

Project No. 2021\_154

MIDLOTHIAN ISD STADIUM ADDITIONS AND RENOVATIONS

FOR

MIDLOTHIAN ISD

ADDENDUM NO. 2

DATE: October 18, 2021

GENERAL: The following changes, additions or deletions for the above project shall be made to the Contract Documents; all other Conditions shall remain the same. Note: the additions, deletions or changes listed in this Addendum may affect more than the specific instance(s) mentioned. Coordination may be necessary to fully revise cases of duplicate information. The Addendum supersedes current conditions shown. Acknowledge receipt of this Addendum. This addendum forms a part of the Contract Documents and modifies them as follows:

DRAWINGS

- A2.1 SHEET G-001 – TITLE SHEET:  
REMOVE and REPLACE in its entirety.
- A2.2 SHEET C1.05 – SITE, DCP & PAVING PLAN:  
REMOVE and REPLACE in its entirety.  
a. ADDED exterior mechanical unit location and fenced area around units.
- A2.3 SHEET C1.06 – GRADING PLAN:  
REMOVE and REPLACE in its entirety.  
a. ADDED exterior mechanical unit location and fenced area around units.
- A2.4 SHEET C1.07 – STORM DRAIN PLAN:  
REMOVE and REPLACE in its entirety.  
a. ADDED exterior mechanical unit location and fenced area around units.
- A2.5 SHEET C1.08 – WATER & SANITARY SEWER PLAN:  
REMOVE and REPLACE in its entirety.  
a. ADDED exterior mechanical unit location and fenced area around units.



- A2.6 SHEET AD-101 – DEMOLITION CEILING PLAN:  
REMOVE and REPLACE in its entirety.  
a. Control Room 120 MOVED its location, so our demo MOVED as well to the other side of existing elevator.
- A2.7 SHEET AD-102 DEMOLITION PLANS:  
REMOVE and REPLACE in its entirety.  
a. REMOVED upper- and lower-case work in existing tape room in field house.
- A2.8 SHEET AS-101 – ARCHITECTURAL SITE PLAN:  
REMOVE and REPLACE in its entirety.  
a. ADDED concrete drive area for golf cart at east elevation.  
b. ADDED exterior mechanical unit location and fenced area around units.
- A2.9 SHEET AS-102 – ENLARGED SITE PLAN:  
REMOVE and REPLACE in its entirety.  
a. ADDED concrete drive area for golf cart at east elevation.  
b. ADDED exterior mechanical unit location and fenced area around units
- A2.10 SHEET A-103 – PRESSBOX FLOOR PLAN:  
REMOVE and REPLACE in its entirety.  
a. Control Room 120 MOVED entirely to the other side of existing elevator. Door 121 will be installed in existing fire rated stair well.  
b. DEMOLISH existing CMU wall area 3'-0" X 7'-4" to install new door.
- A2.11 SHEET A-113 – PRESSBOX RCP:  
REMOVE and REPLACE in its entirety.  
a. Control Room 120 ceiling MOVED entirely to the other side of existing elevator.
- A2.12 SHEET A-202 – BUILDING ELEVATIONS:  
REMOVE and REPLACE in its entirety.  
a. REMOVE steel tie backs  
b. ADDED storm louvers on exterior wall for air intake and exhaust air regarding mechanical equipment.
- A2.13 SHEET A-303 – WALL SECTIONS:  
REMOVE and REPLACE in its entirety.  
a. REMOVE steel tie backs
- A2.14 SHEET A-402 ENLARGED PLANS, INTERIOR ELEVATION, CASEWORK DETAILS:  
REMOVE and REPLACE in its entirety.  
a. ADDED detail for metal cove base and outside corner edge from Schluter.  
b. ADDED upper casework detail at breakroom and existing field house.
- A2.15 SHEET A-403 – INTERIOR DETAILS:  
REMOVE and REPLACE in its entirety.  
a. ADDED upper case work and metal cove edge base/outside corner details.



A2.16 SHEET A-501- EXTERIOR DETAILS:

REMOVE and REPLACE in its entirety.

- a. REVISED structural tube beam to correct location per structural.

A2.17 SHEET S-201 – FOUNDATION & ROOF FRAMING PLAN:

REMOVE and REPLACE in its entirety.

- a. 5/ S-201 Compressible filler at building REMOVED
- b. Drilled Pier Notes UPDATED for Alternates

A2.18 SHEET S-201A – FOUNDATION & ROOF FRAMING PLAN ALTERNATE BID #6:

REMOVE and REPLACE in its entirety.

- a. 1/ S-201A Detail Reference UPDATED
- b. 4/ S-201A Compressible filler at building REMOVED
- c. 7/ S-201A UPDATED Reinforcement, Fixed graphics
- d. Footing Schedule Reinforcement UPDATED

A2.19 SHEET S-202 - CANOPY FRAMING PLAN & VERTICLE BRACES:

REMOVE and REPLACE in its entirety.

- a. 1/ S-202 Graphics UPDATED
- b. 3/ S-202 Text note ADDED for deck slope
- c. 5,6,7/ S-202 Vertical Brace Forces UPDATED

A2.20 SHEET M-101 – FLOOR PLAN – ATHLETIC OFFICE – HVAC:

REMOVE and REPLACE in its entirety.

- a. REVISED 'Notes By Symbol' and added thermostat controls in couple of locations as shown on attached drawing.

A2.21 SHEET M-201 – FLOOR PLAN – ATHLETIC OFFICE – HVAC PIPING:

REMOVE and REPLACE in its entirety.

- a. REVISED refrigerant piping and ADDED key notes for additional CLARIFICATION as shown on attached drawing.

A2.22 SHEET M-301 – ENLARGED PLAN – MECHANICAL ROOM – HVAC:

REMOVE and REPLACE in its entirety.

- a. Extended the enlarged plan view to show the the layers of ductwork in Lockers area and also ADDED key notes for additional CLARIFICATION.

A2.23 SHEET M-501 – MECHANICAL SCHEDULES:

REMOVE and REPLACE in its entirety.

- a. REVISED Mechanical Legend and ADDED PTAC unit schedule for CONTROL ROOM.



- A2.24 SHEET MD-102 – DEMOLITION FLOOR PLAN – CONCESSIONS – HVAC (ALTERNATE):  
REMOVE and REPLACE in its entirety.
- a. REVISED General Mechanical Demolition Notes and Notes by Symbol as shown on attached drawing.
- A2.25 SHEET MD-123 – DEMOLITION FLOOR PLAN – PRESS BOX – HVAC:  
REMOVE and REPLACE in its entirety.
- a. REVISED General Mechanical Demolition Notes and Notes by Symbol as shown on attached drawing.
- A2.26 SHEET MPE-102 – SITE PLAN – MPE:  
REMOVE and REPLACE in its entirety.
- a. Refer to attached drawing storm drain REVISIONS at stadium seating and Athletic Office.
  - b. Refer to attached drawing for RELOCATION of existing electrical feeder to concession building which conflicted with new athletic office building footprint.
- A2.27 SHEET MPE-104 – ROOF PLAN – PRESS BOX – MPE:  
REMOVE and REPLACE in its entirety.
- a. ADDED keynote 4 under Notes By Symbol for additional CLARIFICATION.
- A2.28 SHEET MPE-105 – ROOF PLAN – CONCESSIONS – MPE (ALTERNATE):  
REMOVE and REPLACE in its entirety.
- a. REVISED 'General Mechanical Roof Notes' and 'Notes by Symbol' as shown on attached drawing.
- A2.29 SHEET DMPE-100 – ROOF PLAN– DEMOLITION CONCESSIONS – MPE (ALTERNATE):  
REMOVE and REPLACE in its entirety.
- a. REVISED the sheet number to DMP100 in lieu of DMPE 001.
  - b. REVISED 'General Roof Demolition Notes' and 'Notes By Symbol' for additional CLARIFICATION.
- A2.30 SHEET M-102 – FLOOR PLAN – CONCESSIONS – HVAC (ALTERNATE):  
REMOVE and REPLACE in its entirety.
- a. Revised HVAC exhaust grilles tags to clarify the scope of work in each concessions building.
  - b. Revised Exhaust fan schedule and 'Notes by Symbol' as shown on the attached drawing.
- A2.31 SHEET M-113 – FLOOR PLAN – PRESS BOX – HVAC:  
ADDED this sheet in its entirety.
- A2.32 SHEET M-302 – MECHANICAL ROOM SECTIONS – HVAC:  
ADD in its entirety
- a. ADDED this sheet in its entirety for mechanical room section that were previously shown on M-301.



- A2.33 SHEET P-101 – UNDERFLOOR PLAN – ATHLETIC OFFICE – PLUMBING:  
REMOVE and REPLACE in its entirety.  
a. Refer to attached drawing storm drain & sewer revisions at Athletic Office.
- A2.34 SHEET – P-102 – UNDERFLOOR PLANS – CONCESSIONS - PLUMBING  
ADD in its entirety.  
a. Refer to attached new drawing for ADDED plumbing fixtures at concessions.
- A2.35 SHEET P-201 – FLOOR PLAN – ATHLETIC OFFICE – PLUMBING:  
REMOVE and REPLACE in its entirety.  
a. Refer to attached drawing storm drain & sewer REVISIONS at Athletic Office.
- A2.36 SHEET P-202 – FLOOR PLANS – CONCESSIONS – PLUMBING:  
ADD in its entirety.  
a. Refer to attached NEW drawing for ADDED plumbing fixtures at concessions.
- A2.37 SHEET E-101 – FLOOR PLAN – LEVEL ONE – ATHLETIC OFFICE – POWER:  
REMOVE and REPLACE in its entirety.  
a. Refer to attached drawing for updated locations for disconnects feeding new mechanical equipment.
- A2.38 SHEET E-103 – FLOOR PLAN – PRESS BOX – POWER:  
ADD in its entirety.  
a. Refer to attached NEW drawing for ADDED/MODIFIED power to the porch level and lower level of the Press Box.
- A2.39 SHEET E-201 – FLOOR PLAN – LEVEL 1 – ATHLETIC OFFICE – LIGHTING:  
REMOVE and REPLACE in its entirety.  
a. Refer to attached drawing for MODIFIED lighting control layout.
- A2.40 SHEET E-223 FLOOR PLAN – LEVEL 3 – PRESS BOX – LIGHTING:  
REMOVE and REPLACE in its entirety.  
a. Refer to attached drawing for MODIFIED lighting layout.
- A2.41 SHEET E-701 – ELECTRICAL RISERS AND SCHEDULES:  
REMOVE and REPLACE in its entirety.  
a. Refer to attached for modified electrical schedules.



## Attachments:

### Architectural:

G001, AD101, AD102, AS101, AS102, A103, A113, A202, A303, A402, A403, A501, 12 sheets

### Civil – TNP, Inc.:

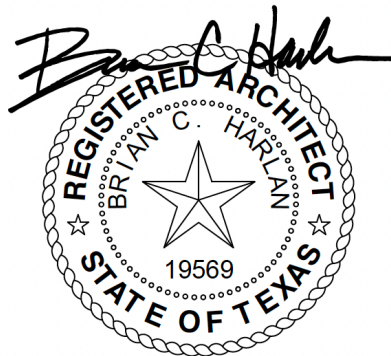
C1.05, C1.06, C,107 & C.108, 4 sheets

### Structural – Alpha Consulting Engineers:

S201, S201A & S202, 3 sheets

### MPE – RWB Consulting Engineers:

M-101, M-201, M-301, M-501, MD-102, MD-123, MPE -102, MPE-104, MPE-105, DMPE-100, M-102, M-113, M-302, P-101, P-102, P-201, P202, E-101, E-103, E-201, E-223, E-701, 22 sheets



10/18/2021



# MIDLOTHIAN ISD STADIUM ADDITIONS AND RENOVATIONS CONSTRUCTION DOCUMENTS



## CONSULTANT INFO

### Civil - TNP INC.

5237 N. Riverside Drive, Suite 100  
Fort Worth, Texas 76137  
Philip Varughese  
pvarughese@tnpinc.com  
Office: (817) 336-5773  
Cell: (817) 723-9127

### Structural - ALPHA CONSULTING ENGINEERS

4975 Preston Park Blvd, Suite 640W  
Plano, Texas 75093  
Thomas Cambell  
thomas@alphaconsultingengineers.com  
Office: (469) 209-0762  
Cell: (214) 769-1151

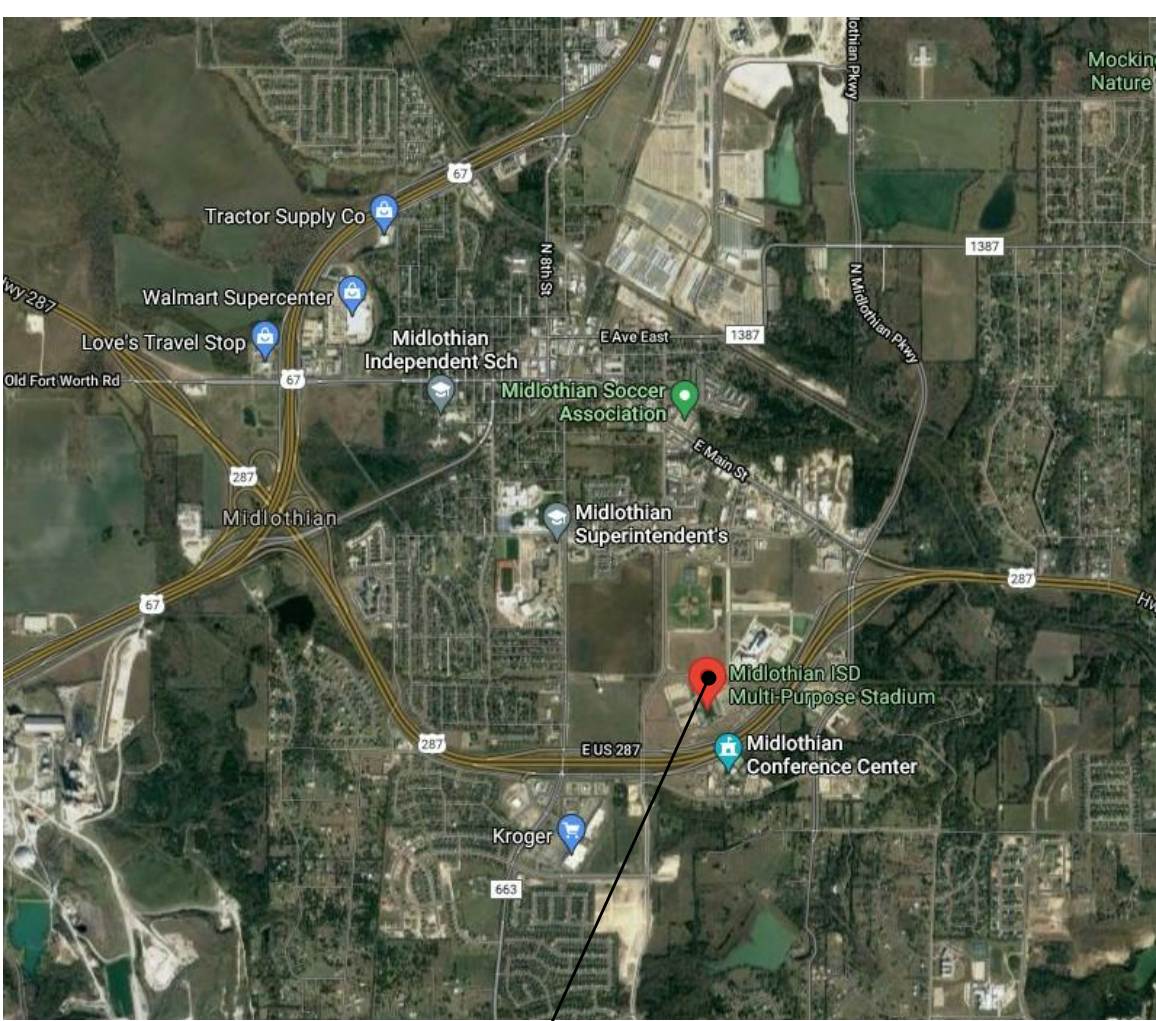
### MEP - RWB CONSULTING ENGINEERS

12001 N. Central Expressway, Suite 1100  
DALLAS, TX 75243  
Nathan Hart  
nhart@rwb.net  
Office: (972) 788-4222  
Fax: (972) 788-0002

### Technology - EMA Engineering & Consulting

328 S. Broadway Avenue  
TYLER, TX 75702  
Jason Cox  
jcox@emaengineer.com  
Office: (800) 933-0538

## VICINITY MAP



MIDLOTHIAN ISD Multi-Purpose Stadium  
1800 S 14th St  
Midlothian, TX 76065

## SHEET INDEX

### general

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
G-001	TITLE SHEET	10/07/2021	1	10.18.2021
G-002	PROJECT INFORMATION	10/07/2021		
G-003	CODE AND PROJECT INFORMATION	10/07/2021		
G-004	SITE CODE PLAN	10/07/2021		
G-006	WALL TYPES	10/07/2021		
G-010	TAS DETAILS	10/07/2021		
G-011	TAS DETAILS	10/07/2021		

### civil

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
C1.01	EXISTING TOPOGRAPHY PLAN	10/07/2021		
C1.02	EXISTING UTILITY PLAN	10/07/2021		
C1.03	EXISTING PLAT	10/07/2021		
C1.04	DEMOLITION PLAN	10/07/2021		
C1.05	SITE, DCP, & PAVING PLAN	10/07/2021		
C1.06	GRADING PLAN	10/07/2021		
C1.07	STORM DRAIN PLAN	10/07/2021		
C1.08	WATER & SANITARY SEWER PLAN	10/07/2021		
C1.09	EROSION CONTROL PLAN	10/07/2021		
C1.10	SITE & PAVING DETAILS	10/07/2021		
C1.11	UTILITY PLANS	10/07/2021		
L1.01	LANDSCAPE PLAN	10/07/2021		

### architectural

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
AD101	DEMOLITION CEILING PLANS	10/07/2021	1	10.18.2021
AD102	DEMOLITION PLANS	10/07/2021	1	10.18.2021
AD103	DEMOLITION SITE PLAN	10/07/2021		
AD104	DEMOLITION PLAN - ALTERNATE BID #2	10/07/2021		
AS-101	ARCHITECTURAL SITE PLAN	10/07/2021	1	10.18.2021
AS-102	ENLARGED SITE PLAN	10/07/2021	1	10.18.2021
AS-103	ALTERNATE BID #1 SITE PLAN	10/07/2021		
AS-104	ALTERNATE BID #2 - SITE PLAN	10/07/2021		
AS-105	ALTERNATE BID #2 - STADIUM BLEACHERS	10/07/2021		
A-101	ATHLETIC OFFICE FLOOR PLAN & RCP	10/07/2021		
A-102	CONCESSION FLOOR PLAN-ALT BID #2	10/07/2021		
A-103	PRESSBOX FLOOR PLAN	10/07/2021	1	10.18.2021
A-104	FIELD HOUSE FLOOR PLAN & RCP	10/07/2021		
A-112	CONCESSION RCP	10/07/2021		
A-113	PRESS BOX RCP	10/07/2021	1	10.18.2021
A-121	ROOF PLAN	10/07/2021		
A-201	EXISTING BUILDING ELEVATIONS	10/07/2021		
A-202	BUILDING ELEVATIONS	10/07/2021	1	10.18.2021
A-301	BUILDING SECTIONS	10/07/2021		
A-303	WALL SECTIONS	10/07/2021	1	10.18.2021
A-402	ENLARGED PLANS, INTERIOR ELEVATION, CASEWORK DETAILS	10/07/2021	1	10.18.2021
A-403	INTERIOR DETAILS	10/07/2021	1	10.18.2021
A-404	ENLARGED PLANS, INT. ELEV.-ALT BID #2	10/07/2021		
A-501	EXTERIOR DETAILS	10/07/2021	1	10.18.2021
A-601	DOOR WINDOW SCHEDULE ELEVATION	10/07/2021		
A-701	FLOOR FINISH PLAN	10/07/2021		
A-702	CONCESSION FINISH PLAN-ALT BID #2	10/07/2021		

### structure

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
S-101	STRUCTURAL NOTES			
S-102	SPECIAL INSPECTIONS			
S-103	PERSPECTIVES			
S-200	OVERALL PLAN			
S-201	FOUNDATION & ROOF FRAMING PLAN			
S-201A	FOUNDATION & ROOF FRAMING PLAN ALTERNATE BID #6			
S-202	CANOPY FRAMING PLAN & VERTICAL BRACES			
S-301	TYPICAL CONCRETE DETAILS	10/07/2021		
S-501	TYPICAL STEEL DETAILS	10/07/2021		
S-601	CONCRETE REPAIR - ALTERNATE BID #1			
S-602	CONCRETE REPAIR PHOTOS			
S-603	CONCRETE REPAIR PHOTOS			

### mechanical

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
DMPE-100	ROOF PLAN-DEMOLITION CONCESSION (ALTERNATE) - MPE	10/07/2021		
M-101	FLOOR PLAN - LEVEL 1 - ATHLETIC OFFICE - HVAC	10/07/2021	1	10.18.2021
M-123	FLOOR PLAN - PRESS BOX - HVAC	10/07/2021		
M-201	FLOOR PLAN - LEVEL 1 - ATHLETIC OFFICE - HVAC	10/07/2021		
M-301	ENLARGED PLAN - MECH ROOM - HVAC	10/07/2021	1	10.18.2021
M-401	MECHANICAL DETAILS	10/07/2021		
M-402	MECHANICAL DETAILS	10/07/2021		
M-501	MECHANICAL SCHEDULES	10/07/2021		
MD-102	DEMOLITION FLOOR PLAN - CONCESSION - HVAC	10/07/2021	1	10.18.2021
MD-123	DEMOLITION FLOOR PLANS - PRESS BOX - HVAC	10/07/2021		
MPE-102	SITE PLAN - MPE	10/07/2021	1	10.18.2021
MPE-104	ROOF PLAN - PRESS BOX - MPE	10/07/2021	1	10.18.2021
MPE-105	ROOF PLAN - CONCESSION (ALTERNATE) - MPE	10/07/2021		
DMPE-103	ROOF PLAN - ATHLETIC OFFICE - MPE	10/07/2021		
DMPE-001	ROOF PLAN - DEMOLITION CONCESSION (ALTERNATE) - MPE	10/07/2021		
M-102	FLOOR PLAN - CONCESSIONS HVAC (ALTERNATE)	10/07/2021		
M-113	FLOOR PLAN - PRESSBOX HVAC	10/07/2021	1	10.18.2021
M-302	MECHANICAL ROOM SECTIONS HVAC	10/07/2021	1	10.18.2021

### fire protection

SHEET#	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
FP-101	ATHLETIC OFFICE - FIRE PROTECTION	10/07/2021		

### plumbing

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
P-200	PLUMBING LEGENDS, SCHEDULES & GENERAL NOTES	10/07/2021		
P-101	UNDERFLOOR PLAN - ATHLETIC OFFICE - PLUMBING	10/07/2021	1	10.18.2021
P-102	UNDERFLOOR PLAN-CONCESSIONS RESTROOMS-PLUMBING	10/07/2021	1	10.18.2021
P-201	FLOOR PLAN - ATHLETIC OFFICE - PLUMBING	10/07/2021	1	10.18.2021
P-202	FLOOR PLAN - CONCESSIONS PLUMBING	10/07/2021	1	10.18.2021
P-301	PLUMBING DETAILS	10/07/2021		

### electrical

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
E-000	ELECTRICAL GENERAL NOTES & LEGEND	10/07/2021		
E-101	FLOOR PLAN - LEVEL 1 - ATHLETIC OFFICE - POWER	10/07/2021		
E-103	FLOOR PLAN-PRESSBOX POWER	10/07/2021	1	10.18.2021
E-201	FLOOR PLAN - LEVEL 1 - ATHLETIC OFFICE - LIGHTING	10/07/2021	1	10.18.2021
E-202	FLOOR PLAN - CONCESSION - LIGHTING	10/07/2021		
E-203	FLOOR PLAN - LEVEL 1 - PRESS BOX - LIGHTING	10/07/2021		
E-213	FLOOR PLAN - LEVEL 2 - PRESS BOX - LIGHTING	10/07/2021		
E-223	FLOOR PLAN - LEVEL 3 - PRESS BOX - LIGHTING	10/07/2021	1	10.18.2021
E-233	FLOOR PLAN - LEVEL 4 - PRESS BOX - LIGHTING	10/07/2021		
E-301	FLOOR PLAN - LEVEL 1 - ATHLETIC OFFICE - AUXILIARY SYSTEMS	10/07/2021		
E-701	ELECTRICAL RISER & SCHEDULES	10/07/2021		
E-702	ELECTRICAL DETAILS	10/07/2021		
-ED-102	DEMOLITION PLANS - ELECTRICAL	10/07/2021		

### technology

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
ET1.0	ELECTRICAL COMMUNICATIONS SITE PLAN	10/07/2021		
ET1.1	ELECTRICAL COMMUNICATIONS FLOOR PLAN - ATHLETICS OFFICE	10/07/2021		

## MIDLOTHIAN ISD STADIUM ADDITIONS AND RENOVATIONS 1800 S 14 ST. MIDLOTHIAN, TX 76065

CLIENT CONTACT  
Midlothian ISD  
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Midlothian, TX 76065

468-856-5000 T rola.fadel@msid.g

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OWP PROJECT NO. DATE OF ISSUE

2021-154-00 10.07.2021

DELTA	DESCRIPTION	DATE
1	ADDENDUM 2	10.18.2021

PROJECT TEAM DRAWN BY  
ED TEXAS EA

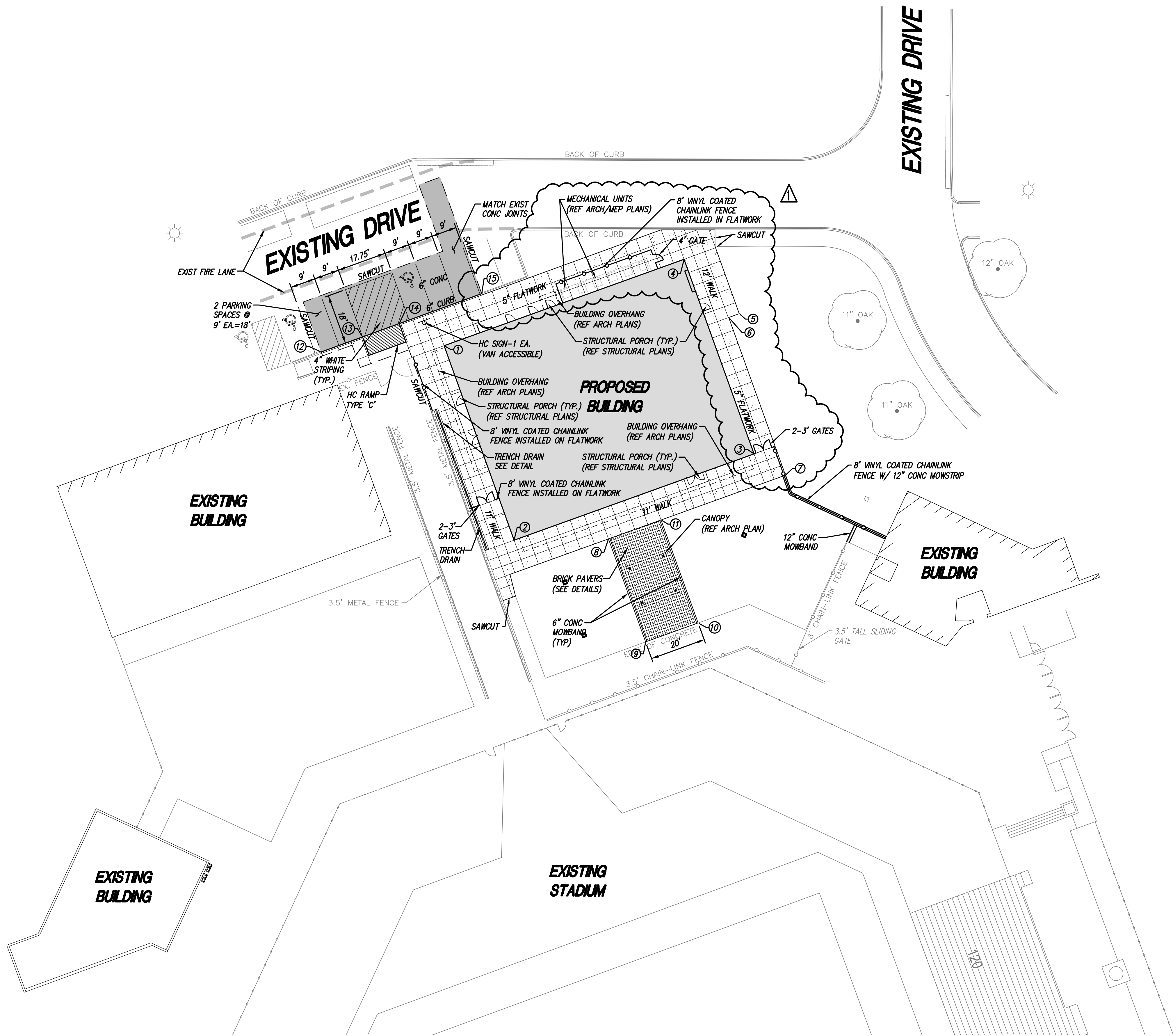
PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
TITLE SHEET

SHEET NO.

G-001



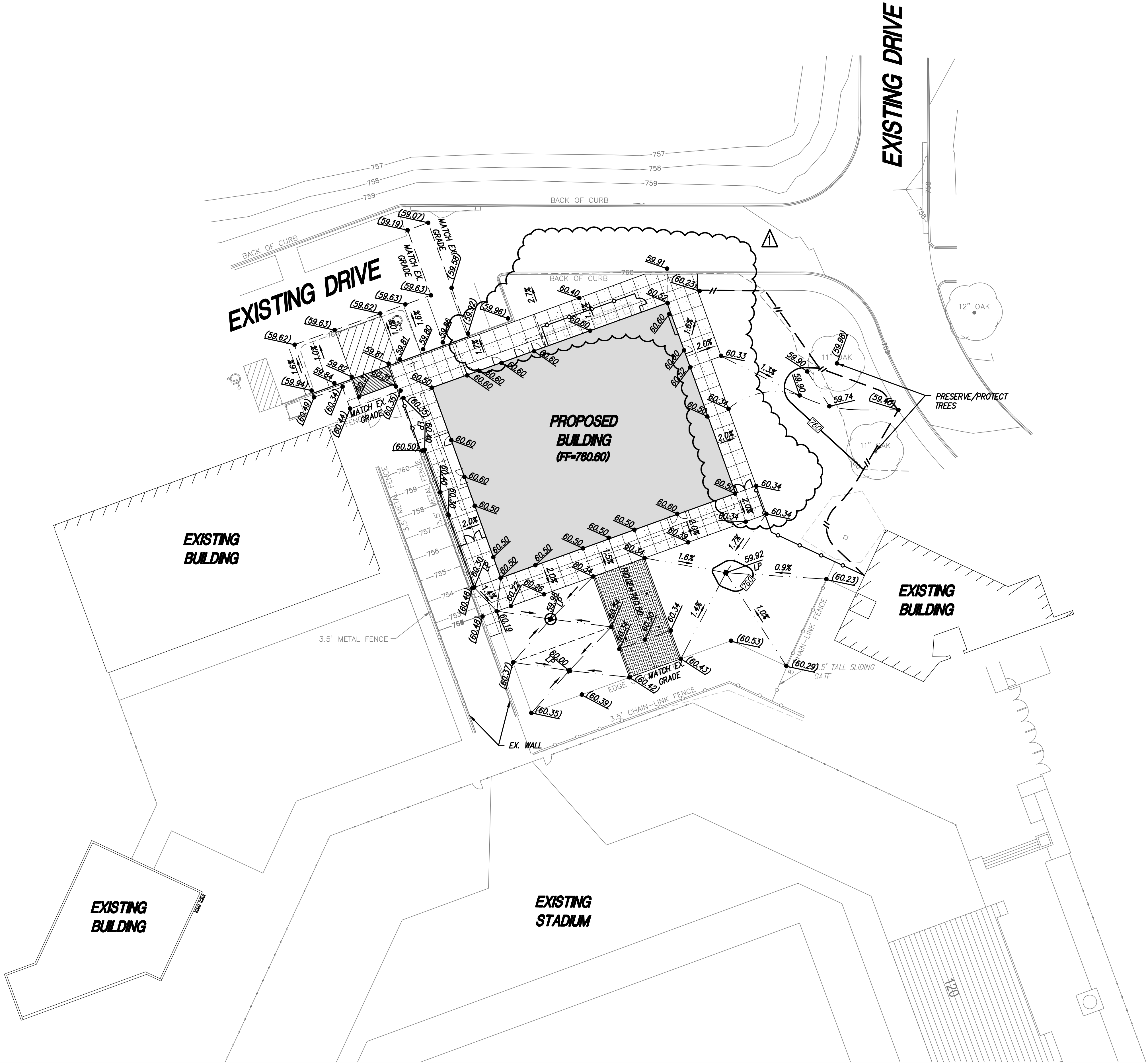




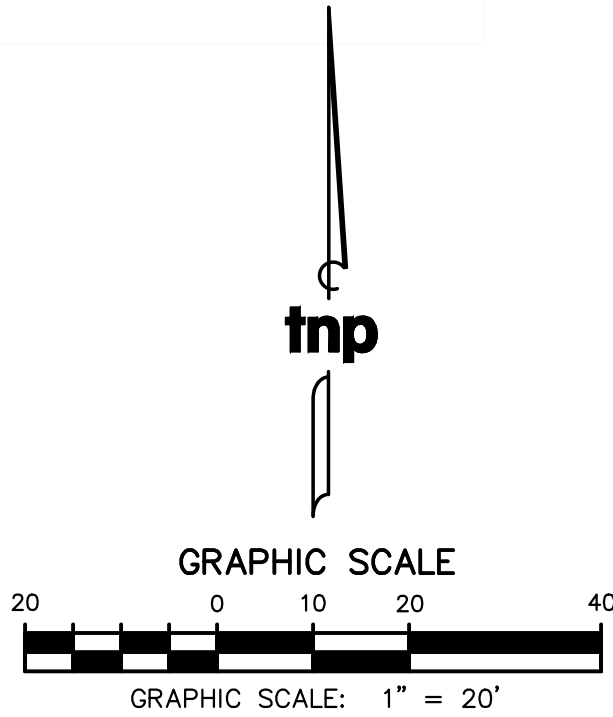
GRADING NOTES:

1. THE GRADING OF THE DIFFERENT AREAS SHOWN ON THE SITE SHALL BE COMPACTED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS WHICH SHALL BE CONSIDERED AS PART OF THESE DRAWINGS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING TO THE SUBGRADE OF ALL PAVED AREAS TO ALLOW FOR THE PAVEMENT SECTIONS. CONTRACTOR SHALL GRADE AND COMPACT ALL AREAS UNDER PAVEMENT TO ALLOW FOR THE RESPECTIVE PAVING SECTIONS AND SHALL MAINTAIN THESE FINISHED GRADES AS SHOWN UNTIL FINAL ACCEPTANCE.
3. CONTRACTOR IS REQUIRED TO INSTALL AND MAINTAIN EROSION CONTROL AT ALL TIMES THROUGHOUT THE PROJECT.
4. THE SPREADING AND COMPACTION OF ANY WASTE OR EXCESS MATERIAL NOT SUITABLE FOR FILLING, SUCH AS LARGE ROCK, CONCRETE, TREES, TRASH AND VEGETATION, SHALL BE DISPOSED OFFSITE AT THE CONTRACTOR'S EXPENSE ONLY IN THOSE AREAS APPROVED FOR DISPOSING OF WASTE MATERIAL. THE CONTRACTOR SHALL NOT DISPOSE OF ANY WASTE MATERIAL ON ADJACENT PROPERTY OWNERS' OR OTHER AREAS WHICH ARE NOT LEGALLY ACCEPTED BY THE CITY. NO BURNING OF ANY MATERIAL AT ANY TIME SHALL BE ALLOWED ON THIS SITE UNLESS PERMITTED BY CITY ORDINANCES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SAFETY LAWS IN ACCORDANCE WITH THE CITY, STATE AND FEDERAL LAWS WHICH GOVERN CONSTRUCTION.
6. ALL AREAS TO BE FILLED SHALL BE FILLED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS. ALL VEGETATION, TREES, ROCKS AND OBJECTIONABLE MATERIALS SHALL BE REMOVED BY THE CONTRACTOR FROM THE SURFACE OF WHICH THE FILL IS PLACED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE, SPREAD, WATER AND COMPACT THE FILL IN STRICT ACCORDANCE WITH THE SPECIFICATIONS FOR THIS PROJECT.
7. ALL DRIVE, PARKING AREAS, CUT AND FILL SLOPES, BUILDING PADS AND OPEN SPACE AREAS SHALL BE TRIMMED AND COMPACTED TO THE FINISHED GRADE TO PRODUCE SMOOTH SURFACES AND UNIFORM CROSS-SECTIONS. THE SLOPES OF ALL EXCAVATIONS AND EMBANKMENTS SHALL BE LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROOTS, TREES, AND OTHER WASTE MATERIAL SHALL BE REMOVED AND DISPOSED OFF SITE. ALL VOIDS SHALL BE FILLED AND ANY SOFT SPOTS OCCURRING ON THIS SITE SHALL BE RECOMPACTED PER THE SPECIFICATIONS. VERIFY ALL GRADES TO AVOID FLOODING OF WATER.
8. NO ADJUSTMENT OF GRADES WILL BE PERMITTED TO ANY STRUCTURES, PAVEMENT OR WALK SURFACES. SHOULD THE CONTRACTOR DETERMINE THERE IS A DEFICIENCY OF MATERIAL, THEN ALLOWANCE WILL MADE IN THE CONTRACT TO IMPORT A CLEAN MATERIAL SUITABLE FOR FILLING. THE OWNER'S LABORATORY WILL BE ALLOWED TO TEST AND INSPECT THE BORROW SITE PRIOR TO BEGINNING HIS FILLING OPERATIONS. EXCESS EXCAVATED MATERIAL SHALL BE DISPOSED OFFSITE AS REQUIRED.
9. THERE ARE TREES AND BRUSH WITHIN THE LIMITS OF THIS SITE. THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT SCOPE OF WORK. THE CONTRACTOR SHALL REMOVE ALL BRUSH, TREES AND VEGETATION FROM THE LIMITS OF THE PROPOSED IMPROVEMENTS. ALL TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS NOTED ON THE PLANS TO BE REMOVED OR APPROVED BY THE OWNER. EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION.
10. REFERENCE LANDSCAPE PLANS FOR LIMITS OF LANDSCAPING AND SEEDING/SODDING. IN THE EVENT AN AREA IS DISTURBED DUE TO CONSTRUCTION OR GRADING AND IS NOT CALLED OUT FOR TREATMENT UNDER THE LANDSCAPE PLAN, THEN THE MINIMUM REQUIRED TREATMENT SHALL BE HYDRO MULCH SEEDING. IN SOME INSTANCES THE PLANS WILL REQUIRE BLOCK SODDING TO STABILIZE SLOPES.
11. ALL WALKS SHALL NOT EXCEED THE MAXIMUM SLOPES ALLOWED BY THE TEXAS ACCESSIBILITY STANDARDS (TAS). UNLESS INDICATED, THE MAXIMUM CROSS SLOPE IS 2% AND THE MAXIMUM DIRECTIONAL SLOPE IS 5%.
12. ALL SPOT GRADES ARE FOR PROPOSED EDGE OF PAVEMENT OR GUTTER ELEVATIONS, UNLESS INDICATED OTHERWISE.
13. EXISTING DEPRESSED AREA, WHICH HOLDS SURFACE WATER, SHALL BE PUMPED DRY. EXISTING SOGGY MATERIALS SHALL BE EXCAVATED AND REMOVED UNTIL A STABLE DRY MATERIAL IS AVAILABLE. THIS EXPOSED MATERIAL SHALL BE COMPACTED TO 95% STD PROCTOR. ON SITE MATERIAL SHALL BE PLACED IN 8" MAX LIFTS AND COMPACTED TO MAX 95% STD PROCTOR AT OPTIMUM MOISTURE CONTENT.
14. IN THE EVENT THE CONTRACTOR WILL BE STOCKPILING DIRT ON SITE, THE LOCATION OF THE STOCKPILE SHALL BE PLACED IN A LOCATION SO AS NOT TO CAUSE A DIVERSION OR CHANGE OF THE DRAINAGE PATTERNS THAT WILL IMPACT OFFSITE PROPERTIES.

GRADING LEGEND	
(79.20)	EXISTING SPOT ELEVATION
79.20	PROPOSED SPOT ELEVATION
5%	PROPOSED PERCENT OF GRADE
(655)	PROPOSED CONTOUR
---	GRADE BREAK/RIDGE LINE
---	PROPOSED SWALE LINE
-/-	PROPOSED DAYLIGHT LINE
5:1	PROPOSED SLOPE RATIO
79.20	EXISTING SPOT GRADE
633	EXISTING CONTOURS



GRADING PLAN



TNP PROJECT NO. OWP21246  
TBPELS: ENGR F-230, SURV 1001600, 1001601, 10164381  
GBPE: PEF007491, TBAE: BR 2673

MIDLOTHIAN ISD  
STADIUM ADDITIONS AND  
RENOVATIONS  
1800 S 14 ST. MIDLOTHIAN, TX 76065

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OWP PROJECT NO. 2021-154-00  
DATE OF ISSUE 10.07.2021

REVISIONS	DESCRIPTION	DATE
1	ADDENDUM NO. 2	10/18/2021

PROJECT TEAM TNP  
PROJECT PHASE 100% CDs  
SHEET CONTENTS GRADING PLAN

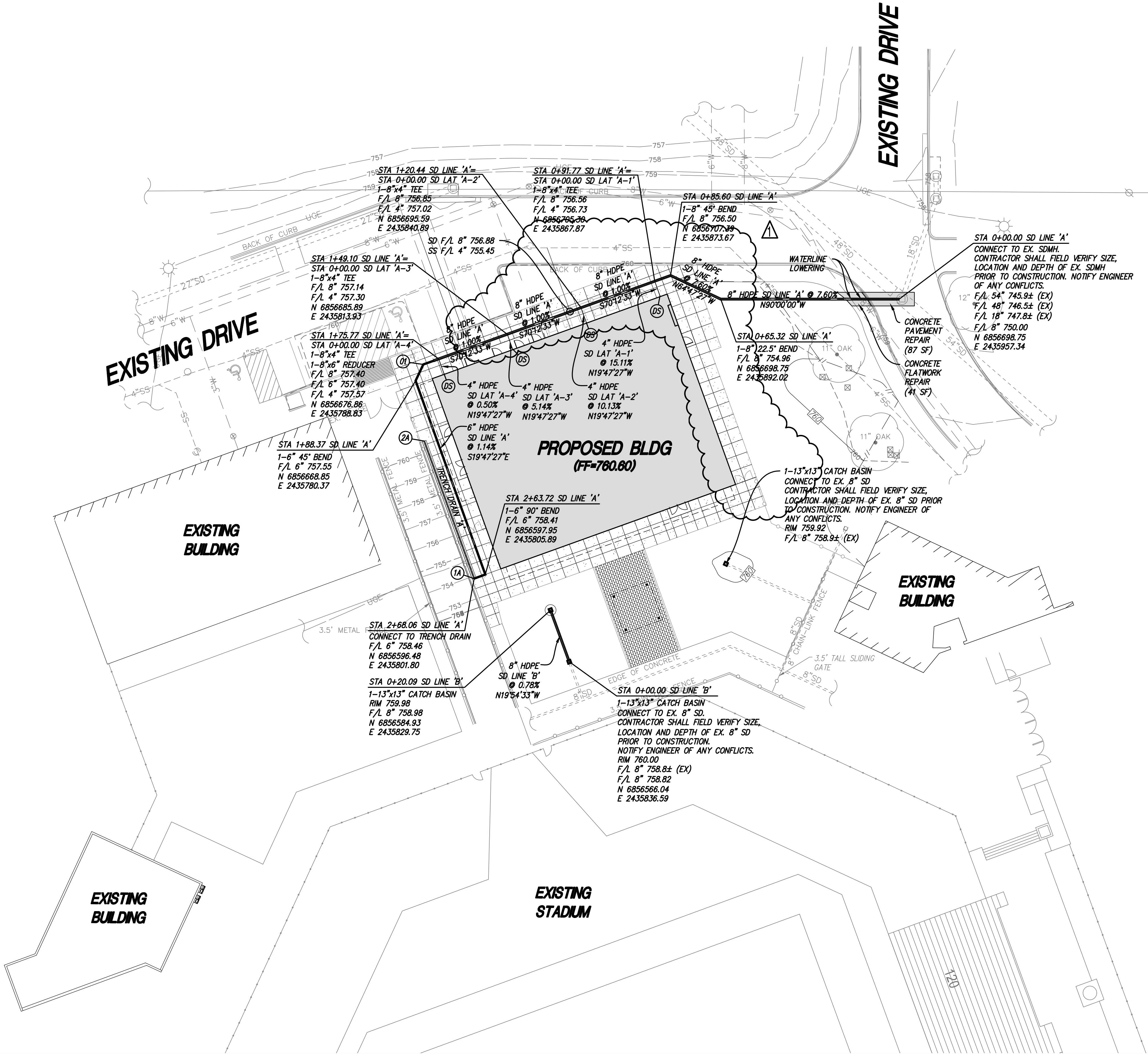
SHEET NO.

C1.06



#	Station	SportsEdge (ABT, Inc.)	Grate	F/L Information
1A	STA 0+00.00 TD 'A'	PolyDrain 2900 Series Catch Basin	Stainless Steel Reinforced Perforated Heel-Proof Grates (150 psi rating) Variable Trench Drain	F/L = 759.48; F/L 6" = 758.46
2A	STA 0+53.55 TD 'A'	Part No. 040 to 200 (Sloped Channel)	Elevations=760.30-760.40 (Match Existing Grade)	F/L = 759.92

⑩ STA 1+81.76 SD LINE 'A'  
1-6" 45° BEND  
F/L 6" 757.47  
N 6856674.83  
E 2435783.19



## STORM DRAIN PLAN

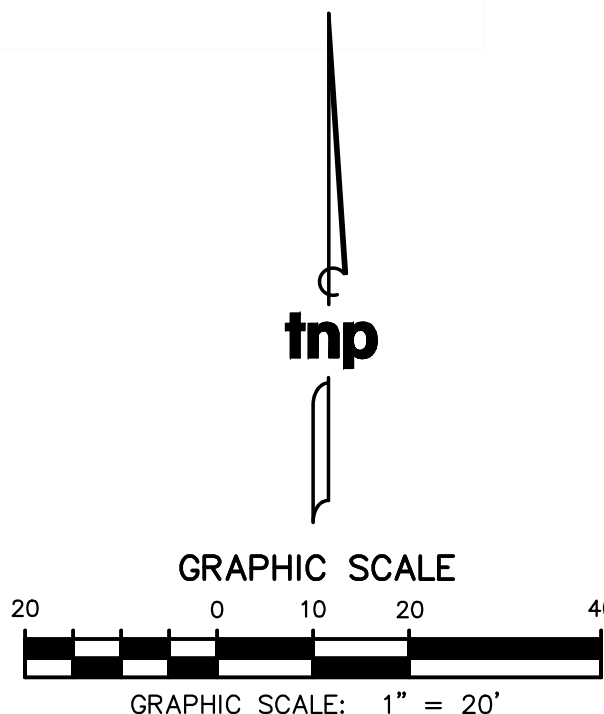
### DRAINAGE NOTES:

- ALL DIMENSIONS ARE TO FACE OF BUILDING.
- SANITARY SEWER AND STORM LINE CROSSINGS ARE INDICATED ON THE UTILITY PLAN.
- REFER TO THE GRADING PLAN FOR THE FINISH FLOOR ELEVATIONS AND THE PERIMETER GRADES.
- ALL STORM DRAIN LINES ARE TO BE HDPE/RCP UNLESS OTHERWISE NOTED.
- REFER TO THE ARCHITECTS' PLANS FOR THE EXACT LOCATIONS OF THE DOWN SPOUTS. REFER TO THE MEP PLANS FOR THE EXACT LOCATIONS OF THE ROOF DRAINS.
- CONTRACTOR SHALL UTILIZE NECESSARY MEASURES, INCLUDING TEMPORARY PUMPING IN THE ORDER TO DRAIN STORM WATER OFFSITE UNTIL THE PUBLIC DRAINAGE IMPROVEMENTS ARE INSTALLED AND OPERATIONAL.

### DRAINAGE SPECIFICATIONS

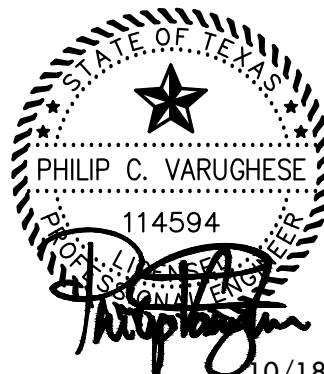
- HDPE SHALL BE HEAVY WALL MEETING THE REQUIREMENTS OF AASHTO M294 AND ASTM F477. HDPE SHALL BE ADS N-12 (WT) OR EQUAL, CORRUGATED EXTERIOR W/SMOOTH LINED INTERIOR.
- ALL PIPE, COUPLINGS, TEES, & BENDS SHALL BE HDPE WATERTIGHT SEWER GRADE GASKETED FITTINGS.

FLOWLINES OF DOWNSPOUTS ARE 3 FEET BELOW FINISH FLOOR. CONNECT TO SD MAIN LINE WITH 4" HDPE & MIN. 0.50% SLOPE. CONNECT DOWNSPOUTS WITH PRE-MANUFACTURED FITTINGS. (REF ARCH PLANS FOR LOCATIONS)



TNP PROJECT NO. OWP21246  
TBPELS: ENGR F-230, SURV 1001600, 1001601, 10164381  
GBPE: PEF007431, TBAE: BR 2673

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## MIDLOTHIAN ISD STADIUM ADDITIONS AND RENOVATIONS 1800 S 14 ST. MIDLOTHIAN, TX 76065

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OWP PROJECT NO. DATE OF ISSUE  
2021-154-00 10.07.2021

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1 ADDENDUM NO. 2 10/16/2021

PROJECT TEAM DRAWN BY  
TNP TNP  
PROJECT PHASE  
100% CDs  
SHEET CONTENTS  
STORM DRAIN PLAN

SHEET NO.

C1.07



1. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL UNCOVER EXISTING SANITARY SEWER SERVICE AND PROVIDE ENGINEER WITH SIZE, LOCATION AND ELEVATION OF EXISTING SEWER SERVICE BEFORE PROCEEDING WITH CONSTRUCTION.
3. THE CITY RESERVES THE RIGHT TO TV INSPECT THE SEWER PIPE.
4. THE SEWER PIPE WILL BE TESTED TO 5 PSI FOR 10 MINUTES WITH NO PRESSURE LOSS.
5. CONTRACTOR SHALL UTILIZE NECESSARY MEASURES INCLUDING TEMPORARY PUMPING AND COLLECTION UNTIL THE PUBLIC SEWER IMPROVEMENTS ARE INSTALLED & OPERATIONAL.
6. PROVIDE TRAFFIC CONTROL, BACKFILL EMBEDMENT, PAVEMENT REPAIR AND OTHER INSTALLATION REQUIREMENTS PER CITIES STANDARDS.
7. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR SHALL CONSTRUCT THE PROPOSED WORK UTILIZING TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR ALL TRENCH SAFETY.
9. CONTRACTOR SHALL VERIFY THAT ALL CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE FOR SANITARY SEWER ONLY.
10. CONTRACTOR SHALL INSTALL 1 JOINT (18" MIN. JOINT LENGTH) OF DUCTILE IRON PIPE AT LOCATIONS WHERE PROPOSED SEWER SERVICES CROSS EXISTING OR PROPOSED WATER LINES, EXCEPT WHERE OTHERWISE AUTHORIZED BY ENGINEER.
11. CONNECTION TO THE SANITARY SEWER LATERAL SHALL BE 5' FROM FACE OF THE PROPOSED BUILDING, REFER TO THE MEP PLANS FOR THE CONTINUATION OF THE SANITARY SEWER LATERAL UNDER THE BUILDING AND FOR THE CONNECTION TO THE EXISTING LINE.
12. CONTRACTOR SHALL ADJUST EXISTING CLEANOUTS AND SSMH RIMS TO MATCH PROPOSED GRADES.

1. ALL "B" WATERLINES (FIRE) SHALL BE PVC (DR-14), 4" WATERLINE (DOM) SHALL BE PVC (DR-18).
2. CONTRACTOR TO VERIFY THE LOCATION OF EXISTING WATER LINES PRIOR TO CONSTRUCTION.
3. INSTALL ALL VALVES IN BOXES WITH RIMS FOR ACCESS AND OPERATION
4. THRUST BLOCKS SHALL BE PROVIDED ON ALL FITTINGS, BENDS AND DEFLECTIONS.
5. ALL DUCTILE IRON FITTINGS SHALL BE WRAPPED WITH MINIMUM 8 MIL POLYETHYLENE.
6. FIRE AND DOMESTIC WATERLINES SHALL BE INSTALLED BY A UTILITY CONTRACTOR PRE-QUALIFIED WITH THE CITY OF FORT WORTH.
7. PROVIDE TRAFFIC CONTROL, FLOWABLE FILL BACKFILL TO 2' DEPTH AND OTHER INSTALLATION REQUIREMENTS PER CITIES STANDARDS.
8. IN THE EVENT A STREET IS TO BE CLOSED AND/OR TRAFFIC IS TO BE REGULATED DURING CONSTRUCTION OF THE PROJECT, THE CONTRACTOR WILL HAVE THE SOLE RESPONSIBILITY OF SUBMITTING A TRAFFIC CONTROL PLAN DIRECTLY TO THE CITY TRAFFIC ENGINEER FOR APPROVAL.
9. CONTRACTOR TO COORDINATE WITH THE CITY, IMPROVEMENTS WITHIN THE PUBLIC R.O.W. CITY TO CONSTRUCT ALL PUBLIC TAPS, LINES AND METERS.

THE UTILITIES SHOWN ON THE PLANS WERE COMPILED FROM VARIOUS SOURCES AND ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND LOCATION OF UTILITIES IN THE AREA OF CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE UTILITY INFORMATION SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT UTILITY COMPANIES 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES IN ORDER TO DETERMINE IF THERE IS ANY CONFLICT WITH THE PROPOSED FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS WITH EXISTING UTILITIES ARE DISCOVERED.



<u>OWP PROJECT NO.</u>	<u>DATE OF ISSUE</u>
2021-154-00	10.07.2021

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PROJECT TEAM	DRAWN BY
TNP	TNP
PROJECT PHASE	
100% CDs	
SHEET CONTENTS	
WATER & SANITARY SEWER PLAN	
SHEET NO.	



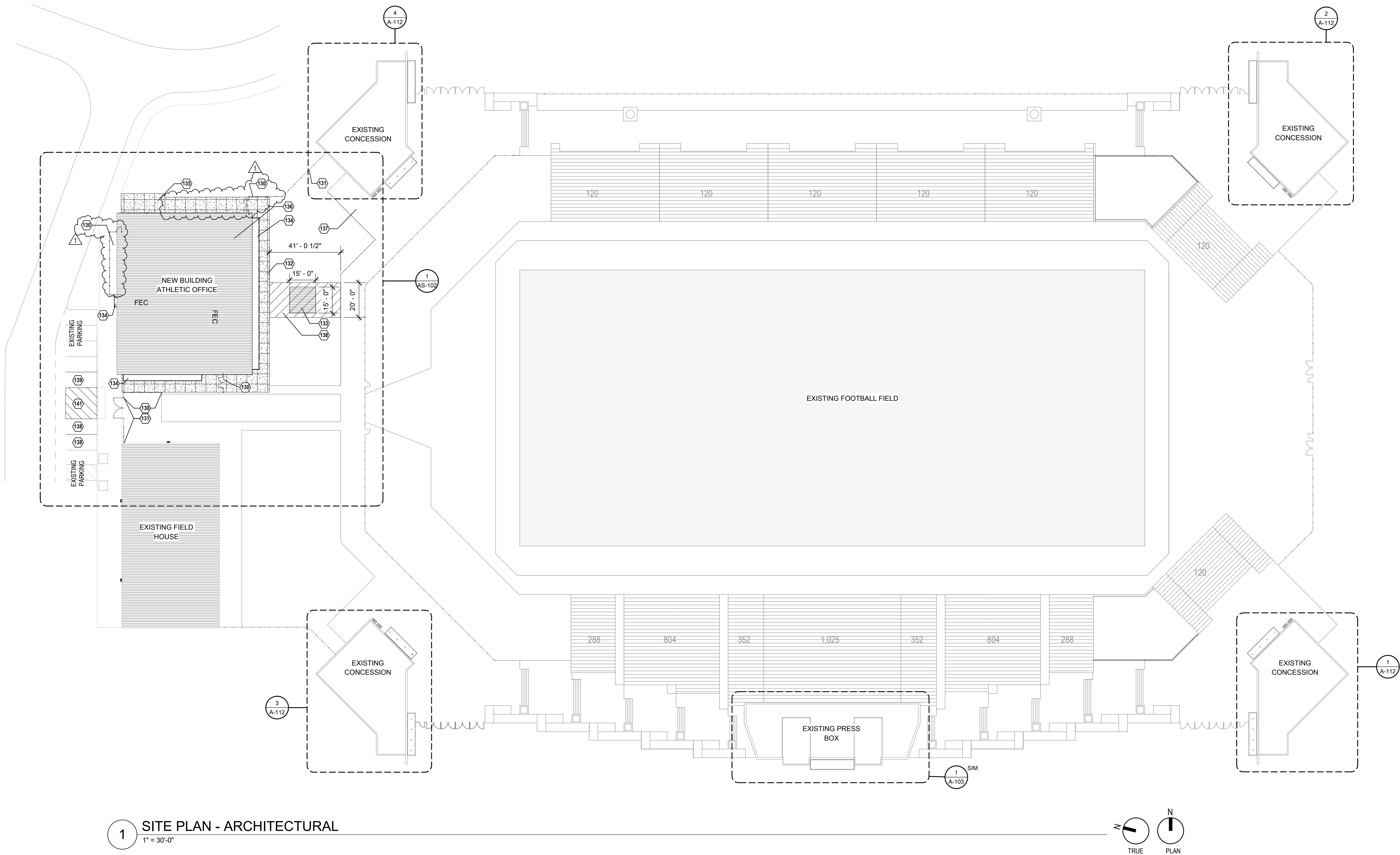
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KEYNOTES - SITE

- 130 CHAIN LINK FENCE, FIELD VERIFY TO MATCH EXISTING FENCE (TYP)  
131 EXISTING CHAIN LINK FENCE TO REMAIN (TYP)  
132 CONCRETE WALKWAY, REF. CIVIL  
133 PROTECTIVE COVER BY AVADEK OR APPROVED EQUAL  
134 GALVANIZED CANOPY, REF. STRUCT.  
135 CONCRETE AREA FOR STORAGE EQUIPMENT  
136 STANDING SEAM METAL ROOF, REF. ROOF PLAN  
137 EXISTING CONCRETE SIDEWALK  
138 PAVERS IN SAND, REF. CIVIL  
139 ACCESSIBLE PARKING SPACE WITH POLE SIGNAGE  
141 ACCESSIBLE WALKWAY STRIPING

SITE PLAN GENERAL NOTES

- A. Contractor shall remove all existing vegetation, site improvements, etc. whether or not specifically indicated on the drawings to facilitate the completion of all required new work. Contractor shall visit the site and verify all quantities and items that are required to be removed prior to submittal of this proposal.
- B. Slope all grades and pavement away from building(s) to provide positive drainage, unless noted otherwise.
- C. Finish grade at sidewalks, buildings, etc., as required to provide smooth transition to grade.
- D. Angles indicated are 45 degrees unless noted otherwise.
- E. Construction debris shall be removed from the site on a continuing basis for the duration of construction.
- F. Concrete walks shall have expansion joints at a maximum spacing of 20 feet O.C. and control joints at 5 feet O.C., unless noted otherwise.
- G. Perform all clearing, grubbing and earthwork in accordance with the Geotechnical Report, unless more restrictive requirements exist.
- H. Should slopes of greater than 1:20 (5%) occur at pavement locations, notify architect immediately.
- I. All proposed imported fill material shall be tested by a qualified testing agency to verify that it meets all specification requirements prior to placing on site.
- J. Dimensions are to outside face of stem walls/foundations unless noted otherwise.
- K. All areas disturbed by construction, staging, etc. shall be restored to their original condition by the General Contractor. General Contractor is responsible for documenting original condition.
- L. All sidewalks at building entryways shall be "keyed" into building slab to prevent differential movement.



1 SITE PLAN - ARCHITECTURAL  
1" = 30'-0"

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10/07/2021

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STADIUM ADDITIONS AND  
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1800 S 14 ST. MIDLOTHIAN, TX 76065

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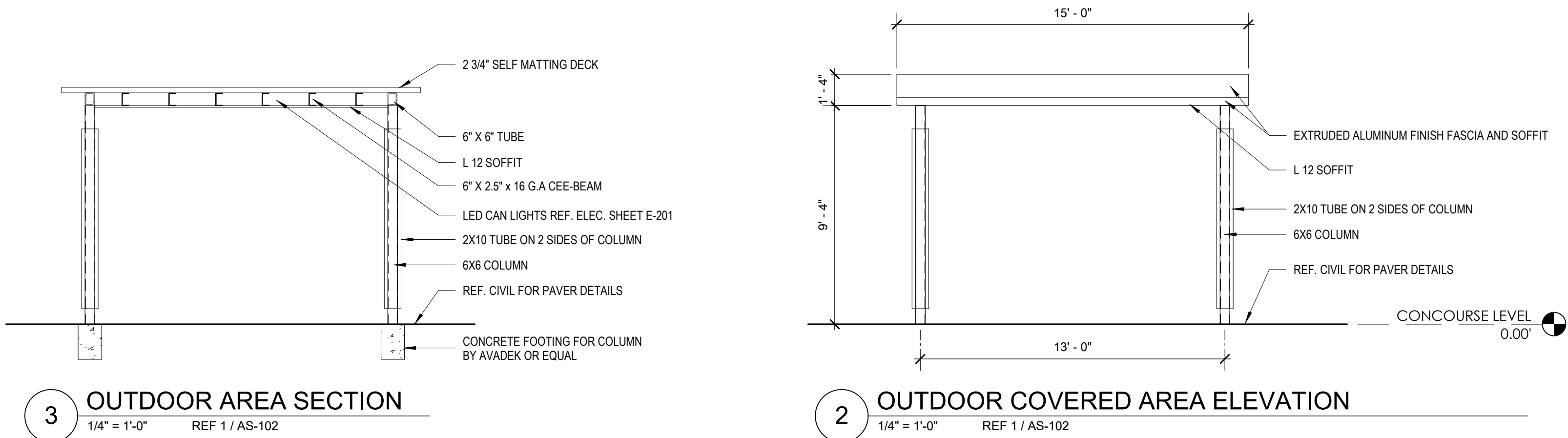
REVISIONS		
DELTA	DESCRIPTION	DATE
1	ADDENDUM 2	10.18.2021

PROJECT TEAM DRAWN BY  
ED TEXAS EA/KN  
PROJECT PHASE  
CONSTRUCTION DOCUMENTS  
SHEET CONTENTS  
ARCHITECTURAL SITE  
PLAN  
SHEET NO.

AS-101

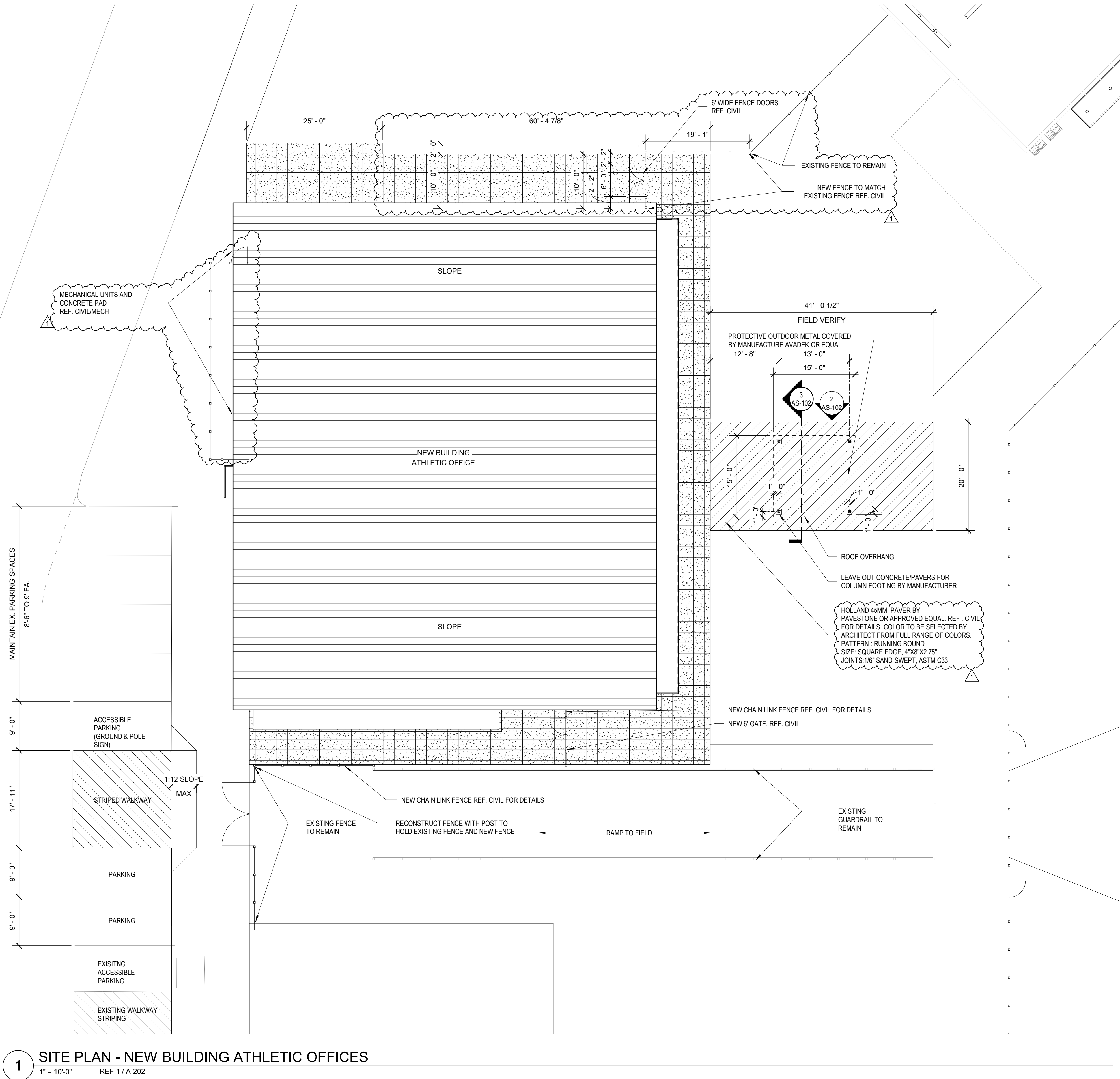


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SITE PLAN GENERAL NOTES

- A. Contractor shall remove all existing vegetation, site improvements, etc. whether or not specifically indicated on the drawings to facilitate the completion of all required new work. Contractor shall visit the site and verify all quantities and items that are required to be removed prior to submittal of this proposal.
- B. Slope all grades and pavement away from building(s) to provide positive drainage, unless noted otherwise.
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PROJECT TEAM DRAWN BY  
ED TEXAS KN

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

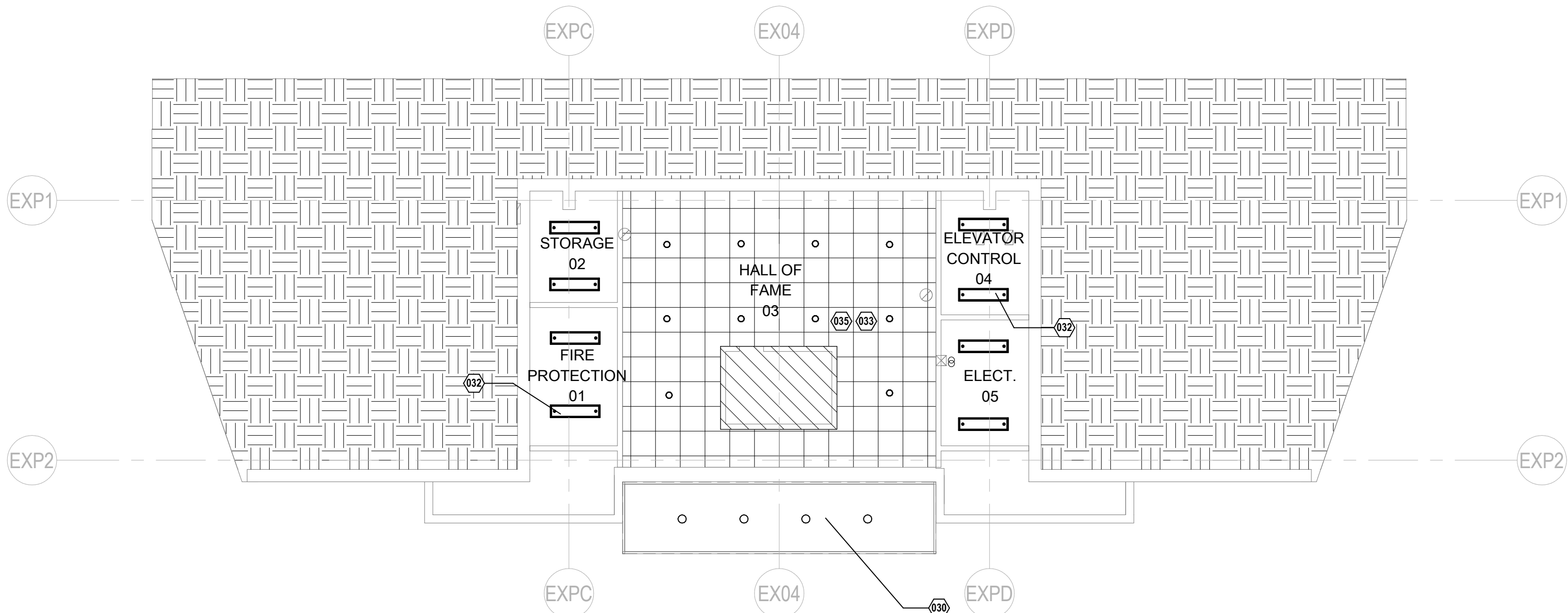
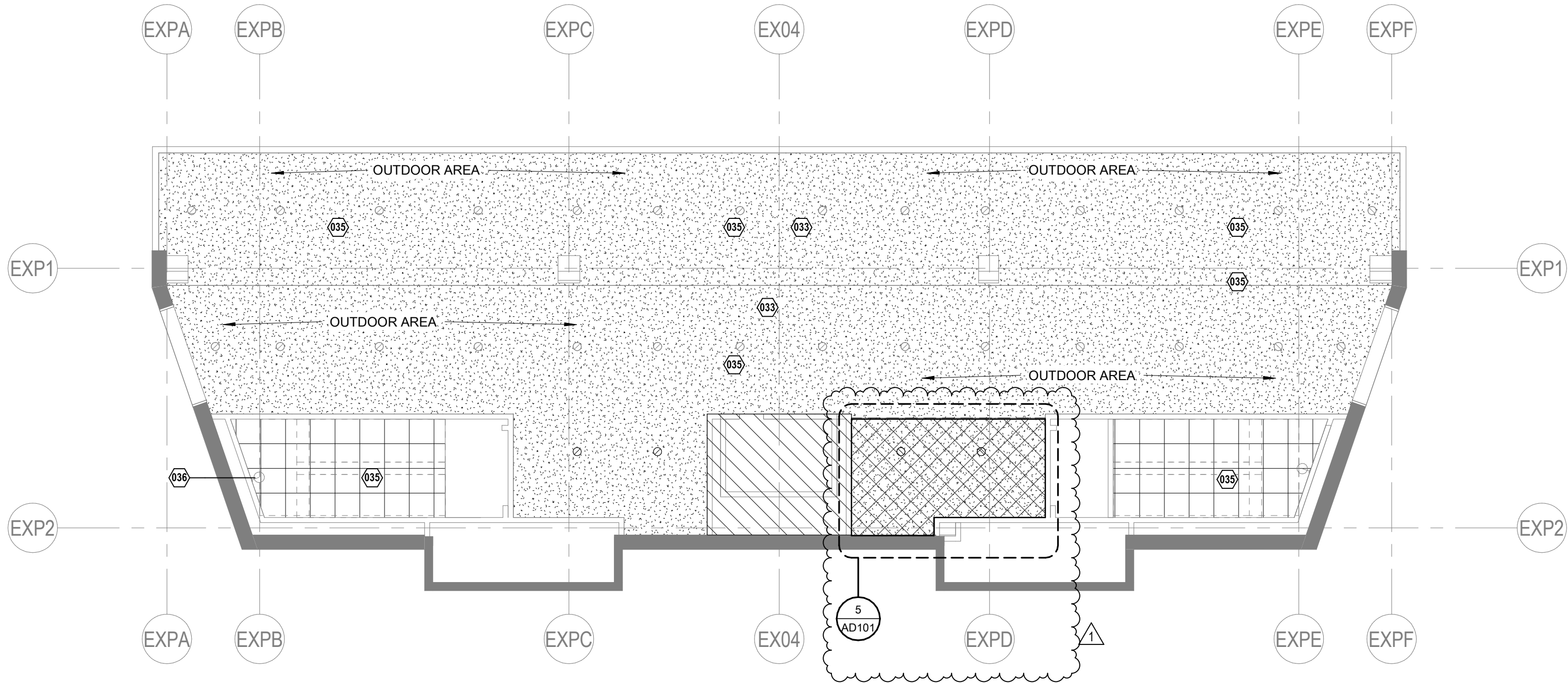
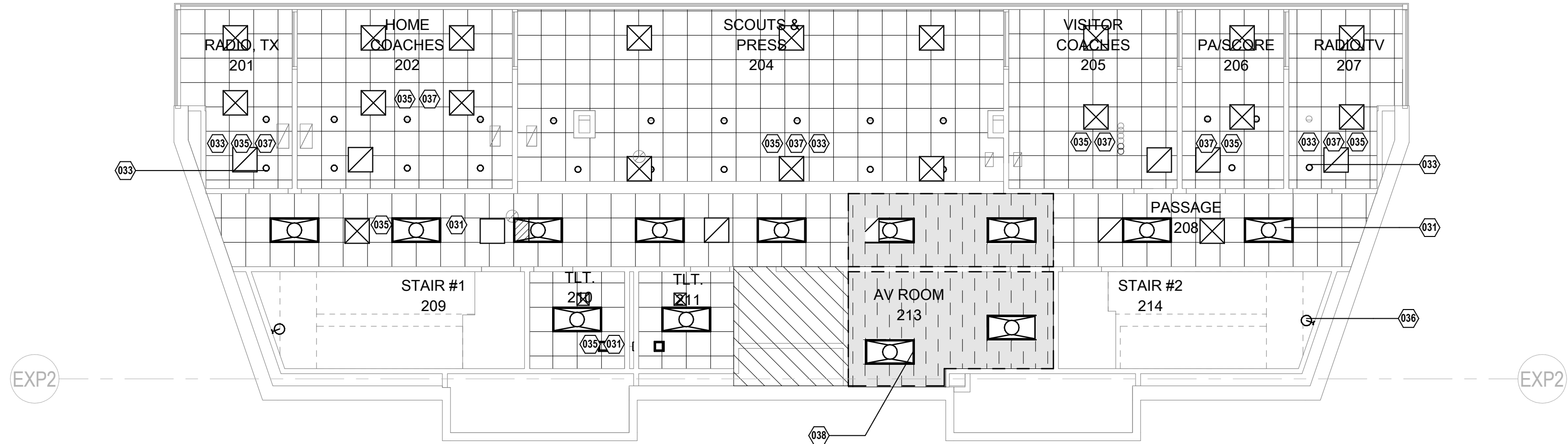
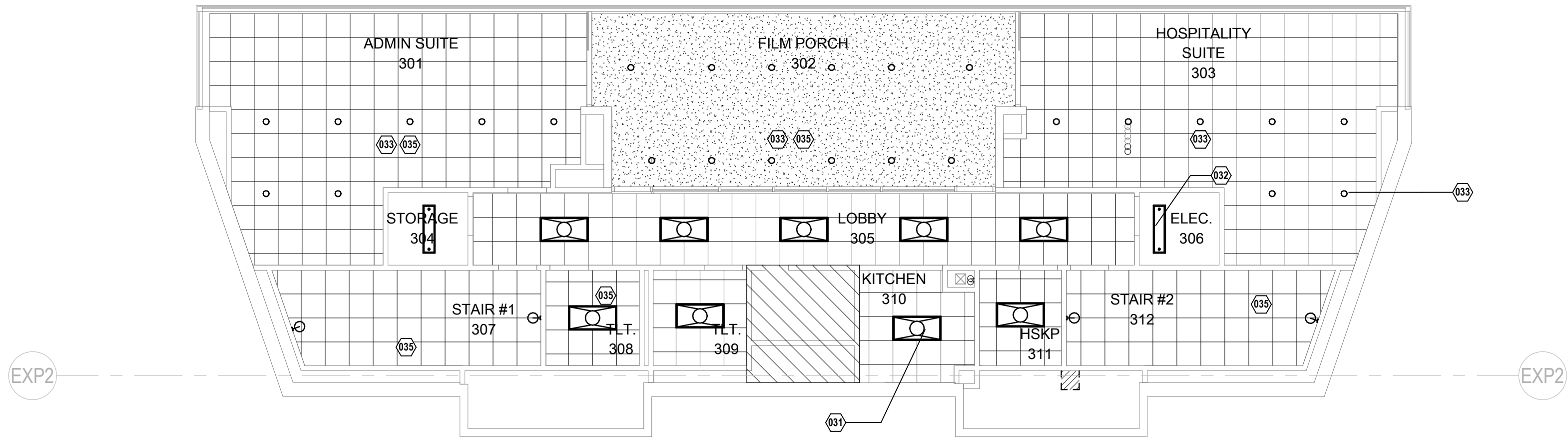
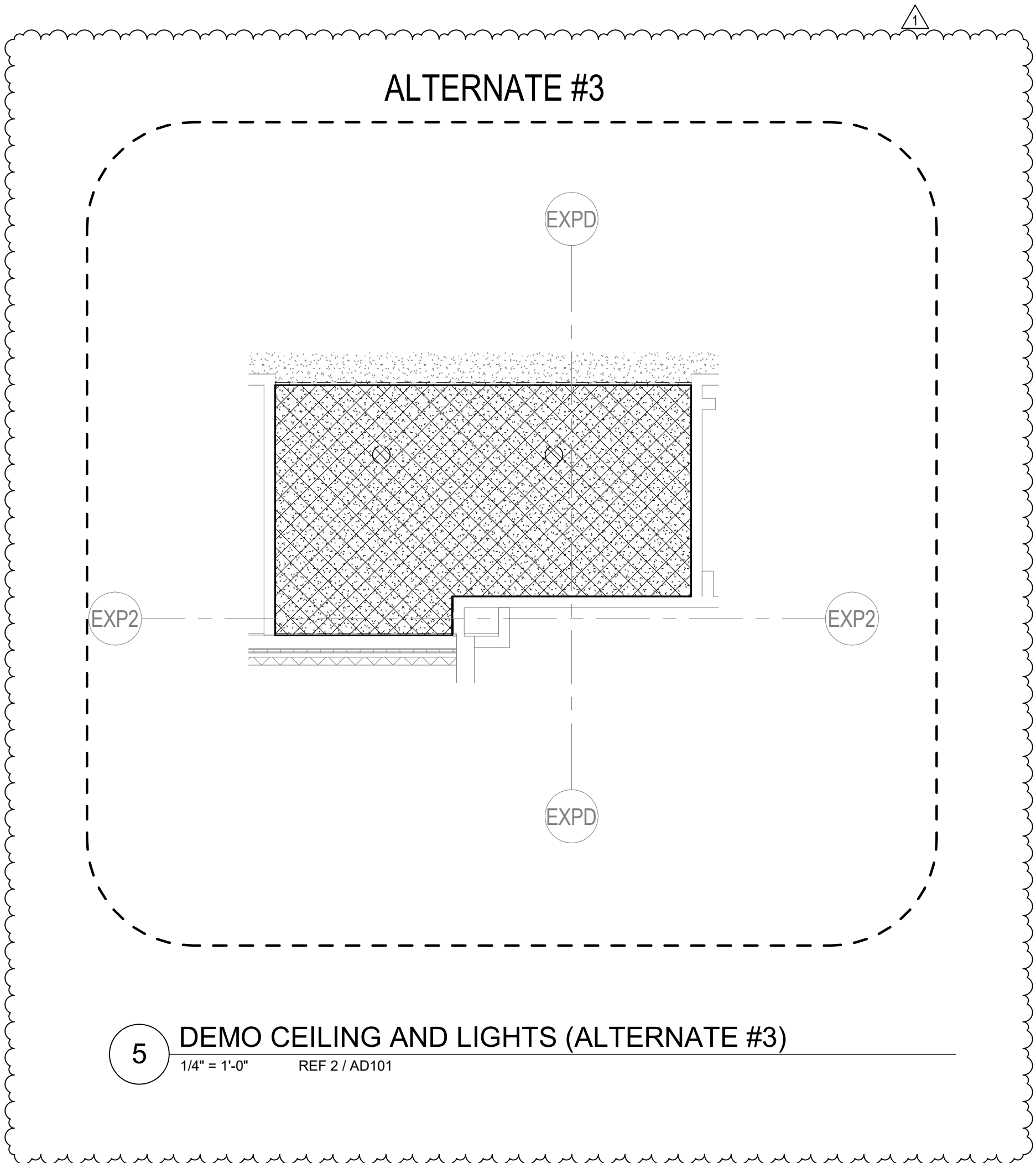
SHEET CONTENTS  
ENLARGED SITE PLAN

SHEET NO.

