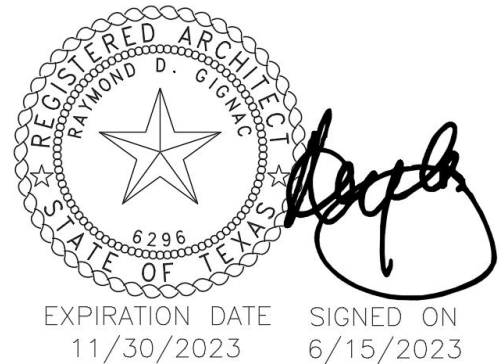


**ADDENDUM NUMBER TWO (2)
TO THE PLANS AND SPECIFICATIONS FOR:**

June 15, 2023

**City of Port Aransas
Public Safety Center
Port Aransas, Texas
Project No. 18.22**

**GIGNAC & ASSOCIATES
416 STARR STREET
CORPUS CHRISTI, TEXAS 78401
(361) 884-2661**



This addendum is generally separated into sections for convenience; however, all contractors, subcontractors, materialmen, and other parties shall be responsible for reading the entire addendum. The failure to list an item or items in all affected sections of this addendum does not relieve any party affected from performing as per instructions, provided that the information is set forth any time, any place in this addendum. These documents shall be attached to and become a part of the contract documents for this project.

BIDDER'S QUESTIONS:

Question 1 I'm bidding tiling and lvp for the PA pulic safety facility. Have looked at finish schedule, floor plan, and elevations. Forgive me if i'm missing it, but is there somewhere that shows where which tile (CT-1, CT-2, CT-3) goes where?
Examples: CT-3 is for floors, but which floors? CT-2 is for walls, but which walls? CT-1 is for shower floors, but in bathroom elevations also seems to be used on walls, and what color combos go where?

Response CT1 will be located at all restroom and shower floors scheduled for tile finish.
CT2 will be located at all walls scheduled for tile finish
CT3 will be located at C100 Kitchen.
Note: Refer to this addendum for additional updated information on tile specifications.
Refer to Specification Section 09 30 00, page 2, Section 2.2 TILE PRODUCTS
At CT-1:
2.2.A.1 Delete the term "patterned".
At 2.2.A.3 Delete "1 inch by 1 inch" and insert "2 inch by 2 inch"
At 2.2.A.4a and b Delete the color selections indicated and insert "2 color pattern to be selected from full product range"
At CT-2:
At 2.2.A.7 Delete the color indicated and insert "3 color pattern to be selected from full product range"
At CT-3
At 2.2.B.1 Delete "Slipstream" and insert "Cross-Color Mingles with Cross-Tread surface"
At 2.2.B.2 Delete the size indicated and insert "8 inch by 8 inch"
At 2.2.B.8 Delete the color indicated and insert "to be selected from full product range"

Question 2 Can we submit the SOV and sub list after we turn in our lump sum proposal?

Response The schedule of values & sub contractor list is to be submitted no later than 2:00 p.m. CST June 22, 2023 as stated in the Bid Form.

- Question 3** Can you clarify all permitting fees will be waived?
- Response** There will be no permit fees or impact fees required to be paid by the contractor.
- Question 4** Who is responsible for commissioning fees?
- Response** Owner is responsible for commissioning fees under a separate contract.
- Question 5** Can you clarify windstorm inspections and certifications costs will not be by GC?
- Response** Windstorm inspection will be performed by the design team and certification costs will not be the responsibility of the contractor.
- Question 6** Can you revise demolition sheet AD-100 to the correct scope?
- Response** Sheet AD-100 has been revised to indicate that the previous police station facility has been removed and the site is clear.
- Question 7** There is an elevation of a sliding gate on AS-107, but all gates appear to be swing gates. Can you clarify?
- Response** Sheet AS-107 has been revised. The sliding gate has been removed & replaced with a double swing gate. All site gates are either single or double swing gates, refer to revised site plan.
- Question 8** Detail 1 AS105 refers to spec for pair of steel gates, however no spec is provided, please provide spec.
- Response** A specification for the alum gates will be provided in the next addenda.
- Question 9** There are (2) keypads called out on AS101 indicating gates to be automated, however 32 31 13 includes no specification for operators or controls. Are the gates automated? If so, please provide make and model of all controls. Also please clarify who is responsible for card readers.
- Response** Gate #1 & gate #4 are automated & controlled by gate access keypad. A specification for the operators & controls will be provided in the next addenda.
- Question 10** Please clarify which gates are to include panic hardware, and please provide make/model of all panic hardware to be included with exterior gates.
- Response** The only gate that needs panic hardware is gate #2. However, all gates will need gate hardware. The gate hardware will be specified by gate number in the next addenda.
- Question 11** Site plan states privacy slats and to see 3 AS107. No slats are shown. Please clarify.
- Response** Detail 1 / AS-104 indicates the only chain link fence that shall have privacy slats. Privacy slats are not shown for clarity on 3 / AS-107 & 3 / AS-108 but shall be provided as indicated on 1 / AS-104.
- Question 12** AHU has a main trunk line rectangular duct 14"x12". From there is 1-16" Round duct and 1-20" round duct. Can you clarify if this is correct?
- Response** Refer to included response from MS2.

- Question 13** Can you provide a baseplate schedule?
- Response** Refer to included response from Green, Rubiano.
- Question 14** Is general note 7 on AD100 necessary? If so, please provide details and locations.
- Response** Note # 7 has been deleted.
- Question 15** Can you clarify if B117 is the only area with access flooring?
- Response** Dispatch B117 is the only area with access flooring. Rooms Admin B115, Storage B116, Break Room B128 & Unisex Toilet B127 shall have a raised concrete floor. Refer to structural for more information.
- Question 16** Dispatch B117 is calling for stained concrete. Can you clarify if this is necessary?
- Response** Dispatch B117 shall have sealed concrete. Room finish schedule has been revised.
- Question 17** Are we to paint all exposed concrete decks?
- Response** All exposed / underside concrete finish is called out on all reflected ceiling plan sheets as part of this addenda.
- Question 18** Kitchen equipment schedule quantities does not match with the floor plan. Can you clarify the quantities we are to include?
- Response** Revised kitchen equipment schedule has been revised & included within this addenda.
- Question 19** Are we to include insulation above all ceilings?
- Response** No insulation above lay-in or gyp board ceiling is required.
- Question 20** Can you clarify door type D for C105?
- Response** C105 has been changed to a "FL" door type.
- Question 21** Are we to supply the mobile cart with solid surface top? Can you provide a specification?
- Response** Mobile cart shall be provided as indicated on A-120. A specification for the solid surface top will be provided in the next addenda.
- Question 22** Can you provide a specification for the security benches at detox?
- Response** Cuff benches (Mfr. / Model) have been added to the contract documents.
- Question 23** Can you provide a specification for the kitchen equipment?
- Response** A specification for the kitchen equipment will be provided in the next addenda.
- Question 24** Are we to provide and install the motorized screen and projector? Can you provide a specification?

Response Motorized screen shall be part of the contract and be installed, refer 2/A407. A specification for the motorized screen will be provided in the next addenda.

Question 25 Can you provide a specification for the building attached awning sunshades?

Response A specification for the awning sunshades will be provided in the next addenda.

Question 26 Can you clarify we are not responsible for supplying or installing brackets or monitors for Dispatch B117 and Chief B105.

Response Brackets & monitors shall not be part of the project. The owner shall provide & install all brackets & monitors. Contractor is responsible for installing adequate blocking in walls to support brackets & monitors. Contractor to coordinate with owner for locations & sizes of monitors.

Question 27 Spec 08 11 13.9- Severe Storm Hollow Metal. In this spec it calls for tornado & Hurricane, please note these 2 are totally different. Which one will be used for this project?

Response Hurricane shall be used.

Question 28 Can we cross reference the hardware to meet these requirements for windstorm. "BEST" hardware is not an tested assembly for hollow metal.

Response Coordinate hardware with hollow metal door supplier to ensure the package complies with TDI requirements.

Question 29 Please provide Laminate colors for Countertops and Cabinet Exteriors

Response Colors will be provided in the next addenda.

Question 30 Spec Section 06 41 17, 2.2, B. only provides for MDF and particleboard, which are to have a high recycled content, but the cabinet sections on sheet A-120 are calling for plywood cores.

Response A specification for the wood materials will be provided in the next addenda.

Question 31 I cannot locate the Neches county wage scale please supply a current copy of the wage scale or a link to the documents.

Response Nueces County wage scale shall be provided in the next addenda.

Question 32 Interior elevations on A-116 show lockers. Please provide a specification.

Response A specification for lockers will be provided in the next addenda.

Question 33 Interior elevations on A-114 show a 6' markerboard. Please provide a specification.

Response A specification for markerboards will be provided in the next addenda.

Question 34 Wall sections on A-319 show a dumbwaiter. Please provide a specification.

Response A specification for dumbwaiter will be provided in the next addenda.

Question 35 Interior elevations on A-118 show security benches. Please confirm this is by owner or provide a specification.

Response Security benches are part of this contract.
A specification for security bench will be provided in the next addenda.

Question 36 Millwork details on A-120 show a mobile cart section. Please identify where this is located and specify if it is by owner or contractor.

Response Mobile cart is part of the contract and is shown on 5/A107.

Question 37 Specifications for framed fabric structure show dimensions that do not match what is shown on the plans. Which dimension is correct?

Response Shade structure sizes were clarified as part of addenda #1. Refer to plans for sizes as there are two different shade structures. Size / shape in the specifications shall be omitted (refer to plan).

Question 38 Framed fabric structure installers are concerned with the design of the alternate large shade.

- a. They are saying that it cannot be a "hip end" structure as one shade. The only way to make this work would be to combine multi-dome hip shades that will require substantial footings. See attached.
- b. Framed fabric installers are also saying that covered parking is typically built as a cantilever system with posts in the middle rather than hip end.

Response Shade structure configuration can be multiple hip structures to achieve the design intent but must be submitted for approval. Footings shall be provided as required. Framing for shade structures as shown have been provided at several areas of the state recently for other projects.

Question 39 Plans show card readers but there is no access control specification. Please confirm this is by owner or provide a specification.

Response Card readers / access control shall be a part of the contract.
A specification for the access controls will be provided in the next addenda.

Question 40 There is a specification 08 14 16 for flush wood doors – wood veneer, but there are no wood doors listed on the door schedule. Please confirm that there are no wood doors for this project.

Response There are no wood doors on this project. Delete specification section 08 14 16 flush wood doors.

Question 41 Please confirm if permit and commissioning are by owner or contractor.

Response There will be no permit fees or impact fees required to be paid by the contractor. Owner is responsible for commissioning fees under a separate contract.

Question 42 Will questions and answers from all contractors be released as an addendum?

Response Yes included within this addenda.

Question 43 Please provide pre-bid conference sign in sheet.

Response Included within this addenda.

CLARIFICATION ITEMS:

Item C-1 Construction Hours Ordinance

1. Ordinance Sec. 10-57 Construction allowed 6:00 am – 7:00 pm, Monday through Saturday, and 8:00 am through 5:00 pm on Sunday.
2. Special work hours allowance for concrete pours, by Administration approval only

Item C-2 F Reveal Molding

1. Finish / color shall be selected by architect from a full range of colors.

SPECIFICATION ITEMS:

Item S-1 Section 033619 Penetrating Reactive Concrete Stain

1. Specification section shall be added and become part of the contract documents.

Item S-2 Section 081416 Flush Wood Doors

1. Specification section shall be deleted from the contract documents.

Item S-3 Section 096519.23 Solid Vinyl Tile Flooring (LVT)

1. Specification section shall be added and become part of the contract documents.

Item S-4 Section 042200.16 Pre-faced Concrete Unit Masonry

1. Specification section shall be added and become part of the contract documents.

PLAN ITEMS:

Item P-1 Sheet G-001

1. Delete this sheet in its entirety and replace with sheet G-001, included within this addendum.
2. Sheet CA-100 added.
3. Sheet A-700 added.

Item P-2 Sheet CA-100

1. Sheet CA-100, included within this addendum shall become a part of the contract documents.
2. Sheet CA-100 added.

Item P-3 Sheet AD-100

Delete this sheet in its entirety and replace with sheet AD-100, included within this addendum.
Phase 2 area denoted.

Item P-4 Sheet AS-101

1. Delete this sheet in its entirety and replace with sheet AS-101, included within this addendum.
2. Phase 2 area denoted.
3. Gate designation added.
4. Generator screen wall modification.

Item P-5 Sheet AS-103

1. Delete this sheet in its entirety and replace with sheet AS-103, included within this addendum.
2. ADA ramp revision.
3. Gate designation added.

Item P-6 Sheet AS-104

1. Delete this sheet in its entirety and replace with sheet AS-104, included within this addendum.
2. Detail revision.

Item P-7 Sheet AS-105

1. Delete this sheet in its entirety and replace with sheet AS-105, included within this addendum.
2. All references to steel swing gates, bar grating & cane bolts have been removed.
3. Gate designation added.
4. Generator screen enclosure length has been revised.

Item P-8 Sheet AS-106

1. Delete this sheet in its entirety and replace with sheet AS-106, included within this addendum.
2. ADA ramp revision.

Item P-9 Sheet AS-107

1. Delete this sheet in its entirety and replace with sheet AS-107, included within this addendum.
2. Sliding gate has been replaced with double swing vehicular gates.
3. All references to steel cane bolts have been removed.

Item P-10 Sheet AS-108

1. Delete this sheet in its entirety and replace with sheet AS-108, included within this addendum.
2. Pier & foundations for shade structure note has been added.
3. Pedestal detail has been added.

Item P-11 Sheet A-102

1. Delete this sheet in its entirety and replace with sheet A-102, included within this addendum.
2. Wall types were revised for Corridor A106.
3. Door type A114A has been revised.
4. Stairs have been revised.

Item P-12 Sheet A-103

1. Delete this sheet in its entirety and replace with sheet A-103, included within this addendum.
2. Wall types were revised for Lobby B101.
3. Stairs have been revised.
4. Dispatch B117 & Unisex Toilet B127 doors have been relocated along with extent of access floor.

Item P-13 Sheet A-104

1. Delete this sheet in its entirety and replace with sheet A-104, included within this addendum.
2. Interior elevation has been added.

Item P-14 Sheet A-106

1. Delete this sheet in its entirety and replace with sheet A-106, included within this addendum.
2. Wall types have been revised.
3. Laundry B125 appliances have been revised & millwork added.

Item P-15 Sheet A-107

1. Delete this sheet in its entirety and replace with sheet A-107, included within this addendum.
2. Kitchen equipment schedule has been revised.
3. Security benches have been revised.
4. Stairs have been revised.
5. Security bunk beds have been revised.
6. Bullet resistant panels have been added.

Item P-16 Sheet A-108

1. Delete this sheet in its entirety and replace with sheet A-108, included within this addendum.
2. Portable judicial bar has been revised.

Item P-17 Sheet A-109

1. Delete this sheet in its entirety and replace with sheet A-109, included within this addendum.
2. Room schedule remarks have been revised.
3. Dispatch B117 & Lobby A113 floor have been revised.
4. Remarks have been revised.

Item P-18 Sheet A-110

1. Delete this sheet in its entirety and replace with sheet A-110, included within this addendum.
2. Glazing schedule has been revised.
3. Door C105 has been revised.
4. Remarks have been revised.
5. Door A114A has been revised.
6. Door elevation has been revised.
7. Door frames have been revised.

Item P-19 Sheet A-111

1. Delete this sheet in its entirety and replace with sheet A-111, included within this addendum.
2. Glazing schedule has been revised.
3. Remarks have been revised.
4. Glazing type on window elevation has been revised.

Item P-20 Sheet A-112

1. Delete this sheet in its entirety and replace with sheet A-112, included within this addendum.
2. Acoustical wall panels have been added.
3. Judicial bar elevation & detail have been added.

Item P-21 Sheet A-113

1. Delete this sheet in its entirety and replace with sheet A-113, included within this addendum.
2. Added reference note.

Item P-22 Sheet A-114

1. Delete this sheet in its entirety and replace with sheet A-114, included within this addendum.
2. Acoustical wall panels have been added.

Item P-23 Sheet A-115

1. Delete this sheet in its entirety and replace with sheet A-115, included within this addendum.
2. Mounting dimension for mop holder added.

Item P-24 Sheet A-116

1. Delete this sheet in its entirety and replace with sheet A-116, included within this addendum.
2. Wall type at lavatories has been revised.
3. Shower header height has been revised.
4. Millwork added in Laundry B125.

Item P-25 Sheet A-117

1. Delete this sheet in its entirety and replace with sheet A-117, included within this addendum.
2. Wall type at lavatories has been revised.
3. Shower header height has been revised.
4. Security bench manufacturer & model have been added.

Item P-26 Sheet A-118

1. Delete this sheet in its entirety and replace with sheet A-118, included within this addendum.
2. Security bench manufacturer & model have been added.

Item P-27 Sheet A-119

1. Delete this sheet in its entirety and replace with sheet A-119, included within this addendum.
2. Kitchen equipment schedule has been revised.

Item P-28 Sheet A-120

1. Delete this sheet in its entirety and replace with sheet A-120, included within this addendum.
2. Dimensions & notes have been revised.

Item P-29 Sheet A-123

1. Delete this sheet in its entirety and replace with sheet A-123, included within this addendum.
2. Kitchen equipment schedule has been revised.
3. Kitchen equipment designations have been added.

Item P-30 Sheet A-201

1. Delete this sheet in its entirety and replace with sheet A-201, included within this addendum.
2. Revised dimensional letter signage.

Item P-31 Sheet A-301

1. Delete this sheet in its entirety and replace with sheet A-301, included within this addendum.
2. Added partition types.

Item P-32 Sheet A-302

1. Delete this sheet in its entirety and replace with sheet A-302, included within this addendum.
2. Added partition types.

Item P-33 Sheet A-309

1. Delete this sheet in its entirety and replace with sheet A-309, included within this addendum.
2. Revised wall section.

Item P-34 Sheet A-310

1. Delete this sheet in its entirety and replace with sheet A-310, included within this addendum.
2. Revised wall section.

Item P-35 Sheet A-311

1. Delete this sheet in its entirety and replace with sheet A-311, included within this addendum.
2. Revised wall section.

Item P-36 Sheet A-316

1. Delete this sheet in its entirety and replace with sheet A-316, included within this addendum.
2. Revised wall section.

Item P-37 Sheet A-317

1. Delete this sheet in its entirety and replace with sheet A-317, included within this addendum.
2. Revised wall section.

Item P-38 Sheet A-318

1. Delete this sheet in its entirety and replace with sheet A-318, included within this addendum.
2. Revised wall section.

Item P-39 Sheet A-404

1. Delete this sheet in its entirety and replace with sheet A-404, included within this addendum.
2. Revised ceiling legend.

Item P-40 Sheet A-405

1. Delete this sheet in its entirety and replace with sheet A-405, included within this addendum.
2. Revised ceiling legend.
3. Revised ceiling in Court A108.
4. Added ceiling detail.

Item P-41 Sheet A-406

1. Delete this sheet in its entirety and replace with sheet A-406, included within this addendum.
2. Revised ceiling legend.
3. Revised ceiling in Lobby B101.

Item P-42 Sheet A-407

1. Delete this sheet in its entirety and replace with sheet A-407, included within this addendum.
2. Revised ceiling legend.
3. Revised ceiling heights.

Item P-43 Sheet A-502

1. Delete this sheet in its entirety and replace with sheet A-502, included within this addendum.
2. Revised window details.

END OF ADDENDUM

June 14, 2023

Mr. Nick Gignac, Associate AIA
Gignac Architects
416 Starr
Corpus Christi, Texas 78401

Subject: Addendum #2 - City of Port Aransas Public Safety Building, Port Aransas, Texas

Dear Mr. Gignac:

The following plan and specification changes are included in the Civil portion of Addendum #2 for the City of Port Aransas Public Safety Building project:

1. Civil Construction Plans

Sheet CE2.00 – Paving and Grading Plan:

- a) Revised grades of the revised ADA ramp and landing area on the north side of the building facing Avenue A.
- b) Revised grades of the drop off area on the south side of the building.
- c) Revised grades on the east side of the building and around the trash bin area.

2. Civil Specifications

Specification 03 30 02 Normal Weight Aggregate Concrete:

- a) Concrete shall be allowed to be held up to 90 minutes (in lieu of the previously stated 1 hour) in a mixer truck before pouring. No formal revised specification provided the Addendum should suffice.

Sincerely,

URBAN ENGINEERING



Stephen P. Grunewald, P.E

**CITY OF PORT ARANSAS – PUBLIC SAFETY CENTER
ADDENDUM NO. 2**

I. ISSUED DRAWINGS

The following 30" x 42" drawings included in Addendum No. 2 shall be considered part of the Bid-set.

II. PLANS

1. L-1.0 Irrigation Plan - Revised

June 15, 2023

Port Aransas Public Safety Center Project Structural Narrative – Scope of Work Changes (Addendum #2)

The project includes a single-story public safety center building, with a 2nd floor mezzanine area. Additionally, the project includes two tower entry features, a sally port and pergola structure, a generator/dumpster structure, and a ramp access way. Listed below are the structural scope of work changes for the Port Aransas Public Safety Center, that will be submitted in the signed and sealed construction set of drawings for **Addendum #2, on June 15, 2023:**

1. The foundation notes regarding the compaction requirements for the subgrade and select fill material are updated to reflect the requirements in the issued supplemental letter for a slab-on-grade. These changes are first addressed and clouded on sheet S1.1 within the structural set of drawings.
2. The primary ramp access that leads to the high tower entry feature at the front entrance is shortened. These changes are first addressed and clouded on sheet S2.0 within the structural set of drawings.
3. The secondary access way that led from the front entrance to the plan west entrance at the low tower feature is eliminated from the scope of work. These changes are first addressed and clouded on sheet S2.0 within the structural set of drawings.
4. The drilled pier profile was updated to reflect the changes to the perimeter grade beam depths, which were modified to reflect final civil grading. Drilled pier sizes were changed to address updated structural loadings, along with the addition of pier caps at the sally port structure. These changes are first addressed and clouded on sheet S2.1P within the structural set of drawings.
5. Multiple detail cuts were reorganized to depict updated interior and perimeter foundation conditions. The grade beam orientation was updated to reflect the changes to the primary ramp access. These changes are first addressed and clouded on sheet S2.1 within the structural set of drawings.
6. The addition of the Public Safety Center sign support, located on the primary ramp on the plan north side of the building, is added to the structural scope. These changes are first addressed and clouded on sheet S2.1 within the structural set of drawings.
7. The perimeter grade beam depths are reduced from 72" to 36" to reflect final civil grading around the building. These changes are first addressed and clouded on sheet S2.2 within the structural set of drawings.
8. The CMU course types and locations at the bottom of interior and exterior walls are made to reflect the changes in the revised Architectural drawings. These changes are first addressed and clouded on sheet S2.2 within the structural set of drawings.
9. The foundation details for the primary ramp access have been updated to reflect the dimensional changes in the revised Architectural drawings and final civil gradings. Additionally, the typical foundation details for the light poles specified in the revised mechanical drawings were added. These changes are first addressed and clouded on sheet S2.3 within the structural set of drawings.

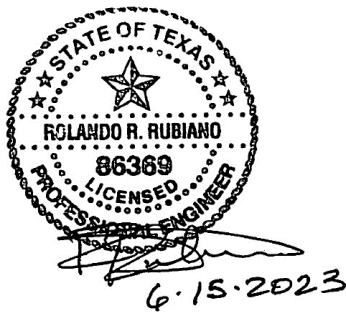
GREEN, RUBIANO & ASSOCIATES

Structural Engineers
Firm Registration #: F-4145

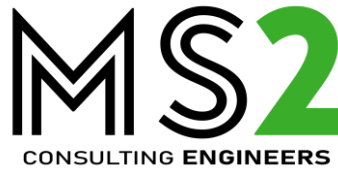
1220 West Harrison
Harlingen, Texas 78550
(956) 428-4461

10. Dimensional modifications to the enclosures at the dumpster/generator structure are made to reflect the changes in the revised Architectural drawings. These changes are first addressed and clouded on sheets S2.4 and S3.6 within the structural set of drawings.
11. The general layout of the mechanical units within the 2nd floor mezzanine area was updated to reflect the revised mechanical drawings. These changes are first addressed and clouded on sheet S3.1 within the structural drawings.
12. Roof framing updates to the 2nd floor mezzanine, along with the addition of lateral steel braces along the perimeter of the 2nd floor mezzanine area reflect updated structural loadings. These changes are first addressed and clouded on sheet S3.3 within the structural drawings.

The listed changes have been clouded and addressed in the construction set of drawings that will be issued for Addendum #2 deliverable.



Rolando R. Rubiano, P.E.
Senior Partner



ADDENDUM

ADDENDUM: 2
DATE: June 15, 2023
PROJECT: Port Aransas – Public Safety Center
PROJECT NO.: 32857.00

GENERAL:

Item 1. Sheet MEP-201: - MEP SITE PLAN
A) Relocate (2) light poles.
B) Update generator enclosure size.
C) Add conduit for internet service provider.

Item 2. Sheet MEP-202: - PHOTOMETRICS PLAN
A) Add sheet.

MECHANICAL:

Item 1. Sheet M-201: - MECHANICAL PLAN – AREA A
A) Adjusted duct elevations into Court A108.
B) Adjusted exhaust duct run from EF-1 to avoid Lobby area.

Item 2. Sheet M-202: - MECHANICAL PLAN – AREA B
A) Adjusted various duct elevations to ensure proper placement in ceiling space.
B) Adjusted ductwork in Laundry B125 & Armory.
C) Adjusted main duct sizing from AHU-3.
D) Moved diffusers in Lobby B101 to avoid decorative ceiling.

Item 3. Sheet M-203: - MECHANICAL PLAN – AREA C
A) Adjusted main duct sizing from AHU-3.

Item 4. Sheet M-301: - MECHANICAL MEZZANINE – AREA D
A) Adjusted various duct elevations to ensure proper placement in ceiling space.

Item 5. Sheet M-401: - MECHANICAL SCHEDULES
A) EF-3, EF-4, & EF-5 changed to 208V models.
B) Changed power requirements for all mini splits.

ELECTRICAL:

Item 1. Sheet E-201: - ELECTRICAL LIGHTING PLAN – AREA A
A) Adjust ramp lighting and back-lit sign.
B) Add switch to A105.
C) Adjust lighting in B101, B102, B125

- D) Add wall pack to north & south exterior wall.
 - E) Add ceiling occupancy sensors & vanity lights to B122 & B123.
 - F) Add light switch to B108.
 - G) Add AV outlets to TVs in A102.
- Item 2. Sheet E-202: - ELECTRICAL LIGHTING PLAN – AREA B
- A) Add light switch to C100.
 - B) Omit stray light switches in C117.
 - C) Expand view box.
 - D) Adjust light switch location in C104.
 - E) Add lighting relay/contacter panel to C115.
 - F) Add AV outlets to TVs in B115
 - G) Change B101 lighting due to ceiling change.
- Item 3. Sheet E-203: - ELECTRICAL LIGHTING PLAN – AREA C
- A) Revise lighting layout.
 - B) Add keyed note for lighting relay/contacter panel.
- Item 4. Sheet E-301: - ELECTRICAL POWER PLAN – AREA A
- A) Show updated ramp.
 - B) Add AV outlets to TV wall in A102.
 - C) Move TV wall outlets to callout 2/E302.
- Item 5. Sheet E-302: - ELECTRICAL POWER PLAN – AREA B
- A) Add AV outlets to TV wall in B117, B115, B105, & B106.
 - B) Move TV wall outlets to callout 2/E302.
- Item 6. Sheet E-303: - ELECTRICAL POWER PLAN – AREA C
- A) Mount transformer TLEM from ceiling above transformer TLA. See detail.
 - B) Expand view box.
 - C) Circuit receptacle on south wall of C117.
 - D) Add circuit for booster pump in C116.
 - E) Add AV outlets to C117, C103, B107, C101.
- Item 7. Sheet E-304: - ELECTRICAL POWER PLAN – MEZZANINE
- A) Add circuit tags for MSCU-03 & 04.
- Item 8. Sheet E-401: - ELECTRICAL ONE-LINE DIAGRAM
- A) Edit one line diagram.
- Item 9. Sheet E-501: - SCHEDULES & DETAILS
- A) Add details.
 - B) Add booster pump to equipment connection schedule.
 - C) Add vanity lights type L, M, & N to light fixture schedule.
 - D) Change type S5 fixture.
- Item 10. Sheet E-502: - PANEL SCHEDULES
- A) Update KAIC ratings.
 - B) Add breaker for booster pump.

C) Add breakers for SPDs.

Item 11.

Sheet FA-101: - FIRE ALARM PLAN – FIRST FLOOR

A) Provide additional knox box outside of fire riser room.

PLUMBING:

Item 1.

Sheet P-102 – PLUMBING UNDERFLOOR PLAN – AREA B:

A) Adjusted sanitary pipe in Laundry B125.

B) Added WCO in Laundry B125.

C) Removed trench sanitary drain.

D) Added keyed-note #6.

Item 2.

Sheet P-201 – PLUMBING PLAN – AREA A:

A) Added 3/4" condensate piping for MS-02.

Item 3.

Sheet P-202 – PLUMBING PLAN – AREA B:

A) Added Washing Box P-9 in Laundry B125.

B) Adjusted cold water and hot water piping in Laundry B125.

C) Adjusted vent piping in Laundry B125.

D) Added WCO in Laundry B125.

E) Moved hot water piping to be clear of Lobby B101 space.

END OF NARRATIVE

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SECTION 033619 - PENETRATING REACTIVE CONCRETE STAIN

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Water-based reactive stained concrete floor finish.
 - 2. Sealer.
- B. Related Sections:

Edit to suit Project requirements.

- 1. Section 033000 "Cast-In-Place Concrete" for general concrete applications.

1.2 REFERENCES

- A. ASTM International (ASTM):
 - 1. ASTM C 171: Standard Specification for Sheet Materials for Curing Concrete.
 - 2. ASTM C 309: Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete.
- B. International Concrete Repair Institute (ICRI):
 - 1. ICRI Technical Guidelines: Series 300 - Concrete, Designation 310 - Surface Preparation.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's technical data, including Safety Data Sheet (SDS) and installation instructions, for each product specified.
- B. Samples for Initial Selection: Manufacturer's color charts showing full range of colors available.
- C. Qualification Data: For manufacturer and Installer.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 10 years of documented experience producing the specified products.
- B. Installer Qualifications: Minimum 5 years of documented experience with work of similar scope and complexity required by this Project and acceptable to, or certified by, concrete stain manufacturer.
- C. Material Source Limitations: Obtain each specified material from the same source.
- D. Concrete Stain Mockups:
 - 1. Construct a 10 foot by 10 foot mockup at location selected by Architect.
 - 2. Provide individual mockups for each color required.
 - 3. Construct mockup using materials, processes, and techniques required for the work, including curing procedures. Incorporate representative control, construction, and expansion joints according to Project requirements. Installer for the work to construct mockup.
 - 4. Mockup to be stained and sealed by the Installer who will actually perform the work for the Project. Record the amount of chemical stain needed per square foot of application to establish coverage rates for the work.
 - 5. Notify Architect and Owner a minimum of seven calendar days in advance of the date scheduled for each mockup construction.
 - 6. Obtain the Architect's and Owner's acceptance of each mockup prior to commencement of the work.
 - 7. Each mockup to remain until completion of the work to serve as a quality control standard for the work. Provide suitable protections to preclude damage to mockup.
 - 8. Approved mockup may become part of the completed work if undisturbed at time of Substantial Completion.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products in original factory unopened, undamaged packaging bearing identification of product, manufacturer, batch number, and expiration date as applicable.
- B. Store products in a location protected from damage, construction activity, and adverse environmental conditions, and away from combustible materials and sources of heat, according to manufacturer's printed instructions and current recommendations.
- C. Handle products according to manufacturer's printed instructions.

1.6 PROJECT CONDITIONS

- A. Environmental Conditions: Maintain an ambient temperature between 50 deg F and 90 deg F during application and at least 48 hours after application. Do not proceed with exterior applications during rainy, foggy, or very humid weather.

1.7 PREINSTALLATION CONFERENCE

- A. Seven calendar days prior to scheduled date of installation, conduct a meeting at Project site to discuss requirements, including application methods. Attendees to include Architect, Owner, Contractor, Installer, and manufacturer's authorized field representative.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide Scofield, a Business Unit of Sika Corporation; Lithochrome Tintura. or comparable product by one of the following:
 - 1. Butterfield Color, Inc.
 - 2. H&C® Decorative Concrete Products; a brand of Sherwin-Williams Co.

2.2 MATERIALS

- A. Water-Based Reactive Chemical Concrete Stain: Penetrating reactive water-based staining product that chemically bonds to cured concrete or cementitious topping substrates to produce permanent translucent color effects. Less than 100 g/L VOC content.
 - 1. Product: "LITHOCHROME Tintura Stain, Sika Corporation."
 - 2. Color(s): As selected by Architect from manufacturer's full range of standard colors.
- B. Sealers:
 - 1. SCOFIELD® Selectseal Plus™, Sika Corporation

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions under which the concrete stain work will be performed and identify conditions detrimental to the proper and timely completion of the work. Do not proceed until unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. New Concrete: Comply with the following:
 - 1. Newly placed concrete to sufficiently cure for concrete to become reactive. Minimum cure time is 28 days.
 - 2. Do not use liquid curing materials. Cure concrete flatwork with new, unwrinkled, non-staining, high quality curing paper complying with ASTM C 171. Do not overlap curing paper.
- B. Surface Preparation for New or Existing Concrete:
 - 1. Concrete surfaces should be completely penetrable before applying the initial application of chemical stain. The surface of the concrete should be lightly mechanically abraded to remove weak cement paste and contaminants. The final surface preparation should approximate a Concrete Surface Profile of 1, (CSP1 as designated by the International Concrete Repair Institute, Alexandria, Virginia). Methods for mechanical abrasion include:
 - 1. Pressure Washing: Use a pressure washer equipped with a fan tip and rated for a minimum pressure capability of 4000 psi.
 - 2. Scrubbing with a rotary floor machine with a Mal-Grit Brush from the Malish Corporation.
 - 3. Light sanding of the surface.
 - 2. Rinse concrete substrates until rinse water is completely clean.
- C. Completed preparation to result in concrete surfaces that are uniformly slip-resistant and profiled to meet a Concrete Surface Preparation (CSP) of 1-2 according to referenced ICRI guidelines.

3.3 CONCRETE STAIN APPLICATION

- A. Protect surrounding areas, landscaping, and adjacent surfaces from overspray, runoff, and tracking. Divide surfaces into small work sections using walls, joint lines, or other stationary breaks as natural stopping points.
- B. Apply concrete stains full strength (undiluted) at the coverage rate recommended by the manufacturer and use application equipment according to the concrete stain manufacturer's printed instructions. Note the color of the liquid chemical stain will not be the final color produced on the concrete substrate.
 - 1. Thoroughly power mix concrete stain base and tint materials immediately prior to use. For mixing stain materials, use an acceptable metal blade mixer.
- C. Apply water-based reactive stain to substrates with an airless sprayer or High Volume Low Pressure (HVLP) sprayer, with a maintained and overlap controlled wet edge. A roller may also be used to apply material. If an airless sprayer or HVLC sprayer is used, the material may be manipulated mechanically to create a variegated appearance similar to that of an acid stain. If a roller is used an opaque monochromatic appearance will result.
 - 1. Airless Sprayer: 1500 to 2500 psi variable outlet fluid pressure. 0.013 to 0.018 inch tip.

2. HVLP Sprayer: 5 to 40 psi spray pressure capability.

- D. Reaction time will depend of wind conditions, temperature, and humidity level.
- E. If required, apply a second coat after first coat has sufficiently dried and can be walked on without damage; normally two to four hours after application depending on temperature and humidity. Apply a third coat, if required, not less than two to four hours after the second coat application.
- F. On vertical surfaces, start spray applications of reactive stain at the bottom and proceed upward. Apply stain material in light coats while maintaining a wet edge to ensue penetration into the surface.

3.4 SEALER APPLICATION

- A. Concrete substrate must be completely dry.
- B. After the final penetrating stain application has dried sufficiently, normally 8 to 24 hours at 75 degrees F and 50 percent relative humidity, remove all contaminants from surfaces by dry mopping if required.
- C. Apply sealer according the sealer manufacturer's printed instructions at a rate of 300 to 500 square feet per gallon per coat, maintaining a wet edge at all times. Two coats are required. Maintain a wet edge at all times.
- D. Allow sealer to completely dry before applying additional coats.
- E. Apply second coat of sealer at 90 degrees to the direction of the first coat using the same application method and rates.
- F. Seal horizontal joints in areas subject to pedestrian or vehicular traffic.

3.5 PROTECTION

- A. Provide temporary floor protection throughout the project to safeguard the surface quality of concrete slabs before and after application of decorative finishes or installations of other materials.
- B. All concrete floors that will be not be covered by other materials will be protected throughout the project. The concrete slab must be treated as a finished floor at all times during construction.
- C. Temporary Floor Protection will be removed only while finish work to the concrete is being performed and will be replaced after the final finish has cured sufficiently.
- D. Temporary Floor Protection will be SCOFIELD Proguard Duracover, manufactured by Sika Corporation. Seaming of the temporary floor protection will be performed with SCOFIELD Proguard Heavy Duty Seaming Tape. Both products will be installed following the manufacturer's published installation procedures.
- E. DO NOT APPLY THE HEAVY DUTY SEAMING TAPE TO BARE OR FINISHED FLOORS OR WALL SURFACES AT ANY TIME. IT WILL PERMANENTLY DAMAGE THE FLOOR

END OF SECTION 033619

SECTION 042200.16 – PRE-FACED CONCRETE UNIT MASONRY

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Pre-faced concrete masonry units.

1.2 DEFINITIONS

- A. CMU(s): Concrete masonry unit(s).
- B. Reinforced Masonry: Masonry containing reinforcing steel in grouted cells.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For reinforcing steel. Detail bending, lap lengths, and placement of unit masonry reinforcing bars. Comply with ACI 315.
- C. Samples: For each type and color of the following:
 - 1. Pre-faced CMUs.

1.4 INFORMATIONAL SUBMITTALS

- A. Material Certificates: For each type and size of product. For masonry units, include data on material properties material test reports substantiating compliance with requirements.
- B. Mix Designs: For each type of mortar and grout. Include description of type and proportions of ingredients.
 - 1. Include test reports for mortar mixes required to comply with property specification. Test according to ASTM C109/C109M for compressive strength, ASTM C1506 for water retention, and ASTM C91/C91M for air content.
 - 2. Include test reports, according to ASTM C1019, for grout mixes required to comply with compressive strength requirement.

1.5 FIELD CONDITIONS

- A. Cold-Weather Requirements: Do not use frozen materials or materials mixed or coated with ice or frost. Do not build on frozen substrates. Remove and replace unit masonry damaged by frost or by freezing conditions. Comply with cold-weather construction requirements contained in TMS 602/ACI 530.1/ASCE 6.
- B. Hot-Weather Requirements: Comply with hot-weather construction requirements contained in TMS 602/ACI 530.1/ASCE 6.

PART 2 - PRODUCTS

2.1 UNIT MASONRY, GENERAL

- A. Masonry Standard: Comply with TMS 602/ACI 530.1/ASCE 6, except as modified by requirements in the Contract Documents.
- B. Defective Units: Referenced masonry unit standards may allow a certain percentage of units to contain chips, cracks, or other defects exceeding limits stated. Do not use units where such defects are exposed in the completed Work.
- C. Fire-Resistance Ratings: Comply with requirements for fire-resistance-rated assembly designs indicated.
 - 1. Where fire-resistance-rated construction is indicated, units shall be listed and labeled by a qualified testing agency acceptable to authorities having jurisdiction.

2.2 CONCRETE MASONRY UNITS

- A. Shapes: Provide shapes indicated and as follows, with exposed surfaces matching exposed faces of adjacent units unless otherwise indicated.
 - 1. Provide special shapes for lintels, corners, jambs, sashes, movement joints, headers, bonding, and other special conditions.
- B. Pre-faced CMUs: Lightweight solid concrete units complying with ASTM C90, with manufacturer's standard smooth resinous facing complying with ASTM C744.
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide Echelon; an Oldcastle APG brand, Trenwyth® Astra-GlazeSW+ or comparable product.
 - 2. Unit Compressive Strength: Provide units with minimum average net-area compressive strength of 2800 psi.
 - 3. Size: Manufactured with pre-faced surfaces having 1/16-inch- wide returns of facing to create 1/4-inch- wide mortar joints.
 - a. Nominal 8" x 16" x 2" block
 - 4. Shapes: Provide manufacturer's standard shapes as required for wall condition.
 - a. Provide bullnose corners at outside corners.
 - b. Provide straight base at stained concrete.

- c. Provide covered base at other floor finishes.
- 5. Colors and Patterns: As selected by Architect from manufacturer's full range.
- 2.3 MORTAR AND GROUT MATERIALS
 - A. Colored Cement Products: Packaged blend made from portland cement and hydrated lime or masonry cement and mortar pigments, all complying with specified requirements, and containing no other ingredients.
 - B. Water: Potable.
- 2.4 MORTAR AND GROUT MIXES
 - A. General: Do not use admixtures, including pigments, air-entraining agents, accelerators, retarders, water-repellent agents, antifreeze compounds, or other admixtures unless otherwise indicated.
 - 1. Do not use calcium chloride in mortar or grout.
 - 2. Use portland cement-lime mortar unless otherwise indicated.
 - B. Preblended Colored, Dry Mortar Mix: Furnish dry mortar ingredients in form of a preblended mix. Measure quantities by weight to ensure accurate proportions, and thoroughly blend ingredients before delivering to Project site.
 - 1. Colors: As selected by Architect from manufacturer's full range.
 - C. Mortar for Unit Masonry: Comply with ASTM C270, Property Specification. Provide the following types of mortar for applications stated unless another type is indicated.
 - 1. For interior nonload-bearing partitions, Type O may be used instead of Type N.
 - D. Grout for Unit Masonry: Comply with ASTM C476.
 - 1. Use grout of type indicated or, if not otherwise indicated, of type (fine or coarse) that will comply with TMS 602/ACI 530.1/ASCE 6 for dimensions of grout spaces and pour height.
 - 2. Proportion grout in accordance with ASTM C476, Table 1 or paragraph 4.2.2 for specified 28-day compressive strength indicated, but not less than 2000 psi.
 - 3. Provide grout with a slump of 8 to 11 inches as measured according to ASTM C143/C143M.

PART 3 - EXECUTION

- 3.1 INSTALLATION, GENERAL
 - A. Use full-size units without cutting if possible. If cutting is required to provide a continuous pattern or to fit adjoining construction, cut units with motor-driven saws; provide clean, sharp, unchipped edges. Allow units to dry before laying unless wetting of units is specified. Install cut units with cut surfaces and, where possible, cut edges concealed.
 - B. Lay blocks with the faces level, plumb and true to a line strung horizontally at the glazed face. Install only quality units; reject all defective units, as defined in ASTM C744, latest revision. Units shall have uniform face joint dimensions of 1/4" both horizontally and vertically. Tool joints neatly after they are finger-hard to make them straight and uniform. Size and place cut pieces appropriately to maintain consistency and bond. Complete masonry construction using procedures and workmanship consistent with the best masonry practices.
- 3.2 LAYING MASONRY WALLS
 - A. Lay out walls in advance for accurate spacing of surface bond patterns with uniform joint thicknesses and for accurate location of openings, movement-type joints, returns, and offsets. Avoid using less-than-half-size units, particularly at corners, jambs, and, where possible, at other locations.
 - B. Bond Pattern for Exposed Masonry: Unless otherwise indicated, lay exposed masonry in running bond; do not use units with less-than-nominal 4-inch horizontal face dimensions at corners or jambs.
 - C. Built-in Work: As construction progresses, build in items specified in this and other Sections. Fill in solidly with masonry around built-in items.
 - D. Fill space between steel frames and masonry solidly with mortar unless otherwise indicated.
 - E. Where built-in items are to be embedded in cores of hollow masonry units, place a layer of metal lath, wire mesh, or plastic mesh in the joint below, and rod mortar or grout into core.
- 3.3 MORTAR BEDDING AND JOINTING
 - A. Lay hollow CMUs as follows:
 - 1. Bed face shells in mortar and make head joints of depth equal to bed joints.
 - 2. Bed webs in mortar in all courses of piers, columns, and pilasters.
 - 3. Bed webs in mortar in grouted masonry, including starting course on footings.
 - 4. Fully bed entire units, including areas under cells, at starting course on footings where cells are not grouted.

- B. Lay solid CMUs with completely filled bed and head joints; butter ends with sufficient mortar to fill head joints and shove into place. Do not deeply furrow bed joints or slush head joints.
- C. Tool exposed joints slightly concave when thumbprint hard, using a jointer larger than joint thickness unless otherwise indicated.
- D. Cut joints flush for masonry walls to receive plaster or other direct-applied finishes (other than paint) unless otherwise indicated.

3.4 FIELD QUALITY CONTROL

- A. Testing and Inspecting: Owner will engage special inspectors to perform tests and inspections and prepare reports. Allow inspectors access to scaffolding and work areas as needed to perform tests and inspections. Retesting of materials that fail to comply with specified requirements shall be done at Contractor's expense.
- B. Inspections: Special inspections according to Level B in TMS 402/ACI 530/ASCE 5.
 - 1. Begin masonry construction only after inspectors have verified proportions of site-prepared mortar.
 - 2. Place grout only after inspectors have verified compliance of grout spaces and of grades, sizes, and locations of reinforcement.
 - 3. Place grout only after inspectors have verified proportions of site-prepared grout.
- C. Testing Prior to Construction: One set of tests.
- D. Testing Frequency: One set of tests for each 5000 sq. ft. of wall area or portion thereof.
- E. Concrete Masonry Unit Test: For each type of unit provided, according to ASTM C140 for compressive strength.
- F. Mortar Aggregate Ratio Test (Proportion Specification): For each mix provided, according to ASTM C780.
- G. Mortar Test (Property Specification): For each mix provided, according to ASTM C780. Test mortar for mortar air content and compressive strength.
- H. Grout Test (Compressive Strength): For each mix provided, according to ASTM C1019.
- I. Prism Test: For each type of construction provided, according to ASTM C1314 at seven days and at 28 days.

3.5 REPAIRING, POINTING, AND CLEANING

- A. In-Progress Cleaning: Clean unit masonry as work progresses by dry brushing to remove mortar fins and smears before tooling joints.
- B. Final Cleaning: After mortar is thoroughly set and cured, clean exposed masonry as follows:
 - 1. Test cleaning methods on sample wall panel; leave one-half of panel uncleaned for comparison purposes.
 - 2. Clean concrete masonry by applicable cleaning methods indicated in NCMA TEK 8-4A.

3.6 MASONRY WASTE DISPOSAL

- A. Masonry Waste Recycling: Return broken CMUs not used as fill to manufacturer for recycling.
- B. Excess Masonry Waste: Remove excess clean masonry waste that cannot be used as fill, as described above or recycled, and other masonry waste, and legally dispose of off Owner's property.

END OF SECTION 042200

SECTION 096519.23 - SOLID VINYL TILE FLOORING (LVT)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Solid vinyl floor tile.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples for Initial Selection: For each type of floor tile indicated.
- C. Product Schedule: For floor tile.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For each type of floor tile to include in maintenance manuals.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: A qualified installer who employs workers for this Project who are competent in techniques required by manufacturer for floor tile installation and seaming method indicated.
 - 1. Engage an installer who employs workers for this Project who are trained or certified by floor tile manufacturer for installation techniques required.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store floor tile and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F (10 deg C) or more than 90 deg F (32 deg C). Store floor tiles on flat surfaces.

1.8 FIELD CONDITIONS

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F (21 deg C) or more than 95 deg F (35 deg C), in spaces to receive floor tile during the following time periods:
 - 1. 48 hours before installation.
 - 2. During installation.
 - 3. 48 hours after installation.
- B. After installation and until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F (13 deg C) or more than 95 deg F (35 deg C).
- C. Close spaces to traffic during floor tile installation.
- D. Close spaces to traffic for 48 hours after floor tile installation.
- E. Install floor tile after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS

2.1 SOLID VINYL FLOOR TILE - LVT

- A. Products: Basis-of-Design Product: Subject to compliance with requirements, provide Karndeen or comparable product.
- B. Tile Standard: ASTM F 1700.
 - 1. Class: Class III, printed film vinyl tile.
 - 2. Type: B, embossed surface.
- C. Thickness: 0.126 inch (3.2 mm).
- D. Wear Layer: 20 mil (0.65 mm)
- E. Size: at LVT1 – 9" X 56"; at LVT2 – 12" x 18"
- F. Commercial Warranty: 15 years
- G. Seamless-Installation Method: Chemically bonded.
- H. Colors and Patterns: at LVT1 – Reclaimed French Oak; at LVT2- Honed Oyster Slate

2.2 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by floor tile manufacturer for applications indicated.

- B. Adhesives: Water-resistant type recommended by floor tile and adhesive manufacturers to suit floor tile and substrate conditions indicated. Verify adhesive is compatible with percent fly ash in concrete slab.
- C. Seamless-Installation Accessories:
 - 1. Chemical-Bonding Compound: Manufacturer's product for chemically bonding seams.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
 - 1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of floor tile.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Prepare substrates according to floor tile manufacturer's written instructions to ensure adhesion of resilient products.
- B. Concrete Substrates: Prepare according to ASTM F 710.
 - 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
 - 2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by floor tile manufacturer. Do not use solvents.
 - 3. Alkalinity and Adhesion Testing: Perform tests recommended by floor tile manufacturer. Proceed with installation only after substrate alkalinity falls within range on pH scale recommended by manufacturer in writing, but not less than 5 or more than [9] [10] <Insert number> pH.
 - 4. Moisture Testing: Perform tests recommended by manufacturer and as follows. Proceed with installation only after substrates pass testing.
 - a. Perform relative humidity test using in situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum 75% relative humidity level measurement.
- C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.
- D. Do not install floor tiles until they are the same temperature as the space where they are to be installed.
 - 1. At least 48 hours in advance of installation, move resilient floor tile and installation materials into spaces where they will be installed.
- E. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient floor tile.

3.3 FLOOR TILE INSTALLATION

- A. Comply with manufacturer's written instructions for installing floor tile.
- B. Lay out floor tiles from center marks established with principal walls, discounting minor offsets, so tiles at opposite edges of room are of equal width. Adjust as necessary to avoid using cut widths that equal less than one-half tile at perimeter.
 - 1. Lay tiles square with room axis, unless otherwise indicated.
- C. Match floor tiles for color and pattern by selecting tiles from cartons in the same sequence as manufactured and packaged, if so numbered. Discard broken, cracked, chipped, or deformed tiles.
- D. Scribe, cut, and fit floor tiles to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, and door frames.
- E. Extend floor tiles into toe spaces, door reveals, closets, and similar openings. Extend floor tiles to center of door openings.
- F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on floor tiles as marked on substrates. Use chalk or other nonpermanent marking device.
- G. Install floor tiles on covers for telephone and electrical ducts, building expansion-joint covers, and similar items in finished floor areas. Maintain overall continuity of color and pattern between pieces of tile installed on covers and adjoining tiles. Tightly adhere tile edges to substrates that abut covers and to cover perimeters.
- H. Adhere floor tiles to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.
- I. Seamless Installation:

1. Chemically Bonded Seams: Bond seams with chemical-bonding compound to permanently fuse sections into a seam less flooring. Prepare seams and apply compound to produce tightly fitted seams without gaps, overlays, or excess bonding compound on flooring surfaces.

3.4 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protecting floor tile.
- B. Perform the following operations immediately after completing floor tile installation:
 1. Remove adhesive and other blemishes from exposed surfaces.
 2. Sweep and vacuum surfaces thoroughly.
 3. Damp-mop surfaces to remove marks and soil.
- C. Protect floor tile from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
- D. Cover floor tile until Substantial Completion.

END OF SECTION 096519.23

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GIGNAC

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City of

Port Aransas

CITY OF PORT

ARANSAS

PUBLIC SAFETY

CENTER

PORT ARANSAS,

TEXAS

D

MEZZANINE

A

B

C

1ST FLOOR

SEAL OF THE CITY OF PORT ARANSAS

18.22

01

EXPIRATION DATE

11/30/23

SIGNED ON

5/18/23

Project Number:

18.22

Drawing Date:

5/18/2023

Drawn:

JJS

Checked:

-

Revisions:

No. Description

Date

1 Addenda #1

5-31-23

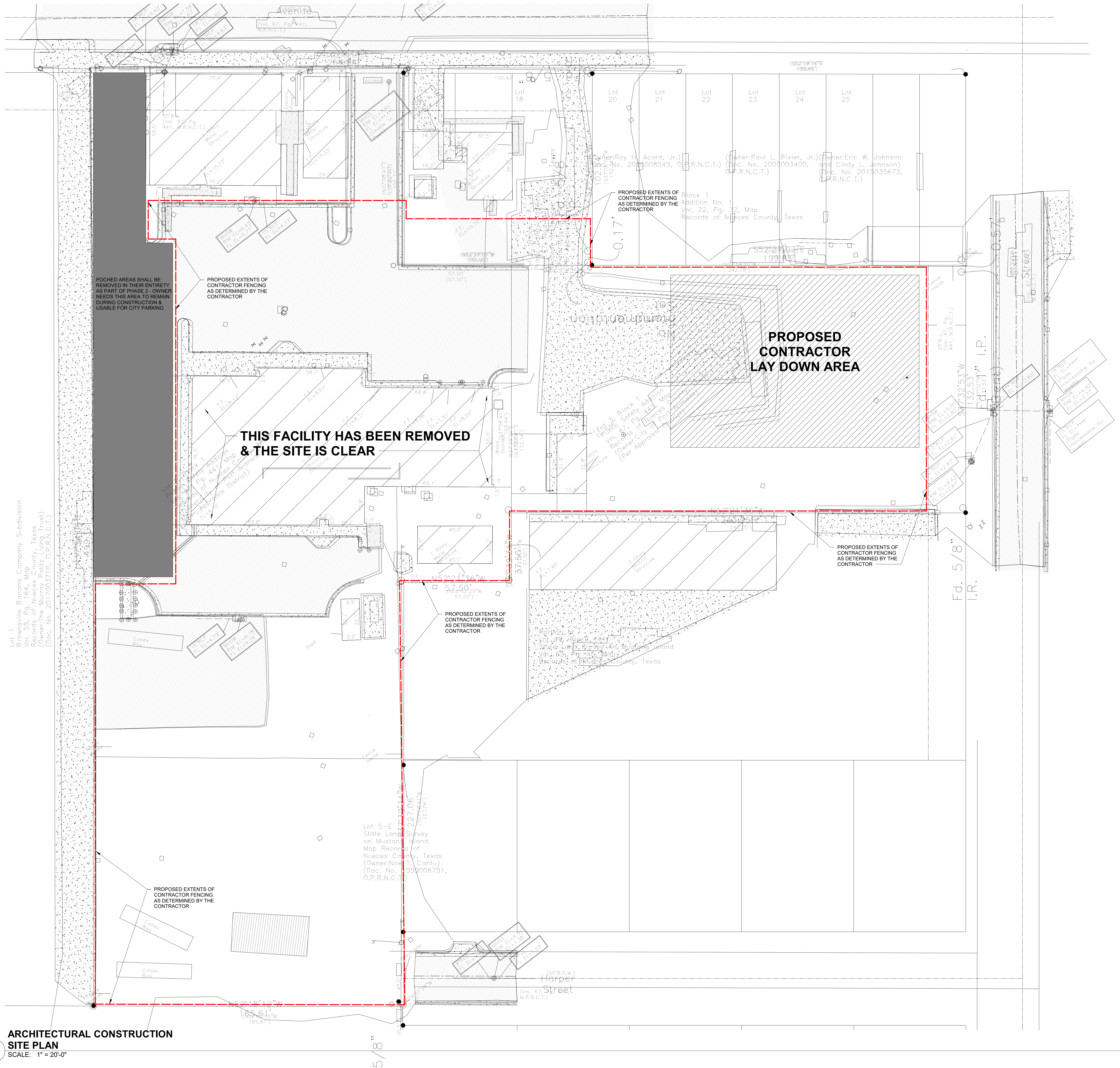
2 Addenda #2

6-15-23

Sheet Title:

DRAWING INDEX

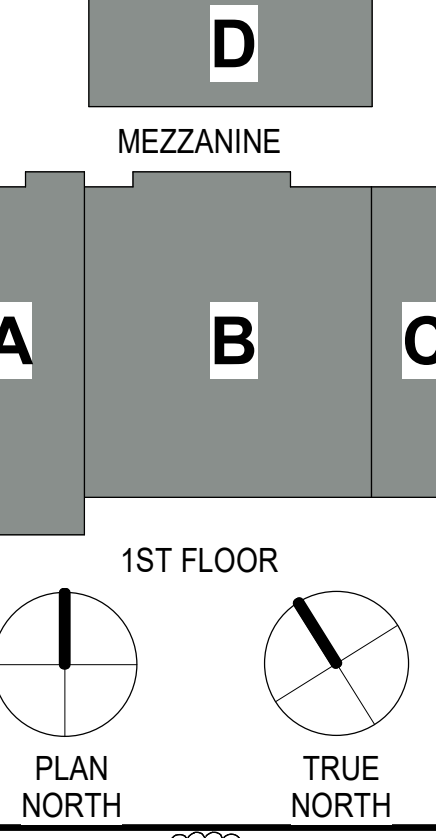
G-001



ARCHITECTURAL CONSTRUCTION
1 SITE PLAN
SCALE: 1" = 20'-0"



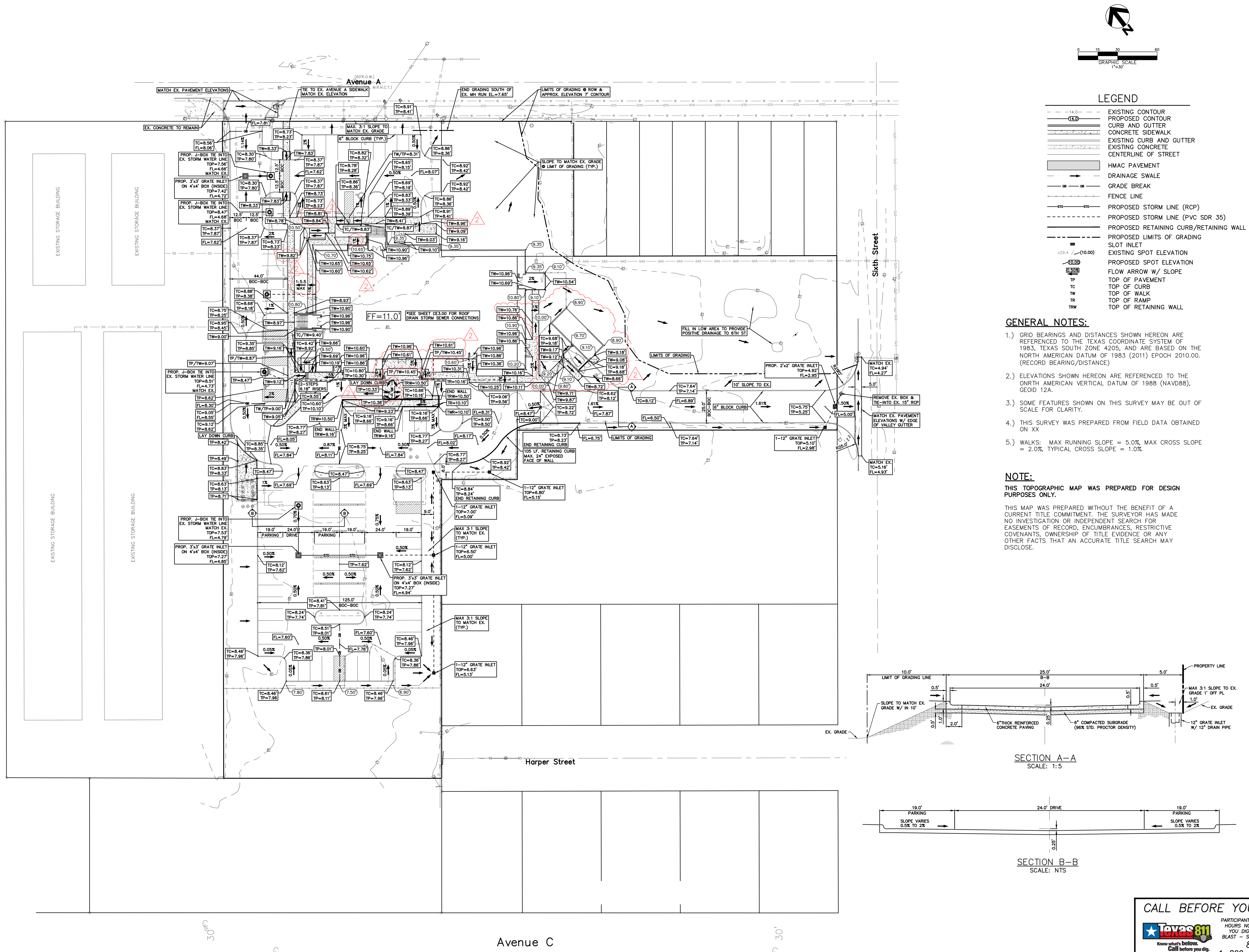
CITY OF PORT ARANSAS
PUBLIC SAFETY CENTER
PORT ARANSAS, TEXAS



EXPIRATION DATE
11/30/23
SIGNED ON
5/18/23
Project Number: 18.22
Drawing Date: 5/18/2023
Drawn: Author
Checked: Checker

No.	Description	Date
2	Addenda #2	6-15-23

Sheet Title:
CONSTRUCTION
AREA PLAN



CALL BEFORE YOU DIG!

 **811**
Know what's below.
Call before you dig.

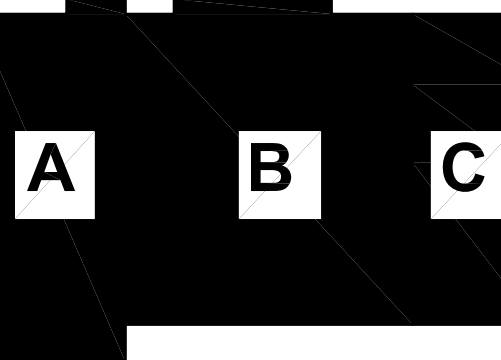
PARTICIPANTS REQUEST 48
HOURS NOTICE BEFORE
YOU DIG, DRILL, OR
BLAST – STOP AND CALL
811
1-800-344-8377



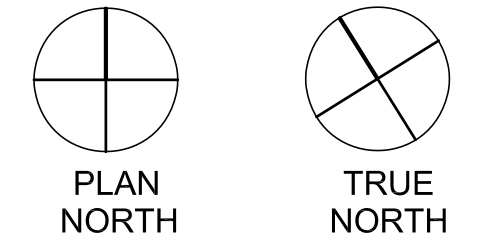
**CITY OF PORT
ARANSAS
PUBLIC SAFETY
CENTER
PORT ARANSAS,
TEXAS**

D

MEZZANINE



1ST FLOOR



Project Number:	18.22
Drawing Date:	5/18/2023
Drawn:	AMD
Checked:	AMD
Revisions:	
No. Description	Date
1 ADDENDUM #2	06.15.2023

Sheet Title:
IRRIGATION PLAN

GENERAL NOTES

- 1. GUARANTEE:**
Guarantee the irrigation system for one year from date of acceptance.
- 2. VERIFICATION:**
The design pressure is 49.4 P.S.I. System design is based on 50 P.S.I. and 50 G.P.M. available at discharge outlet of meter. Verify same and notify Landscape Architect if such data adversely affects the operation of the system. Such notice shall be made in writing and prior to commencing any irrigation work.
- 3. UTILITIES:**
Verify location of all on-site utilities. Restoration of damaged utilities shall be made to the satisfaction of the Owner, and at no additional cost to the Owner.
- 4. SCHEMATIC:**
System features are shown schematically for graphic clarity. Install all piping and valves in common trenches where feasible and inside planting areas adjacent to walkways and inside medians whenever possible.
- 5. STANDARDS & CODES:**
Irrigation system shall be installed in accordance with TCEQ Standards and all local codes and manufacturer's specifications. Notify Landscape Architect by telephone and in writing of any conflicts prior to installation.
- 6. QUICK COUPLING VALVES:**
Install on double swing joint. Locate 12" away from edge of walks, walls, curbs, and headerboards within planting areas. Provide one swivel, hose ell.
- 7. SLEEVING:**
Adequately size Sch. 40 pipe for all wiring and irrigation lines installed under paving areas and that pass through drainage trenches with drain rock. Install (with ends clearly marked above grade) at the necessary depth prior to the construction of paving areas or field bases. Sleeving to extend 12" from edge of paving or drainage trench into adjacent subgrade. No unsleeved piping, angle-bends, 90-degree bends, or joints shall be allowed under paving.
- 8. HEAD ALLOWANCE:**
Allow in bid price an amount sufficient to provide and install an additional 5 sprinkler heads of each type specified on plan to accommodate field changes. These heads shall be located as directed by the Landscape Architect. Deliver to the owner any unused additional heads at the end of the maintenance period.
- 9. FIELD VERIFICATION:**
Field verify dimensions of all planting areas to receive irrigation. Determine nozzle pattern (1/2 head, 1/4 head, Adjustable Arc nozzle, etc.) based on field conditions. Adjust all nozzles in field for optimal coverage and to prevent overspray onto walks, paved areas, building, etc.
- 10. CONTROLLER:**
Install controller as shown on the Drawings. All above-grade conduit, either 24v. or 110v., shall be rigid galvanized steel securely fastened to structure and to controller.
- 11. POP-UP HEIGHT:**
Use 6" pop-up sprinklers in the turf areas.
- 12. POP-UP LOCATION:**
Distance of pop-up sprinkler from paving or headerboard is equal to riser height.
- 13. SCHEDULING:**
Prior to the end of the maintenance period, schedule the controller for repeat cycle irrigation and multiple programming. Provide at least three start times for turf and two start times for shrubs if over 5 minutes in length for any one station. Turf and shrubs shall be on separate programs. Shrubs shall be separated into two programs, one for sun valves, one for partial shade to shade valves.
- 14. PRESSURE REGULATION**
All sprays shall be installed with pressure regulating screens (PRS).
- 15. REVIEWS:**
Landscape Architect to approve mainline layout & observe pressure test BEFORE backfilling.
Landscape Architect to approve irrigation coverage BEFORE plant layout commences.
Landscape Architect to approve overall layout & operation BEFORE granting substantial completion.
- 16. SUBMITTALS:**
Submit mainline pressure test to Architect.
Submit product data on all irrigation equipment specified, including any proposed substitutions.

REFERENCE NOTES

- 1 Mount Sensor in Area of Unobstructed Rainfall.
- 2 Plumbing Contractor to Provide Two 1.5" Conduits Sweeping Through to Outside Landscape Area. Fasten Conduit to Wall. Seal All Penetrations.

PRESSURE LOSS CALCULATION

Static Pressure: 50 lbs.
Zone #6: 21.9 g.p.m.
1" Meter: 2.8 lbs.
1.5" Control Valve: 3 lbs.
1.5" Backflow: 3 lbs.
Mainline (size varies): 6.5 lbs.
Lateral Line (size varies): 2.8 lbs.
Elevation Loss: 1.3 lbs.
Head Operating Pressure: 30 lbs.
Design Pressure: 49.4 p.s.i.
Residual Pressure: 0.6 lbs.

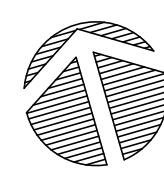
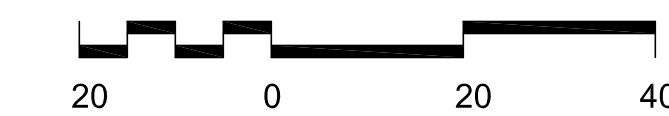
LEGEND

