH IECC 2015. REFER TO CONTROLS SCHEDULE FOR ALL LIGHTING CONTROLS, SENSORS, AND SWITCHING SCHEMES THROUGHOUT FACILITY.
6. CONTRACTOR SHALL MAINTAIN CONSTANT UNSWITCHED POWER FOR EMERGENCY RELAYS, BATTERY PACKS AND / OR EXIT SIGNS.
7. LOCATE DIGITAL LIGHTING CONTROLLER AND / OR EMERGENCY LOAD CONTROL RELAY ABOVE ACCESSIBLE CEILING 12-FEET AFF OR BELOW ADJACENT TO SWITCH CONTROLLING THE SPACE. IN NON-ACCESSIBLE AND / OR HIGH CEILING AREAS, LOCATE DIGITAL LIGHTING CONTROLLER IN ADJACENT ANCILLARY AREA WITH ACCESSIBLE CEILING. IN AREAS WITH NO CEILING AND / OR IN EXTERIOR APPLICATIONS LOCATE ADJACENT TO PANEL SERVING THE LOAD. PROVIDE PLASTIC TAPE MACHINE TYPED NAME PLATE TO BOTTOM OF CEILING T-GRID BELOW RELAY LOCATION. WHITE LETTERS ON BLACK BACKGROUND WITH 1/4" HIGH LETTERS ON 1/2" TALL. LABEL FOR DIGITAL MODULE, INDICATE AS: DLM.
8. 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.



N

3 ELECTRICAL PLAN - LEVEL 1 - FOOTBALL/FIELD STORAGE

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



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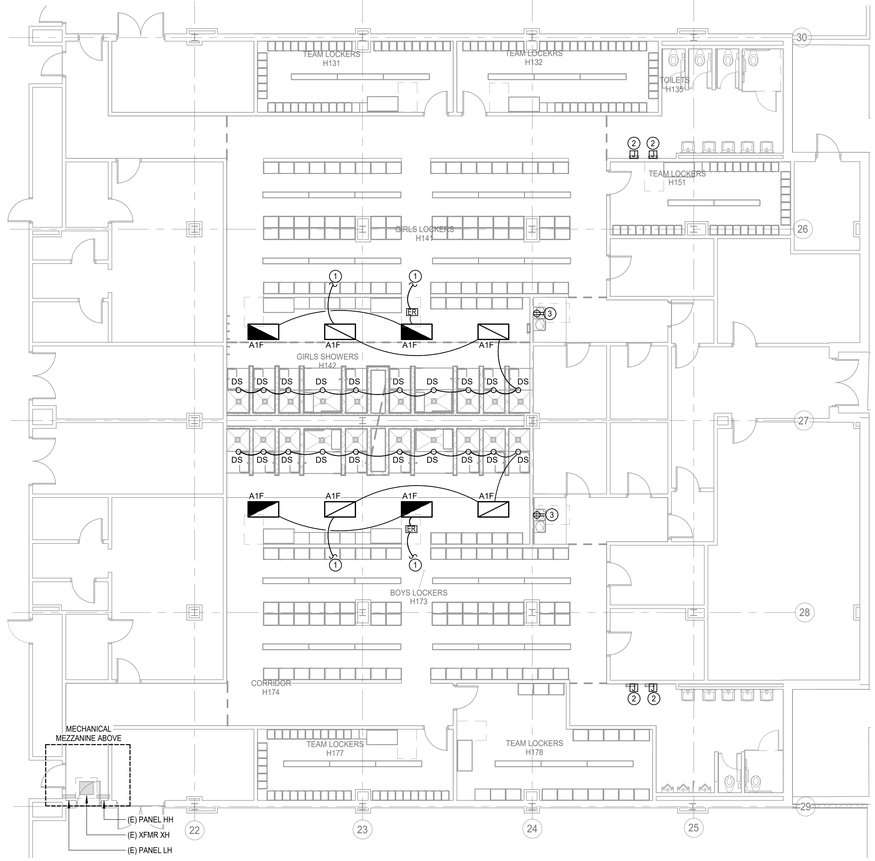
2 ELECTRICAL FLOOR PLAN - LEVEL 1 - FIELD HOUSE

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



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1 ELECTRICAL FLOOR PLAN - LEVEL 1 - GYM

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

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BRADLEY KALMANS
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LICENSED
01/12/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DES CHECKED BY: JZ
REVISIONS:

No.	Date	Description
1	01/12/26	Addendum #1

100% CD

E3.01-A
ELECTRICAL FLOOR PLANS - LEVEL 1

AUSTIN HIGH SCHOOL

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Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2550-00810-00

1/12/2026 8:31:26 AM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Athl/AUSTIN_MEPT_R25.rvt

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LIGHTING CONTROLS SCHEDULE

Type	Sensor Operation	# of Lighting Zones	Description
ER	-	-	UL924 LOAD CONTROL RELAY, PLENUM RATED, 0-10V COMPATIBLE, 16A MINIMUM
RC	OCCUPANCY - AUTO ON / AUTO OFF	1	ON/OFF KEYED SWITCH, NO DIMMING.

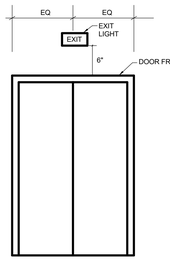
LIGHTING FIXTURE SCHEDULE

Type Mark	CATALOG NUMBER MANUFACTURER	MODEL	MOUNTING	DRIVER TYPE/LUMENS	CCT	CRI	VOLTAGE	LOAD	REMARKS
F1	McGRAW EDISON	TTN-D3-740-U-WQ-DPM-XX-NW+DPMSXX-NW	PENDANT	7,000L LED	4000 K	70	120 V	59 W	LOW BAY LUMINAIRE, IP66 RATED, WIDE DISTRIBUTION, DECORATIVE PENDANT MOUNT, WHITE FINISH. VERIFY PENDANT LENGTH TO MATCH EXISTING.
X2V	SURE-LITES	UX61WH	SURFACE	LED	-	80	277 V	1 W	VANDAL PROOF EXIT SIGN, WHITE HOUSING, RED LETTERING, AC ONLY.

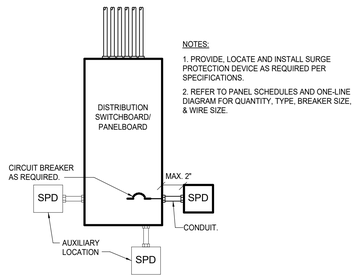
APPROVED LIGHTING MANUFACTURERS:

- LED / FLUORESCENT: LITHONIA, COLUMBIA, METALUX, AXIS, DAYBRITE, HE WILLIAMS, LSI, CREE
- EXIT SIGNS: LITHONIA, CHLORIDE, EMERGI-LITE, DUAL-LITE, SURE LITES, H.E. WILLIAMS
- ARCHITECTURAL HIGH PERFORMANCE FLOOD LIGHTS: WIDE-LITE, HADCO, KIM, McGRAW EDISON, GARDCO, LSI
- INDUSTRIAL: METALUX, LITHONIA, EXCELINE, G.E., HUBBELL, LUMARK, STONCO
- DOWN/TRACK LIGHTING: LIGHTOLIER, LITHONIA-GOTHAM, HALO ARCHITECTURAL, PRESCOLITE, HE WILLIAMS, INDY
- SECURITY (WALLPACKS): LITHONIA, McGRAW EDISON, G.E., LSI, HUBBELL, STONCO, GARDCO
- ARCHITECTURAL LINEAR: PEERLESS, LITECONTROL, ALERA, LAM, AMERICAN LINEAR LIGHTING, LEDALITE
- ARCHITECTURAL INDIRECT: INSIGHT, ORIGINAL CAST LIGHTING, SPI, LAM

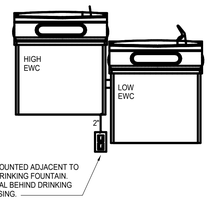
- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT INDICATED IN THE LIGHT FIXTURE SCHEDULE. WHERE THERE IS AN INCONSISTENCY BETWEEN THE LIGHT SCHEDULE AND THE SPECIFICATIONS, THE BETTER QUALITY OF WORK SHALL BE INCLUDED IN THE PROPOSAL.
- THE ABOVE LIGHTING MANUFACTURERS LIST DOES NOT IMPLY APPROVAL. APPROVAL WILL BE DETERMINED AFTER REVIEW OF SHOP DRAWING TO DETERMINE IF THE FIXTURE OR POLE SUBMITTED MEETS OR EXCEEDS THE DESIGN STANDARDS AND PERFORMANCE REQUIRED OF THE FIXTURE SPECIFIED IN THE LIGHT FIXTURE SCHEDULE OR SPECIFICATIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE THE SPECIFIED LIGHT FIXTURE IF A SUBSTITUTION IS NOT APPROVED WITHOUT ANY ADDITIONAL COST TO THE OWNER. WHERE SPECIFIC OPTIONS/ACCESORIES ARE SPECIFIED OR REQUIRED, THEY SHALL BE PROVIDED WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- DUE TO THE WIDE RANGE OF FIXTURE QUALITIES OFFERED BY EACH MANUFACTURER, THE APPROVED LIGHTING MANUFACTURERS SUBSTITUTION LIST IS NOT INTENDED TO INDICATE THAT ANY OR ALL MANUFACTURERS LISTED WILL HAVE SUITABLE SUBSTITUTIONS FOR THE LIGHT FIXTURES OR POLES SPECIFIED IN THE LIGHT FIXTURE SCHEDULE. SHOP DRAWING AND CONSTRUCTION DELAYS AS A RESULT OF INAPPROPRIATE SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL NOT RESULT IN ANY ADDITIONAL COST TO THE OWNER.



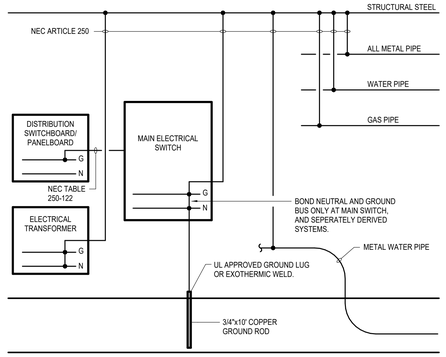
5 TYPICAL EXIT SIGN LOCATION
SCALE: NONE



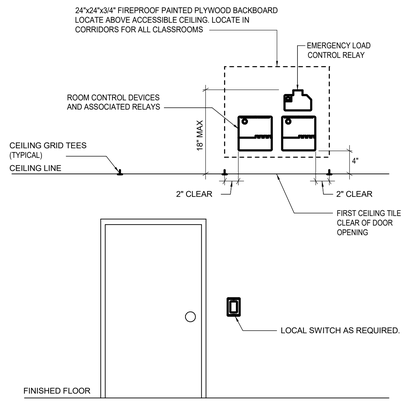
4 SURGE PROTECTION DETAIL
SCALE: NONE



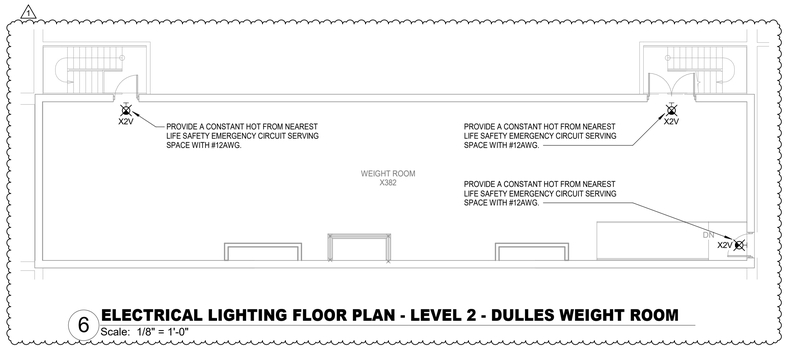
3 ELECTRONIC DRINKING FOUNTAIN DETAIL
SCALE: NONE



2 GROUNDING DETAIL
SCALE: NONE



1 TYPICAL LIGHTING CONTROLS ELEVATION
SCALE: NONE



6 **ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 2 - DULLES WEIGHT ROOM**
Scale: 1/8" = 1'-0"

SYMBOL SCHEDULE

SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)	
	LIGHT FIXTURE - RECESSED OR SURFACE MOUNTED
	LIGHT FIXTURE - RECESSED OR SURFACE MOUNTED ON EMERGENCY CIRCUIT
	DOWNLIGHT FIXTURE
	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT
	LIGHT FIXTURE - WALL MOUNTED
	LIGHT FIXTURE - WALL MOUNTED ON EMERGENCY CIRCUIT
	EXIT LIGHT - CEILING MOUNTED ON EMERGENCY CIRCUIT
	EXIT LIGHT - WALL MOUNTED ON EMERGENCY CIRCUIT
LIGHTING CONTROLS & DEVICES	
$	LINE VOLTAGE SINGLE POLE SWITCH
$3	LINE VOLTAGE 3-WAY SWITCH
$4	LINE VOLTAGE 4-WAY SWITCH
$K	LINE VOLTAGE MOMENTARY DPST KEYED SWITCH
$D	LINE VOLTAGE DIMMER SWITCH, SIZE AND TYPE AS REQUIRED
$P	LINE VOLTAGE SWITCH WITH PILOT LIGHT
$T	6-HOUR ROTARY TIMER SWITCH WITH NO HOLD U.N.O.
	PUSH BUTTON EPO SWITCH WITH COVER
$MC	LOW VOLTAGE MOMENTARY CONTACT SWITCH
$R	LOW VOLTAGE DIGITAL KEYPAD
$B	LOW VOLTAGE BUILDING MANAGEMENT (BMCS) LOCAL OVERRIDE SWITCH
	OCCUPANCY SENSOR (AUTO ON / AUTO OFF WITHIN 20-MINUTES)
	VACANCY SENSOR (MANUAL ON / AUTO OFF WITHIN 20-MINUTES)
	PHOTOCELL SENSOR
RF	LIGHTING CONTROL SYSTEM. ('#' DENOTES TYPE - SEE LIGHTING CONTROLS SCHEDULE)
ER	EMERGENCY LOAD CONTROL RELAY. MINIMUM 16A AND 0-10V COMPATIBLE. PROVIDE U.L. 924 U.N.O.
RECEPTACLES AND OUTLETS	
	SIMPLEX RECEPTACLE
	DUPLEX RECEPTACLE
U	DUPLEX RECEPTACLE WITH TWO USB CHARGING PORTS.
	125/250 VOLT, 1 PHASE, 3-WIRE, 20 AMPS UNLESS NOTED OTHERWISE
	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE
U	DOUBLE DUPLEX WITH TWO USB CHARGING PORTS 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
D A	CONCEALED SERVICE MULTI-ACCESS FLOOR BOX WITH DUPLEX RECEPTACLE AND DATA OUTLET. REFER TO TECHNOLOGY SERIES DRAWINGS FOR DATA CABLE QUANTIES.
A	CONCEALED SERVICE MULTI-ACCESS FLOOR BOX WITH DOUBLE DUPLEX RECEPTACLE AND DATA OUTLET. REFER TO TECHNOLOGY SERIES DRAWINGS FOR DATA CABLE QUANTIES.
	JUNCTION BOX
	FLUSH REMOTE GFCI DEVICE (LOCATE IN READILY ACCESSIBLE LOCATION)
MOTOR CONTROLLERS AND EQUIPMENT	
	MOTOR, MAKE FINAL MOTOR CONNECTION
$	MOTOR-RATED SWITCH. 20A UNLESS INDICATED OTHERWISE.
	DISCONNECT SWITCH AS REQUIRED
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH AS REQUIRED
	MOTOR STARTER
	PREWIRED DEVICE, MAKE ELECTRICAL FINAL CONNECTIONS
VFD	VARIABLE FREQUENCY DRIVE MOTOR CONTROLLER FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
HF	HIGH EFFICIENCY HARMONIC FILTER FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
T	LOW VOLTAGE TRANSFORMER, SIZE AND TYPE AS REQUIRED.
	CHIME/BUZZER
ELECTRICAL EQUIPMENT	
	ELECTRICAL PANELBOARD; REFER TO FLOOR PLANS FOR VOLTAGE.
	DRY TYPE TRANSFORMER
	PLYWOOD TELEPHONE BACKBOARD
CIRCUITING	
	CONDUIT
	CONDUIT BELOW FLOOR, SLAB, OR GRADE
	3/4"C, UNLESS OTHERWISE NOTED; LONG HATCH, NEUTRAL; SHORT HATCH, PHASE; LONG HATCH & HOOK, INSULATED GROUND. NO HATCHES INDICATES 2 CONDUCTORS. ARROW INDICATES HOMERUN.
	PARTIAL ELECTRICAL HOME RUN
SUBSCRIPTS AND ABBREVIATIONS	
WP	INDICATES 'WEATHERPROOF'
H	INDICATES 'HORIZONTAL'
NL	INDICATES 'NIGHT LIGHT'.
TP	INDICATES 'TAMPER PROOF'
(KS)	INDICATES 'KNEE SPACE'. LOCATE WIRING DEVICE IN KNEESPACE
U.N.O.	INDICATES 'UNLESS NOTED OTHERWISE'
(E)	INDICATES EXISTING TO REMAIN
(R)	INDICATES REPLACE DEVICE AND COVERPLATE.
•	NEXT TO ANY SYMBOL INDICATES FINAL ROUGH-IN FIELD COORDINATION BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES
GENERAL NOTES:	
-ALL EXTERIOR BUILDING ELECTRICAL EQUIPMENT TO BE WEATHERPROOF NEMA-4X MINIMUM. -ALL EXTERIOR RECEPTACLES SHALL BE WATER RESISTANT TYPE.	

ELECTRICAL GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES AND ELECTRICAL DEVICES.
2. ALL LIGHT FIXTURES IN MECHANICAL AREAS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING EQUIPMENT TO AVOID CONFLICTS. LOCATE LIGHT FIXTURES ON PERIMETER WALLS OF MECHANICAL AREAS WHERE PRACTICAL.
3. ALL EMPTY CONDUIT SHALL HAVE PULL STRING.
4. EACH CONDUIT SHALL BE LIMITED TO (3) CIRCUITS MAXIMUM.
5. VERIFY MOUNTING HEIGHTS OF RECEPTACLES WITH CASEWORK ELEVATIONS PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL DRAWINGS FOR ROOM ELEVATIONS FOR LOCATION AND COORDINATION OF ELECTRICAL OUTLETS. AT KNEESPACE LOCATIONS, LOCATE ELECTRICAL OUTLETS WITHIN KNEESPACE, UNLESS NOTED OTHERWISE. AT COUNTERS WITH OUT KNEESPACE, LOCATE OUTLETS HORIZONTALLY 6" ABOVE BACK SPLASH, UNLESS NOTED OTHERWISE.
6. ALL FIRE ALARM DEVICES, RECEPTACLES, SWITCHES, AND WIRING DEVICES IN MECHANICAL AND ELECTRICAL ROOMS ARE TO BE RECESSED IN WALLS.
7. ALL LIGHTING, RECEPTACLE, AND EQUIPMENT BRANCH CIRCUITS CONDUITS SHALL CONTAIN A GROUND WIRE. USING THE CONDUIT SYSTEM AS THE ONLY GROUND PATH IS NOT ACCEPTABLE.
10. CENTER ALL EXIT SIGNS OVER DOORS.

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BRADLEY KALMANS 80219 LICENSED
01/12/26

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DES CHECKED BY: JZ
REVISIONS:

No.	Date	Description
1	01/12/26	Addendum #1

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E4.01-D
ELECTRICAL SCHEDULES, DETAILS, AND LEGENDS
DULLES HIGH SCHOOL

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Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2550-00810-00

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FIRE DETECTION AND ALARM SYSTEM:

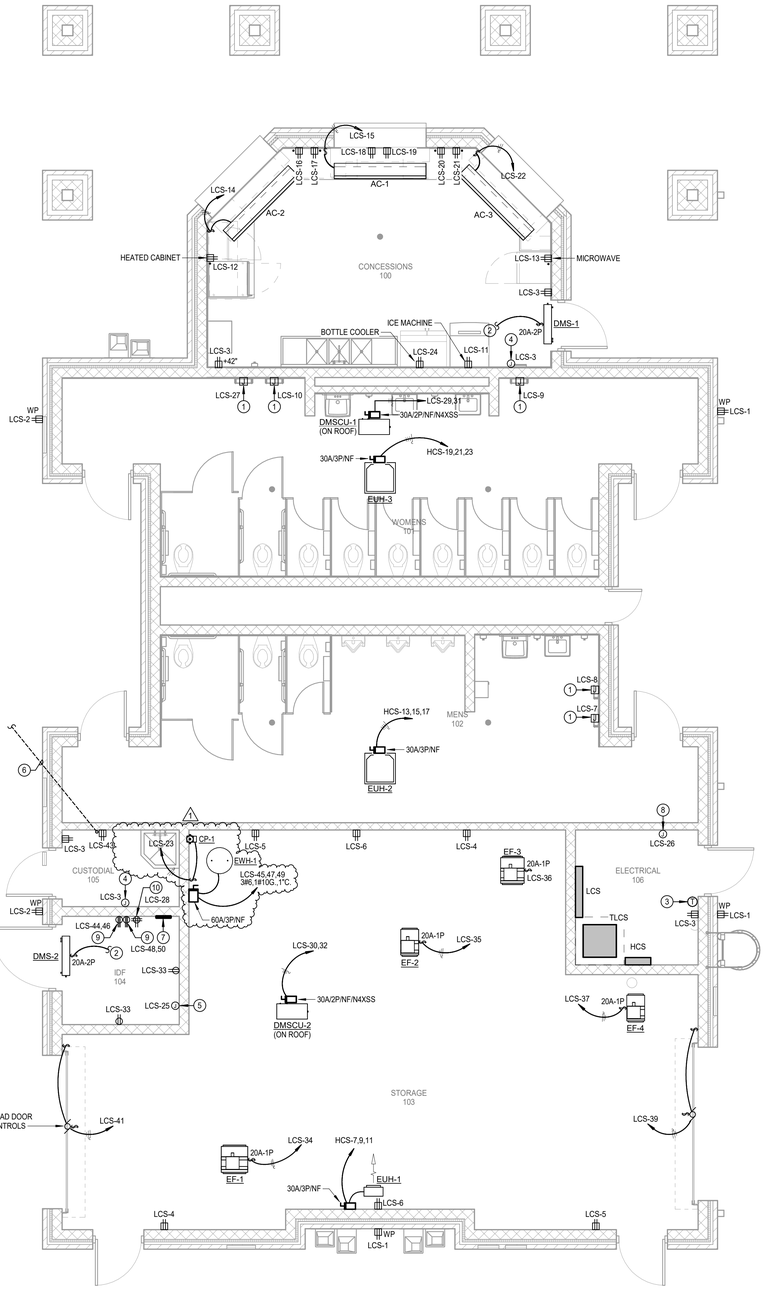
- LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL III, IN THE SUB FIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET) SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, NFPA 72, LOCAL AND STATE CODE REQUIREMENTS. FURNISH AND INSTALL ALL REQUIRED FIRE ALARM DEVICES, AS REQUIRED BY CODE. VERIFY EXACT REQUIREMENTS IN THE FIELD. COORDINATE ALL LOCATIONS WITH DRAWINGS APPROVED BY AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- EXISTING FIRE ALARM SYSTEM SHALL REMAIN FULLY OPERATIONAL THROUGHOUT ALL PHASES OF CONSTRUCTION.
- EXPAND EXISTING FIRE ALARM SYSTEM TO ACCOMMODATE NEW FIRE ALARM DEVICES AND SYSTEM BOOSTER PANELS.