AS-102



10/18/2021 3:01:01 PM Orcutt | Winslow / 2021-154-00 / STADIUM ADDITIONS AND RENOVATIONS - MIDLOTHIAN ISD / CONSTRUCTION DOCUMENT / AD101- DEMOLITION CEILING PLANS / EA  
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#### DEMOLITION PLAN GENERAL NOTES

- Sawcut and remove existing concrete floor slab to accommodate new utility work. Compact trench backfill and patch floor slab to match existing.
- Coordinate demolition with new construction. All demolition and repair necessary to accomplish new construction shall be included. Contractor shall remove all existing improvements whether or not specifically indicated on the drawings to facilitate the completion of all required work. Contractors shall visit the site and verify all quantities and items required to be removed.
- Where gypsum board is to remain, patch, tape and float portion of wall to match adjacent new finish.
- Contractor to coordinate demolition so all wiring, conduit, equipment, etc. to remain is not damaged. Certain items may be temporarily removed and replaced later during course of restoration. General Contractor will be required to incorporate this work into their schedule. The systems may include, but are not limited to the following: EMS controls, electrical power and lighting, data, audiovisual, security, intercom, CATV, etc. Contractor to tag and loop wire to remain back to control panels, typical.
- Any plumbing to be demolished shall have piping terminated above finished ceiling, below finished floor, and behind finished walls. All drain/waste/vent piping to be capped and sealed at all openings per requirements of AHJ.
- Remove existing ceiling grid, suspension wires, lighting fixtures, conduits, exit signs, speakers, smoke detectors, curtain tracks, HVAC diffusers and return grilles, and any other ceiling mounted apparatus in all areas of demolition, UNO.
- Remove floor and wall covering typical throughout areas of demolition (UNO) and any other areas as affected by demolition/new construction. Parge, float and/or prepare floor and wall surfaces to receive new finishes.
- Contractor shall remove and replace any fireproofing or firestopping damage during demolition or new construction to conform to proper rating.
- Contractor shall provide full height temporary partitions with UL rating as needed to separate the construction activity, noise, and dirt from adjacent areas (refer to proposed Phasing Plan).
- Contractor shall coordinate any shutdown required during demolition with Owner.
- Contractor to maintain or repair fire and smoke ratings of existing floor, roof and wall assemblies throughout.

#### KEYNOTES - DEMOLITION (CEILING)

- |     |   |
|-----|---|
| 030 | RELAMP RECESSED CAN LIGHTS IN EXTERIOR CANOPY TYP. REF. ELEC.   |
| 031 | RELAMP 2X4 LIGHT FIXTURES TYP. REF. ELEC.   |
| 032 | RELAMP 1X4 LIGHT FIXTURES TYP. REF. ELEC.   |
| 033 | RELAMP RECESSED CAN LIGHTS TYP. REF. ELEC.  |
| 034 | RELAMP WALL-PACK LIGHTS AT EXISTING FIELD HOUSE TYP. REF. ELEC.   |
| 035 | EXISTING ITEMS TO STAY ACOUSTICAL CEILING TILES, GYPSUM BOARD, AND PLASTER CEMENT CEILING TYP. DO NOT REMOVE CEILING. |
| 036 | RELAMP WALL MOUNTED LIGHTS TYP. REF. ELEC.  |
| 037 | REMOVE EXISTING ROLLER SHADE TYP.   |
| 038 | RELAMP 2X4 LIGHT FIXTURE AND UNINSTALL/REINSTALL LIGHT FIXTURE HOUSING. DEMOLISHING CEILING.                          |

#### DEMOLITION CEILING LEGEND

- |  |  |
|--|--|
|  | RELAMP LIGHT FIXTURE ONLY (RE: ELEC.)                              |
|  | RELAMP LIGHT FIXTURE ONLY (RE: ELEC.)                              |
|  | RELAMP RECESSED CAN LIGHT ONLY (RE: ELEC.)                         |
|  | RELAMP PENDENT LIGHT FIXTURE ONLY (RE: ELEC.)                      |
|  | RELAMP SURFACE MOUNTED OR SUSPENDED LIGHT FIXTURE ONLY (RE: ELEC.) |

#### RCP LEGEND

- |  |  |
|--|--|
|  | NO WORK AREA                             |
|  | DEMO CEILING AND LIGHTS                  |
|  | DEMO CEILING AND LIGHTS ALTERNATE BID #3 |

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# MIDLOTHIAN ISD STADIUM ADDITIONS AND RENOVATIONS 1800 S 14 ST. MIDLOTHIAN, TX 76065

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PROJECT TEAM DRAWN BY  
ED TEXAS EA

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CONSTRUCTION DOCUMENTS

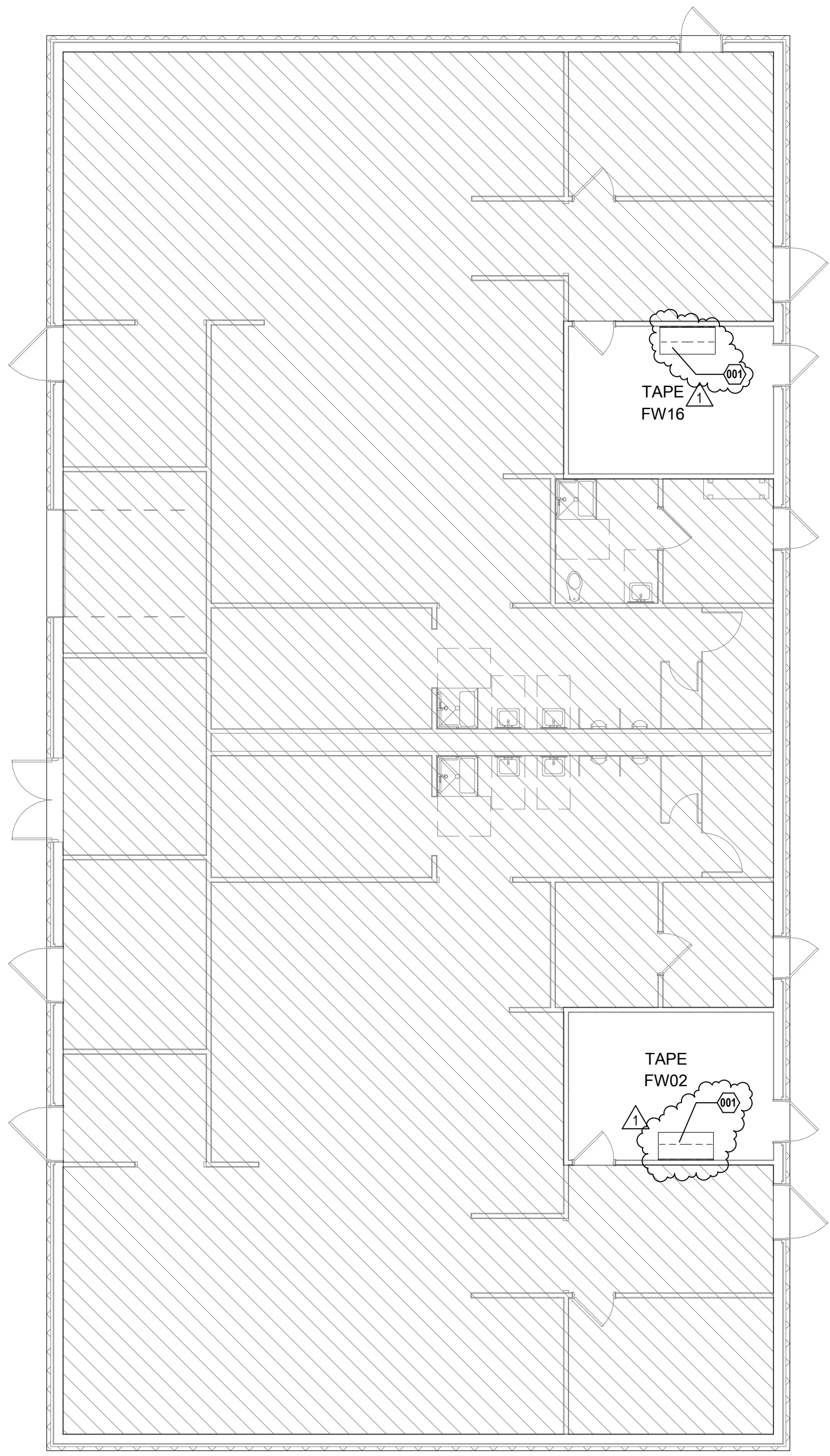
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DEMOLITION CEILING  
PLANS

SHEET NO.

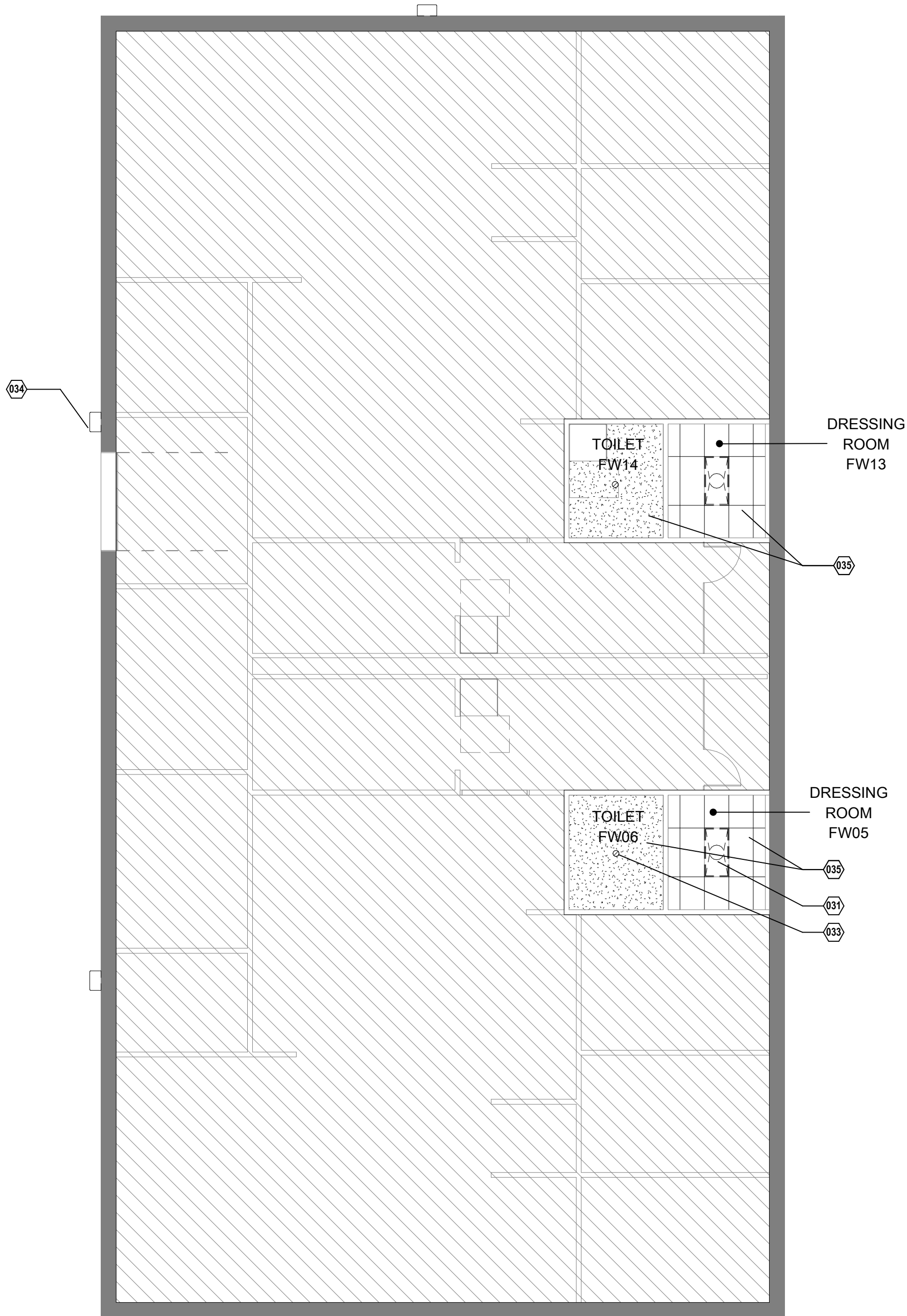
AD101



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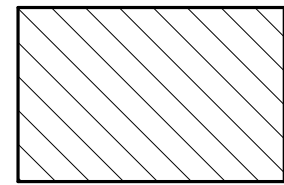


6 DEMOLITION FLOOR PLAN FIELD HOUSE  
1/8" = 1'-0" REF 1 / A-202



5 DEMOLITION RCP FIELD HOUSE  
1/8" = 1'-0" REF 1 / A-202

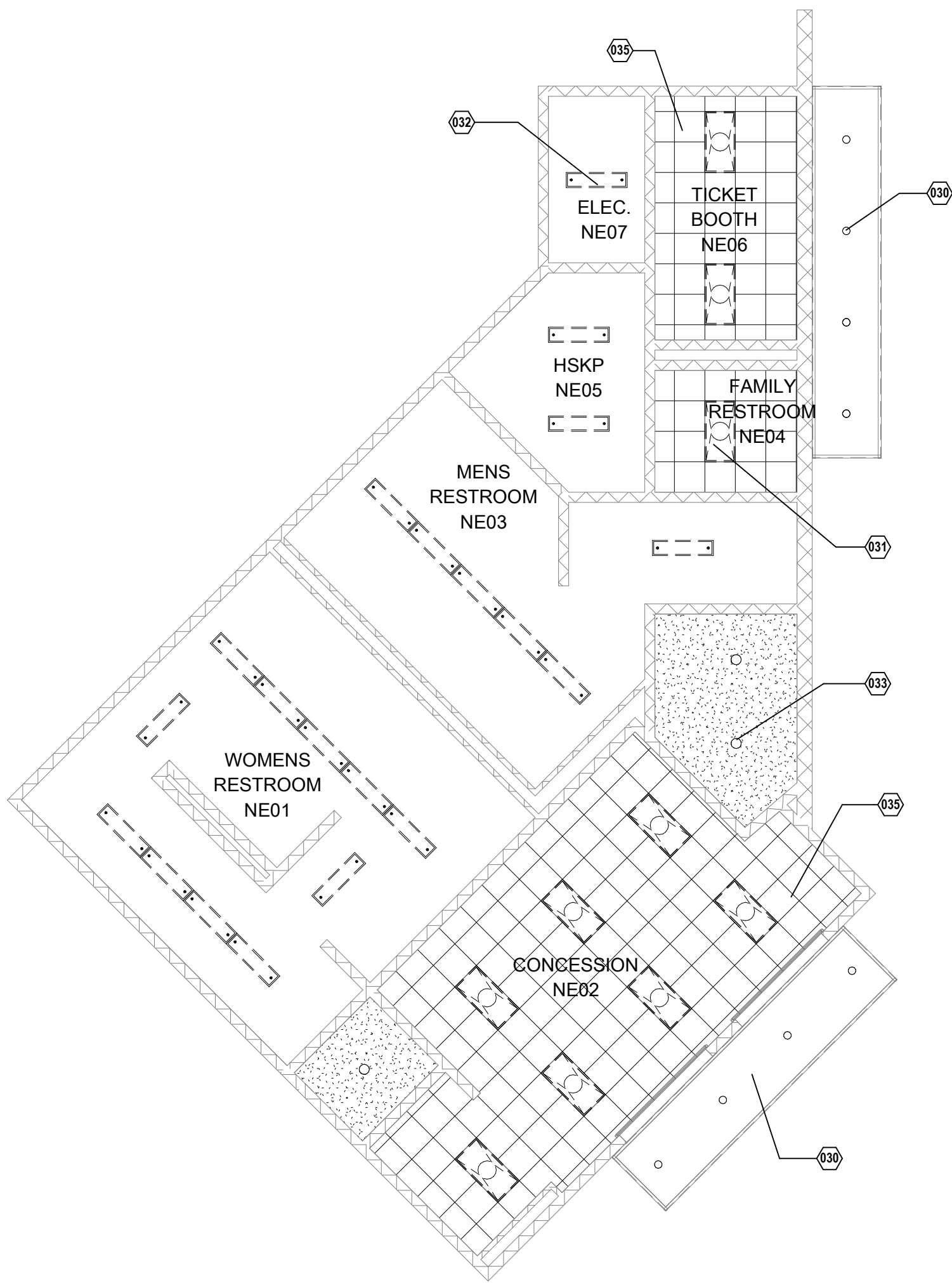
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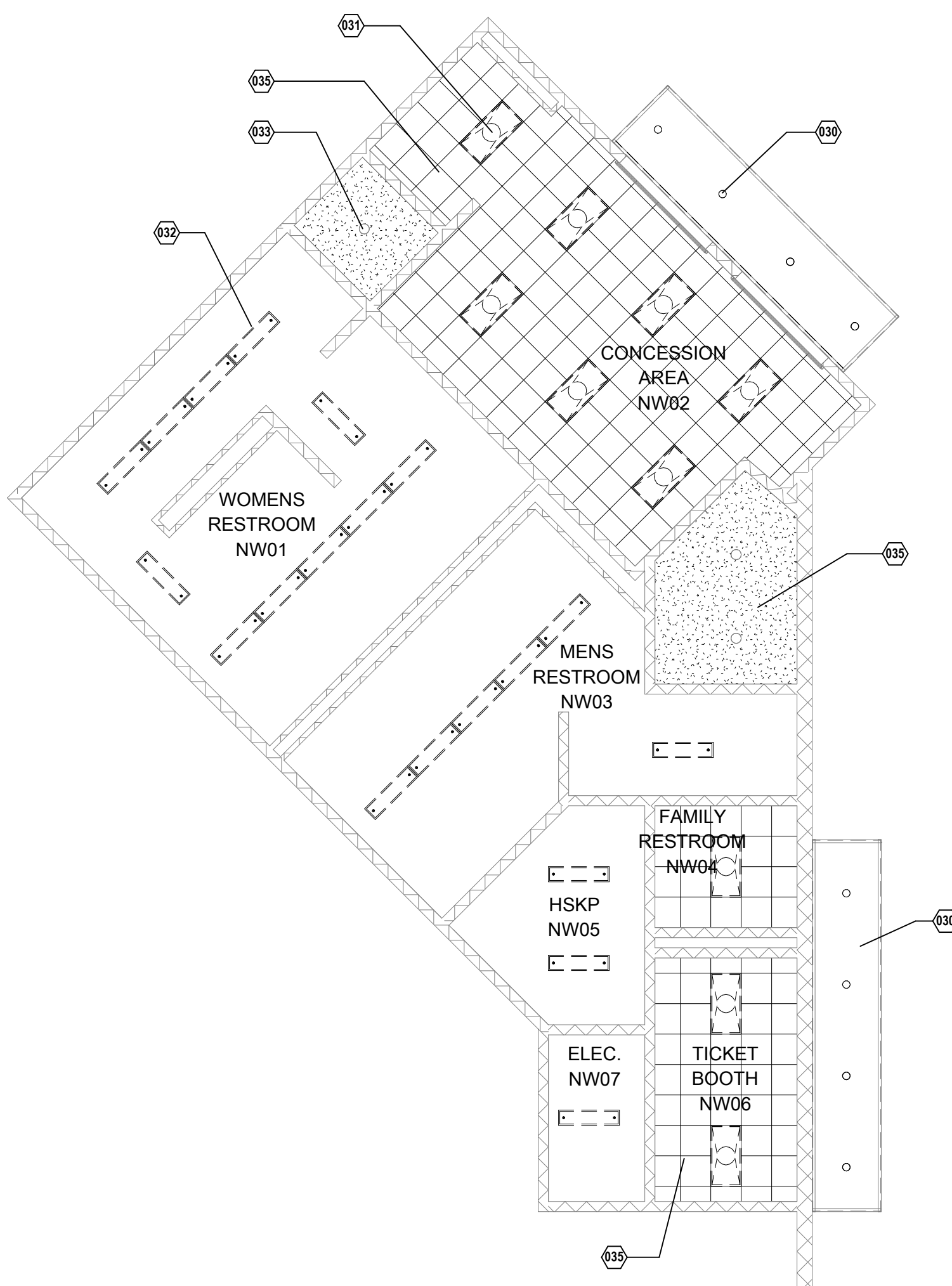
NO WORK AREA

KEYNOTES - DEMOLITION (PLAN)

001 DEMO UPPER AND LOWER CASEWORK

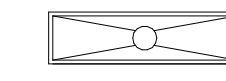


4 DEMOLITION RCP CONCESSION NORTHEAST  
1/8" = 1'-0" REF 1 / A-202

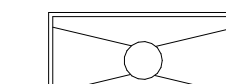


3 DEMOLITION RCP CONCESSION NORTHWEST  
1/8" = 1'-0" REF 1 / A-202

DEMOLITION CEILING LEGEND



RELAMP LIGHT FIXTURE ONLY  
(RE: ELEC.)



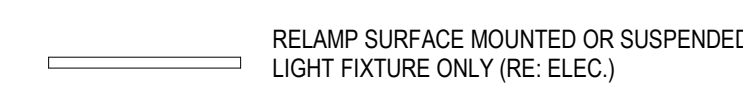
RELAMP LIGHT FIXTURE ONLY  
(RE: ELEC.)



RELAMP RECESSED CAN LIGHT ONLY  
(RE: ELEC.)



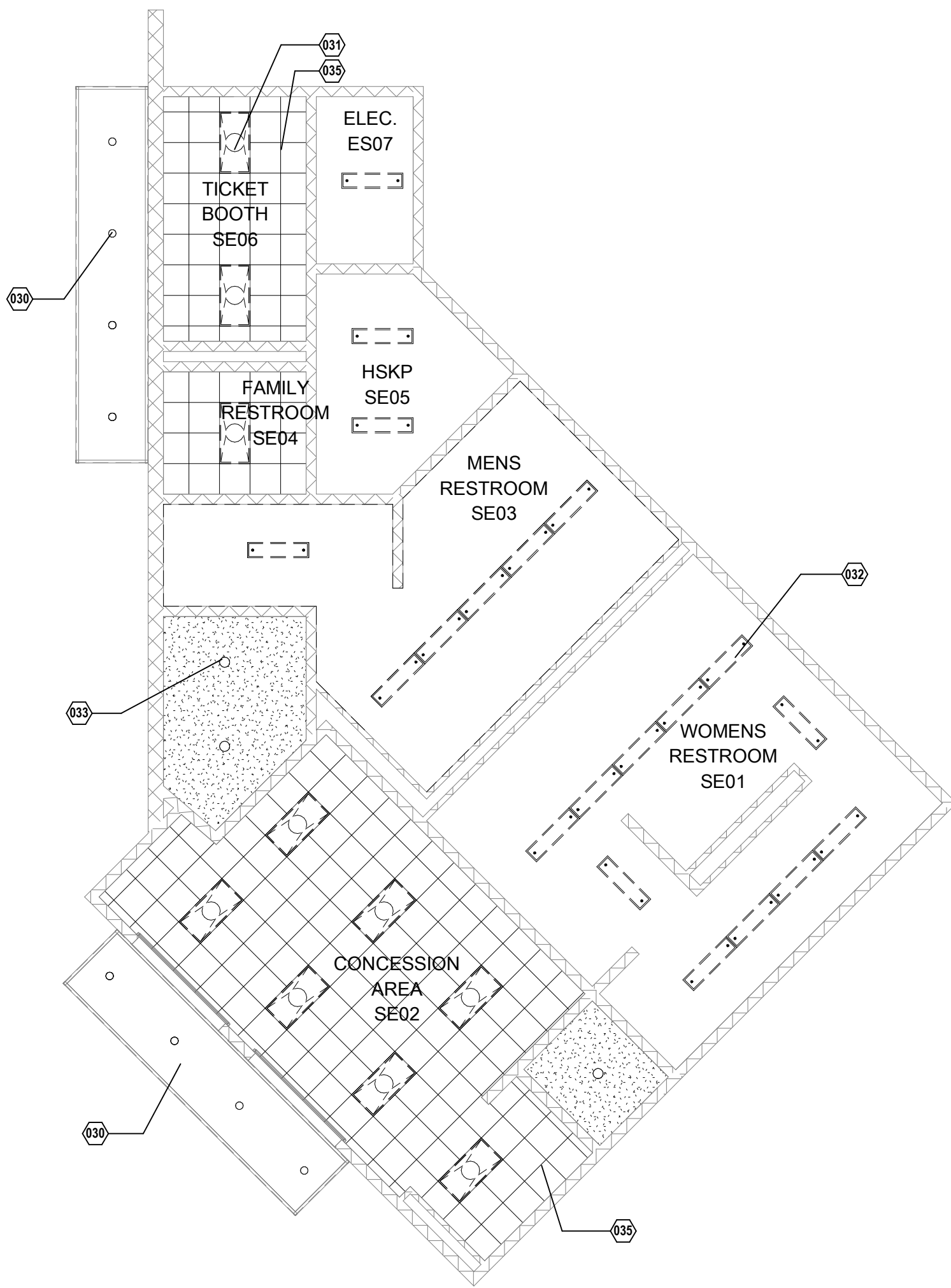
RELAMP PENDENT LIGHT FIXTURE ONLY (RE: ELEC.)



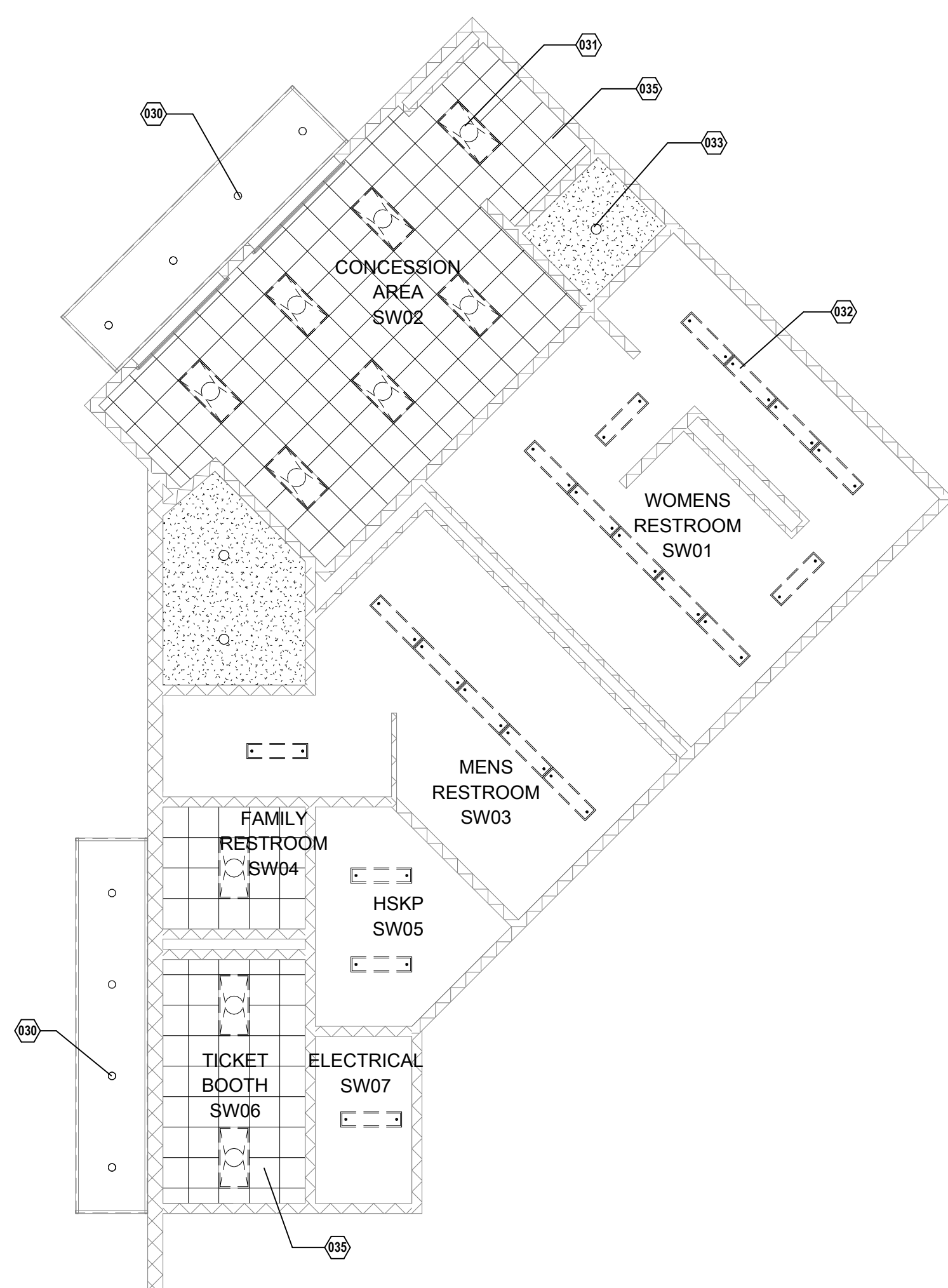
RELAMP SURFACE MOUNTED OR SUSPENDED  
LIGHT FIXTURE ONLY (RE: ELEC.)

KEYNOTES - DEMOLITION (CEILING)

030 RELAMP RECESSED CAN LIGHTS IN EXTERIOR CANOPY TYP. REF. ELEC.  
031 RELAMP 2X4 LIGHT FIXTURES TYP. REF. ELEC.  
032 RELAMP 1X4 LIGHT FIXTURES TYP. REF. ELEC.  
033 RELAMP RECESSED CAN LIGHTS TYP. REF. ELEC.  
034 RELAMP WALL-PACK LIGHTS AT EXISTING FIELD HOUSE TYP. REF. ELEC.  
035 EXISTING ITEMS TO STAY ACOUSTICAL CEILING TILES, GYPSUM BOARD, AND PLASTER CEMENT CEILING TYP. DO NOT REMOVE CEILING.  
036 RELAMP WALL MOUNTED LIGHTS TYP. REF. ELEC.  
037 REMOVE EXISTING ROLLER SHADE TYP.  
038 RELAMP 2X4 LIGHT FIXTURE AND UNINSTALL/REINSTALLED LIGHT FIXTURE HOUSING. DEMOLISHING CEILING.



2 DEMOLITION RCP CONCESSION SOUTHEAST  
1/8" = 1'-0" REF 1 / A-202



1 DEMOLITION RCP CONCESSION SOUTHWEST  
1/8" = 1'-0" REF 1 / A-202

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10/07/2021

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MIDLOTHIAN ISD  
STADIUM ADDITIONS AND  
RENOVATIONS  
1800 S 14 ST. MIDLOTHIAN, TX 76065

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OWP PROJECT NO. DATE OF ISSUE  
2021-154-00 10.07.2021

DELTA	DESCRIPTION	DATE
1	ADDENDUM 2	10.18.2021

PROJECT TEAM DRAWN BY  
ED TEXAS EA

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
DEMOLITION PLANS

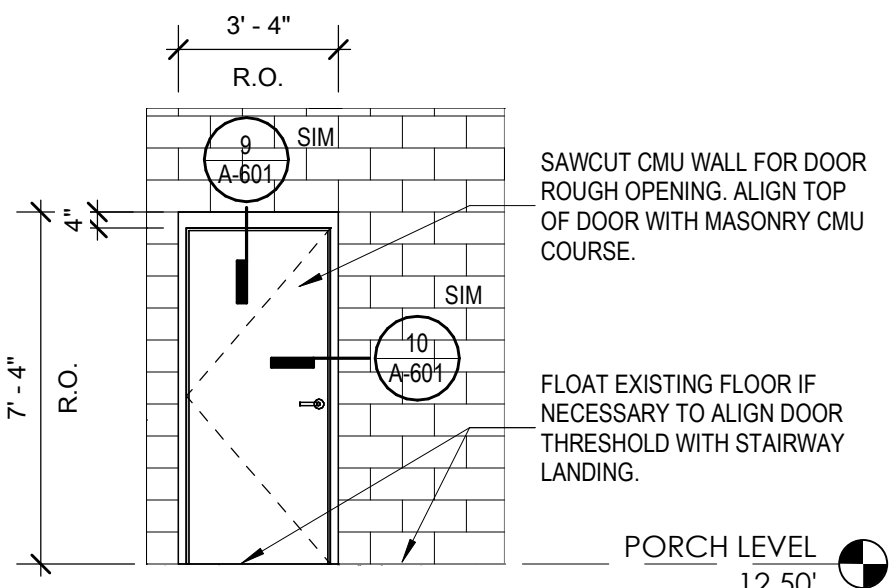
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AD102

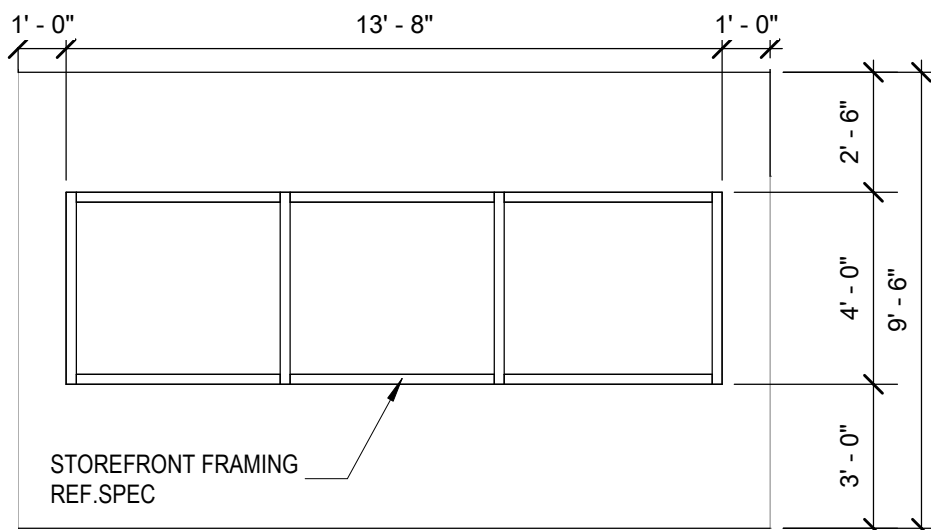


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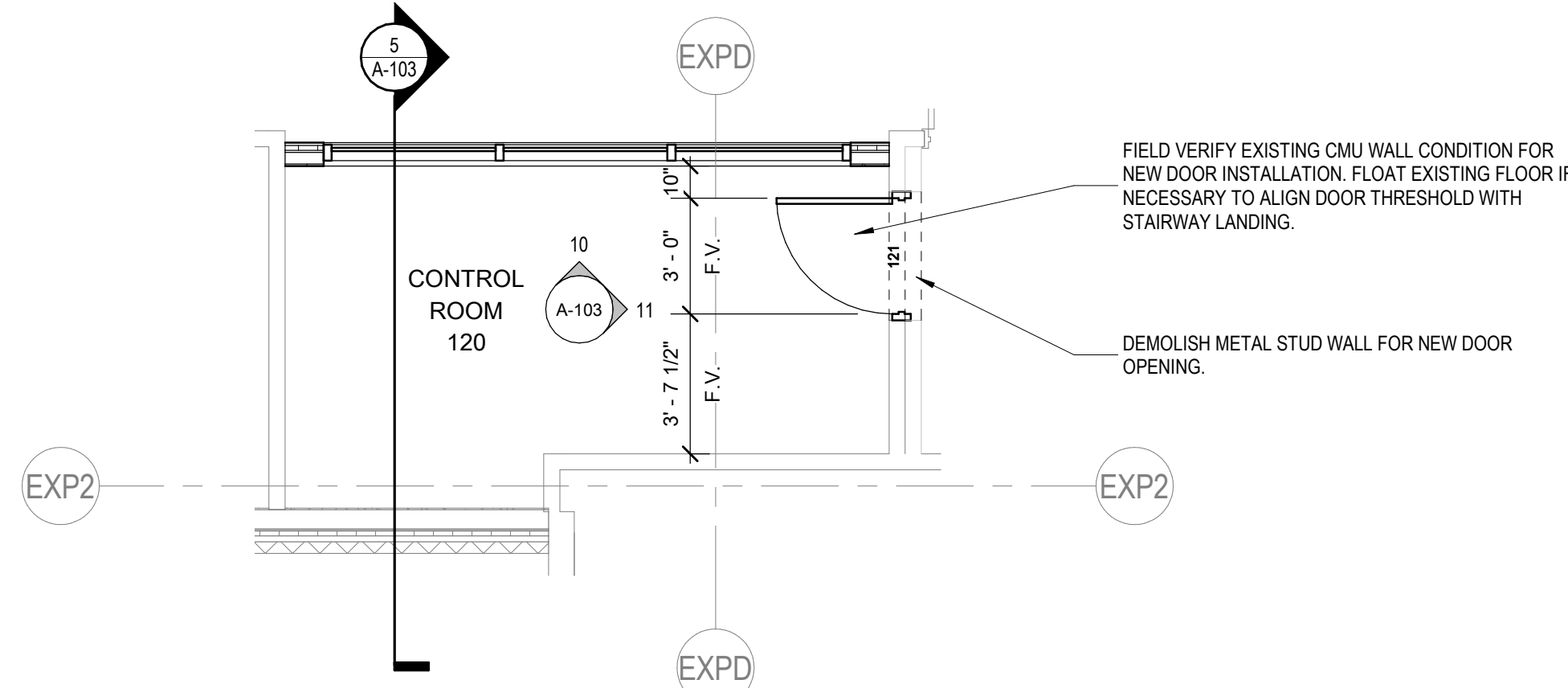
ALTERNATE #3



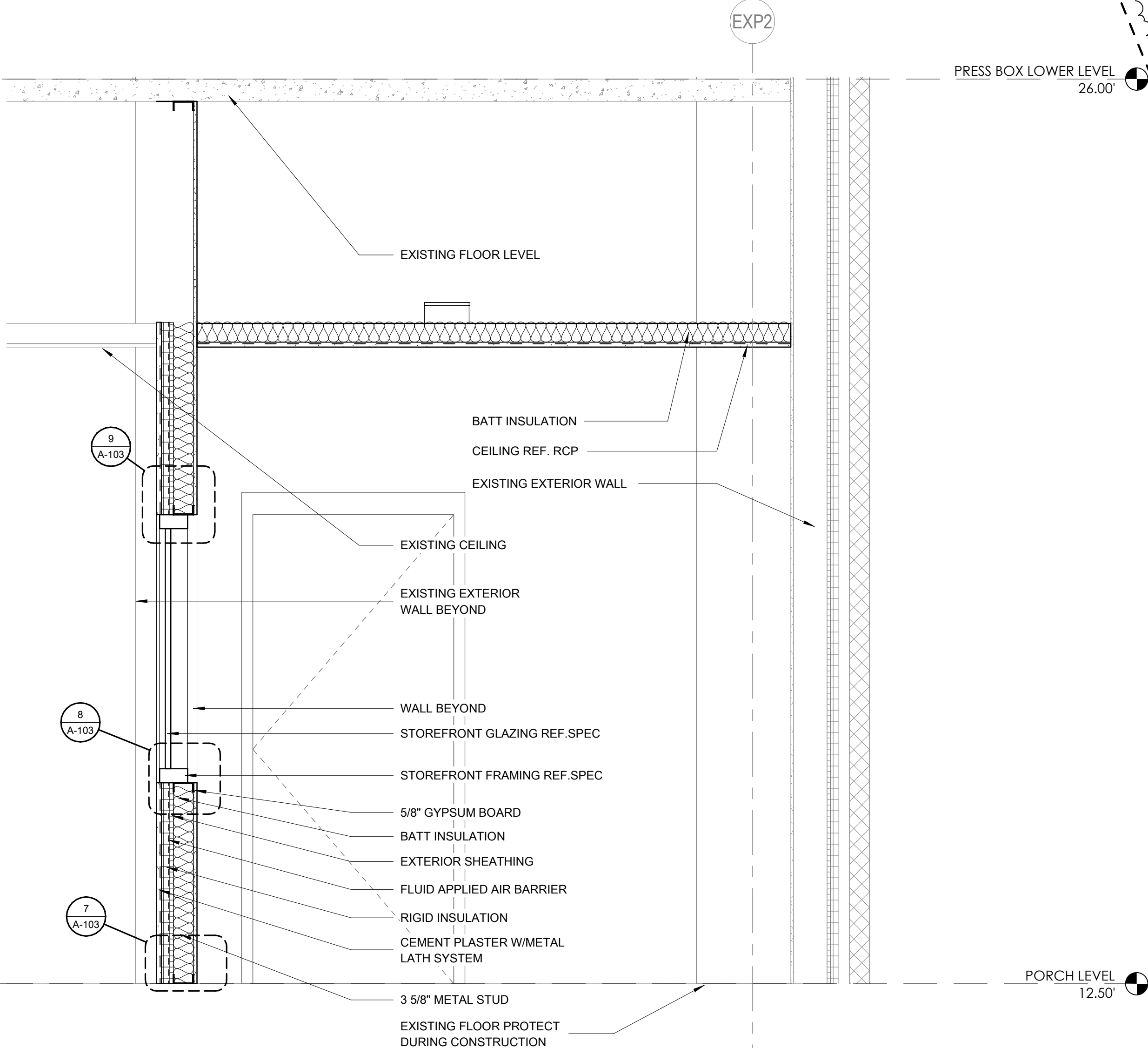
11 CONTROL ROOM DOOR ELEVATION  
1/4" = 1'-0" REF 6 / A-103



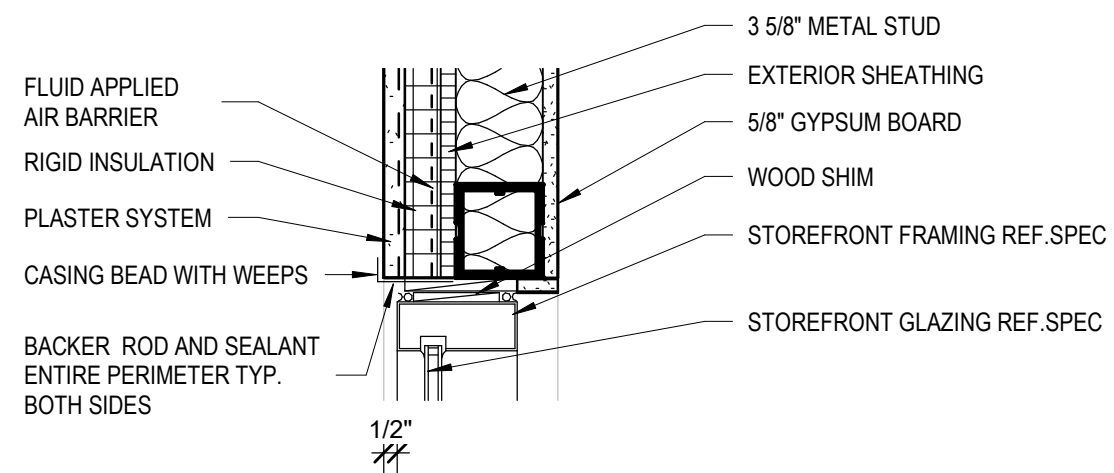
10 CONTROL ROOM INT ELEVATION  
1/4" = 1'-0" REF 6 / A-103



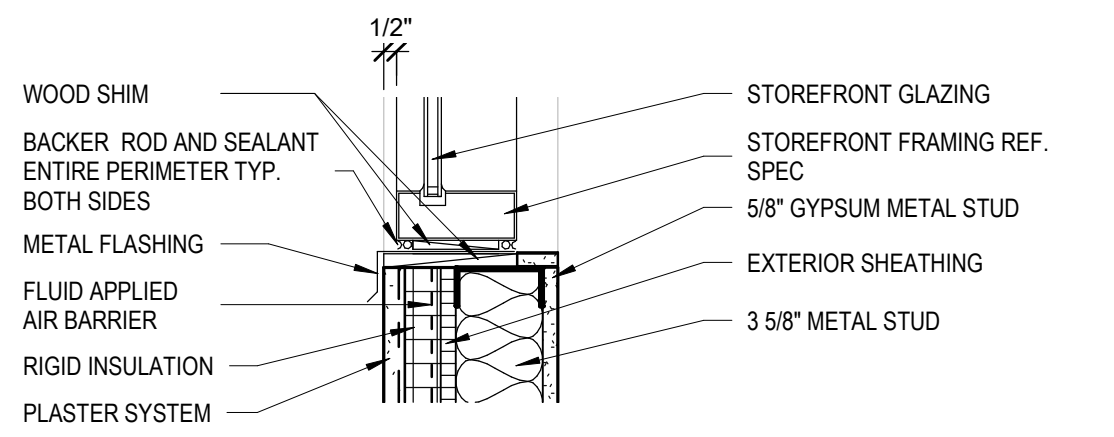
6 PRESS BOX PORCH LEVEL CONTROL ROOM (ALTERNATE #3)  
1/4" = 1'-0" REF 2 / A-103



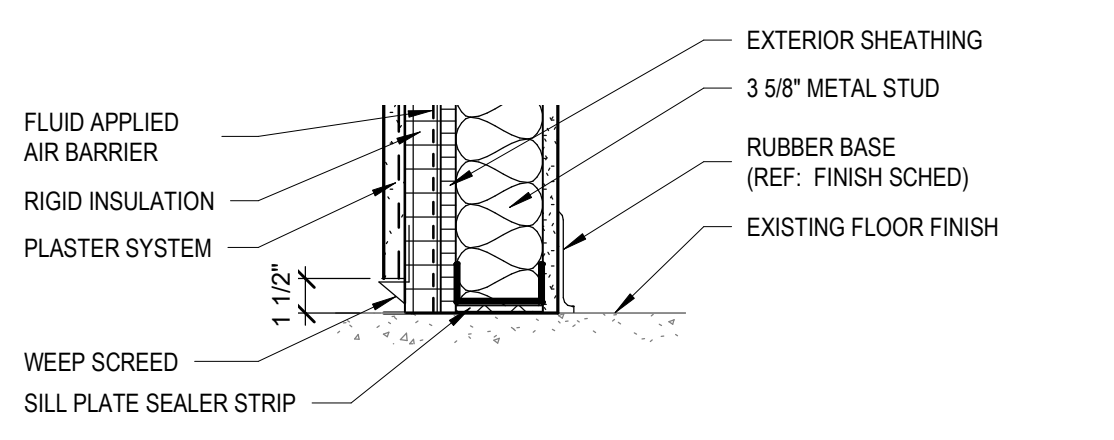
5 CONTROL ROOM WALL SECTION  
3/4" = 1'-0" REF 2 / A-103



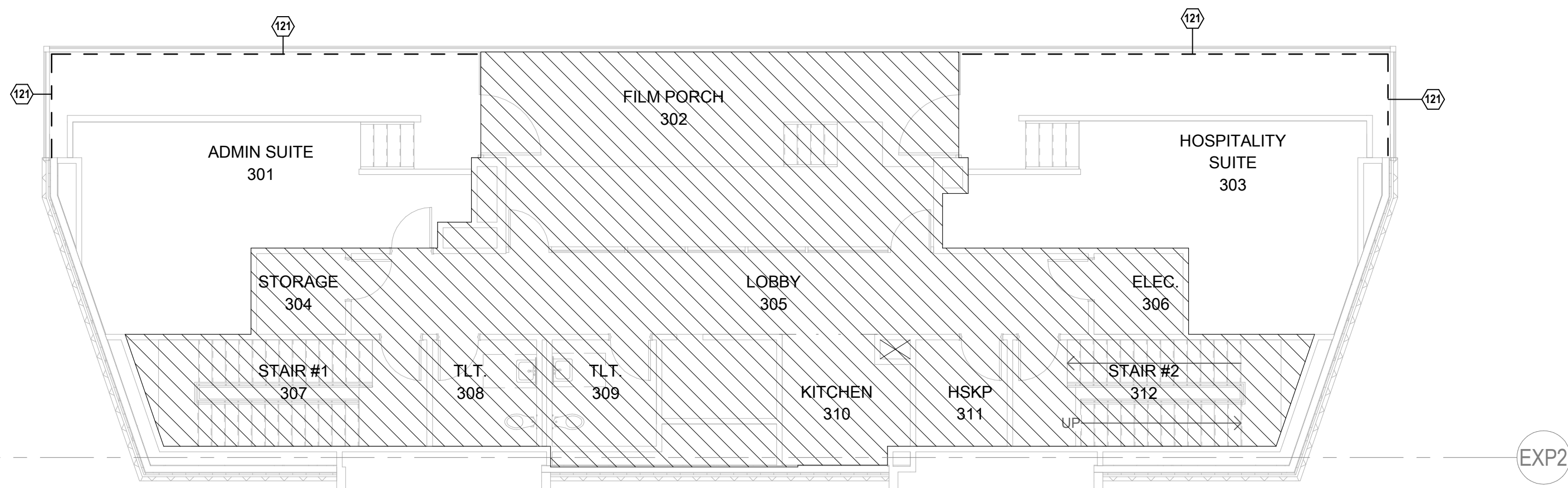
9 CONTROL ROOM WINDOW HEADER  
1 1/2" = 1'-0" REF 5 / A-103



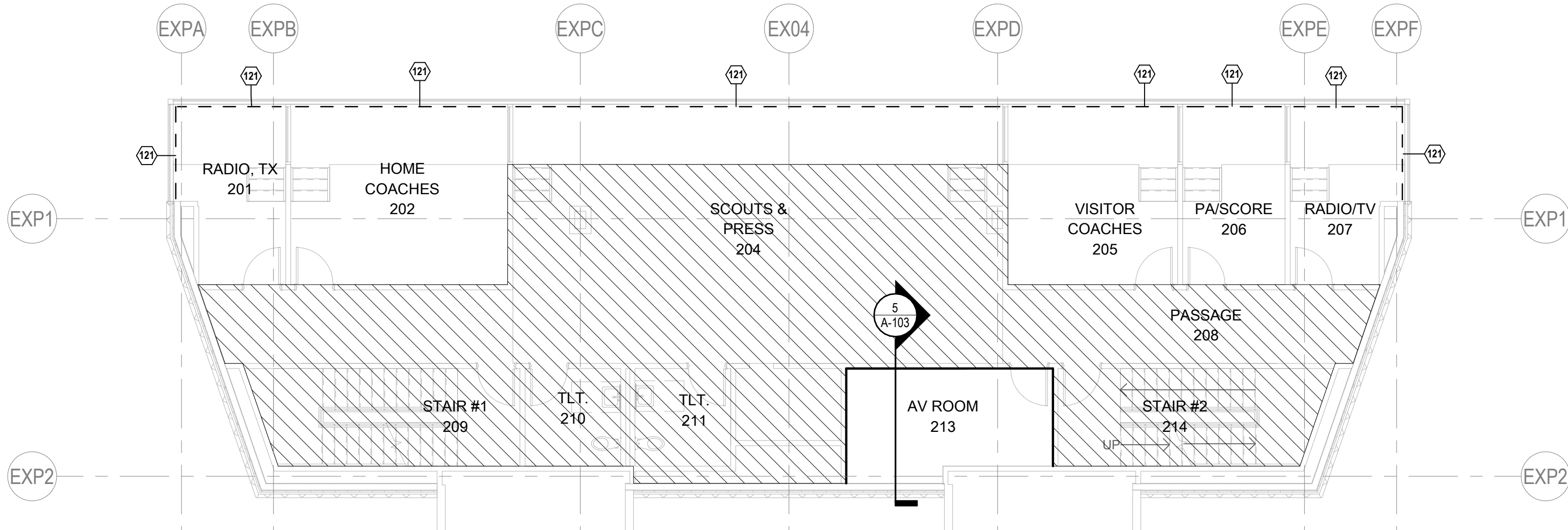
8 CONTROL ROOM STOREFRONT SILL  
1 1/2" = 1'-0" REF 5 / A-103



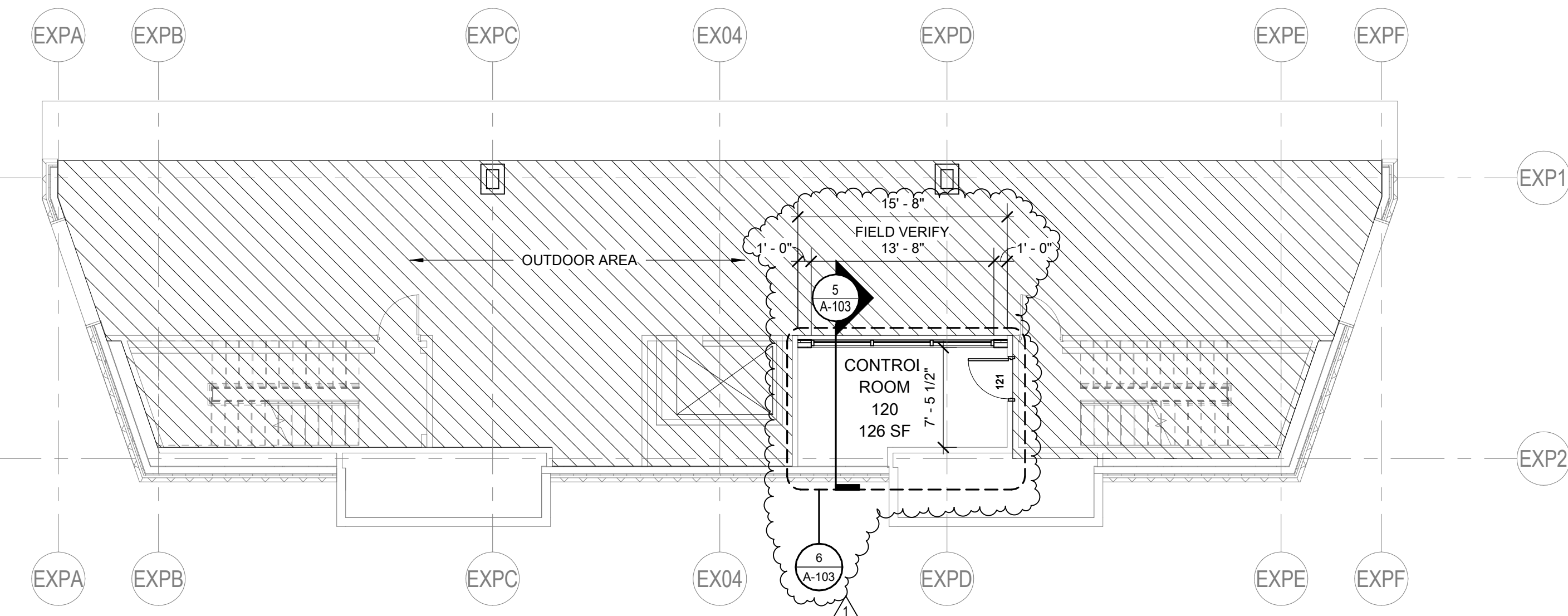
7 CONTROL ROOM BASE SECTION  
1 1/2" = 1'-0" REF 5 / A-103



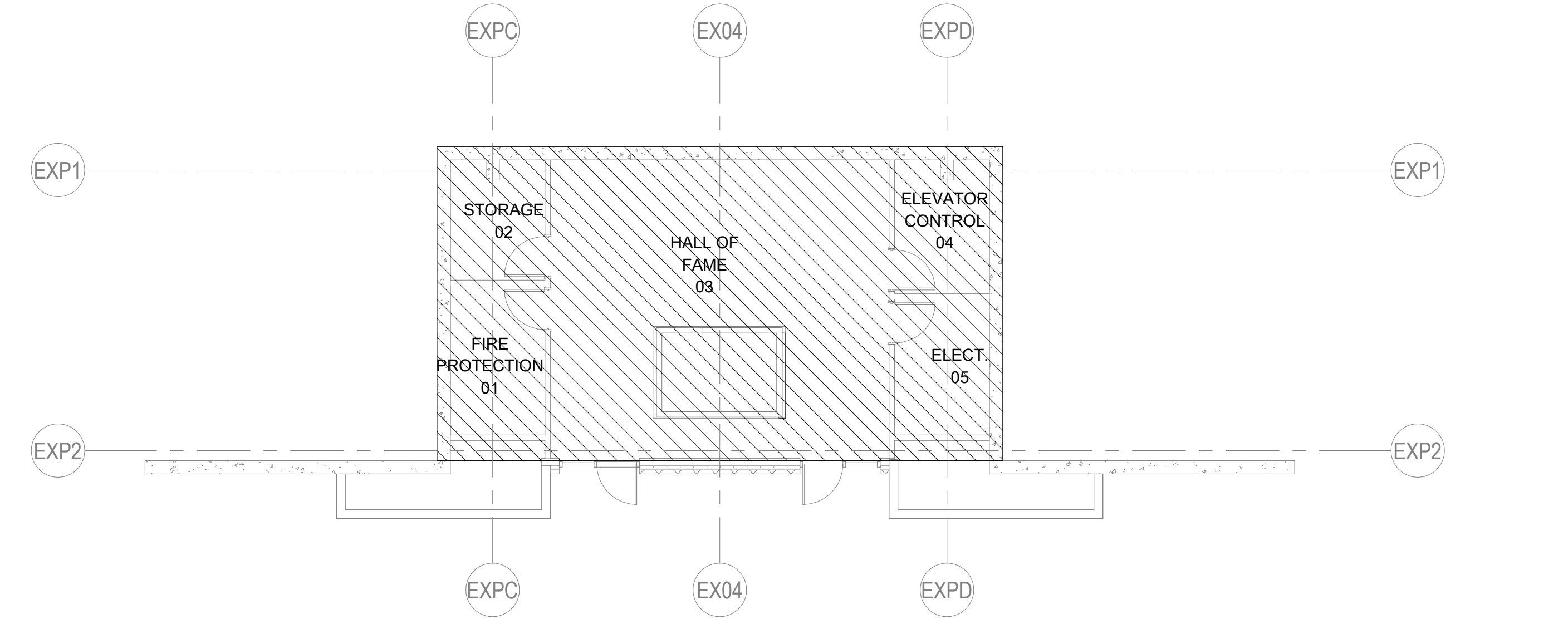
4 PRESS BOX UPPER LEVEL  
1/8" = 1'-0" REF 1 / A-201



3 PRESS BOX LOWER LEVEL  
1/8" = 1'-0" REF 5 / A-103



2 PRESS BOX PORCH LEVEL  
1/8" = 1'-0" REF 5 / A-103



1 PRESS BOX ENTRY LEVEL  
1/8" = 1'-0" REF 1 / A-201

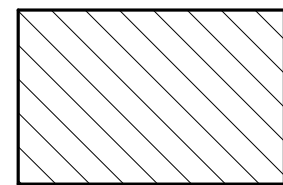
GENERAL FLOOR PLAN NOTES

- Keynotes and legends are typical for all floor plan sheets, and may not apply to each sheet.
- Dimensions are to face of masonry, concrete and studs and centerline of columns unless noted otherwise.
- See enlarged floor plans and details for specific locations of plumbing fixtures.
- Field verify all dimensions prior to fabrication of any cabinetry, frames, structural items, etc.
- Provide painted access panels in walls and ceilings at concealed items, such as valves, shock absorbers, controls, switches, etc., and any other items that may require access. It is the Contractor's responsibility to determine access panel locations.
- Not Used.
- Seal all penetrations in fire rated assemblies as required by all applicable codes. Permanently label all penetrations and assemblies.
- Verify and coordinate all requirements for owner furnished items, prior to performance of any work that is to accommodate and interface with such items.
- All angles are increments of 45 degrees unless noted otherwise.
- Extend wall envelope insulation from floor line to meet roof insulation.
- Provide "Fy" reveal FDM 625-75 or equal at all gypsum board to masonry or concrete transitions.
- All frame walls to be Type S01 and all furring walls to be F01, unless noted otherwise.

KEYNOTES - PLAN

- MOP SINK, REF. PLUMB.
- MOP RACK REF. PLUMB.
- PROVIDE CURTAIN SHOWER AND CURTAIN RODS.
- FURNITURE, BY OWNER
- BENCHES, BY OWNER
- METAL LOCKERS TYP.
- ACCESSIBLE BENCH, FLOOR MOUNTED
- FULL SIZE REFRIGERATOR, BY OWNER
- MOTORIZED PROJECTION SCREEN
- FLAT SCREEN TV, BY OWNER
- CARD READER, REF. TECH
- TROPHY CASE WITH LED LIGHTS REF. ELECT.
- PAINT STRUCTURAL COLUMNS
- LARGE COPY MACHINE REF. ELECT.
- MARKER WALL, FLOOR TO CEILING, FULL WIDTH
- MARKER WALL, FLOOR TO CEILING, 12" WIDE CENTER ON PROJECTOR SCREEN
- UPPER AND LOWER CASEWORK, REF. INTERIOR ELEVATIONS
- RELOCATE BABY CHANGING STATION. SEE FLOOR PLAN FOR NEW LOCATION.
- NEW LOCATION FOR BABY CHANGING STATION
- NOTCHED WALL FOR AMP LOCATION.
- STORAGE SHELVING BY OWNER.
- ROLLER SHADES TYP. REF. SPEC
- DOWNSPOUT LOCATION TYP. REF. CIVIL FOR STORM DRAIN CONNECTION
- TACK BOARD. GC TO INSTALL. REF. SPEC

FLOOR PLAN LEGEND



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OWP PROJECT NO. DATE OF ISSUE

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REVISIONS

DELTA	DESCRIPTION	DATE
1	ADDENDUM 2	10.18.2021

PROJECT TEAM DRAWN BY  
ED TEXAS EA

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

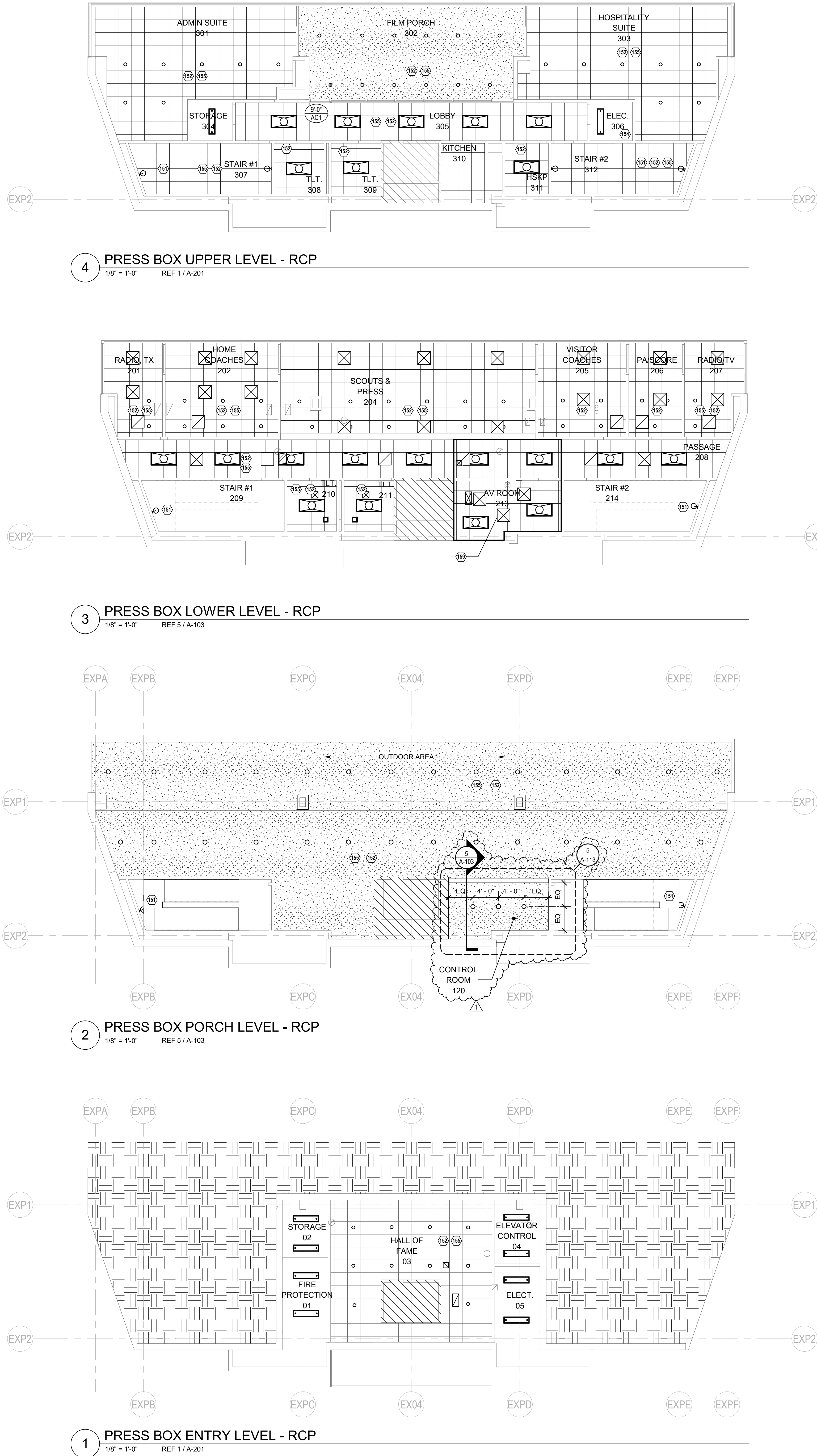
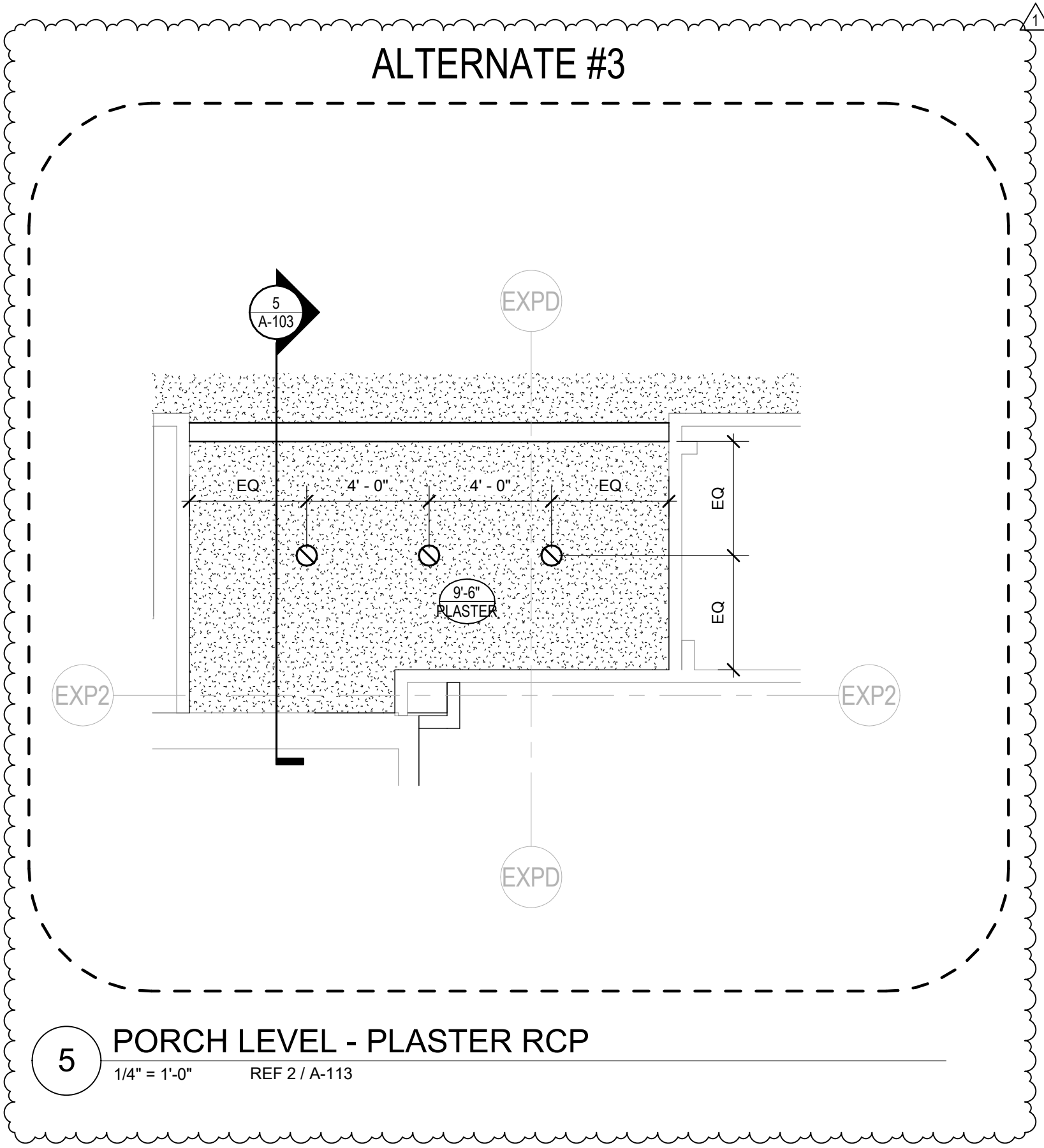
SHEET CONTENTS  
PRESSBOX FLOOR  
PLAN

SHEET NO.

A-103



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GENERAL DIMENSION NOTES

- A. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ACTIVITIES. ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED SHALL BE REPORTED TO THE ARCHITECT AT ONCE.
- B. THE CONTRACTOR SHALL NOT SCALE DRAWINGS.
- C. DIMENSIONS ARE NOT ADJUSTABLE UNLESS NOTED WITH PLUSMINUS TOLERANCE.
- D. DIMENSIONS ARE INDICATED AS FOLLOWS UNLESS OTHERWISE NOTED:
- E. COLUMNS - FROM CENTERLINE TO CENTERLINE
- F. METAL STUD PARTITIONS - FROM FACE OF STUD TO FACE OF STUD
- G. WOOD STUD PARTITIONS - FROM FACE OF STUD TO FACE OF STUD
- H. CONCRETE - FROM FACE OF CONCRETE TO FACE OF CONCRETE
- I. MASONRY - FROM FACE OF MASONRY TO FACE OF MASONRY
- J. EXTERIOR WALL - FROM EXTERIOR FACE OF WALL TO INTERIOR FACE OF STUD
- K. INTERIOR ELEVATION - FROM FINISHED FLOOR TO FINISHED CEILING OR FINISHED WALL TO FINISHED WALL
- L. DOOR SHALL BE LOCATED 6" FROM CLEAR OPENING TO ADJACENT WALL UNLESS OTHERWISE NOTED.
- M. ALL FLOOR TO FLOOR AND CEILING HEIGHTS SHOWN ON DRAWINGS ARE FROM FINISH FLOOR.

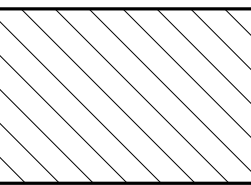
GENERAL FLOOR PLAN NOTES

- A. Keynotes and legends are typical for all floor plan sheets, and may not apply to each sheet.
- B. Dimensions are to face of masonry, concrete and studs and centerline of columns unless noted otherwise.
- C. See enlarged floor plans and details for specific locations of plumbing fixtures.
- D. Field verify all dimensions prior to fabrication of any cabinetry, frames, structural items, etc.
- E. Provide painted access panels in walls and ceilings at concealed items, such as valves, shock absorbers, controls, switches, etc., and any other items that may require access. It is the Contractor's responsibility to determine access panel locations.
- F. Not Used.
- G. Seal all penetrations in fire rated assemblies as required by all applicable codes. Permanently label all penetrations and assemblies.
- H. Verify and coordinate all requirements for owner furnished items, prior to performance of any work that is to accommodate and interface with such items.
- I. All angles are increments of 45 degrees unless noted otherwise.
- J. Extend wall envelope insulation from floor line to meet roof insulation.
- K. Provide "F"ry" reveal FDM 625-75 or equal at all gypsum board to masonry or concrete transitions.
- L. All frame walls to be Type S01 and all turring walls to be F01, unless noted otherwise.

KEYNOTES - RCP

- 150 METAL CANOPY REF. STRUCT.
- 151 RELAMP WALL MOUNTED LIGHTS, REF. ELEC
- 152 RELAMP LIGHT FIXTURE ONLY, RELAMPING ALL EXISTING LIGHT FIXTURE IN THE ROOM ONLY, REF. ELEC.
- 153 EXTERIOR WALL-PACK LIGHTS TYP. REF. ELEC.
- 154 OPEN TO DECK
- 155 EXISTING ITEMS TO STAY ACUSTICAL CEILING TILES, GYPSUM BOARD, AND PLASTER CEMENT CEILING TYP. DO NOT REMOVE CEILING.
- 156 LED CAN LIGHTS AT OUTDOOR COVERED AREA.
- 157 1 HOUR FIRE RATED GYPSUM BOARD CEILING.
- 158 CEILING PLASTER W/METAL LATH SYSTEM AND LIGHT FIXTURES REF. ELEC
- 159 CEILING TILES AND LIGHT FIXTURES REF. ELEC.

RCP LEGEND



NO WORK AREA

REFL. CEILING PLAN GEN. NOTES

- OPEN EXPOSED TO STRUCTURE ABOVE
- 10'-0" AC1 HEIGHT ABOVE FINISHED FLOOR
- CEILING TYPE
- SUPPLY DIFFUSER (SEE MECH.)
- RETURN DIFFUSER (SEE MECH.)
- EMERGENCY LIGHT (SEE ELEC.)
- CEILING MOUNTED EMERGENCY EXIT LIGHT (SEE ELEC.)
- WALL MOUNTED EMERGENCY EXIT LIGHT (SEE ELEC.)

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STADIUM ADDITIONS AND  
RENOVATIONS  
1800 S 14 ST. MIDLOTHIAN, TX 76065

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OWP PROJECT NO. DATE OF ISSUE  
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REVISIONS		
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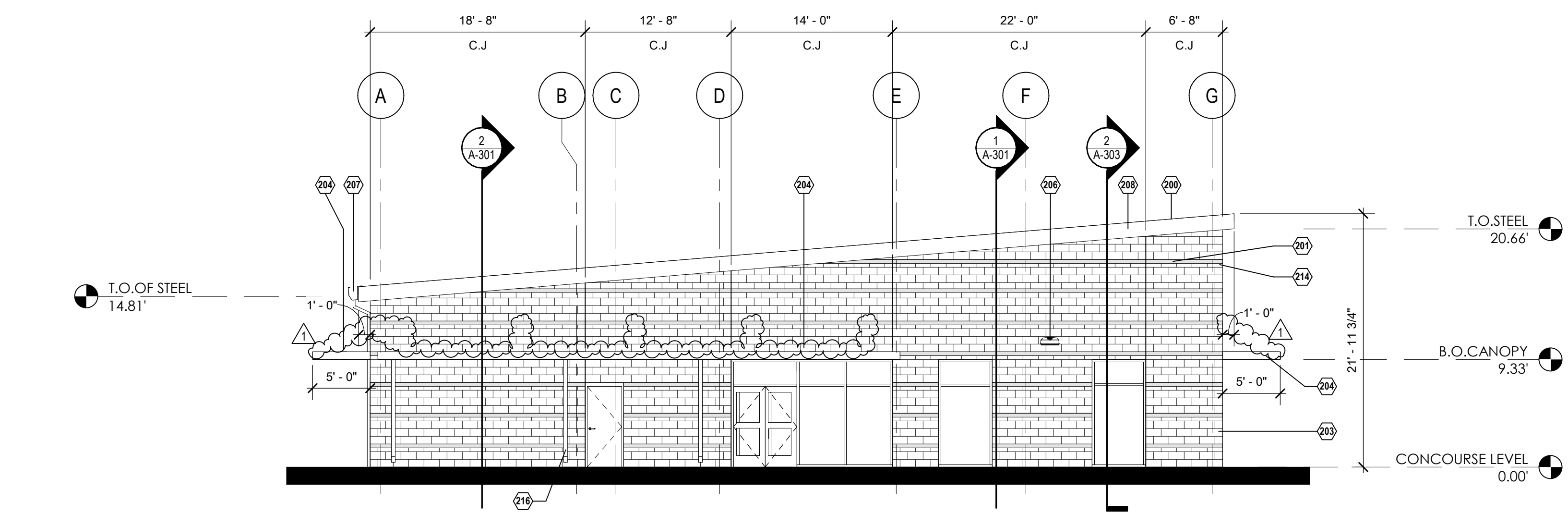
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ED TEXAS EA  
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PRESS BOX RCP

SHEET NO.

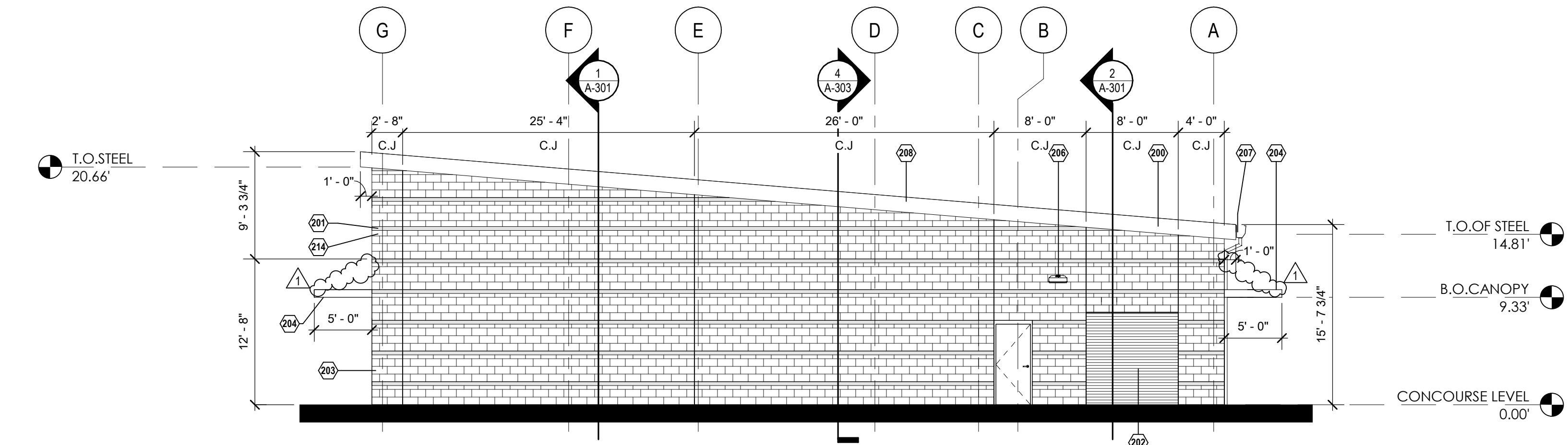
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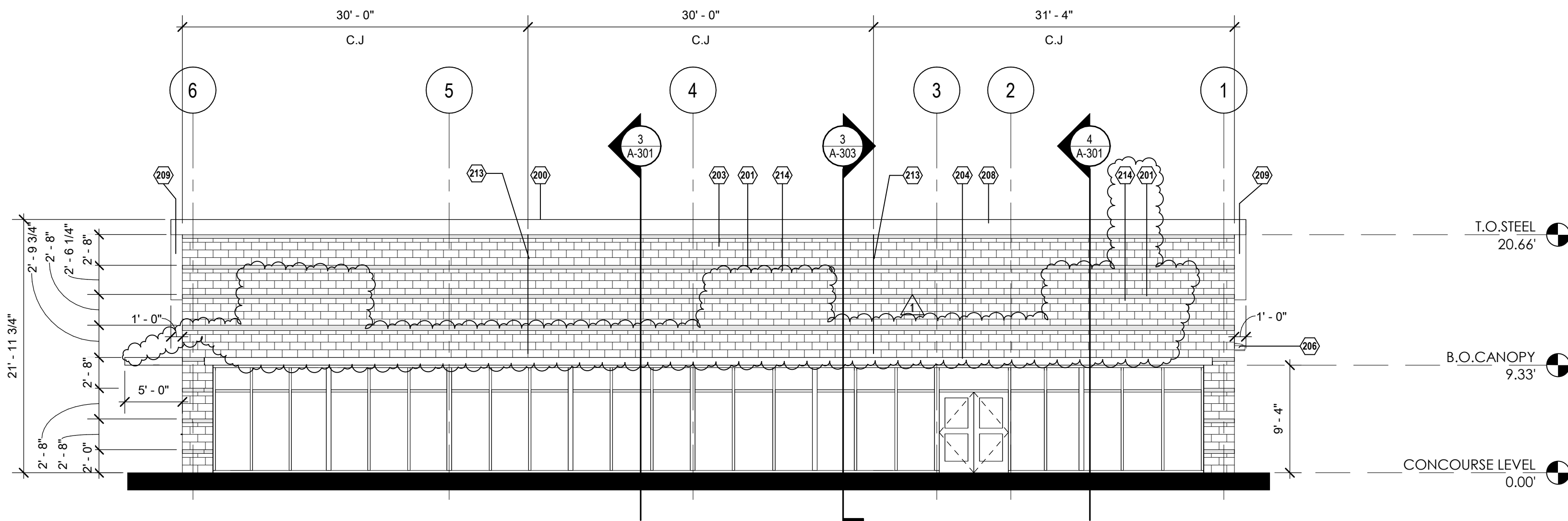
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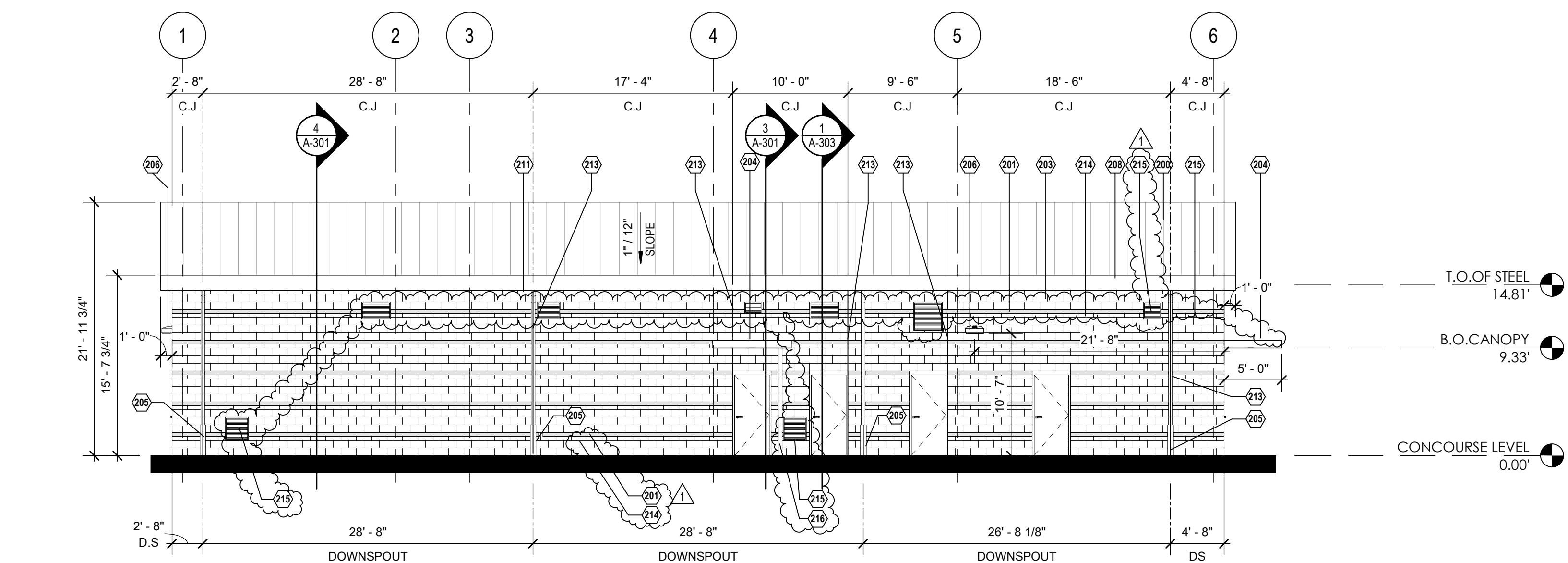
4 EXTERIOR BUILDING ELEVATION - WEST ATHLETIC OFFICE  
1/8" = 1'-0"



3 EXTERIOR BUILDING ELEVATION - EAST ATHLETIC OFFICE  
1/8" = 1'-0"



2 EXTERIOR BUILDING ELEVATION - SOUTH ATHLETIC OFFICE  
1/8" = 1'-0"



1 EXTERIOR BUILDING ELEVATION - NORTH ATHLETIC OFFICE  
1/8" = 1'-0"

#### ELEVATION GENERAL NOTES

- All exposed stem walls shall be of masonry type indicated for walls above floor line.
- Sidewalks at building and structures shall match finish floor flush at doorways and slope away from the building.
- Paint all exposed metal that is not specified to receive factory finish.
- All exposed flashing shall be factory finished.
- See Plans and Schedule for door and window types and sizes.