SYMBOL	MANUFACTURER	DESCRIPTION	PSI	GPM	RAD
□	Hunter	PROS-06-PRS30-10 Series	30	.39-1.58	10'
○	Hunter	PROS-06-PRS30-12 Series	30	.65-2.6	12'
■	Hunter	PROS-06-PRS30-15 Series	30	.92-3.7	15'
●	Hunter	PROS-06-PRS30-17 Series	30	1.15-4.6	17'
▮	Hunter	PROS-06-PRS30-SS-530	30	1.3	5' x 30'
▮	Hunter	PROS-06-PRS30-L/R CS-515	30	.65	5' x 15'
▮	Hunter	PROS-06-PRS30-SS-918	30	1.72	9' x 18'
○	Hunter	PROS-06-PRS30-MP1000	30	.16-.65	12'
▮	Hunter	PROS-06-PRS30-MP2000	30	.33-1.27	18'
○	Hunter	PROS-06-PRS30-MP3000	30	.76-3.15	27'
⤵	Rainbird	RWS-B-1402	30	1/pair	-
⤵	Rainbird	Flush Port - Install in round valve box at end of each drip run.			
~~~~~	Rainbird	Rainbird XFD On-Surface Dripline (Model #XFD-06-12) Connect poly pipe to 1" Class 200 PVC lateral every 20' ±			
-----		Main Line: Min. 18" Cover. 1 1/4" Sch. 40 PVC UON			
-----		Lateral Line: Min. 12" Cover. Class 200. See chart for size.			
⊙	Hunter	PGV Remote Control Globe Valve: Size as shown on plan.			
⊕	Hunter	ICZ-101 Control Zone Kit. See Plan.			
⊙	Rainbird	44-LRC Quick Coupler			
⊙	King Brothers	Full Port True Union PVC Ball Valve: Line Size			
M		1" Irrigation Meter: See Civil Drawings			
B	Febco	1.5" Backflow Preventer: Model #765			
⊙	Hunter	Controller #IC-600-M w/ Two ICM-600 Modules and Wireless Solar Sync Rain Check Shut-Off. Securely Fasten to Wall.			
POC		Point of Connection			
VIF		Verify in Field			
UON		Unless Otherwise Noted			

PIPE SIZING CHART - CLASS 200 SPRAY HEADS / BUBBLERS LATERALS DRIP IRRIGATION SUPPLY LINES NETAFIM SUPPLY / EXHAUST HEADER	
Zone / Partial Zone Flow	Pipe Size
0-10 GPM	PVC 3/4"
10.1-16 GPM	PVC 1"
16.1-26 GPM	PVC 1-1/4"
26.1-34 GPM	PVC 1-1/2"

**3/4" IS MINIMUM PIPE SIZE.**

X	Valve Station
X	GPM
X	Valve Size



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www.adlinc.com



**L-1.0**



Lot 1  
Brownville Banana Company Subdivision  
Vol. 59, Pg. 164, Map  
Records of Nueces County, Texas  
(Owner: The City of Port Aransas (Trust))  
(Doc. No. 2017003710, O.P.R.N.C.T.)

Lot 5-E  
State Land Survey  
on Mustang Island  
Map Records of  
Nueces County, Texas  
(Owner: Noe T. Cantu)  
(Doc. No. 199006791,  
O.P.R.N.C.T.)

Block 1, Block 2  
State Land Survey  
on Mustang Island  
Vol. 67, Pg. 40, Map  
Records of Nueces County, Texas

Block 1, Block 2  
Public Safety Addition  
Vol. 67, Pg. 44, Map  
Records of Nueces County,  
(Owner: City of Port Aransas)  
(Per Appraisal District)

Block 1, Block 2  
Public Safety Addition  
Vol. 67, Pg. 44, Map  
Records of Nueces County,  
(Owner: City of Port Aransas)  
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Vol. 67, Pg. 44, Map  
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(Owner: City of Port Aransas)  
(Per Appraisal District)

**ARCHITECTURAL DEMOLITION SITE PLAN**  
SCALE: 1" = 20'-0"

**THIS FACILITY HAS BEEN REMOVED  
& THE SITE IS CLEAR**

POCHED AREAS SHALL BE  
REMOVED IN THEIR ENTIRETY  
AS PART OF PHASE 2. OWNER  
NEEDS THIS AREA TO REMAIN  
DURING CONSTRUCTION &  
USABLE FOR CITY PARKING

- GENERAL DEMOLITION NOTES:**
- THIS DEMOLITION PLAN OUTLINES THE SCOPE OF THE WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL ALSO REFER TO THE DRAWINGS FOR THE CONSTRUCTION OF THE NEW ADDITION FOR ADDITIONAL INFORMATION.
  - EXISTING CONDITIONS INFORMATION WAS OBTAINED FROM DOCUMENTS AND INFORMATION SUPPLIED TO THE ARCHITECT. THE CONTRACTOR IS TO VERIFY EXACT LOCATIONS, SIZES, ELEVATIONS, ETC. AND REPORT ANY DISCREPANCIES TO THE ARCHITECT. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING.
  - ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.
  - REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN ON SITE, THE CONTRACTOR SHALL REPAIR THE DAMAGE.
  - CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
  - CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION NOTED TO REMAIN FROM DAMAGE AND EROSION DURING DEMOLITION. REMOVE DEBRIS REGULARLY AS NECESSARY TO ELIMINATED INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
  - NOT USED.
  - NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. THAT ARE TO BE REMOVED THAT ARE DEEMED SALVAGEABLE TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD CONDITION.
  - THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
  - WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
  - PROTECT EXISTING SITE IMPROVEMENTS AND LANDSCAPING TO REMAIN, INCLUDING BUT NOT LIMITED TO EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL WITHIN DRIP LINES.
  - CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES AS NECESSARY TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AND AS REQUIRED BY THE CITY.
  - DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
  - WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.
  - CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ELECTRIC, GAS, WATER, TELEPHONE, STORM SEWER, AND SANITARY SEWER FOR FIELD LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITY LINES. PRIOR TO COMMENCEMENT WITH ANY DEMOLITION WORK, CONTRACTOR SHALL IDENTIFY ALL ELECTRICAL CIRCUITS SERVING THE AREA INVOLVED WITH THIS DEMOLITION. THOSE CIRCUITS SHALL THEN BE LOCKED OUT AND TAGGED OUT IF THEY DO NOT SERVICE ANY OF THE REMAINING BUILDING. THOSE CIRCUITS WHICH ARE IDENTIFIED TO SERVICE BOTH THE AREA TO BE DEMOLISHED AND THE REMAINING BUILDING SHALL BE SPLIT SO AS TO KILL ALL ELECTRICAL POWER TO THE AREA TO BE DEMOLISHED WHILE MAINTAINING POWER TO THE REMAINDER OF THE BUILDING.
  - CONTRACTOR TO RE-LOCATE UTILITIES & EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW HVAC, ELECTRICAL & PLUMBING REQUIREMENTS FOR NEW RENOVATION WORK.
  - REFER TO DEMOLITION PLUMBING PLANS FOR EXTENT OF CONCRETE SLAB TO BE REMOVED AND REPLACED FOR UNDER FLOOR PIPING INSTALLATION (IF APPLICABLE).
  - REFER TO MEP DRAWINGS FOR DEMOLITION OF MEP SYSTEMS TO IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND/OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBS THE EXTENT OF ALL DEMOLITION WORK.

- REMOVE EXISTING CONCRETE FLATWORK, STEPS & RAMPS IN THEIR ENTIRETY.
- REMOVE EXISTING BUILDING STRUCTURE IN ITS ENTIRETY.
- REMOVE EXISTING CONC. / ASPHALT DRIVEWAY PAVING & WHEELSTOPS, ETC. REFER TO CIVIL DRAWINGS FOR EXTENTS.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE REMOVAL OF EXISTING PORTABLE STRUCTURES, STAIRS, RAMPS, LANDINGS & CANOPIES ASSOCIATED W/ THE PORTABLES.
- REMOVE EXISTING CHAINLINK / WOOD FENCES & GATES AS REQ'D. RETURN ALL SALVAGEABLE MATERIAL TO THE OWNER. COORDINATE W/ SITEPLAN FOR EXTENTS.
- CONTRACTOR SHALL REMOVE ALL TREES, SHRUBBERY, BEDS, ETC AS INDICATED. (FIELD VERIFY)
- SAWCUT & REMOVE EXISTING CONCRETE CURB & GUTTER TO ACCOMMODATE NEW CONSTRUCTION. PATCH & REPAIR AS REQUIRED. REFER TO CIVIL FOR EXTENTS.
- REFER TO MEP & CIVIL FOR ALL EXISTING UTILITIES.
- EXIST. TREES TO REMAIN. CONTRACTOR SHALL PROTECT TREES AS REQ'D.
- GENERAL CONTRACTOR SHALL REMOVE ALL EXISTING CONC. FOUNDATIONS IN THEIR ENTIRETY. FIELD VERIFY.
- EXIST. BUILDING STRUCTURES TO REMAIN. GENERAL CONTRACTOR TO ENSURE THAT THEY PROTECT AND REMAIN INTACT & OPERATIONAL DURING CONSTRUCTION.

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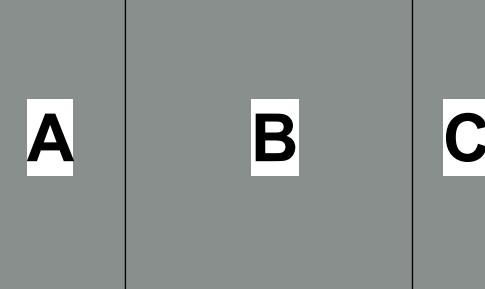
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T 361.288.2335



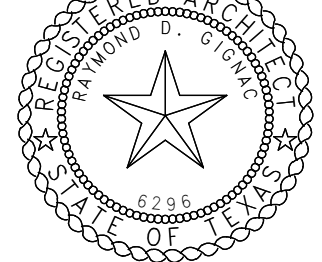
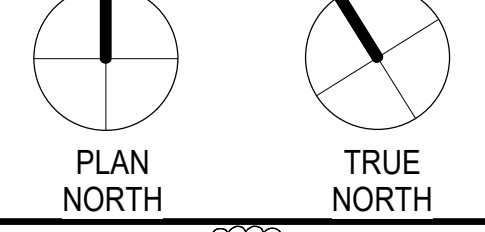
**CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

**D**

MEZZANINE



1ST FLOOR



PLAN NORTH

TRUE NORTH

EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22

Drawing Date: 5/18/2023

Drawn: JUS

Checked: Checker

Revisions:

No. Description Date

2 Addenda #2 6-15-23

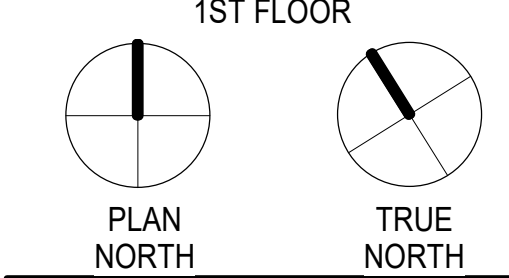
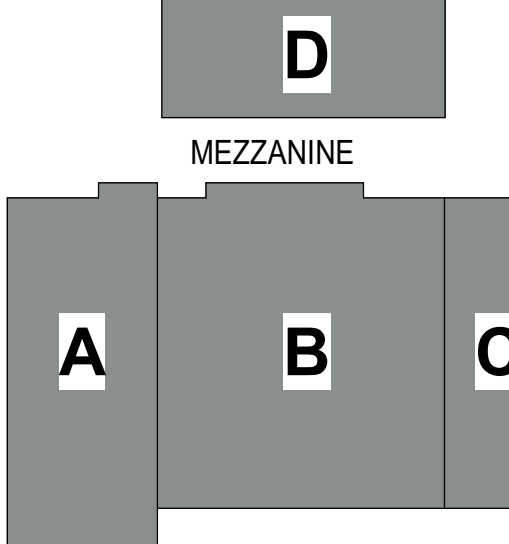
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**ARCHITECTURAL  
DEMOLITION SITE  
PLAN**



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TEXAS**



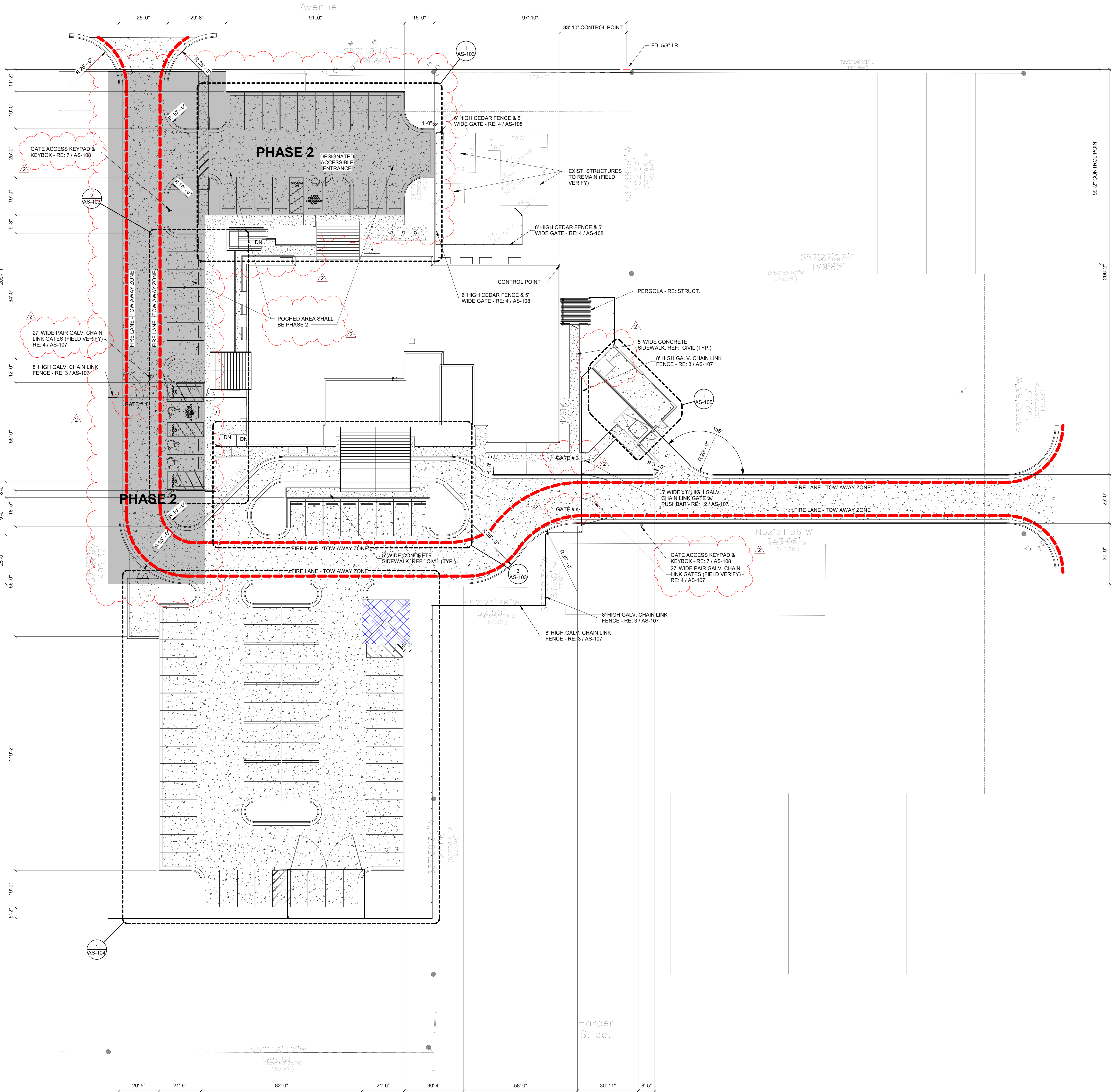
EXPIRATION DATE  
11/30/23  
SIGNED ON  
5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: JJS  
Checked:

No.	Description	Date
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2	Addenda #2	6-15-23

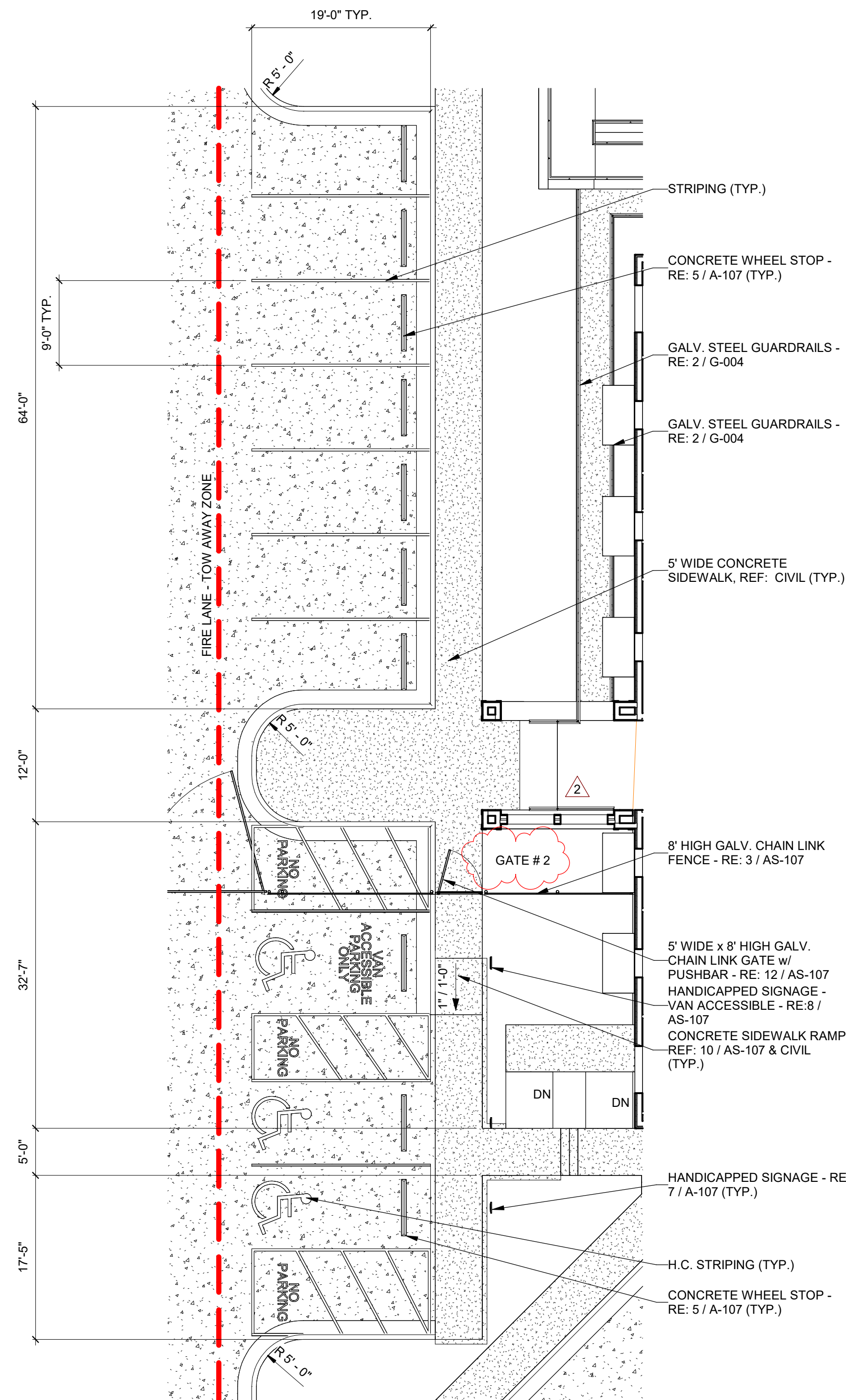
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**OVERALL  
ARCHITECTURAL  
SITE PLAN**

- GENERAL SITE NOTES**
- COORDINATE ALL SPOT ELEVATIONS AND DIMENSIONS WITH CIVIL/LANDSCAPE/MEP/STRUCTURAL DRAWINGS.
  - PROVIDE POSITIVE DRAINAGE OF 1% MINIMUM / 2% MAXIMUM AT ALL EXTERIOR PAVED PEDESTRIAN AREAS SUCH AS SIDEWALKS, PATIOS, STAIRS, ETC. UNLESS NOTED OTHERWISE.
  - FINISH GRADE SLOPES SHALL BE NO STEEPER THAN 1 FOOT VERTICAL IN 3 FEET HORIZONTAL UNLESS NOTED OTHERWISE.
  - THE CONTRACTOR SHALL FENCE THE ENTIRE AREA OF BUILDING CONSTRUCTION AND CONTRACTOR STAGING/PARKING WITH TEMPORARY CHAIN LINK CONSTRUCTION FENCING. DO NOT USE PERMANENT PERIMETER FENCING FOR CONSTRUCTION FENCING.
  - THE CONTRACTOR SHALL KEEP VEHICULAR AND PEDESTRIAN ACCESS WAYS CLEAR AND CLEAN AT ALL TIMES.
  - THE AREA OF CONSTRUCTION SHALL BE FENCED OR BARRICADED WHILE CONSTRUCTION IS TAKING PLACE. FENCES AND BARRICADES SHALL BE MAINTAINED STRAIGHT AND ERECT DURING THE CONSTRUCTION.
  - THE CONTRACTOR STAGING AREA SHALL BE FENCED DURING THE ENTIRE CONTRACT PERIOD. THE CONTRACTOR'S FIELD OFFICE, TOILET FACILITIES, MATERIAL, EQUIPMENT, AND WORKER PARKING SHALL BE WITHIN THE STAGING AREA. THE STAGING AREA SHALL HAVE VEHICULAR ACCESS GATES AS REQUIRED BY THE CONTRACTOR AND COORDINATED WITH THE OWNER.
  - THE CONTRACTOR SHALL REPAIR, RESTORE OR REPLACE ANY EXISTING INSTALLATIONS DAMAGED BY WORK OF THIS CONTRACT INCLUDING ASPHALT ROADS, SODDED AREAS AND OTHER LANDSCAPING.
  - REMOVE ALL BARRICADES AND OTHER TEMPORARY CONSTRUCTION AT THE COMPLETION OF THE WORK.
  - THE LOCATIONS OF UTILITY LINES SHOWN ON THE SITE PLAN ARE APPROXIMATE. VERIFY THE LOCATION OF ANY UTILITY LINES PRIOR TO COMMENCING DIGGING ON THE SITE.
  - CONTRACTOR TO FIELD VERIFY ALL CITY UTILITIES (LIGHT POLES, HYDRANTS, ETC.) ALONG CITY RIGHT OF WAYS TO ENSURE THAT PROPOSED SIDEWALKS TO NOT INTERFERE.
  - SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SITE WORK ASSOCIATED WITH THOSE DISCIPLINES.
  - ALL STRIPING AND TRAFFIC SIGNS SHALL MEET TxDOT STANDARDS (TYP.)
  - ALL FLATWORK SHALL MEET TEXAS ACCESSABILITY STANDARDS.
  - SEE SPECIFICATION SECTIONS "GENERAL REQUIREMENTS" FOR OTHER REQUIREMENTS.
  - ALL FIRE LANE STRIPING SHALL MEET CURRENT INTERNATIONAL FIRE CODE AS ADOPTED BY THE CITY. REFER TO FIRE LANE DETAILS AS-108.

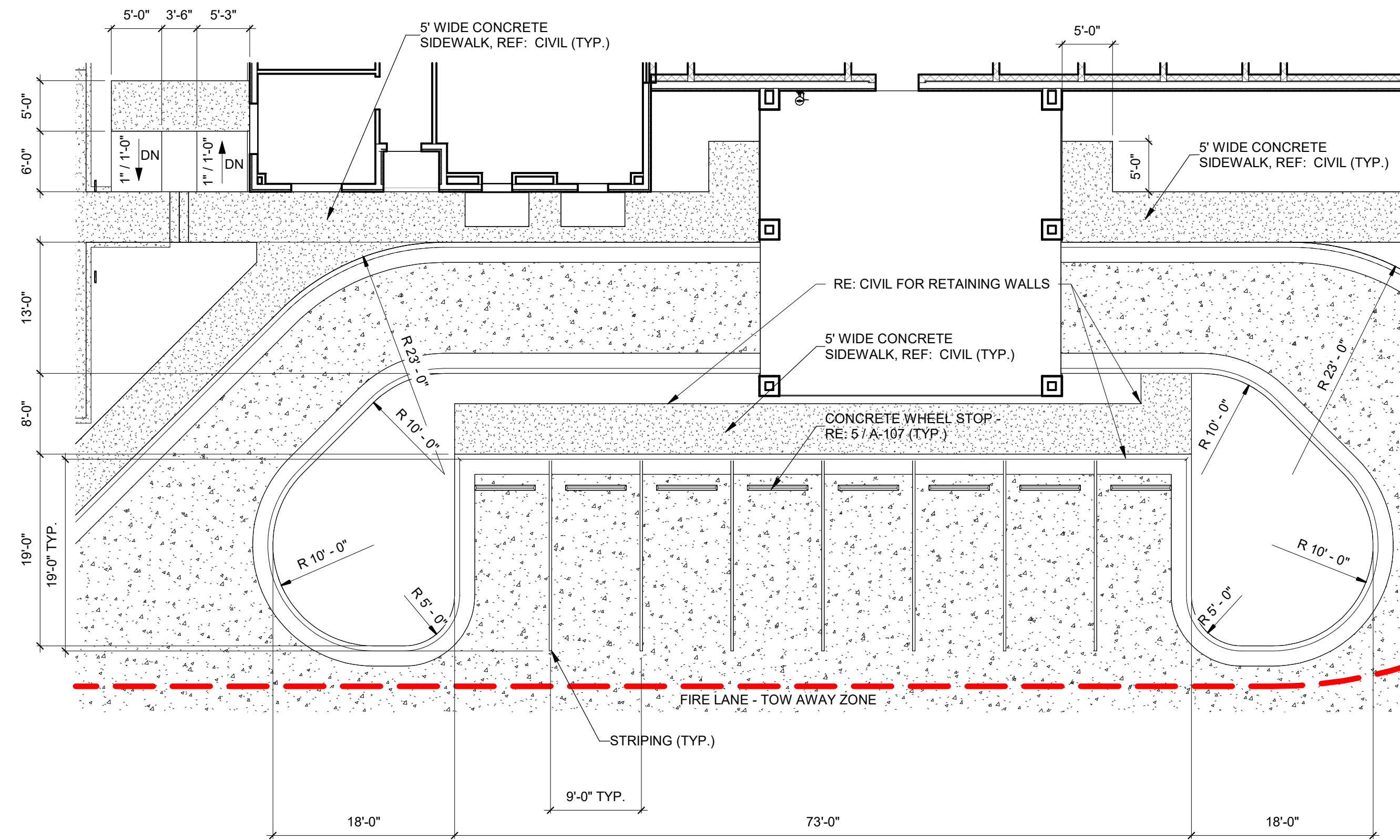


**OVERALL ARCHITECTURAL SITE  
PLAN**  
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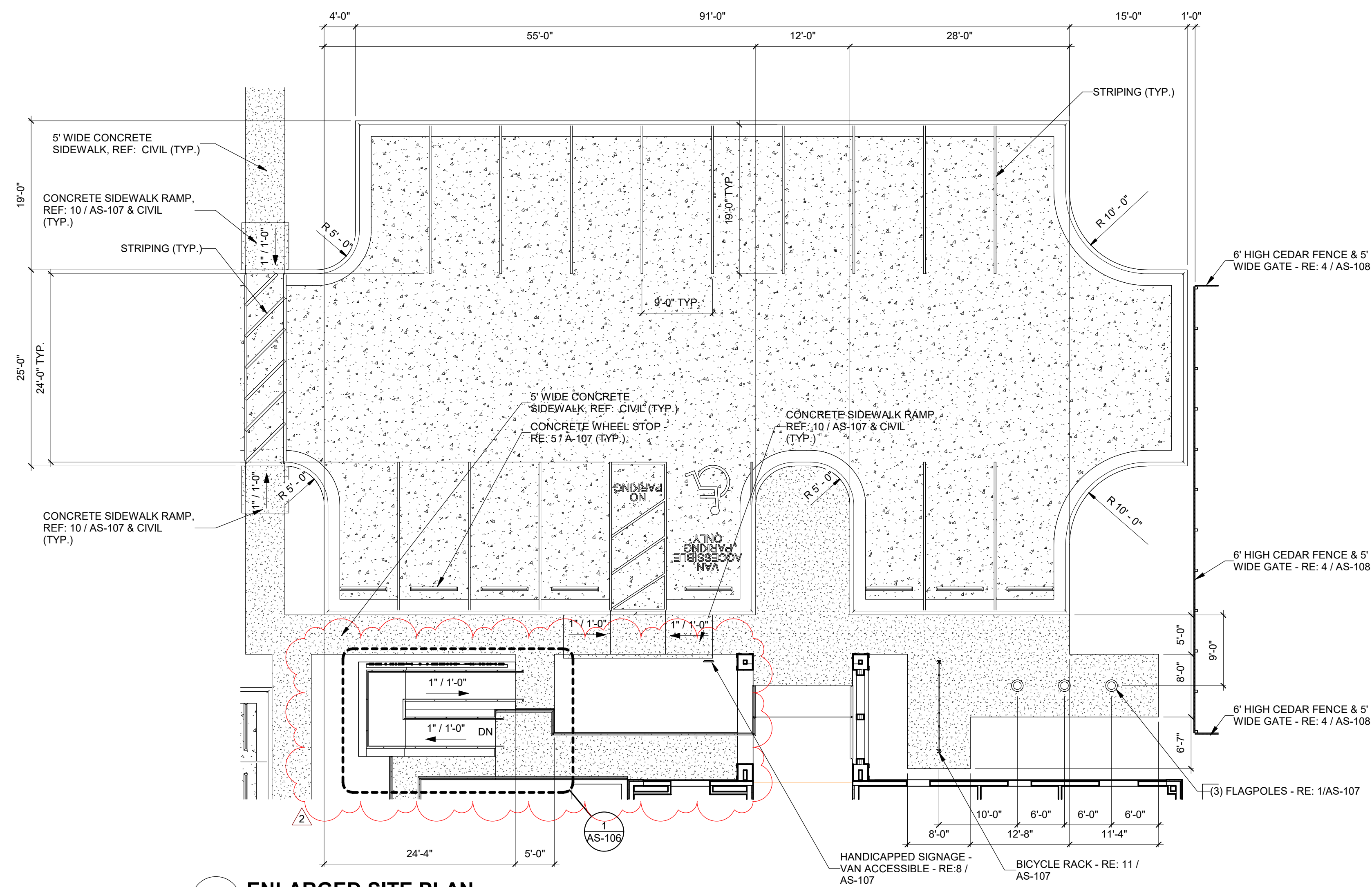




2 ENLARGED SITE PLAN  
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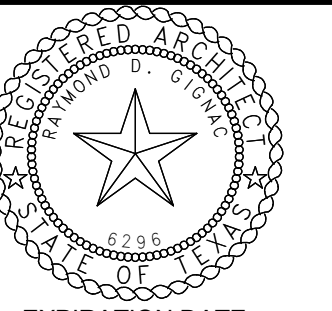
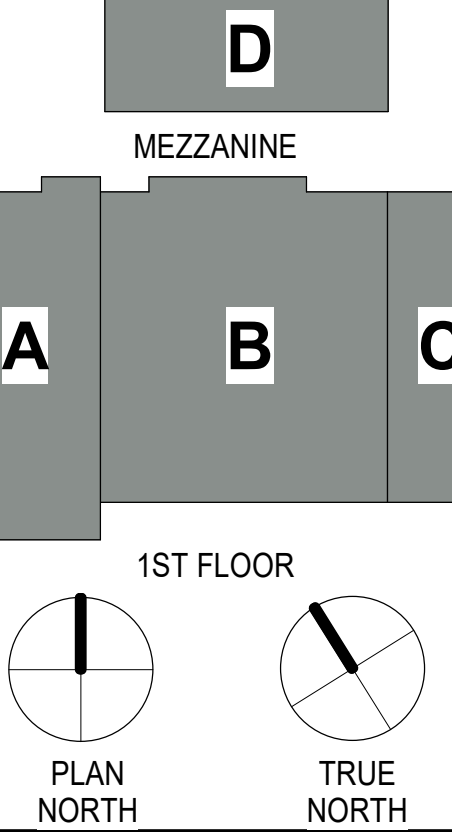
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SCALE: 1" = 10'-0"




1 ENLARGED SITE PLAN  
SCALE: 1" = 10'-0"



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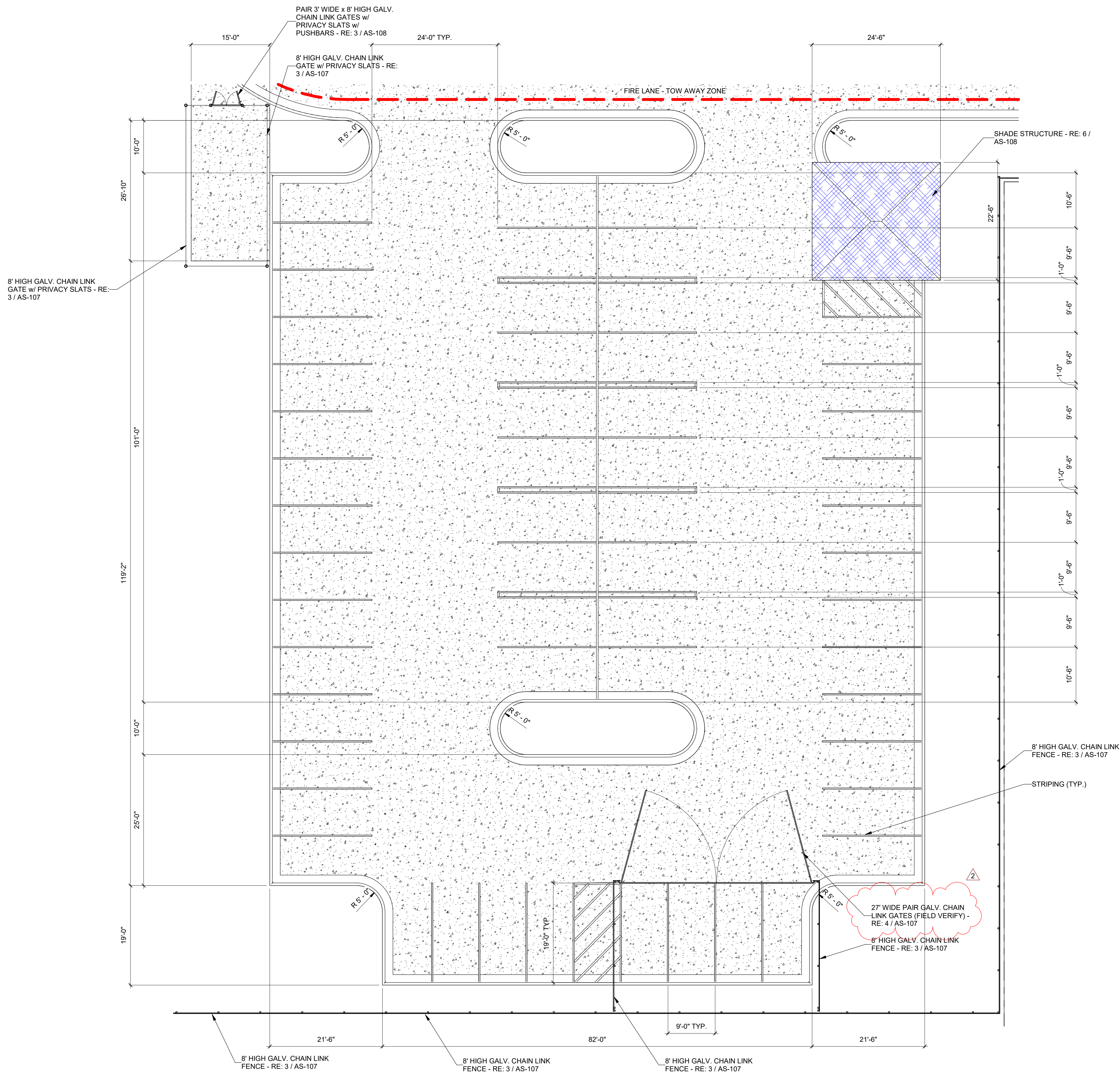


EXPIRATION DATE 11/30/23		
		
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Sheet Title:  
**ENLARGED SITE  
PLANS**



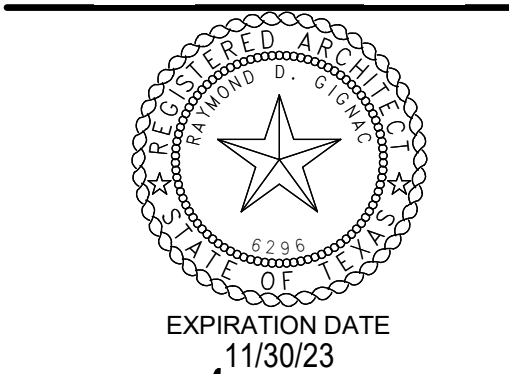
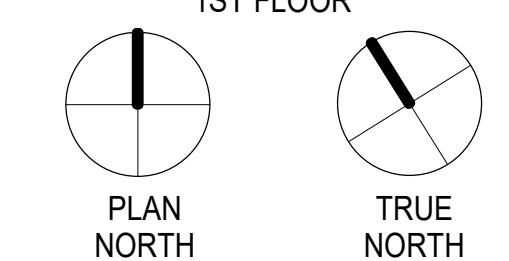
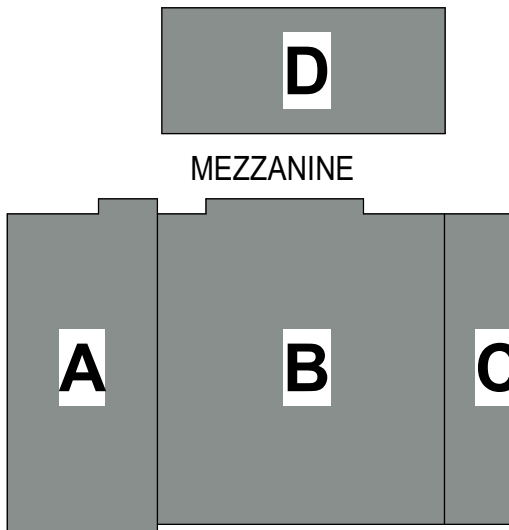
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1 ENLARGED SITE PLAN  
SCALE: 1" = 10'-0"



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EXPIRATION DATE  
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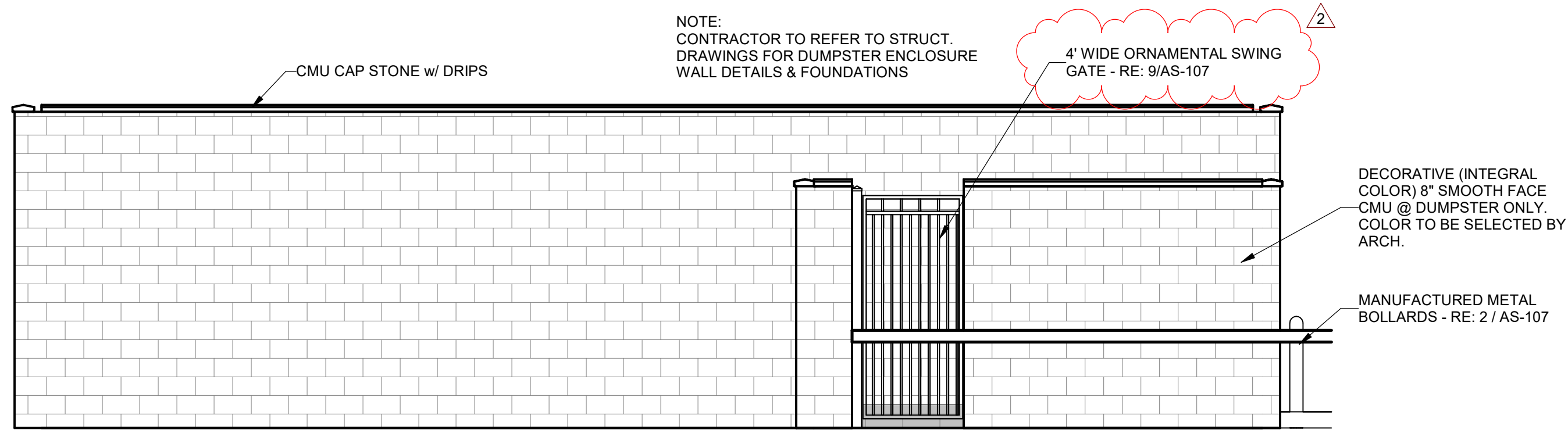
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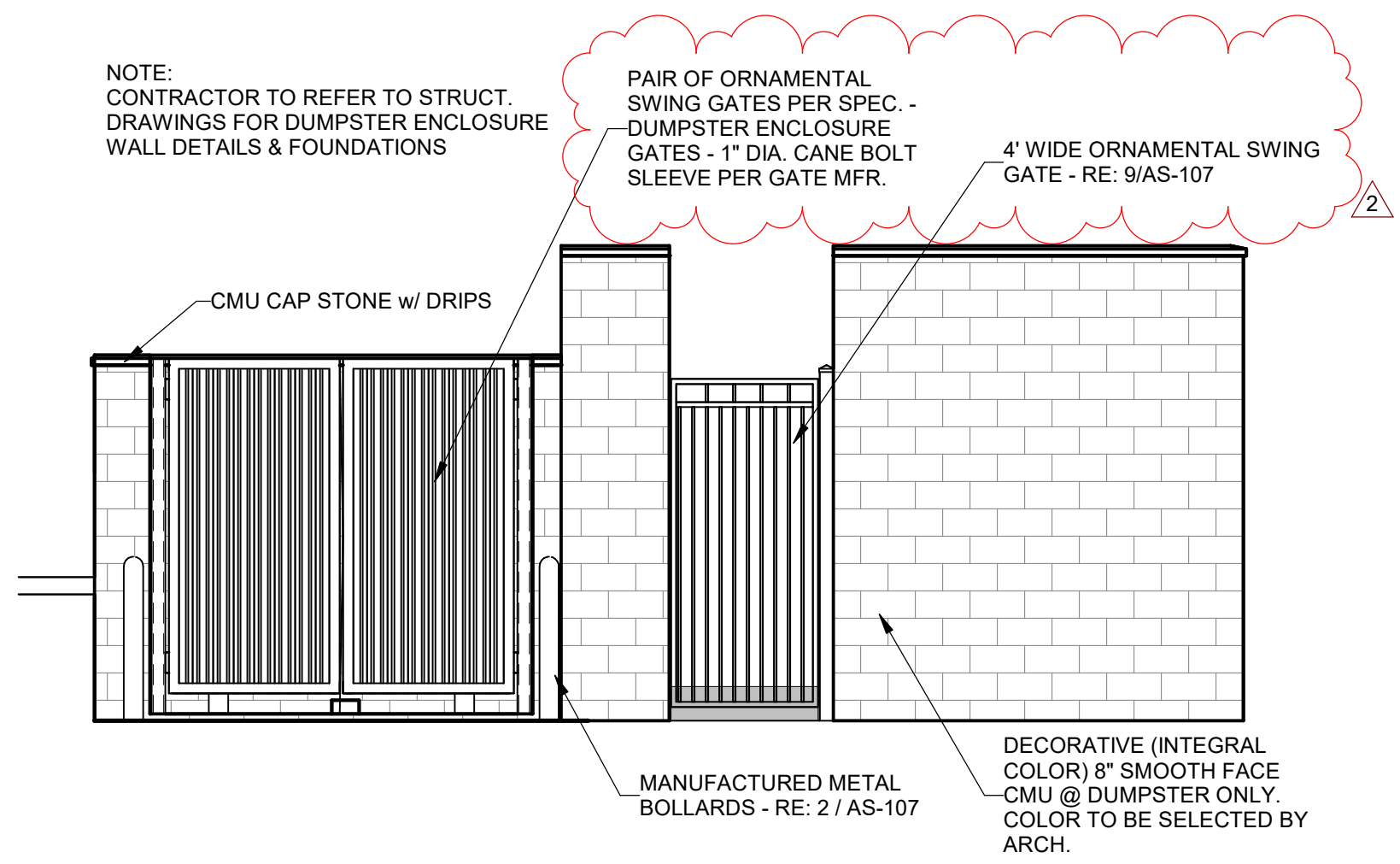
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ENLARGED SITE  
PLANS



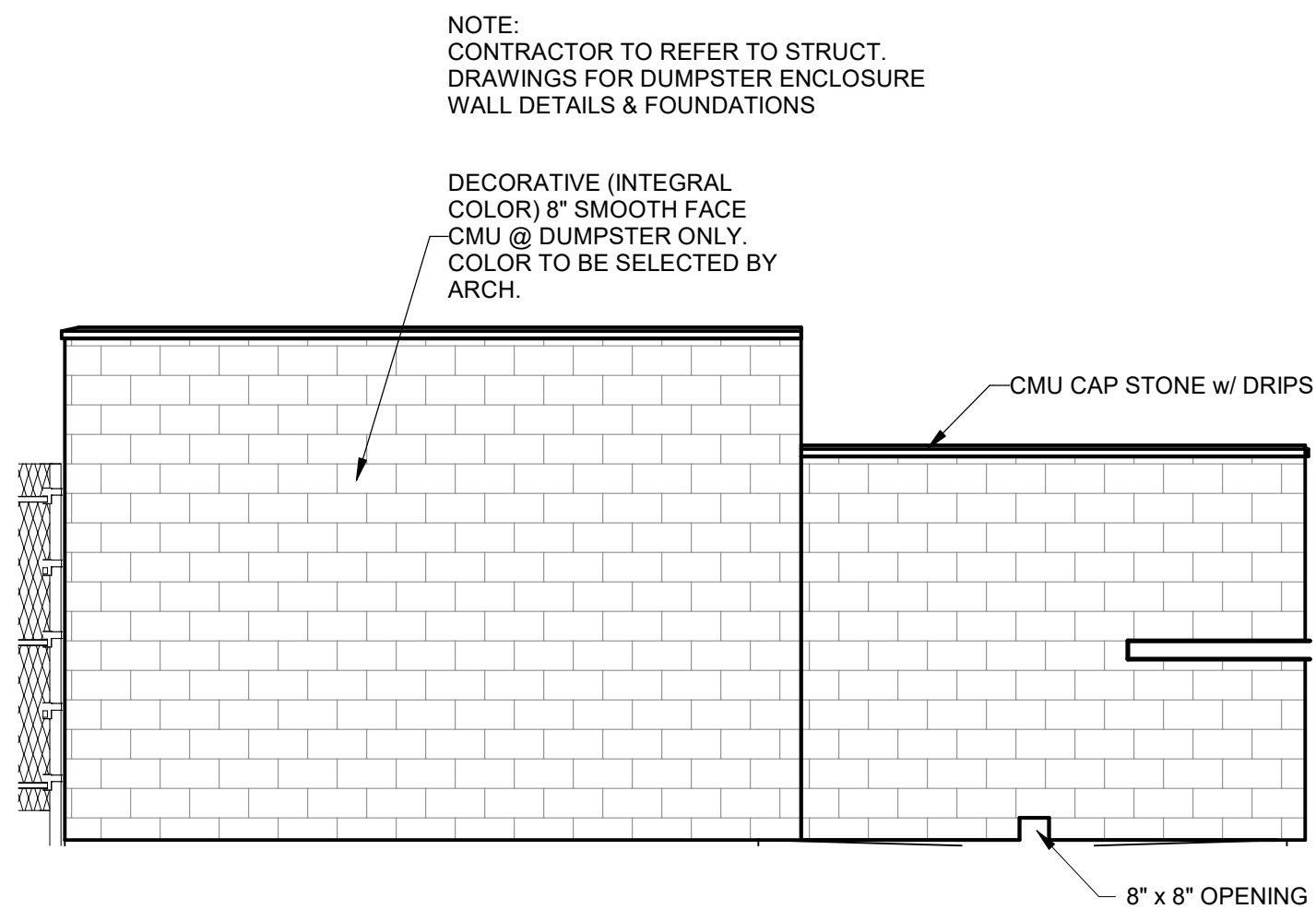
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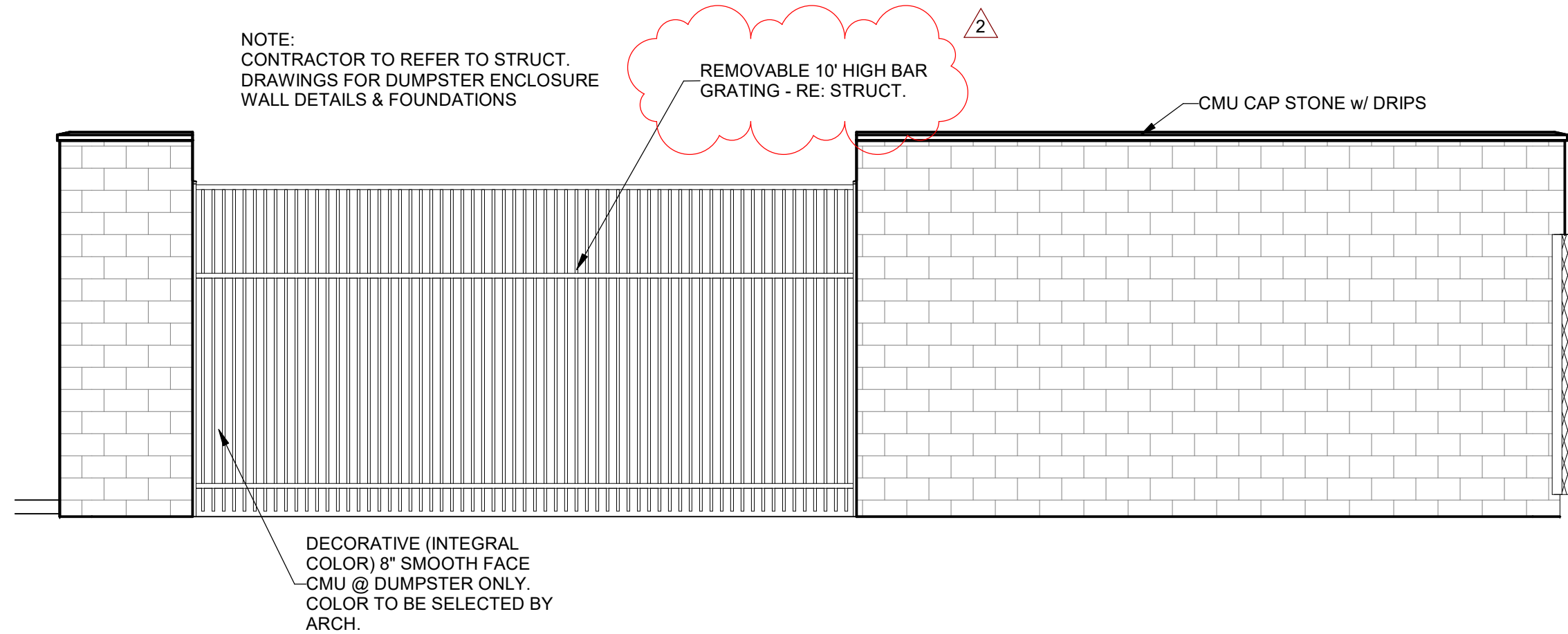
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SCALE: 1/4" = 1'-0"



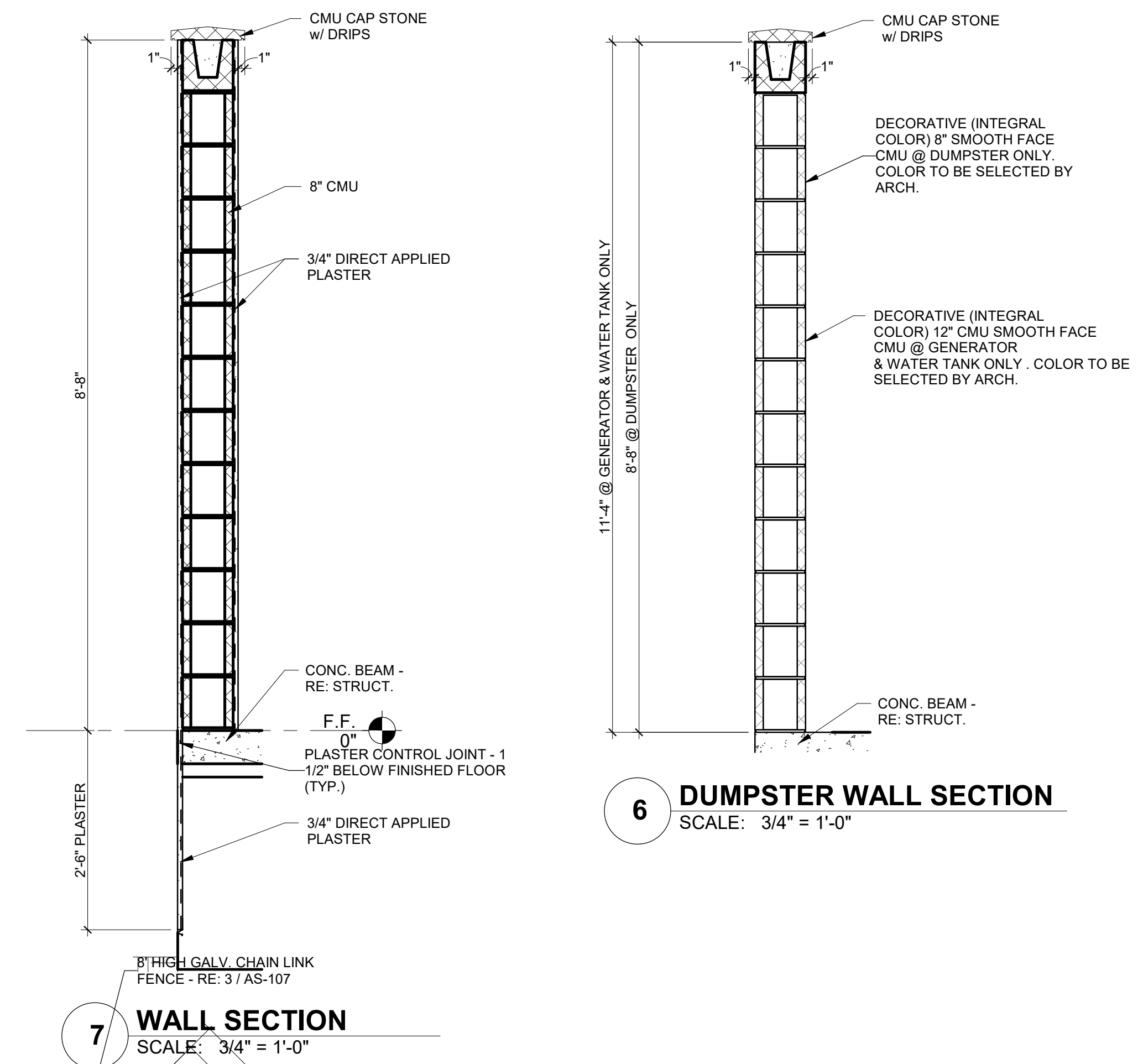
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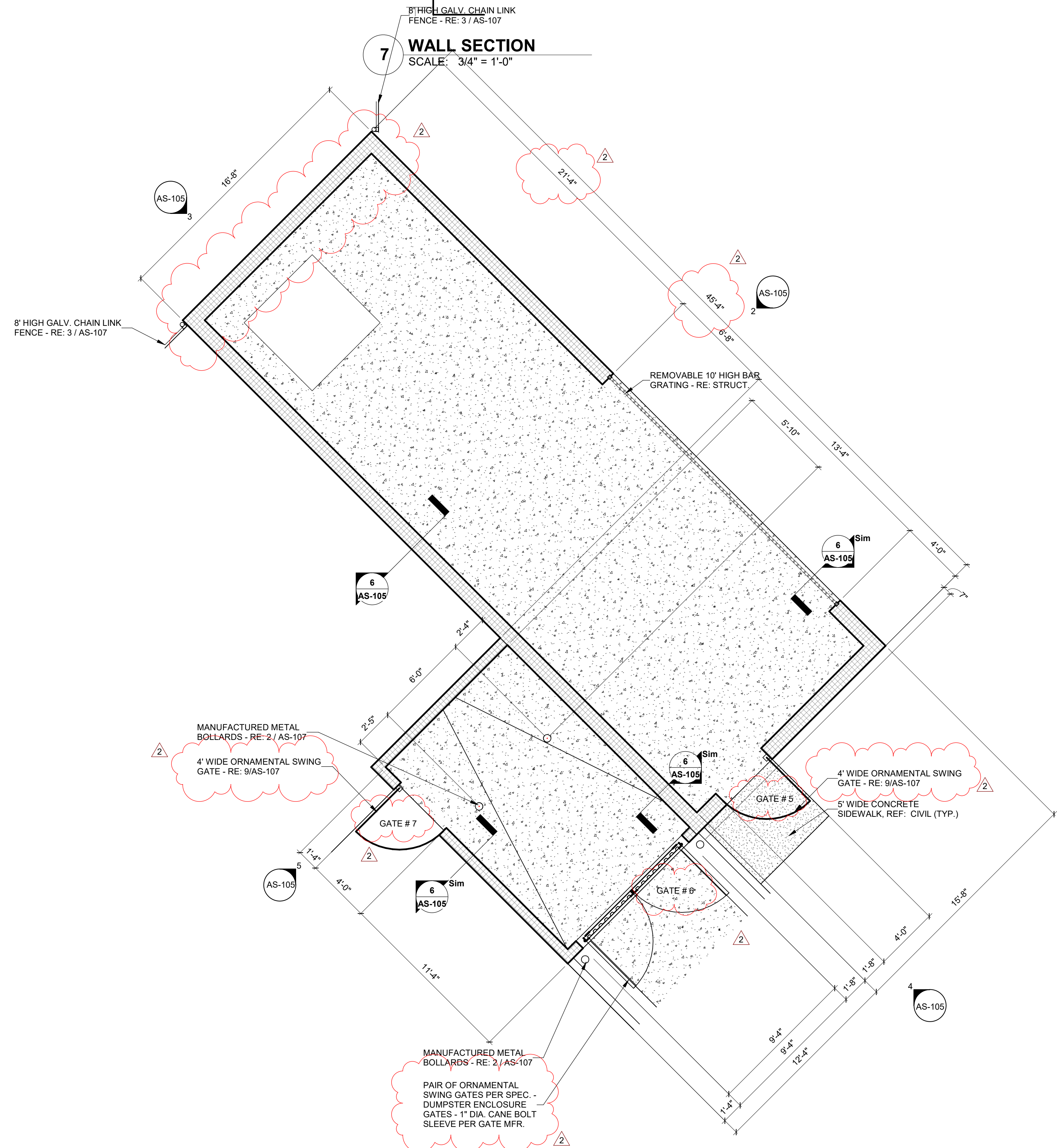
**3 DUMPSTER ELEVATION**  
SCALE: 1/4" = 1'-0"



**2 DUMPSTER ELEVATION**  
SCALE: 1/4" = 1'-0"



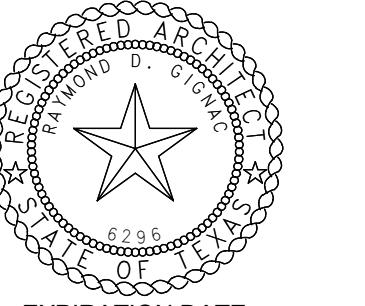
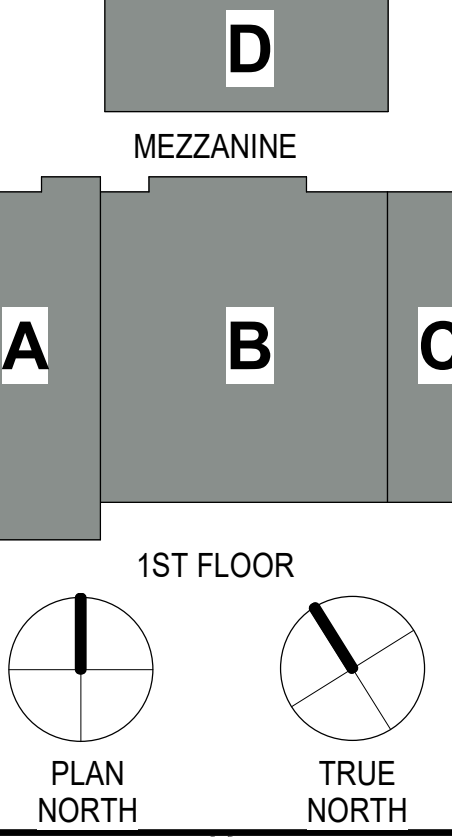
**6 DUMPSTER WALL SECTION**  
SCALE: 3/4" = 1'-0"




**1 ENLARGED SITE PLAN - DUMPSTERS**  
SCALE: 1/4" = 1'-0"



**CITY OF PORT ARANSAS  
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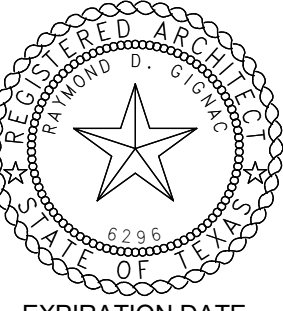
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**ENLARGED SITE  
PLANS**



**CONSULTANTS:**  
**ENVIRONMENTAL:**  
 CUBAN ENGINEERING  
 2505 W. HANTNER  
 CORPUS CHRISTI, TEXAS 78404  
 861.854.3101  
**STRUCTURAL:**  
 GREEN, RUBIANO & ASSOCIATES  
 20 W. HARRISON AVE.  
 DUBLINGLIM, TEXAS 78550  
 356.428.4461  
**WATER SUPPLY:**  
 52 CONSULTING ENGINEERS  
 300 W. INTERSTATE 10, STE. 312  
 SAN ANTONIO, TEXAS 78230  
 510.736.4265  
**WASTEWATER TREATMENT / IRRIGATION:**  
 SCLA, INC.  
 33 SARATOGA BLVD. #116  
 CORPUS CHRISTI, TEXAS 78413  
 361.288.2335



MEZZANINE



Project Number: 18.22  
 Reviewing Date: 5/18/2023  
 Reviewer: JJS  
 Checked: Checker

Description	Date
Addenda #1	5-31-23
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# ENLARGED SITE PLANS

# AS-106

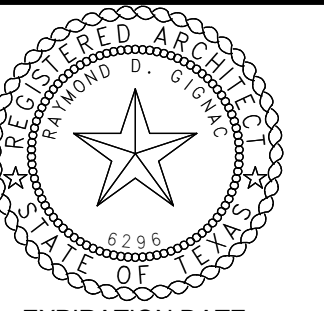
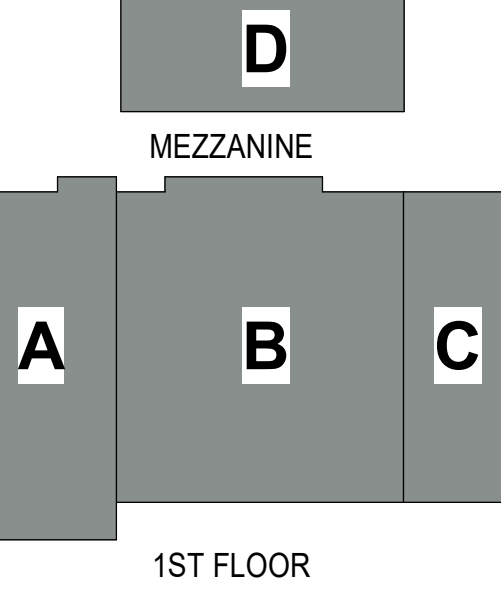



**1 ENLARGED SITE PLAN - RAMP**  
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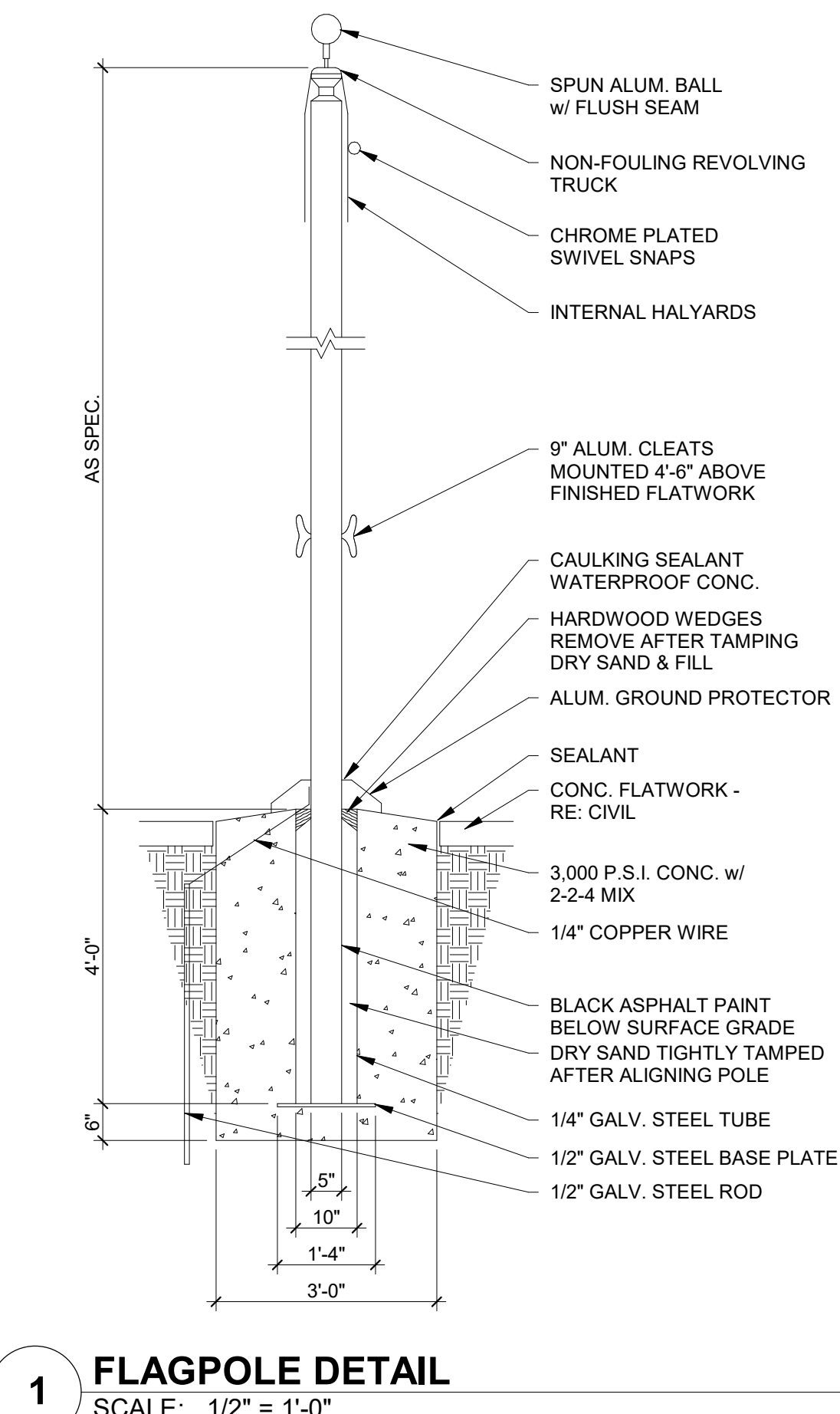
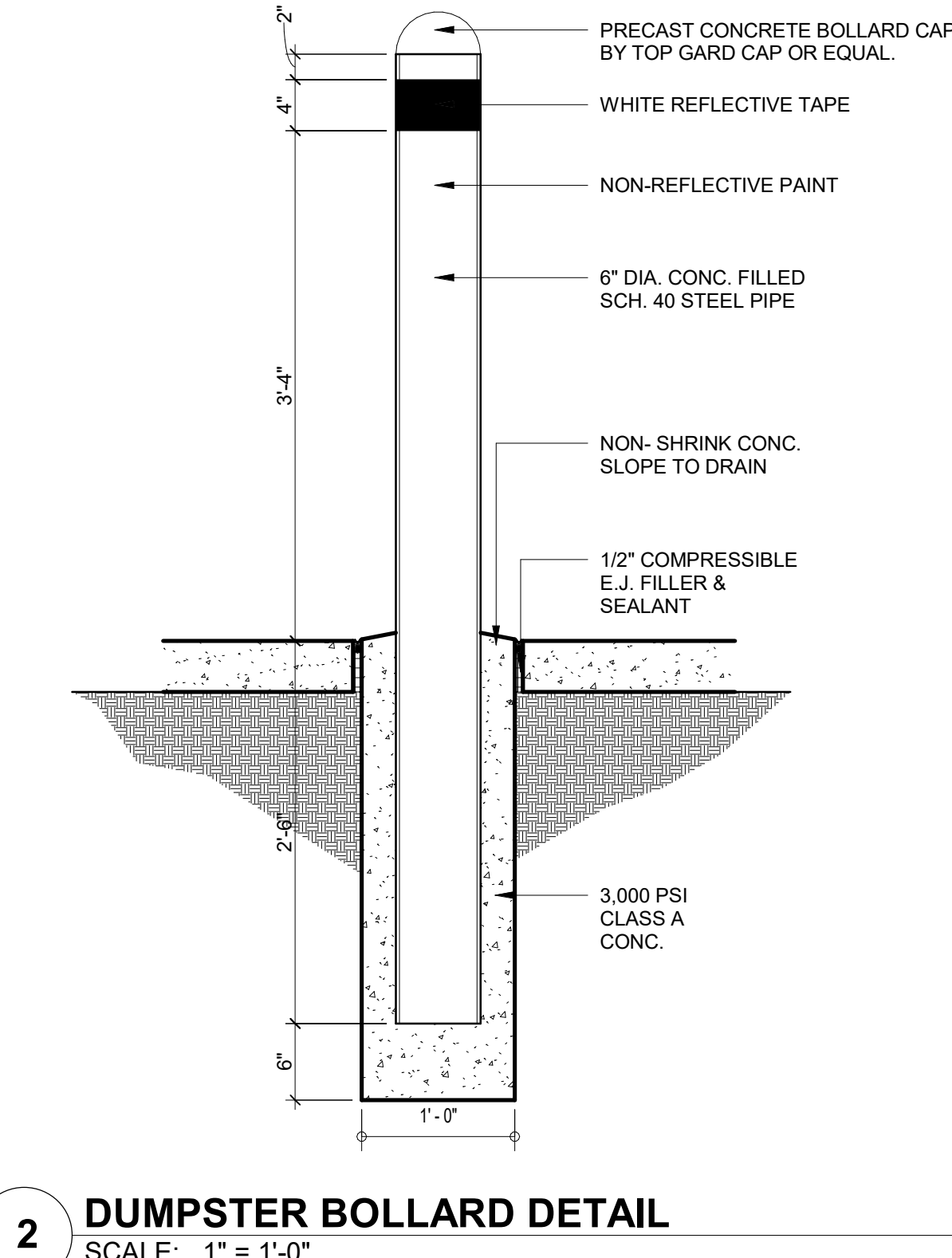
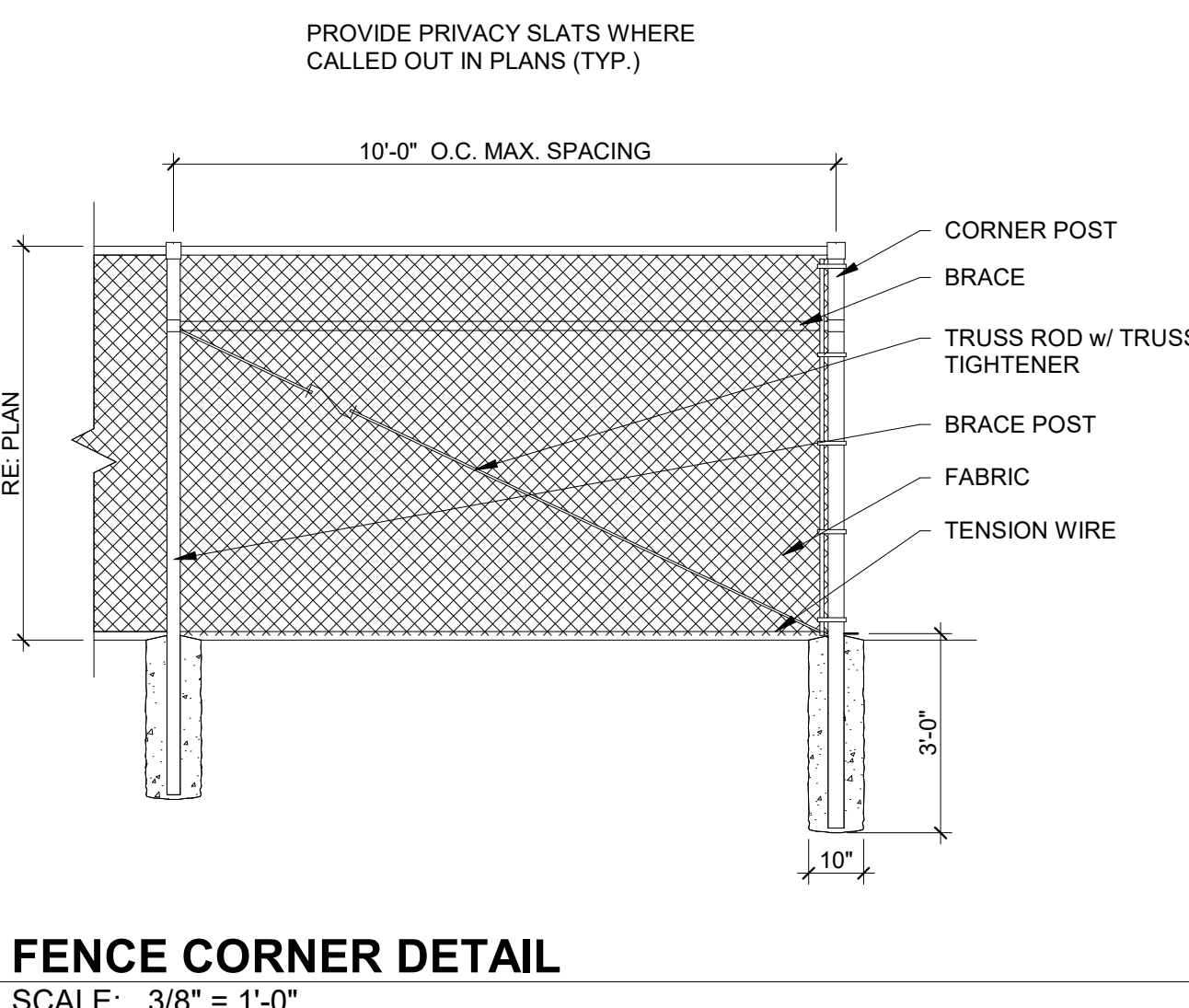
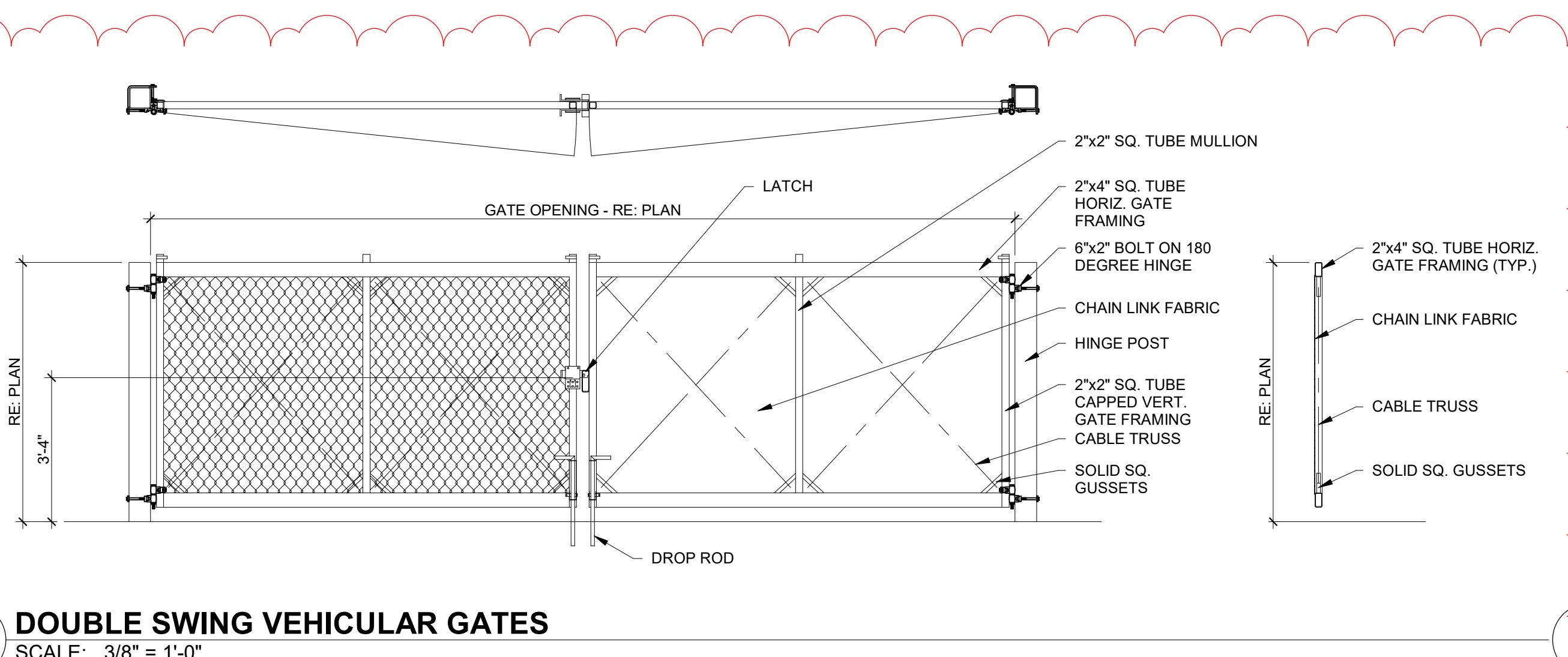
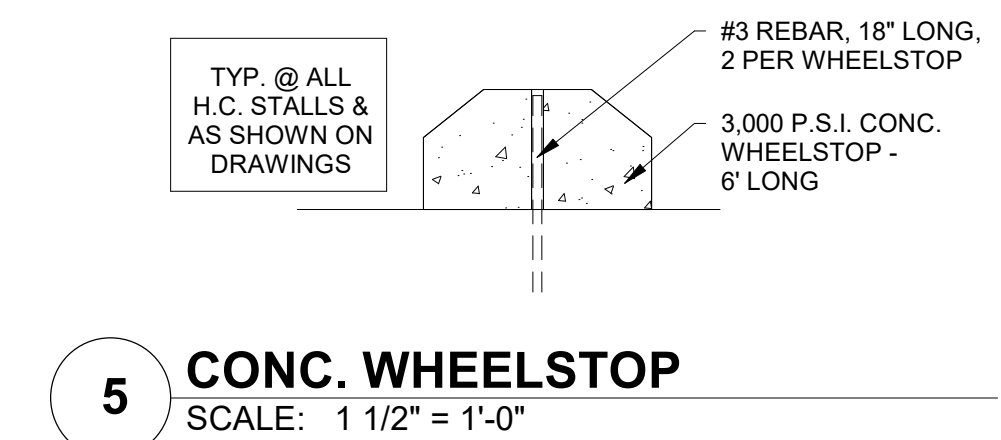
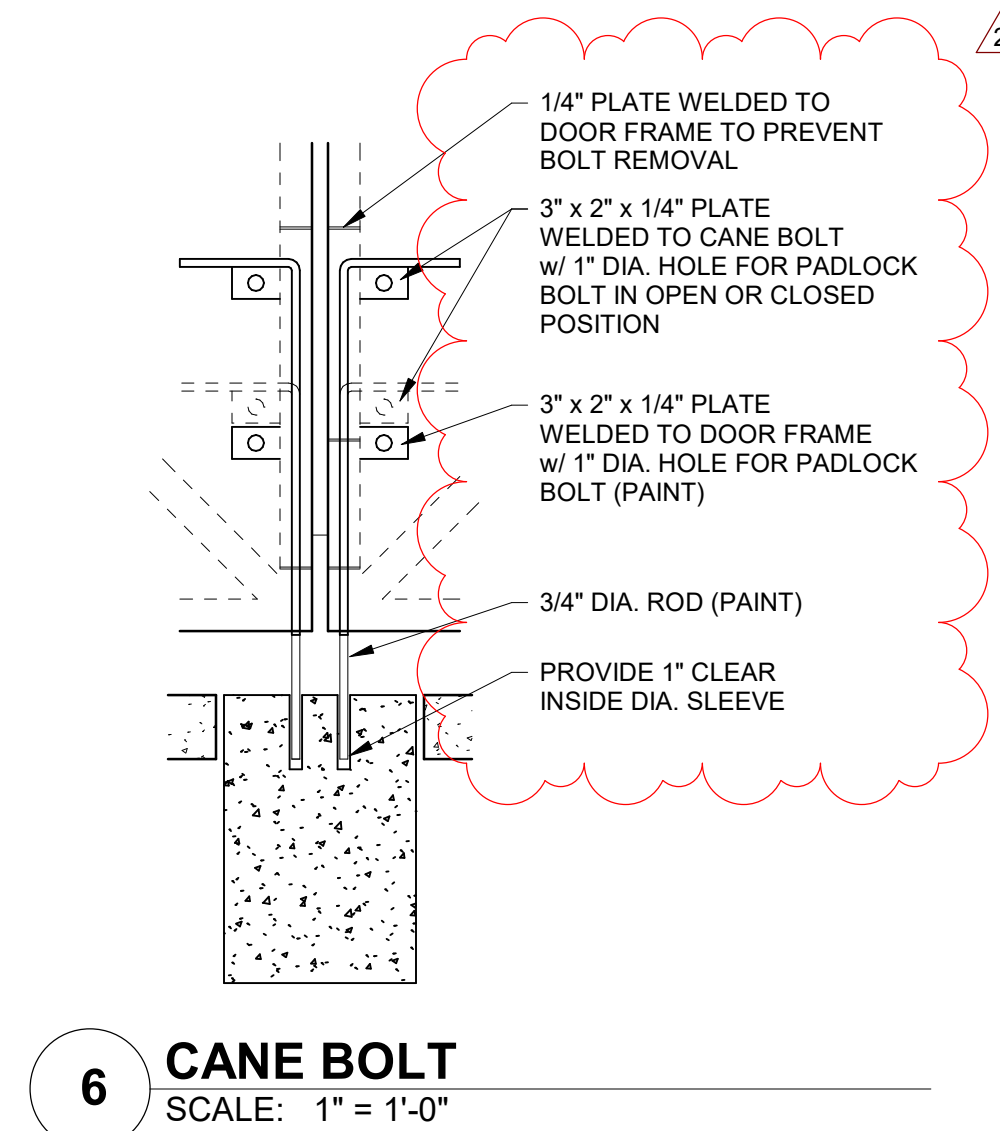
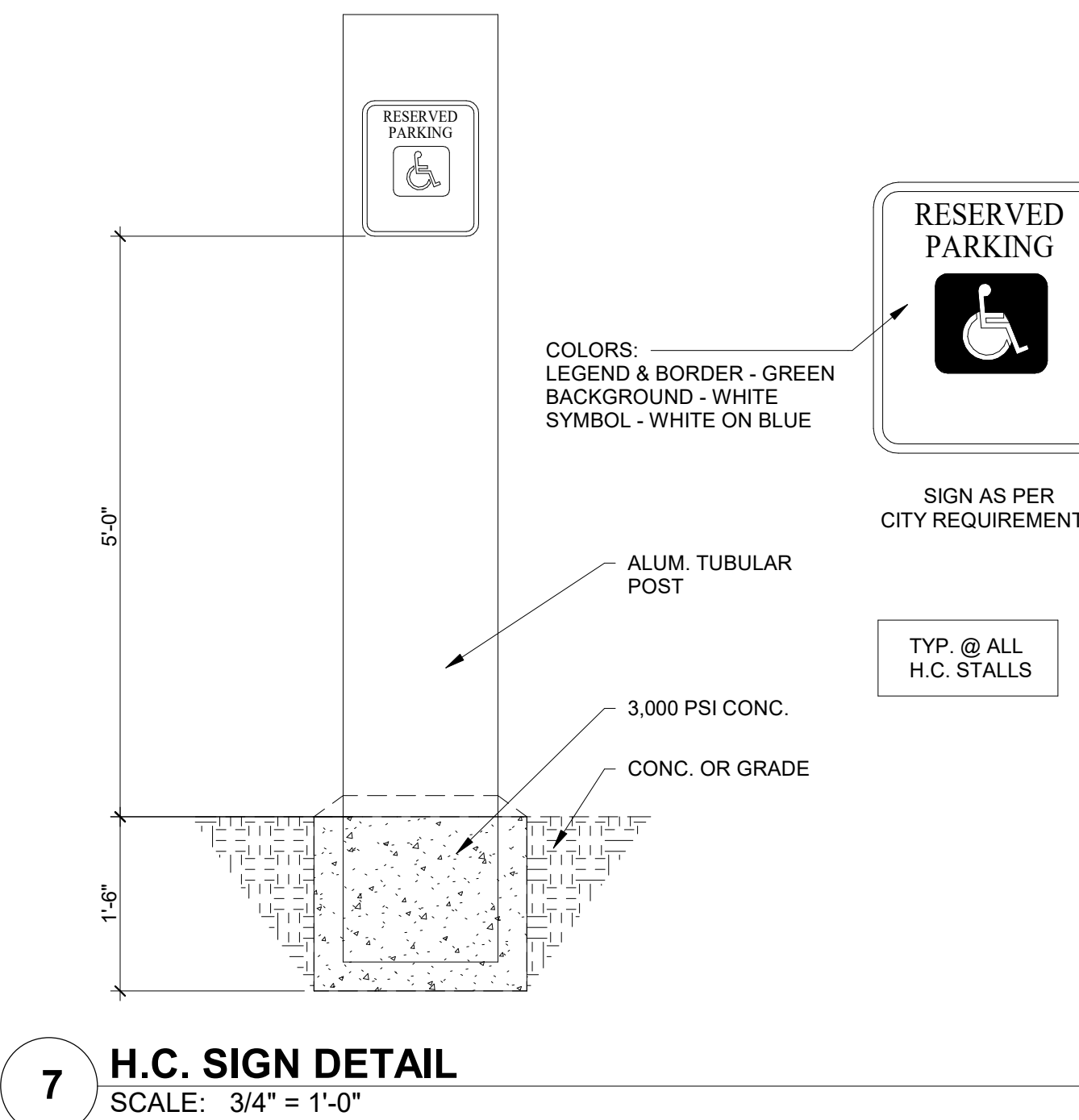
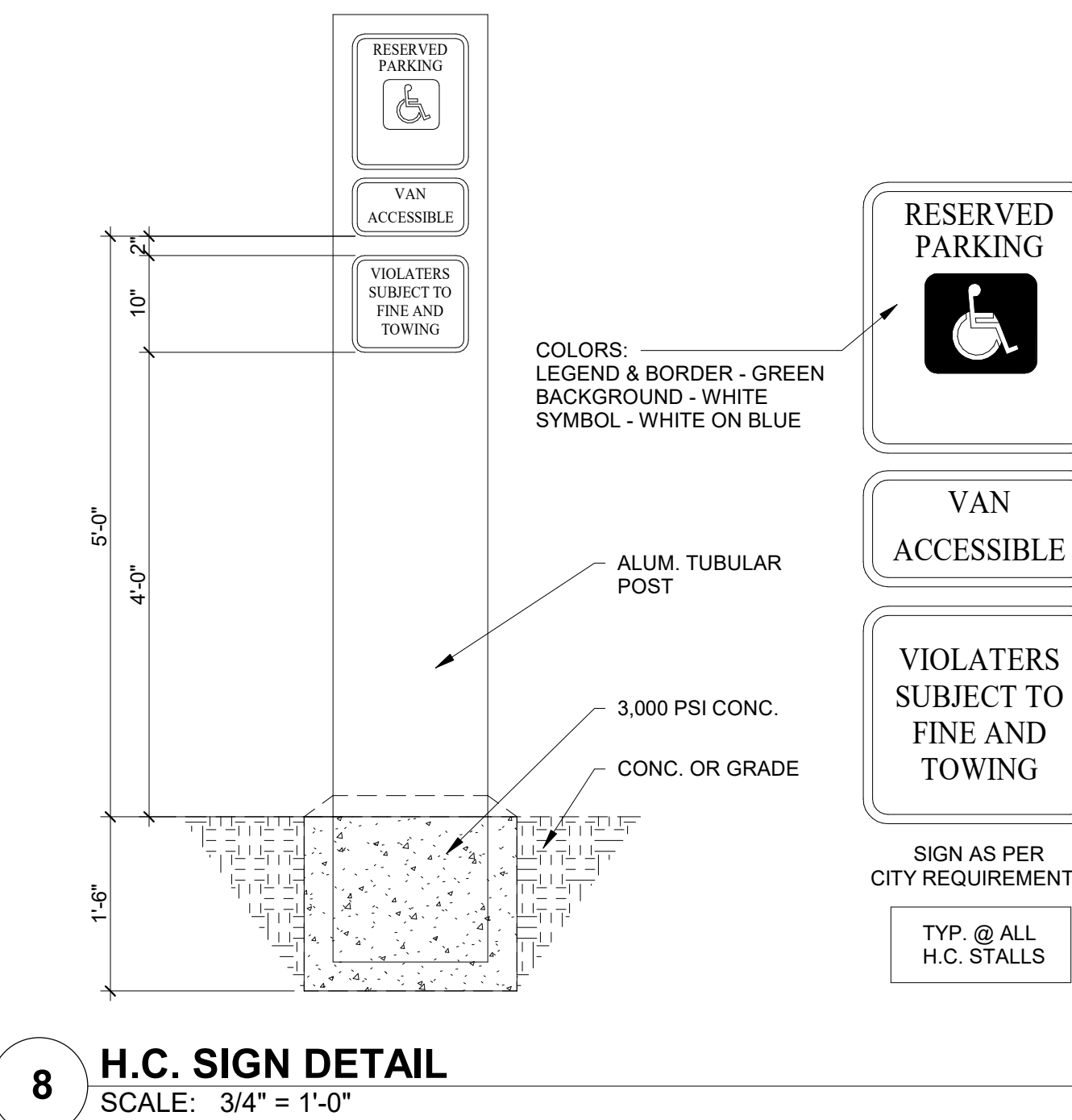
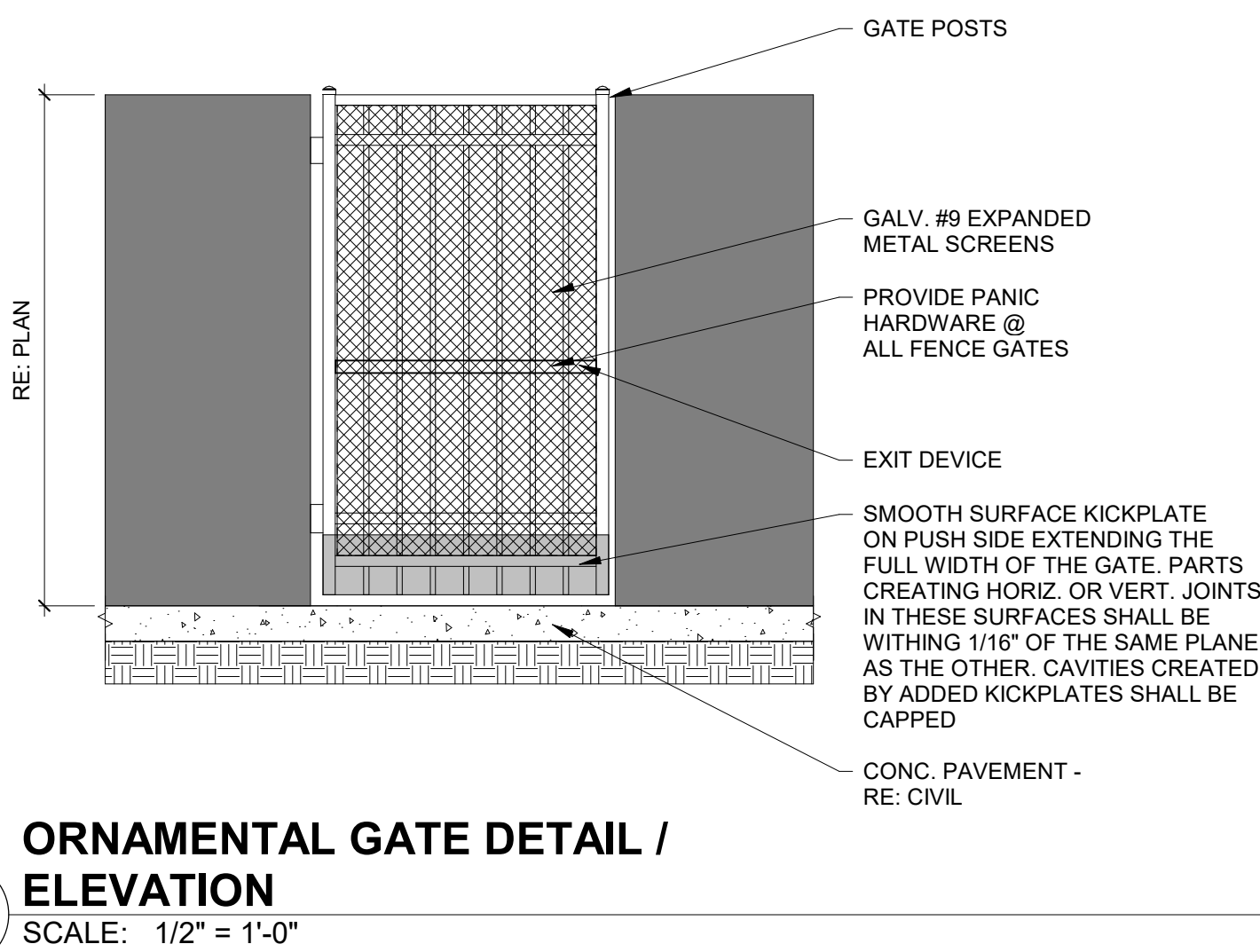
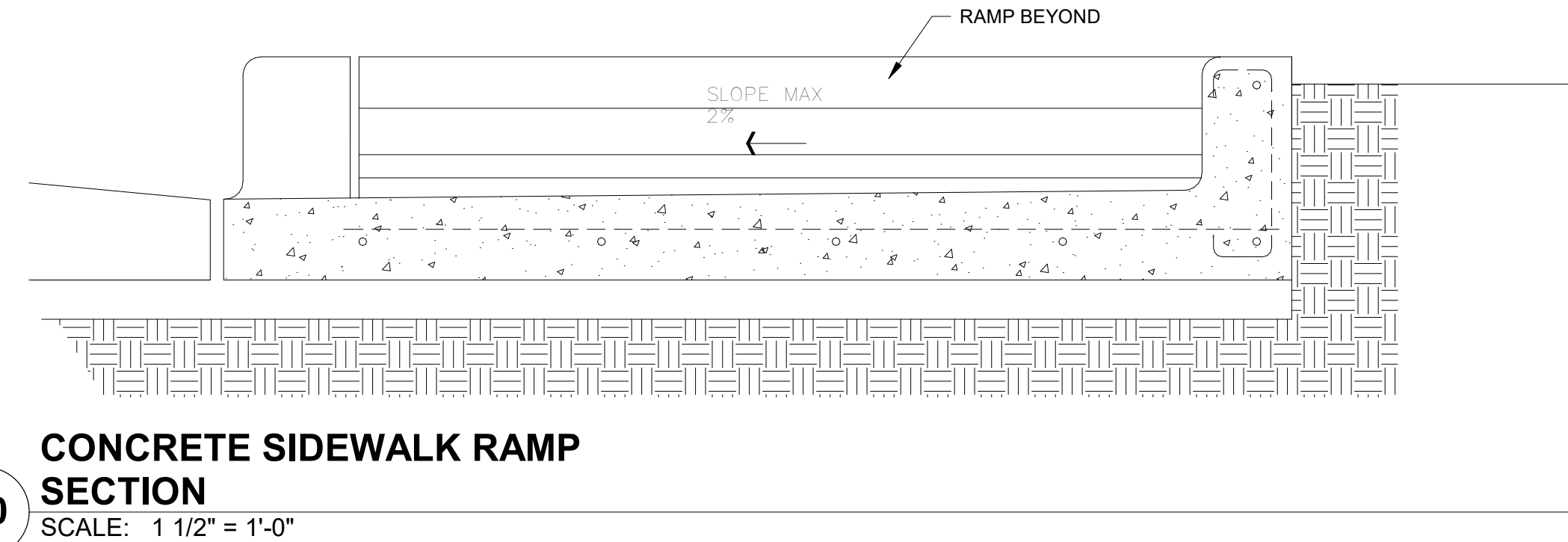
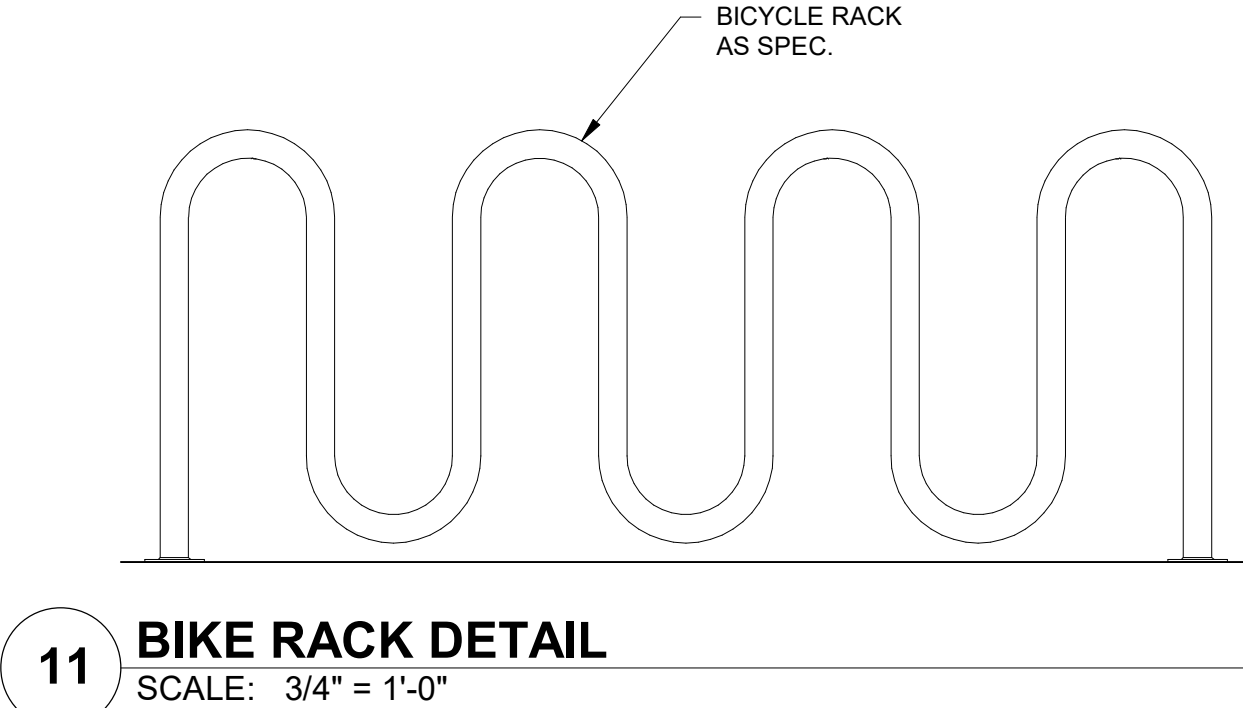
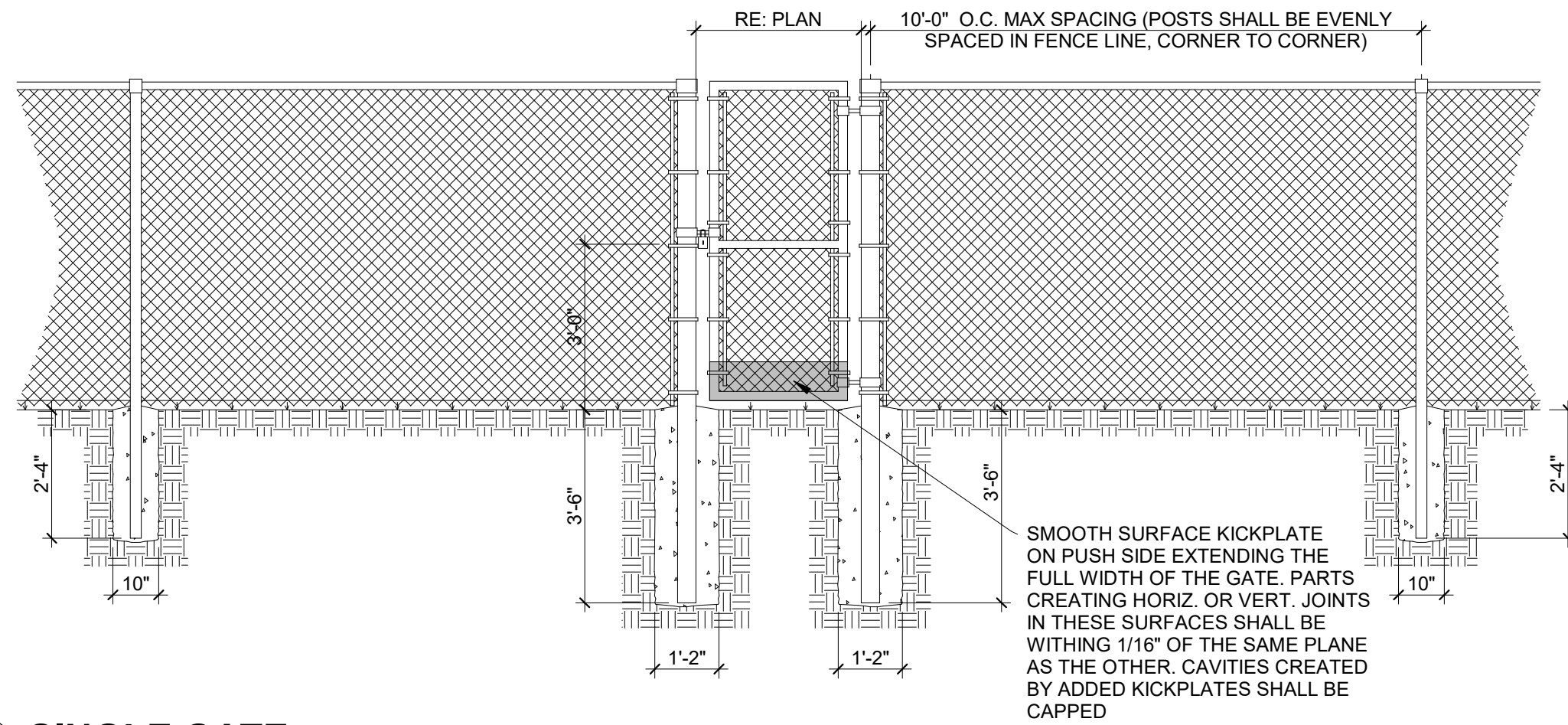


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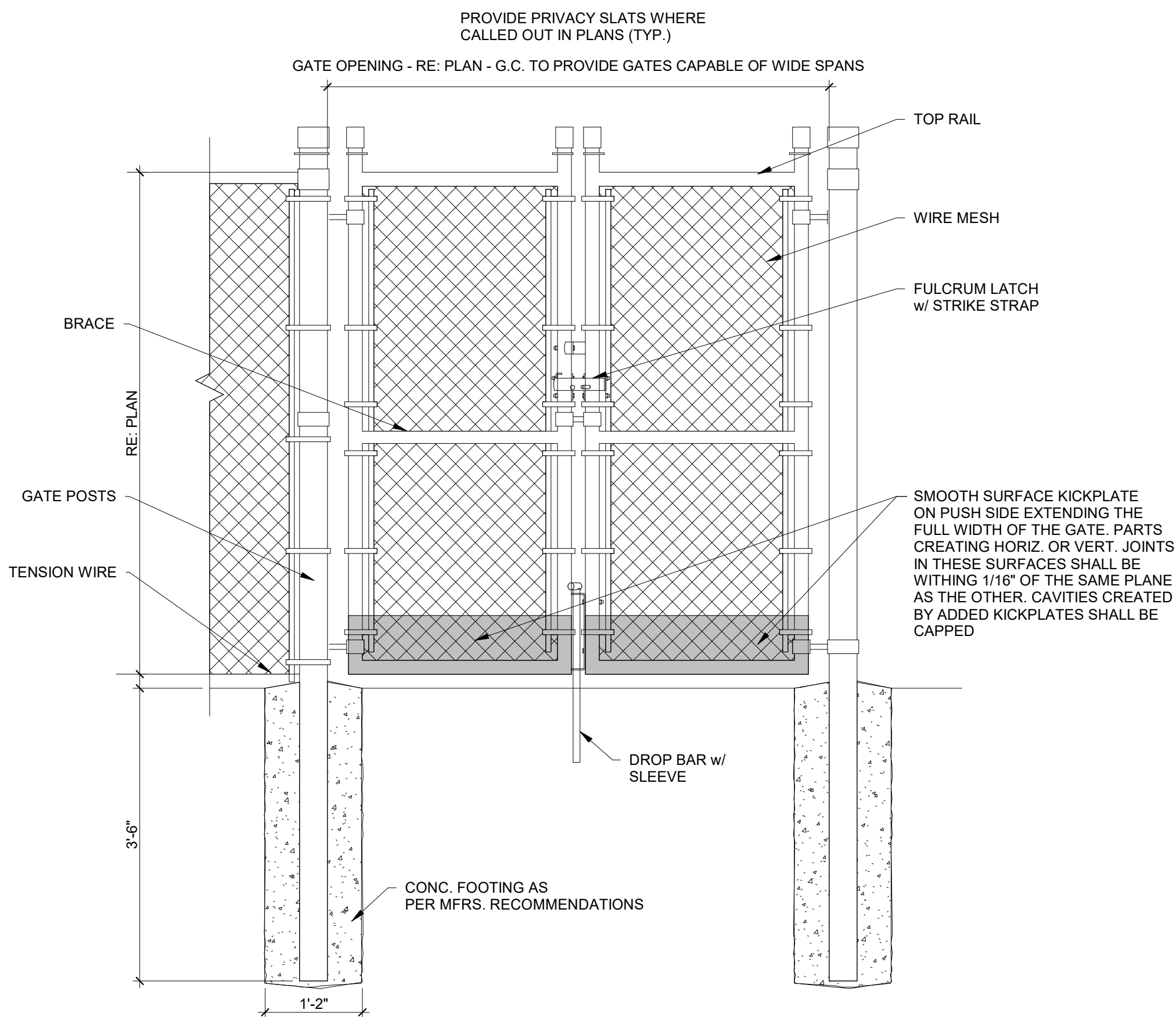
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**SITE DETAILS**





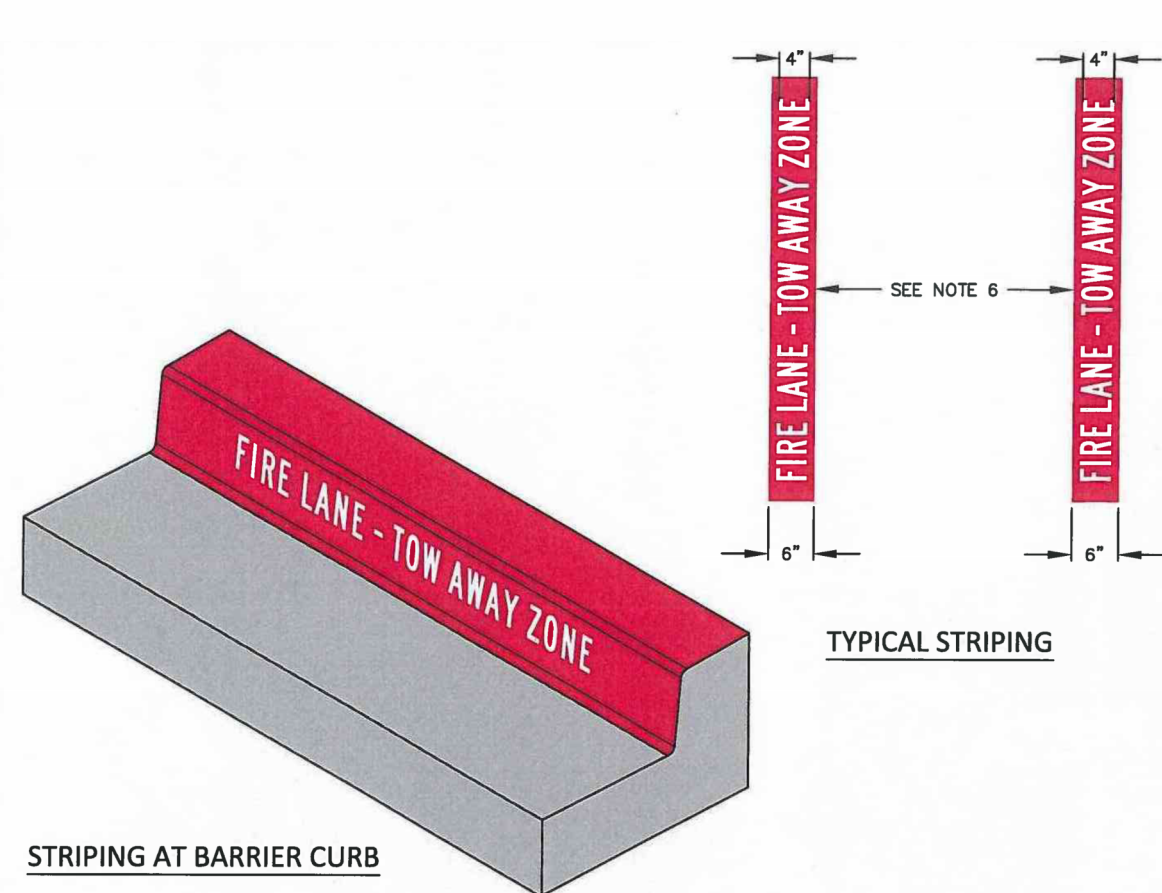
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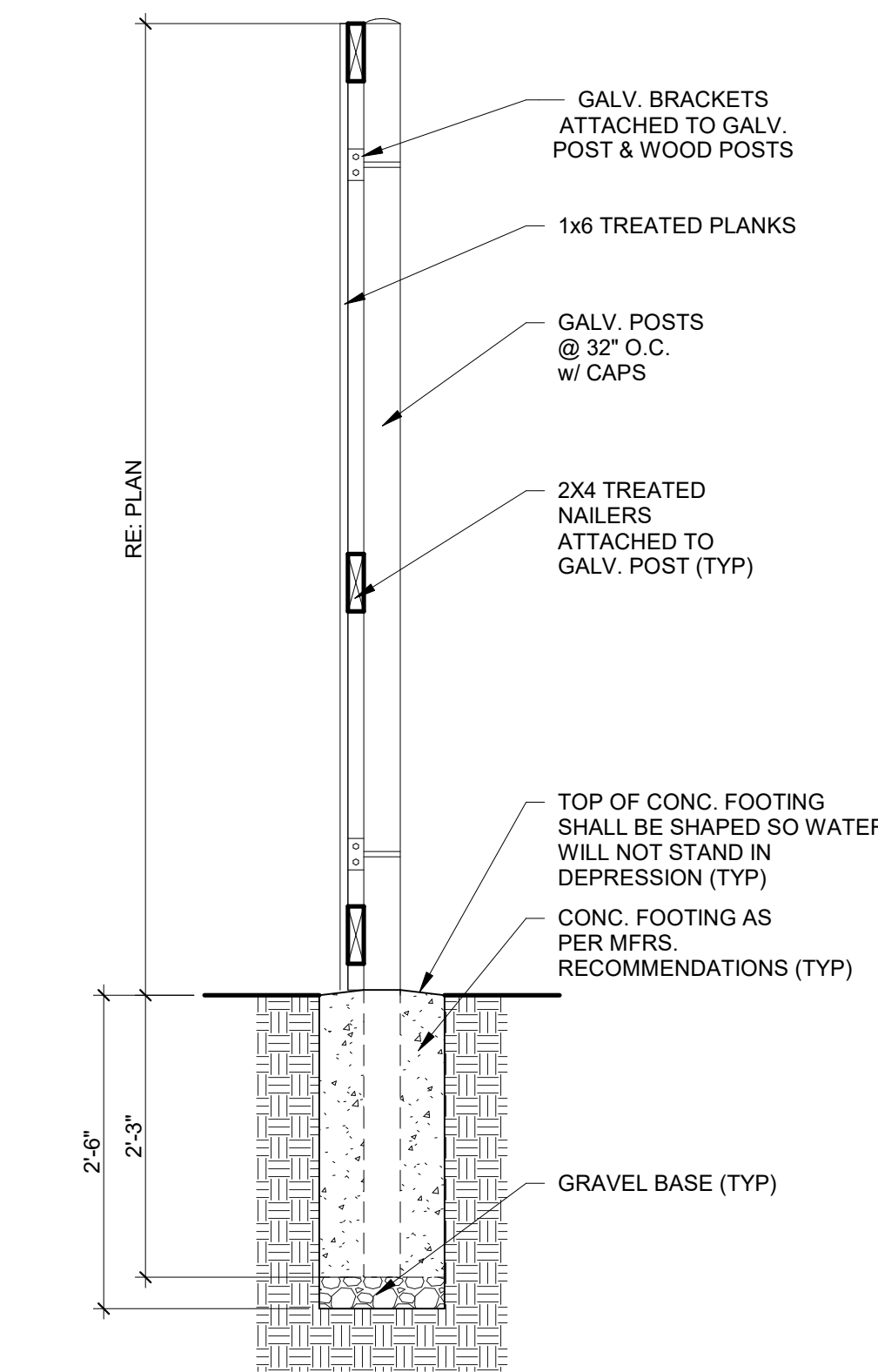
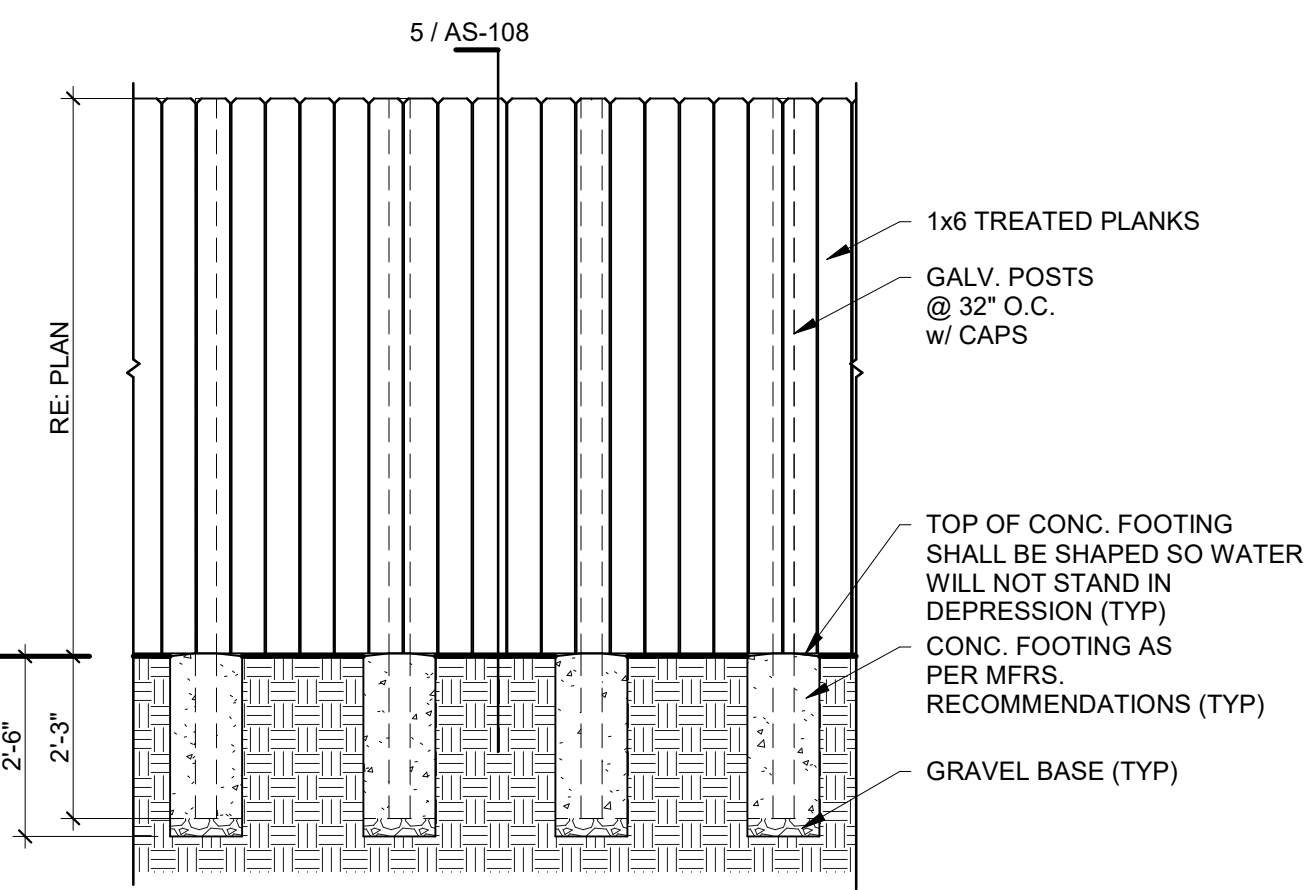
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SCALE: 1/2" = 1'-0"



### 4 WOOD FENCE ELEV.

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

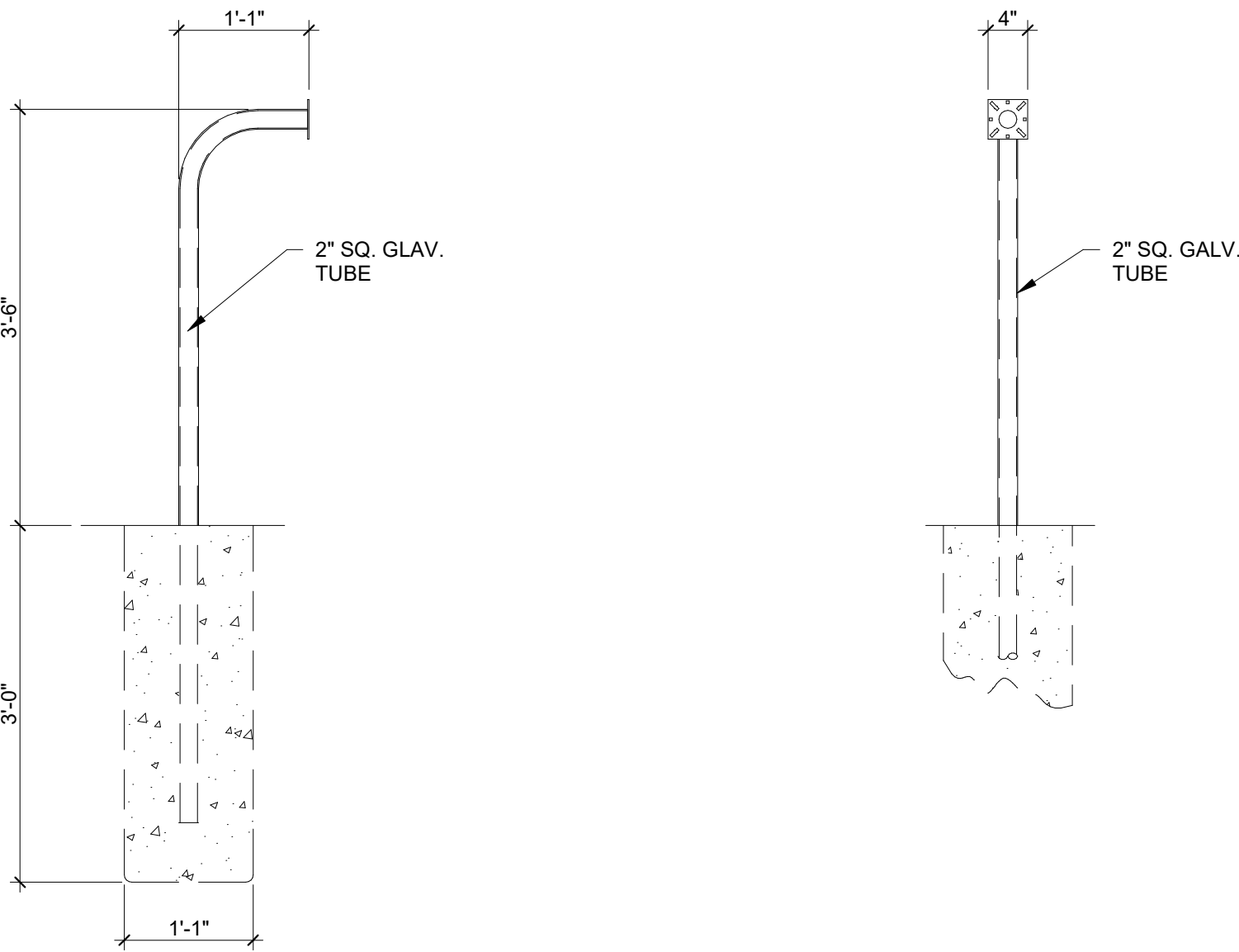


### 5 WOOD FENCE SECTION

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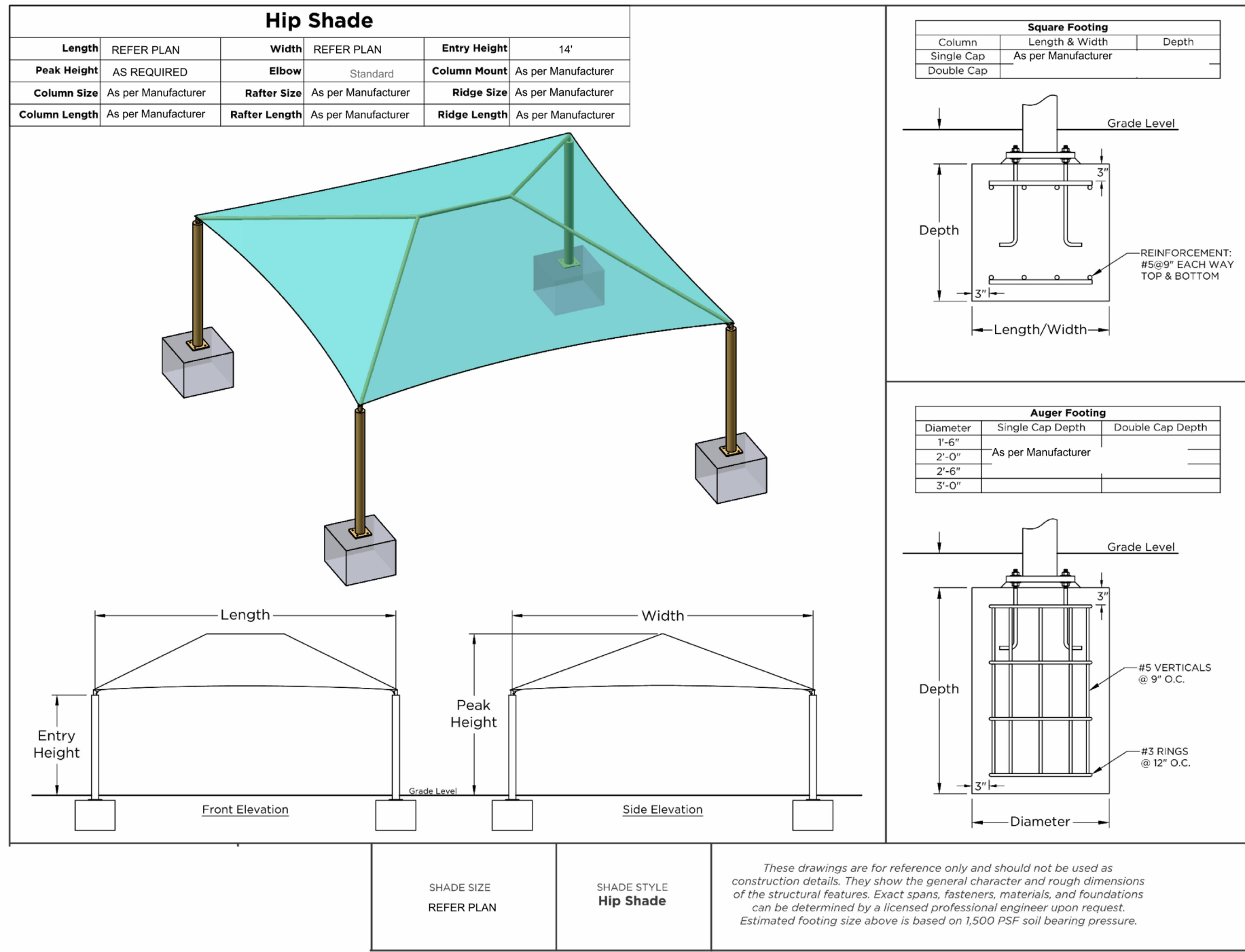
### 7 PEDESTAL DETAIL

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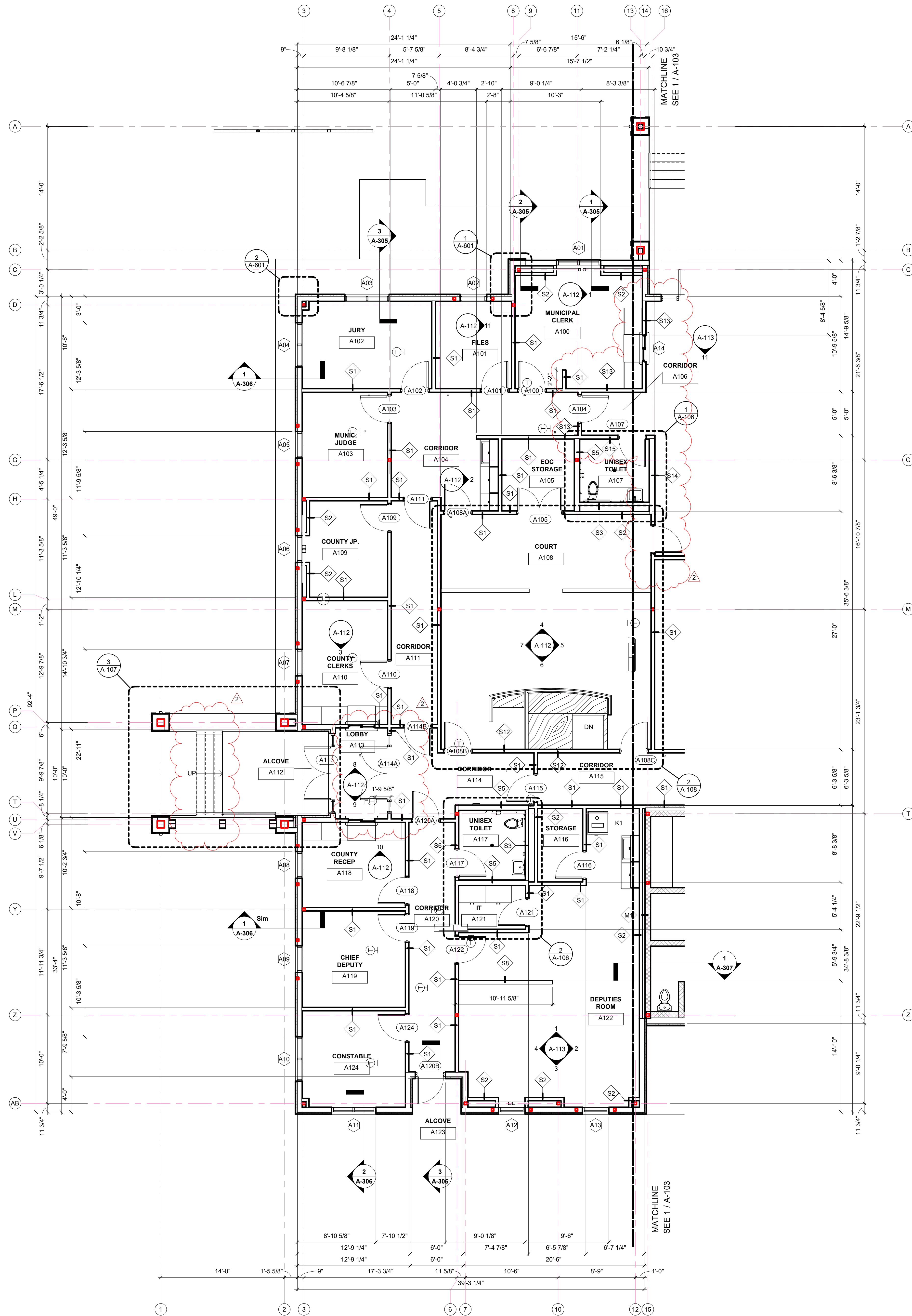