ELECTRICAL GENERAL NOTES:

1. LIGHTING CONTROLS SHALL COMPLY WITH IECC 2015. REFER TO CONTROLS SCHEDULE FOR ALL LIGHTING CONTROLS, SENSORS, AND SWITCHING SCHEMES THROUGHOUT FACILITY.
2. CONTRACTOR SHALL MAINTAIN CONSTANT UNSWITCHED POWER FOR EMERGENCY BATTERY PACKS AND / OR EXIT SIGNS.
3. LOCATE DIGITAL LIGHTING CONTROLLER AND / OR EMERGENCY LOAD CONTROL RELAY ABOVE ACCESSIBLE CEILING 12-FEET AFF OR BELOW ADJACENT TO SWITCH CONTROLLING THE SPACE. IN NON-ACCESSIBLE AND / OR HIGH CEILING AREAS, LOCATE DIGITAL LIGHTING CONTROLLER IN ADJACENT ANCILLARY AREA WITH ACCESSIBLE CEILING. IN AREAS WITH NO CEILING AND / OR IN EXTERIOR APPLICATIONS LOCATE ADJACENT TO PANEL SERVING THE LOAD. PROVIDE PLASTIC TAPE MACHINE TYPED NAME PLATE TO BOTTOM OF CEILING T-GRID BELOW RELAY LOCATION. WHITE LETTERS ON BLACK BACKGROUND WITH 1/4" HIGH LETTERS ON 1/2" TALL LABEL FOR DIGITAL MODULE, INDICATE AS: DLM.
4. 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.
5. SPACES WITH MULTIPLE OCCUPANCY / VACANCY SENSORS OR WHERE LINE OF SIGHT MAY BE OBSCURED, SHALL BE LINKED TOGETHER FOR SIMULTANEOUS OPERATION WITHIN THE SPACE.
6. COORDINATE LOCATION OF LIGHT FIXTURES IN ALL MEPT ROOMS WITH MECHANICAL EQUIPMENT, PIPING, AND ALL OTHER TRADES. SUSPEND OR WALL MOUNT FIXTURES WHERE PRACTICAL.
7. REFER TO TECHNOLOGY SERIES (T-SERIES) DRAWINGS FOR ADDITIONAL WORK REQUIRED BY DIVISION 26.
8. ALL 15 AND 20 AMPERES, 125 AND 250 VOLT NON-LOCKING TYPE RECEPTACLES IN AREA SPECIFIED IN 406.12(1) THROUGH (7) SHALL BE LISTED AS TAMPER-RESISTANT TYPE RECEPTACLES.

ELECTRICAL KEYED NOTES:

1. PROVIDE A JUNCTION BOX FOR CONNECTION OF NEW ELECTRIC HAND DRYER. VERIFY EXACT LOCATION AND MAKE FINAL CONNECTION.
2. ROUTE 2#12,1#12G.,3/4"C. FROM INDOOR DMS MINISPLIT TO ASSOCIATED OUTDOOR DMSCU; INDOOR UNIT IS POWERED BY OUTDOOR UNIT.
3. LINE VOLTAGE THERMOSTAT PROVIDED BY DIVISION 23, INSTALLED BY DIVISION 26. MAKE FINAL CONNECTION TO FAN.
4. PROVIDE A JUNCTION BOX FOR CONNECTION OF ELECTRONIC TRAP PRIMER. VERIFY EXACT LOCATION AND MAKE FINAL CONNECTION.
5. PROVIDE A JUNCTION BOX FOR CONNECTION OF ACCESS CONTROL PANEL. VERIFY EXACT LOCATION AND MAKE FINAL CONNECTION.
6. ROUTE (1)1"C. W/ PULLSTRING TO GREASE TRAP FOR HIGH LEVEL ALARM CABLING. PROVIDE SEALS AT EACH END. REFER TO PLUMBING.
7. PROVIDE GROUNDING BUS BAR. REFER TO GROUNDING SPECIFICATIONS AND TECHNOLOGY DRAWINGS FOR ADDITIONAL SCOPE OF WORK.
8. PROVIDE A JUNCTION BOX FOR CONNECTION OF FIRE ALARM BOOSTER PANEL. VERIFY EXACT LOCATION AND MAKE FINAL CONNECTION.
9. PROVIDE NEMA L6-30R RECEPTACLE LOCATED BEHIND DATA RACK. COORDINATE EXACT MOUNTING LOCATION WITH OWNER.
10. PROVIDE NEMA 5-20R DOUBLE DUPLEX RECEPTACLE LOCATED BEHIND DATA RACK. COORDINATE EXACT MOUNTING LOCATION WITH OWNER.



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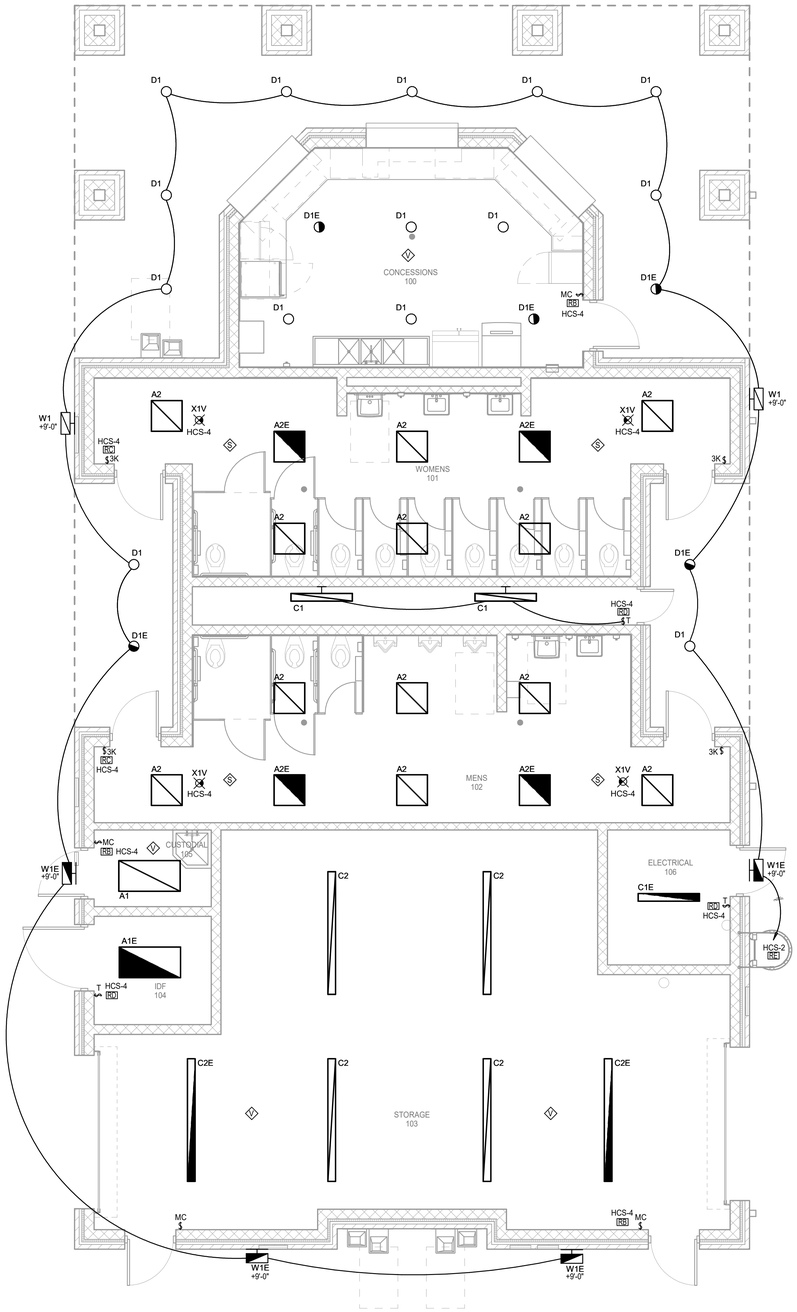
2 ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - CONCESSION
Scale: 1/4" = 1'-0"



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1 ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 1 - CONCESSION
Scale: 1/4" = 1'-0"

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ENGINEER
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DRAWN BY: DES CHECKED BY: JZ
REVISIONS:

Δ	Date	Description
1	01/12/26	Addendum #1

100% CD
E3.03-H
ELECTRICAL FLOOR PLANS - LEVEL 1 - CONCESSIONS
HIGHTOWER HIGH SCHOOL

1/12/2026 12:44:49 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Ath\HIGHTOWER_MEPT_R25.rvt

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FIRE DETECTION AND ALARM SYSTEM:

- LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL III, IN THE SUB FIELD 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, NFPA 72, LOCAL AND STATE CODE REQUIREMENTS. FURNISH AND INSTALL ALL REQUIRED FIRE ALARM DEVICES, AS REQUIRED BY CODE. VERIFY EXACT REQUIREMENTS IN THE FIELD. COORDINATE ALL LOCATIONS WITH DRAWINGS APPROVED BY AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- EXISTING FIRE ALARM SYSTEM SHALL REMAIN FULLY OPERATIONAL THROUGHOUT ALL PHASES OF CONSTRUCTION.
- EXPAND EXISTING FIRE ALARM SYSTEM TO ACCOMMODATE NEW FIRE ALARM DEVICES AND SYSTEM BOOSTER PANELS.

ELECTRICAL GENERAL NOTES:

1. LIGHTING CONTROLS SHALL COMPLY WITH IECC 2015. REFER TO CONTROLS SCHEDULE FOR ALL LIGHTING CONTROLS, SENSORS, AND SWITCHING SCHEMES THROUGHOUT FACILITY.
2. CONTRACTOR SHALL MAINTAIN CONSTANT UNSWITCHED POWER FOR EMERGENCY BATTERY PACKS AND / OR EXIT SIGNS.
3. LOCATE DIGITAL LIGHTING CONTROLLER AND / OR EMERGENCY LOAD CONTROL RELAY ABOVE ACCESSIBLE CEILING 12-FEET AFF OR BELOW ADJACENT TO SWITCH CONTROLLING THE SPACE. IN NON-ACCESSIBLE AND / OR HIGH CEILING AREAS, LOCATE DIGITAL LIGHTING CONTROLLER IN ADJACENT ANCILLARY AREA WITH ACCESSIBLE CEILING. IN AREAS WITH NO CEILING AND / OR IN EXTERIOR APPLICATIONS LOCATE ADJACENT TO PANEL SERVING THE LOAD. PROVIDE PLASTIC TAPE MACHINE TYPED NAME PLATE TO BOTTOM OF CEILING T-GRID BELOW RELAY LOCATION. WHITE LETTERS ON BLACK BACKGROUND WITH 1/4" HIGH LETTERS ON 1/2" TALL LABEL FOR DIGITAL MODULE. INDICATE AS: DLM.
4. 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.
5. SPACES WITH MULTIPLE OCCUPANCY / VACANCY SENSORS OR WHERE LINE OF SIGHT MAY BE OBSCURED, SHALL BE LINKED TOGETHER FOR SIMULTANEOUS OPERATION WITHIN THE SPACE.
6. COORDINATE LOCATION OF LIGHT FIXTURES IN ALL MEPT ROOMS WITH MECHANICAL EQUIPMENT, PIPING, AND ALL OTHER TRADES. SUSPEND OR WALL MOUNT FIXTURES WHERE PRACTICAL.
7. REFER TO TECHNOLOGY SERIES (T-SERIES) DRAWINGS FOR ADDITIONAL WORK REQUIRED BY DIVISION 26.
8. ALL 15 AND 20 AMPERES, 125 AND 250 VOLT NON-LOCKING TYPE RECEPTACLES IN AREA SPECIFIED IN 406.12(1) THROUGH (7) SHALL BE LISTED AS TAMPER-RESISTANT TYPE RECEPTACLES.

ELECTRICAL KEYED NOTES:

1. PROVIDE A JUNCTION BOX FOR CONNECTION OF NEW ELECTRIC HAND DRYER. VERIFY EXACT LOCATION AND MAKE FINAL CONNECTION.
2. ROUTE 2#12,1#12G..3/4"C. FROM INDOOR DMS MINISPLIT TO ASSOCIATED OUTDOOR DMSCU; INDOOR UNIT IS POWERED BY OUTDOOR UNIT.
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5. PROVIDE A JUNCTION BOX FOR CONNECTION OF ACCESS CONTROL PANEL. VERIFY EXACT LOCATION AND MAKE FINAL CONNECTION.
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7. PROVIDE GROUNDING BUS BAR. REFER TO GROUNDING SPECIFICATIONS AND TECHNOLOGY DRAWINGS FOR ADDITIONAL SCOPE OF WORK.
8. PROVIDE A JUNCTION BOX FOR CONNECTION OF FIRE ALARM BOOSTER PANEL. VERIFY EXACT LOCATION AND MAKE FINAL CONNECTION.
9. PROVIDE NEMA L6-30R RECEPTACLE LOCATED BEHIND DATA RACK. COORDINATE EXACT MOUNTING LOCATION WITH OWNER.
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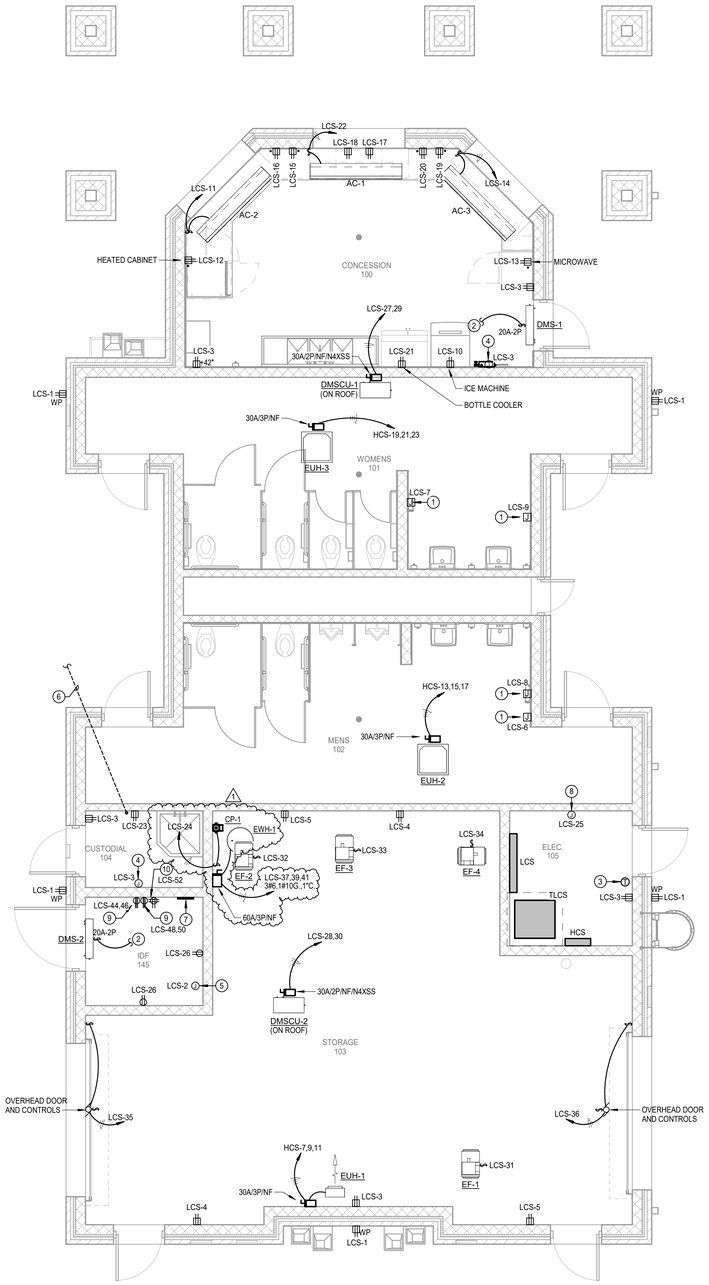

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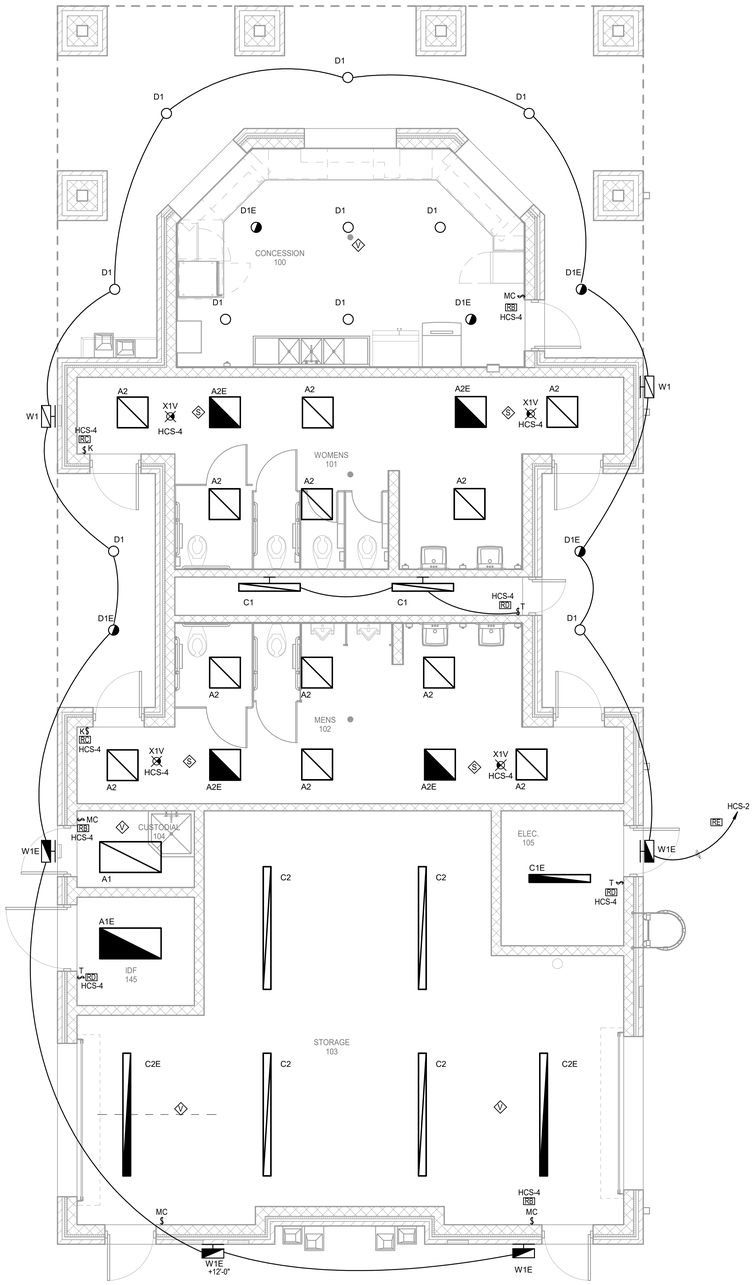
2 ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - CONCESSIONS

Scale: 1/4" = 1'-0"



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1 ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 1 - CONCESSIONS

Scale: 1/4" = 1'-0"

pfluger
office: 713.222.1141 | fax: 713.222.1174
2 Greenway Plaza, Suite 460
Houston, Texas 77046
pflugerarchitects.com

BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

14777 Voss Rd, Sugar Land, TX 77498
KEMPNER HIGH SCHOOL

FBISD INSPIRE • EQUIP • IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

BRADLEY KALMANS — 80219 — LICENSED — STATE OF TEXAS — ENGINEER
01/12/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: JZ CHECKED BY: DES
REVISIONS:

No.	Date	Description
1	01/12/26	Addendum #1

100% CD

E3.04-K

ELECTRICAL FLOOR PLANS - LEVEL 1 - CONCESSIONS

KEMPNER HIGH SCHOOL

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2550-00810-00

1/12/2026 1:42:54 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Athl/KEMPNER_MEPT_R25.rvt

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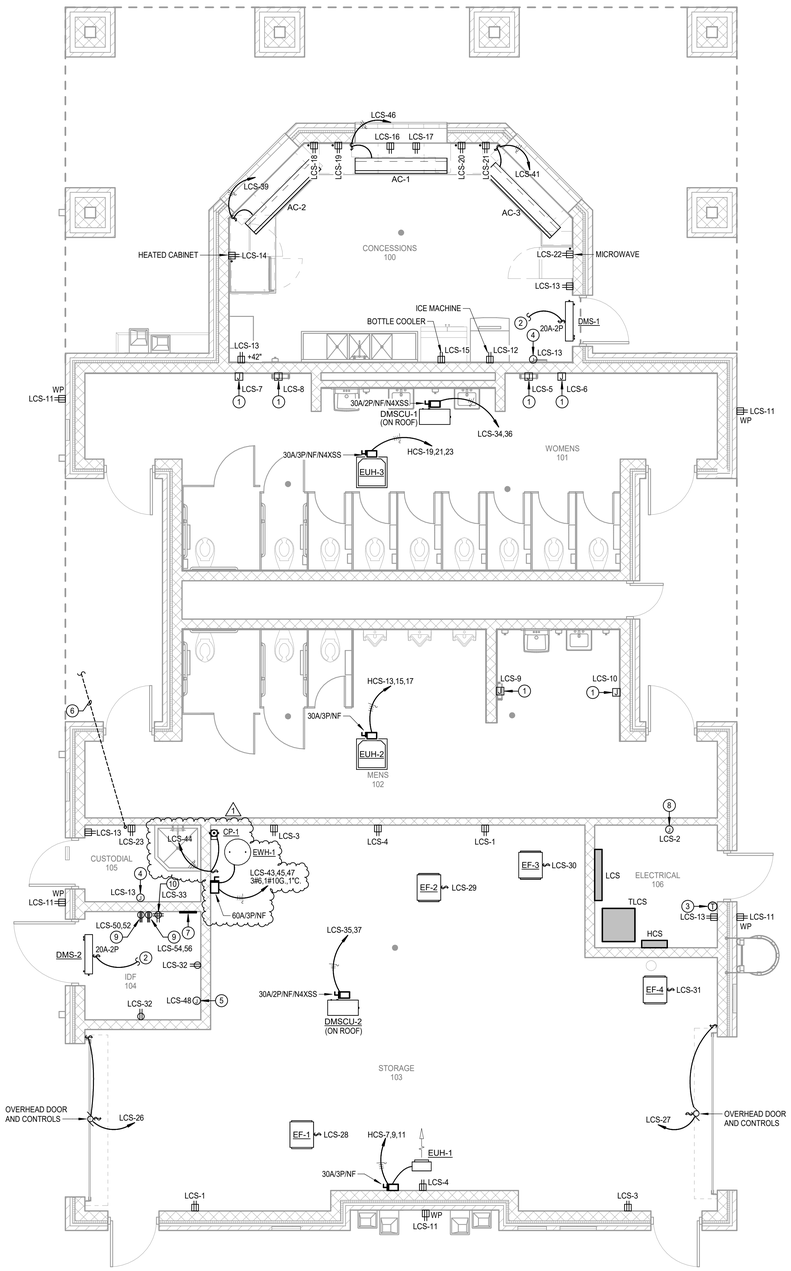

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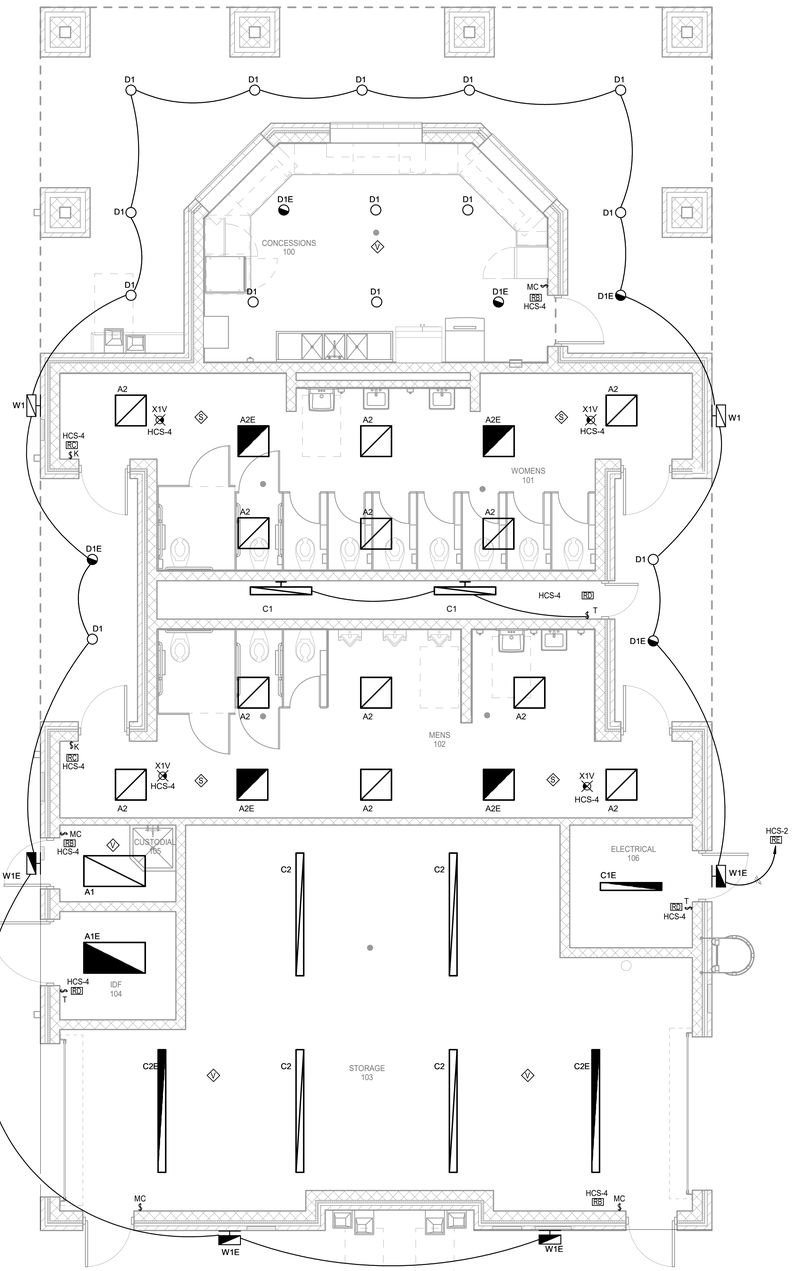
2 ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - CONCESSIONS