#### KEYNOTES - ELEVATION

- STANDING SEAM METAL ROOF SYSTEM
- 4" BURRISH CMU BLOCK TO MATCH EXISTING BUILDING.
- STEEL OVERHEAD DOOR REF. SPEC AND DOOR SCHEDULE
- CMU SPLITFACE AND BARNISH VENEER WALL
- GALVANIZED CANOPY REF. STRUCT.
- CAST IRON BOOT COLLAR TO DOWNSPOUT TYP.
- WALL MOUNTED LIGHT FIXTURE, REF. ELECT.
- PREFINISHED METAL GUTTER AND DOWNSPOUT
- CEMENT PLASTER FASCIA
- CEMENT PLASTER SOFFIT
- METAL DOWNSPOUT CONNECTED TO STORM DRAIN REF. CIVIL COLOR TO MATCH METAL PANEL COLOR (TYP.)
- PRESSURE WASH ALL WALL SURFACE. CAREFUL NOT TO DAMAGE SEALANTS.
- PROVIDE CONTROL JOINTS AT MASONRY WALL TYP. SEE EXTERIOR ELEVATIONS FOR LOCATIONS.
- 4" SPLITFACE CMU BLOCK TO MATCH EXISTING BUILDING.
- STORM CLASS LOUVER SCH601. REF. SPECS. TYP.
- DOWNSPOUT FOR CANOPY REF. STRUCT FOR LOCATION TYP.

# MIDLOTHIAN ISD STADIUM ADDITIONS AND RENOVATIONS 1800 S 14 ST. MIDLOTHIAN, TX 76065

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CONSTRUCTION DOCUMENTS

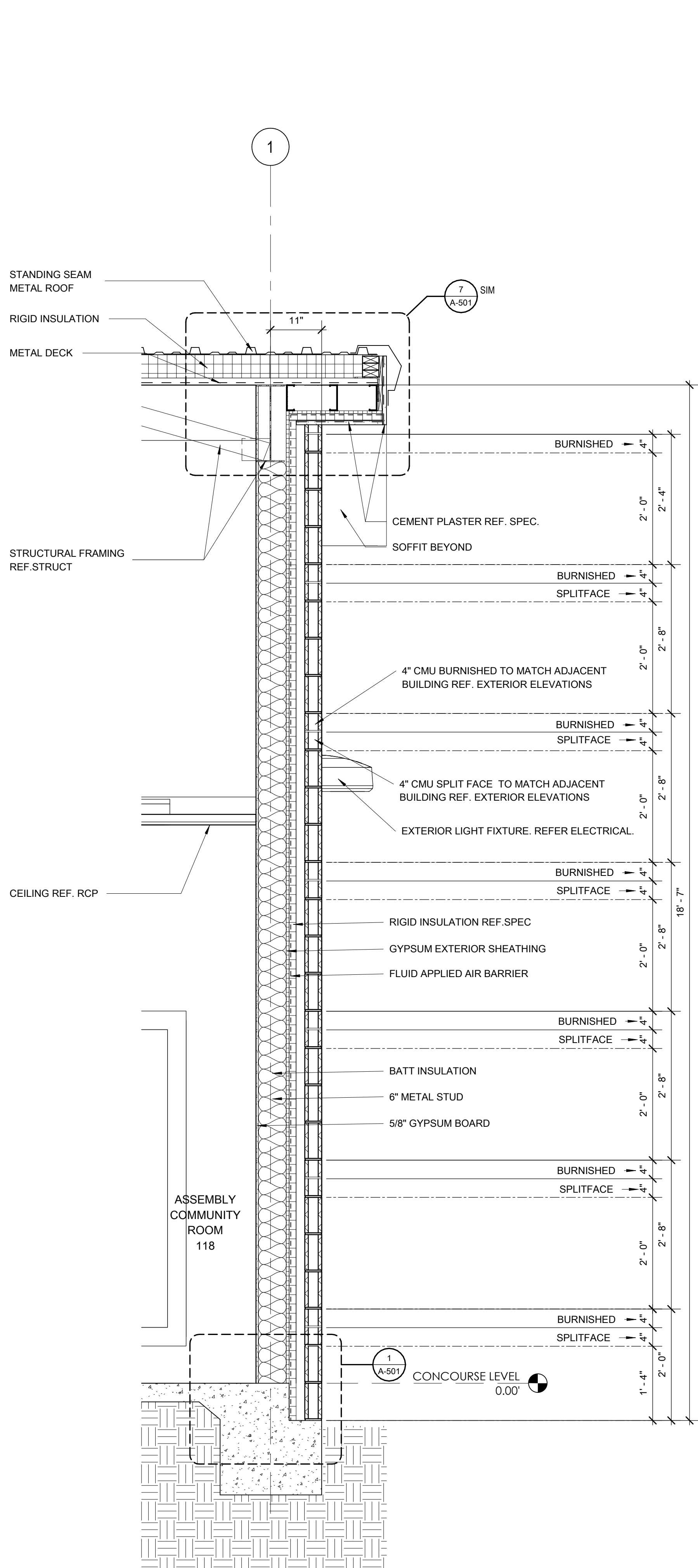
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BUILDING ELEVATIONS

SHEET NO.

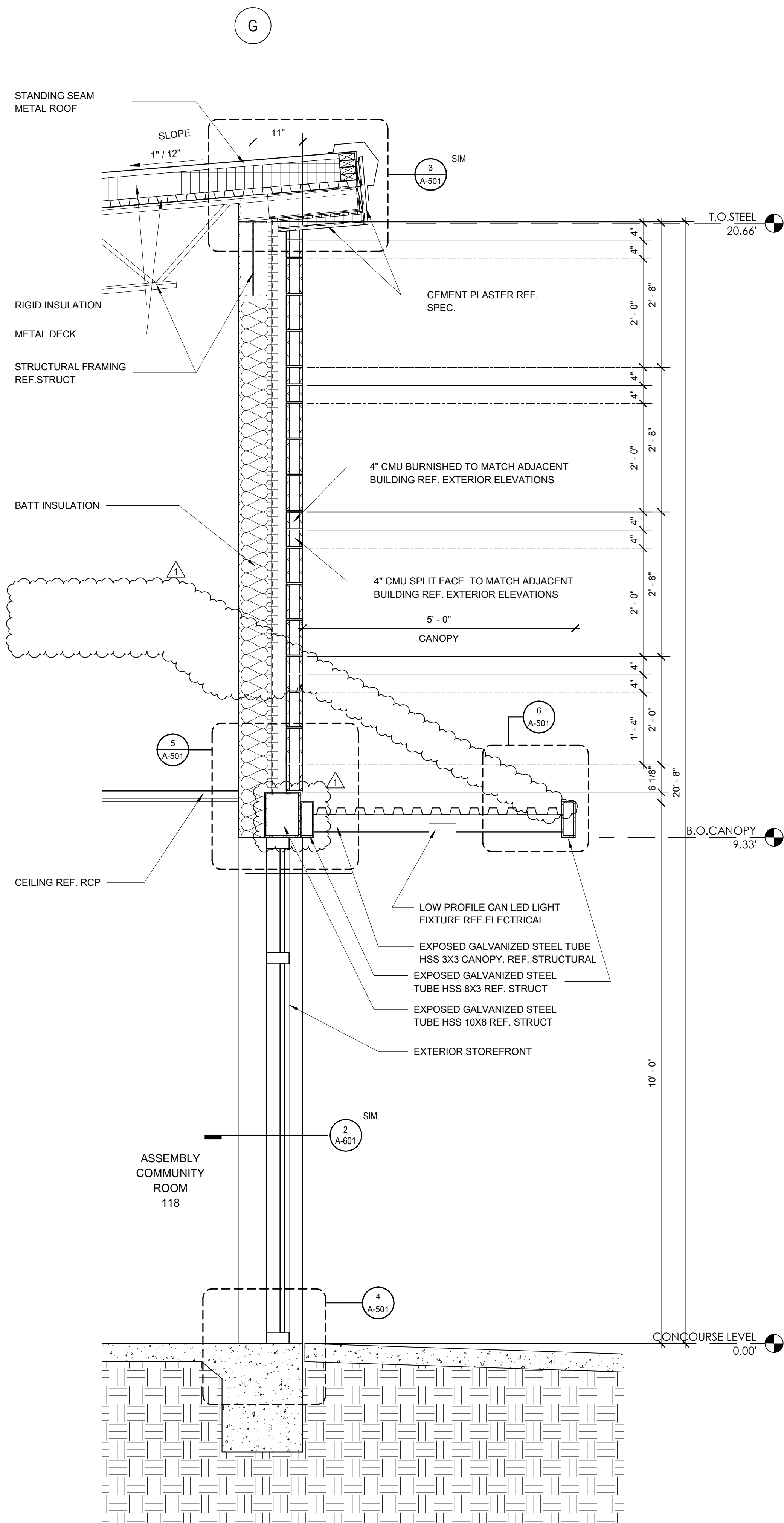
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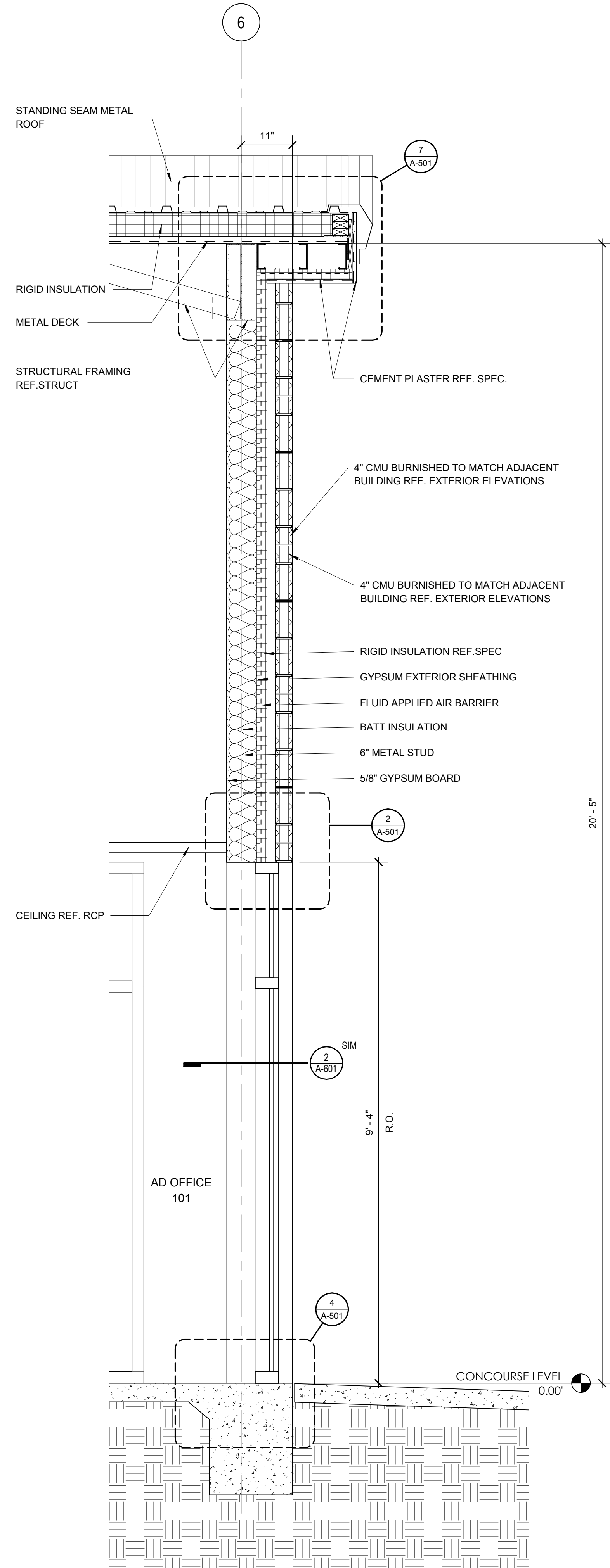
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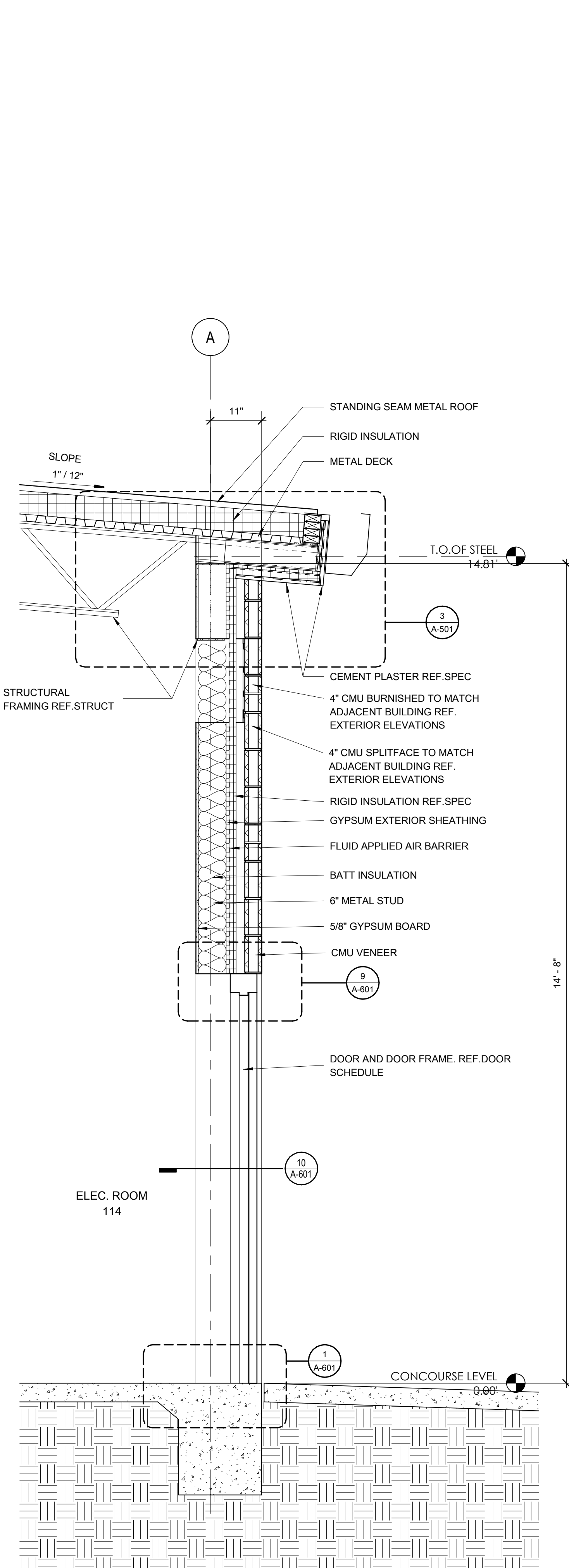
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3/4" = 1'-0" REF 1 / A-101



3 CMU WALL SECTION - SOUTH  
3/4" = 1'-0" REF 1 / A-101



2 CMU WALL SECTION - WEST  
3/4" = 1'-0" REF 1 / A-101



1 CMU WALL SECTION - NORTH  
3/4" = 1'-0" REF 1 / A-101

MIDLOTHIAN ISD  
**STADIUM ADDITIONS AND RENOVATIONS**  
1800 S 14 ST. MIDLOTHIAN, TX 76065

CLIENT CONTACT  
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100 Walter Stephenson Rd.  
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468-856-5000 T rola.fadel@msid.gs  
-- F  
OWP PROJECT NO. DATE OF ISSUE  
2021-154-00 10.07.2021

REVISIONS		
DELTA	DESCRIPTION	DATE
1	ADDENDUM 2	10.18.2021

PROJECT TEAM DRAWN BY  
ED TEXAS EA

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

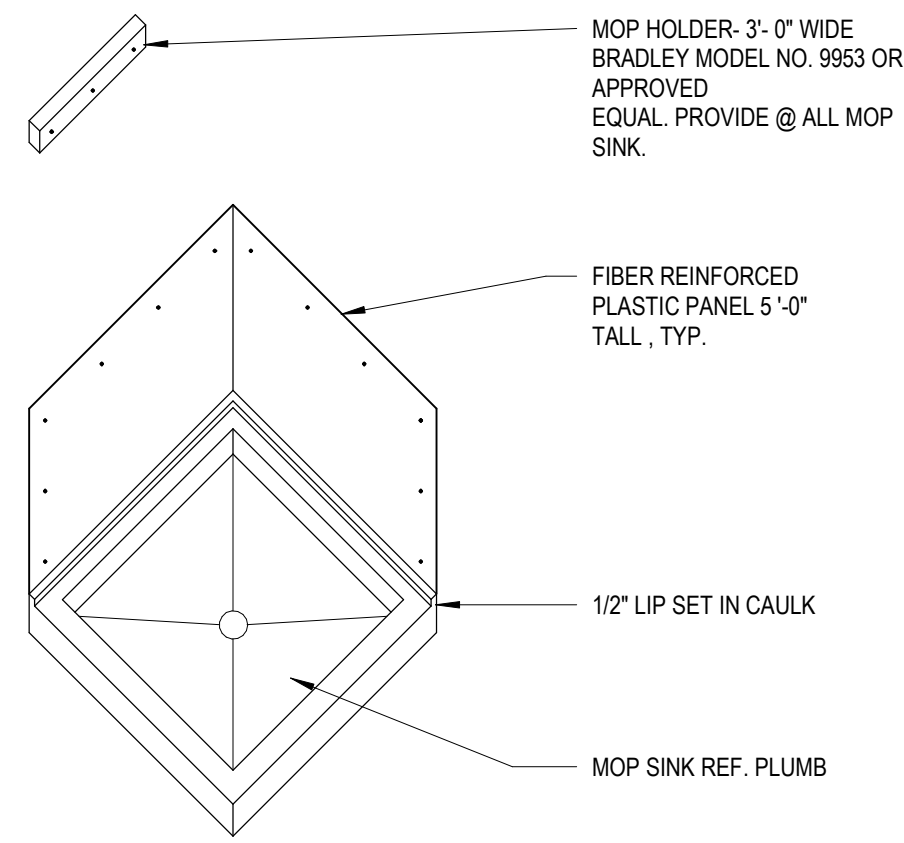
SHEET CONTENTS  
WALL SECTIONS

SHEET NO.

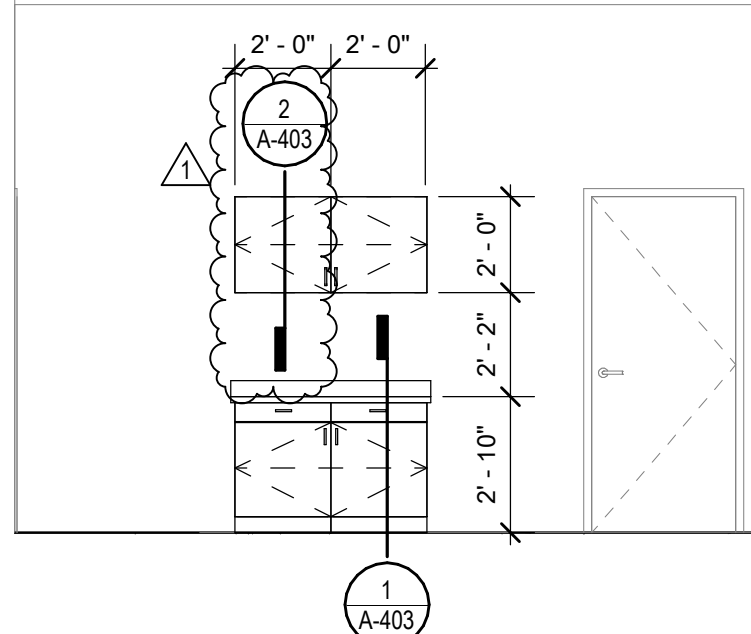
A-303



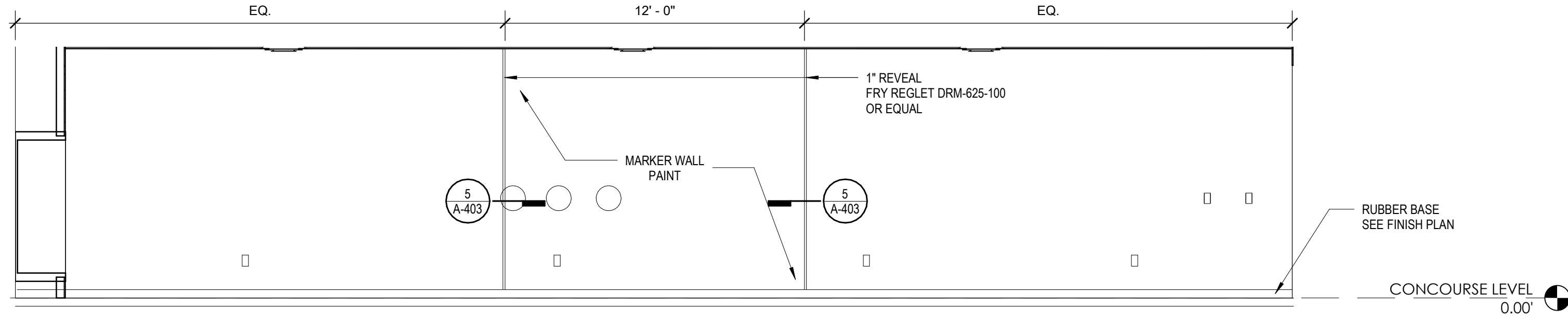
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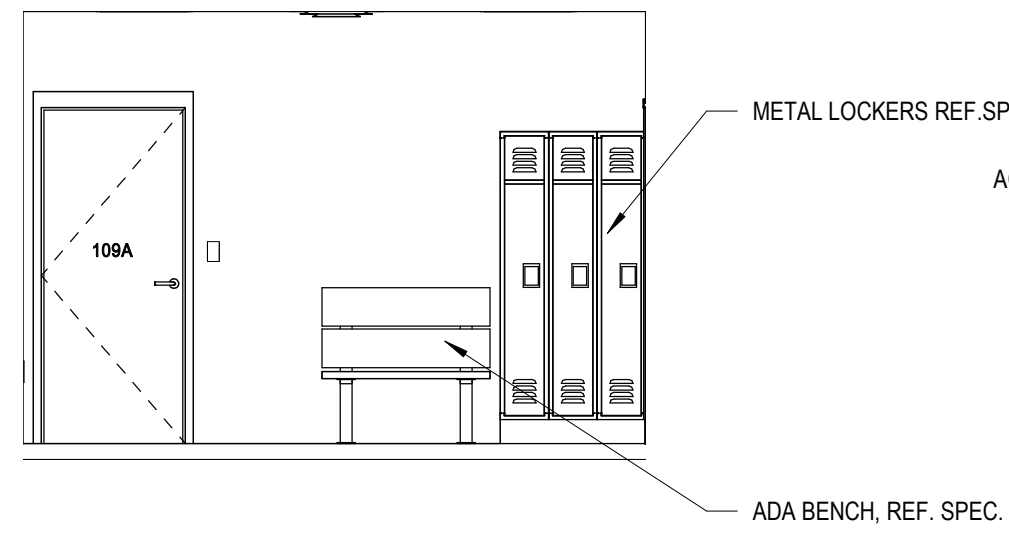
24 MOP SINK  
1/2" = 1'-0" REF 1 / A-101



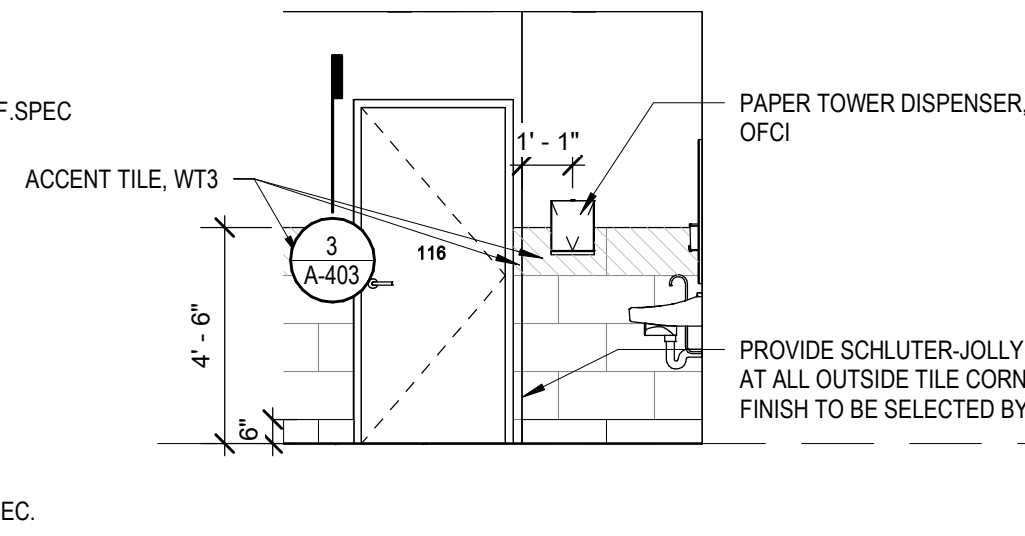
23 FIELD HOUSE NEW CASEWORK  
1/4" = 1'-0" REF 1 / A-104



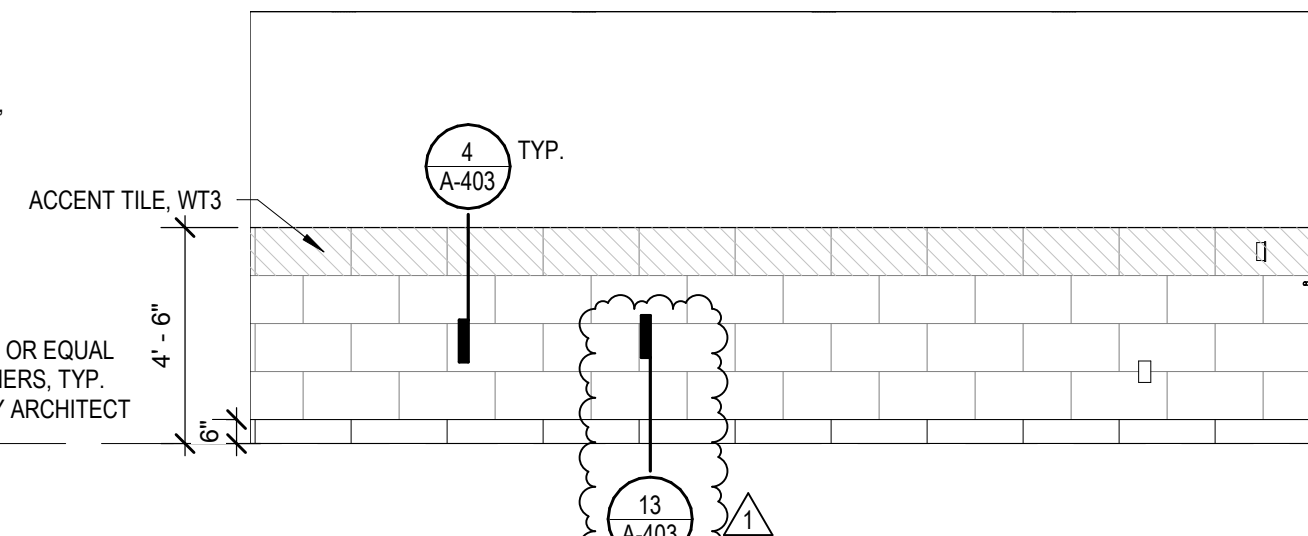
22 ASSEMBLY COMMUNITY ROOM ELEVATION  
1/4" = 1'-0" REF 1 / A-03



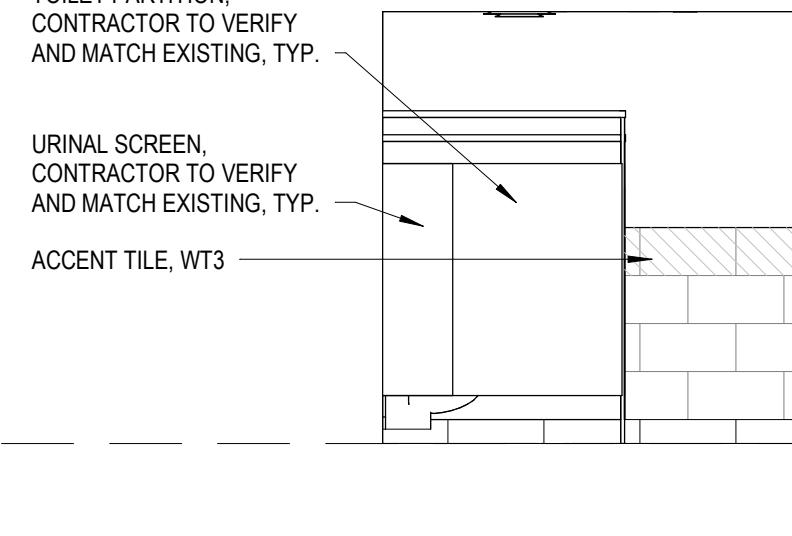
21 OFFICIALS' LOCKER ROOM  
1/4" = 1'-0" REF 1 / A-03



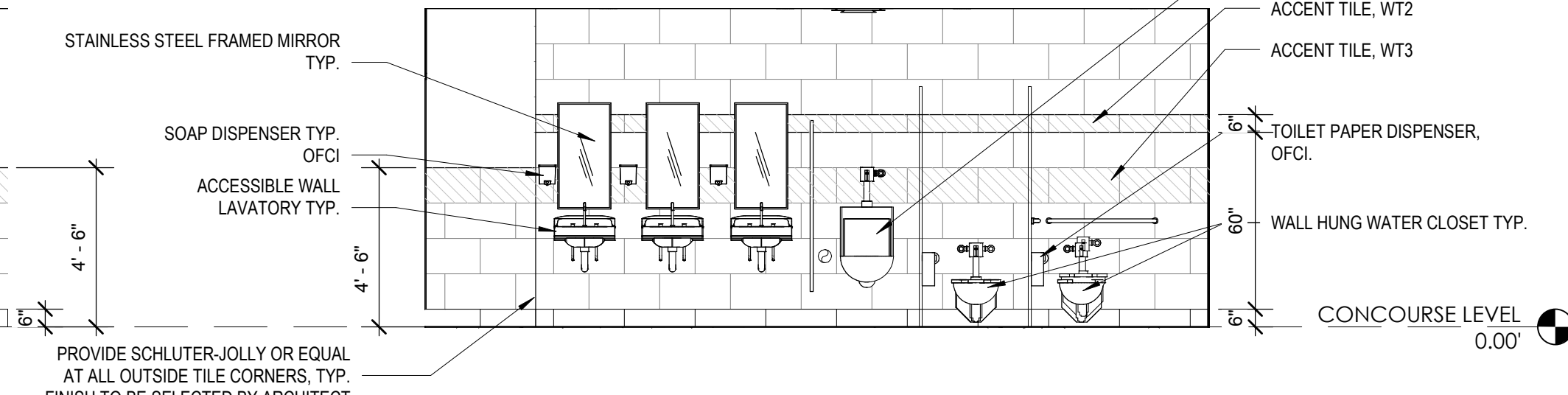
20 MENS' RR 116 - ELEVATION  
1/4" = 1'-0" REF 1 / A-402



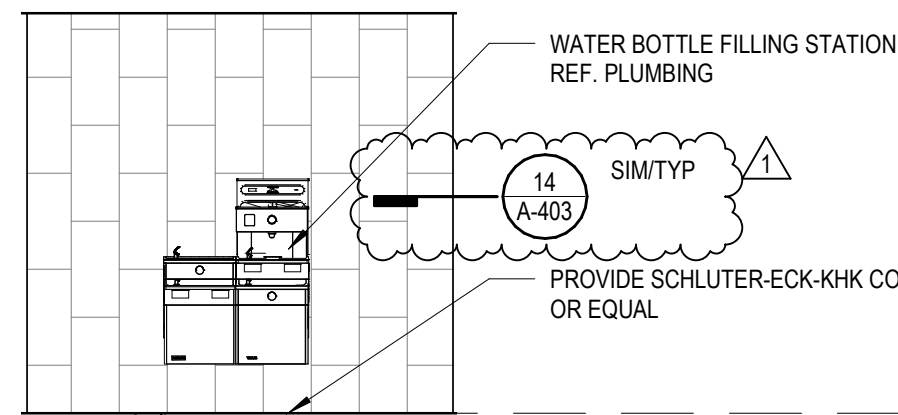
19 MENS' RR 116 - ELEVATION  
1/4" = 1'-0" REF 1 / A-402



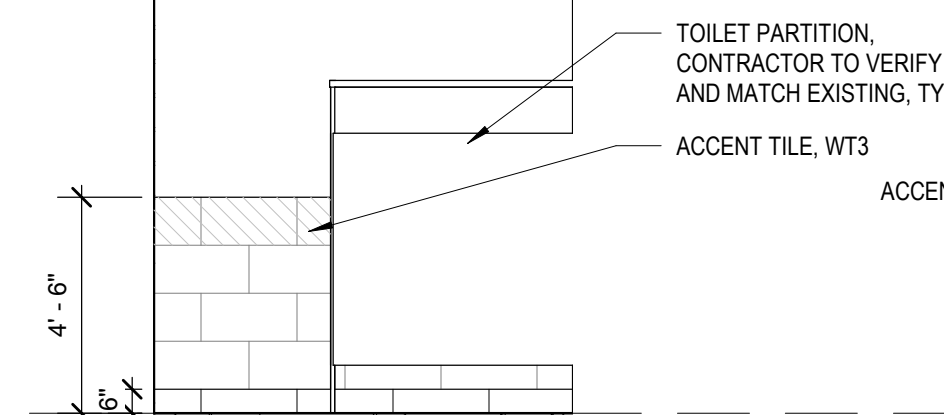
18 MENS' RR 116 - ELEVATION  
1/4" = 1'-0" REF 1 / A-402



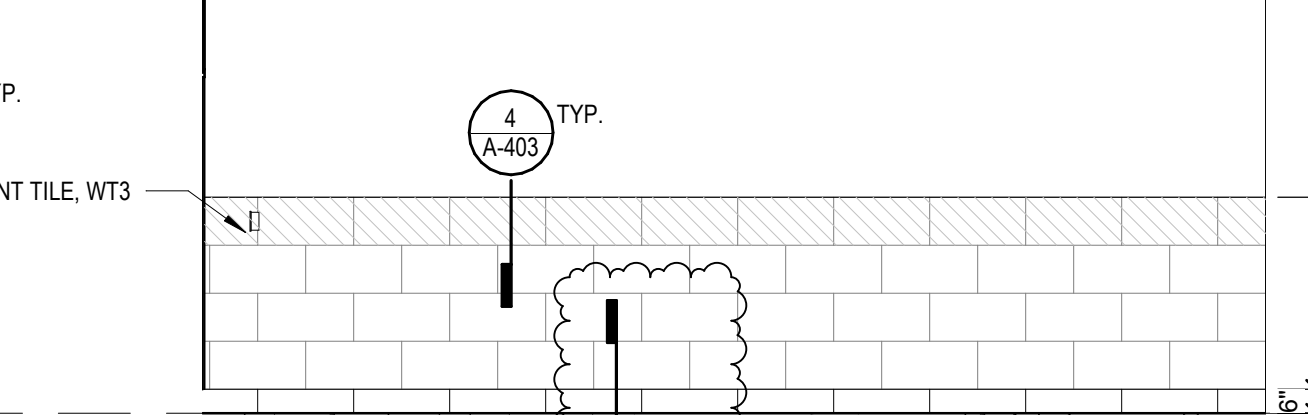
17 MENS' RR 116 - ELEVATION  
1/4" = 1'-0" REF 1 / A-402



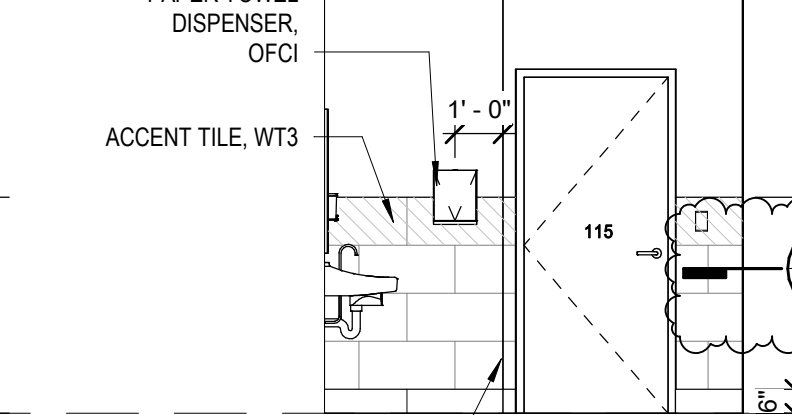
16 WATER FOUNTAIN ELEVATION  
1/4" = 1'-0" REF 1 / A-402



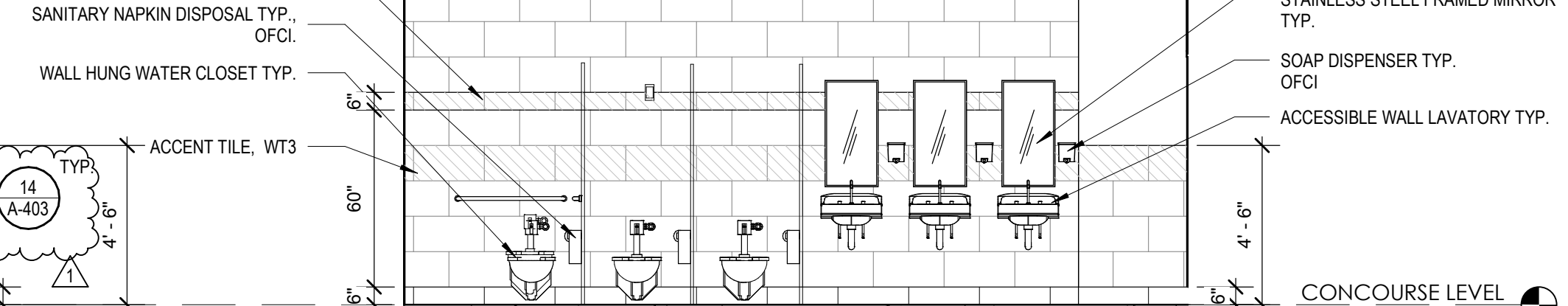
15 ATHLETIC OFFICE WOMENS RR ELEVATION  
1/4" = 1'-0" REF 1 / A-402



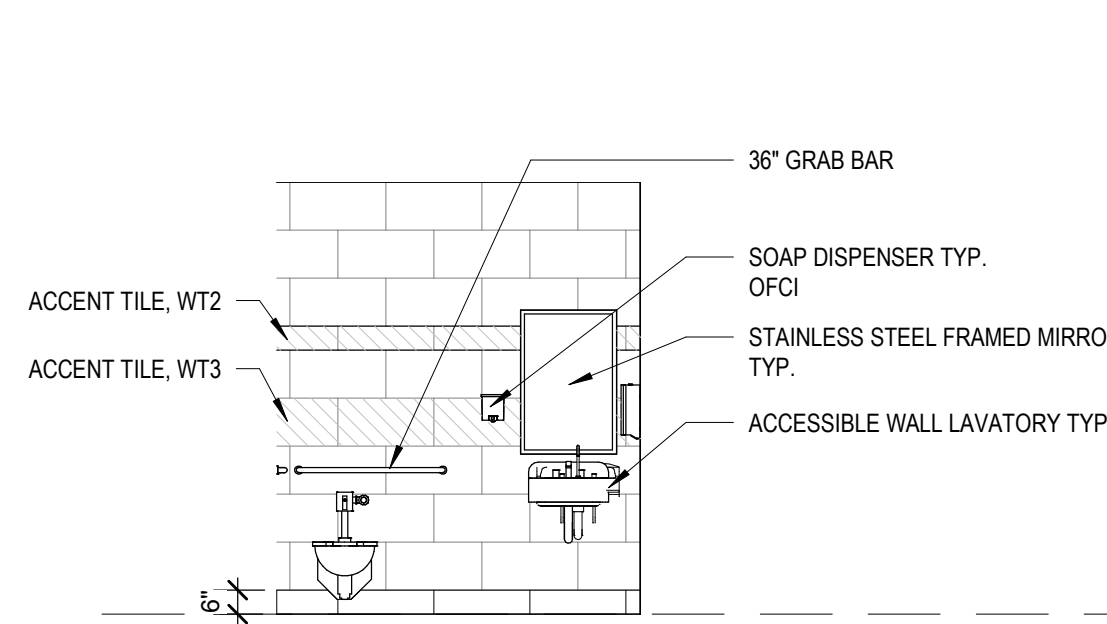
14 ATHLETIC OFFICE WOMENS RR ELEVATION  
1/4" = 1'-0" REF 1 / A-402



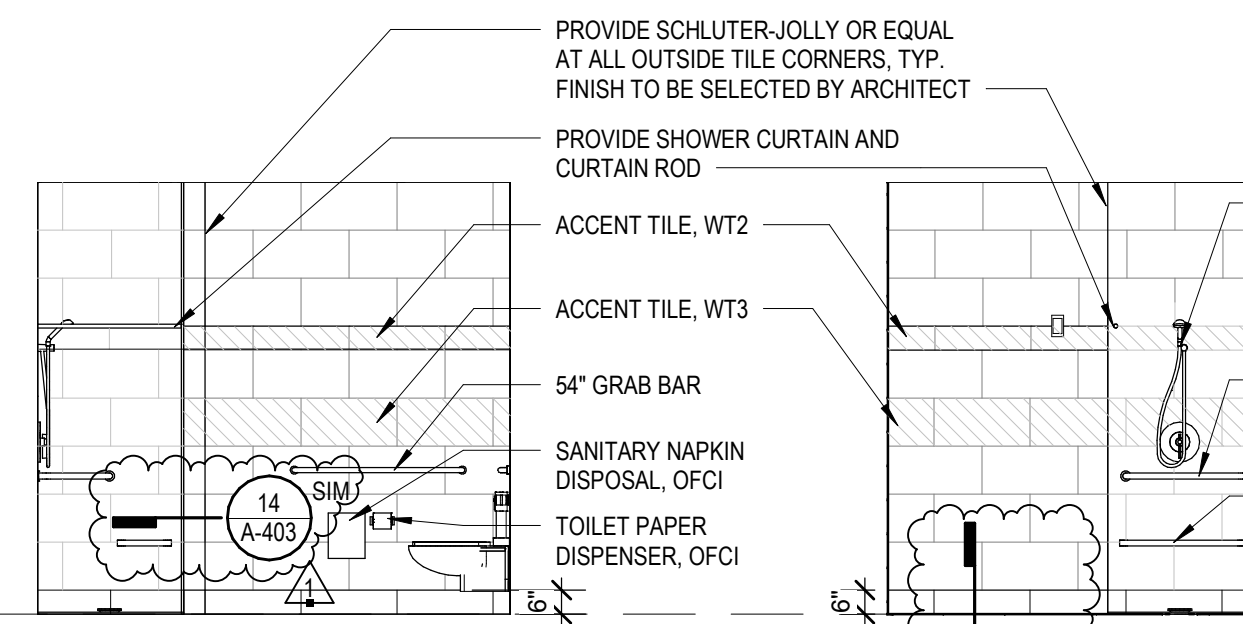
13 ATHLETIC OFFICE WOMENS RR ELEVATION  
1/4" = 1'-0" REF 1 / A-402



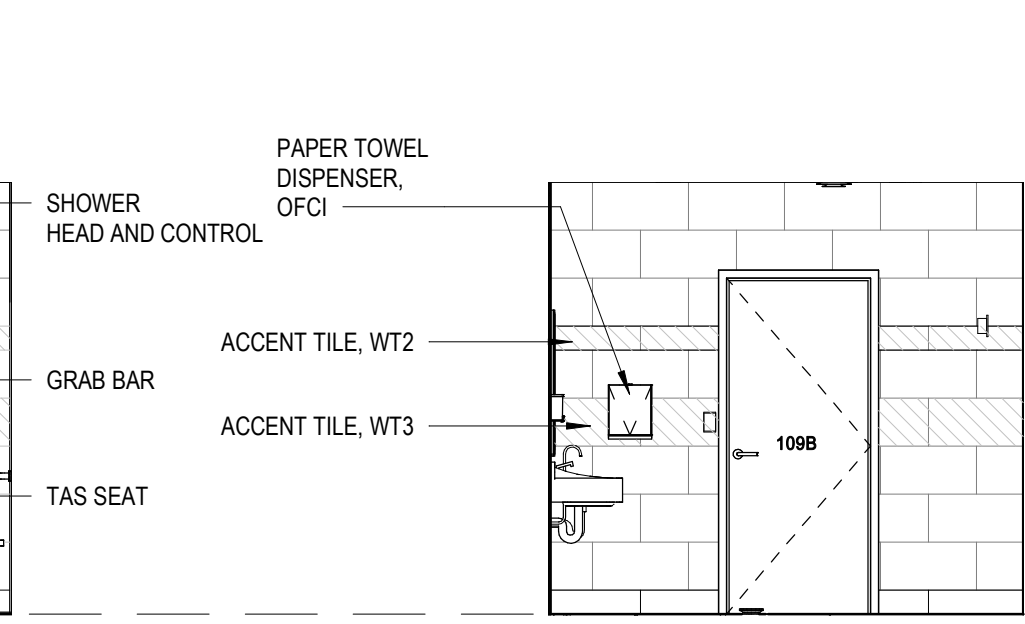
12 ATHLETIC OFFICE WOMENS RR ELEVATION  
1/4" = 1'-0" REF 1 / A-402



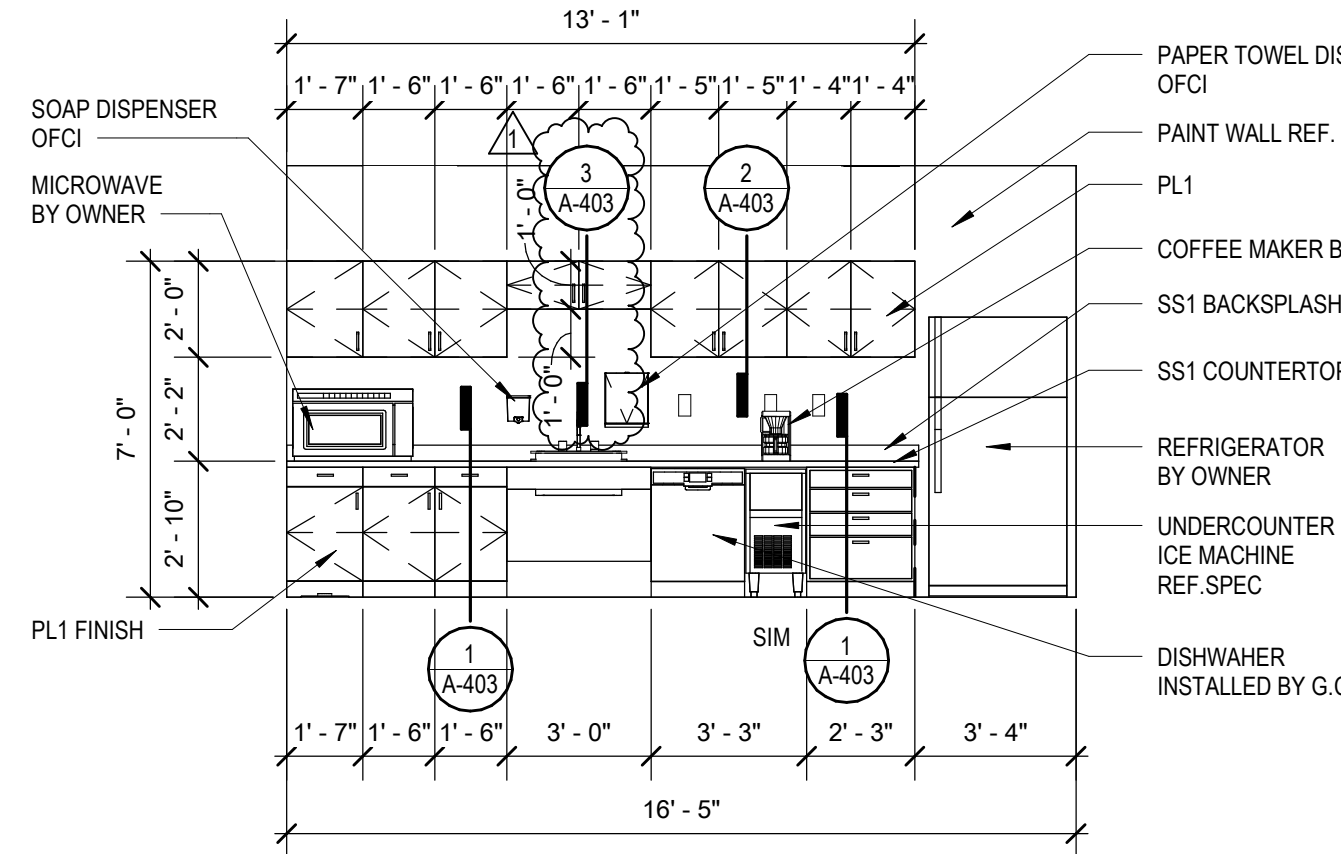
11 SHOWER ROOM  
1/4" = 1'-0" REF 2 / A-402



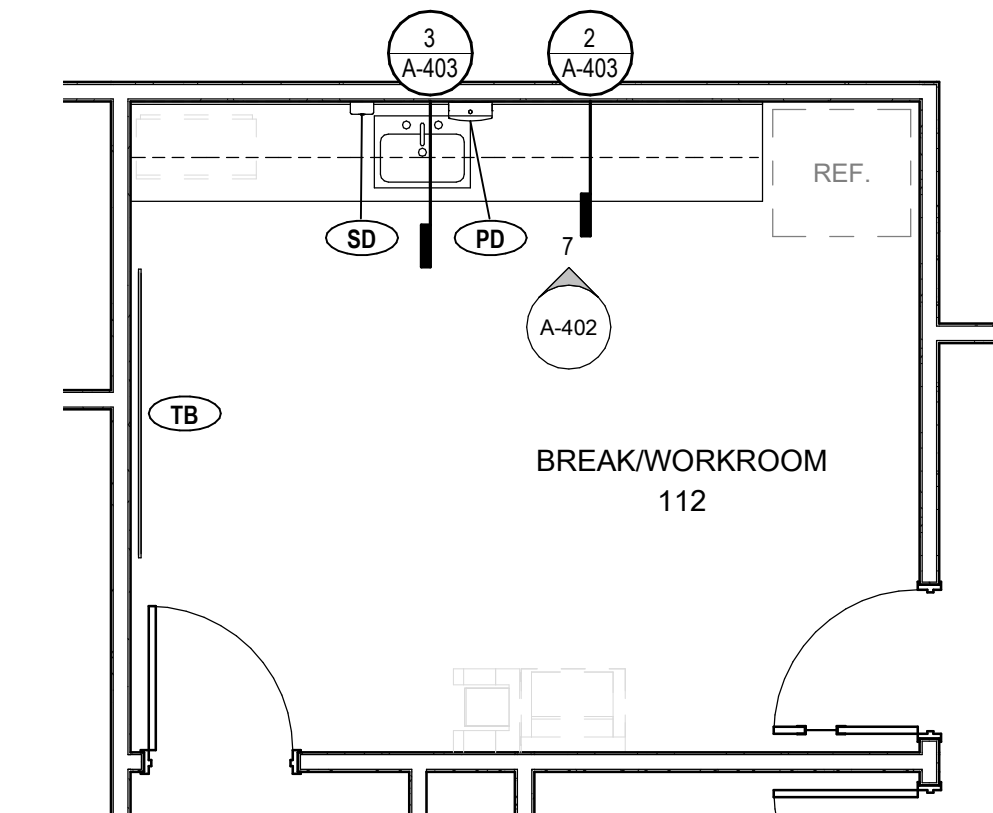
10 TAS SHOWER  
1/4" = 1'-0" REF 2 / A-402



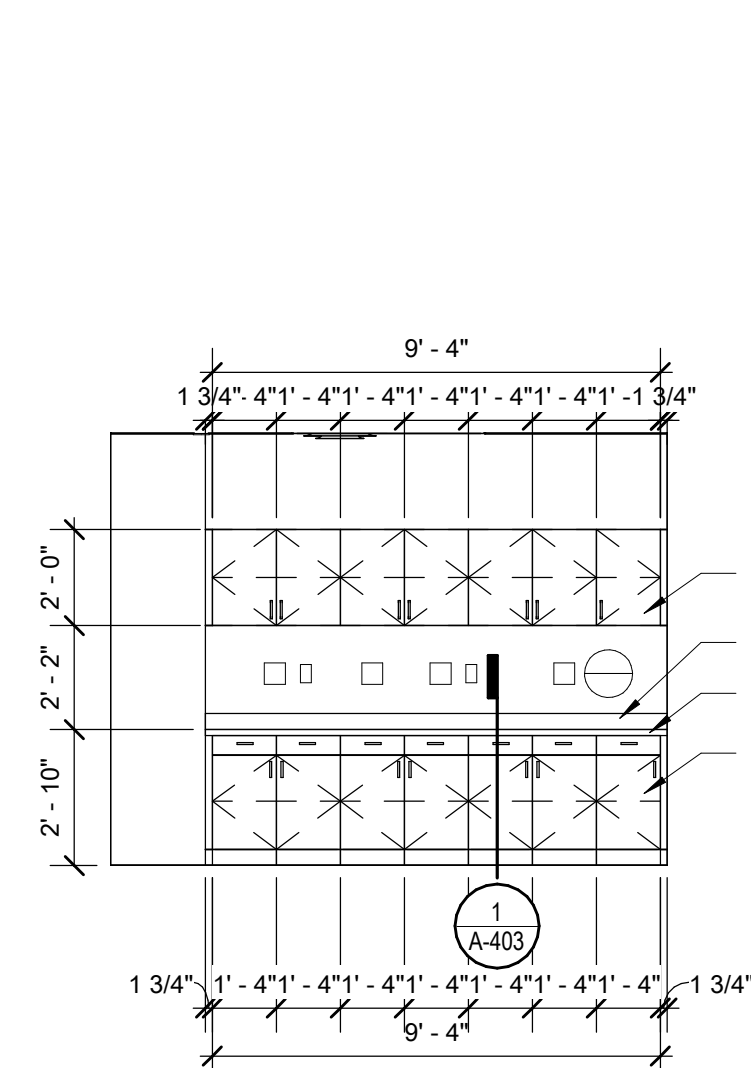
8 SHOWER ROOM  
1/4" = 1'-0" REF 2 / A-402



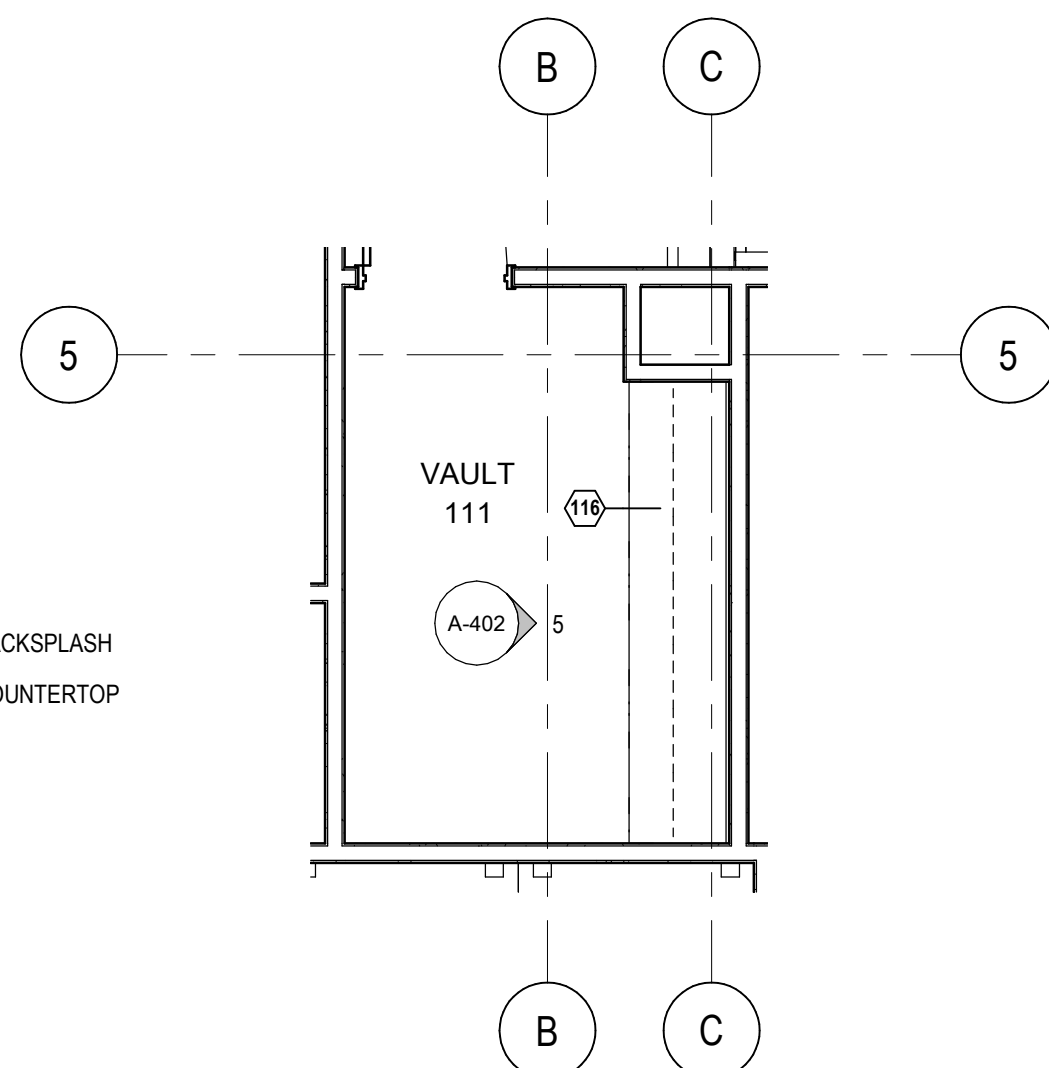
7 CASEWORK ELEVATION - BREAKROOM  
1/4" = 1'-0" REF 1 / A-03



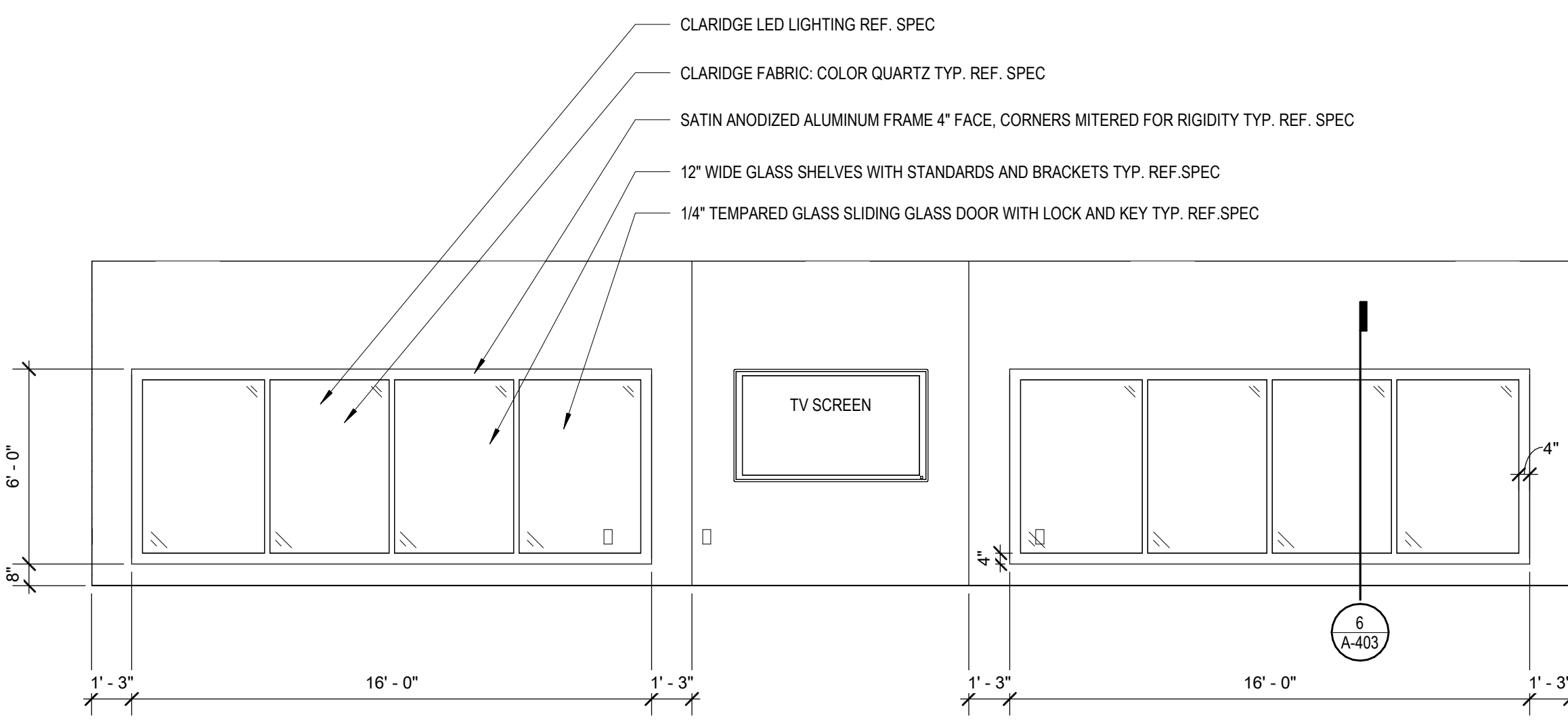
6 DETAIL PLAN - CASEWORK  
1/4" = 1'-0" REF 1 / A-101



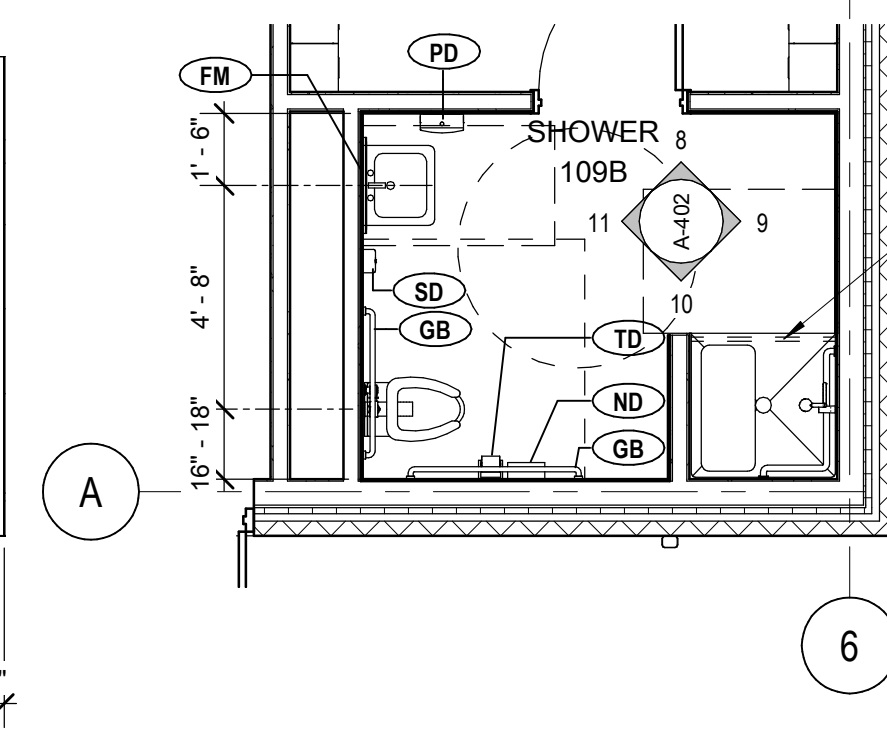
5 CASEWORK ELEVATION - VAULT  
1/4" = 1'-0" REF 1 / A-03



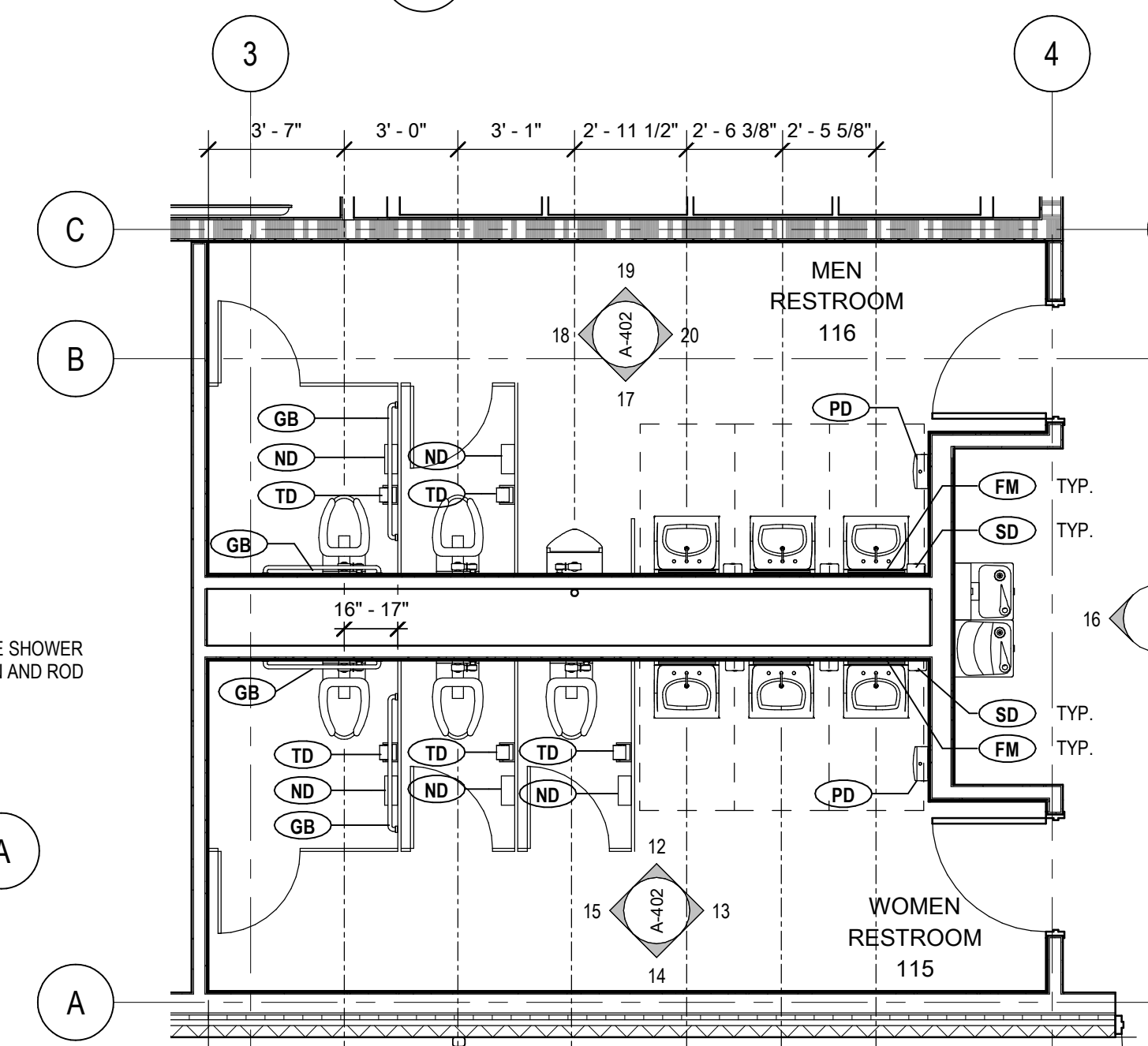
4 DETAIL PLAN - VAULT  
1/4" = 1'-0" REF 1 / A-101



3 INTERIOR ELEVATION - TROPHY CASE  
1/4" = 1'-0" REF 1 / A-101



2 ENLARGED DETAIL PLAN - SHOWER  
1/4" = 1'-0" REF 1 / A-101



1 ENLARGED DETAIL PLAN - RESTROOMS  
1/4" = 1'-0" REF 1 / A-101

#### TOILET PLAN GENERAL NOTES

- ALL TOILET ROOM WALLS TO DECK, UNLESS NOTED OTHERWISE.
- PROVIDE ACOUSTICAL BATT INSULATION IN STUD WALLS SURROUNDING TOILET ROOM.
- PROVIDE WALL MOUNTED DOOR STOPS IN RESTROOMS.
- REFER TO SHEETS G010 AND G011 FOR ADA DETAILS AND ACCESSORY INFORMATION TYP.
- COORDINATE INSTALLATION OF REQUIRED BLOCKING AND STABILIZING FOR FIXTURES.
- THE STRUCTURAL STRENGTH OF GRAB BARS AT ACCESSIBLE WATER CLOSET SHALL COMPLY WITH TAS 4.26.3.

#### CASEWORK FINISH LEGEND

- PL1 - MILLWORK LAMINATE, WILSONART, FRENCH LINEN 5016-60, MATTE  
SS1 - SOLID SURFACE COUNTERTOP WITH 4" BACKSPLASH, CORIAN, EVEREST

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19569  
10/07/2021

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## MIDLOTHIAN ISD STADIUM ADDITIONS AND RENOVATIONS 1800 S 14 ST. MIDLOTHIAN, TX 76065

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-- F

OWP PROJECT NO.	DATE OF ISSUE
2021-154-00	10.07.2021

REVISIONS

DELTA	DESCRIPTION	DATE
1	ADDENDUM 2	10.18.2021

PROJECT TEAM	DRAWN BY
ED TEXAS	EA/KN

PROJECT PHASE

CONSTRUCTION DOCUMENTS

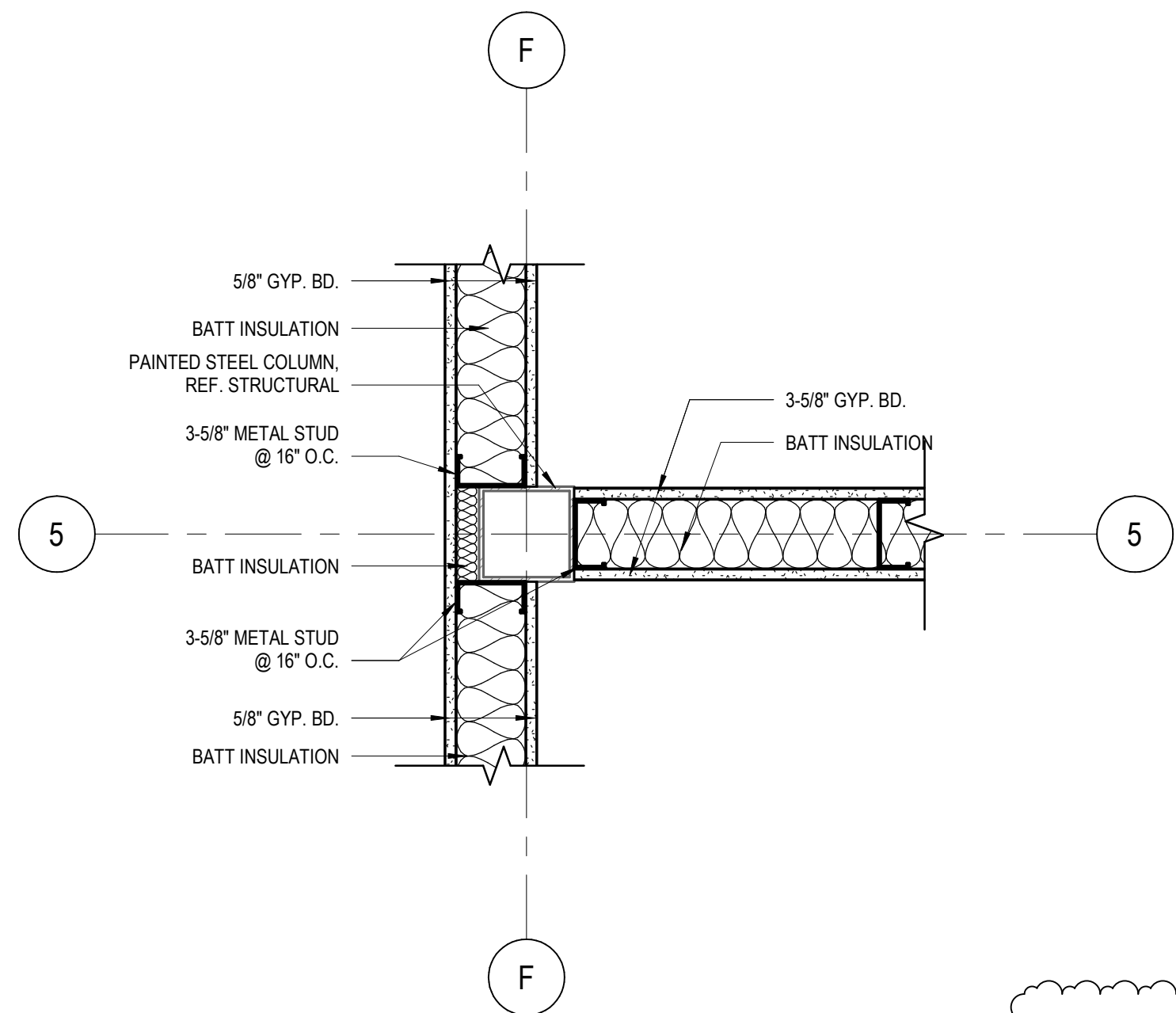
SHEET CONTENTS

ENLARGED PLANS,  
INTERIOR ELEVATION,  
CASEWORK DETAILS

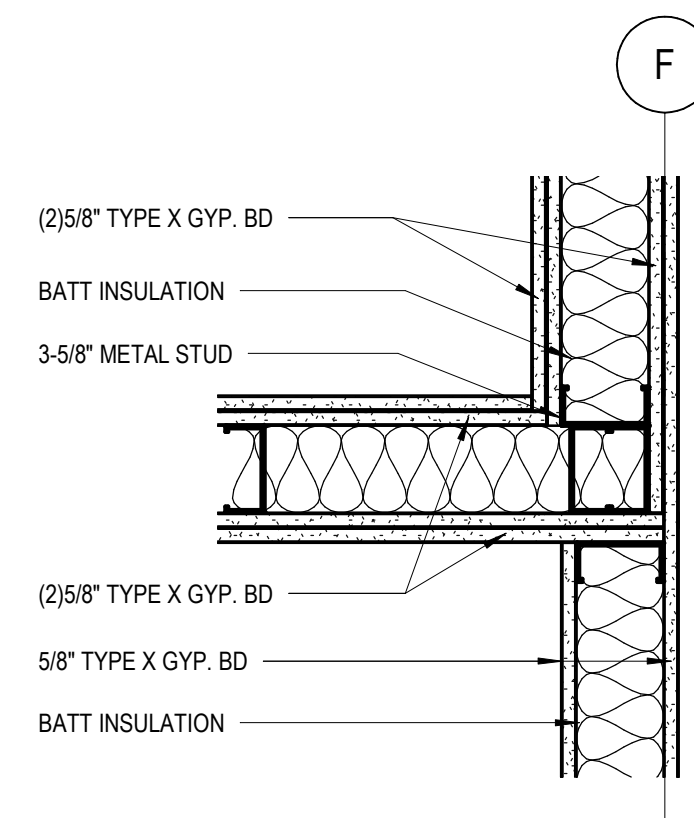
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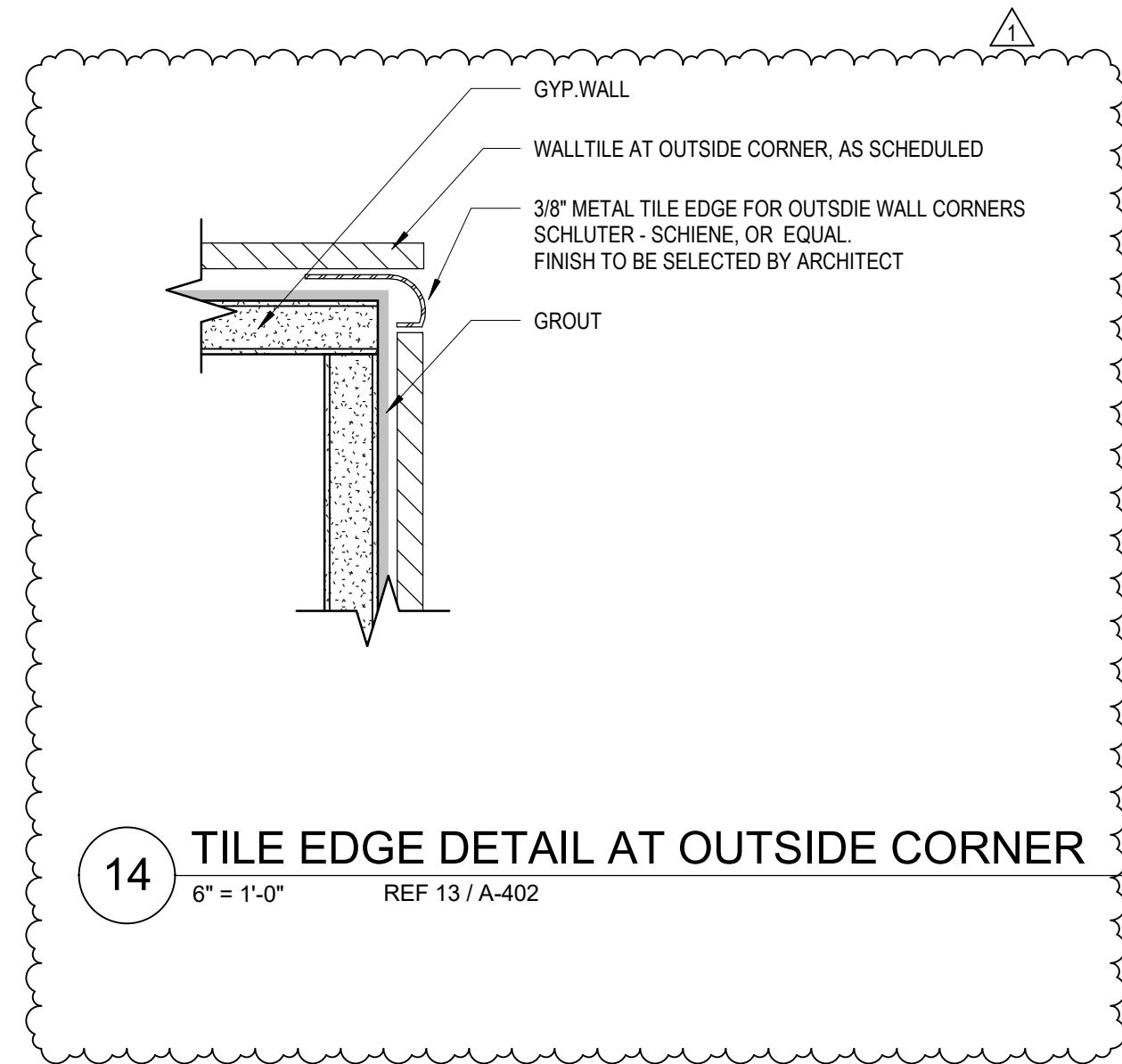
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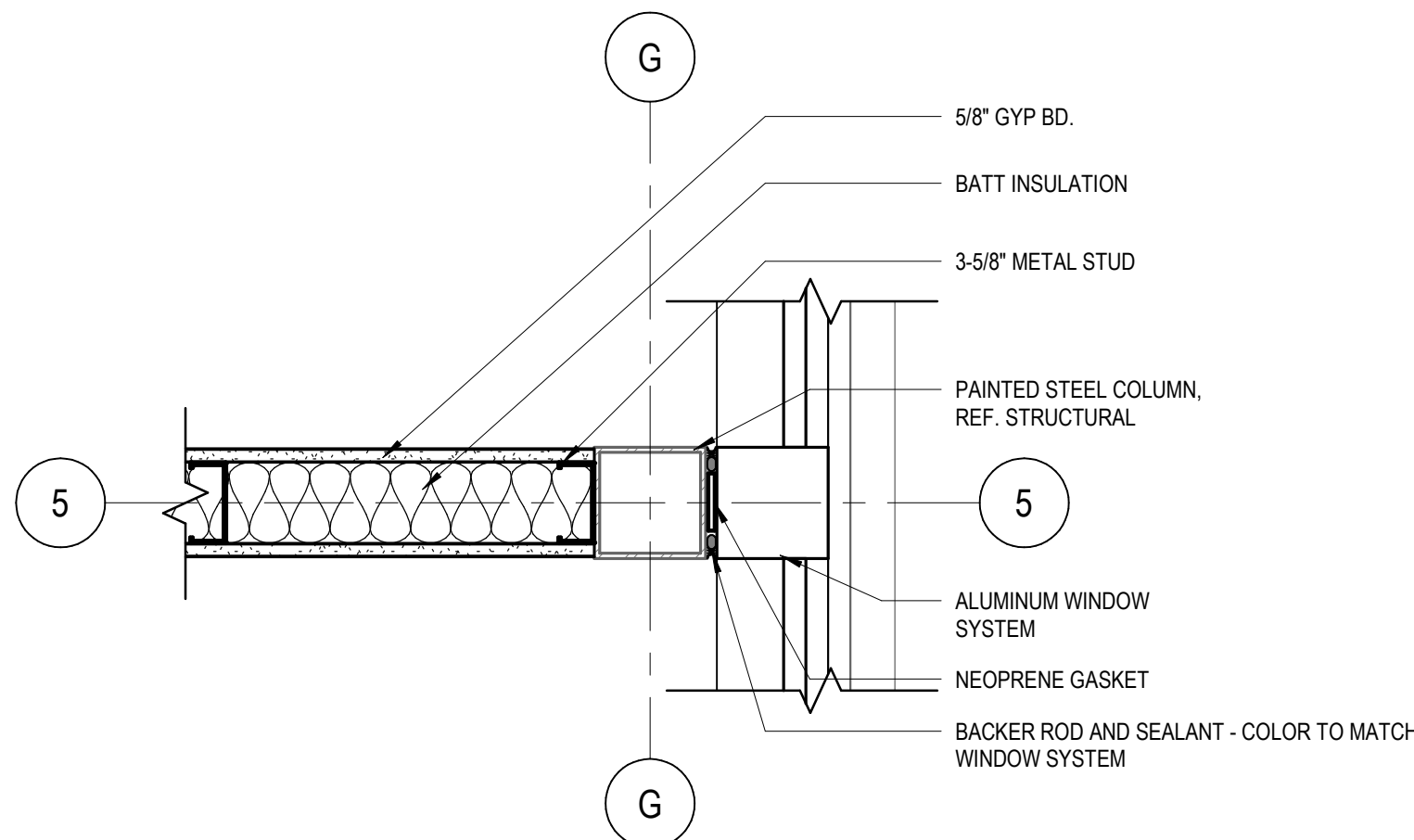
12 WALL INTERSECTION AT COLUMN  
1 1/2" = 1'-0" REF 1 / A-101