### 6 SHADE STRUCTURE DETAILS

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



PIER & FOUNDATIONS REQUIRED FOR THE SHADE STRUCTURE ARE TO BE BY THE SHADE STRUCTURE MFR., INCLUDING WINDSTORM CERTIFICATION





**1 FLOOR PLAN - AREA 'A'**  
SCALE: 3/16" = 1'-0"

**GENERAL PLAN NOTES**

1. THE CONTRACTOR SHALL CAREFULLY REVIEW THE DRAWINGS, SPECIFICATIONS, DIMENSIONS AND SITE CONDITIONS PRIOR TO BEGINNING ANY WORK AND REPORT ANY INCONSISTENCIES OR DISCREPANCIES TO THE ARCHITECT IMMEDIATELY FOR RESOLUTION BEFORE BEGINNING CONSTRUCTION.
2. THE DRAWINGS AND SPECIFICATIONS ARE CORRELATIVE AND HAVE EQUAL AUTHORITY AND PRIORITY. BASE DISAGREEMENTS ON THEMSELVES OR IN EACH OTHER ON THE MOST EXPENSIVE COMBINATION OF QUANTITY AND QUALITY OF WORK INDICATED.
3. ITEMS SPECIFICALLY MENTIONED IN THE SPECIFICATIONS BUT NOT SHOWN ON THE DRAWINGS OR ITEMS SHOWN ON THE DRAWINGS BUT NOT SPECIFICALLY MENTIONED IN THE SPECIFICATIONS SHALL BE PROVIDED AS IF THEY WERE BOTH SPECIFIED AND SHOWN IN THE DRAWINGS.
4. ALL MINOR DETAILS OF WORK WHICH ARE NOT SPECIFICALLY SHOWN ON THE DRAWINGS, AS WELL AS SUCH ITEMS WHICH ARE NOT SPECIFICALLY MENTIONED IN THE SPECIFICATIONS, BUT ARE NECESSARY FOR THE PROPER COMPLETION OF THE WORK, SHALL BE CONSIDERED AS INCIDENTAL AND AS BEING PART OF AND INCLUDED WITH THE WORK FOR WHICH PRICES ARE GIVEN IN THE PROPOSAL AND NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE PERFORMANCE THEREOF.
5. ALL FLOOR PLAN DIMENSIONS ARE TO FACE OF CMU, MASONRY OR METAL STUD WALL(S) UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWINGS. WHERE DIMENSIONS ARE NOTED "AS CLEAR" DIMENSION SHALL BE FROM FINISH TO FINISH.
6. CASEWORK, PLUMBING FIXTURES, TOILET PARTITIONS, AND OTHER FIXTURES AND EQUIPMENT ARE DIMENSIONED FROM FINISHED SURFACES UNLESS NOTED OTHERWISE.
7. ALL SPACES WITH FLOOR DRAINS - SLOPE NOT TO EXCEED 2% (ONE - IN - FIFTY) IN ANY DIRECTION. COORDINATE ALL FLOOR DRAINS WITH PLUMBING DRAWINGS PRIOR TO ANY ROUGH-IN AND CONCRETE PLACEMENT.
8. DIMENSIONS NOTED AS "FIELD VERIFY" SHALL BE CHECKED AT THE SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCHITECT BEFORE INCORPORATING INTO THE WORK.
9. DIMENSIONS NOTED AS "CLEAR" REQUIRE SPECIFIC COORDINATION BETWEEN DISCIPLINES AND/OR MANUFACTURERS.
10. PROVIDE CORNERGUARDS AT ALL INTERIOR GYP. BOARD WALL CORNERS AS SPECIFIED.
11. ALL CMU CORNERS TO HAVE A BULLNOSE UNLESS NOTED OTHERWISE.
12. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS UNLESS NOTED OTHERWISE. ALL FLOOR FINISH ELEVATION CHANGES SHALL HAVE THRESHOLDS OR REDUCERS STRIPS AS SPECIFIED.
13. OPEN EXTERIOR JOINTS AROUND DOOR AND WINDOW FRAMES, BETWEEN WALLS AND FOUNDATION, BETWEEN WALLS AND ROOF, BETWEEN WALL PANELS, AT WALL AND ROOF PENETRATIONS AND ANY OTHER BUILDING ENVELOPE PENETRATION SHALL BE SEALED, CAULKED AND/OR WEATHER-STRIPPED TO PREVENT OR LIMIT AIR, MOISTURE AND VAPOR PENETRATION. USE ONLY SPECIFIED MANUFACTURER APPROVED MATERIALS AS DIRECTED BY MATERIAL MANUFACTURERS.
14. EFFECTIVELY ISOLATE ALL DISSIMILAR METALS/ MATERIALS TO PREVENT CORROSION BY ELECTROLYTIC ACTION OR OTHER CAUSES AS RECOMMENDED BY THE RESPECTIVE PRODUCT MANUFACTURER OR SUPPLIER.
15. PROPERLY TERMINATE ALL MATERIALS WITH APPROPRIATE TRIM, FLASHING, SEALANT, EXPANSION CONTROL, ETC. AS INDICATED ON DRAWINGS OR AS REQUIRED FOR PROPER INSTALLATION AS ACCEPTED BY STANDARD BUILDING PRACTICE.
16. COORDINATE AND PROVIDE APPROPRIATE BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EQUIPMENT, HANDRAILS, CASEWORK, ETC. AS REQUIRED. WOOD BLOCKING SHALL MEET CODE REQUIREMENTS.
17. SINGLE USER TOILET ROOMS MAY BE CONFIGURED IN ACCORDANCE WITH TECHNICAL MEMORANDUM TM 03-02 ISSUED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATIONS, ARCHITECTURAL BARRIERS DIVISION ALLOWING THE DOOR SWING TO ENCRONCH INTO THE 5'0" DIAMETER TURNING CIRCLE SPACE SO LONG AS A CLEAR FLOOR SPACE OF 30" X 48" IS PROVIDED.
18. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES AND HEIGHTS. COORDINATE ALL LIGHT FIXTURES, MECHANICAL DIFFUSERS, NOTIFICATION DEVICES, ETC. WITH MEP DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR RESOLUTION.
19. REFER TO SHEET A-601 FOR ALL PARTITION TYPES.
20. COORDINATE HOUSEKEEPING PAD DIMENSIONS AND LOCATIONS WITH EQUIPMENT TO BE INSTALLED. ALL HOUSEKEEPING PADS SHALL BE A MINIMUM OF 4" TALL REINF. W/ #3 BARS AT 16" O.C.B.W. AND PROVIDE 1" (45- DEGREE) CHAMFERED EDGES UNLESS NOTED OTHERWISE.
21. ALL DOORS IN INTERIOR CMU WALLS & EXTERIOR MASONRY WALLS SHALL BE SET A MINIMUM OF 6" OFF THE PERPENDICULAR ADJACENT WALL ON THE HINGE SIDE OF THE DOOR UNLESS OTHERWISE NOTED. ALL INTERIOR DOORS IN STUD WALL ASSEMBLIES SHALL BE SET A MINIMUM OF 4" OFF THE PERPENDICULAR ADJACENT WALL ON THE HINGE SIDE OF THE DOOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS FOR RESOLUTION.
22. SET ALL EXTERIOR DOOR THRESHOLDS IN FULL BED OF MANUFACTURER APPROVED SEALANT IN ACCORDANCE WITH MANUFACTURER INSTALLATION INSTRUCTIONS.
23. REFER TO SHEET G-002 FOR MOUNTING HEIGHTS OF FIXTURES AND EQUIPMENT AS SCHEDULED. REFER TO THE TEXAS DEPARTMENT OF LICENSING AND REGULATIONS, ARCHITECTURAL BARRIERS DIVISION TEXAS ACCESSIBILITY STANDARDS FOR ALL MOUNTING HEIGHTS NOT LISTED AND FOR FURTHER CLARIFICATION AS NEEDED.

416 STARR STREET  
CORPUS CHRISTI, TEXAS 78401  
T 361.884.2661  
F 361.884.4232  
222 E. VAN BUREN, SUITE 102  
HARLINGEN, TEXAS 78550  
T 956.365.4820  
F 956.365.4822  
3700 N. 10th, SUITE 205  
MCALLEN, TEXAS 78501  
T 956.686.0100

**CONSULTANTS**  
**CIVIL:**

URBAN ENGINEERING  
2725 SWANTNER  
CORPUS CHRISTI, TEXAS 78404  
T 361.854.3101

**STRUCTURAL:**

GREEN, RUBIANO & ASSOCIATES  
1220 W. HARRISON AVE.  
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T 956.428.4461

**MEP:**

MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

**LANDSCAPE / IRRIGATION:**

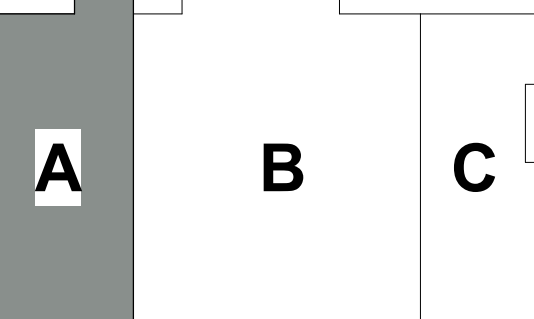
ADLA, INC.  
4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



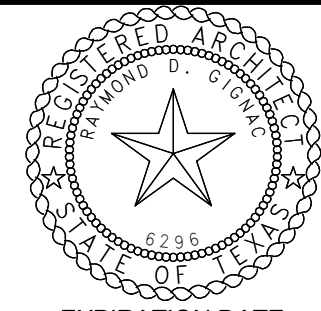
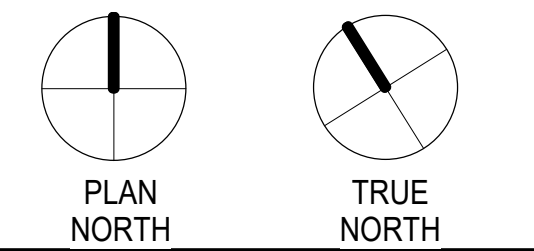
**CITY OF PORT ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

**D**

MEZZANINE



1ST FLOOR



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: JUS  
Checked: Checker

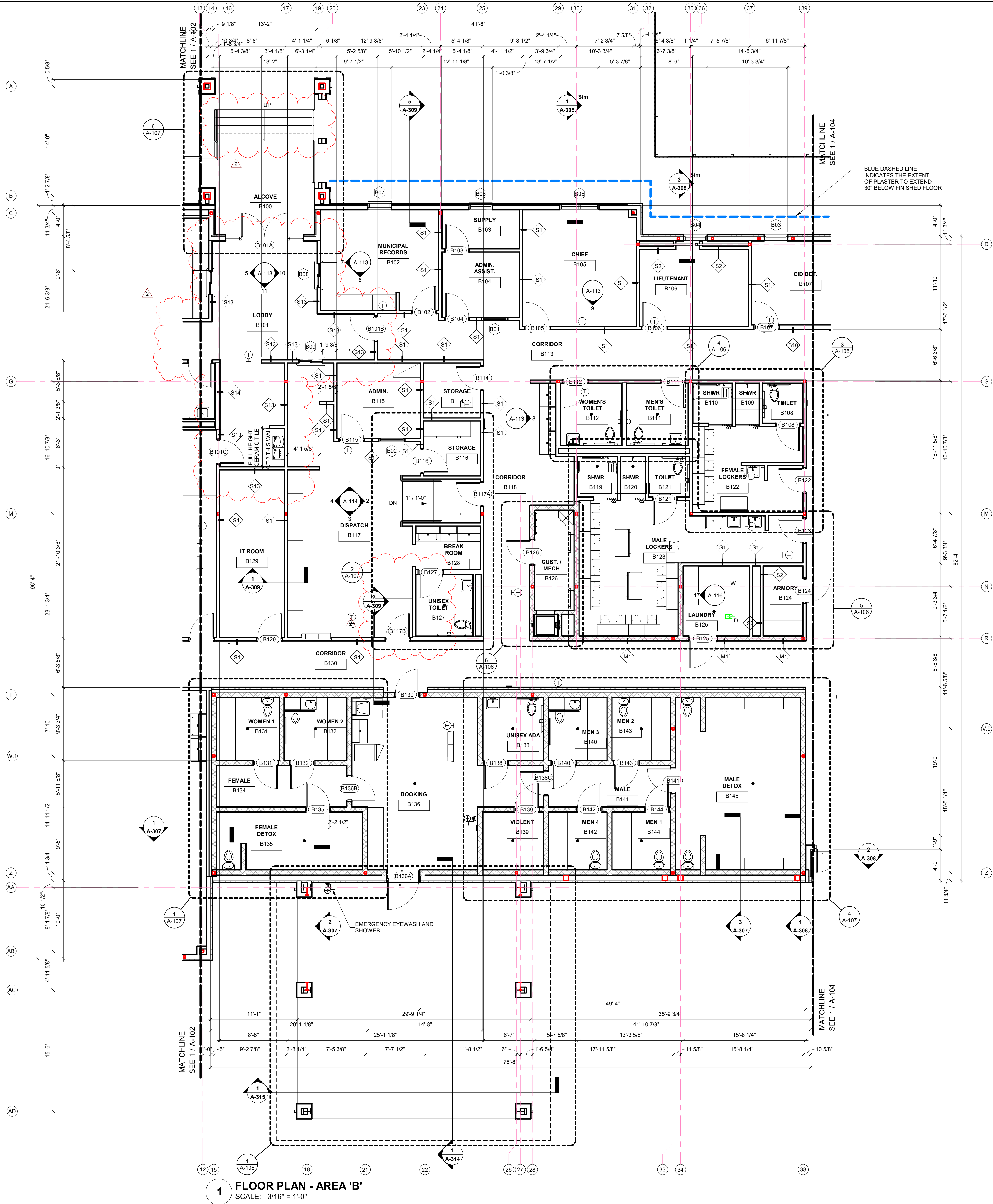
Revisions:

No.	Description	Date
2	Addenda #2	6-15-23

Sheet Title:

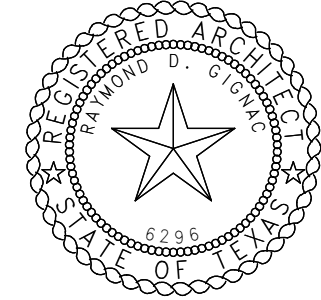
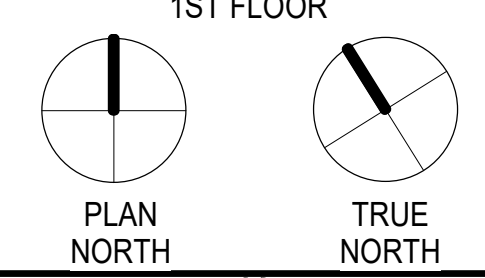
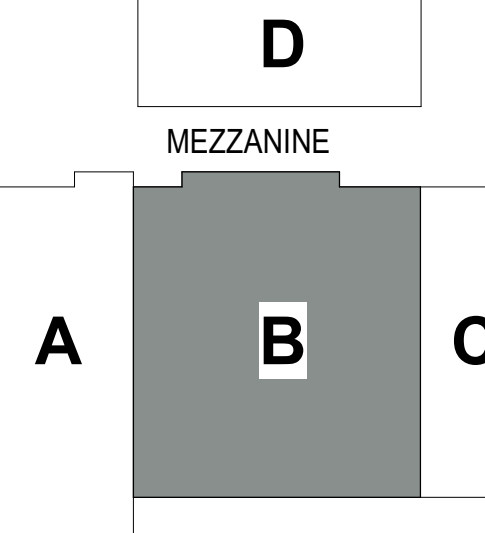
**FLOOR PLAN - AREA  
'A'**





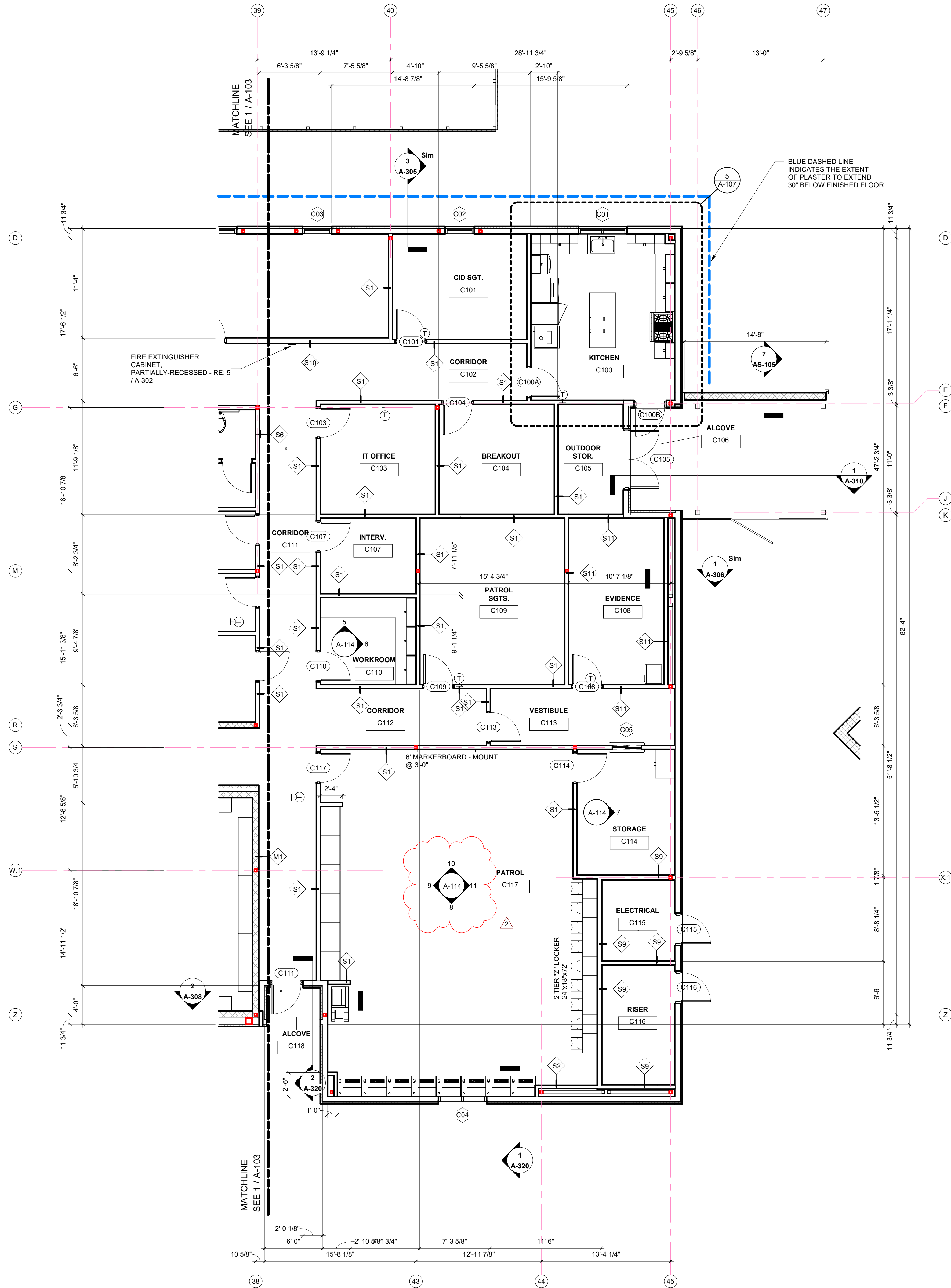
1 FLOOR PLAN - AREA 'B'  
SCALE: 3/16" = 1'-0"

- GENERAL PLAN NOTES**
1. THE CONTRACTOR SHALL CAREFULLY REVIEW THE DRAWINGS, SPECIFICATIONS, DIMENSIONS AND SITE CONDITIONS PRIOR TO BEGINNING ANY WORK AND REPORT ANY INCONSISTENCIES OR DISCREPANCIES TO THE ARCHITECT IMMEDIATELY FOR RESOLUTION BEFORE BEGINNING CONSTRUCTION.
  2. THE DRAWINGS AND SPECIFICATIONS ARE CORRELATIVE AND HAVE EQUAL AUTHORITY AND PRIORITY. BASE DISAGREEMENTS IN THEMSELVES OR IN EACH OTHER ON THE MOST EXPENSIVE COMBINATION OF QUANTITY AND QUALITY OF WORK INDICATED.
  3. ITEMS SPECIFICALLY MENTIONED IN THE SPECIFICATIONS BUT NOT SHOWN ON THE DRAWINGS OR ITEMS SHOWN ON THE DRAWINGS BUT NOT SPECIFICALLY MENTIONED IN THE SPECIFICATIONS SHALL BE PROVIDED AS IF THEY WERE BOTH SPECIFIED AND SHOWN IN THE DRAWINGS.
  4. ALL MINOR DETAILS OF WORK WHICH ARE NOT SPECIFICALLY SHOWN ON THE DRAWINGS, AS WELL AS SUCH ITEMS WHICH ARE NOT SPECIFICALLY MENTIONED IN THE SPECIFICATIONS, BUT ARE NECESSARY FOR THE PROPER COMPLETION OF THE WORK, SHALL BE CONSIDERED AS INCIDENTAL AND AS BEING PART OF AND INCLUDED WITH THE WORK FOR WHICH PRICES ARE GIVEN IN THE PROPOSAL AND NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE PERFORMANCE THEREOF.
  5. ALL FLOOR PLAN DIMENSIONS ARE TO FACE OF CMU, MASONRY OR METAL STUD WALL(S) UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWINGS. WHERE DIMENSIONS ARE NOTED "AS CLEAR" DIMENSION SHALL BE FROM FINISH TO FINISH.
  6. CASEWORK, PLUMBING FIXTURES, TOILET PARTITIONS, AND OTHER FIXTURES AND EQUIPMENT ARE DIMENSIONED FROM FINISHED SURFACES UNLESS NOTED OTHERWISE.
  7. ALL SPACES WITH FLOOR DRAINS - SLOPE NOT TO EXCEED 2% (ONE - IN - FIFTY) IN ANY DIRECTION. COORDINATE ALL FLOOR DRAINS WITH PLUMBING DRAWINGS PRIOR TO ANY ROUGH-IN AND CONCRETE PLACEMENT.
  8. DIMENSIONS NOTED AS "FIELD VERIFY" SHALL BE CHECKED AT THE SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCHITECT BEFORE INCORPORATING INTO THE WORK.
  9. DIMENSIONS NOTED AS "CLEAR" REQUIRE SPECIFIC COORDINATION BETWEEN DISCIPLINES AND/OR MANUFACTURERS.
  10. PROVIDE CORNERGUARDS AT ALL INTERIOR GYP. BOARD WALL CORNERS AS SPECIFIED.
  11. ALL CMU CORNERS TO HAVE A BULLNOSE UNLESS NOTED OTHERWISE.
  12. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS UNLESS NOTED OTHERWISE. ALL FLOOR FINISH ELEVATION CHANGES SHALL HAVE THRESHOLDS OR REDUCERS STRIPS AS SPECIFIED.
  13. OPEN EXTERIOR JOINTS AROUND DOOR AND WINDOW FRAMES, BETWEEN WALLS AND FOUNDATION, BETWEEN WALLS AND ROOF, BETWEEN WALL PANELS AT WALL AND ROOF PENETRATIONS AND ANY OTHER BUILDING ENVELOPE PENETRATION SHALL BE SEALED, CAULKED AND/OR WEATHER-STRIPPED TO PREVENT OR LIMIT AIR, MOISTURE AND VAPOR PENETRATION. USE ONLY SPECIFIED MANUFACTURER APPROVED MATERIALS AS DIRECTED BY MATERIAL MANUFACTURERS.
  14. EFFECTIVELY ISOLATE ALL DISSIMILAR METALS/ MATERIALS TO PREVENT CORROSION BY ELECTROLYTIC ACTION OR OTHER CAUSES AS RECOMMENDED BY THE RESPECTIVE PRODUCT MANUFACTURER OR SUPPLIER.
  15. PROPERLY TERMINATE ALL MATERIALS WITH APPROPRIATE TRIM, FLASHING, SEALANT, EXPANSION CONTROL, ETC. AS INDICATED ON DRAWINGS OR AS REQUIRED FOR PROPER INSTALLATION AS ACCEPTED BY STANDARD BUILDING PRACTICE.
  16. COORDINATE AND PROVIDE APPROPRIATE BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EQUIPMENT, HANDRAILS, CASEWORK, ETC. AS REQUIRED. WOOD BLOCKING SHALL MEET CODE REQUIREMENTS.
  17. SINGLE USER TOILET ROOMS MAY BE CONFIGURED IN ACCORDANCE WITH TECHNICAL MEMORANDUM TM 03-02 ISSUED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATIONS, ARCHITECTURAL BARRIERS DIVISION ALLOWING THE DOOR SWING TO ENCRATCH INTO THE 5'0" DIAMETER TURNING CIRCLE SPACE SO LONG AS A CLEAR FLOOR SPACE OF 30" X 48" IS PROVIDED.
  18. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES AND HEIGHTS. COORDINATE ALL LIGHT FIXTURES, MECHANICAL DIFFUSERS, NOTIFICATION DEVICES, ETC. WITH MEP DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR RESOLUTION.
  19. REFER TO SHEET A-601 FOR ALL PARTITION TYPES.
  20. COORDINATE HOUSEKEEPING PAD DIMENSIONS AND LOCATIONS WITH EQUIPMENT TO BE INSTALLED. ALL HOUSEKEEPING PADS SHALL BE A MINIMUM OF 4" TALL REIN. W/ #3 BARS AT 12" O.C. B.W. AND PROVIDE 1" (45- DEGREE) CHAMFERED EDGES UNLESS NOTED OTHERWISE.
  21. ALL DOORS IN INTERIOR CMU WALLS & EXTERIOR MASONRY WALLS SHALL BE SET A MINIMUM OF 6" OFF THE PERPENDICULAR ADJACENT WALL ON THE HINGE SIDE OF THE DOOR UNLESS OTHERWISE NOTED. ALL INTERIOR DOORS IN STUD WALL ASSEMBLIES SHALL BE SET A MINIMUM OF 4" OFF THE PERPENDICULAR ADJACENT WALL ON THE HINGE SIDE OF THE DOOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS FOR RESOLUTION.
  22. SET ALL EXTERIOR DOOR THRESHOLDS IN FULL BED OF MANUFACTURER APPROVED SEALANT IN ACCORDANCE WITH MANUFACTURER INSTALLATION INSTRUCTIONS.
  23. REFER TO SHEET G-002 FOR MOUNTING HEIGHTS OF FIXTURES AND EQUIPMENT AS SCHEDULED. REFER TO THE TEXAS DEPARTMENT OF LICENSING AND REGULATIONS, ARCHITECTURAL BARRIERS DIVISION TEXAS ACCESSIBILITY STANDARDS FOR ALL MOUNTING HEIGHTS NOT LISTED AND FOR FURTHER CLARIFICATION AS NEEDED.





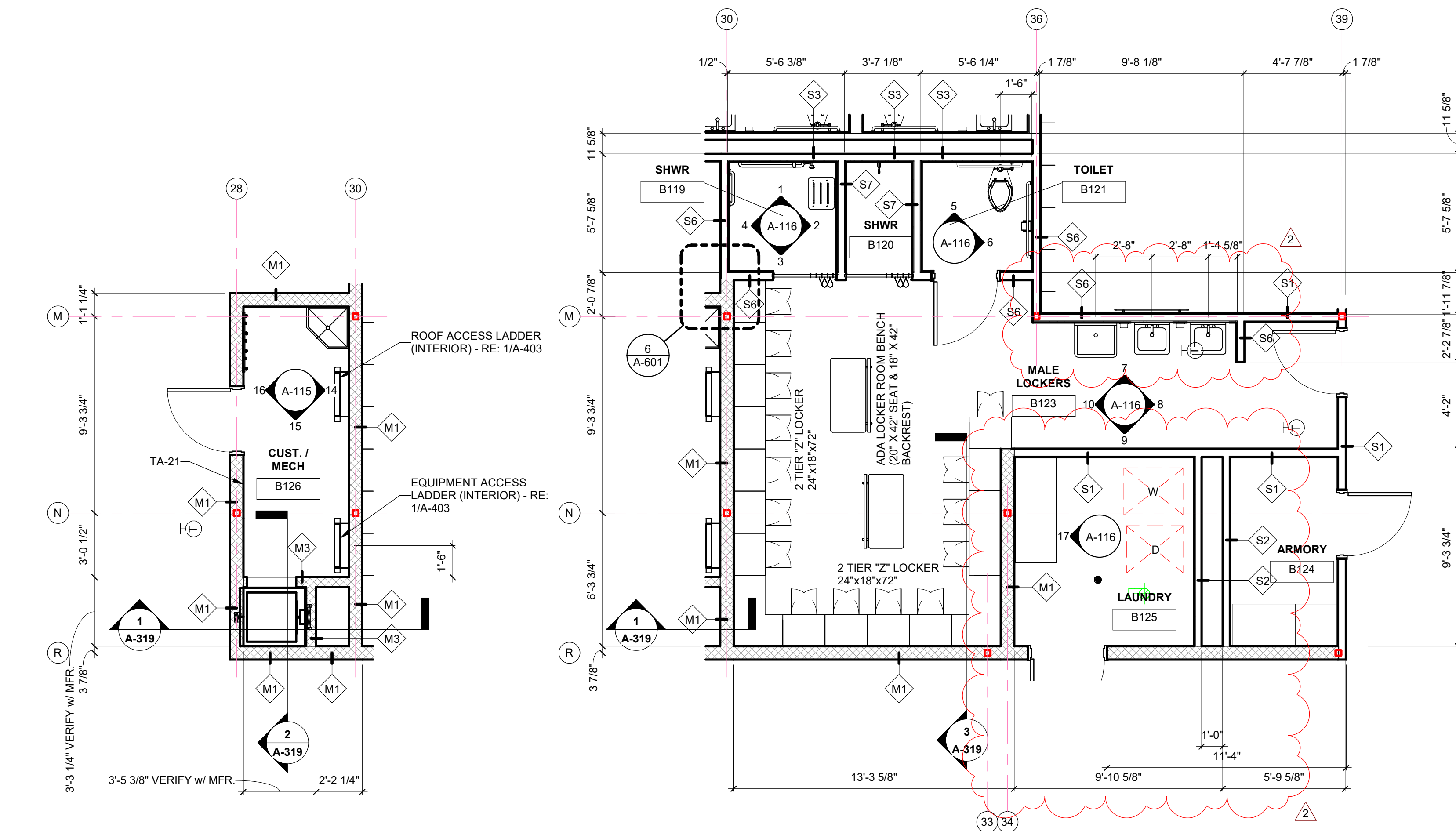
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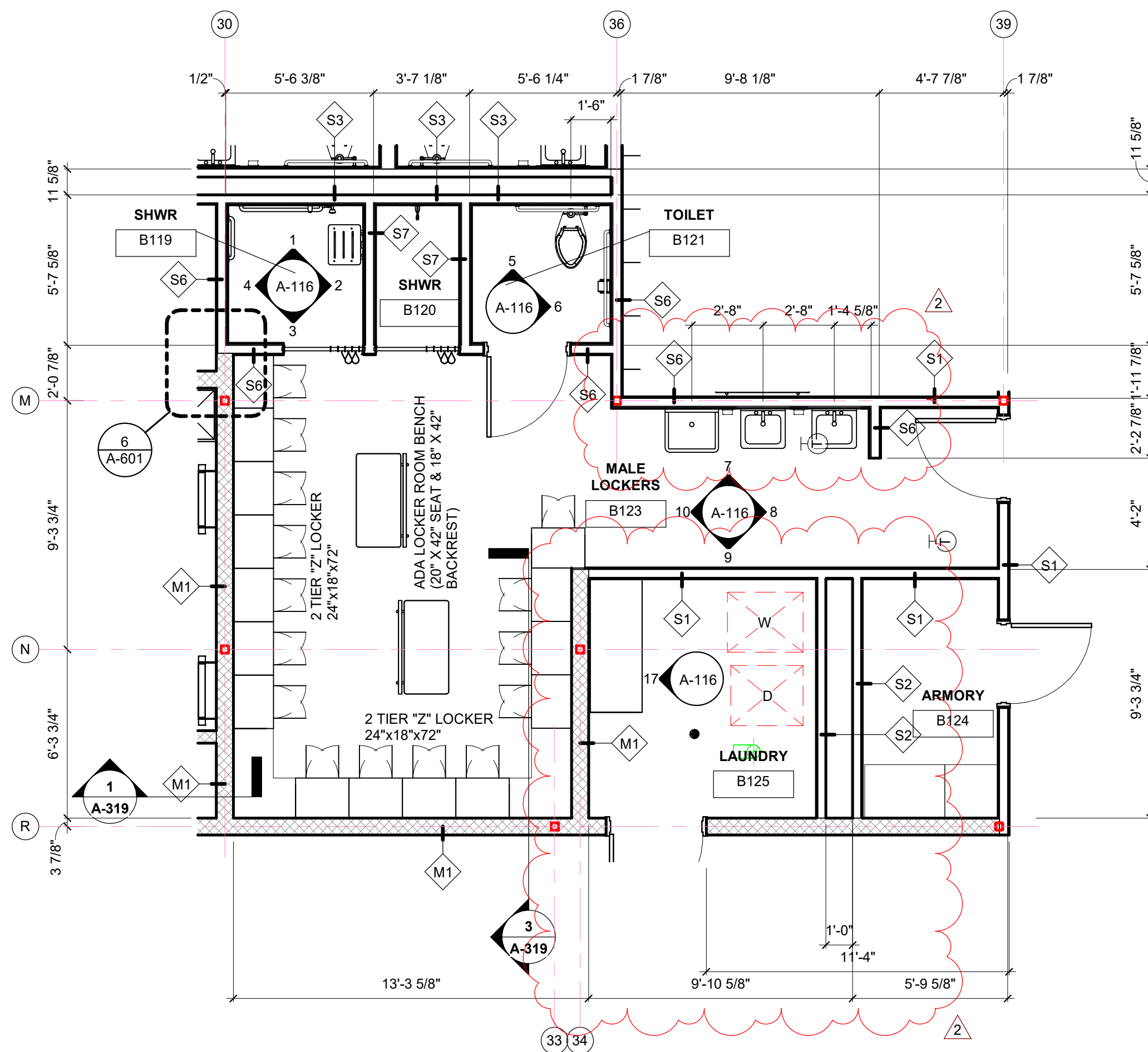
1 FLOOR PLAN - AREA 'C'  
SCALE: 3/16" = 1'-0"

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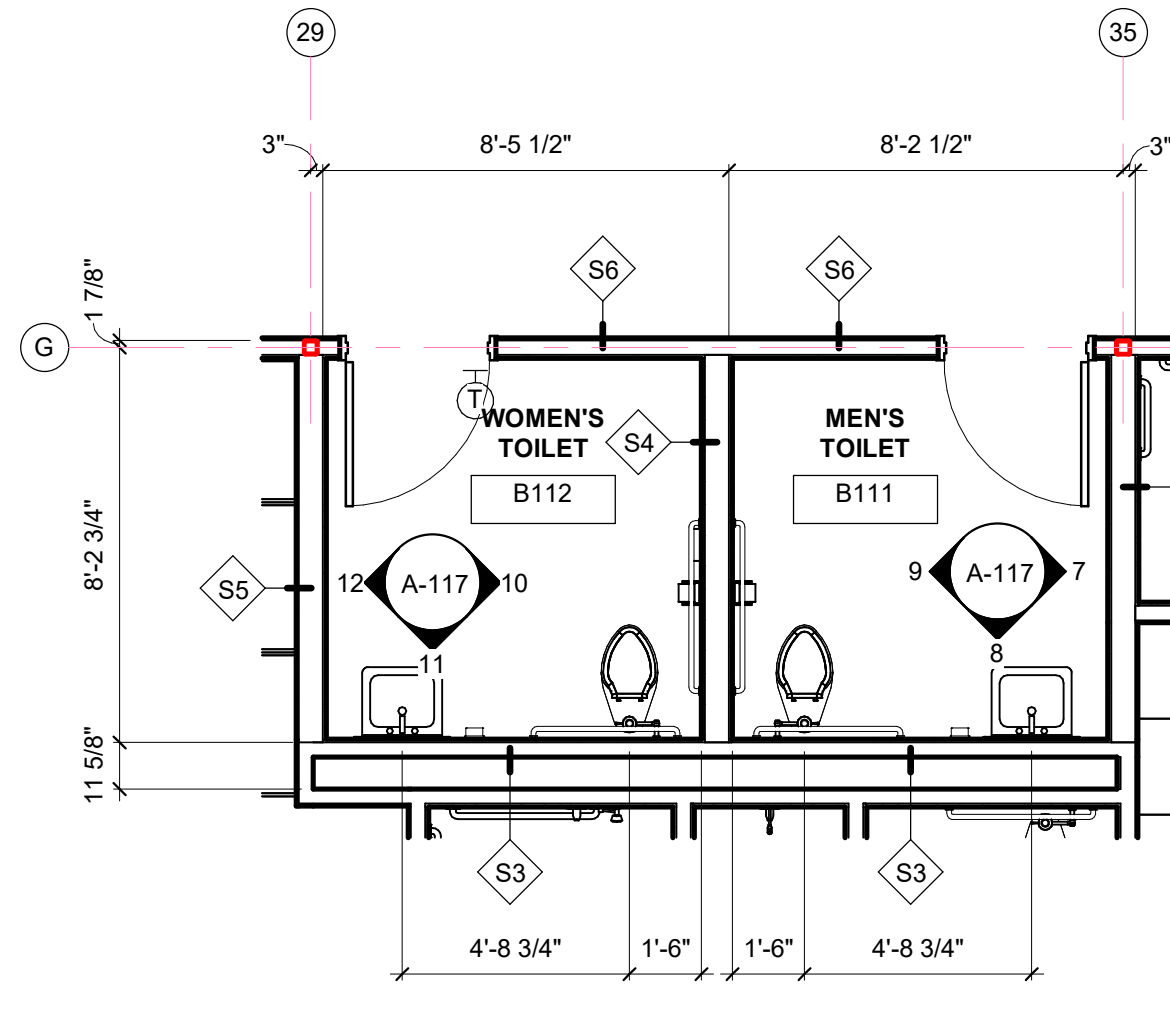




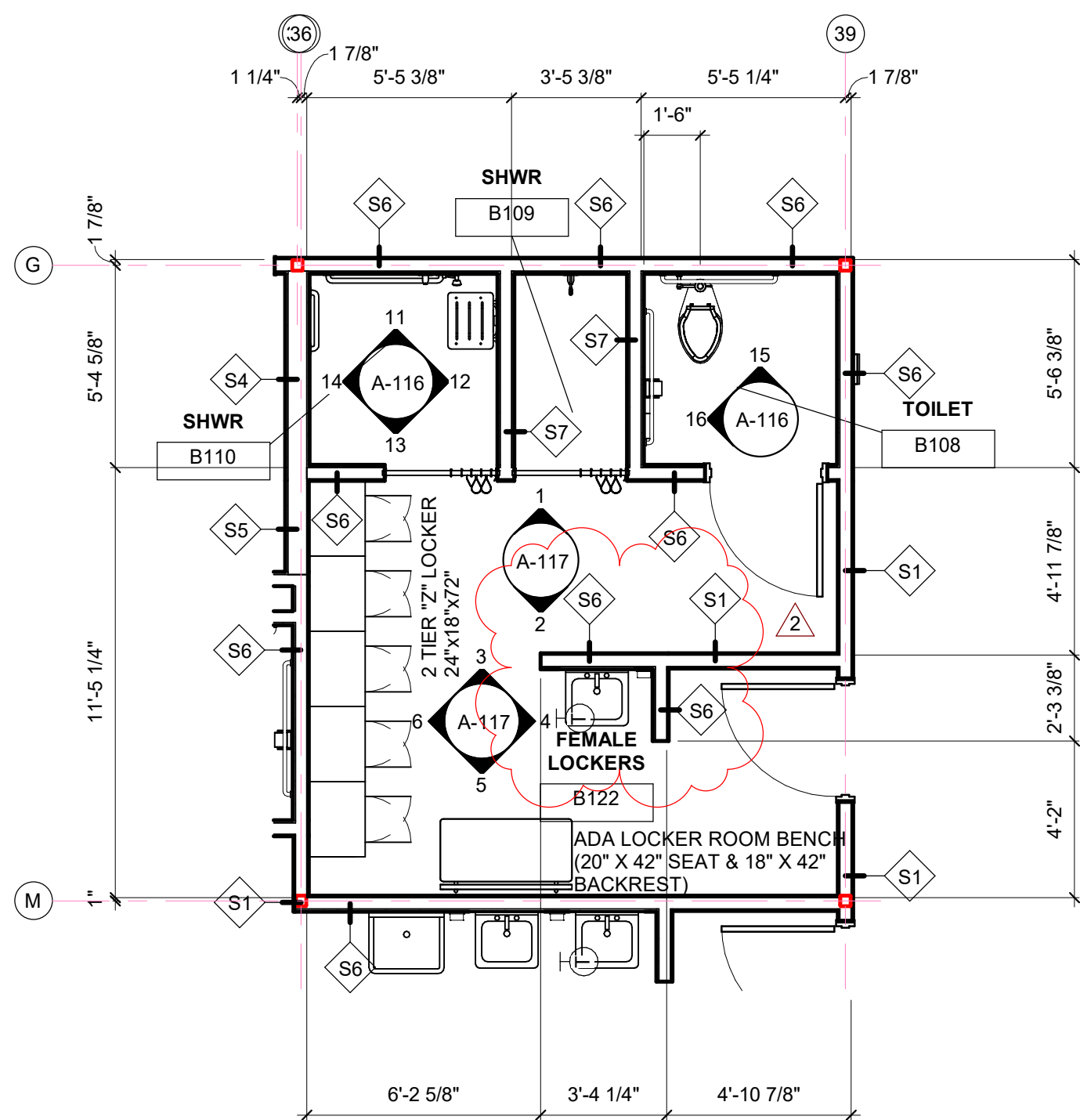
**ENLARGED FLOOR PLAN - CUST. / MECH. B126**  
SCALE: 1/4" = 1'-0"



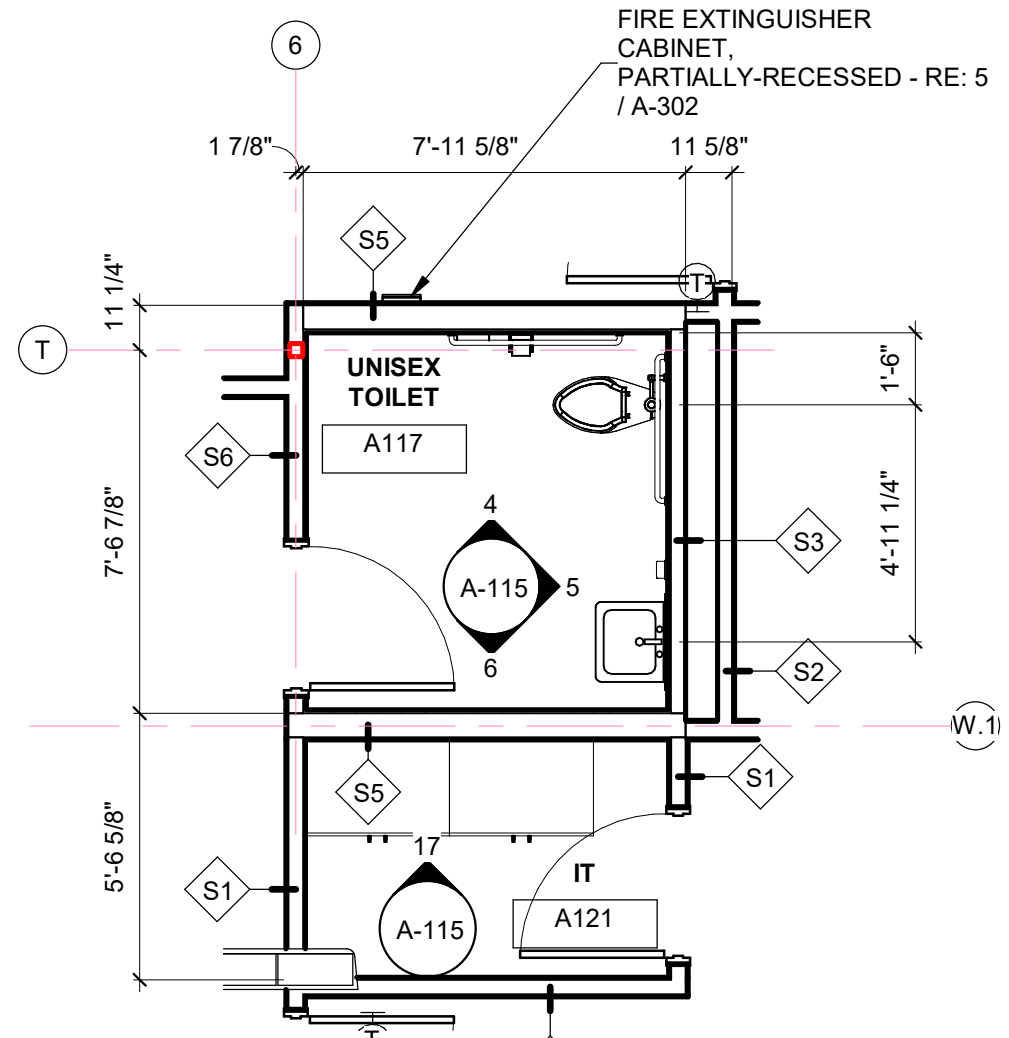
**ENLARGED FLOOR PLAN - FEMALE LOCKERS B123**  
SCALE: 1/4" = 1'-0"



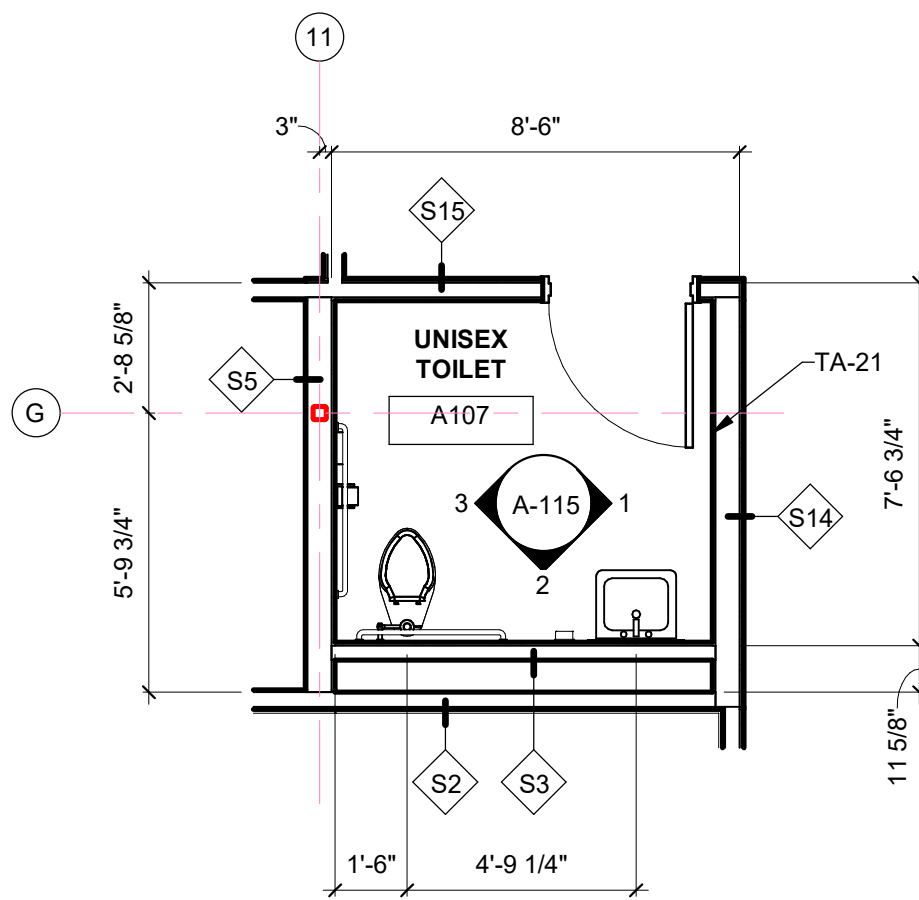
**ENLARGED FLOOR PLAN - TOILETS**  
SCALE: 1/4" = 1'-0"



**ENLARGED FLOOR PLAN - FEMALE LOCKERS B122**  
SCALE: 1/4" = 1'-0"



**ENLARGED FLOOR PLAN - UNISEX TOILET A-117**  
SCALE: 1/4" = 1'-0"



**ENLARGED FLOOR PLAN - UNISEX TOILET A-107**  
SCALE: 1/4" = 1'-0"

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19. REFER TO SHEET A-601 FOR ALL PARTITION TYPES.
20. COORDINATE HOUSEKEEPING PAD DIMENSIONS AND LOCATIONS WITH EQUIPMENT TO BE INSTALLED. ALL HOUSEKEEPING PADS SHALL BE A MINIMUM OF 4' TALL REINF. W/ #3 BARS AT 15" O.C.B.W. AND PROVIDE 1" (45- DEGREE) CHAMFERED EDGES UNLESS NOTED OTHERWISE.
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#### TOILET ACCESSORIES

LABEL	DESCRIPTION	REMARKS
TA-01	SOAP DISPENSER	
TA-02	24" X 36" MIRROR	
TA-03	TOILET PAPER DISPENSER	
TA-04	PAPER TOWEL DISPENSER	
TA-05	GRAB BARS AT TYPICAL H.C. TOILET STALL	
TA-06	SANITARY NAPKIN DISPENSER	
TA-07	SANITARY NAPKIN DISPOSAL	
TA-08	MOP & BROOM HOLDER	
TA-09	GRAB BARS AT ACCESSIBLE SHOWER	
TA-10	FOLDING SHOWER BENCH	
TA-11	CLOTHES HOOK	5
TA-12	SHOWER CURTAIN, ROD AND HOOKS	5
TA-13	ELECTRIC HAND DRYER	
TA-14	RECESSED PAPER TOWEL DISPENSER / 2 GAL. WASTE RECEPTACLE	
TA-15	GRAB BARS AT ALTERNATE ACCESSIBLE TOILET STALL	
TA-16	CHANGING STATION	
TA-17	60" X 36" MIRROR	
TA-20	RECESSED PAPER TOWEL DISPENSER / 12 GAL. WASTE RECEPTACLE	
TA-21	SURFACE MOUNTED PAPER TOWEL DISPENSER / 2 GAL. WASTE RECEPTACLE	
TA-22	SURFACE MOUNTED PAPER TOWEL DISPENSER	
TA-23	RECESSED TOILET PAPER HOLDER	

NOTE: ALL TOILET ACCESSORIES SHALL BE CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE.

1. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
2. CONTRACTOR IS TO VERIFY ALL HEIGHTS OF ACCESSORIES TO COMPLY WITH ADA.
3. REFER TO ALL FINISHES AND COLORS IN FINISH SCHEDULE. VERIFY ALL PATTERNS WITH ARCHITECT.
4. ALIGN MIRROR ON CENTER OF LAVATORY.
5. ONE HOOK INSIDE DOOR AT EACH TOILET PARTITION, ONE HOOK INSIDE DOOR AT SINGLE TOILET ROOMS AND ONE HOOK AT EACH SHOWER.
6. URINAL PARTITION SHALL BE A MIN. OF 18" DEEP & EXTEND A MAX. OF 12" ABOVE THE FLOOR TO A MIN. OF 60".
7. NOT ALL ACCESSORIES WILL BE USED. REFER TO PLANS.

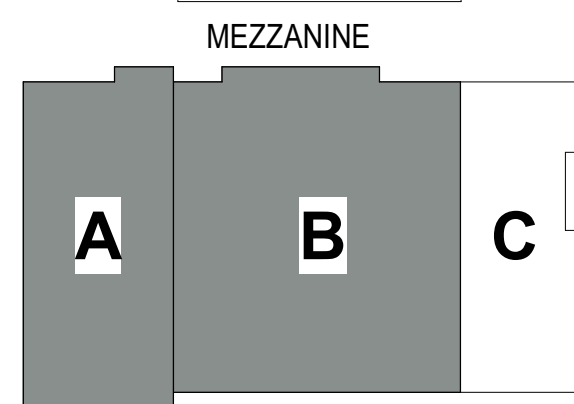
#### CONSULTANTS

**CIVIL:**  
URBAN ENGINEERING  
2725 SWANTNER  
CORPUS CHRISTI, TEXAS 78404  
T 361.854.3101  
**STRUCTURAL:**  
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**MEP:**  
MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265  
**LANDSCAPE / IRRIGATION:**  
ADLA, INC.  
4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335

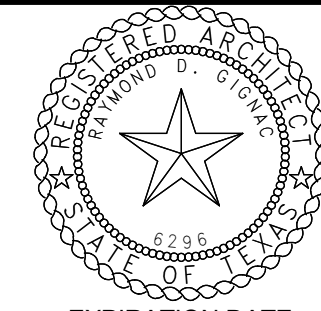
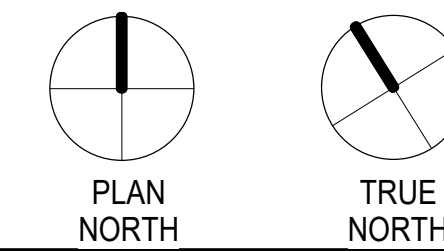


#### CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS

D



1ST FLOOR



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: JUS  
Checked: Checker

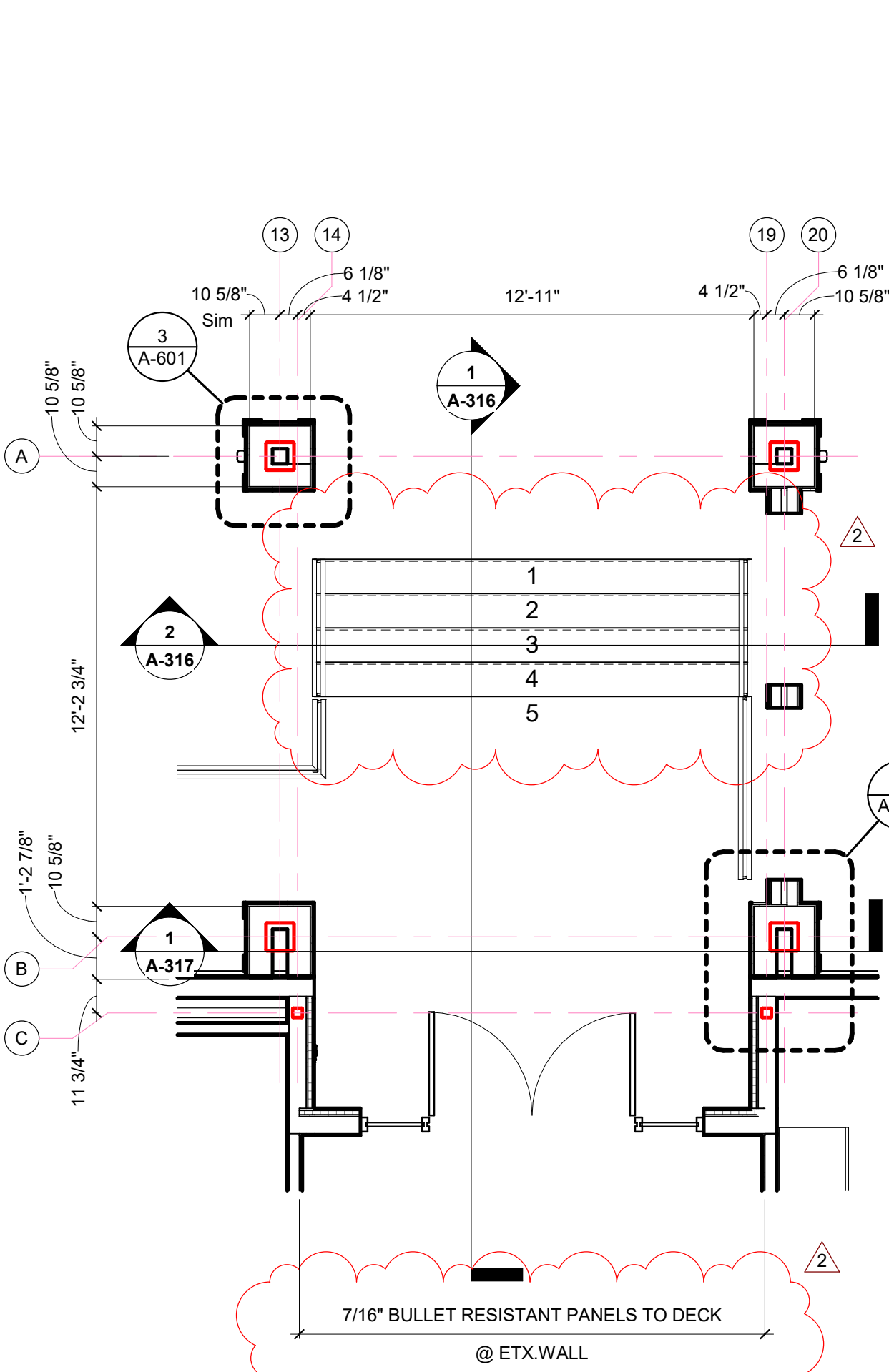
Revisions:  
No. Description Date  
2 Addenda #2 6-15-23

Sheet Title:

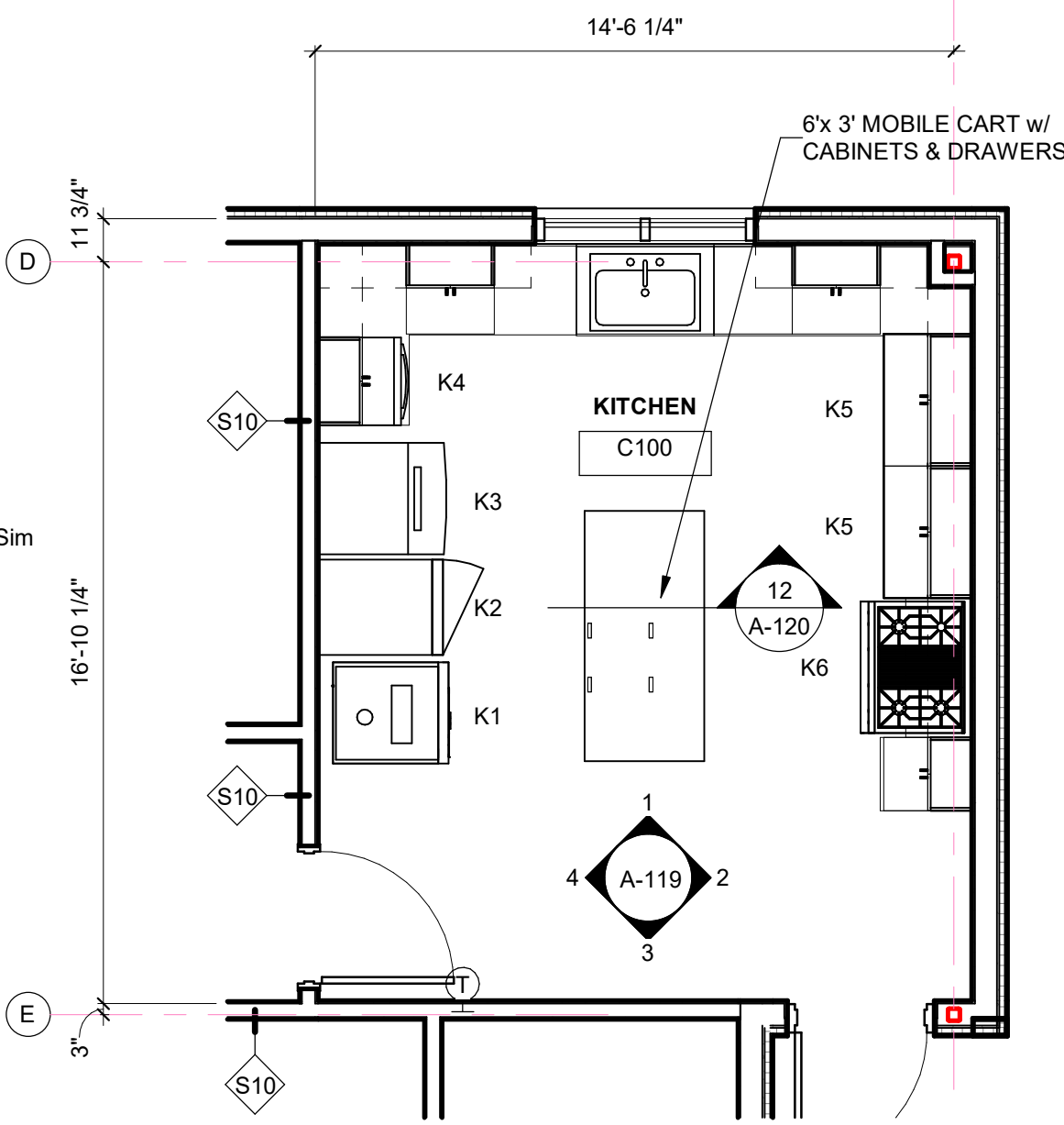
#### ENLARGED FLOOR PLANS



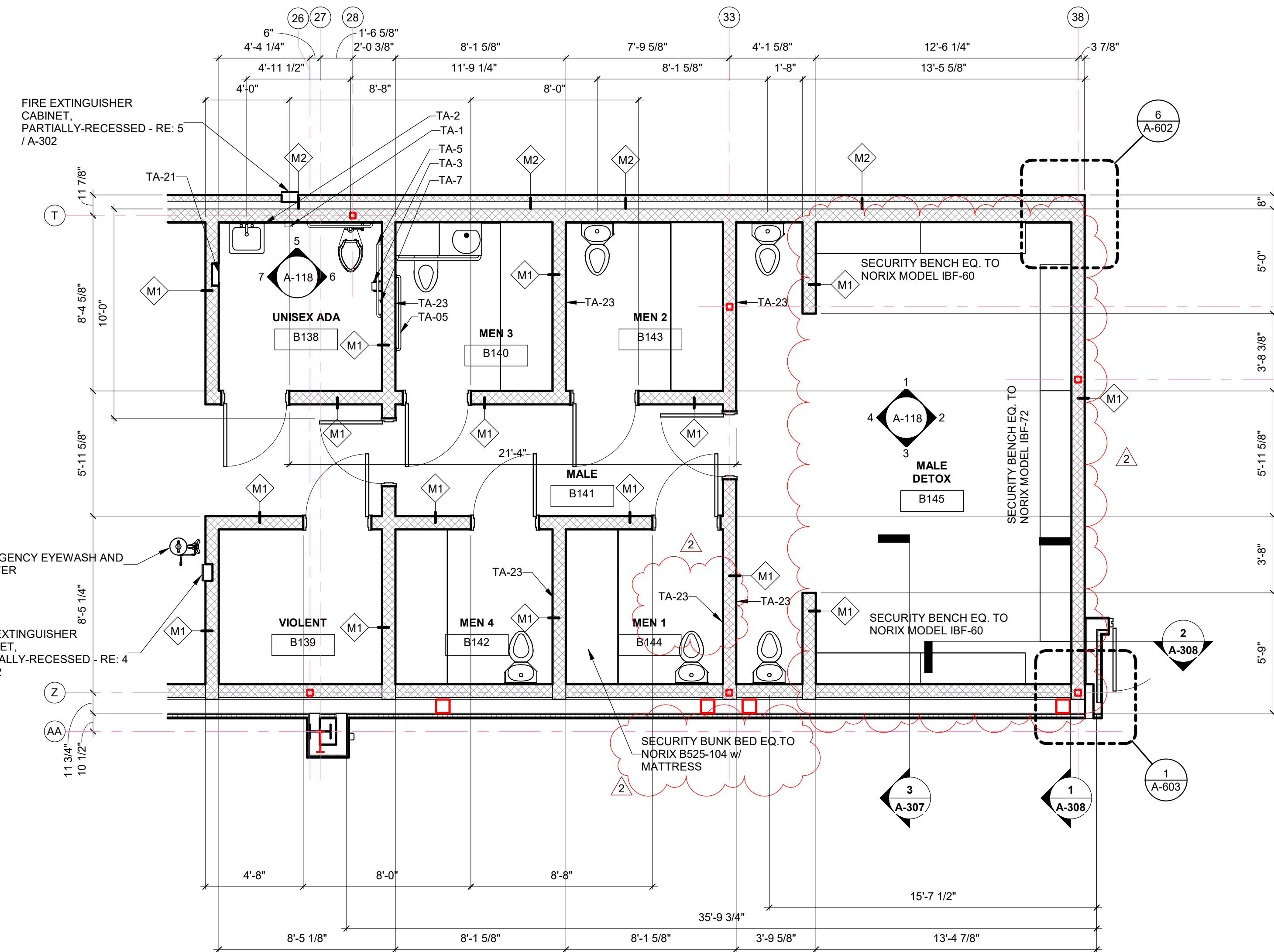
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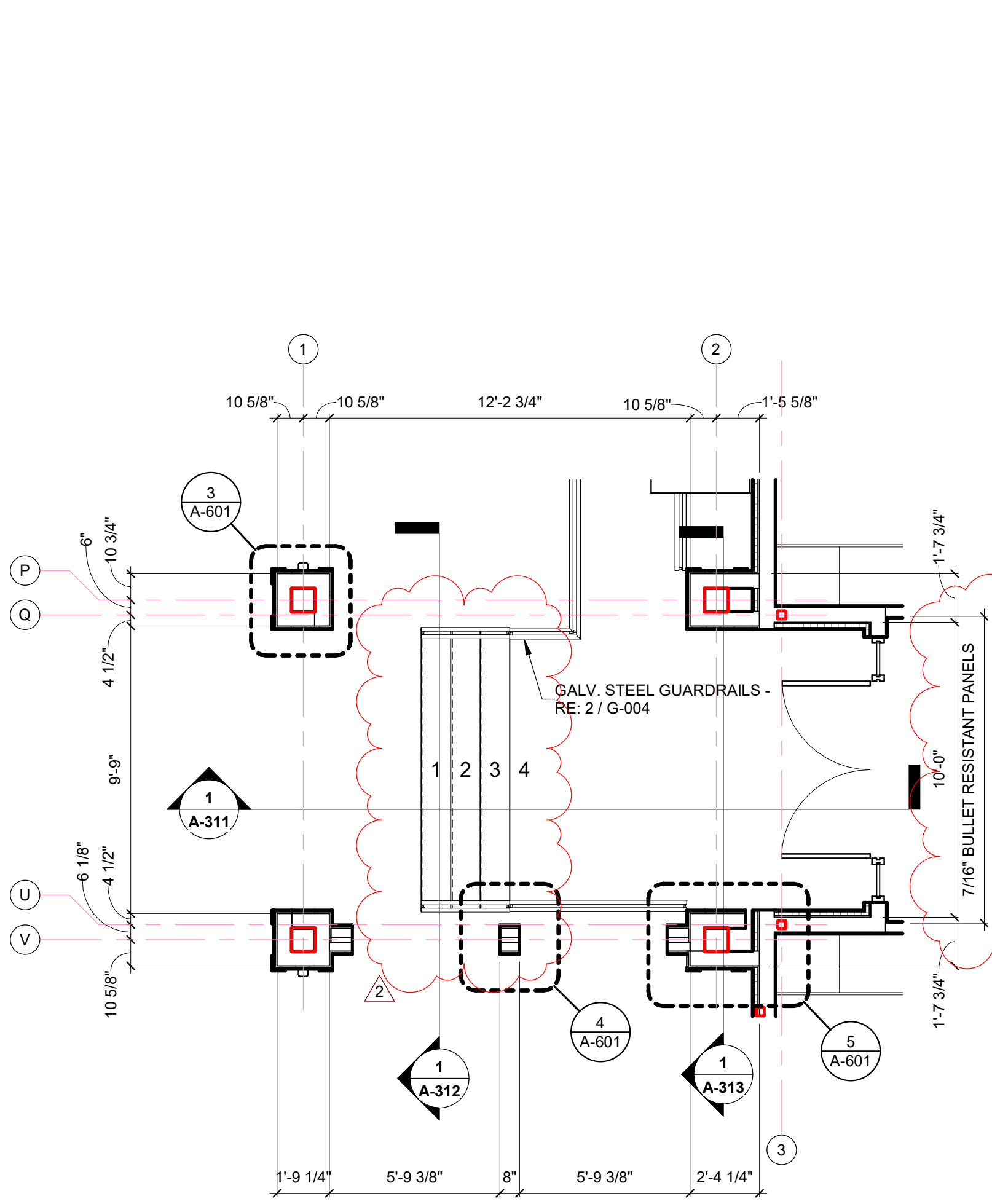
**6 ENLARGED FLOOR PLAN - TOWER**  
SCALE: 1/4" = 1'-0"



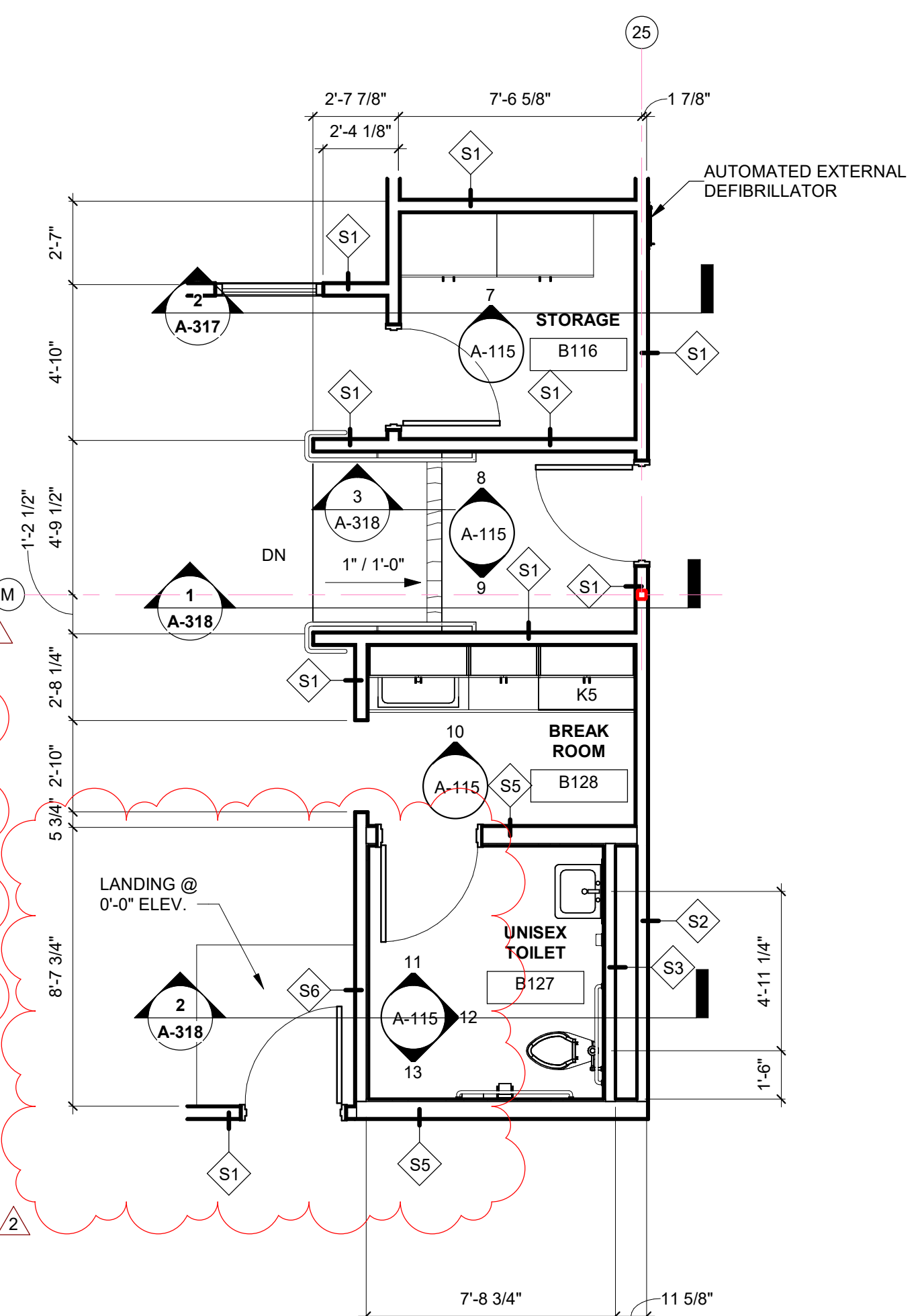
**5 ENLARGED FLOOR PLAN - KITCHEN**  
C100  
SCALE: 1/4" = 1'-0"



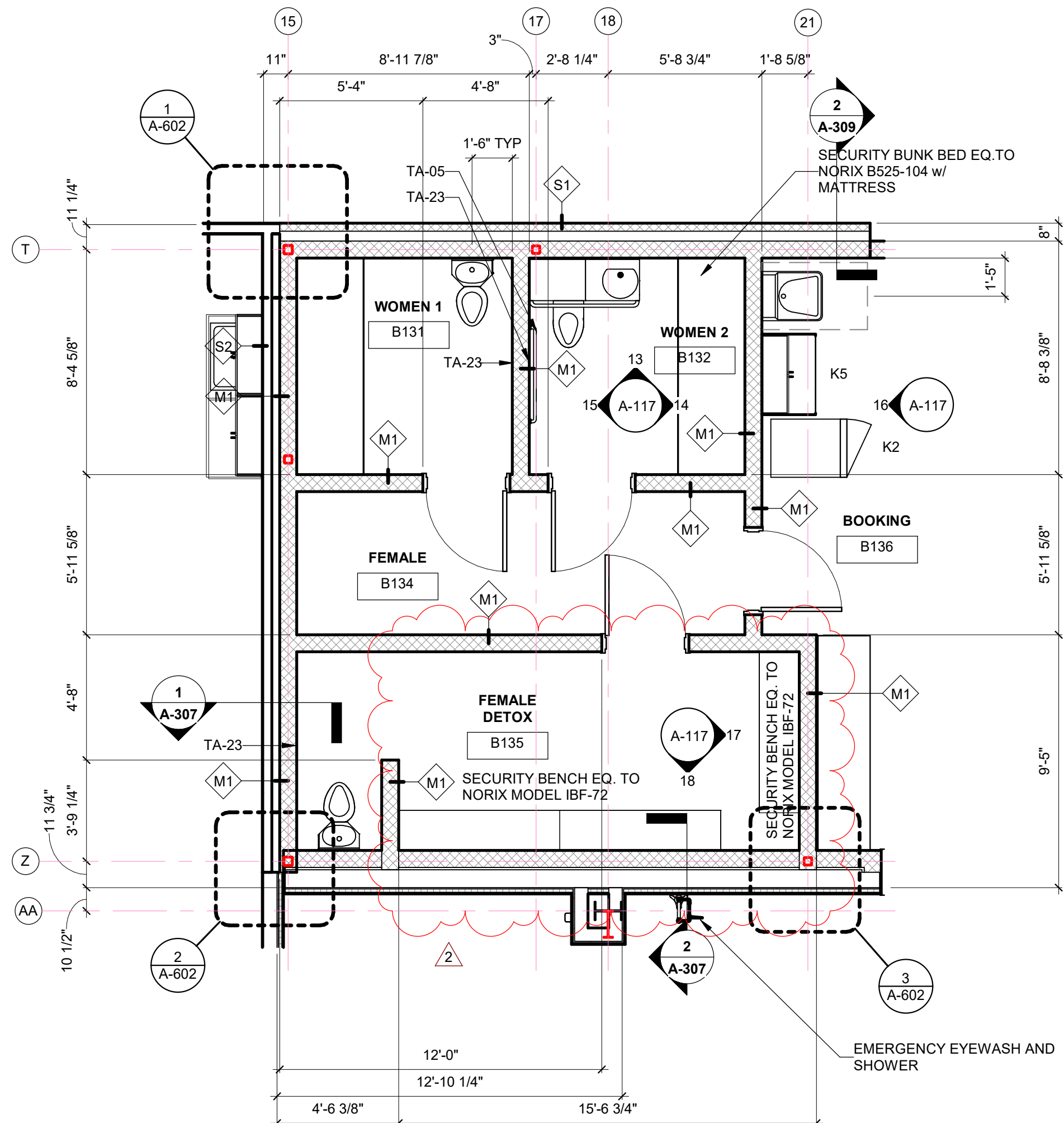
**4 ENLARGED FLOOR PLAN - MALE HOLDING**  
SCALE: 1/4" = 1'-0"



**3 ENLARGED FLOOR PLAN - TOWER**  
SCALE: 1/4" = 1'-0"



**2 ENLARGED FLOOR PLAN - DISPATCH RAMP B117**  
SCALE: 1/4" = 1'-0"



**1 ENLARGED FLOOR PLAN - FEMALE HOLDING**  
SCALE: 1/4" = 1'-0"

#### GENERAL PLAN NOTES

1. THE CONTRACTOR SHALL CAREFULLY REVIEW THE DRAWINGS, SPECIFICATIONS, DIMENSIONS AND SITE CONDITIONS PRIOR TO BEGINNING ANY WORK AND REPORT ANY INCONSISTENCIES OR DISCREPANCIES TO THE ARCHITECT IMMEDIATELY FOR RESOLUTION BEFORE BEGINNING CONSTRUCTION.
2. THE DRAWINGS AND SPECIFICATIONS ARE CORRELATIVE AND HAVE EQUAL AUTHORITY AND PRIORITY. BASE DISAGREEMENTS IN THEMSELVES OR IN EACH OTHER ON THE MOST EXPENSIVE COMBINATION OF QUANTITY AND QUALITY OF WORK INDICATED.
3. ITEMS SPECIFICALLY MENTIONED IN THE SPECIFICATIONS BUT NOT SHOWN ON THE DRAWINGS OR ITEMS SHOWN ON THE DRAWINGS BUT NOT SPECIFICALLY MENTIONED IN THE SPECIFICATIONS SHALL BE PROVIDED AS IF THEY WERE BOTH SPECIFIED AND SHOWN IN THE DRAWINGS.
4. ALL MINOR DETAILS OF WORK WHICH ARE NOT SPECIFICALLY SHOWN ON THE DRAWINGS, AS WELL AS SUCH ITEMS WHICH ARE NOT SPECIFICALLY MENTIONED IN THE SPECIFICATIONS, BUT ARE NECESSARY FOR THE PROPER COMPLETION OF THE WORK, SHALL BE CONSIDERED AS INCIDENTAL AND AS BEING PART OF AND INCLUDED WITH THE WORK FOR WHICH PRICES ARE GIVEN IN THE PROPOSAL, AND NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE PERFORMANCE THEREOF.
5. ALL FLOOR PLAN DIMENSIONS ARE TO FACE OF CMU, MASONRY OR METAL STUD WALLS UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWINGS, WHERE DIMENSIONS ARE NOTED "AS CLEAR" DIMENSION SHALL BE FROM FINISH TO FINISH.
6. CASEWORK, PLUMBING FIXTURES, TOILET PARTITIONS, AND OTHER FIXTURES AND EQUIPMENT ARE DIMENSIONED FROM FINISHED SURFACES UNLESS NOTED OTHERWISE.
7. ALL SPACES WITH FLOOR DRAINS - SLOPE NOT TO EXCEED 2% (ONE - IN - FIFTY) IN ANY DIRECTION. COORDINATE ALL FLOOR DRAINS WITH PLUMBING DRAWINGS PRIOR TO ANY ROUGH-IN AND CONCRETE PLACEMENT.
8. DIMENSIONS NOTED AS "FIELD VERIFY" SHALL BE CHECKED AT THE SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCHITECT BEFORE INCORPORATING INTO THE WORK.
9. DIMENSIONS NOTED AS "CLEAR" REQUIRE SPECIFIC COORDINATION BETWEEN DISCIPLINES AND/OR MANUFACTURERS.
10. PROVIDE CORNERGUARDS AT ALL INTERIOR GYP. BOARD WALL CORNERS AS SPECIFIED.
11. ALL CMU CORNERS TO HAVE A BULLNOSE UNLESS NOTED OTHERWISE.
12. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS UNLESS NOTED OTHERWISE. ALL FLOOR FINISH ELEVATION CHANGES SHALL HAVE THRESHOLDS OR REDUCERS STRIPS AS SPECIFIED.
13. OPEN EXTERIOR JOINTS AROUND DOOR AND WINDOW FRAMES, BETWEEN WALLS AND FOUNDATION, BETWEEN WALLS AND ROOF, BETWEEN WALL PANELS, AT WALL AND ROOF PENETRATIONS AND ANY OTHER BUILDING ENVELOPE PENETRATION SHALL BE SEALED, CAULKED AND/OR WEATHER-STRIPPED TO PREVENT OR LIMIT AIR, MOISTURE AND VAPOR PENETRATION. USE ONLY SPECIFIED MANUFACTURER APPROVED MATERIALS AS DIRECTED BY MATERIAL MANUFACTURERS.
14. EFFECTIVELY ISOLATE ALL DISSIMILAR METALS/ MATERIALS TO PREVENT CORROSION BY ELECTROLYTIC ACTION OR OTHER CAUSES AS RECOMMENDED BY THE RESPECTIVE PRODUCT MANUFACTURER OR SUPPLIER.
15. PROPERLY TERMINATE ALL MATERIALS WITH APPROPRIATE TRIM, FLASHING, SEALANT, EXPANSION CONTROL, ETC. AS INDICATED ON DRAWINGS OR AS REQUIRED FOR PROPER INSTALLATION AS ACCEPTED BY STANDARD BUILDING PRACTICE.
16. COORDINATE AND PROVIDE APPROPRIATE BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EQUIPMENT, HANDRAILS, CASEWORK, ETC. AS REQUIRED. WOOD BLOCKING SHALL MEET CODE REQUIREMENTS.
17. SINGLE USER TOILET ROOMS MAY BE CONFIGURED IN ACCORDANCE WITH TECHNICAL MEMORANDUM TM 03-02 ISSUED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATIONS, ARCHITECTURAL BARRIERS DIVISION ALLOWING THE DOOR SWING TO ENCRACH INTO THE 5 FOOT DIAMETER TURNING CIRCLE SPACE SO LONG AS A CLEAR FLOOR SPACE OF 30" X 48" IS PROVIDED.
18. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES AND HEIGHTS. COORDINATE ALL LIGHT FIXTURES, MECHANICAL DIFFUSERS, NOTIFICATION DEVICES, ETC. WITH MEP DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR RESOLUTION.
19. REFER TO SHEET A-601 FOR ALL PARTITION TYPES.
20. COORDINATE HOUSEKEEPING PAD DIMENSIONS AND LOCATIONS WITH EQUIPMENT TO BE INSTALLED. ALL HOUSEKEEPING PADS SHALL BE A MINIMUM OF 4" TALL REIN. W/ #3 BARS AT 15" O.C.B.W. AND PROVIDE 1" (45-DEGREE) CHAMFERED EDGES UNLESS NOTED OTHERWISE.
21. ALL DOORS IN INTERIOR CMU WALLS & EXTERIOR MASONRY WALLS SHALL BE SET A MINIMUM OF 6" OFF THE PERPENDICULAR ADJACENT WALL ON THE HINGE SIDE OF THE DOOR UNLESS OTHERWISE NOTED. ALL INTERIOR DOORS IN STUD WALL ASSEMBLIES SHALL BE SET A MINIMUM OF 4" OFF THE PERPENDICULAR ADJACENT WALL ON THE HINGE SIDE OF THE DOOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS FOR RESOLUTION.
22. SET ALL EXTERIOR DOOR THRESHOLDS IN FULL BED OF MANUFACTURER APPROVED SEALANT IN ACCORDANCE WITH MANUFACTURER INSTALLATION INSTRUCTIONS.
23. REFER TO SHEET G-002 FOR MOUNTING HEIGHTS OF FIXTURES AND EQUIPMENT AS SCHEDULED. REFER TO THE TEXAS DEPARTMENT OF LICENSING AND REGULATIONS, ARCHITECTURAL BARRIERS DIVISION TEXAS ACCESSIBILITY STANDARDS FOR ALL MOUNTING HEIGHTS NOT LISTED AND FOR FURTHER CLARIFICATION AS NEEDED.

#### TOILET ACCESSORIES

LABEL	DESCRIPTION	REMARKS
TA-01	SOAP DISPENSER	
TA-02	24" X 36" MIRROR	
TA-03	TOILET PAPER DISPENSER	
TA-04	PAPER TOWEL DISPENSER	
TA-05	GRAB BARS AT TYPICAL H.C. TOILET STALL	
TA-06	SANITARY NAPKIN DISPENSER	
TA-07	SANITARY NAPKIN DISPOSAL	
TA-08	MOP & BROOM HOLDER	
TA-09	GRAB BARS AT ACCESSIBLE SHOWER	
TA-10	FOLDING SHOWER BENCH	
TA-11	CLOTHES HOOK	5
TA-12	SHOWER CURTAIN, ROD AND HOOKS	5
TA-13	ELECTRIC HAND DRYER	
TA-14	RECESSED PAPER TOWEL DISPENSER / 2 GAL. WASTE RECEPTACLE	
TA-15	GRAB BARS AT ALTERNATE ACCESSIBLE TOILET STALL	
TA-16	CHANGING STATION	
TA-17	60" X 36" MIRROR	
TA-20	RECESSED PAPER TOWEL DISPENSER / 12 GAL. WASTE RECEPTACLE	
TA-21	SURFACE MOUNTED PAPER TOWEL DISPENSER / 2 GAL. WASTE RECEPTACLE	
TA-22	SURFACE MOUNTED PAPER TOWEL DISPENSER	
TA-23	RECESSED TOILET PAPER HOLDER	

- NOTE: ALL TOILET ACCESSORIES SHALL BE CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE.
1. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
  2. CONTRACTOR IS TO VERIFY ALL HEIGHTS OF ACCESSORIES TO COMPLY WITH ADA.
  3. REFER TO ALL FINISHES AND COLORS IN FINISH SCHEDULE. VERIFY ALL PATTERNS WITH ARCHITECT.
  4. ALIGN MIRROR ON CENTER OF LAVATORY.
  5. ONE HOOK INSIDE DOOR AT EACH TOILET PARTITION. ONE HOOK INSIDE DOOR AT SINGLE TOILET ROOMS AND ONE HOOK AT EACH SHOWER.
  6. URINAL PARTITION SHALL BE A MIN. OF 18" DEEP & EXTEND A MAX. OF 12" ABOVE THE FLOOR TO A MIN. OF 60".
  7. NOT ALL ACCESSORIES WILL BE USED. REFER TO PLANS.

#### KITCHEN EQUIPMENT SCHEDULE

ITEM	QTY.	DESCRIPTION	REMARKS
K1	2	REFRIGERATOR	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K2	2	FREEZER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K3	1	ICE MAKER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K4	1	DISHWASHER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K5	4	MICROWAVE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K6		36" WIDE RANGE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K7		DORM FRIDGE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED

REFER TO A-123 FOR KITCHEN EQUIPMENT THROUGHOUT THE FACILITY.

416 STARR STREET  
CORPUS CHRISTI, TEXAS 78401  
T 361.884.2681  
F 361.884.4232  
222 E. VAN BUREN, SUITE 102  
HARLINGEN, TEXAS 78550  
T 956.365.4820  
F 956.365.4822  
3700 N. 10th, SUITE 205  
MCALLEN, TEXAS 78501  
T 956.686.0100

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##### STRUCTURAL:

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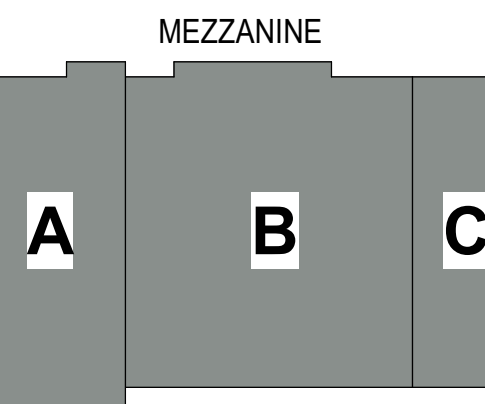
##### LANDSCAPE / IRRIGATION:

ADLA, INC.  
4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335

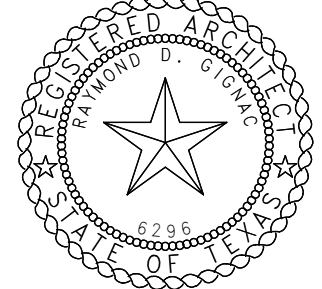
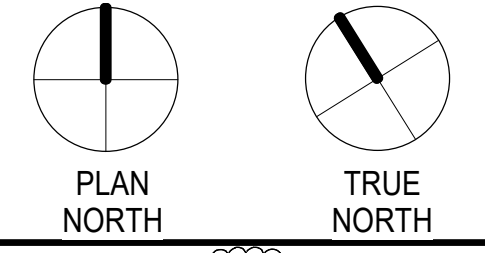


**CITY OF PORT ARANSAS**  
**PUBLIC SAFETY CENTER**  
**PORT ARANSAS, TEXAS**

**D**



1ST FLOOR



EXPIRATION DATE  
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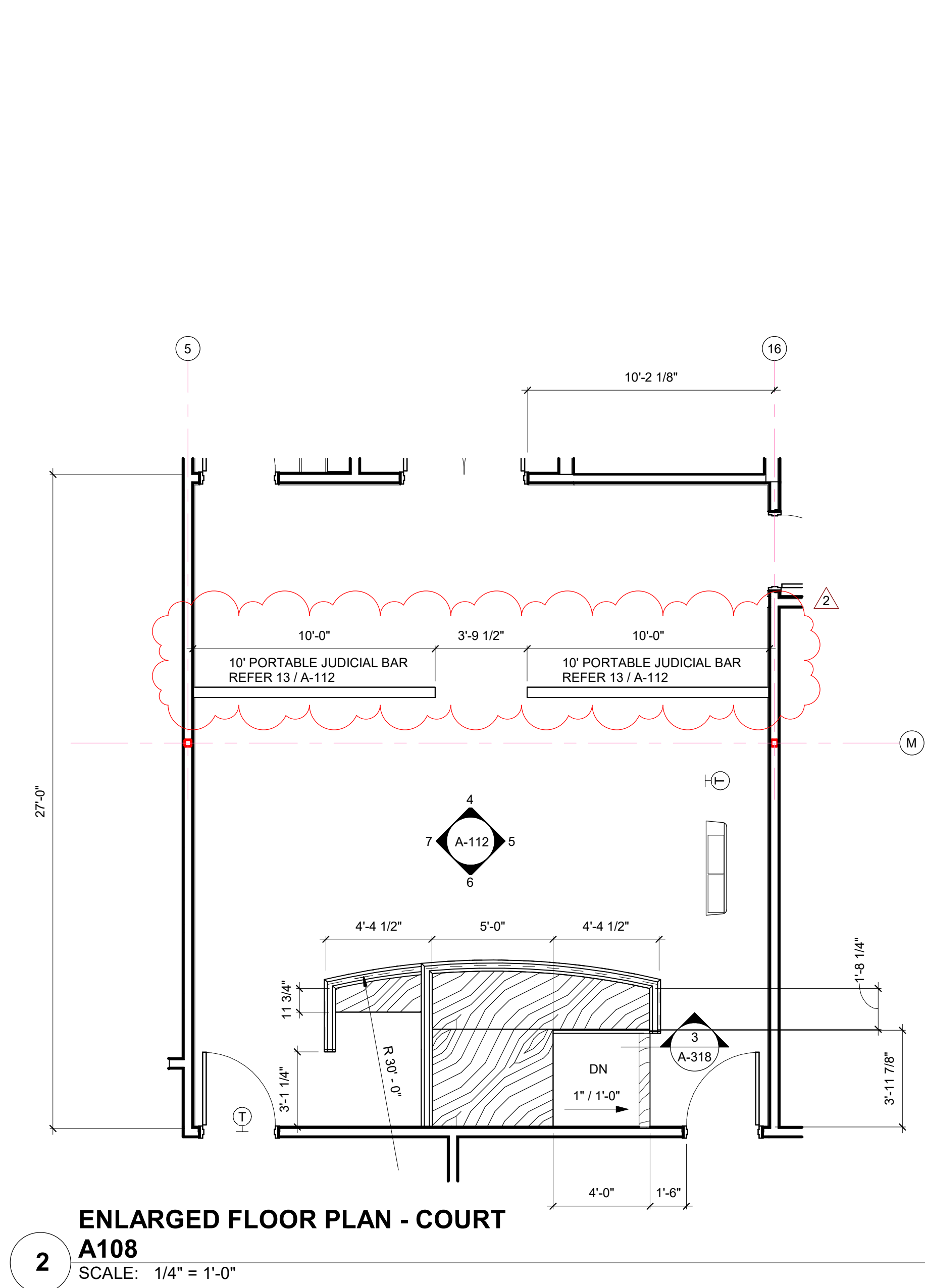
2 Addenda #2 6-15-23

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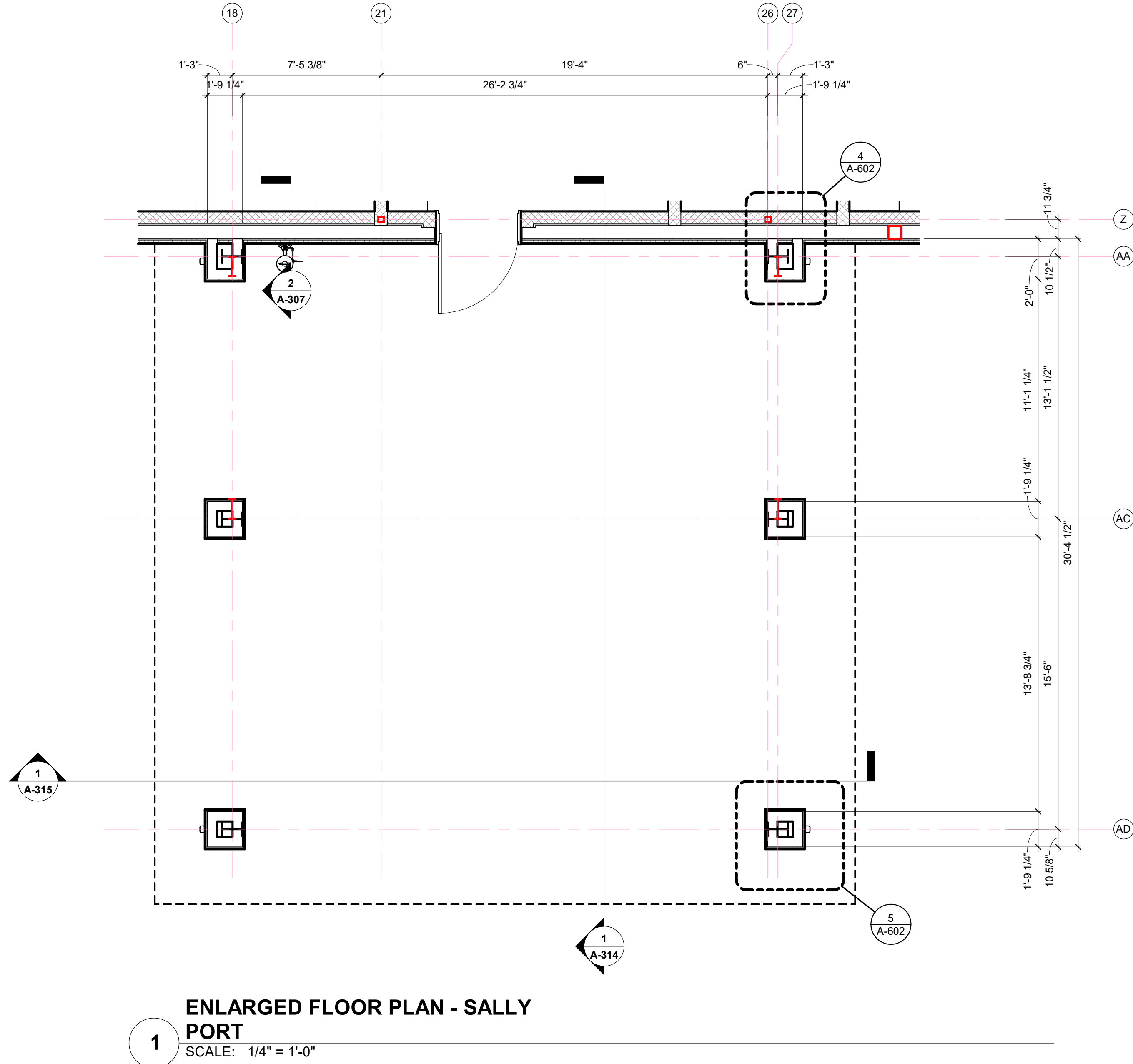
**ENLARGED FLOOR PLANS**



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**ENLARGED FLOOR PLAN - COURT**  
**A108**  
SCALE: 1/4" = 1'-0"



**ENLARGED FLOOR PLAN - SALLY**  
**PORT**  
SCALE: 1/4" = 1'-0"

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21. ALL DOORS IN INTERIOR CMU WALLS & EXTERIOR MASONRY WALLS SHALL BE SET A MINIMUM OF 8" OFF THE PERPENDICULAR ADJACENT WALL ON THE HINGE SIDE OF THE DOOR UNLESS OTHERWISE NOTED. ALL INTERIOR DOORS IN STUD WALL ASSEMBLIES SHALL BE SET A MINIMUM OF 4" OFF THE PERPENDICULAR ADJACENT WALL ON THE HINGE SIDE OF THE DOOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS FOR RESOLUTION.
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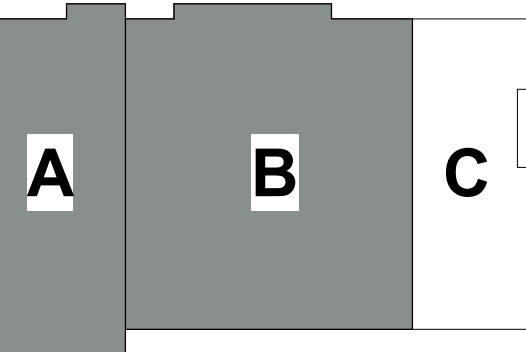
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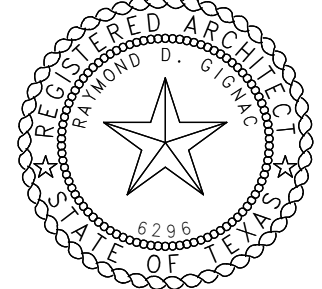
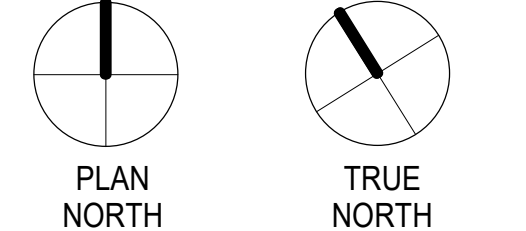
**CITY OF PORT**  
**ARANSAS**  
**PUBLIC SAFETY**  
**CENTER**  
**PORT ARANSAS,**  
**TEXAS**

**D**

MEZZANINE



1ST FLOOR



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
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Revisions:

No.	Description	Date
2	Addenda #2	6-15-23

Sheet Title:

**ENLARGED FLOOR**  
**PLANS**



ROOM FINISH SCHEDULE										
NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISHES				CEILING FINISH	CEILING HEIGHT	REMARKS
				NORTH	EAST	SOUTH	WEST			
A100	MUNICIPAL CLERK	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A101	FILES	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A102	JURY	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A103	MUNIC. JUDGE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A104	CORRIDOR	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A105	EOC STORAGE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A106	CORRIDOR	STAINED CONCRETE	GLAZED CMU	PAINT	---	PAINT	PAINT	2x2 ACT	9'-0"	
A107	UNISEX TOILET	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-0"	
A108	COURT	LVT	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	12'-0"	
A109	COUNTY JP.	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A110	COUNTY CLERKS	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A111	CORRIDOR	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A112	ALCOVE	CONCRETE	---	PAINT	PAINT	PAINT	---	P.C.P.	9'-0"	
A113	LOBBY	LVT	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A114	CORRIDOR	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	3
A115	CORRIDOR	STAINED CONCRETE	GLAZED CMU	PAINT	---	PAINT	PAINT	2x2 ACT	9'-0"	3
A116	STORAGE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A117	UNISEX TOILET	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-0"	
A118	COUNTY RECEP	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A119	CHIEF DEPUTY	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A120	CORRIDOR	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	3
A121	IT	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A122	DEPUTIES ROOM	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
A123	ALCOVE	CONCRETE	---	PAINT	PAINT	---	PAINT	P.C.P.	9'-0"	
A124	CONSTABLE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
B100	ALCOVE	CONCRETE	---	---	PAINT	PAINT	PAINT	P.C.P.	9'-0"	
B101	LOBBY	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	12'-0"	
B102	MUNICIPAL RECORDS	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
B103	SUPPLY	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
B104	ADMIN. ASSIST.	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
B105	CHIEF	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
B106	LIEUTENANT	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
B107	CID DET.	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
B108	TOILET	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-0"	
B109	SHWR	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-0"	
B110	SHWR	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-0"	
B111	MEN'S TOILET	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-0"	
B112	WOMEN'S TOILET	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-0"	
B113	CORRIDOR	STAINED CONCRETE	GLAZED CMU	PAINT	---	PAINT	PAINT	2x2 ACT	9'-0"	3
B114	STORAGE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT		
B115	ADMIN.	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-4"	1
B116	STORAGE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-4"	1
B117	DISPATCH	LVT	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	12'-4"	1 & 4
B118	CORRIDOR	STAINED CONCRETE	GLAZED CMU	---	PAINT	---	PAINT	2x2 ACT	9'-0"	3
B119	SHWR	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-0"	
B120	SHWR	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-0"	
B121	TOILET	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-0"	
B122	FEMALE LOCKERS	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	MOISTURE RESISTANT GYP. BD.	9'-0"	
B123	MALE LOCKERS	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	MOISTURE RESISTANT GYP. BD.	9'-0"	
B124	ARMORY	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	MOISTURE RESISTANT GYP. BD.	9'-0"	
B125	LAUNDRY	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	2
B126	CUST. / MECH	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	EXPOSED STRUCTURE	---	
B127	UNISEX TOILET	MOSAIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	MOISTURE RESISTANT GYP. BD.	9'-4"	1
B128	BREAK ROOM	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-4"	1
B129	IT ROOM	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
B130	CORRIDOR	STAINED CONCRETE	GLAZED CMU	PAINT	---	PAINT	---	2x2 ACT	9'-0"	3
B131	WOMEN 1	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	RUBBED CONCRETE	10'-0"	
B132	WOMEN 2	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	RUBBED CONCRETE	10'-0"	
B134	FEMALE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	GYP. BD.	9'-6"	