Scale: 1/4" = 1'-0"



N

1 ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 1 - CONCESSIONS

Scale: 1/4" = 1'-0"

pfluger
office: 713.222.1141 | fax: 713.222.1174
2 Greenway Plaza, Suite 460
Houston, Texas 77046
pflugerarchitects.com

BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

1220 Buffalo Run, Missouri City, TX 77489

THURGOOD MARSHALL HIGH SCHOOL

FBISD INSPIRE•EQUIP•IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
01/12/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DES CHECKED BY: JZ
REVISIONS:

No.	Date	Description
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Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2550-00810-00

100% CD

E3.03-M

ELECTRICAL FLOOR PLAN - LEVEL 1 - CONCESSIONS

MARSHALL HIGH SCHOOL

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Branch Panel: LS

Location: STORAGE 100 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 50A MCB

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	Receptacles	#12	20 1	0.5 / 0.1			1	20 #12	Lighting	2	
	3	Exterior Lighting	#12	20 1		0.1 / 0.2		1	20 #12	Receptacles	4	
	5	Overhead Door	#12	20 1			0.5 / 0.0	1	20 --	SPARE	6	--
	7	EF-1	#12	20 1	0.2 / 0.0			1	20 --	SPARE	8	--
--	9	SPACE	--	-- 1		0.0 / 0.0		1	20 --	SPARE	10	--
--	11	SPACE	--	-- 1			0.0 / 0.0	1	20 --	SPARE	12	--
--	13	SPACE	--	-- 1	0.0 / 0.0			1	20 --	SPARE	14	--
--	15	SPACE	--	-- 1		0.0 / 0.0		1	20 --	SPARE	16	--
--	17	SPACE	--	-- 1			0.0 / 0.0	1	20 --	SPARE	18	--
--	19	SPACE	--	-- 1	0.0 / 0.0						20	
--	21	SPACE	--	-- 1		0.0 / 0.0		3	30 --	SPDL	22	--
--	23	SPACE	--	-- 1			0.0 / 0.0				24	
			Total Load:		0.7 kVA	0.3 kVA	0.5 kVA					
			Total Amps:		6 A	2 A	4 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	0.2 kVA	100.00%	0.2 kVA		
Lighting	0.2 kVA	125.00%	0.2 kVA	**Total Conn. Load:**	1.5 kVA
Miscellaneous	0.6 kVA	100.00%	0.6 kVA	**Total Est. Demand:**	1.6 kVA
Receptacles	0.5 kVA	100.00%	0.5 kVA	**Total Conn. Current:**	4 A
				Total Est. Demand Current:	4 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE
M - PROVIDE METERING DEVICE

LIGHTING CONTROLS SCHEDULE

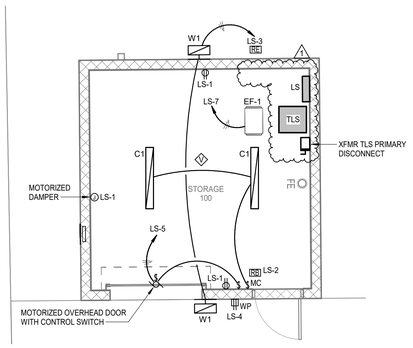
Type	Sensor Operation	# of Lighting Zones	Description
RB	VACANCY - MANUAL ON / AUTO OFF	1	ON/OFF MOMENTARY CONTACT SWITCH, NO DIMMING.
RE	NONE	1	CONTACTOR CONTROLLED WITH PHOTOCELL ON / TIMECLOCK OFF. EXTERIOR LIGHTING SHALL BE TURNED OFF FROM 12:00 AM TO 6:00 AM OR FROM 1 HOUR AFTER CLOSING TO 1 HOUR BEFORE OPENING.

LIGHTING FIXTURE SCHEDULE

Type Mark	CATALOG NUMBER MANUFACTURER	MODEL	MOUNTING	LAMP TYPE	CCT	CRI	VOLTAGE	LOAD	REMARKS
C1	METALUX	4SNX-51SL-LW-UNV-L840-CD1-U + AYC/CHAIN-SET-U	SURFACE / PENDANT	5100L LED	4000 K	80	120 V	32 W	4-FOOT LINEAR STRIP, ROUND FROSTED OPAQUE LENS, 0-10V DIMMING, WIRE GUARD, DLC LISTED.
W1	McGRAW EDISON	IST-SA1E-740-U-T4FT-BZ-LCF	WALL	7099L LED	4000 K	70	120 V	58 W	ARCHITECTURAL WALL SCONCE, FORWARD THROW DISTRIBUTION, BRONZE FINISH.

APPROVED LIGHTING MANUFACTURERS:
- LED / FLUORESCENT: LITHONIA, COLUMBIA, METALUX, AXIS, DAYBRITE, HE WILLIAMS, LSI, CREE
- EXIT SIGNS: LITHONIA, CHLORIDE, EMERGI-LITE, DUAL-LITE, SURE LITES, H.E. WILLIAMS
- ARCHITECTURAL HIGH PERFORMANCE FLOOD LIGHTS: WIDE-LITE, HADCO, KIM, McGRAW EDISON, GARDCO, LSI
- INDUSTRIAL: METALUX, LITHONIA, EXCELINE, G.E., HUBBELL, LUMARK, STONCO
- DOWNTRACK LIGHTING: LIGHTOLIER, LITHONIA-GOTHAM, HALO ARCHITECTURAL, PRESCOLITE, HE WILLIAMS, INDY
- SECURITY (WALLPACKS): LITHONIA, McGRAW EDISON, G.E., LSI, HUBBELL, STONCO, GARDCO
- ARCHITECTURAL LINEAR: PEERLESS, LITECONTROL, ALERA, LAM, AMERICAN LINEAR LIGHTING, LEDALITE
- ARCHITECTURAL INDIRECT: INSIGHT, ORIGINAL CAST LIGHTING, SPI, LAM

- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT INDICATED IN THE LIGHT FIXTURE SCHEDULE. WHERE THERE IS AN INCONSISTENCY BETWEEN THE LIGHT SCHEDULE AND THE SPECIFICATIONS, THE BETTER QUALITY OF WORK SHALL BE INCLUDED IN THE PROPOSAL.
- THE ABOVE LISTING MANUFACTURERS LIST DOES NOT IMPLY APPROVAL. APPROVAL WILL BE DETERMINED AFTER REVIEW OF SHOP DRAWING TO DETERMINE IF THE FIXTURE OR POLE SUBMITTED MEETS OR EXCEEDS THE DESIGN STANDARDS AND PERFORMANCE REQUIRED OF THE FIXTURE SPECIFIED IN THE LIGHT FIXTURE SCHEDULE OR SPECIFICATIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE THE SPECIFIED LIGHT FIXTURE IF A SUBSTITUTION IS NOT APPROVED WITHOUT ANY ADDITIONAL COST TO THE OWNER. WHERE SPECIFIC OPTIONS/ACCESORIES ARE SPECIFIED OR REQUIRED, THEY SHALL BE PROVIDED WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- DUE TO THE WIDE RANGE OF FIXTURE QUALITIES OFFERED BY EACH MANUFACTURER, THE APPROVED LIGHTING MANUFACTURERS SUBSTITUTION LIST IS NOT INTENDED TO INDICATE THAT ANY OR ALL MANUFACTURERS LISTED WILL HAVE SUITABLE SUBSTITUTIONS FOR THE LIGHT FIXTURES OR POLES SPECIFIED IN THE LIGHT FIXTURE SCHEDULE. SHOP DRAWING AND CONSTRUCTION DELAYS AS A RESULT OF INAPPROPRIATE SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL NOT RESULT IN ANY ADDITIONAL COST TO THE OWNER.



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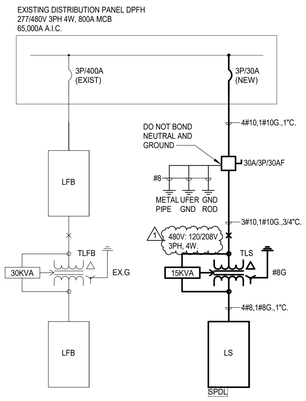
9 ELECTRICAL FLOOR PLAN - LEVEL 1 -TENNIS COURT STORAGE
Scale: 1/4" = 1'-0"

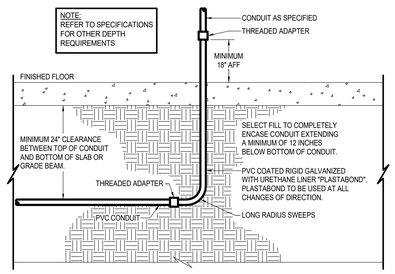
ELECTRICAL LOAD ANALYSIS
277/480V. 3PH., 4W

LOAD DESCRIPTION:	KVA
PEAK KVA @ 125%	1551.3
LOAD REMOVED @100%	-161.3
NEW LIGHTING LOAD @ 125%	69.3
NEW RECEPTACLE LOAD @ 100%	0.5
NEW MISCELLANEOUS LOAD @ 100%	0.8
TOTAL:	1460.6

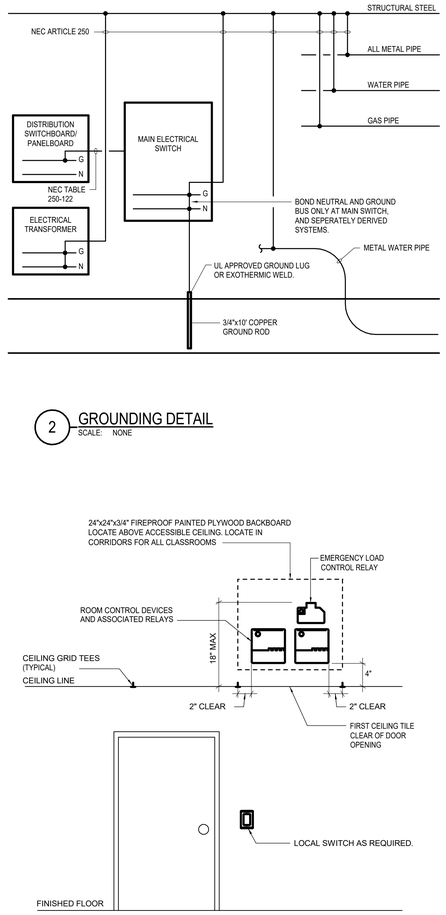
TOTAL / (480 X √3) = 1757.6 (EXISTING 4000-AMP SERVICE)



6 PARTIAL ONE-LINE DIAGRAM
SCALE: NONE

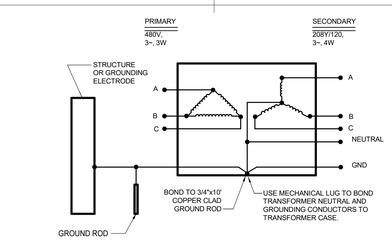


5 CONDUIT BELOW BUILDING SLAB
SCALE: NONE

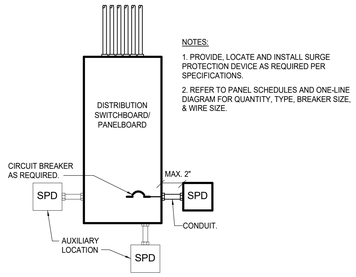


2 GROUNDING DETAIL
SCALE: NONE

1 TYPICAL LIGHTING CONTROLS ELEVATION
SCALE: NONE



4 TRANSFORMER GROUNDING DETAIL
SCALE: NONE



3 SURGE PROTECTION DETAIL
SCALE: NONE

SYMBOL SCHEDULE

SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)	
	LIGHT FIXTURE - RECESSED OR SURFACE MOUNTED
	LIGHT FIXTURE - RECESSED OR SURFACE MOUNTED ON EMERGENCY CIRCUIT
	DOWNLIGHT FIXTURE
	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT
	LIGHT FIXTURE - WALL MOUNTED
	LIGHT FIXTURE - WALL MOUNTED ON EMERGENCY CIRCUIT
	EXIT LIGHT - CEILING MOUNTED ON EMERGENCY CIRCUIT
	EXIT LIGHT - WALL MOUNTED ON EMERGENCY CIRCUIT
LIGHTING CONTROLS & DEVICES	
$	LINE VOLTAGE SINGLE POLE SWITCH
$3	LINE VOLTAGE 3-WAY SWITCH
$4	LINE VOLTAGE 4-WAY SWITCH
$K	LINE VOLTAGE MOMENTARY DPST KEYED SWITCH
$D	LINE VOLTAGE DIMMER SWITCH, SIZE AND TYPE AS REQUIRED
$P	LINE VOLTAGE SWITCH WITH PILOT LIGHT
$T	6-HOUR ROTARY TIMER SWITCH WITH NO HOLD U.N.O.
	PUSH BUTTON EPO SWITCH WITH COVER
$MC	LOW VOLTAGE MOMENTARY CONTACT SWITCH
$R	LOW VOLTAGE DIGITAL KEYPAD
$B	LOW VOLTAGE BUILDING MANAGEMENT (BMCS) LOCAL OVERRIDE SWITCH
	OCCUPANCY SENSOR (AUTO ON / AUTO OFF WITHIN 20-MINUTES)
	VACANCY SENSOR (MANUAL ON / AUTO OFF WITHIN 20-MINUTES)
	PHOTOCELL SENSOR
RF	LIGHTING CONTROL SYSTEM. ('F' DENOTES TYPE - SEE LIGHTING CONTROLS SCHEDULE)
ER	EMERGENCY LOAD CONTROL RELAY. MINIMUM 16A AND 0-10V COMPATIBLE. PROVIDE U.L. 924 U.N.O.
RECEPTACLES AND OUTLETS	
	SIMPLEX RECEPTACLE
	DUPLEX RECEPTACLE
U	DUPLEX RECEPTACLE WITH TWO USB CHARGING PORTS.
	125/250 VOLT, 1 PHASE, 3-WIRE, 20 AMPS UNLESS NOTED OTHERWISE
	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE
U	DOUBLE DUPLEX WITH TWO USB CHARGING PORTS 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 DUPLEX RECEPTACLE AND DATA OUTLET. REFER TO TECHNOLOGY SERIES DRAWINGS FOR DATA CABLE QUANTIES.
	CONCEALED SERVICE MULTI-ACCESS FLOOR BOX WITH DOUBLE DUPLEX RECEPTACLE AND DATA OUTLET. REFER TO TECHNOLOGY SERIES DRAWINGS FOR DATA CABLE QUANTIES.
	JUNCTION BOX
	FLUSH REMOTE GFCI DEVICE (LOCATE IN READILY ACCESSIBLE LOCATION)
MOTOR CONTROLLERS AND EQUIPMENT	
	MOTOR, MAKE FINAL MOTOR CONNECTION
$	MOTOR-RATED SWITCH. 20A UNLESS INDICATED OTHERWISE.
J	DISCONNECT SWITCH AS REQUIRED
J	COMBINATION MOTOR STARTER/DISCONNECT SWITCH AS REQUIRED
	MOTOR STARTER
	PREWIRED DEVICE, MAKE ELECTRICAL FINAL CONNECTIONS
VFD	VARIABLE FREQUENCY DRIVE MOTOR CONTROLLER FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
HF	HIGH EFFICIENCY HARMONIC FILTER FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
T	LOW VOLTAGE TRANSFORMER, SIZE AND TYPE AS REQUIRED.
Y	CHIME/BUZZER
ELECTRICAL EQUIPMENT	
	ELECTRICAL PANELBOARD; REFER TO FLOOR PLANS FOR VOLTAGE.
	DRY TYPE TRANSFORMER
	PLYWOOD TELEPHONE BACKBOARD
CIRCUITING	
	CONDUIT
	CONDUIT BELOW FLOOR, SLAB, OR GRADE
	3/4"C. UNLESS OTHERWISE NOTED; LONG HATCH, NEUTRAL; SHORT HATCH, PHASE; LONG HATCH & HOOK, INSULATED GROUND. NO HATCHES INDICATES 2 CONDUCTORS. ARROW INDICATES HOMERUN.
	PARTIAL ELECTRICAL HOME RUN
SUBSCRIPTS AND ABBREVIATIONS	
WP	INDICATES 'WEATHERPROOF'
H	INDICATES 'HORIZONTAL'
NL	INDICATES 'NIGHT LIGHT'.
TP	INDICATES 'TAMPER PROOF'
(KS)	INDICATES 'KNEE SPACE'. LOCATE WIRING DEVICE IN KNEESPACE
U.N.O.	INDICATES 'UNLESS NOTED OTHERWISE'
(E)	INDICATES EXISTING TO REMAIN
(R)	INDICATES REPLACE DEVICE AND COVERPLATE.
•	NEXT TO ANY SYMBOL INDICATES FINAL ROUGH-IN FIELD COORDINATION BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES
GENERAL NOTES:	
-ALL EXTERIOR BUILDING ELECTRICAL EQUIPMENT TO BE WEATHERPROOF NEMA-4X MINIMUM. -ALL EXTERIOR RECEPTACLES SHALL BE WATER RESISTANT TYPE.	

ELECTRICAL GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES AND ELECTRICAL DEVICES.
2. ALL LIGHT FIXTURES IN MECHANICAL AREAS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING EQUIPMENT TO AVOID CONFLICTS. LOCATE LIGHT FIXTURES ON PERIMETER WALLS OF MECHANICAL AREAS WHERE PRACTICAL.
3. ALL EMPTY CONDUIT SHALL HAVE PULL STRING.
4. EACH CONDUIT SHALL BE LIMITED TO (3) CIRCUITS MAXIMUM.
5. VERIFY MOUNTING HEIGHTS OF RECEPTACLES WITH CASEWORK ELEVATIONS PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL DRAWINGS FOR ROOM ELEVATIONS FOR LOCATION AND COORDINATION OF ELECTRICAL OUTLETS. AT KNEESPACE LOCATIONS, LOCATE ELECTRICAL OUTLETS WITHIN KNEESPACE, UNLESS NOTED OTHERWISE. AT COUNTERS WITH OUT KNEESPACE, LOCATE OUTLETS HORIZONTALLY 6" ABOVE BACK SPLASH, UNLESS NOTED OTHERWISE.
6. ALL FIRE ALARM DEVICES, RECEPTACLES, SWITCHES, AND WIRING DEVICES IN MECHANICAL AND ELECTRICAL ROOMS ARE TO BE RECESSED IN WALLS.
7. ALL LIGHTING, RECEPTACLE, AND EQUIPMENT BRANCH CIRCUITS CONDUITS SHALL CONTAIN A GROUND WIRE. USING THE CONDUIT SYSTEM AS THE ONLY GROUND PATH IS NOT ACCEPTABLE.
10. CENTER ALL EXIT SIGNS OVER DOORS.

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

500 Waters Lk Blvd, Missouri City, TX 77459
RIDGEPOINT HIGH SCHOOL

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16431 Lexington Blvd.
Sugarland, TX 77479

PROJECT NO. 26-006
DATE: 12/04/2025
DRAWN BY: DES CHECKED BY: JZ
REVISIONS:

No.	Date	Description
1	01/12/26	Addendum #1

100% CD

E2.01-R

ELECTRICAL SCHEDULES, DETAILS, AND LEGENDS

RIDGEPOINT HIGH SCHOOL

Salas O'Brien
Houston
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Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2550-00810-00

1/12/2026 2:11:15 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Athl/RIDGEPOINT_MEPT_R25.rvt

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FIRE DETECTION AND ALARM SYSTEM:

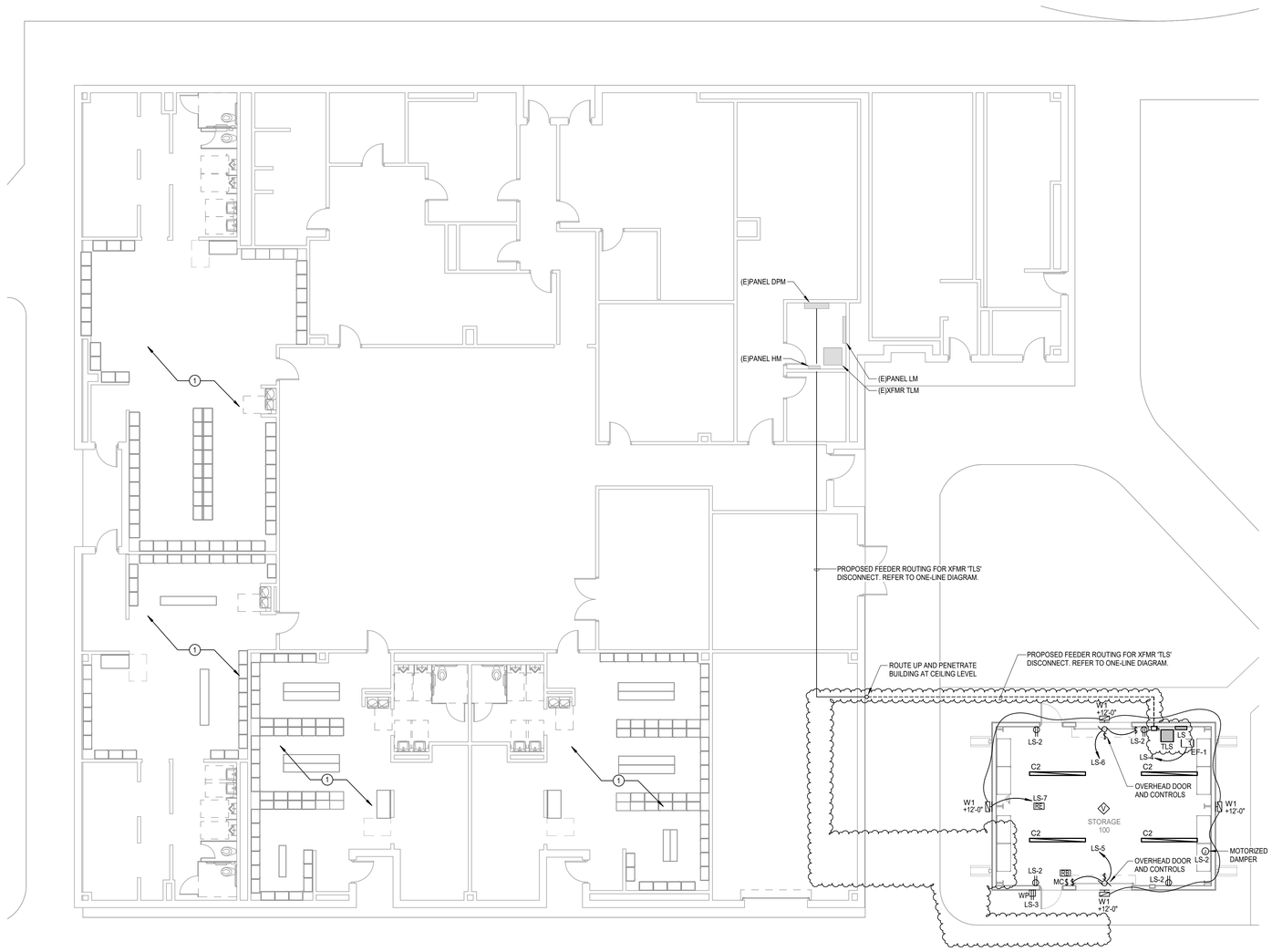
- LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL III, IN THE SUB FIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET) SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, NFPA 72, LOCAL AND STATE CODE REQUIREMENTS. FURNISH AND INSTALL ALL REQUIRED FIRE ALARM DEVICES, AS REQUIRED BY CODE. VERIFY EXACT REQUIREMENTS IN THE FIELD. COORDINATE ALL LOCATIONS WITH DRAWINGS APPROVED BY AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- EXISTING FIRE ALARM SYSTEM SHALL REMAIN FULLY OPERATIONAL THROUGHOUT ALL PHASES OF CONSTRUCTION.
- EXPAND EXISTING FIRE ALARM SYSTEM TO ACCOMMODATE NEW FIRE ALARM DEVICES AND SYSTEM BOOSTER PANELS.

ELECTRICAL KEYED NOTES:

1. SUSPEND OR REMOVE AND STORE ALL CEILING MOUNTED ELECTRICAL DEVICES TO FACILITATE DEMOLITION OF CEILING. AFTER CEILING HAS BEEN REPLACED, REINSTALL ALL EXISTING CEILING MOUNTED ELECTRICAL IN NEW CEILINGS WHERE APPLICABLE. DEVICES INCLUDE BUT ARE NOT LIMITED TO: EXIT SIGNS, FIRE ALARM DEVICES, LIGHTING CONTROLS/OCCUPANCY SENSORS, ETC. REFER TO ARCHITECTURAL PLANS FOR AREAS THAT THE CEILING IS BEING REMOVED/REPLACED.