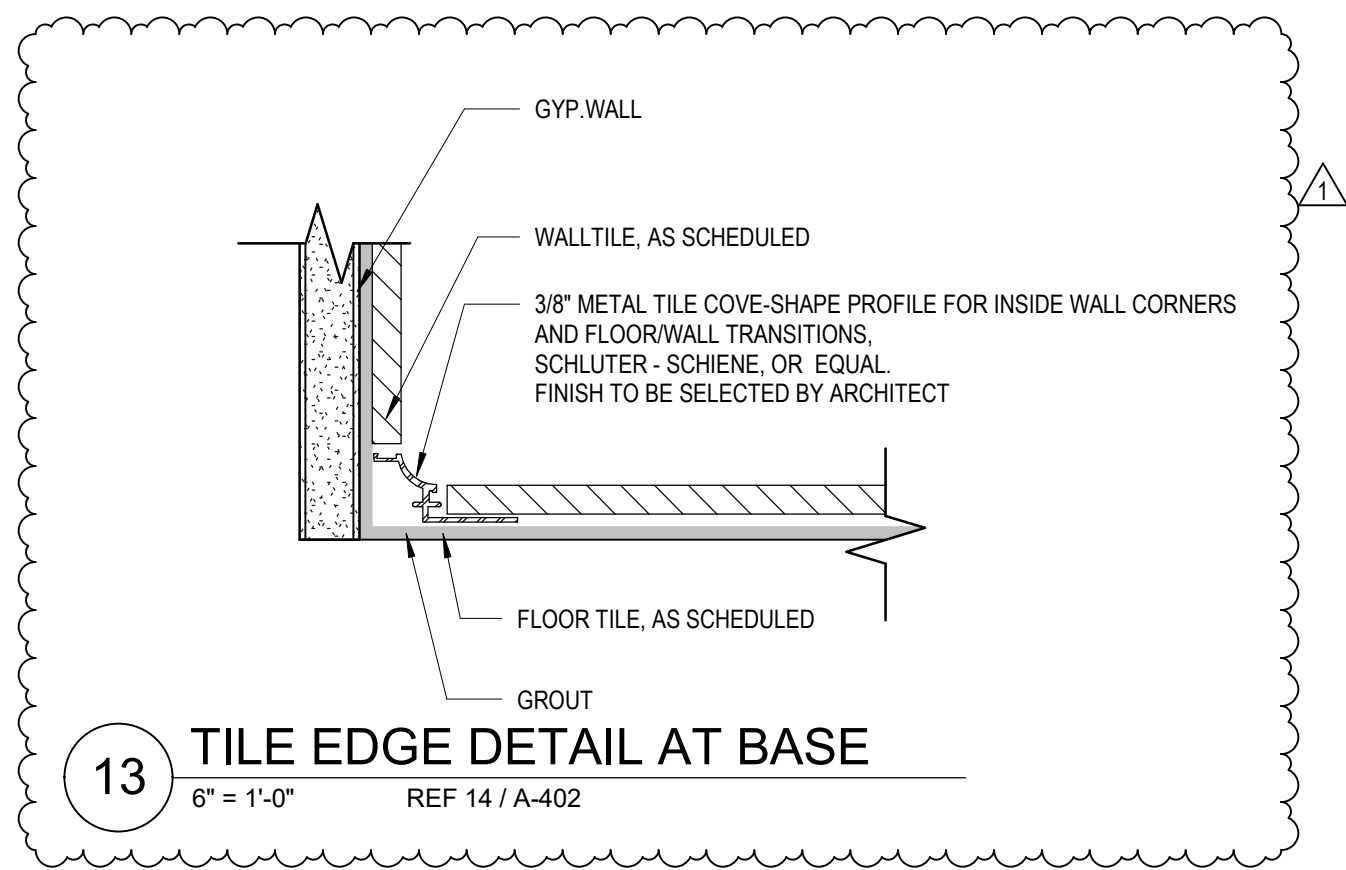
11 PLAN DETAIL AT FIRE-RATED WALL  
1 1/2" = 1'-0" REF 1 / A-101



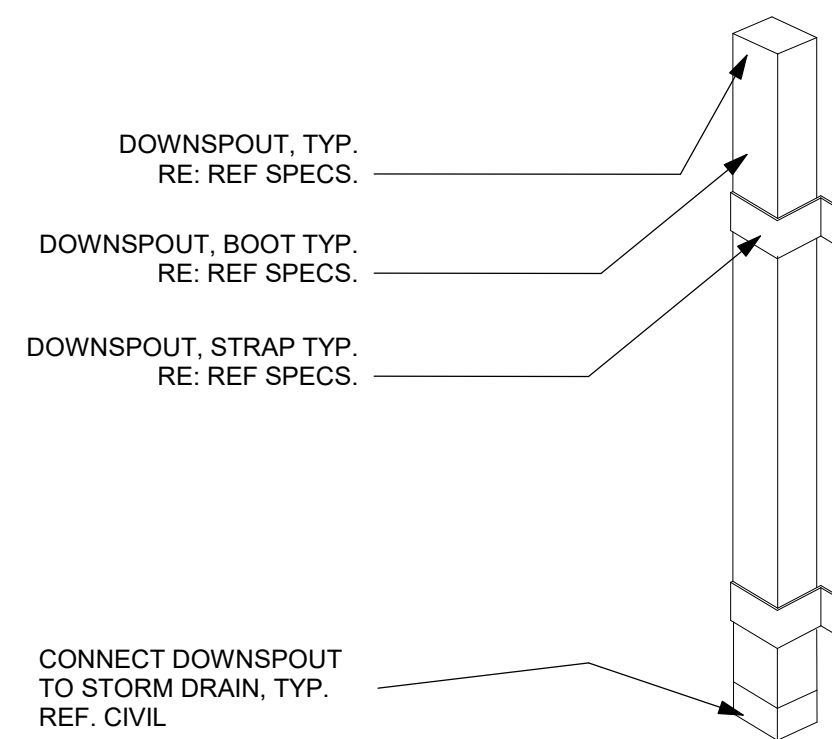
14 TILE EDGE DETAIL AT OUTSIDE CORNER  
6" = 1'-0" REF 13 / A-402



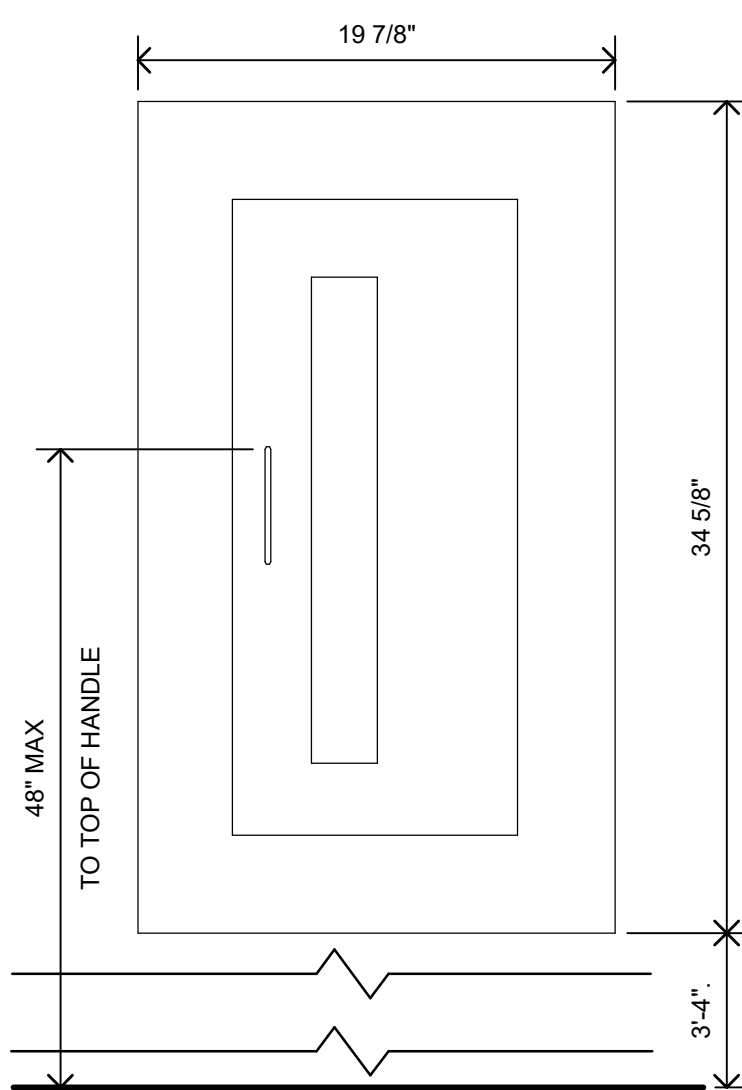
10 WALL AND COLUMN AT MULLION  
1 1/2" = 1'-0" REF 1 / A-101



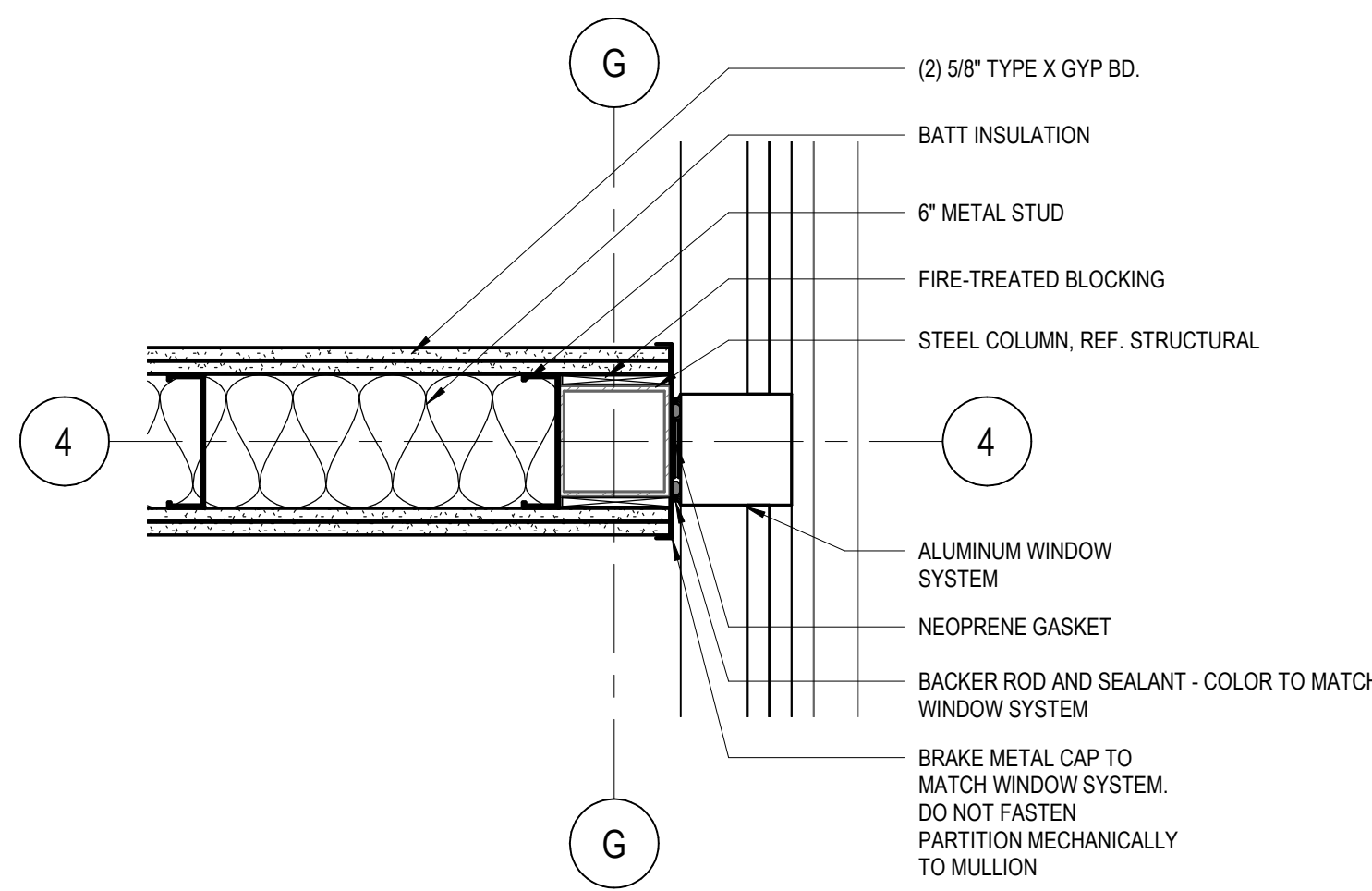
13 TILE EDGE DETAIL AT BASE  
6" = 1'-0" REF 14 / A-402



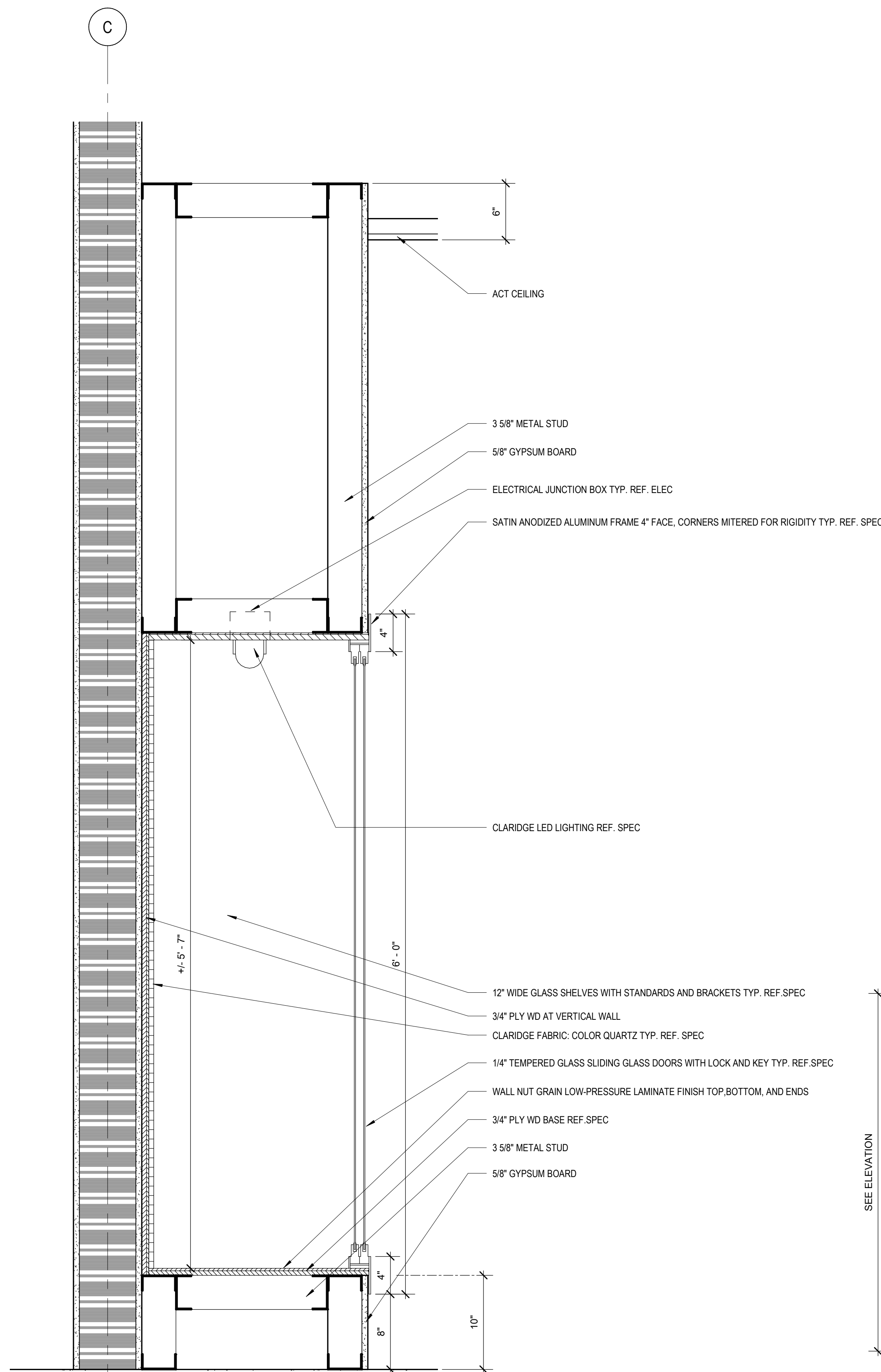
9 DOWNSPOUT BOOT  
1" = 1'-0"



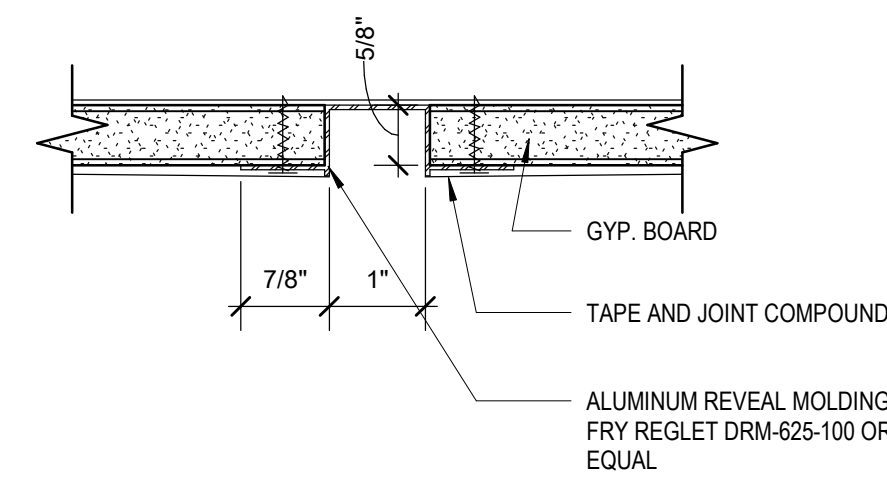
8 FIRE EXTINGUISHER  
1 1/2" = 1'-0" REF 1 / A-101



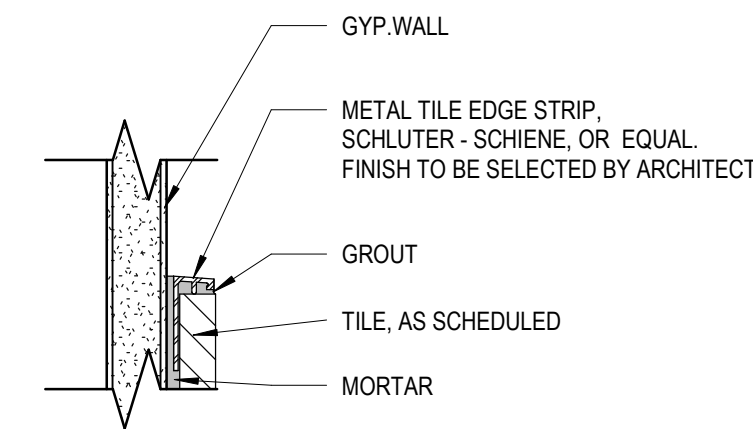
7 FIRE-RATED WALL AT MULLION  
1 1/2" = 1'-0" REF 1 / A-101



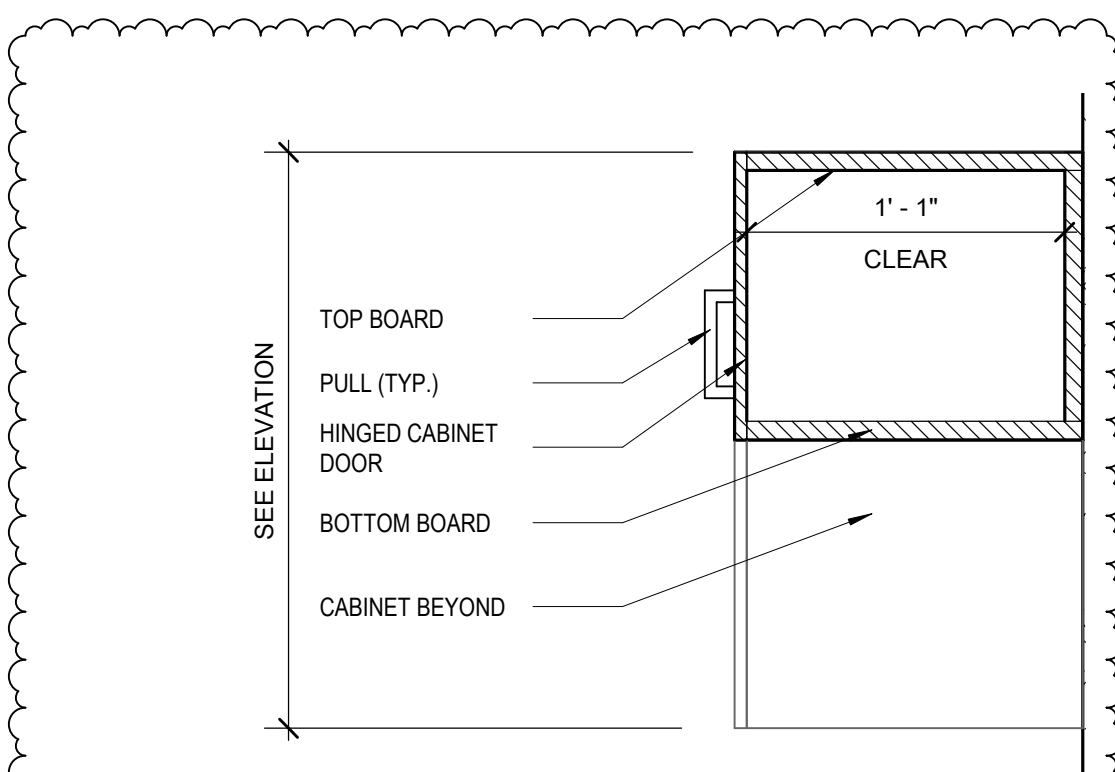
6 TROPHY CASE  
1 1/2" = 1'-0" REF 3 / A-402



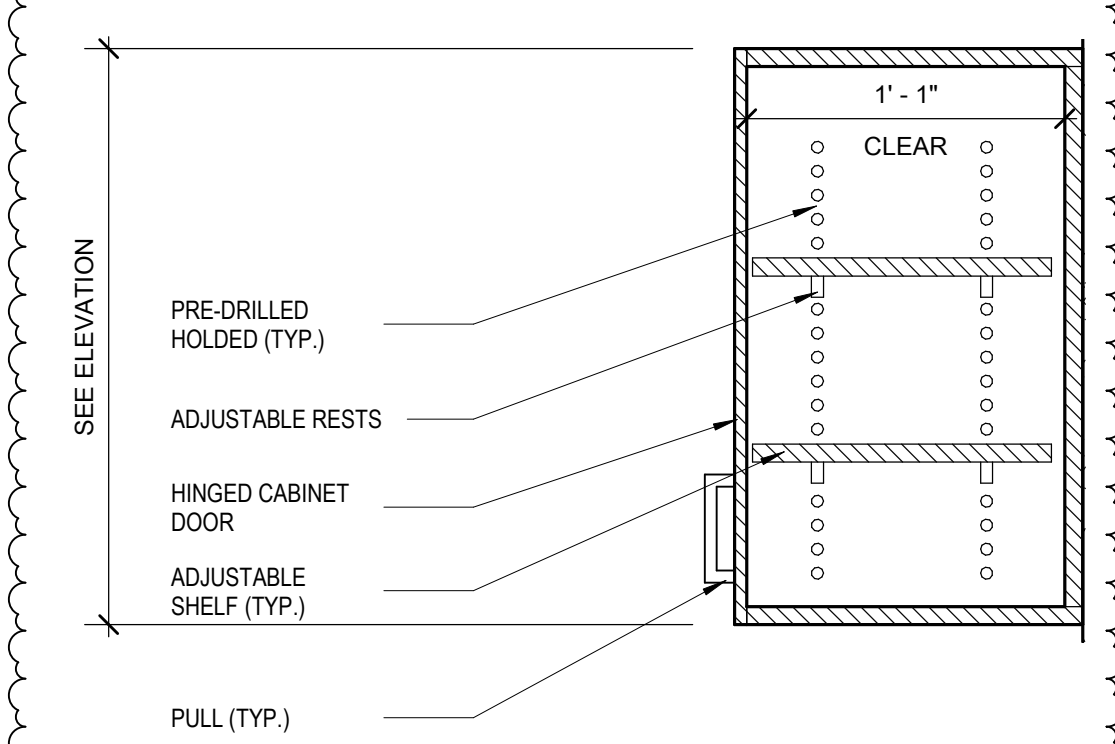
5 GYP. REVEAL DETAIL  
6" = 1'-0" REF 22 / A-402



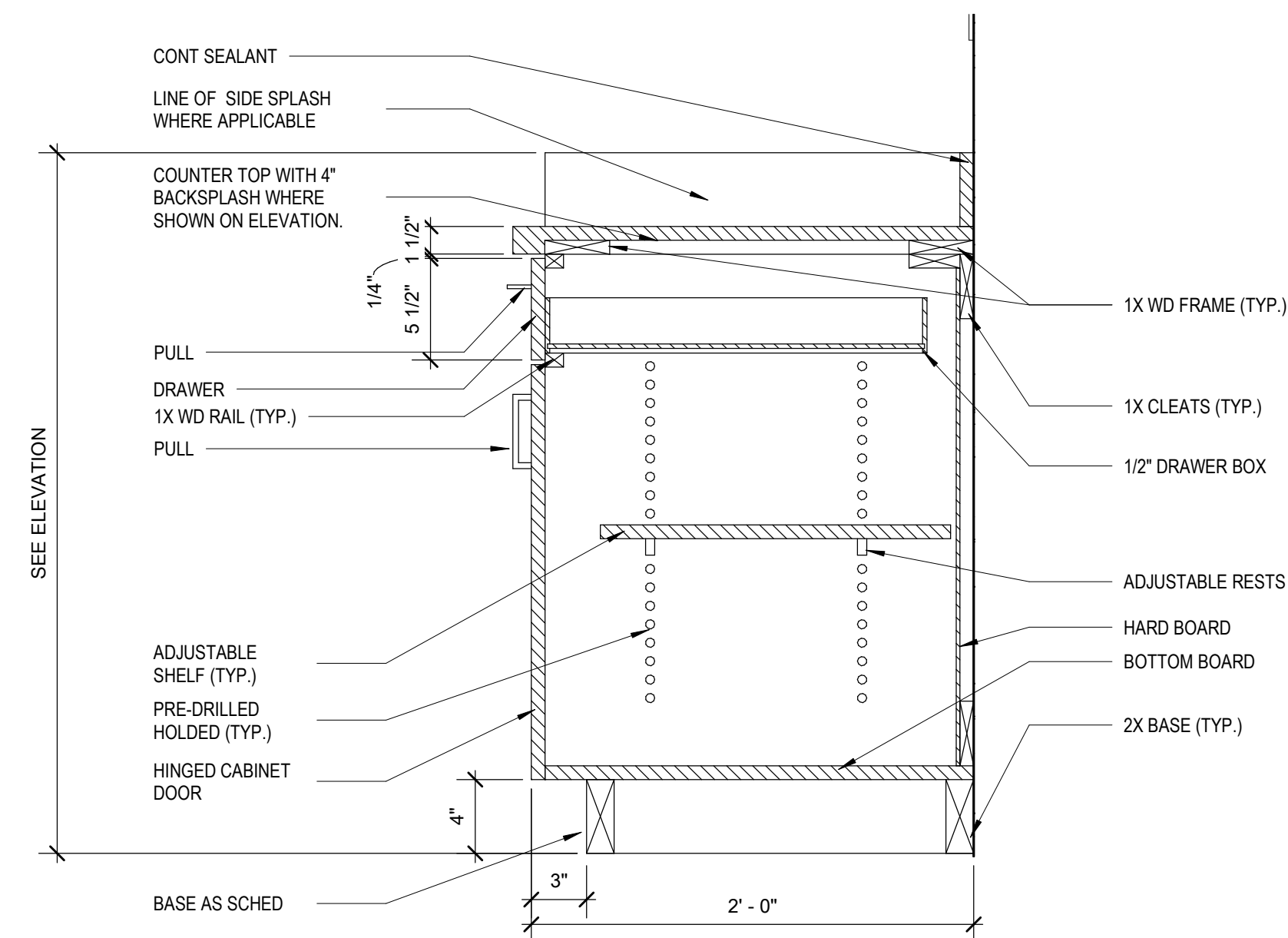
4 TILE EDGE DETAIL  
6" = 1'-0" REF 14 / A-402



3 UPPER CASEWORK SMALL  
1 1/2" = 1'-0" REF 6 / A-402



2 UPPER CASEWORK LARGE  
1 1/2" = 1'-0" REF 6 / A-402



1 BASE CABINET  
1 1/2" = 1'-0" REF 5 / A-402

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PROJECT TEAM DRAWN BY  
ED TEXAS Author

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CONSTRUCTION DOCUMENTS

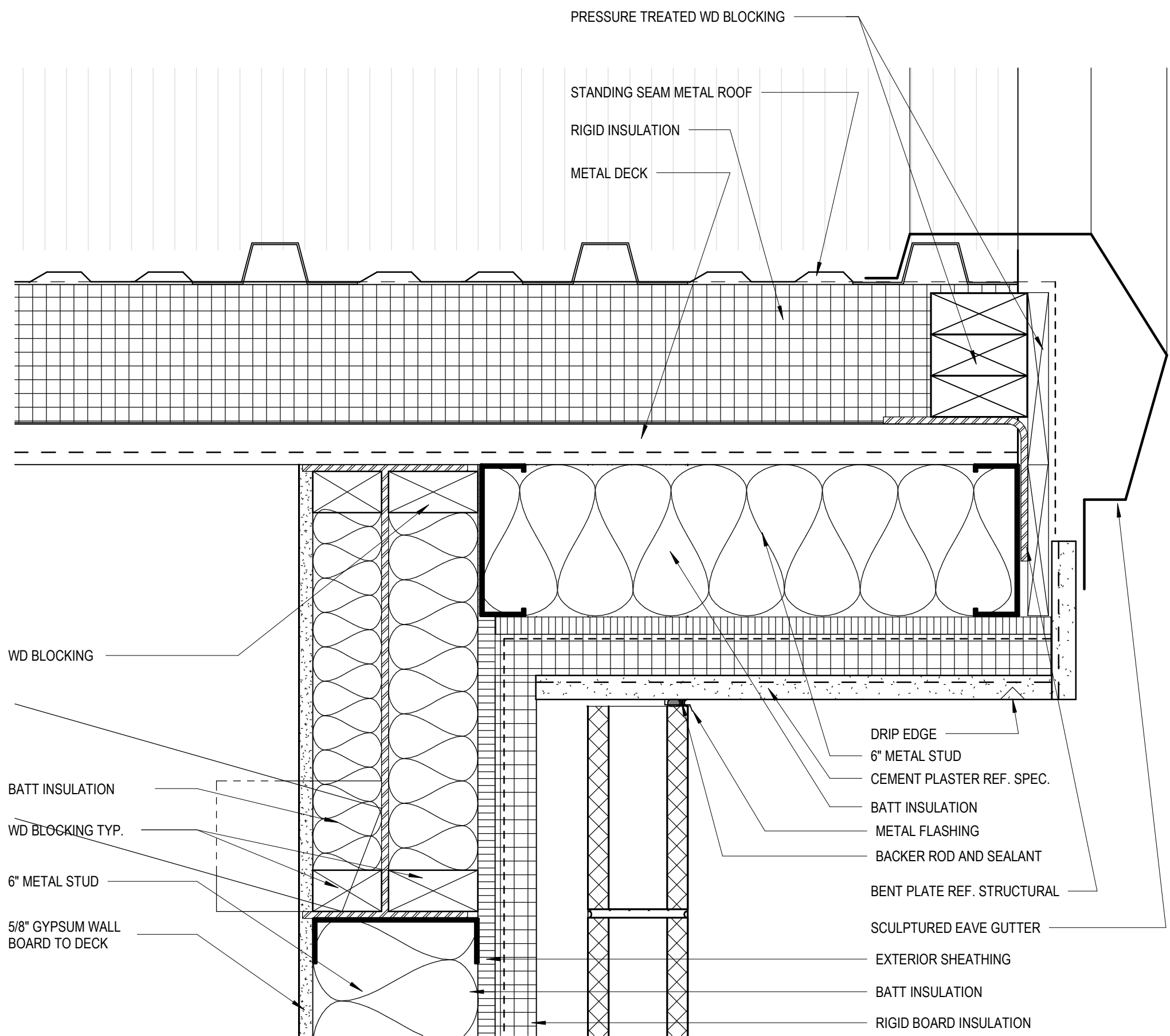
SHEET CONTENTS  
INTERIOR DETAILS

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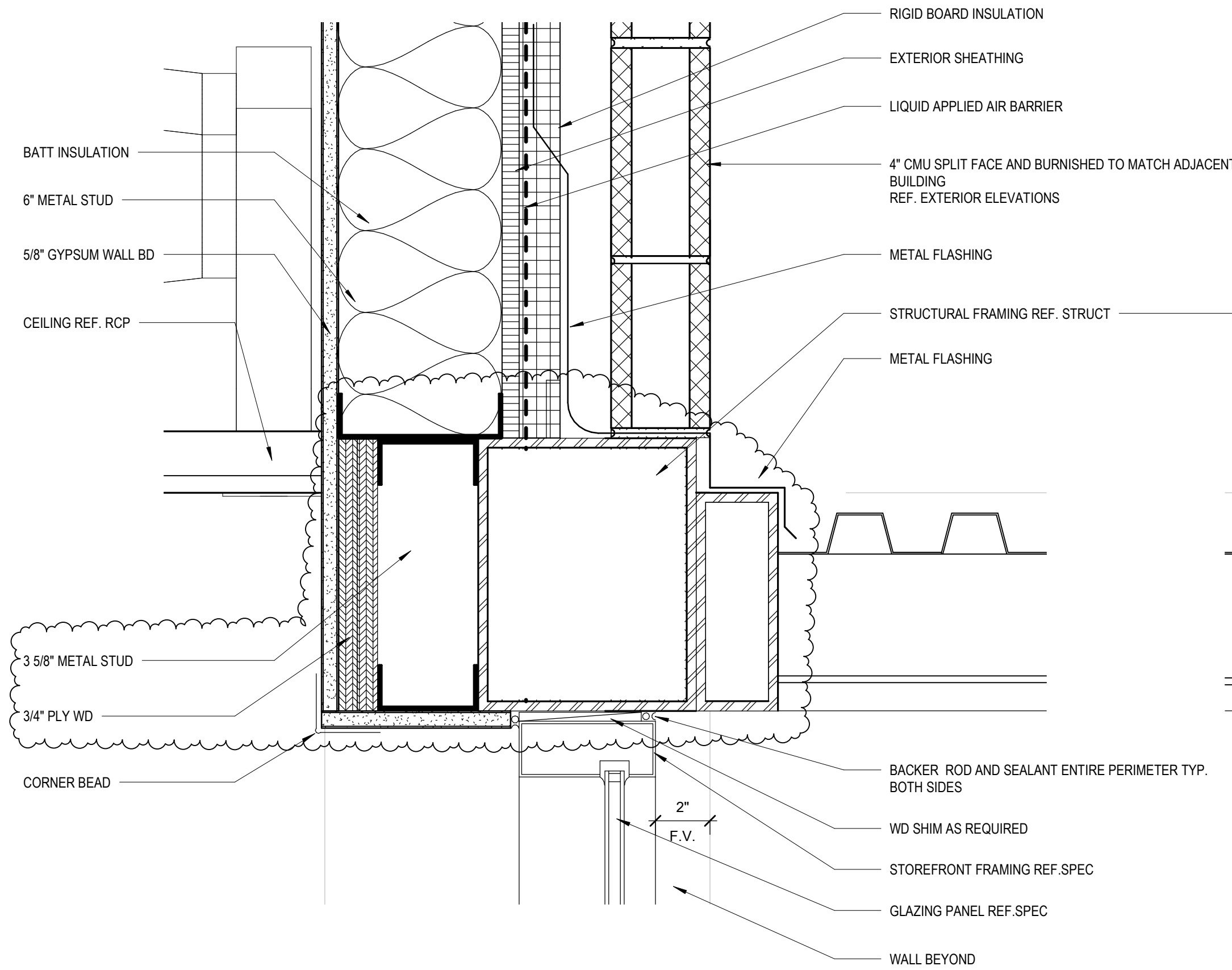
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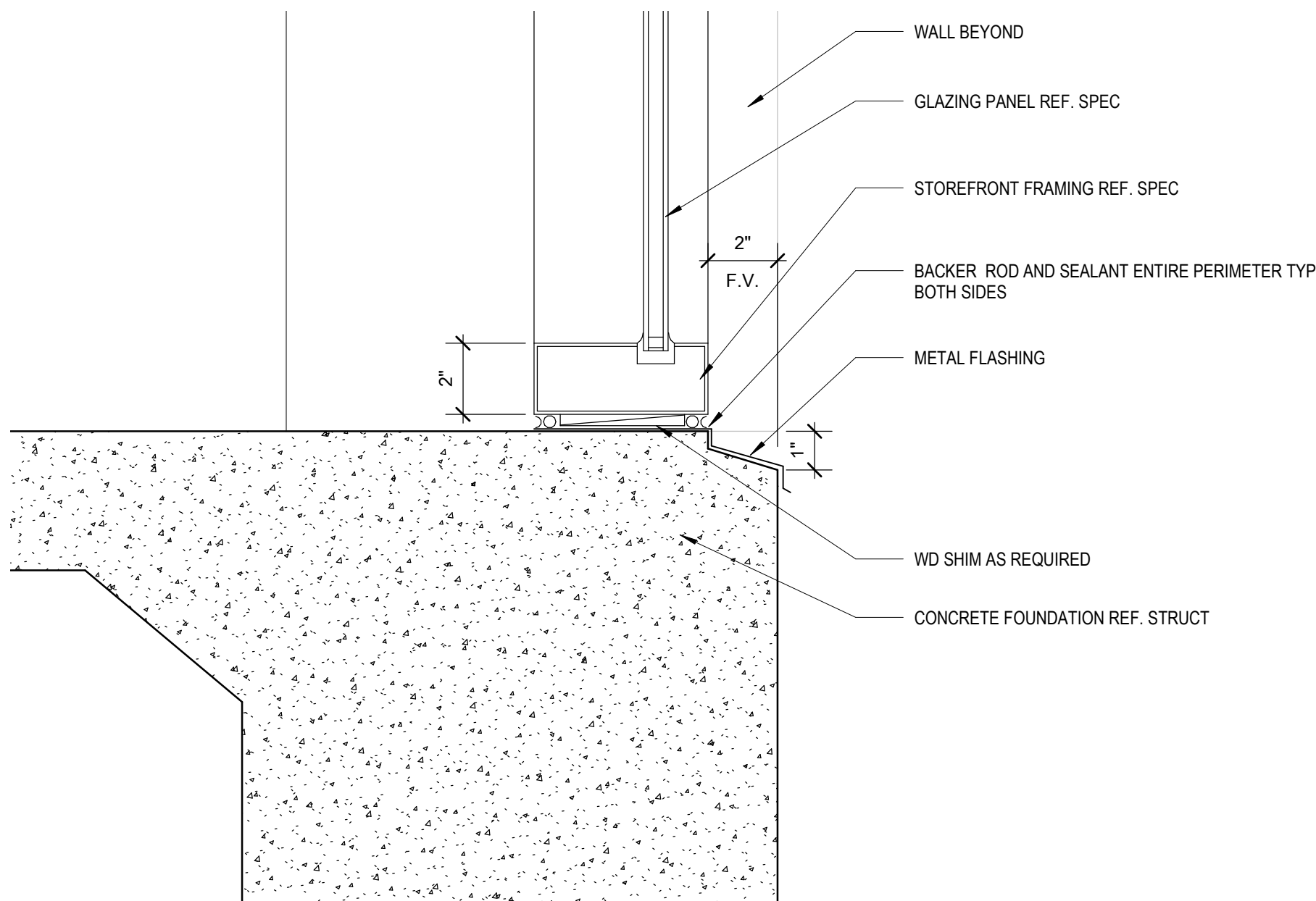
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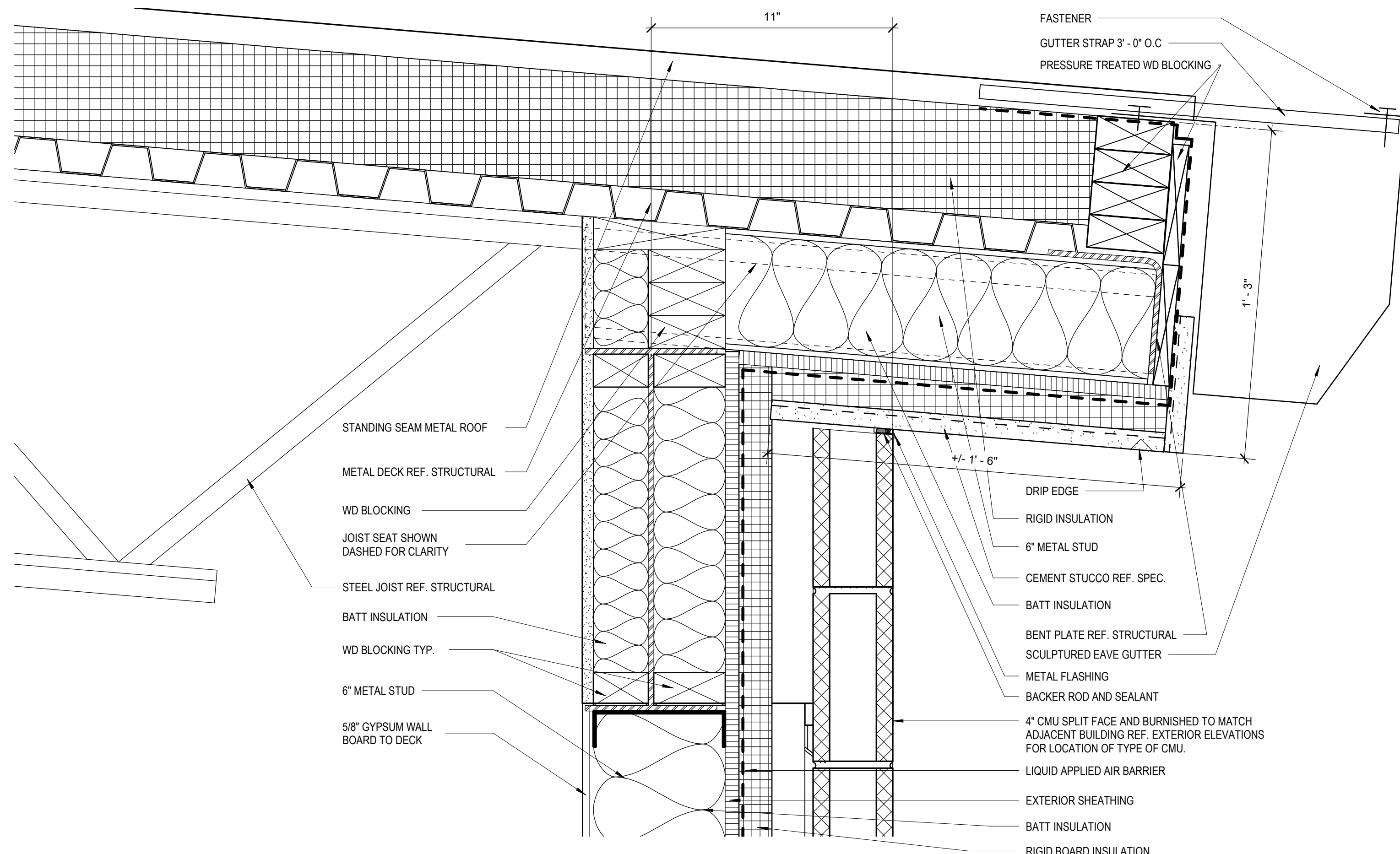
7 METAL PANEL AT ROOF EAVE  
3" = 1'-0" REF 2 / A-303



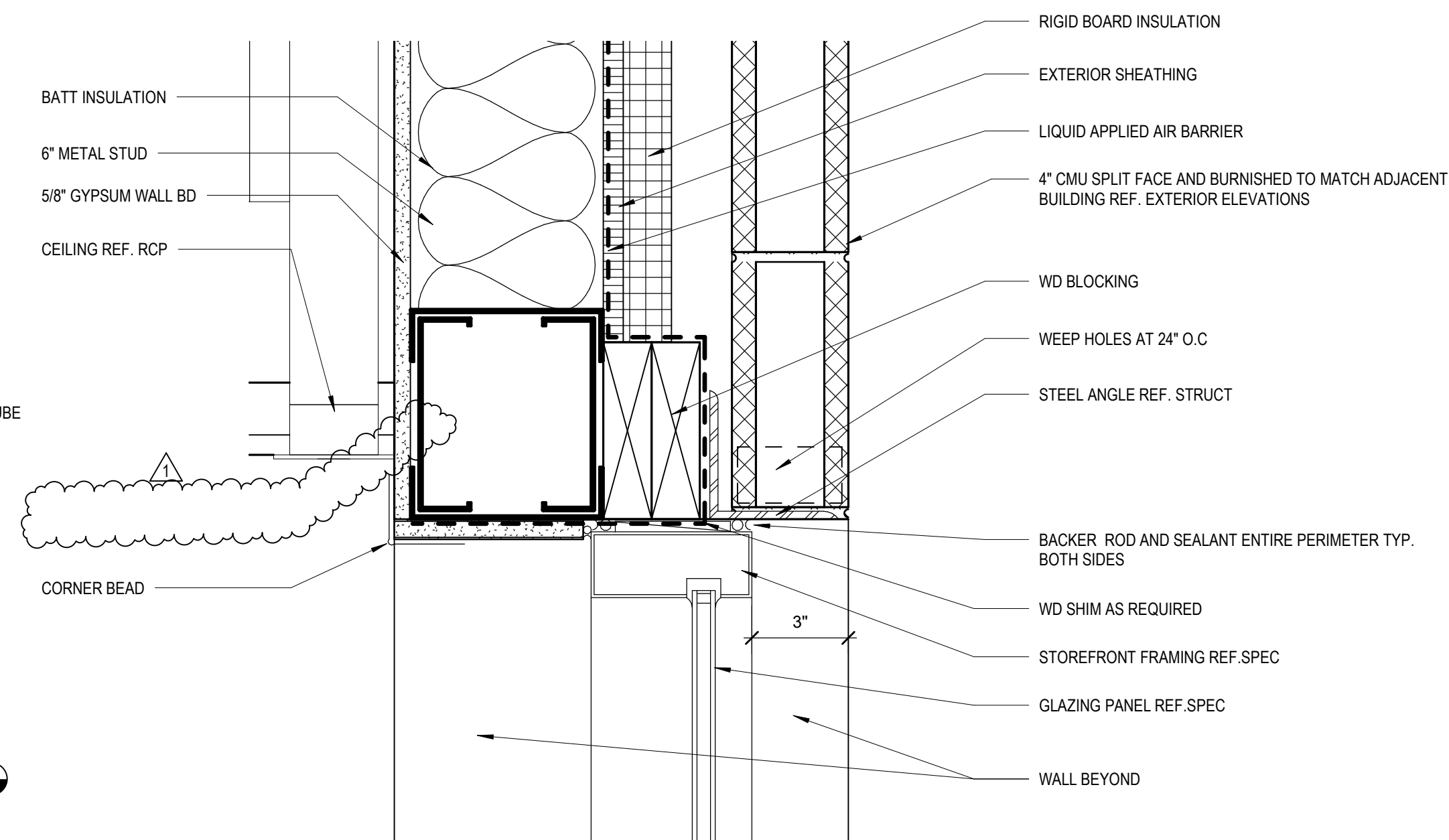
5 STOREFRONT HEAD AT CANOPY  
3" = 1'-0" REF 3 / A-303



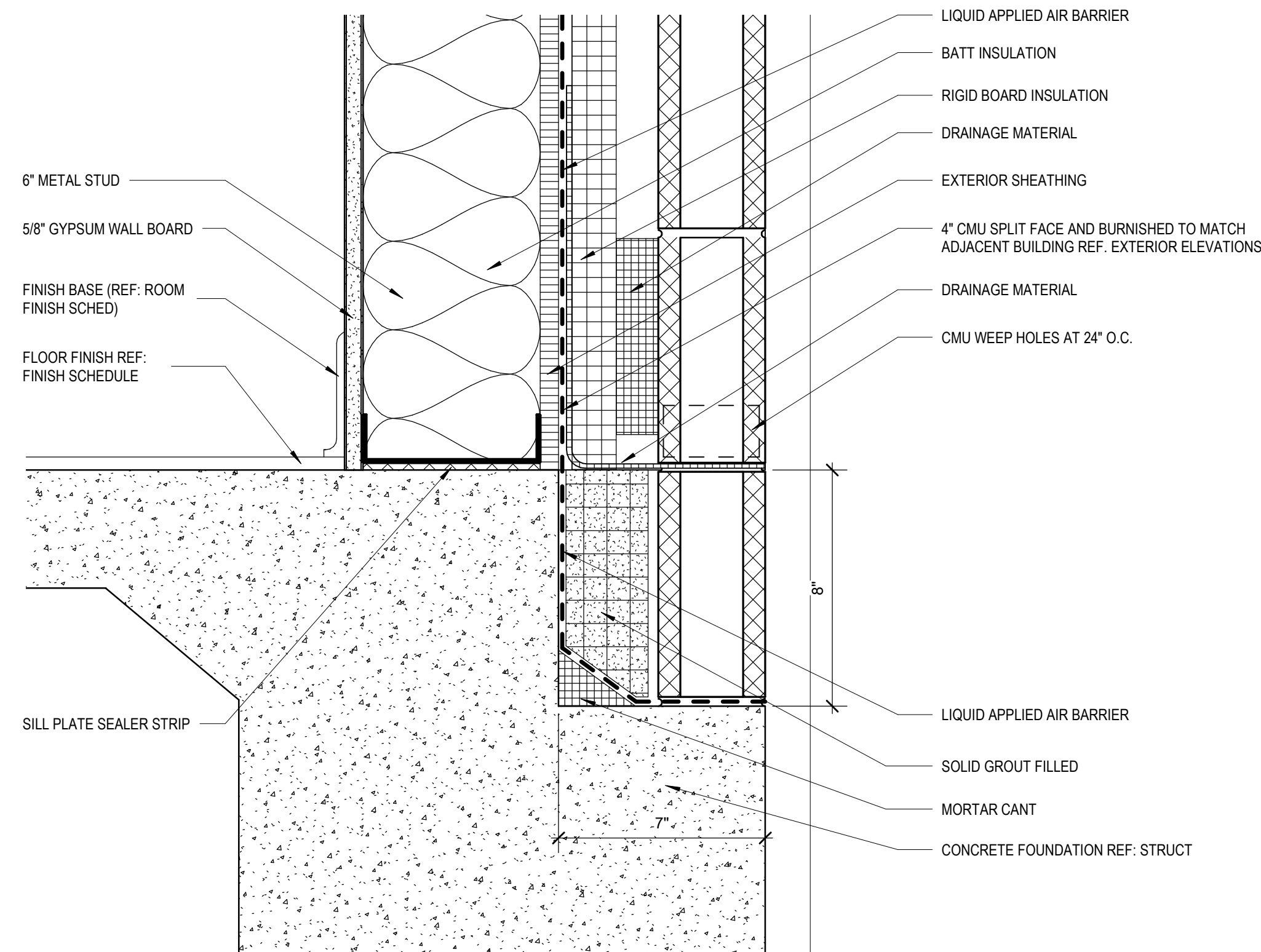
4 STOREFRONT SILL AT FOUNDATION  
3" = 1'-0" REF 2 / A-303



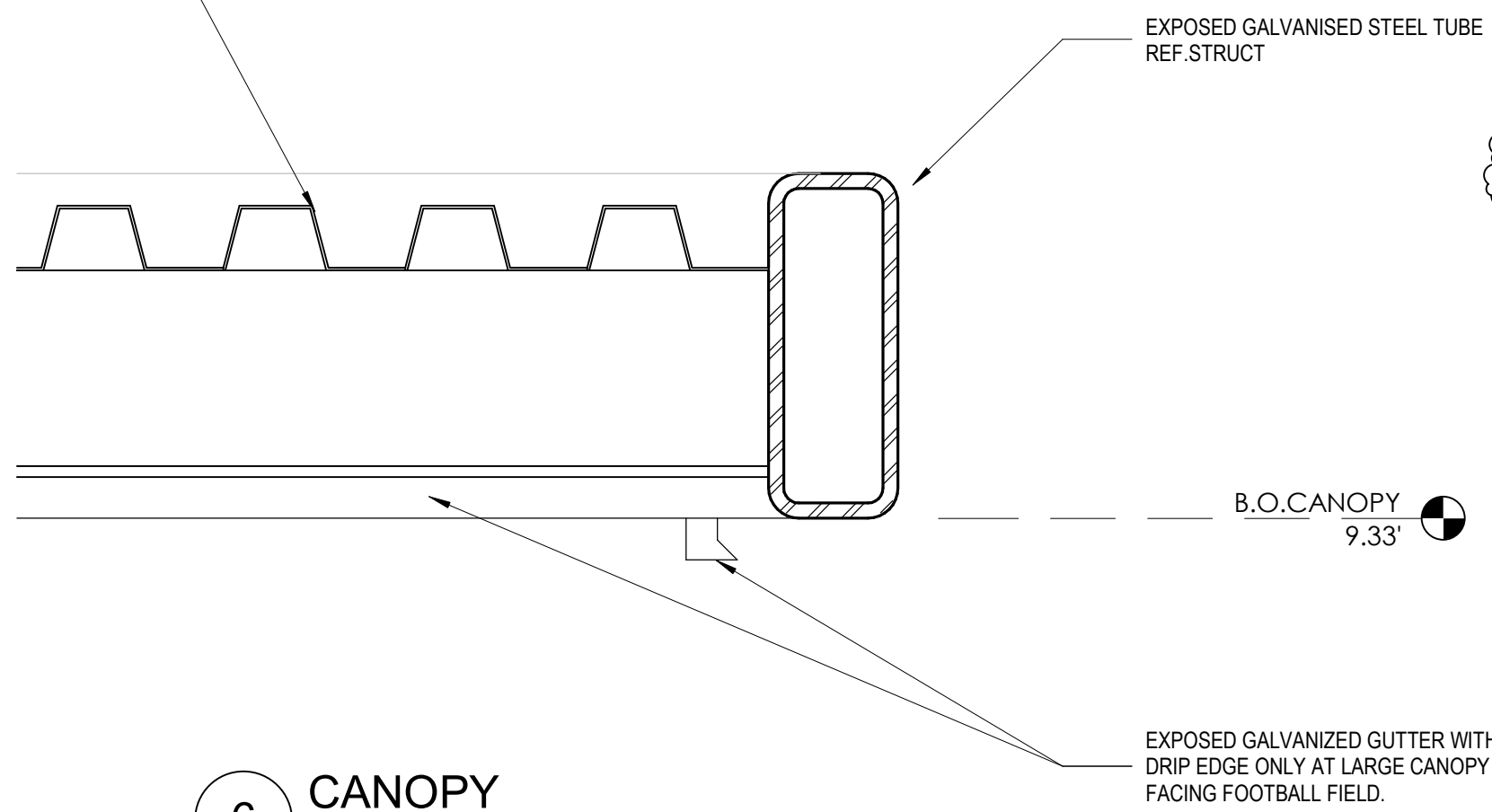
3 METAL PANEL AT ROOF  
3" = 1'-0" REF 1 / A-303



2 STOREFRONT HEAD AT BRICK  
3" = 1'-0" REF 2 / A-303

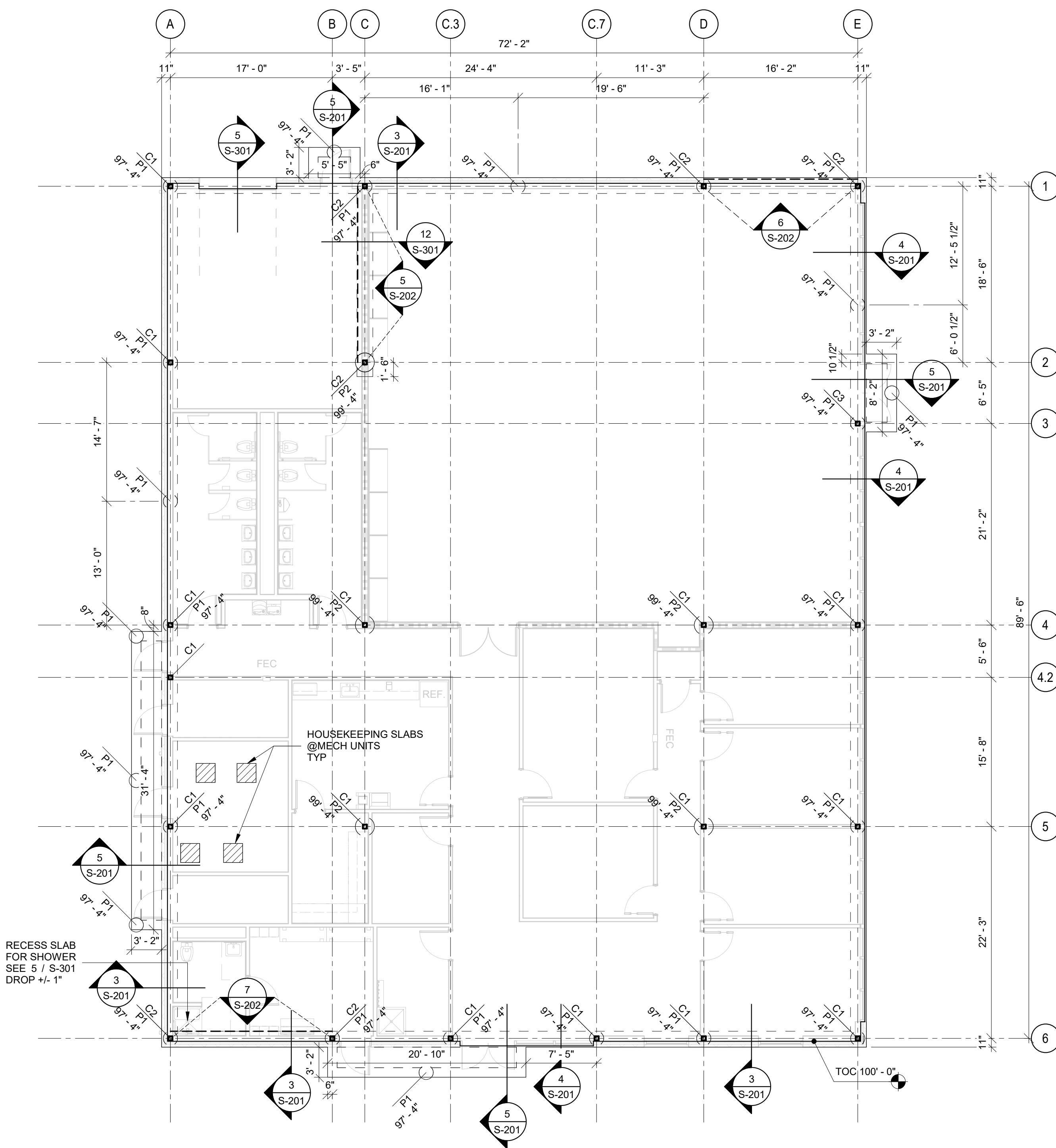


1 FOUNDATION AT BRICK LEDGE  
3" = 1'-0" REF 4 / A-303

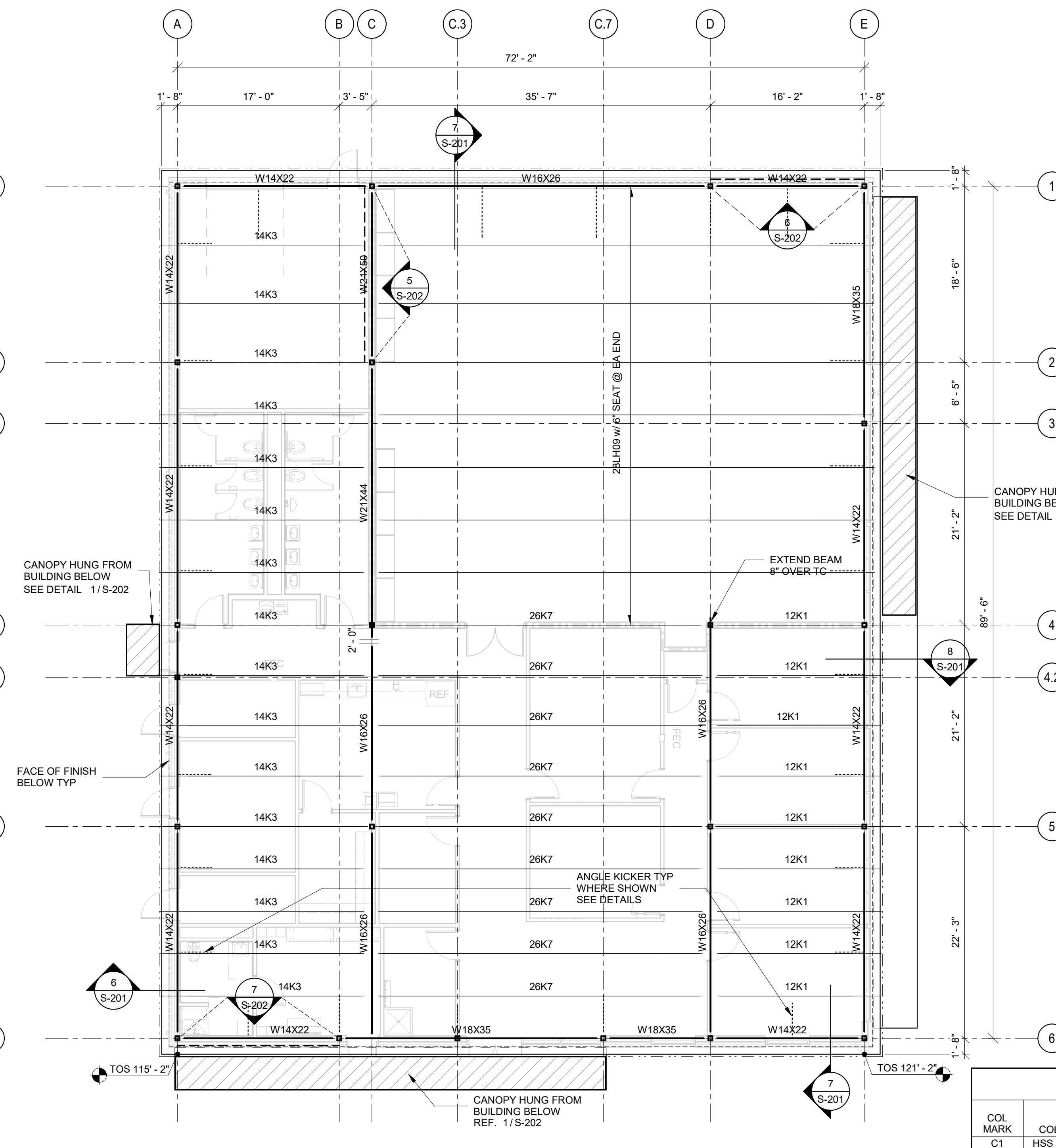


6 CANOPY  
3" = 1'-0" REF 3 / A-303





**1 FOUNDATION PLAN BASE BID**  
SCALE : 1/8" = 1'-0"



**2 ROOF FRAMING PLAN**  
SCALE : 1/8" = 1'-0"

- FOUNDATION PLAN NOTES**
1. FINISH FLOOR ELEVATION IS 100'-0" (RELATIVE TO DATUM 100'-0") UNLESS NOTED OTHERWISE.
  2. TOP OF CONCRETE SLAB IS AT FINISH FLOOR UNLESS NOTED OTHERWISE.
  3. TYPICAL FLOOR SLAB IS A SOIL SUPPORTED CONCRETE SLAB, 5-INCH THICK (OVERALL) OVER MODIFIED SUBGRADE. SEE GENERAL NOTES.
  4. ARCHITECTURAL BACKGROUND ELEMENTS DEPICTED ON THE PLANS ARE INTENDED FOR GENERAL COORDINATION PURPOSES AND ARE NOT INTENDED FOR ANY OTHER PURPOSES. THIS PLAN MAY NOT REFLECT THE FINAL DESIGN, SEE THE ARCHITECTURAL DRAWINGS.
  5. SHEET INDEX:  
PIER SCHEDULE S-201  
TYPICAL CONCRETE DETAILS S-301  
TYPICAL STEEL DETAILS S-501  
VERTICAL BRACE ELEVATIONS S-501

- ROOF FRAMING PLAN NOTES**
1. TOP OF ROOF STRUCTURE IS SLOPED FOR DRAINAGE. SEE TOP OF STEEL (BOTTOM OF ROOF DECK) ELEVATIONS NOTED ON FRAMING PLANS. SLOPES SHALL BE UNIFORM BETWEEN COLUMN CENTERLINES, UNLESS NOTED OTHERWISE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALCULATE T.O.S. ELEVATIONS REQUIRED AT INTERMEDIATE LOCATIONS BETWEEN THE NOTED HIGH AND LOW T.O.S. ELEVATIONS.
  2. STEEL ROOF MEMBERS SHALL BE CENTERED ON AND EQUALLY SPACED BETWEEN COLUMN LINES, UNLESS NOTED OTHERWISE.
  3. TYPICAL ROOF STRUCTURE IS METAL ROOF DECK. SEE GENERAL NOTES.
  4. ARCHITECTURAL BACKGROUND ELEMENTS DEPICTED ON PLAN ARE INTENDED FOR GENERAL COORDINATION UNDERSTANDING AND IS NOT INTENDED FOR ANY OTHER PURPOSES. THIS PLAN MAY NOT REFLECT THE FINAL DESIGN, SEE ARCHITECTURAL DRAWINGS.
  5. SHEET INDEX:  
COLUMN SCHEDULE S-201  
TYPICAL CONCRETE DETAILS S-301  
TYPICAL STEEL DETAILS S-501  
VERTICAL BRACE ELEVATIONS S-501

**ALTERNATE BID #4 - TAN LIMESTONE**

DRILLED PIER SCHEDULE ALTERNATE						
MARK	DIAM.	PENETRATION	VERT. BARS	TIES	DOWELS	DESIGN LOAD (KIPS)
P1 alt	2'-0"	10'-0"	6#5	#3 @12" OC	4 #5	90
P2 alt	2'-0"	10'-0"	6#5	#3 @12" OC	4 #5	90

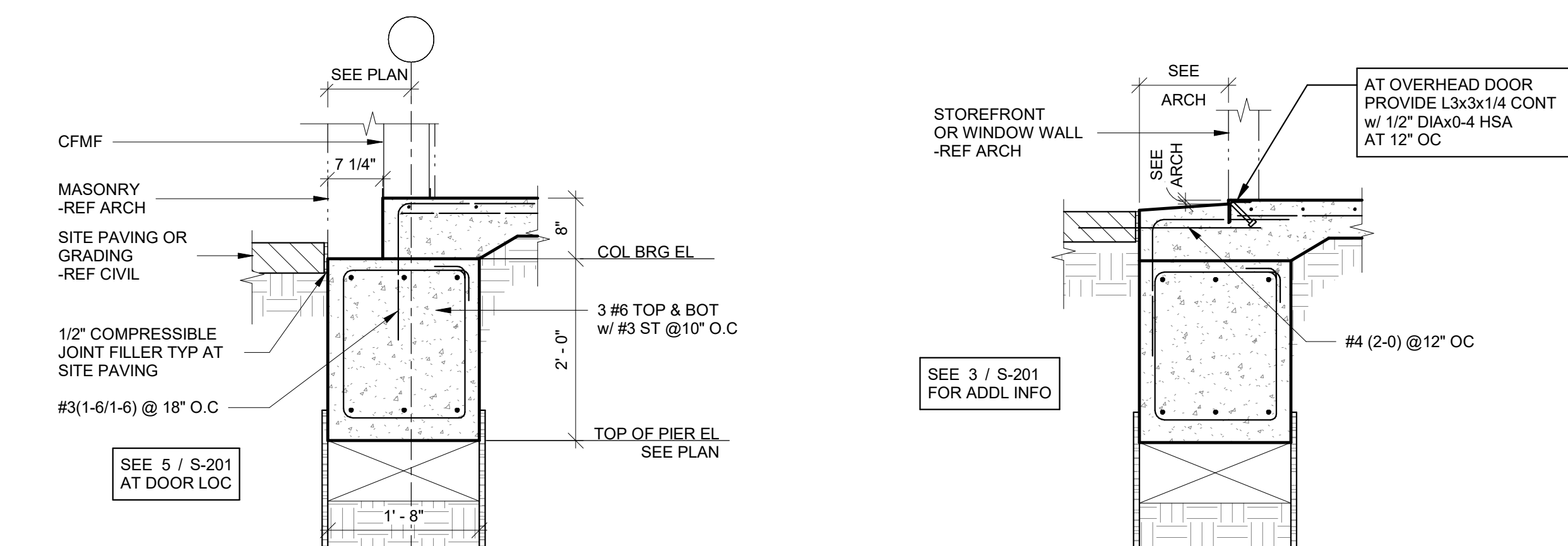
**BASE BID - GREY LIMESTONE**

DRILLED PIER SCHEDULE BASE BID						
MARK	DIAM.	PENETRATION	VERT. BARS	TIES	DOWELS	DESIGN LOAD (KIPS)
P1	1'-6"	2'-0"	5#5	#3 @12" OC	4 #5	70
P2	2'-0"	2'-0"	6#5	#3 @12" OC	4 #5	125

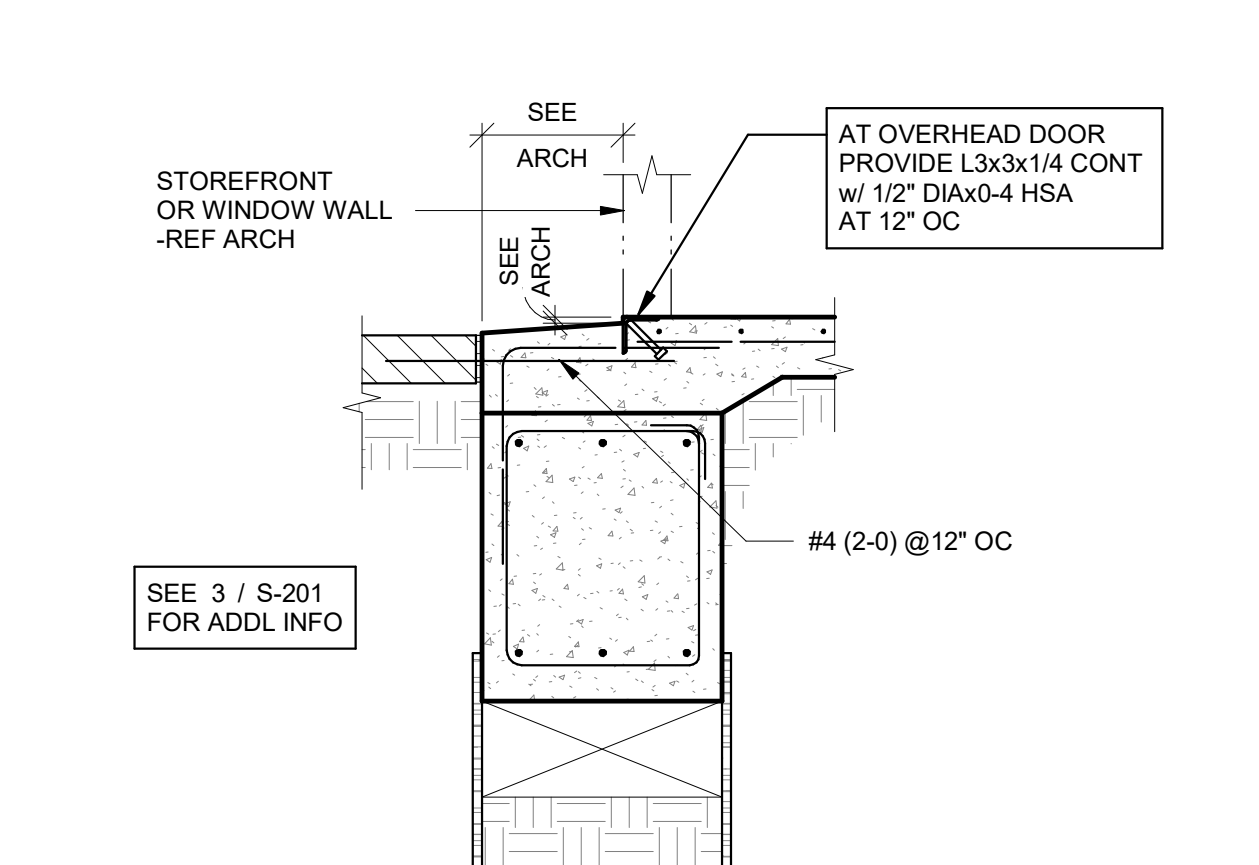
PIER SCHEDULE NOTES:  
1. NO DOWELS ARE REQUIRED AT STEEL COL BEARING DIRECTLY ON PIER

STEEL COLUMN SCHEDULE							
COL MARK	COL SIZE	BASE PLATE DIMENSIONS (WIDTH x LENGTH x THICKNESS) (IN.)	BASE PL TYPE	ANCHOR BOLTS	ANCHOR BOLT EMBEDMENT	ANCHOR BOLT SPACING A	ANCHOR BOLT SPACING B
C1	HSS 5x5x1/4	12X12X3/4	BP1	4 - 3/4" DIA AB-1	1'-0"	4"	4"
C2	HSS 5x5x1/4	12X12X3/4	BP5	4 - 3/4" DIA AB-2	1'-0"	4"	4"
C3	HSS 5x5x3/8	12X12X3/4	BP1	4 - 3/4" DIA AB-1	1'-0"	4"	4"

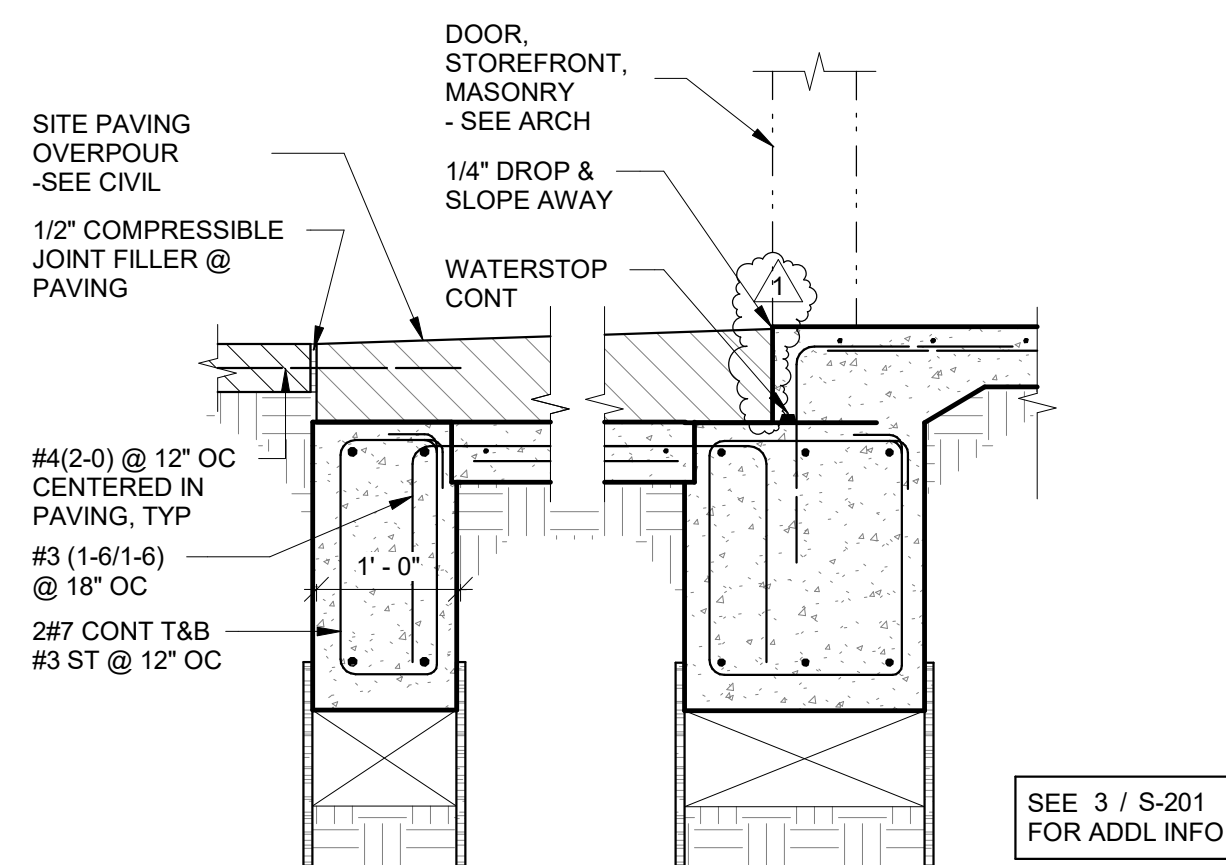
COLUMN NOTES:  
1. SEE DETAIL 14/S-501 FOR BASE PLATE & ANCHOR BOLT INFO  
2. PROVIDE 1/4" CAP PLATE AT TOP OF COLUMNS, TYP



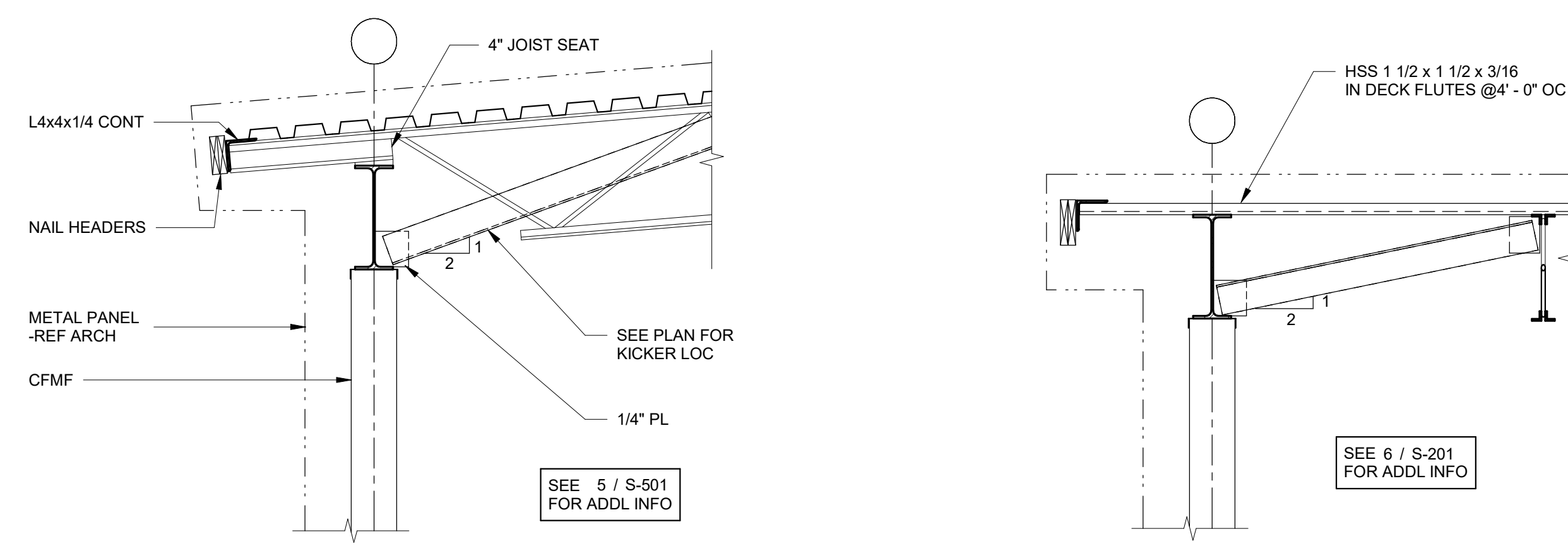
**3 TYP DETAIL @BRICK**  
SCALE : 3/4" = 1'-0"



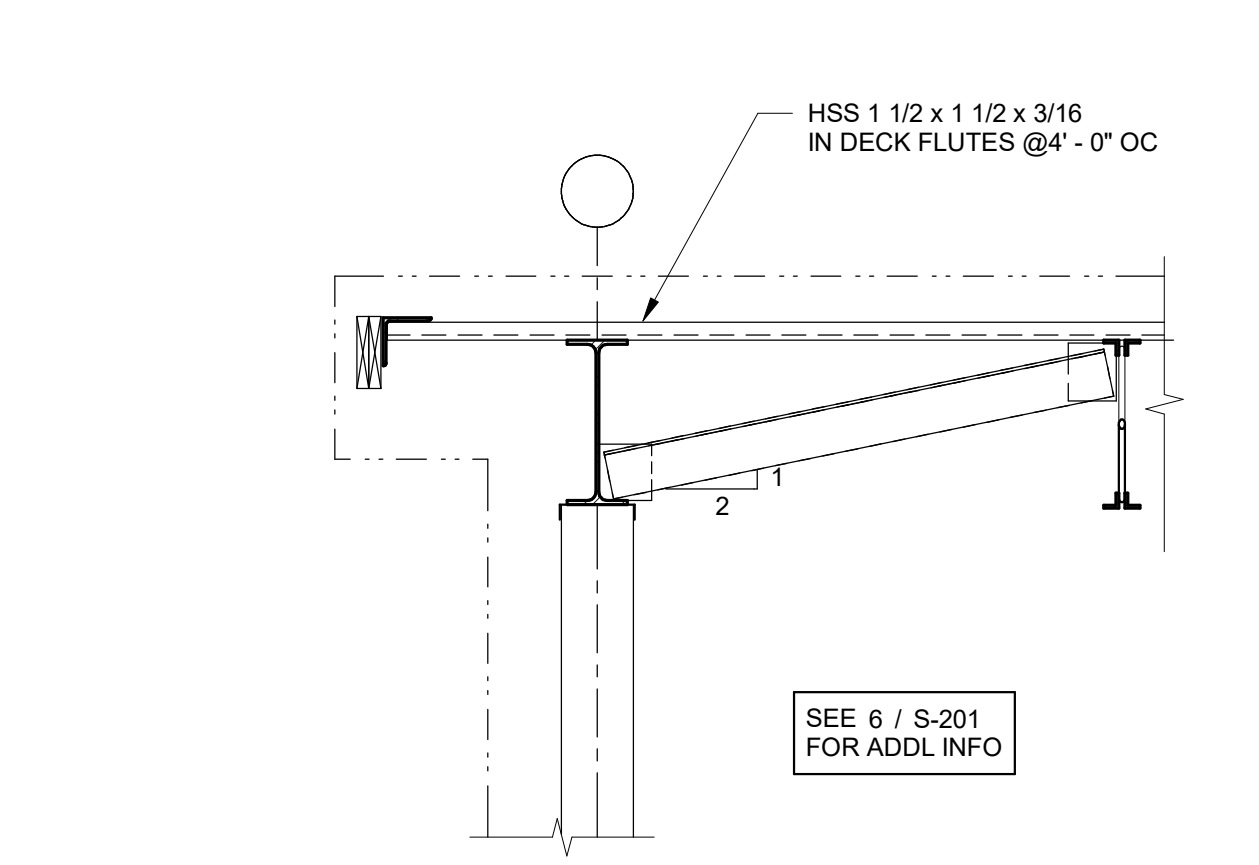
**4 TYP DETAIL @STOREFRONT/OVERHEAD DOOR**  
SCALE : 3/4" = 1'-0"