B135	FEMALE DETOX	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	RUBBED CONCRETE	10'-0"	
B136	BOOKING	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	GYP. BD.	9'-6"	
B138	UNISEX ADA	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	RUBBED CONCRETE	10'-0"	
B139	VIOLENT	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	RUBBED CONCRETE	10'-0"	
B140	MEN 3	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	RUBBED CONCRETE	10'-0"	
B141	MALE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	GYP. BD.	9'-6"	
B142	MEN 4	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	RUBBED CONCRETE	10'-0"	
B143	MEN 2	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	RUBBED CONCRETE	10'-0"	
B144	MEN 1	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	RUBBED CONCRETE	10'-0"	
B145	MALE DETOX	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	RUBBED CONCRETE / GYP. BD.	VARIES	
C100	KITCHEN	QUARRY TILE	CERAMIC TILE	PAIN / CERAMIC TILE	PAIN / CERAMIC TILE	PAIN / CERAMIC TILE	PAIN / CERAMIC TILE	NON-PERFORATED CEILING TILE	10'-0"	
C101	CID SGT.	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C102	CORRIDOR	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	---	2x2 ACT	9'-0"	3
C103	IT OFFICE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C104	BREAKOUT	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C105	OUTDOOR STOR.	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C106	ALCOVE	CONCRETE	---	PAINT	---	PAINT	PAINT	P.C.P.	9'-0"	
C107	INTERV.	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C108	EVIDENCE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C109	PATROL SGTS.	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C110	WORKROOM	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C111	CORRIDOR	STAINED CONCRETE	GLAZED CMU	---	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	3
C112	CORRIDOR	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	3
C113	VESTIBULE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C114	STORAGE	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C115	ELECTRICAL	SEALED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	EXPOSED STRUCTURE	---	
C116	RISER	SEALED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	EXPOSED STRUCTURE	---	
C117	PATROL	STAINED CONCRETE	GLAZED CMU	PAINT	PAINT	PAINT	PAINT	2x2 ACT	9'-0"	
C118	ALCOVE	CONCRETE	---	PAINT	PAINT	---	PAINT	P.C.P.	9'-0"	
D100	EQUIPMENT PLATFORM	SEALED CONCRETE	RESILIENT BASE	PAINT	PAINT	PAINT	PAINT	EXPOSED STRUCTURE	---	
D101	OPEN MECHANICAL YARD	---	---	PAINT	PAINT	PAINT	PAINT	---	---	

ROOM SCHEDULE REMARKS:

1. CEILING HEIGHTS ARE FROM FOUNDATION, & CEILING.  
2. PROVIDE MOISTURE RESISTANT GYP BOARD @ WALLS & CORNERS EQ. TO CONSTRUCTION SPECIALTIES.  
3. PROVIDE CRASH RAILS ALONG WALLS (BOTH SIDES) & CORNERS EQ. TO CONSTRUCTION SPECIALTIES.  
4. ON ACCESS FLOORING.

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LANDSCAPE / IRRIGATION:

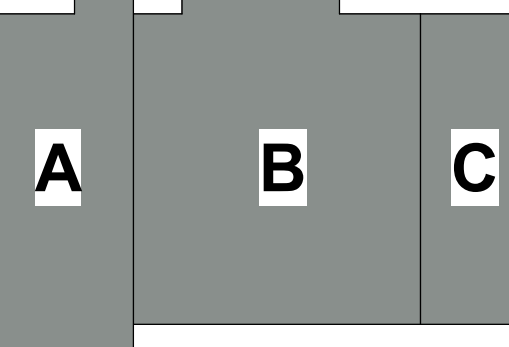
ADLA, INC.  
4833 SARATOGA BLVD., #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



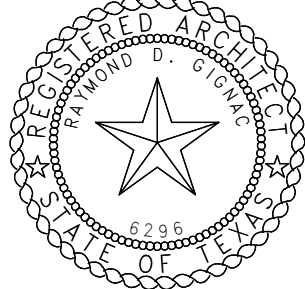
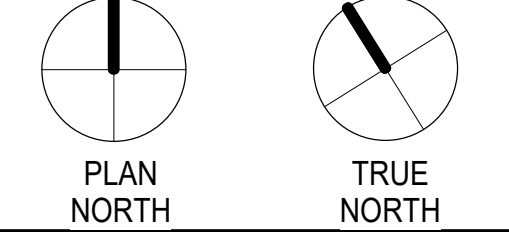
CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS

D

MEZZANINE



1ST FLOOR



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22

Drawing Date: 5/18/2023

Drawn: -

Checked: -

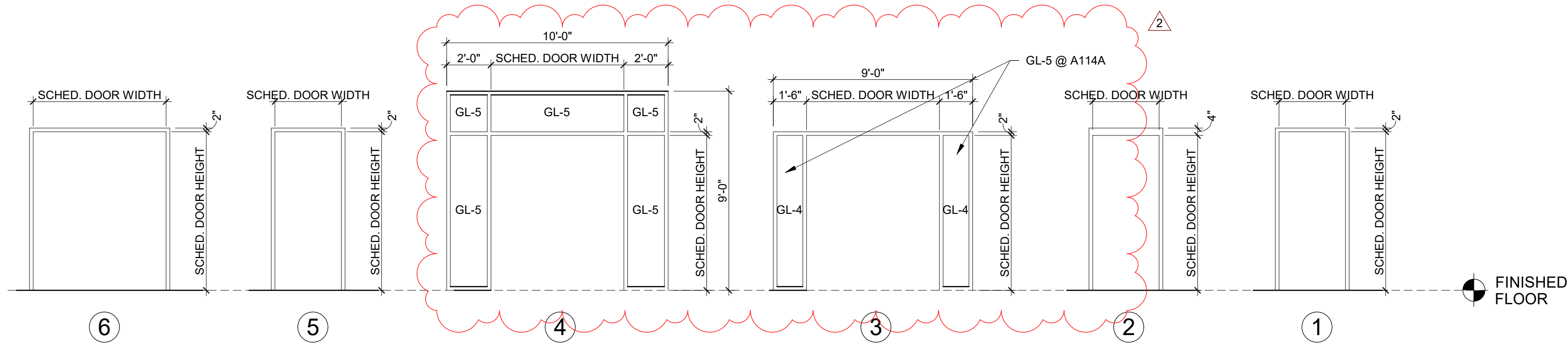
Revisions:

No.	Description	Date
2	Addenda #2	6-15-23

Sheet Title:

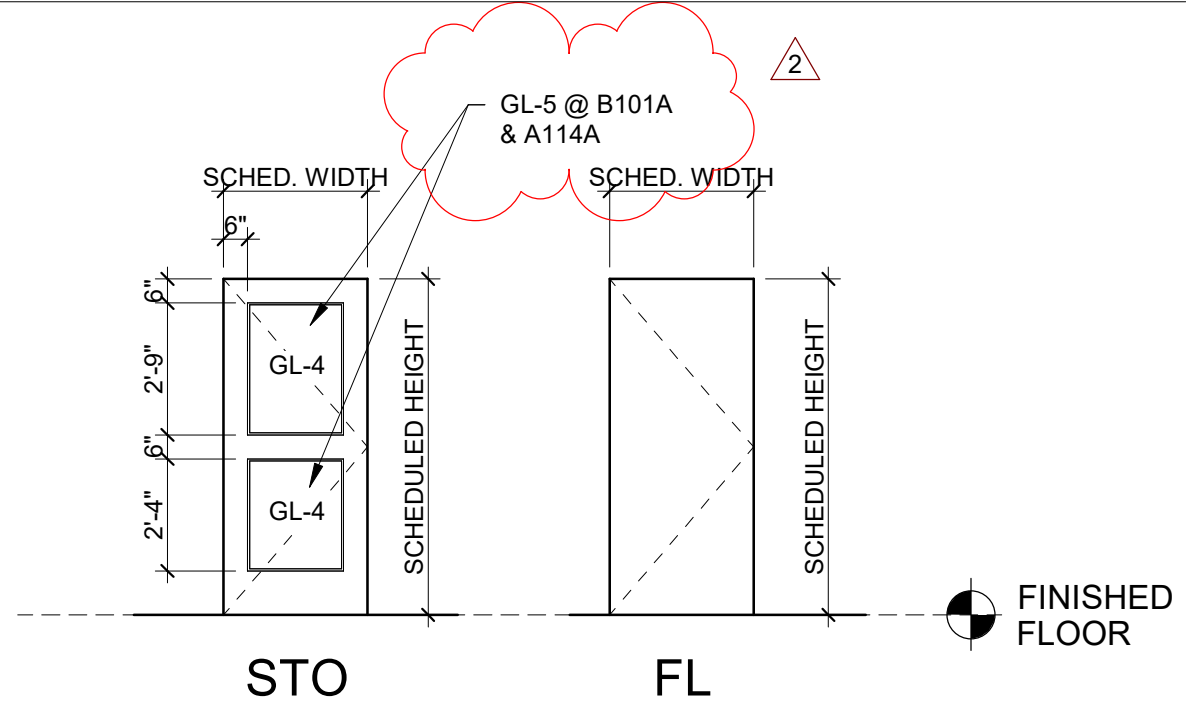
ROOM SCHEDULE





DOOR FRAME ELEVATIONS

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



DOOR ELEVATIONS

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

DOOR SCHEDULE												
MARK	DOOR			FRAME					THRESHO LD	FIRE RATING	REMARKS	
	DOOR WIDTH	DOOR HEIGHT	PAIR	DOOR MATERIAL	DOOR TYPE	FRAME TYPE	FRAME MATERIAL	HEAD DETAIL				
A100	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
A101	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
A102	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
A103	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
A104	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER - LEVEL 3 BALLISTIC	
A105	2' - 6"	7' - 0"	Yes	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	LEVEL 3 BALLISTIC	
A107	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
A108A	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
A108B	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
A108C	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
A109	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A110	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A111	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A113	3' - 0"	7' - 0"	Yes	ALUM	STO	3	ALUM	4 / A-501	5 / A-501	6 / A-501	CARD READER	
A114A	3' - 0"	7' - 0"	Yes	ALUM	STO	3	ALUM	4 / A-501	5 / A-501	6 / A-501	CARD READER - LEVEL 3 BALLISTIC	
A114B	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A115	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
A116	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A117	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A118	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A119	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A120A	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A120B	3' - 0"	7' - 2"		ALUM	STO	5	ALUM	4 / A-501	5 / A-501	6 / A-501	CARD READER	
A121	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A122	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
A124	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B101A	3' - 0"	7' - 0"	Yes	ALUM	STO	4	ALUM	10 / A-502	5 / A-501	6 / A-501	CARD READER - LEVEL 3 BALLISTIC	
B101B	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER - LEVEL 3 BALLISTIC	
B101C	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER - LEVEL 3 BALLISTIC	
B102	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
B103	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B104	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B105	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
B106	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
B107	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
B108	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B111	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B112	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B114	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B115	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B116	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B117A	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
B117B	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
B121	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B122	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B123	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B124	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B125	3' - 6"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
B126	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501	90 min.	
B127	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
B129	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
B130	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501	SEVERE STORM HOLLOW METAL DOORS & FRAMES PER SPEC. SECTION 08113.19 - CARD READER	
B131	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
B132	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
B135	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
B136A	4' - 0"	7' - 0"	No	HM	FL	2	HM	1 / A-502	2 / A-502	12 / A-501	SEVERE STORM HOLLOW METAL DOORS & FRAMES PER SPEC. SECTION 08113.19 - CARD READER	
B136B	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501	SEVERE STORM HOLLOW METAL DOORS & FRAMES PER SPEC. SECTION 08113.19	
B136C	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501	SEVERE STORM HOLLOW METAL DOORS & FRAMES PER SPEC. SECTION 08113.19	
B138	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
B139	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
B140	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
B141	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
B142	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
B143	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
B144	3' - 0"	7' - 0"	No	HM	FL	2	HM	7 / A-501	8 / A-501	3 / A-501		
C100A	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
C100B	3' - 0"	7' - 0"	No	HM	FL	1	HM	10 / A-501	11 / A-501	12 / A-501	CARD READER	
C101	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
C103	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
C104	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
C105	3' - 0"	7' - 0"	Yes	HM	FL	1	HM	10 / A-501	11 / A-501	12 / A-501		
C107	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
C108	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
C109	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
C110	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
C111	3' - 0"	7' - 2"		ALUM	STO	5	ALUM	4 / A-501	5 / A-501	6 / A-501	CARD READER	
C113	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501	CARD READER	
C114	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
C115	3' - 0"	7' - 0"	No	HM	FL	1	HM	10 / A-501	11 / A-501	12 / A-501		
C116	3' - 0"	7' - 0"	No	HM	FL	1	HM	10 / A-501	11 / A-501	12 / A-501		
C117	3' - 0"	7' - 0"	No	HM	FL	1	HM	1 / A-501	2 / A-501	3 / A-501		
D100	3' - 0"	7' - 0"	No	HM	FL	1	HM	10 / A-501	11 / A-501	9 / A-501	DOOR MTD. 18" ABOVE EQUIP. PLATFORM FLOOR	

GLAZING SCHEDULE

GL-1: - 1/516" THICK LOW-E COATED INSULATED TEMPERED GLASS  
GL-2: - 1/4" THICK CLEAR TEMPERED GLASS  
GL-3: - 7/8" THICK CLEAR GLASS GLAD POLYCARBONATE GLAZING  
GL-4: - 9/16" THICK LOW-E COATED INSULATED TEMPERED GLASS  
GL-5: - 1 1/4" THICK CLEAR LAMINATED POLYCARBONATE GLAZING  
(PROVIDE AT ALL INTERIOR GLAZING AT LOBBY. THIS INCLUDES THE SLIDING WINDOW GLAZING, INTERIOR STOREFRONT GLAZING.)

GENERAL NOTE: ALL EXTERIOR GLASS TO BE TYPE GL-1 UNLESS NOTED OTHERWISE

DOOR SCHEDULE REMARKS:

1. DOORS A113, B101A & B136A SHALL BE 7'-0" HIGH.  
2.  
3.

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LANDSCAPE / IRRIGATION:

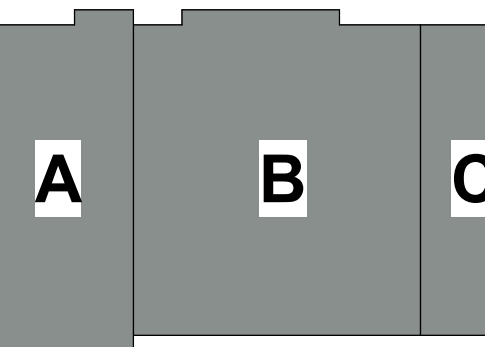
ADLA, INC.  
4833 SARATOGA BLVD., #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



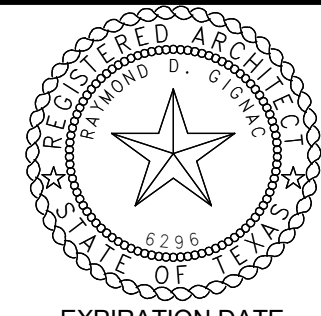
CITY OF PORT ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS

D

MEZZANINE



1ST FLOOR



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22

Drawing Date: 5/18/2023

Drawn: -

Checked: -

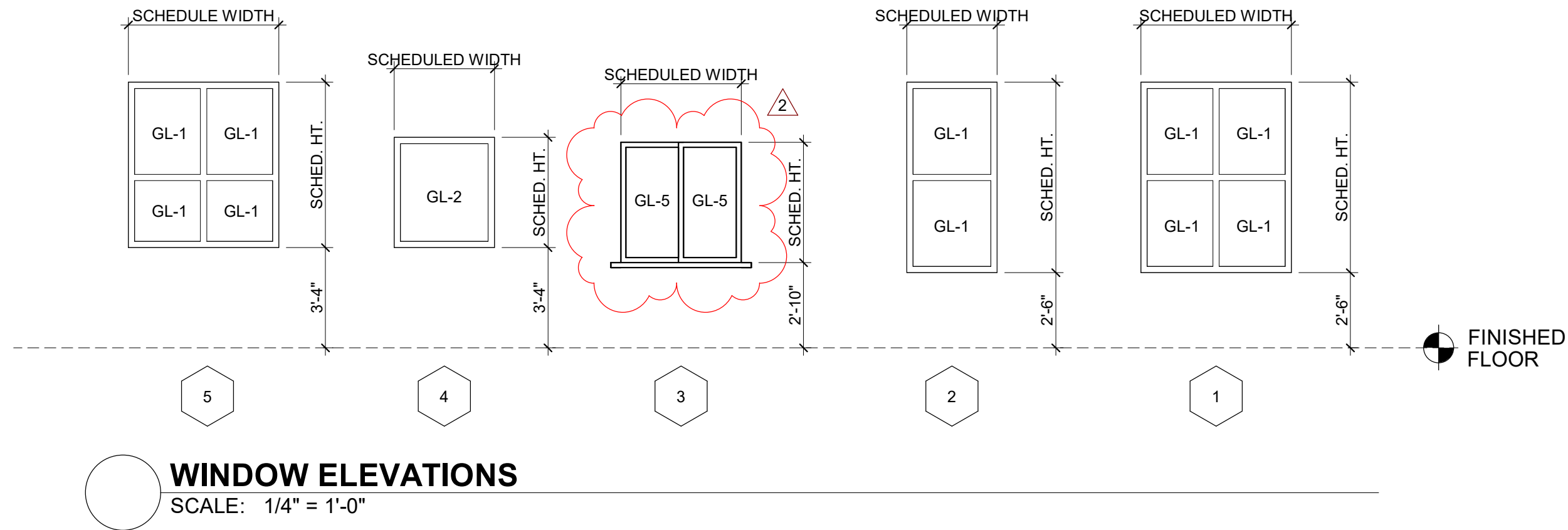
Revisions:

No.	Description	Date
1	Addenda #1	5-31-23
2	Addenda #2	6-15-23

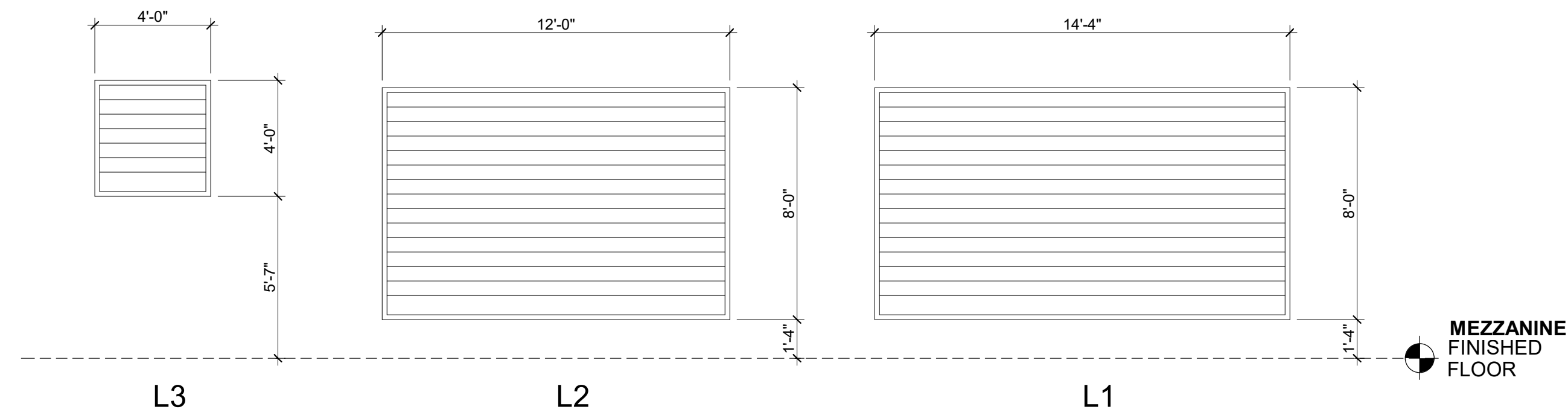
Sheet Title:

DOOR SCHEDULE,  
DOOR TYPES &  
FRAME TYPES





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



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

WINDOW SCHEDULE									
MARK	FRAME WIDTH	FRAME HEIGHT	WINDOW ELEVATION	GLAZING	FRAME MATERIAL	DETAILS			REMARKS
						HEAD	JAMB	SILL	
A01	5' - 0"	6' - 4"	1	GL-1	ALUM.	4 / A-501	3 / A-502	6 / A-501	
A02	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A03	5' - 0"	6' - 4"	1	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A04	5' - 0"	6' - 4"	1	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A05	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A06	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A07	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A08	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A09	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A10	5' - 0"	6' - 4"	1	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A11	5' - 0"	6' - 4"	1	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A12	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
A13	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	LEVEL 3 BALLISTIC
A14	4' - 0"	4' - 0"	3	GL-3	ALUM.	7 / A-502	8 / A-502	9 / A-502	
B01	3' - 4"	3' - 8"	4	GL-2	ALUM.	4 / A-502	5 / A-502	6 / A-502	
B02	3' - 4"	3' - 8"	4	GL-2	ALUM.	4 / A-502	5 / A-502	6 / A-502	
B03	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
B04	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
B05	5' - 0"	6' - 4"	1	GL-1	ALUM.	4 / A-501	3 / A-502	6 / A-501	
B06	3' - 0"	6' - 4"	2	GL-1	ALUM.	4 / A-501	3 / A-502	6 / A-501	
B07	3' - 0"	6' - 4"	2	GL-1	ALUM.	4 / A-501	3 / A-502	6 / A-501	LEVEL 3 BALLISTIC LEVEL 3 BALLISTIC
B08	4' - 0"	4' - 0"	3	GL-3	ALUM.	7 / A-502	8 / A-502	9 / A-502	
B09	4' - 0"	4' - 0"	3	GL-3	ALUM.	7 / A-502	8 / A-502	9 / A-502	
C01	5' - 0"	5' - 6"	5	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
C02	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
C03	3' - 0"	6' - 4"	2	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
C04	5' - 0"	5' - 6"	5	GL-1	ALUM.	10 / A-502	11 / A-502	12 / A-502	
C05	4' - 0"	4' - 0"	3	GL-3	ALUM.	7 / A-502	8 / A-502	9 / A-502	BULLET RESISTANT

WINDOW SCHEDULE REMARKS:

- 1.
- 2.
- 3.

GLAZING SCHEDULE

GL-1: - 1 5/16" THICK LOW-E COATED INSULATED TEMPERED GLASS  
GL-2: - 1/4" THICK CLEAR TEMPERED GLASS  
GL-3: - 7/8" THICK CLEAR GLASS GLAD POLYCARBONATE GLAZING  
GL-4: - 9/16" THICK LOW-E COATED INSULATED TEMPERED GLASS  
GL-5: - 1 1/4" THICK CLEAR LAMINATED POLYCARBONATE GLAZING  
(PROVIDE AT ALL INTERIOR GLAZING AT LOBBY. THIS INCLUDES THE SLIDING WINDOW GLAZING, INTERIOR STOREFRONT GLAZING.)

GENERAL NOTE: ALL EXTERIOR GLASS TO BE TYPE GL-1 UNLESS NOTED OTHERWISE.

GENERAL WINDOW NOTES:

1. PROVIDE MANUAL WINDOW SHADES @ ALL EXTERIOR WINDOWS.

LOUVER SCHEDULE						
Mark	Width	Height	HEAD	JAMB	SILL	Comments
L1	14' - 4"	8' - 0"	1 / A-503	2 / A-503	3 / A-503	
L2	12' - 0"	8' - 0"	1 / A-503	2 / A-503	3 / A-503	
L3	4' - 0"	4' - 0"	1 / A-503	2 / A-503	3 / A-503	

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LANDSCAPE / IRRIGATION:

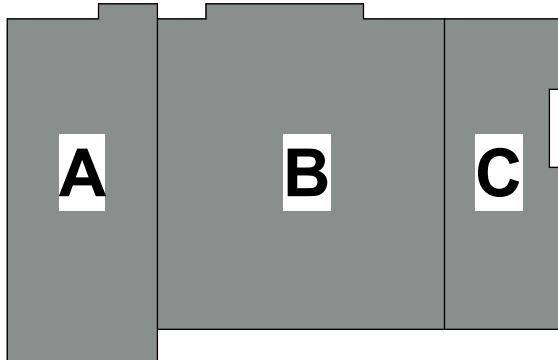
ADLA, INC.  
4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
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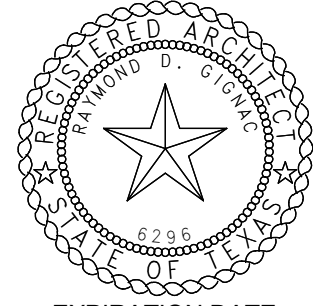
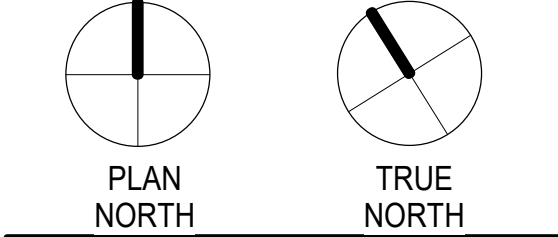
CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS

D

MEZZANINE



1ST FLOOR



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: -  
Checked: -

Revisions:

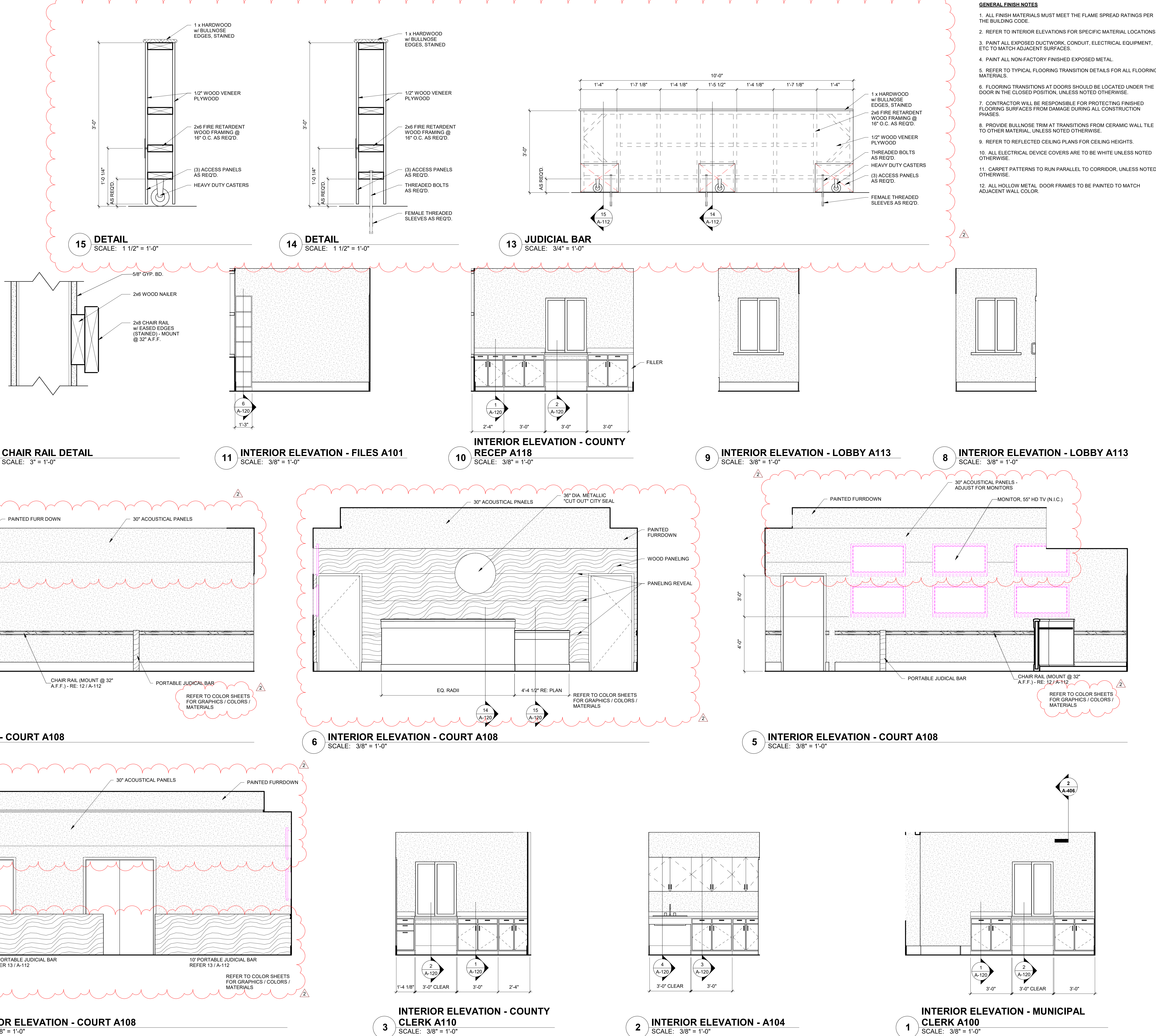
No.	Description	Date
1	Addenda #1	5-31-23
2	Addenda #2	6-15-23

Sheet Title:

WINDOW SCHEDULE,  
WINDOW TYPES,  
LOUVER SCHEDULE  
& LOUVER TYPES



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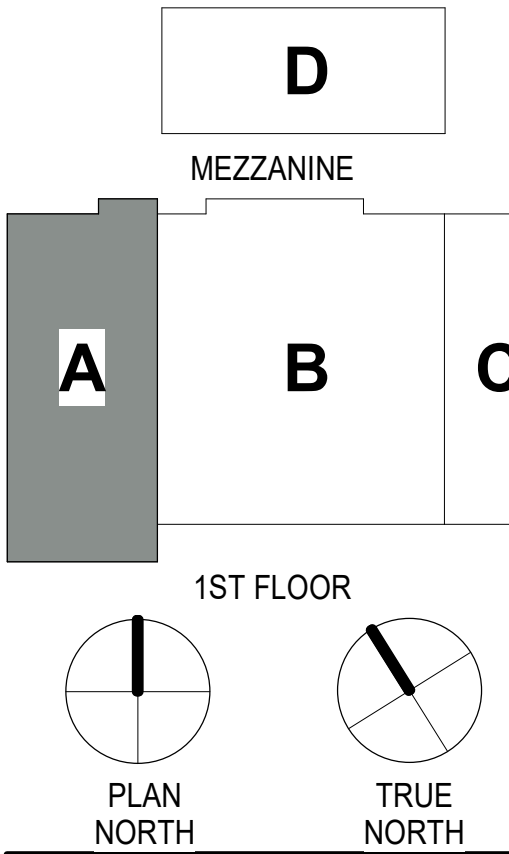
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**MEP:**  
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**LANDSCAPE / IRRIGATION:**  
ADLA, INC.  
4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



**CITY OF PORT ARANSAS  
PUBLIC SAFETY CENTER  
PORT ARANSAS, TEXAS**



SIGNED ON 5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: Author  