ELECTRICAL GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, CONTACTORS, DISCONNECTS, ETC., SHALL REMAIN.
2. REFER TO TECHNOLOGY SERIES (T-SERIES) DRAWINGS FOR ADDITIONAL WORK REQUIRED BY DIVISION 26.
3. ALL 15 AND 20 AMPERES, 125 AND 250 VOLT NON-LOCKING TYPE RECEPTACLES IN AREA SPECIFIED IN 406.12(1) THROUGH (7) SHALL BE LISTED AS TAMPER-RESISTANT TYPE RECEPTACLES.
4. LIGHTING CONTROLS WHERE PROVIDED SHALL COMPLY WITH IECC 2015. REFER TO CONTROLS SCHEDULE FOR ALL LIGHTING CONTROLS, SENSORS, AND SWITCHING SCHEMES THROUGHOUT FACILITY.
5. LOCATE DIGITAL LIGHTING CONTROLLER AND / OR EMERGENCY LOAD CONTROL RELAY ABOVE ACCESSIBLE CEILING 12-FEET AFF OR BELOW ADJACENT TO SWITCH CONTROLLING THE SPACE. IN NON-ACCESSIBLE AND / OR HIGH CEILING AREAS, LOCATE DIGITAL LIGHTING CONTROLLER IN ADJACENT ANCILLARY AREA WITH ACCESSIBLE CEILING. IN AREAS WITH NO CEILING AND / OR IN EXTERIOR APPLICATIONS LOCATE ADJACENT TO PANEL SERVING THE LOAD. PROVIDE PLASTIC TAPE MACHINE TYPED NAME PLATE TO BOTTOM OF CEILING T-GRID BELOW RELAY LOCATION. WHITE LETTERS ON BLACK BACKGROUND WITH 1/4" HIGH LETTERS ON 1/2" TALL LABEL FOR DIGITAL MODULE, INDICATE AS: DLM.
6. 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.
7. COORDINATE LOCATION OF LIGHT FIXTURES IN ALL MEPT ROOMS WITH MECHANICAL EQUIPMENT, PIPING, AND ALL OTHER TRADES. SUSPEND OR WALL MOUNT FIXTURES WHERE PRACTICAL.
8. CONTRACTOR SHALL PROVIDE CONSTANT UNSWITCHED POWER FOR BATTERY PACKS AND / OR EXIT SIGNAGE.



N

1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - STORAGE & FIELDHOUSE**
Scale: 1/8" = 1'-0"

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STATE OF TEXAS
60210
LICENSED
01/12/2026

PROJECT NO.	25-006
DATE:	12/04/2025
DRAWN BY: DES	CHECKED BY: JZ

REVISIONS:

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Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2550-00810-00

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E1.01-T

ELECTRICAL FLOOR PLAN - FIELDHOUSE & STORAGE

TRAVIS HIGH SCHOOL

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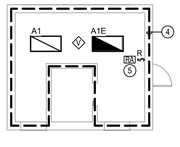
ELECTRICAL KEYED NOTES:

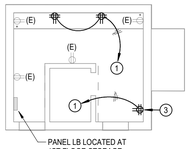
1. ROUTE 2#12, 1#12G., 3/4"C. TO NEW 20A/1P CIRCUIT BREAKER IN EXISTING PRESSBOX PANEL LOCATED IN STORAGE ROOM 1ST FLOOR.
2. ROUTE 2#12, 1#12G., 3/4"C. TO NEW 20A/1P CIRCUIT BREAKER IN EXISTING FIELDHOUSE PANEL LFH.
3. DEDICATED DOUBLE DUPLEX RECEPTACLE FOR CONNECTION OF WALL MOUNTED DATA RACK. VERIFY EXACT LOCATION WITH DIVISION 27.
4. DISCONNECT AND REMOVE EXISTING RECESSED LIGHTING FIXTURES, LIGHTING CONTROLS, AND ASSOCIATED CONDUIT/WIRE BACK TO NEAREST ACTIVE JUNCTION BOX ABOVE CEILING. ALL EXISTING LIGHTING BRANCH CIRCUITS SHALL REMAIN AND BE RE-USED. EXISTING OUTLET BOX SHALL REMAIN AND SHALL BE RE-USED AS PRACTICAL FOR NEW WIRING DEVICE.
5. CONNECT TO EXISTING CIRCUIT PRESERVED DURING DEMOLITION. EXTEND CONDUIT/WIRE AND MAKE FINAL CONNECTION.

ELECTRICAL GENERAL NOTES:

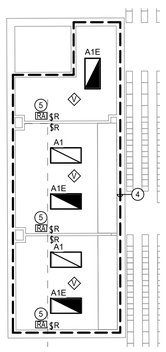
1. UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, CONTACTORS, DISCONNECTS, ETC... SHALL REMAIN.
2. REFER TO TECHNOLOGY SERIES (T-SERIES) DRAWINGS FOR ADDITIONAL WORK REQUIRED BY DIVISION 26.
3. ALL 15 AND 20 AMPERES, 125 AND 250 VOLT NON-LOCKING TYPE RECEPTACLES IN AREA SPECIFIED IN 406.12(1) THROUGH (7) SHALL BE LISTED AS TAMPER-RESISTANT TYPE RECEPTACLES.



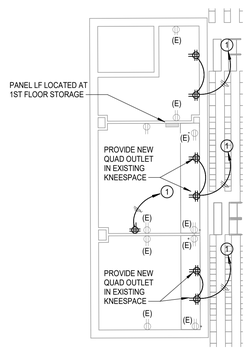
ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 2 - BASEBALL PRESSBOX
7 Scale: 1/8" = 1'-0"



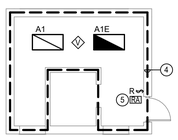
ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - BASEBALL PRESSBOX
4 Scale: 1/8" = 1'-0"



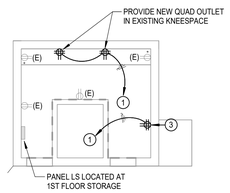
ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 2 - FOOTBALL PRESSBOX
6 Scale: 1/8" = 1'-0"



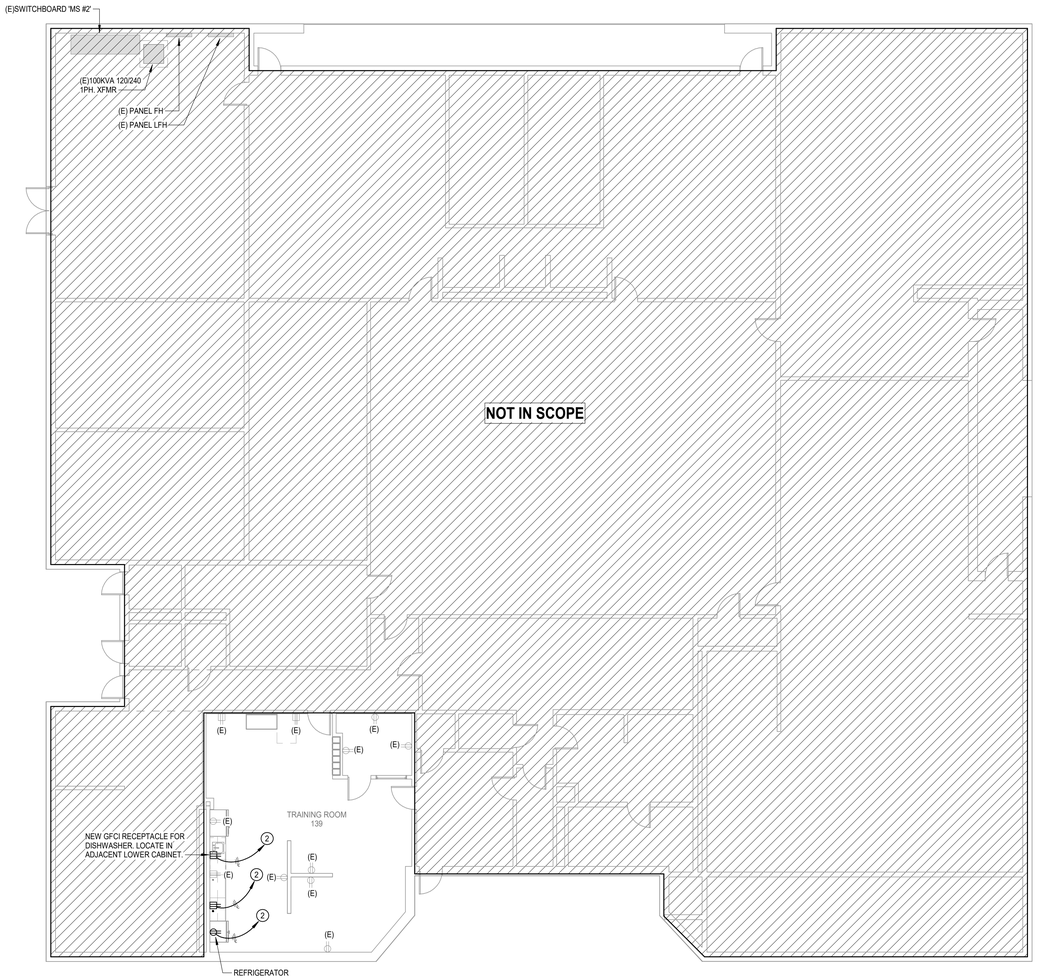
ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - FOOTBALL PRESSBOX
3 Scale: 1/8" = 1'-0"



ELECTRICAL LIGHTING FLOOR PLAN - LEVEL 2 - SOFTBALL PRESSBOX
5 Scale: 1/8" = 1'-0"



ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - SOFTBALL PRESSBOX
2 Scale: 1/8" = 1'-0"



ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - FIELD HOUSE
1 Scale: 1/8" = 1'-0"

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80219
LICENSED
01/12/2026

PROJECT NO.	25-006
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DRAWN BY: DES	CHECKED BY: JZ

REVISIONS:

No.	Date	Description
1	01/12/26	Addendum #1

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E1.01-W
ELECTRICAL FLOOR PLANS - LEVEL 1

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SYMBOL SCHEDULE

SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)	
	LIGHT FIXTURE - RECESSED OR SURFACE MOUNTED
	LIGHT FIXTURE - RECESSED OR SURFACE MOUNTED ON EMERGENCY CIRCUIT
	DOWNLIGHT FIXTURE
	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT
	LIGHT FIXTURE - WALL MOUNTED
	LIGHT FIXTURE - WALL MOUNTED ON EMERGENCY CIRCUIT
	EXIT LIGHT - CEILING MOUNTED ON EMERGENCY CIRCUIT
	EXIT LIGHT - WALL MOUNTED ON EMERGENCY CIRCUIT
LIGHTING CONTROLS & DEVICES	
$	LINE VOLTAGE SINGLE POLE SWITCH
$3	LINE VOLTAGE 3-WAY SWITCH
$4	LINE VOLTAGE 4-WAY SWITCH
$K	LINE VOLTAGE MOMENTARY DPST KEYED SWITCH
$D	LINE VOLTAGE DIMMER SWITCH, SIZE AND TYPE AS REQUIRED
$P	LINE VOLTAGE SWITCH WITH PILOT LIGHT
$T	6-HOUR ROTARY TIMER SWITCH WITH NO HOLD U.N.O.
	PUSH BUTTON EPO SWITCH WITH COVER
$MC	LOW VOLTAGE MOMENTARY CONTACT SWITCH
$R	LOW VOLTAGE DIGITAL KEYPAD
$B	LOW VOLTAGE BUILDING MANAGEMENT (BMCS) LOCAL OVERRIDE SWITCH
	OCCUPANCY SENSOR (AUTO ON / AUTO OFF WITHIN 20-MINUTES)
	VACANCY SENSOR (MANUAL ON / AUTO OFF WITHIN 20-MINUTES)
	PHOTOCELL SENSOR
RF	LIGHTING CONTROL SYSTEM. ('F' DENOTES TYPE - SEE LIGHTING CONTROLS SCHEDULE)
ER	EMERGENCY LOAD CONTROL RELAY. MINIMUM 16A AND 0-10V COMPATIBLE. PROVIDE U.L. 924 U.N.O.
RECEPTACLES AND OUTLETS	
	SIMPLEX RECEPTACLE
	DUPLEX RECEPTACLE
U	DUPLEX RECEPTACLE WITH TWO USB CHARGING PORTS.
	125/250 VOLT, 1 PHASE, 3-WIRE, 20 AMPS UNLESS NOTED OTHERWISE
	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE
U	DOUBLE DUPLEX WITH TWO USB CHARGING PORTS IN 2-GANG BOX WITH SINGLE COVER PLATE
	DOUBLE DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE IN 2-GANG BOX WITH SINGLE COVER PLATE
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T	LOW VOLTAGE TRANSFORMER, SIZE AND TYPE AS REQUIRED.
Y	CHIME/BUZZER
ELECTRICAL EQUIPMENT	
	ELECTRICAL PANELBOARD; REFER TO FLOOR PLANS FOR VOLTAGE.
	DRY TYPE TRANSFORMER
	PLYWOOD TELEPHONE BACKBOARD
CIRCUITING	
	CONDUIT
	CONDUIT BELOW FLOOR, SLAB, OR GRADE
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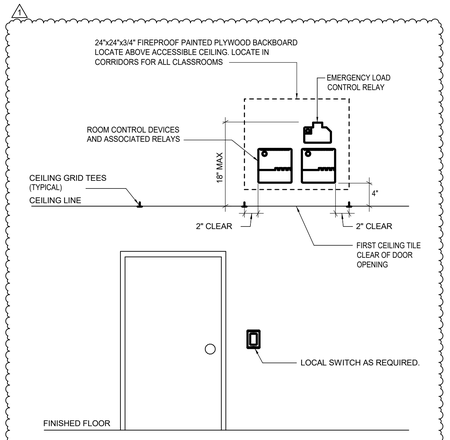
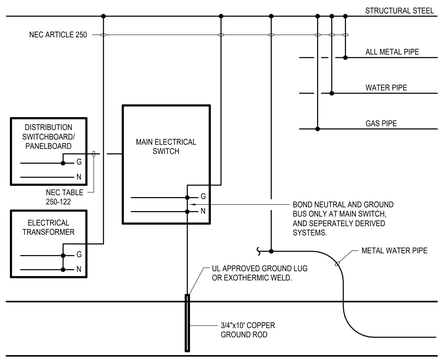
GENERAL NOTES:

-ALL EXTERIOR BUILDING ELECTRICAL EQUIPMENT TO BE WEATHERPROOF NEMA-4X MINIMUM.
-ALL EXTERIOR RECEPTACLES SHALL BE WATER RESISTANT TYPE.



2 TYPICAL LIGHTING CONTROLS ELEVATION
SCALE: NONE



1 GROUNDING DETAIL
SCALE: NONE

LIGHTING CONTROLS SCHEDULE

Type	Sensor Operation	# of Lighting Zones	Description
RA	OCCUPANCY - AUTO ON @ 50% / AUTO OFF	1	DIGITAL KEYPAD; ON/OFF WITH RAISE/LOWER, 0-10V DIMMING.

LIGHTING FIXTURE SCHEDULE

Type Mark	CATALOG NUMBER MANUFACTURER	MODEL	MOUNTING	LAMP TYPE	CCT	CRI	VOLTAGE	LOAD	REMARKS
A1	METALUX	24FP4740C	RECESSED	4700L LED	4000 K	80	277 V	42 W	2X4 FLAT PANEL, OPAQUE LENS, 0-10V DIMMING, DLC LISTED.
A1E	METALUX	24FP4740C + EL14W	RECESSED	4700L LED	4000 K	80	277 V	42 W	2X4 FLAT PANEL, OPAQUE LENS, 0-10V DIMMING, DLC LISTED. PROVIDE WITH HIGH LUMEN EMERGENCY BATTERY PACK.

APPROVED LIGHTING MANUFACTURERS:
- LED / FLUORESCENT: LITHONIA, COLUMBIA, METALUX, AXIS, DAYBRITE, HE WILLIAMS, LSI, CREE
- EXIT SIGNS: LITHONIA, CHLORIDE, EMERGI-LITE, DUAL-LITE, SURE LITES, H.E. WILLIAMS
- ARCHITECTURAL HIGH PERFORMANCE FLOOD LIGHTS: WIDE-LITE, HADCO, KIM, McGRAW EDISON, GARDCO, LSI
- INDUSTRIAL: METALUX, LITHONIA, EXCELINE, G.E., HUBBELL, LUMARK, STONCO
- DOWNTRACK LIGHTING: LIGHTOLIER, LITHONIA-GOTHAM, HALO ARCHITECTURAL, PRESCOLITE, HE WILLIAMS, INDY
- SECURITY (WALLPACKS): LITHONIA, McGRAW EDISON, G.E., LSI, HUBBELL, STONCO, GARDCO
- ARCHITECTURAL LINEAR: PEERLESS, LITECONTROL, ALERA, LAM, AMERICAN LINEAR LIGHTING, LEDALITE
- ARCHITECTURAL INDIRECT: INSIGHT, ORIGINAL CAST LIGHTING, SPI, LAM

- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT INDICATED IN THE LIGHT FIXTURE SCHEDULE. WHERE THERE IS AN INCONSISTENCY BETWEEN THE LIGHT SCHEDULE AND THE SPECIFICATIONS, THE BETTER QUALITY OF WORK SHALL BE INCLUDED IN THE PROPOSAL.
- THE ABOVE LIGHTING MANUFACTURERS LIST DOES NOT IMPLY APPROVAL. APPROVAL WILL BE DETERMINED AFTER REVIEW OF SHOP DRAWING TO DETERMINE IF THE FIXTURE OR POLE SUBMITTED MEETS OR EXCEEDS THE DESIGN STANDARDS AND PERFORMANCE REQUIRED OF THE FIXTURE SPECIFIED IN THE LIGHT FIXTURE SCHEDULE OR SPECIFICATIONS. IT SHALLBE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE THE SPECIFIED LIGHT FIXTURE IF A SUBSTITUTION IS NOT APPROVED WITHOUT ANY ADDITIONAL COST TO THE OWNER. WHERE SPECIFIC OPTIONS/ACCESORIES ARE SPECIFIED OR REQUIRED, THEY SHALL BE PROVIDED WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- DUE TO THE WIDE RANGE OF FIXTURE QUALITIES OFFERED BY EACH MANUFACTURER, THE APPROVED LIGHTING MANUFACTURERS SUBSTITUTION LIST IS NOT INTENDED TO INDICATE THAT ANY OR ALL MANUFACTURERS LISTED WILL HAVE SUITABLE SUBSTITUTIONS FOR THE LIGHT FIXTURES OR POLES SPECIFIED IN THE LIGHT FIXTURE SCHEDULE. SHOP DRAWINGAND CONSTRUCTION DELAYS AS A RESULT OF INAPPROPRIATE SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL NOT RESULT IN ANY ADDITIONAL COST TO THE OWNER.

ELECTRICAL GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES AND ELECTRICAL DEVICES.
2. ALL LIGHT FIXTURES IN MECHANICAL AREAS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING EQUIPMENT TO AVOID CONFLICTS. LOCATE LIGHT FIXTURES ON PERIMETER WALLS OF MECHANICAL AREAS WHERE PRACTICAL.
3. ALL EMPTY CONDUIT SHALL HAVE PULL STRING.
4. EACH CONDUIT SHALL BE LIMITED TO (3) CIRCUITS MAXIMUM.
5. VERIFY MOUNTING HEIGHTS OF RECEPTACLES WITH CASEWORK ELEVATIONS PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL DRAWINGS FOR ROOM ELEVATIONS FOR LOCATION AND COORDINATION OF ELECTRICAL OUTLETS. AT KNEESPACE LOCATIONS, LOCATE ELECTRICAL OUTLETS WITHIN KNEESPACE, UNLESS NOTED OTHERWISE. AT COUNTERS WITH OUT KNEESPACE, LOCATE OUTLETS HORIZONTALLY 6" ABOVE BACK SPLASH, UNLESS NOTED OTHERWISE.
6. ALL FIRE ALARM DEVICES, RECEPTACLES, SWITCHES, AND WIRING DEVICES IN MECHANICAL AND ELECTRICAL ROOMS ARE TO BE RECESSED IN WALLS.
7. ALL LIGHTING, RECEPTACLE, AND EQUIPMENT BRANCH CIRCUITS CONDUITS SHALL CONTAIN A GROUND WIRE. USING THE CONDUIT SYSTEM AS THE ONLY GROUND PATH IS NOT ACCEPTABLE.
10. CENTER ALL EXIT SIGNS OVER DOORS.

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Salas O'Brien Project Number: 2550-00810-00

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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS
16301 Chimney Rock Rd, Houston, TX 77053
WILLOWRIDGE HIGH SCHOOL

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16431 Lexington Blvd.
Sugarland, TX 77479

BRADLEY KALMANS — 80219 — LICENSED PROFESSIONAL ENGINEER — STATE OF TEXAS
01/12/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: DES CHECKED BY: JZ
REVISIONS:

Δ	Date	Description
1	01/12/26	Addendum #1

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E2.01-W
ELECTRICAL SCHEDULES, DETAILS, AND LEGENDS

WILLOWRIDGE HIGH SCHOOL

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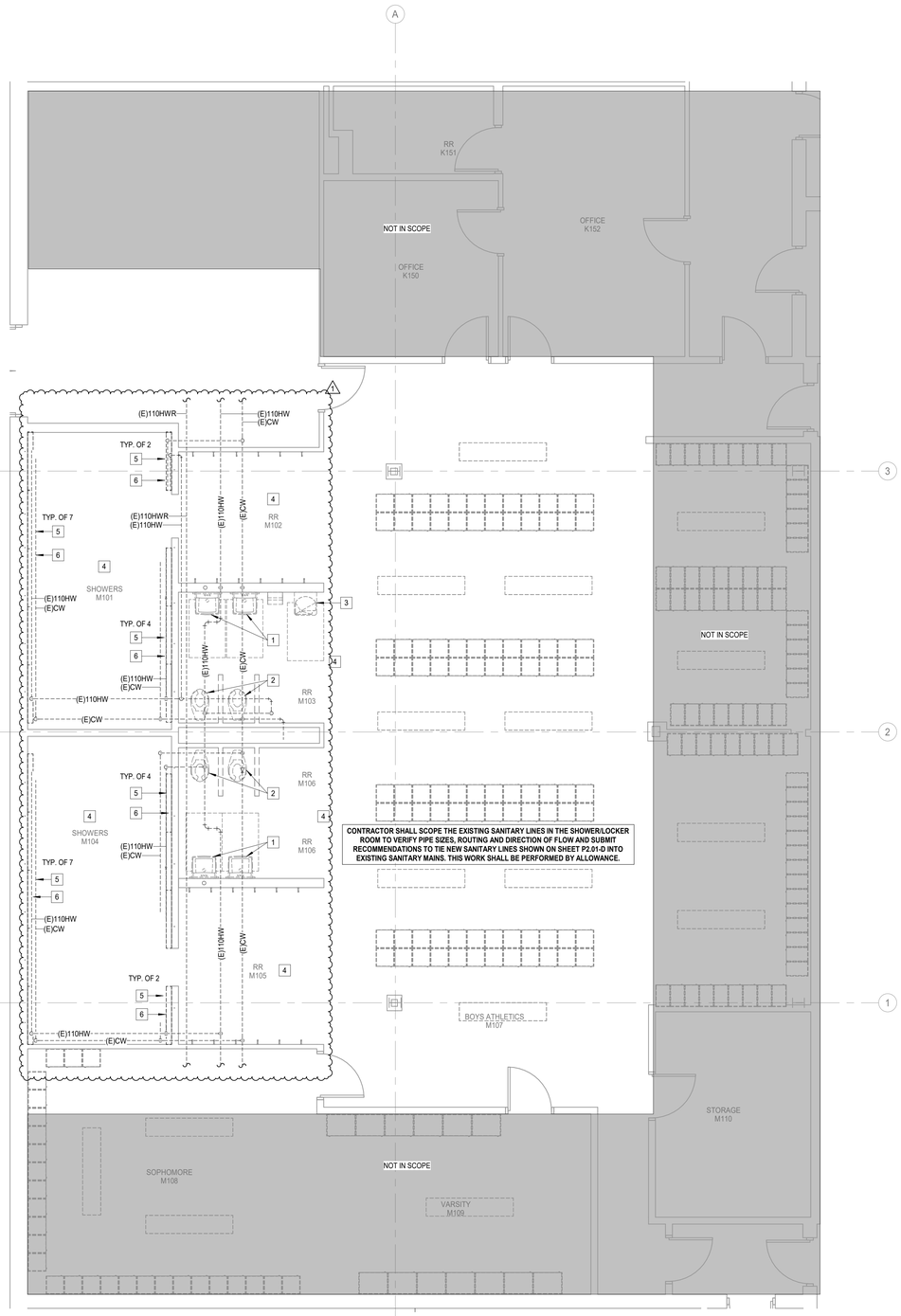
PLUMBING KEYED NOTES

1 EXISTING LAVATORY TO BE REMOVED. REMOVE CW AND VENT BACK TO MAIN. CAP SANITARY BELOW SLAB.
2 EXISTING WATER CLOSET TO BE REMOVED. REMOVE CW AND VENT BACK TO MAIN. CAP SANITARY BELOW SLAB.
3 EXISTING ELECTRONIC DRINKING FOUNTAIN TO BE REMOVED. REMOVE CW AND VENT PIPING BACK TO MAIN. CAP SANITARY BELOW SLAB.
4 VERIFY FLOOR DRAIN LOCATIONS (RR AND SHOWER)
5 EXISTING SHOWER TO BE REMOVED. REMOVE SANITARY, CW, HW AND VENT BACK TO MAIN.
6 EXISTING TRENCH DRAIN, FLOOR DRAIN AND SANITARY TO BE DEMOLISHED.