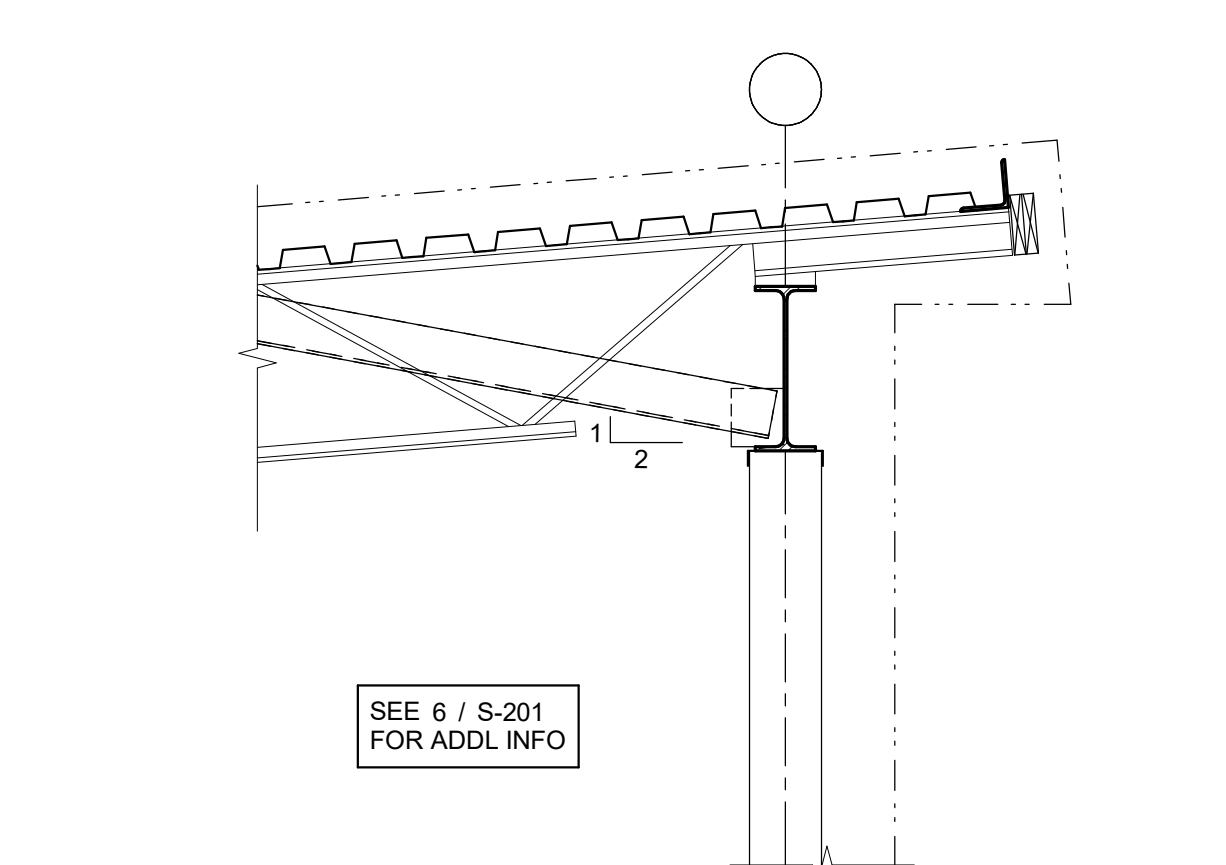
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SCALE : 3/4" = 1'-0"



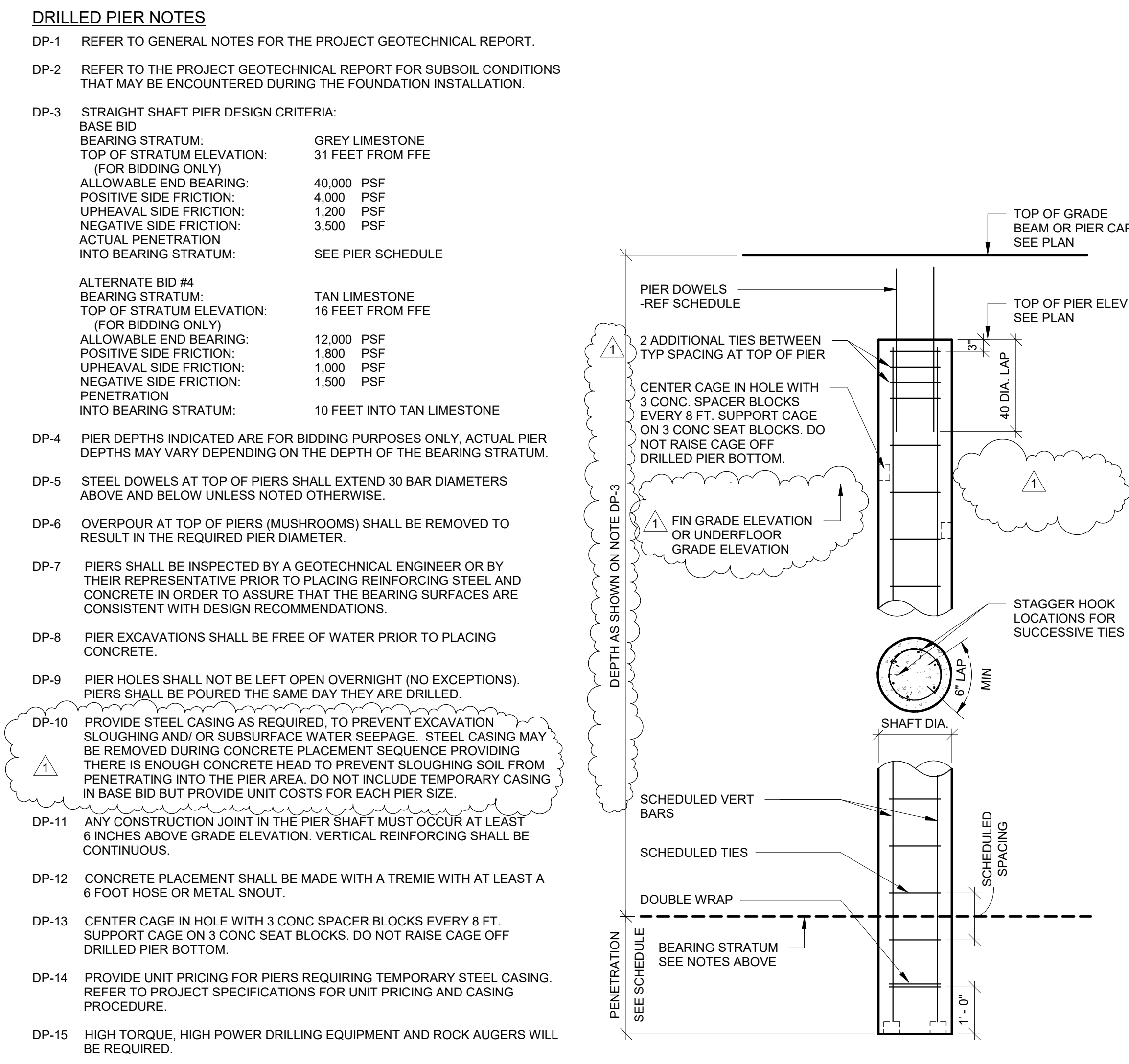
**6 ROOF EDGE**  
SCALE : 3/4" = 1'-0"



**7 ROOF EDGE**  
SCALE : 3/4" = 1'-0"



**8 ROOF EDGE**  
SCALE : 3/4" = 1'-0"



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Alpha Project No. D21027  
P-1010

MIDLOTHIAN ISD STADIUM UPGRADES  
100 WALTER STEPHENSON ROAD MIDLOTHIAN, TX 76065



ACE PROJECT	D21027
DRAWN	CCE
DESIGNED	CCE
CHECKED	TC
DATE	Issue Date

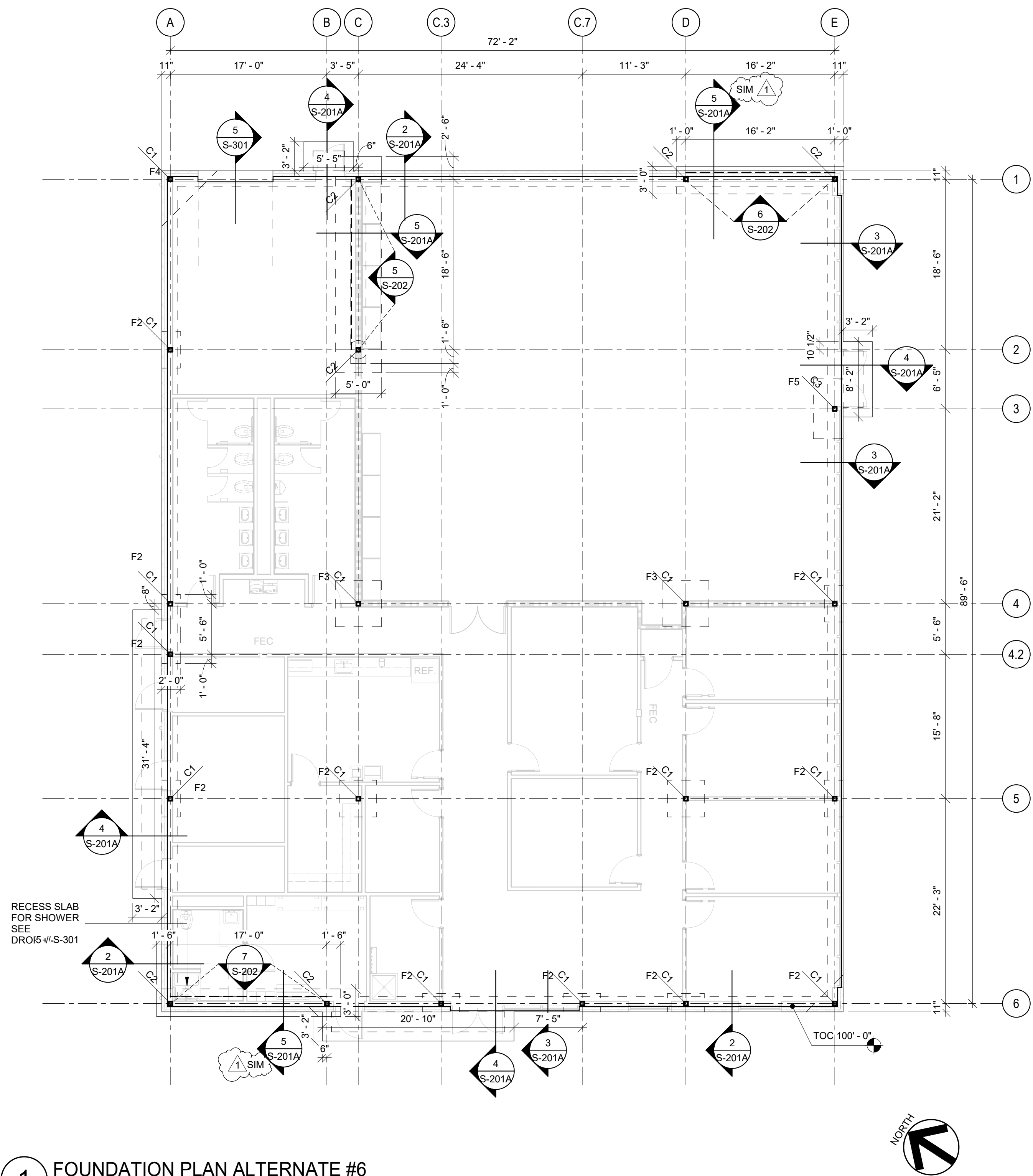
Revisions	
Revision Date	Revision
1	Date 1 ADDENDUM #2

DRAWING TITLE  
**FOUNDATION & ROOF FRAMING PLAN**

SHEET NUMBER  
**S-201**



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1 FOUNDATION PLAN ALTERNATE #6  
SCALE : 1/8" = 1'-0"

FOOTING SCHEDULE		
TYPE	"a" "	REINFORCING
F2	4'-0"	1 - #5 EW
F3	5'-0"	6 - #5 EW
F4	6'-0"	7 - #5 EW
F5	6'-6"	8 - #5 EW

**LEGEND**

NOTES:  
1. FOOTING DEPTH SHALL BE 2'-0" UNO  
2. DESIGNED FOR A BEARING PRESSURE OF 2,000 LBS/SQ FT AND BEARING IN A MINIMUM OF 4FT MOISTURE CONDITIONED/ COMPACTED ON SITE SOILS

- FOUNDATION PLAN NOTES**
- FINISH FLOOR ELEVATION IS 100'-0" (RELATIVE TO DATUM 100-0) UNLESS NOTED OTHERWISE.
  - TOP OF CONCRETE SLAB IS AT FINISH FLOOR UNLESS NOTED OTHERWISE.
  - TYPICAL FLOOR SLAB IS A SOIL SUPPORTED CONCRETE SLAB, 5-INCH THICK (OVERALL) OVER MODIFIED SUBGRADE. SEE GENERAL NOTES.
  - ARCHITECTURAL BACKGROUND ELEMENTS DEPICTED ON THE PLANS ARE INTENDED FOR GENERAL COORDINATION PURPOSES AND ARE NOT INTENDED FOR ANY OTHER PURPOSES. THIS PLAN MAY NOT REFLECT THE FINAL DESIGN. SEE THE ARCHITECTURAL DRAWINGS.
  - SHEET INDEX:

FOOTING SCHEDULE	S-201A
COLUMN SCHEDULE	S-201
TYPICAL CONCRETE DETAILS	S-301
TYPICAL STEEL DETAILS	S-501
VERTICAL BRACE ELEVATIONS	S-501

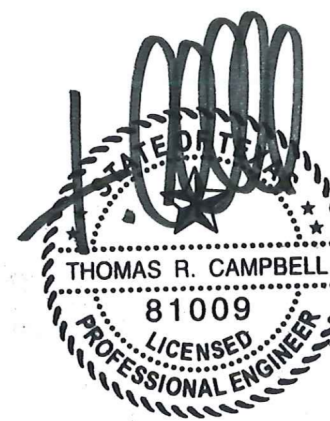
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MIDLOTHIAN ISD STADIUM UPGRADES  
100 WALTER STEPHENSON ROAD MIDLOTHIAN, TX 76065



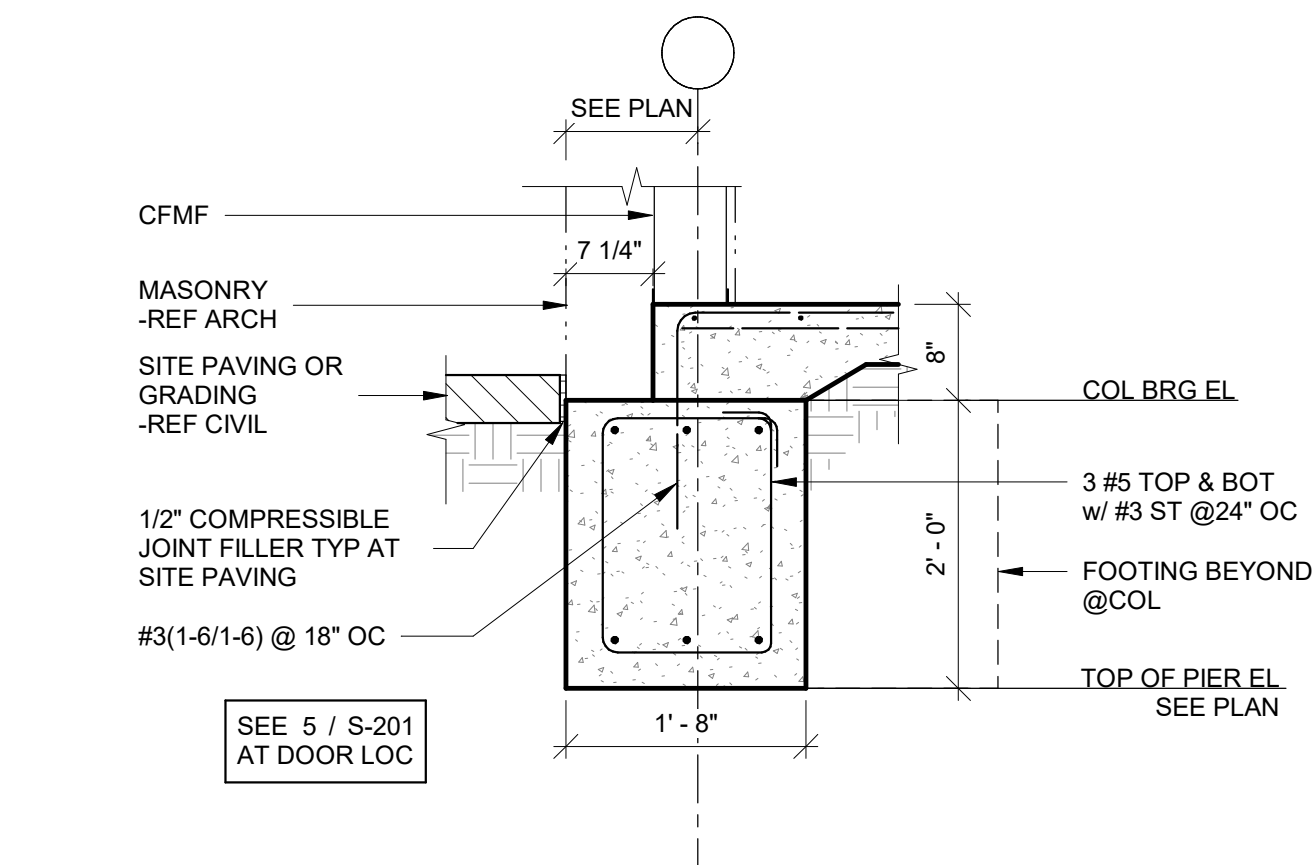
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DRAWN	CCE
DESIGNED	CCE
CHECKED	TC
DATE	Issue Date

Revisions		
Revision	Date	Revision
1	Date 1	ADDENDUM #2

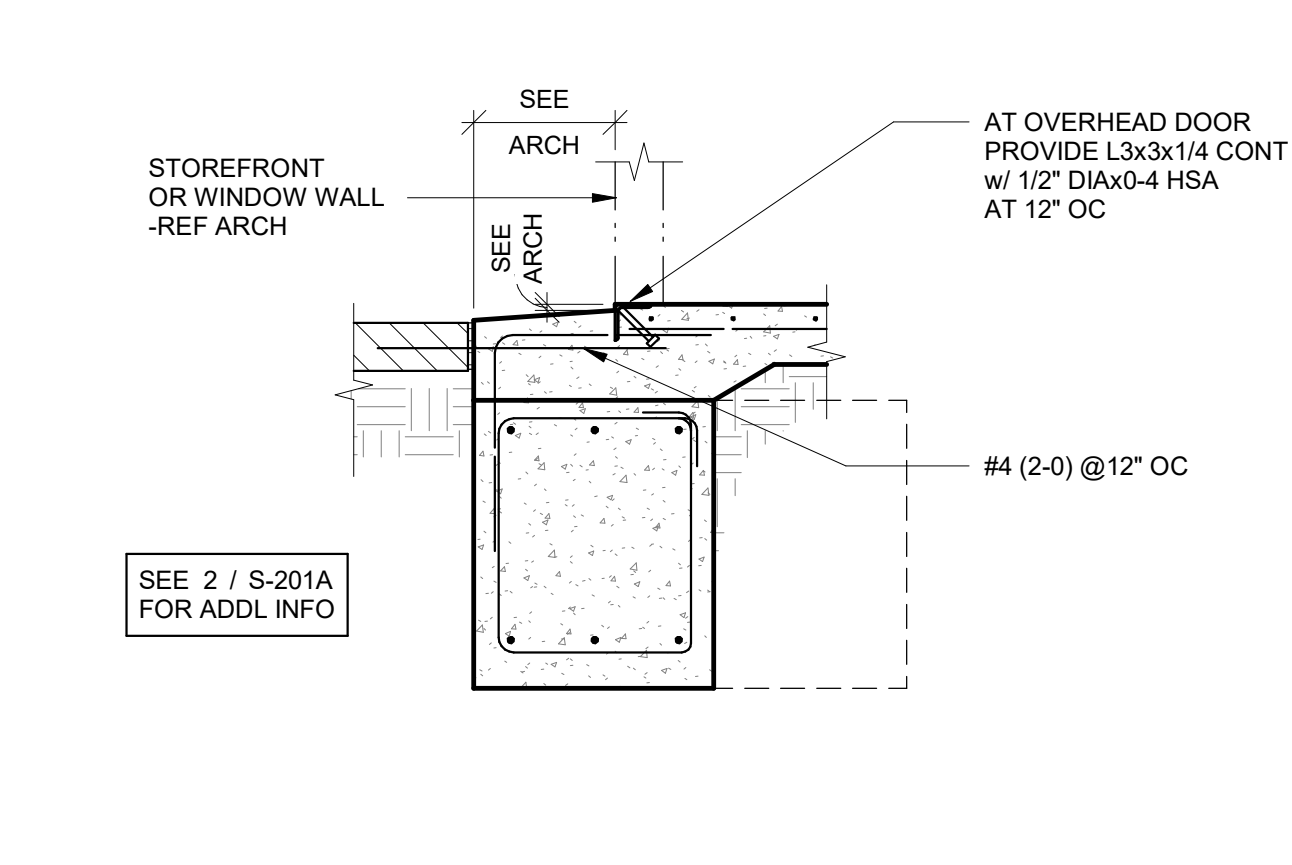
DRAWING TITLE  
FOUNDATION & ROOF  
FRAMING PLAN  
ALTERNATE BID #6

SHEET NUMBER  
S-201A

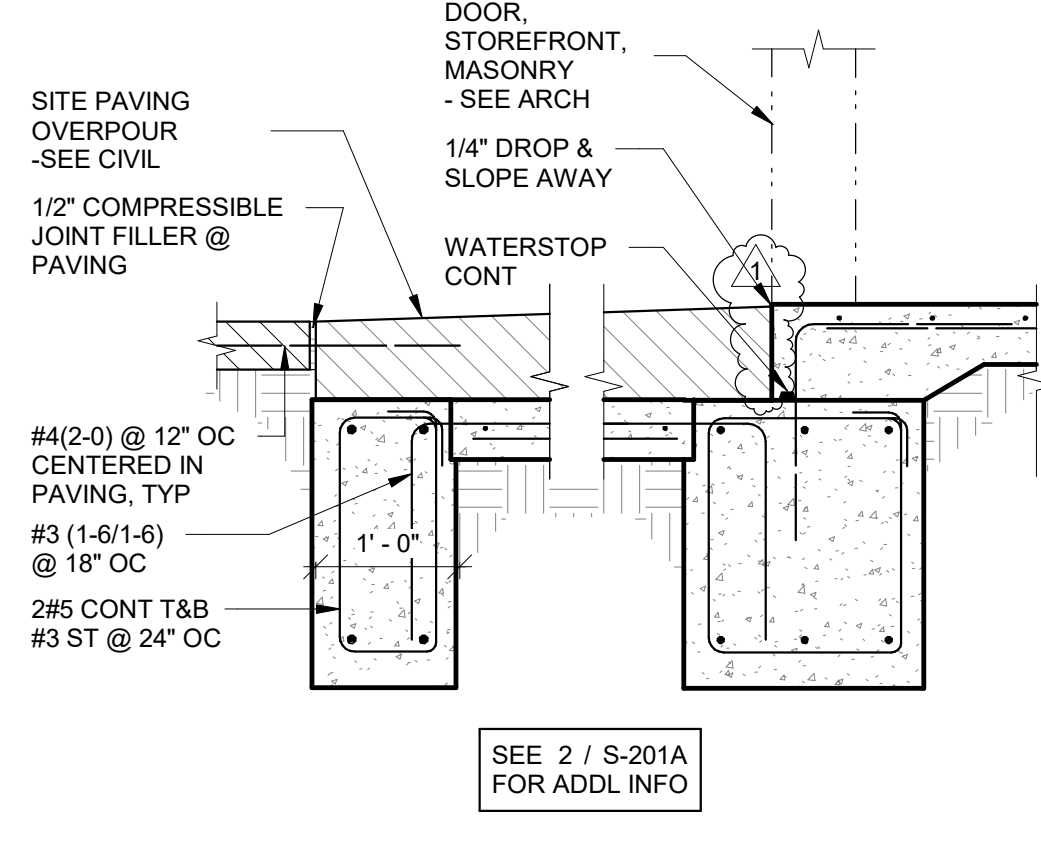
C:\Users\CatalinaC\Documents\D21027 - Midlothian Stadium Struct



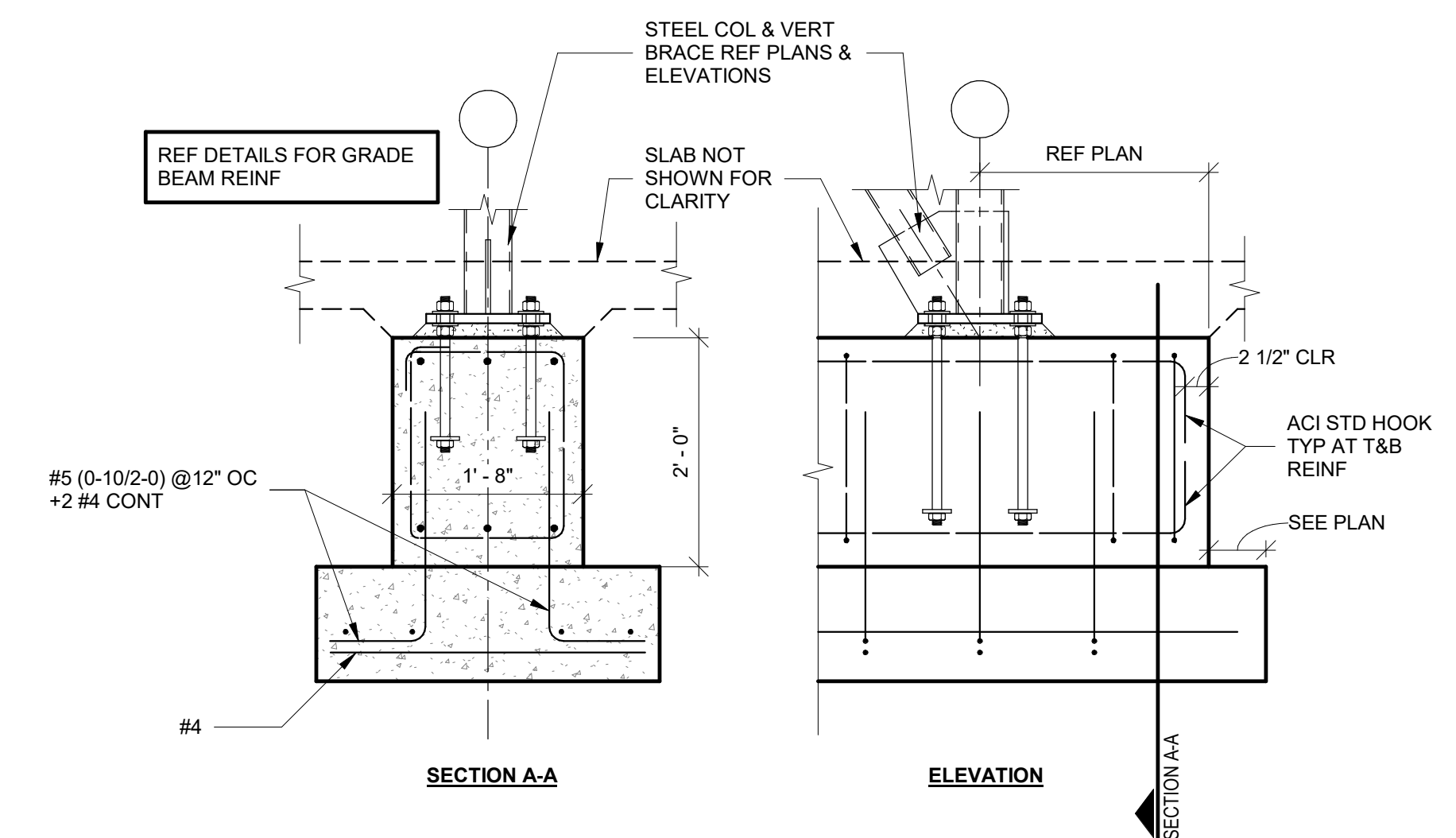
2 TYP DETAIL @BRICK  
SCALE : 3/4" = 1'-0"  
ALTERNATE BID #6



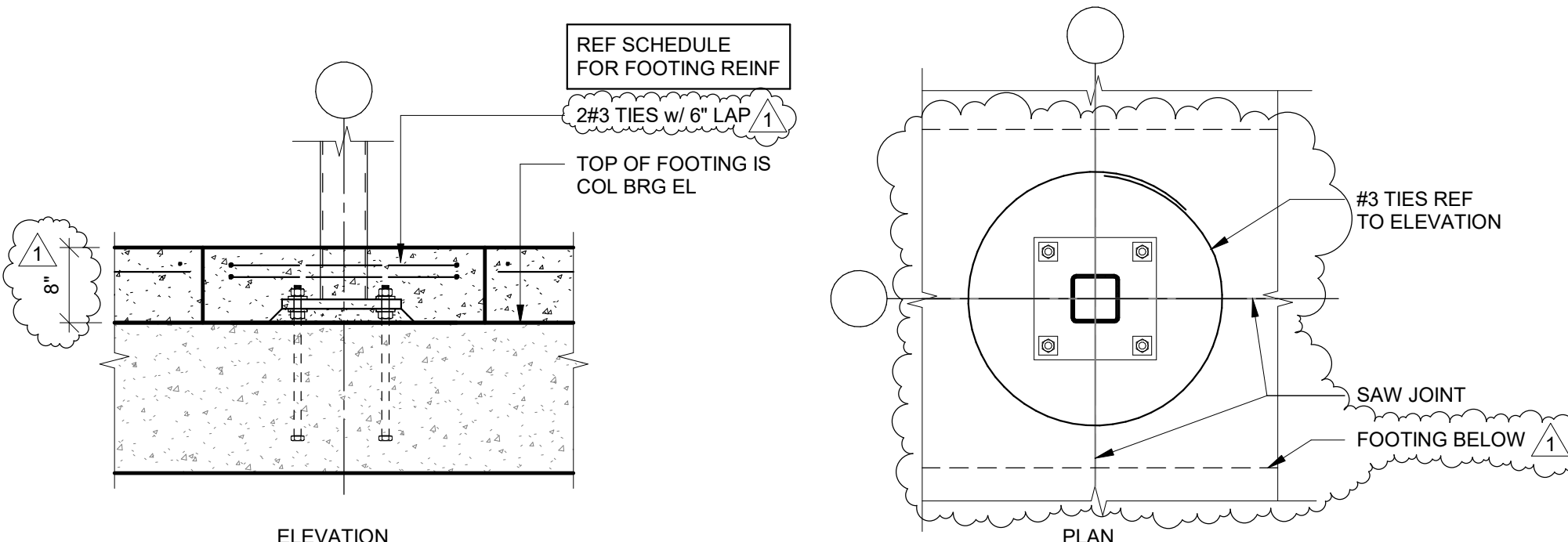
3 TYP DETAIL @STOREFRONT/OVERHEAD DOOR  
SCALE : 3/4" = 1'-0"  
ALTERNATE BID #6



4 TYP DETAIL @DOOR  
SCALE : 3/4" = 1'-0"  
ALTERNATE BID #6

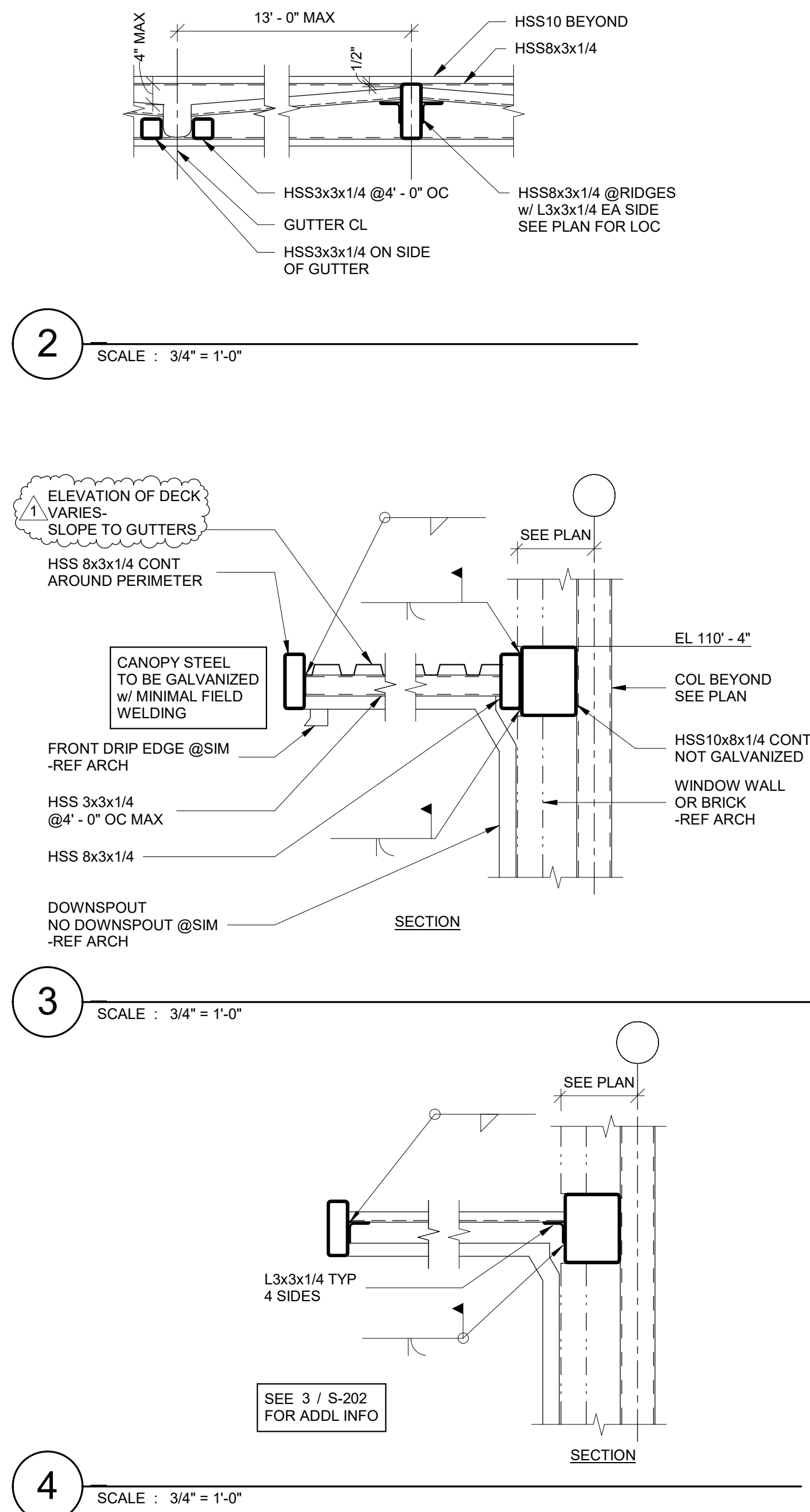


5 ALT TYP VERT BRACE  
SCALE : 3/4" = 1'-0"  
ALTERNATE BID #6



7 ALT TYP INT COL BLOCK OUT  
SCALE : 3/4" = 1'-0"  
ALTERNATE BID #6





**VERTICAL BRACE NOTES**

- FORCES INDICATED ON ELEVATIONS ARE INTENDED FOR LOAD AND RESISTANCE FACTOR DESIGN METHOD. (LRFD).
- DESIGN AND DETAIL CONNECTION TO RESIST AND TRANSFER FORCES BETWEEN MEMBERS WITHOUT ECCENTRICITY. DESIGN CONNECTION FOR BOTH AXIAL TENSION AND COMPRESSION CONDITION TYPICAL UNLESS NOTED OTHERWISE.
- DESIGN BEAM CONNECTIONS TO TRANSFER AND RESIST RESULTANT FORCES OF VERTICAL BRACE, AND GRAVITY SHEAR FORCE OF STEEL BEAM SIMULTANEOUSLY. UNLESS INDICATED ON VERTICAL BRACE ELEVATION, GRAVITY SHEAR FORCE OF STEEL BEAM IS 40% OF GRAVITY SHEAR CAPACITY LISTED IN TYPICAL STEEL BEAM CONNECTION DETAIL.
- DESIGN CONNECTION ACCORDING TO STRUCTURAL STEEL CODE LISTED IN STRUCTURAL NOTES.
- SEE DETAIL & TABLE BELOW FOR ADDITIONAL INFORMATION.

BRACE WIDTH	MINIMUM WELD LENGTH ("L")	MINIMUM GUSSET PL. THICKNESS	MIN WALL THICKNESS OF BRACE	MINIMUM WELD THICKNESS ("A")
4"	4"	3/8"	1/4"	3/16"
5"	5"	3/8"	1/4"	3/16"
6"	6"	3/8"	5/16"	1/4"
8"	8"	1/2"	3/8"	5/16"
10"	10"	1/2"	1/2"	5/16"

SEE TABLE BELOW FOR ADDITIONAL INFORMATION.

BRACE CL.

BRACE CL.

TUBE OR WIDE FLANGE COL.

SLOT IN HSS BRACE FOR GUSSET PL., TYP.

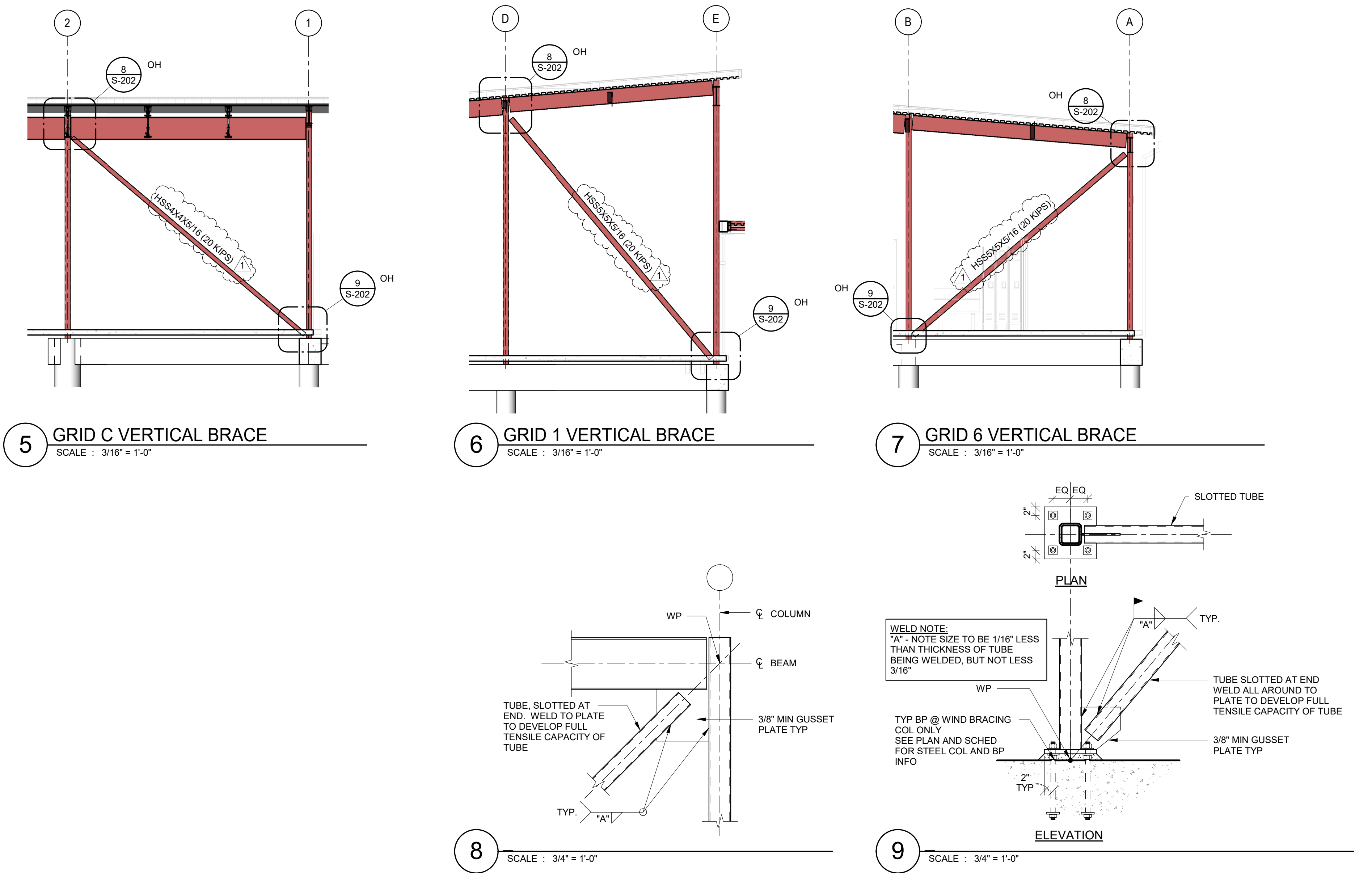
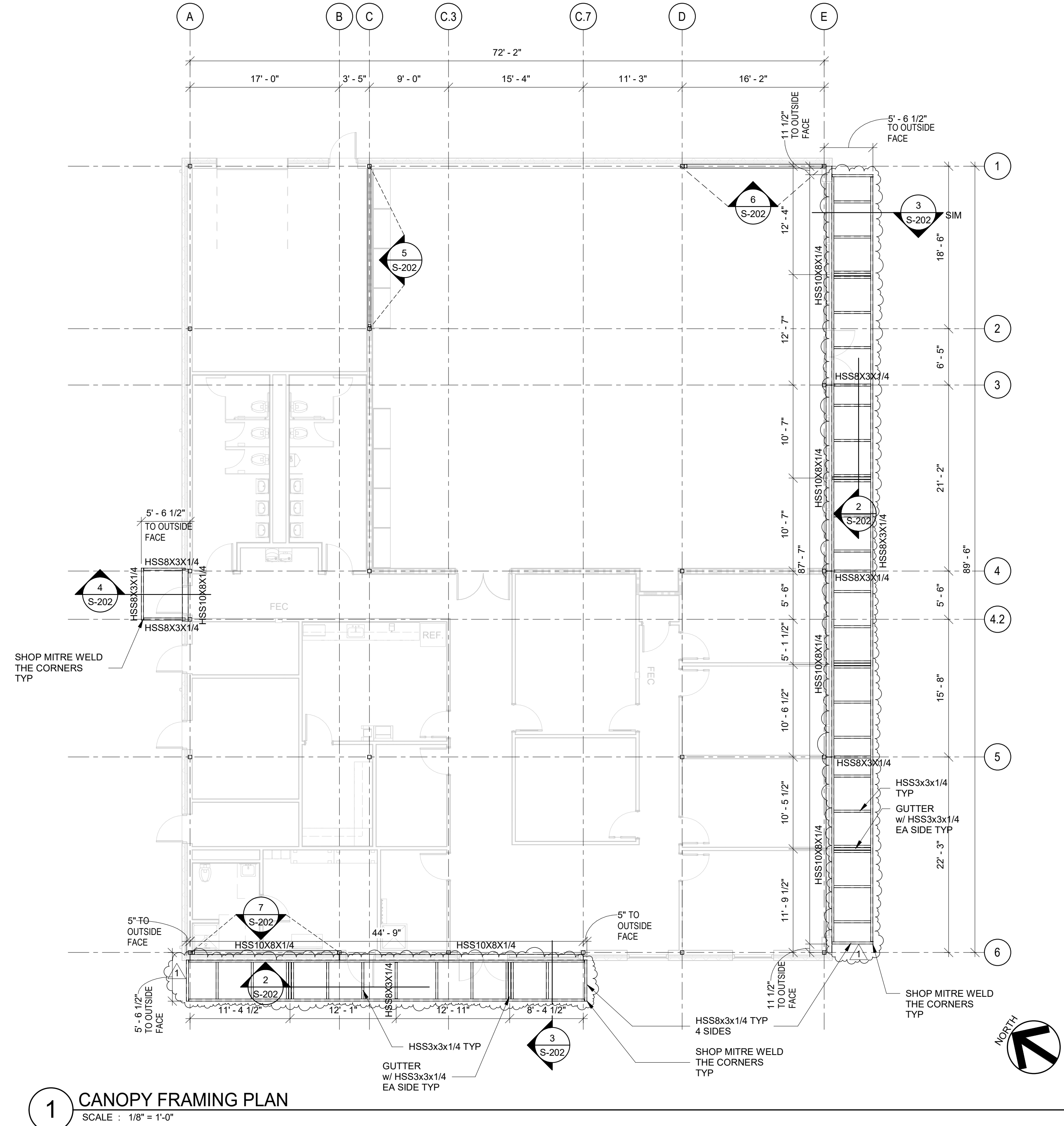
"A" "L"

GUSSET PL. DESIGNED BY CONTRACTOR. SEE TABLE BELOW FOR MINIMUM REQUIREMENTS.

BEAM CL.

CONNECTIONS BY CONTRACTOR. SEE PLAN & ELEVATIONS FOR REQUIRED DESIGN FORCES.

WORKPOINT AT CL OF ALL ADJOINING MEMBERS. TYP. THROUGHOUT.







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OWP PROJECT NO. DATE OF ISSUE  
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DELTA	DESCRIPTION	DATE
1	ADDENDUM 02	10/18/2021

PROJECT TEAM  
ED TEXAS  
DRAWN BY  
RWB

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
ROOF PLAN - DEMOLITION  
CONCESSION (ALTERNATE) -  
MPE

SHEET NO.

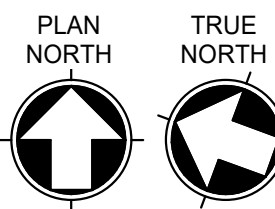
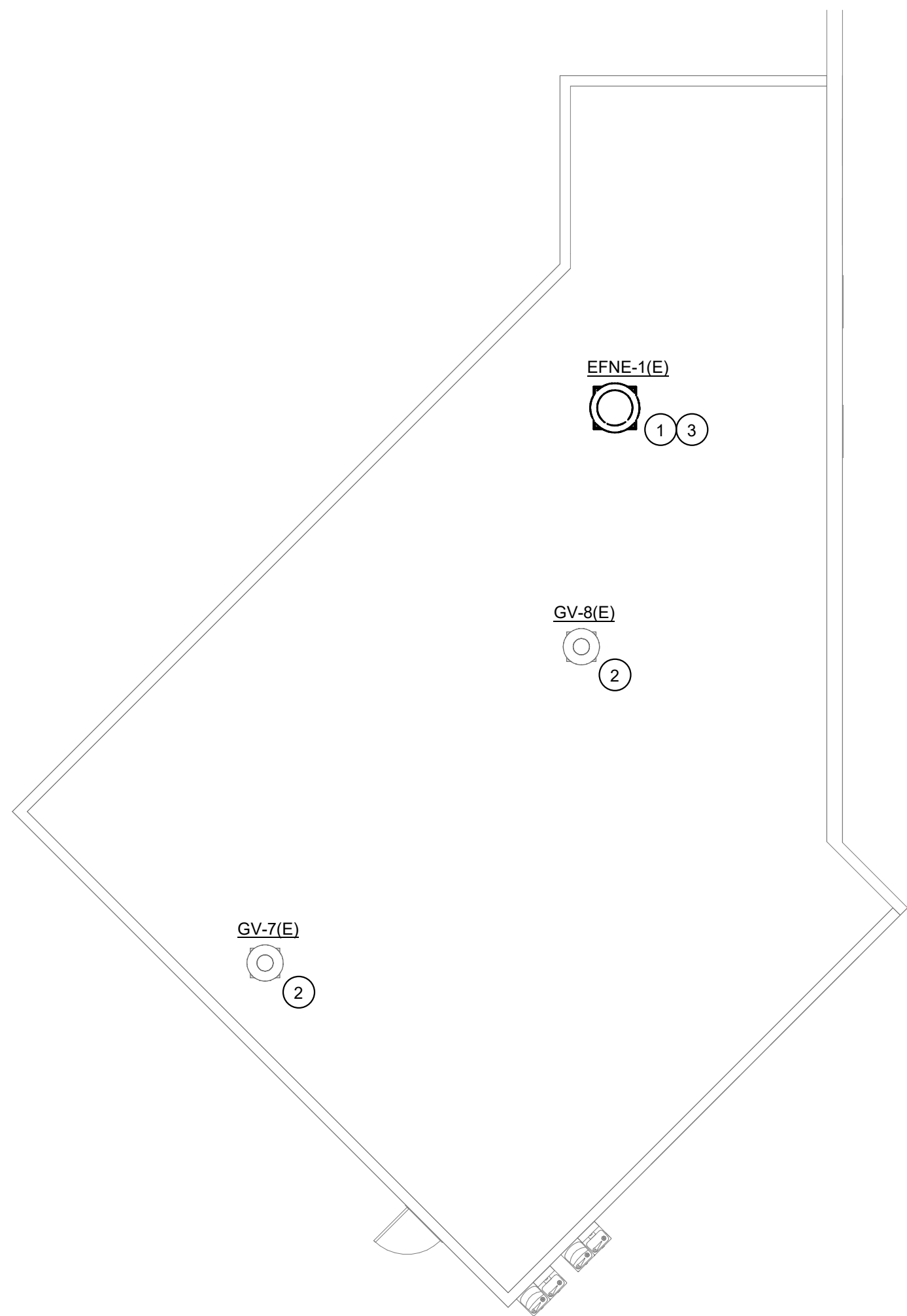
DMPE-100

**GENERAL ROOF DEMOLITION NOTES:**

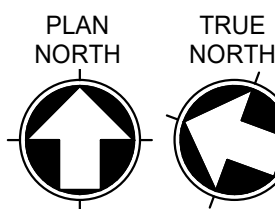
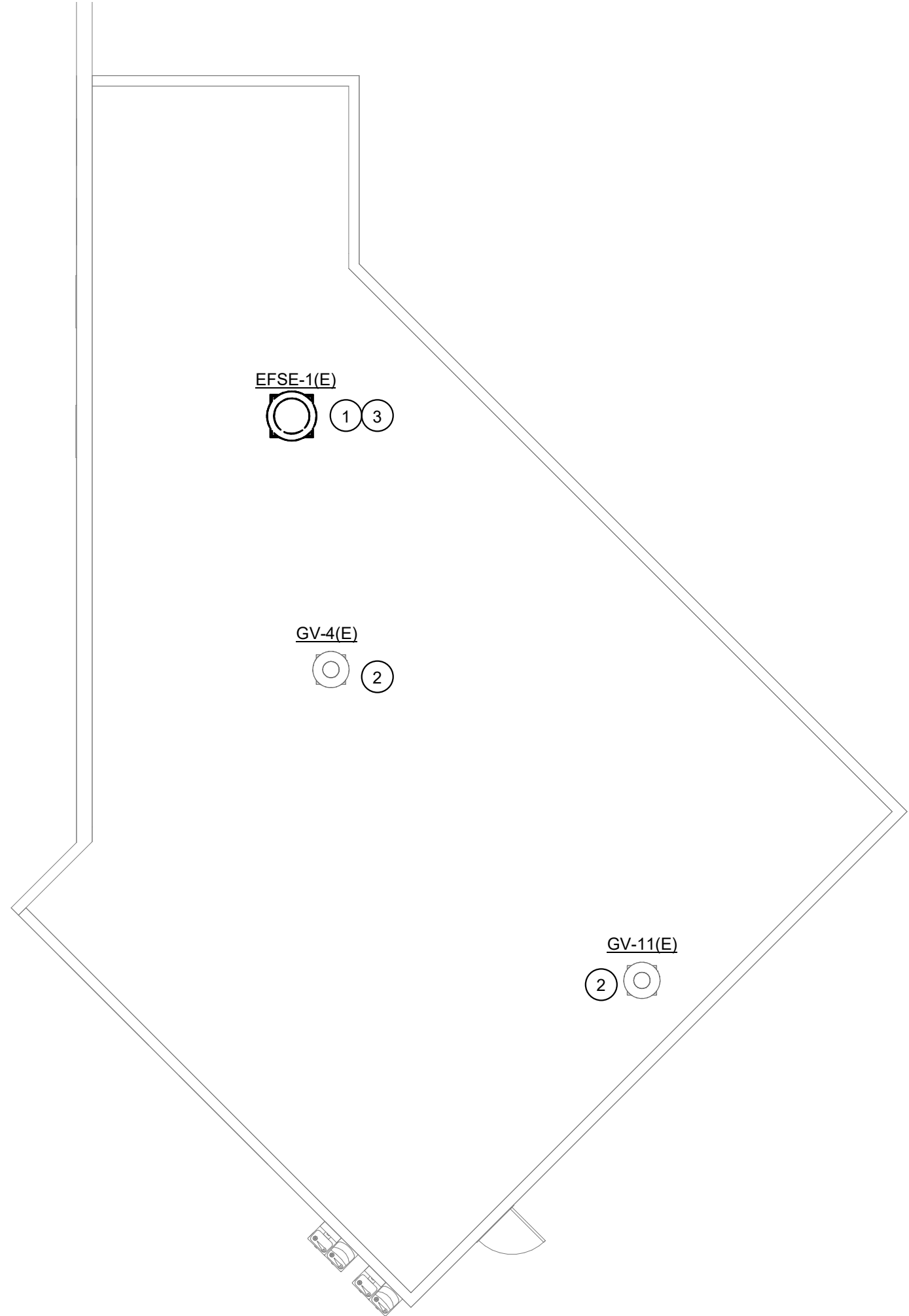
1. THE INFORMATION ON THE DEMOLITION DRAWINGS ARE NOT FROM "AS-BUILT" DRAWINGS BUT FROM ORIGINAL DRAWINGS. THIS INFORMATION IS INCLUDED FOR REFERENCE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE AMOUNT OF WORK THAT WILL BE REQUIRED. CONTRACTOR SHALL EXAMINE THE EXISTING BUILDING AND GENERALLY VERIFY THE LOCATION OF ALL EXISTING WORK AND BECOME INFORMED AS TO THE RELATION TO, AND EFFECT ON, THE WORK REQUIRED BEFORE SUBMITTING A BID. SUBMISSION OF A BID WILL CONSTITUTE EVIDENCE THAT THE CONTRACTOR HAS INSPECTED THE SITE OF THE PROPOSED WORK.
2. EXISTING MPE ITEMS TO BE REMOVED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE DESIGNATED OWNER'S REPRESENTATIVE.
3. COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT WILL EFFECT OTHER SYSTEMS WITHIN THE LIMIT OF NEW CONSTRUCTION OR OTHER AREAS OF THE BUILDING. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION, AND, THEREFORE, UTILITIES MUST REMAIN IN OPERATION AT ALL TIMES. ANY REQUIRED OUTAGES MUST BE COORDINATED WITH THE OWNER.
4. PRIOR TO THE REMOVAL OF ANY MPE ITEMS OR EQUIPMENT, CONTRACTOR MUST VERIFY THE ORIGIN AND TERMINATION OF THOSE SYSTEMS AND CONFIRM THAT THE ITEMS BEING REMOVED DO NOT SERVE ANY ITEMS THAT ARE TO REMAIN (INCLUDING THOSE IN AREAS OUTSIDE THE CONTRACT LIMITS).
5. CONTRACTOR SHALL CONTACT CONTROLS SYSTEM INSTALLER BEFORE ANY DEMOLITION WORK IS STARTED TO ALLOW THEM TO TAG & IDENTIFY ITEMS TO REMAIN AND BE PROTECTED AND ITEMS TO BE REMOVED.
6. DO NOT ABANDON ANY ITEMS IN PLACE. REMOVE ALL COMPONENTS ASSOCIATED WITH EACH ITEM CALLED OUT TO BE REMOVED. WHERE ITEMS ARE REMOVED PATCH/REPLACE ROOF, WALLS, CEILING OR FLOOR, AS APPLICABLE, TO MATCH EXISTING FINISHES, WHERE NEW FINISHES ARE CALLED FOR PATCHING SHALL MATCH THE NEW FINISH.
7. REMOVE ELECTRICAL CONNECTIONS TO EXISTING MECHANICAL AND PLUMBING EQUIPMENT BEING REMOVED.
8. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING UNITS WITH THE DISTRICT, ALLOWING THE DISTRICT TO REMOVE ANY EXISTING UNIT COMPONENTS FOR SPARE STOCK.
9. FEEDERS OR BRANCH CIRCUIT ELECTRICAL CONNECTIONS TO EXISTING MECHANICAL AND PLUMBING EQUIPMENT BEING REMOVED ARE TO BE DISCONNECTED AND REMOVED BACK SOURCE. WHERE CIRCUITS ARE RE-USED PROVIDE NEW DISCONNECT SWITCHES OR CIRCUIT BREAKERS FOR NEW EQUIPMENT AS INDICATED ON PLANS.
10. EXISTING 120V ROOFTOP RECEPTACLE BRANCH CIRCUIT SHALL REMAIN FOR REUSE WITH NEW WEATHERPROOF COVERED GFCI ROOFTOP RECEPTACLES WHEREVER APPLICABLE.

**NOTES BY SYMBOL:**

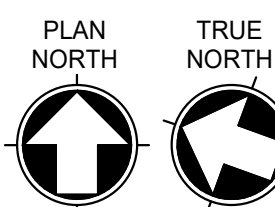
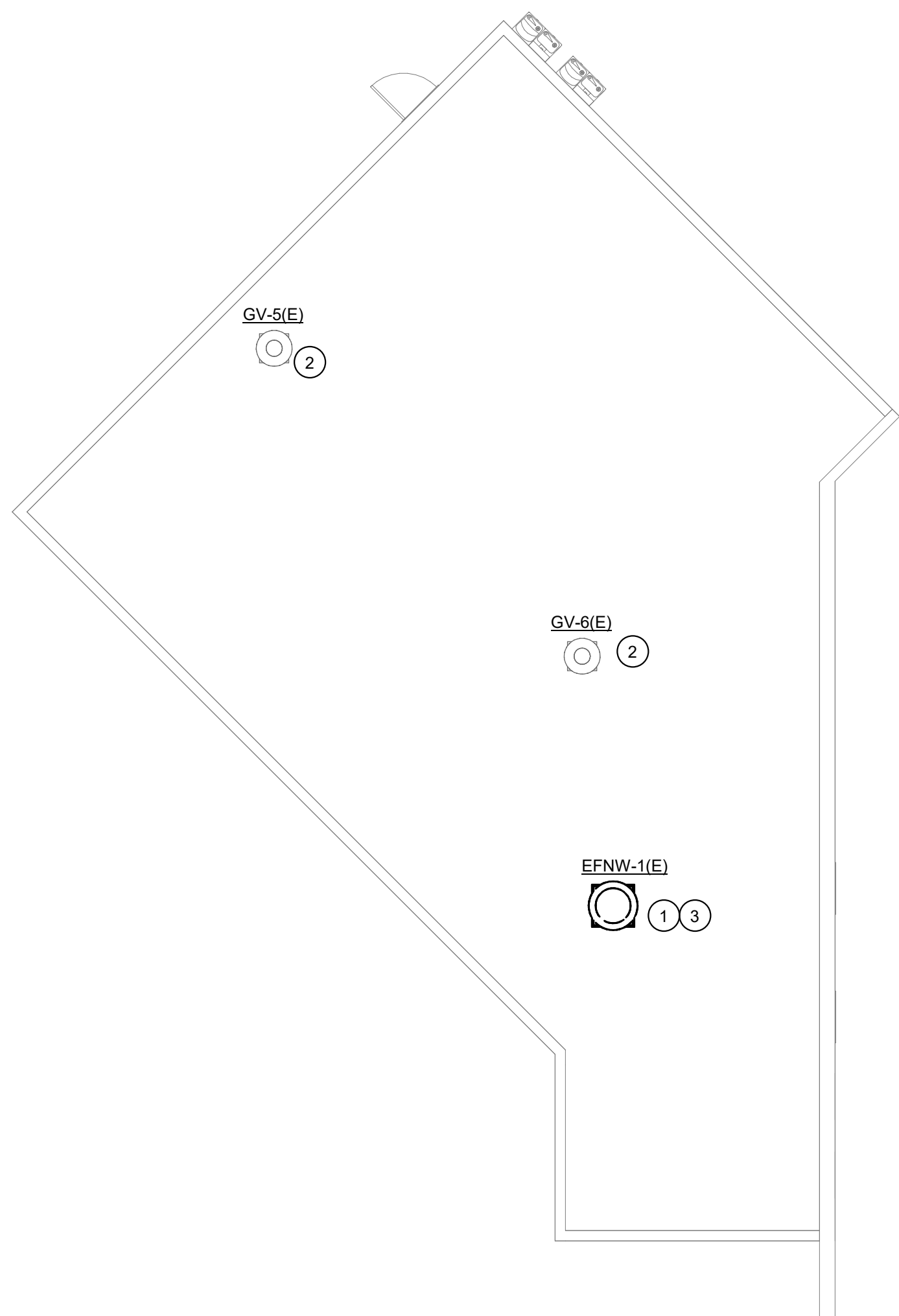
- 1 EXISTING EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW. EXISTING CURB TO REMAIN AND BE RE-USED.
- 2 EXISTING GRAVITY INTAKE TO REMAIN AND BE RE-USED.
- 3 ELECTRICAL CONTRACTOR TO DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION FOR EXISTING EXHAUST FAN. REMOVE ALL ASSOCIATED RACEWAY, CONDUCTORS, HANGERS, AND SUPPORTS BACK TO SOURCE.



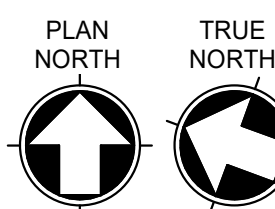
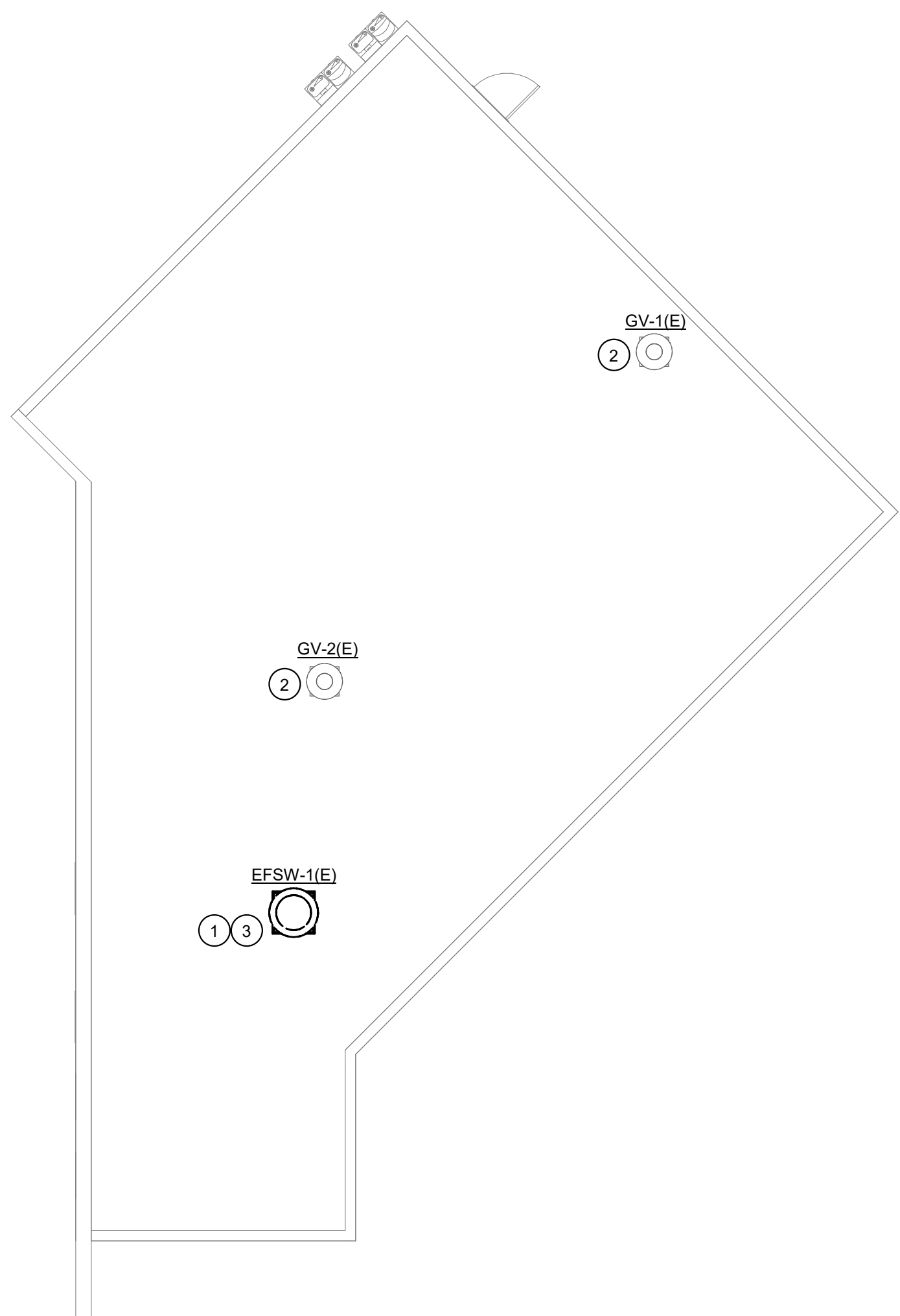
**1 ROOF PLAN - DEMOLITION CONCESSION NE- MPE**  
SCALE: 1/8" = 1'-0"



**3 ROOF PLAN - DEMOLITION CONCESSION SE- MPE**  
SCALE: 1/8" = 1'-0"



**2 ROOF PLAN - DEMOLITION CONCESSION NW- MPE**  
SCALE: 1/8" = 1'-0"



**4 ROOF PLAN - DEMOLITION CONCESSION SW- MPE**  
SCALE: 1/8" = 1'-0"

ALL WORK ON THIS SHEET  
SHALL BE PRICED AS  
ALTERNATE. REFER TO  
ARCH. DRAWINGS FOR  
ALTERNATE NUMBER.



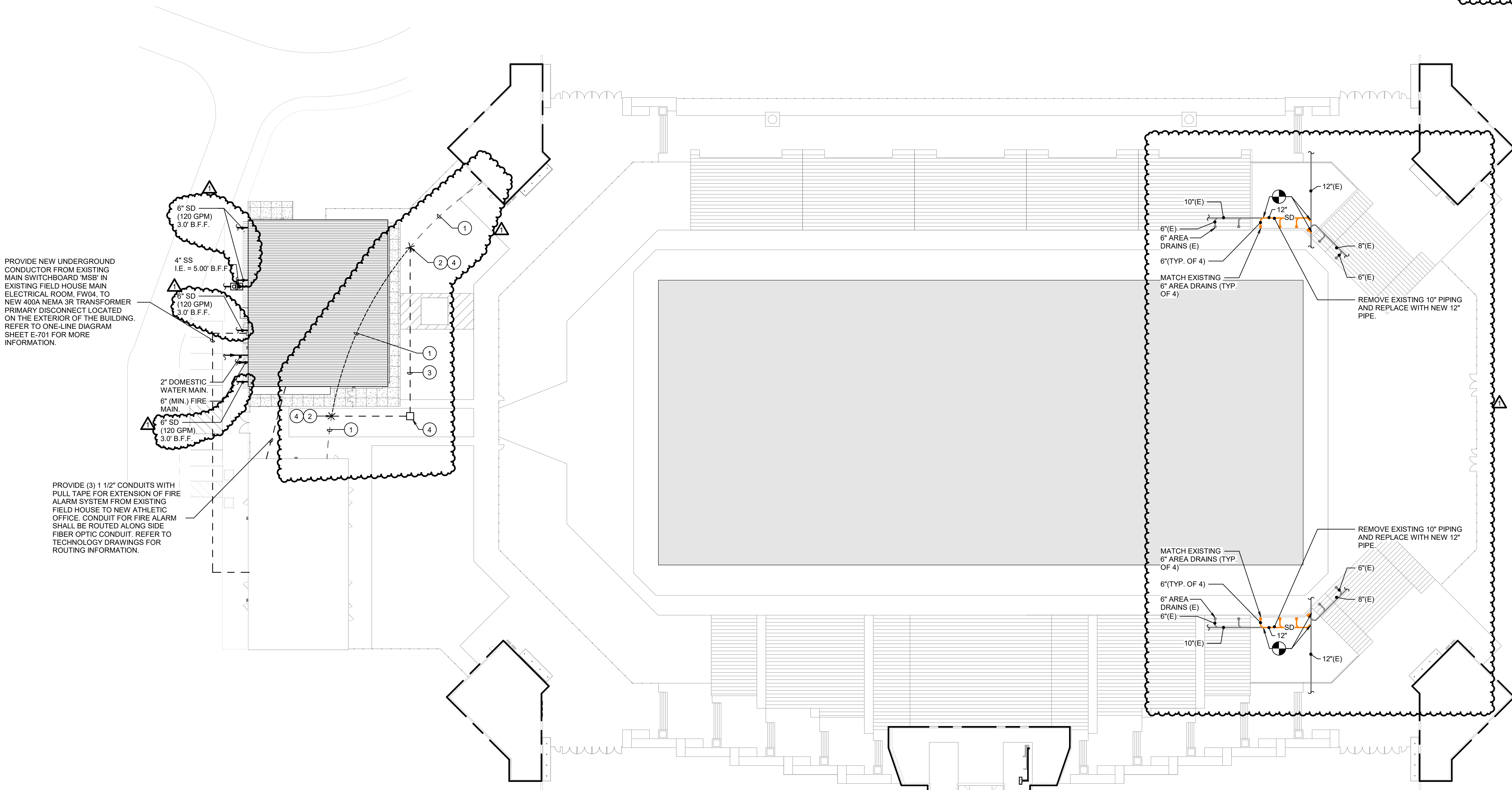


GENERAL SITE NOTES:

1. EXTEND STORM DRAIN, SANITARY SEWER, DOMESTIC WATER, AND FIRE MAIN PIPING FROM LOCATIONS SHOWN ON THE SITE AS REQUIRED, AND CONNECT TO SUB-OUTS SHOWN ON CIVIL ENGINEERING DRAWINGS.
2. CONTRACTOR SHALL BACK FILL ALL TRENCHES WITH NATIVE SOILS WHERE ALL PIPES AND CONDUITS PASS UNDER EXTERIOR GRADE BEAMS. NATIVE SOIL BACK FILL SHALL EXTEND TO 2'-0" ON EITHER SIDE OF THE GRADE BEAM. REFER TO THE GEOTECHNICAL REPORT FOR THE DEFINITION AND REQUIREMENTS FOR NATIVE SOILS.
3. ALL UNDERGROUND AND ABOVE GRADE ELECTRICAL INSTALLATIONS SHOWN ON THE SITE SHALL BE WEATHERPROOF.
4. ALL EXISTING SITE UTILITIES SHALL BE FLAGGED AND MARKED PRIOR TO CONSTRUCTION. THESE FLAGS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. ALL UTILITIES ARE TO REMAIN ACTIVE UNLESS NOTED OTHERWISE IN THE CONSTRUCTION DOCUMENTS.
5. USE LONG RADIUS BENDS FOR ALL OFFSETS IN ELECTRICAL AND TELECOMMUNICATION LINES SHOWN.

NOTES BY SYMBOL 'O':

1. APPROXIMATE ROUTING OF EXISTING UNDERGROUND FEEDER BELIEVED TO BE SERVING THE EXISTING CONCESSION BUILDING AS INDICATED. REFER TO CIVIL DRAWINGS. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXISTING FEEDER AT THE START OF CONSTRUCTION. ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXISTING CONDUCTORS BACK TO SOURCE.
2. 'X' DENOTES THE APPROXIMATE POINT OF INTERCEPTION OF THE EXISTING CONDUIT. ELECTRICAL CONTRACTOR SHALL INTERCEPT EXISTING CONDUIT AT THIS POINT AND REMOVE ALL CONDUIT BETWEEN THE TWO POINTS. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY AND DETERMINE EXACT POINT OF INTERCEPTION.
3. FROM POINT OF INTERCEPTION ELECTRICAL CONTRACTOR SHALL EXTEND EXISTING BURIED CONDUIT SO THAT THE RELOCATED FEEDER RUNS OUTSIDE OF THE CONSTRUCTION AREA (AS INDICATED) AND DOES NOT CONFLICT WITH NEW WORK. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY AND DETERMINE EXACT PATH OF NEW CONDUIT. COORDINATE REROUTE WITH ALL OTHER TRADES. PROVIDE NEW UNDERGROUND PULL BOXES AS SHOWN. PROVIDE NEW CONDUCTORS TO RECONNECT EXISTING ELECTRICAL EQUIPMENT. NEW CONDUCTORS SHALL MATCH EXISTING CONDUCTORS.
4. PROVIDE THREE (3) GROUND-MOUNTED ELECTRICAL PULL-BOXES WITH BOLT DOWN COVER. PROVIDE PULL-BOX AT BOTH POINTS OF INTERCEPTION AND WHERE INDICATED. ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF THESE PULL-BOXES WITH ALL EXISTING AND OTHER TRADES.



PROVIDE NEW UNDERGROUND CONDUCTOR FROM EXISTING MAIN SWITCHBOARD 'MSB' IN EXISTING FIELD HOUSE MAIN ELECTRICAL ROOM, FW04, TO NEW 400A NEMA 3R TRANSFORMER PRIMARY DISCONNECT LOCATED ON THE EXTERIOR OF THE BUILDING. REFER TO ONE-LINE DIAGRAM SHEET E-701 FOR MORE INFORMATION.

PROVIDE (3) 1 1/2\"/>

MIDLOTHIAN ISD  
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REVISIONS		
DELTA	DESCRIPTION	DATE
1	ADDENDUM 02	10/18/2021

PROJECT TEAM DRAWN BY  
ED TEXAS RWB  
PROJECT PHASE  
CONSTRUCTION DOCUMENTS  
SHEET CONTENTS  
SITE PLAN - MPE





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ED TEXAS RWB

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
ROOF PLAN - PRESS BOX - MPE

SHEET NO.

MPE-104

### GENERAL ROOF DEMOLITION NOTES:

1. THE INFORMATION ON THE DEMOLITION DRAWINGS ARE NOT FROM "AS-BUILT" DRAWINGS BUT FROM ORIGINAL DRAWINGS. THIS INFORMATION IS INCLUDED FOR REFERENCE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE AMOUNT OF WORK THAT WILL BE REQUIRED. CONTRACTOR SHALL EXAMINE THE EXISTING BUILDING AND GENERALLY VERIFY THE LOCATION OF ALL EXISTING WORK AND BECOME INFORMED AS TO THE RELATION TO AND EFFECT ON, THE WORK REQUIRED BEFORE SUBMITTING A BID. SUBMISSION OF A BID WILL CONSTITUTE EVIDENCE THAT THE CONTRACTOR HAS INSPECTED THE SITE OF THE PROPOSED WORK.
2. EXISTING MPE ITEMS TO BE REMOVED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE DESIGNATED OWNER'S REPRESENTATIVE.
3. COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT WILL EFFECT OTHER SYSTEMS WITHIN THE LIMIT OF NEW CONSTRUCTION OR OTHER AREAS OF THE BUILDING. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION; AND, THEREFORE, UTILITIES MUST REMAIN IN OPERATION AT ALL TIMES. ANY REQUIRED OUTAGES MUST BE COORDINATED WITH THE OWNER.
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7. REMOVE ELECTRICAL CONNECTIONS TO EXISTING MECHANICAL AND PLUMBING EQUIPMENT BEING REMOVED.
8. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING UNITS WITH THE DISTRICT, ALLOWING THE DISTRICT TO REMOVE ANY EXISTING UNIT COMPONENTS FOR SPARE STOCK.
9. FEEDERS OR BRANCH CIRCUIT ELECTRICAL CONNECTIONS TO EXISTING MECHANICAL AND PLUMBING EQUIPMENT BEING REMOVED ARE TO BE DISCONNECTED AND REMOVED BACK SOURCE. WHERE CIRCUITS ARE RE-USED PROVIDE NEW DISCONNECT SWITCHES OR CIRCUIT BREAKERS FOR NEW EQUIPMENT AS INDICATED ON PLANS.
10. EXISTING 120V ROOFTOP RECEPTACLE BRANCH CIRCUIT SHALL REMAIN FOR REUSE WITH NEW WEATHERPROOF COVERED GFCI ROOFTOP RECEPTACLES WHEREVER APPLICABLE.

### DEMOLITION NOTES BY SYMBOL:

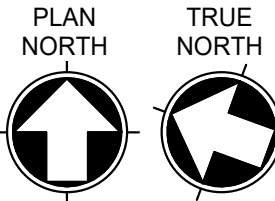
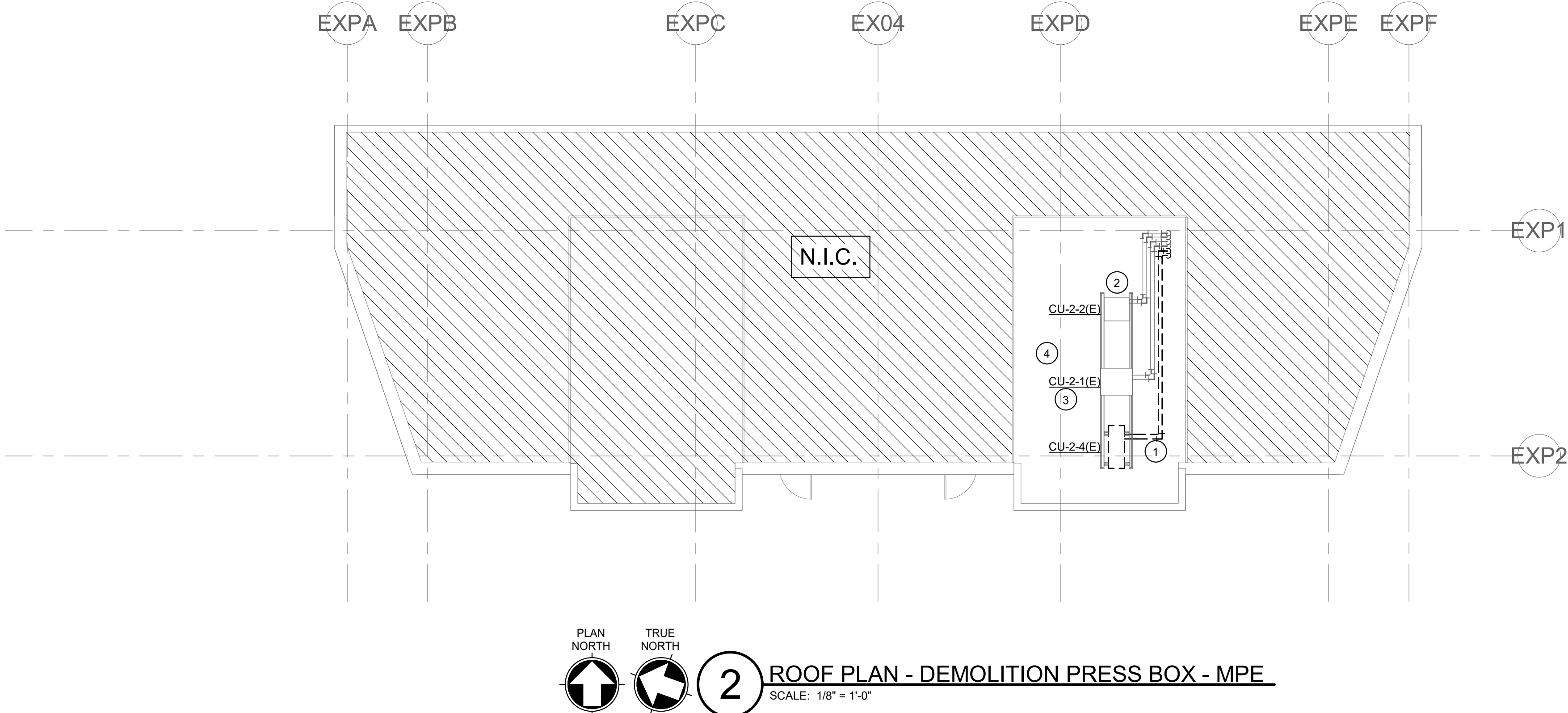
1. EXISTING CONDENSING UNIT AND ASSOCIATED REFRIGERANT PIPING TO BE REMOVED AND REPLACED WITH NEW. REFER TO PLAN '01' ON THIS SHEET FOR DETAILS.
2. EXISTING CONDENSING UNIT AND ASSOCIATED REFRIGERANT PIPING TO REMAIN AND BE RE-USED.
3. EXISTING CONDENSING UNIT CURB TO REMAIN AND BE RE-USED.
4. ELECTRICAL CONTRACTOR TO COORDINATE ANY ELECTRICAL REQUIREMENTS IN THIS SPACE WITH MECHANICAL CONTRACTOR PRIOR TO DEMOLITION WORK.

### GENERAL MECHANICAL ROOF NOTES:

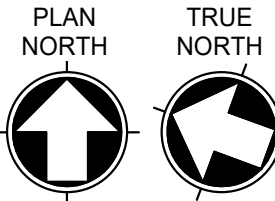
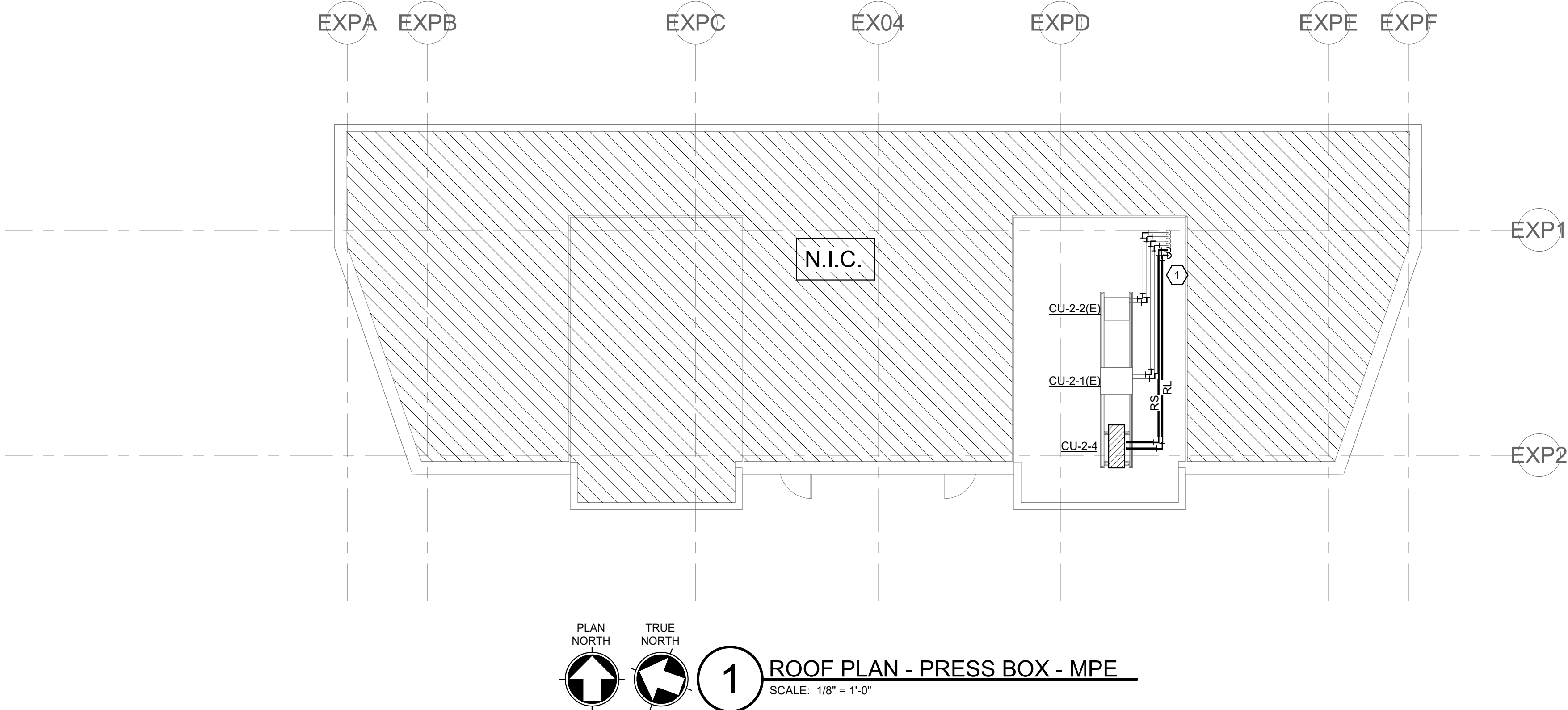
1. ALL ROOF PENETRATIONS SHALL BE MADE WATERTIGHT AND BE AS RECOMMENDED BY THE ROOF SYSTEM MANUFACTURER. REFER TO ARCHITECTURAL AND ROOFING SYSTEM CONSULTANT DRAWINGS.
2. LOCATE EQUIPMENT ON ROOF IN GENERAL LOCATIONS SHOWN.
3. MAINTAIN A MINIMUM OF 10'-0" CLEARANCE FROM PLUMBING VENTS AND EXHAUST FANS AND OUTSIDE AIR INTAKES.
4. COORDINATE ALL WORK WITH EXISTING STRUCTURAL AND ROOFING SYSTEMS INSTALLED TO INCLUDE SUPPORTS FOR EQUIPMENT.
5. ALL OUTDOOR ELECTRICAL DISCONNECT SWITCHES SHALL BE WEATHERPROOF.