Checked: Checker

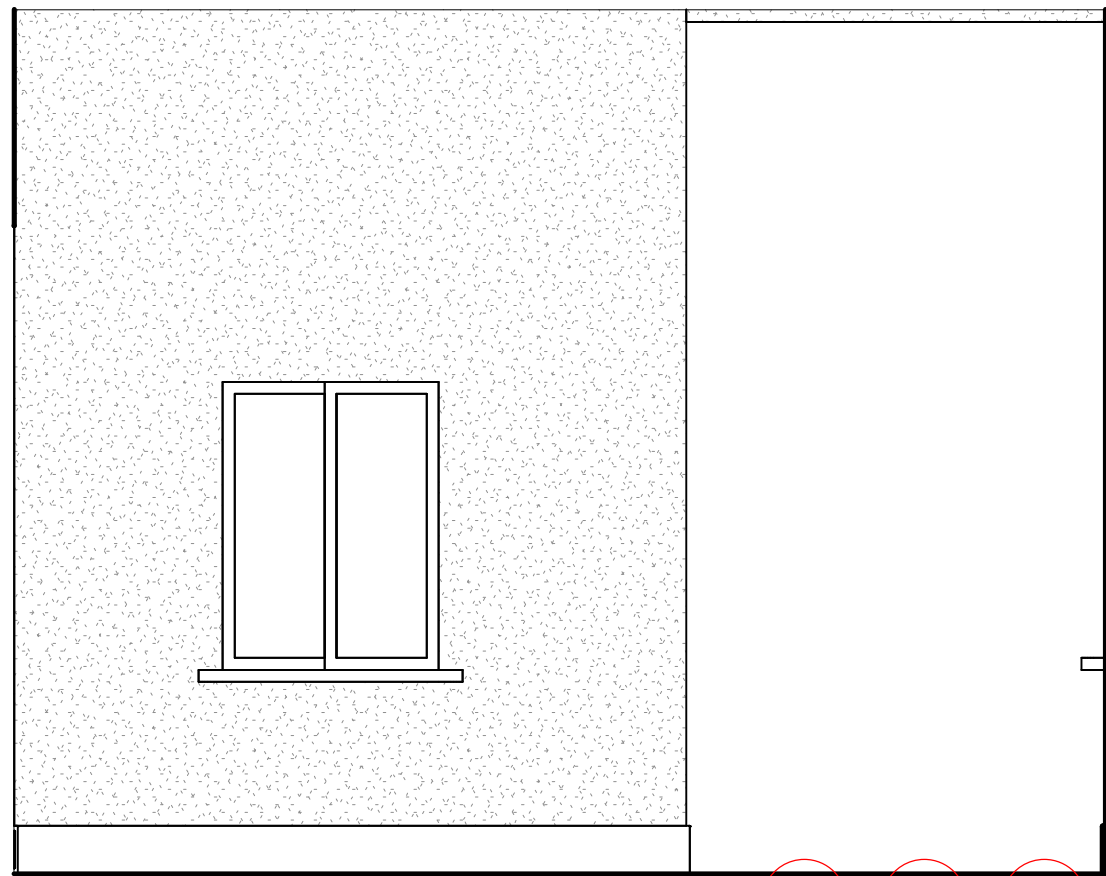
Revisions:

No.	Description	Date
2	Addenda #2	6-15-23

Sheet Title:  
**INTERIOR ELEVATIONS**

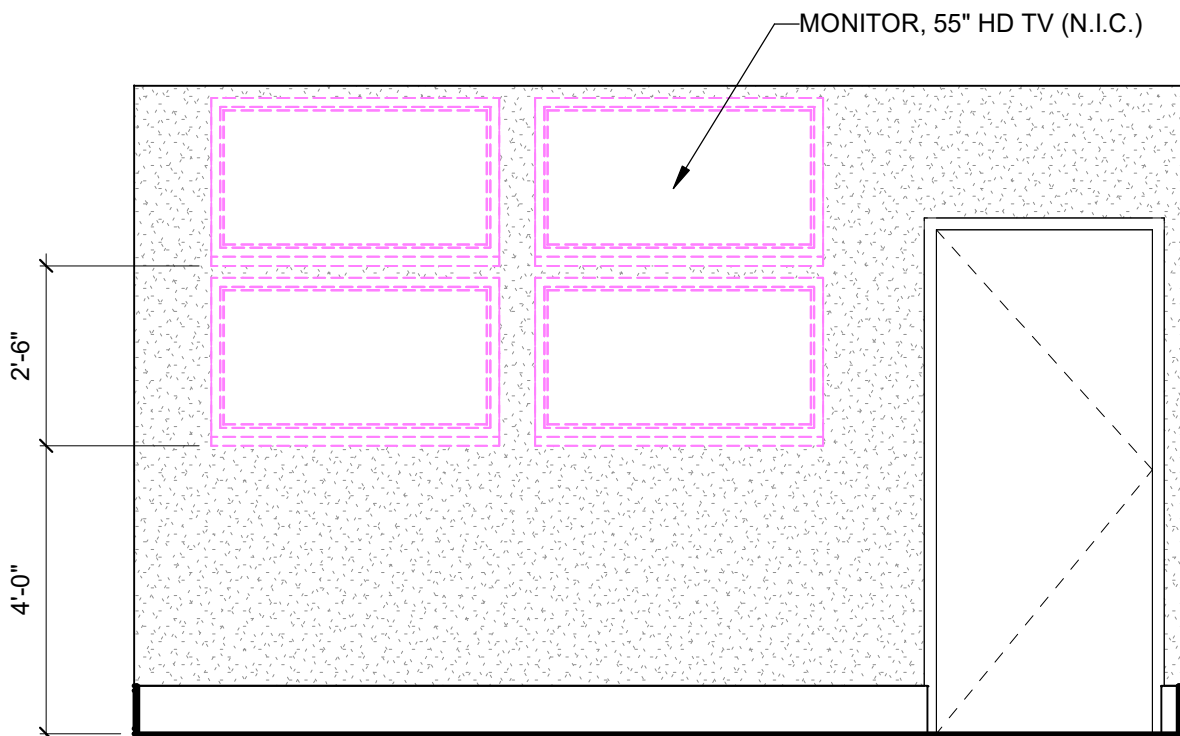


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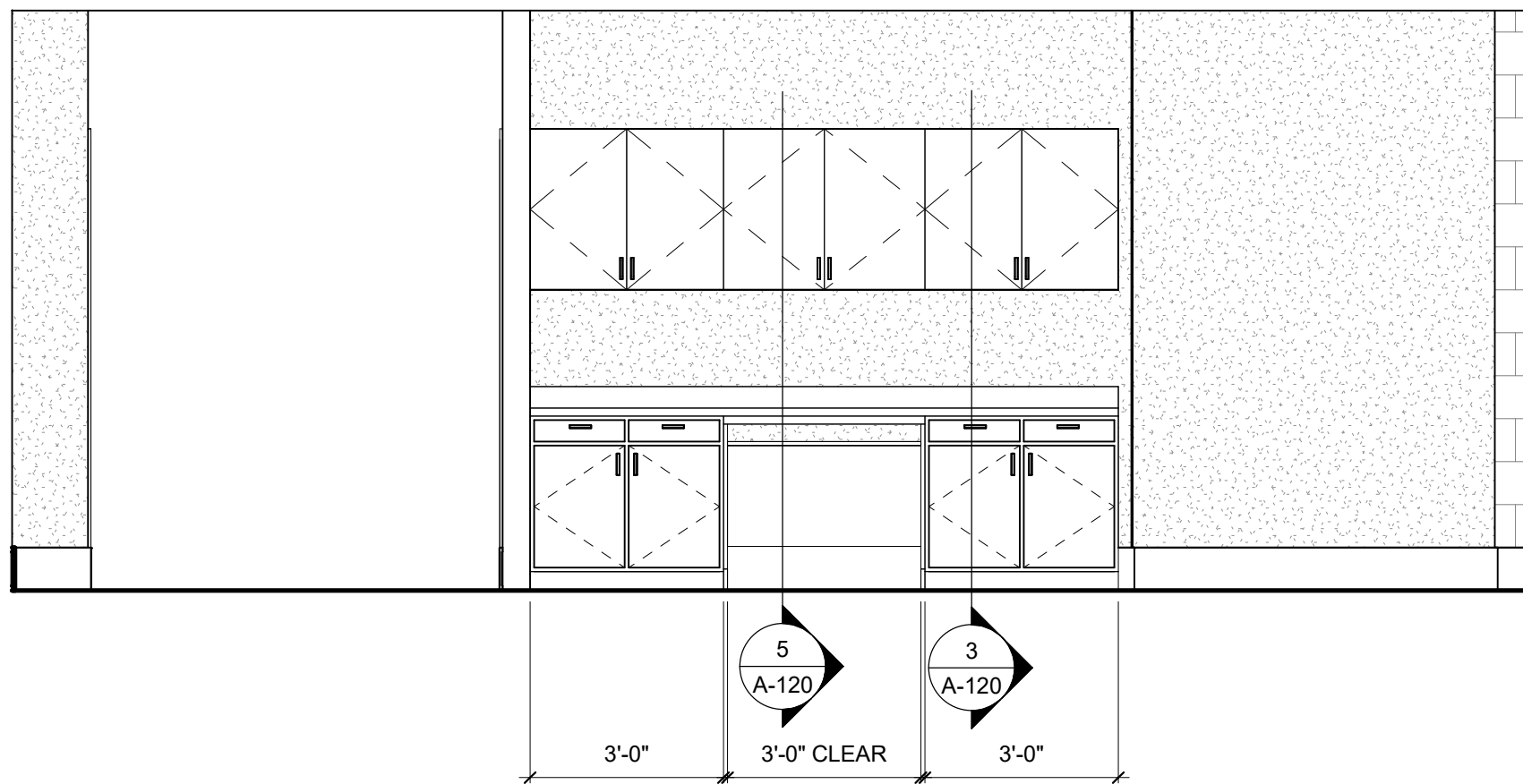


REFER TO COLOR SHEETS  
FOR GRAPHICS / COLORS /  
MATERIALS

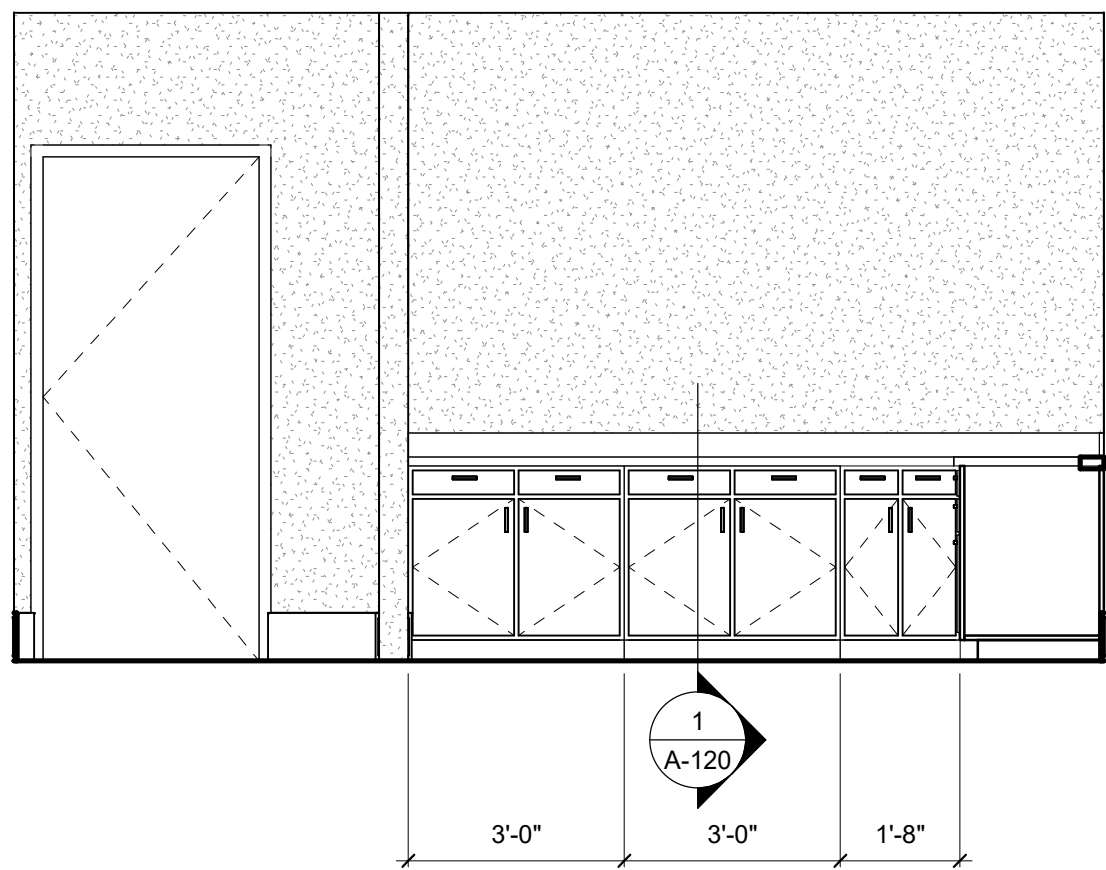
10 INTERIOR ELEVATION - LOBBY B101  
SCALE: 3/8" = 1'-0"



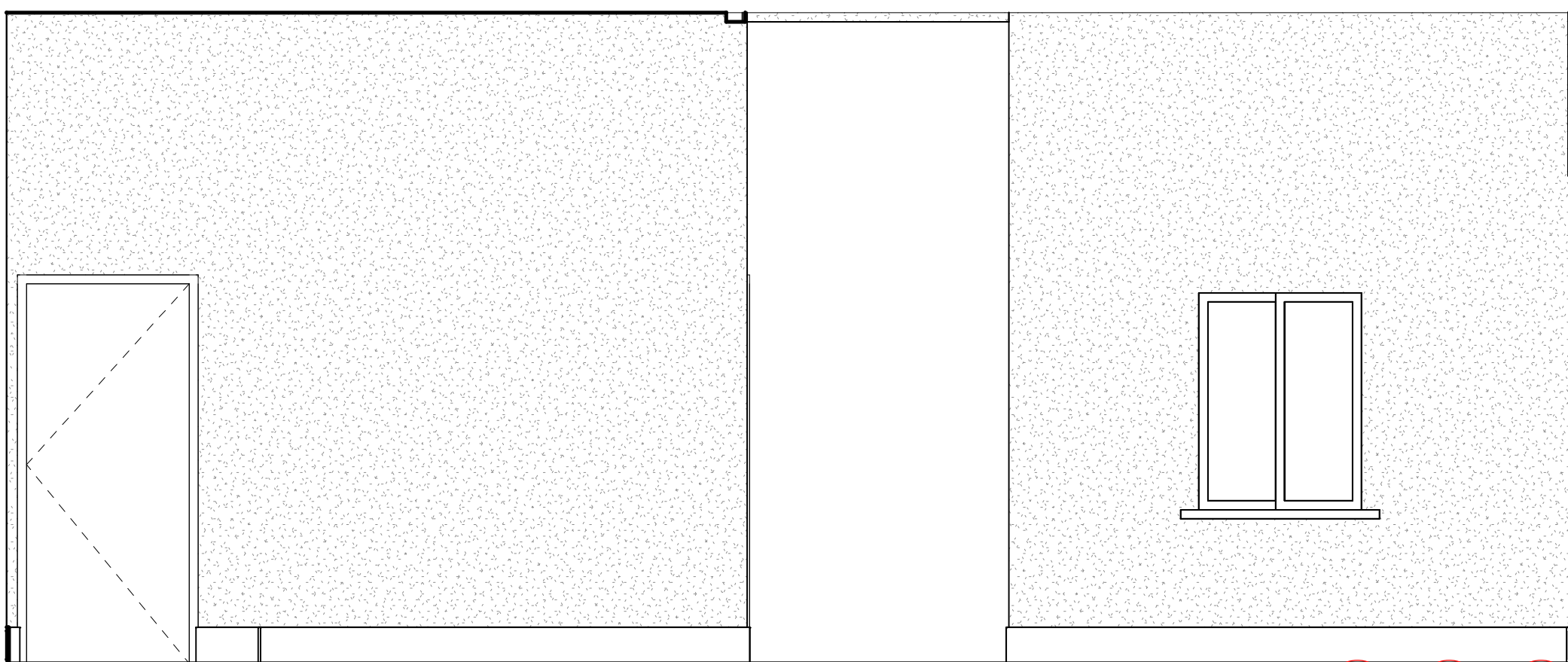
9 INTERIOR ELEVATION - CHIEF B105  
SCALE: 3/8" = 1'-0"



8 INTERIOR ELEVATION - CORRIDOR  
B118  
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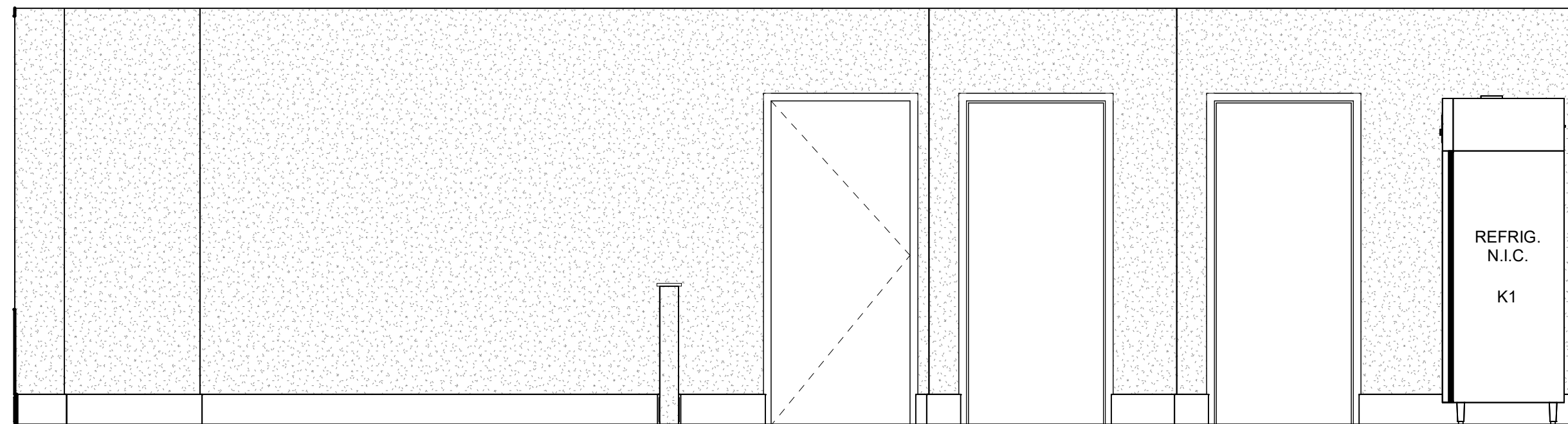


6 INTERIOR ELEVATION - MUNICIPAL  
RECORDS B102  
SCALE: 3/8" = 1'-0"

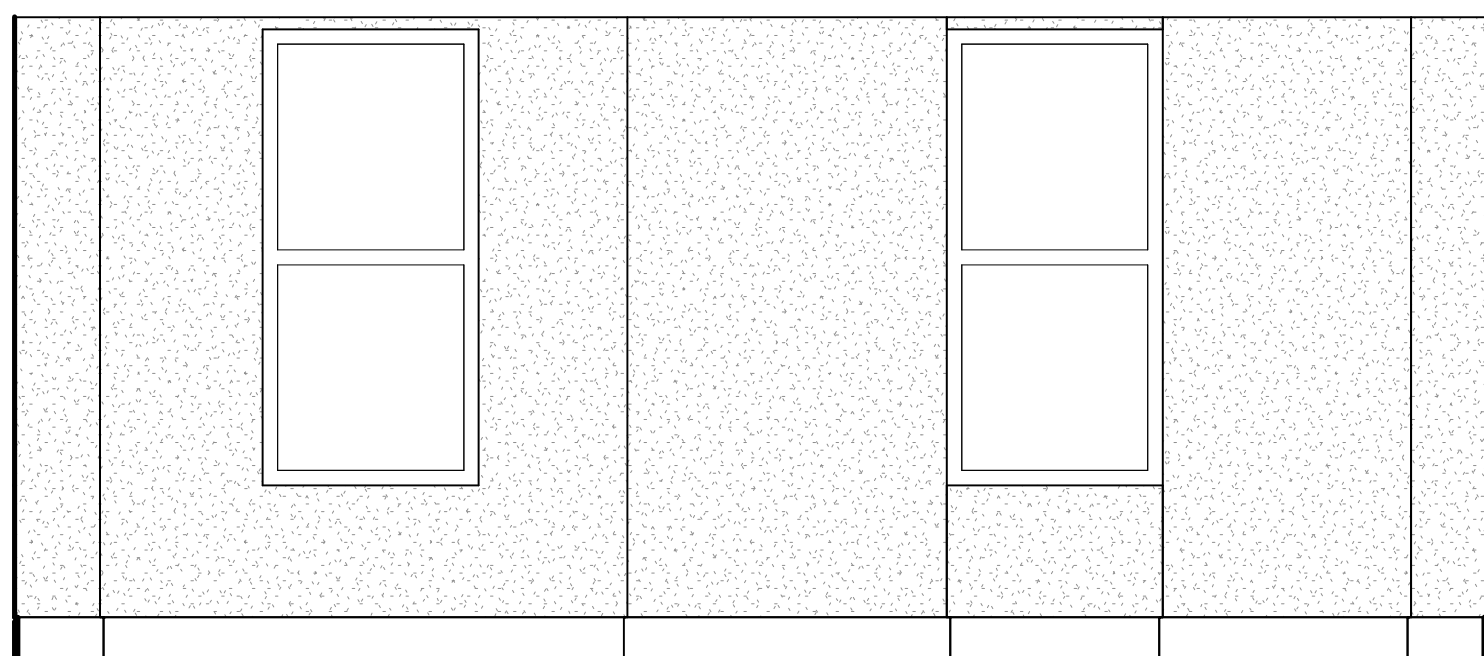


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FOR GRAPHICS / COLORS /  
MATERIALS

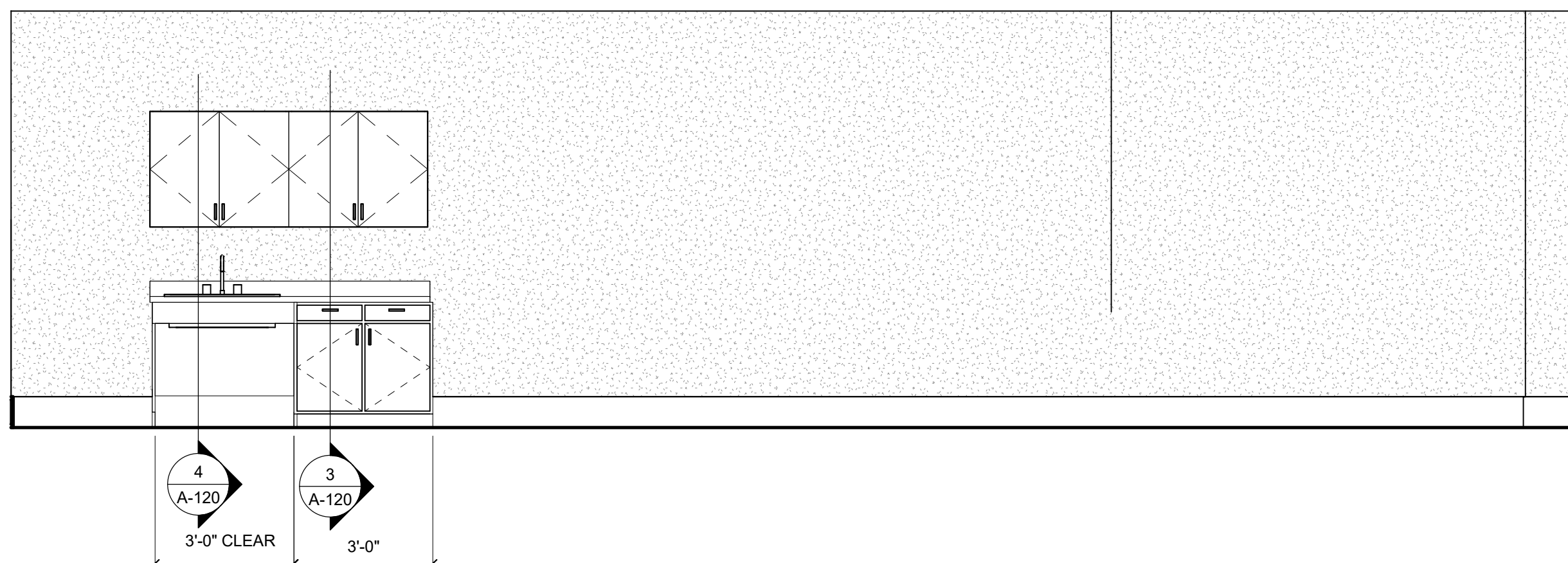
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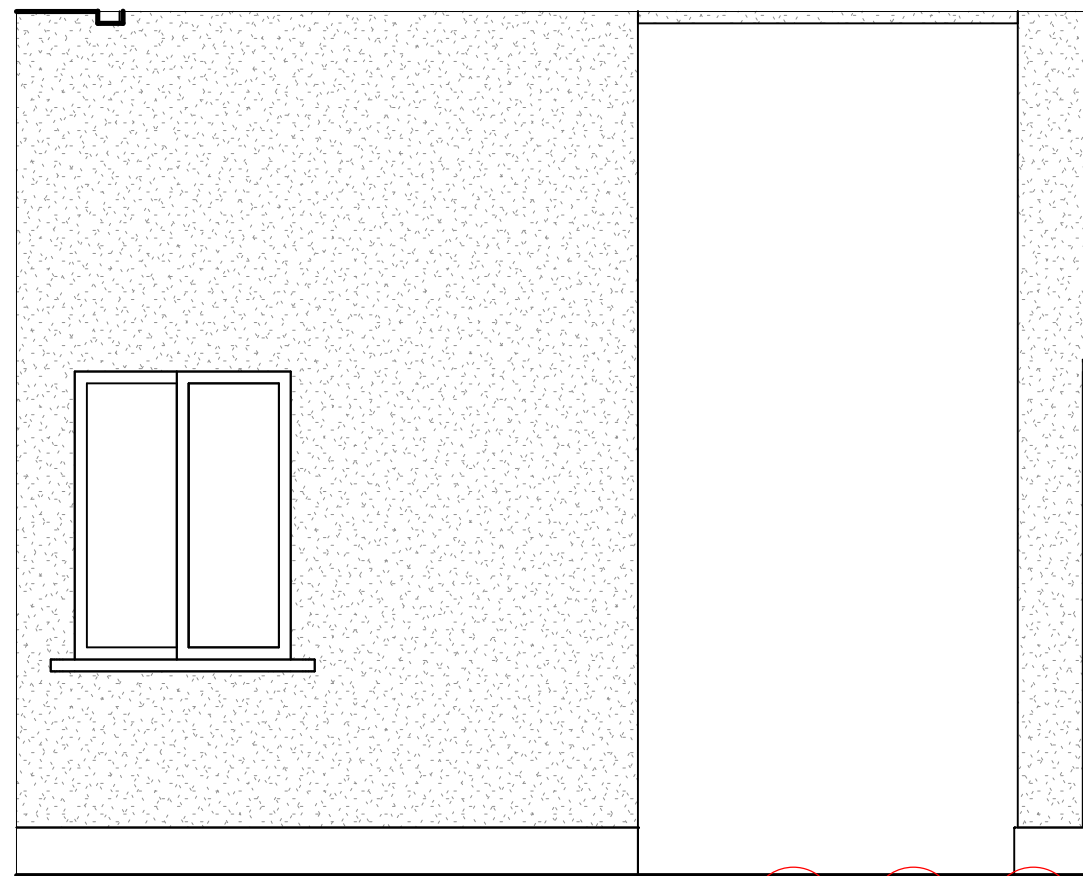
4 INTERIOR ELEVATION - DEPUTIES  
ROOM A122  
SCALE: 3/8" = 1'-0"



3 INTERIOR ELEVATION - DEPUTIES  
ROOM A122  
SCALE: 3/8" = 1'-0"

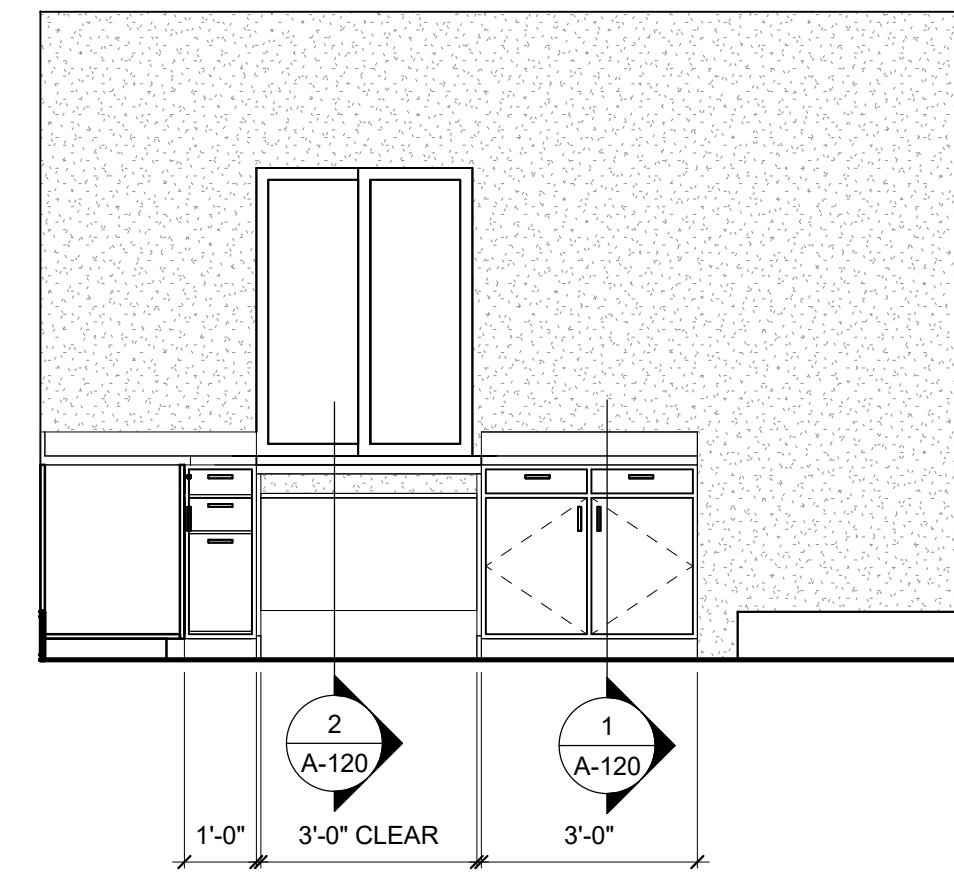


2 INTERIOR ELEVATION - DEPUTIES  
ROOM A122  
SCALE: 3/8" = 1'-0"

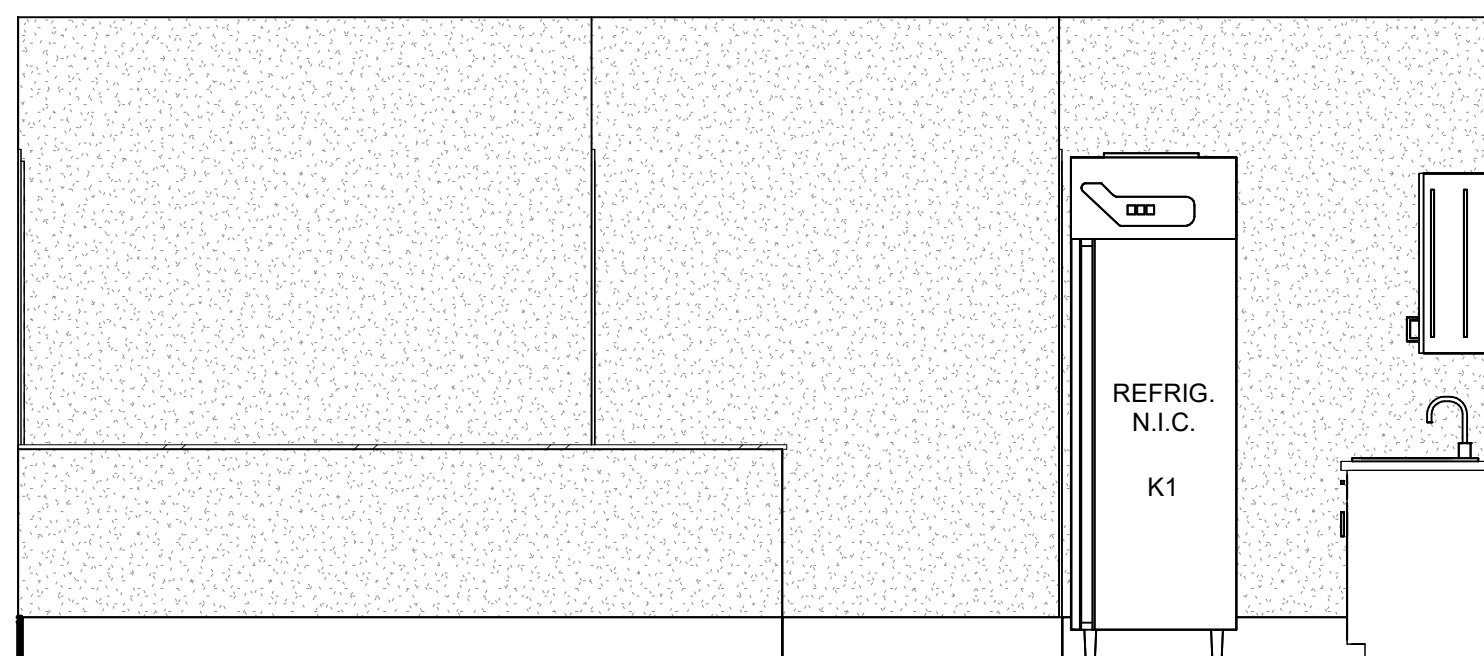


REFER TO COLOR SHEETS  
FOR GRAPHICS / COLORS /  
MATERIALS

11 INTERIOR ELEVATION - LOBBY B101  
SCALE: 3/8" = 1'-0"



7 INTERIOR ELEVATION - MUNICIPAL  
RECORDS B102  
SCALE: 3/8" = 1'-0"



1 INTERIOR ELEVATION - DEPUTIES  
ROOM A122  
SCALE: 3/8" = 1'-0"

#### GENERAL FINISH NOTES

1. ALL FINISH MATERIALS MUST MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.
2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS, ETC TO MATCH ADJACENT SURFACES.
3. PAINT ALL EXPOSED DUCTWORK, CONDUIT, ELECTRICAL EQUIPMENT, ETC TO MATCH ADJACENT SURFACES.
4. PAINT ALL NON-FACTORY FINISHED EXPOSED METAL.
5. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR ALL FLOORING MATERIALS.
6. FLOORING TRANSITIONS AT DOORS SHOULD BE LOCATED UNDER THE DOOR IN THE CLOSED POSITION, UNLESS NOTED OTHERWISE.
7. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.
8. PROVIDE BULLNOSE TRIM AT TRANSITIONS FROM CERAMIC WALL TILE TO OTHER MATERIAL, UNLESS NOTED OTHERWISE.
9. REFER TO REFLECTED CEILING PLANS FOR CEILING HEIGHTS.
10. ALL ELECTRICAL DEVICE COVERS ARE TO BE WHITE UNLESS NOTED OTHERWISE.
11. CARPET PATTERNS TO RUN PARALLEL TO CORRIDOR, UNLESS NOTED OTHERWISE.
12. ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR.

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##### LANDSCAPE / IRRIGATION:

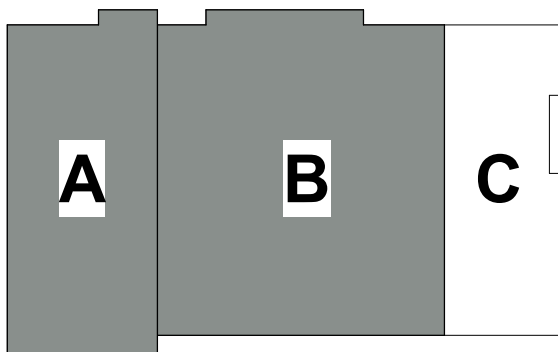
ADLA, INC.  
4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



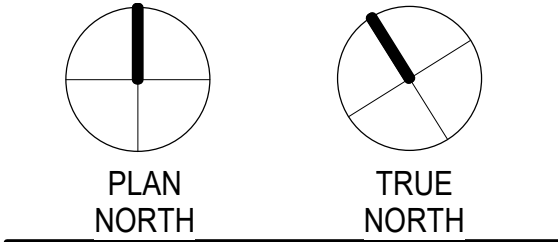
#### CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS

D

MEZZANINE



1ST FLOOR



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: JJS  
Checked: Checker

Revisions:

No.	Description	Date
1	Addenda #1	5-31-23
2	Addenda #2	6-15-23

Sheet Title:

INTERIOR  
ELEVATIONS

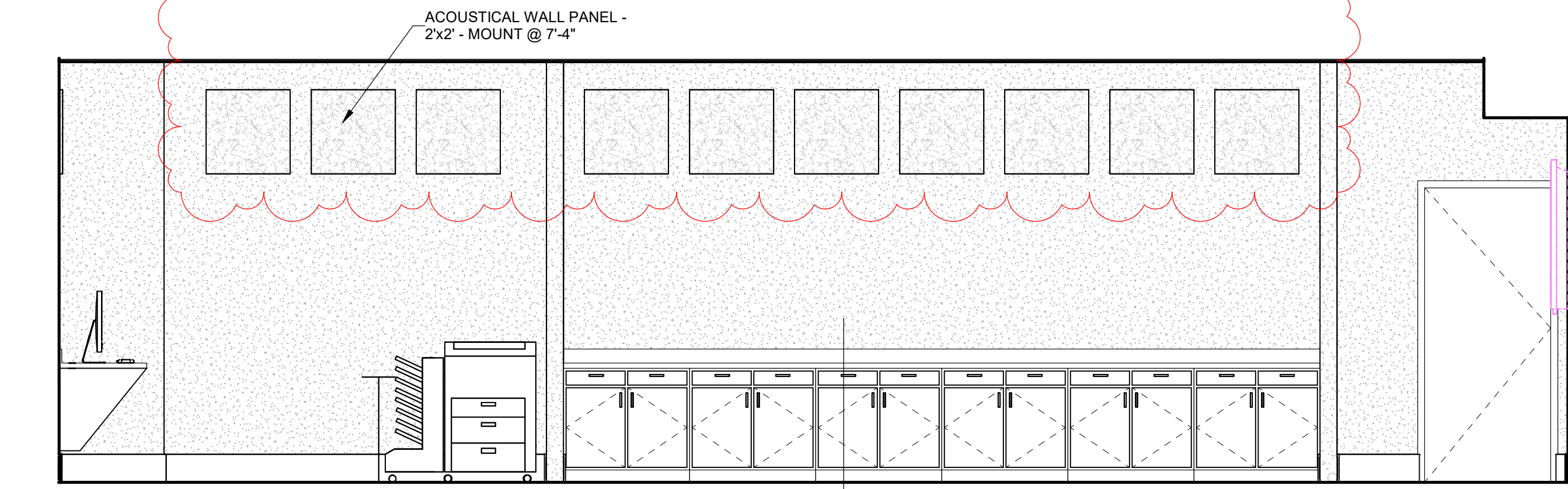


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### INTERIOR ELEVATION - PATROL

**C117**

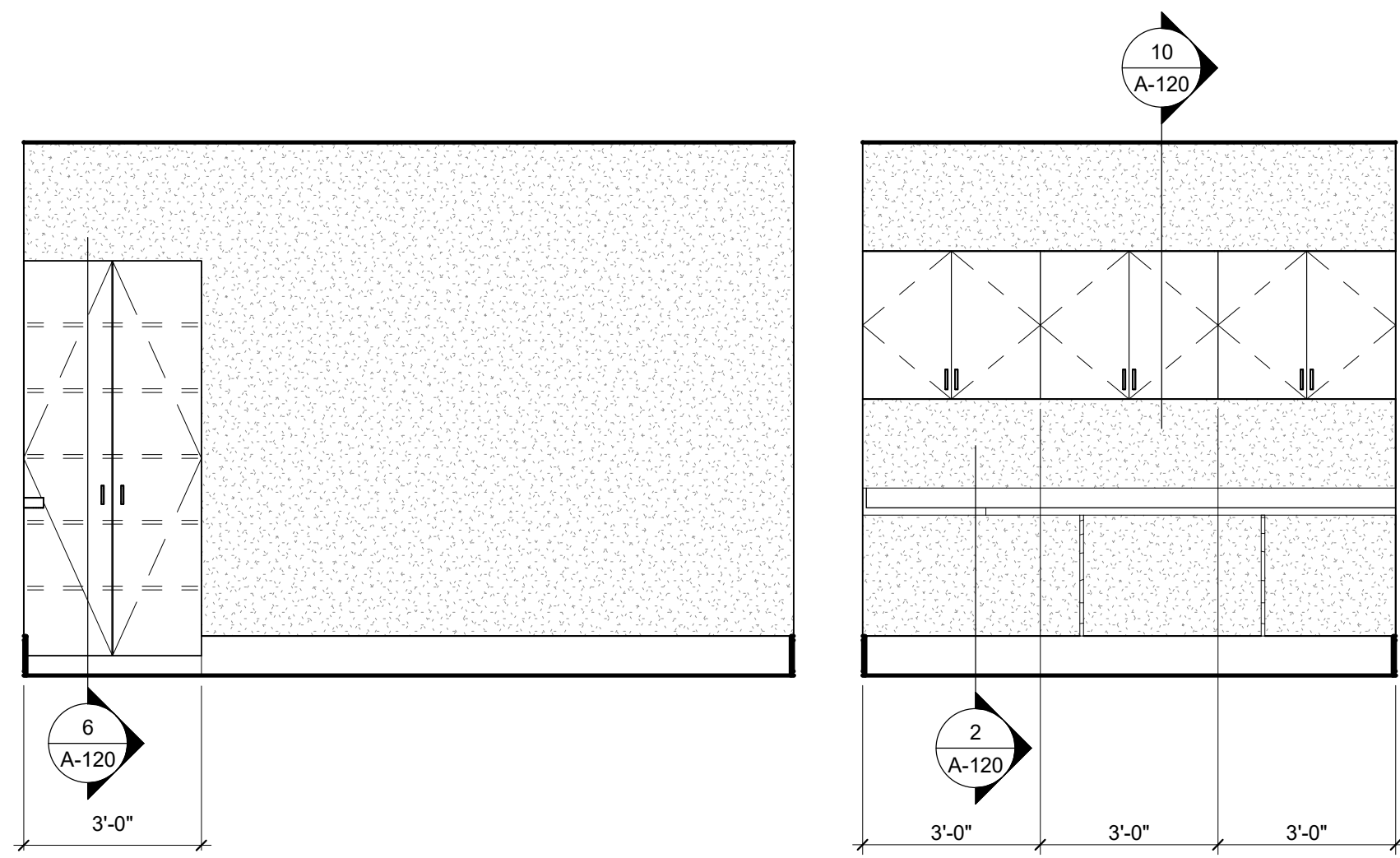
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### INTERIOR ELEVATION - PATROL

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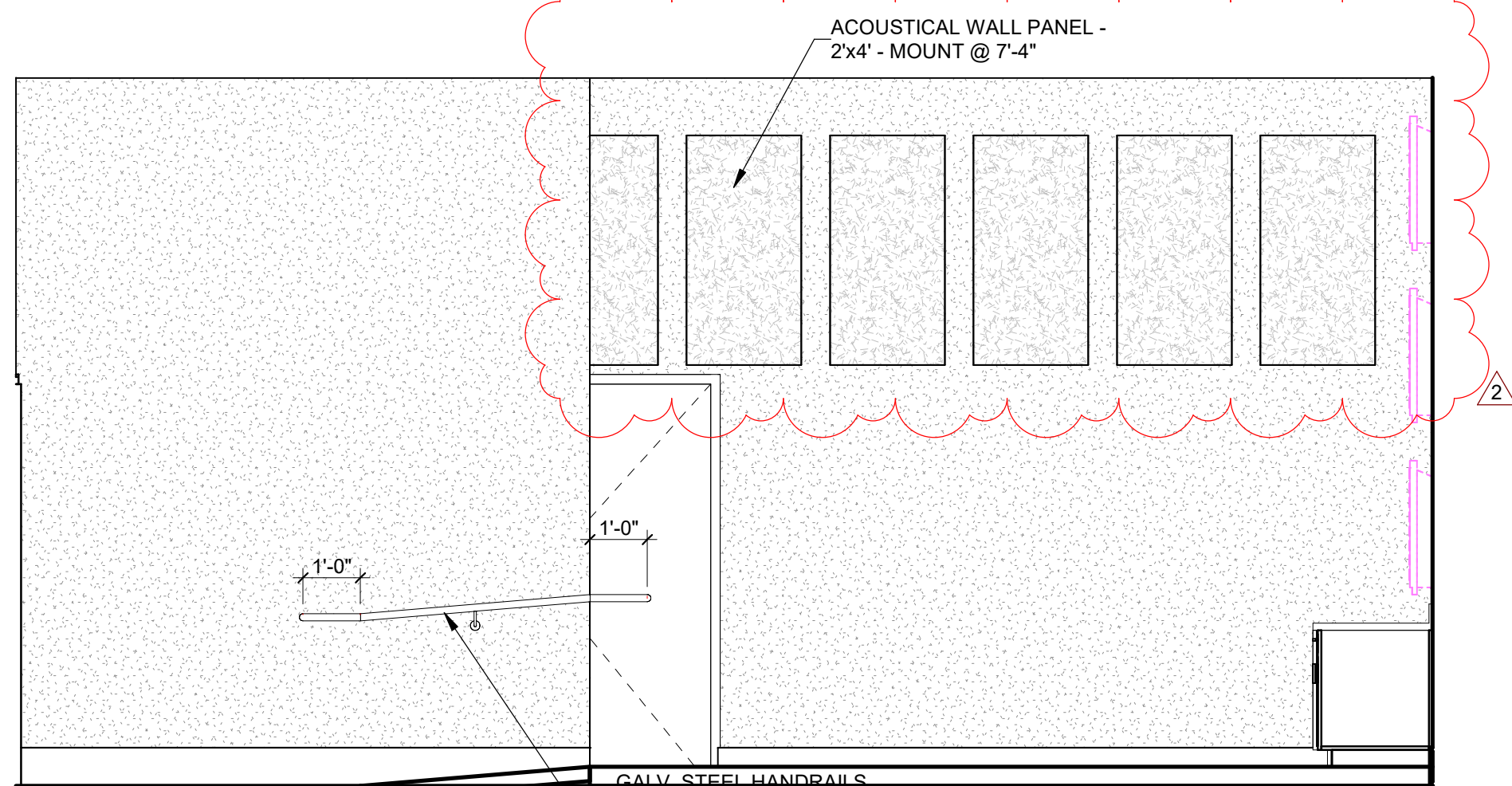
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### INTERIOR ELEVATION - STORAGE

**C114**

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



### INTERIOR ELEVATION - DISPATCH

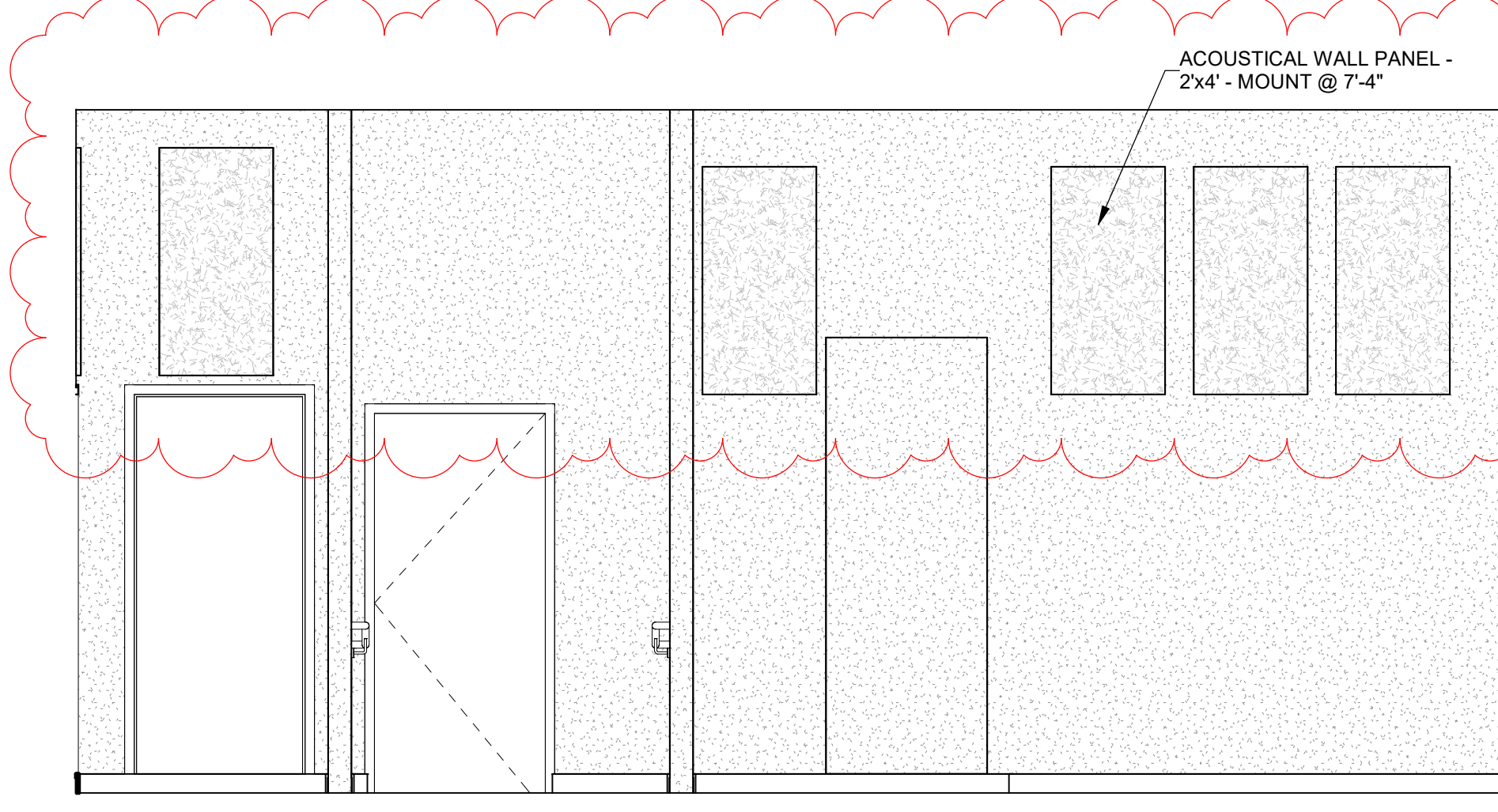
**B117**

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

### INTERIOR ELEVATION - DISPATCH

**B117**

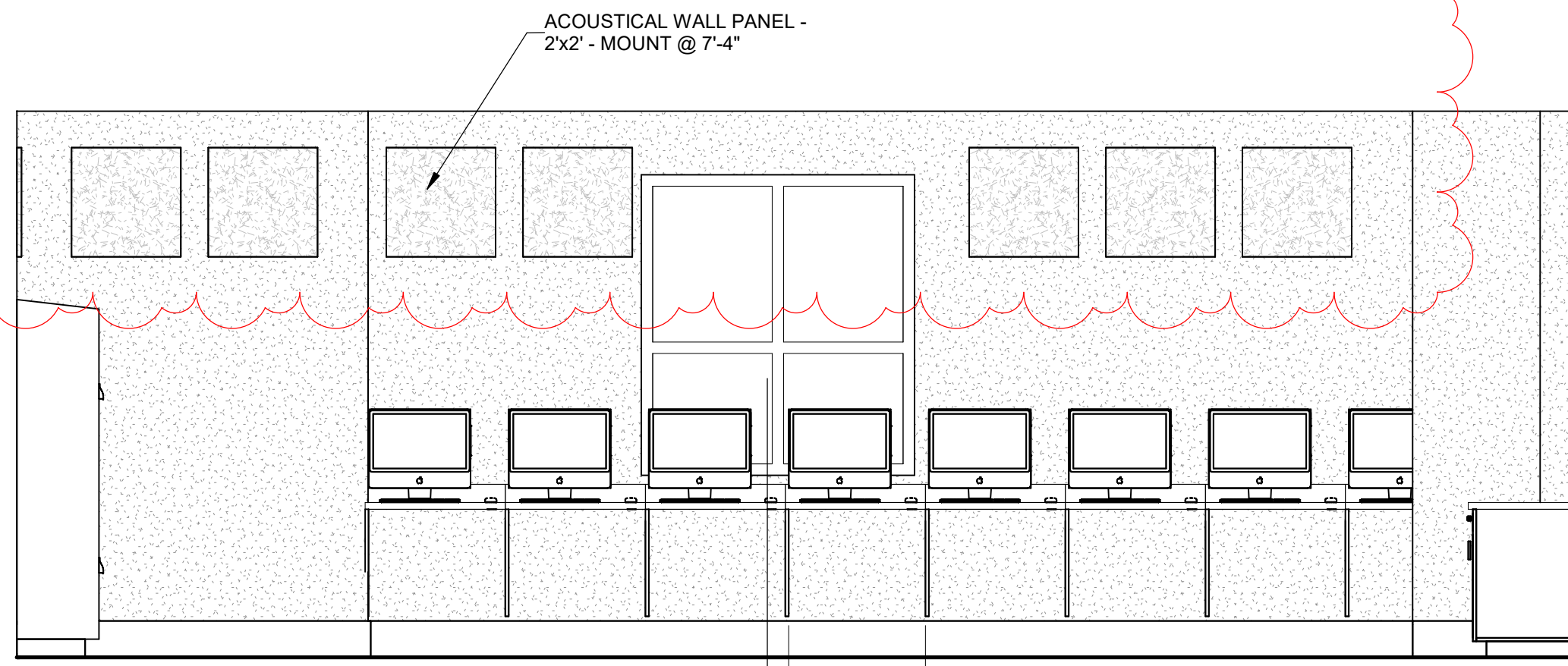
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### INTERIOR ELEVATION - PATROL

**C117**

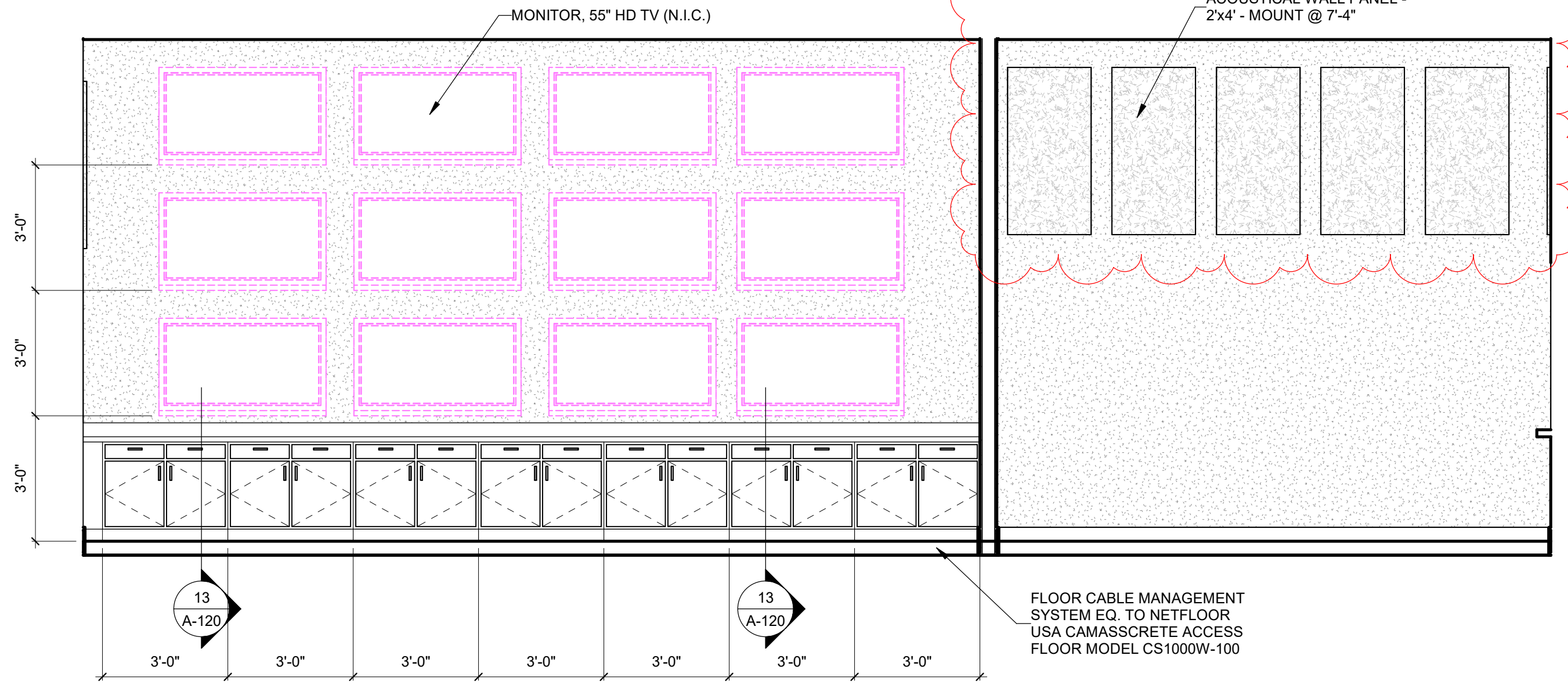
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### INTERIOR ELEVATION - PATROL

**C117**

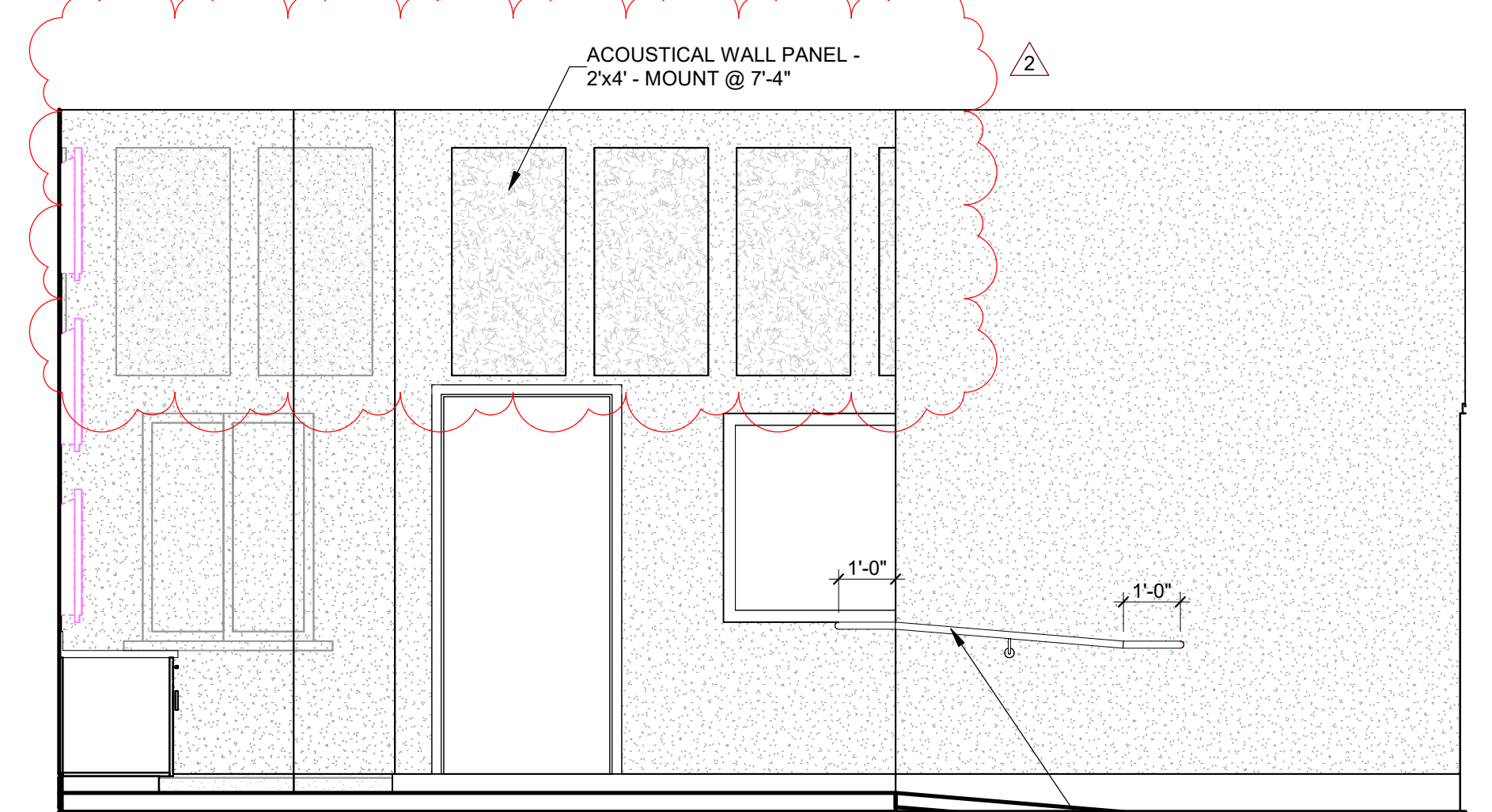
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### INTERIOR ELEVATION - DISPATCH

**B117**

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



### INTERIOR ELEVATION - DISPATCH

**B117**

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



#### GENERAL FINISH NOTES

1. ALL FINISH MATERIALS MUST MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.
2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS. ETC TO MATCH ADJACENT SURFACES.
3. PAINT ALL EXPOSED DUCTWORK, CONDUIT, ELECTRICAL EQUIPMENT, ETC TO MATCH ADJACENT SURFACES.
4. PAINT ALL NON-FACTORY FINISHED EXPOSED METAL.
5. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR ALL FLOORING MATERIALS.
6. FLOORING TRANSITIONS AT DOORS SHOULD BE LOCATED UNDER THE DOOR IN THE CLOSED POSITION, UNLESS NOTED OTHERWISE.
7. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.
8. PROVIDE BULLNOSE TRIM AT TRANSITIONS FROM CERAMIC WALL TILE TO OTHER MATERIAL, UNLESS NOTED OTHERWISE.
9. REFER TO REFLECTED CEILING PLANS FOR CEILING HEIGHTS.
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11. CARPET PATTERNS TO RUN PARALLEL TO CORRIDOR, UNLESS NOTED OTHERWISE.
12. ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR.

#### CONSULTANTS

##### CIVIL:

URBAN ENGINEERING  
2725 SWANTNER  
CORPUS CHRISTI, TEXAS 78404  
T 361.854.3101

##### STRUCTURAL:

GREEN, RUBIANO & ASSOCIATES  
1220 W. HARRISON AVE.  
HARLINGEN, TEXAS 78550  
T 956.428.4461

##### MEP:

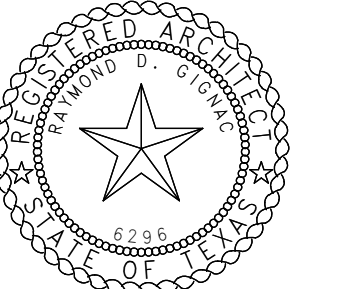
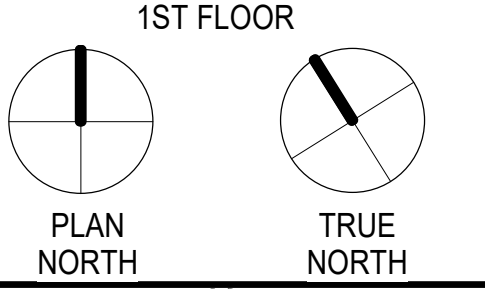
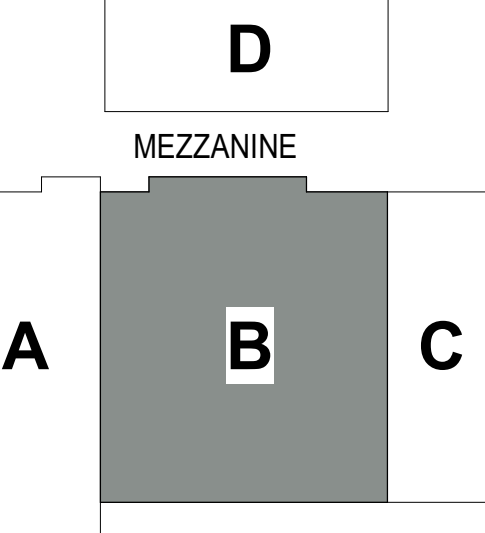
MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

##### LANDSCAPE / IRRIGATION:

ADLA, INC.  
4833 SARATOGA BLVD., #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



**CITY OF PORT ARANSAS**  
**PUBLIC SAFETY CENTER**  
**PORT ARANSAS, TEXAS**



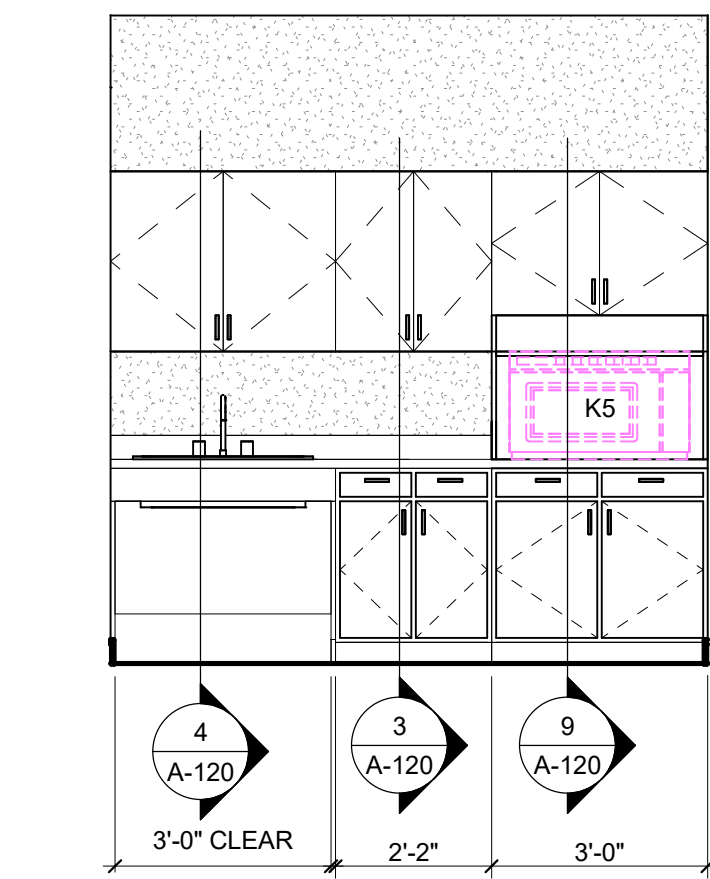
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SIGNED ON  
5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: JJS  
Checked: Checker

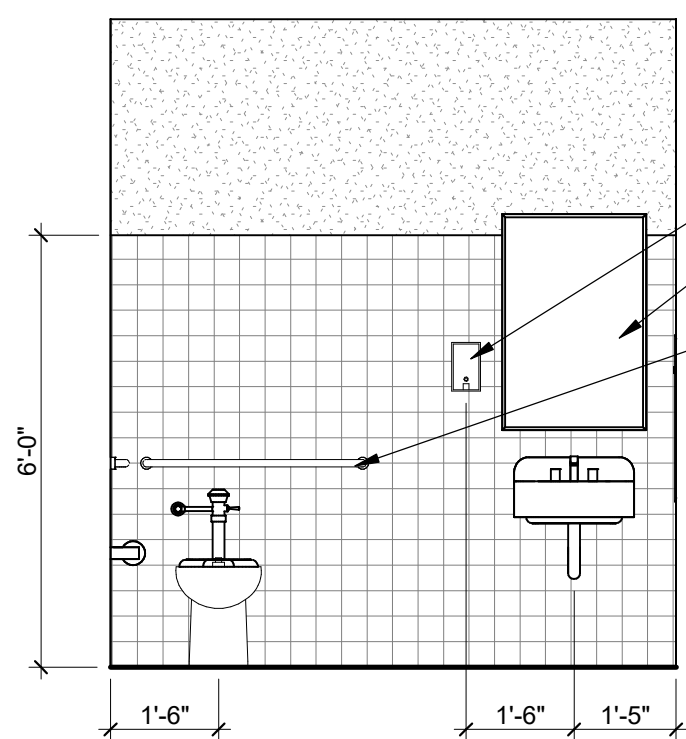
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No. Description Date  
2 Addenda #2 6-15-23

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**INTERIOR ELEVATIONS**

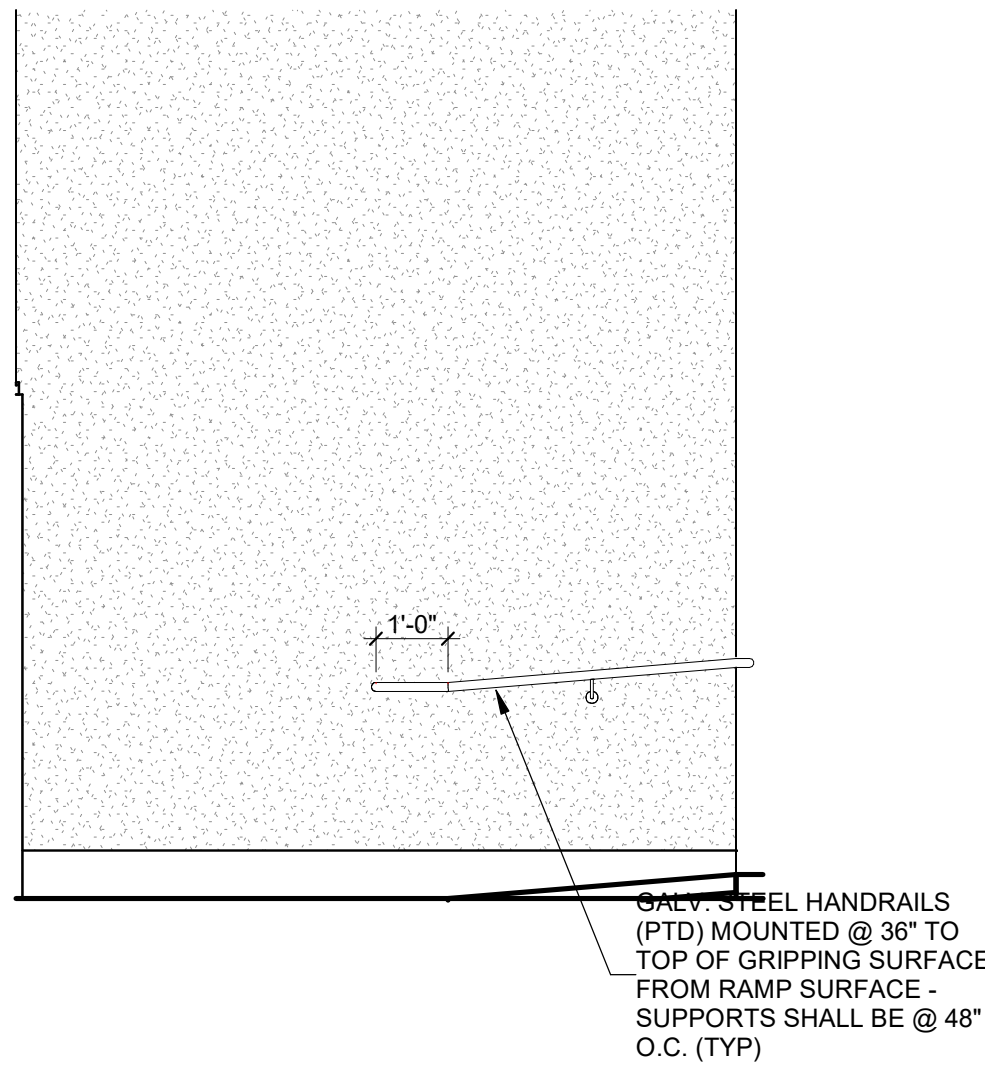




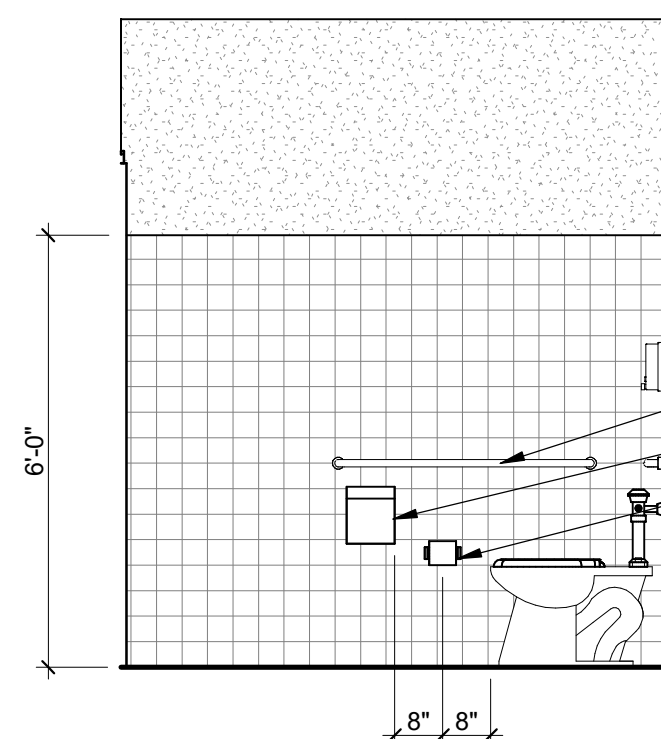
**10 INTERIOR ELEVATION - BREAK ROOM B128**  
SCALE: 3/8" = 1'-0"



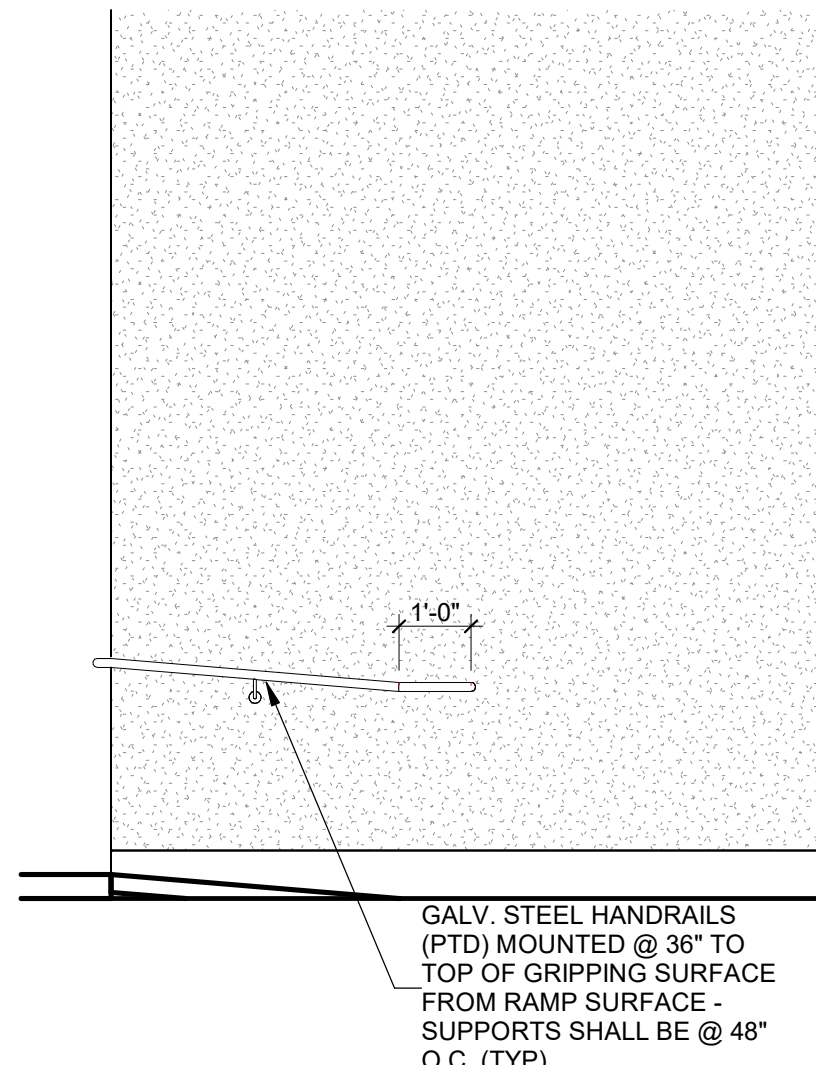
**5 INTERIOR ELEVATION - UNISEX TOILET A117**  
SCALE: 3/8" = 1'-0"



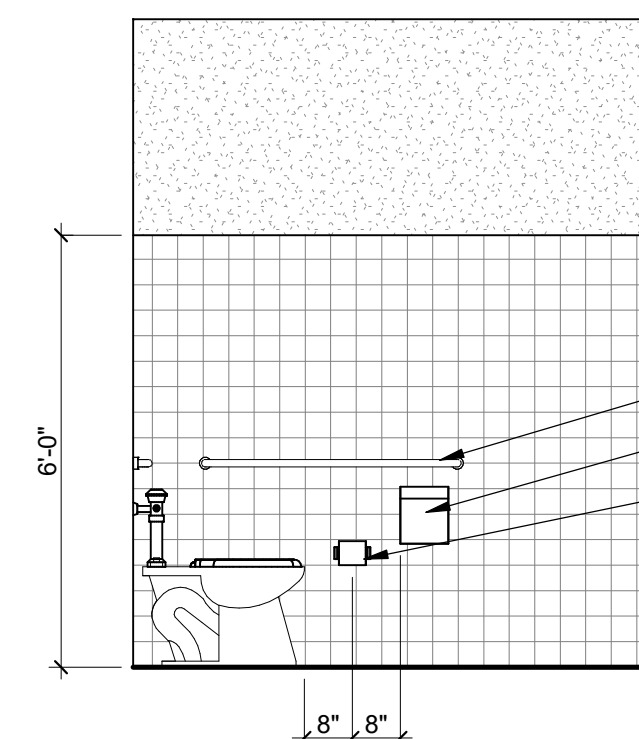
**9 INTERIOR ELEVATION - DISPATCH B117**  
SCALE: 3/8" = 1'-0"



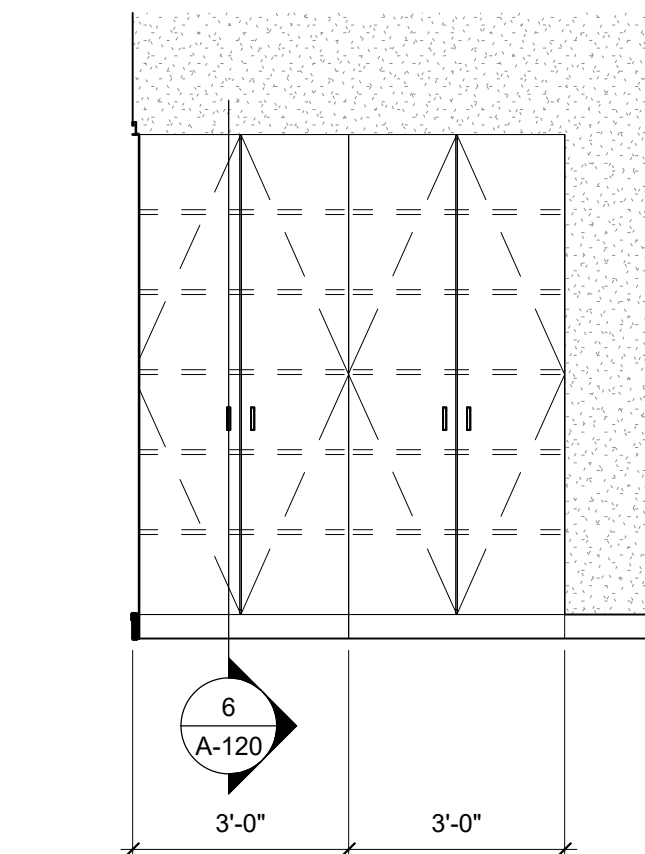
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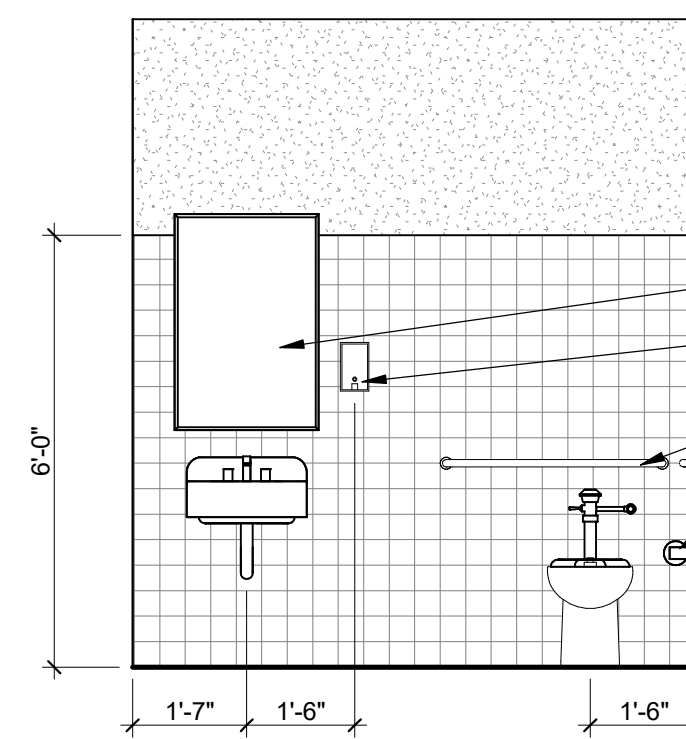
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SCALE: 3/8" = 1'-0"



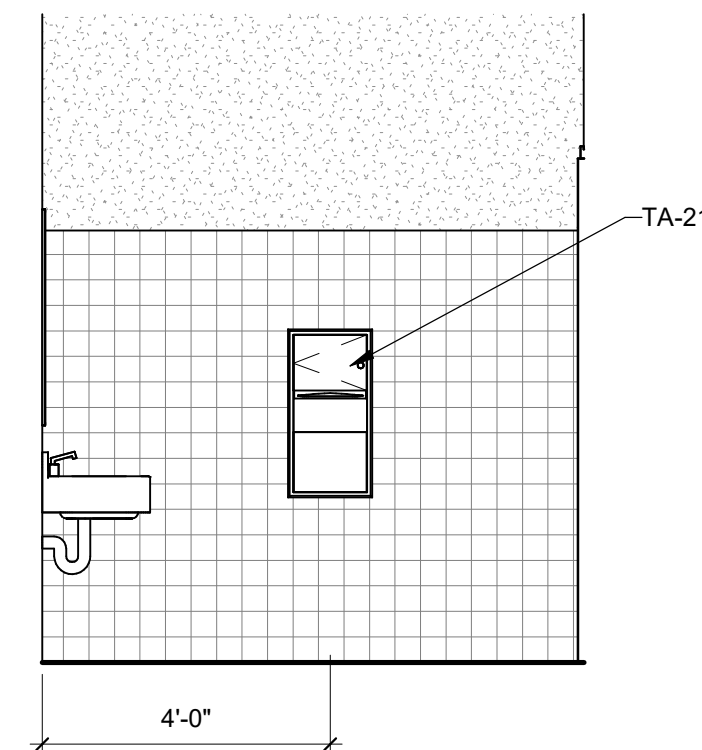
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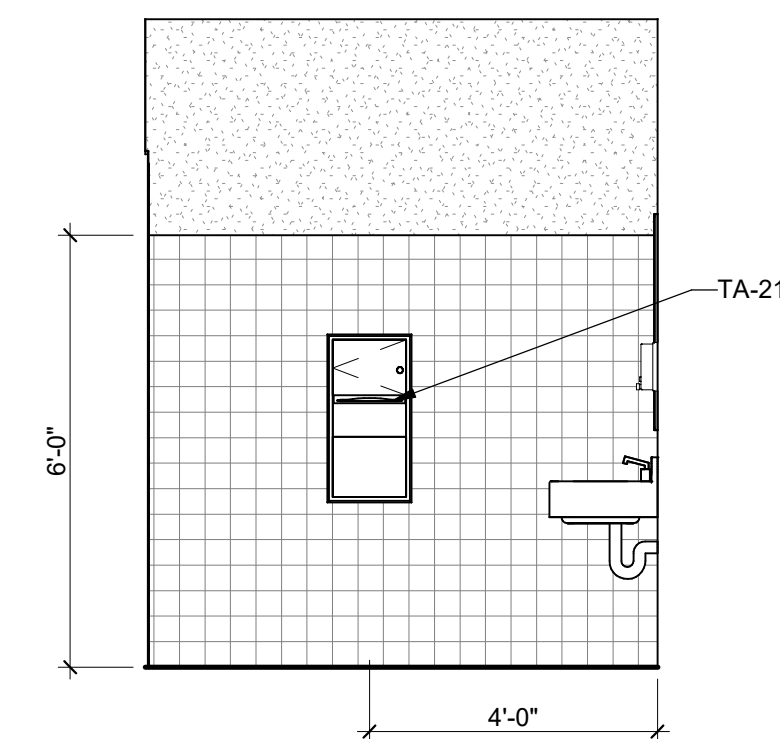
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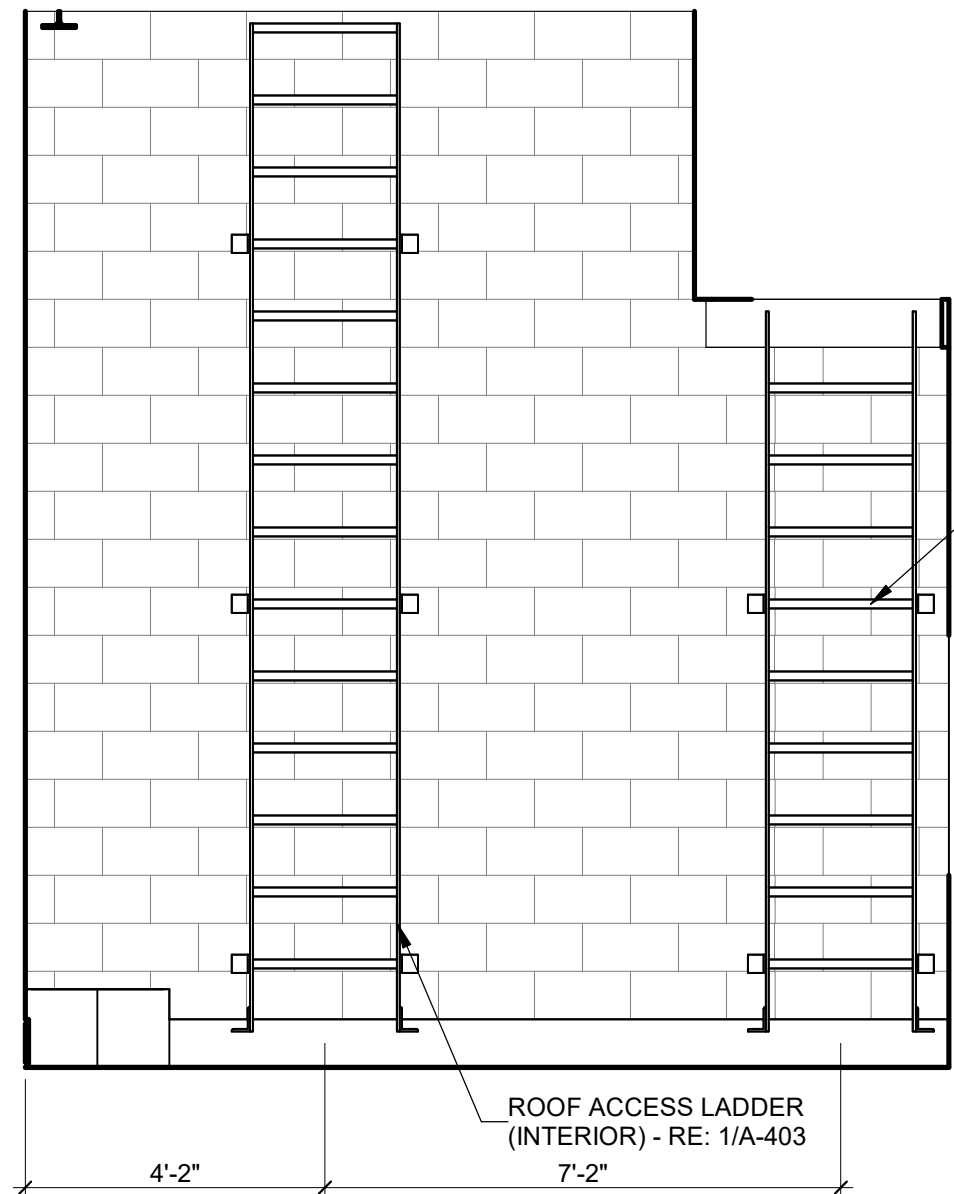
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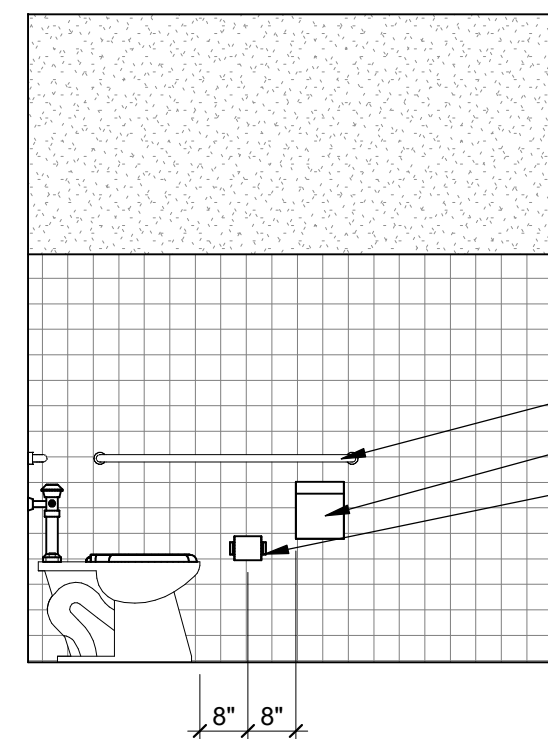
**6 INTERIOR ELEVATION - UNISEX TOILET A117**  
SCALE: 3/8" = 1'-0"



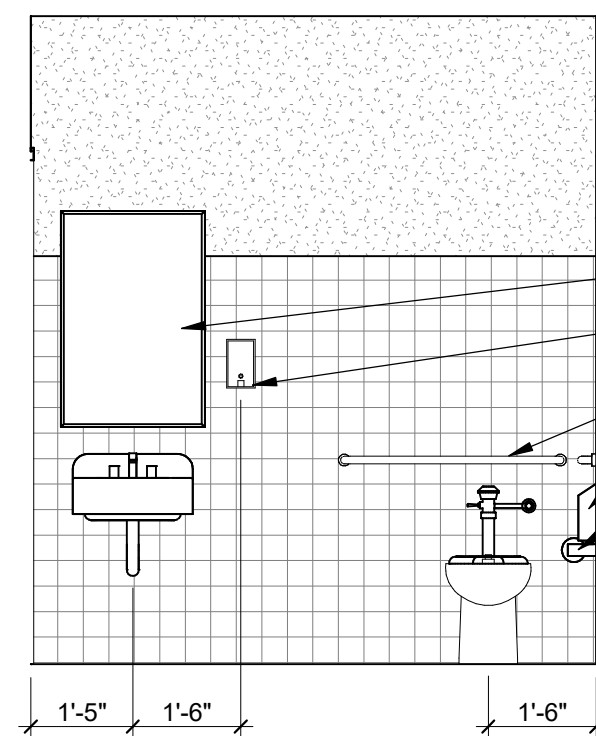
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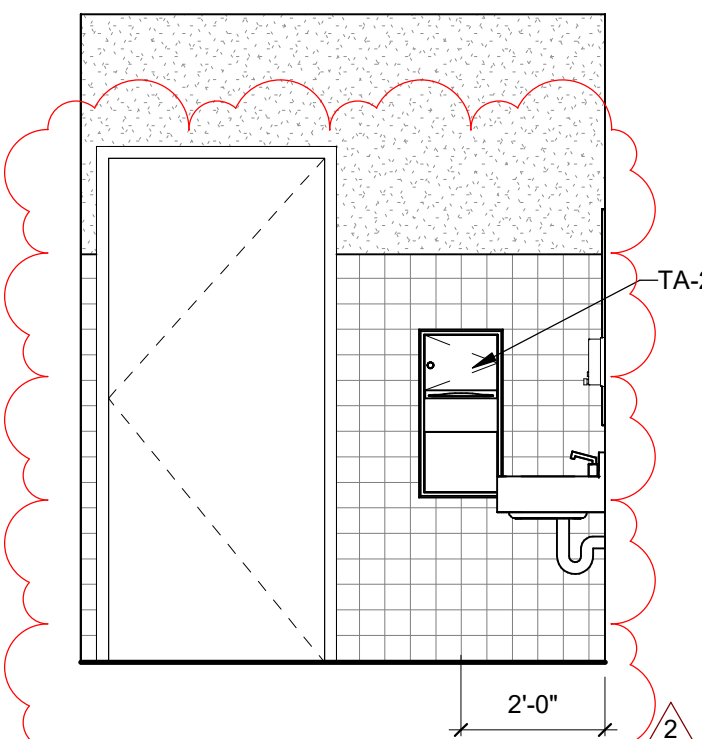
**14 INTERIOR ELEVATION - CUST. / MECH. B126**  
SCALE: 3/8" = 1'-0"



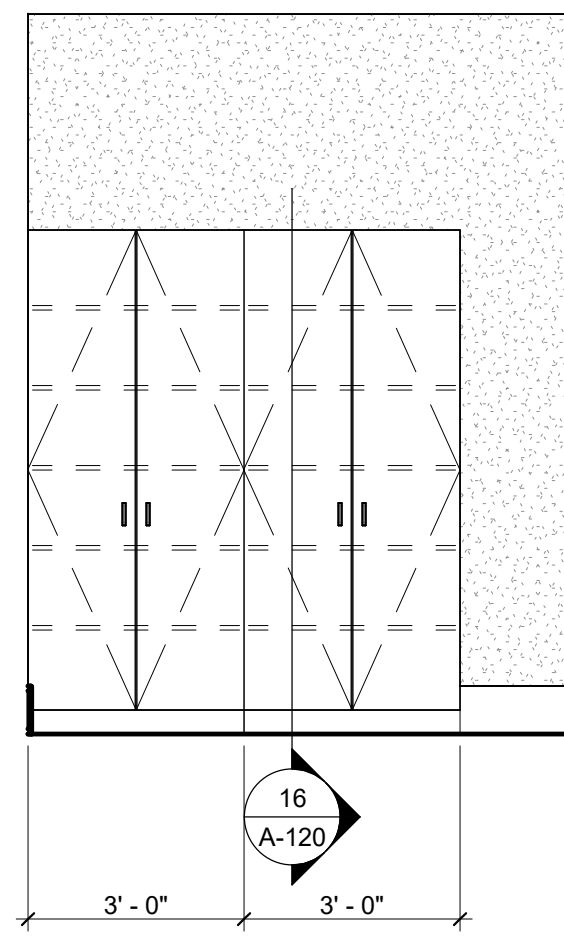
**13 INTERIOR ELEVATION - UNISEX TOILET B127**  
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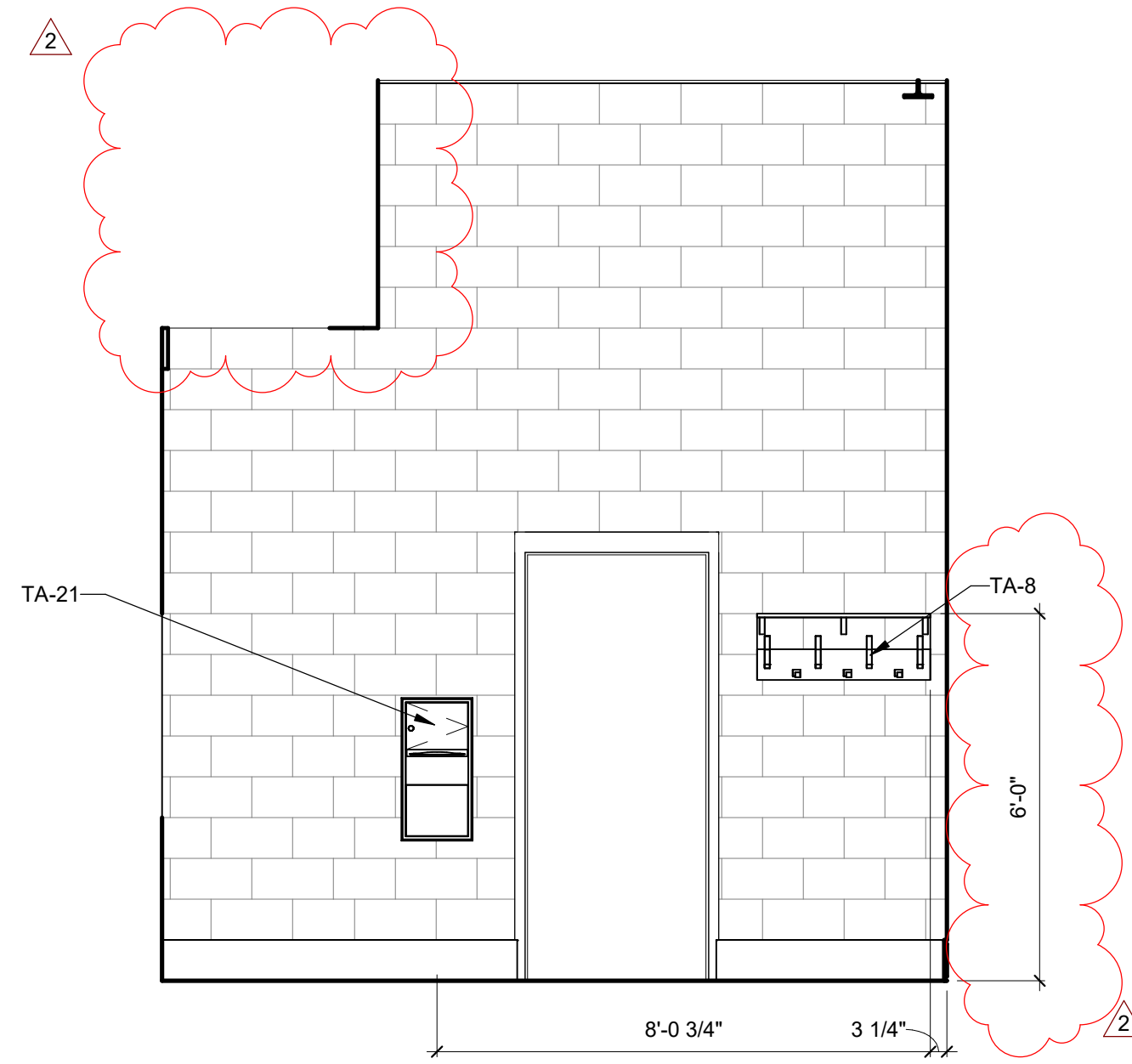
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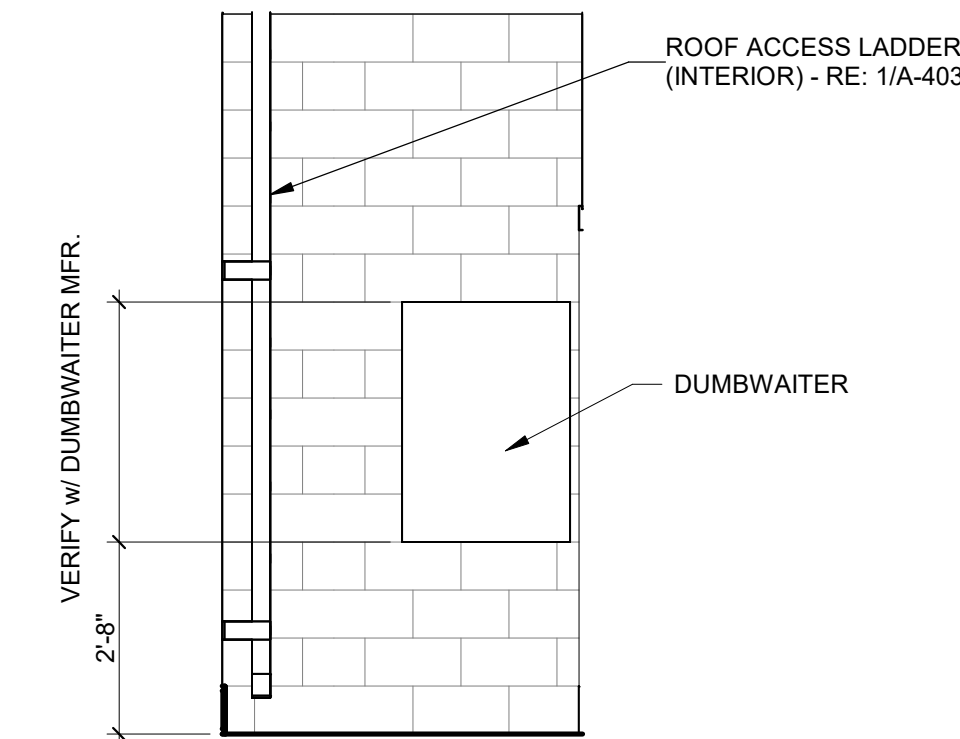
**11 INTERIOR ELEVATION - UNISEX TOILET B127**  
SCALE: 3/8" = 1'-0"



**17 INTERIOR ELEVATION - IT A121**  
SCALE: 3/8" = 1'-0"



**16 INTERIOR ELEVATION - CUST. / MECH. B126**  
SCALE: 3/8" = 1'-0"



**15 INTERIOR ELEVATION - CUST. / MECH. B126**  
SCALE: 3/8" = 1'-0"

#### GENERAL FINISH NOTES

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#### TOILET ACCESSORIES

LABEL	DESCRIPTION	REMARKS
TA-01	SOAP DISPENSER	
TA-02	24" X 36" MIRROR	
TA-03	TOILET PAPER DISPENSER	
TA-04	PAPER TOWEL DISPENSER	
TA-05	GRAB BARS AT TYPICAL H.C. TOILET STALL	
TA-06	SANITARY NAPKIN DISPENSER	
TA-07	SANITARY NAPKIN DISPOSAL	
TA-08	MOP & BROOM HOLDER	
TA-09	GRAB BARS AT ACCESSIBLE SHOWER	
TA-10	FOLDING SHOWER BENCH	
TA-11	CLOTHES HOOK	5
TA-12	SHOWER CURTAIN, ROD AND HOOKS	5
TA-13	ELECTRIC HAND DRYER	
TA-14	RECESSED PAPER TOWEL DISPENSER / 2 GAL. WASTE RECEPTACLE	
TA-15	GRAB BARS AT ALTERNATE ACCESSIBLE TOILET STALL	
TA-16	CHANGING STATION	
TA-17	60" X 36" MIRROR	
TA-20	RECESSED PAPER TOWEL DISPENSER / 12 GAL. WASTE RECEPTACLE	
TA-21	SURFACE MOUNTED PAPER TOWEL DISPENSER / 2 GAL. WASTE RECEPTACLE	
TA-22	SURFACE MOUNTED PAPER TOWEL DISPENSER	
TA-23	RECESSED TOILET PAPER HOLDER	

NOTE: ALL TOILET ACCESSORIES SHALL BE CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE.

1. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
2. CONTRACTOR IS TO VERIFY ALL HEIGHTS OF ACCESSORIES TO COMPLY WITH ADA.
3. REFER TO ALL FINISHES AND COLORS IN FINISH SCHEDULE. VERIFY ALL PATTERNS WITH ARCHITECT.
4. ALIGN MIRROR ON CENTER OF LAVATORY.
5. ONE HOOK INSIDE DOOR AT EACH TOILET PARTITION. ONE HOOK INSIDE DOOR AT SINGLE TOILET ROOMS AND ONE HOOK AT EACH SHOWER.
6. URINAL PARTITION SHALL BE A MIN. OF 18" DEEP & EXTEND A MAX. OF 12" ABOVE THE FLOOR TO A MIN. OF 60".
7. NOT ALL ACCESSORIES WILL BE USED. REFER TO PLANS.

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##### LANDSCAPE / IRRIGATION:

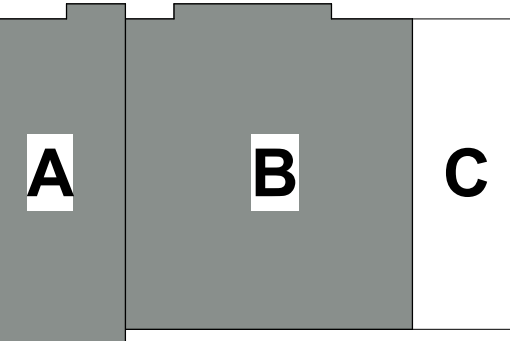
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4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
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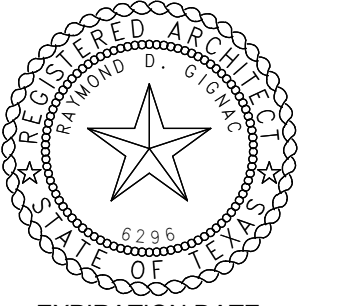
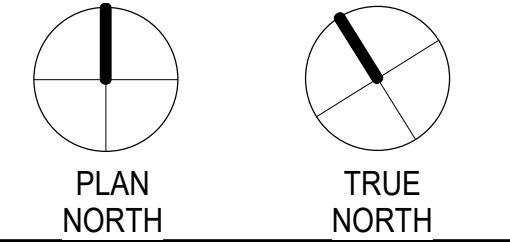
#### CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS

D

MEZZANINE



1ST FLOOR



EXPIRATION DATE

11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22

Drawing Date: 5/18/2023

Drawn: JJS

Checked: Checker

Revisions:

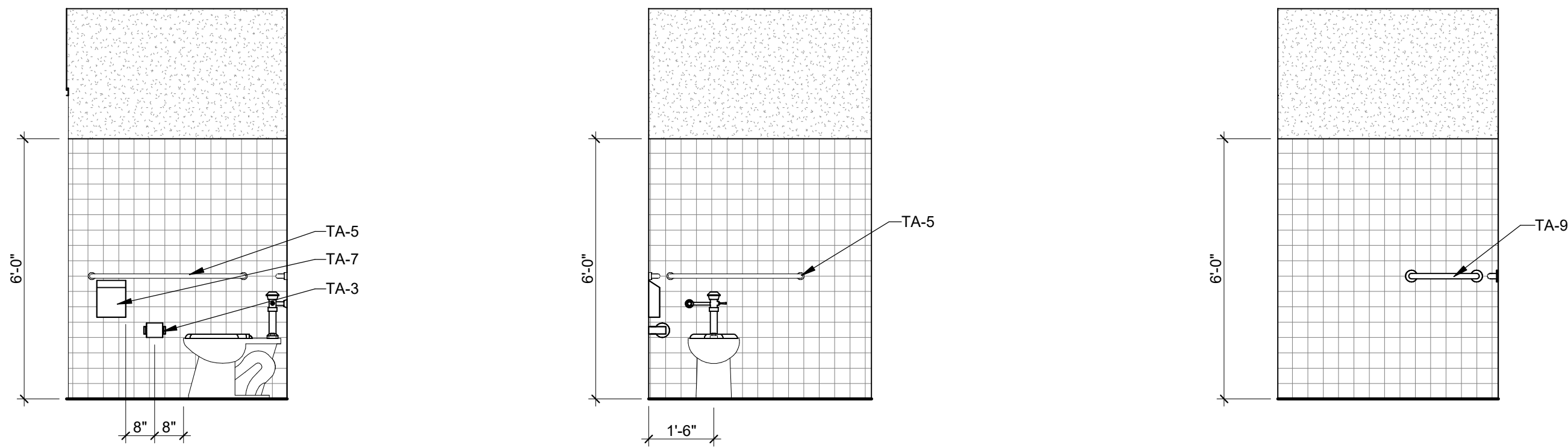
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Sheet Title:

#### INTERIOR ELEVATIONS



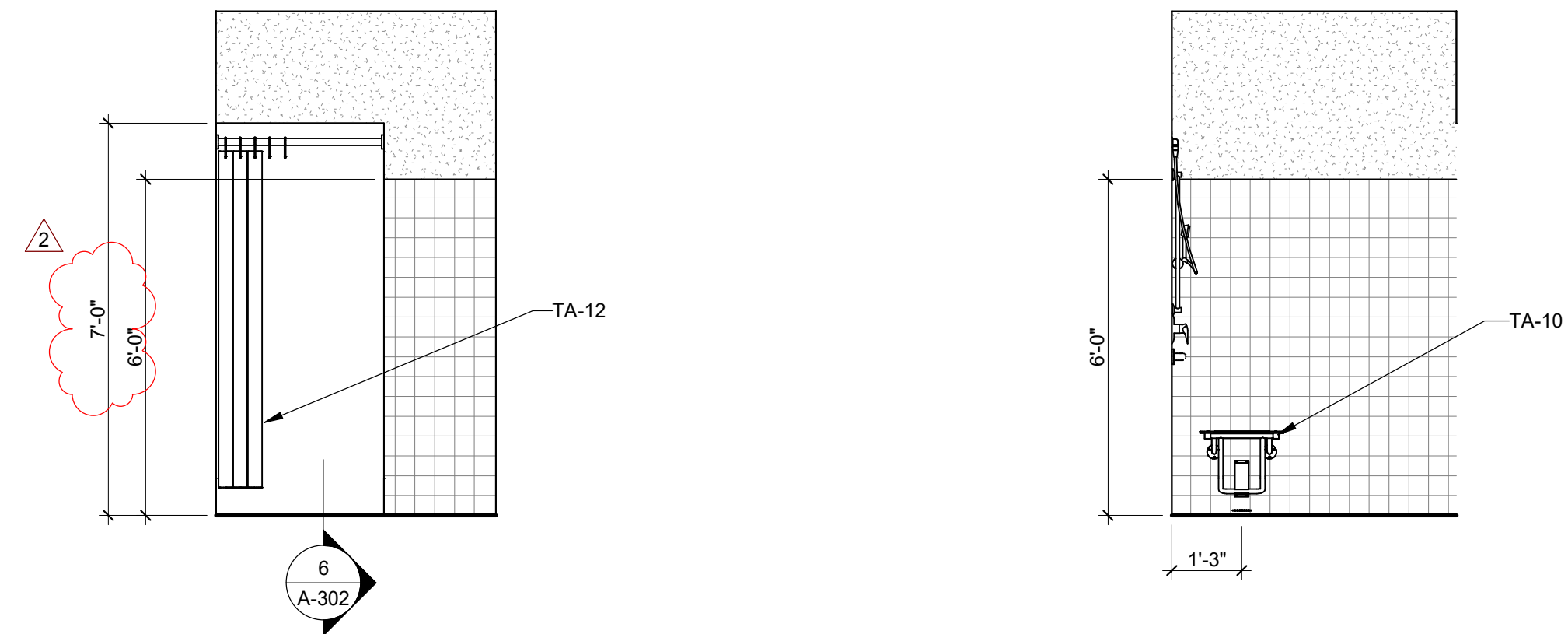
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16 INTERIOR ELEVATION - TOILET  
B108  
SCALE: 3/8" = 1'-0"

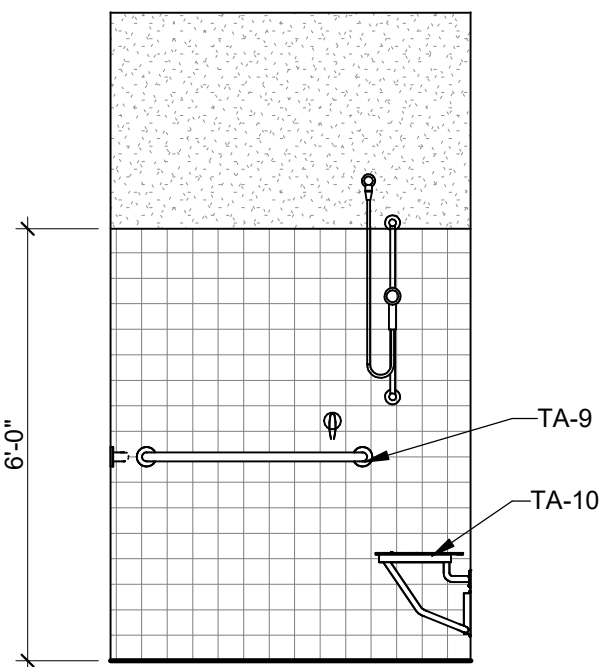
15 INTERIOR ELEVATION - TOILET  
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14 INTERIOR ELEVATION - SHWR B110  
SCALE: 3/8" = 1'-0"

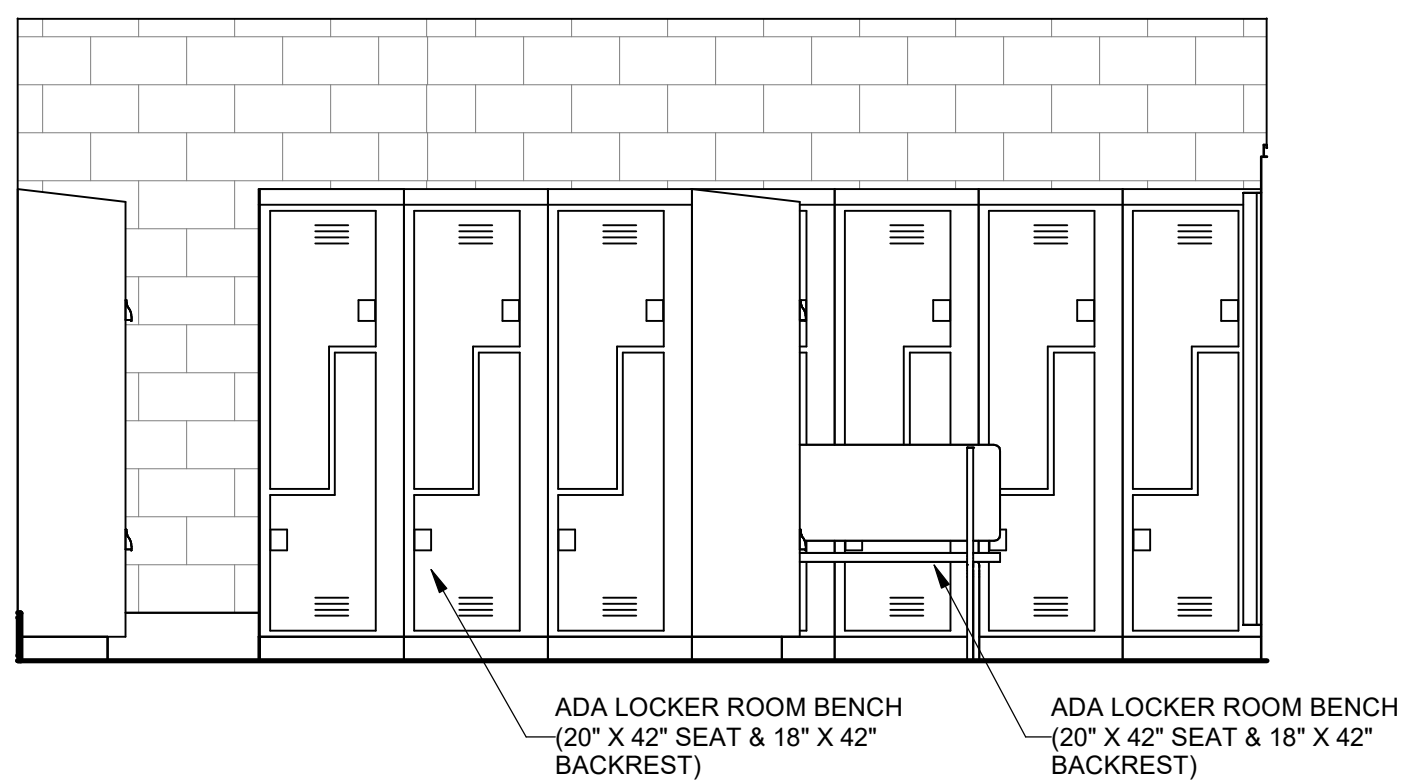


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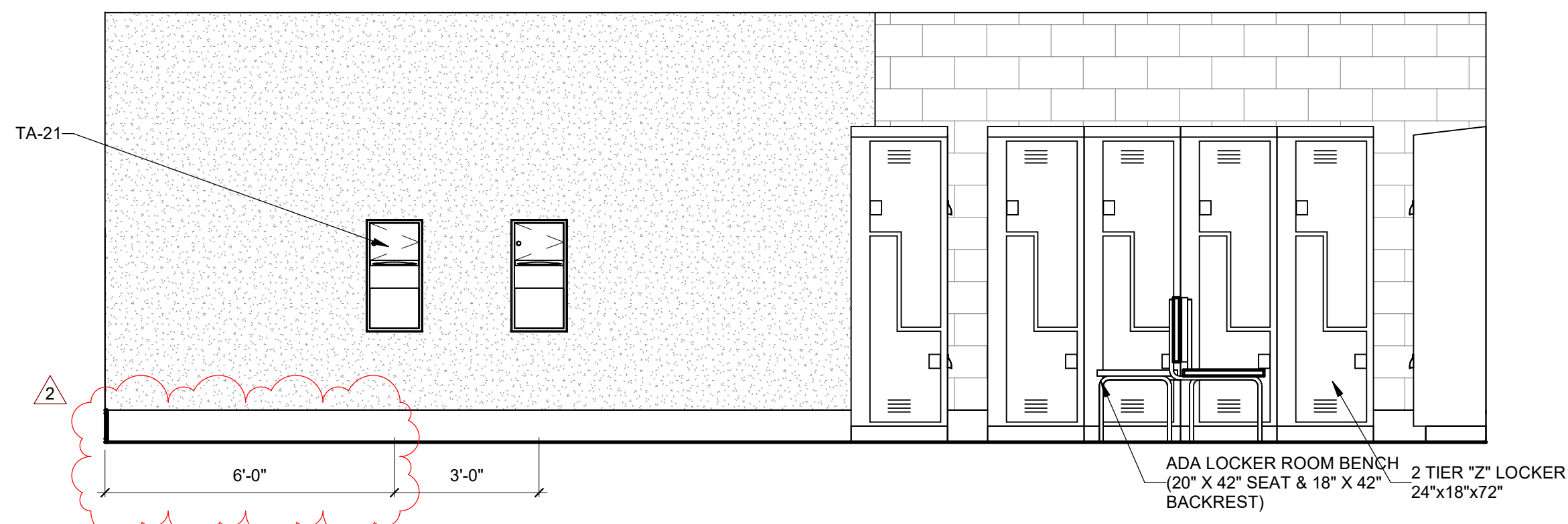
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SCALE: 3/8" = 1'-0"



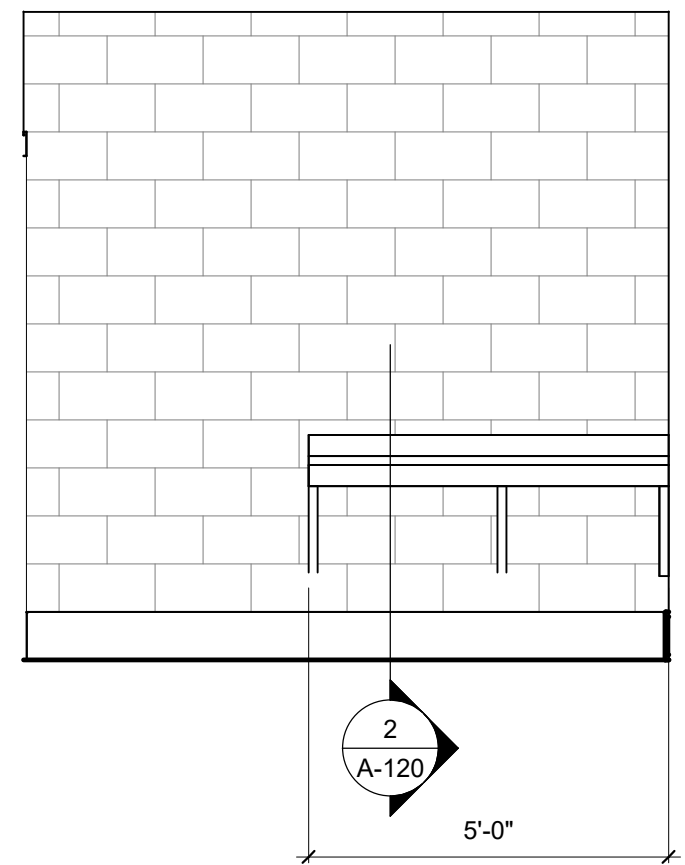
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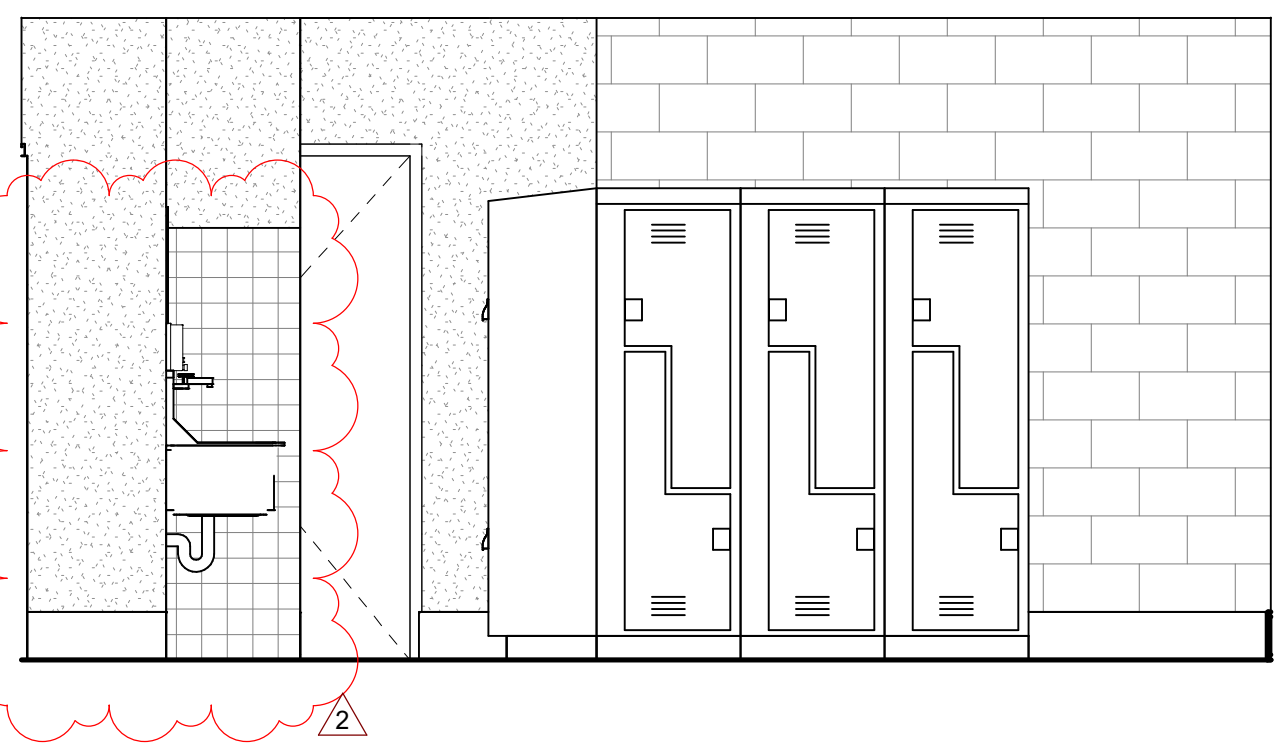
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LOCKERS B123  
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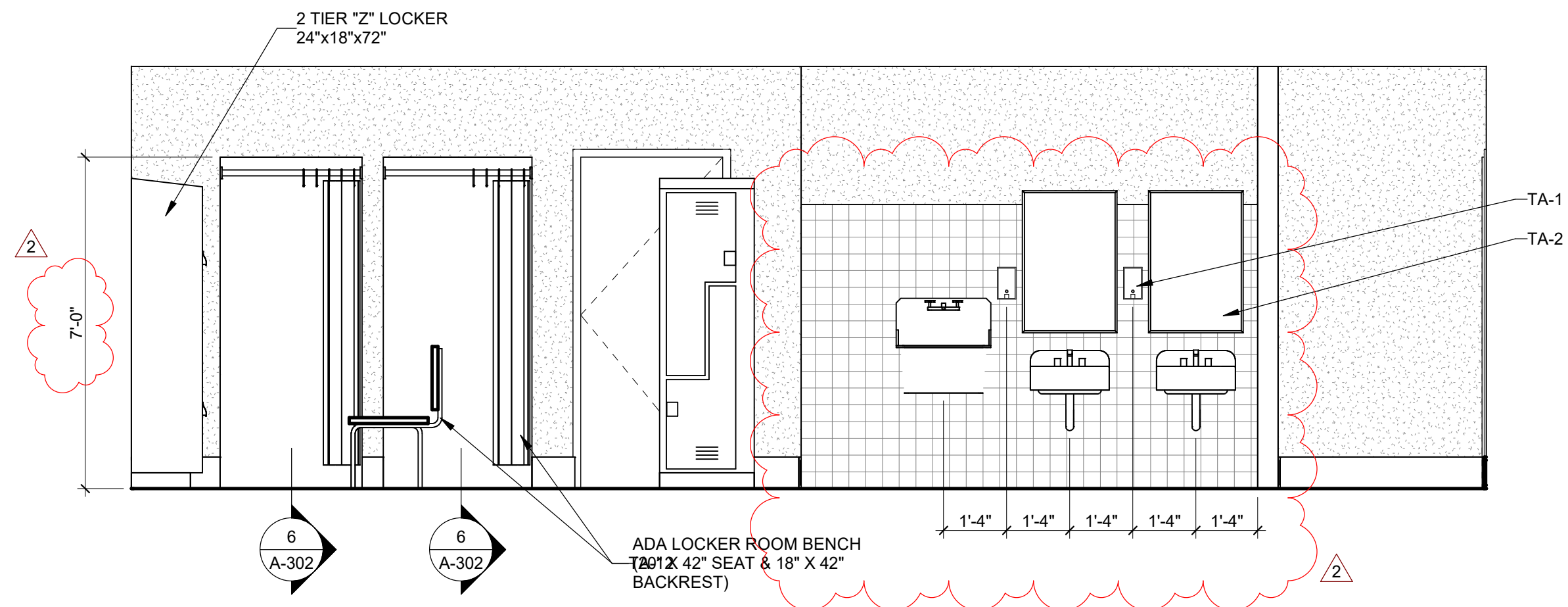
9 INTERIOR ELEVATION - MALE  
LOCKERS B123  
SCALE: 3/8" = 1'-0"



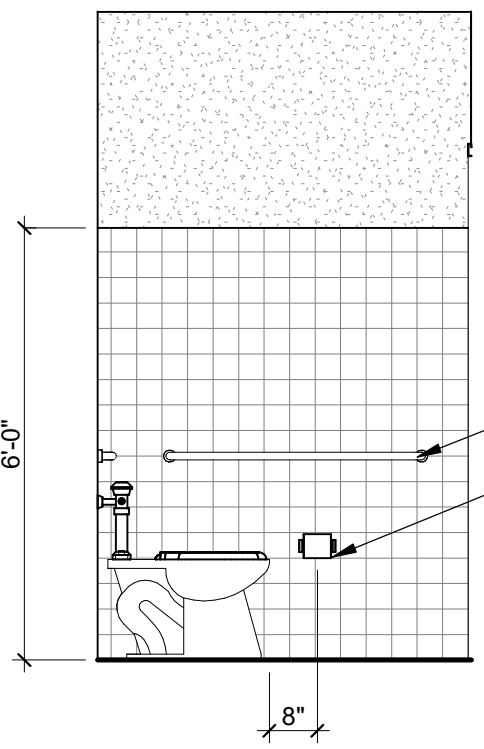
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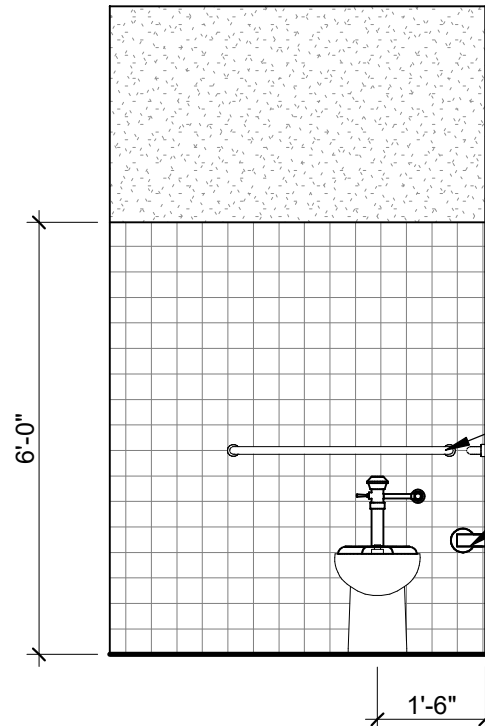
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LOCKERS B123  
SCALE: 3/8" = 1'-0"



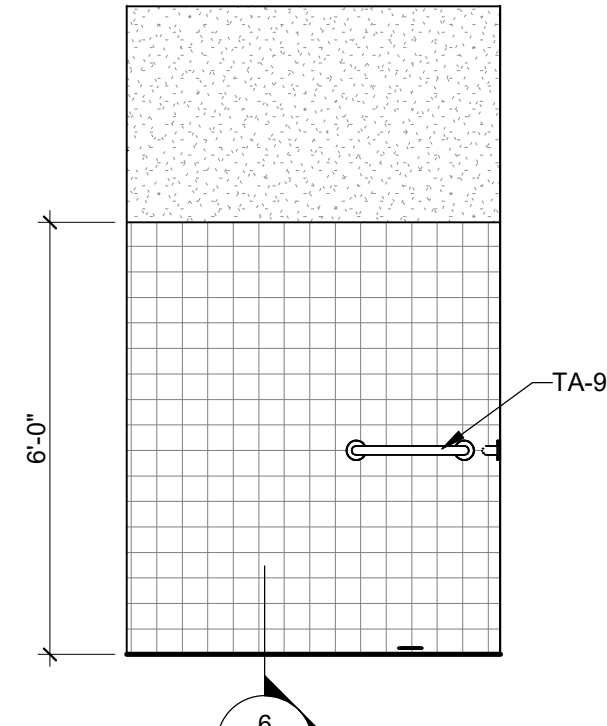
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SCALE: 3/8" = 1'-0"



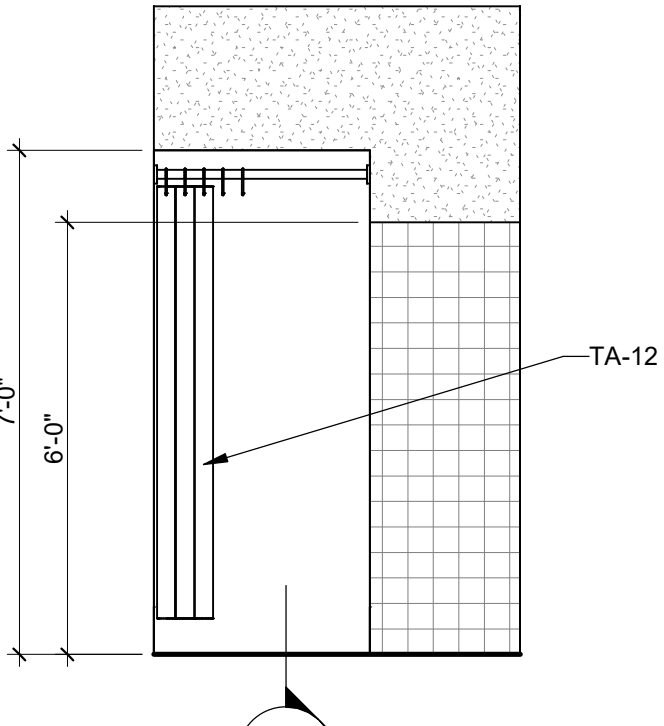
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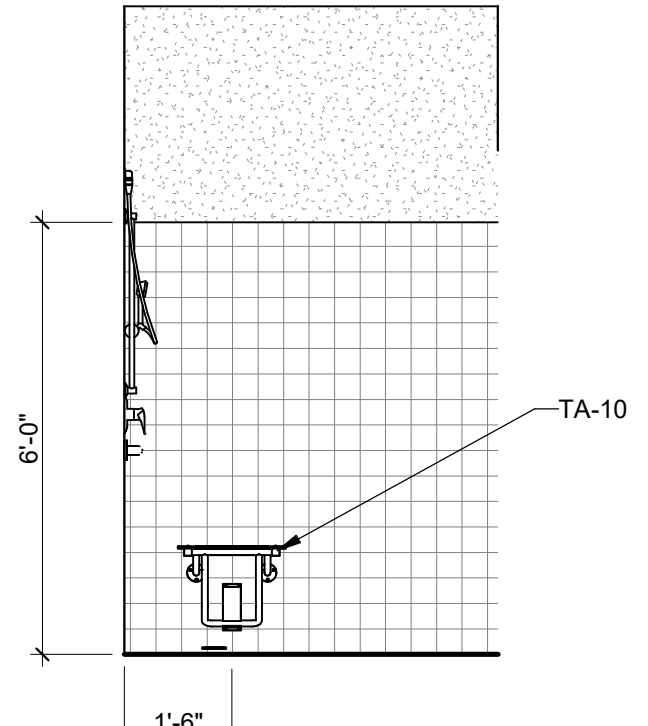
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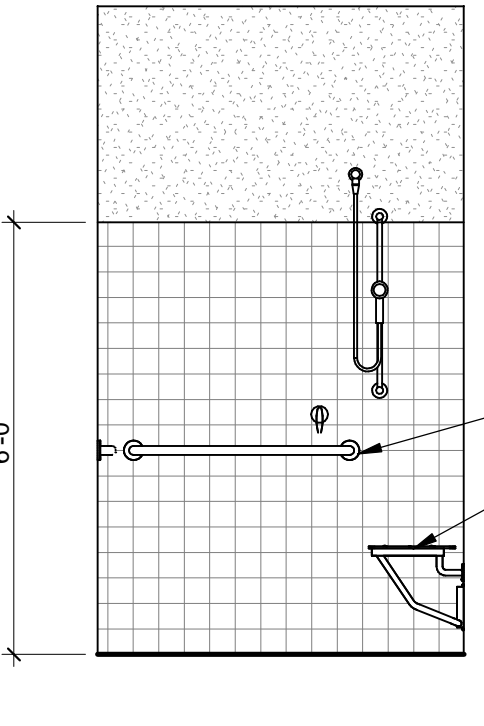
4 INTERIOR ELEVATION - SHWR B119  
SCALE: 3/8" = 1'-0"



3 INTERIOR ELEVATION - SHWR B119  
SCALE: 3/8" = 1'-0"



2 INTERIOR ELEVATION - SHWR B119  
SCALE: 3/8" = 1'-0"



1 INTERIOR ELEVATION - SHWR B119  
SCALE: 3/8" = 1'-0"

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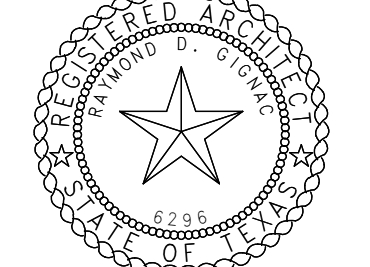
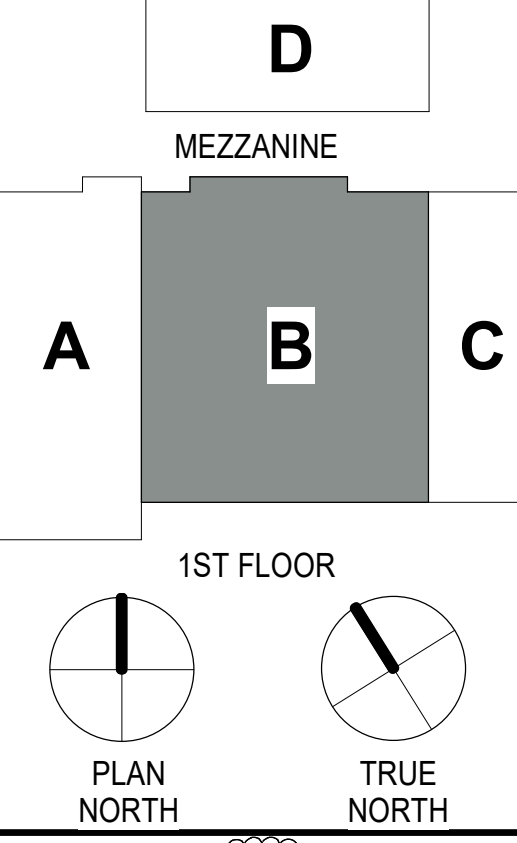
STRUCTURAL:  
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CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS



EXPIRATION DATE  
11/30/23  
SIGNED ON  
5/18/23

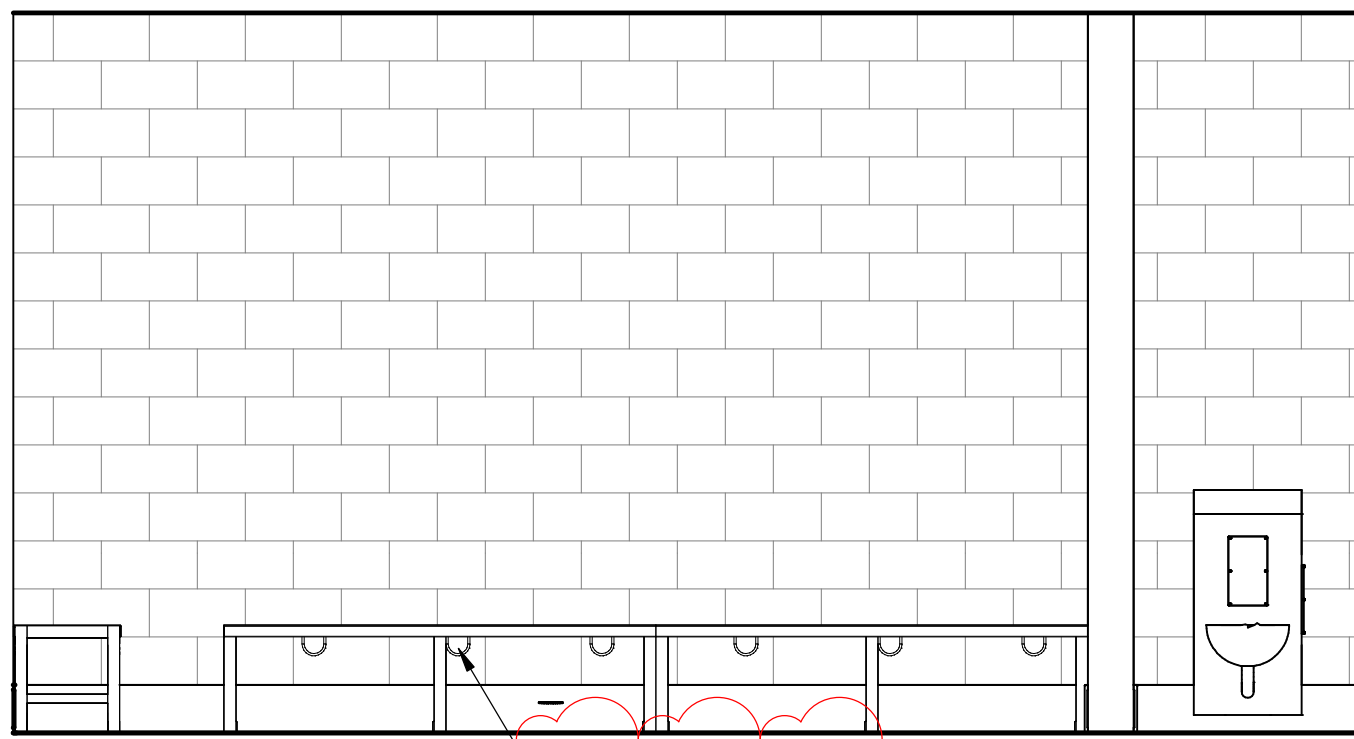
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Checked: Checker

Revisions:  
No. Description Date  
2 Addenda #2 6-15-23

Sheet Title:  
INTERIOR  
ELEVATIONS



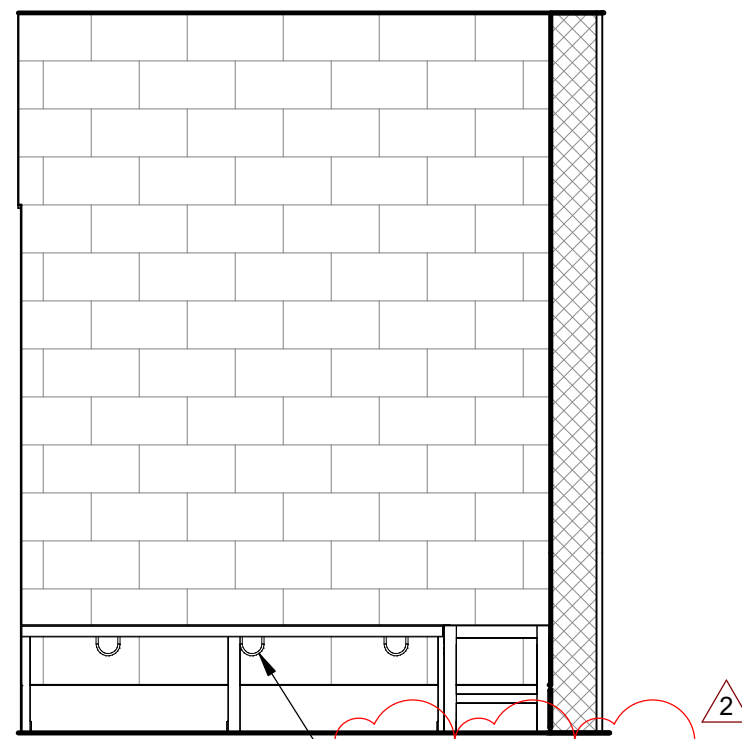
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SECURITY BENCH EQ. TO  
NORIX MODEL IBF-72

#### INTERIOR ELEVATION - FEMALE DETOX B135

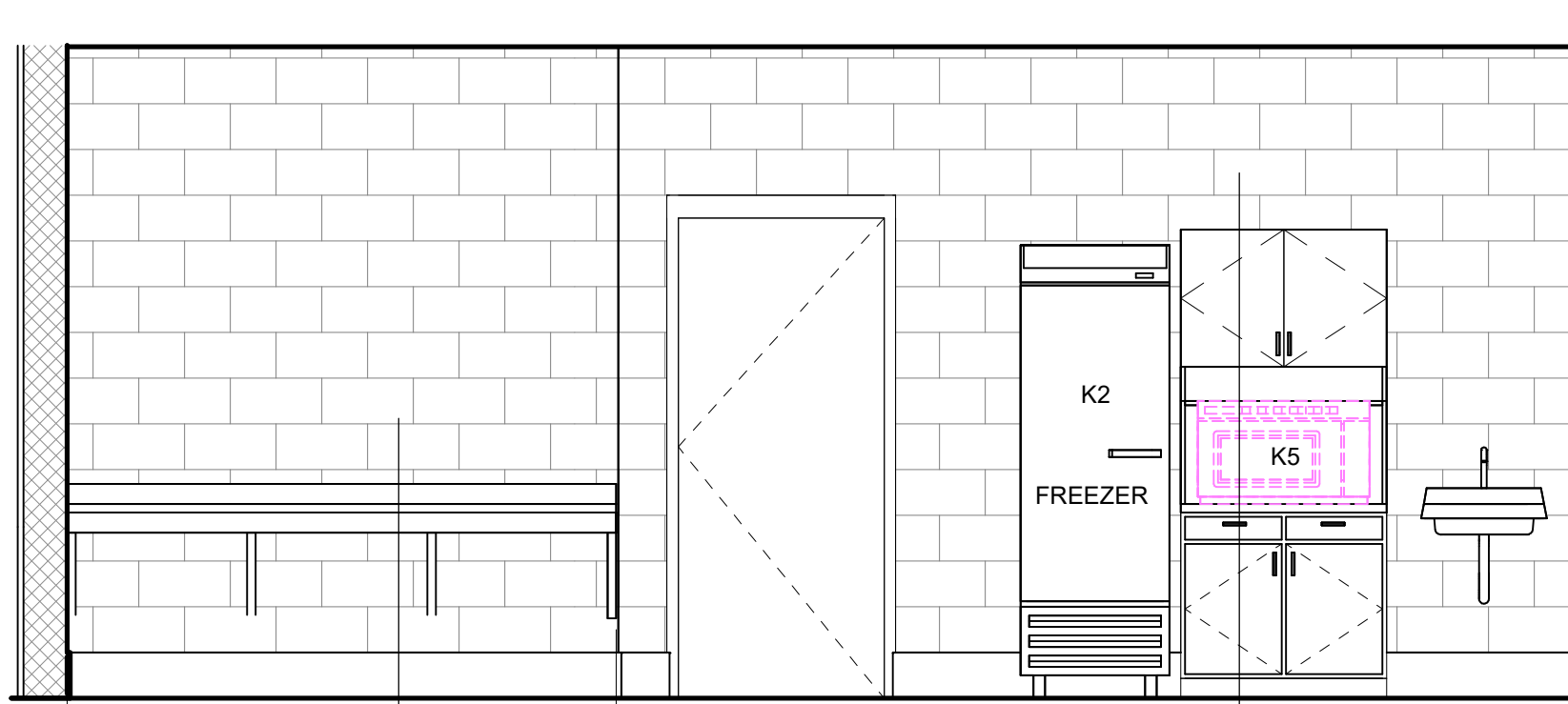
SCALE: 3/8" = 1'-0"



SECURITY BENCH EQ. TO  
NORIX MODEL IBF-72

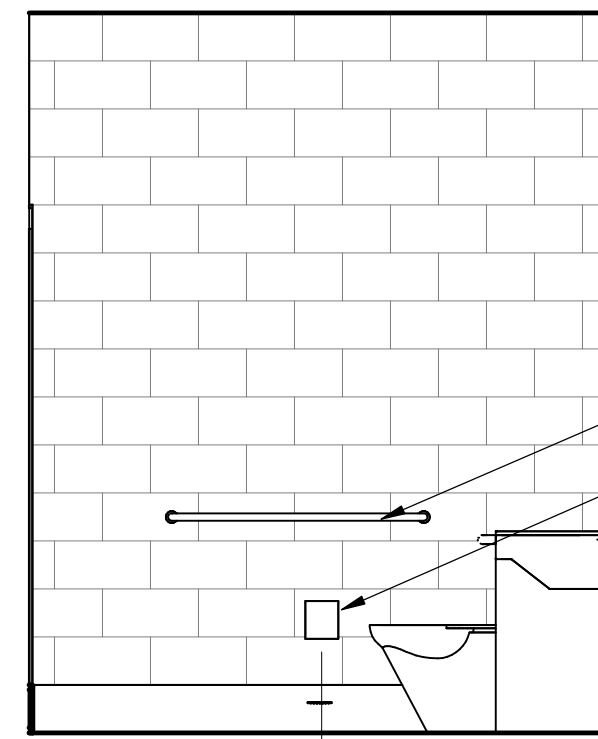
#### INTERIOR ELEVATION - FEMALE DETOX B135

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



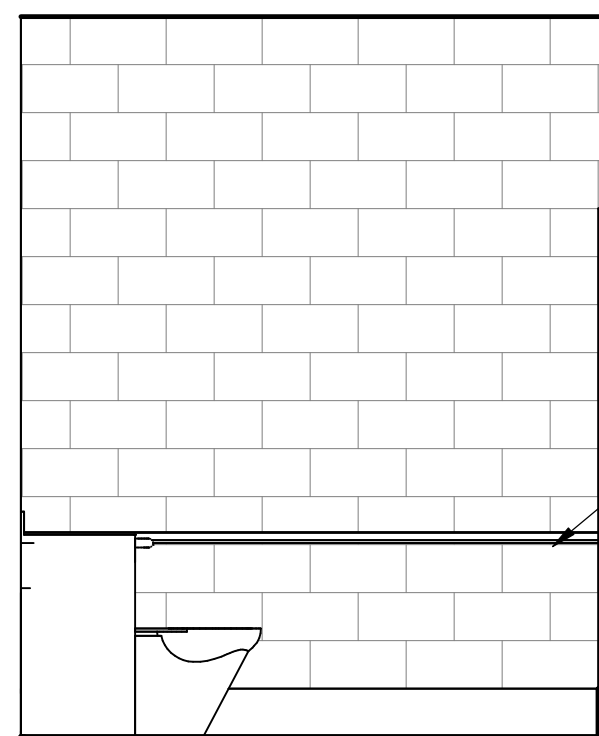
#### INTERIOR ELEVATION - BOOKING B136

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



#### IE - AREA 'B' - WOMEN B132 - W

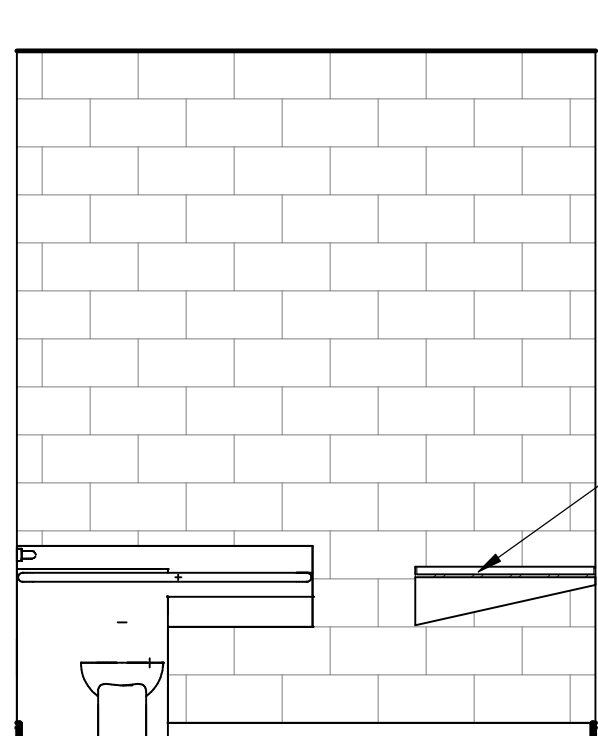
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SECURITY BUNK BED EQ. TO  
NORIX B525-104 w/  
MATTRESS

#### INTERIOR ELEVATION - WOMEN HOLDING

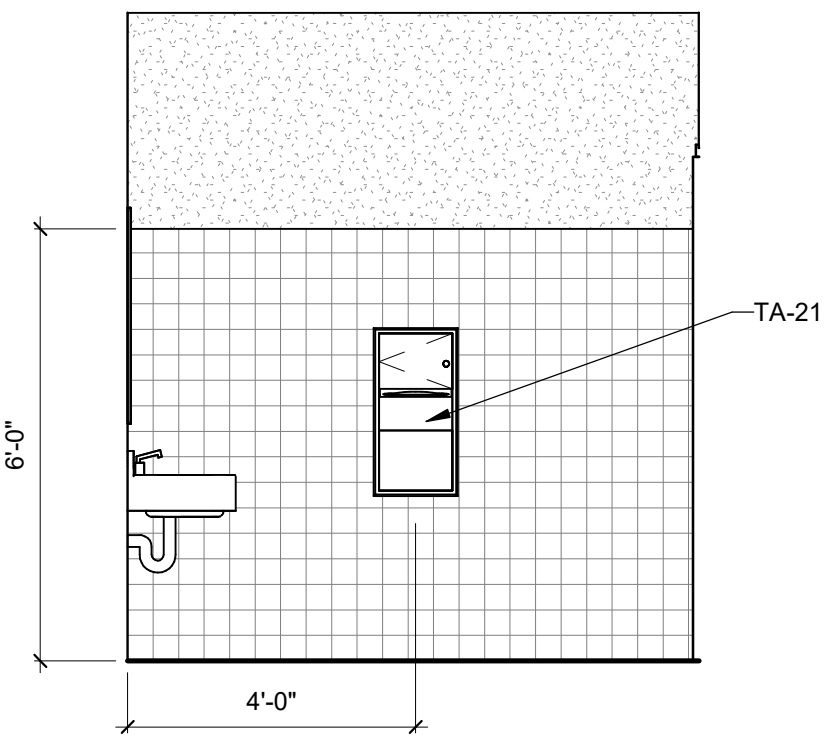
SCALE: 3/8" = 1'-0"



SECURITY BUNK BED EQ. TO  
NORIX B525-104 w/  
MATTRESS

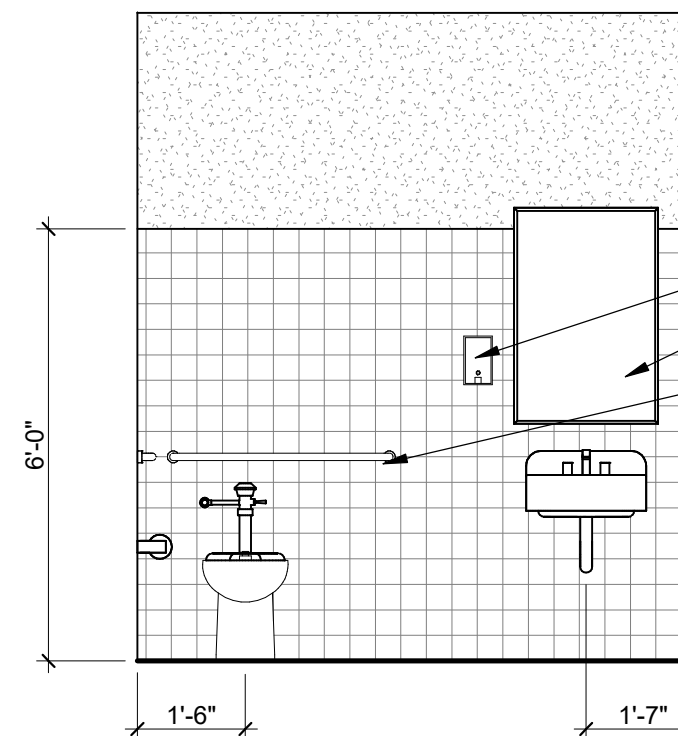
#### INTERIOR ELEVATION - WOMEN HOLDING

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



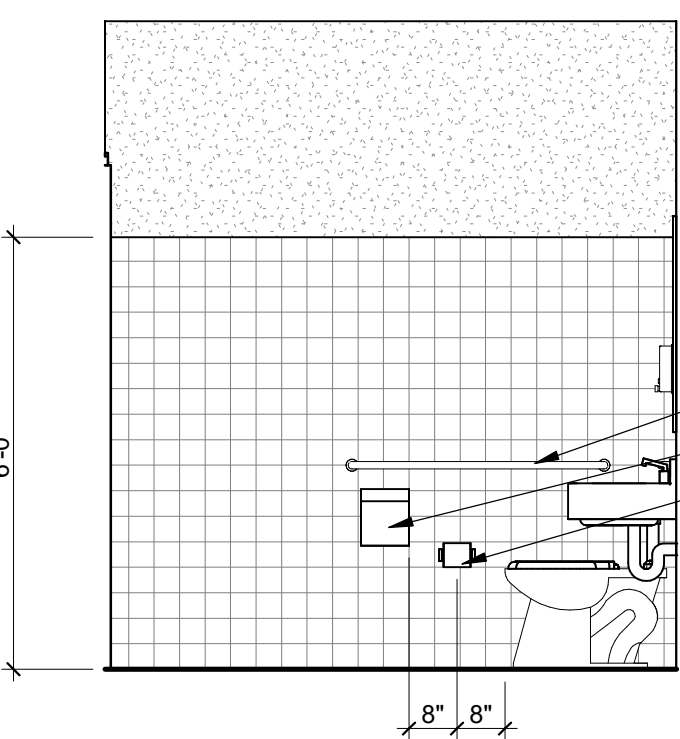
#### INTERIOR ELEVATION - WOMEN'S TOILET B112

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



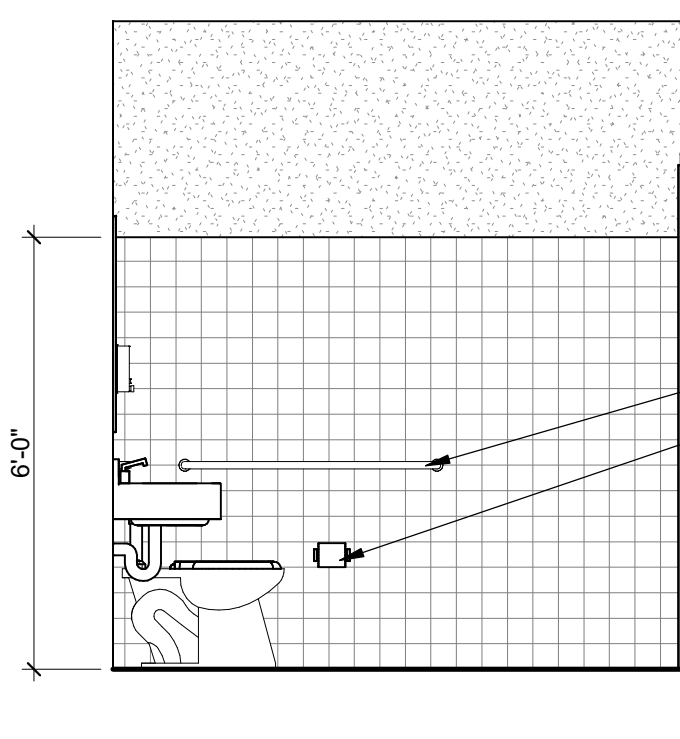
#### INTERIOR ELEVATION - WOMEN'S TOILET B112

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



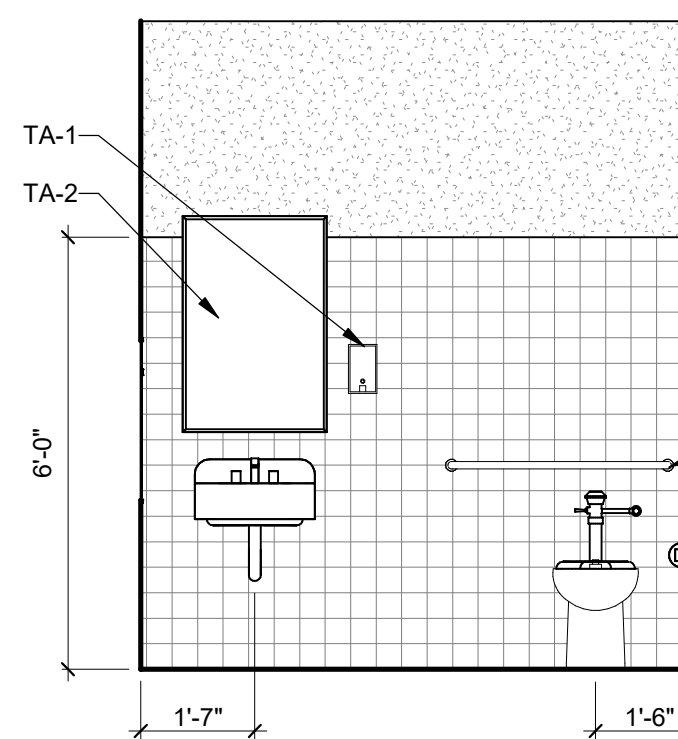
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SCALE: 3/8" = 1'-0"



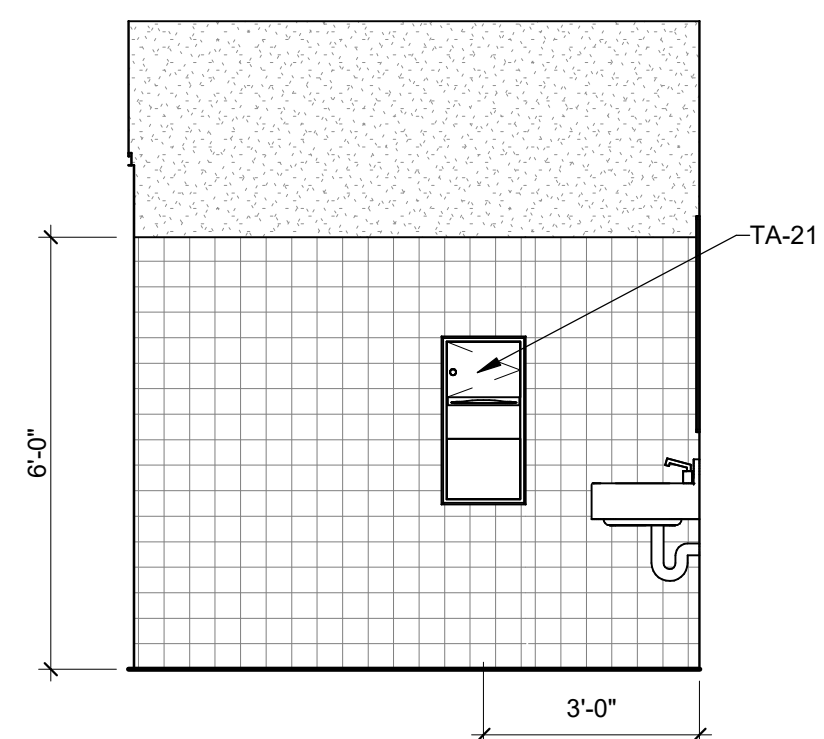
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SCALE: 3/8" = 1'-0"



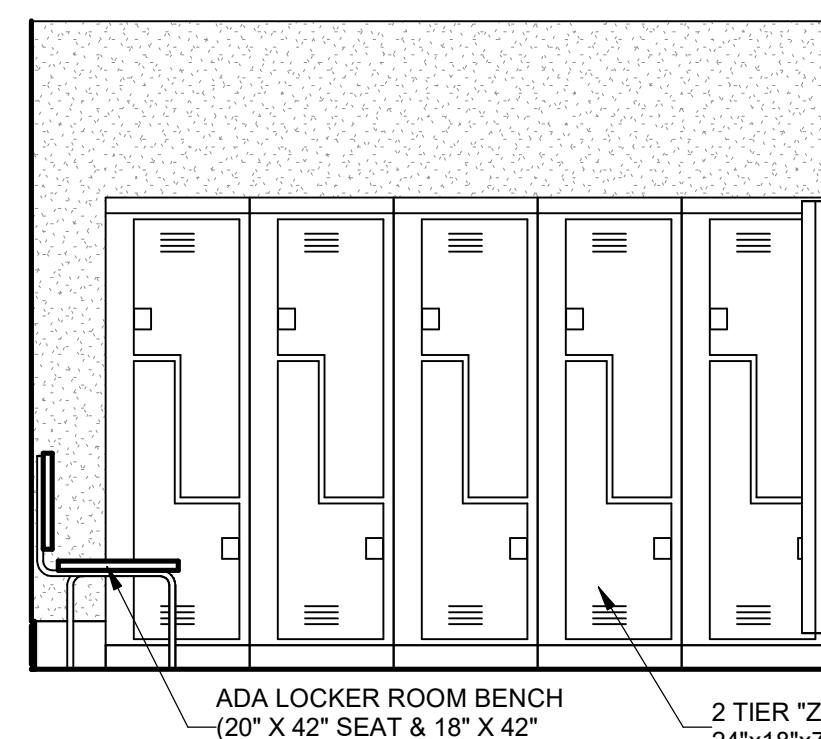
#### INTERIOR ELEVATION - MEN'S TOILET B111

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



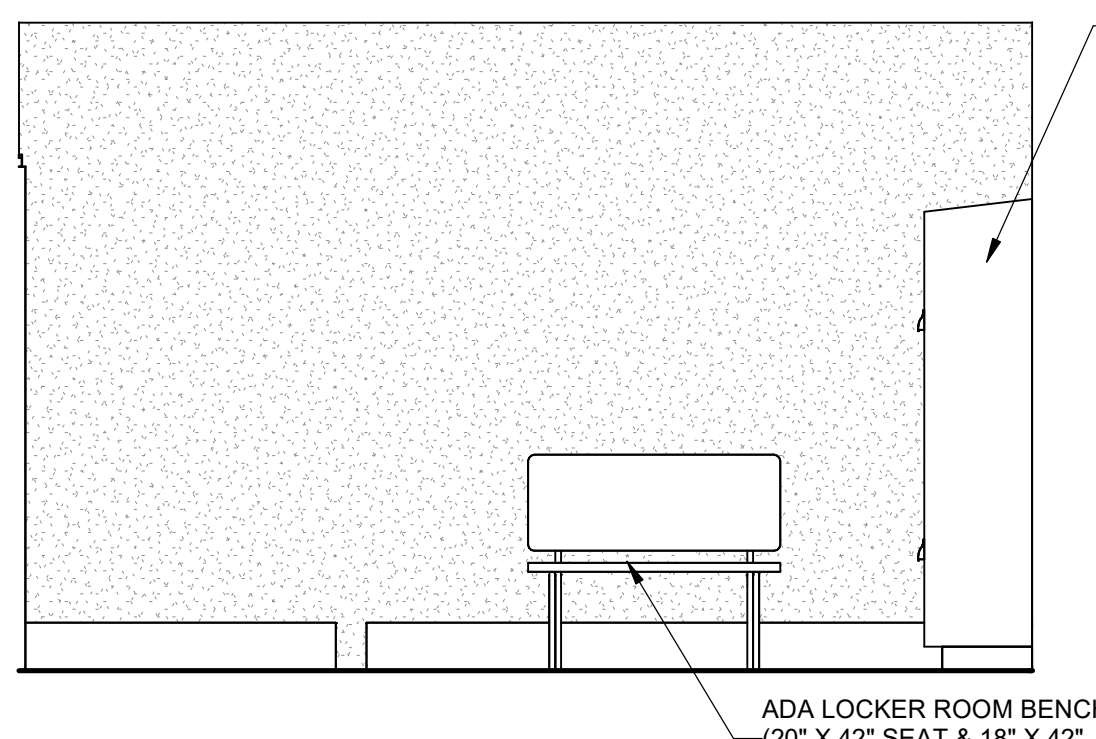
#### INTERIOR ELEVATION - MEN'S TOILET B111

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



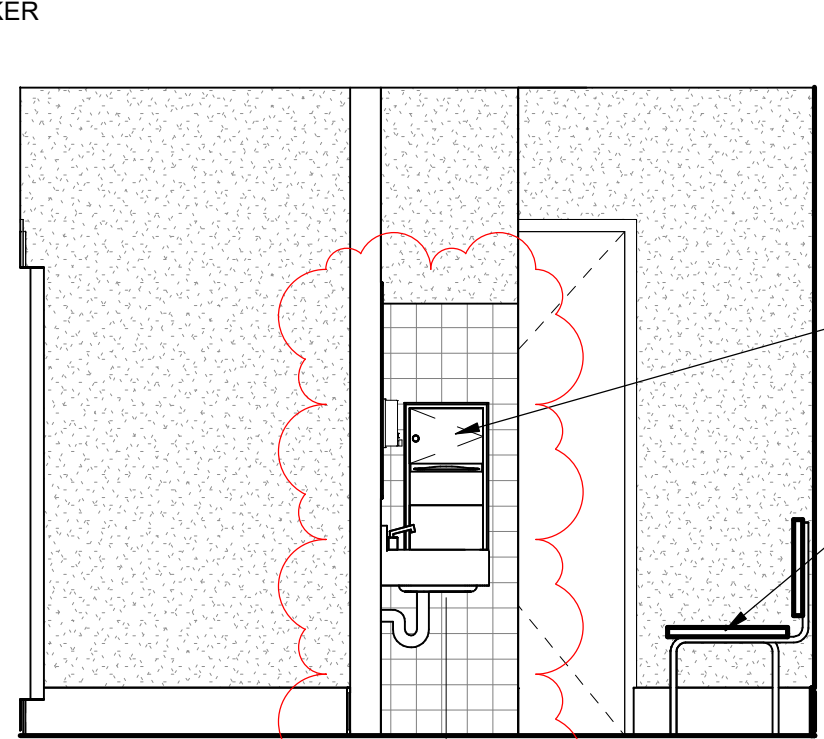
#### INTERIOR ELEVATION - FEMALE LOCKERS B122

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



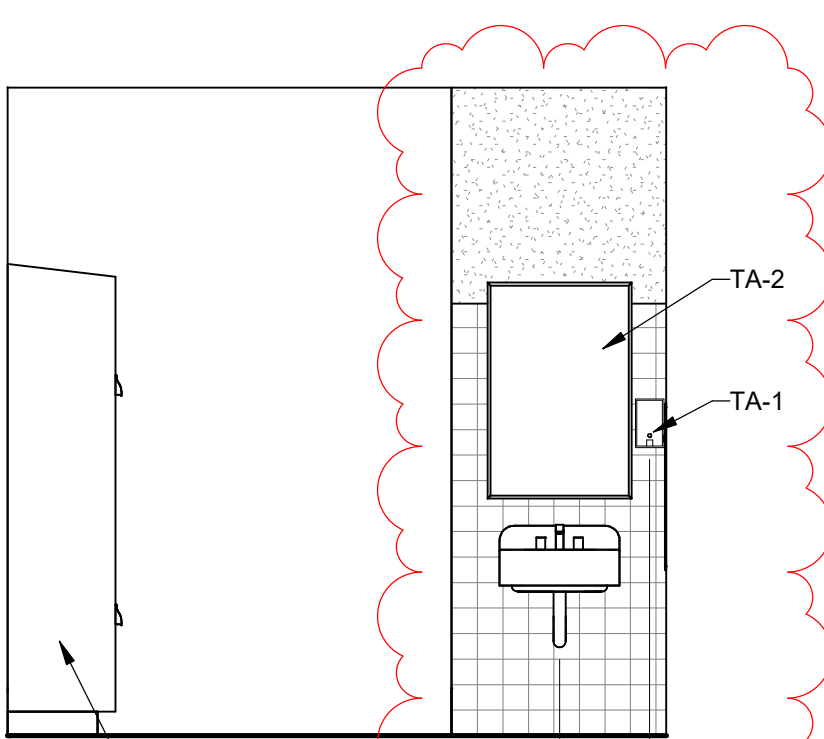