1 **PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - GYM**
Scale: 1/4" = 1'-0"

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DULLES HIGH SCHOOL

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BRADLEY KALMANS
STATE OF TEXAS
80219
LICENSED
PROFESSIONAL ENGINEER
01/12/26

PROJECT NO. 25-006
DATE: 12/04/2025
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P0.01-D
PLUMBING DEMOLITION FLOOR PLAN - LEVEL 1 - GYM

DULLES HIGH SCHOOL

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Salas O'Brien Project Number: 2550-00810-00

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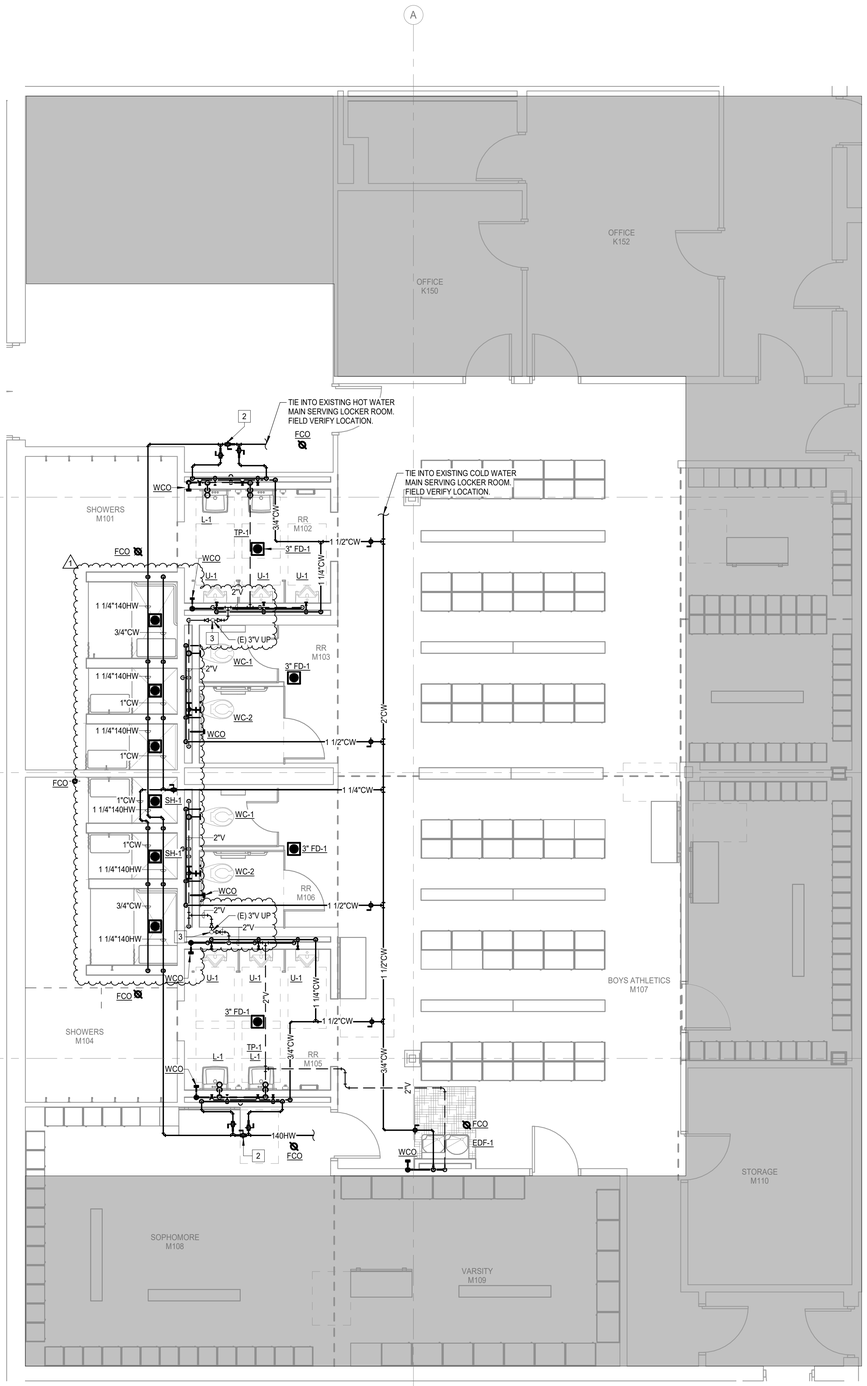
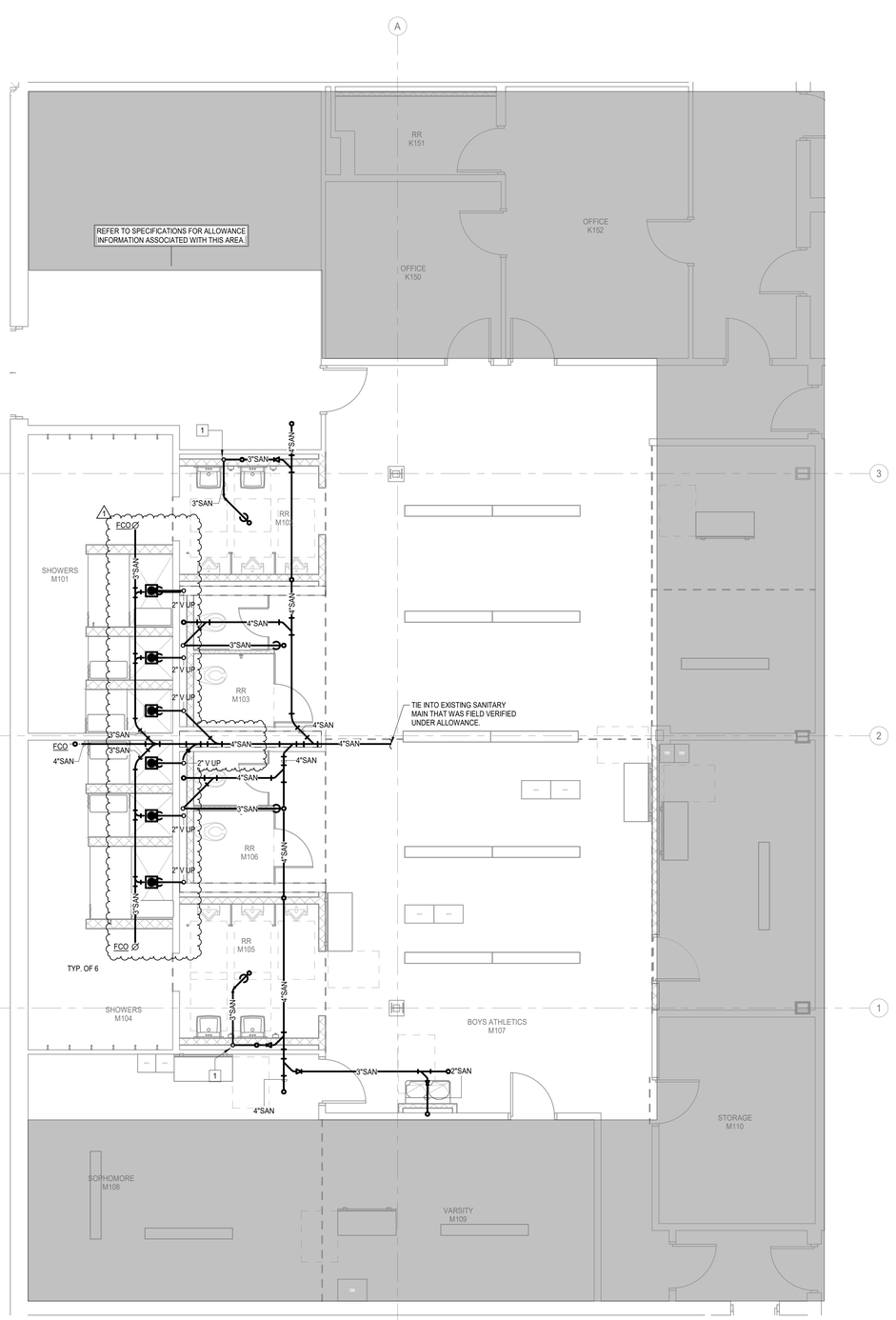
PLUMBING KEYED NOTES

1 2" VENT UP.
2 BYPASS VALVE NORMALLY CLOSED.
3 CONNECT NEW 2" VENT TO EXISTING VTR.



2 PLUMBING ENLARGED FLOOR PLAN - LEVEL 1 - GYM

Scale: 1/4" = 1'-0"



1 PLUMBING FLOOR PLAN - UNDERFLOOR - GYM

Scale: 1/4" = 1'-0"

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01/12/26

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REVISIONS:

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P2.01-D
PLUMBING FLOOR PLAN - LEVEL 1 - GYM

DULLES HIGH SCHOOL

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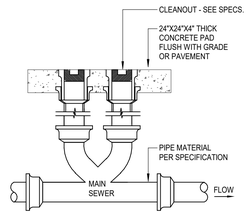
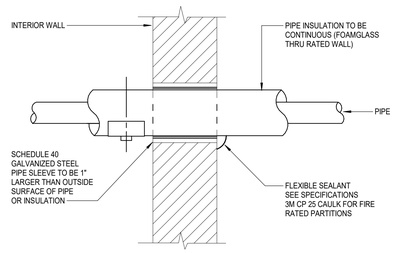
PSAN05- XX/XX/XX



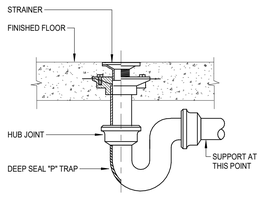
8 TWO-WAY EXTERIOR CLEANOUT
SCALE: NONE

PSL01- XX/XX/XX



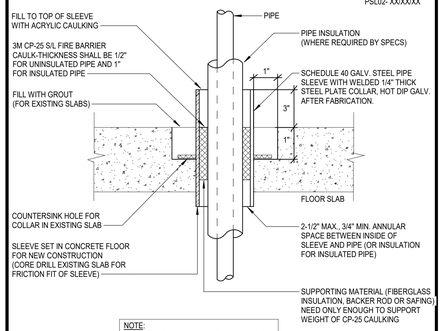
4 INTERIOR WALL PENETRATION
SCALE: NONE

PSAN07- XX/XX/XX



7 FLOOR DRAIN
SCALE: NONE

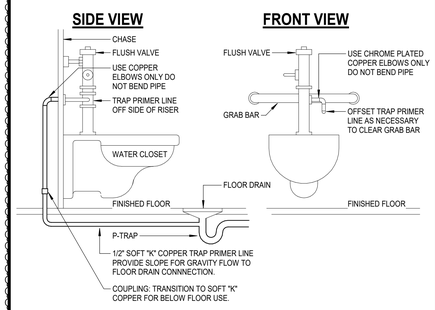
PSL02- XX/XX/XX



NOTE:
UL APPROVED PIPING ASSEMBLIES EQUAL TO UL SYSTEM #49 FOR UNINSULATED PIPE AND SYSTEM #91 FOR INSULATED PIPE

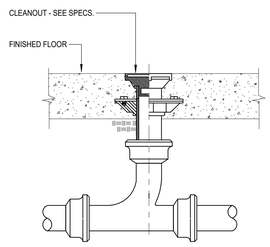
3 INTERIOR FLOOR PENETRATION
SCALE: NONE

PTP03 - XX/XX/XX



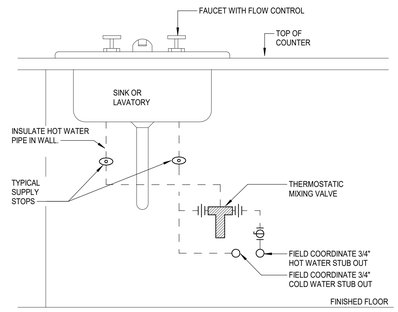
10 FLUSH VALVE TRAP PRIMER
SCALE: NONE

PSAN01- XX/XX/XX



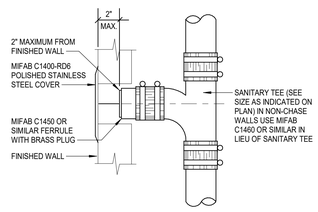
6 FLOOR CLEANOUT
SCALE: NONE

PHW04 - 09/10/18



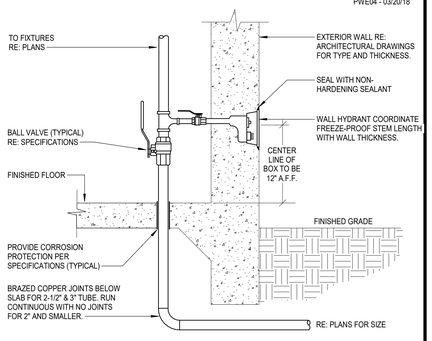
2 THERMOSTATIC MIXING VALVE PIPING AT LAVATORY
SCALE: NONE

PSAN02- XX/XX/XX



9 WALL CLEANOUT
SCALE: NONE

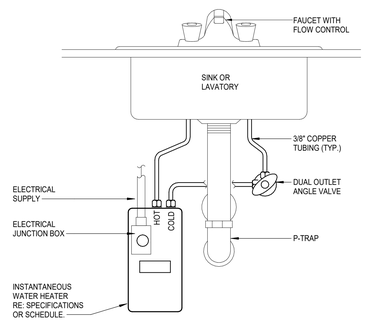
PWE04 - 03/20/18



DESIGNER NOTE: USE FOR 2-1/2" AND LARGER WATER ENTRIES BELOW SLAB

5 DOMESTIC WATER ENTRY
SCALE: NONE

PHW02 - 09/10/18



1 INSTANTANEOUS ELECTRIC WATER HEATER PIPING
SCALE: NONE

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ELKINS HIGH SCHOOL

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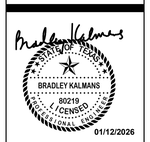

DATE: -

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P5.02-E
PLUMBING DETAILS

ELKINS HIGH SCHOOL

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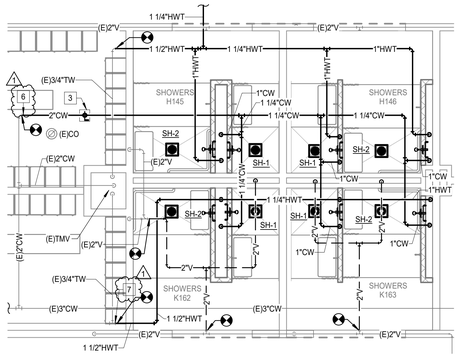
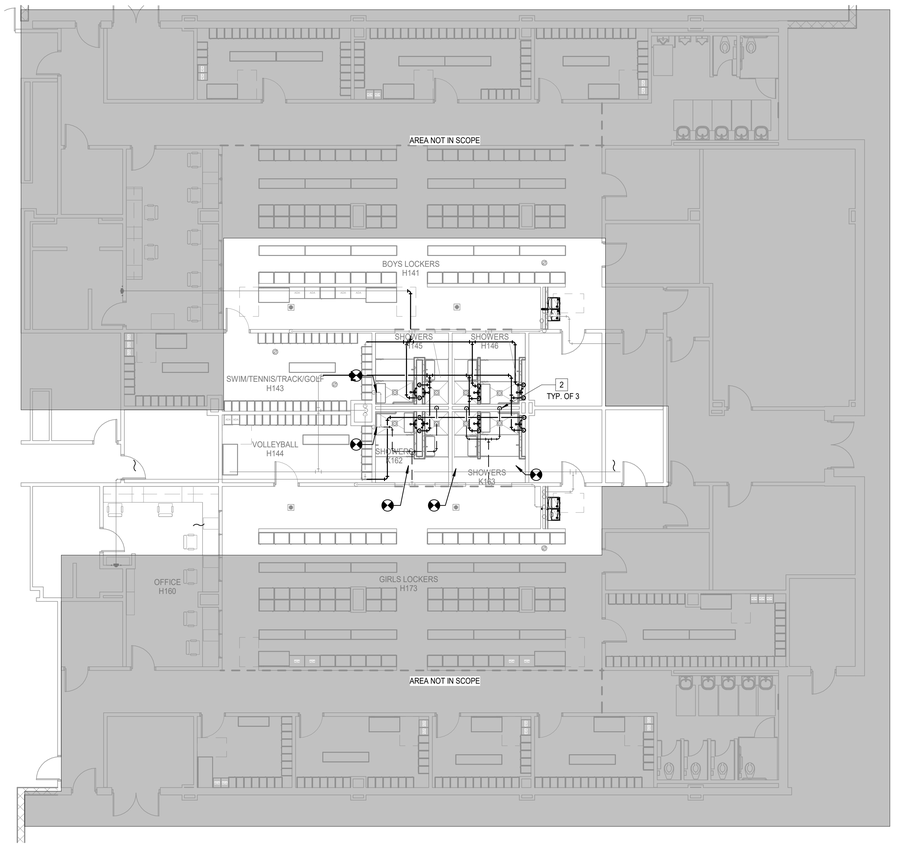
PLUMBING KEYED NOTES

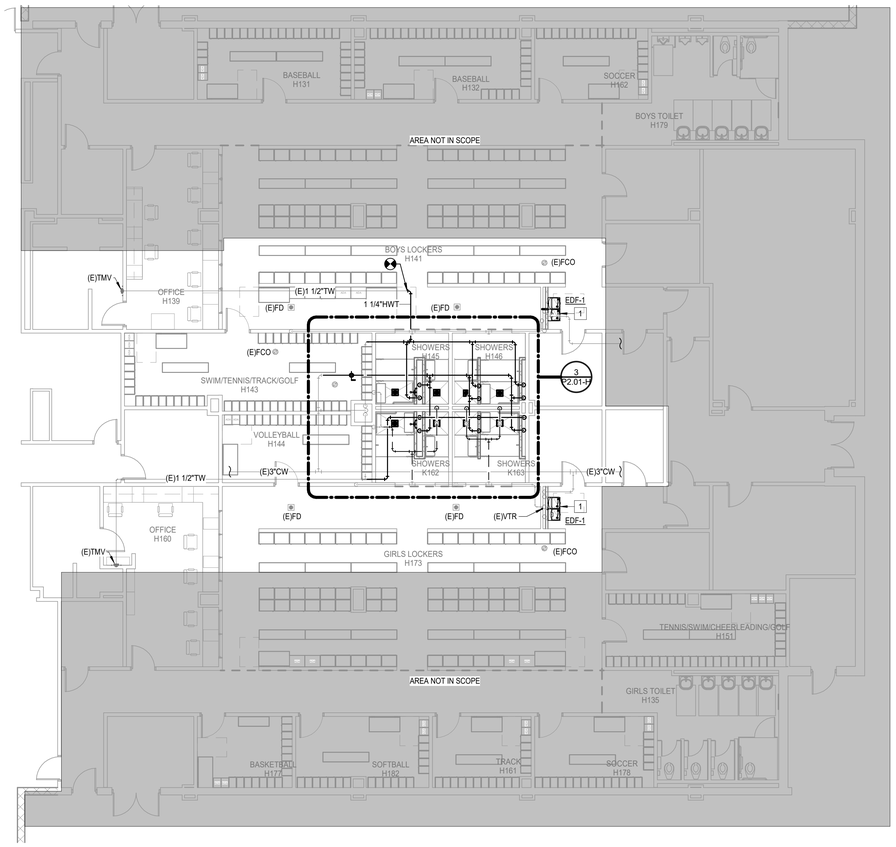
1 PROVIDE AND INSTALL NEW ELECTRONIC DRINKING FOUNTAIN. CONNECT EXISTING UTILITIES (CW, SANITARY AND VENT.)
2 2" VENT UP.
3 PROVIDE A 8"X8" ACCESS PANEL
6 CONNECT NEW CW SERVICE TO EXISTING UTILITY AT LOCATION NOTED.
7 CONNECT NEW HW SERVICE TO EXISTING UTILITY AT LOCATION NOTED.



3 **PLUMBING ENLARGED FLOOR PLAN - LEVEL 1 - HIGHTOWER GYM SHOWERS**
Scale: 1/4" = 1'-0"



2 **PLUMBING UNDERFLOOR PLAN - HIGHTOWER GYM**
Scale: 1/8" = 1'-0"



1 **PLUMBING FLOOR PLAN - LEVEL 1 - HIGHTOWER GYM**
Scale: 1/8" = 1'-0"

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Salas O'Brien Project Number: 2500-00810-00

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PROJECT NO. 25-006
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P2.01-H
PLUMBING FLOOR PLAN - GYM