### NOTES BY SYMBOL:

1. NEW RS & RL REFRIGERANT PIPING DOWN THROUGH THE ROOF. RE-USE EXISTING OPENINGS. PATCH, REPAIR AND SEAL ROOF WATERTIGHT.

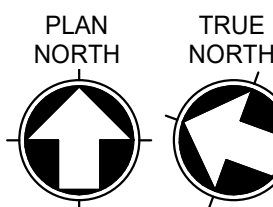


2 ROOF PLAN - DEMOLITION PRESS BOX - MPE  
SCALE: 1/8" = 1'-0"

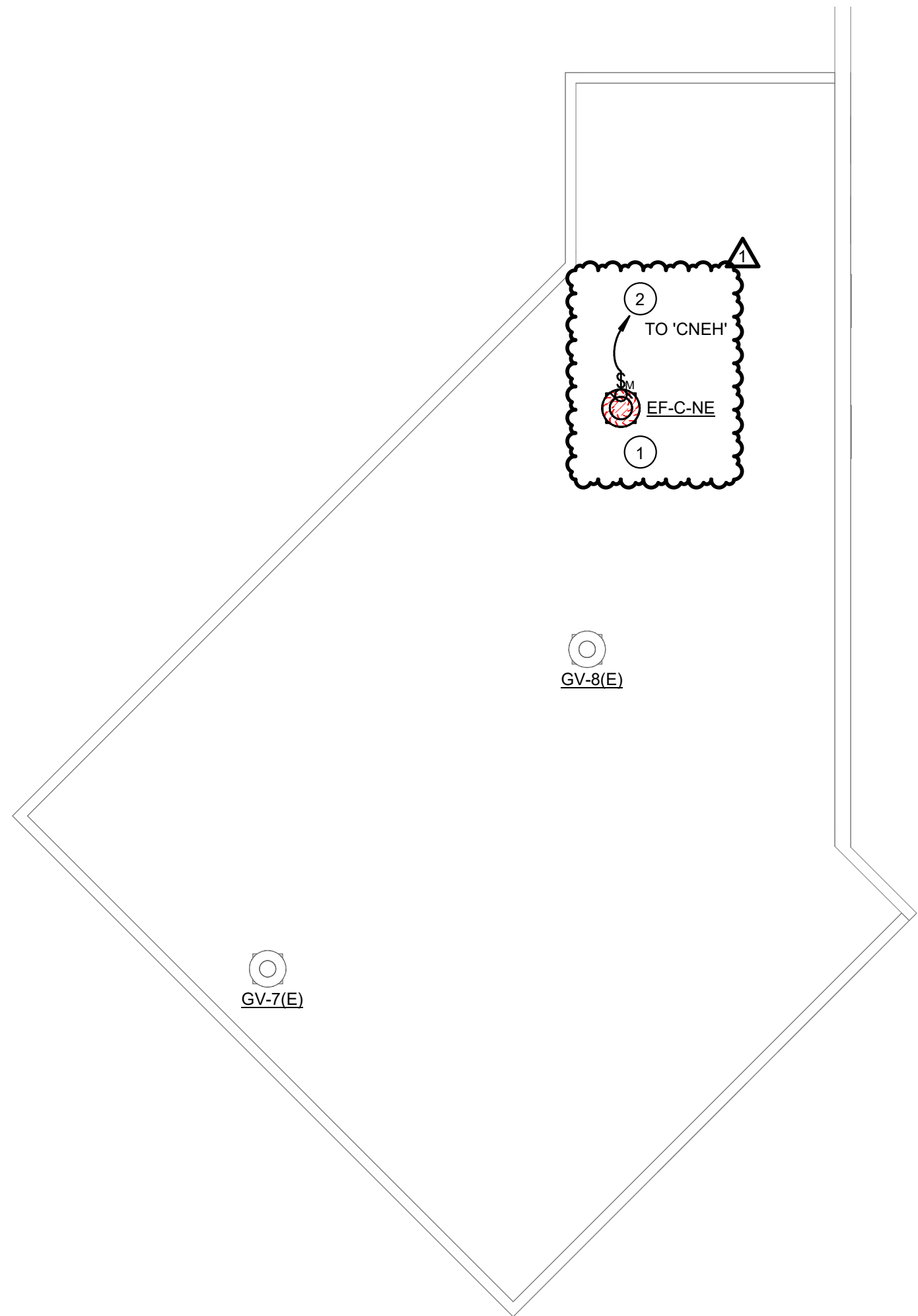


1 ROOF PLAN - PRESS BOX - MPE  
SCALE: 1/8" = 1'-0"

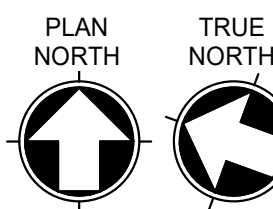




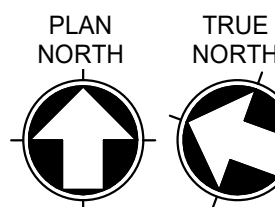
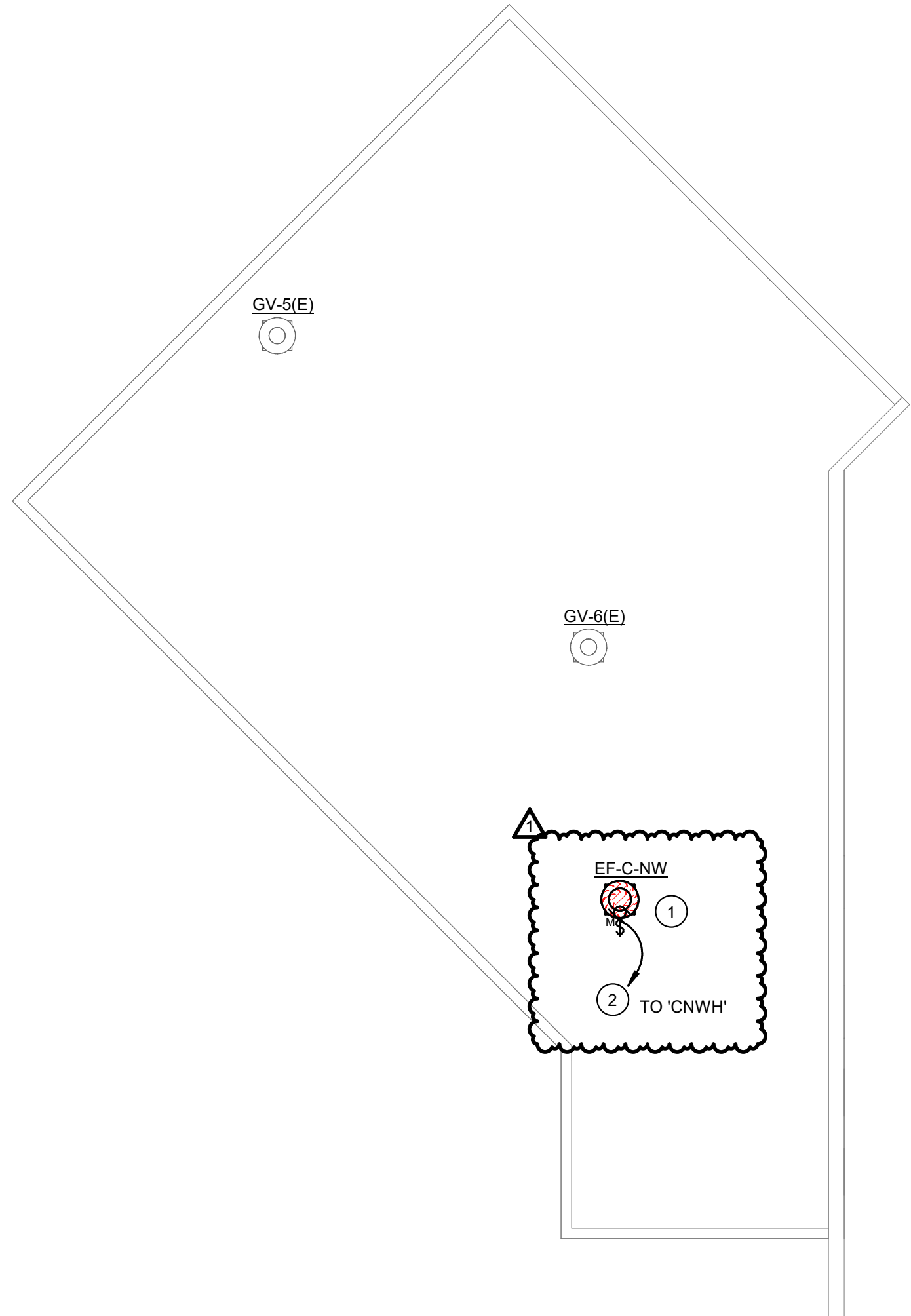
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SCALE: 1/8" = 1'-0"



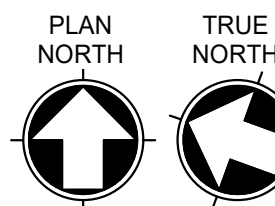
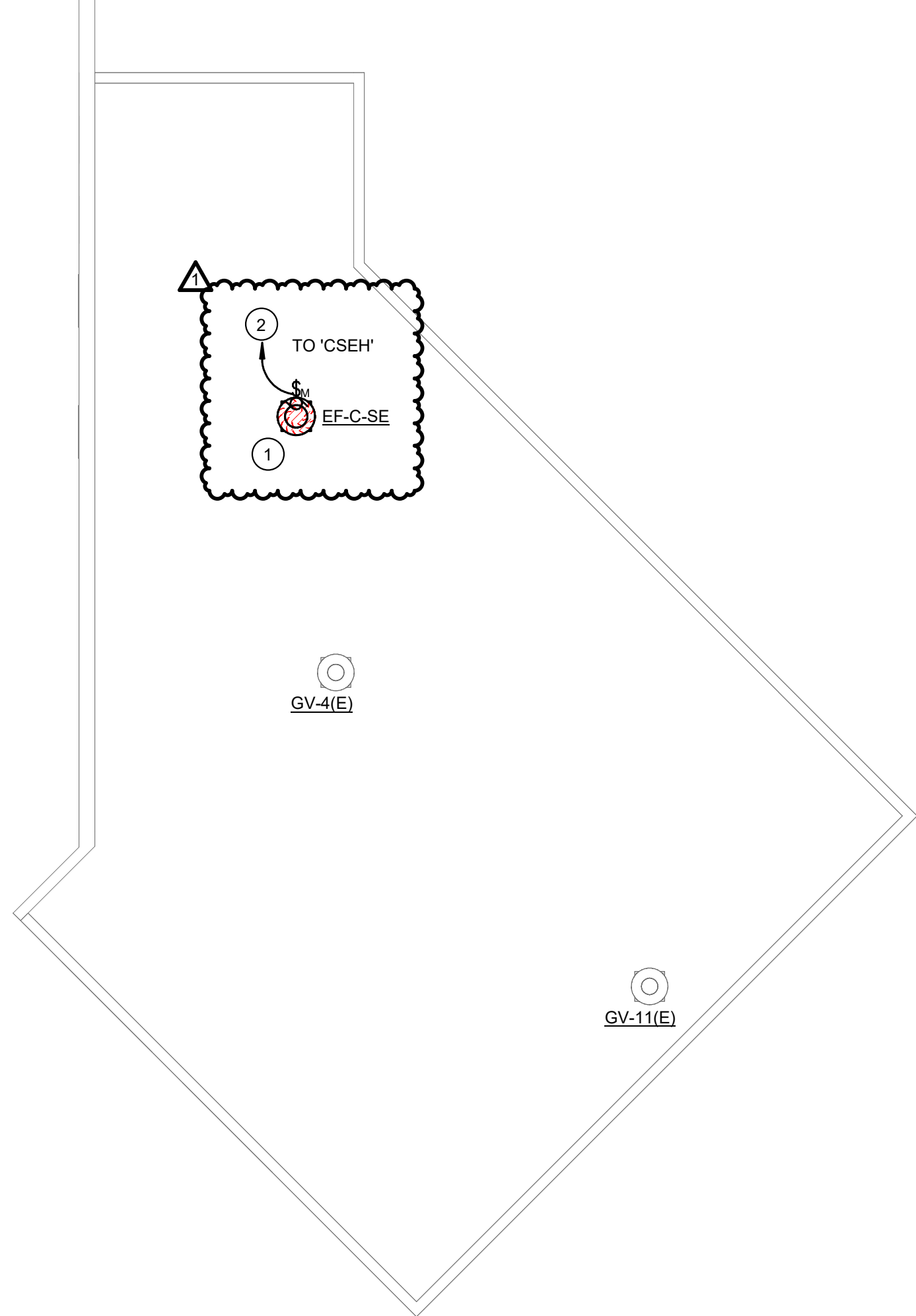
ALL WORK ON THIS SHEET  
SHALL BE PRICED AS  
ALTERNATE. REFER TO  
ARCH. DRAWINGS FOR  
ALTERNATE NUMBER.



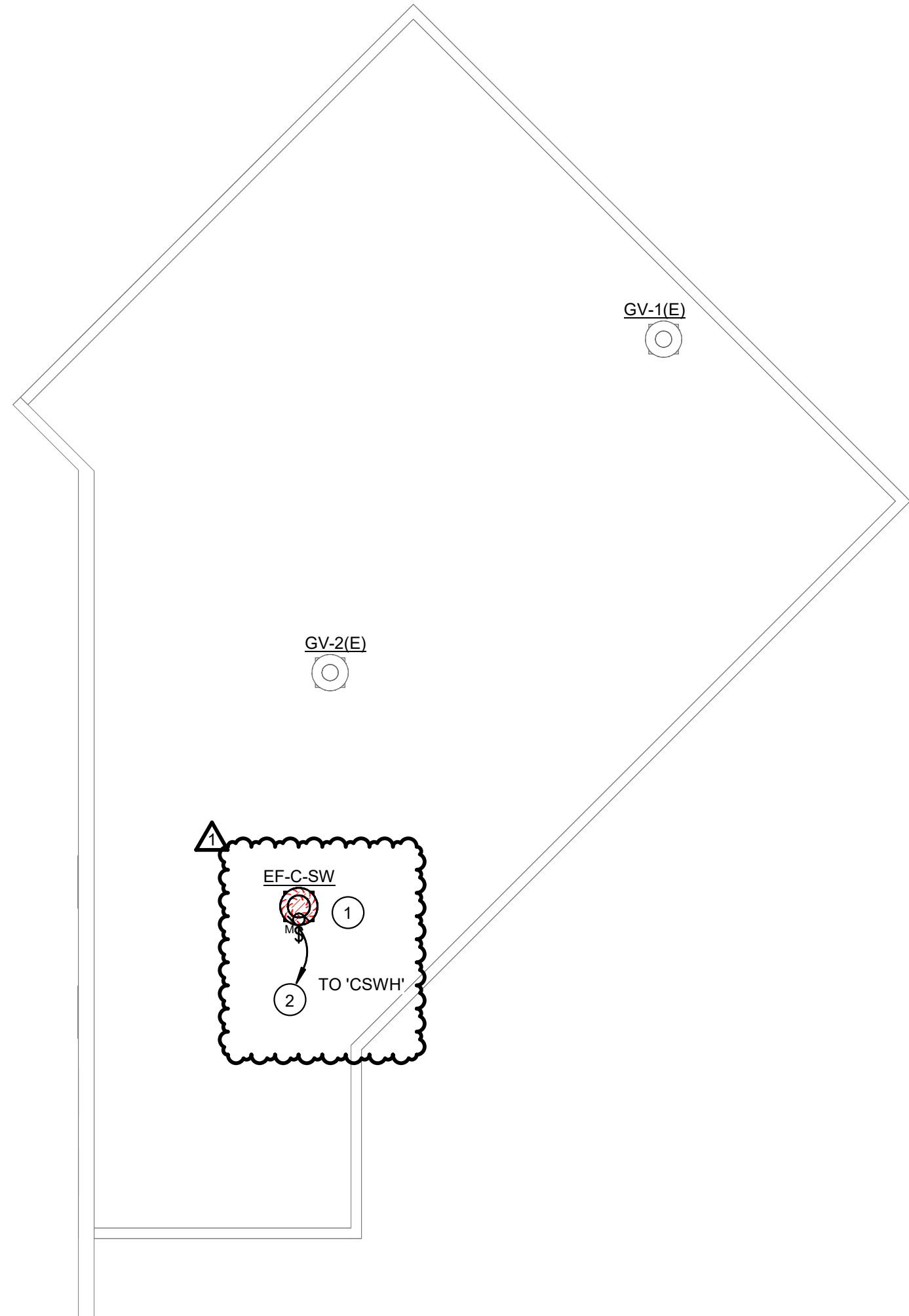
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SCALE: 1/8" = 1'-0"



**3** ROOF PLAN - CONCESSION SE- MPE  
SCALE: 1/8" = 1'-0"



**4** ROOF PLAN - CONCESSION SW- MPE  
SCALE: 1/8" = 1'-0"



**GENERAL MECHANICAL ROOF NOTES:**

1. ALL ROOF PENETRATIONS SHALL BE MADE WATERTIGHT AND BE AS RECOMMENDED BY THE ROOF SYSTEM MANUFACTURER. REFER TO ARCHITECTURAL AND ROOFING SYSTEM CONSULTANT DRAWINGS.
2. LOCATE EQUIPMENT ON ROOF IN GENERAL LOCATIONS SHOWN.
3. MAINTAIN A MINIMUM OF 10'-0" CLEARANCE FROM PLUMBING VENTS AND EXHAUST FANS AND OUTSIDE AIR INTAKES.
4. COORDINATE ALL WORK WITH EXISTING STRUCTURAL AND ROOFING SYSTEMS INSTALLED TO INCLUDE SUPPORT FOR NEW EQUIPMENT.
5. ALL OUTDOOR ELECTRICAL DISCONNECT SWITCHES SHALL BE WEATHERPROOF.

**NOTES BY SYMBOL:**

1. NEW EXHAUST FAN. PROVIDE FAN WITH ADAPTER CURB.
2. PROVIDE 277V POWER AND WEATHERPROOF MOTOR-RATED SWITCH FOR NEW EXHAUST FAN. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT PROVIDER. PROVIDE 120V POWER FROM EXISTING 480Y/277V PANEL IN EXISTING CONCESSION BUILDING ELECTRICAL ROOM. REUSE EXISTING ROOF PENETRATIONS WHERE POSSIBLE. PROVIDE NEW 277V, 20A, 1P CIRCUIT BREAKER. AIC RATING OF NEW CIRCUIT BREAKER SHALL MATCH AIC RATING OF EXISTING ELECTRICAL PANEL. REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION.



MIDLOTHIAN ISD  
**STADIUM ADDITIONS AND  
RENOVATIONS**  
1800 S 14 ST. MIDLOTHIAN, TX 76065

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OWP PROJECT NO. DATE OF ISSUE  
2021-154-00 10.07.2021

REVISIONS		
DELTA	DESCRIPTION	DATE
1	ADDENDUM 02	10/18/2021

PROJECT TEAM DRAWN BY  
ED TEXAS RWB

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
ROOF PLAN - CONCESSIONS  
(ALTERNATE) - MPE

SHEET NO.  
**MPE-105**





MIDLOTHIAN ISD  
STADIUM ADDITIONS AND  
RENOVATIONS  
1800 S 14 ST. MIDLOTHIAN, TX 76065

CLIENT CONTACT

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1	ADDENDUM 02	10/18/2021

PROJECT TEAM	DRAWN BY
ED TEXAS	RWB

PROJECT PHASE

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CONSTRUCTION DOCUMENTS

SHEET CONTENTS

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DEMOLITION FLOOR PLAN -  
CONCESSION - HVAC

SHEET NO.

MD-102

1. THE INFORMATION THE DEMOLITION DRAWINGS ARE NOT FROM "AS-BUILT" DRAWINGS BUT FROM ORIGINAL DRAWINGS. THIS INFORMATION IS INCLUDED FOR REFERENCE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE AMOUNT OF WORK THAT WILL BE REQUIRED. CONTRACTOR SHALL EXAMINE THE EXISTING BUILDING AND GENERALLY VERIFY THE LOCATION OF ALL EXISTING WORK AND BECOME INFORMED AS TO THE RELATIONSHIP OF ALL UTILITIES ON THE SITE BEFORE SUBMITTING A BID. SUBMISSION OF A BID WILL CONSTITUTE EVIDENCE THAT THE CONTRACTOR HAS INSPECTED THE SITE OF THE PROPOSED WORK.

2. EXISTING MPE ITEMS TO BE REMOVED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE DESIGNATED OWNER'S REPRESENTATIVE.
3. COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT WILL AFFECT OTHER SYSTEMS WITHIN THE LIMITED SCOPE OF CONSTRUCTION. THE REMOVAL OF THE BUILDING, INCLUDING THE DEMOLITION OF THE BUILDING, SHALL BE COMPLETED PRIOR TO THE DEMOLITION. WORK WILL BE OCCURRED DURING CONSTRUCTION, AND, THEREFORE, UTILITIES MUST REMAIN IN OPERATION AT ALL TIMES. ANY REQUIRED OUTAGES MUST BE COORDINATED WITH THE OWNER.
4. PRIOR TO THE REMOVAL OF ANY MPE ITEMS OR EQUIPMENT, CONTRACTOR MUST VERIFY THE ORIGIN AND TERMINATION OF THOSE SYSTEMS AND CONFIRM THAT THE SYSTEMS TO BE REMOVED DO NOT SERVE ANY ITEMS THAT ARE TO REMAIN (INCLUDING THOSE IN AREAS OUTSIDE THE CONTRACT LIMITS).
5. CONTRACTOR SHALL CONTACT CONTRACTS SYSTEM INSTALLER BEFORE ANY DEMOLITION WORK IS STARTED TO ALLOW THEM TO TAG & IDENTIFY ITEMS TO REMAIN AND BE PROTECTED AND ITEMS TO BE REMOVED.

6. DO NOT ABANDON ANY ITEMS IN PLACE. REMOVE ALL COMPONENTS ASSOCIATED WITH EACH ITEM CALLED OUT TO BE REMOVED. WHERE ITEMS ARE REMOVED PATCH/REPLACE ROOF, WALLS, CEILING OR FLOOR, AS APPLICABLE, TO MATCH EXISTING FINISHES. WHERE NEW FINISHES ARE CALLED FOR PATCHING SHALL MATCH THE NEW FINISH.
7. REMOVE ELECTRICAL CONNECTIONS TO EXISTING MECHANICAL AND PLUMBING EQUIPMENT BEING REMOVED.

8. WHEN EXISTING TEMPERATURE SENSORS ARE REMOVED AND NOT RE-INSTALLED AT SAME LOCATION OR HEIGHT, PATCH, REPAIR AND PAINT WALL TO MATCH EXISTING FINISH. REFER TO ARCH. DWGS.

9. WHEN EXISTING DUCTS ARE REMOVED AND NOT RE-INSTALLED, PATCH, REPAIR WALLS AND FLOORS AND RETURN TO ORIGINAL RATING.

10. CLEAN EXISTING RE-USED EXHAUST AND TRANSFER GRILLES FREE OF ALL DUST AND DEBRIS.

11. ALL EXISTING SECURITY AND OTHER CEILING MTD DEVICES NOT SHOWN TO BE REPLACED, SHALL REMAIN IN OPERATION DURING CONSTRUCTION AND BE REINSTALLED AS NEEDED. TEMPORARILY SUPPORT AS NEEDED.

12. PROVIDE FLOOR PROTECTION IN ALL AREAS OF DEMOLITION AND NEW WORK THROUGHOUT THE BUILDING FROM WORK AREA TO EXTERIOR OF BUILDING. FLOOR PROTECTION TO BE THE FULL WIDTH OF ALL CORRIDORS AND OTHER SPACES. FLOORING TO BE RAM BOARD TYPE OF EQUAL.

13. CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING, PROTECTING, AND MOVING AS NEEDED EXISTING FRUNITURE TO REMAIN. COVER EXISTING WALLS WHERE NEEDED. ANY EXISTING WALL DAMAGED IN SCOPE OF WORK RE-PAINT AND MATCH EXISTING FINISHES.

14. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WITH EXISTING ELECTRICAL CONDUITS, CIRCUITS, SPRINKLER PIPING, LOW VOLTAGE WIRING, AND DATA TRAYS ABOVE CEILING. 2

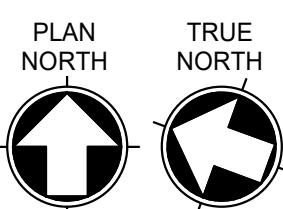
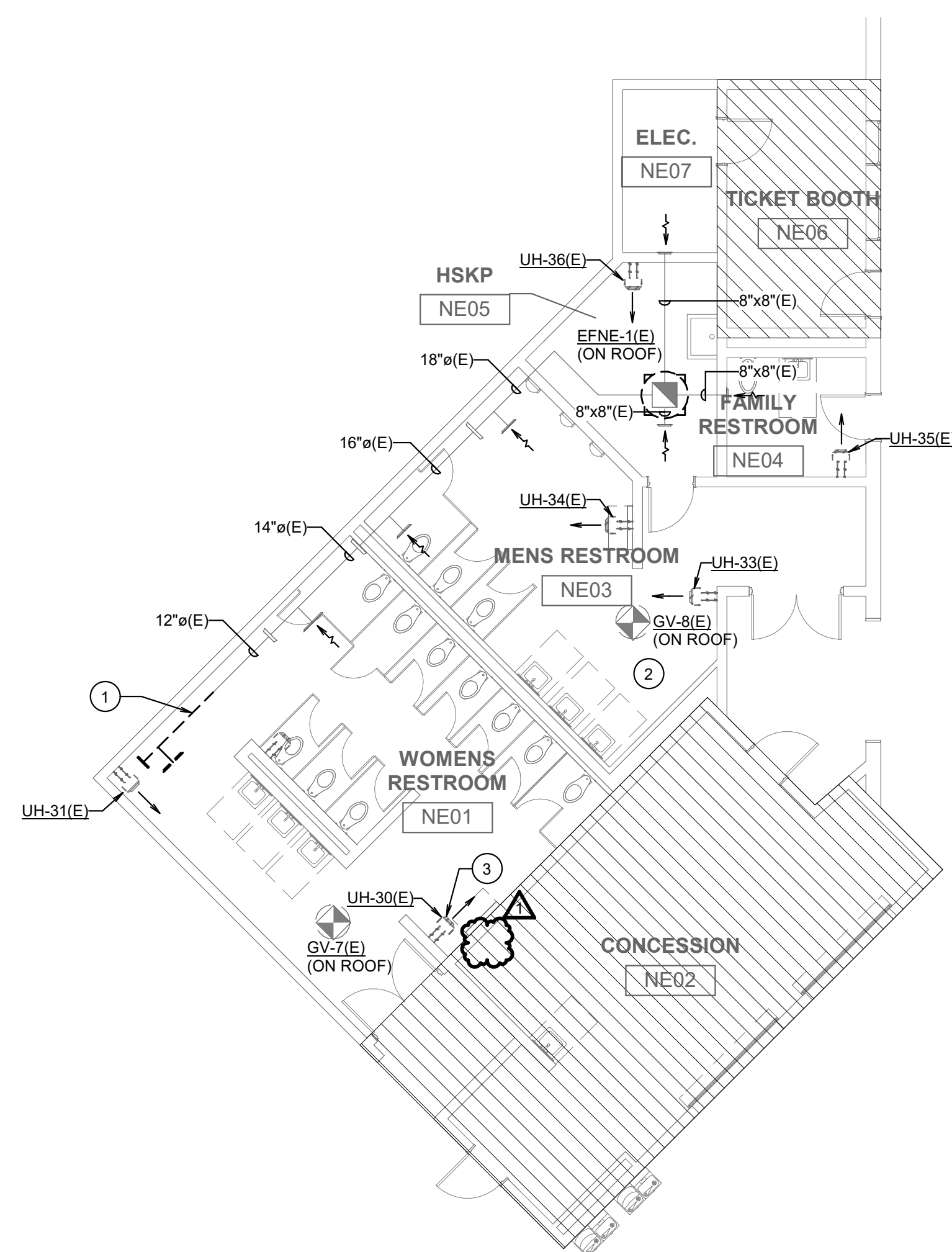
15. CONTRACTOR SHALL CAPTURE EXISTING REFRIGERANT FROM EXISTING EQUIPMENT REMOVED AND PROVIDE DISTRICT IN STANDARD SIZE REFRIGERANT CONTAINERS. DISTRICT TO PROVIDE CONTAINERS FOR CONTRACTORS TO USE AND DISTRICT TO FILTER.

### NOTES BY SYMBOL '○':

- ① EXISTING EXHAUST GRILLE AND ASSOCIATED DUCTWORK TO BE REMOVED  
BACK TO APPROXIMATE LOCATION SHOWN.

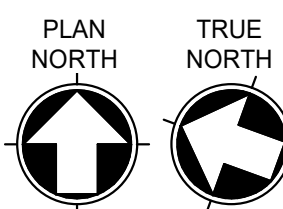
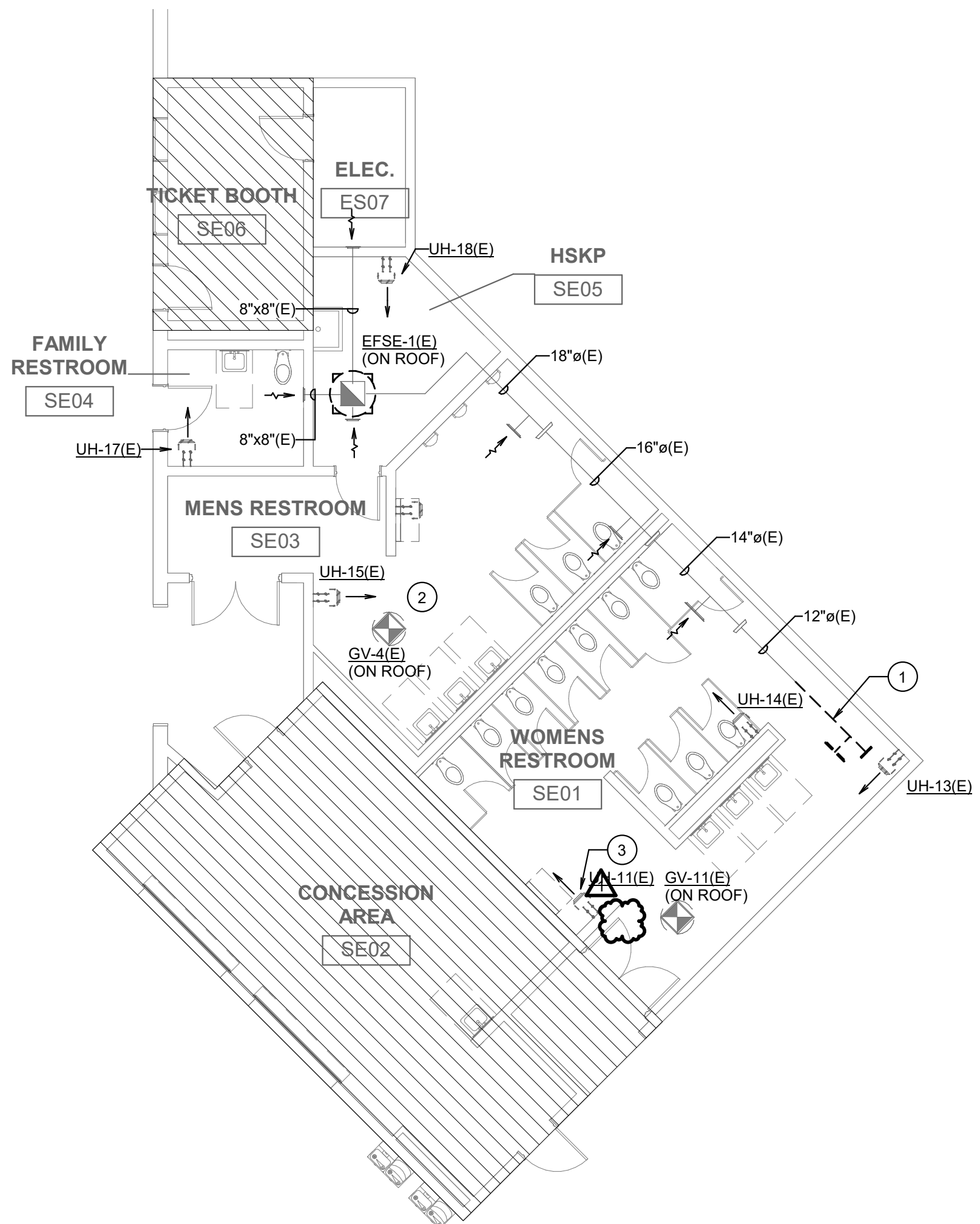
- 2 ALL EXISTING MECHANICAL EQUIPMENT INSIDE CONCESSIONS BUILDING TO REMAIN AND BE REUSED.

- 3 ELECTRIC UNIT HEATER TO BE REMOVED AND RELOCATED ON NEW WET WALL. REFER TO SHEET M-102 FOR NEW LOCATION.



1

**FLOOR PLAN - LEVEL 1 - DEMOLITION CONCESSION NORTHEAST - HVAC**  
SCALE: 1/8" = 1'-0"

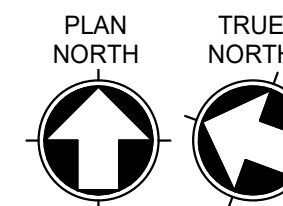
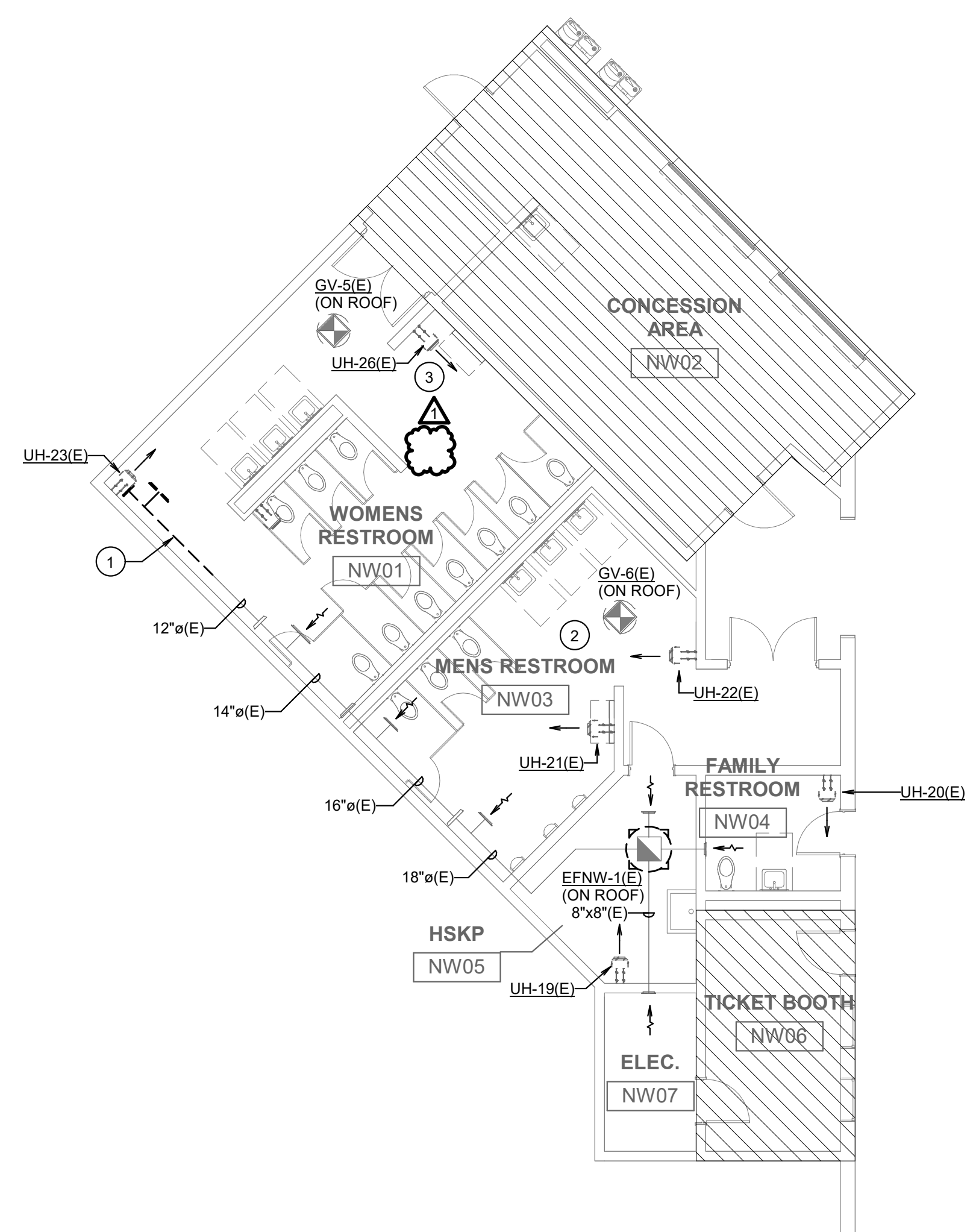


③

**FLOOR PLAN - LEVEL 1 - DEMOLITION CONCESSION SOUTHEAST - HVAC**  
SCALE: 1/8" = 1'-0"

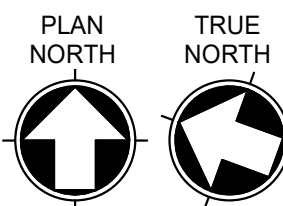
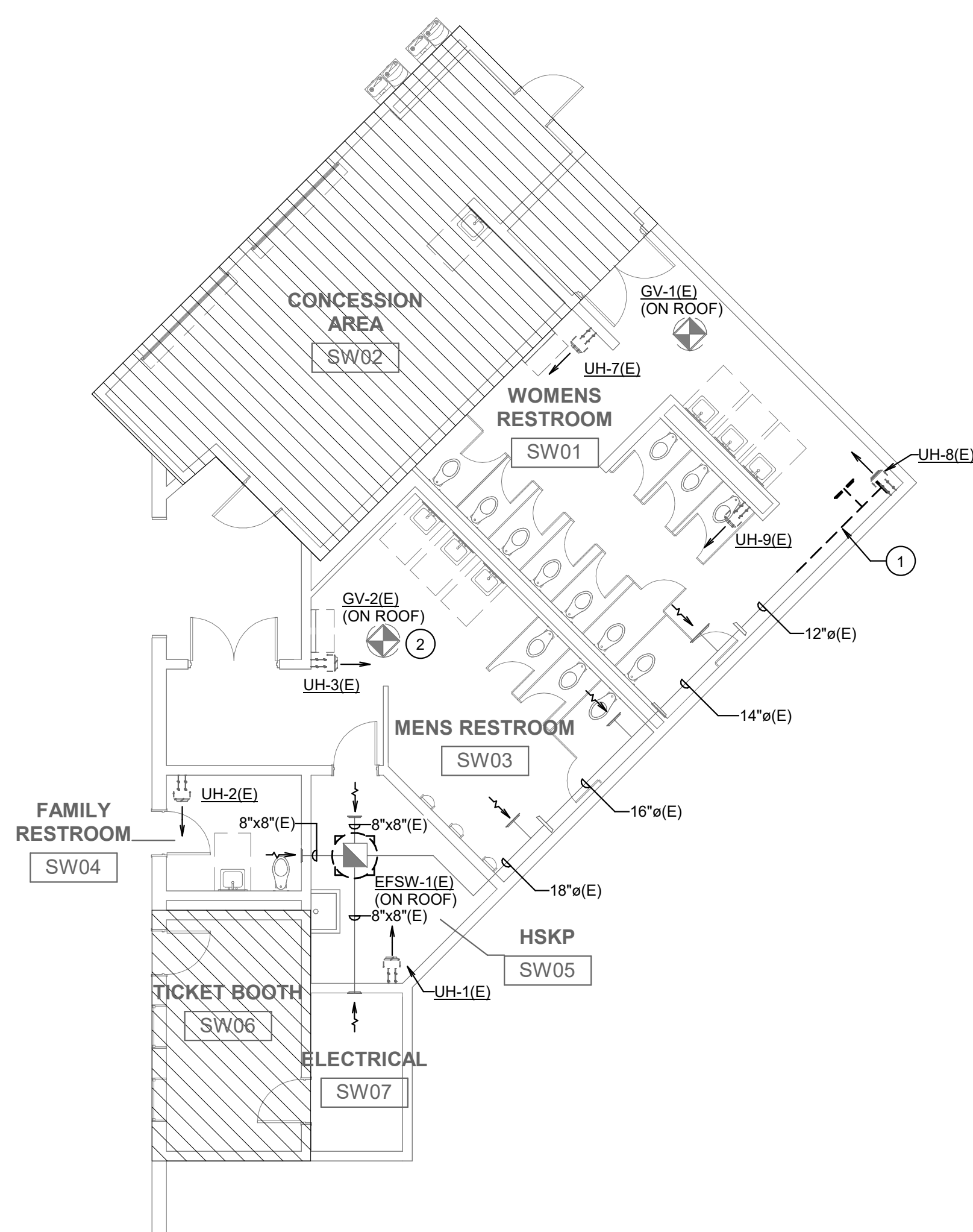
ALL WORK ON THIS SHEET  
SHALL BE PRICED AS  
ALTERNATE. REFER TO  
ARCH. DRAWINGS FOR  
ALTERNATE NUMBER.

NO MECHANICAL SCOPE  
IN HATCHED AREA.



2

**FLOOR PLAN - LEVEL 1 - DEMOLITION CONCESSION NORTHWEST - HVAC**  
SCALE: 1/8" = 1'-0"



④

**FLOOR PLAN - LEVEL 1 - DEMOLITION CONCESSION SOUTHWEST - HVAC**  
SCALE: 1/8" = 1'-0"





MIDLOTHIAN ISD

# STADIUM ADDITIONS AND RENOVATIONS

1800 S 14 ST. MIDLOTHIAN, TX 76065

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<u>OWP PROJECT NO.</u>	<u>DATE OF ISSUE</u>
2021-154-00	10.07.2021

REVISIONS		
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PROJECT TEAM	DRAWN BY
ED TEXAS	RWB

PROJECT PHASE

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CONSTRUCTION DOCUMENTS

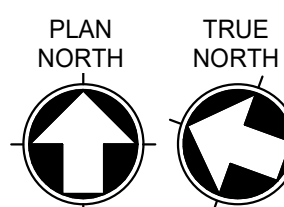
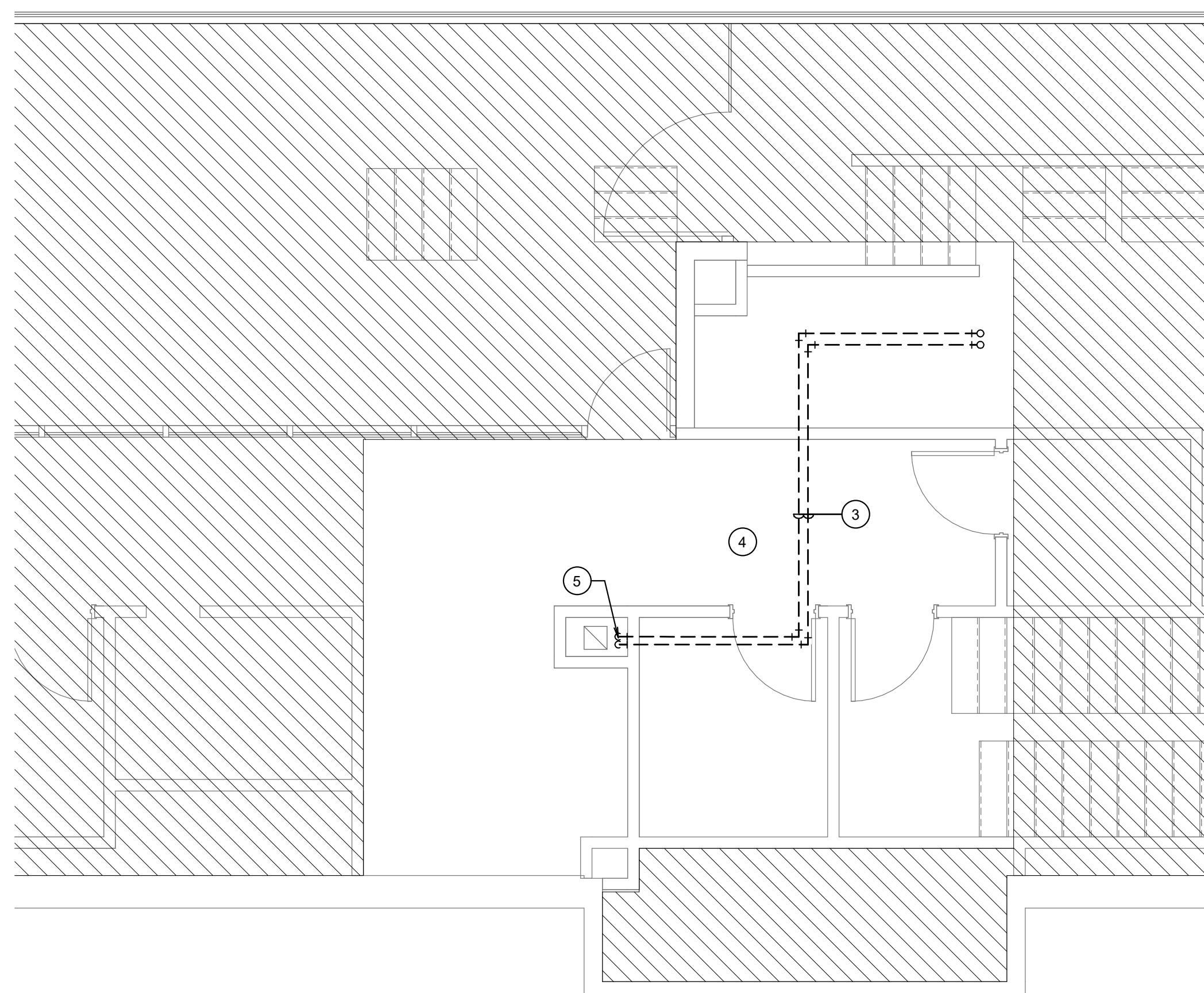
SHEET CONTENTS

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DEMOLITION FLOOR PLANS -  
PRESS BOX - HVAC

SHEET NO. \_\_\_\_\_

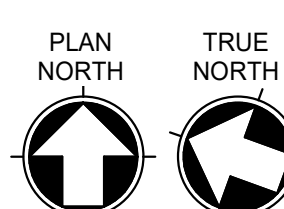
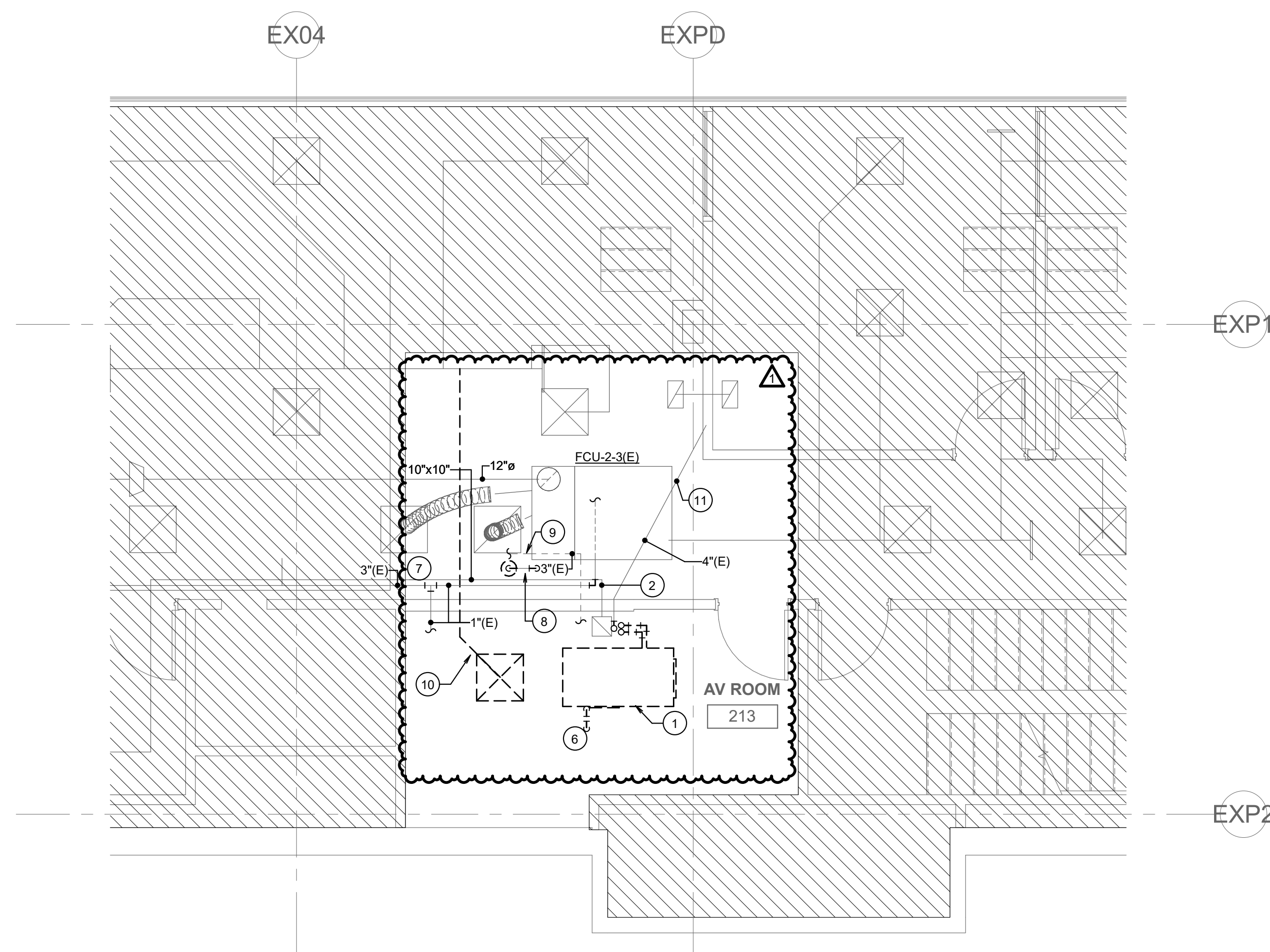
MD-123



**2** DEMOLITION FLOOR PLAN - LEVEL 3 - MECHANICAL  
SCALE: 1/4" = 1'-0"

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

NO MECHANICAL SCOPE IN  
HATCHED AREA.



## 1 DEMOLITION FLOOR PLAN - LEVEL 2 - MECHANICAL

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

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PLOT SCALE: As indicated



MIDLOTHIAN ISD  
STADIUM ADDITIONS AND  
RENOVATIONS  
1800 S 14 ST. MIDLOTHIAN, TX 76065

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-- F  
OWP PROJECT NO. DATE OF ISSUE  
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PROJECT TEAM  
ED TEXAS  
DRAWN BY  
RWB

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FLOOR PLAN - ATHLETIC  
OFFICE - HVAC

SHEET NO.

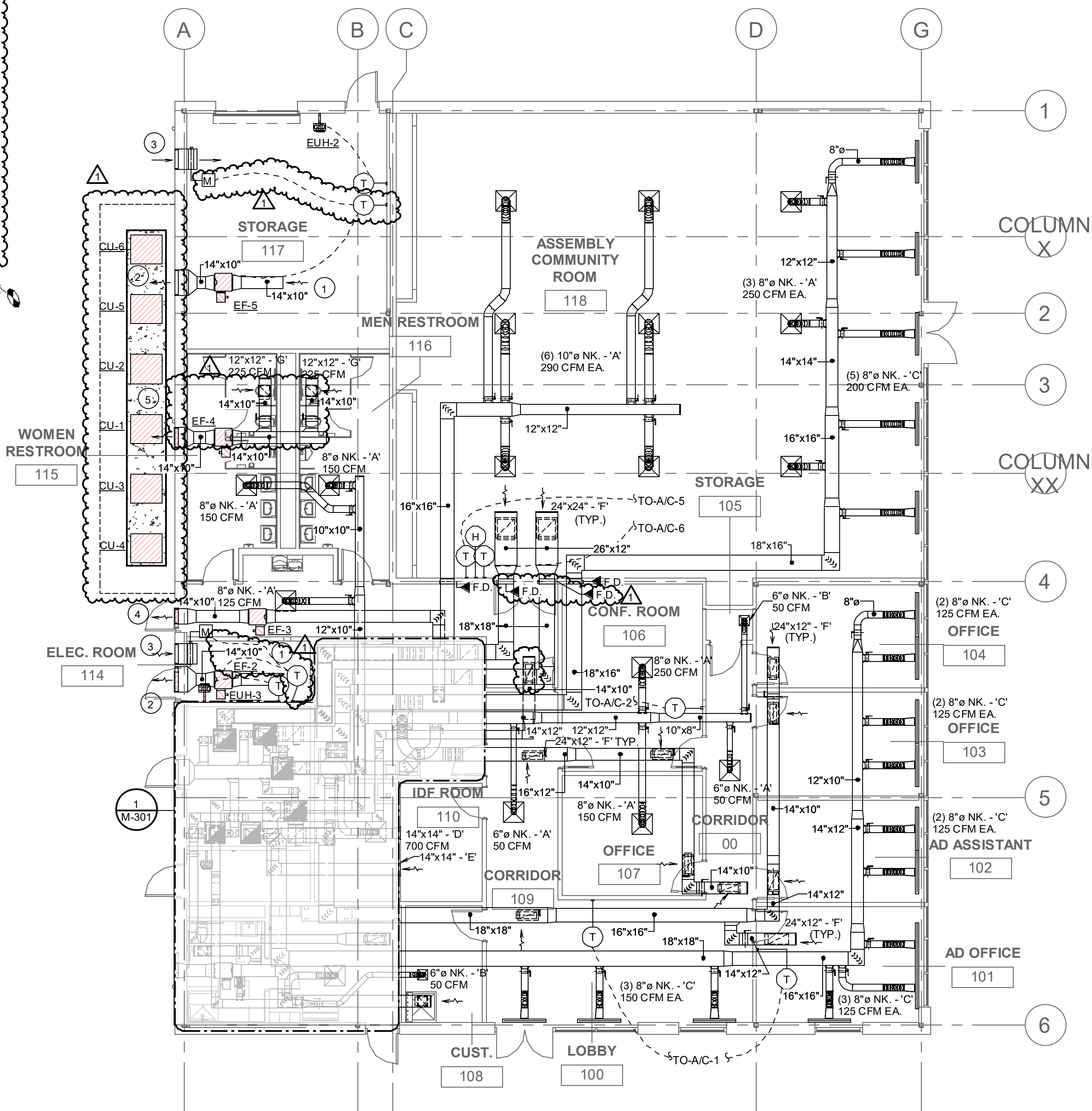
M-101

### NOTES BY SYMBOL

- PROVIDE 1/2" X 1/2" GALV. STEEL HARDWARE CLOTH OVER OPENING.
- EXHAUST AIR LOUVER WITH MIN. 1.0 SQ. FT. FREE AREA (1.0 SQ. FT. TOTAL AREA). APPROXIMATE LOUVER SIZE SHALL BE MIN. 24" X 24". INSTALL LOUVER 11"-10" A.F.F. COORDINATE EXACT LOCATION WITH ARCH. DRAWINGS.
- OUTSIDE AIR INTAKE LOUVER WITH MIN. 1.0 SQ. FT. FREE AREA (2.0 SQ. FT. TOTAL AREA). APPROXIMATE LOUVER SIZE SHALL BE MIN. 24" X 24". INSTALL LOUVER 11"-10" A.F.F. COORDINATE EXACT LOCATION WITH ARCH. DRAWINGS.
- EXHAUST AIR LOUVER WITH MIN. 0.9 SQ. FT. FREE AREA (1.8 SQ. FT. TOTAL AREA). APPROXIMATE LOUVER SIZE SHALL BE MIN. 24" X 24". INSTALL LOUVER 12"-4" A.F.F. COORDINATE EXACT LOCATION WITH ARCH. DRAWINGS. PROVIDE 5/8" METAL DUCT FULL SIZE OF LOUVER WITH MOTORIZED DAMPER. EXTEND MIN. 12" PASS WALL. PROVIDE 1/2"X1/2" GALV. STEEL HARDWARE CLOTH CAMPERS.
- EXHAUST AIR LOUVER WITH MIN. 0.9 SQ. FT. FREE AREA (1.8 SQ. FT. TOTAL AREA). APPROXIMATE LOUVER SIZE SHALL BE MIN. 24" X 24". INSTALL LOUVER 11"-10" A.F.F. COORDINATE EXACT LOCATION WITH ARCH. DRAWINGS.

### GENERAL MECHANICAL NOTES:

- RECTANGULAR AND ROUND SUPPLY/RETURN AIR DUCTWORK IS TO BE EXTERNALLY INSULATED WITH 2" THICK ACOUSTICAL AND THERMAL WRAP TO MEET ENERGY CODE (2018 IECC) REQUIREMENTS WHERE CONCEALED ABOVE CEILING. RECTANGULAR TRANSFER AIR DUCT SHALL BE LINED WITH 1" LINER ONLY. ALL DUCTWORK EXPOSED IN MECHANICAL ROOMS AND ALL DUCTWORK WITHIN 10'-0" OF UNIT TO BE INTERNALLY LINED. PROVIDE MIN. 1 1/2" THICK INTERNAL LINER ON SUPPLY AIR DUCTWORK, 2" THICK INTERNAL LINER ON OUTSIDE AIR DUCTWORK, AND 1" THICK INTERNAL LINER ON RETURN AIR DUCTWORK. DUCTWORK SIZES SHOWN ARE NET INTERNAL AIR STREAM DIMENSIONS. SHEET METAL SIZES ARE TO BE INCREASED IN SIZE TO MAINTAIN THESE INTERNAL CLEAR DIMENSIONS. ROUND DUCTWORK IS TO BE EXTERNALLY WRAPPED WHERE CONCEALED AND INTERNALLY LINED SPIRAL SEAMED WHERE EXPOSED. FLEXIBLE ROUND DUCT SHALL HAVE A MINIMUM R-VALUE OF 6.0.
- BRANCH RUN-OUTS TO CEILING/COVE MOUNTED AIR DEVICES SHALL BE SAME SIZE AS NECK, UNLESS NOTED OTHERWISE. PROVIDE A TWIST-IN FLARED TAP WITH MANUAL VOLUME DAMPER AT MAIN DUCT TAP AND EXTENDED HANDLE AS SHOWN (REFER TO SPECIFICATIONS FOR DETAILS). EXTEND FLEXIBLE DUCTWORK A MAXIMUM OF 5'-0" FROM DIFFUSERS. INSTALL STRAIGHT AS POSSIBLE WITH LONG RADIUS BENDS WITH CLAMPS TO BE USED AT BOTH ENDS.
- ALL DUCTWORK SHALL BE RUN CONCEALED ABOVE CEILINGS AS HIGH AS POSSIBLE & CONCEALED IN WALLS, CHASES, OR FURROUTS IN GENERAL. LOCATIONS SHOWN, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE WITH STRUCTURE, ARCHITECTURE, AND OTHER TRADES TO ENSURE CONFLICTS DO NOT OCCUR. ABOVE CEILING SPACE IS MINIMAL AND THE CEILINGS AND ROOF ARE VARIOUSLY SLOPED. CAUTION IS NECESSARY FOR PROPER INSTALLATION AND COORDINATION.
- LOCATE CEILING MOUNTED AIR DEVICES APPROXIMATELY WHERE SHOWN. FOR EXACT LOCATION AND FRAME MOUNTING TYPES, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS. ALL CEILING DIFFUSERS TO BE FOUR-WAY TYPE, UNLESS NOTED OTHERWISE BY AIR FLOW ARROWS ON FLOOR PLAN.
- ALL ROOF PENETRATIONS, ROOF PIPE SUPPORTS, FLASHING, ETC., SHALL BE MADE WEATHERTIGHT AND BE AS RECOMMENDED BY THE ROOF SYSTEM MANUFACTURER. VERIFY WITH OWNER WHAT A ACCEPTABLE ROOFING SYSTEMS INSTALLER CAN BE USED.
- EXTEND DUCTWORK AS SHOWN THROUGH ROOF INSIDE CURB TO EACH DUCT CONNECTION TO/FROM A ROOF MOUNTED UNIT. TRANSITION TO FULL SIZE OF EQUIPMENT OPENING FROM DUCT SIZES SHOWN. PROVIDE FLEXIBLE CONNECTIONS IN ALL DUCT CONNECTIONS AT EACH ROOF MOUNTED UNIT.
- SEAL ALL LONGITUDINAL AND TRANSVERSE DUCT JOINTS TO PREVENT DUCT AIR LEAKAGE TO INCLUDE DUCT AND ACCESSORY PENETRATIONS. DO NOT SEAL CONTROL/FIRE DAMPER CONTROL ROD PENETRATIONS. SEAL CLASS "A" REQUIRED.
- COORDINATE EXACT LOCATIONS OF ALL TEMPERATURE, HUMIDITY, CARBON DIOXIDE, AND CARBON MONOXIDE SENSORS WITH ARCHITECT PRIOR TO INSTALLATION.
- EXPOSED DUCTWORK SHALL BE INTERNALLY LINED AND RECEIVE A PAINT GRIP FINISH SO THAT PAINT MAY BE APPLIED IN ACCORDANCE WITH ARCHITECTURAL PLANS AND SPECIFICATIONS.
- PROVIDE REQUIRED SERVICE CLEARANCE TO ALL ABOVE CEILING EQUIPMENT. COORDINATE LOCATION OF EQUIPMENT WITH ALL TRADES. ABOVE CEILING EQUIPMENT TO BE LOCATED AS CLOSE TO CEILING AS POSSIBLE BUT NO CLOSER THAN 6" ABOVE CEILING.
- CONTRACTOR SHALL VERIFY WITH OWNER ON MECHANICAL EQUIPMENT TAGS AND SHALL MATCH WITH PERMANENT ROOM NUMBERS AS NEEDED PER OWNER'S DIRECTION. REFER TO ARCHITECTURAL DRAWINGS FOR ROOM NUMBERS.







MIDLOTHIAN ISD  
STADIUM ADDITIONS AND  
RENOVATIONS  
1800 S 14 ST. MIDLOTHIAN, TX 76065

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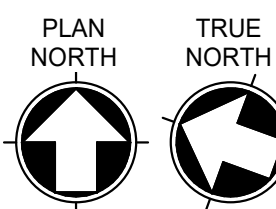
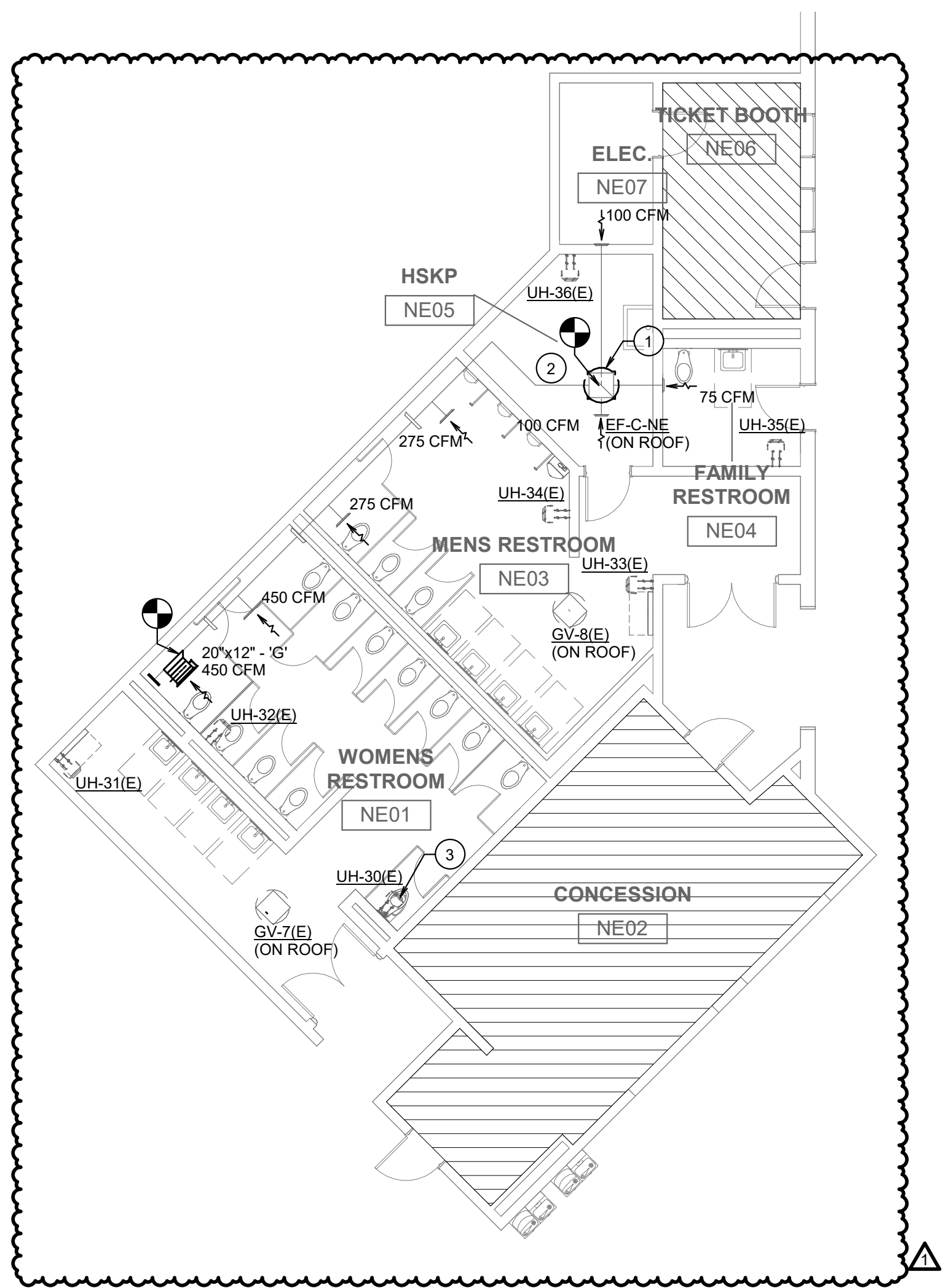
PROJECT TEAM  
ED TEXAS  
DRAWN BY  
Author

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

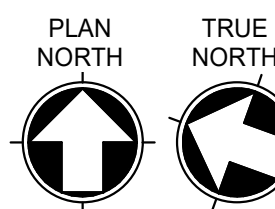
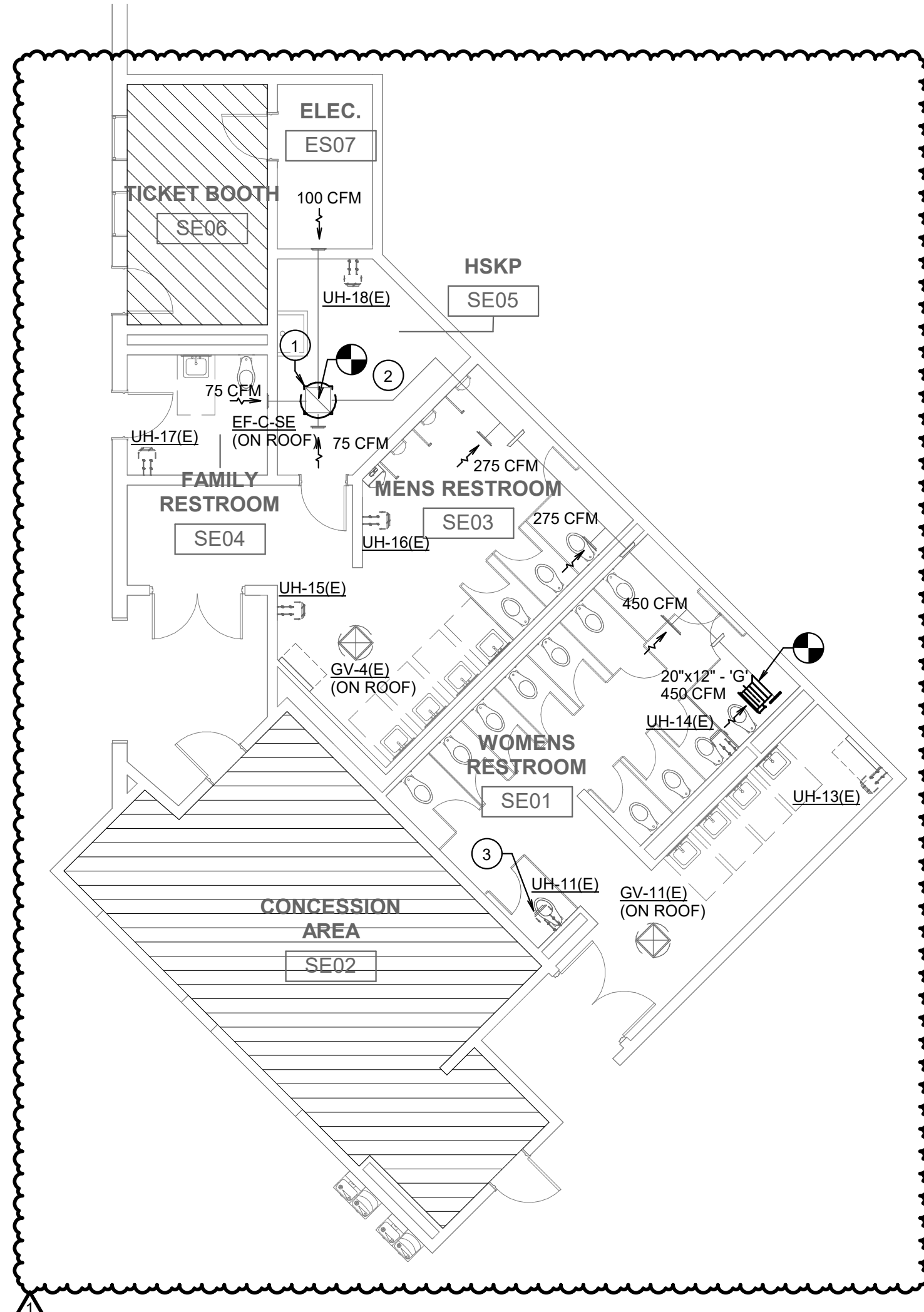
SHEET CONTENTS  
FLOOR PLAN - CONCESSIONS -  
HVAC (ALTERNATE)

SHEET NO.

M-102



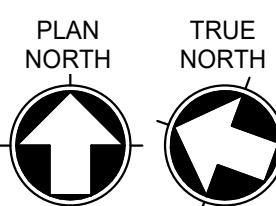
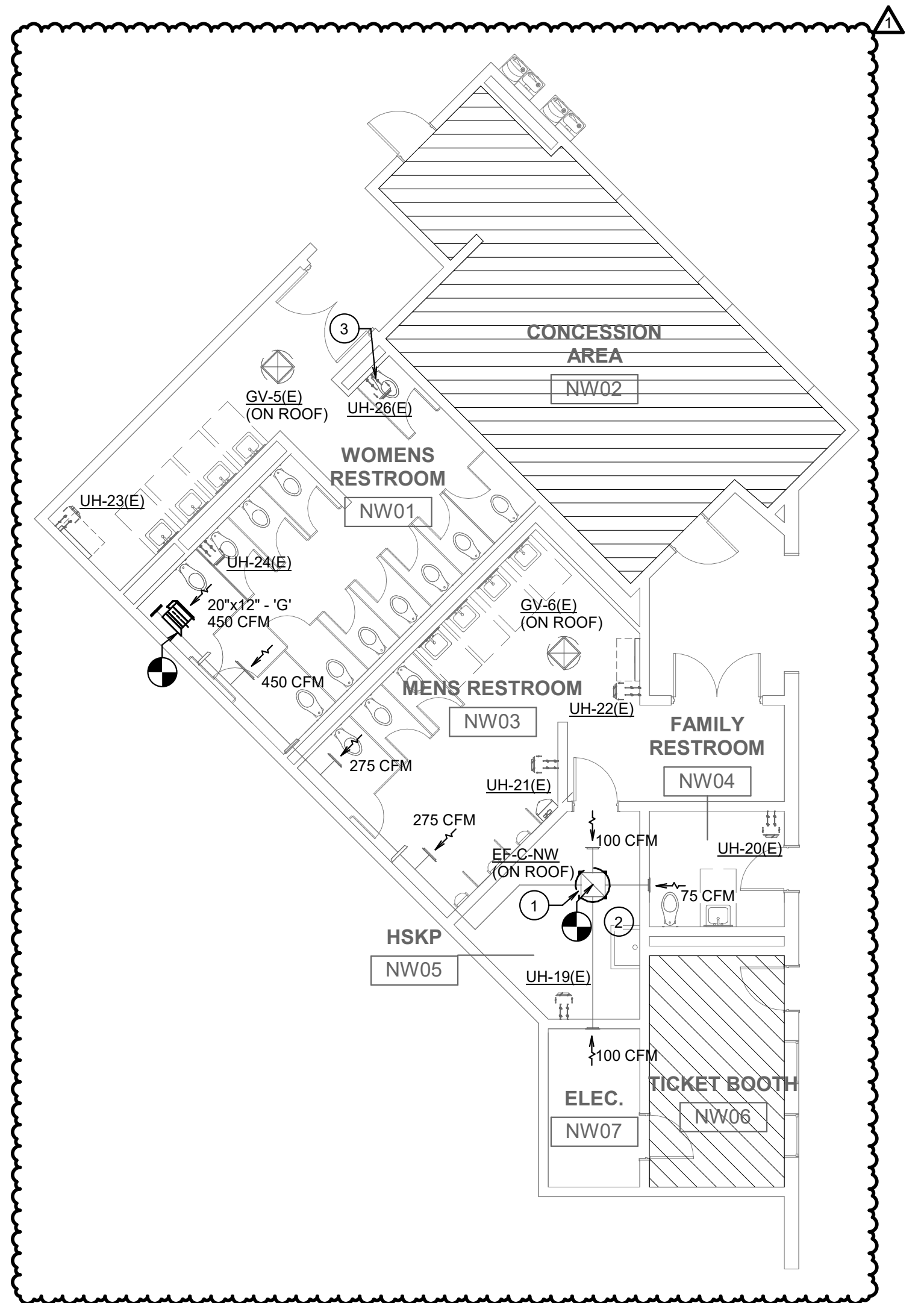
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SCALE: 1/8" = 1'-0"



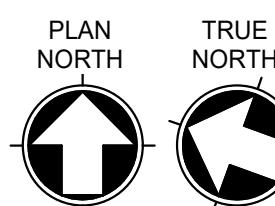
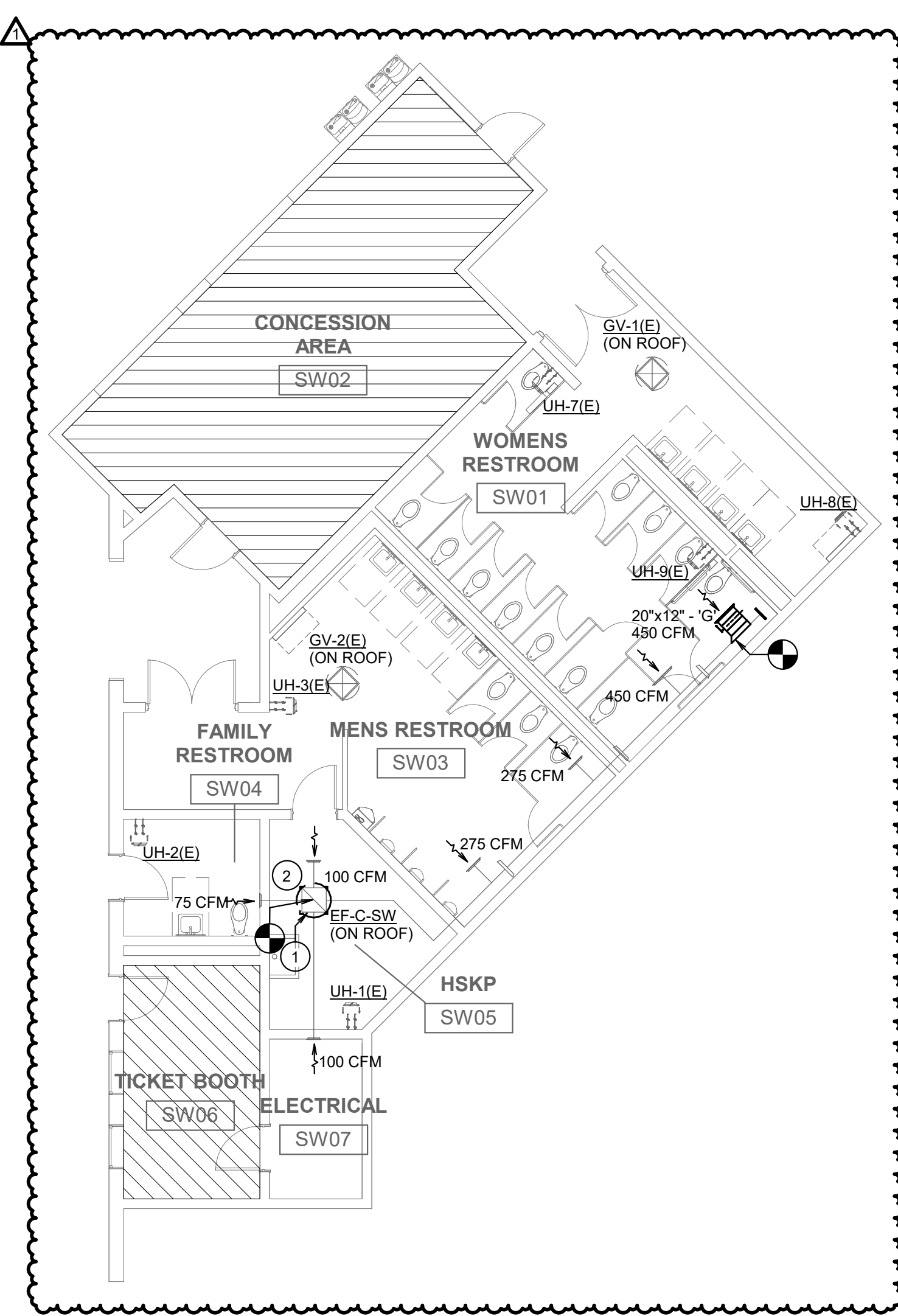
3 FLOOR PLAN - LEVEL 1 - CONCESSION SOUTHEAST - HVAC  
SCALE: 1/8" = 1'-0"

ALL WORK ON THIS SHEET  
SHALL BE PRICED AS  
ALTERNATE. REFER TO  
ARCH. DRAWINGS FOR  
ALTERNATE NUMBER.

NO MECHANICAL SCOPE IN  
HATCHED CONCESSION  
AREA & TICKET BOOTH AT  
EACH BUILDING.