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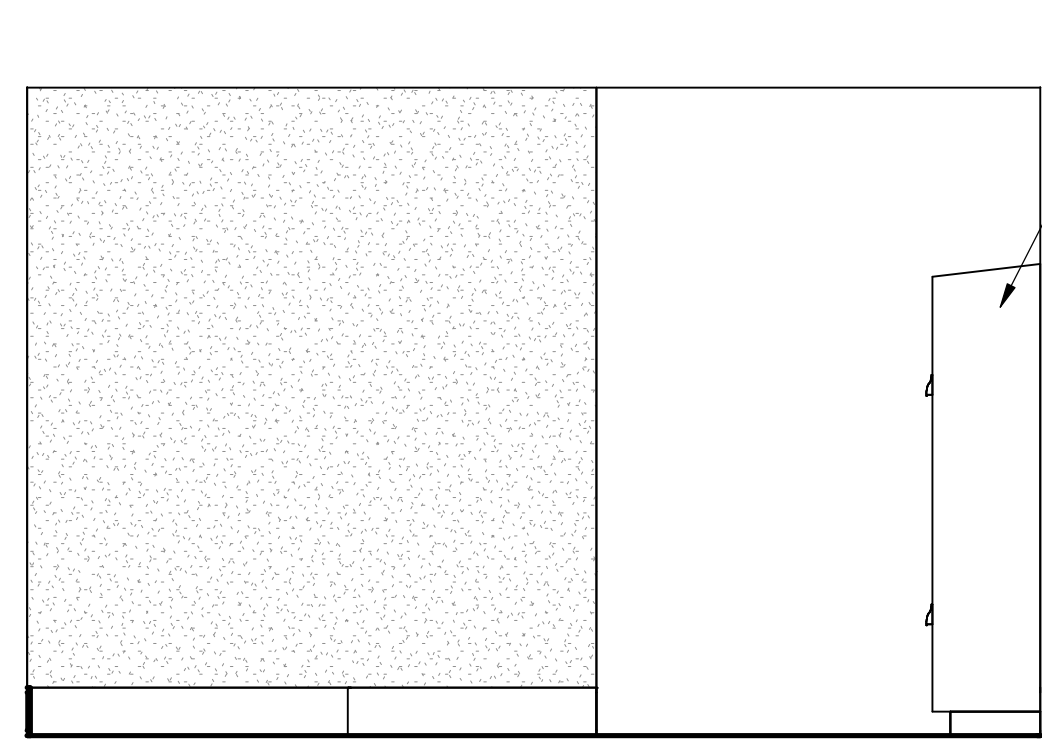
#### INTERIOR ELEVATION - FEMALE LOCKERS B122

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



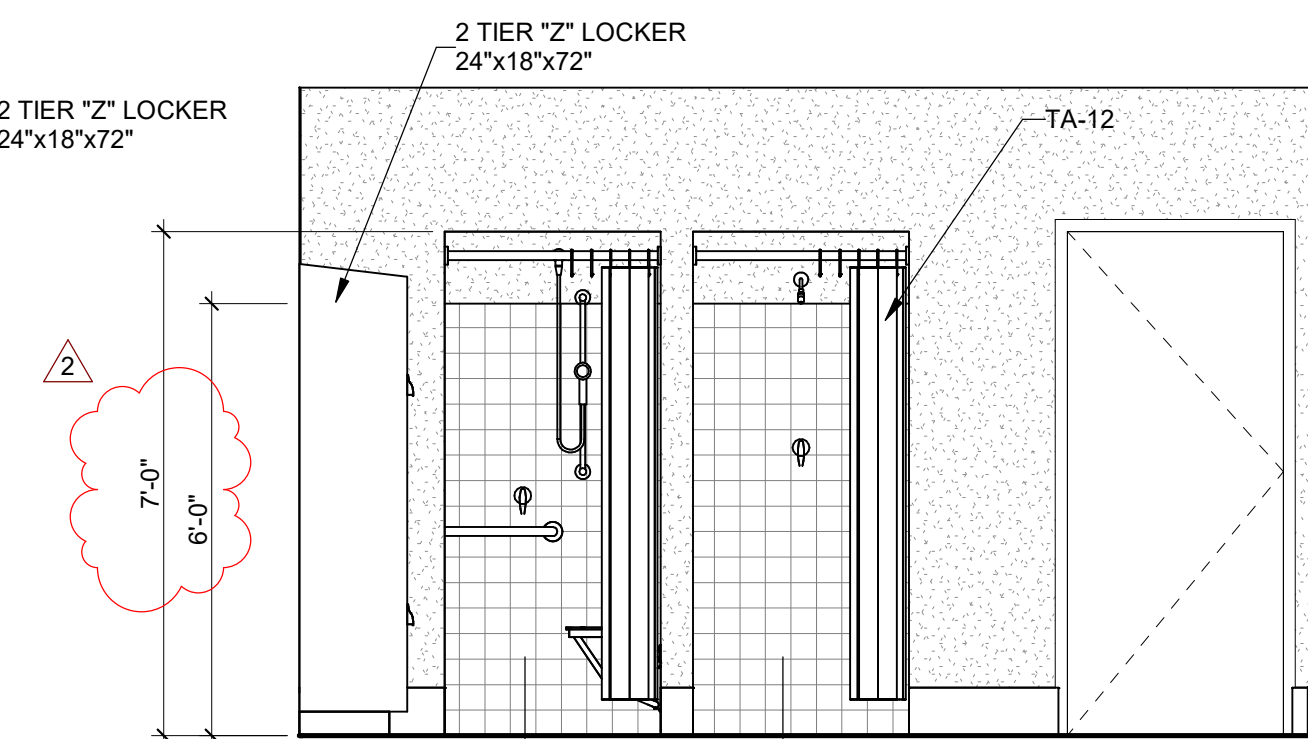
#### INTERIOR ELEVATION - FEMALE LOCKERS B122

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



#### INTERIOR ELEVATION - FEMALE LOCKERS B122

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



#### INTERIOR ELEVATION - FEMALE LOCKERS B122

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

#### GENERAL FINISH NOTES

1. ALL FINISH MATERIALS MUST MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.
2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS.
3. PAINT ALL EXPOSED DUCTWORK, CONDUIT, ELECTRICAL EQUIPMENT, ETC TO MATCH ADJACENT SURFACES.
4. PAINT ALL NON-FACTORY FINISHED EXPOSED METAL.
5. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR ALL FLOORING MATERIALS.
6. FLOORING TRANSITIONS AT DOORS SHOULD BE LOCATED UNDER THE DOOR IN THE CLOSED POSITION, UNLESS NOTED OTHERWISE.
7. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.
8. PROVIDE BULLNOSE TRIM AT TRANSITIONS FROM CERAMIC WALL TILE TO OTHER MATERIAL, UNLESS NOTED OTHERWISE.
9. REFER TO REFLECTED CEILING PLANS FOR CEILING HEIGHTS.
10. ALL ELECTRICAL DEVICE COVERS ARE TO BE WHITE UNLESS NOTED OTHERWISE.
11. CARPET PATTERNS TO RUN PARALLEL TO CORRIDOR, UNLESS NOTED OTHERWISE.
12. ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR.

#### TOILET ACCESSORIES

LABEL	DESCRIPTION	REMARKS
TA-01	SOAP DISPENSER	
TA-02	24" X 36" MIRROR	
TA-03	TOILET PAPER DISPENSER	
TA-04	PAPER TOWEL DISPENSER	
TA-05	GRAB BARS AT TYPICAL H.C. TOILET STALL	
TA-06	SANITARY NAPKIN DISPENSER	
TA-07	SANITARY NAPKIN DISPOSAL	
TA-08	MOP & BROOM HOLDER	
TA-09	GRAB BARS AT ACCESSIBLE SHOWER	
TA-10	FOLDING SHOWER BENCH	
TA-11	CLOTHES HOOK	5
TA-12	SHOWER CURTAIN, ROD AND HOOKS	5
TA-13	ELECTRIC HAND DRYER	
TA-14	RECESSED PAPER TOWEL DISPENSER / 2 GAL. WASTE RECEPTACLE	
TA-15	GRAB BARS AT ALTERNATE ACCESSIBLE TOILET STALL	
TA-16	CHANGING STATION	
TA-17	60" X 36" MIRROR	
TA-20	RECESSED PAPER TOWEL DISPENSER / 12 GAL. WASTE RECEPTACLE	
TA-21	SURFACE MOUNTED PAPER TOWEL DISPENSER / 2 GAL. WASTE RECEPTACLE	
TA-22	SURFACE MOUNTED PAPER TOWEL DISPENSER	
TA-23	RECESSED TOILET PAPER HOLDER	

NOTE: ALL TOILET ACCESSORIES SHALL BE CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE.

1. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
2. CONTRACTOR IS TO VERIFY ALL HEIGHTS OF ACCESSORIES TO COMPLY WITH ADA.
3. REFER TO ALL FINISHES AND COLORS IN FINISH SCHEDULE. VERIFY ALL PATTERNS WITH ARCHITECT.
4. ALIGN MIRROR ON CENTER OF LAVATORY.
5. ONE HOOK INSIDE DOOR AT EACH TOILET PARTITION, ONE HOOK INSIDE DOOR AT SINGLE TOILET ROOMS AND ONE HOOK AT EACH SHOWER.
6. URINAL PARTITION SHALL BE A MIN. OF 18" DEEP & EXTEND A MAX. OF 12" ABOVE THE FLOOR TO A MIN. OF 60".
7. NOT ALL ACCESSORIES WILL BE USED, REFER TO PLANS.

#### CONSULTANTS

##### CIVIL:

URBAN ENGINEERING  
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CORPUS CHRISTI, TEXAS 78404  
T 361.854.3101

##### STRUCTURAL:

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T 956.428.4461

##### MEP:

MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

##### LANDSCAPE / IRRIGATION:

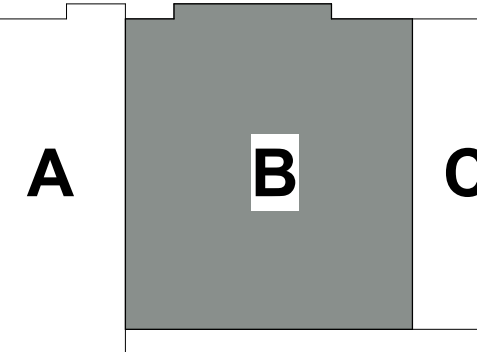
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4833 SARATOGA BLVD., #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



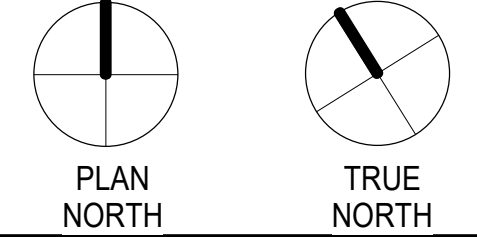
#### CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS

D

MEZZANINE



1ST FLOOR



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: JUS  
Checked: Checker

Revisions:  
No. Description Date  
2 Addenda #2 6-15-23

Sheet Title:

#### INTERIOR ELEVATIONS



CONSULTANTS

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STRUCTURAL:

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T 956.428.4461

MEP:

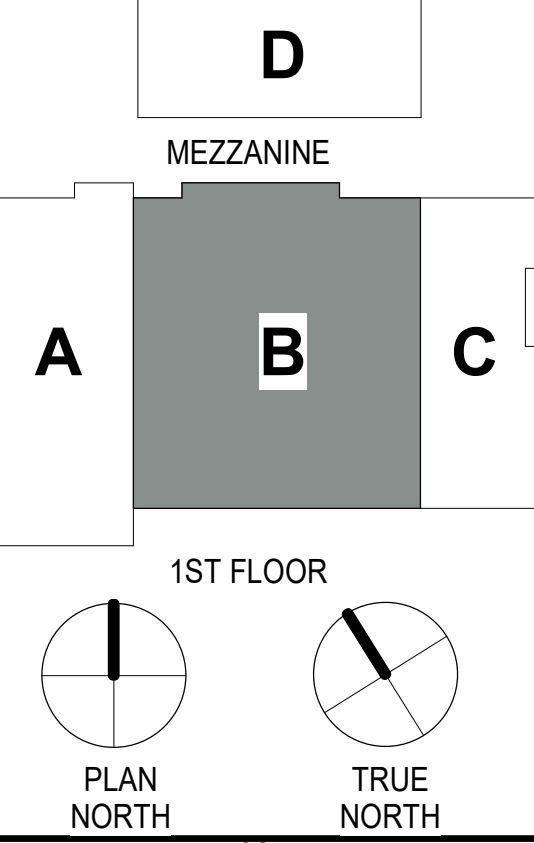
MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

LANDSCAPE / IRRIGATION:

ADLA, INC.  
4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS



EXPIRATION DATE  
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Project Number: 18.22  
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No.	Description	Date
2	Addenda #2	6-15-23

Sheet Title:

INTERIOR  
ELEVATIONS

GENERAL FINISH NOTES

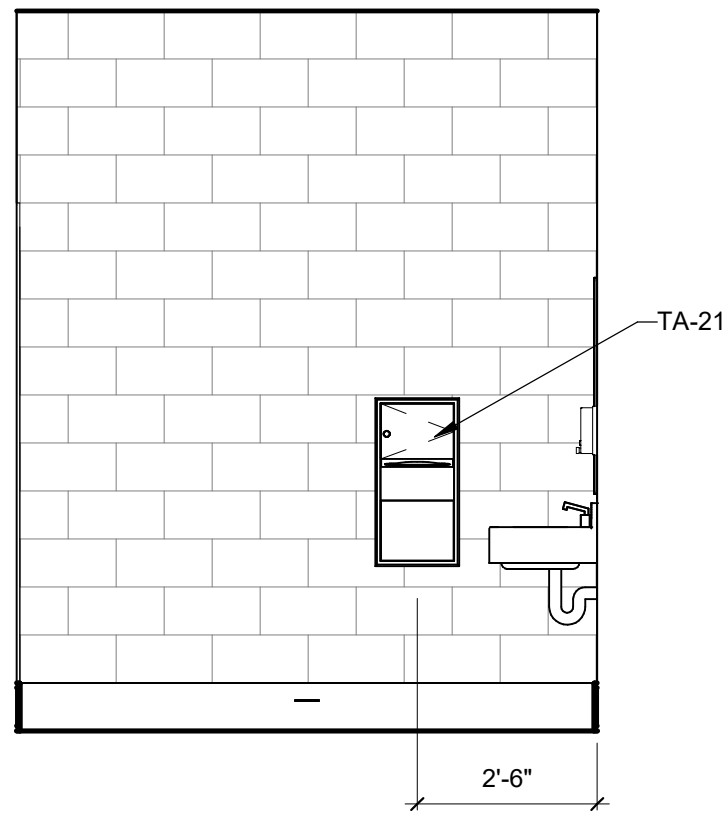
1. ALL FINISH MATERIALS MUST MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.
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TOILET ACCESSORIES

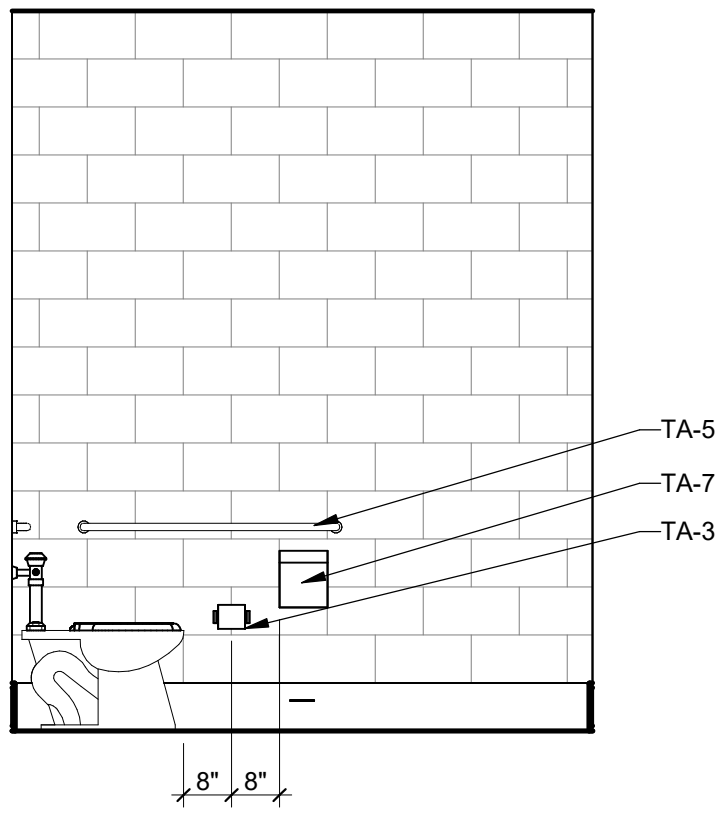
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TA-23	RECESSED TOILET PAPER HOLDER	

NOTE: ALL TOILET ACCESSORIES SHALL BE CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE.

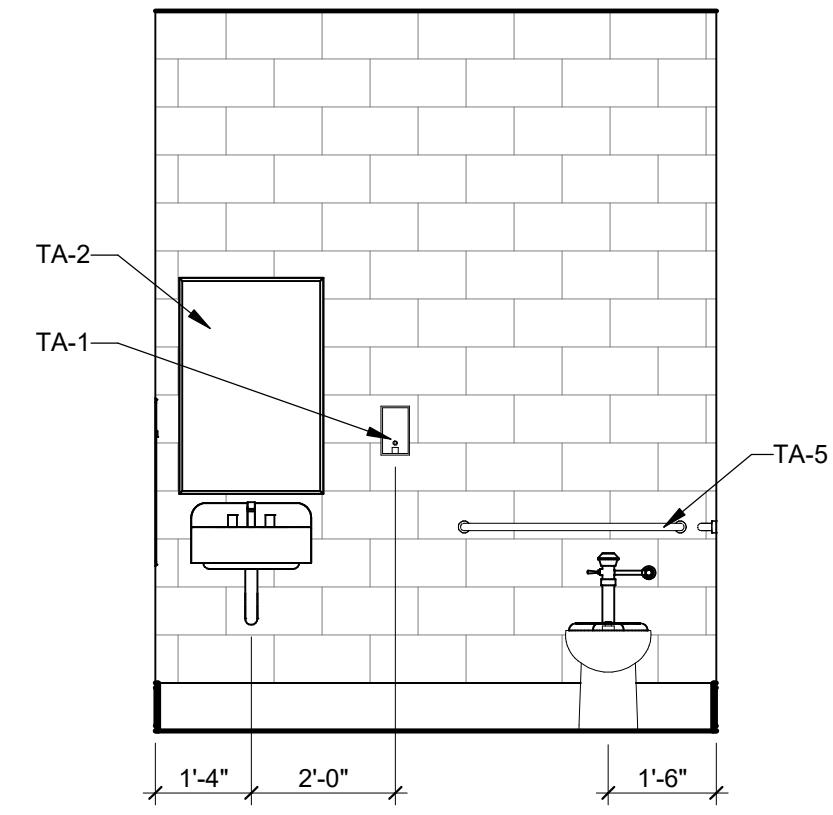
1. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
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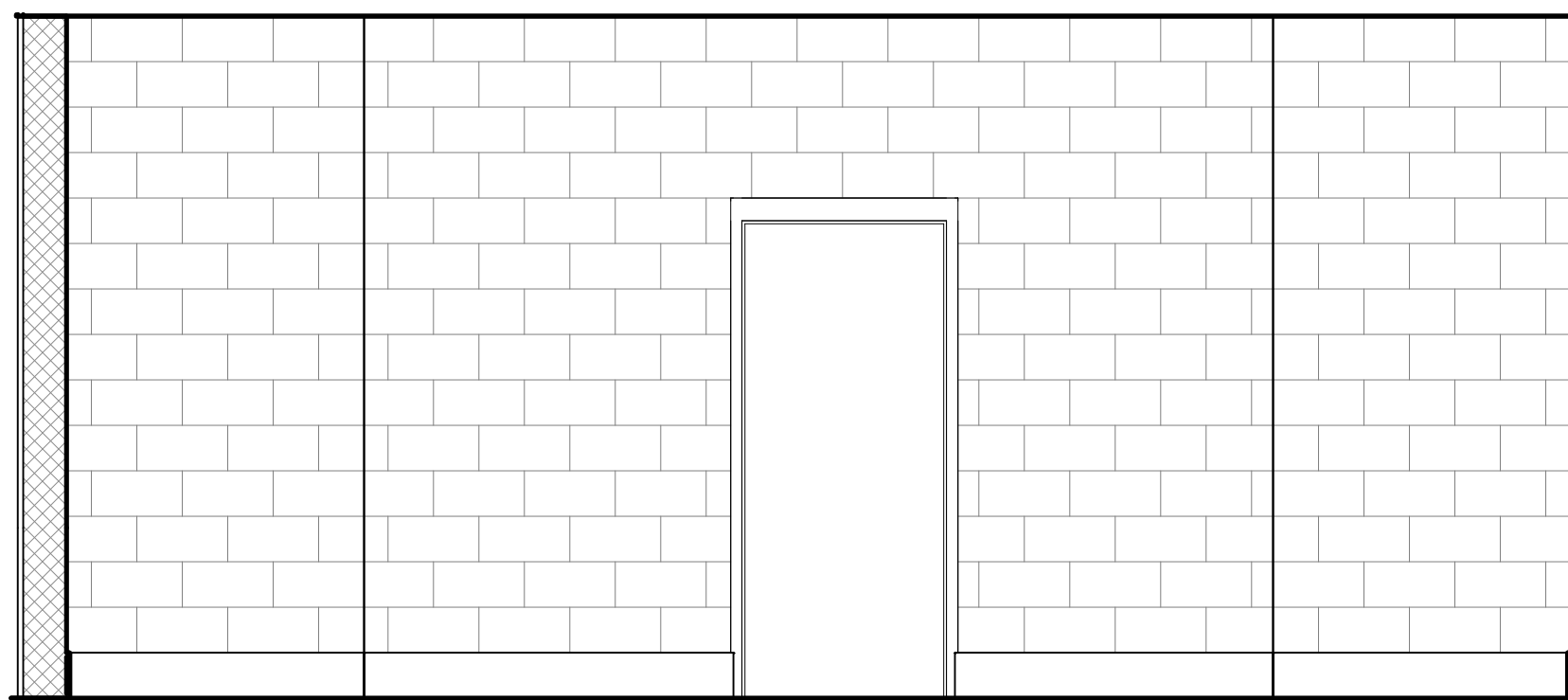
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B138  
SCALE: 3/8" = 1'-0"



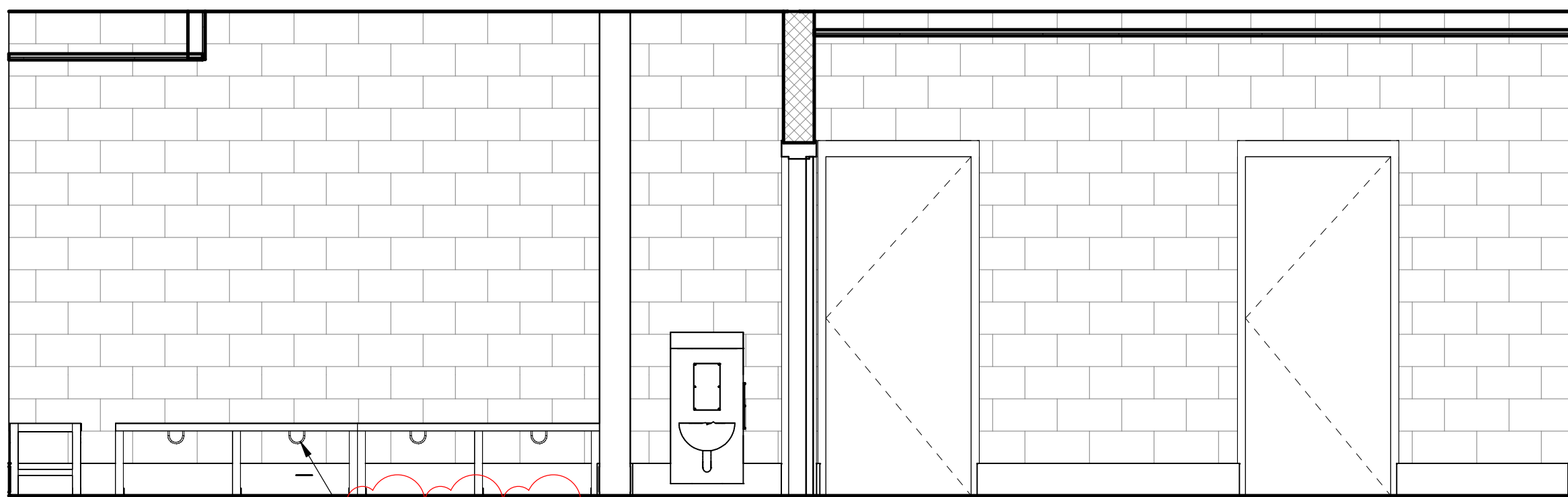
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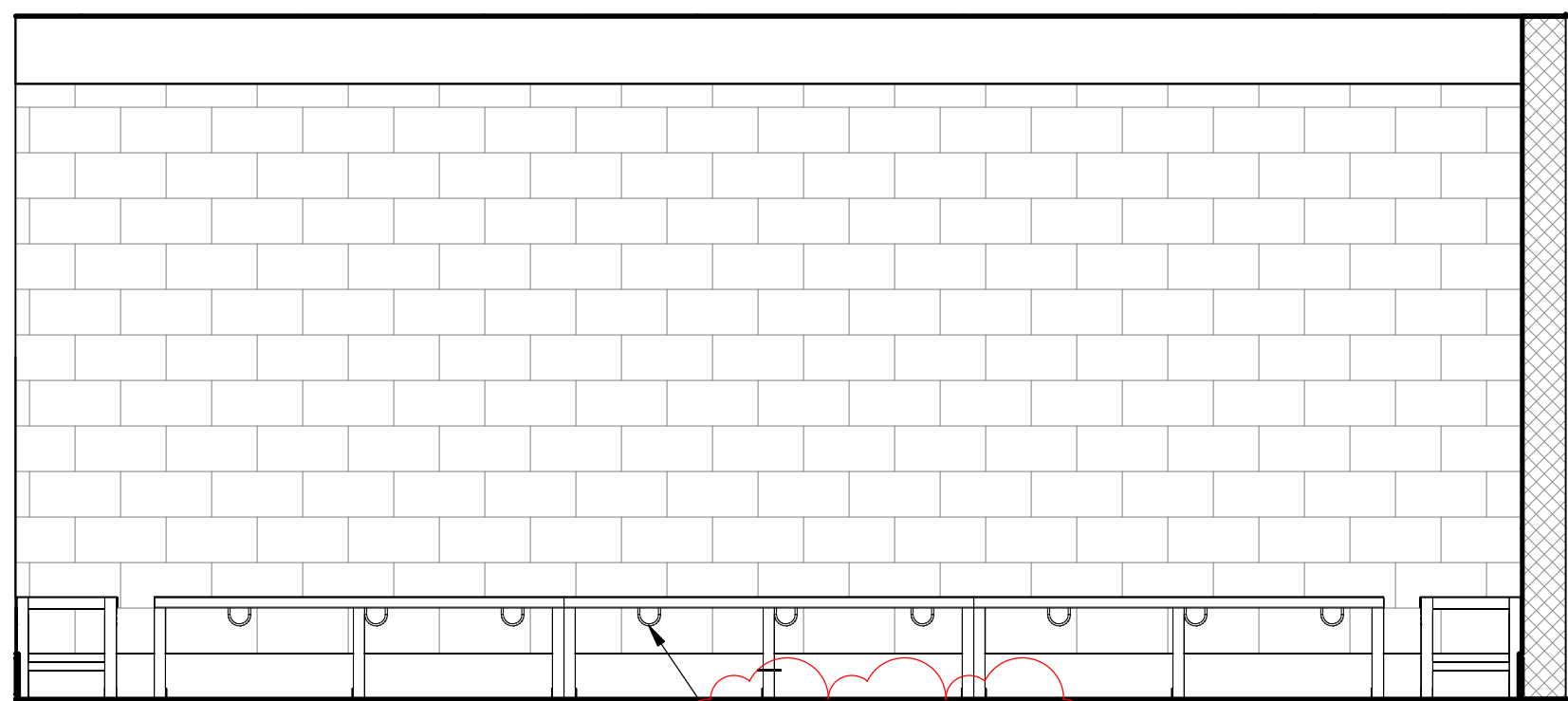
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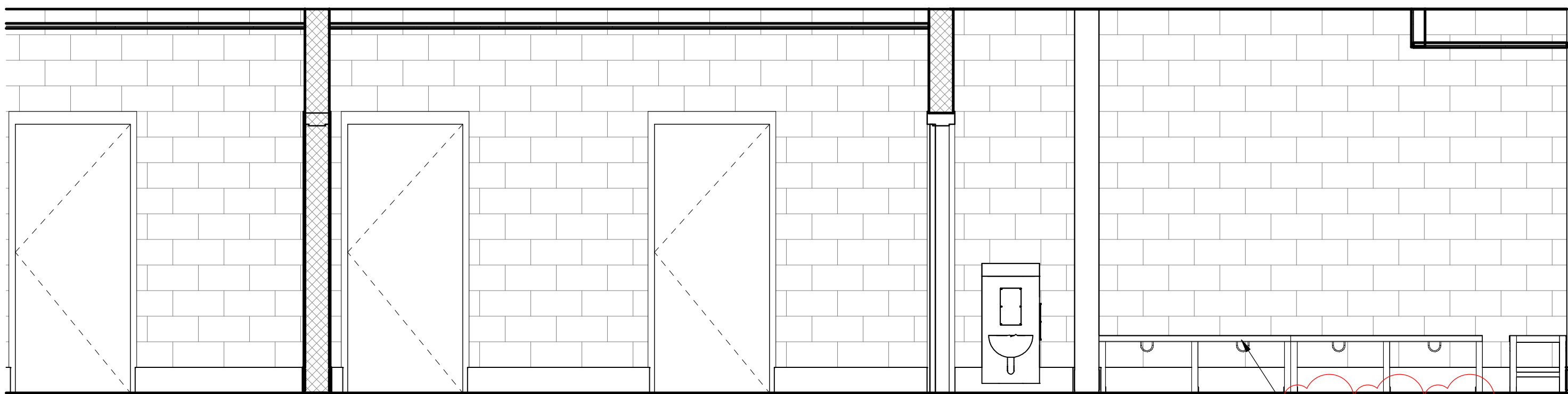
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DETOX B145  
SCALE: 3/8" = 1'-0"



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DETOX B145  
SCALE: 3/8" = 1'-0"



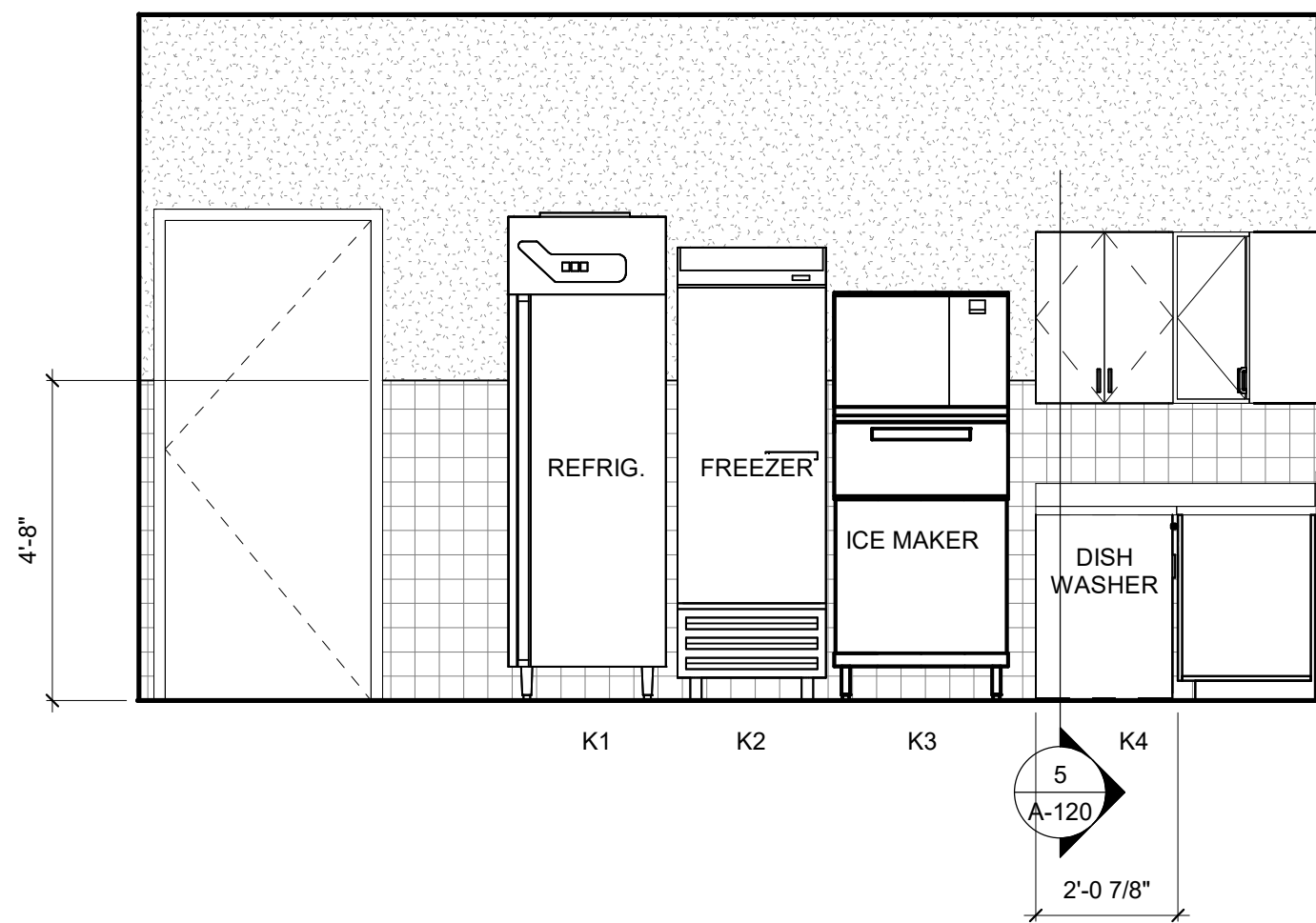
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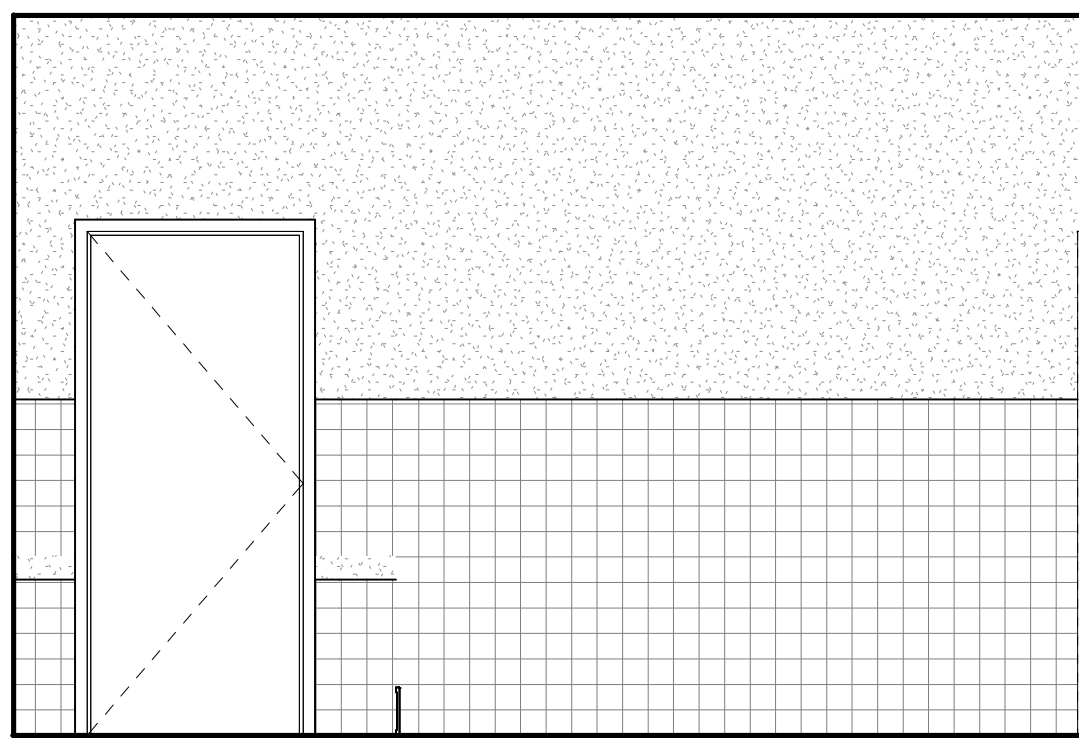
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DETOX B145  
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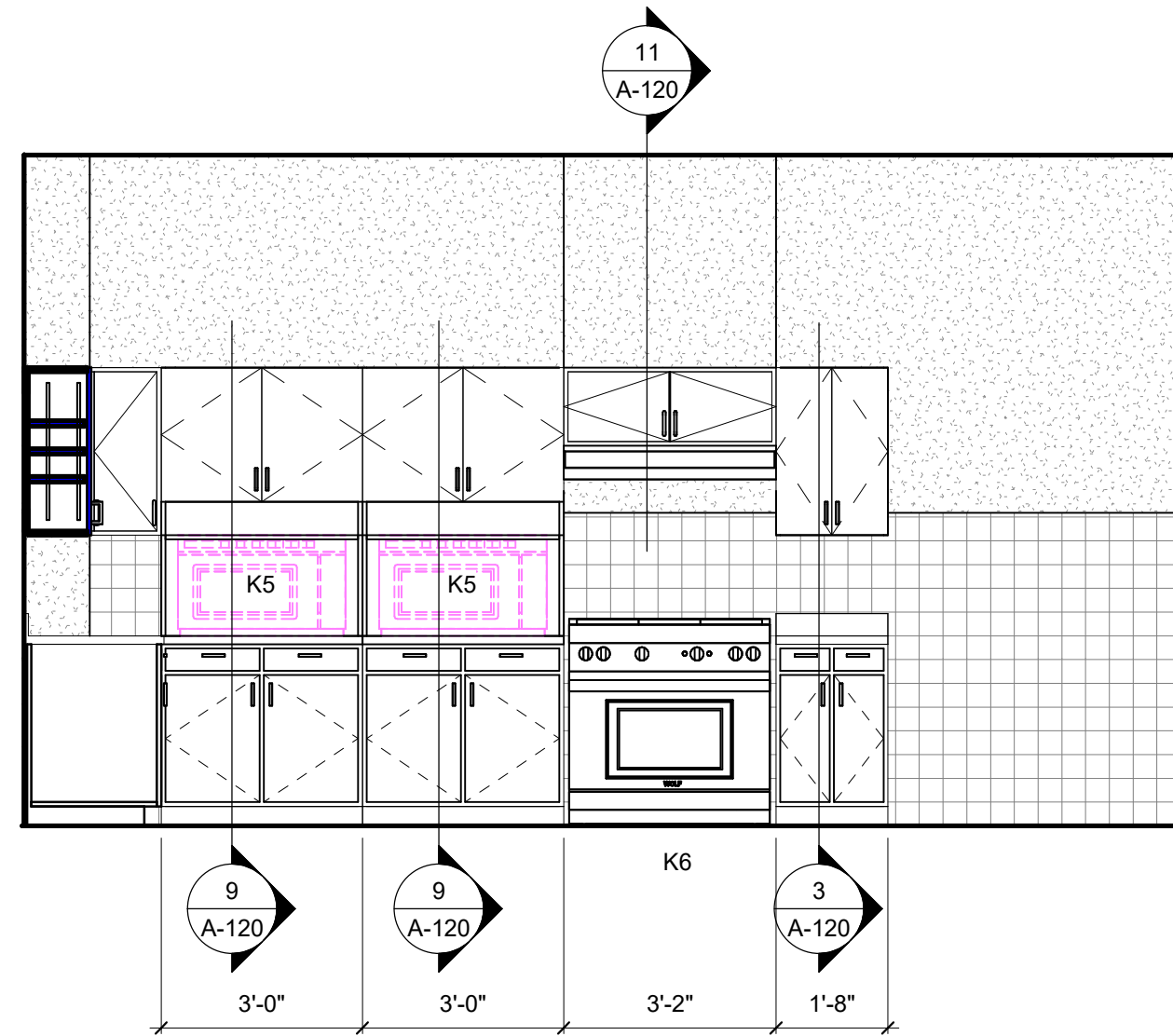
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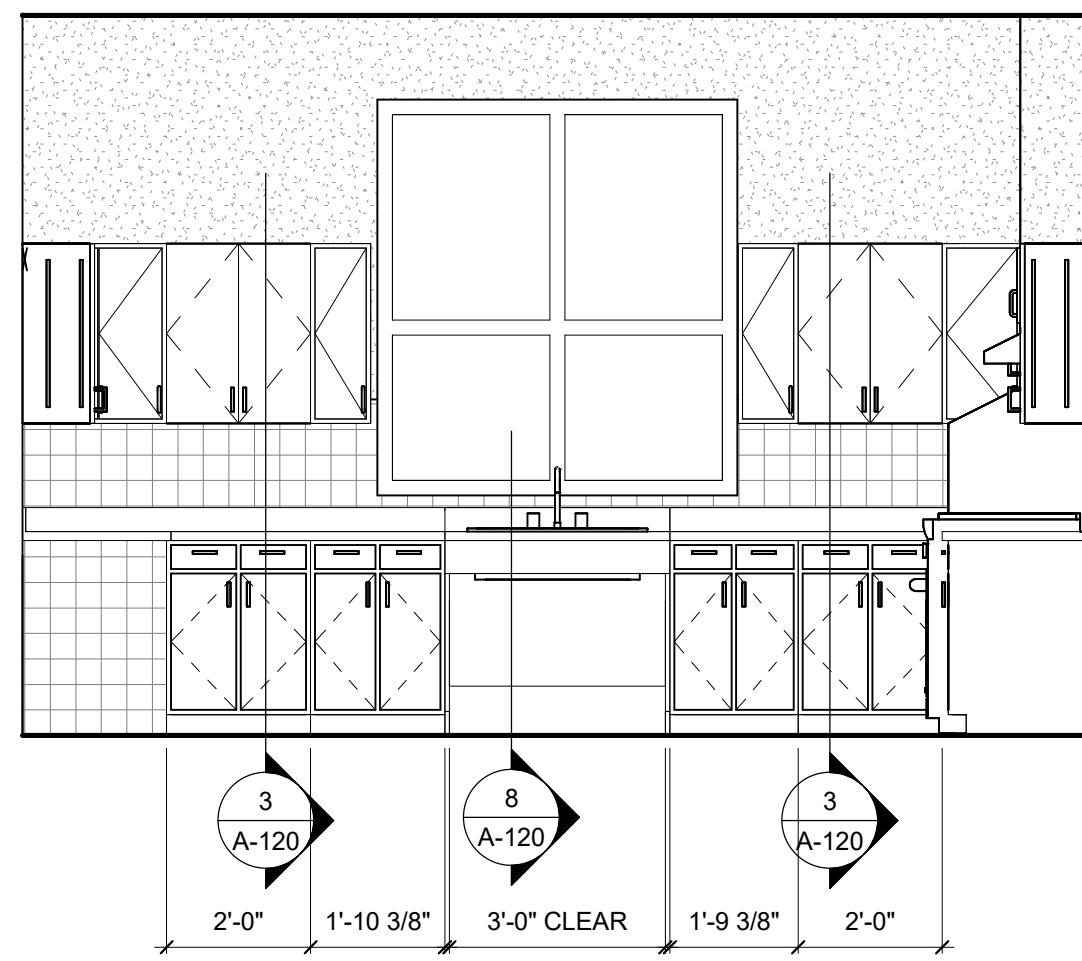
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**C100**  
SCALE: 3/8" = 1'-0"



**INTERIOR ELEVATION - KITCHEN**  
**C100**  
SCALE: 3/8" = 1'-0"



**INTERIOR ELEVATION - KITCHEN**  
**C100**  
SCALE: 3/8" = 1'-0"



**INTERIOR ELEVATION - KITCHEN**  
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**GENERAL FINISH NOTES**

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**KITCHEN EQUIPMENT SCHEDULE**

ITEM	QTY.	DESCRIPTION	REMARKS
K1	2	REFRIGERATOR	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K2	2	FREEZER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K3	1	ICE MAKER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K4	1	DISHWASHER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K5	4	MICROWAVE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K6	1	36" WIDE RANGE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K7	1	DORM FRIDGE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED

REFER TO A-123 FOR KITCHEN EQUIPMENT THROUGHOUT THE FACILITY.

**CONSULTANTS**

**CIVIL:**

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T 361.854.3101

**STRUCTURAL:**

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**MEP:**

MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

**LANDSCAPE / IRRIGATION:**

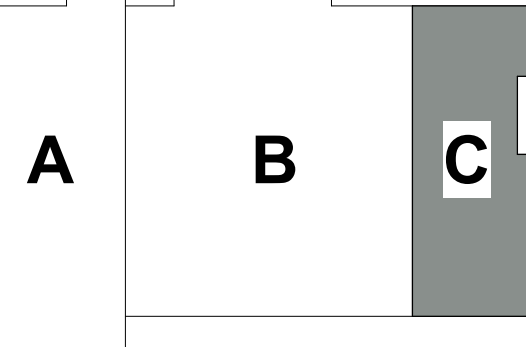
ADLA, INC.  
4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



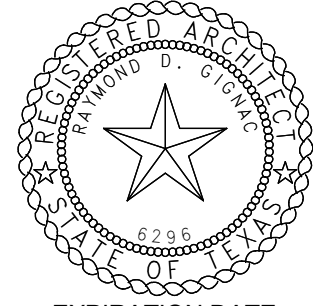
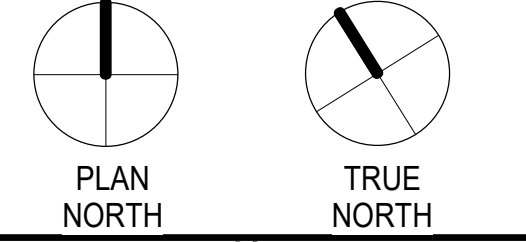
**CITY OF PORT ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

**D**

MEZZANINE



1ST FLOOR



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: JJS  
Checked: Checker

Revisions:

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2	Addenda #2	6-15-23

Sheet Title:

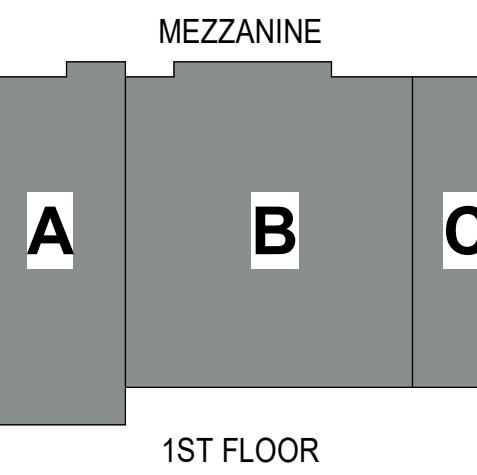
**INTERIOR  
ELEVATIONS**





**CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

D



1ST FLOOR



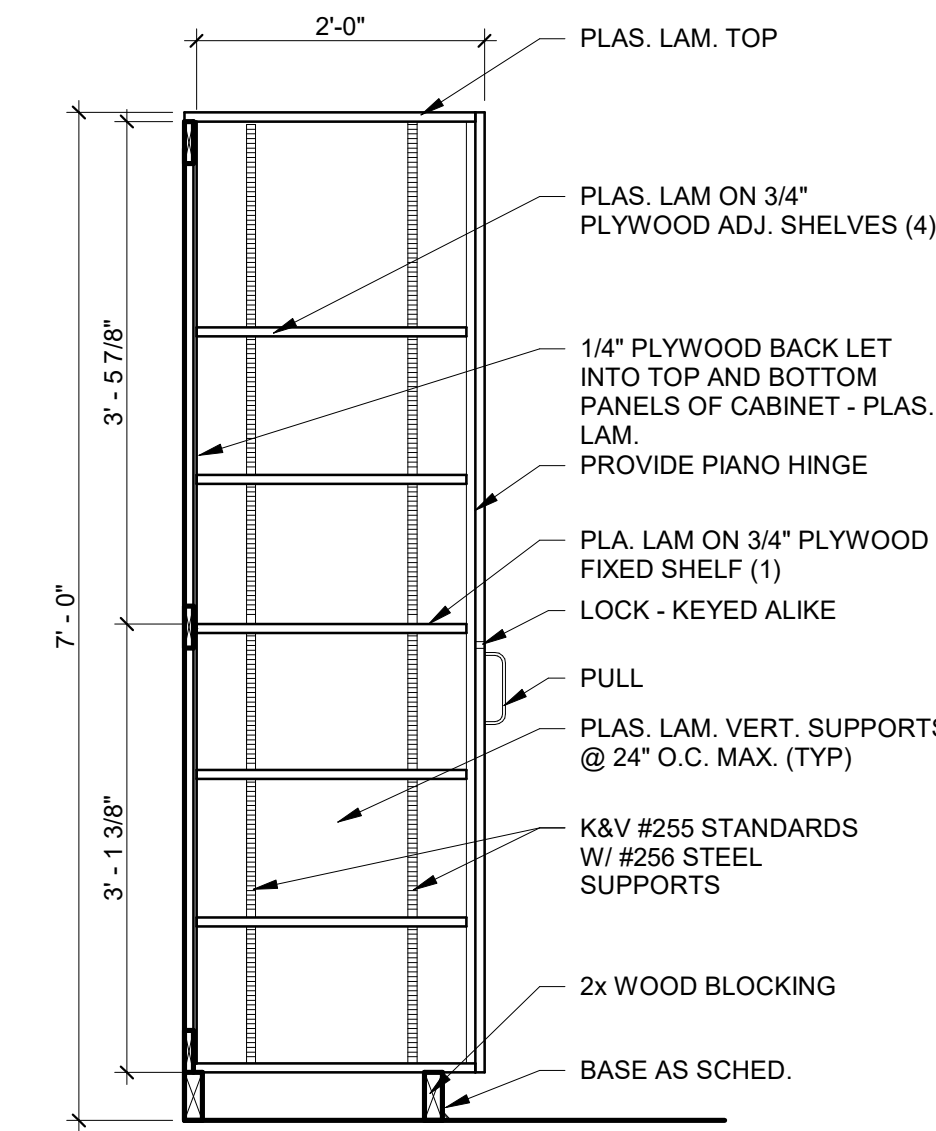
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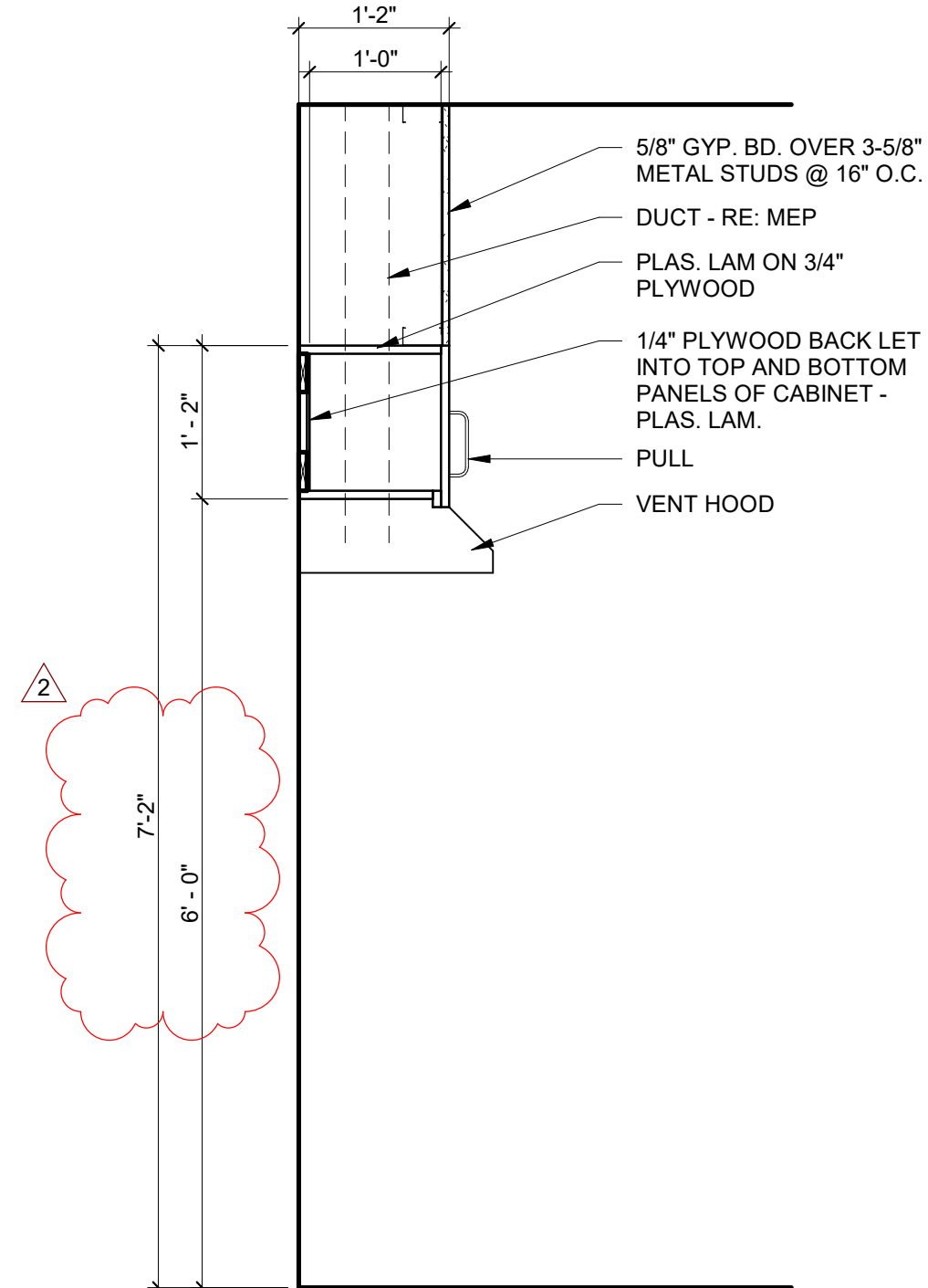
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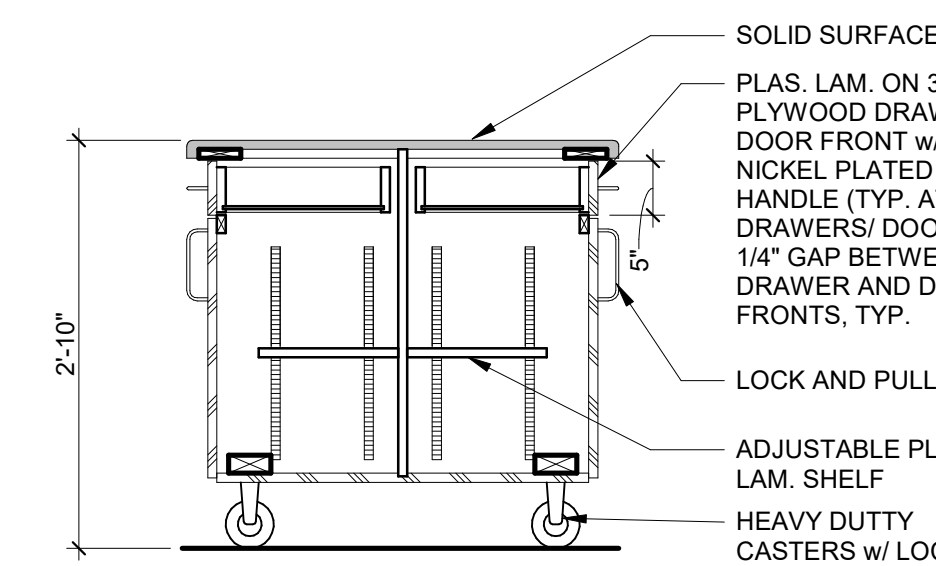
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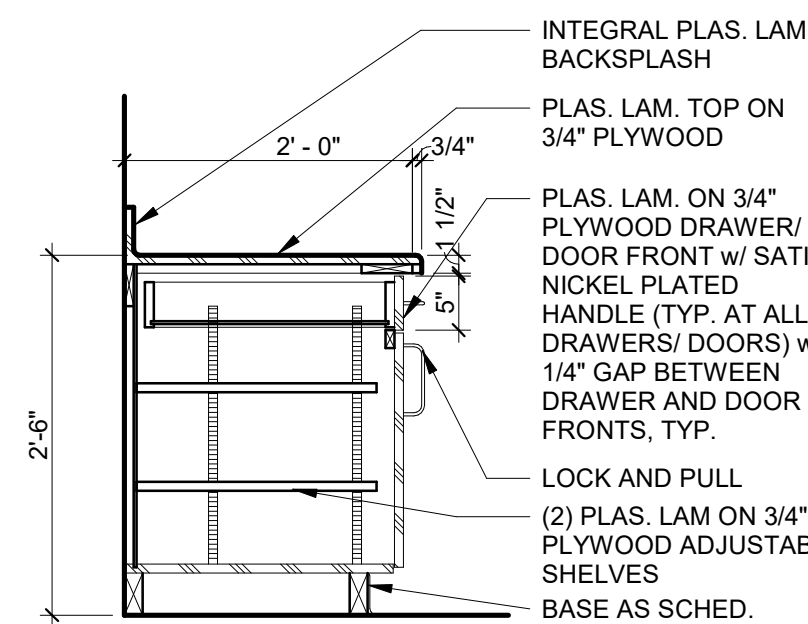
**16 CABINET SECTION**  
SCALE: 3/4" = 1'-0"



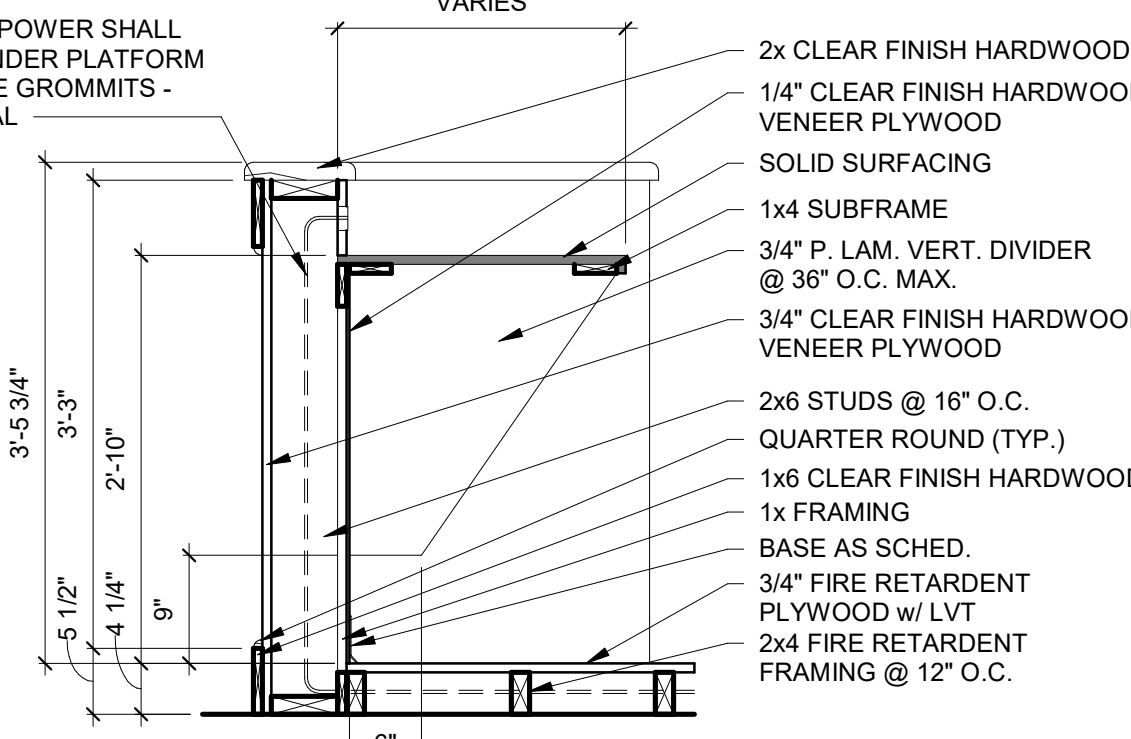
**11 DUCT ENCLOSURE**  
SCALE: 3/4" = 1'-0"



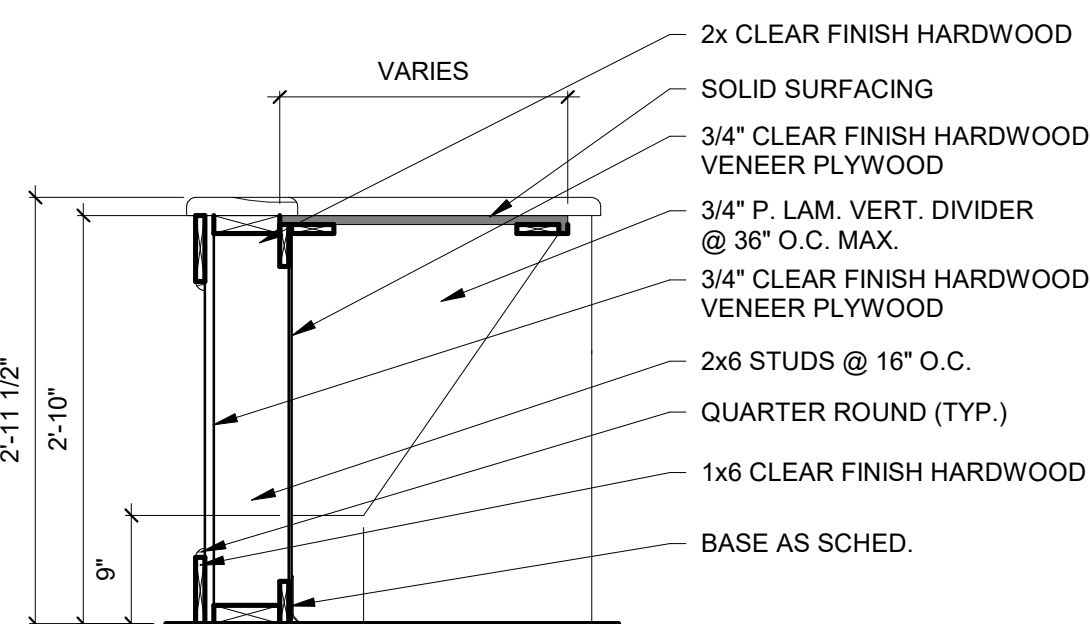
**12 MOBILE CART SECTION**  
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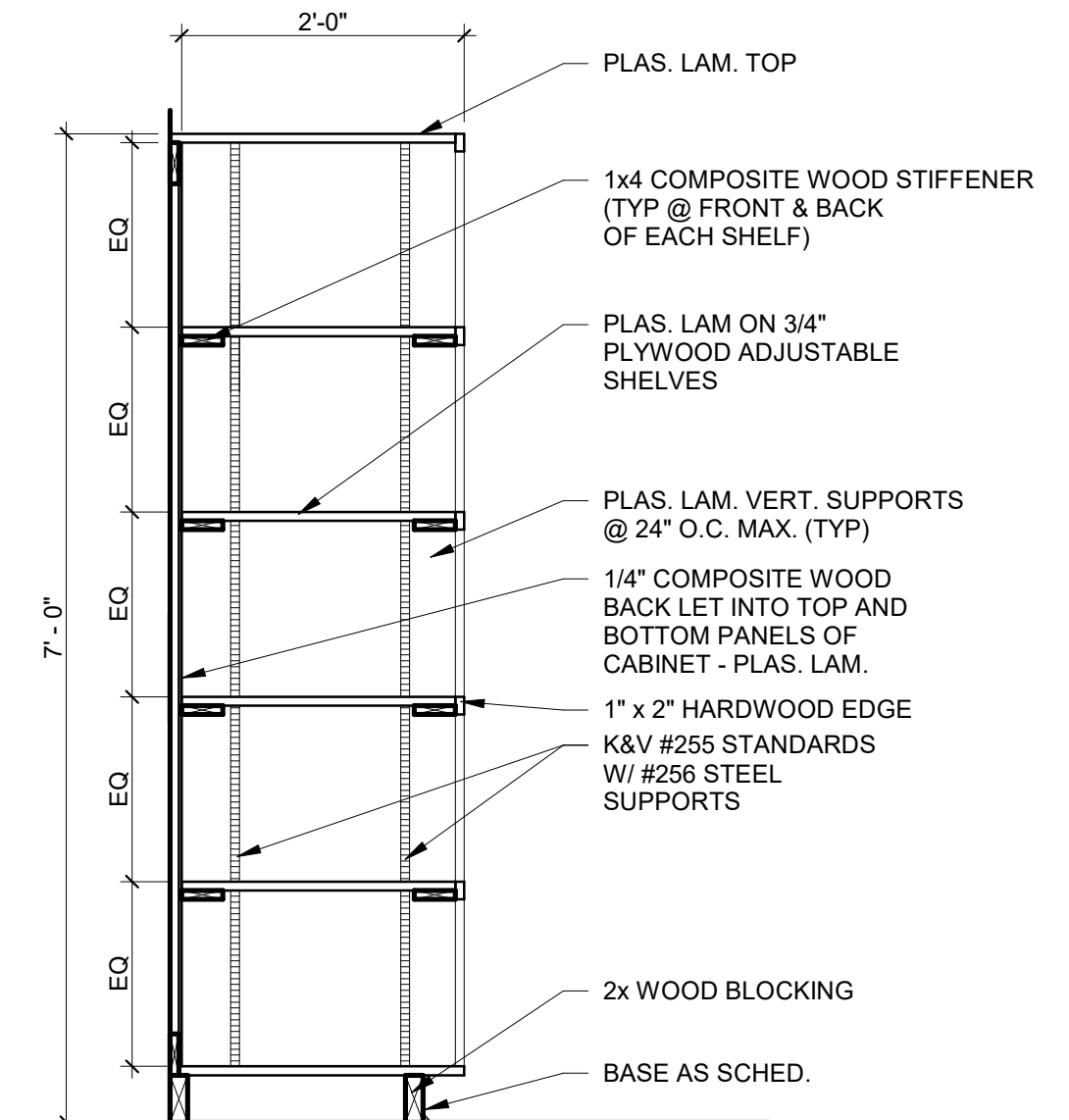
**13 BASE MILLWORK SECTION**  
SCALE: 3/4" = 1'-0"



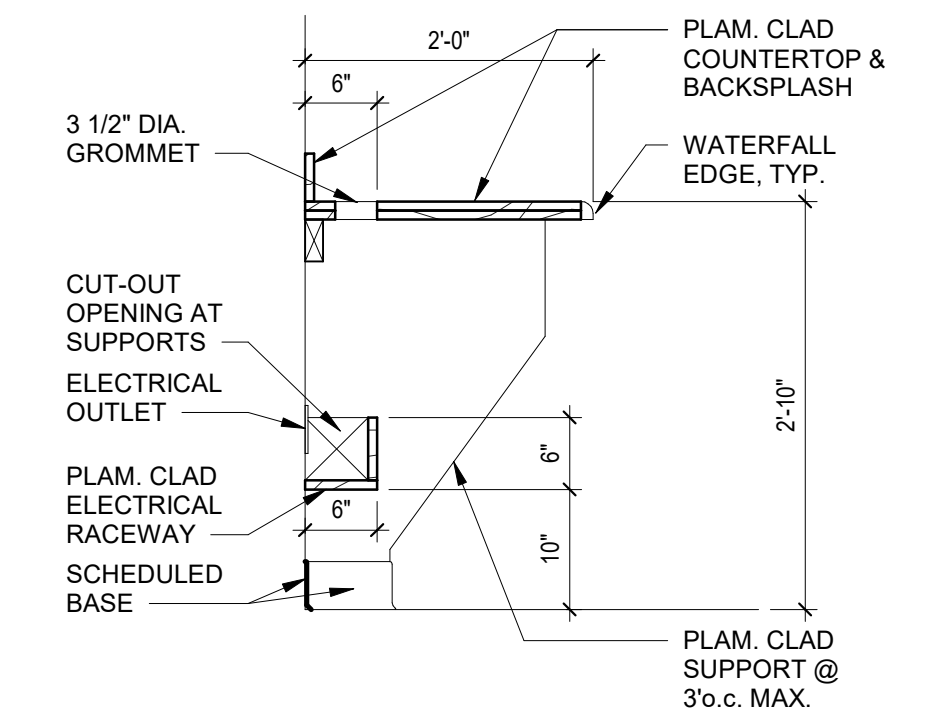
**14 CABINET SECTION**  
SCALE: 3/4" = 1'-0"



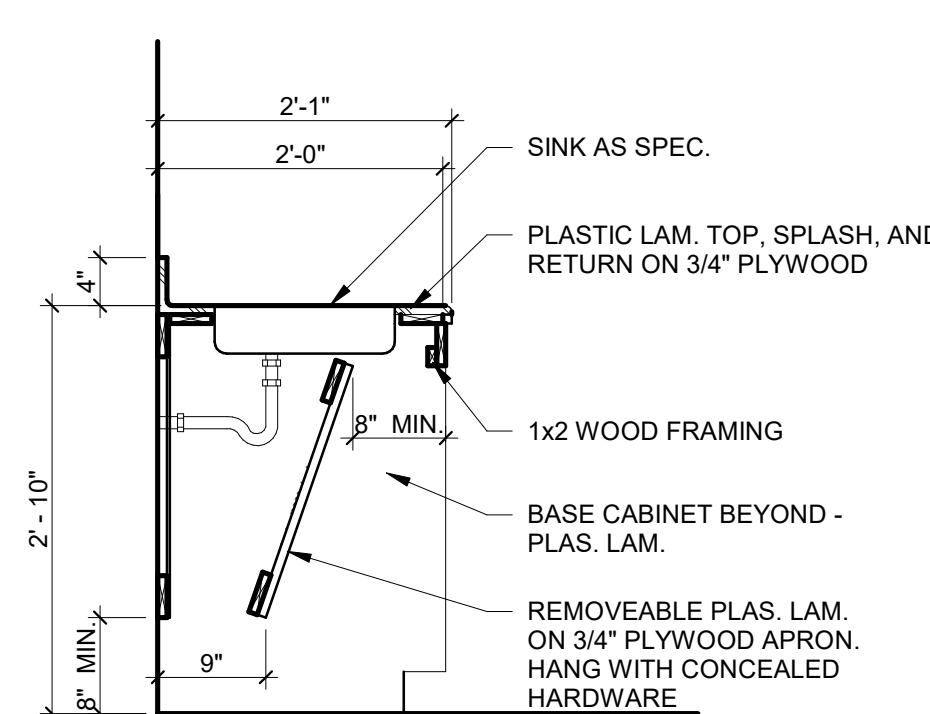
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SCALE: 3/4" = 1'-0"



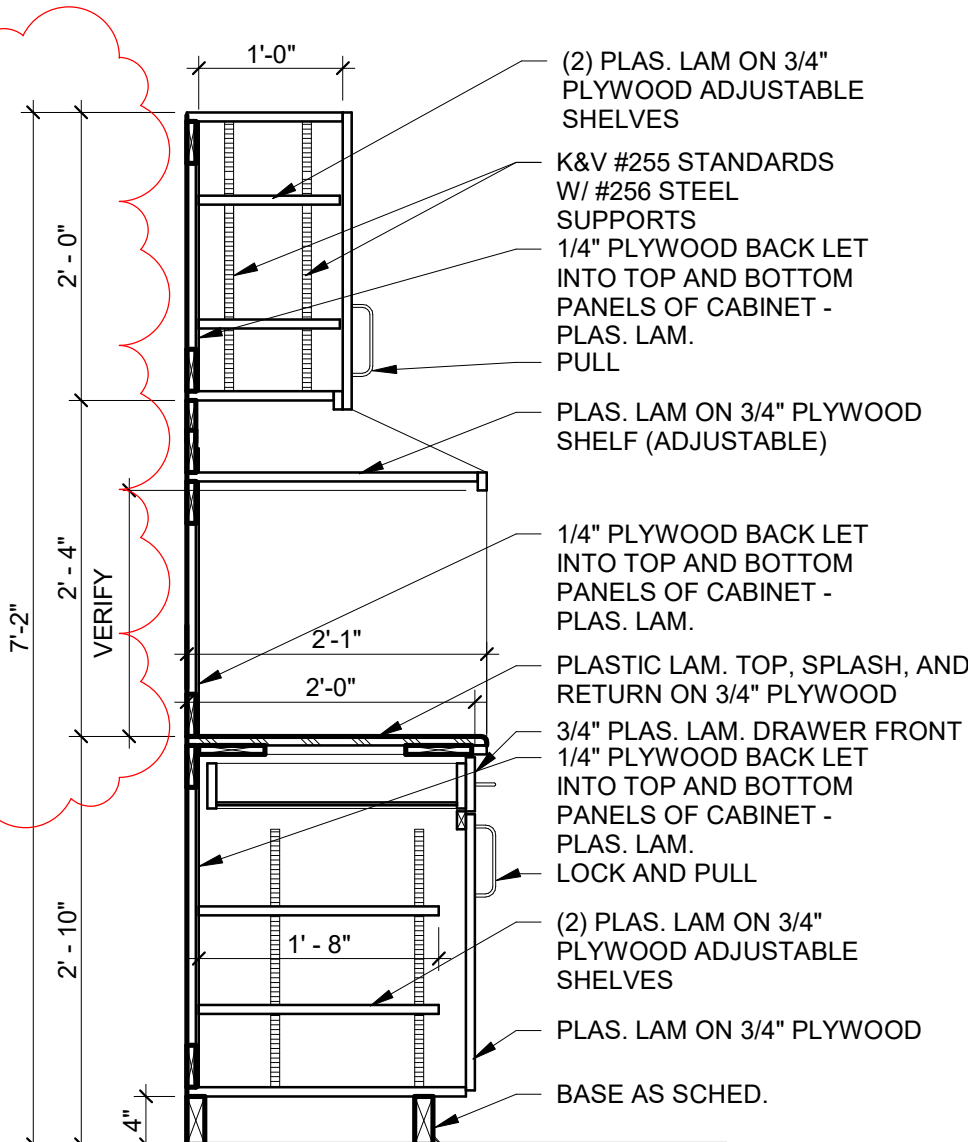
**6 CABINET SECTION**  
SCALE: 3/4" = 1'-0"



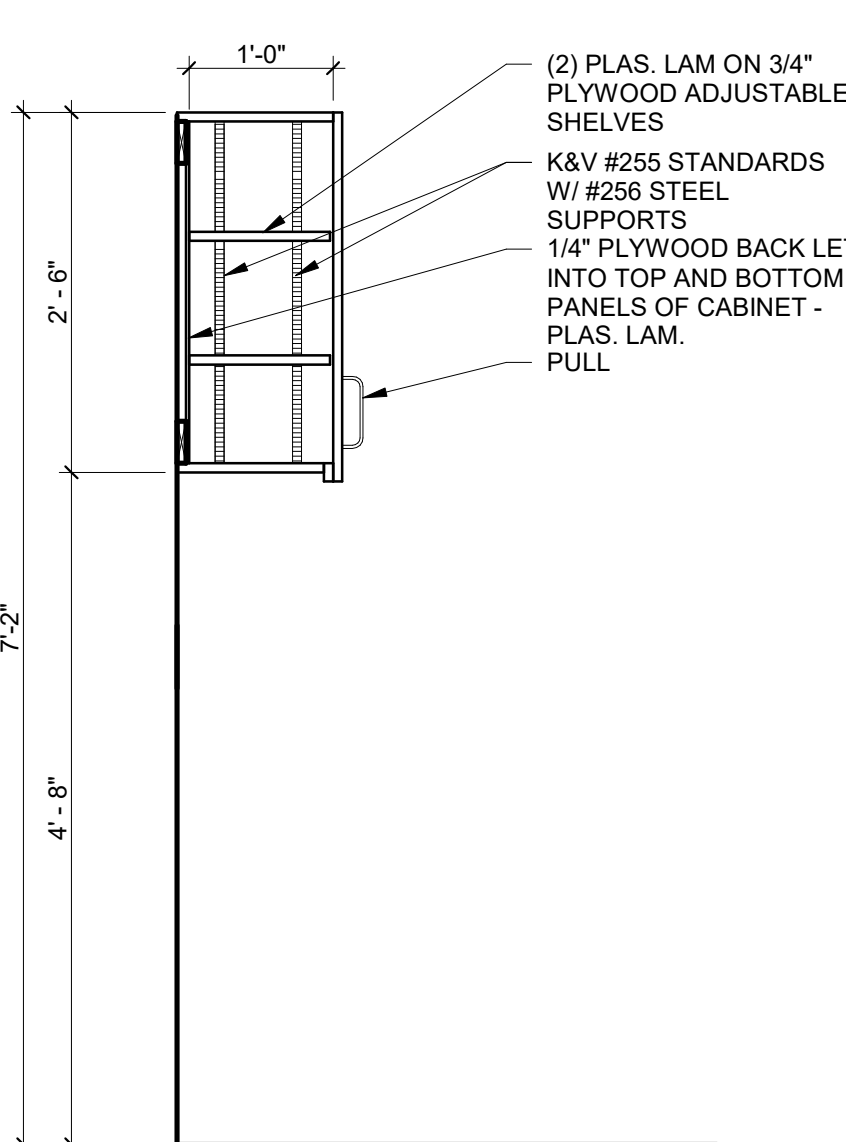
**7 CABINET SECTION**  
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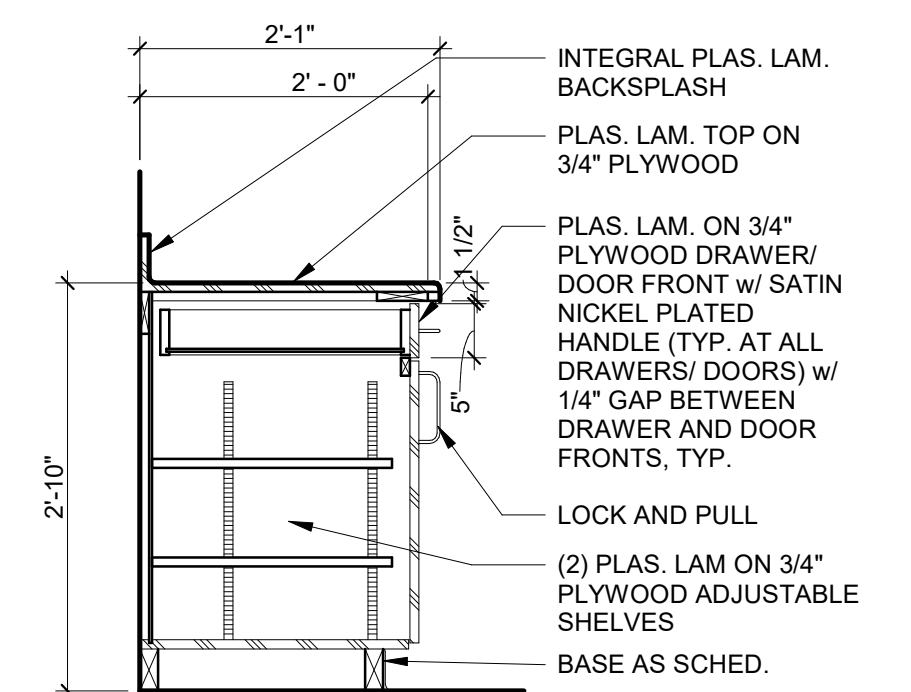
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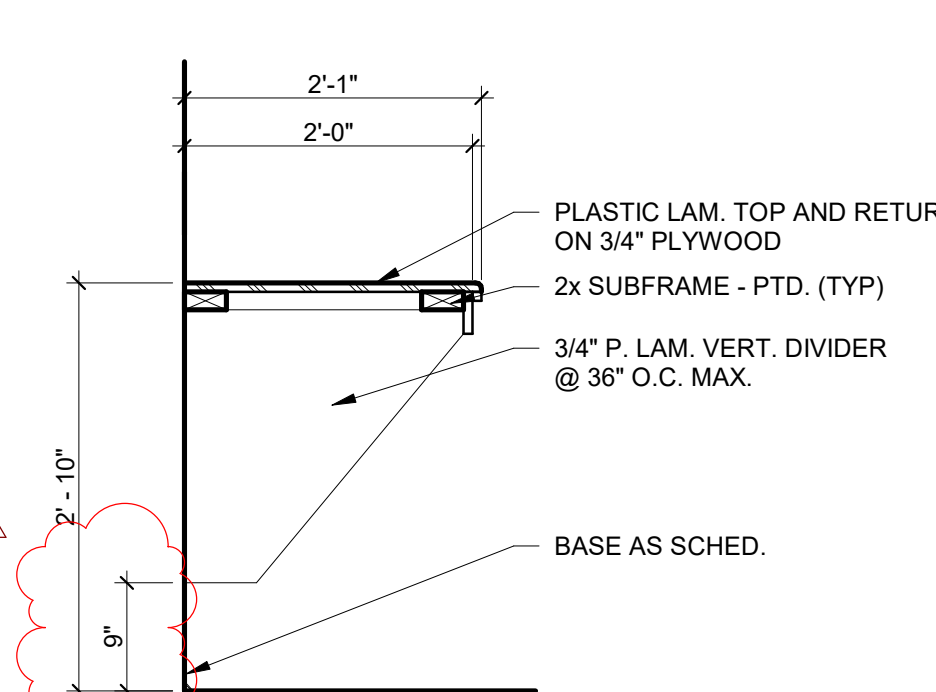
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SCALE: 3/4" = 1'-0"



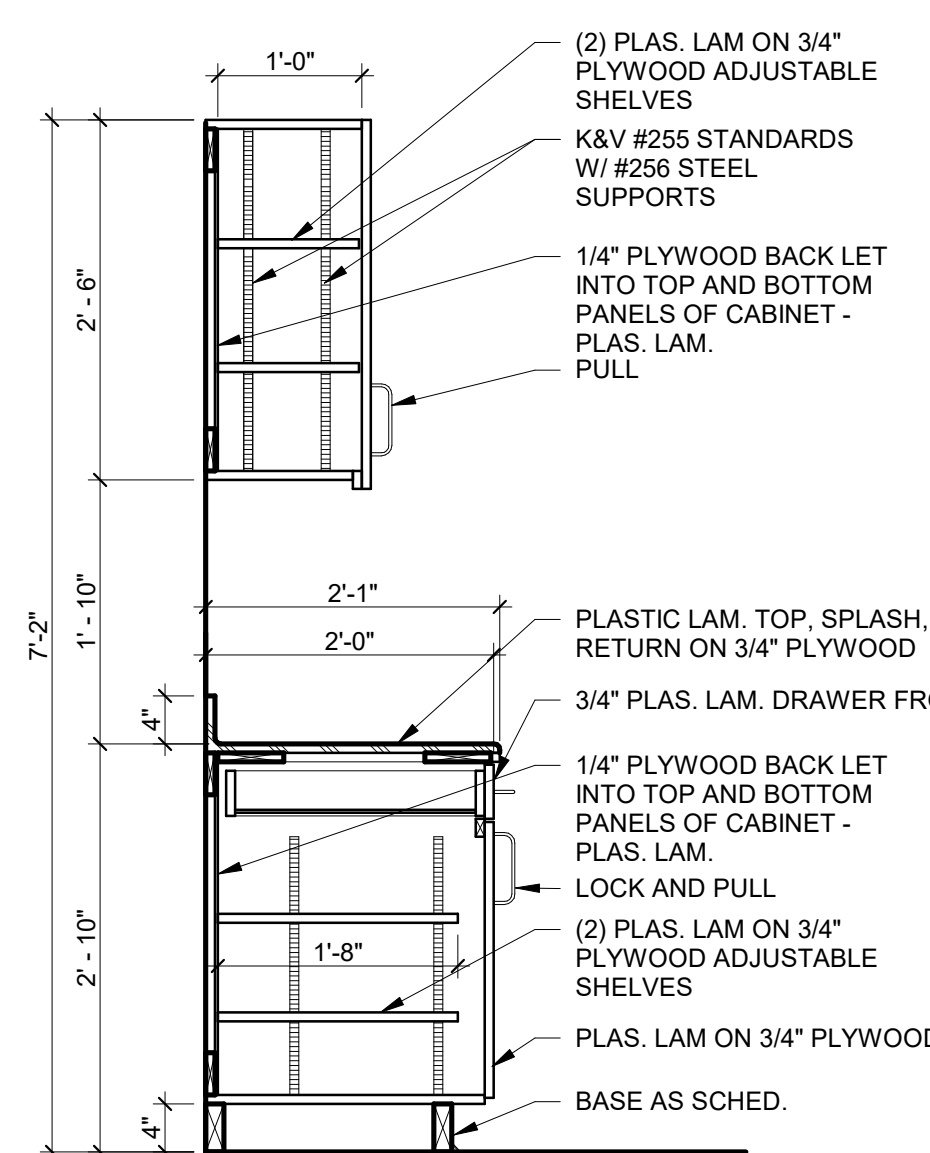
**10 CABINET SECTION**  
SCALE: 3/4" = 1'-0"



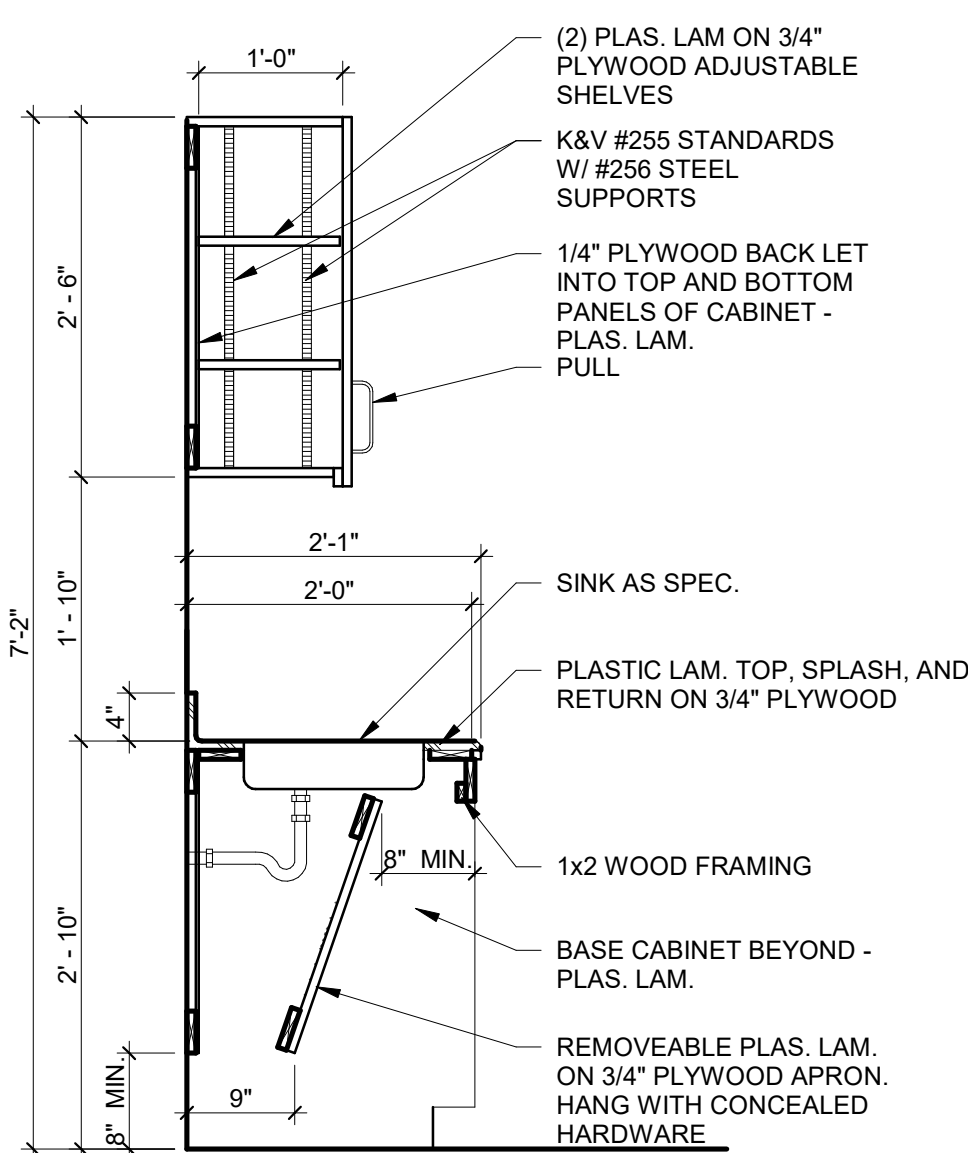
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SCALE: 3/4" = 1'-0"



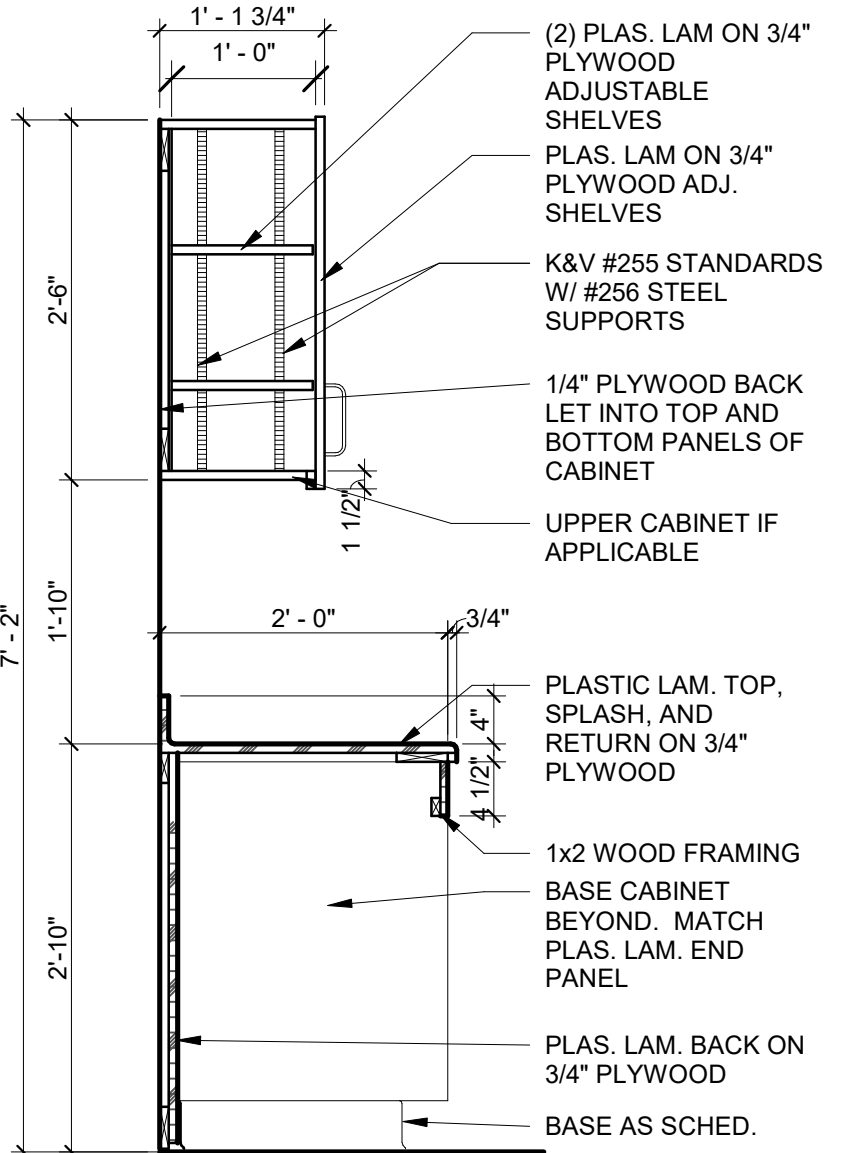
**2 CABINET SECTION**  
SCALE: 3/4" = 1'-0"



**3 CABINET SECTION**  
SCALE: 3/4" = 1'-0"



**4 CABINET SECTION**  
SCALE: 3/4" = 1'-0"



**5 CABINET SECTION**  
SCALE: 3/4" = 1'-0"



## KITCHEN EQUIPMENT SCHEDULE

ITEM	QTY.	DESCRIPTION	REMARKS
K1	2	REFRIGERATOR	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K2	2	FREEZER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K3	1	ICE MAKER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K4	1	DISHWASHER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K5	4	MICROWAVE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K6	1	36" WIDE RANGE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
K7	1	DORM FRIDGE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED

REFER TO A-123 FOR KITCHEN EQUIPMENT THROUGHOUT THE FACILITY.

## FURNITURE / ACCESSORIES LEGEND

MARK	ITEM	DESCRIPTION
1	TABLE & CHAIRS	OWNER PROVIDED & INSTALLED
2	CHAIRS	OWNER PROVIDED & INSTALLED
3	DESK & CHAIR	OWNER PROVIDED & INSTALLED
4	FILE DRAWER	OWNER PROVIDED & INSTALLED
5	OFFICE WORKSTATION	OWNER PROVIDED & INSTALLED
6	ROUND TABLE & CHAIRS	OWNER PROVIDED & INSTALLED
7	TABLE & CHAIRS	OWNER PROVIDED & INSTALLED
8	DESK & CHAIR	OWNER PROVIDED & INSTALLED
9	MOBILE SHELVING	OWNER PROVIDED & INSTALLED
10	COMPUTER NETWORK RACK	OWNER PROVIDED & INSTALLED
11	ELECTRIC COMPUTER STAND	OWNER PROVIDED & INSTALLED
12	WALL MOUNTED MONITOR	OWNER PROVIDED & INSTALLED
13	TABLE & CHAIRS	OWNER PROVIDED & INSTALLED

### FURNITURE / ACCESSORIES GENERAL NOTES:

- FURNITURE SHOWN IN ROOMS IS FOR REFERENCE ONLY, NOT IN CONTRACT.
- CONTRACTOR TO PROVIDE MILLWORK & PLUMBING MEP ITEMS AS PER FLOOR PLANS & MEP DRAWINGS.
- PROVIDE WOOD BLOCKING AS REQ'D. FOR ALL WALL MOUNTED EQUIPMENT. COORDINATE w/ OWNER ALL FINAL LOCATIONS & HEIGHT REQUIREMENTS.
- REFER TO INT. ELEVATIONS FOR ADDITIONAL INFORMATION ON LOCATIONS OF MARKER BOARDS, FLAT PANEL DISPLAYS. PROVIDE WOOD BLOCKING SUPPORT AS REQ'D. COORDINATE w/ ARCHITECT.
- ROOMS COURT A108, DISPATCH B117, CHIEF B105 & PATROL C117 HAVE DISPLAY WALL w/ MULTIPLE LEVELS OF MONITORS. REFER TO INT. ELEVATIONS FOR ADDITIONAL INFORMATION.



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

### CONSULTANTS

#### CIVIL:

URBAN ENGINEERING  
2725 SWANTNER  
CORPUS CHRISTI, TEXAS 78404  
T 361.854.3101

#### STRUCTURAL:

GREEN, RUBIANO & ASSOCIATES  
1220 W. HARRISON AVE.  
HARLINGEN, TEXAS 78550  
T 956.428.4461

#### MEP:

MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

#### LANDSCAPE / IRRIGATION:

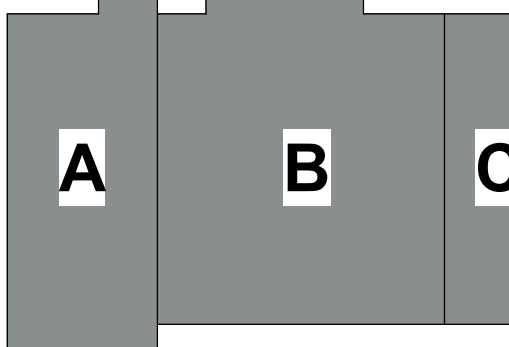
ADLA, INC.  
4833 SARATOGA BLVD., #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



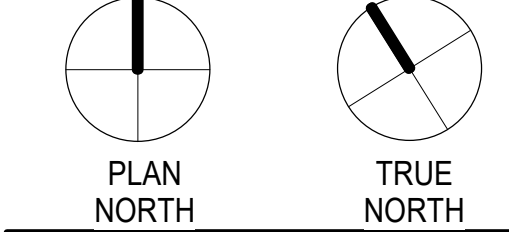
## CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS

D

MEZZANINE



1ST FLOOR



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: JJS  
Checked: Checker

Revisions:

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Sheet Title:

FURNITURE PLAN



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EXTERIOR FINISH LEGEND		
LABEL	DESCRIPTION	
P.C.P. 1	PORTLAND CEMENT PLASTER - COLOR 1	
P.C.P. 2	PORTLAND CEMENT PLASTER - COLOR 2	
P.C.P. 3	PORTLAND CEMENT PLASTER - COLOR 3	
	FIBER CEMENT SIDING	

GENERAL NOTES:

**GIGNAC**  
**ARCHITECTS**  
ARCHITECTURE | CONSTRUCTION MANAGEMENT

416 STARR STREET  
CORPUS CHRISTI, TEXAS 78401  
T 361.884.2661  
F 361.884.4232  
222 E. VAN BUREN, SUITE 102  
HARLINGEN, TEXAS 78550  
T 956.365.4820  
F 956.365.4822  
3700 N. 10th, SUITE 205  
McALLEN, TEXAS 78501  
T 956.686.0100

**CONSULTANTS**

**CIVIL:**

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2725 SWANTNER  
CORPUS CHRISTI, TEXAS 78404  
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**STRUCTURAL:**

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HARLINGEN, TEXAS 78550  
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**MEP:**

MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

**LANDSCAPE / IRRIGATION:**

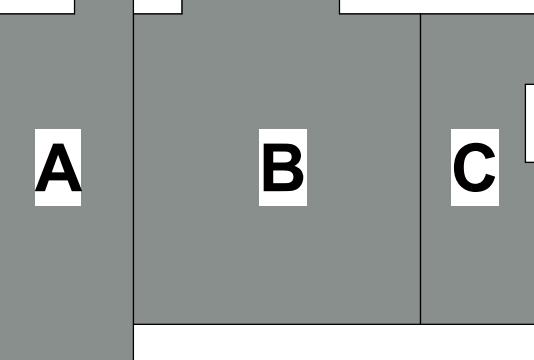
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4833 SARATOGA BLVD., #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



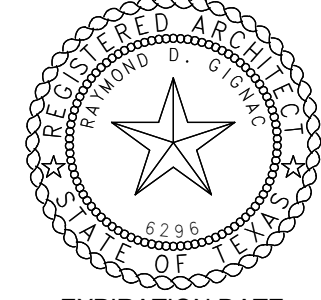
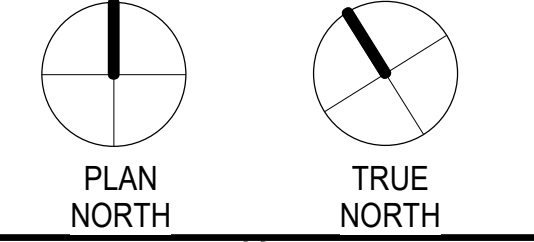
**CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

**D**

MEZZANINE



1ST FLOOR



EXPIRATION DATE  
11/30/23

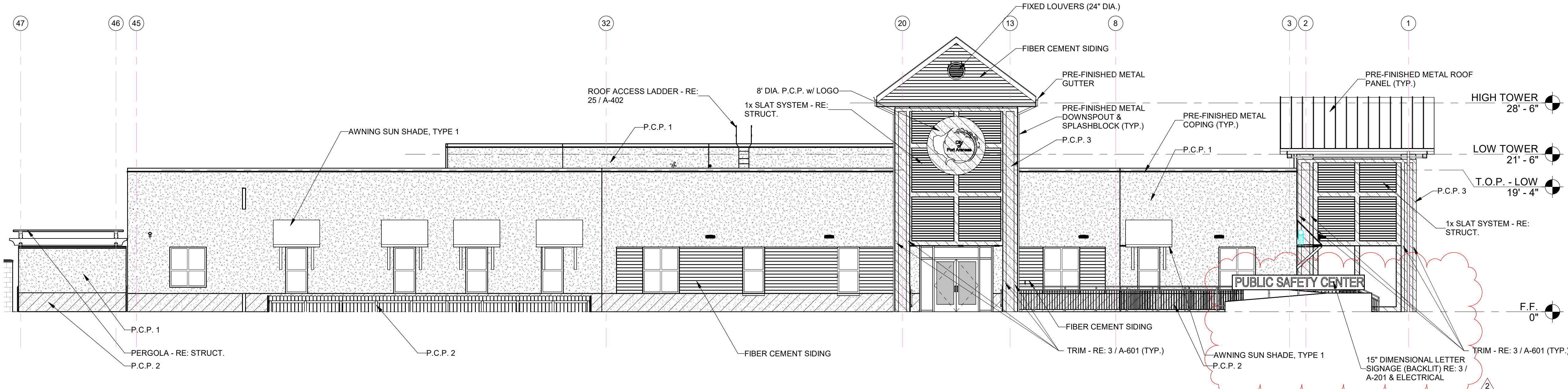
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5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
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Revisions:

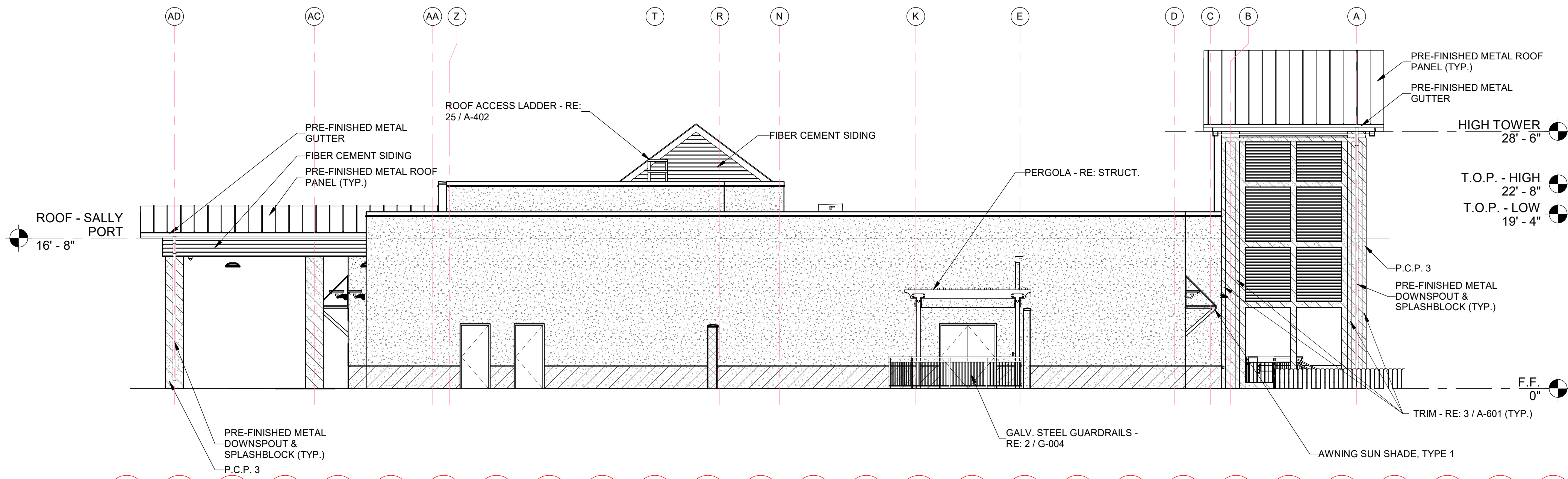
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2	Addenda #2	6-15-23

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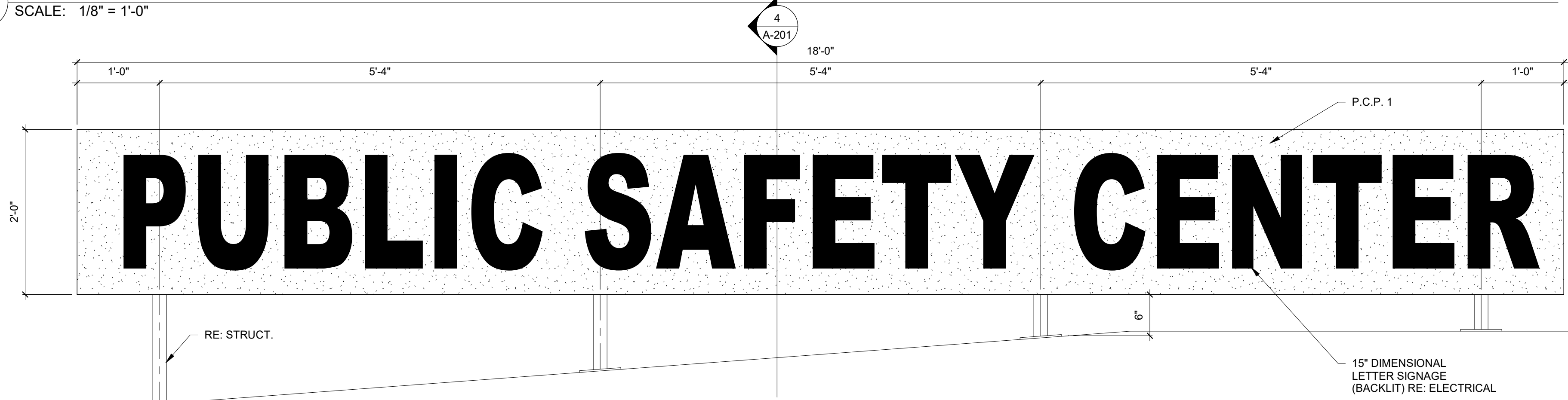
**EXTERIOR  
ELEVATIONS**



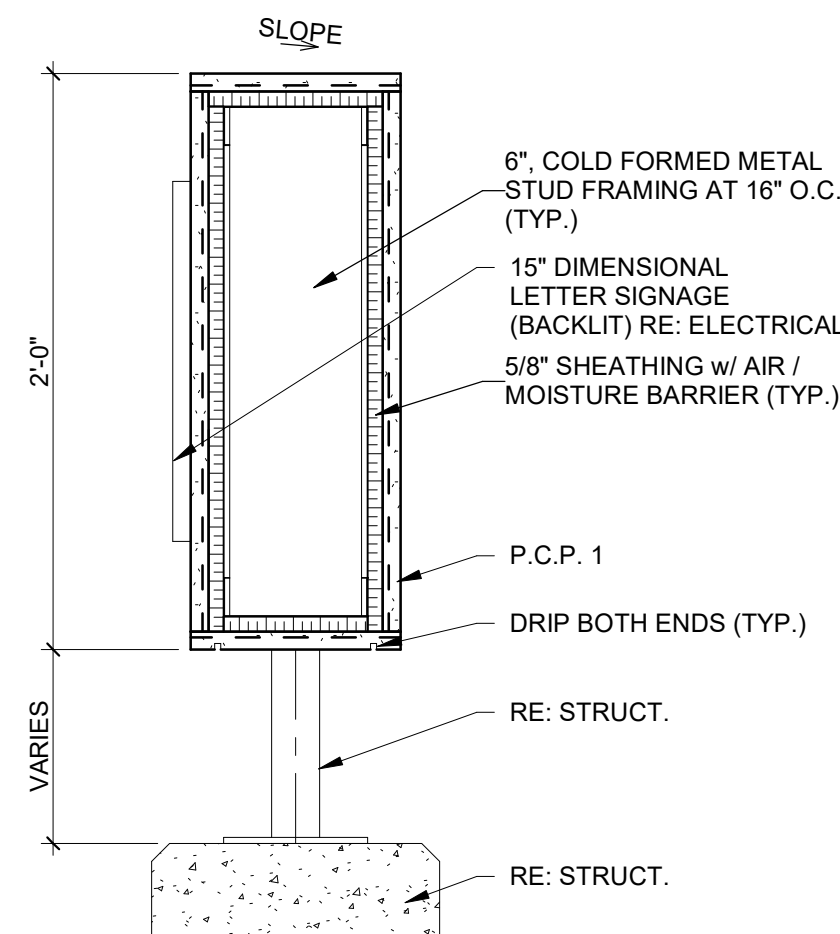
**1 OVERALL PLAN NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"



**2 OVERALL PLAN EAST ELEVATION**  
SCALE: 1/8" = 1'-0"



**3 DIMENSIONAL LETTER SIGNAGE  
DETAIL**  
SCALE: 1" = 1'-0"



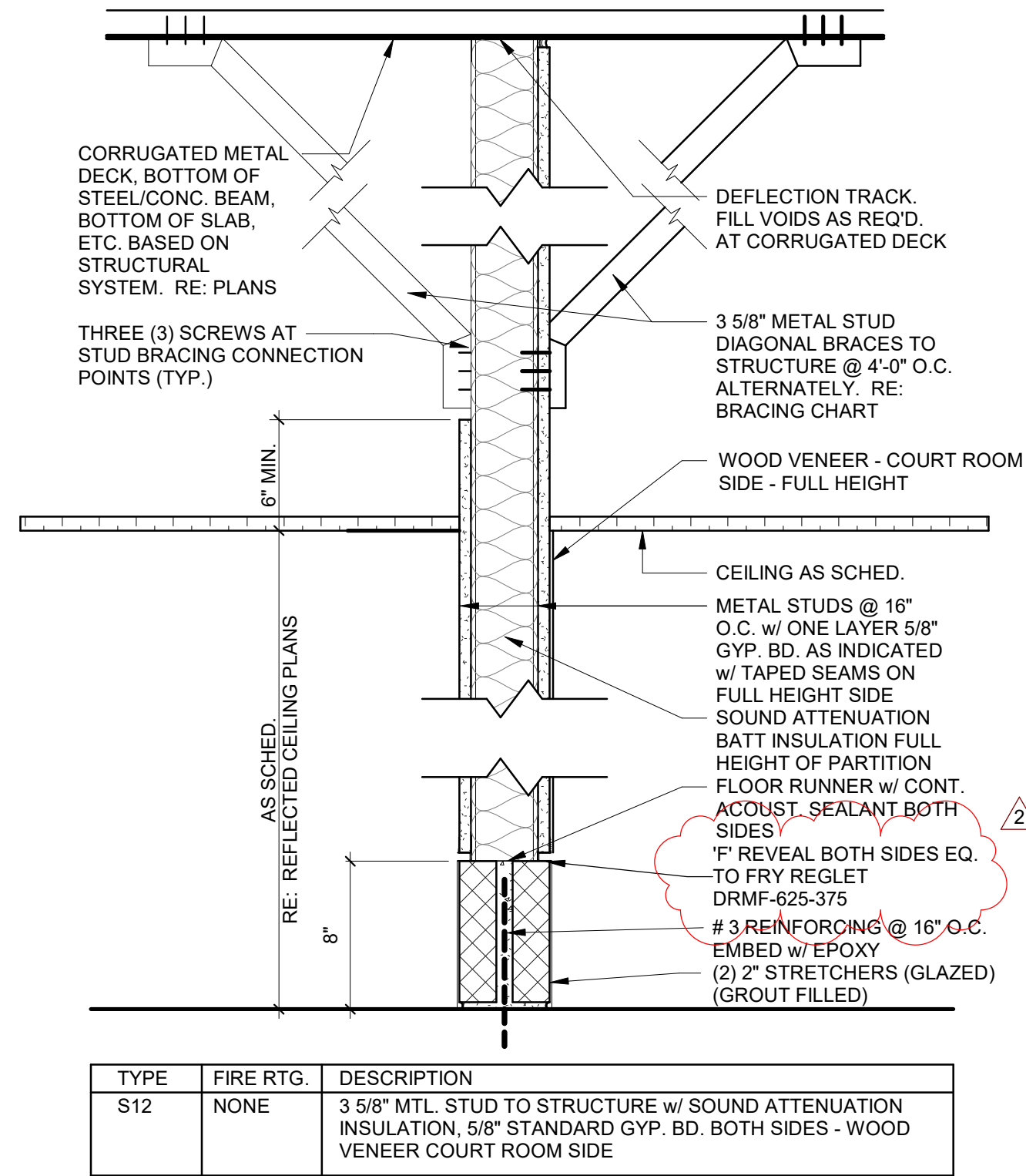
**4 DIMENSIONAL LETTER SIGNAGE  
DETAIL**  
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**A-201**

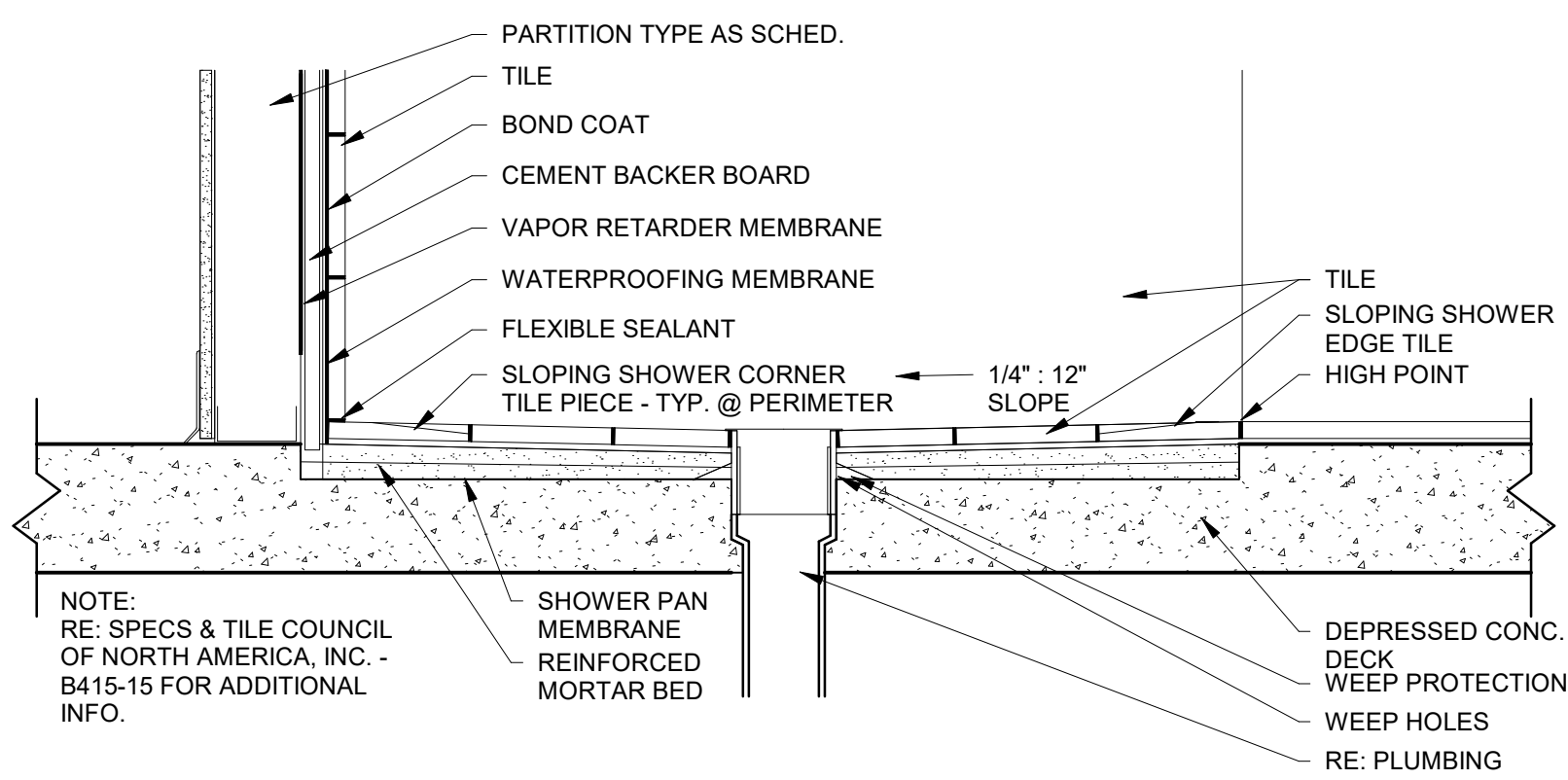




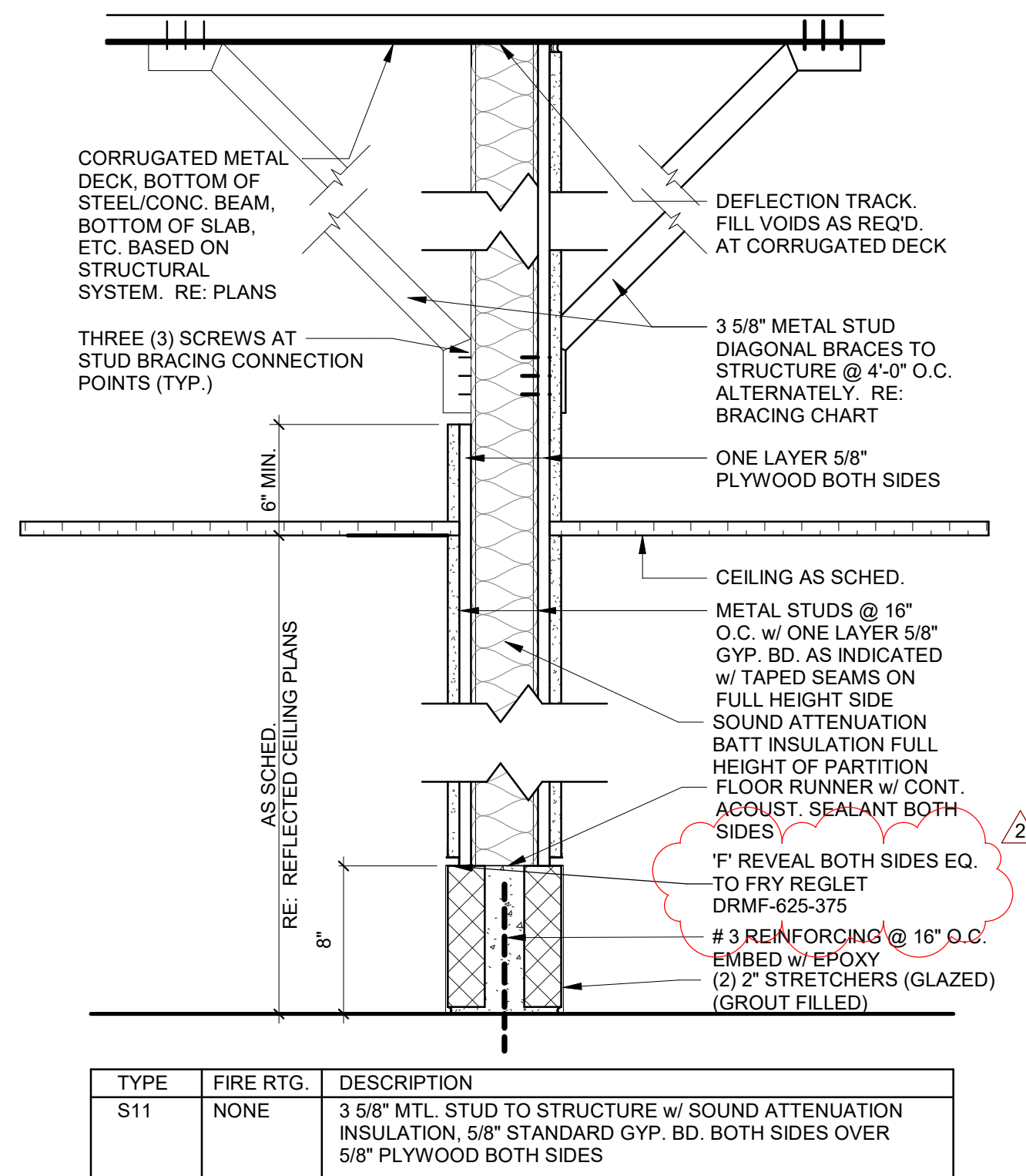




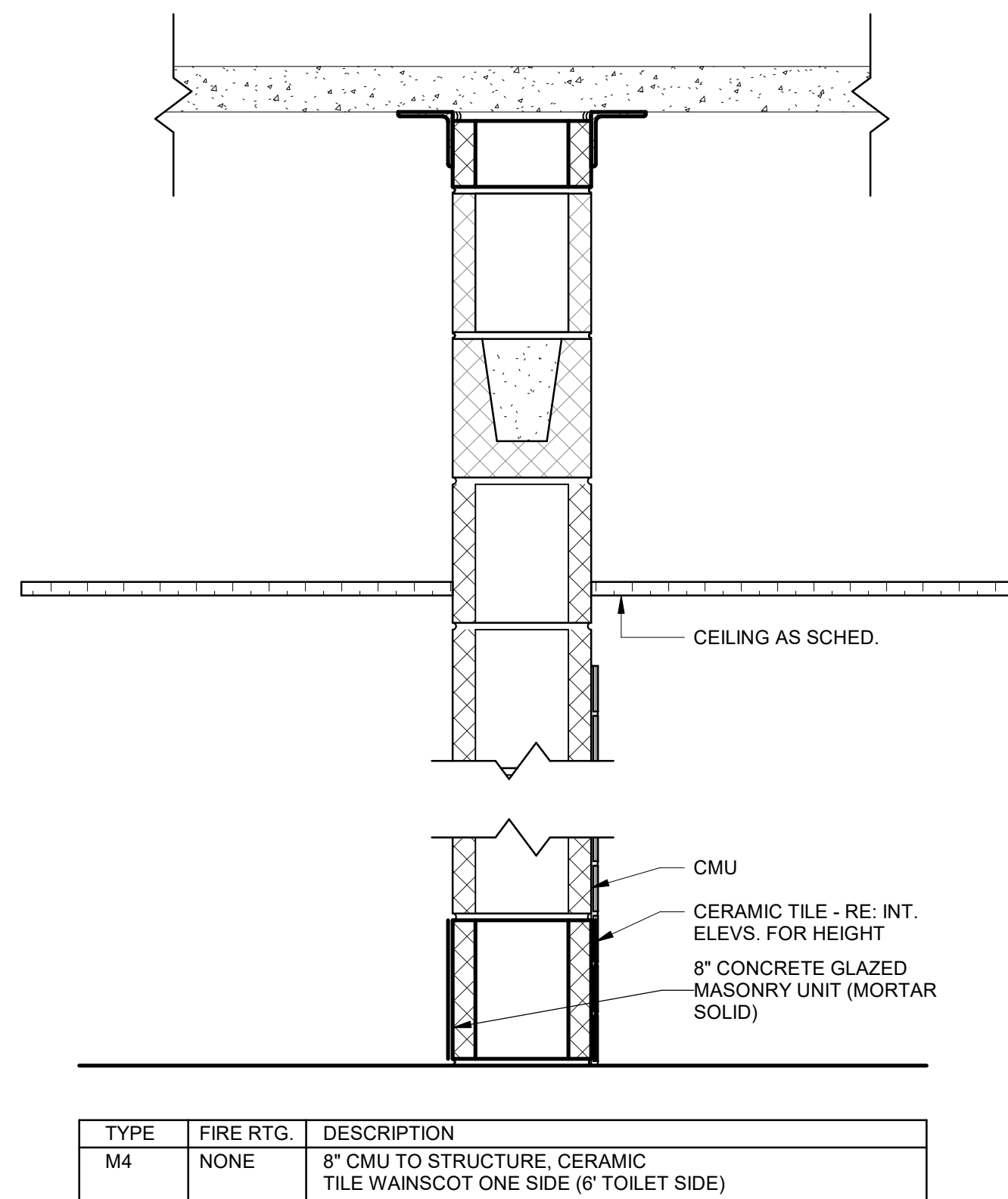
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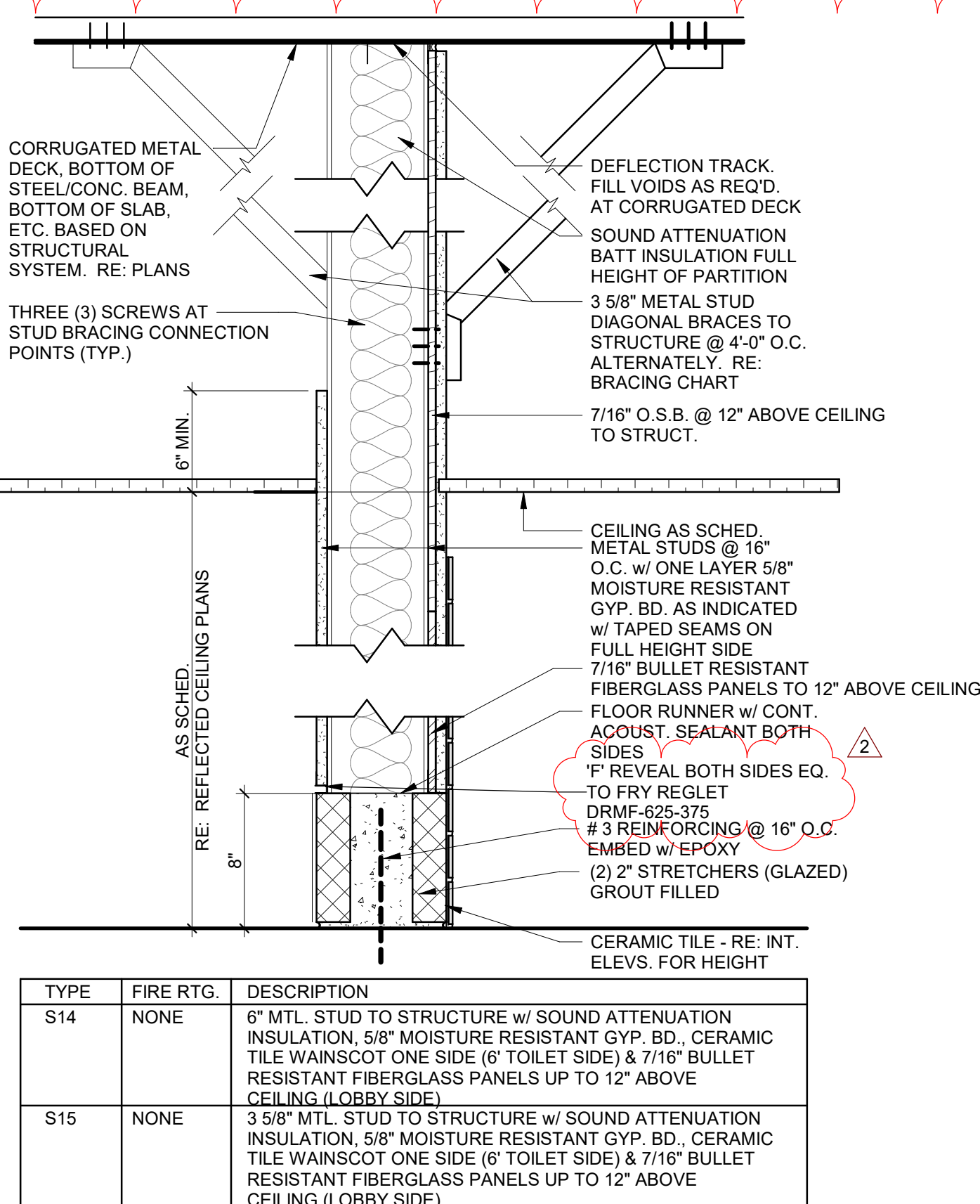
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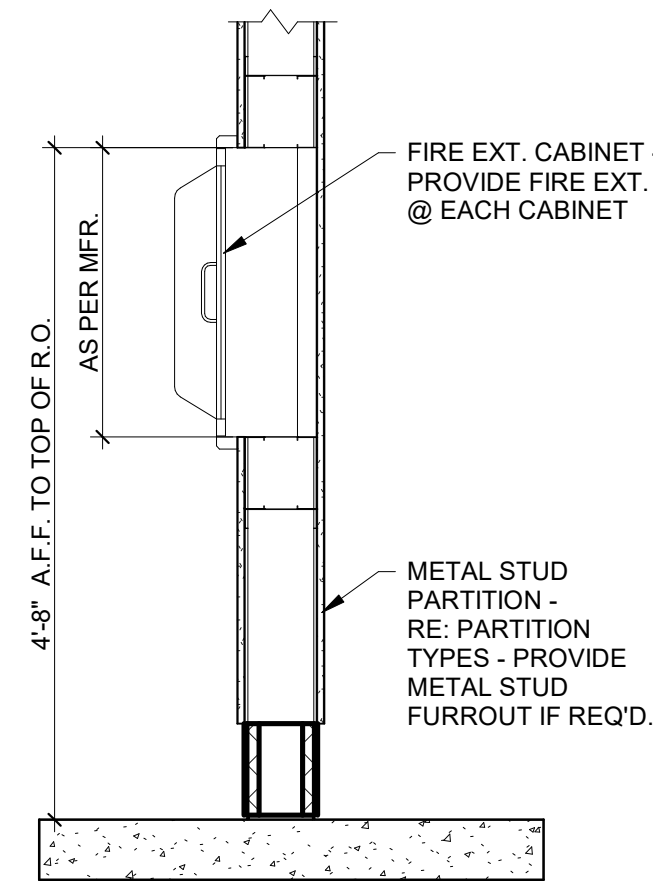