HIGHTOWER HIGH SCHOOL

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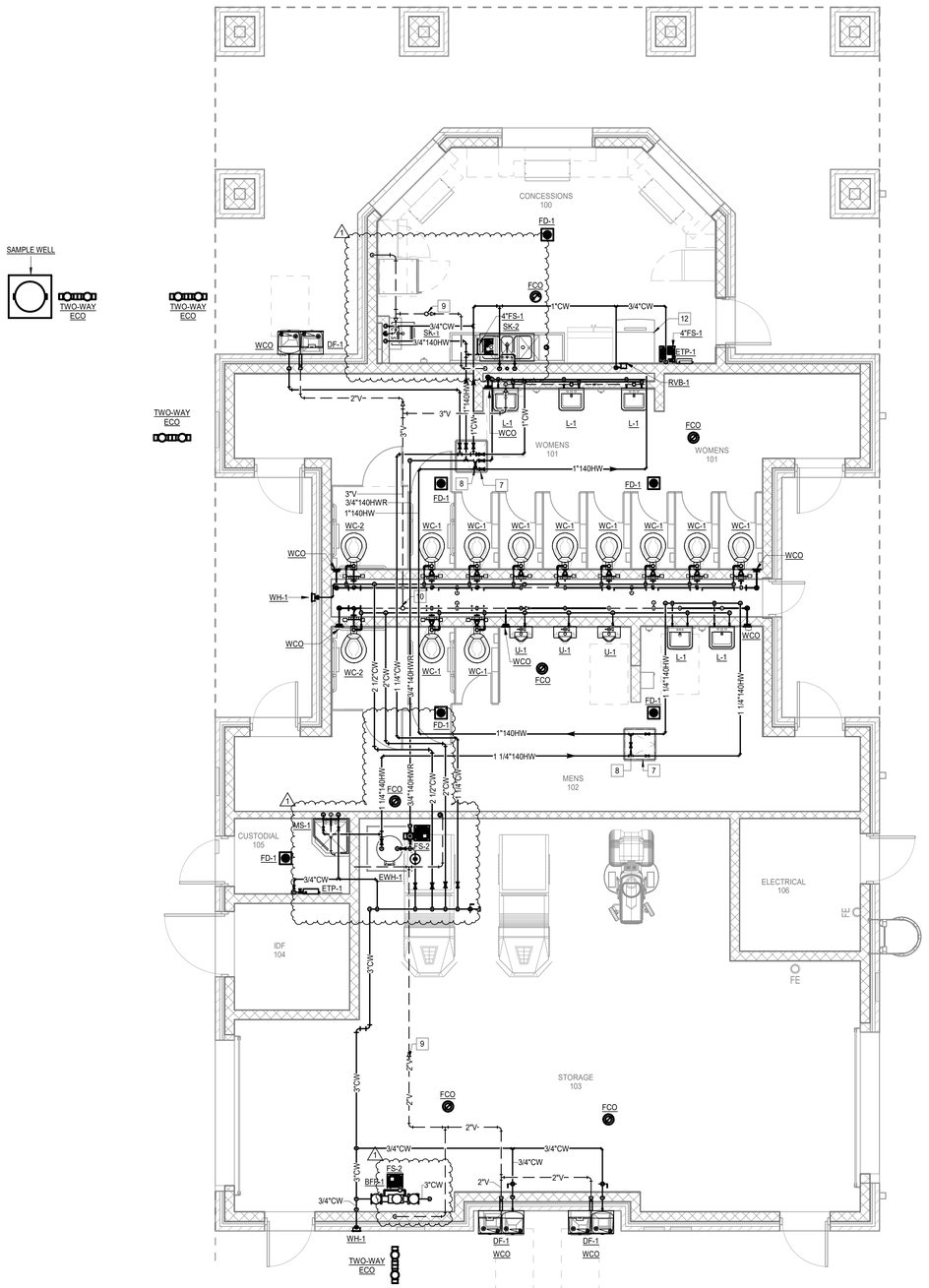
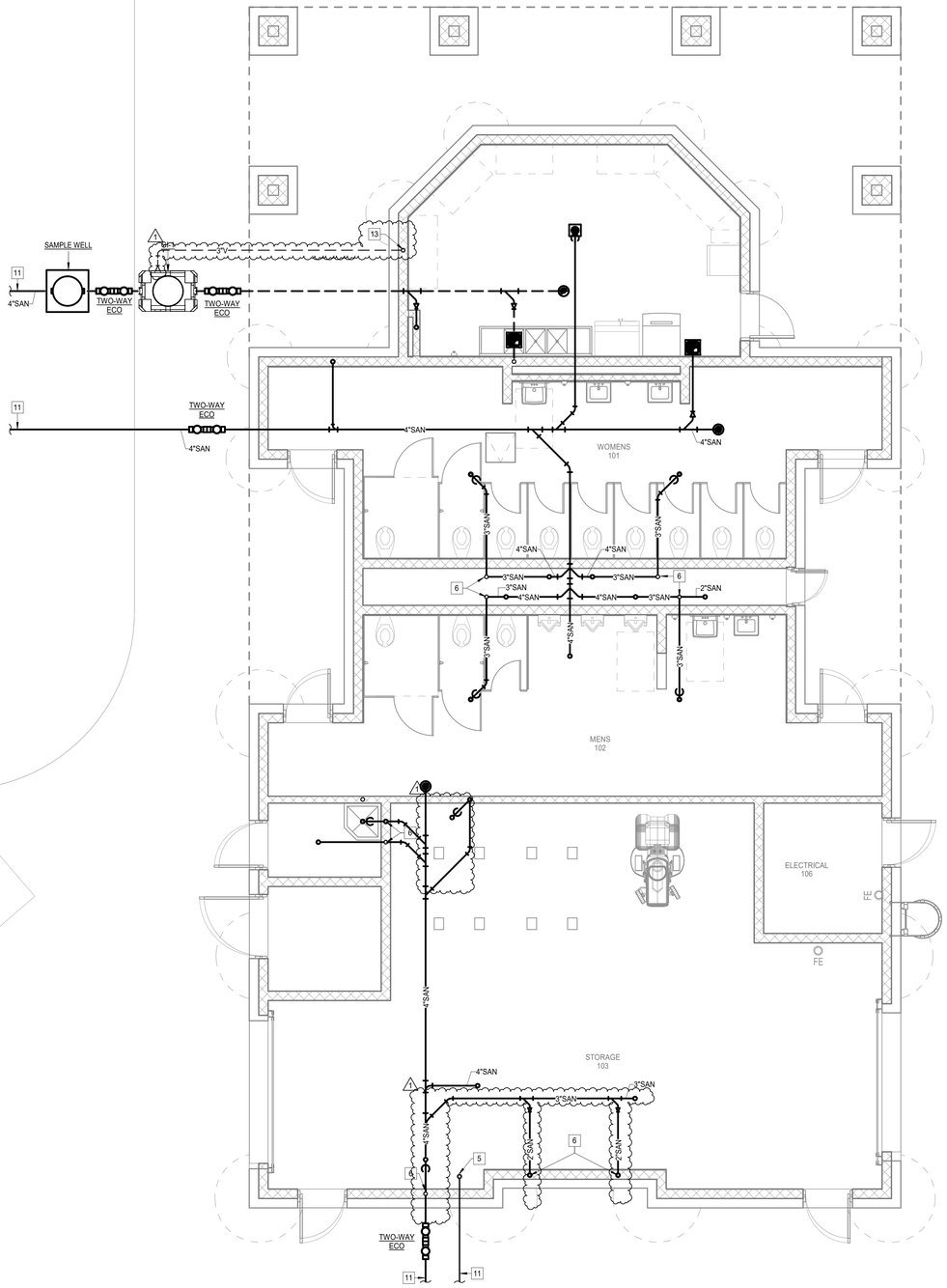
PLUMBING KEYED NOTES

5 3" CW FROM BELOW SLAB. 3" WATER ENTRY. REFER TO DETAIL #/P###.
6 2" VENT UP.
7 PROVIDE A 24"X24" ACCESS PANEL.
8 BYPASS VALVE NORMALLY CLOSED.
9 3" VENT UP TO 4" VTR.
10 4" VENT UP TO 4" VTR.
11 REFER TO SHEET P1.00-H FOR CONTINUATION.
12 NEW ICE MACHINE. CONNECT CW PER MANUFACTURERS SPECIFICATION.
13 3" VENT UP.



22 **PLUMBING FLOOR PLAN - LEVEL 1 HIGHTOWER CONCESSION**
Scale: 1/4" = 1'-0"



2 **PLUMBING UNDERFLOOR PLAN - HIGHTOWER CONCESSION**
Scale: 1/4" = 1'-0"

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PROJECT NO. 25-006
DATE: 12/04/2025
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Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2500-00810-00

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P2.03-H
PLUMBING FLOOR PLAN - CONCESSIONS

HIGHTOWER HIGH SCHOOL

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PLUMBING PIPING LEGEND

SYMBOLS	DESCRIPTION
SAN	SANITARY OR WASTE PIPING ABOVE GRADE (SAN)
SAN	SANITARY OR WASTE PIPING BELOW GRADE (SAN)
GW	GREASE WASTE PIPING (GW)
GW	GREASE WASTE PIPING BELOW GRADE (GW)
SD	STORM DRAIN PIPING (SD)
SD	STORM DRAIN PIPING BELOW GRADE (GW)
SSD	SUB-SOIL DRAIN OR FOOTING DRAIN (SSD)
AW	ACID WASTE PIPING (AW)
AW	ACID WASTE PIPING BELOW GRADE (AW)
PD	PUMPED DISCHARGE (PD)
CD	CONDENSATE DRAIN PIPING (CD)
D	CONDENSATE - INDIRECT DRAIN PIPING (D)
	VENT PIPING (V)
CW	COLD WATER PIPING (CW)
HW	HOT WATER PIPING (HW)
HWR	HOT WATER RETURN PIPING (HWR)
SCW	SOFT COLD WATER PIPING (SCW)
CDW	CHILLED DRINKING WATER PIPING (CDW)
TP	TRAP PRIMER LINE (TP)
F	FIRE PROTECTION PIPING (F)
AS	AUTOMATIC SPRINKLER PIPING (AS)
GAS	NATURAL GAS PIPING (G)
GV	GAS VENT PIPING (GV)
AIR	COMPRESSED AIR PIPING (A)
	FLOW DIRECTIONAL ARROW
	SHUT-OFF VALVE
BV	BALANCING VALVE (BV)
SV	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
RPBFP	REDUCED PRESSURE BACKFLOW PREVENTER (RPBFP)
	PIPING DOWN
	RISE OR DROP PIPING
	PIPING UP -OR- PIPING UP & DOWN
	CAP ON END OF PIPE
CO	CLEANOUT (WALL OR CEILING) (CO)
FCO	FLOOR CLEANOUT (FCO)
2 ECO	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
PRV	PRESSURE REDUCING VALVE (PRV)
	BRANCH CONNECTION OUT OF TOP
	BRANCH CONNECTION OUT OF BOTTOM
	BRANCH CONNECTION OUT OF SIDE
	WYE & 1/8TH BEND BRANCH CONNECTION
	WYE BRANCH CONNECTION
	HOSE BIBB
	PRESSURE GAUGE WITH COCK
	THERMOMETER
	GAS PRESSURE REGULATOR
	TEST COCK
	GAS METER
	WALL HYDRANT
	VALVE IN RISE
	ASME TEMPERATURE & PRESSURE RELIEF VALVE
	VACUUM RELIEF VALVE
	ANGLE VALVE
	OS&Y VALVE
	ROOF DRAIN
1	REFER TO KEYED NOTE
FS	FLOW SWITCH
	FLOOR SINK (FS)
	FLOOR DRAIN (FD)
	FLOOR DRAIN WITH P-TRAP (FD)
	FLOOR DRAIN WITH P-TRAP AT 45° ANGLE (FD)
	HUB DRAIN (HD)
	ACCESS PANEL FOR TRAP PRIMER OR SHOCK ABSORBER
AP	ACCESS PANEL LOCATION SYMBOL
A	SHOCK ABSORBER
	AIR CHAMBER
(E)	EXISTING
(N)	NEW
VTR	VENT THRU ROOF
B.F.F.	BELOW FINISHED FLOOR
A.F.F.	ABOVE FINISHED FLOOR
	NEW CONNECTION
IE=100.00'	INVERT ELEVATION
1	DELTA CHANGE SYMBOL
P-1 4" VTR	RISER FLAG

PLUMBING FIXTURE SCHEDULE

TYPE: WC-1 (STANDARD HEIGHT)
DESCRIPTION: WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA WITH ANTIMICROBIAL SURFACE, 1.28 GALLON PER FLUSH SIPHON JET ACTION, ELONGATED CLOSET BOWL WITH 1- 1/2" TOP SPUD AND BOLT COVERS. AMERICAN STANDARD AFWALL #3351.101
SEAT: ELONGATED OPEN FRONT SEAT WITH SELF SUSTAINING CONCEALED CHECK HINGES. REFER TO ARCHITECTURAL DRAWINGS FOR SEAT COLOR. BEMIS #1955SSCT.
FLUSH VALVE: 1.28 GALLON FLUSH CYCLE. EXPOSED, DIAPHRAGM TYPE, CHROME PLATED CLOSET FLUSHOMETER. VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD. SLOAN ROYAL 111-1.28.
CARRIER: WADE 311 (HORIZONTAL) AND 330 (VERTICAL) SERIES WITH 300 LB WEIGHT CAPACITY AND FLUSH VALVE SUPPORT (-AM1).
ROUGH-IN: 4" WASTE, 2" VENT, 1" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT REQUIREMENTS.

TYPE: WC-2 (T.A.S. / ADA COMPLIANT)
DESCRIPTION: WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA WITH ANTIMICROBIAL SURFACE, 1.28 GALLON PER FLUSH SIPHON JET ACTION, ELONGATED CLOSET BOWL WITH 1- 1/2" TOP SPUD AND BOLT COVERS. AMERICAN STANDARD AFWALL #3351.101
SEAT: ELONGATED OPEN FRONT SEAT WITH SELF SUSTAINING CONCEALED CHECK HINGES. REFER TO ARCHITECTURAL DRAWINGS FOR SEAT COLOR. BEMIS #1955SSCT.
FLUSH VALVE: 1.28 GALLON FLUSH CYCLE. EXPOSED, DIAPHRAGM TYPE, CHROME PLATED CLOSET FLUSHOMETER. VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD. PROVIDE OFFSET TAILPIECE AND TRAP PRIMER CONNECTION. SLOAN ROYAL 111-1.28.
CARRIER: WADE 311 (HORIZONTAL) AND 330 (VERTICAL) SERIES WITH 300 LB WEIGHT CAPACITY AND FLUSH VALVE SUPPORT (-AM1).
ROUGH-IN: 4" WASTE, 2" VENT, 1" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT REQUIREMENTS.

TYPE: U-1 (T.A.S. COMPLIANT)
DESCRIPTION: URINAL, WALL HUNG, WHITE VITREOUS CHINA, 0.5 GALLON PER FLUSH, WASHOUT FLUSH ACTION, INTEGRAL TRAP, REMOVABLE DOMED STRAINER. AMERICAN STANDARD "WASHBROOK" 6590.001
FLUSH VALVE: 0.5 GALLON FLUSH CYCLE. EXPOSED, MANUAL TYPE, CHROME PLATED URINAL FLUSHOMETER. VACUUM BREAKER, SPUD COUPLING FOR 3/4" TOP SPUD. SLOAN ROYAL 186-0.5
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 4" SQUARE BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, UPPER AND LOWER BEARING PLATES WITH THREADED STUDS. WADE 401-AM1-M36.
ROUGH-IN: 2" WASTE, 2" VENT, 3/4" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: L-1 (T.A.S. COMPLIANT) PUBLIC/STUDENT
DESCRIPTION: LAVATORY, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARM SUPPORTS, 4" CENTERSET FAUCET HOLES. AMERICAN STANDARD LUCERNE #0355.012.
FAUCET: CHROME PLATED, VANDAL RESISTANT 0.5 GPM NON-AERATING LAMINAR FLOW OUTLET 4" SPOUT, VANDAL PROOF SINGLE PUSH BUTTON METERING, 4" CENTERS. CHICAGO #857-E280S-665PSHAB.
MIXING VALVE: POINT OF USE 1070 CERTIFIED, BRASS BODY, ADJUSTABLE TEMPERATURE CONTROL, WAX FILLED THERMOSAT AND MOUNTING BRACKET. (110 F). BRADLEY S59-4007
STRAINER: 1-1/4" 17 GAUGE CHROME PLATED BRASS GRID STRAINER WITH TAILPIECE. MCGUIRE #155A.
P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE #8872C.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE #LFH2165LK.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE. THREADED CONCEALED ARMS, ALIGNMENT BAR, LOCKING DEVICE, AND LEVELING SCREWS. WADE 520-08.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" COLD AND HOT WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-1 (T.A.S. COMPLIANT) - KITCHEN HAND WASH
DESCRIPTION: HAND SINK, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARM SUPPORTS, 4" CENTERSET FAUCET HOLES. AMERICAN STANDARD LUCERNE #0355.012.
FAUCET: SINK FAUCET FOR HOT AND COLD WATER, DECK-MOUNTED WITH 4" FIXED CENTERS, CHROME PLATED. INCLUDES POP-UP WASTE. RIGID/SWING GOOSENECK SPOUT, 3-1/2" CENTER-TO-CENTER. 4" METAL, VANDAL-PROOF. WRISTBLADE HANDLES WITH SIXTEEN-POINT, TAPERED BROACH AND SECURED BLUE AND RED INDEX BUTTONS. NPSM SUPPLY INLETS AND COUPLING NUT FOR 3/8" OR 1/2" FLEXIBLE RISER. COMPRESSION OPERATING CARTRIDGE(S) FOR FLOW CONTROL.
1/2" QUATURN STRAINER: 1-1/4" 17 GAUGE CHROME PLATED BRASS GRID STRAINER WITH TAILPIECE. MCGUIRE #155A.
P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8872.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 4" SQUARE BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE. THREADED CONCEALED ARMS, ALIGNMENT BAR, LOCKING DEVICE, AND LEVELING SCREWS. WADE 520-08.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-2 - CONCESSIONS THREE COMPARTMENT SINK
DESCRIPTION: SINK, STAND-ALONE, STAINLESS-STEEL 88" X 25-13/16" X 43-3/4", 18 GAUGE THREE COMPARTMENT SINK W/ 18" LEFT AND RIGHT DRAINBOARDS AND 4 STAINLESS-STEEL LEGS. CENTER SET DRAIN, WITH 9" BACK-SPLASH AND 8" ON-CENTER FAUCET HOLES. ELKAY MODEL E3C16X20-2-18X.
FAUCET: CHROME PLATED BRASS CENTERSET WALL MOUNTED FAUCET FITTING. 12" ARC TUBE SPOUT, 6" WRIST BLADE HANDLES AND QUARTER TURN CERAMIC VALVE CARTRIDGES. ELKAY MODEL LK940AT12TBH.
STRAINER: (1) ROTARY LEVER OPERATED DRAIN FITTINGS, EACH WITH STAINLESS STEEL PERFORATED GRID STRAINER AND 3-1/2" IPS DRAIN OUTLET. (3) ADVANCE TABCO K-15.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. REFER TO PLUMBING PLANS FOR LOCATION AND TYPE OF INDIRECT DRAINAGE RECEPTOR, SPECIFIED SEPARATELY.

TYPE: MS-1
DESCRIPTION: MOP SINK BASIN, 36" X 36" X 12" HIGH CORNER TYPE, PRECAST TERRAZZO WITH 6" DROPPED FRONT, STAINLESS STEEL THRESHOLD CAP, AND DOUBLE STAINLESS STEEL WALL GUARDS. STERN-WILLIAMS "CORLOW" SBC-1750.
FAUCET: CHROME PLATED BRASS WALL MOUNTED FITTING WITH CHECK IN STOPS, ADJUSTABLE SUPPLY ARMS, VACUUM BREAKER SPOUT WITH PAIL HOOK AND WALL BRACE, 2-1/2" INDEXED LEVER HANDLES ON 8" CENTERS. QUARTER TURN CARTRIDGES, 3/4" MALE HOSE THREAD OUTLET. CHICAGO 445-897-XKCP.
ROUGH-IN: 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER.

TYPE: EDF-1 (ADA COMPLIANT)
DESCRIPTION: BOTTLE FILLING STATION & BI-LEVEL HIGH EFFICIENCY VANDAL RESISTANT COOLER FILTERED REFRIGERATED STAINLESS. CHILLING CAPACITY OF 8.0 GPH OF 50°F DRINKING WATER, BASED ON 80°F INLET WATER AND 90°F AMBIENT. INCLUDE ANTIMICROBIAL, FILTERED, GREEN TICKER, HANDS FREE, HIGH EFFICIENCY, LAMINAR FLOW, REAL DRAIN, VANDAL RESISTANT, VISUAL FILTER MONITOR, ELECTRONIC BOTTLE FILLER SENSOR WITH MECHANICAL FRONT BUBBLER BUTTON ACTIVATION. ELKAY MODEL #LVRCGRNTLBWSK.
P-TRAP: 1-1/4" CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. MCGUIRE 8872.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. WADE 400.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: DF-1 (ADA COMPLIANT)
DESCRIPTION: WALL HUNG, BI-LEVEL DRINKING FOUNTAIN, NON-REFRIGERATED STAINLESS STEEL LAMINAR FLOW, MECHANICALLY ACTIVATED, VANDAL RESISTANT BUBBLER, MECHANICAL FRONT BUBBLER BUTTON ACTIVATION. ELKAY MODEL #LVRCGRNTLBC.
P-TRAP: ~~1-1/4" CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT AND EXTENSION TO~~ WALL WITH ESCUTCHEON. MCGUIRE 8872.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. WADE 400.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SH-1 - INDIVIDUAL SHOWER STATION
DESCRIPTION: SHOWER, JOB BUILT BASE INSTALLED PER ARCHITECTURAL DRAWINGS.
CONTROLS: PRESSURE BALANCING HOT AND COLD WATER SHOWER CONTROL VALVE WITH INTEGRAL CHECKSTOPS. STAINLESS STEEL, ALUMINUM OR CHROME PLATED BRASS ESCUTCHEON. VANDAL RESISTANT 2.5 GPM SHOWER HEAD. ACORN 532-GX-P.
DRAIN: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 5" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. SEE FD-1 FOR ADDITIONAL INFORMATION.
TRAP SEAL: PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER.
ROUGH-IN: 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SH-2 (T.A.S. COMPLIANT) - INDIVIDUAL SHOWER STATION
DESCRIPTION: SHOWER, JOB BUILT BASE INSTALLED PER ARCHITECTURAL DRAWINGS.
CONTROLS: PRESSURE BALANCING HOT AND COLD WATER SHOWER CONTROL VALVE WITH LEVER HANDLE AND INTEGRAL CHECKSTOPS. STAINLESS STEEL, ALUMINUM OR CHROME PLATED BRASS ESCUTCHEON. 2.5 GPM HAND HELD SHOWER WITH 60" FLEXIBLE STAINLESS STEEL CLAD HOSE, VACUUM BREAKER, MOUNTING BRACKET, AND 24" SLIDE BAR. ACORN 532-GX-FX-SB-LVR.
DRAIN: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 5" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. SEE FD-1 FOR ADDITIONAL INFORMATION.
TRAP SEAL: PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER.
ROUGH-IN: 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: IMC-1
DESCRIPTION: ICE MACHINE CONNECTION, WATER SUPPLY VALVED AT WALL. PROVIDE DOUBLE CHECK VALVE TYPE BACKFLOW PREVENTER AND WATER FILTER. WATTS 1/2" 007-S BACKFLOW PREVENTER AND AQUA-PURE #CE 140-S FILTER. ROUTE BACKFLOW PREVENTER DISCHARGE TO FLOOR SINK SERVING ICE MACHINE.
ROUGH-IN: 3/4" COLD WATER. COORDINATE ROUGH-IN LOCATION/HEIGHT. FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECTURAL/CASEWORK DRAWINGS.

TYPE: WH-1
DESCRIPTION: WALL HYDRANT IS S.S. BOX, 3/4" NON FREEZE, HALF TURN CERAMIC DISC CARTRIDGE, STAINLESS STEEL FINISH WITH ANTI SIPHON VACUUM BREAKER AND LOOSE TEE KEY. INSTALL WITH BOTTOM OF HYDRANT 18" A.F.F. WADE #8701-MT-175.
ROUGH-IN: 3/4" COLD WATER

TYPE: FD-1
SERVICE: GENERAL USE
DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 5" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. WADE 1100-MRS.
TRAP PRIMER: SERVED BY ELECTRONIC PPP PRIME-TIME TRAP PRIMER. REFER TO DETAILS.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS / FLOOR CONSTRUCTION.

TYPE: FD-2
SERVICE: MECHANICAL ROOM CONDENSATE, T&P VALVE DISCHARGE
DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 7" DIAMETER STAINLESS STEEL STRAINER WITH EXTENDED RIM AND VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. WADE 1100-ER7.
TRAP PRIMER: SERVED BY ELECTRONIC PPP PRIME-TIME TRAP PRIMER. REFER TO DETAILS.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH EQUIPMENT PLACEMENT.

TYPE: FD-3
SERVICE: KITCHEN AREA DRAIN
DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, 8" DIAMETER STAINLESS STEEL STRAINER, 6" DEEP SUMP, A.R.C. INTERIOR, A.R.C. SEDIMENT BUCKET, CLAMPING COLLAR, ALUMNIUM DOME STRAINER. WADE #9010-6-26-27-85-110.
TRAP PRIMER: SERVED BY ELECTRONIC PPP PRIME-TIME TRAP PRIMER. REFER TO DETAILS.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH EQUIPMENT PLACEMENT.

TYPE: FS-1
SERVICE: ICE MACHINE DRAIN / BACKFLOW PREVENTER DISCHARGE
DESCRIPTION: CAST IRON 8" SQUARE FLOOR SINK WITH 6" DEEP SUMP, A.R.E. INTERIOR, ALUMINUM DOME BOTTOM STRAINER, 1/2 STAINLESS STEEL HALF TOP GRATE, CLAMPING DEVICE. WADE 9110-6-15-26-27-85.
TRAP PRIMER: SERVED BY ELECTRONIC TRAP PRIMER. REFER TO PLANS.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS / EQUIPMENT PLACEMENT.

TYPE: BFP-1 (2" AND SMALLER)
DESCRIPTION: BACKFLOW PREVENTER, REDUCED PRESSURE ZONE TYPE WITH TWO INLINE INDEPENDENT CHECK VALVES WITH AN INTERMEDIATE RELIEF VALVE. COMPLETE WITH TWO FULL PORTED BALL VALVE SHUT-OFFS AND BALL TYPE TEST COCKS. BRONZE STRAINER ON INLET. 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. WATTS 909-QT-S.

TYPE: BFP-2 (2 1/2" AND LARGER)
DESCRIPTION: BACKFLOW PREVENTER, REDUCED PRESSURE ZONE TYPE WITH TWO INLINE INDEPENDENT CHECK VALVES WITH AN INTERMEDIATE RELIEF VALVE. COMPLETE WITH TWO FULL PORTED BALL VALVE SHUT-OFFS AND BALL TYPE TEST COCKS. BRONZE STRAINER ON INLET. PROVIDE AIR GAP WITH DRAIN PIPE TO NEAREST FLOOR DRAIN. WATTS 909 SERIES.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. MOUNT AT 48" A.F.F. UNLESS NOTED OTHERWISE ON DRAWINGS.

TYPE: FCO
DESCRIPTION: FLOOR CLEANOUT, CAST IRON BODY AND ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ROUND SCORIATED STAINLESS STEEL COVER. WADE 6000-153. FOR CARPETED FLOORS PROVIDE WADE 6000-CM.

TYPE: ECO
DESCRIPTION: EXTERIOR CLEANOUT TO GRADE. CAST IRON BODY WITH ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ROUND SCORIATED VANDAL RESISTANT DUCTILE IRON TRACTOR TYPE COVER. IF LOCATED IN ASPHALT OR DIRT PROVIDE 18"X18"X12" CONCRETE PAD. WADE 6000-Z.