2 FLOOR PLAN - LEVEL 1 - CONCESSION NORTHWEST - HVAC  
SCALE: 1/8" = 1'-0"



4 FLOOR PLAN - LEVEL 1 - CONCESSION SOUTHWEST - HVAC  
SCALE: 1/8" = 1'-0"

GENERAL MECHANICAL NOTES:

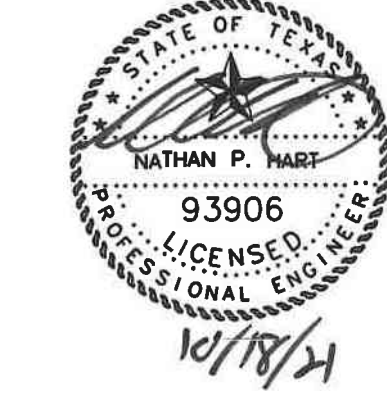
- RECTANGULAR AND ROUND SUPPLY/RETURN AIR DUCTWORK IS TO BE EXTERNALLY INSULATED WITH 2" THICK ACoustical AND THERMAL WRAP TO MEET ENERGY CODE (2019 IECC) REQUIREMENTS WHERE CONCEALED ABOVE CEILING. RECTANGULAR TRANSFER AIR DUCT SHALL BE LINED WITH 1" LINER ONLY. ALL DUCTWORK EXPOSED IN MECHANICAL ROOMS AND ALL DUCTWORK WITHIN 10'-0" OF UNIT TO BE INTERNALLY LINED. PROVIDE MIN. 1 1/2" THICK INTERNAL LINER ON SUPPLY AIR DUCTWORK, 2" THICK INTERNAL LINER ON OUTSIDE AIR DUCTWORK, AND 1" THICK INTERNAL LINER ON RETURN AIR DUCTWORK. DUCTWORK SIZES SHOWN ARE NET INTERNAL AIR STREAM DIMENSIONS. SHEET METAL SIZES ARE TO BE INCREASED IN SIZE TO MAINTAIN THESE INTERNAL CLEAR DIMENSIONS. ROUND DUCTWORK IS TO BE EXTERNALLY WRAPPED WHERE CONCEALED AND INTERNALLY LINED SPIRAL SEAMED WHERE EXPOSED. FLEXIBLE ROUND DUCT SHALL HAVE A MINIMUM R-VALUE OF 6.0.
- BRANCH RUN-OUTS TO CEILING/COVE MOUNTED AIR DEVICES SHALL BE SAME SIZE AS NECK, UNLESS NOTED OTHERWISE. PROVIDE A TWIST-IN FLARED TAP WITH MANUAL VOLUME DAMPER AT MAIN DUCT TAP AND EXTENDED HANDLE AS SHOWN (REFER TO SPECIFICATIONS FOR DETAILS). EXTEND FLEXIBLE DUCTWORK A MAXIMUM OF 5'-0" FROM DIFFUSERS. INSTALL STRAIGHT AS POSSIBLE WITH LONG RADIUS BENDS WITH CLAMPS TO BE USED AT BOTH ENDS.
- ALL DUCTWORK SHALL BE RUN CONCEALED ABOVE CEILINGS AS HIGH AS POSSIBLE & CONCEALED IN WALLS, CHASES, OR FURROUTS IN GENERAL LOCATIONS SHOWN, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE WITH STRUCTURE, ARCHITECTURE, AND OTHER TRADES TO ENSURE CONFLICTS DO NOT OCCUR. ABOVE CEILING SPACE IS MINIMAL AND THE CEILINGS AND ROOF ARE VARIOUSLY SLOPED. CAUTION IS NECESSARY FOR PROPER INSTALLATION AND COORDINATION.
- LOCATE CEILING MOUNTED AIR DEVICES APPROXIMATELY WHERE SHOWN. FOR EXACT LOCATION AND FRAME MOUNTING TYPES, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS. ALL CEILING DIFFUSERS TO BE FOUR-WAY TYPE, UNLESS NOTED OTHERWISE BY AIR FLOW ARROWS ON FLOOR PLAN.
- ALL ROOF PENETRATIONS, ROOF PIPE SUPPORTS, FLASHING, ETC., SHALL BE MADE WATER-TIGHT AND BE AS RECOMMENDED BY THE ROOF SYSTEM MANUFACTURER. VERIFY WITH OWNER WHAT ACCEPTABLE ROOFING SYSTEMS INSTALLER CAN BE USED.
- EXTEND DUCTWORK AS SHOWN THROUGH ROOF INSIDE CURB TO EACH DUCT CONNECTION TO/FROM A ROOF MOUNTED UNIT. TRANSITION TO FULL SIZE OF EQUIPMENT OPENING FROM DUCT SIZES SHOWN. PROVIDE FLEXIBLE CONNECTIONS IN ALL DUCT CONNECTIONS AT EACH ROOF MOUNTED UNIT.
- SEAL ALL LONGITUDINAL AND TRANSVERSE DUCT JOINTS TO PREVENT DUCT AIR LEAKAGE TO INCLUDE DUCT AND ACCESSORY PENETRATIONS. DO NOT SEAL CONTROL/FIRE DAMPER CONTROL ROD PENETRATIONS. SEAL CLASS "A" REQUIRED.
- COORDINATE EXACT LOCATIONS OF ALL TEMPERATURE, HUMIDITY, CARBON DIOXIDE, AND CARBON MONOXIDE SENSORS WITH ARCHITECT PRIOR TO INSTALLATION.
- EXPOSED DUCTWORK SHALL BE INTERNALLY LINED AND RECEIVE A PAINT GRIP FINISH SO THAT PAINT MAY BE APPLIED IN ACCORDANCE WITH ARCHITECTURAL PLANS AND SPECIFICATIONS.
- PROVIDE REQUIRED SERVICE CLEARANCE TO ALL ABOVE CEILING EQUIPMENT. COORDINATE LOCATION OF EQUIPMENT WITH ALL TRADES. ABOVE CEILING EQUIPMENT TO BE LOCATED AS CLOSE TO CEILING AS POSSIBLE BUT NO CLOSER THAN 6" ABOVE CEILING.
- CONTRACTOR SHALL VERIFY WITH OWNER ON MECHANICAL EQUIPMENT TAGS AND SHALL MATCH WITH PERMANENT ROOM NUMBERS AS NEEDED PER OWNER'S DIRECTION. REFER TO ARCHITECTURAL DRAWINGS FOR ROOM NUMBERS.

NOTES BY SYMBOL:

- EXISTING EXHAUST DUCTWORK TRANSITION IN VERTICAL TO NEW EXHAUST FAN CONNECTION SIZE ON ROOF.
- RE-BALANCE EXISTING EXHAUST GRILLES ASSOCIATED WITH EXHAUST FAN TO NEW AIR FLOWS SHOWN.
- RE-LOCATED EXISTING ELECTRIC UNIT HEATER. INSTALL APPROX. 8'-0" A.F.F.

FAN SCHEDULE - CONCESSION (ALT)		
GENERAL DATA	DESIGNATION	EF-C-SE, EF-C-NE, EF-C-NW, EF-C-SW
AIR SYSTEM	EXHAUST	
SERVICE	SOUTHEAST, NORTHEAST, NORTHWEST, SOUTHWEST	
MOUNTING	ROOF	
TYPE	DOWNBLAST	
MIN. WHEEL DIAMETER, IN.	13.5	
DRIVE TYPE	BELT	
MANUFACTURER	COOK	
MODEL	AP-2-135	
WEIGHT, LBS	10.0	
AIR FLOW, CFM	450	
PERFORMANCE DATA	MIN. EXT. S.P., IN. W.G.	0.75
MAX FAN RPM	1,575	
ELECTRICAL DATA	MIN. MOTOR SIZE, HP	1/2
VOLTAGE	208	
PHASE	3	
FREQUENCY, HZ	60	
CONTROLS	RE-CONNECT TO EXISTING CONTROLS	
COMMENTS	1. WALL SWITCHES: REFER TO MOTOR STARTER SWITCHES TO BE FURNISHED UNDER DIVISION 23 AND INSTALLED UNDER DIVISION 26 (RECESSED IN WALL). 2. EMS: FAN TO BE CONTROLLED BY ENERGY MANAGEMENT SYSTEM. 3. MOTOR STARTER CAN SUBSTITUTE AS FAN DISCONNECT WHERE NOT WALL MOUNTED AND LOCATED AT FAN MOOR. A DISCONNECT CANNOT SUBSTITUTE FOR A MOTOR STARTER.	



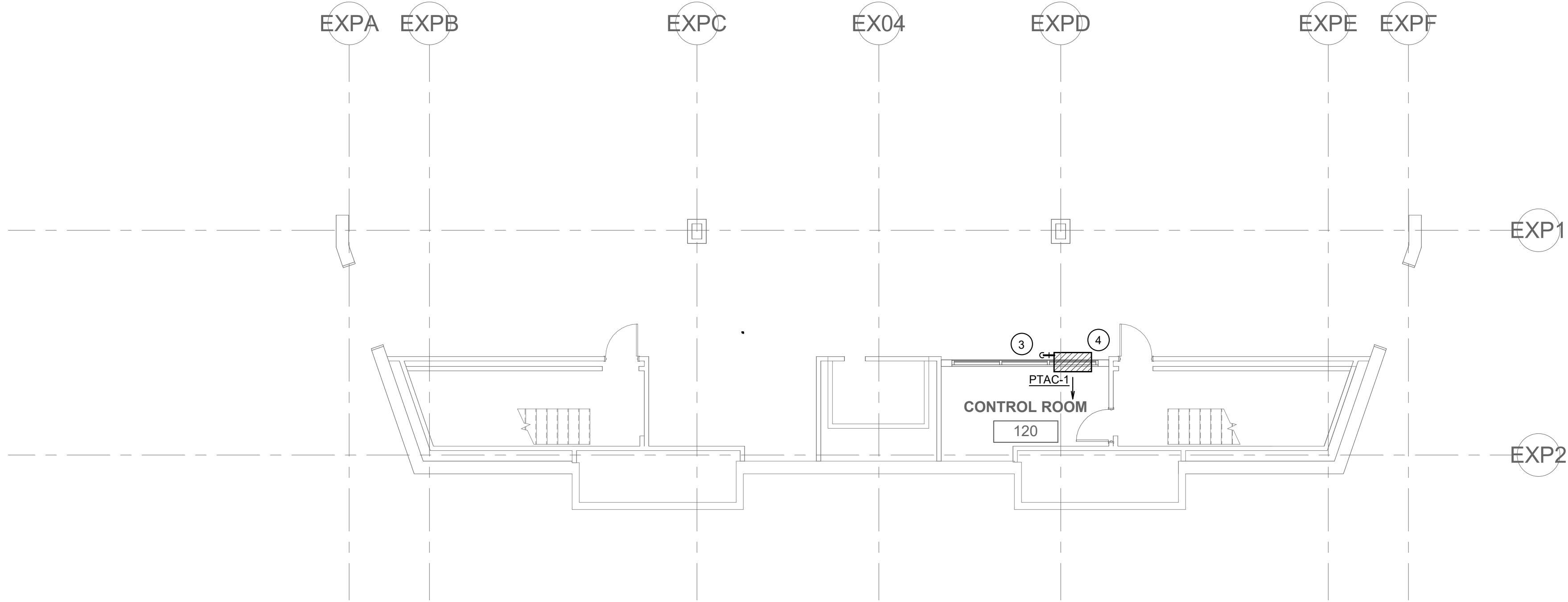


MIDLOTHIAN ISD  
STADIUM ADDITIONS AND  
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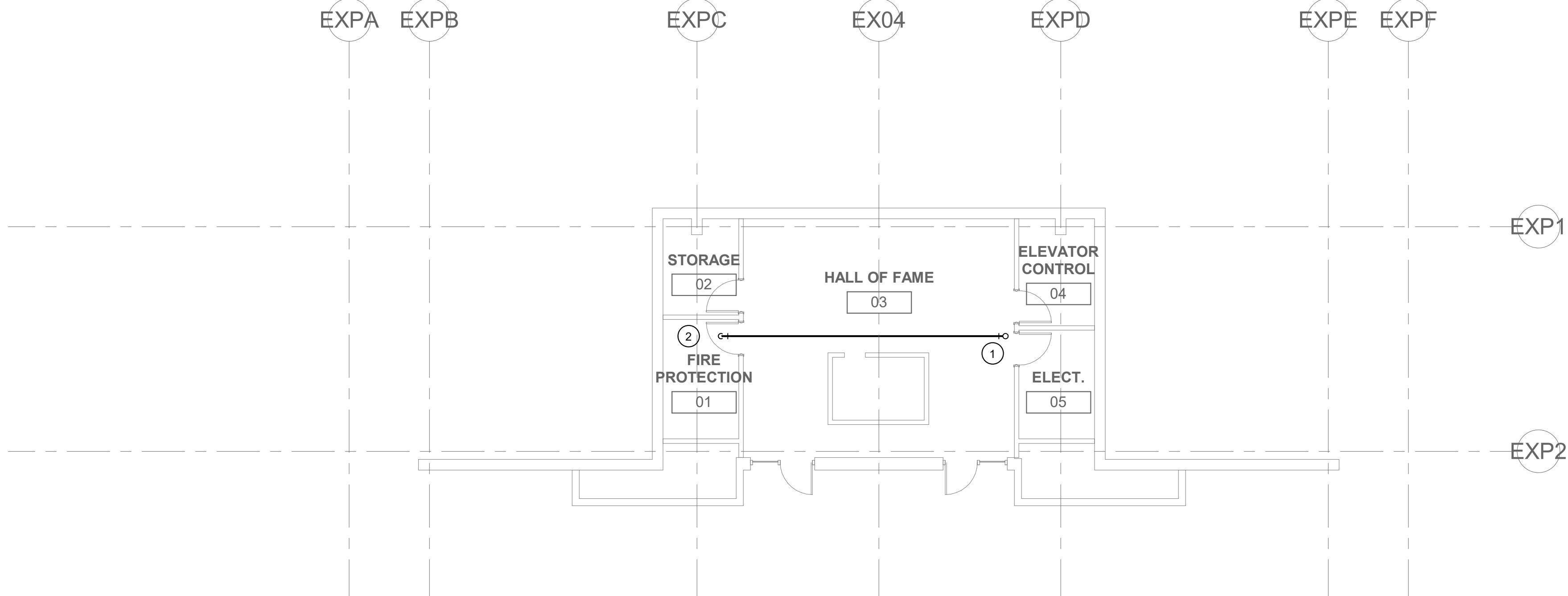
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OWP PROJECT NO. DATE OF ISSUE  
2021-154-00 10.07.2021

REVISIONS		
DELTA	DESCRIPTION	DATE
1	ADDENDUM 02	10/18/2021

PROJECT TEAM DRAWN BY  
ED TEXAS RWB  
PROJECT PHASE  
CONSTRUCTION DOCUMENTS  
SHEET CONTENTS  
FLOOR PLAN - PRESS BOX - HVAC  
SHEET NO.  
M-113



PLAN NORTH TRUE NORTH  
1 FLOOR PLAN - PRESS BOX - PORCH LEVEL - HVAC  
SCALE: 1/8" = 1'-0"



PLAN NORTH TRUE NORTH  
2 FLOOR PLAN - LEVEL 1 - PRESS BOX - HVAC  
SCALE: 1/8" = 1'-0"

GENERAL MECHANICAL NOTES:

- RECTANGULAR AND ROUND SUPPLY/RETURN AIR DUCTWORK IS TO BE EXTERNALLY INSULATED WITH 2" THICK ACOUSTICAL AND THERMAL WRAP TO MEET ENERGY CODE (2018 IECC) REQUIREMENTS WHERE CONCEALED ABOVE CEILING. RECTANGULAR TRANSFER AIR DUCT SHALL BE LINED WITH 1" LINER ONLY. ALL DUCTWORK EXPOSED IN MECHANICAL ROOMS AND ALL DUCTWORK WITHIN 10'-0" OF UNIT TO BE INTERNALLY LINED. PROVIDE MIN. 1 1/2" THICK INTERNAL LINER ON SUPPLY AIR DUCTWORK, 2" THICK INTERNAL LINER ON OUTSIDE AIR DUCTWORK, AND 1" THICK INTERNAL LINER ON RETURN AIR DUCTWORK. DUCTWORK SIZES SHOWN ARE NET INTERNAL AIR STREAM DIMENSIONS. SHEET METAL SIZES ARE TO BE INCREASED IN SIZE TO MAINTAIN THESE INTERNAL CLEAR DIMENSIONS. ROUND DUCTWORK IS TO BE EXTERNALLY WRAPPED WHERE CONCEALED AND INTERNALLY LINED SPIRAL SEAMED WHERE EXPOSED. FLEXIBLE ROUND DUCT SHALL HAVE A MINIMUM R-VALUE OF 6.0.
- BRANCH RUN-OUTS TO CEILING/COVE MOUNTED AIR DEVICES SHALL BE SAME SIZE AS NECK, UNLESS NOTED OTHERWISE. PROVIDE A TWIST-IN FLARED TAP WITH MANUAL VOLUME DAMPER AT MAIN DUCT TAP AND EXTENDED HANDLE AS SHOWN (REFER TO SPECIFICATIONS FOR DETAILS). EXTEND FLEXIBLE DUCTWORK A MAXIMUM OF 8'-0" FROM DIFFUSERS. INSTALL STRAIGHT AS POSSIBLE WITH LONG RADIUS BENDS WITH CLAMPS TO BE USED AT BOTH ENDS.
- ALL DUCTWORK SHALL BE RUN CONCEALED ABOVE CEILINGS AS HIGH AS POSSIBLE & CONCEALED IN WALLS, CHASES, OR FURROUTS IN GENERAL. LOCATIONS SHOWN, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE WITH STRUCTURE, ARCHITECTURE, AND OTHER TRADES TO ENSURE CONFLICTS DO NOT OCCUR ABOVE CEILING SPACE IS MINIMAL AND THE CEILINGS AND ROOF ARE VARIOUSLY SLOPED. CAUTION IS NECESSARY FOR PROPER INSTALLATION AND COORDINATION.
- LOCATE CEILING MOUNTED AIR DEVICES APPROXIMATELY WHERE SHOWN, FOR EXACT LOCATION AND FRAME MOUNTING TYPES, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS. ALL CEILING DIFFUSERS TO BE FOUR-WAY TYPE, UNLESS NOTED OTHERWISE BY AIR FLOW ARROWS ON FLOOR PLAN.
- ALL ROOF PENETRATIONS, ROOF PIPE SUPPORTS, FLASHING, ETC., SHALL BE MADE WATERTIGHT AND BE AS RECOMMENDED BY THE ROOF SYSTEM MANUFACTURER. VERIFY WITH OWNER WHAT ACCEPTABLE ROOFING SYSTEMS INSTALLER CAN BE USED.
- EXTEND DUCTWORK AS SHOWN THROUGH ROOF INSIDE CURB TO EACH DUCT CONNECTION TO/FROM A ROOF MOUNTED UNIT. TRANSITION TO FULL SIZE OF EQUIPMENT OPENING FROM DUCT SIZES SHOWN. PROVIDE FLEXIBLE CONNECTIONS IN ALL DUCT CONNECTIONS AT EACH ROOF MOUNTED UNIT.
- SEAL ALL LONGITUDINAL AND TRANSVERSE DUCT JOINTS TO PREVENT DUCT AIR LEAKAGE TO INCLUDE DUCT AND ACCESSORY PENETRATIONS. DO NOT SEAL CONTROL/FIRE DAMPER CONTROL ROD PENETRATIONS. SEAL CLASS "A" REQUIRED.
- COORDINATE EXACT LOCATIONS OF ALL TEMPERATURE, HUMIDITY, CARBON DIOXIDE, AND CARBON MONOXIDE SENSORS WITH ARCHITECT PRIOR TO INSTALLATION.
- EXPOSED DUCTWORK SHALL BE INTERNALLY LINED AND RECEIVE A PAINT GRIP FINISH SO THAT PAINT MAY BE APPLIED IN ACCORDANCE WITH ARCHITECTURAL PLANS AND SPECIFICATIONS.
- PROVIDE REQUIRED SERVICE CLEARANCE TO ALL ABOVE CEILING EQUIPMENT. COORDINATE LOCATION OF EQUIPMENT WITH ALL TRADES. ABOVE CEILING EQUIPMENT TO BE LOCATED AS CLOSE TO CEILING AS POSSIBLE BUT NO CLOSER THAN 6" ABOVE CEILING.
- CONTRACTOR SHALL VERIFY WITH OWNER ON MECHANICAL EQUIPMENT TAGS AND SHALL MATCH WITH PERMANENT ROOM NUMBERS AS NEEDED PER OWNERS DIRECTION. REFER TO ARCHITECTURAL DRAWINGS FOR ROOM NUMBERS.

NOTES BY SYMBOL:

- CONDENSATE DRAIN DOWN FROM PORCH LEVEL FROM PTAC UNIT
- 3/4" CD DOWN TO SINK. SECURE IN VERTICAL TO WALL IN 3 LOCATIONS.
- CONDENSATE DRAIN PIPING DOWN TO LOWER LEVEL.
- PROVIDE UNIT WITH CONDENSATE DRAIN KIT.





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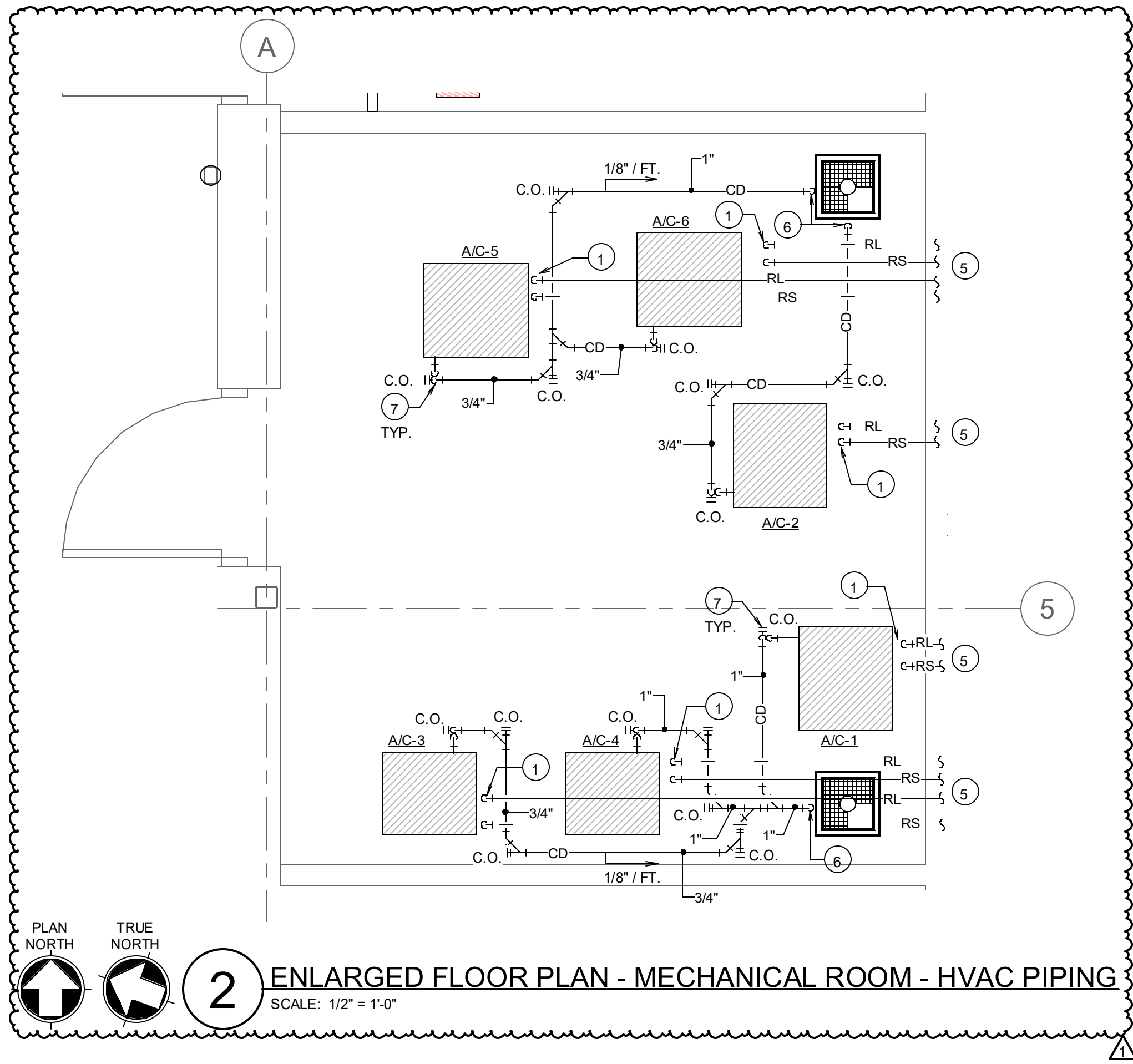
DRAWN BY  
RWB

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FLOOR PLAN - ATHLECTIC OFFICE - HVAC PIPING

SHEET NO.

M-201

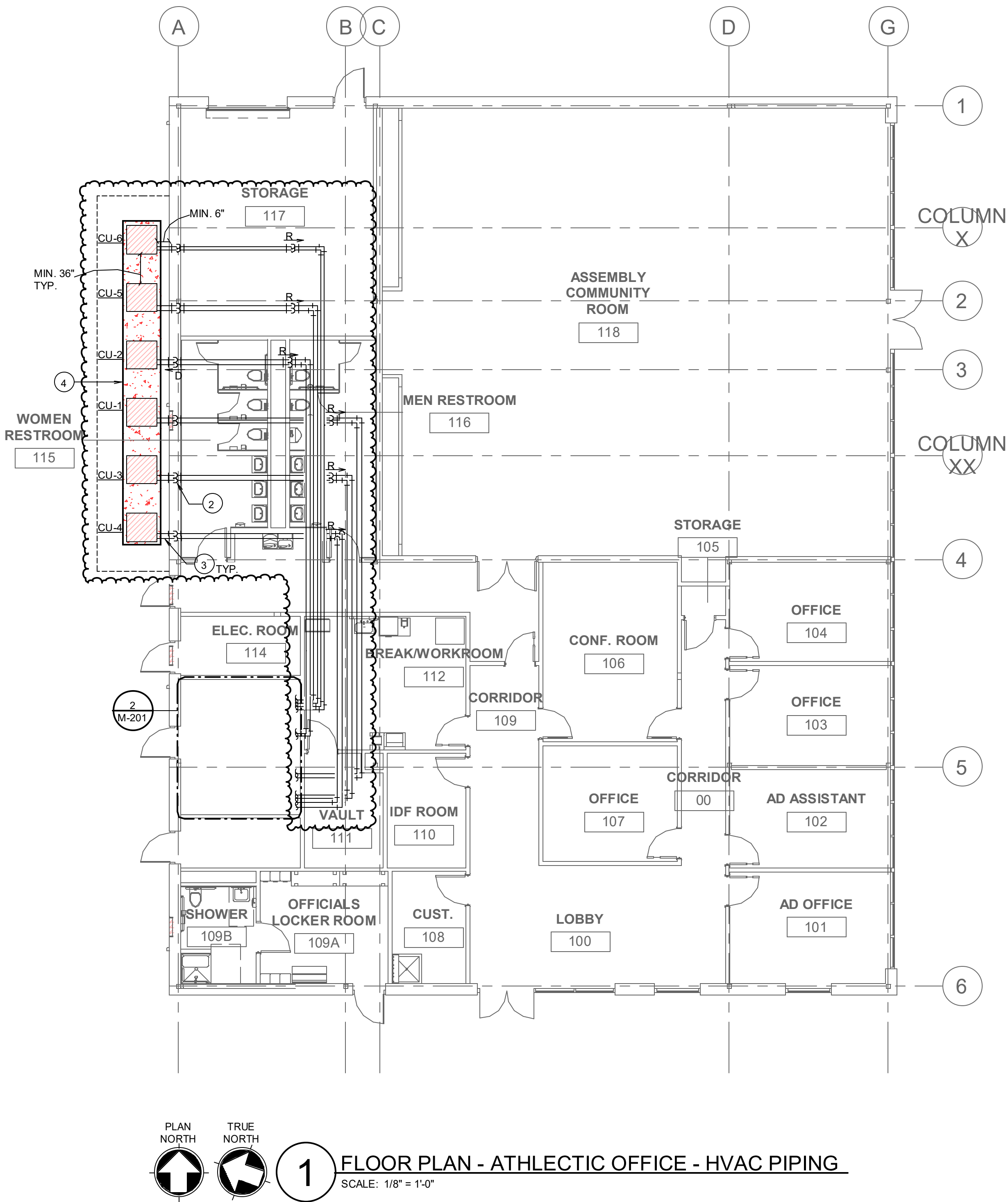


**GENERAL HVAC PIPING NOTES:**

1. ALL RUN-OUT PIPING SHALL BE ROUTED AS GENERALLY INDICATED AND BE THE FULL SIZE SHOWN UP TO THE POINT OF CONNECTION TO THE UNIT. REDUCE AS REQUIRED UNLESS NOTED OTHERWISE.
2. SLOPE CONDENSATE DRAIN PIPING AND AUXILIARY DRAIN PIPING 1/8" PER FOOT TOWARD DRAIN. PROVIDE CLEANOUT AT MINIMUM OF EVERY 40'-0" ON CENTER AND AT ALL CHANGES IN DIRECTION.
3. ALL REFRIGERANT PIPING TO BE ROUTED APPROX. AS SHOWN AND SIZED ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
4. ALL CONDENSATE DRAINS ARE MINIMUM 3/4" UNLESS NOTED OTHERWISE.
5. COORDINATE ALL PIPING CONNECTIONS TO UNIT SUCH THAT NO PIPING CONNECTION SHALL CONFLICT WITH ANY UNIT ACCESS OR SERVICE CLEARANCE.
6. PIPING ABOVE CEILING SHALL BE ROUTED TIGHT TO STRUCTURE WITH ADEQUATE SPACE FOR INSULATION. COORDINATE WITH STRUCTURE, ARCHITECTURE, AND OTHER TRADES TO AVOID CONFLICTS.
7. ALL VALVES AND PIPING APPURTENANCES REQUIRING ACCESS SHALL BE INSTALLED SO THAT THEY ARE ACCESSIBLE.

**NOTES BY SYMBOL '○':**

- 1 RS & RL REFRIGERANT PIPING DOWN TO AC UNIT.
- 2 RS & RL REFRIGERANT PIPING DOWN IN WALL ON BLDG SIDE OF INSULATION AND OUT TO CONDENSING UNIT. SEAL WALL PENETRATION WATER TIGHT. PROVIDE WALL SLEEVE THROUGH EXTERIOR WALL.
- 3 PROVIDE CLOSED CELL FOAM INSULATION WITH ALUMINUM JACKETING FOR ALL EXPOSED REFRIGERANT PIPING AS NOTED IN SPECIFICATIONS. PIPING SHALL BE MIN 18" ABOVE CONCRETE PAD.
- 4 6" THICK HOUSE KEEPING CONCRETE PAD WITH 1" CHAMFERED EDGES. EXTEND CONCRETE PAD 6" PAST THE LAST CONDENSING UNIT ON EITHER SIDE.
- 5 REFER TO 1/M-201 FOR CONTINUATION.
- 6 CONDENSATE DRAIN LINE ROUTED AT 1/8" PER FOOT ALONG FLOOR AND TERMINATE OPEN SIGHT AT FLOOR SINK.
- 7 P-TRAP CONDENSATE CONNECTION TO UNIT. PROVIDE AUX. OVERFLOW ALARM FLOAT SWITCH IN P-TRAP CONNECTION TO UNIT.







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PROJECT TEAM  
ED TEXAS  
DRAWN BY  
RWB

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
ENLARGED PLAN - MECH ROOM  
- HVAC

SHEET NO.

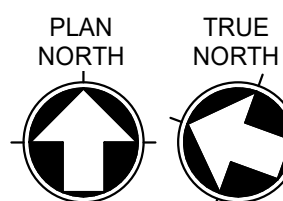
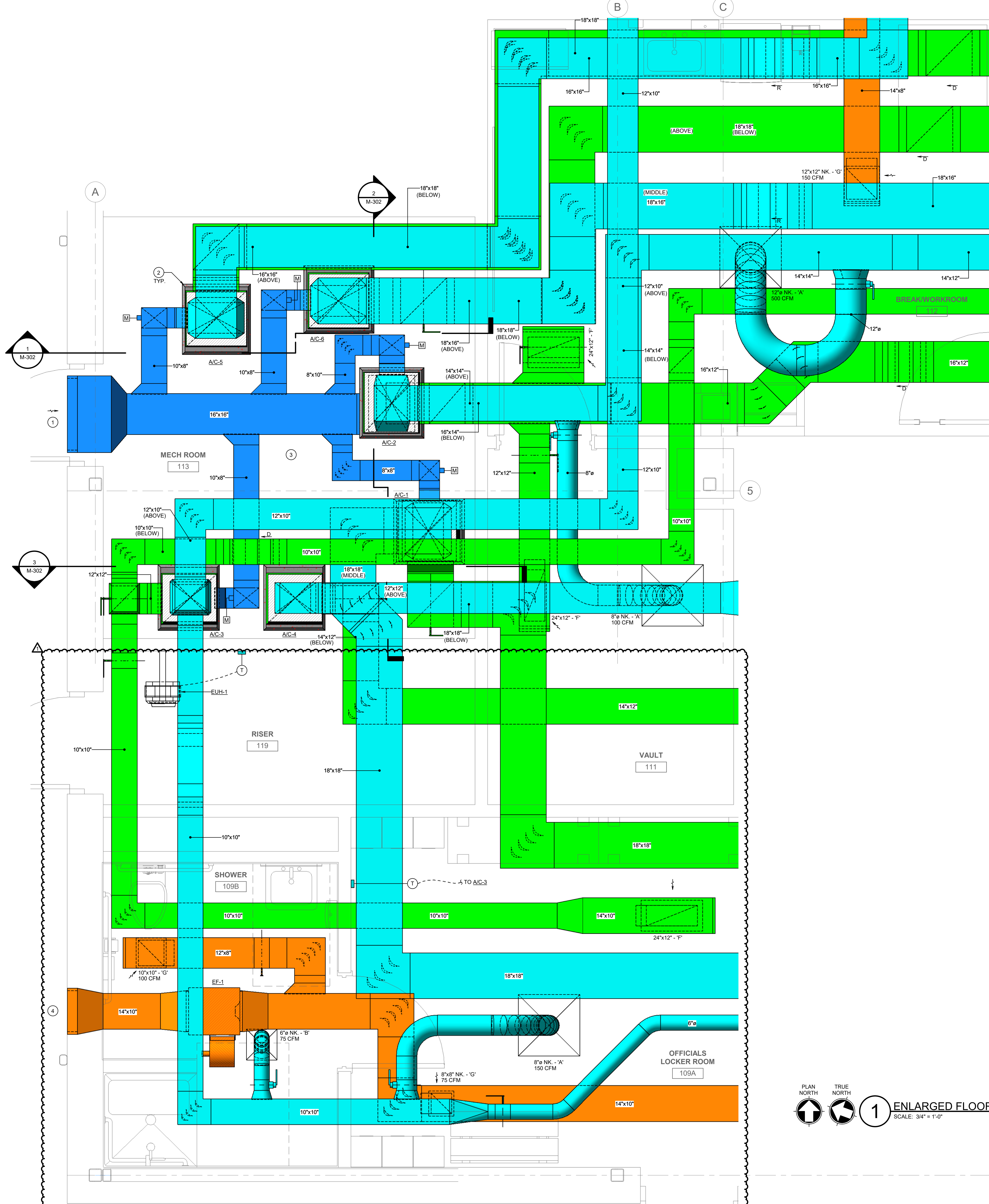
M-301

**GENERAL MECHANICAL NOTES:**

1. RECTANGULAR AND ROUND SUPPLY/RETURN AIR DUCTWORK IS TO BE EXTERNALLY INSULATED WITH 2" THICK ACOUSTICAL AND THERMAL WRAP TO MEET ENERGY CODE (ASHRAE 90.1 - 2007) REQUIREMENTS. RECTANGULAR TRANSFER AIR DUCT SHALL BE LINED WITH 1" LINER ONLY. DUCTWORK SIZES SHOWN ARE NET INTERNAL AIR STREAM DIMENSIONS. SHEET METAL SIZES ARE TO BE INCREASED IN SIZE TO MAINTAIN THESE INTERNAL CLEAR DIMENSIONS. ROUND DUCTWORK IS TO BE EXTERNALLY WRAPPED. FLEXIBLE ROUND DUCT SHALL HAVE A MINIMUM R-VALUE OF 5.0.
2. BRANCH RUN-OUTS TO CEILING/COVE MOUNTED AIR DEVICES SHALL BE SAME SIZE AS NECK, UNLESS NOTED OTHERWISE. PROVIDE A TWIST-IN FLARED TAP WITH MANUAL VOLUME DAMPER AT MAIN DUCT TAP AND EXTENDED HANDLE AS SHOWN (REFER TO SPECIFICATIONS FOR DETAILS). EXTEND FLEXIBLE DUCTWORK A MAXIMUM OF 5'-0" FROM DIFFUSERS. INSTALL STRAIGHT AS POSSIBLE WITH LONG RADIUS BENDS WITH CLAMPS TO BE USED AT BOTH ENDS.
3. ALL DUCTWORK SHALL BE RUN CONCEALED ABOVE CEILINGS AS HIGH AS POSSIBLE & CONCEALED IN WALLS, CHASES, OR FURROUTS IN GENERAL. LOCATIONS SHOWN, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE WITH STRUCTURE, ARCHITECTURE, AND OTHER TRADES TO ENSURE CONFLICTS DO NOT OCCUR. ABOVE CEILING SPACE IS MINIMAL AND THE CEILINGS AND ROOF ARE VARIOUSLY SLOPED. CAUTION IS NECESSARY FOR PROPER INSTALLATION AND COORDINATION.
4. LOCATE CEILING MOUNTED AIR DEVICES APPROXIMATELY WHERE SHOWN. FOR EXACT LOCATION AND FRAME MOUNTING TYPES, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS. ALL CEILING DIFFUSERS TO BE FOUR-WAY TYPE, UNLESS NOTED OTHERWISE BY AIR FLOW ARROWS ON FLOOR PLAN.
5. ALL ROOF PENETRATIONS, ROOF PIPE SUPPORTS, FLASHING, ETC., SHALL BE MADE WATER TIGHT AND BE AS RECOMMENDED BY THE ROOF SYSTEM MANUFACTURER. VERIFY WITH OWNER WHAT ACCEPTABLE ROOFING SYSTEMS INSTALLER CAN BE USED.
6. EXTEND DUCTWORK AS SHOWN THROUGH ROOF INSIDE CURB TO EACH DUCT CONNECTION TO/FROM A ROOF MOUNTED UNIT. TRANSITION TO FULL SIZE OF EQUIPMENT OPENING FROM DUCT SIZES SHOWN. PROVIDE FLEXIBLE CONNECTIONS IN ALL DUCT CONNECTIONS AT EACH ROOF MOUNTED UNIT.
7. SEAL ALL LONGITUDINAL AND TRANSVERSE DUCT JOINTS TO PREVENT DUCT AIR LEAKAGE TO INCLUDE DUCT AND ACCESSORY PENETRATIONS. DO NOT SEAL CONTROL/FIRE DAMPER CONTROL ROD PENETRATIONS. SEAL CLASS "A" REQUIRED.
8. MAIN CONDENSATE DRAIN LINES SHALL BE SIZED AND ROUTED AS SHOWN WITH A SLOPE OF 1/8"1'-0". ROUTE CONDENSATE DRAIN PIPING THROUGH JOIST WEBBING, AS HIGH AS POSSIBLE WHILE MAINTAINING SLOPE. PROVIDE CONNECTIONS TO EACH ROOF TOP UNIT FULL SIZE OF UNIT CONNECTION (MINIMUM 3/4" OR 1" AS NOTED ON ROOF PLANS).
9. PROVIDE CLEANOUTS IN ALL CONDENSATE DRAIN PIPING AT A MINIMUM OF EVERY 40'-0" ON CENTER AND AT ALL CHANGES OF DIRECTION.
10. EXPOSED DUCTWORK SHALL BE INTERNALLY LINED AND RECEIVE A PAINT GRIP FINISH SO THAT PAINT MAY BE APPLIED IN ACCORDANCE WITH ARCHITECTURAL PLANS AND SPECIFICATIONS.
11. FIRE PLACE VENTILATION DUCT SHALL NOT BE FASTENED OR INSTALLED USING SHEET METAL SCREWS THAT WILL OBSTRUCT AIR FLOW OR COLLECT UNIT. CONSULT MANUFACTURER FOR PROPER INSTALLATION REQUIREMENTS.
12. REFER TO HVAC CONTROLS PLAN FOR HVAC CONTROLS DESIGN NOTES.

**NOTES BY SYMBOL 'O':**

- 1 OUTSIDE AIR LOUVER WITH MIN. 3.25 SQ. FT. FREE AREA (6.5 SQ. FT. TOTAL AREA). MIN LOUVER SIZE SHALL BE APPROX. 30"x30". INSTALL LOUVER APPROX. 4" FROM EDGE. REFER TO ARCH DRAWINGS FOR DETAILS.
- 2 4" THICK HOUSE KEEPING PAD WITH 1" CHAMFERED EDGES. EXTEND PAD TO BE 4" PAST UNIT DIMENSIONS IN ALL DIRECTIONS.
- 3 FRONT OF UNIT WHERE UNIT ACCESS IS, SHALL NOT BE BLOCKED BY ANY DUCTWORK. COORDINATE UNIT LOCATION AND DUCTWORK PRIOR TO INSTALLATION.
- 4 EXHAUST AIR LOUVER WITH MIN. 0.55 SQ. FT. FREE AREA (1.1 SQ. FT. TOTAL AREA). APPROXIMATE LOUVER SIZE SHALL BE MIN. 18" X 18". INSTALL LOUVER 11"-10" A.F.F.



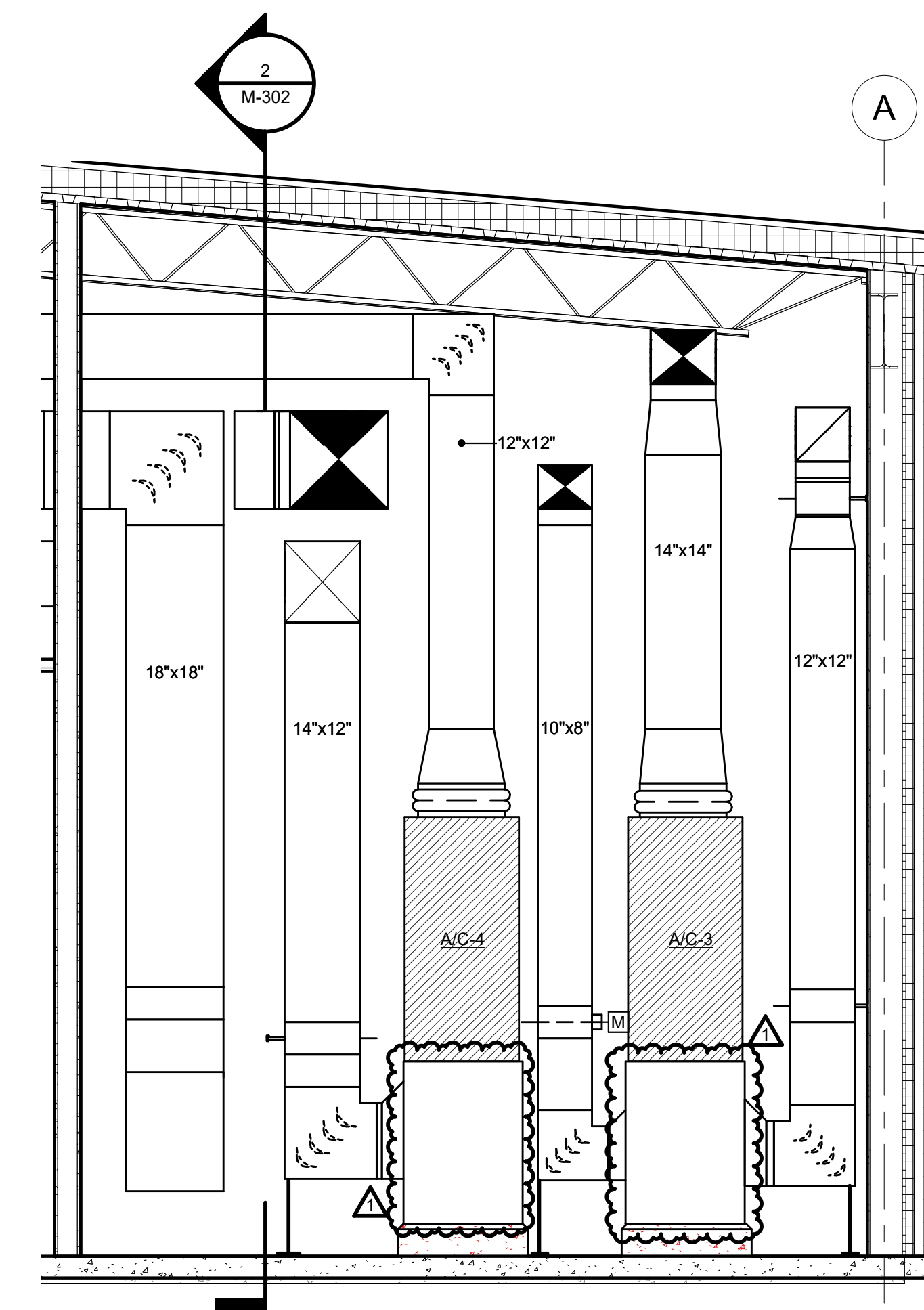
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ENLARGED FLOOR PLAN - MECHANICAL ROOM - HVAC  
SCALE: 3/4" = 1'-0"



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- 



**3 MECHANICAL ROOM SECTION - SOUTH WEST**  
SCALE: 1/2" = 1'-0"

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DELTA	DESCRIPTION	DATE
1	ADDENDUM C2	10/18/2021

<u>PROJECT TEAM</u>	<u>DRAWN BY</u>
ED TEXAS	RWB

PROJECT PHASE

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CONSTRUCTION DOCUMENTS

SHEET CONTENTS

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MECHANICAL ROOM SECTIONS  
- HVAC

SHEET NO.

M-302



COMPUTER ROOM AIR CONDITIONING UNIT		
GENERAL	DESIGNATION	CRAC-1
	LOCATION	PRESS BOX 2ND LEVEL
	AREA SERVED	TECH. RM
	MANUFACTURER	LIEBERT
FAN DATA	MODEL	MMD18E
	WEIGHT, LBS	225
	MIN./MAX. O.A., CFM	0
	AIR FLOW, CFM	750
FILTERS	EXT. STATIC PRESSURE, IN. W.G.	0.3
	MIN. FAN MOTOR POWER, HP	0.5
	TYPE	MERV 11
	THICKNESS	2"
COOLING COIL	TYPE	DX COILS, HORIZONTAL
	SENSIBLE LOAD, BTU/HR	15,900
	TOTAL LOAD, BTU/HR	17,000
	MIN. EFFICIENCY RATING (SEER / EER) @ AHRI	- / 10.3
HEATING SECTION	ENTERING AIR TEMPERATURE, °F DB	75.0
	ENTERING AIR TEMPERATURE, °F WB	61.1
	LEAVING AIR TEMPERATURE, °F DB	55.2
	LEAVING AIR TEMPERATURE, °F WB	52.9
ELECTRICAL DATA	MIN. ROWS	3
	MAX. FINS PER IN.	14
	MAX. AIR PRESSURE DROP, IN. W.G.	1.0
	TYPE	ELECTRIC
REMARKS	TOTAL CAPACITY, BTU/HR	57,750
	REQUIRED HEAT LOAD IN, KW	16.9
	SELECTED HEATING CAPACITY, KW	14.4
	ENTERING AIR TEMPERATURE, °F	61.3
CONDENSING UNIT	LEAVING AIR TEMPERATURE, °F	95.0
	NO. STAGES OF CONTROL	2
	VOLTAGE	208
	PHASE	1
ELECTRICAL DATA	FREQUENCY, HZ	60
	MIN. CIRCUIT AMPACITY, A	1.8
	MAX. OVERCURRENT PROTECTION, A	15
	REMARKS	2, 3
GENERAL	DESIGNATION	CU-2-4
	LOCATION	ON ROOF
	UNIT SERVED	CRAC-1
	MANUFACTURER	LIEBERT
FAN DATA	MODEL	PPH200
	WEIGHT, LBS	200
	TOTAL NOMINAL CAPACITY, BTU/HR	16,000
	MAX. AMBIENT TEMP., °F	105.0
ELECTRICAL DATA	MIN. AMBIENT TEMP., °F	22.0
	MIN. NO. STEPS OF CAPACITY CONTROL	1
	VOLTAGE	208
	PHASE	1
REMARKS	FREQUENCY, HZ	60
	MIN. CIRCUIT AMPACITY, A	14.8
	MAX. OVERCURRENT PROTECTION, A	25
	REMARKS	1, 4
COMMENTS:		
1. PROVIDE HAIL GUARD ON CONDENSER.		
2. PROVIDE MANUFACTURER FURNISHED OVER-FLOW ALARM IN DRAIN PAN OR P-TRAP OF COOLING COIL.		
3. PROVIDE MANUFACTURER FURNISHED FILTER BOX.		
4. PROVIDE MANUFACTURER FURNISHED 250/277V AUTO TRANSFORMER TO WIRE IT TO EXISTING 277/1 ELEC. FEED.		

#### BI-POLAR IONIZATION

EQUIPMENT LOCATION	A/C-5	A/C-6
DESIGNATION	BP-1	BP-2
MANUFACTURER	TRANE	TRANE
MODEL	O6	O6
AIRFLOW (CFM)	1,750	1,750
VOLTAGE	24	24
POWER (VA)	12	12
COMMENTS	1	1
COMMENTS KEY:		
1. INSTALL BI-POLAR IONIZER IN FAN SECTION OF THE UNIT. REFER TO MANUFACTURER RECOMMENDATIONS FOR EXACT MOUNTING LOCATION. PROVIDE CONTROL VOLTAGE, POWER TO IONIZER FROM UNIT CONTROL POWER OR EMS CONTROL PANEL.		

#### GRILLES, REGISTERS, AND DIFFUSERS

DESIGNATION	TYPE	MOUNTING TYPE	MATERIAL	FINISH	MAX. N.C. LEVEL	OPPOSED DAMPER BLADE	EQUALIZING GRID	MANUFACTURER	MODEL	DESCRIPTION
A	SUPPLY DIFFUSER - LOUVERED	LAY-IN / SURFACE	STEEL	WHITE	30	NO	NO	TITUS	TMS	24"x24" FACE
B	SUPPLY DIFFUSER - LOUVERED	LAY-IN / SURFACE	STEEL	WHITE	30	NO	NO	TITUS	TMS	12"x12" FACE
C	SUPPLY DIFFUSER - SLOT	LAY-IN	ALUMINUM	WHITE	30	NO	NO	TITUS	FL-10-1	1 SLOT, 1" SLOT WIDTH, MANUFACTURER FURNISHED PLENUM, 48" LONG, BORDER TYPE 11, PROVIDE END CAPS AND NO PATTERN CONTROLLER
D	SIDEWALL SUPPLY REGISTER	SURFACE	STEEL	WHITE	30	YES	NO	TITUS	300FS	ADJUSTABLE DOUBLE DEFLECTION
E	RETURN GRILLE	SURFACE	ALUMINUM	WHITE	30	NO	NO	TITUS	355FL	35° FIXED DEFLECTION
F	RETURN AIR GRILLE	LAY-IN / SURFACE	ALUMINUM	WHITE	30	NO	NO	TITUS	50F	1/2"x1/2"x1" EGG GRATE WITH FRAMED BORDER, DO NOT STACK 1/2"
G	EXHAUST REGISTER	LAY-IN / SURFACE	ALUMINUM	WHITE	30	YES	NO	TITUS	355FL	35° FIXED DEFLECTION

#### DIRECT EXPANSION (DX) DUCTLESS SPLIT SYSTEM PACKAGED TERMINAL AIR CONDITIONER (PTAC) SCHEDULE

GENERAL	DESIGNATION	PTAC-1
	SERVES	CONTROL ROOM 120
	LOCATION	WALL MOUNTED
	MIN. O.A., CFM	65
FAN DATA	MAX. OPERATING WEIGHT, LBS.	113
	TOTAL DESIGN CFM	314 / 340
	EXT. S.P., IN. W.G.	--
	MIN. FAN MOTOR HP	--
ELECTRICAL DATA	FAN, VOLTS/PHASE	208 / 1
	MIN. CIRCUIT AMPACITY	14.1
	MAX. OVERCURRENT PROTECTION (MOCP)	15
	SEER/EER	-- / 10.0
COOLING COIL	ENT. AIR TEMP.-DB/WB - F°	77.4 / 60.0
	SENS. COOLING	12,500
	TOTAL COOLING, BTUH	16,700
	MIN. COIL FACE AREA, SQ. FT.	--
HEATING COIL	MIN. ROWS/MAX F.P.I.	--
	MAX. A.P.D., IN. W.G.	--
	ENT. AIR TEMP., F°	60.0
	TOTAL HEATING, BTUH	14,000
REMARKS	KW	2.5
	VOLTS/PHASE	208 / 1
	MIN. NO. CAPACITY STEPS	1
	MANUFACTURER	AMANA
REMARKS	MODEL NO.	PTC173G25A
	REMARKS	1, 2
REMARKS KEY:		
1. PROVIDE CONDENSATE DRAIN KIT FOR UNIT.		
2. PROVIDE REMOTE WALL MTD. THERMOSTAT.		

#### SPLIT SYSTEM DX COOLING WITH ELECTRIC HEAT

GENERAL	DESIGNATION	A/C-1	A/C-2	A/C-3	A/C-4	A/C-5, /A/C-6
	LOCATION	MECH ROOM	MECH ROOM	MECH ROOM	MECH ROOM	MECH ROOM
	AREA SERVED	LOBBY & OFFICES	CONF. & BREAK RM	LOCKER	IDF	ASSEMBLY
	MANUFACTURER	TRANE	TRANE	TRANE	TRANE	TRANE
FAN DATA	MODEL	TEMA60C48	TEMA60C36	TEMA60B24	TEMA60B24	TEMA60C60
	WEIGHT, LBS	175	150	120	120	175
	MIN./MAX. O.A., CFM	275	325	200	0	350
	AIR FLOW, CFM	1,575	1,150	700	700	1750
FILTERS	EXT. STATIC PRESSURE, IN. W.G.	0.75	0.75	0.75	0.5	0.75
	MIN. FAN MOTOR POWER, HP	0.75	0.5	0.33	0.33	0.75
	TYPE	MERV 11	MERV 11	MERV 11	MERV 11	MERV 11
	THICKNESS	2"	2"	2"	2"	2"
COOLING COIL	TYPE	DX COILS, VERTICAL	DX COIL, VERTICAL	DX COIL, VERTICAL	DX COIL, VERTICAL	DX COIL, VERTICAL
	SENSIBLE LOAD, BTU/HR	41,430	32,830	19,200	14,520	41,775
	TOTAL LOAD, BTU/HR	43,375	33,850	22,775	20,420	53,865
	MIN. EFFICIENCY RATING (SEER / EER) @ AHRI	17.0 / 13.0	16.0 / 12.5	17.0 / 13.0	17.0 / 13.0	16.5 / 12.0
HEATING SECTION	ENTERING AIR TEMPERATURE, °F DB	78.2	81.1	81.3	73.6	79.0
	ENTERING AIR TEMPERATURE, °F WB	62.5	63.8	65.6	62.9	65.8
	LEAVING AIR TEMPERATURE, °F DB	54.0	55.0	56.0	54.0	57.0
	LEAVING AIR TEMPERATURE, °F WB	53.0	54.0	55.0	53.0	56.0
ELECTRICAL DATA	MIN. ROWS	2	2	2	2	2
	MAX. FINS PER IN.	12	12	12	12	12
	MAX. AIR PRESSURE DROP, IN. W.G.	1.0	1.0	1.0	1.0	1.0
	TYPE	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC
REMARKS	TOTAL CAPACITY, BTU/HR	57,750	48,915	29,900	19,000	66,580
	REQUIRED HEAT LOAD IN, KW	16.9	14.3	8.8	5.6	19.5
	SELECTED HEATING CAPACITY, KW	14.4	14.4	7.2	7.2	18.0
	ENTERING AIR TEMPERATURE, °F	55.9	55.7	70.0	70.0	60.0
CONDENSING UNIT	LEAVING AIR TEMPERATURE, °F	95.0	95.0	95.0	95.0	95.0
	NO. STAGES OF CONTROL	2	2	1	1	2
	VOLTAGE	208	208	208	208	208
	PHASE	1	1	1	1	1
ELECTRICAL DATA	FREQUENCY, HZ	60	60	60	60	60
	MIN. CIRCUIT AMPACITY, A	95.0	92.0	47.0	47.0	117.0
	MAX. OVERCURRENT PROTECTION, A	105	95	50	50	130
	REMARKS	2 - 5	2 - 5	2 - 5	2 - 5	2 - 6
GENERAL	DESIGNATION	CU-1	CU-2	CU-3	CU-4	CU-5, CU-6
	LOCATION	ON GROUND	ON GROUND	ON GROUND	ON GROUND	ON GROUND
	UNIT SERVED	AC-1	AC-2	AC-3	AC-4	AC-5, AC-6
	MANUFACTURER	TRANE	TRANE	TRANE	TRANE	TRANE
FAN DATA	MODEL	4T1A7048	4T1A7036	4T1R7024	4T1R7024	4T1A7060
	WEIGHT, LBS	250	250	275	275	275
	TOTAL CAPACITY, BTU/HR	43,375	33,850	22,775	20,420	53,865
	MAX. AMBIENT TEMP., °F	105.0	105.0	105.0	105.0	105.0
ELECTRICAL DATA	MIN. AMBIENT TEMP., °F	22.0	22.0	22.0	22.0	22.0
	MIN. NO. STEPS OF CAPACITY CONTROL	2	2	1	1	2
	VOLTAGE	208	208	208	208	208
	PHASE	3	3	1	1	3
REMARKS	FREQUENCY, HZ	60	60	60	60	60
	MIN. CIRCUIT AMPACITY, A	18.0	15.0	13.4	13.4	22.0
	MAX. OVERCURRENT PROTECTION, A	30	25	20	20	35
	REMARKS	1, 4	1, 4	1, 4	1, 4	1, 4
COMMENTS:						
1. PROVIDE HAIL GUARD ON CONDENSER.						
2. PROVIDE MANUFACTURER FURNISHED OVER-FLOW ALARM IN DRAIN PAN OR P-TRAP OF COOLING COIL.						
3. PROVIDE FILTER ACCESS KIT SIMILAR TO ACCOMODATOR SHORT, AGC, FOR RETURN.						
4. PROVIDE LOW AMBIENT CONTROLS FOR CONDENSER UNIT AS NOTED IN SPECIFICATIONS.						
5. PROVIDE SINGLE POINT POWER CONNECTION TO INDOR UNIT, IF IT IS FOR TRANE MANUFACTURER MORE THAN ONE CIRCUITS ARE ALLOWED ON AC/CU-05 & 06.						
6. PROVIDE UNIT WITH BIPOLAR IONIZER LOCATED IN FAN SECTION OF THE UNIT. REFER TO MANUFACTURER RECOMMENDATIONS FOR EXACT MOUNTING LOCATION. PROVIDE CONTROL VOLTAGE POWER TO IONIZER FROM UNIT CONTROL POWER OR EMS CONTROL PANEL.						

#### MECHANICAL LEGEND

RS	REFRIGERANT SUCTION
RL	REFRIGERANT LIQUID
CD	CONDENSATE DRAIN
AD	AUXILIARY DRAIN
	SLOPE DOWN IN DIRECTION OF ARROW WITH SLOPE SHOWN
1/8" / FT.	
]	CAP
+	RISE IN PIPING
+	DROP IN PIPING
T	THERMOSTAT/TEMPERATURE SENSOR
H	HUMIDITY SENSOR
C	CARBON DIOXIDE SENSOR
THS	COMBINATION SENSOR (TEMPERATURE, HUMIDITY, & CARBON DIOXIDE)
F	FIRESTAT
S	DIRECT SMOKE DETECTOR
\$	WALL SWITCH
\$T	WALL TIMER SWITCH
→	SUPPLY AIR ARROW
↖	RETURN AIR ARROW
R	RISE IN DUCT
D	DROP IN DUCT
↗	SUPPLY DUCT RISE / DROP
↖	RETURN OR EXHAUST DUCT RISE / DROP
M	MANUAL DAMPER
M	MOTORIZED DAMPER
F.D.	FIRE DAMPER
S.D.	SMOKE DAMPER
F.S.D.	FIRE-SMOKE DAMPER
○	CONNECT TO EXISTING
---	EXISTING WORK TO REMAIN
---	EXISTING WORK TO BE REMOVED
---	NEW WORK

NOTE: NOT ALL SYMBOLS ARE USED.

#### FAN SCHEDULE

GENERAL DATA	DESIGNATION	EF-1	EF-2	EF-3	EF-4	EF-5
	AIR SYSTEM	EXHAUST	EXHAUST	EXHAUST	EXHAUST	EXHAUST
	SERVICE	LOCKER, CUST. & SHOWER	ELEC.	BREAK ROOM	RESTROOMS	STORAGE
	MOUNTING	IN-LINE	IN-LINE	IN-LINE	IN-LINE	IN-LINE
PERFORMANCE DATA	TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
	MIN. WHEEL DIAMETER, IN.	12	12	12	13.5	1.5
	DRIVE TYPE	BELT	BELT	BELT	BELT	BELT
	MANUFACTURER	COOK	COOK	COOK	COOK	COOK
ELECTRICAL DATA	MODEL	120 SQNB	135 SQNB	120 SQNB	135 SQNB	135 SQNB
	WEIGHT, LBS					
	AIR FLOW, CFM	275	500	150	450	500
	MIN. EXT. S.P., IN. W.G.	0.3	0.3	0.3	0.3	0.3
CONTROLS	MAX FAN RPM	2867	2332	2867	2332	2332
	MIN. MOTOR SIZE, HP	.25	.5	.25	.5	.5
	VOLTAGE	120	120	120	120	120
	PHASE	1	1	1	1	1
COMMENTS	FREQUENCY, HZ	60	60	60	60	60
	EMS		THERMOSTAT	WALL SWITCH	EMS	THERMOSTAT
	1. WALL SWITCHES: REFER TO MOTOR STARTER SWITCHES TO BE FURNISHED UNDER DIVISION 23 AND INSTALLED UNDER DIVISION 26 (RECESSED IN WALL).					
	2. EMS: FAN TO BE CONTROLLED BY ENERGY MANAGEMENT SYSTEM.					
REMARKS	3. MOTOR STARTER CAN SUBSTITUTE AS FAN DISCONNECT WHERE NOT WALL MOUNTED AND LOCATED AT FAN MOOR. A DISCONNECT CANNOT SUBSTITUTE FOR A MOTOR STARTER.					

#### ELECTRIC UNIT HEATER

GENERAL DATA	DESIGNATION	EUH-1, EUH-3	EUH-2
	LOCATION	WALL OR STRUCTURE	WALL OR STRUCTURE MTD.
	SERVICE	RISER RM, ELEC. RM	STORAGE RM.
	MANUFACTURER	QMARK	QMARK
FAN DATA	MODEL	MUH-03-81	MUH-05-81
	AIR FLOW, CFM	350	350
	FAN ROTATION, RPM	800	1,600
	MOTOR SIZE, HP	1/100	1/100
ELECTRICAL DATA	VOLTAGE	208	208
	PHASE	1	1
	FREQUENCY, HZ	60	60
	OUTPUT, BTU/HR	17.0	17.0
HEATING DATA	KW	3.0	5.0
	STAGES	1	1
	VOLTAGE	208	208
	COMMENTS	1	1
COMMENTS KEY:			
1. PROVIDE WITH MANUFACTURER BUILT-IN THERMOSTAT.			







MIDLOTHIAN ISD  
STADIUM ADDITIONS AND  
RENOVATIONS  
1800 S 14 ST. MIDLOTHIAN, TX 76065

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OWP PROJECT NO.	DATE OF ISSUE
2021-154-00	10.07.2021

## REVISIONS

DELTA	DESCRIPTION	DATE
1	ADDENDUM C2	10/18/2021

PROJECT TEAM	DRAWN BY
ED TEXAS	MD

PROJECT PHASE

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CONSTRUCTION DOCUMENTS

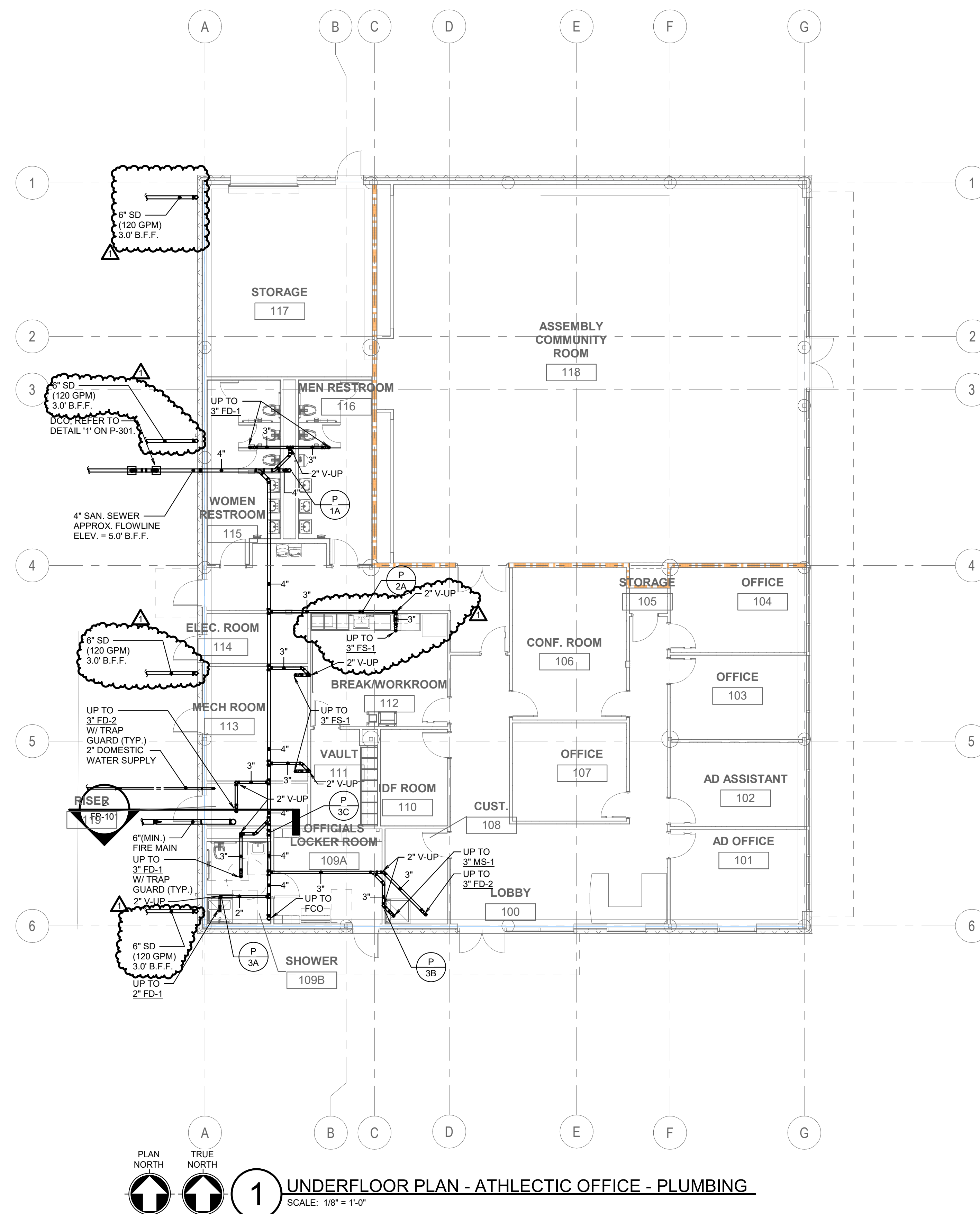
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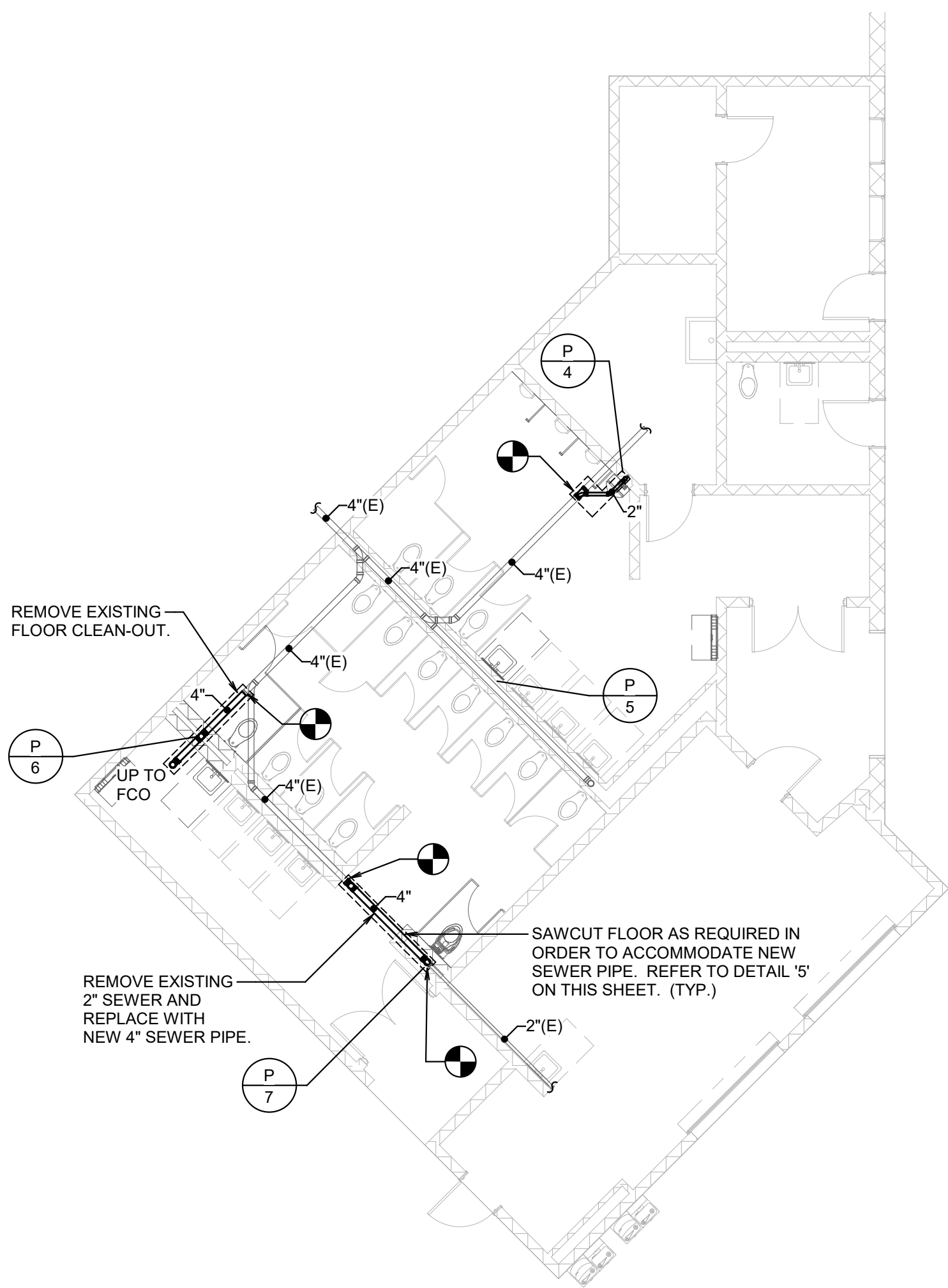
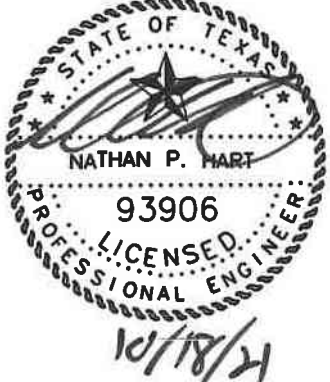
UNDERFLOOR PLAN -  
ATHLETIC OFFICE - PLUMBING

SHEET NO.

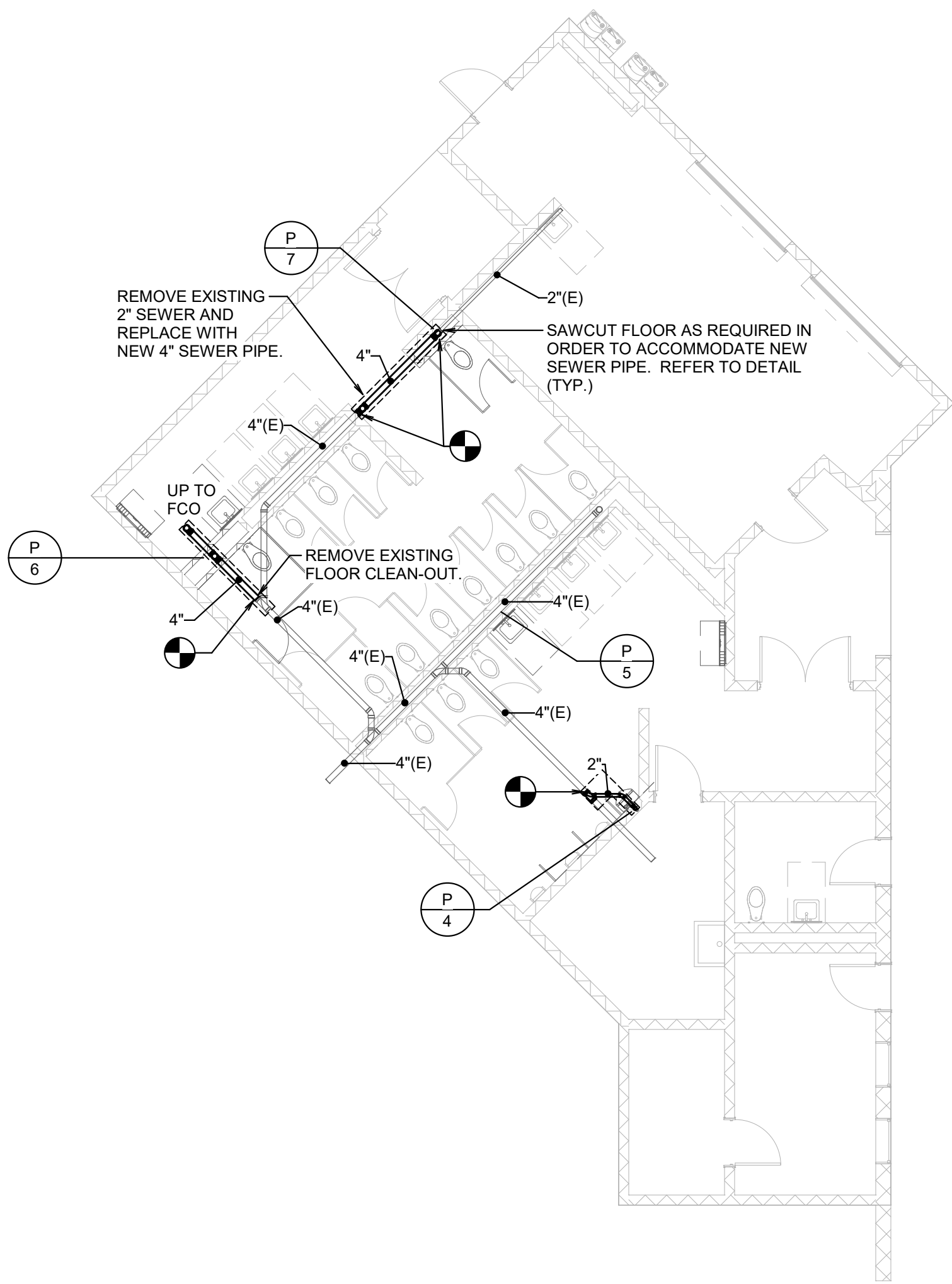
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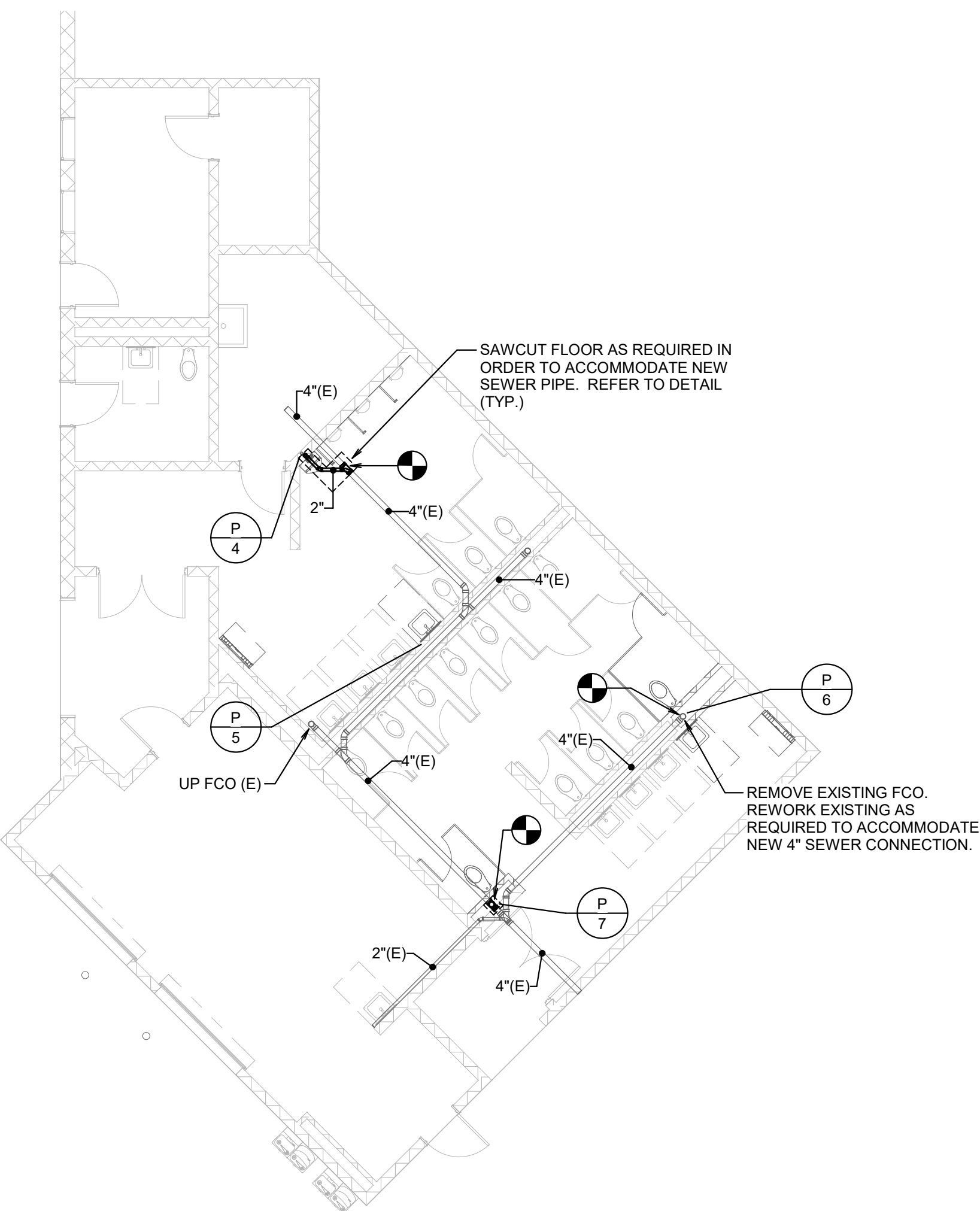




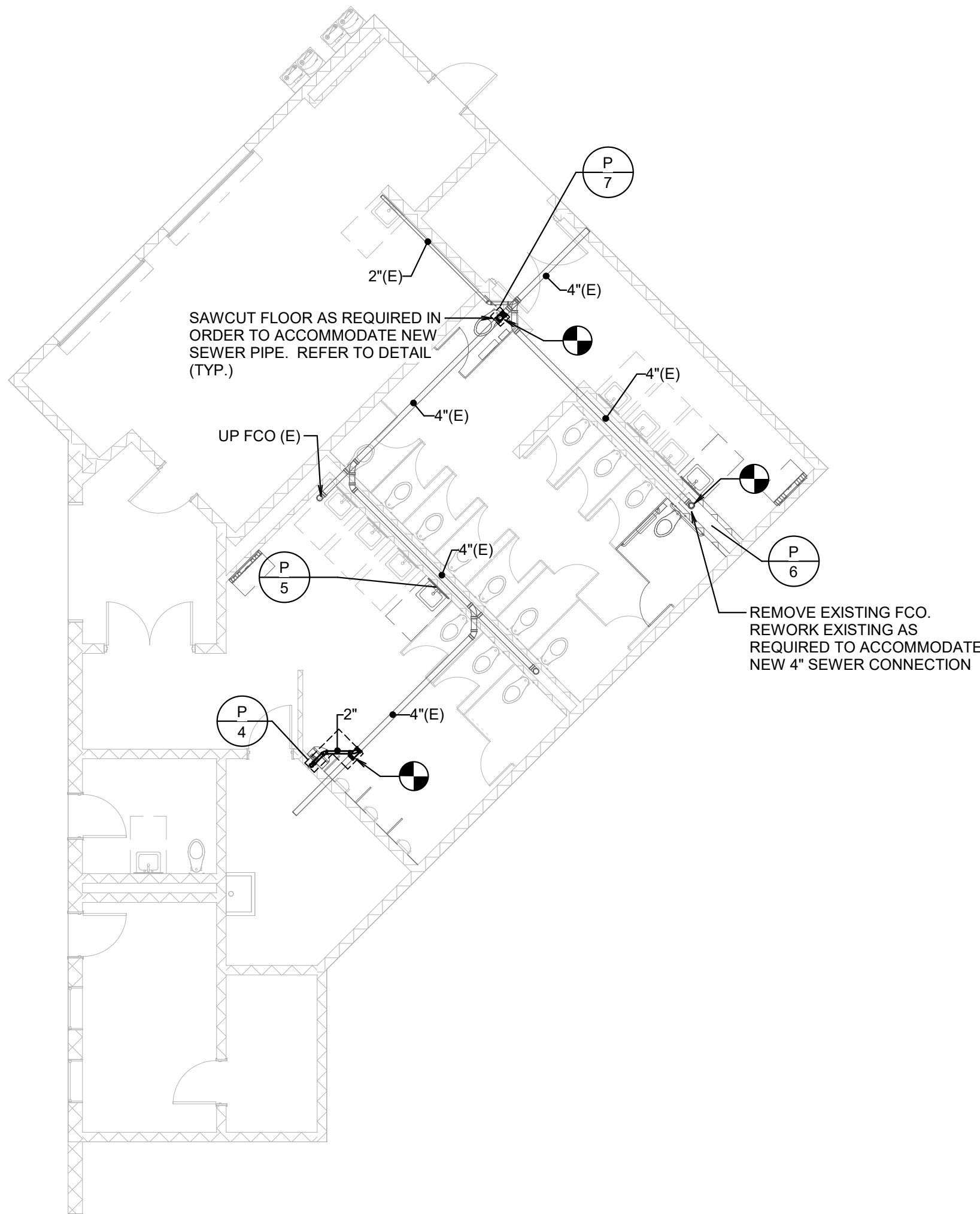
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1 UNDERFLOOR PLAN - CONCESSION NORTHEAST - PLUMBING  
SCALE: 1/8" = 1'-0"



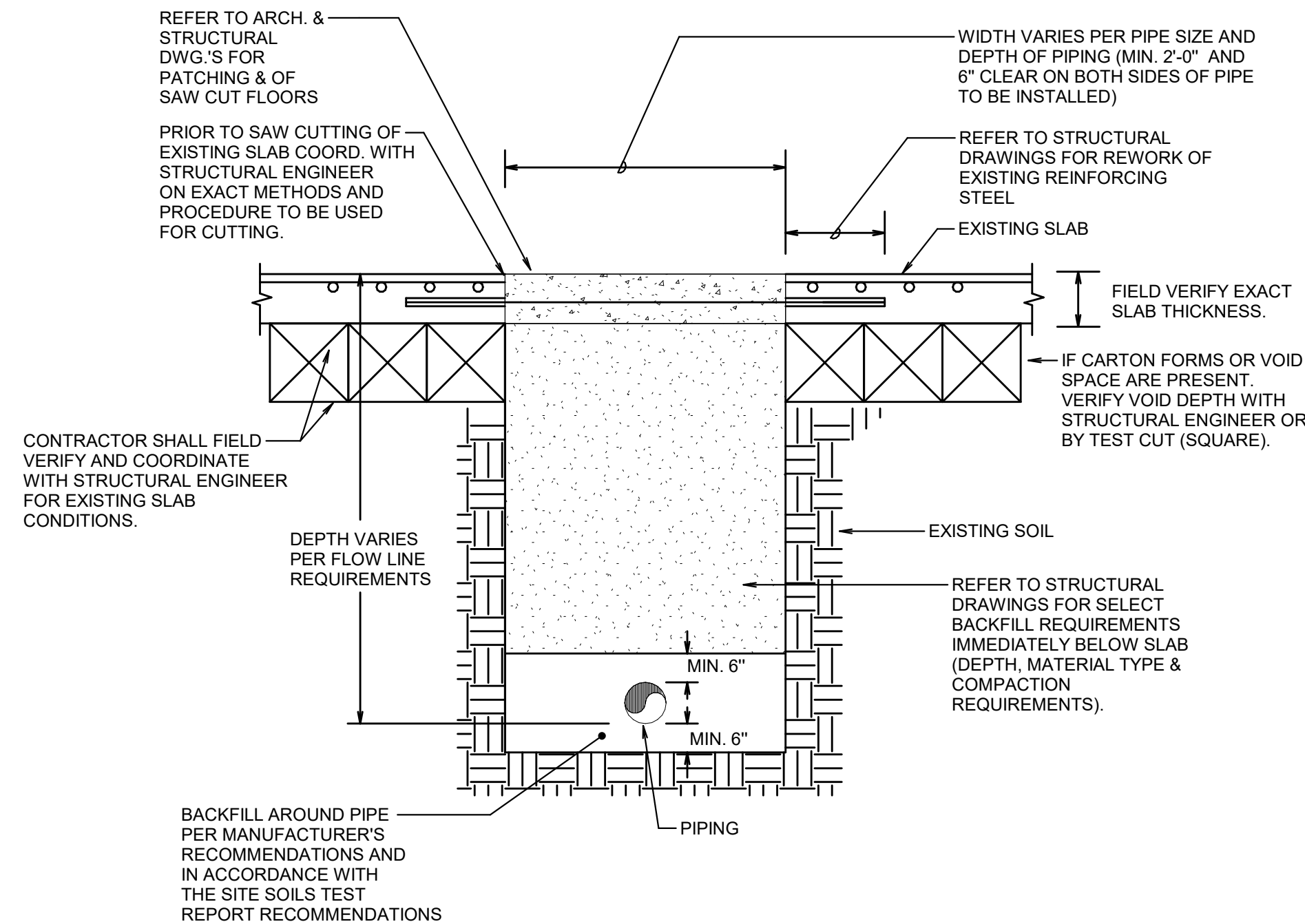
PLAN NORTH TRUE NORTH  
2 UNDERFLOOR PLAN - CONCESSION NORTHWEST - PLUMBING  
SCALE: 1/8" = 1'-0"



PLAN NORTH TRUE NORTH  
3 UNDERFLOOR PLAN - CONCESSION SOUTHEAST - PLUMBING  
SCALE: 1/8" = 1'-0"



PLAN NORTH TRUE NORTH  
4 UNDERFLOOR PLAN - CONCESSION SOUTHWEST - PLUMBING  
SCALE: 1/8" = 1'-0"



NOTE:  
INFORMATION PROVIDED IS NOT INTENDED TO REFLECT THE EXACT SLAB TYPE BUT IS INTENDED FOR GENERAL BACKFILL INFORMATION ONLY. CONTRACTOR SHALL FIELD VERIFY EXISTING SLAB TYPE, THICKNESS, REINFORCING, AND COORDINATE SAW CUTTING REQUIREMENTS WITH THE STRUCTURAL ENGINEER PRIOR TO PERFORMING ANY WORK.