TYPE: WCO
DESCRIPTION: WALL CLEANOUT. CAST IRON CLEANOUT FERRULE WITH DUCTILE IRON COMBINED COVER/PLUG AND ROUND STAINLESS COVER PLATE WITH CENTER SECURING SCREW. WADE 8550 WITH 8480-R6. PROVIDE WADE 8560 CAST IRON CLEANOUT TEE IN LIEU OF FERRULE AS REQUIRED FOR WALL CONSTRUCTION.

GENERAL NOTES

ALL LAVATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND COLD WATER (UNLESS NOTED TO BE COLD WATER ONLY) TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SCHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH LOOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED FLEXIBLE RISERS OF SIZE REQUIRED TO PROPERLY CONNECT FIXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON (UNLESS NOTED TO BE AN ACID WASTE FIXTURE). REFER TO FIXTURE SCHEDULE FOR MINIMUM SIZES OF PLUMBING FIXTURE ROUGH-INS.

INSULATION KITS AT ALL LAVATORIES AND SINKS REQUIRED TO BE T.A.S. ACCESSIBLE (MCGUIRE OR TRUEBRO). ALL SUCH FIXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE STATE ACCESSIBILITY STANDARDS REQUIREMENTS.

INSERT TRAP GUARDS AFTER FINAL RODDING OF DRAINS. INSTALL TRAP GUARD WITH CLEAR SILICONE CAULK FOR GAS-TIGHT SEAL. FOR DRAIN RODDING AFTER INSTALLATION. INSERT SEWER TAPE THROUGH LIGHTLY GREASED 1-1/2" PVC PIPE TO PROTECT TRAP GUARD.

DISREGARD FIXTURES LISTED THAT ARE NOT ON THIS JOB.

GENERAL NOTES

1. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE AND INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.

2. THIS CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THIS CONTRACTOR SHALL NOTIFY THE ARCHITECT/ ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.

PLUMBING GENERAL NOTES

1. WITHIN THE EXISTING BUILDING, EXISTING WATER, WASTE AND VENT SERVICES ARE TO BE MODIFIED AS REQUIRED AND REUSED FOR THE INSTALLATION OF NEW AND/OR RELOCATED PLUMBING FIXTURES. REFER TO PLUMBING FLOOR PLANS FOR POINTS OF CONNECTION.

2. WITHIN THE EXISTING BUILDING, SAWCUT AND REMOVE EXISTING FLOOR SLAB AS REQUIRED TO PROVIDE NEW AND/OR RELOCATED PLUMBING FIXTURES, CLEANOUTS, AND UNDERSLAB WASTE AND VENT PIPING. PATCH AND REFINISH FLOOR TO MATCH EXISTING.

3. IN AREAS WHERE THE FLOOR SLAB IS REMOVED, CONTRACTOR SHALL ALSO REMOVE UNDERSLAB WASTE AND VENT PIPING WHICH SERVES FIXTURES DESIGNATED FOR REMOVAL. PRIOR TO ANY REMOVAL, FIELD VERIFY THAT LINES TO BE REMOVED DO NOT SERVE ANY EXISTING FIXTURES TO REMAIN OR NEW FIXTURES TO BE INSTALLED.

4. IN AREAS WHERE THE FLOOR SLAB IS NOT REMOVED, CONTRACTOR SHALL ABANDON IN PLACE ANY UNDERSLAB WASTE AND VENT PIPING NO LONGER NEEDED, UNLESS THE PIPING MUST BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION. IF NEW WORK DOES NOT NECESSITATE THEIR REMOVAL, CUT AND PLUG SUCH LINES BELOW SLAB, AND PATCH FLOOR TO MATCH EXISTING.

5. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH, DIRECTION OF FLOW, CAPACITY, PIPE MATERIAL AND CONDITION OF EXISTING WASTE PIPING PRIOR TO BEGINNING CONSTRUCTION. ENSURE THAT PROPER CONNECTIONS TO AND EXTENSION OF SUCH UTILITIES CAN BE MADE.

6. WASTE LINES TO BE RE-USED OR RECONNECTED TO SHALL BE THOROUGHLY RODDED OUT AND FLUSHED TO ENSURE THEY ARE FREE FROM BLOCKAGES.

7. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLAB WITH COLUMN FOOTINGS, GRADE BEAMS, UNDERGROUND PLUMBING AND ELECTRICAL UTILITIES, AND OTHER SUB-SURFACE BUILDING ELEMENTS.

8. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.

9. CONTRACTOR TO COORDINATE ALL REMODEL WORK WITH THE WORK OF OTHER TRADES TO AVOID CONFLICTS AND TO MINIMIZE INTERRUPTION OF SERVICES.

10. COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST ARCHITECTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO ANY ROUGH-INS.

11. DO NOT ROUGH-IN FROM THESE DRAWINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.

12. CONTRACTOR TO FIELD VERIFY AS NECESSARY THE EXACT ROUTING AND SIZES OF ALL PIPING.

13. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.

14. THE PROPER INSTALLATION OF NEW FIXTURES AND THE PROPER CONTINUED OPERATION OF EXISTING FIXTURES TO REMAIN SHALL DETERMINE THE EXTENT AND NATURE OF PLUMBING REMODEL WORK.

15. EACH VENT SHALL TERMINATE VERTICALLY NOT LESS THAN 6" ABOVE ROOF, MAINTAIN MINIMUM 10'-0" DISTANCE BETWEEN VENT TERMINALS THROUGH ROOF AND ALL FRESH AIR INTAKES, AND A MINIMUM 5'-0" FROM ANY EXTERIOR WALL.

16. PRIOR TO BEGINNING CONSTRUCTION, COORDINATE BUILDING BACKFLOW PREVENTION REQUIREMENTS WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND PROVIDE AS DIRECTED.

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FBISD INSPIRE•EQUIP•IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

BRADLEY KALMANS
LICENSED PROFESSIONAL ENGINEER
90219
LICENSE
01/12/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: KF CHECKED BY: EH
REVISIONS:

	Date	Description
1	01/12/26	Addendum #1

100% CD
P6.01-H
PLUMBING SCHEDULES

HIGHTOWER HIGH SCHOOL

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX. 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2500-00810-00

1/13/2026 1:21:41 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Ath//HIGHTOWER_MEPT_R25.rvt

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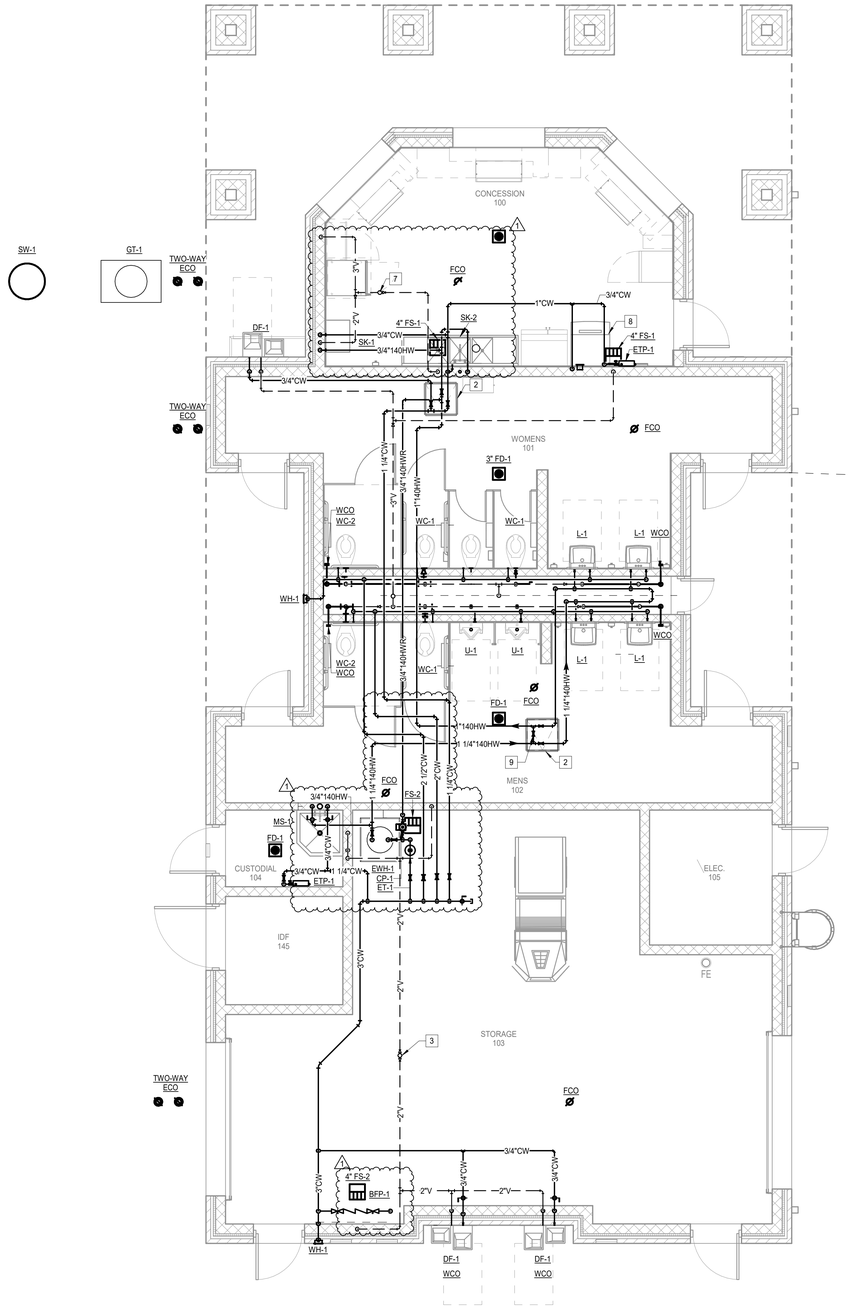
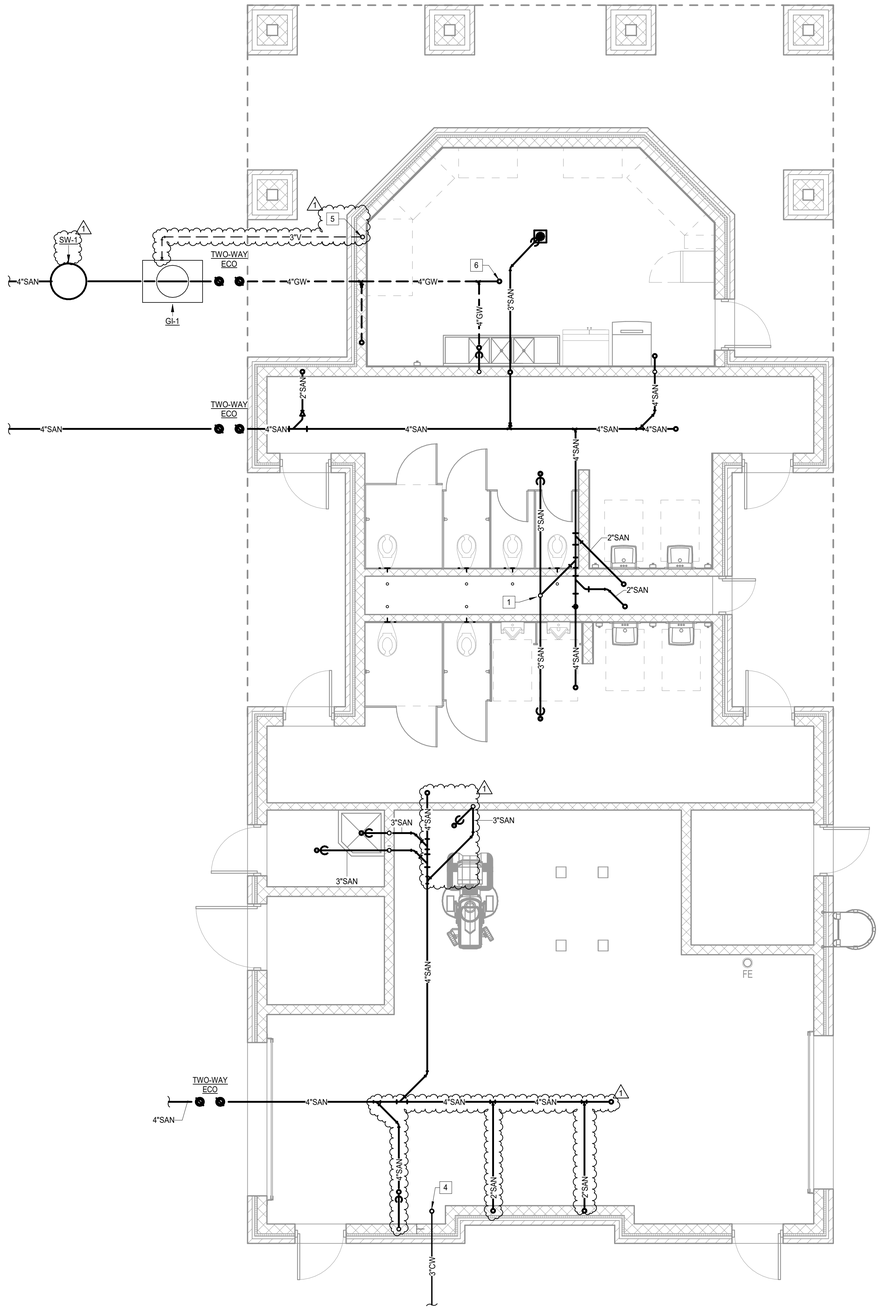
PLUMBING KEYED NOTES

1 2" VENT UP.
2 PROVIDE A 24"X24" ACCESS PANEL.
3 3" VENT UP TO 4" VTR.
4 3" CW FROM BELOW SLAB. 3" WATER ENTRY. REFER TO DETAIL 10/PS.01.
5 3" VENT UP.
6 4" GREASE WASTE FROM FLOOR CLEANOUT ABOVE.
7 3" VENT UP TO 3" VTR.
8 NEW ICE MACHINE. CONNECT CW PER MANUFACTURERS SPECIFICATION.
9 BYPASS VALVE NORMALLY CLOSED.



2 **PLUMBING FLOOR PLAN - LEVEL 1 - CONCESSIONS**
Scale: 1/4" = 1'-0"



1 **PLUMBING UNDERFLOOR PLAN - CONCESSION**
Scale: 1/4" = 1'-0"

pfluger
office: 713.222.1141 | fax: 713.222.1174
2 Greenway Plaza, Suite 460
Houston, Texas 77046
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BP012 FIELD HOUSE AND ATHLETIC RENOVATIONS

14777 Voss Rd, Sugar Land, TX 77498

KEMPNER HIGH SCHOOL

FBISD
INSPIRE • EQUIP • IMAGINE
16431 Lexington Blvd.
Sugarland, TX 77479

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
01/12/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: Author CHECKED BY: EH
REVISIONS:

No.	Date	Description
1	01/12/26	Addendum #1

100% CD

P3.02-K

PLUMBING FLOOR PLAN - CONCESSIONS

KEMPNER HIGH SCHOOL

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2550-00810-00

1/13/2026 1:19:29 PM Autodesk Docs://25-006 Fort Bend ISD - BP012 Field House & Athl/KEMPNER_MEPT_R25.rvt

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PLUMBING PIPING LEGEND

SYMBOLS	DESCRIPTION
SAN	SANITARY OR WASTE PIPING ABOVE GRADE (SAN)
SAN	SANITARY OR WASTE PIPING BELOW GRADE (SAN)
GW	GREASE WASTE PIPING (GW)
GW	GREASE WASTE PIPING BELOW GRADE (GW)
SD	STORM DRAIN PIPING (SD)
SD	STORM DRAIN PIPING BELOW GRADE (GW)
SSD	SUB-SOIL DRAIN OR FOOTING DRAIN (SSD)
AW	ACID WASTE PIPING (AW)
AW	ACID WASTE PIPING BELOW GRADE (AW)
PD	PUMPED DISCHARGE (PD)
CD	CONDENSATE DRAIN PIPING (CD)
D	CONDENSATE - INDIRECT DRAIN PIPING (D)
	VENT PIPING (V)
CW	COLD WATER PIPING (CW)
HW	HOT WATER PIPING (HW)
HWR	HOT WATER RETURN PIPING (HWR)
SCW	SOFT COLD WATER PIPING (SCW)
CDW	CHILLED DRINKING WATER PIPING (CDW)
TP	TRAP PRIMER LINE (TP)
F	FIRE PROTECTION PIPING (F)
AS	AUTOMATIC SPRINKLER PIPING (AS)
GAS	NATURAL GAS PIPING (G)
GV	GAS VENT PIPING (GV)
AIR	COMPRESSED AIR PIPING (A)
	FLOW DIRECTIONAL ARROW
	SHUT-OFF VALVE
BV	BALANCING VALVE (BV)
SV	SOLENOID VALVE (SV)
BV	BALL VALVE (BV)
	BUTTERFLY VALVE
PC	LUBRICATED PACKED PLUG STOP STOP COCK (PC)
	HORIZONTAL SWING CHECK
	UNION
	HORIZONTAL SWING CHECK
	REDUCER OR INCREASER
	ECCENTRIC REDUCER
RPBFP	REDUCED PRESSURE BACKFLOW PREVENTER (RPBFP)
	PIPING DOWN
	RISE OR DROP PIPING
	PIPING UP -OR- PIPING UP & DOWN
	CAP ON END OF PIPE
CO	CLEANOUT (WALL OR CEILING) (CO)
FCO	FLOOR CLEANOUT (FCO)
ECO	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
PRV	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
HB	HOSE BIBB
	PRESSURE GAUGE WITH COCK
	THERMOMETER
	GAS PRESSURE REGULATOR
	TEST COCK
	GAS METER
	WALL HYDRANT
	VALVE IN RISE
	ASME TEMPERATURE & PRESSURE RELIEF VALVE
	VACUUM RELIEF VALVE
	ANGLE VALVE
	OS&Y VALVE
	ROOF DRAIN
1	REFER TO KEYED NOTE
FS	FLOW SWITCH
FS	FLOOR SINK (FS)
FD	FLOOR DRAIN (FD)
FD	FLOOR DRAIN WITH P-TRAP (FD)
FD	FLOOR DRAIN WITH P-TRAP AT 45° ANGLE (FD)
HD	HUB DRAIN (HD)
	ACCESS PANEL FOR TRAP PRIMER OR SHOCK ABSORBER
AP	ACCESS PANEL LOCATION SYMBOL
A	SHOCK ABSORBER
	AIR CHAMBER
(E)	EXISTING
(N)	NEW
VTR	VENT THRU ROOF
B.F.F.	BELOW FINISHED FLOOR
A.F.F.	ABOVE FINISHED FLOOR
	NEW CONNECTION
IE=100.00'	INVERT ELEVATION
1	DELTA CHANGE SYMBOL
P 1	4" VTR RISER FLAG

PLUMBING FIXTURE SCHEDULE

TYPE: WC-1 (STANDARD HEIGHT)
DESCRIPTION: WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA WITH ANTIMICROBIAL SURFACE, 1.28 GALLON PER FLUSH SIPHON JET ACTION, ELONGATED CLOSET BOWL WITH 1- 1/2" TOP SPUD AND BOLT COVERS. AMERICAN STANDARD AFWALL #3351.101 ELONGATED OPEN FRONT SEAT WITH SELF SUSTAINING CONCEALED CHECK HINGES. REFER TO ARCHITECTURAL DRAWINGS FOR SEAT COLOR. BEMIS #1955SSCT.
SEAT:
FLUSH VALVE: 1.28 GALLON FLUSH CYCLE. EXPOSED, DIAPHRAGM TYPE, CHROME PLATED CLOSET FLUSHOMETER. VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD. SLOAN ROYAL 111-1.28.
CARRIER: WADE 311 (HORIZONTAL) AND 330 (VERTICAL) SERIES WITH 300 LB WEIGHT CAPACITY AND FLUSH VALVE SUPPORT (-AM1).
ROUGH-IN: 4" WASTE, 2" VENT, 1" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT REQUIREMENTS.

TYPE: WC-2 (T.A.S. / ADA COMPLIANT)
DESCRIPTION: WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA WITH ANTIMICROBIAL SURFACE, 1.28 GALLON PER FLUSH SIPHON JET ACTION, ELONGATED CLOSET BOWL WITH 1- 1/2" TOP SPUD AND BOLT COVERS. AMERICAN STANDARD AFWALL #3351.101 ELONGATED OPEN FRONT SEAT WITH SELF SUSTAINING CONCEALED CHECK HINGES. REFER TO ARCHITECTURAL DRAWINGS FOR SEAT COLOR. BEMIS #1955SSCT.
SEAT:
FLUSH VALVE: 1.28 GALLON FLUSH CYCLE. EXPOSED, DIAPHRAGM TYPE, CHROME PLATED CLOSET FLUSHOMETER. VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD. PROVIDE OFFSET TAILPIECE AND TRAP PRIMER CONNECTION. SLOAN ROYAL 111-1.28.
CARRIER: WADE 311 (HORIZONTAL) AND 330 (VERTICAL) SERIES WITH 300 LB WEIGHT CAPACITY AND FLUSH VALVE SUPPORT (-AM1).
ROUGH-IN: 4" WASTE, 2" VENT, 1" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT REQUIREMENTS.

TYPE: U-1 (T.A.S. COMPLIANT)
DESCRIPTION: URINAL, WALL HUNG, WHITE VITREOUS CHINA, 0.5 GALLON PER FLUSH, WASHOUT FLUSH ACTION, INTEGRAL TRAP, REMOVABLE DOMED STRAINER. AMERICAN STANDARD "WASHBROOK" 6590.001
FLUSH VALVE: 0.5 GALLON FLUSH CYCLE. EXPOSED, MANUAL TYPE, CHROME PLATED URINAL FLUSHOMETER. VACUUM BREAKER, SPUD COUPLING FOR 3/4" TOP SPUD. SLOAN ROYAL 186-0.5
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 4" SQUARE BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, UPPER AND LOWER BEARING PLATES WITH THREADED STUDS. WADE 401-AM1-M36.
ROUGH-IN: 2" WASTE, 2" VENT, 3/4" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: L-1 (T.A.S. COMPLIANT) PUBLIC/STUDENT
DESCRIPTION: LAVATORY, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARM SUPPORTS, 4" CENTERSET FAUCET HOLES. AMERICAN STANDARD LUCERNE #0355.012.
FAUCET: CHROME PLATED, VANDAL RESISTANT 0.5 GPM NON-AERATING LAMINAR FLOW OUTLET 4" SPOUT, VANDAL PROOF SINGLE PUSH BUTTON METERING, 4" CENTERS. CHICAGO #857-E2805-665PSHAB.
MIXING VALVE: POINT OF USE 1070 CERTIFIED, BRASS BODY, ADJUSTABLE TEMPERATURE CONTROL, WAX FILLED THERMOSAT AND MOUNTING BRACKET, (110 F). BRADLEY S59-4007
STRAINER: 1-1/4" 17 GAUGE CHROME PLATED BRASS GRID STRAINER WITH TAILPIECE. MCGUIRE #155A.
P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE #8872C.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE #LFH2165LK.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, THREADED CONCEALED ARMS, ALIGNMENT BAR, LOCKING DEVICE, AND LEVELING SCREWS. WADE 520-08.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" COLD AND HOT WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-1 (T.A.S. COMPLIANT) - KITCHEN HAND WASH
DESCRIPTION: HAND SINK, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARM SUPPORTS, 4" CENTERSET FAUCET HOLES. AMERICAN STANDARD LUCERNE #0355.012.
FAUCET: SINK FAUCET FOR HOT AND COLD WATER, DECK-MOUNTED WITH 4" FIXED CENTERS, CHROME PLATED. INCLUDES POPUP WASTE, RIGID/SWING GOOSENECK SPOUT, 3-1/2" CENTER-TO-CENTER. 4" METAL, VANDAL-PROOF, WRISTBLADE HANDLES WITH SIXTEEN-POINT, TAPERED BROACH AND SECURED BLUE AND RED INDEX BUTTONS. NPSM SUPPLY INLETS AND COUPLING NUT FOR 3/8" OR 1/2" FLEXIBLE RISER. COMPRESSION OPERATING CARTRIDGE(S) FOR FLOW CONTROL.
1/2" QUATURN STRAINER: 1-1/4" 17 GAUGE CHROME PLATED BRASS GRID STRAINER WITH TAILPIECE. MCGUIRE #155A.
P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8872.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 4" SQUARE BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, THREADED CONCEALED ARMS, ALIGNMENT BAR, LOCKING DEVICE, AND LEVELING SCREWS. WADE 520-08.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SK-2 - CONCESSIONS THREE COMPARTMENT SINK
DESCRIPTION: SINK, STAND-ALONE, STAINLESS-STEEL 88" X 25-13/16" X 43-3/4", 18 GAUGE THREE COMPARTMENT SINK W/ 18" LEFT AND RIGHT DRAINBOARDS AND 4 STAINLESS-STEEL LEGS. CENTER SET DRAIN, WITH 9" BACK-SPLASH AND 8" ON-CENTER FAUCET HOLES. ELKAY MODEL E3C16X20-2-18X.
FAUCET: CHROME PLATED BRASS CENTERSET WALL MOUNTED FAUCET FITTING. 12" ARC TUBE SPOUT, 6" WRIST BLADE HANDLES AND QUARTER TURN CERAMIC VALVE CARTRIDGES. ELKAY MODEL LK940AT127BH.
STRAINER: (1) ROTARY LEVER OPERATED DRAIN FITTINGS, EACH WITH STAINLESS STEEL PERFORATED GRID STRAINER AND 3-1/2" IPS DRAIN OUTLET. (3) ADVANCE TABCO K-15.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
ROUGH-IN: 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. REFER TO PLUMBING PLANS FOR LOCATION AND TYPE OF INDIRECT DRAINAGE RECEPTOR, SPECIFIED SEPARATELY.