5 EXISTING FOUNDATION UNDERFLOOR PIPING DETAIL  
NO SCALE

MIDLOTHIAN ISD  
STADIUM ADDITIONS AND  
RENOVATIONS  
1800 S 14 ST. MIDLOTHIAN, TX 76065

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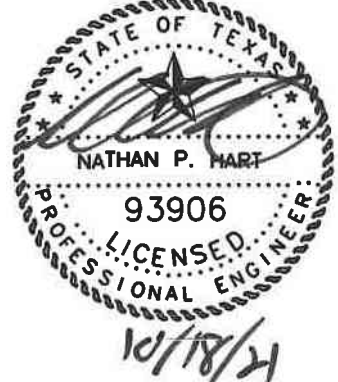
REVISIONS		
DELTA	DESCRIPTION	DATE
1	ADDENDUM 02	10/18/2021

PROJECT TEAM DRAWN BY  
ED TEXAS Author

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
UNDERFLOOR PLAN -  
CONCESSION RESTROOMS -  
PLUMBING  
SHEET NO.





MIDLOTHIAN ISD  
**STADIUM ADDITIONS AND  
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1	ADDENDUM 02	10/18/2021

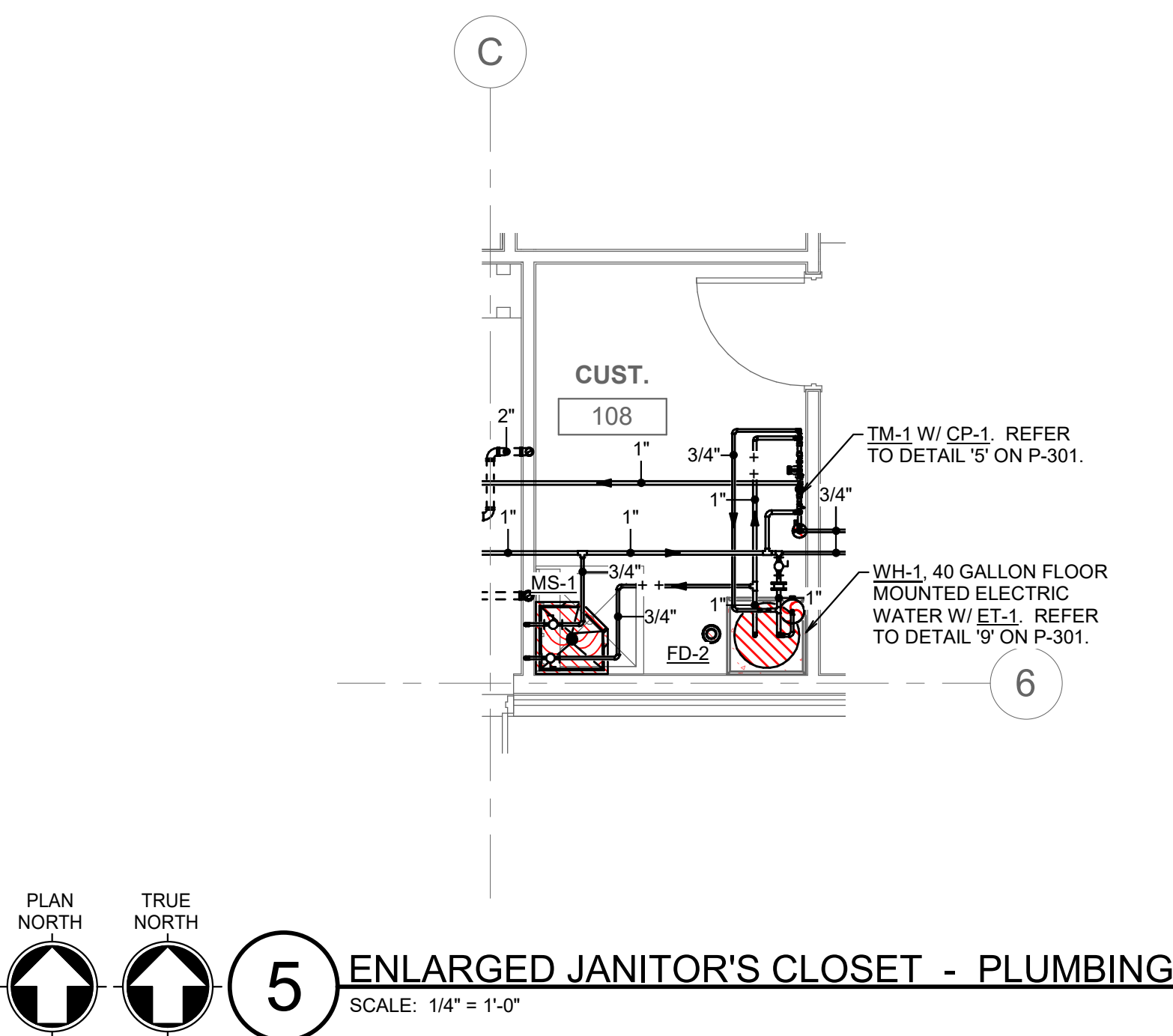
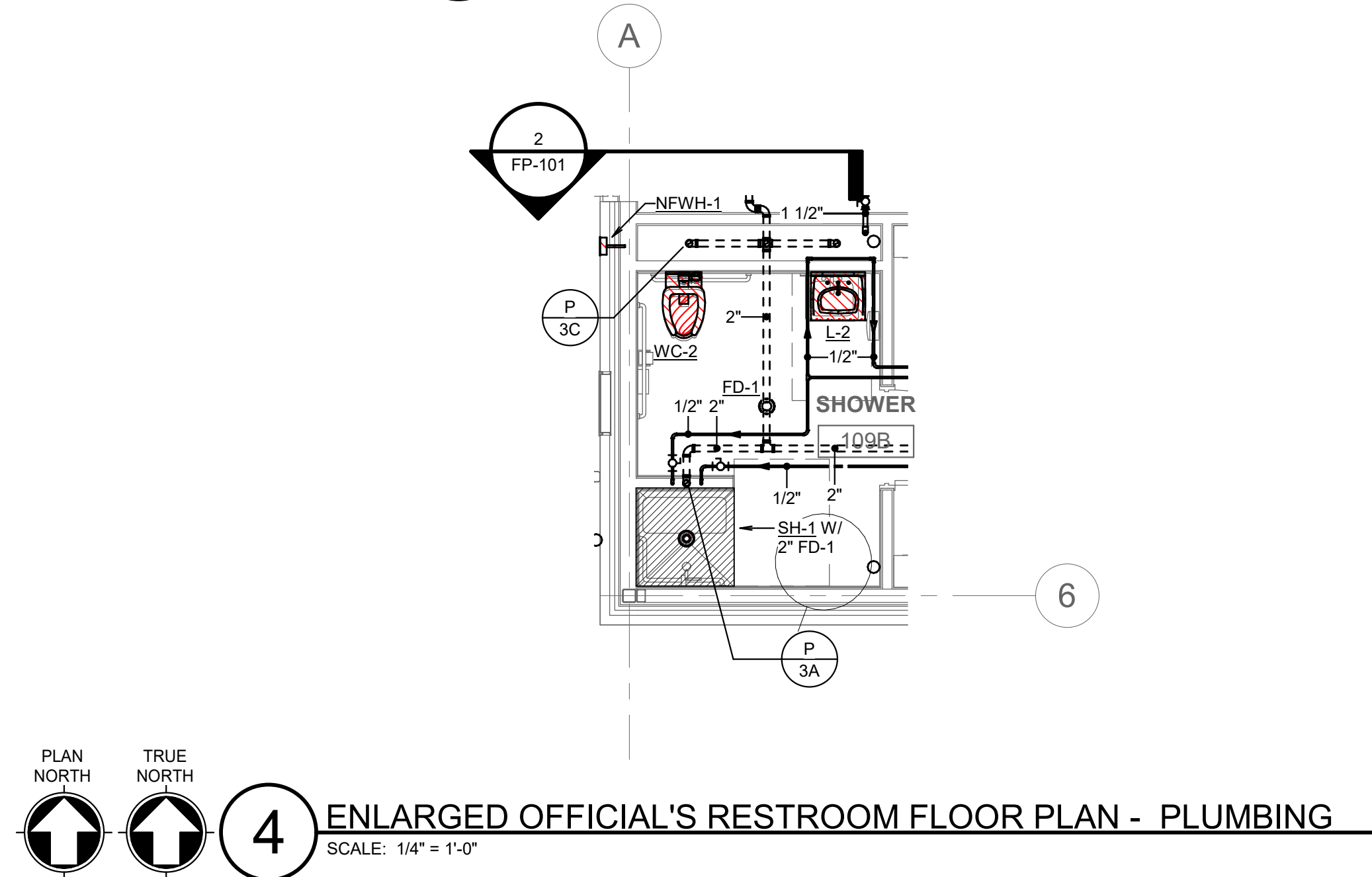
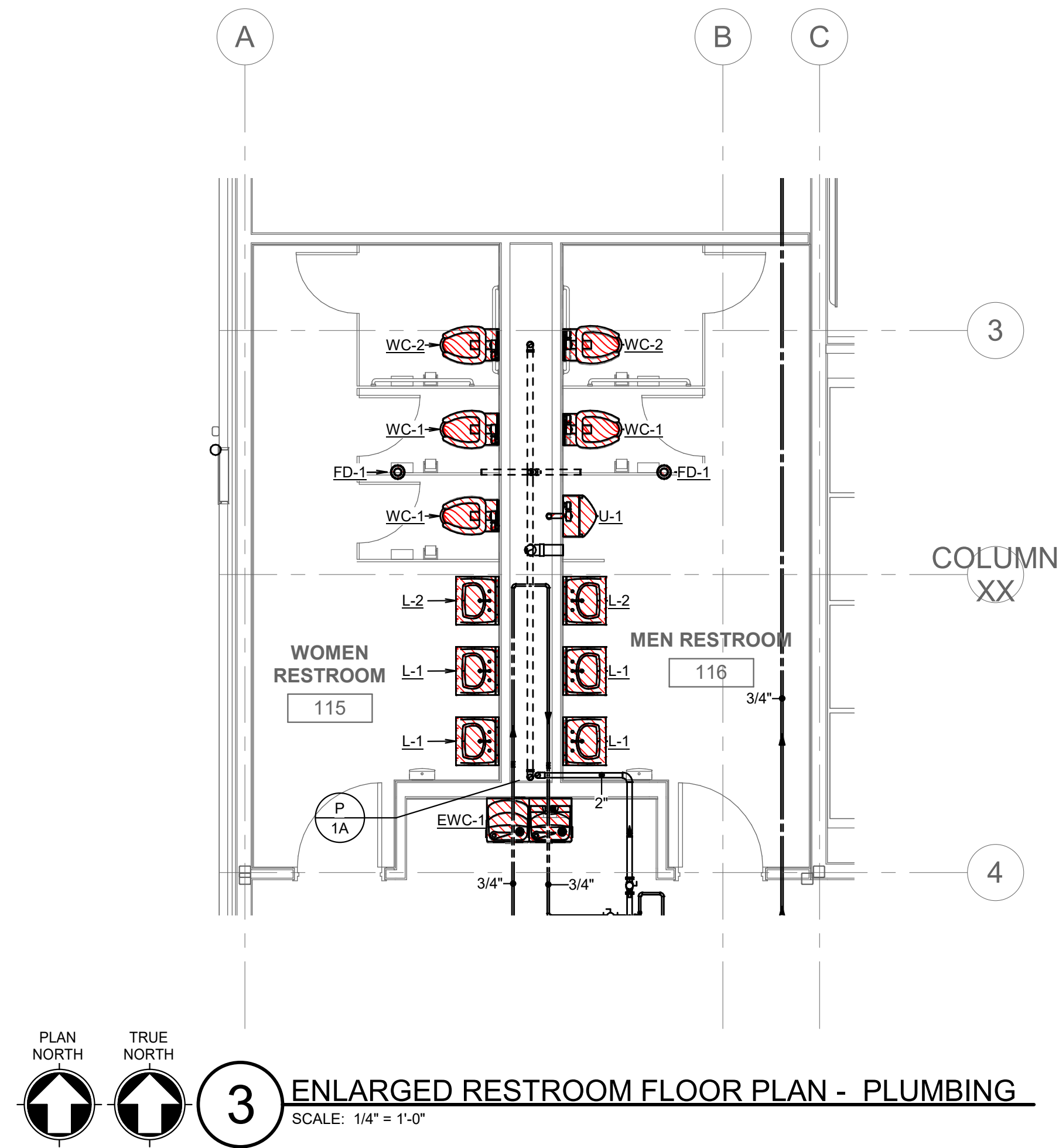
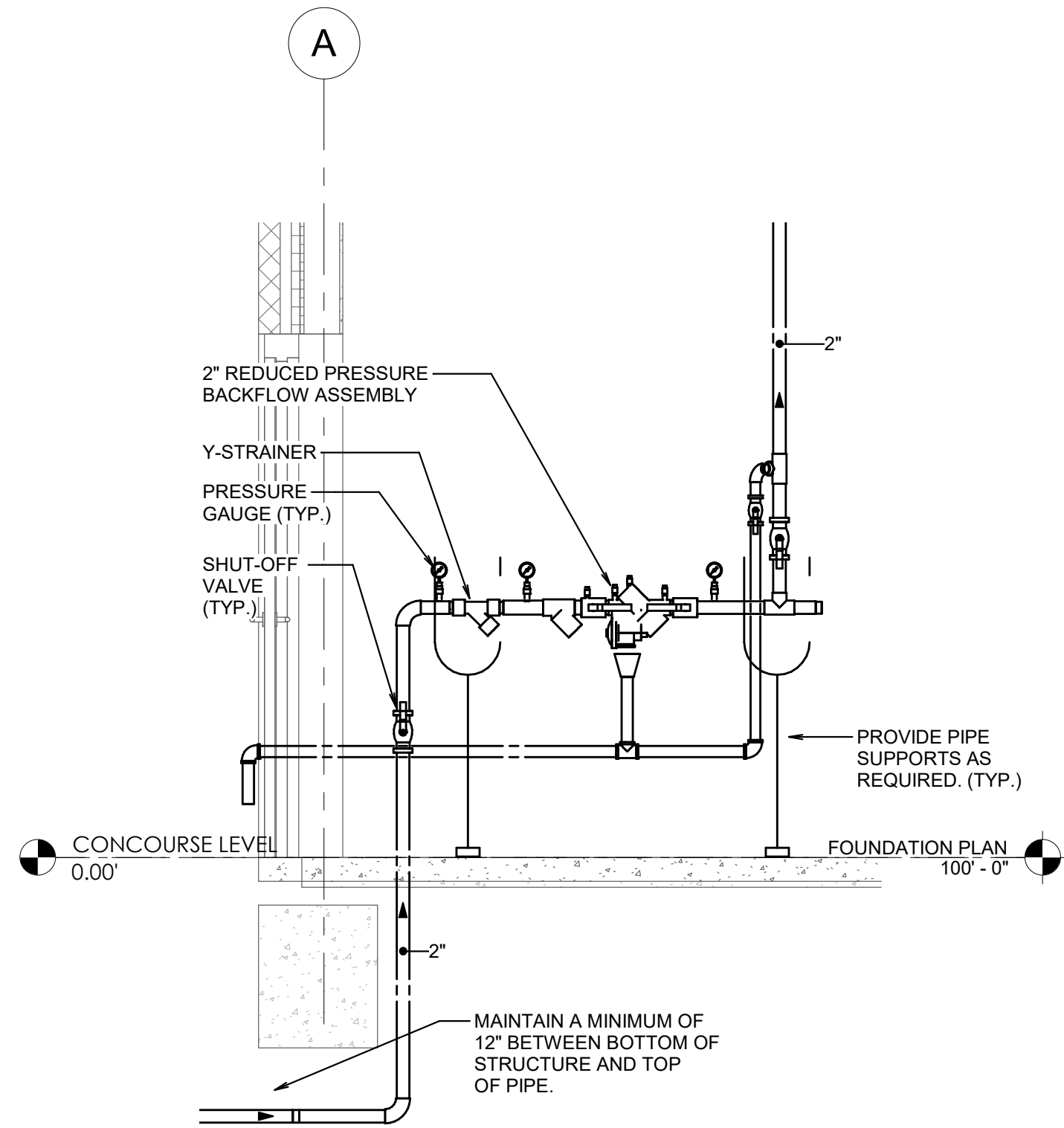
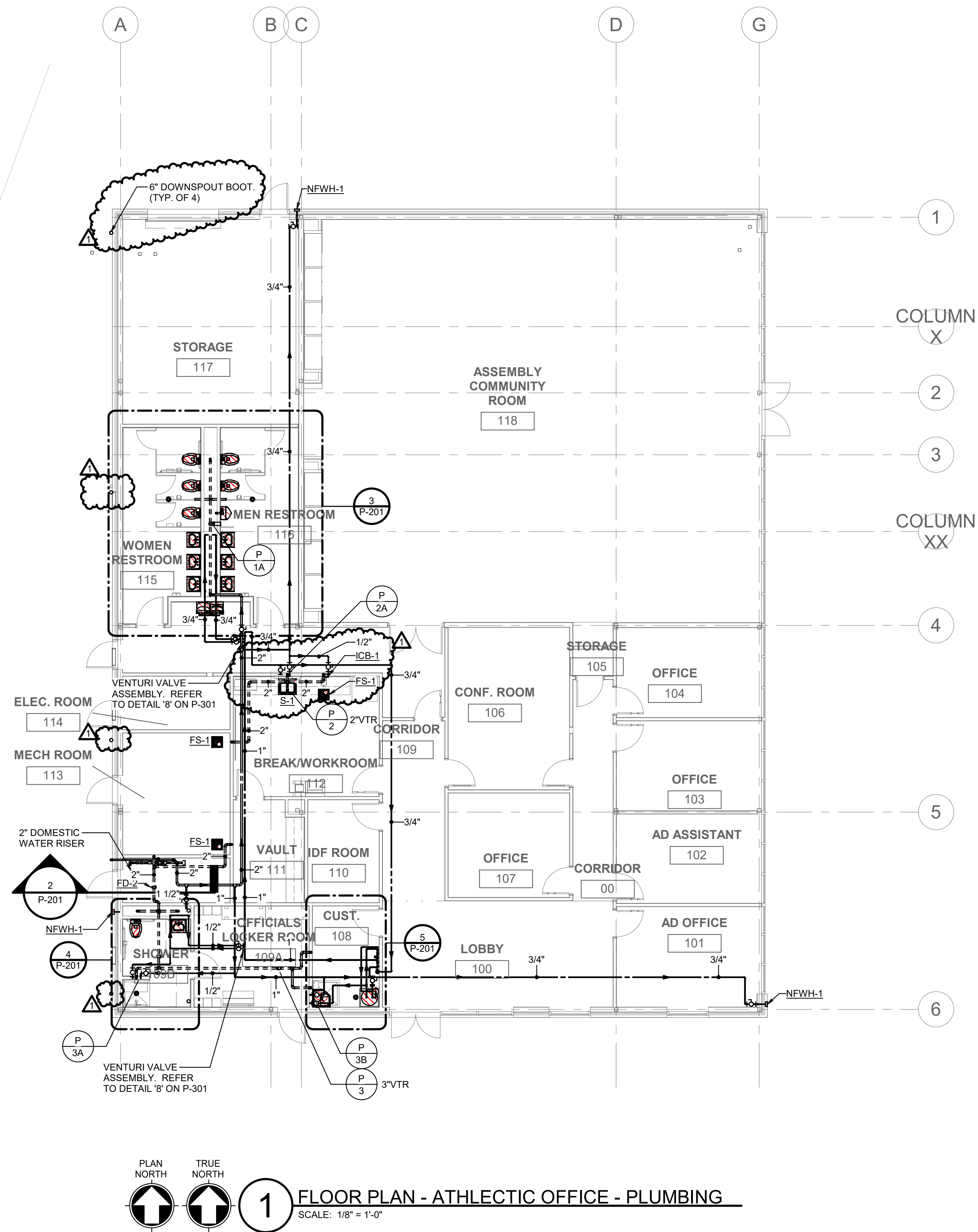
PROJECT TEAM  
ED TEXAS  
DRAWN BY  
MD

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FLOOR PLAN - ATHLETIC OFFICE - PLUMBING

SHEET NO.

P-201







MIDLOTHIAN ISD  
**STADIUM ADDITIONS AND  
RENOVATIONS**  
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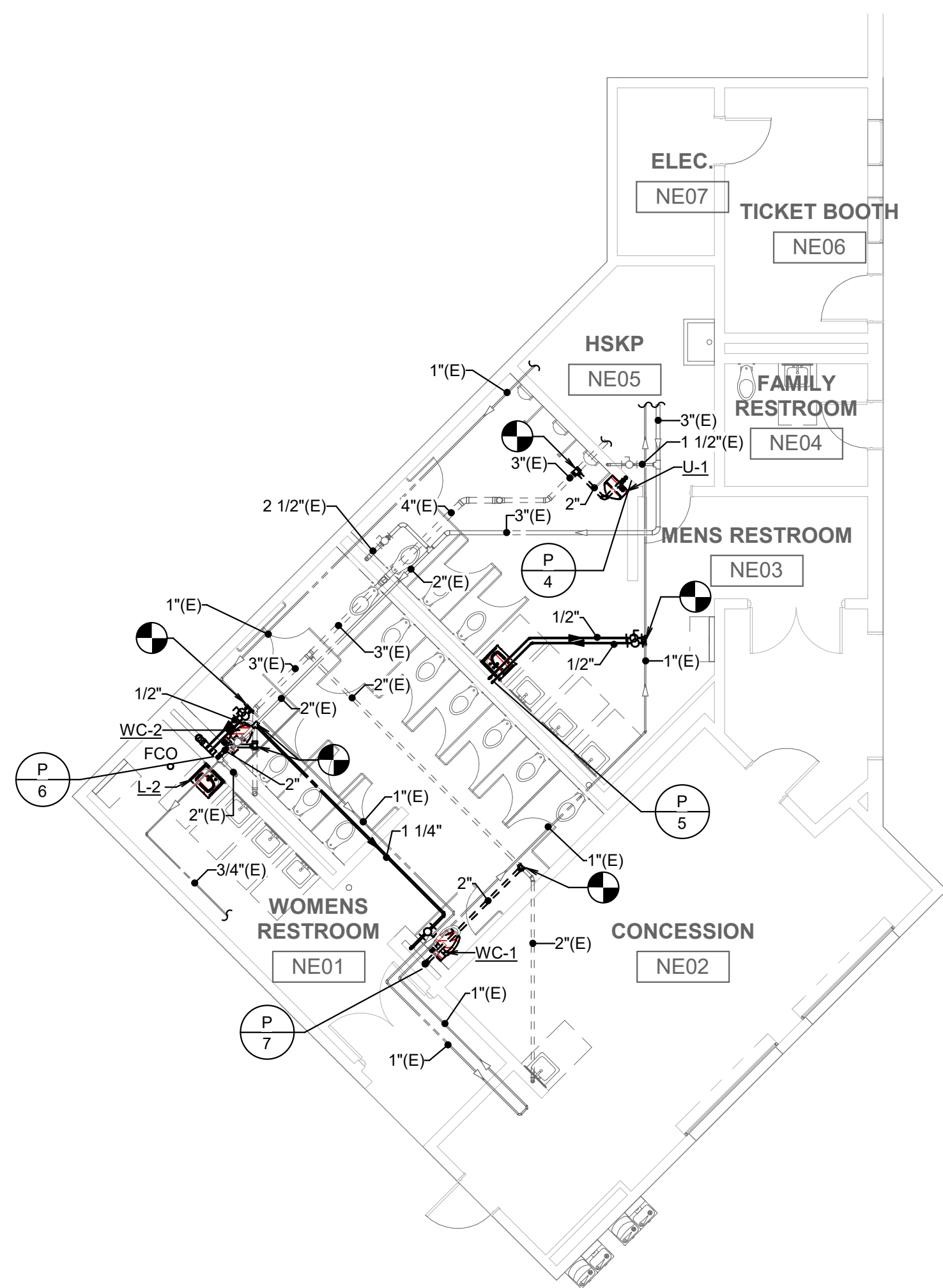
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1	ADDENDUM 02		10/18/2021

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ED TEXAS  
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Author

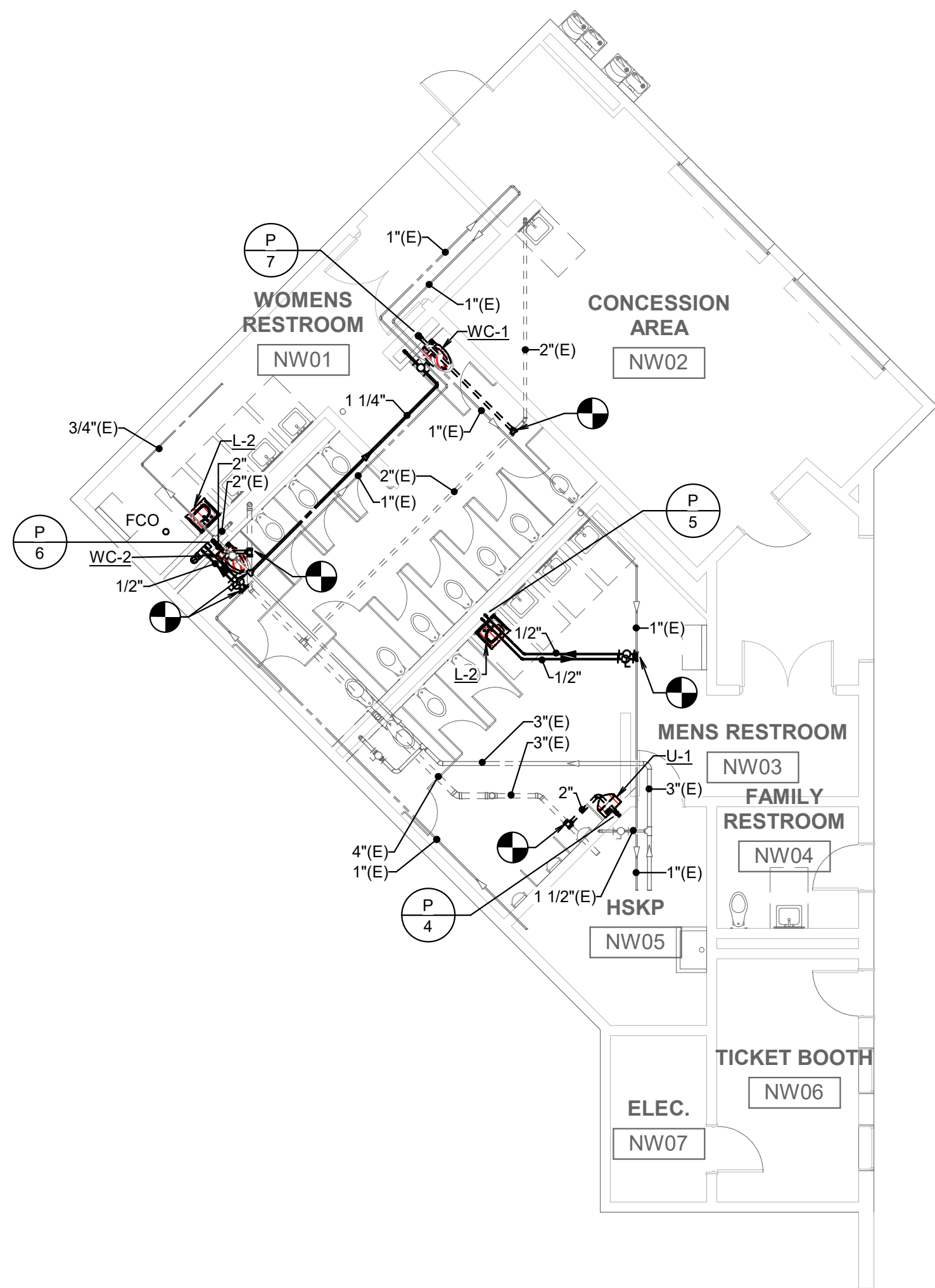
PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FLOOR PLAN - CONCESSIONS -  
PLUMBING

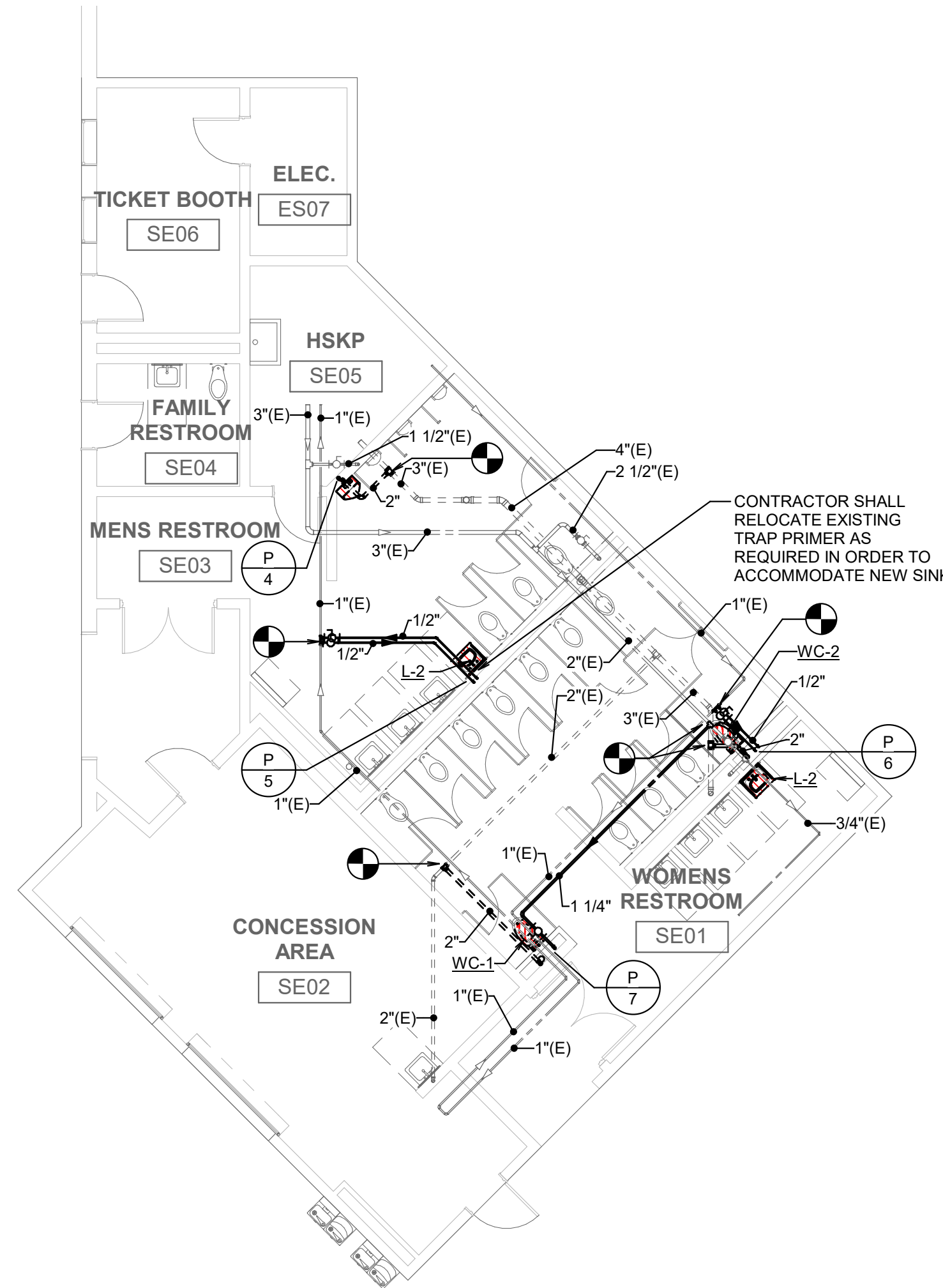
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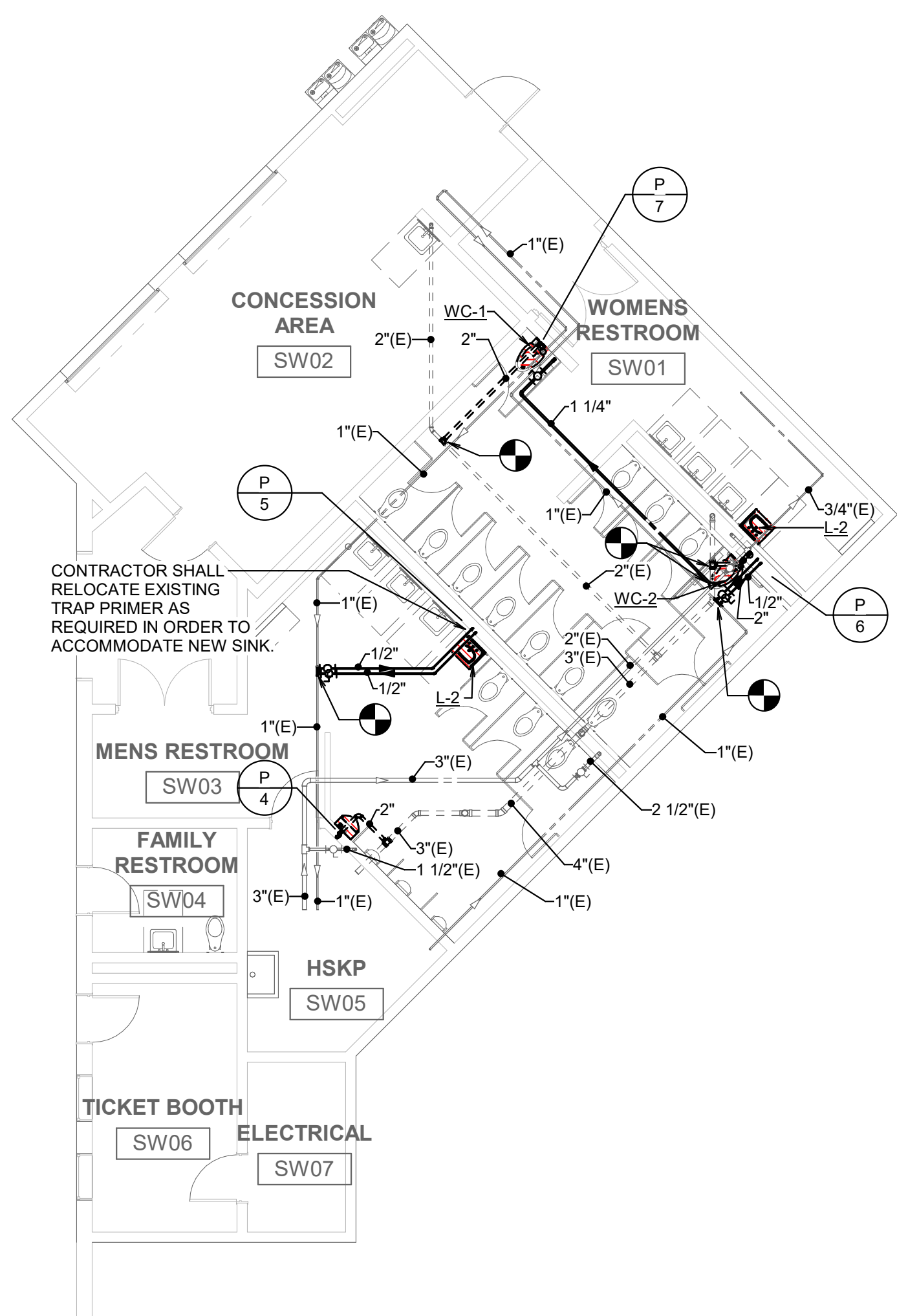
PLAN NORTH TRUE NORTH  
**1 FLOOR PLAN - CONCESSION NORTHEAST - PLUMBING**  
SCALE: 1/8" = 1'-0"



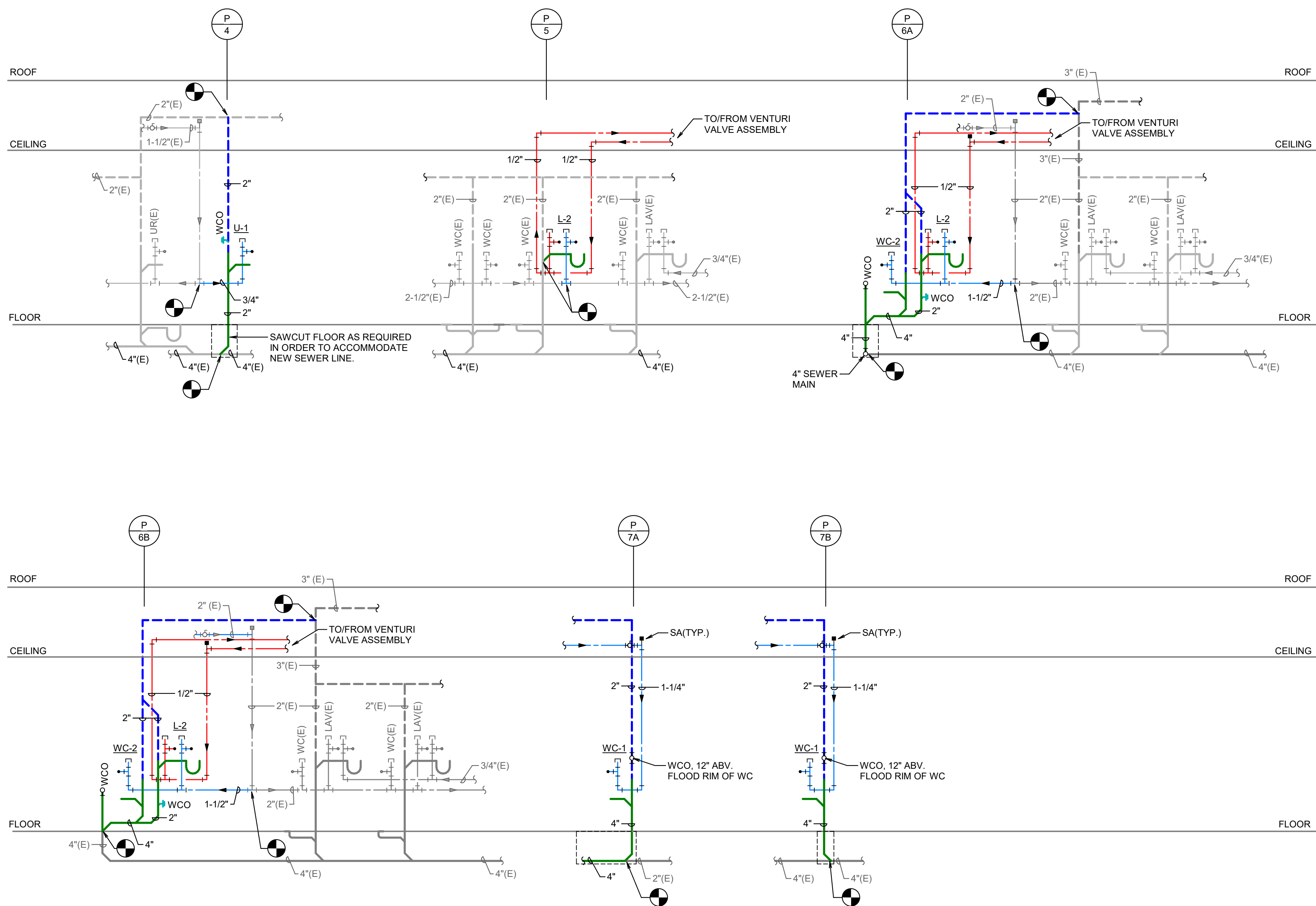
PLAN NORTH TRUE NORTH  
**2 FLOOR PLAN - CONCESSION NORTHWEST - PLUMBING**  
SCALE: 1/8" = 1'-0"



PLAN NORTH TRUE NORTH  
**3 FLOOR PLAN - CONCESSION SOUTHEAST - PLUMBING**  
SCALE: 1/8" = 1'-0"



PLAN NORTH TRUE NORTH  
**4 FLOOR PLAN - CONCESSION SOUTHWEST - PLUMBING**  
SCALE: 1/8" = 1'-0"



**5 PLUMBING RISER DIAGRAMS**  
NO SCALE





NOTES BY SYMBOL 'O':

- 1 DEDICATED 110V CIRCUIT FOR SOUND SYSTEM AMPLIFIER. REFER TO AV DRAWINGS FOR ADDITIONAL INFORMATION. EXTEND CIRCUIT TO SOUND SYSTEM EQUIPMENT AND MAKE FINAL CONNECTION. ARCHITECT DRAWINGS PRIOR TO ROUGH-IN. COORDINATE INSTALLATION AND EXACT LOCATION WITH AV SYSTEM INSTALLER.
- 2 ELECTRICAL DEVICE(S) FOR A/V EQUIPMENT. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT USED. COORDINATE EXACT HEIGHT AND MOUNTING LOCATION WITH A/V DRAWINGS PRIOR TO ROUGH-IN.
- 3 120V RECEPTACLE FOR PROJECTOR. VERIFY EXACT POWER REQUIREMENTS WITH EQUIPMENT MANUFACTURER. COORDINATE EXACT LOCATION WITH AV/TECHNOLOGY SYSTEM INSTALLER PRIOR TO INSTALLATION.
- 4 QUADRAPLEX RECEPTACLE ADJACENT TO DESK. COORDINATE EXACT LOCATION WITH ARCHITECT.
- 5 RECESSED FLOOR BOX WITH CARPET COVER AND TRIM. PROVIDE WITH (1) ONE QUADRAPLEX RECEPTACLE INSIDE. PROVIDE PROVISIONS FOR UP TO (4) DATA DROPS IN FLOORBOX. COORDINATE COLOR OF COVER AND CARPET TYPE WITH ARCHITECTURAL DRAWINGS. COORDINATE EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
- 6 (1) CONDUIT BELOW FLOOR FOR POWER, SIZE PER NEC AND (1) 1" CONDUIT FOR DATA. TURN CONDUIT UP IN WALL TO ABOVE CEILING.
- 7 RECEPTACLE FOR ICE MACHINE. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- 8 RECEPTACLE FOR MICROWAVE. VERIFY VOLTAGE AND PHASE OF EQUIPMENT TO BE USED. COORDINATE EXACT ROUGH-IN LOCATION WITH ARCHITECT.
- 9 RECEPTACLE UNDER COUNTER AT DISPOSAL THRU SWITCH ABOVE COUNTER. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 10 RECEPTACLE FOR COFFEE MAKER. VERIFY VOLTAGE AND PHASE OF EQUIPMENT TO BE USED.
- 11 RECEPTACLE UNDER COUNTER AT DISHWASHER. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 12 RECEPTACLE FOR REFRIGERATOR. VERIFY VOLTAGE AND PHASE OF EQUIPMENT TO BE USED.
- 13 120V RECEPTACLE FOR COPIER. PROVIDE PLUG PER MANUFACTURERS RECOMMENDATIONS. ELECTRICAL CONTRACTOR TO MAKE FINAL CONNECTION. COORDINATE EXACT LOCAL ON WITH ARCHITECT.
- 14 GFI RECEPTACLE FOR ELECTRIC WATER COOLER. MOUNT PER MANUFACTURER'S TEMPLATE.
- 15 PROVIDE 120V POWER FOR PRE-MANUFACTURED DISPLAY CASE. DISPLAY CASE TO BE CONTROLLED WITH ASSEMBLY COMMUNITY ROOM LIGHTS. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER. COORDINATE EXACT ROUGH-IN LOCATION WITH ARCHITECT.
- 16 RECEPTACLE FOR TV. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT USED.
- 17 PROVIDE 120V POWER, DISCONNECT, AND CONTROLS FOR OVERHEAD DOOR. VERIFY VOLTAGE AND PHASE OF DOOR MOTOR PRIOR TO INSTALL. CONTROLS SHALL BE MOUNTED NEAR DOOR OPENING AT 42" AFF. VERIFY EXACT LOCATION WITH ARCHITECT.
- 18 PROVIDE 120V/20A CONNECTION FOR ELECTRICAL DOOR HARDWARE.
- 19 PROVIDE 208V POWER FOR HEATING ELEMENT OF INDOOR UNIT OF SPLIT SYSTEM. COORDINATE WITH MECHANICAL DRAWINGS FOR HEATING ELEMENTS WITH MULTIPLE CIRCUITS.
- 20 TRANSFORMER PRIMARY DISCONNECT SWITCH. PROVIDE 400A NEMA 3R RATED DISCONNECT SWITCH.

REFER TO TECHNOLOGY DRAWINGS FOR TECHNOLOGY DEVICE LOCATIONS, ADDITIONAL RACEWAY REQUIREMENTS, AUDIO/VISUAL EQUIPMENT AND ADDITIONAL INFORMATION.

MIDLOTHIAN ISD  
STADIUM ADDITIONS AND  
RENOVATIONS  
1800 S 14 ST. MIDLOTHIAN, TX 76065

CLIENT CONTACT  
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OWP PROJECT NO. DATE OF ISSUE

2021-154-00 10.07.2021

REVISIONS	DELTA	DESCRIPTION	DATE
1	ADDENDUM 02		10/18/2021

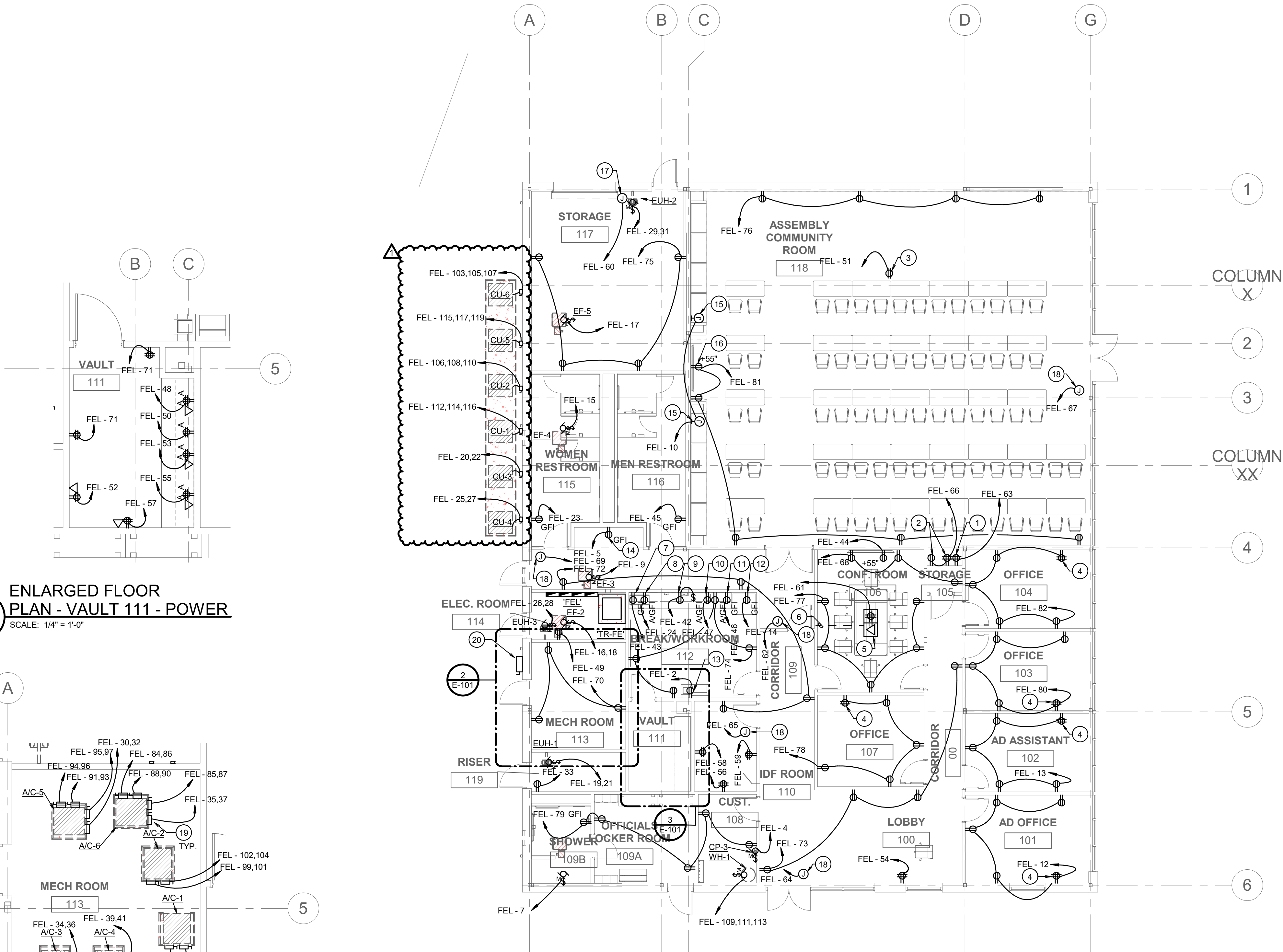
PROJECT TEAM DRAWN BY  
ED TEXAS CI

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FLOOR PLAN - LEVEL 1 -  
ATHECTIC OFFICE - POWER

SHEET NO.

E-101

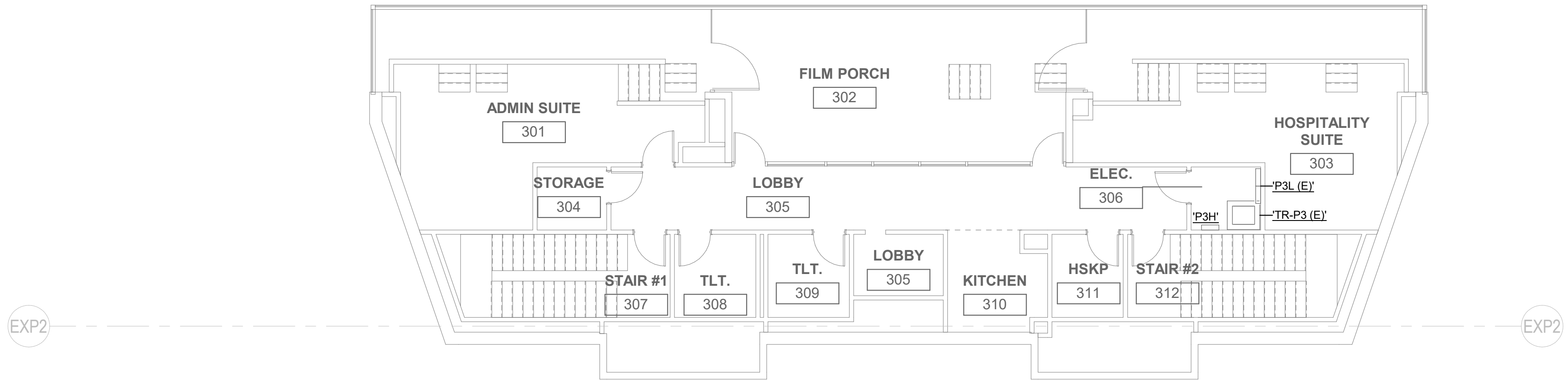


ENLARGED FLOOR  
PLAN - VAULT 111 - POWER  
SCALE: 1/4" = 1'-0"

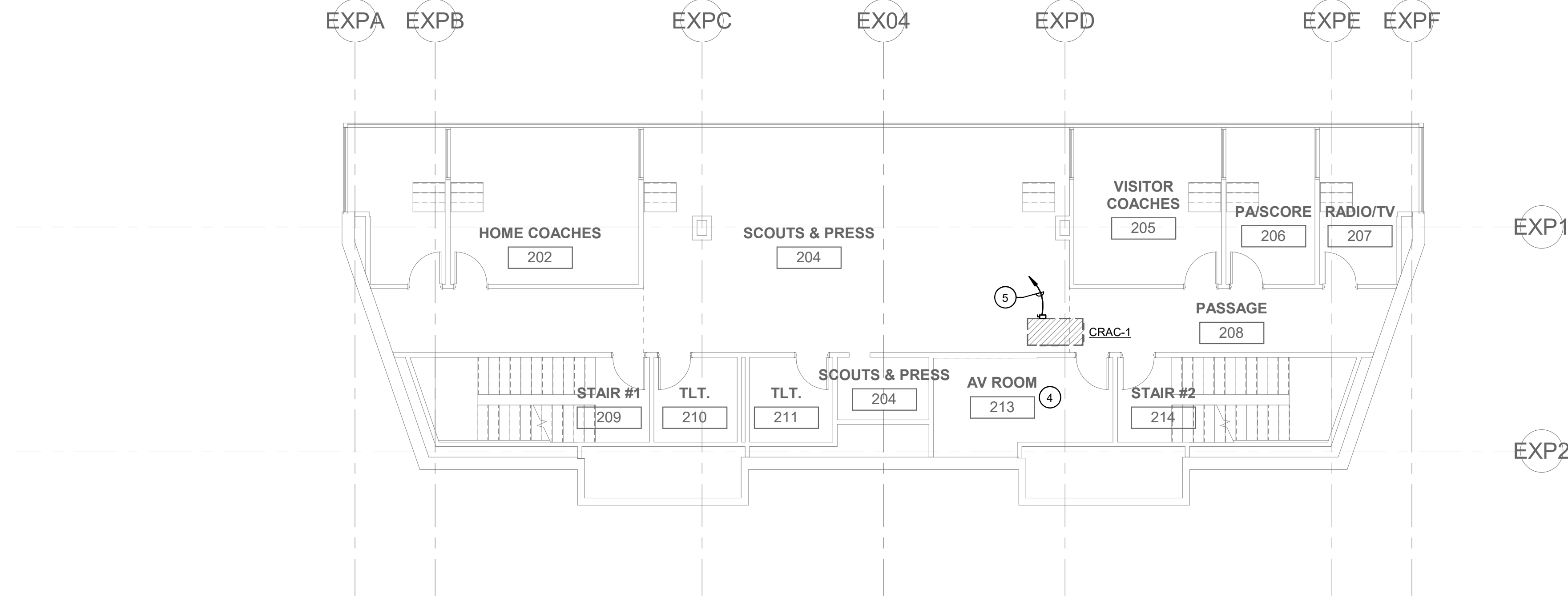
ENLARGED FLOOR PLAN -  
MECH ROOM 113 - POWER  
SCALE: 1/4" = 1'-0"

FLOOR PLAN - LEVEL 1 - ATHECTIC OFFICE - POWER  
SCALE: 1/8" = 1'-0"

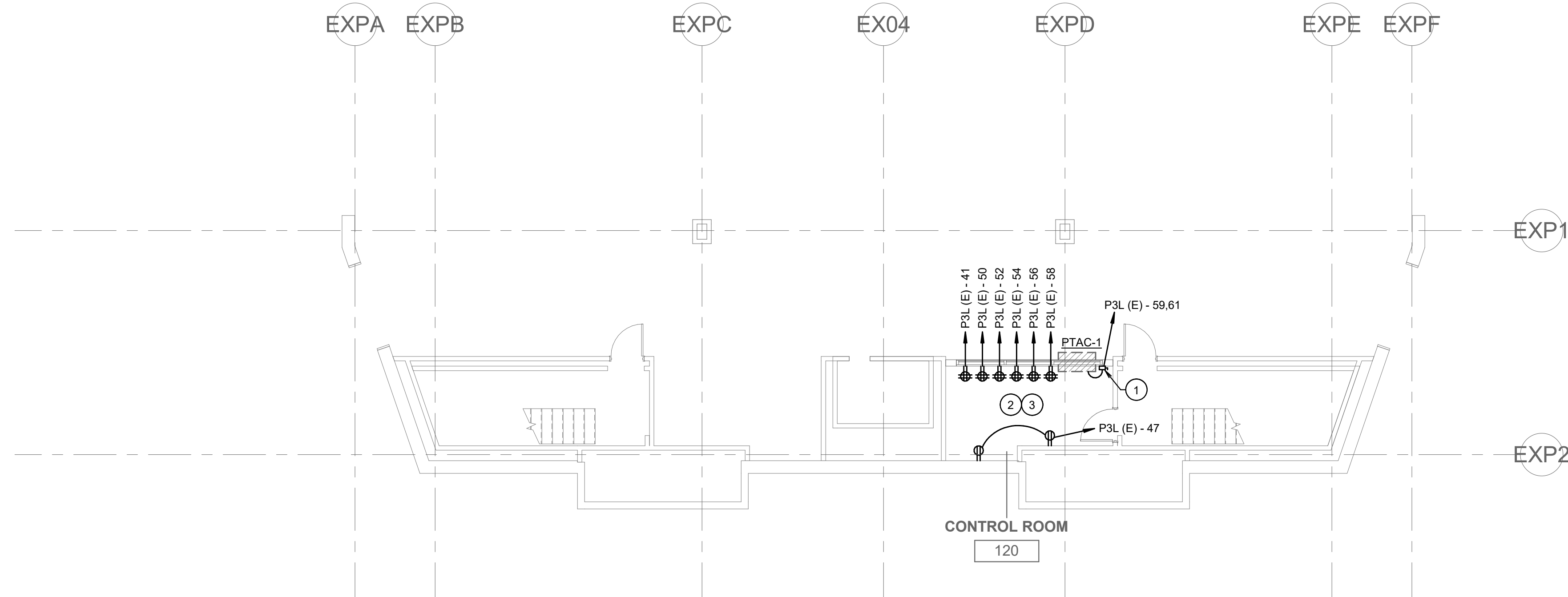




PLAN NORTH TRUE NORTH  
1 FLOOR PLAN - UPPER LEVEL - PRESS BOX - POWER  
SCALE: 1/8" = 1'-0"



PLAN NORTH TRUE NORTH  
2 FLOOR PLAN - LOWER LEVEL - PRESS BOX - POWER  
SCALE: 1/8" = 1'-0"



PLAN NORTH TRUE NORTH  
3 FLOOR PLAN - LOWER LEVEL - PRESS BOX - POWER  
SCALE: 1/8" = 1'-0"

#### NOTES BY SYMBOL 'O':

- 1 PROVIDE 208V/1PH POWER AND 30A/2P/NF DISCONNECT SWITCH FOR PACKAGE TERMINAL AIR CONDITIONER (PTAC). REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION. COORDINATE ALL ELECTRICAL REQUIREMENTS WITH MECHANICAL CONTRACTOR AND EQUIPMENT PROVIDER.
- 2 COORDINATE EXACT ELECTRICAL DEVICE LOCATIONS FOR ALL NEW DEVICES IN THIS ROOM WITH NEW CONTROL ROOM EQUIPMENT TO BE PROVIDED PRIOR TO ROUGH-IN.
- 3 FOR ALL NEW CIRCUITS TO THIS ROOM, ELECTRICAL CONTRACTOR SHALL PROVIDE SHOP DRAWINGS PROPOSING ELECTRICAL CONDUIT ROUTING FROM THIS ROOM TO EXISTING ELECTRICAL ROOM ON THE UPPER PRESS BOX LEVEL. THESE SHOP DRAWINGS SHALL BE SUBMITTED TO OWNER, ARCHITECT, AND ENGINEER FOR REVIEW. OWNER SHALL APPROVE CONDUIT ROUTING PRIOR TO ROUGH-IN.
- 4 DISCONNECT EXISTING ELECTRICAL CONNECTION TO EXISTING CRAC UNIT IN AV ROOM. PREPARE EXISTING ELECTRICAL FEEDER FOR EXTENSION TO NEW CRAC UNIT 'CRAC-1' IN NEW LOCATION.
- 5 EXTEND EXISTING ELECTRICAL FEEDER FROM EXISTING PANEL 'P3L' TO NEW CRAC UNIT. PROVIDE 30A/2P/NF DISCONNECT SWITCH AT UNIT.

## MIDLOTHIAN ISD STADIUM ADDITIONS AND RENOVATIONS 1800 S 14 ST. MIDLOTHIAN, TX 76065

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DELTA	DESCRIPTION	DATE
1	ADDENDUM 02	10/18/2021

PROJECT TEAM DRAWN BY  
ED TEXAS Author

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FLOOR PLAN - PRESS BOX -  
POWER

SHEET NO.  
E-103





MIDLOTHIAN ISD  
**STADIUM ADDITIONS AND  
RENOVATIONS**  
1800 S 14 ST. MIDLOTHIAN, TX 76065

CLIENT CONTACT  
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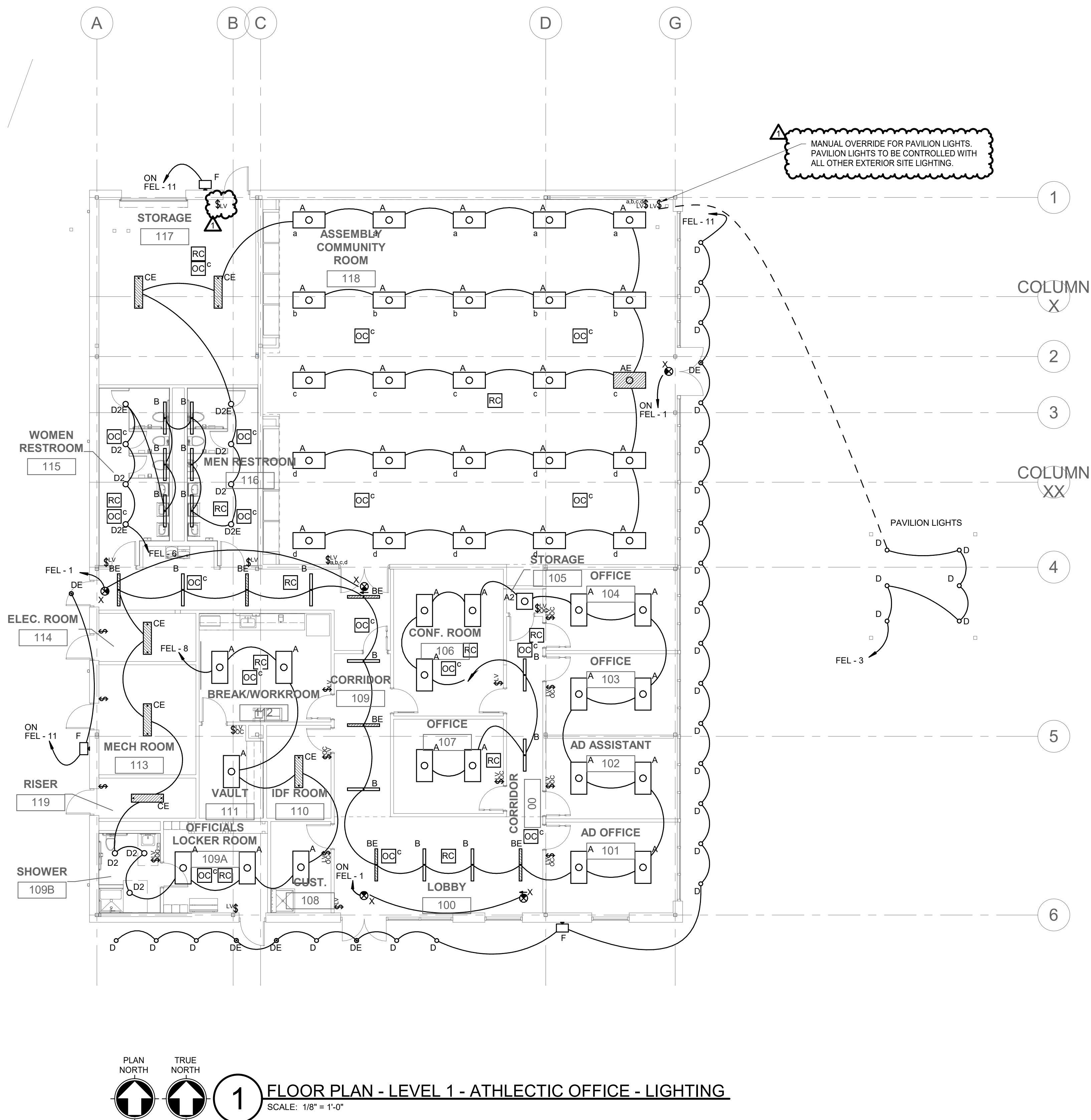
PROJECT TEAM  
ED TEXAS  
DRAWN BY  
Author

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FLOOR PLAN - LEVEL 1 -  
ATHLETIC OFFICE - LIGHTING

SHEET NO.

E-201







MIDLOTHIAN ISD  
STADIUM ADDITIONS AND  
RENOVATIONS  
1800 S 14 ST, MIDLOTHIAN, TX 76065

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<u>OWP PROJECT NO.</u>	<u>DATE OF ISSUE</u>
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PROJECT TEAM	DRAWN BY
ED TEXAS	Author

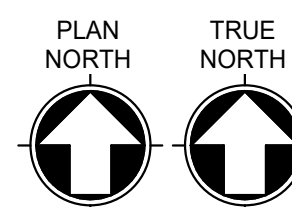
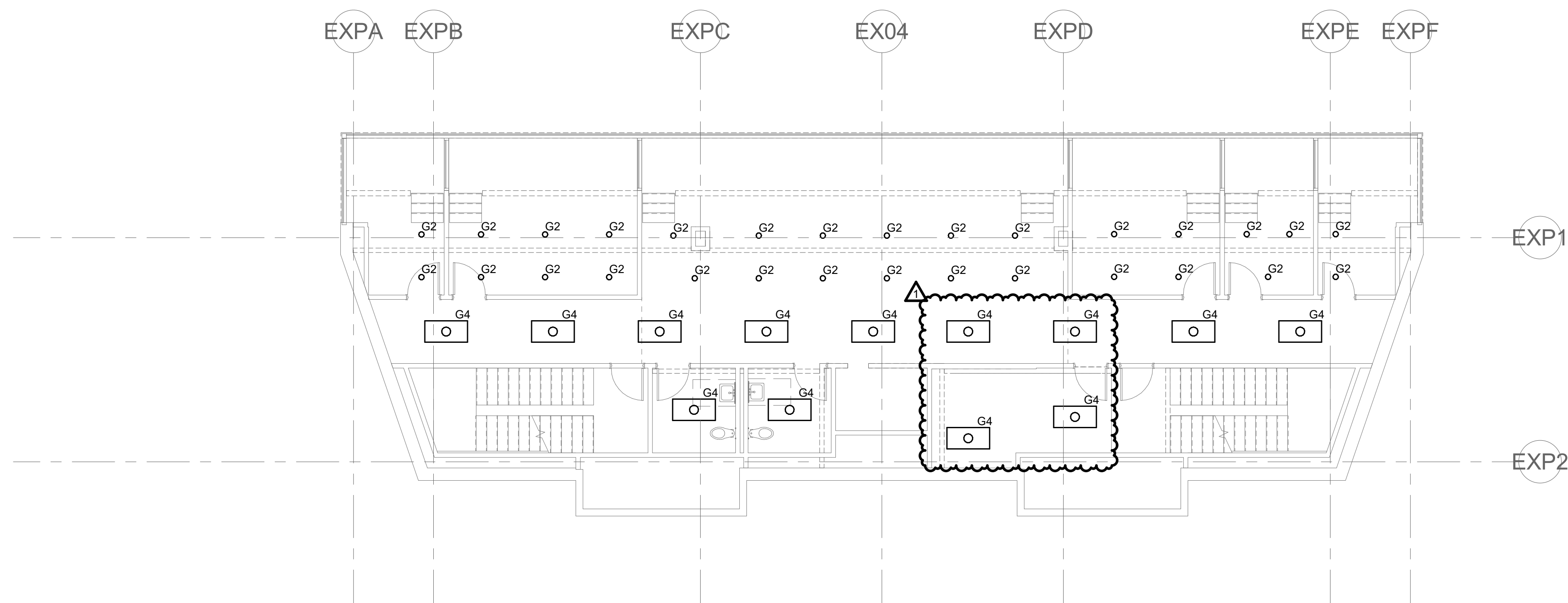
PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS

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FLOOR PLAN - LEVEL 3 - PRESS  
BOX - LIGHTING

SHEET NO.



**1 PRESS BOX LOWER LEVEL FLOOR PLAN - LIGHTING**  
SCALE: 1/8" = 1'-0"

**GENERAL NOTES:**

1. ALL LIGHTING ON THIS SHEET TO BE RELAMPED WITH NEW LED LAMPS.  
CONFIRM EXACT REQUIREMENTS TO RELAMP FIXTURES PRIOR TO ORDERING



PANEL: FEL																	
Location: ELEC. ROOM 114						Volts: 120/208 Wye						A.I.C. Rating: 22,000 A.I.C.					
Supply From: TR-FE						Phases: 3						Mains Type: MCB					
Mounting: SURFACE						Wires: 4						Mains Rating: 600.0 A					
Enclosure: NEMA 1						Sections: 4											
CKT	REM	Load Name	BKR	Poles	Wire Size	A	B	C	Wire Size	Poles	BKR	Load Name	REM	CKT			
3		EXIT SIGN LIGHTING	20	1	2 #12, #12G, 3/4" C	25	180		2 #12, #12G, 3/4" C	1	20	112 COPIER		2			
3		Lighting	20	1	2 #12, #12G, 3/4" C			126	2 #12, #12G, 3/4" C	1	20	CP-3		4			
5		109 WATERCOOLER	20	1	2 #12, #12G, 3/4" C				2 #12, #12G, 3/4" C	1	20	Lighting		6			
7		EF-1	20	1	2 #12, #12G, 3/4" C	696	731		2 #12, #12G, 3/4" C	1	20	Lighting		8			
9		EF-3	20	1	2 #12, #12G, 3/4" C			696	2 #12, #12G, 3/4" C	1	20	TROPHY CASE		10			
11		Lighting	20	1	2 #12, #12G, 3/4" C				2 #12, #12G, 3/4" C	1	20	101 QUAD RCPT		12			
13		102 QUAD RCPT	20	1	2 #12, #12G, 3/4" C	1080	180		2 #12, #12G, 3/4" C	1	20	REFRIGERATOR		14			
15		EF-4	20	1	2 #12, #12G, 3/4" C			1176	2 #12, #12G, 3/4" C	2	20	EF-2		16			
17		EF-5	20	1	2 #12, #12G, 3/4" C				2 #12, #12G, 3/4" C	2	20	EF-2		18			
21		EUH-1	20	2	2 #12, #12G, 3/4" C	1000	1394		2 #12, #12G, 3/4" C	2	20	CU-3		20			
23		W RRR 115 RCPT	20	1	2 #12, #12G, 3/4" C			1000	2 #12, #12G, 3/4" C	2	20	MICROWAVE		22			
25		CU-4	20	2	2 #12, #12G, 3/4" C	1394	2500		2 #12, #12G, 3/4" C	2	20	EUH-3		24			
27		Motor STORAGE 117	20	2	2 #12, #12G, 3/4" C			1394	2 #12, #12G, 3/4" C	2	20	EUH-3		26			
31		CU-4	20	2	2 #12, #12G, 3/4" C			3000	2 #6, #10G, 3/4" C	2	50	AC5 - HEAT 1		30			
33		RISER 119 RCPT	20	1	2 #12, #12G, 3/4" C	3000	4160		2 #6, #10G, 3/4" C	2	50	AC-3		32			
35		AC6 - HEAT 1	40	2	2 #6, #10G, 3/4" C	4160	5200		2 #6, #10G, 3/4" C	2	50	AC-3		34			
37		AC-4	50	2	2 #6, #10G, 3/4" C	4160	5200		2 #4, #10G, 3/4" C	2	60	AC1 HEAT 1		38			
39		AC-4	50	2	2 #6, #10G, 3/4" C			4888	2 #4, #10G, 3/4" C	2	60	AC1 HEAT 1		40			
43		ICE MAKER	20	1	2 #12, #12G, 3/4" C	180	180		2 #12, #12G, 3/4" C	1	20	CONF. 106 TV		42			
45		MRR 116 RCPT	20	1	2 #12, #12G, 3/4" C			180	2 #12, #12G, 3/4" C	1	20	DISHWASHER		44			
47		COFFEE MAKER	20	1	2 #12, #12G, 3/4" C			180	2 #12, #12G, 3/4" C	1	20	VAULT 111 RCPT		46			
49		114 ELEC RM RCPT	20	1	2 #12, #12G, 3/4" C	180	360		2 #12, #12G, 3/4" C	1	20	VAULT 111 RCPT		48			
51		118 - PROJECTOR	20	1	2 #12, #12G, 3/4" C			180	2 #12, #12G, 3/4" C	1	20	VAULT 111 RCPT		50			
53		VAULT 111 RCPT	20	1	2 #12, #12G, 3/4" C				2 #12, #12G, 3/4" C	1	20	LOBBY DESK QUAD		52			
55		VAULT 111 RCPT	20	1	2 #12, #12G, 3/4" C	360	360		2 #12, #12G, 3/4" C	1	20	IDF 110 RCPT		54			
57		VAULT 111 RCPT	20	1	2 #12, #12G, 3/4" C			360	2 #12, #12G, 3/4" C	1	20	IDF 110 RCPT		56			
59		IDF 110 RCPT	20	1	2 #12, #12G, 3/4" C				2 #12, #12G, 3/4" C	1	20	STORAGE 117 DOOR		58			
61		106 FLOOR RCPT	20	1	2 #12, #12G, 3/4" C	360	500		2 #12, #12G, 3/4" C	1	20	DOOR - INT. HALL...		60			
63		118 AV RACK	20	1	2 #12, #12G, 3/4" C			360	2 #12, #12G, 3/4" C	1	20	DOOR - LOBBY 100		62			
65		DOOR - IDF 110	20	1	2 #12, #12G, 3/4" C			360	2 #12, #12G, 3/4" C	1	20	118 AV RACK		64			
67		DOOR - ASSEMBLY	20	1	2 #12, #12G, 3/4" C	500	540		2 #12, #12G, 3/4" C	1	20	105 & 106 RCPTS		66			
69		DOOR - EXT. HALL	20	1	2 #12, #12G, 3/4" C			500	2 #12, #12G, 3/4" C	1	20	113 MECH RM...		68			
71		VAULT 111 RCPT	20	1	2 #12, #12G, 3/4" C			720	2 #12, #12G, 3/4" C	1	20	HALLWAY 109...		70			
73		LOBBY RCPTS	20	1	2 #12, #12G, 3/4" C	720	720		2 #12, #12G, 3/4" C	1	20	112 BREAKRM...		72			
75		STORAGE 117...	20	1	2 #12, #12G, 3/4" C			720	2 #12, #12G, 3/4" C	1	20	ASSEMBLY 118		74			
77		CONF. 106 RCPTS	20	1	2 #12, #12G, 3/4" C			900	2 #12, #12G, 3/4" C	1	20	OFFICE 107 RCPTS		76			
79		108 & 109 RCPTS	20	1	2 #12, #12G, 3/4" C	900	1080		2 #12, #12G, 3/4" C	1	20	103 QUAD RCPT		78			
81		118 RCPTS & TV	20	1	2 #12, #12G, 3/4" C			900	2 #12, #12G, 3/4" C	1	20	104 QUAD RCPT		80			
83	--	Spare	20	1	--				2 #6, #10G, 3/4" C	2	35	AC6 - HEAT 4		82			
85		AC6 - HEAT 2	35	2	2 #6, #10G, 3/4" C	3224	3224		2 #6, #10G, 3/4" C	2	35	AC6 - HEAT 4		84			
87	--	Spare	20	1	--			3224	2 #6, #10G, 3/4" C	2	35	AC6 - HEAT 3		86			
89	--	Spare	20	1	--				2 #6, #10G, 3/4" C	2	35	AC6 - HEAT 3		88			
91		AC5 - HEAT 3	35	2	2 #6, #10G, 3/4" C	3224	0		2 #6, #10G, 3/4" C	2	35	Spare	--	90			
93		AC5 - HEAT 3	35	2	2 #6, #10G, 3/4" C			3224	2 #6, #10G, 3/4" C	2	35	AC5 - HEAT 4		92			
95		AC5 - HEAT 3	35	2	2 #6, #10G, 3/4" C				2 #6, #10G, 3/4" C	2	35	AC5 - HEAT 4		94			
97		AC5 - HEAT 2	35	2	2 #6, #10G, 3/4" C	3224	5200		2 #6, #10G, 3/4" C	2	50	AC1 HEAT 2		96			
99		AC2 HEAT 1	60	2	2 #4, #10G, 3/4" C			5200	2 #6, #10G, 3/4" C	2	50	AC1 HEAT 2		98			
101		CU-6	35	3	3 #6, #10G, 3/4" C	0	5200		2 #6, #10G, 3/4" C	2	50	AC2 HEAT 2		100			
103		CU-6	35	3	3 #6, #10G, 3/4" C			0	2 #6, #10G, 3/4" C	2	50	AC2 HEAT 2		102			
105		CU-6	35	3	3 #6, #10G, 3/4" C			0	2 #6, #10G, 3/4" C	2	50	AC2 HEAT 2		104			
107		CU-6	35	3	3 #6, #10G, 3/4" C			0	2 #6, #10G, 3/4" C	2	50	AC2 HEAT 2		106			
109		WH-1	20	3	3 #12, #12G, 3/4" C	2000	1799		3 #10, #10G, 3/4" C	3	25	CU-2		108			
111		WH-1	20	3	3 #12, #12G, 3/4" C			2000	3 #10, #10G, 3/4" C	3	25	CU-2		110			
113		WH-1	20	3	3 #12, #12G, 3/4" C				3 #10, #10G, 3/4" C	3	25	CU-2		112			
115		CU-5	35	3	3 #6, #10G, 3/4" C	2639	2159		3 #10, #10G, 3/4" C	3	30	CU-1		114			
117		CU-5	35	3	3 #6, #10G, 3/4" C			2639	3 #10, #10G, 3/4" C	3	30	CU-1		116			
119	--	Spare	20	1	--			2639	3 #10, #10G, 3/4" C	3	30	CU-1		118			
121	--	Spare	20	1	--	0	0		3 #10, #10G, 3/4" C	3	30	CU-1		120			
123	--	Spare	20	1	--			0	3 #10, #10G, 3/4" C	3	30	CU-1		122			
125	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		124			
127	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		126			
129	--	Spare	20	1	--	0	0		3 #10, #10G, 3/4" C	3	30	CU-1		128			
131	--	Spare	20	1	--			0	3 #10, #10G, 3/4" C	3	30	CU-1		130			
133	--	Spare	20	1	--	0	0		3 #10, #10G, 3/4" C	3	30	CU-1		132			
135	--	Spare	20	1	--			0	3 #10, #10G, 3/4" C	3	30	CU-1		134			
137	--	Spare	20	1	--			0	3 #10, #10G, 3/4" C	3	30	CU-1		136			
139	--	Spare	20	1	--	0	0		3 #10, #10G, 3/4" C	3	30	CU-1		138			
141	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		140			
143	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		142			
145	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		144			
147	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		146			
149	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		148			
151	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		150			
153	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		152			
155	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		154			
157	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		156			
159	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		158			
161	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		160			
163	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		162			
165	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		164			
167	--	Spare	20	1	--				3 #10, #10G, 3/4" C	3	30	CU-1		166			
Total Load:						64,532 VA		64,329 VA									
Total Amps:						537.8 A		536.1 A									
Load Classification		Connected Load	Demand Factor	Estimated Demand		Panel Totals											
Lighting		2,104 VA	125.00%	2,630 VA													
Motor		24,395 VA	106.15%	25,895 VA		Total Conn. Load: 193,225 VA											
Receptacle		24,880 VA	70.10%	17,440 VA		Total Est. Demand: 189,790 VA											
HVAC		25,366 VA	107.80%	27,345 VA		Total Conn. Current: 536.3 A											
Heating Space		116,480 VA	100.00%	116,480 VA		Total Est. Demand Current: 526.8 A											
General Notes:																	
A. PROVIDE FEED-THROUGH LUGS FOR FUTURE EXPANSION.																	
B. PROVIDE FULL SIZED PHASE, NEUTRAL AND GROUND BUSSES.																	
Remarks:																	
1. PROVIDE GFCCI CIRCUIT BREAKER.																	
2. PROVIDE CIRCUIT BREAKER AND / OR FUSES PER EQUIPMENT MANUFACTURER'S SPECIFICATIONS.																	
3. BRANCH CIRCUIT SHALL BE 2 #12 & #12 GROUND IN 3/4" CONDUIT.																	
4. BRANCH CIRCUIT ROUTED THROUGH AND CONTROLLED BY SECONDARY CONTROLLER.																	
5. BRANCH CIRCUIT ROUTED THROUGH AND CONTROLLED BY UTILITY LAB CONTROLLER.																	