TYPE: MS-1
DESCRIPTION: MOP SINK BASIN, 36" X 36" X 12" HIGH CORNER TYPE, PRECAST TERRAZZO WITH 6" DROPPED FRONT, STAINLESS STEEL THRESHOLD CAP, AND DOUBLE STAINLESS STEEL WALL GUARDS. STERN-WILLIAMS "CORLOW" SBC-1750.
FAUCET: CHROME PLATED BRASS WALL MOUNTED FITTING WITH CHECK IN STOPS, ADJUSTABLE SUPPLY ARMS, VACUUM BREAKER SPOUT WITH PAIL HOOK AND WALL BRACE, 2-1/2" INDEXED LEVER HANDLES ON 8" CENTERS, QUARTER TURN CARTRIDGES, 3/4" MALE HOSE THREAD OUTLET. CHICAGO 445-897-XKCP.
ROUGH-IN: 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER.

TYPE: EDF-1 (ADA COMPLIANT)
DESCRIPTION: BOTTLE FILLING STATION & BI-LEVEL HIGH EFFICIENCY VANDAL RESISTANT COOLER FILTERED REFRIGERATED STAINLESS. CHILLING CAPACITY OF 8.0 GPH OF 50°F DRINKING WATER, BASED ON 80°F INLET WATER AND 90°F AMBIENT. INCLUDE ANTIMICROBIAL, FILTERED, GREEN TICKER, HANDS FREE, HIGH EFFICIENCY, LAMINAR FLOW, REAL DRAIN, VANDAL RESISTANT, VISUAL FILTER MONITOR. ELECTRONIC BOTTLE FILLER SENSOR WITH MECHANICAL FRONT BUBBLER BUTTON ACTIVATION. ELKAY MODEL #LVRCGRNTL8WSK.
P-TRAP: 1-1/4" CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. MCGUIRE 8872.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. WADE 400.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: DF-1 (ADA COMPLIANT) 1
DESCRIPTION: WALL HUNG, BI-LEVEL DRINKING FOUNTAIN, NON-REFRIGERATED STAINLESS STEEL LAMINAR FLOW, MECHANICALLY ACTIVATED, VANDAL RESISTANT BUBBLER. MECHANICAL FRONT BUBBLER BUTTON ACTIVATION. ELKAY MODEL #LVRCGRNTL8C
P-TRAP: 1-1/4" CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. MCGUIRE 8872.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. WADE 400.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SH-1 - INDIVIDUAL SHOWER STATION
DESCRIPTION: SHOWER, JOB BUILT BASE INSTALLED PER ARCHITECTURAL DRAWINGS.
CONTROLS: PRESSURE BALANCING HOT AND COLD WATER SHOWER CONTROL VALVE WITH INTEGRAL CHECKSTOPS. STAINLESS STEEL, ALUMINUM OR CHROME PLATED BRASS ESCUTCHEON. VANDAL RESISTANT 2.5 GPM SHOWER HEAD. ACORN 532-GX-P.
DRAIN: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 5" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. SEE FD-1 FOR ADDITIONAL INFORMATION.
TRAP SEAL: PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER.
ROUGH-IN: 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: SH-2 (T.A.S. COMPLIANT) - INDIVIDUAL SHOWER STATION
DESCRIPTION: SHOWER, JOB BUILT BASE INSTALLED PER ARCHITECTURAL DRAWINGS.
CONTROLS: PRESSURE BALANCING HOT AND COLD WATER SHOWER CONTROL VALVE WITH LEVER HANDLE AND INTEGRAL CHECKSTOPS. STAINLESS STEEL, ALUMINUM OR CHROME PLATED BRASS ESCUTCHEON. 2.5 GPM HAND HELD SHOWER WITH 60" FLEXIBLE STAINLESS STEEL CLAD HOSE, VACUUM BREAKER, MOUNTING BRACKET, AND 24" SLIDE BAR. ACORN 532-GX-FX-SB-LVR.
DRAIN: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 5" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. SEE FD-1 FOR ADDITIONAL INFORMATION.
TRAP SEAL: PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER.
ROUGH-IN: 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: IMC-1
DESCRIPTION: ICE MACHINE CONNECTION, WATER SUPPLY VALVED AT WALL. PROVIDE DOUBLE CHECK VALVE TYPE BACKFLOW PREVENTER AND WATER FILTER. WATTS 1/2" 007-S BACKFLOW PREVENTER AND AQUA-PURE #ICE 140-S FILTER. ROUTE BACKFLOW PREVENTER DISCHARGE TO FLOOR SINK SERVING ICE MACHINE.
ROUGH-IN: 3/4" COLD WATER. COORDINATE ROUGH-IN LOCATION/HEIGHT, FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECTURAL/CASEWORK DRAWINGS.

TYPE: WH-1
DESCRIPTION: WALL HYDRANT IS S.S. BOX, 3/4" NON FREEZE. HALF TURN CERAMIC DISC CARTRIDGE, STAINLESS STEEL FINISH WITH ANTI SIPHON VACUUM BREAKER AND LOOSE TEE KEY. INSTALL WITH BOTTOM OF HYDRANT 18" A.F.F. WADE #8701-MT-175.
ROUGH-IN: 3/4" COLD WATER

TYPE: FD-1
SERVICE: GENERAL USE
DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 5" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. WADE 1100-MR5.
TRAP PRIMER: SERVED BY ELECTRONIC PPP PRIME-TIME TRAP PRIMER. REFER TO DETAILS.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS / FLOOR CONSTRUCTION.

TYPE: FD-2
SERVICE: MECHANICAL ROOM CONDENSATE, T&P VALVE DISCHARGE
DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 7" DIAMETER STAINLESS STEEL STRAINER WITH EXTENDED RIM AND VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. WADE 1100-ER7.
TRAP PRIMER: SERVED BY ELECTRONIC PPP PRIME-TIME TRAP PRIMER. REFER TO DETAILS.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH EQUIPMENT PLACEMENT.

TYPE: FD-3
SERVICE: KITCHEN AREA DRAIN
DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, 8" DIAMETER STAINLESS STEEL STRAINER, 6" DEEP SUMP, A.R.C. INTERIOR, A.R.C. SEDIMENT BUCKET, CLAMPING COLLAR, ALUMINUM DOME STRAINER. WADE #9010-6-26-27-85-110.
TRAP PRIMER: SERVED BY ELECTRONIC PPP PRIME-TIME TRAP PRIMER. REFER TO DETAILS.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH EQUIPMENT PLACEMENT.

TYPE: FS-1
SERVICE: ICE MACHINE DRAIN / BACKFLOW PREVENTER DISCHARGE
DESCRIPTION: CAST IRON 8" SQUARE FLOOR SINK WITH 6" DEEP SUMP, A.R.E. INTERIOR, ALUMINUM DOME BOTTOM STRAINER, 1/2 STAINLESS STEEL HALF TOP GRATE, CLAMPING DEVICE. WADE 9110-6-15-26-27-85.
TRAP PRIMER: SERVED BY ELECTRONIC TRAP PRIMER. REFER TO PLANS.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS / EQUIPMENT PLACEMENT.

TYPE: BFP-1 (2" AND SMALLER)
DESCRIPTION: BACKFLOW PREVENTER, REDUCED PRESSURE ZONE TYPE WITH TWO INLINE INDEPENDENT CHECK VALVES WITH AN INTERMEDIATE RELIEF VALVE. COMPLETE WITH TWO FULL PORTED BALL VALVE SHUT-OFFS AND BALL TYPE TEST COCKS. BRONZE STRAINER ON INLET. 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. WATTS 909-QT-S.

TYPE: BFP-2 (2 1/2" AND LARGER)
DESCRIPTION: BACKFLOW PREVENTER, REDUCED PRESSURE ZONE TYPE WITH TWO INLINE INDEPENDENT CHECK VALVES WITH AN INTERMEDIATE RELIEF VALVE. COMPLETE WITH TWO FULL PORTED BALL VALVE SHUT-OFFS AND BALL TYPE TEST COCKS. BRONZE STRAINER ON INLET. PROVIDE AIR GAP WITH DRAIN PIPE TO NEAREST FLOOR DRAIN. WATTS 909 SERIES.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. MOUNT AT 48" A.F.F. UNLESS NOTED OTHERWISE ON DRAWINGS.

TYPE: FCO
DESCRIPTION: FLOOR CLEANOUT, CAST IRON BODY AND ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ROUND SCORIATED STAINLESS STEEL COVER. WADE 6000-153. FOR CARPETED FLOORS PROVIDE WADE 6000-CM.

TYPE: ECO
DESCRIPTION: EXTERIOR CLEANOUT TO GRADE. CAST IRON BODY WITH ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ROUND SCORIATED VANDAL RESISTANT DUCTILE IRON TRACTOR TYPE COVER. IF LOCATED IN ASPHALT OR DIRT PROVIDE 18"X18"X12" CONCRETE PAD. WADE 6000-Z.

TYPE: WCO
DESCRIPTION: WALL CLEANOUT. CAST IRON CLEANOUT FERRULE WITH DUCTILE IRON COMBINED COVER/PLUG AND ROUND STAINLESS COVER PLATE WITH CENTER SECURING SCREW. WADE 8550 WITH 8480-R6. PROVIDE WADE 8560 CAST IRON CLEANOUT TEE IN LIEU OF FERRULE AS REQUIRED FOR WALL CONSTRUCTION.

GENERAL NOTES

ALL LAVATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND COLD WATER (UNLESS NOTED TO BE COLD WATER ONLY) TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SCHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH LOOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED FLEXIBLE RISERS OF SIZE REQUIRED TO PROPERLY CONNECT FIXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON (UNLESS NOTED TO BE AN ACID WASTE FIXTURE). REFER TO FIXTURE SCHEDULE FOR MINIMUM SIZES OF PLUMBING FIXTURE ROUGH-INS.

INSULATION KITS AT ALL LAVATORIES AND SINKS REQUIRED TO BE T.A.S. ACCESSIBLE (MCGUIRE OR TRUEBRO). ALL SUCH FIXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE STATE ACCESSIBILITY STANDARDS REQUIREMENTS.

INSERT TRAP GUARDS AFTER FINAL RODDING OF DRAINS. INSTALL TRAP GUARD WITH CLEAR SILICONE CAULK FOR GAS-TIGHT SEAL. FOR DRAIN RODDING AFTER INSTALLATION. INSERT SEWER TAPE THROUGH LIGHTLY GREASED 1-1/2" PVC PIPE TO PROTECT TRAP GUARD.

DISREGARD FIXTURES LISTED THAT ARE NOT ON THIS JOB.

GENERAL NOTES

1. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE AND INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.
2. THIS CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THIS CONTRACTOR SHALL NOTIFY THE ARCHITECT/ ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.

PLUMBING GENERAL NOTES

1. WITHIN THE EXISTING BUILDING, EXISTING WATER, WASTE AND VENT SERVICES ARE TO BE MODIFIED AS REQUIRED AND REUSED FOR THE INSTALLATION OF NEW AND/OR RELOCATED PLUMBING FIXTURES. REFER TO PLUMBING FLOOR PLANS FOR POINTS OF CONNECTION.
2. WITHIN THE EXISTING BUILDING, SAWCUT AND REMOVE EXISTING FLOOR SLAB AS REQUIRED TO PROVIDE NEW AND/OR RELOCATED PLUMBING FIXTURES, CLEANOUTS, AND UNDERSLAB WASTE AND VENT PIPING. PATCH AND REFINISH FLOOR TO MATCH EXISTING.
3. IN AREAS WHERE THE FLOOR SLAB IS REMOVED, CONTRACTOR SHALL ALSO REMOVE UNDERSLAB WASTE AND VENT PIPING WHICH SERVES FIXTURES DESIGNATED FOR REMOVAL PRIOR TO ANY REMOVAL, FIELD VERIFY THAT LINES TO BE REMOVED DO NOT SERVE ANY EXISTING FIXTURES TO REMAIN OR NEW FIXTURES TO BE INSTALLED.
4. IN AREAS WHERE THE FLOOR SLAB IS NOT REMOVED, CONTRACTOR SHALL ABANDON IN PLACE ANY UNDERSLAB WASTE AND VENT PIPING NO LONGER NEEDED, UNLESS THE PIPING MUST BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION. IF NEW WORK DOES NOT NECESSITATE THEIR REMOVAL, CUT AND PLUG SUCH LINES BELOW SLAB, AND PATCH FLOOR TO MATCH EXISTING.
5. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH, DIRECTION OF FLOW, CAPACITY, PIPE MATERIAL AND CONDITION OF EXISTING WASTE PIPING PRIOR TO BEGINNING CONSTRUCTION. ENSURE THAT PROPER CONNECTIONS TO AND EXTENSION OF SUCH UTILITIES CAN BE MADE.
6. WASTE LINES TO BE RE-USED OR RECONNECTED TO SHALL BE THOROUGHLY RODDED OUT AND FLUSHED TO ENSURE THEY ARE FREE FROM BLOCKAGES.
7. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLAB WITH COLUMN FOOTINGS, GRADE BEAMS, UNDERGROUND PLUMBING AND ELECTRICAL UTILITIES, AND OTHER SUB-SURFACE BUILDING ELEMENTS.
8. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.
9. CONTRACTOR TO COORDINATE ALL REMODEL WORK WITH THE WORK OF OTHER TRADES TO AVOID CONFLICTS AND TO MINIMIZE INTERRUPTION OF SERVICES.
10. COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST ARCHITECTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO ANY ROUGH-INS.
11. DO NOT ROUGH-IN FROM THESE DRAWINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
12. CONTRACTOR TO FIELD VERIFY AS NECESSARY THE EXACT ROUTING AND SIZES OF ALL PIPING.
13. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.
14. THE PROPER INSTALLATION OF NEW FIXTURES AND THE PROPER CONTINUED OPERATION OF EXISTING FIXTURES TO REMAIN SHALL DETERMINE THE EXTENT AND NATURE OF PLUMBING REMODEL WORK.
15. EACH VENT SHALL TERMINATE VERTICALLY NOT LESS THAN 6" ABOVE ROOF, MAINTAIN MINIMUM 10'-0" DISTANCE BETWEEN VENT TERMINALS THROUGH ROOF AND ALL FRESH AIR INTAKES, AND A MINIMUM 5'-0" FROM ANY EXTERIOR WALL.
16. PRIOR TO BEGINNING CONSTRUCTION, COORDINATE BUILDING BACKFLOW PREVENTION REQUIREMENTS WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND PROVIDE AS DIRECTED.

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BRADLEY KALMANS — LICENSED PROFESSIONAL ENGINEER — 80219 — LICENSED — 01/12/2026

PROJECT NO. 25-006
DATE: 12/04/2025
DRAWN BY: KF CHECKED BY: EH
REVISIONS:

	Date	Description
1	01/12/26	Addendum #1

100% CD
P5.01-K
PLUMBING SCHEDULES-K
KEMPNER HIGH SCHOOL

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2550-00810-00

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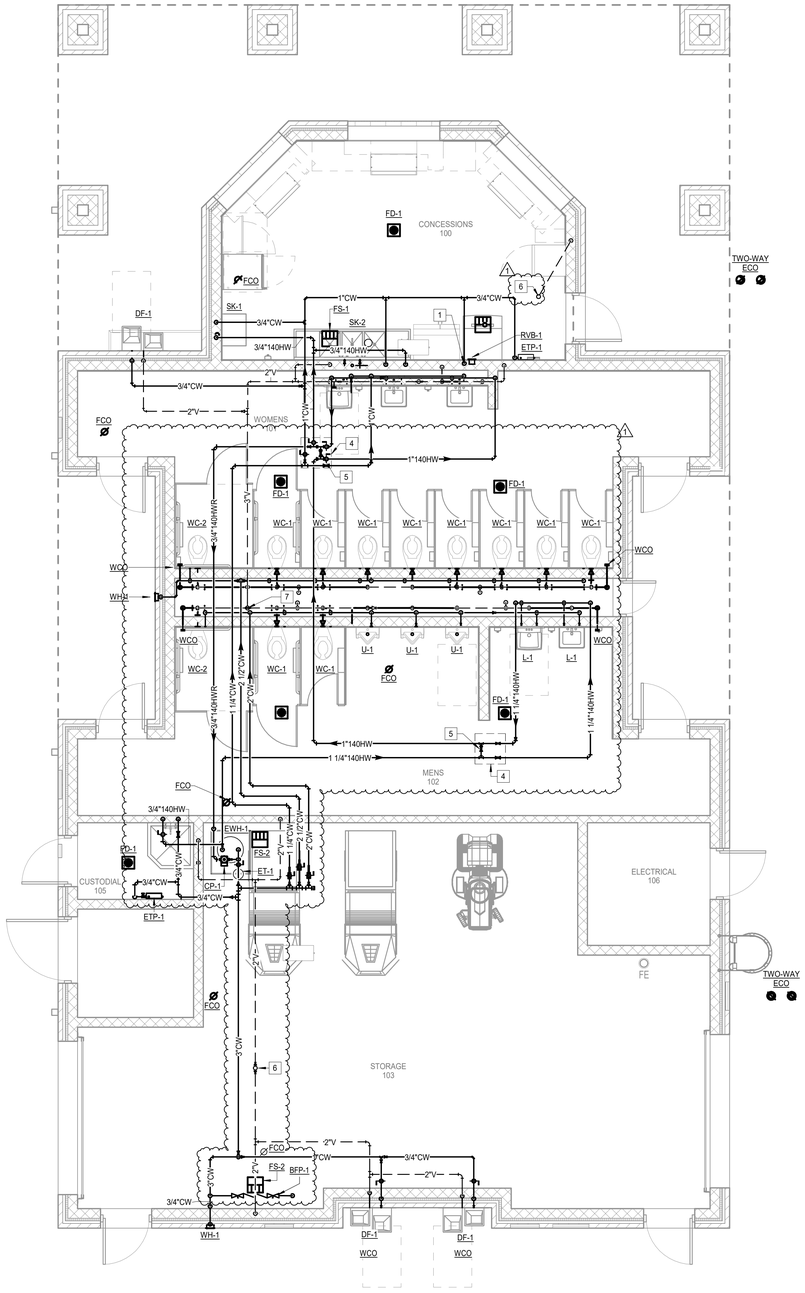
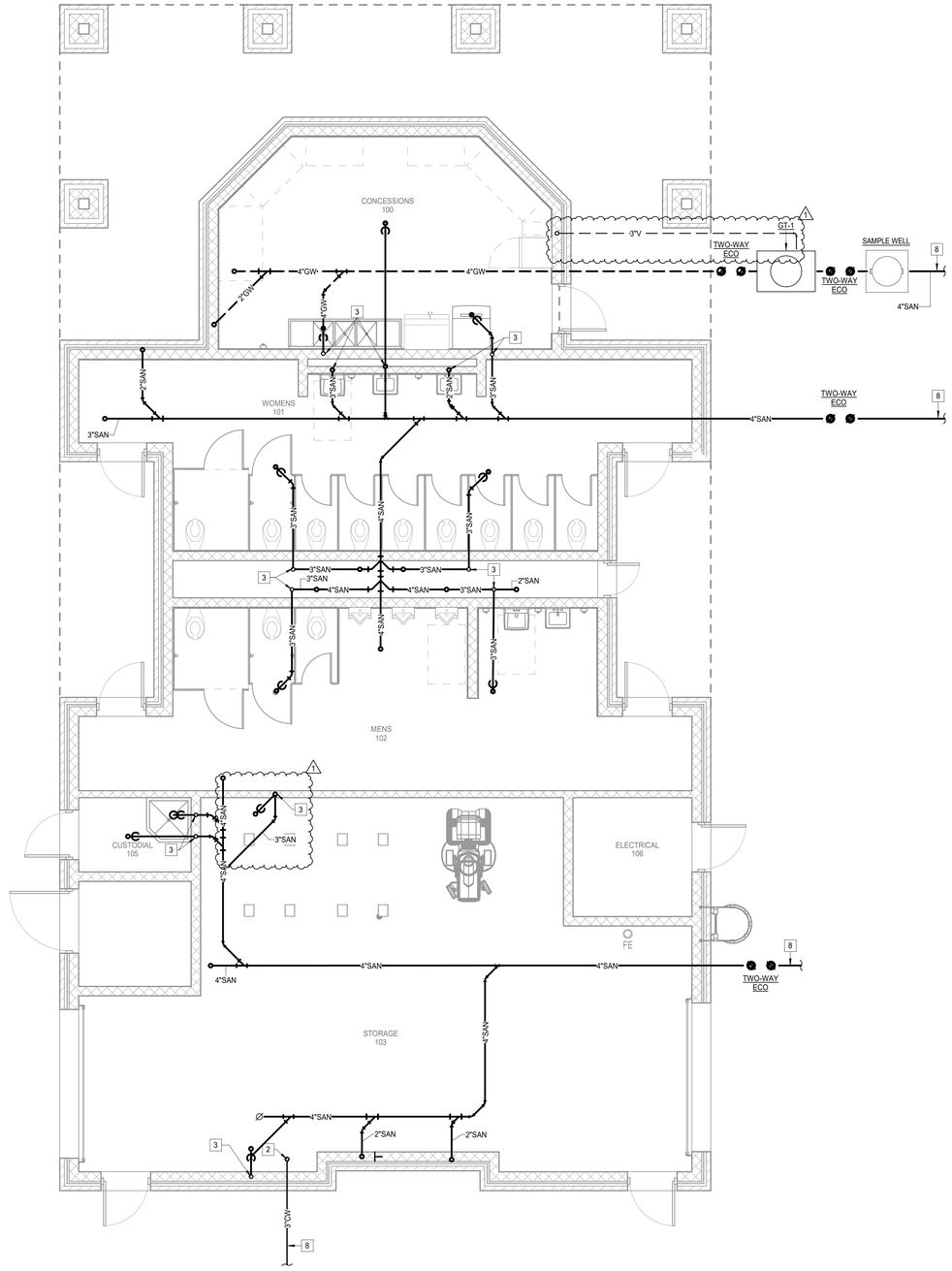
PLUMBING KEYED NOTES

1 NEW ICE MACHINE. CONNECT CW PER MANUFACTURERS SPECIFICATION.
2 3" CW FROM BELOW SLAB. 3" WATER ENTRY. REFER TO DETAIL #/P###.
3 2" VENT UP.
4 PROVIDE A 24"X24" ACCESS PANEL.
5 BYPASS VALVE NORMALLY CLOSED.
6 3" VENT UP TO 4" VTR.
7 4" VENT UP TO 4" VTR.
8 REFER TO SHEET P1.00-M FOR CONTINUATION.



2 **PLUMBING FLOOR PLAN - LEVEL 1 CONCESSION**
Scale: 1/4" = 1'-0"



1 **PLUMBING UNDERFLOOR PLAN - CONCESSIONS**
Scale: 1/4" = 1'-0"

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80219
LICENSED
PROFESSIONAL ENGINEER
01/12/2026

PROJECT NO. 25-006
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DRAWN BY: KF CHECKED BY: EH
REVISIONS:

No.	Date	Description
1	01/12/26	Addendum #1

100% CD

P2.04-M
PLUMBING FLOOR PLAN - CONCESSION

MARSHALL HIGH SCHOOL

Salas O'Brien
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Houston, TX. 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2550-00810-00

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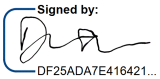
Doris Emeka Onyenwe doris.emekaonyenwe@fortbendisd.gov Security Level: Email, Account Authentication (None)	Signed by:  DF25ADA7E416421... Signature Adoption: Drawn on Device Using IP Address: 161.51.248.96	Sent: 1/22/2026 2:37:43 PM Viewed: 1/22/2026 2:39:07 PM Signed: 1/22/2026 2:44:16 PM
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