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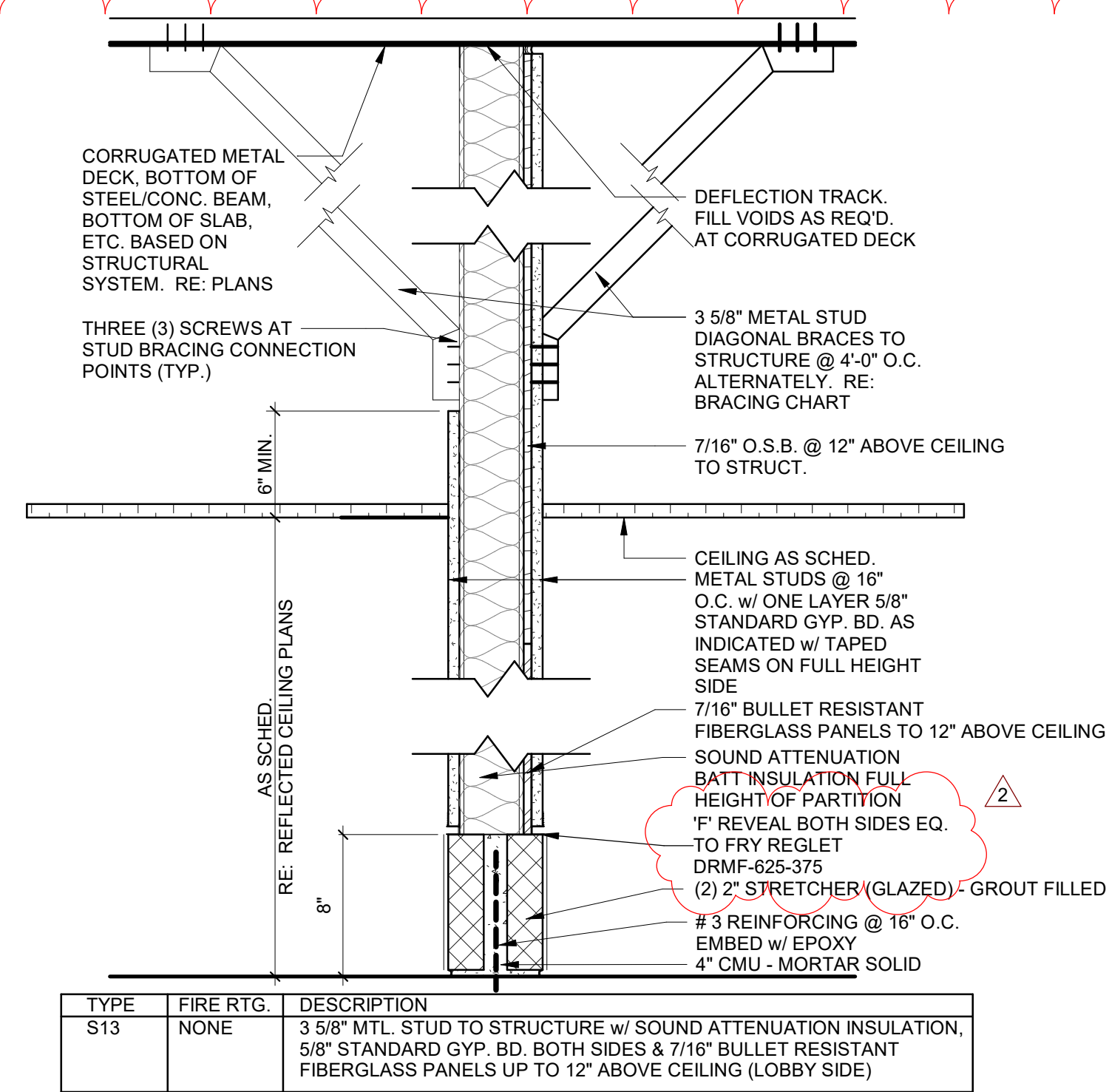
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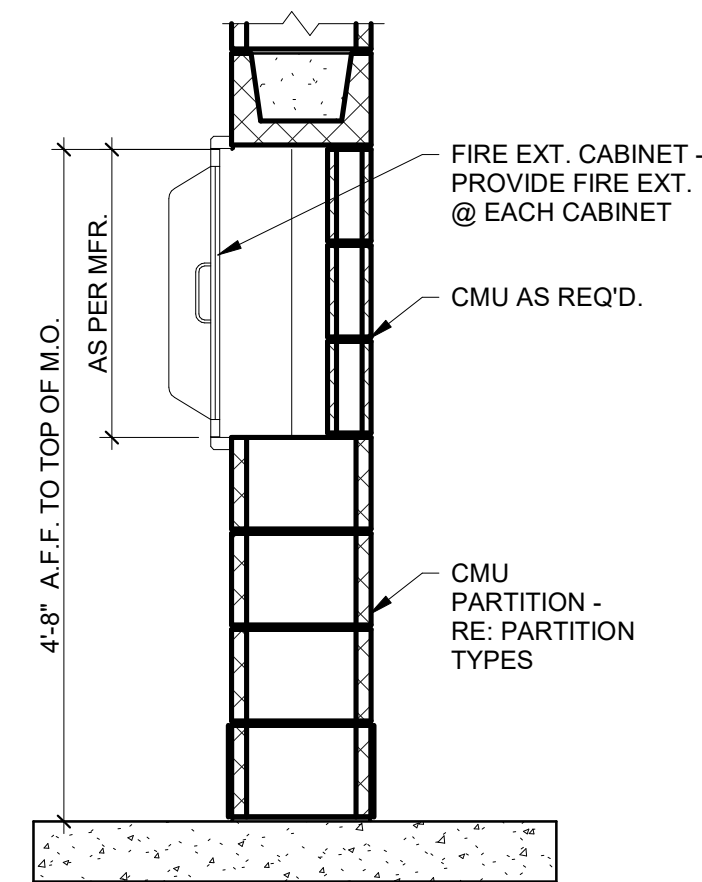
10 'S14', 'S15'  
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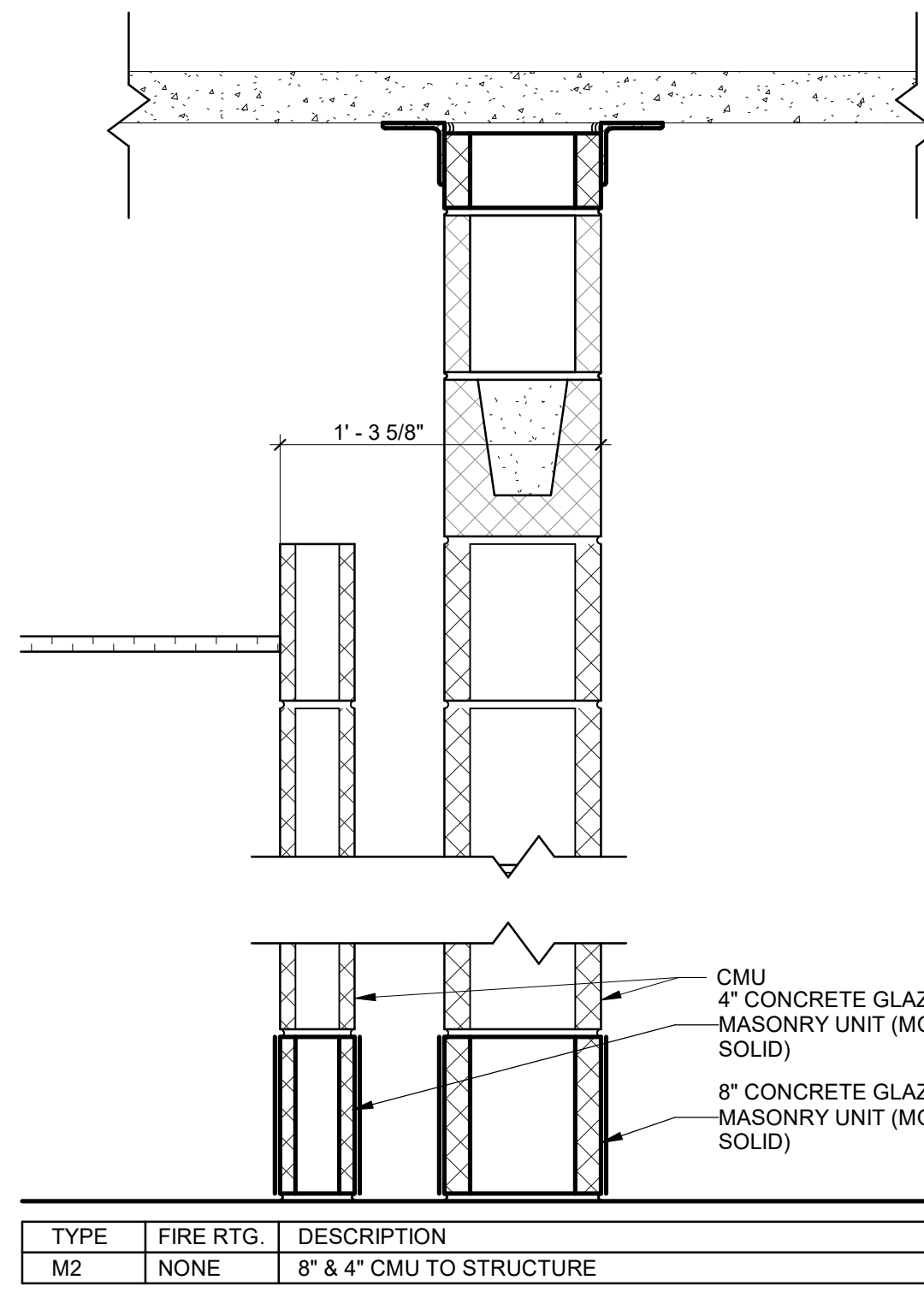
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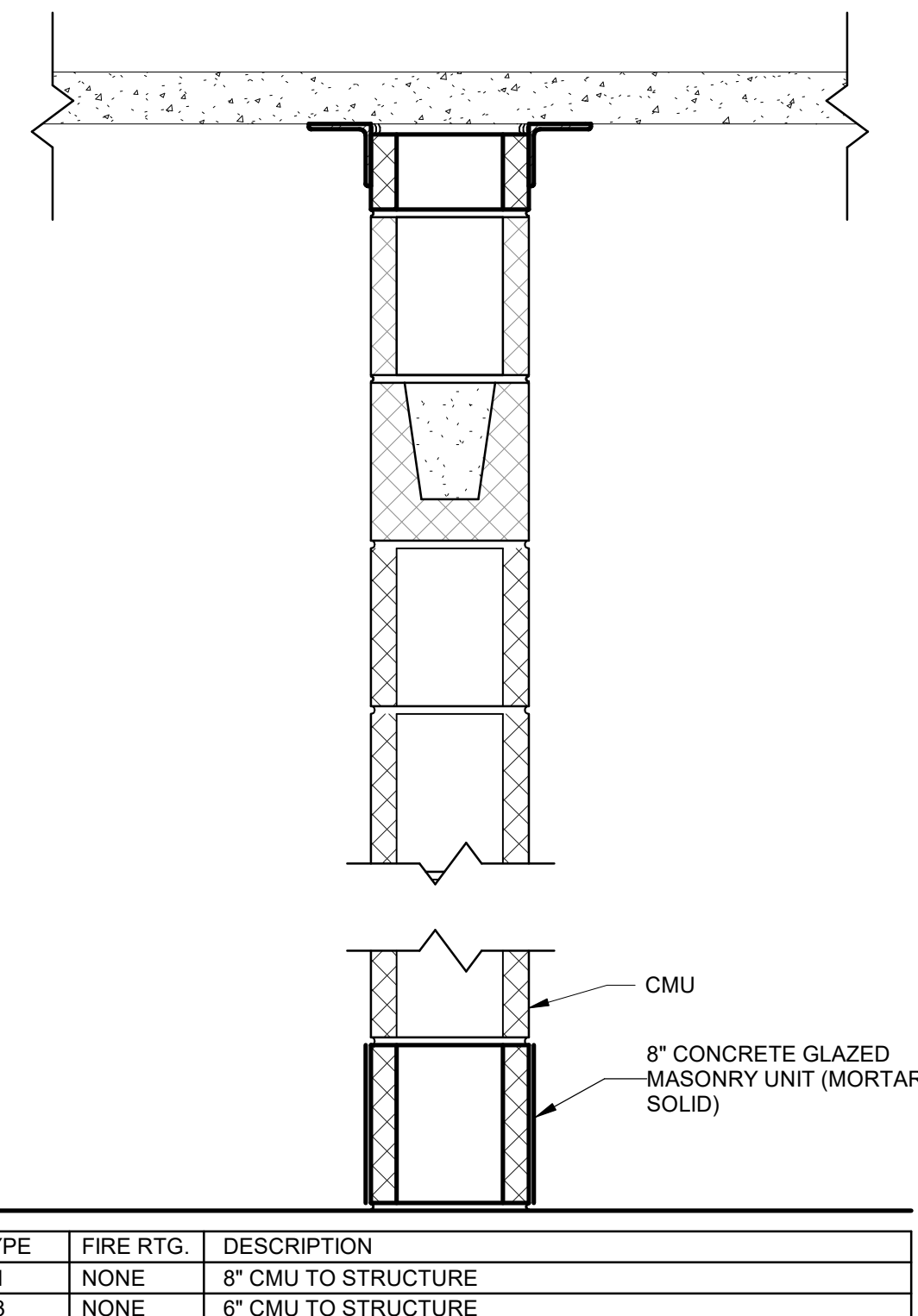
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4 FIRE EXTINGUISHER DETAIL  
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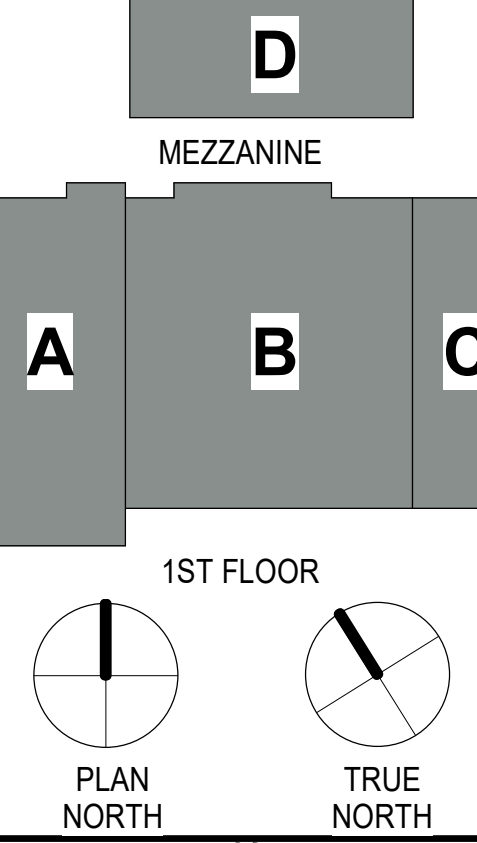
2 'M2'  
SCALE: 1 1/2" = 1'-0"



1 'M1' & 'M3'  
SCALE: 1 1/2" = 1'-0"



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PLAN  
NORTH

TRUE  
NORTH

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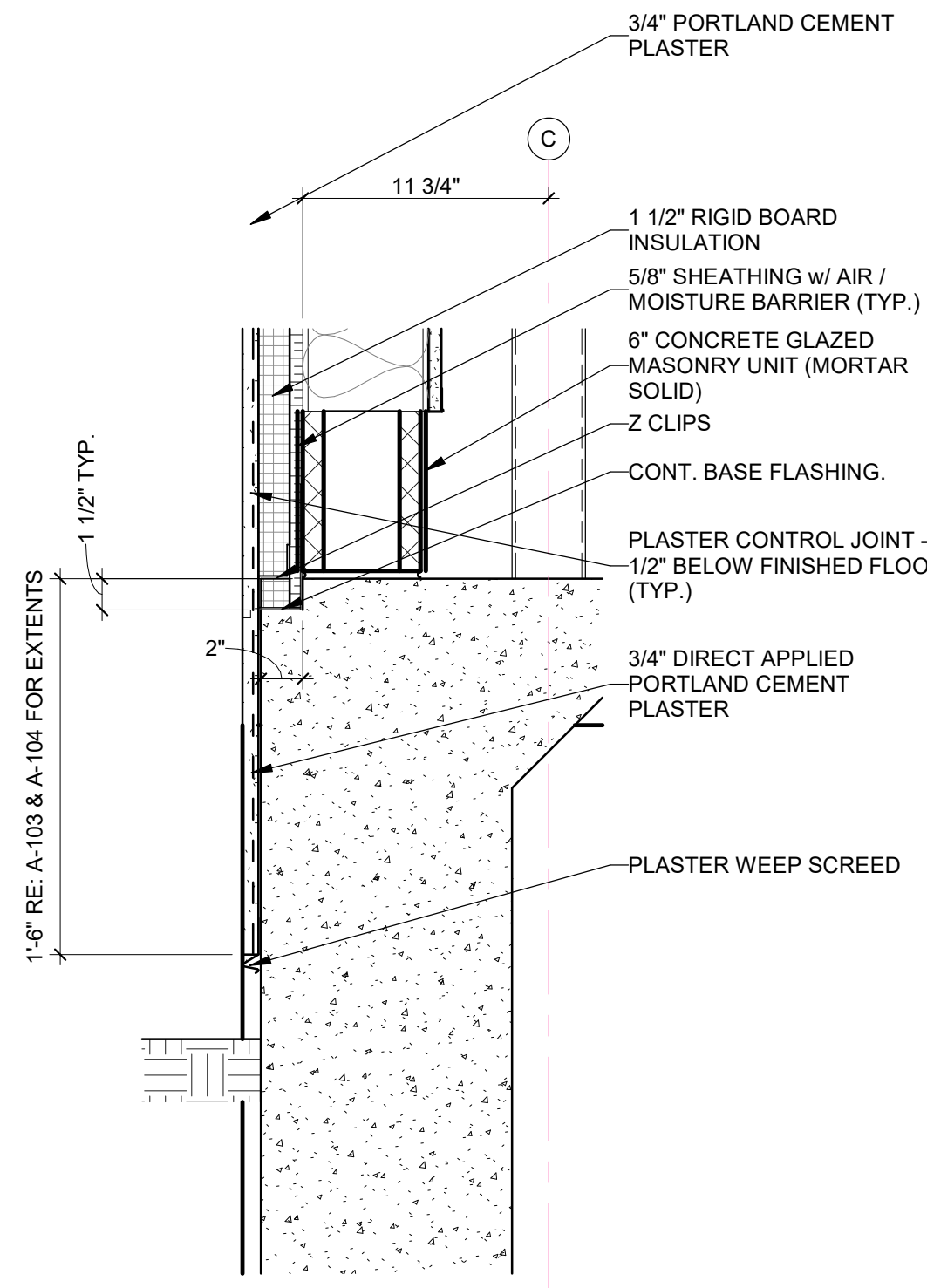
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2	Addenda #2	6-15-23

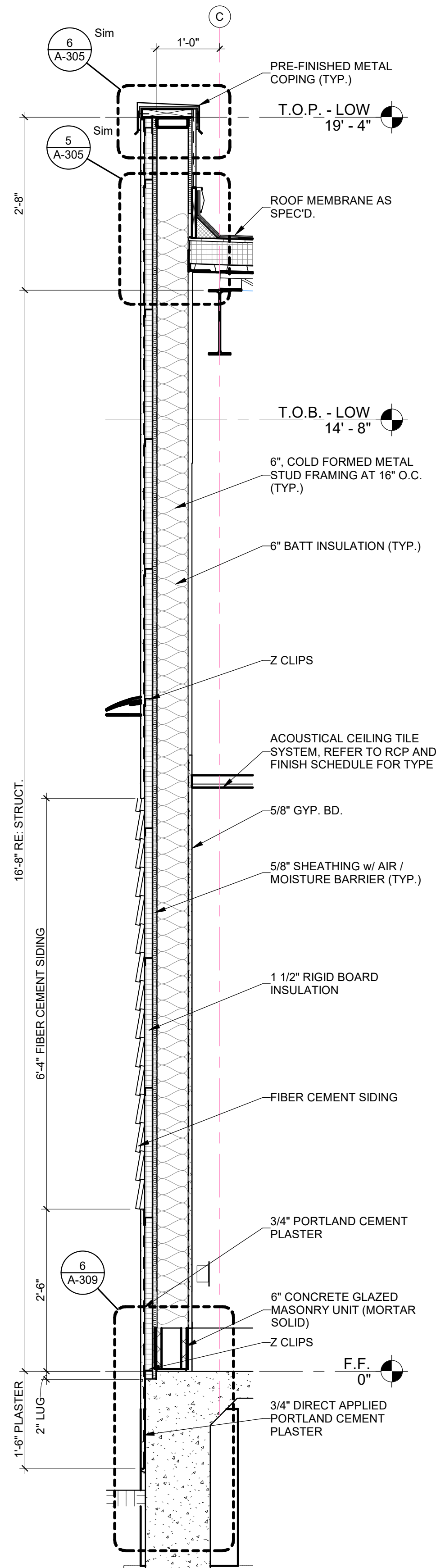
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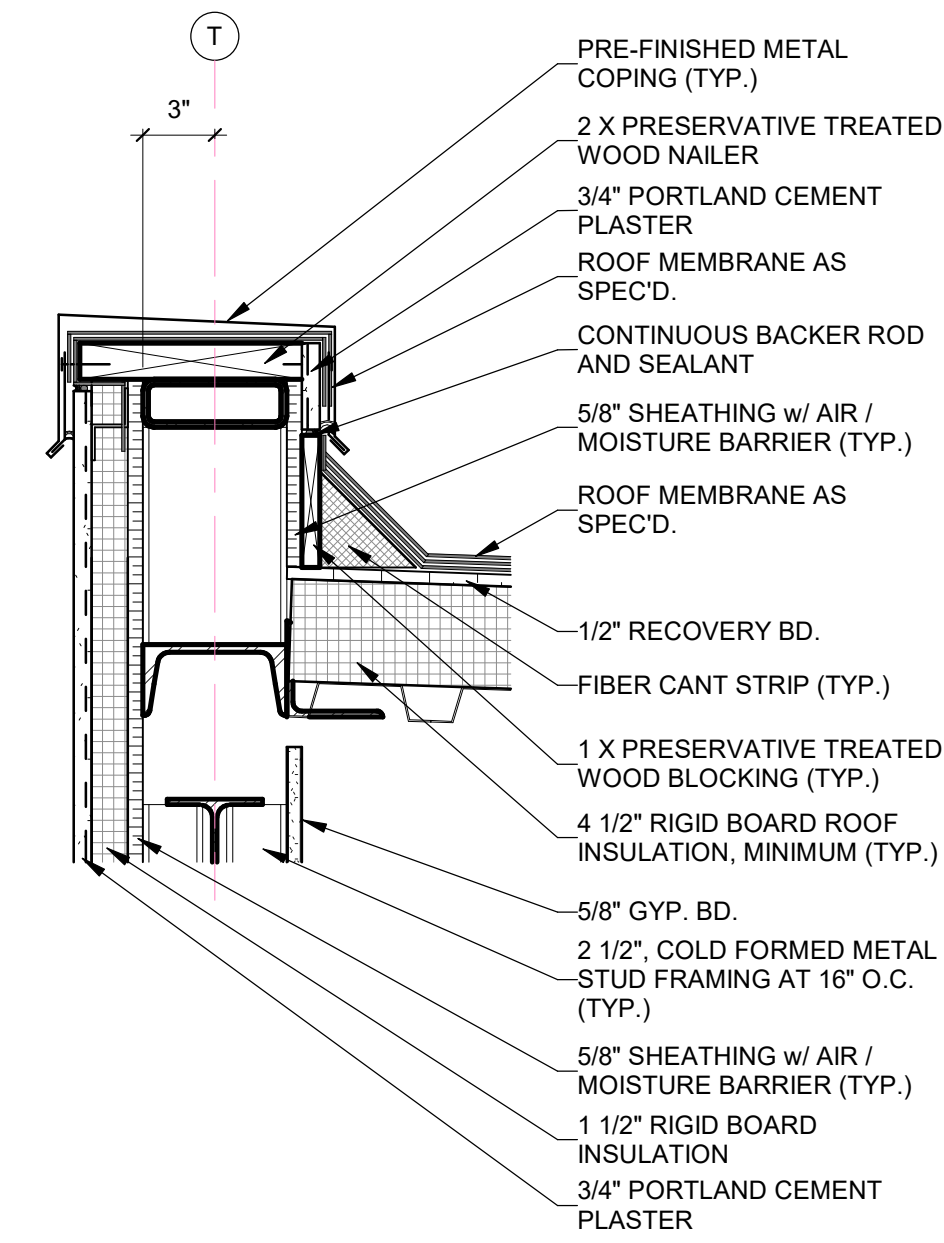
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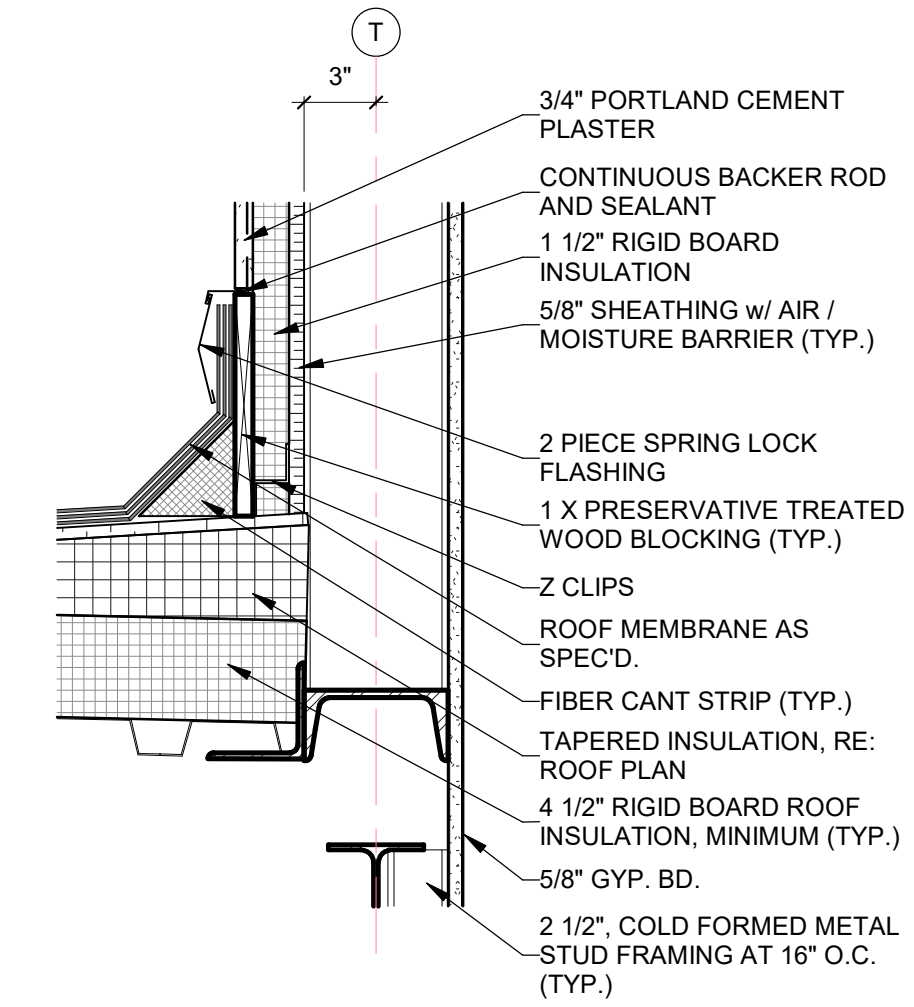
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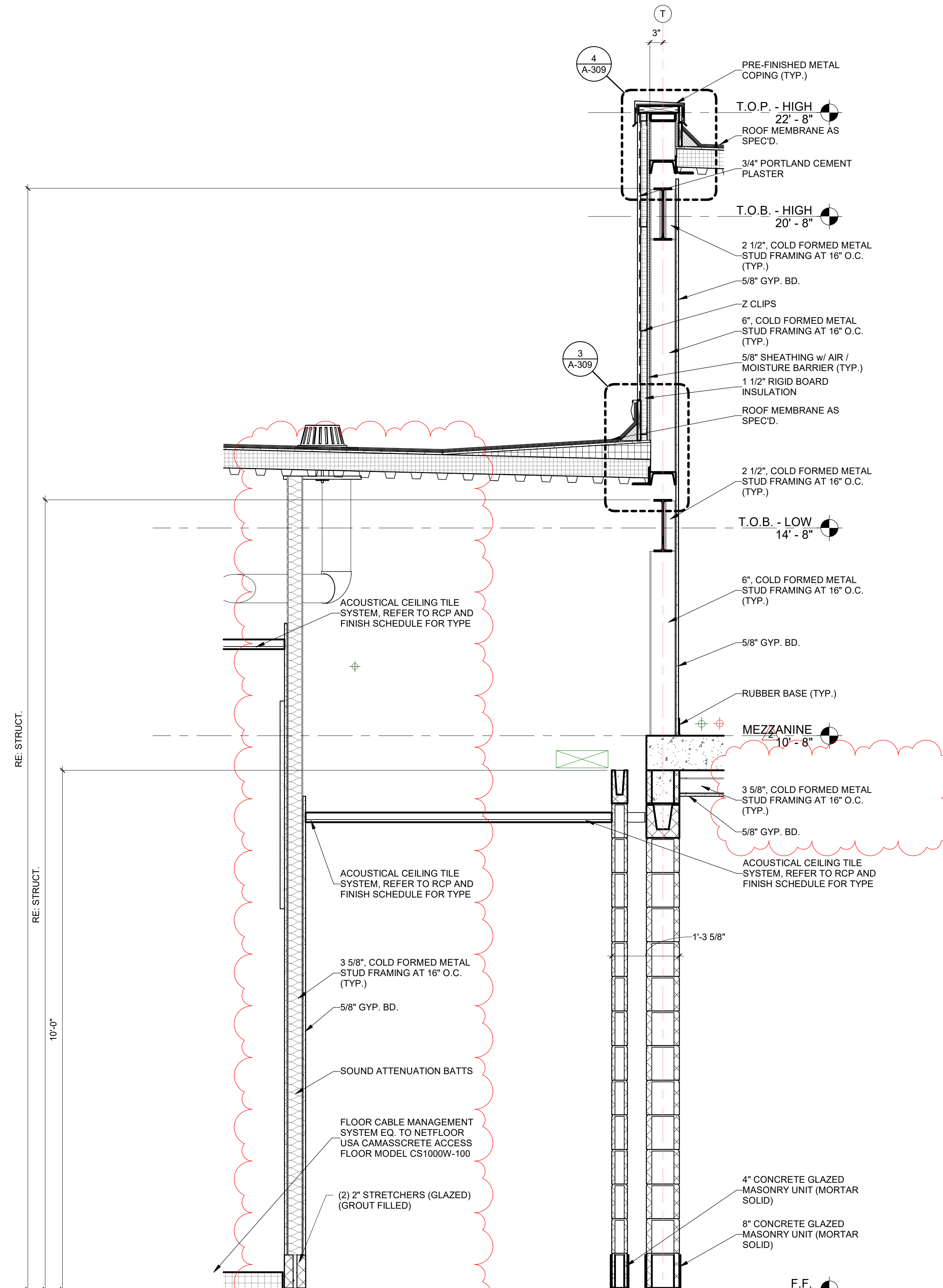
**5 WALL SECTION**  
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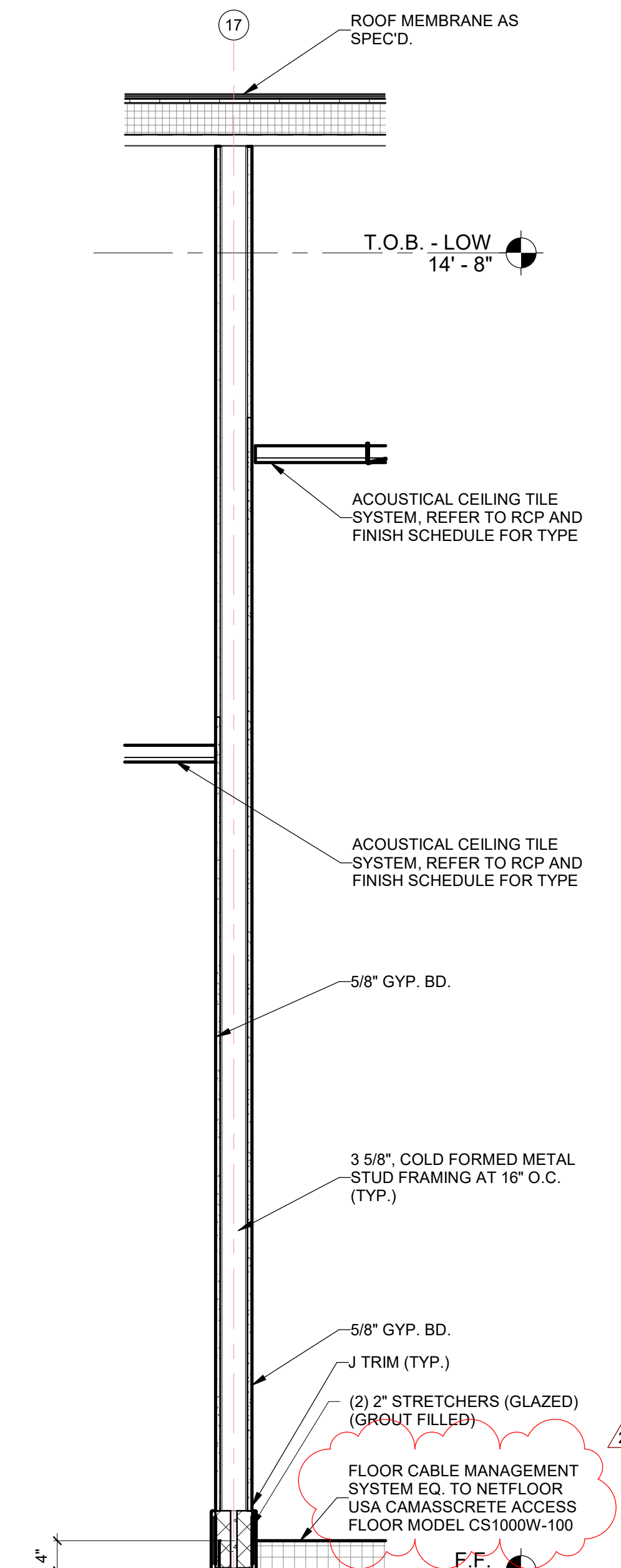
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**3 DETAIL**  
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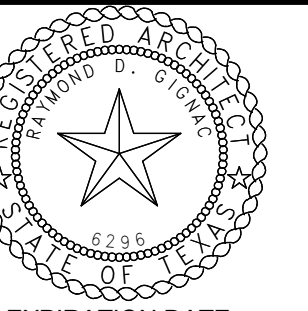
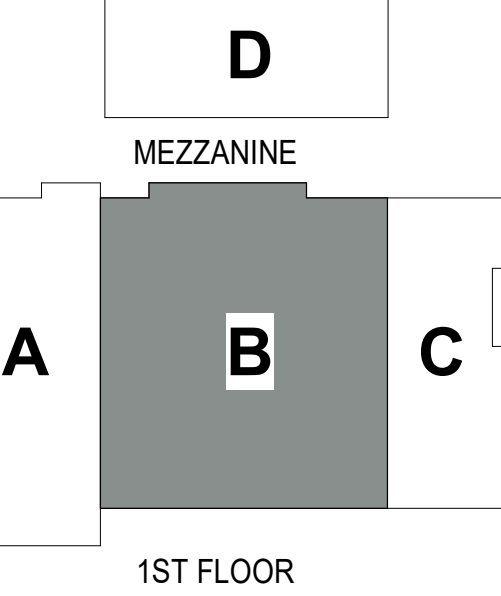
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SCALE: 3/4" = 1'-0"



**1 WEST ELEVATION**  
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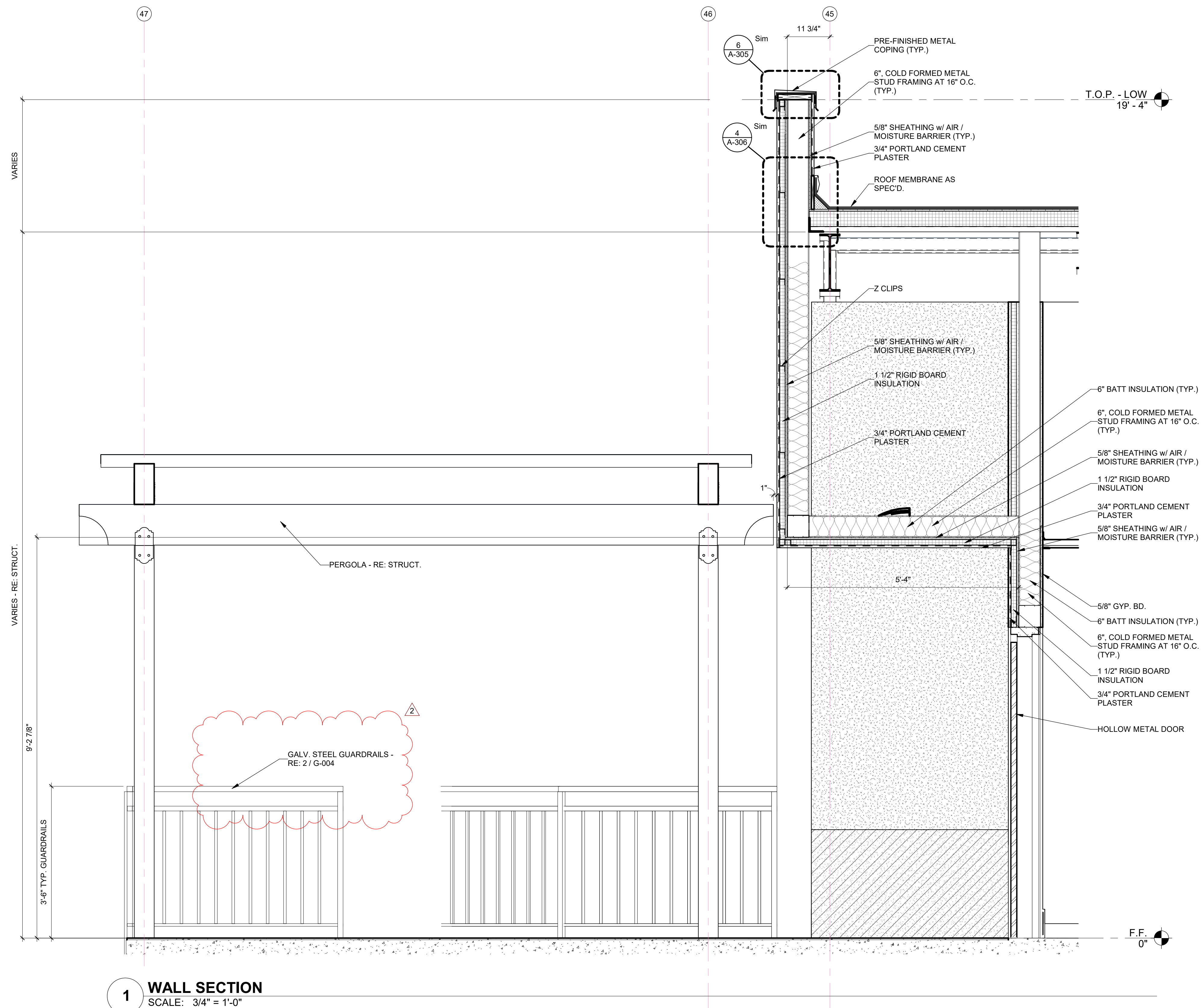
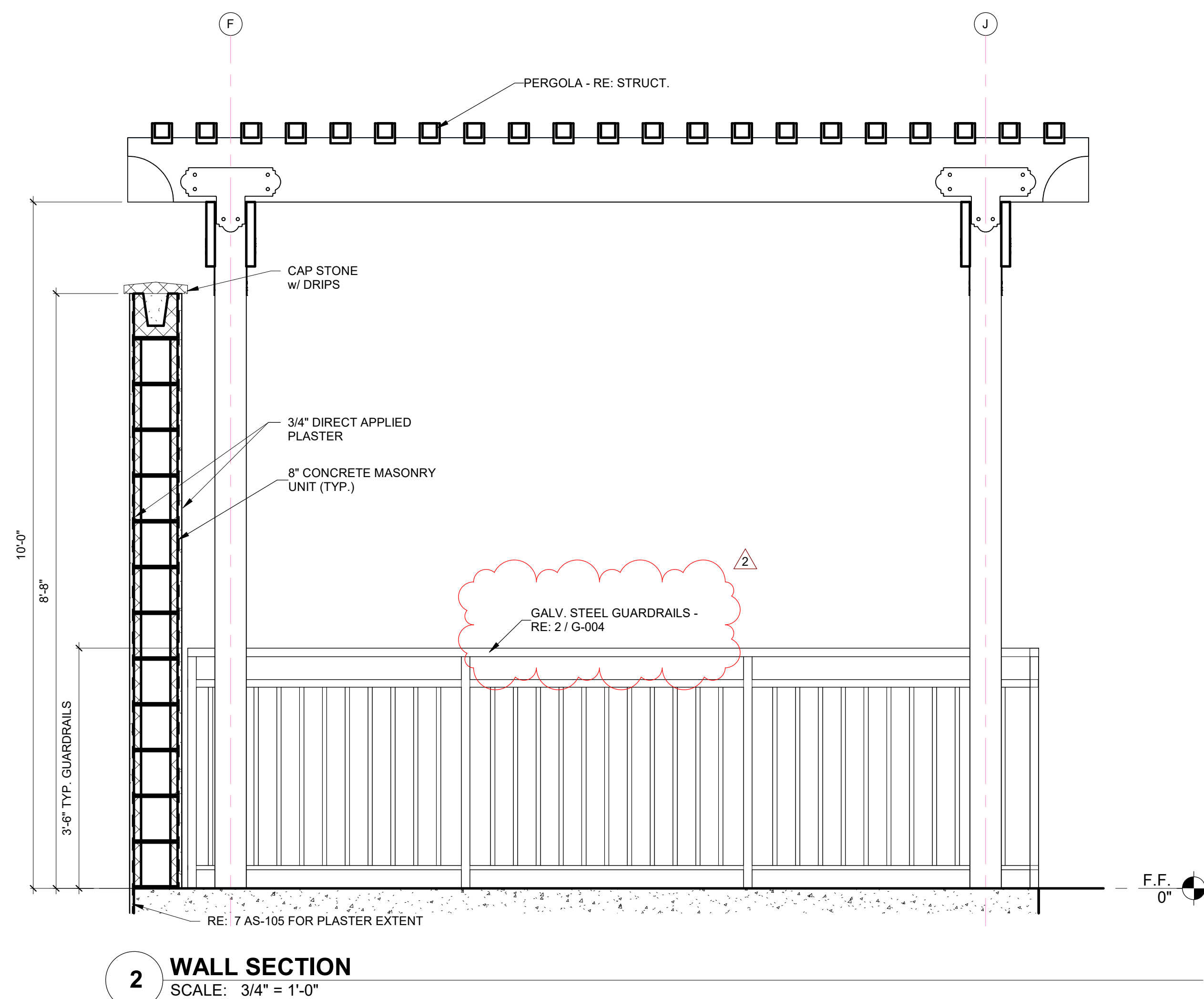
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No.	Description	Date
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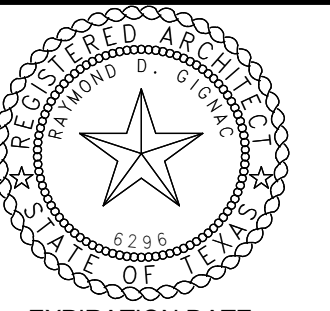
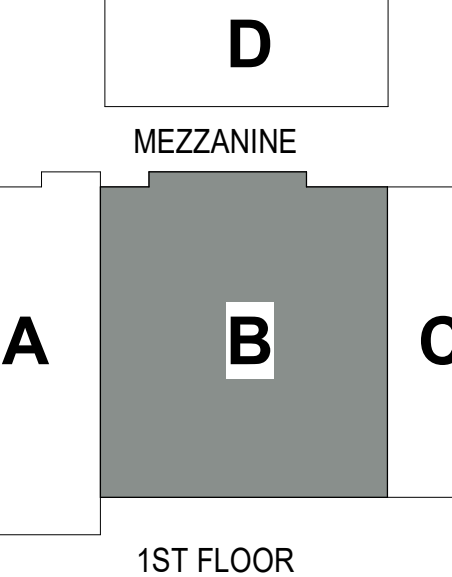
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**WALL SECTIONS**



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TEXAS**



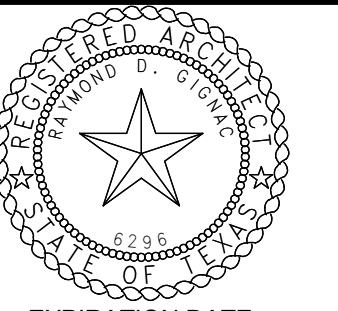
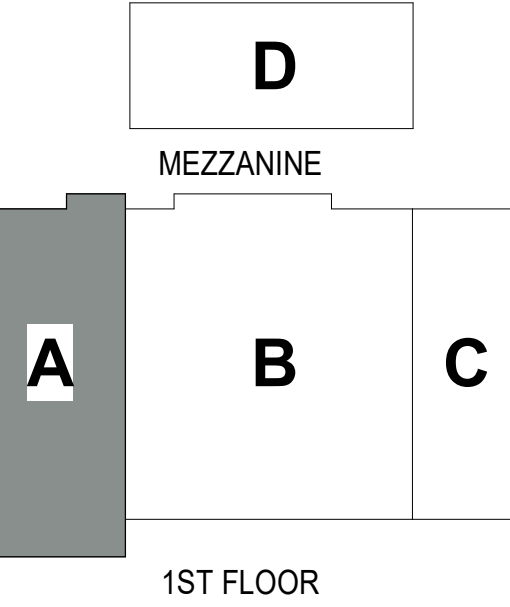
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5/18/23  
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Checked: Checker  
Revisions:  

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5/18/23

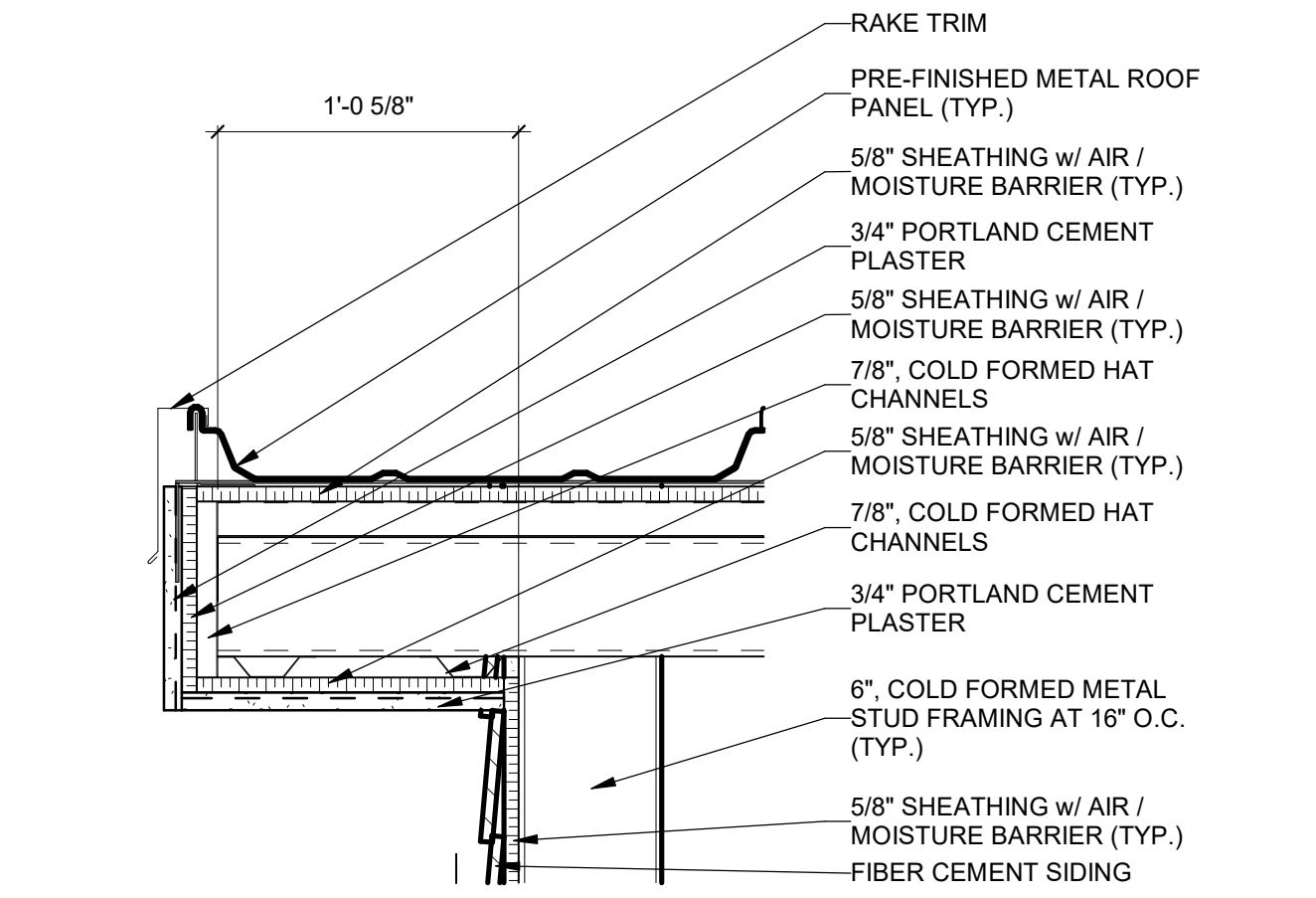
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Drawing Date: 5/18/2023  
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Revisions:

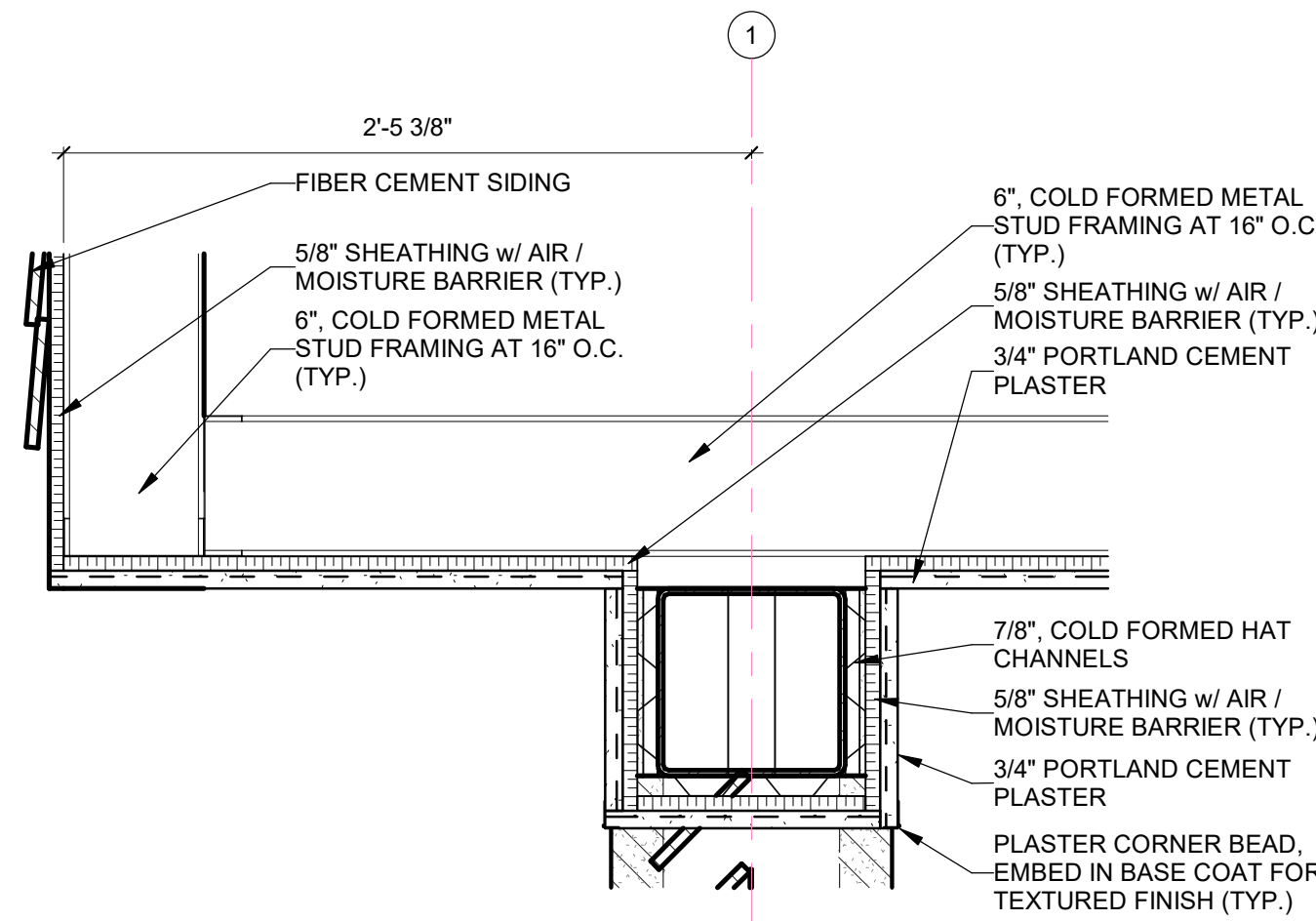
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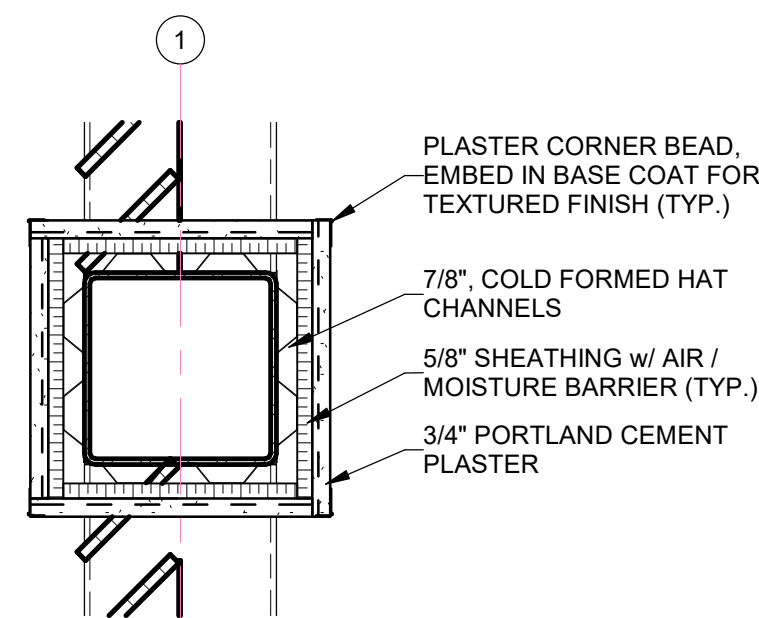
**A-311**



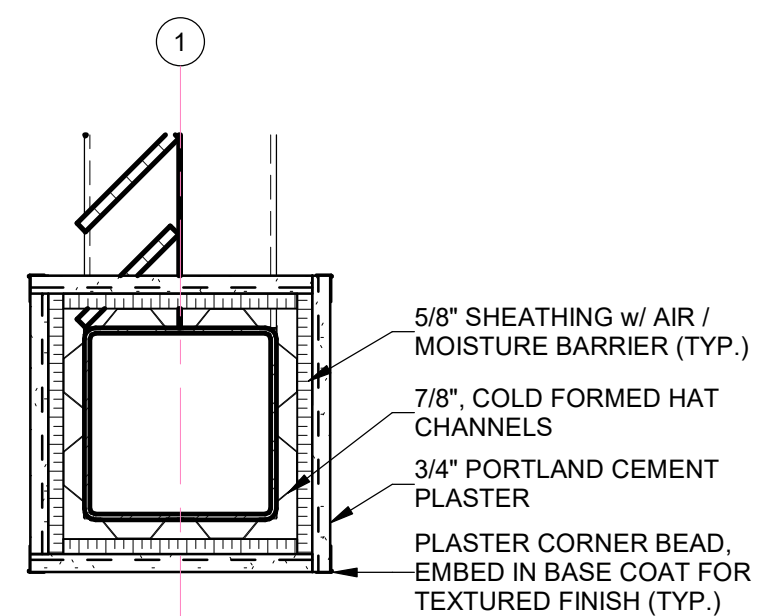
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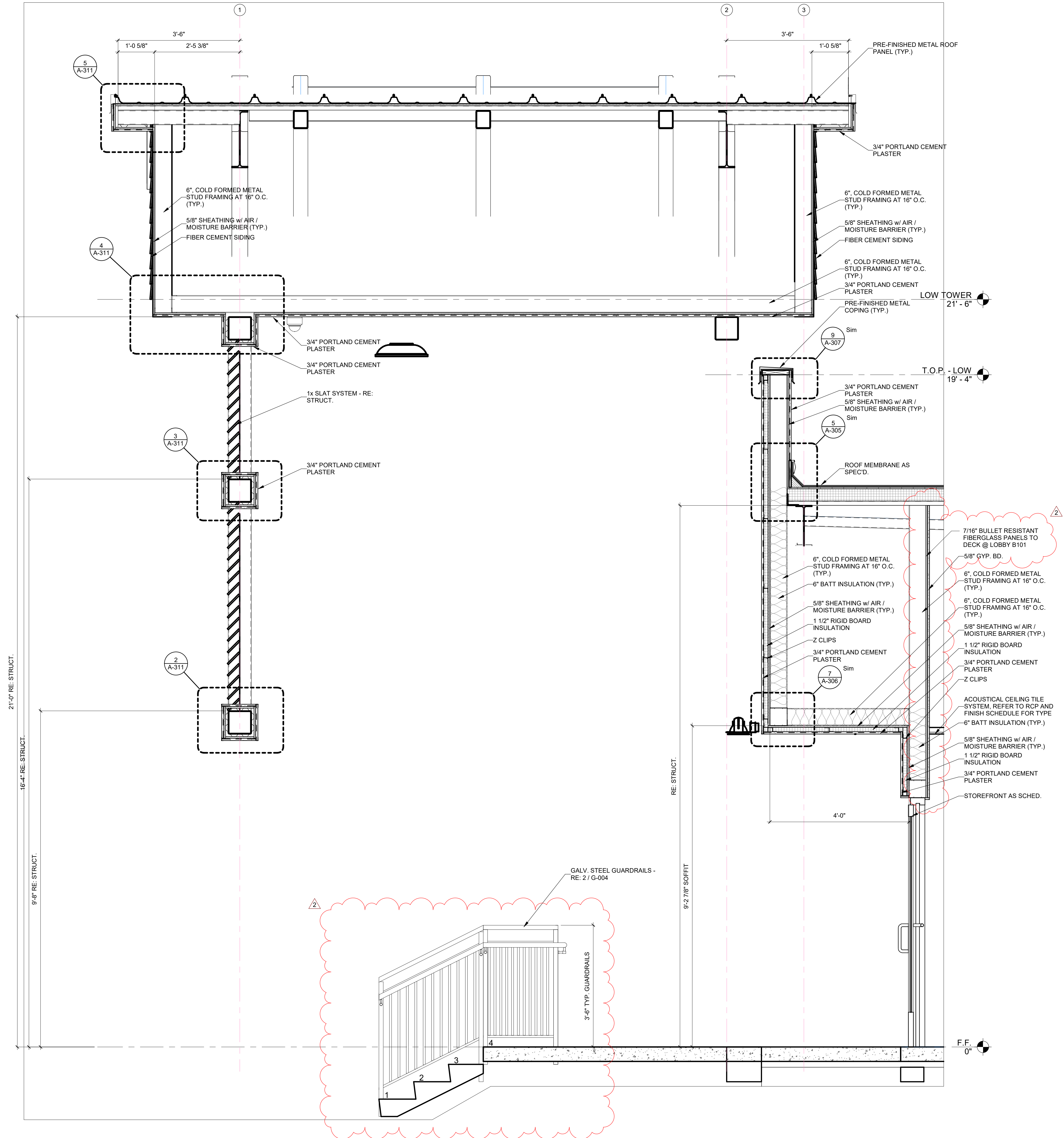
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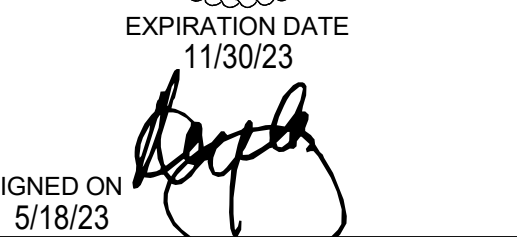


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**1 WALL SECTION**  
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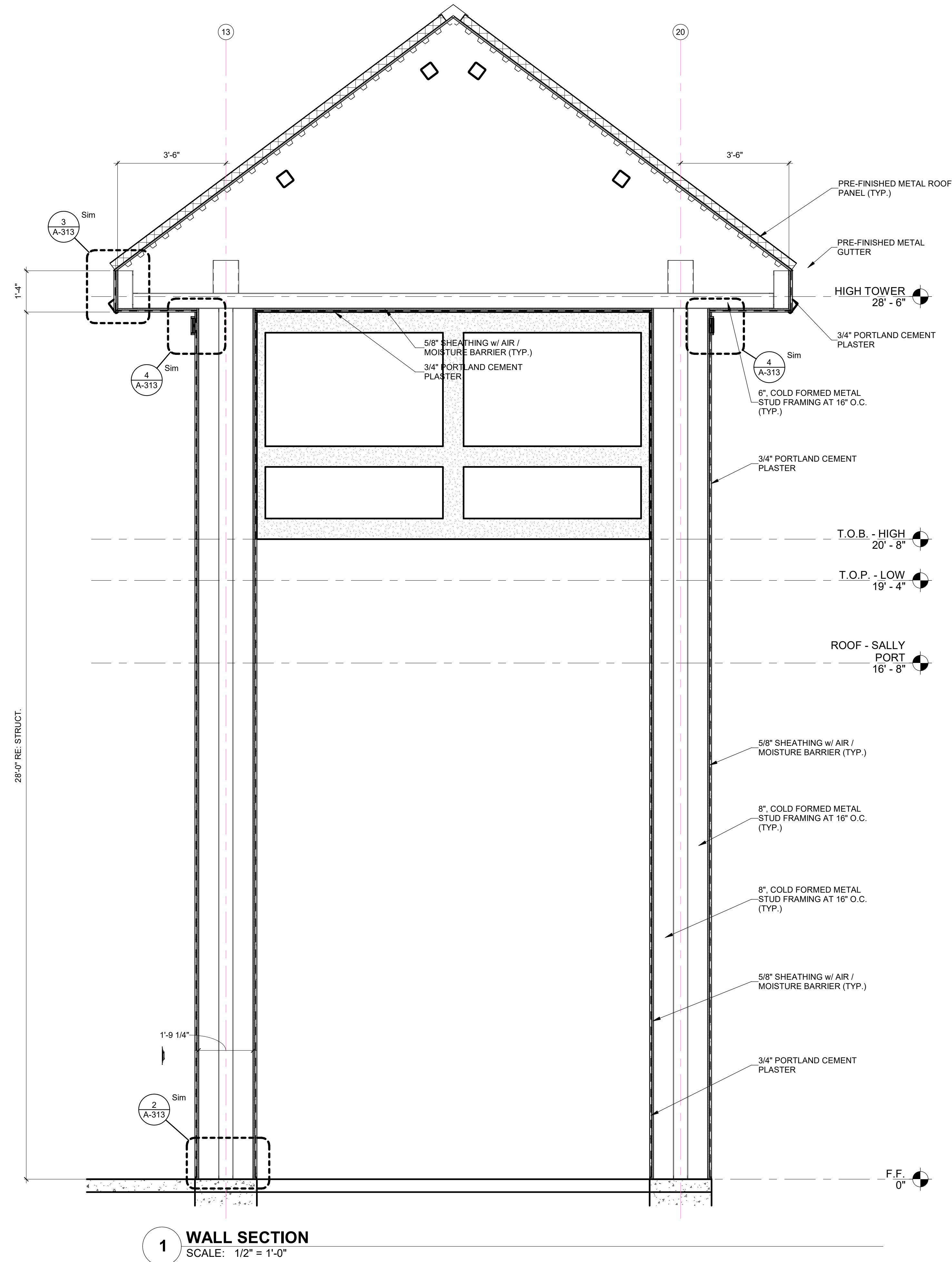
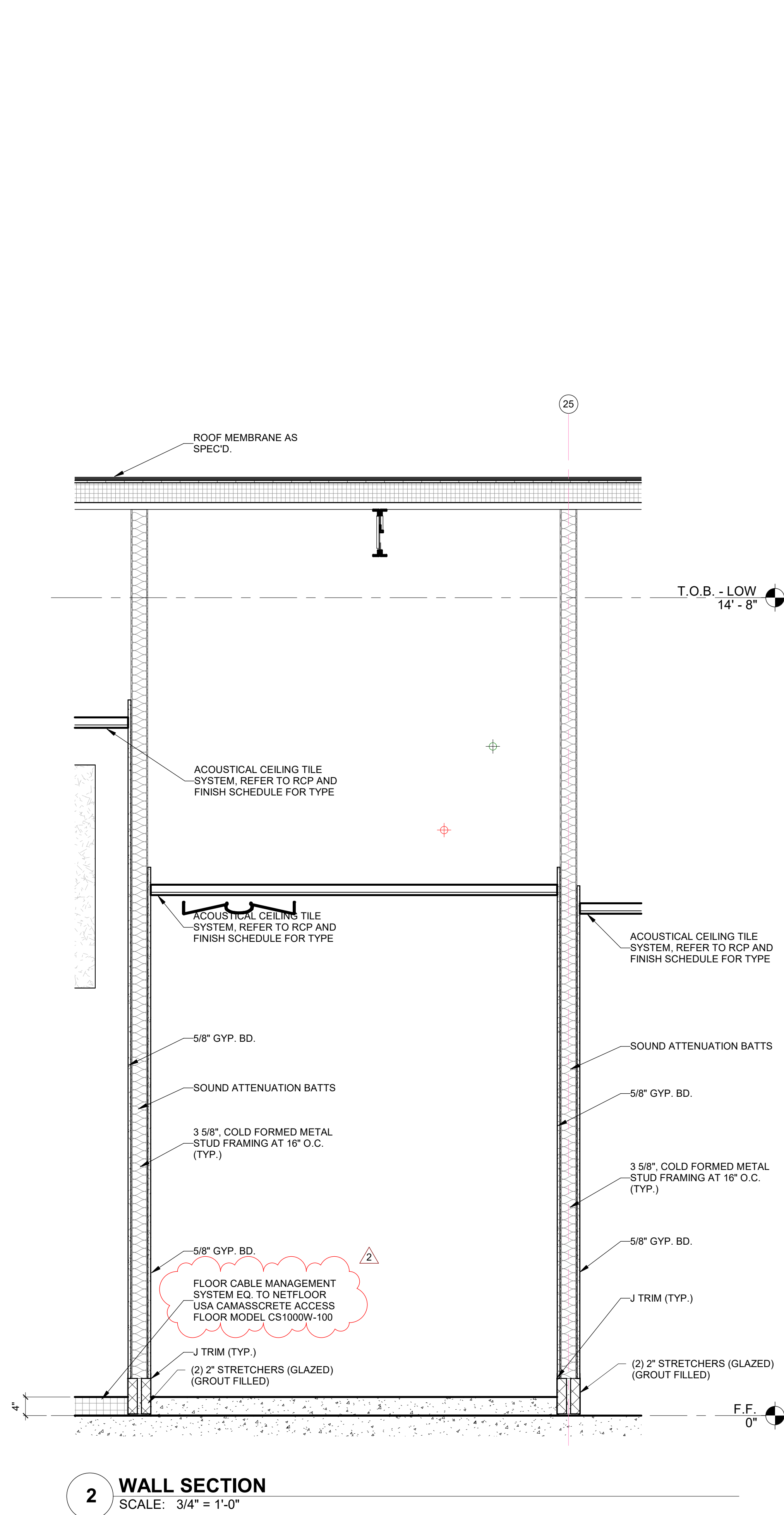


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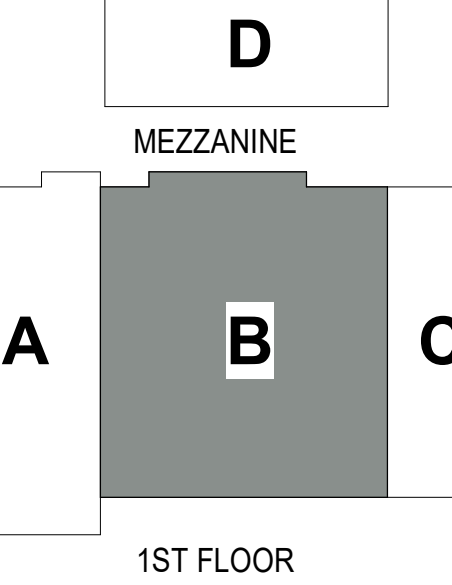




Autodesk Docs/Port Aransas Public Safety Center/18.22 City of Port Aransas Public Safety 2023 R1.rvt  
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CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS



EXPIRATION DATE  
11/30/23  
SIGNED ON  
5/18/23

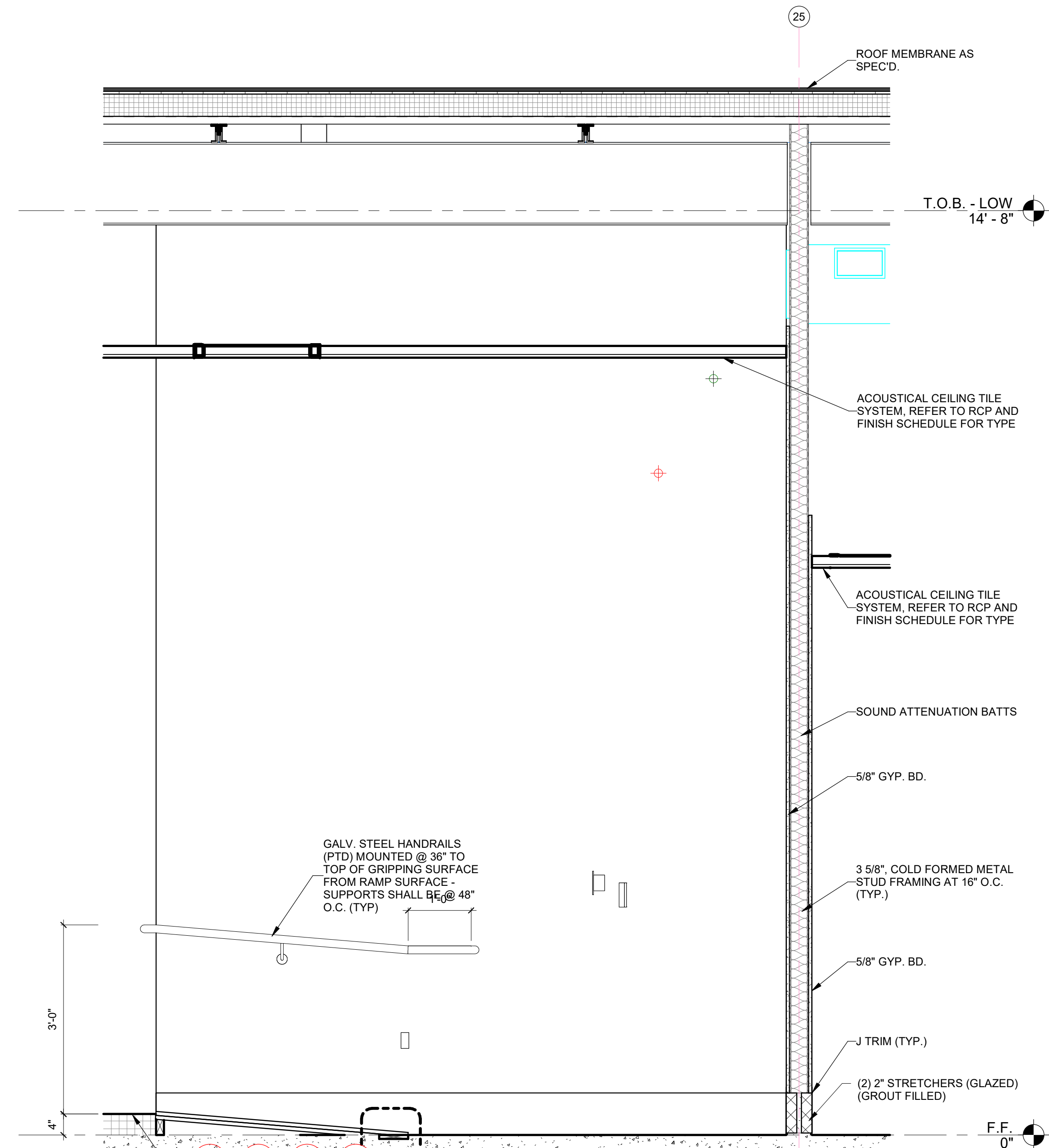
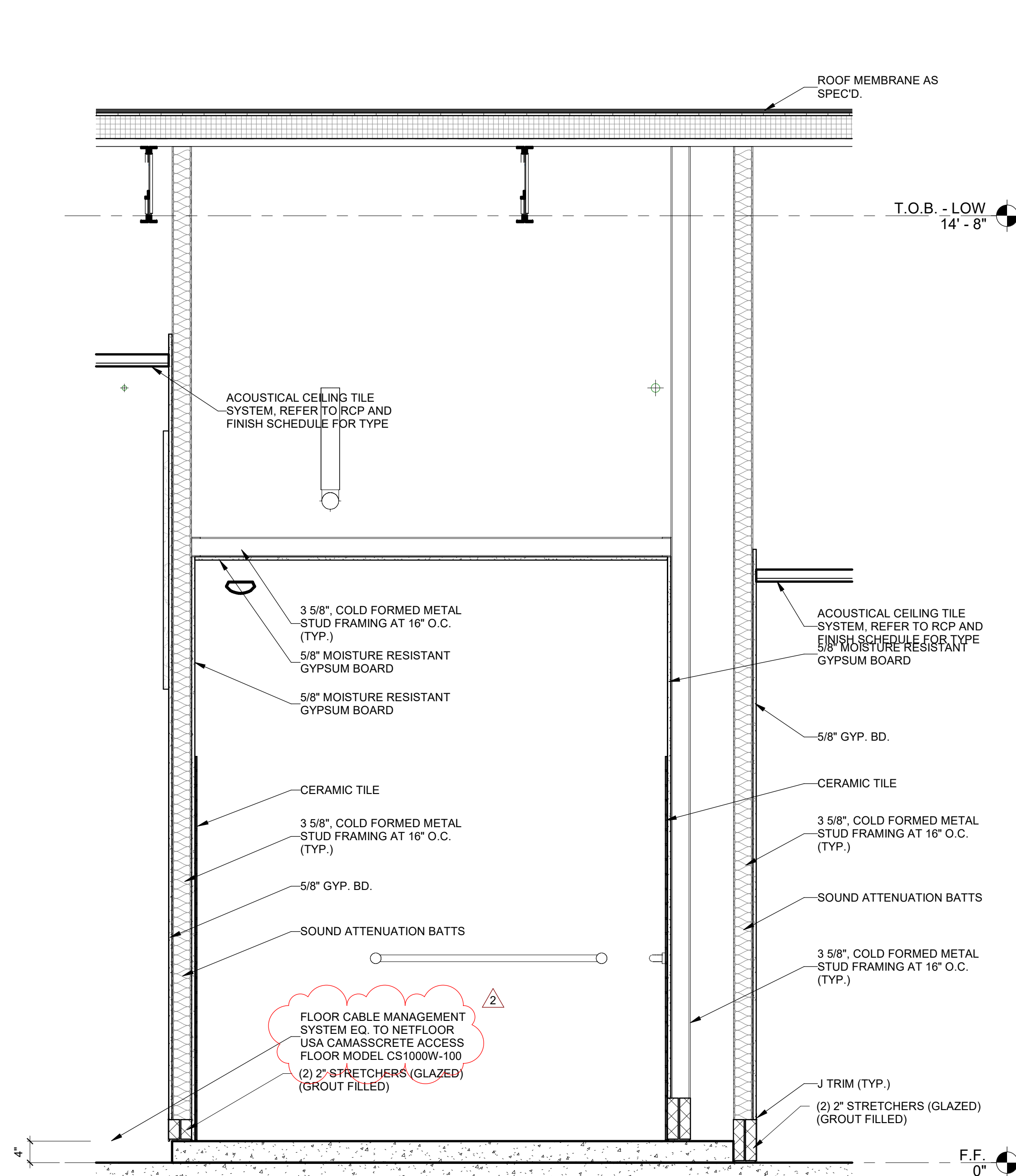
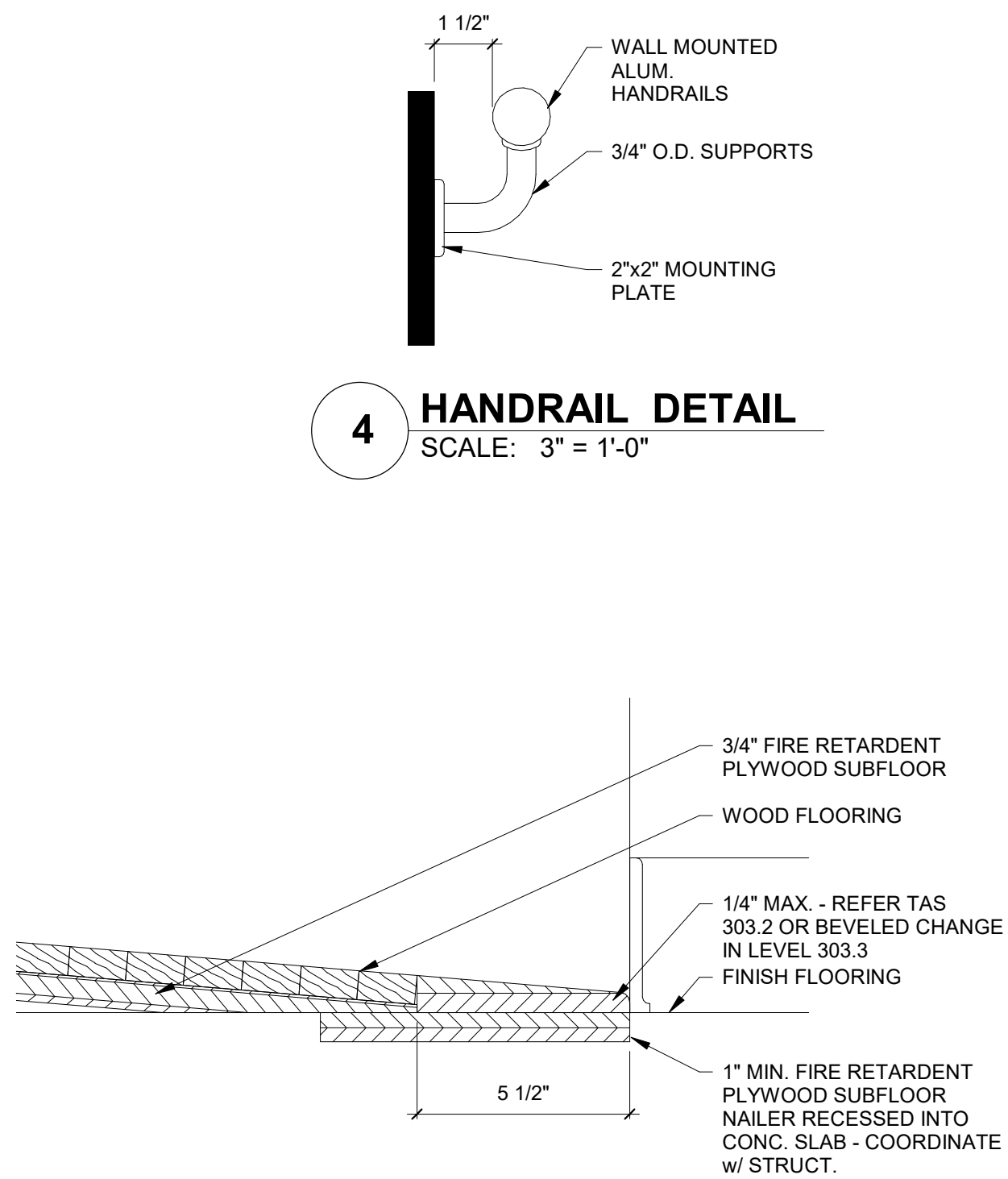
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Drawing Date: 5/18/2023  
Drawn: JJS  
Checked: Checker

No.	Description	Date
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2	Addenda #2	6-15-23

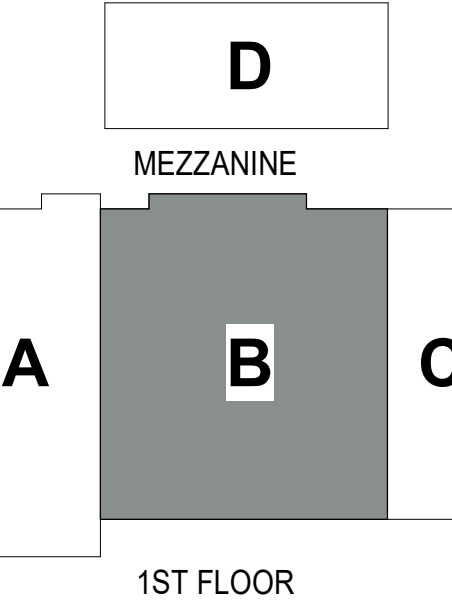
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WALL SECTIONS




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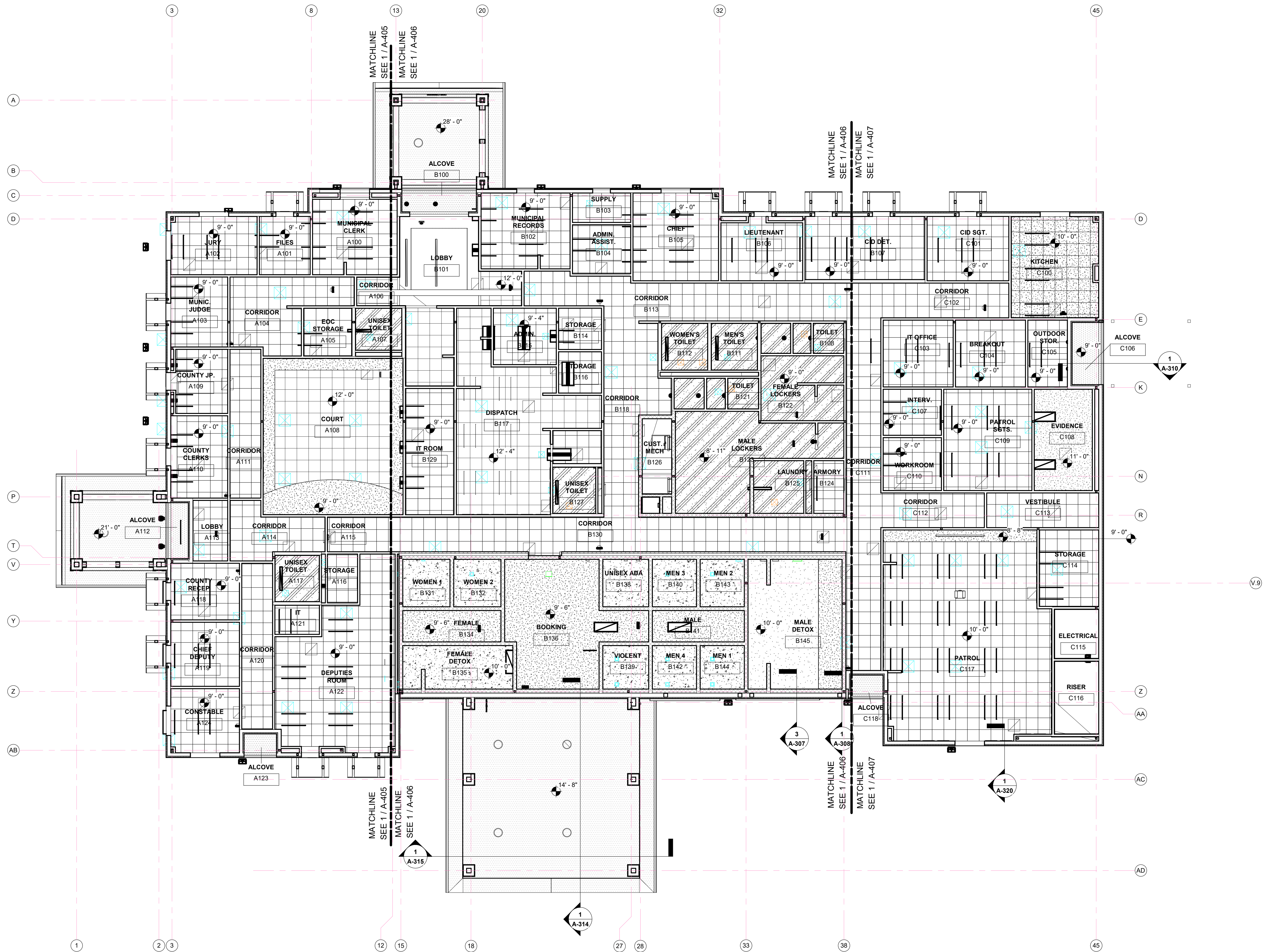
**CITY OF PORT ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**



SIGNED ON	
5/18/23	
	
Project Number:	18
Drawing Date:	5/18/23
Drawn:	
Checked:	Checker
Revisions:	
No.	Description
	Date
Addenda #1	5-31-23
Addenda #2	6-15-23

Sheet Title:  
**WALL SECTIONS**





**OVERALL REFLECTED CEILING PLAN**  
SCALE: 1/8" = 1'-0"

**GENERAL CEILING NOTES**

1. ALL CEILING AND SOFFIT HEIGHTS ARE GIVEN ABOVE THEIR RESPECTIVE FINISHED FLOOR ELEVATIONS (EL. 0'-0").
2. GENERALLY ONLY CEILING MOUNTED FIXTURES ARE SHOWN ON THIS PLAN. COORDINATE WITH MEP PLANS FOR ADDITIONAL INFORMATION. SPRINKLER HEADS TO BE CENTERED ON CEILING TILE, TYP.
3. SOME OR ALL SPRINKLERS MAY NOT BE SHOWN ON THIS PLAN. COORDINATE WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION. SPRINKLER HEADS TO BE CENTERED ON CEILING TILE, TYP.
4. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEP DRAWINGS. COORDINATE LOCATIONS OF PANELS WITH ARCHITECT PRIOR TO INSTALLATION. ACCESS PANEL FIRE RATINGS MUST MATCH CEILING ASSEMBLY FIRE RATINGS.
5. LIGHTING FIXTURES TO BE CENTERED AND SPACED EQUALLY UNLESS NOTED OTHERWISE.
6. LIGHT FIXTURES ARE SHOWN FOR DIMENSIONAL PURPOSES ONLY. COORDINATE WITH ELECTRICAL DRAWINGS FOR FIXTURE DESIGNATIONS.
7. IF PROJECT INCLUDES FIRE RATED CEILINGS, LIGHT FIXTURES LOCATED IN RATED CEILING ASSEMBLIES ARE TO BE TENTED OR OTHERWISE RATED TO MATCH THE CEILING.
8. CEILING MOUNTED PROJECTOR LOCATION SHALL BE MOUNTED AS PER MFR'S RECOMMENDATIONS & SUPPORTS AS PER MFR'S RECOMMENDATIONS.
9. MOTORIZED PROJECTION SCREEN SHALL BE MOUNTED AS PER MFR'S RECOMMENDATIONS & SUPPORTS AS PER MFR'S RECOMMENDATIONS.

**CEILING LEGEND:**

- 2x2 SUSPENDED LAY-IN CEILING
- 5/8" GYPSUM BOARD CEILING OVER 3 5/8" METAL STUDS @ 16" O.C.
- 5/8" MOISTURE RESISTANT GYPSUM BOARD CEILING OVER 3 5/8" METAL STUDS @ 16" O.C.
- CEMENT PLASTER SOFFIT (CP-1)
- ALL EXPOSED UNDERSIDE SHALL BE AN ARCHITECTURAL CONCRETE FINISH (RUBBED) - ALL UNDERSIDE OF CONCRETE DECK SHALL BE PAINTED - COLOR AS SELECTED BY ARCHITECT
- NON-PERFORATED CEILING

**CONSULTANTS**

**CIVIL:**  
URBAN ENGINEERING  
2725 SWANTNER  
CORPUS CHRISTI, TEXAS 78404  
T 361.854.3101

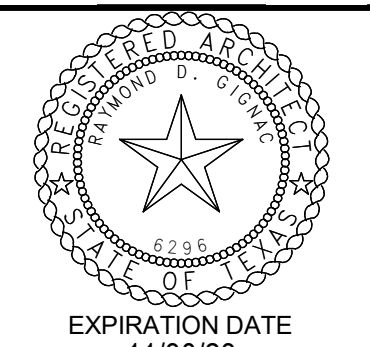
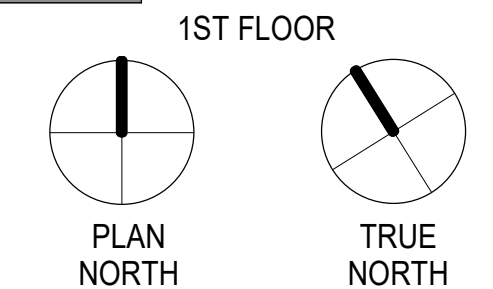
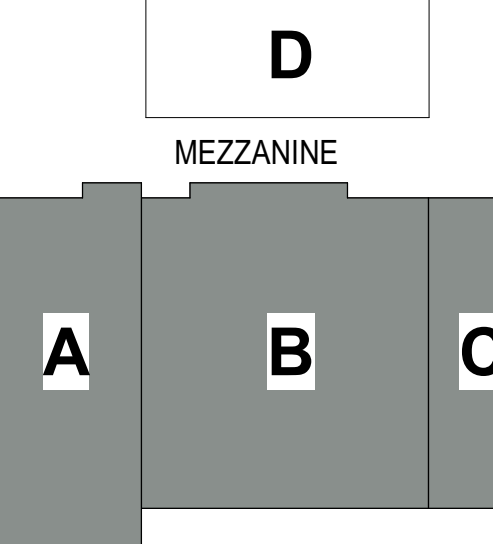
**STRUCTURAL:**  
GREEN, RUBIANO & ASSOCIATES  
1220 W. HARRISON AVE.  
HARLINGEN, TEXAS 78550  
T 956.428.4461

**MEP:**  
MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

**LANDSCAPE / IRRIGATION:**  
ADLA, INC.  
4833 SARATOGA BLVD., #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



**CITY OF PORT ARANSAS  
PUBLIC SAFETY CENTER  
PORT ARANSAS,  
TEXAS**



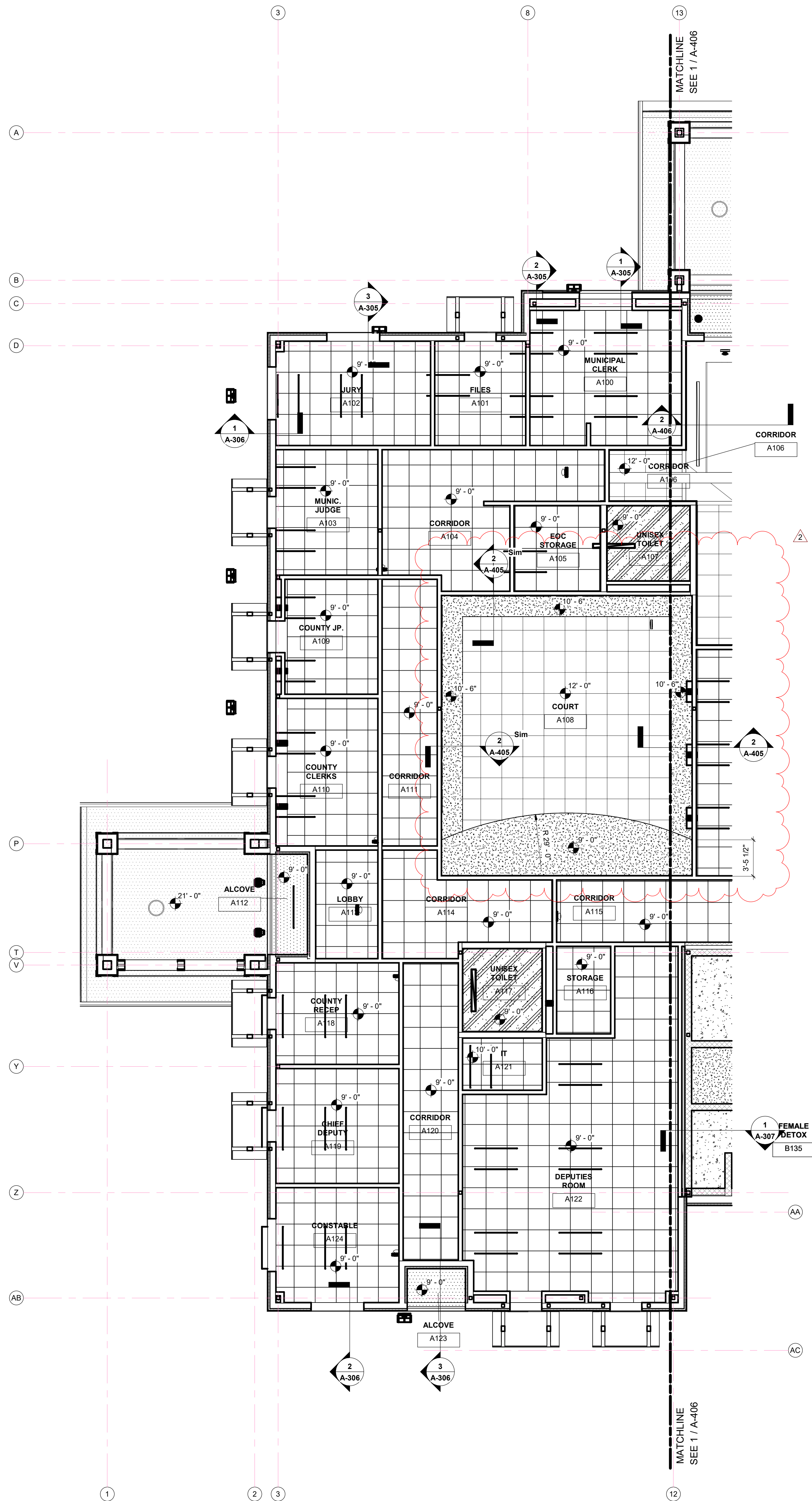
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Project Number: 18.22  
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Drawn: JJS  
Checked:

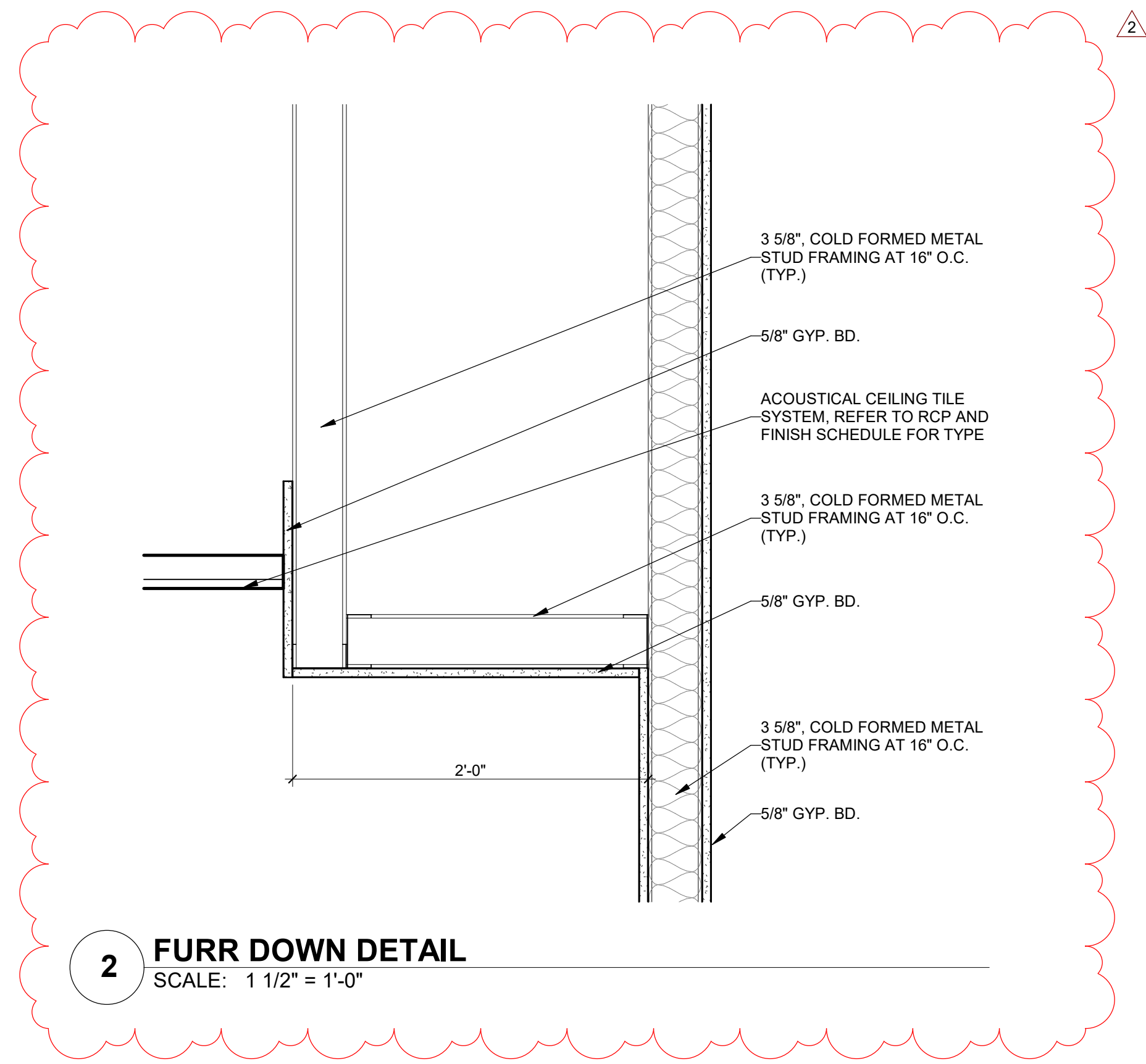
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No. Description Date  
1 Addenda #1 5-31-23

Sheet Title:  
**REFLECTED CEILING PLAN**





1 REFLECTED CEILING PLAN - AREA 'A'  
SCALE: 3/16" = 1'-0"



2 FURR DOWN DETAIL  
SCALE: 1 1/2" = 1'-0"

- GENERAL CEILING NOTES**
1. ALL CEILING AND SOFFIT HEIGHTS ARE GIVEN ABOVE THEIR RESPECTIVE FINISHED FLOOR ELEVATIONS (EL. 0'-0").
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  3. SOME OR ALL SPRINKLERS MAY NOT BE SHOWN ON THIS PLAN. COORDINATE WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION. SPRINKLER HEADS TO BE CENTERED ON CEILING TILE, TYP.
  4. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEP DRAWINGS. COORDINATE LOCATIONS OF PANELS WITH ARCHITECT PRIOR TO INSTALLATION. ACCESS PANEL FIRE RATINGS MUST MATCH CEILING ASSEMBLY FIRE RATINGS.
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- NON-PERFORATED CEILING

**GIGNAC ARCHITECTS**  
ARCHITECTURE | CONSTRUCTION MANAGEMENT

416 STARR STREET  
CORPUS CHRISTI, TEXAS 78401  
T 361.884.2661  
F 361.884.4232

222 E. VAN BUREN, SUITE 102  
HARLINGEN, TEXAS 78550  
T 956.365.4820  
F 956.365.4822

3700 N. 10th, SUITE 205  
MCALLEN, TEXAS 78501  
T 956.686.0100

**CONSULTANTS**

**CIVIL:**

URBAN ENGINEERING  
2725 SWANTNER  
CORPUS CHRISTI, TEXAS 78404  
T 361.854.3101

**STRUCTURAL:**

GREEN, RUBIANO & ASSOCIATES  
1220 W. HARRISON AVE.  
HARLINGEN, TEXAS 78550  
T 956.428.4461

**MEP:**

MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

**LANDSCAPE / IRRIGATION:**

ADLA, INC.  
4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335

**City of Port Aransas**

**CITY OF PORT ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

**D**

MEZZANINE

**A B C**

1ST FLOOR

PLAN NORTH TRUE NORTH

**City of Port Aransas**

EXPIRATION DATE 11/30/23

SIGNED ON 5/18/23

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: JJS  
Checked: Checker

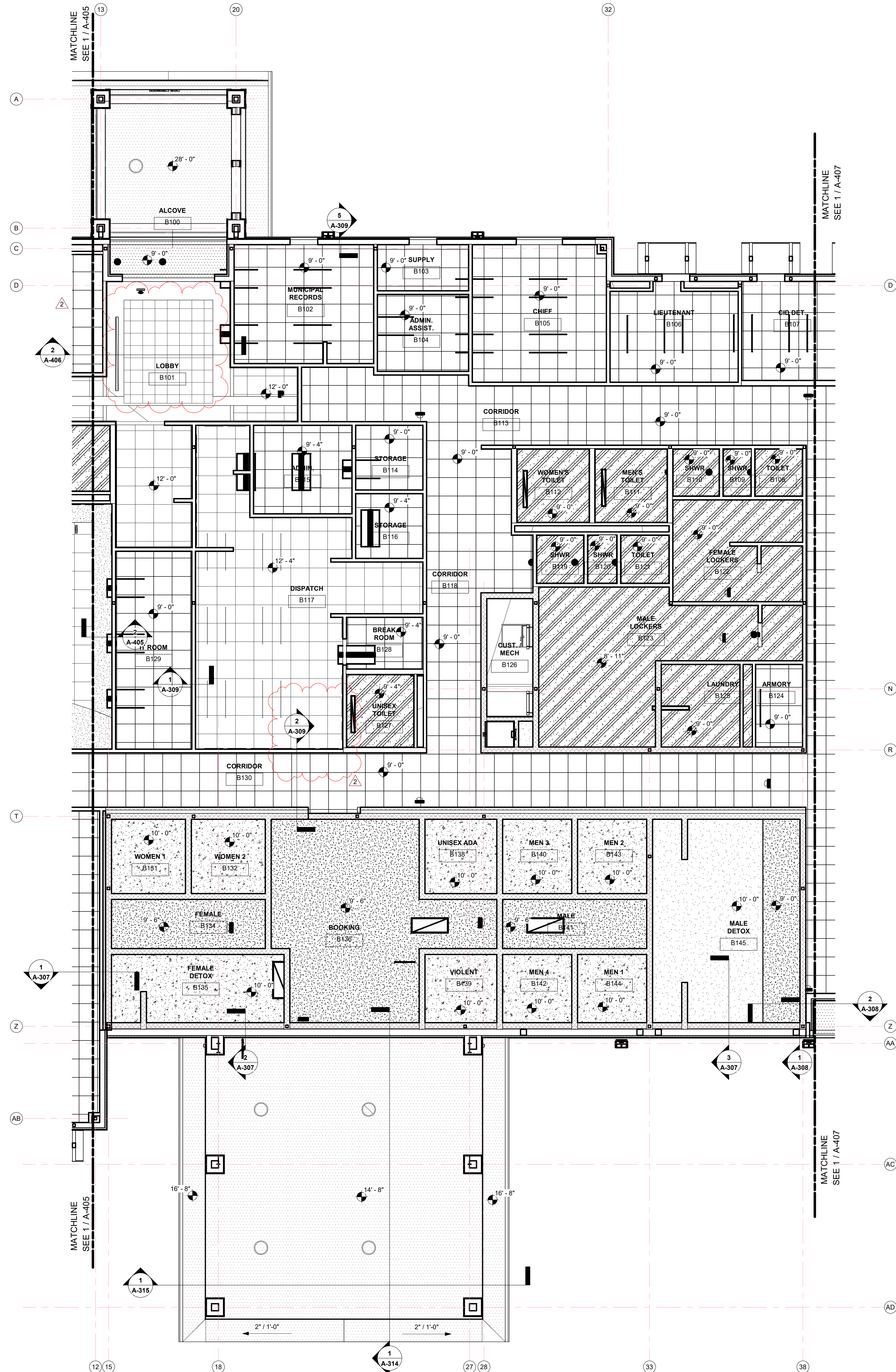
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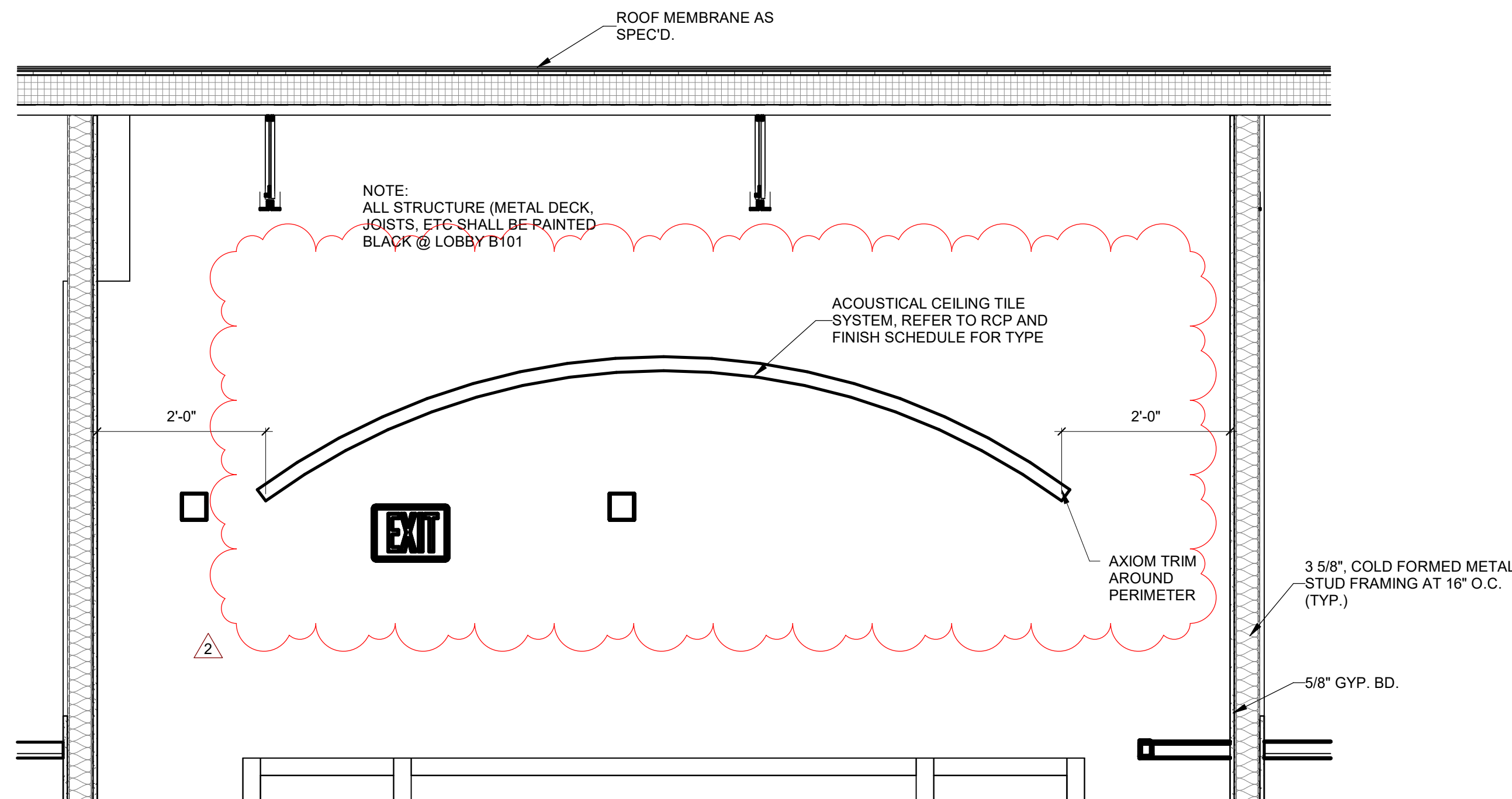
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PLAN - AREA 'A'**

**A-405**





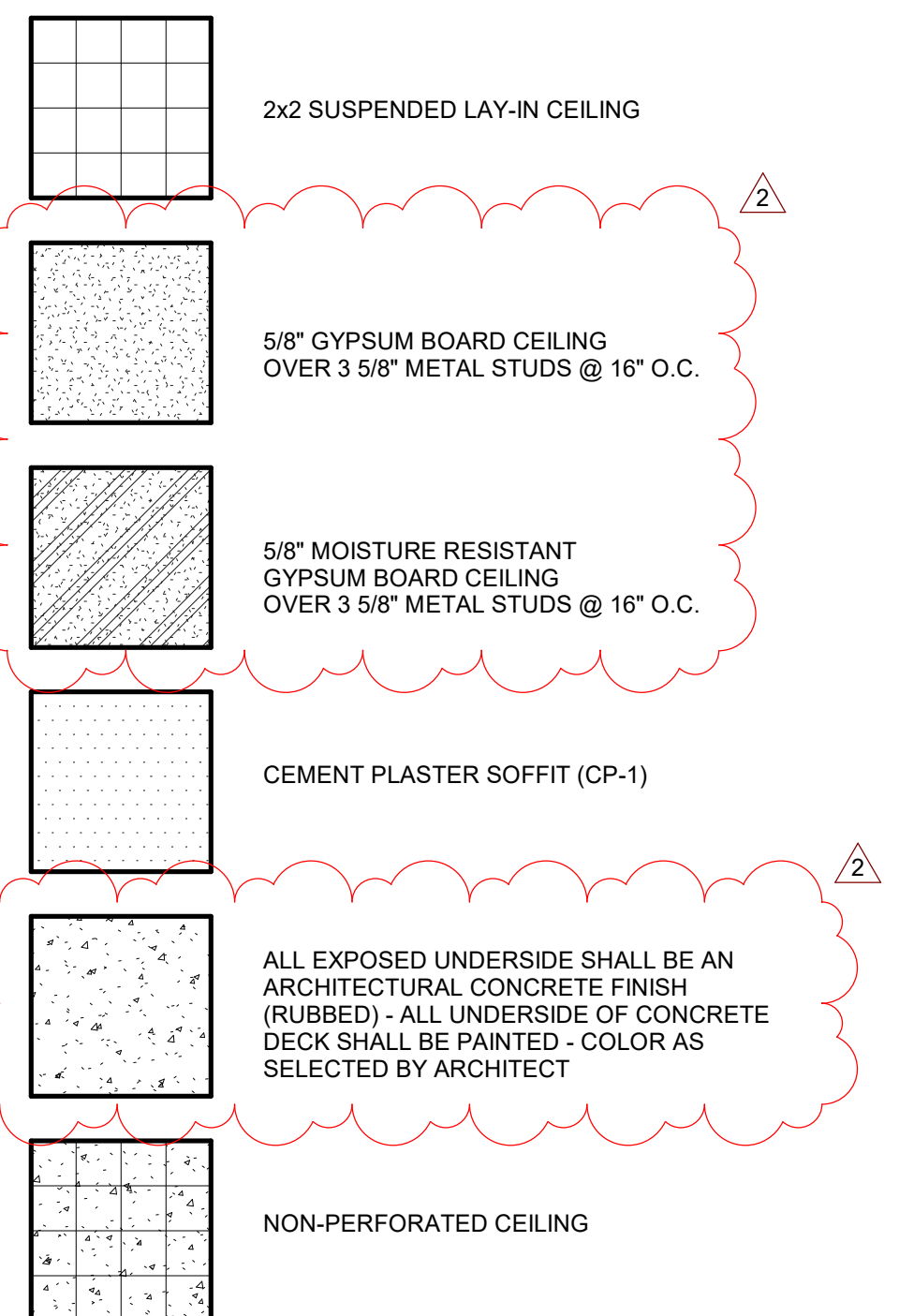
2 CEILING SECTION  
SCALE: 3/4" = 1'-0"



#### GENERAL CEILING NOTES

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#### CEILING LEGEND:



#### CONSULTANTS CIVIL:

URBAN ENGINEERING  
2725 SWANTNER  
CORPUS CHRISTI, TEXAS 78404  
T 361.854.3101

#### STRUCTURAL:

GREEN, RUBIANO & ASSOCIATES  
1220 W. HARRISON AVE.  
HARLINGEN, TEXAS 78550  
T 956.428.4461

#### MEP:

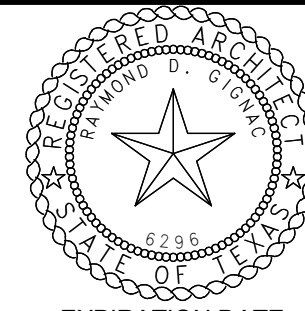
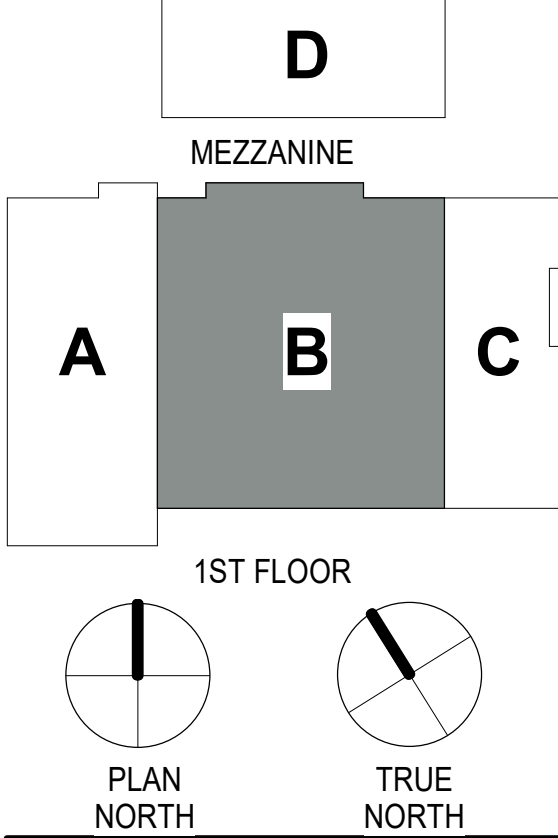
MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

#### LANDSCAPE / IRRIGATION:

ADLA, INC.  
4833 SARATOGA BLVD., #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



#### CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS



EXPIRATION DATE  
11/30/23

SIGNED ON  
5/18/23

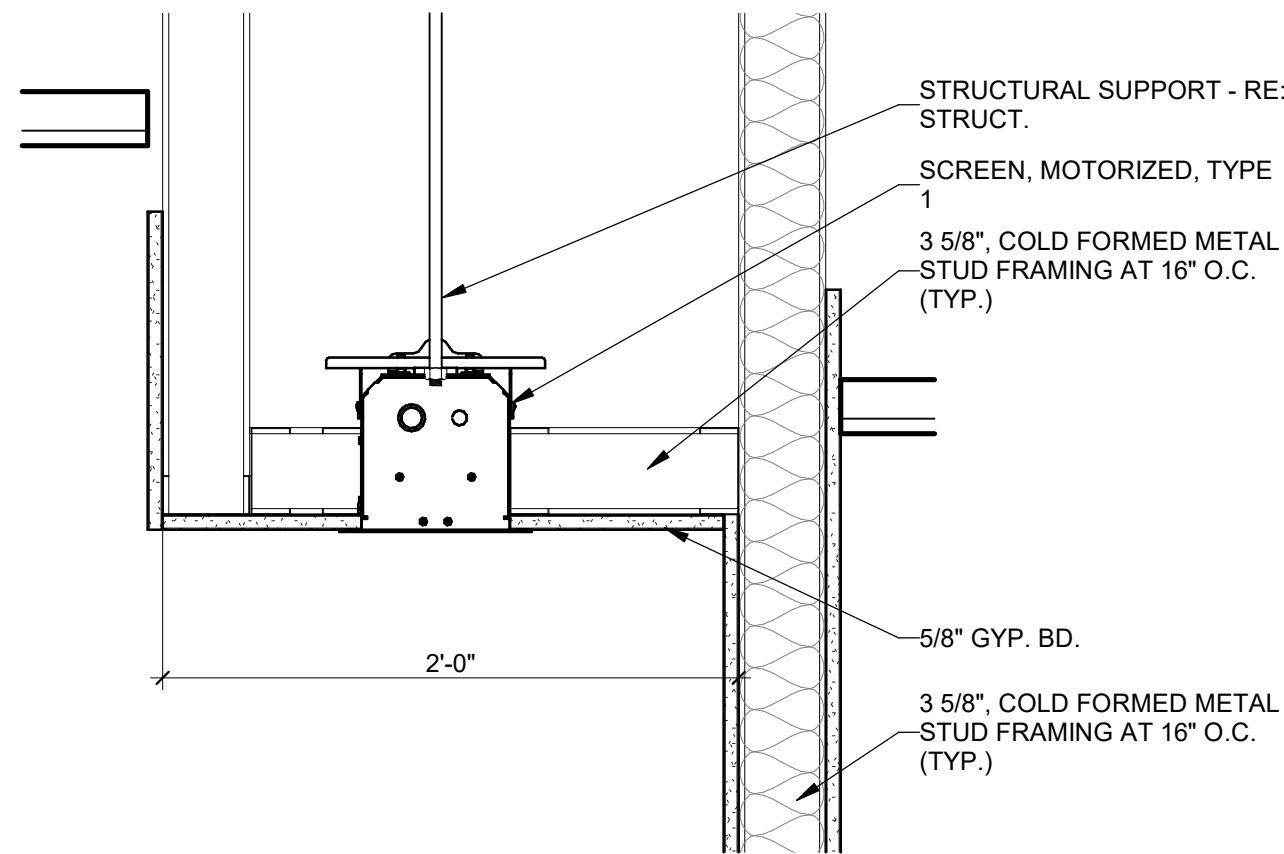
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Drawing Date: 5/18/2023  
Drawn: JJS  
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No.	Description	Date
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2	Addenda #2	6-15-23

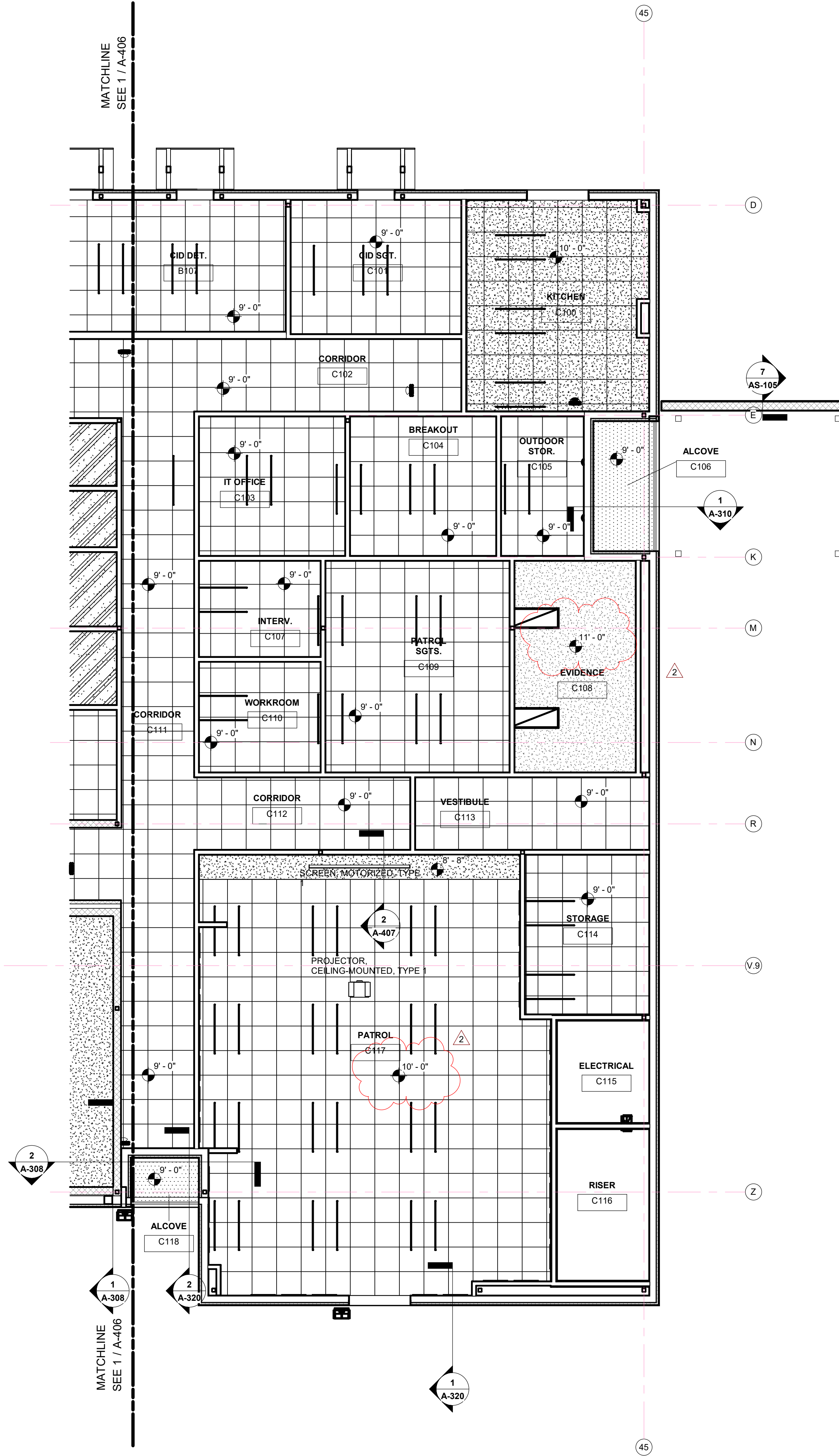
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#### REFLECTED CEILING PLAN - AREA 'B'





2 MOTORIZED SCREEN DETAIL  
SCALE: 1 1/2" = 1'-0"

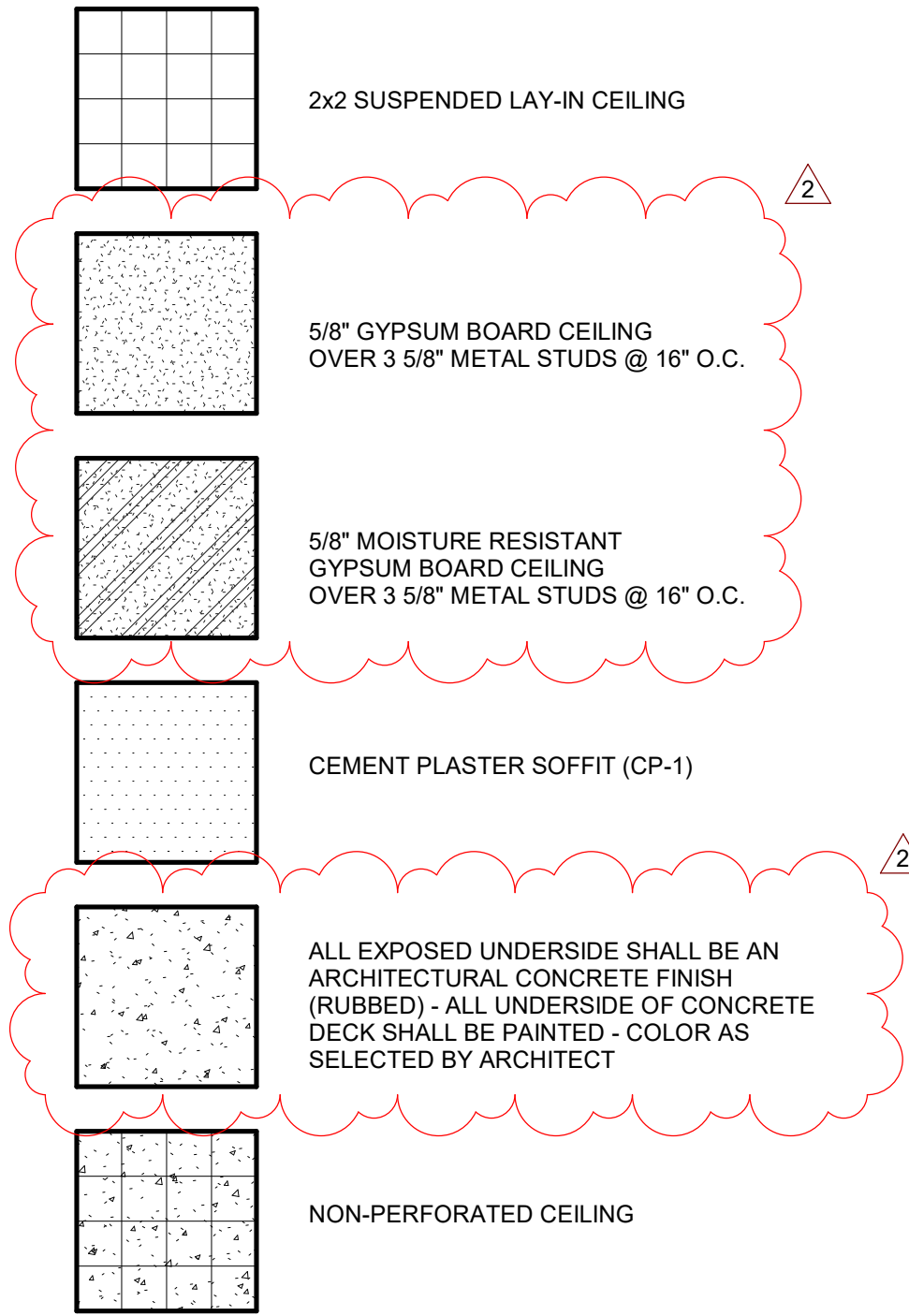


1 REFLECTED CEILING PLAN - AREA 'C'  
SCALE: 3/16" = 1'-0"

GENERAL CEILING NOTES

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CEILING LEGEND:



CONSULTANTS

**CIVIL:**  
URBAN ENGINEERING  
2725 SWANTNER  
CORPUS CHRISTI, TEXAS 78404  
T 361.854.3101

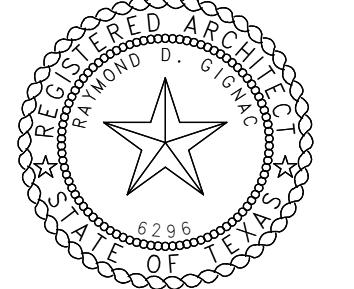
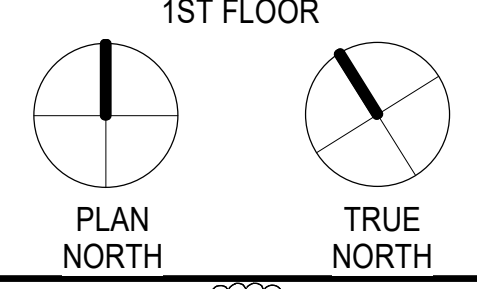
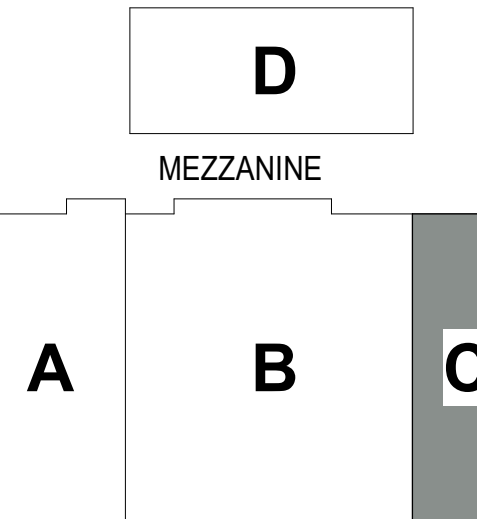
**STRUCTURAL:**  
GREEN, RUBIANO & ASSOCIATES  
1220 W. HARRISON AVE.  
HARLINGEN, TEXAS 78550  
T 956.428.4461

**MEP:**  
MS2 CONSULTING ENGINEERS  
8300 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

**LANDSCAPE / IRRIGATION:**  
ADLA, INC.  
4833 SARATOGA BLVD. #116  
CORPUS CHRISTI, TEXAS 78413  
T 361.288.2335



CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS



EXPIRATION DATE  
11/30/23  
SIGNED ON  
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Project Number: 18.22  
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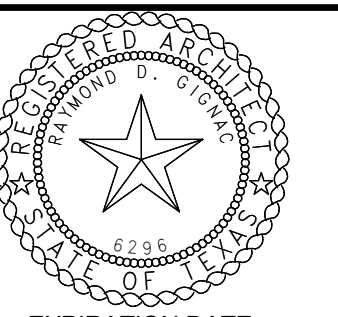
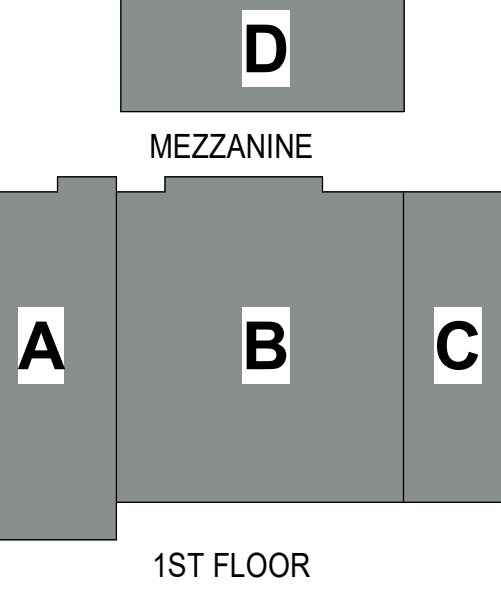
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No. Description Date  
2 Addenda #2 6-15-23

Sheet Title:  
REFLECTED CEILING  
PLAN - AREA 'C'





**CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

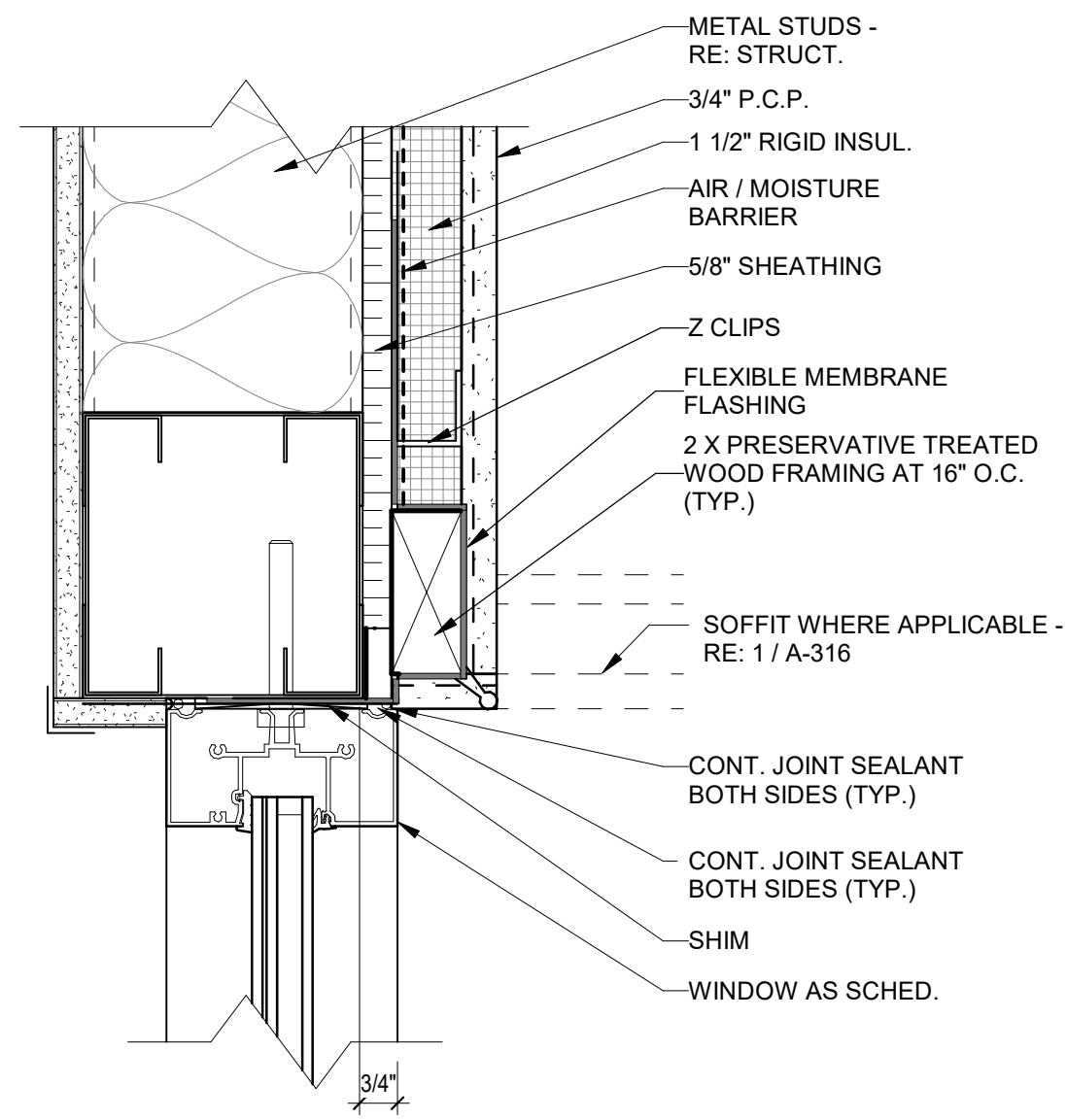


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11/30/23  
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5/18/23

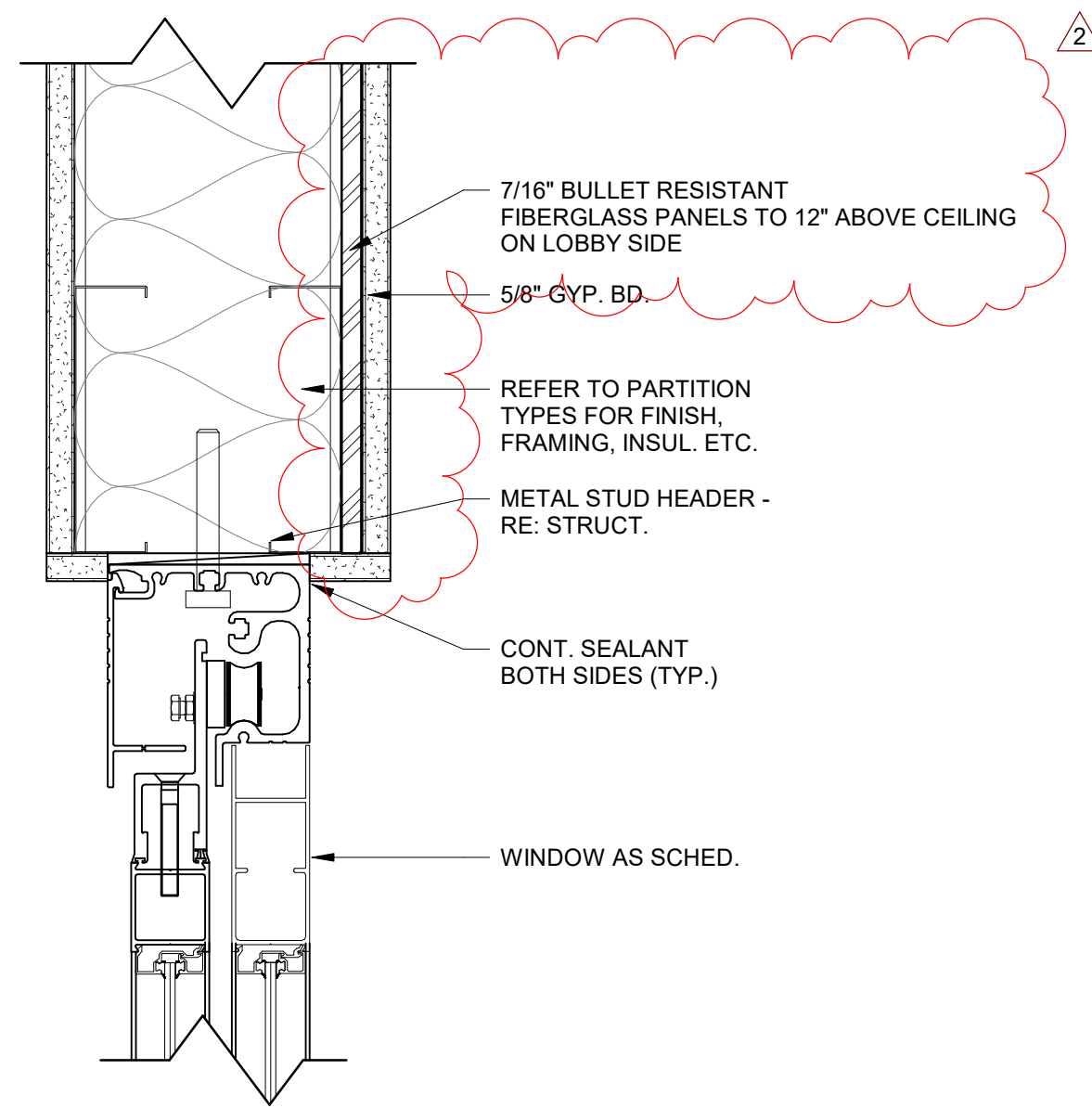
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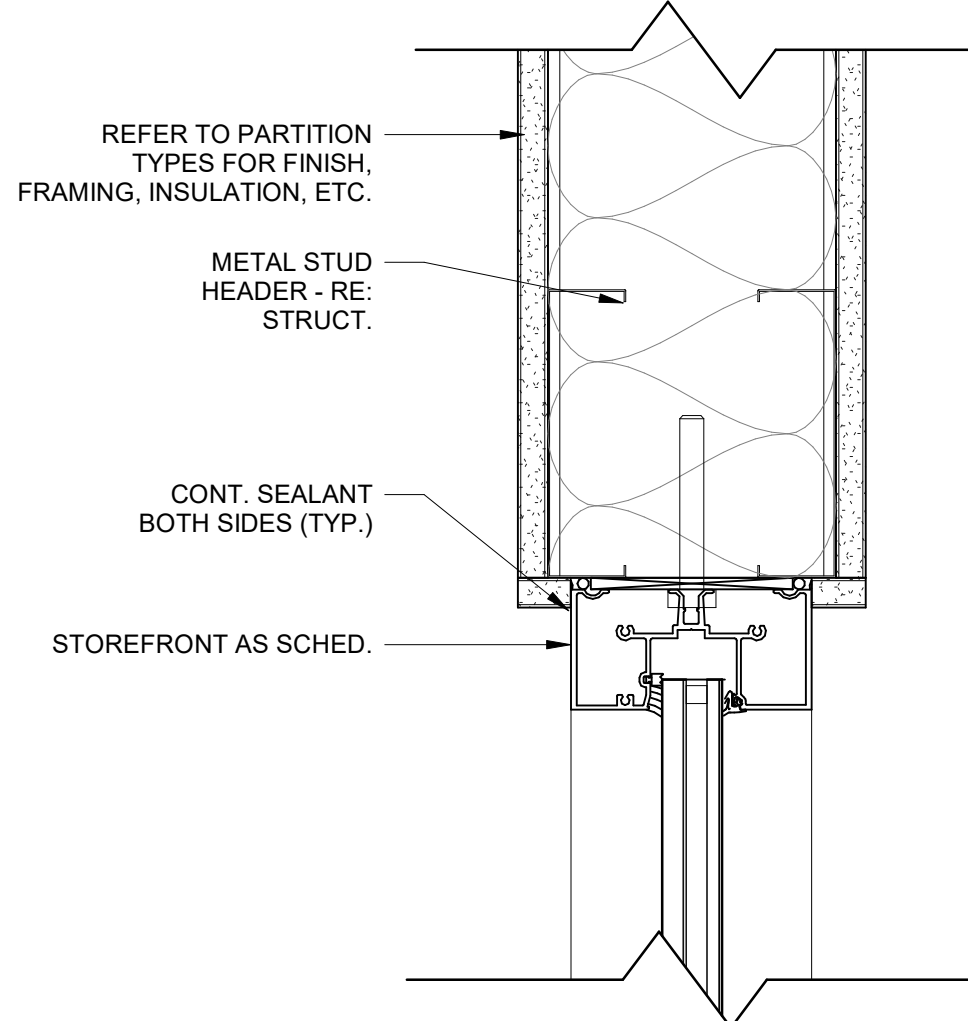
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**DOOR AND WINDOW  
DETAILS**



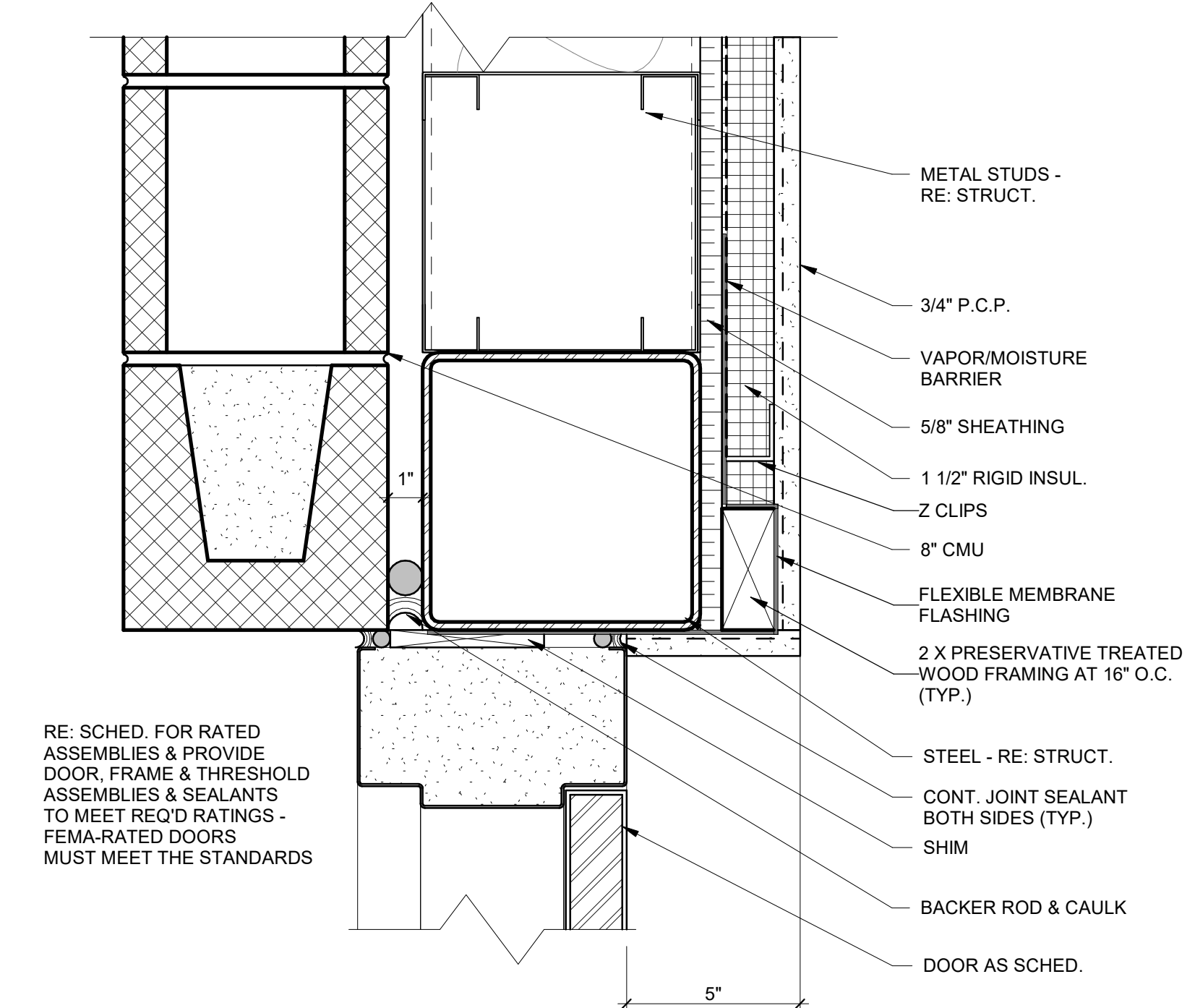
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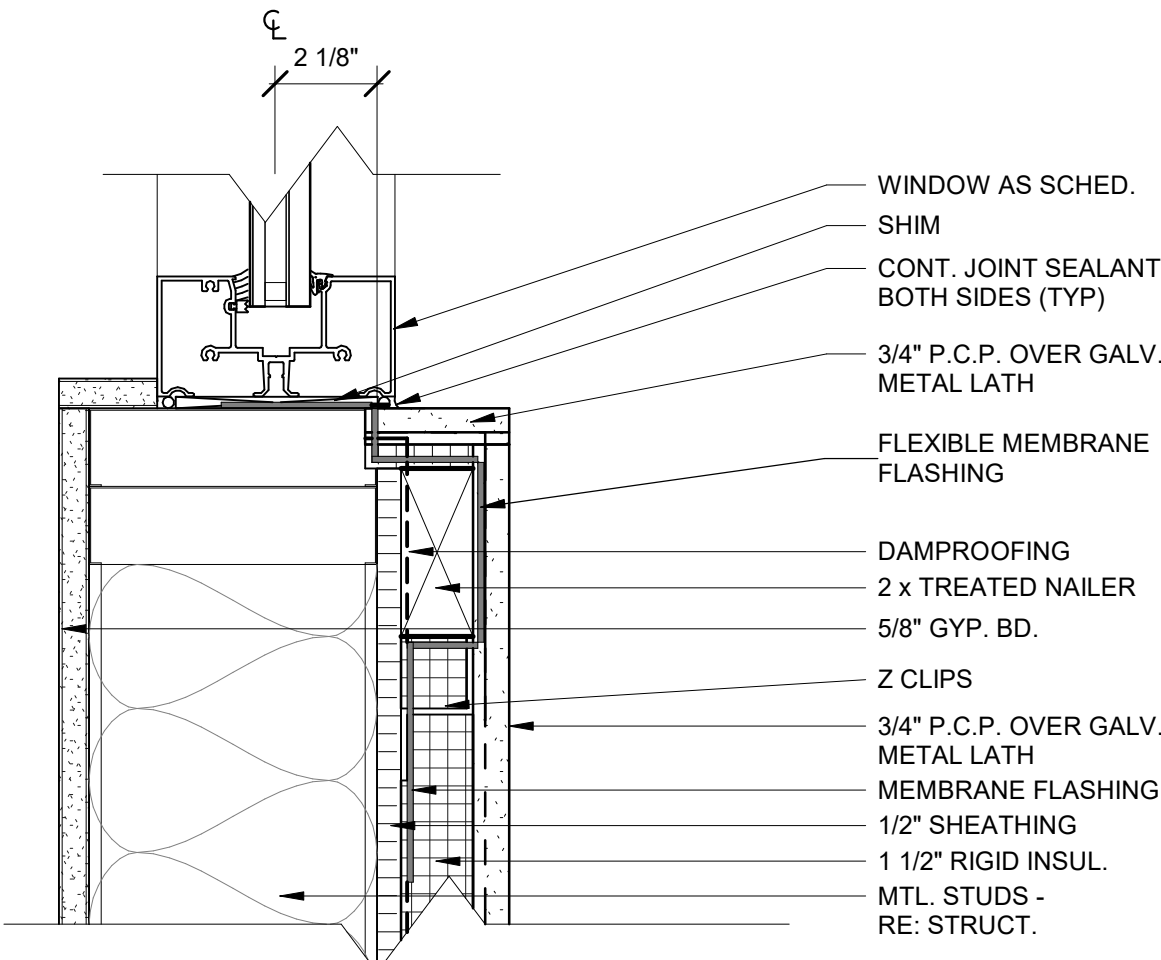
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SCALE: 3" = 1'-0"



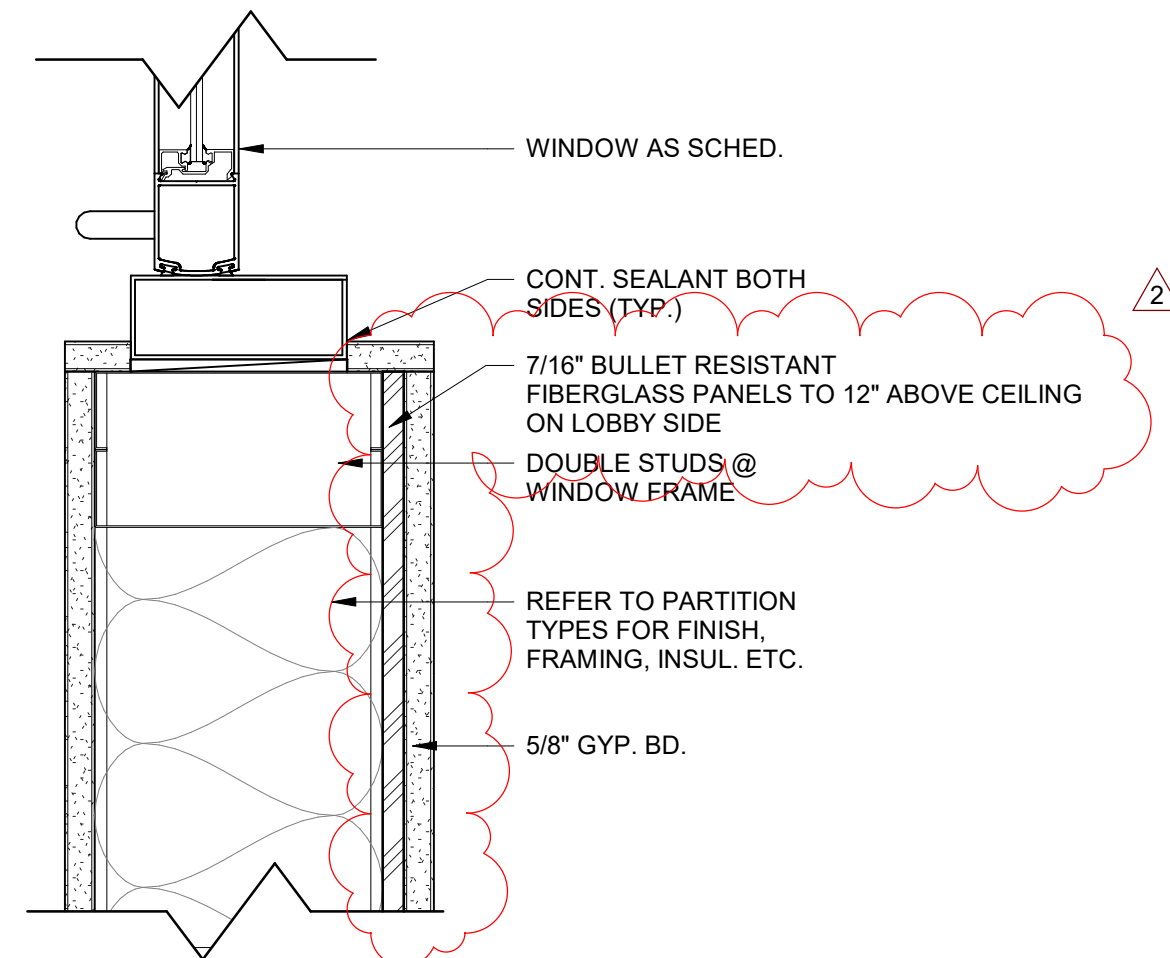
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SCALE: 3" = 1'-0"



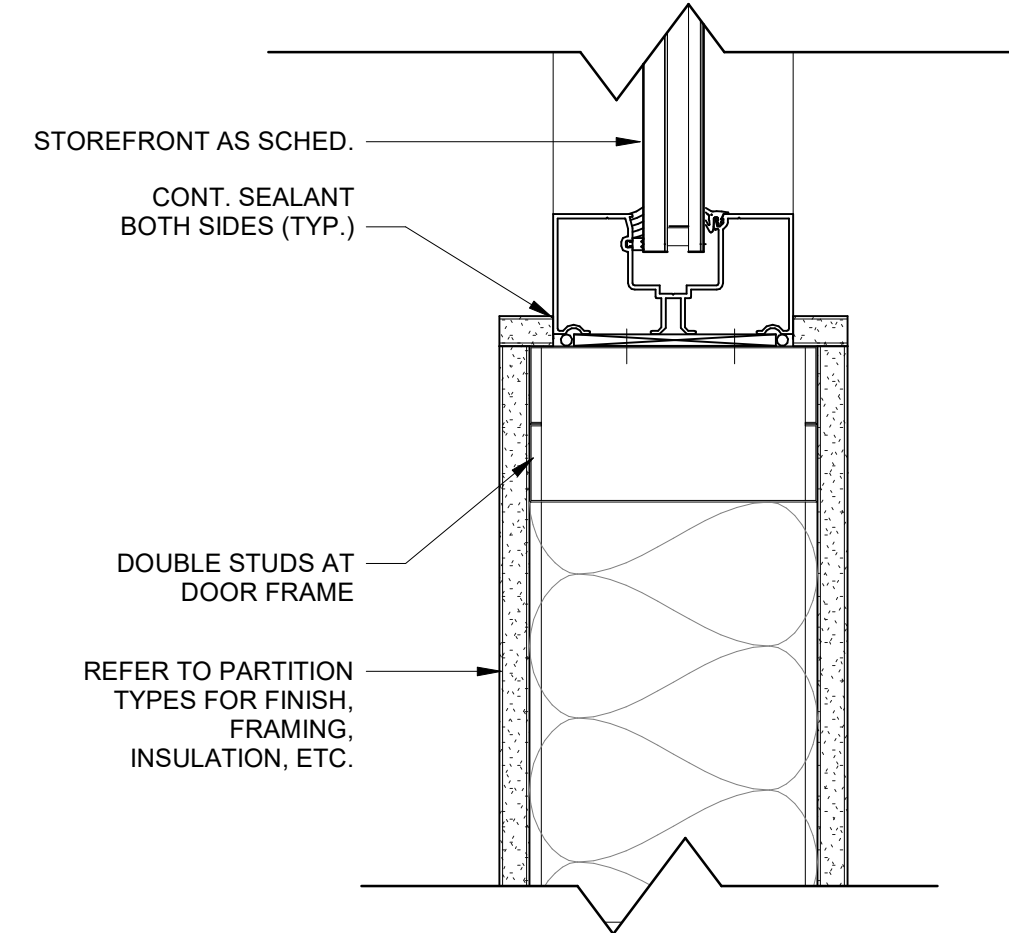
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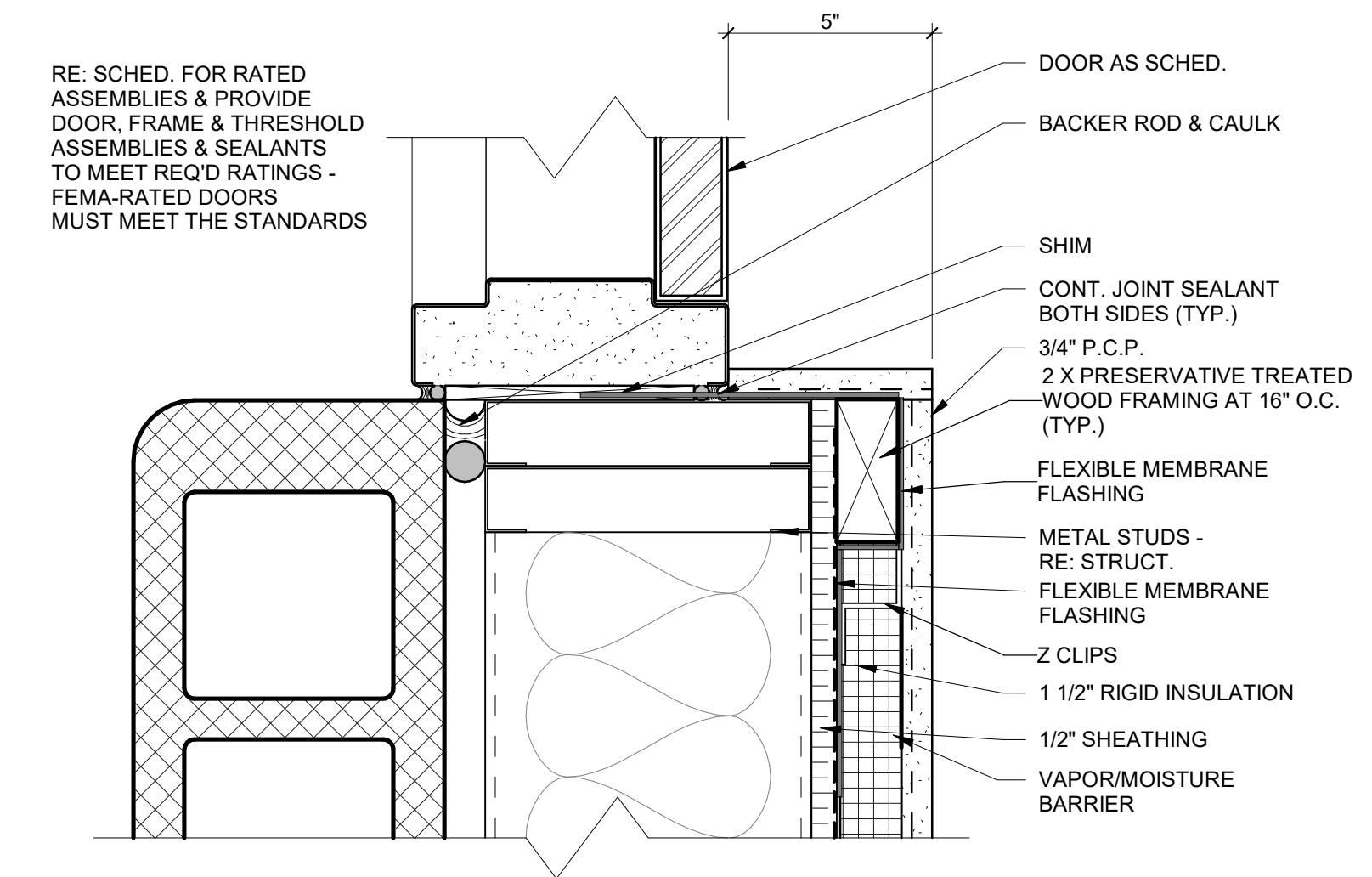
**11 EXT. WINDOW JAMB**  
SCALE: 3" = 1'-0"



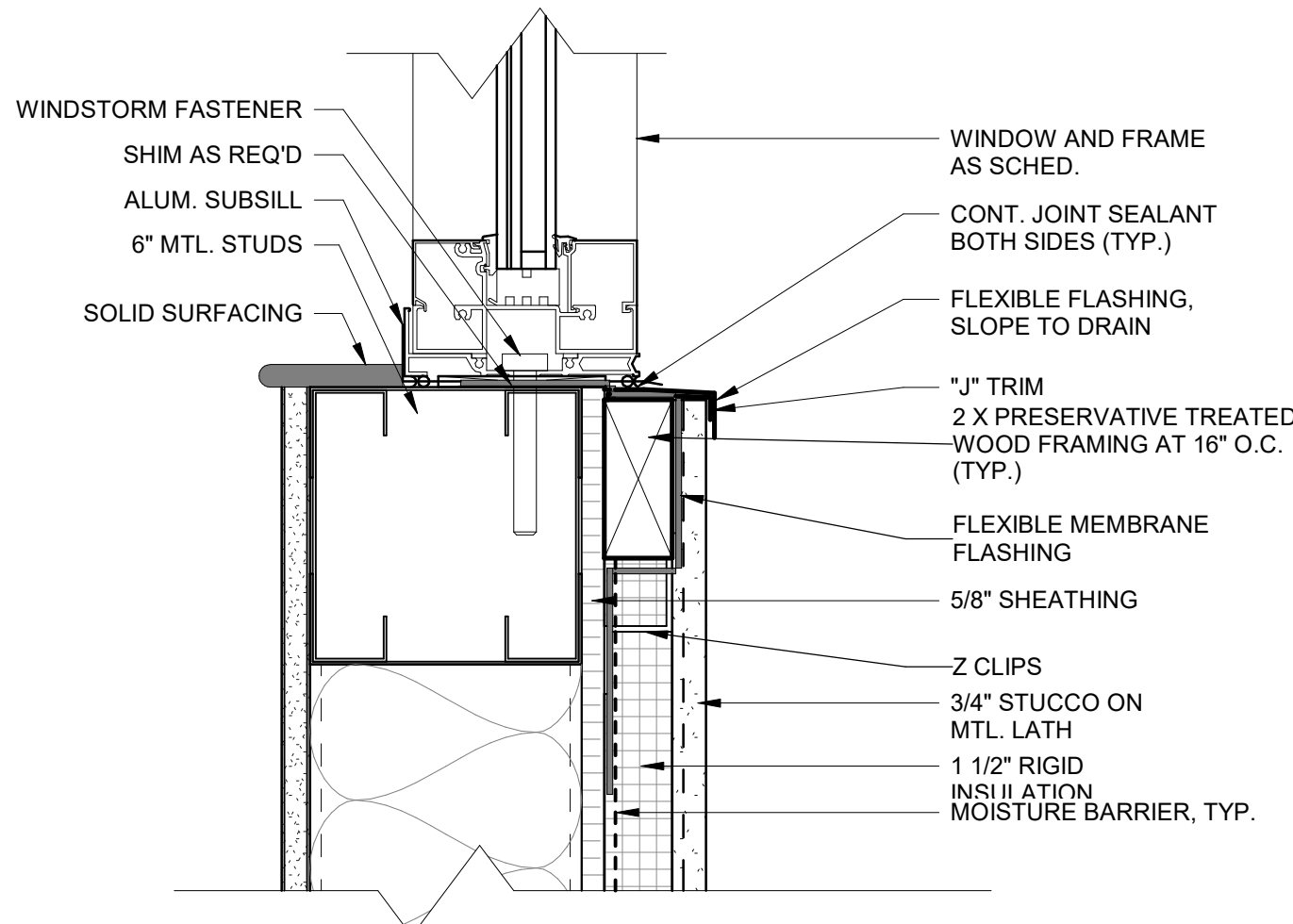
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SCALE: 3" = 1'-0"



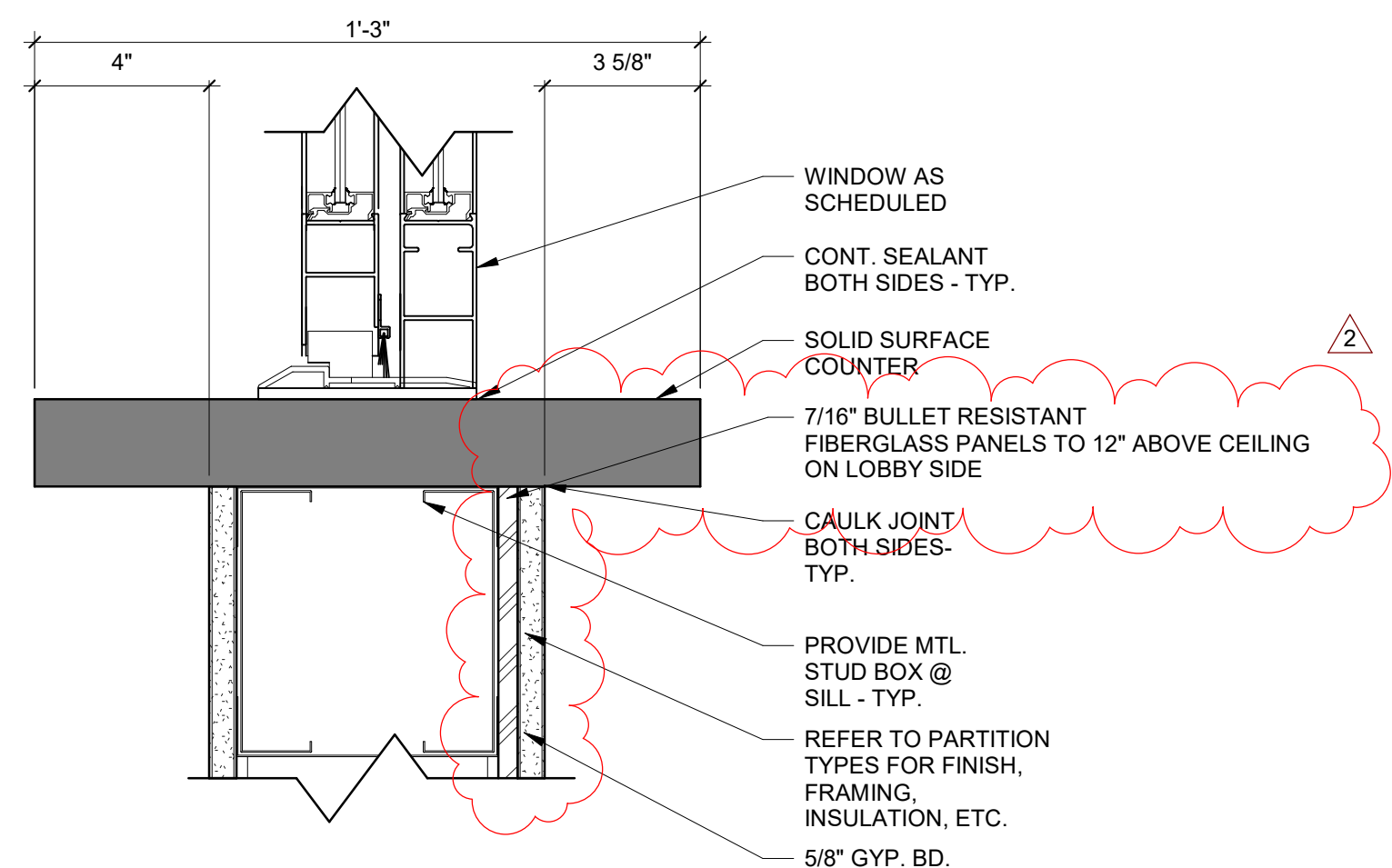
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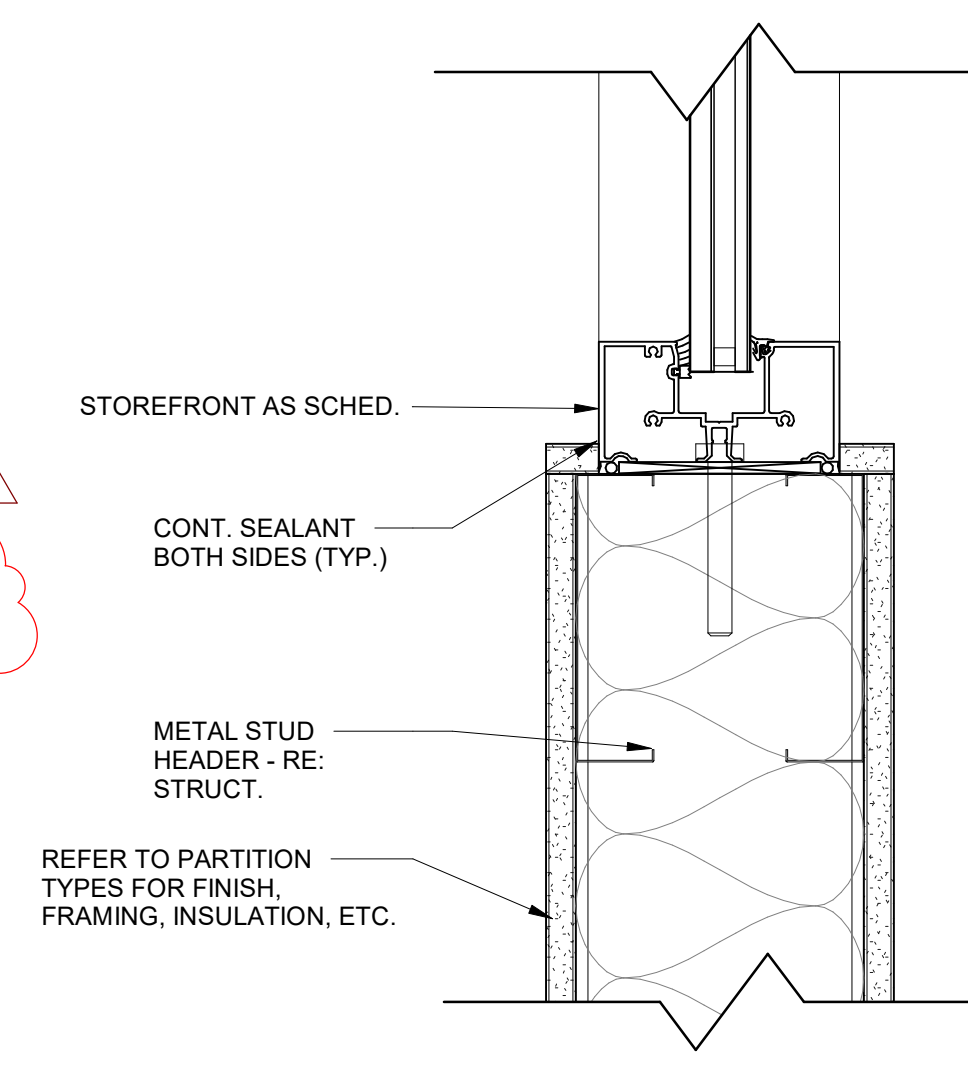
**2 EXT. DOOR JAMB**  
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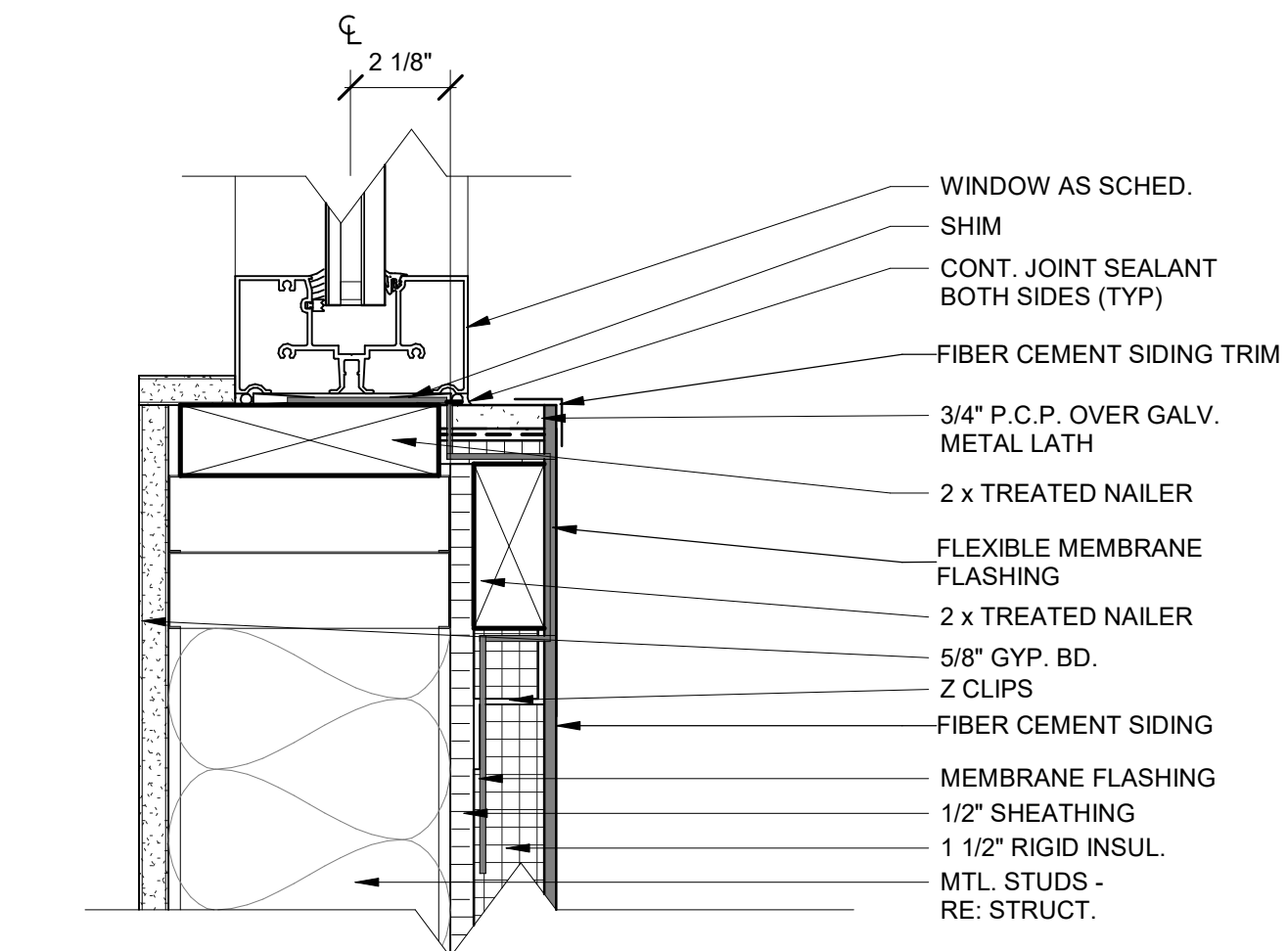
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SCALE: 3" = 1'-0"



**9 INT. WINDOW SILL - SLIDER**  
SCALE: 3" = 1'-0"



**6 INT. WINDOW SILL**  
SCALE: 3" = 1'-0"

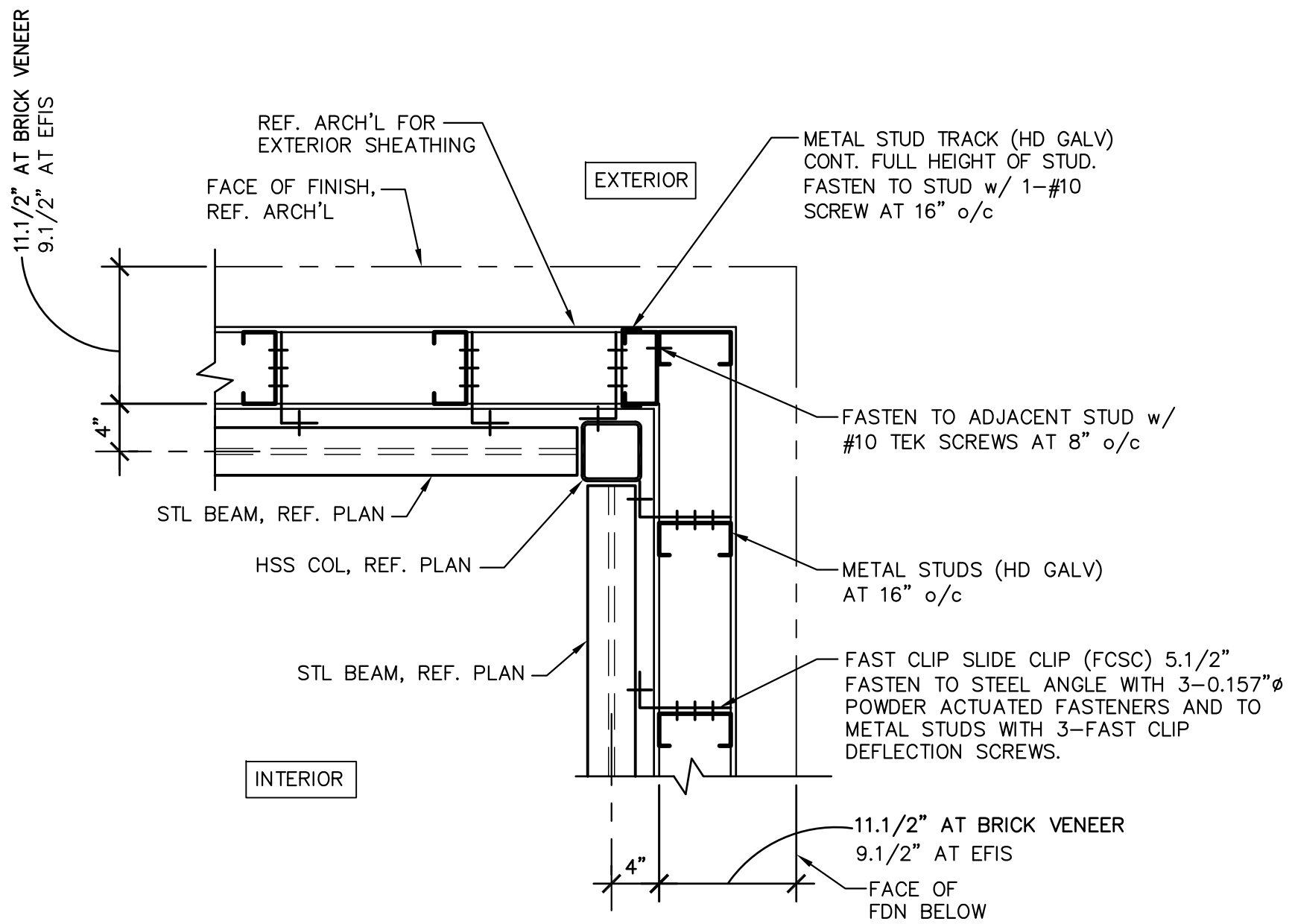


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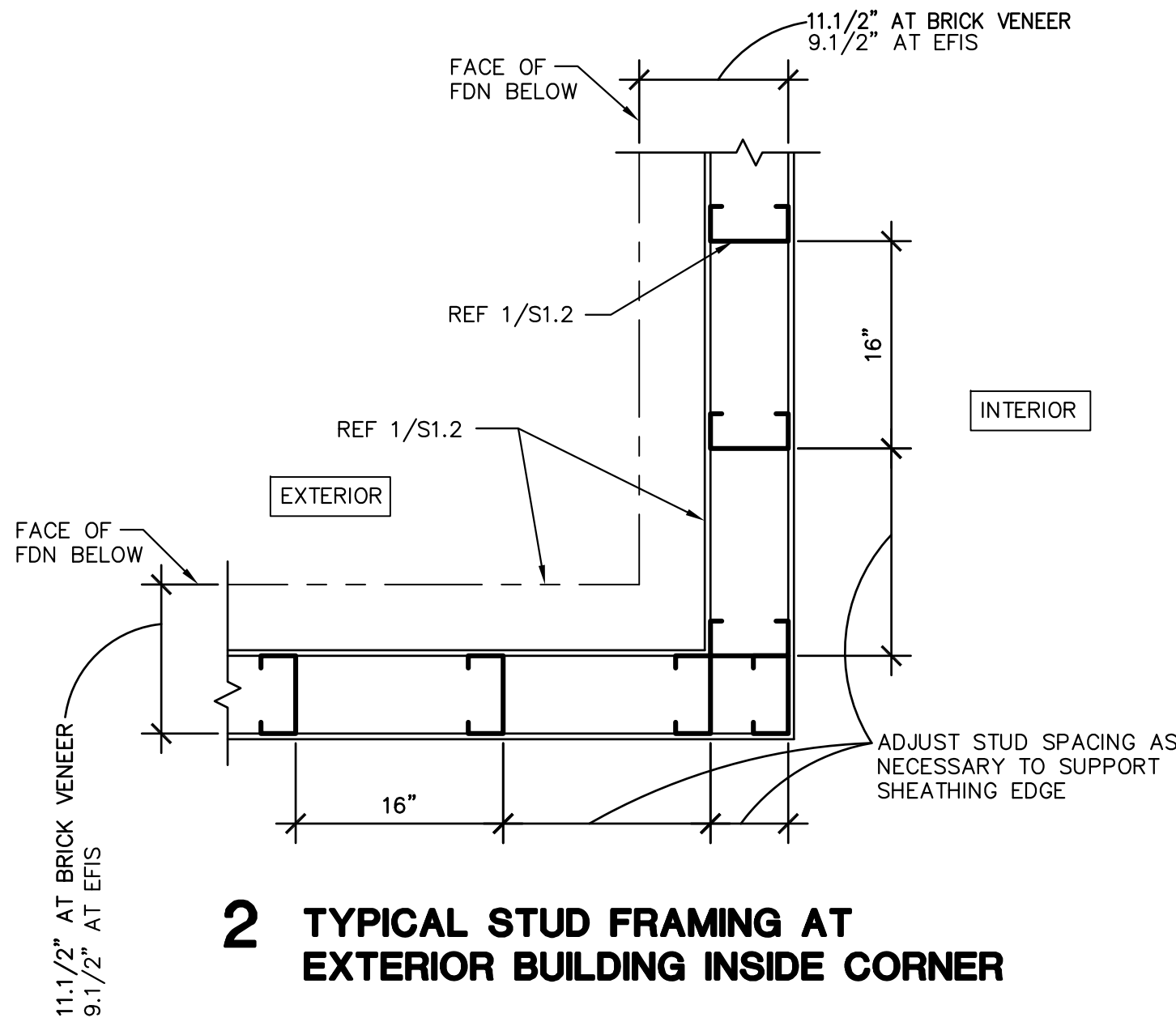




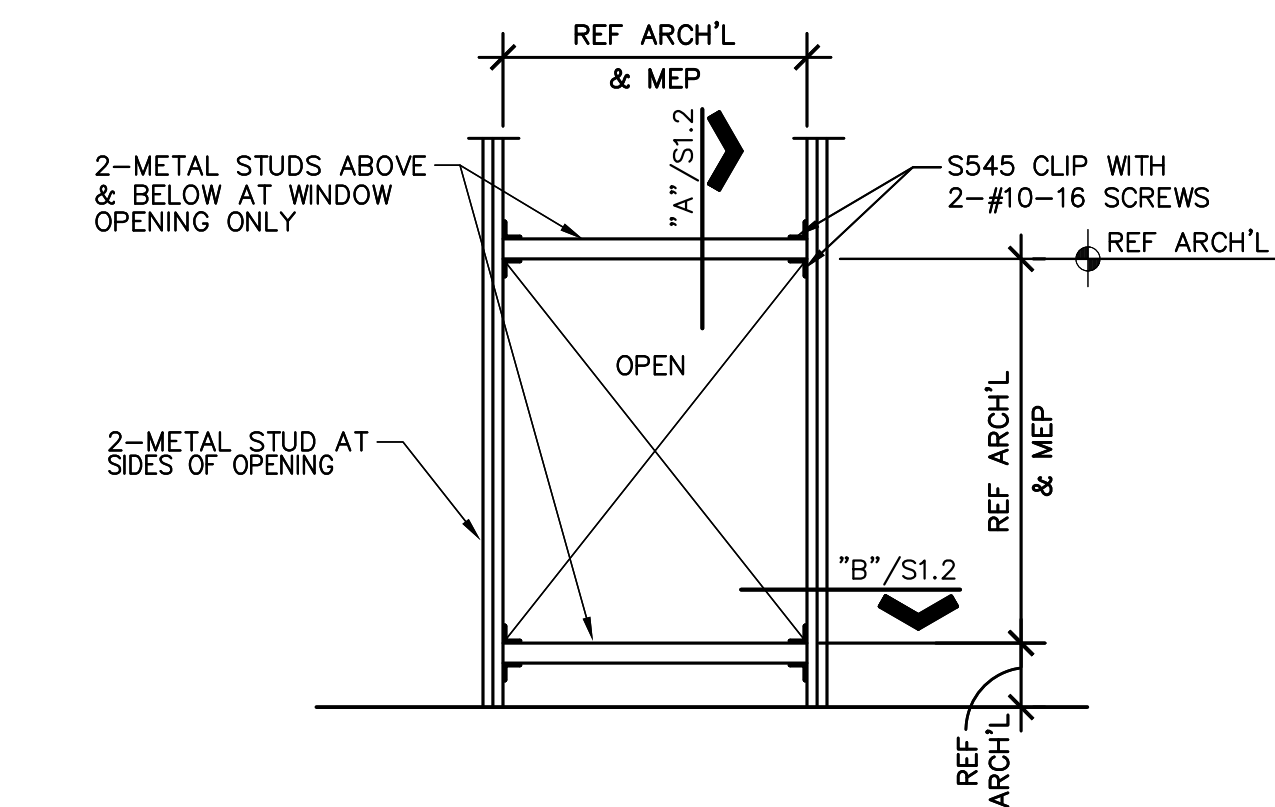




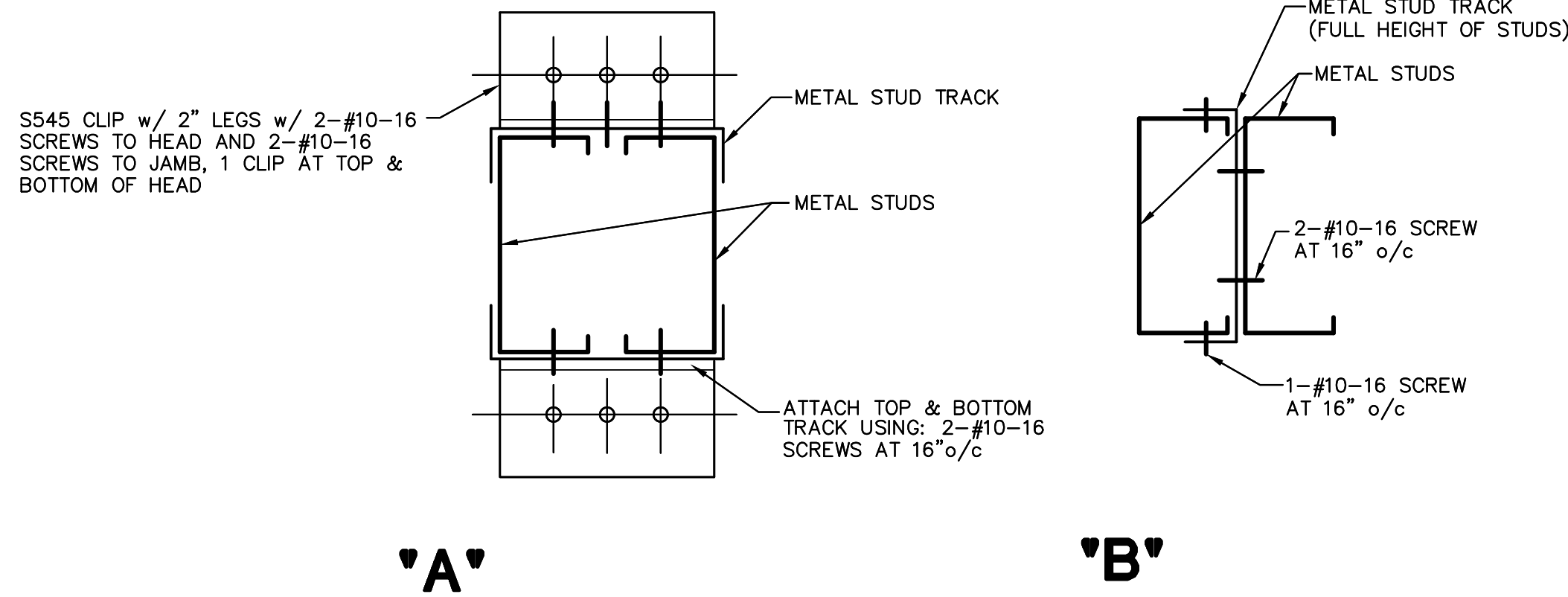
**1 TYPICAL STUD FRAMING AT EXTERIOR BUILDING OUTSIDE CORNER**



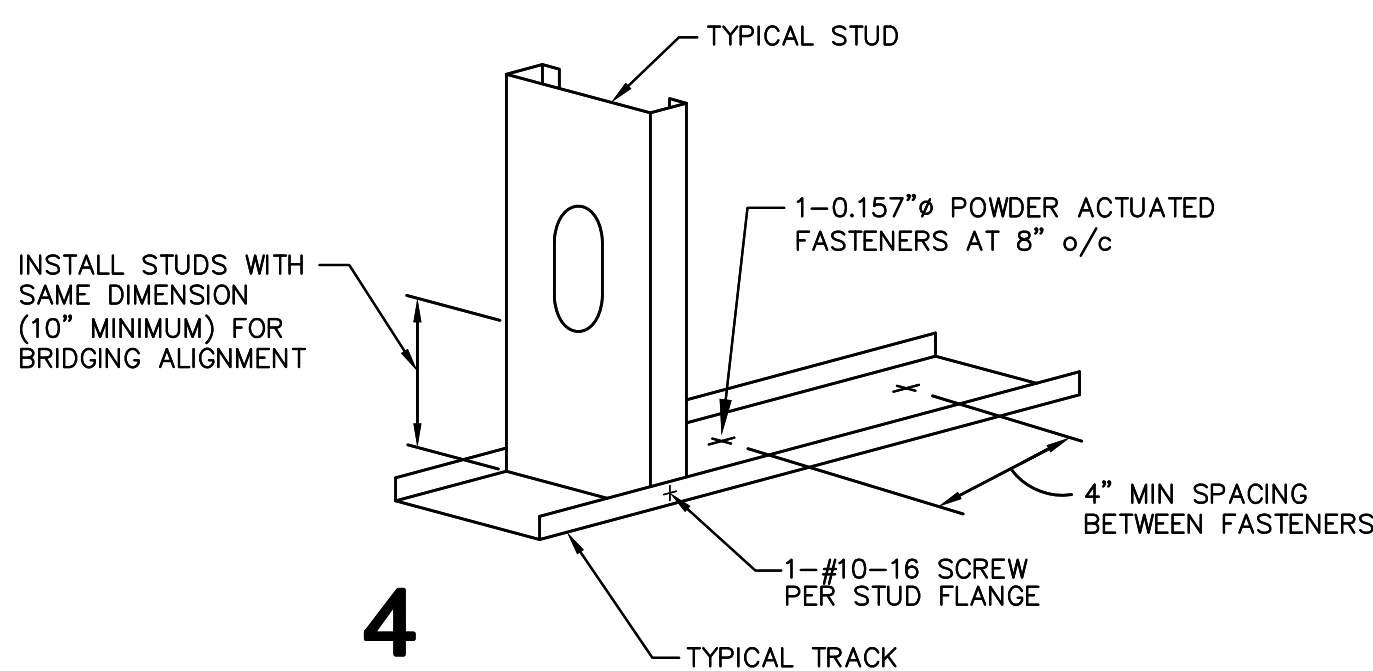
**2 TYPICAL STUD FRAMING AT EXTERIOR BUILDING INSIDE CORNER**



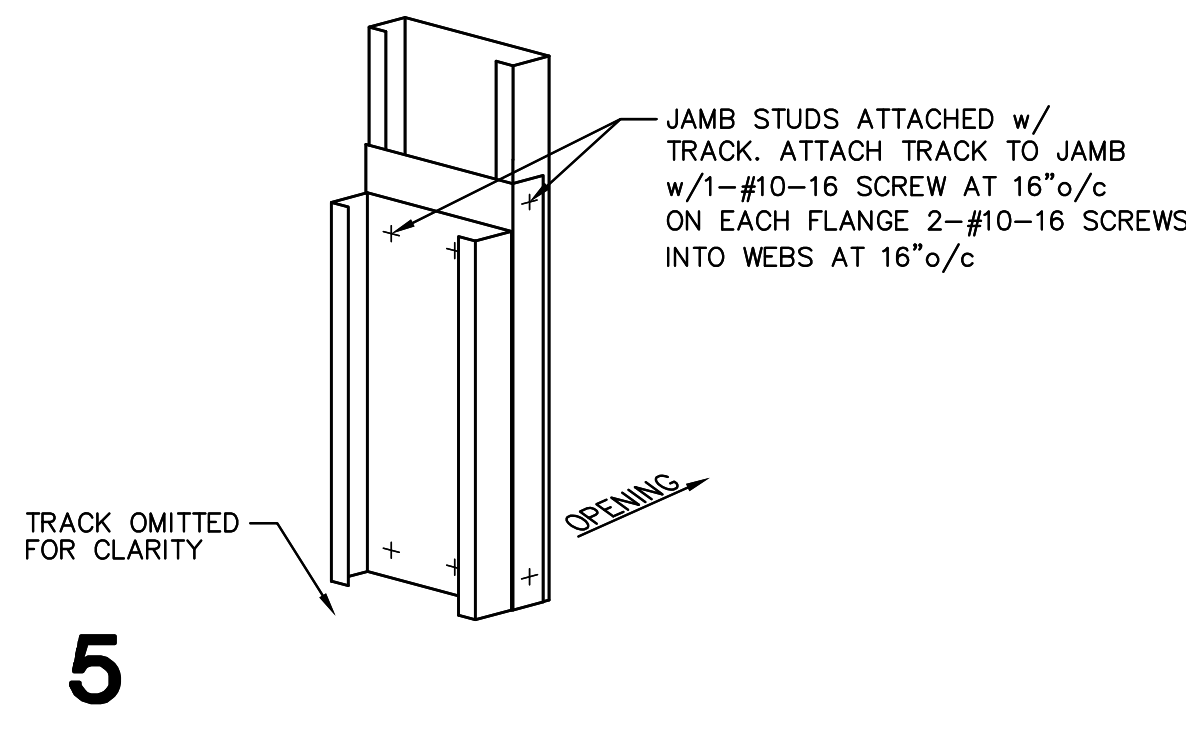
**3 TYPICAL WINDOW/DOOR/LOUVER OPENING**



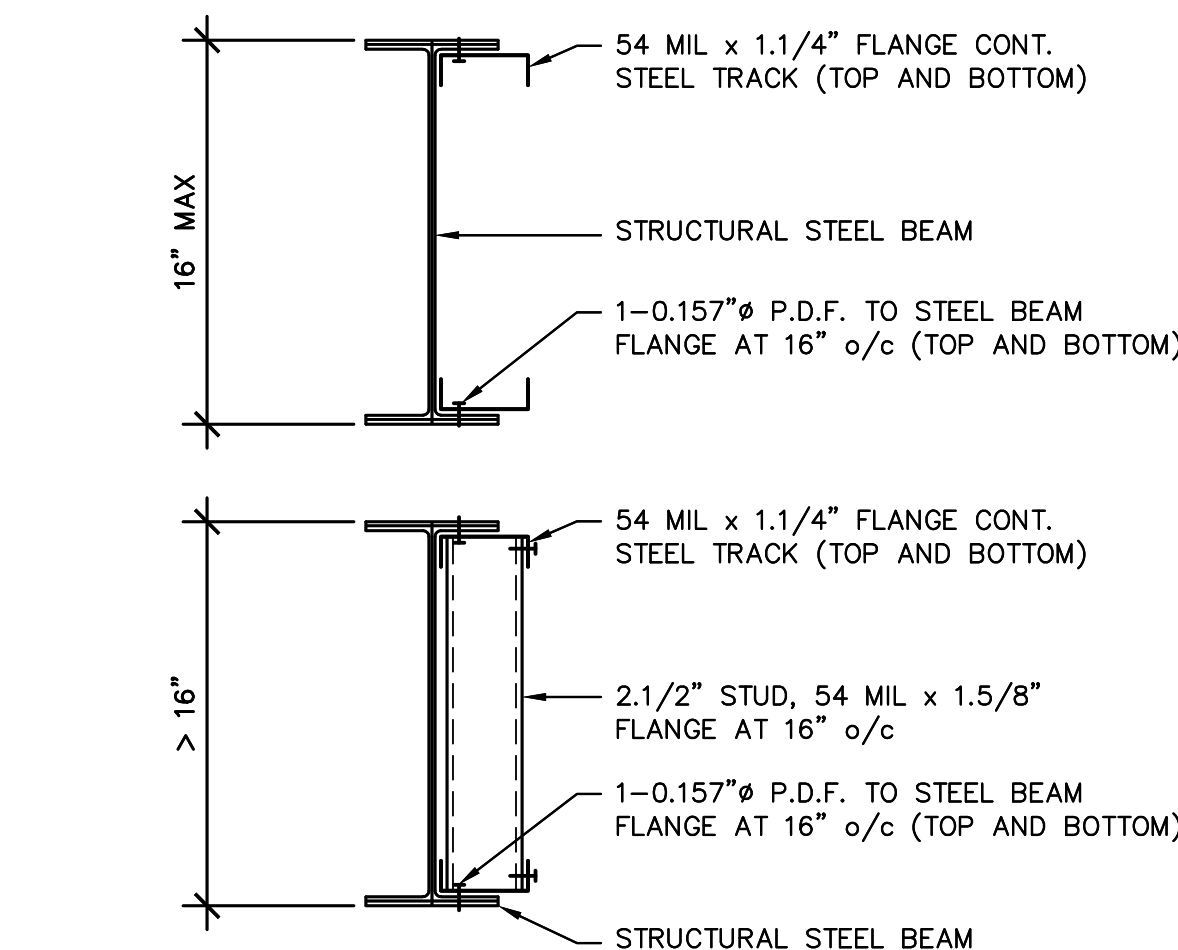
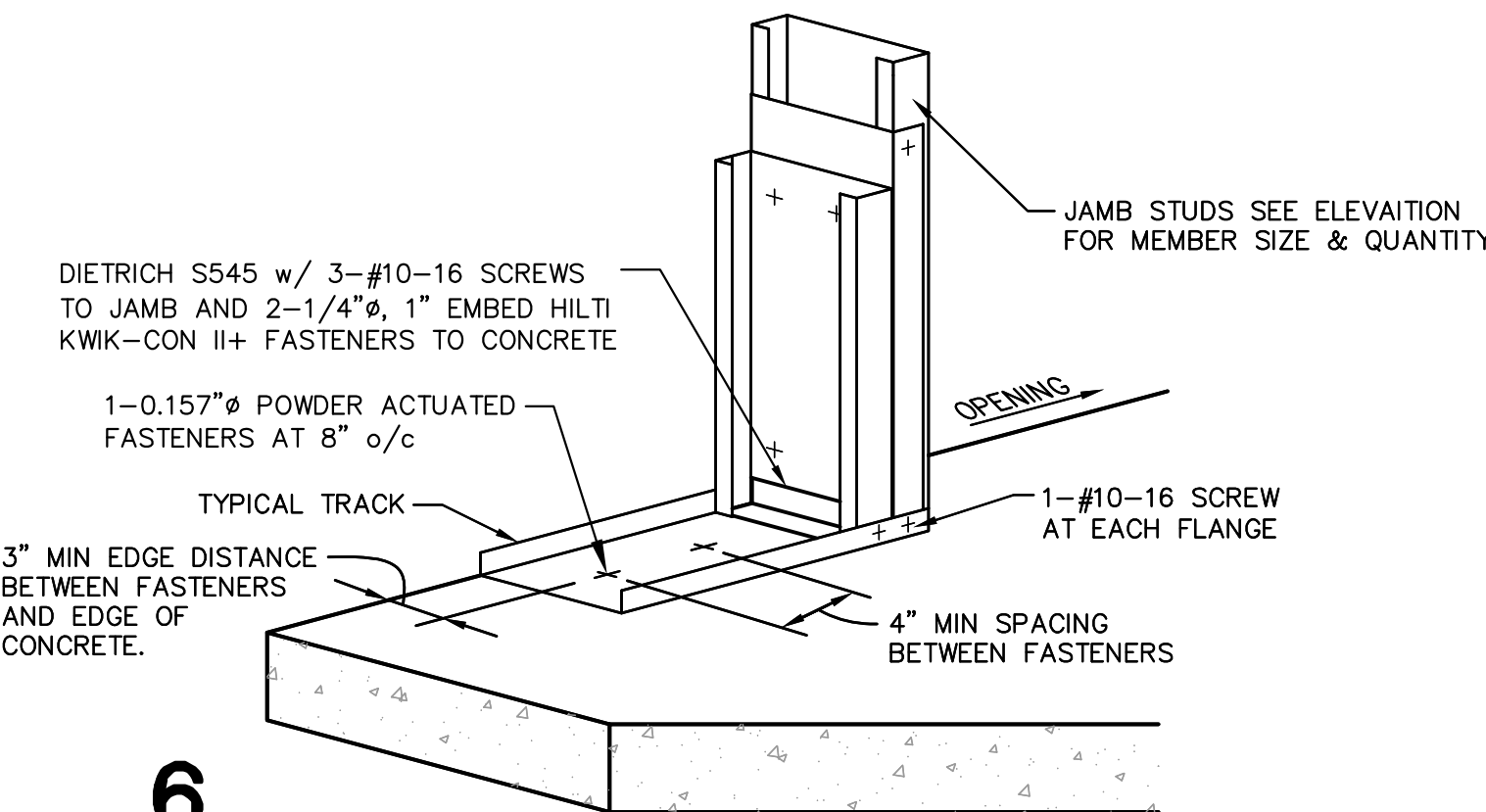
**7 METAL STUD BRIDGING**



**8 TYPICAL PUNCH-OUT REINFORCEMENT DETAIL**



**9 TYPICAL WINDOW/DOOR/LOUVER OPENING HEADER DETAIL**

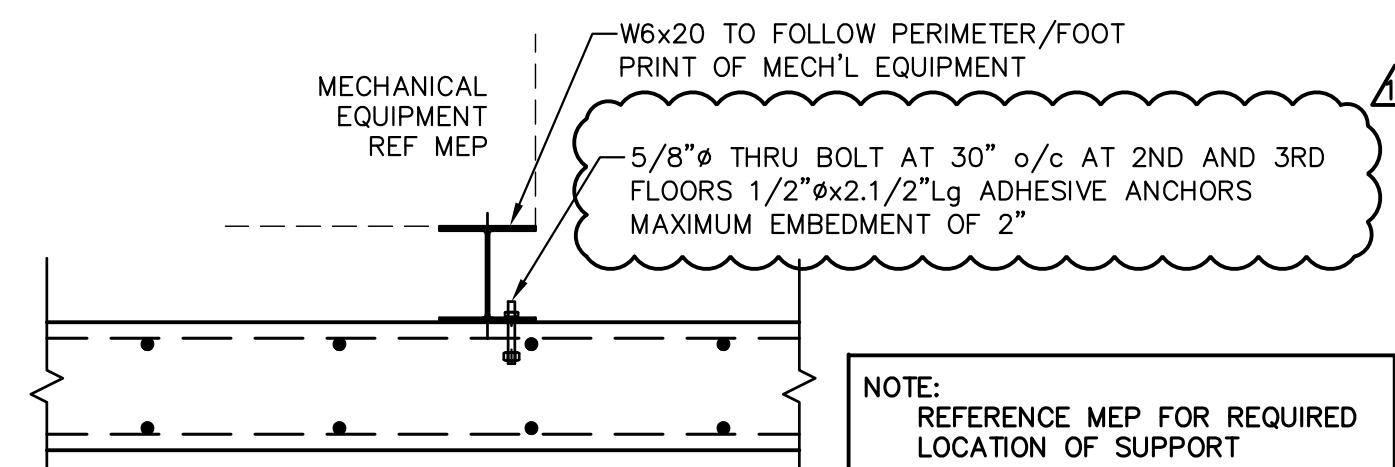


**12 TYPICAL SLAB WARP TO DRAIN DETAIL**

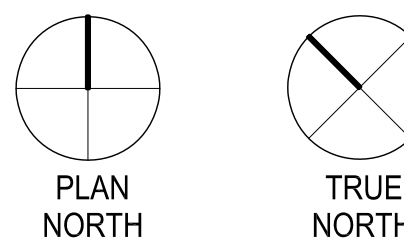
NOTE:  
1. REF ARCHITECTURAL FOR LOCATIONS



**14 TYPICAL MECHANICAL EQUIPMENT SUPPORT**



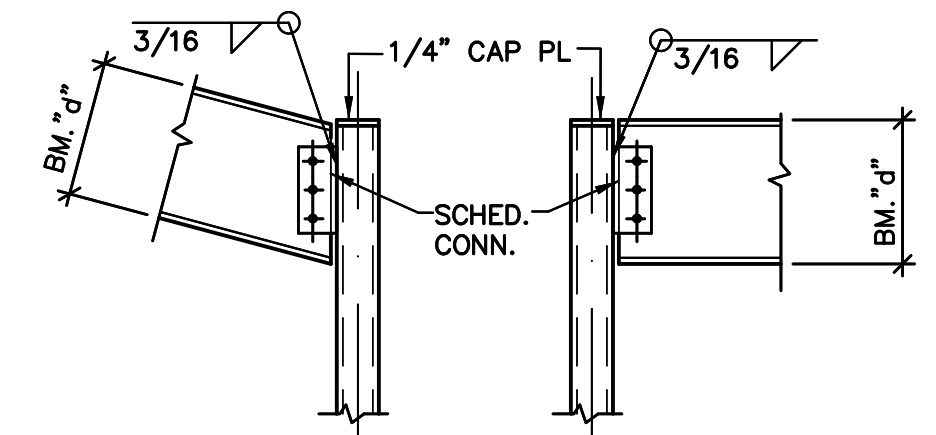
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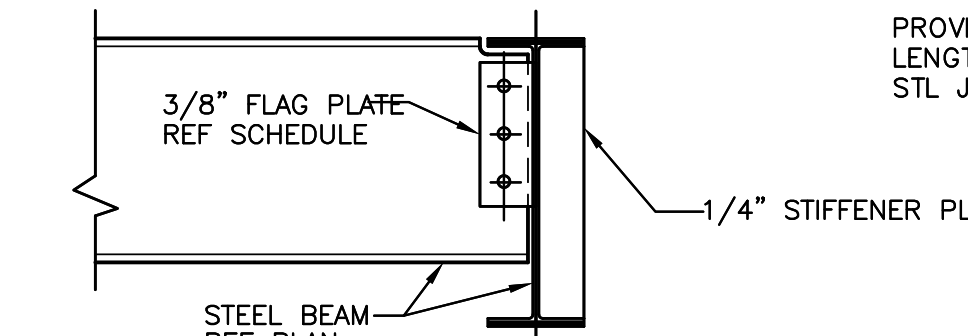
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**GENERAL  
STRUCTURAL  
DETAILS**





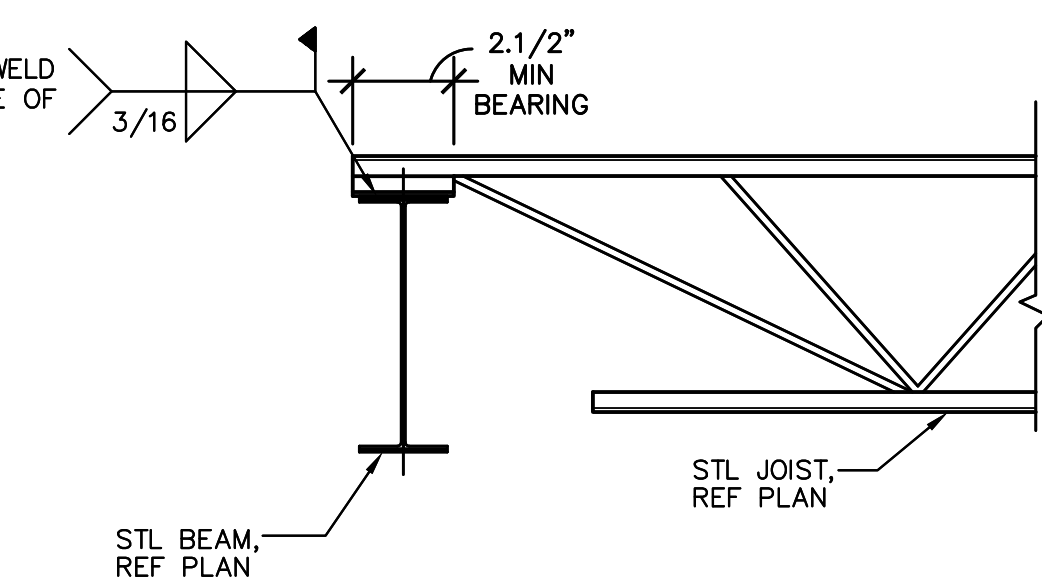
BEAM TO TUBE COLUMN CONNECTION SCHEDULE		
BEAM SIZE	PL. SIZE	BOLTS
W8 & W10	PL. 3/8x3.1/2x0'-6"	2-3/4"DIA.
W12 & W14	PL. 3/8x3.1/2x0'-9"	3-3/4"DIA.
W16	PL. 3/8x3.1/2x1'-0"	4-3/4"DIA.
W18	PL. 3/8x3.1/2x1'-3"	5-3/4"DIA.
W21	PL. 3/8x3.1/2x1'-6"	6-3/4"DIA.
W24	PL. 3/8x3.1/2x1'-9"	7-3/4"DIA.

1 TYPICAL BEAM TO COLUMN CONNECTION

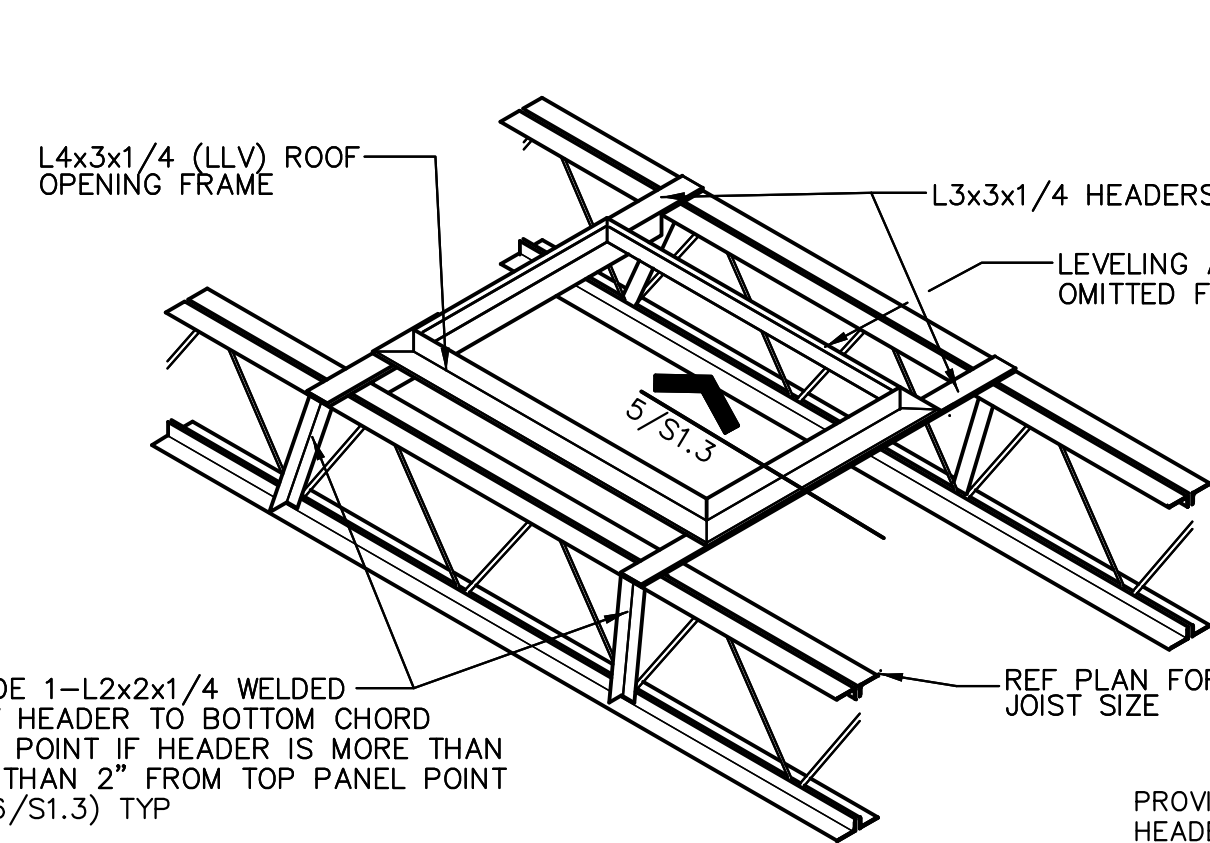


BEAM TO BEAM CONNECTION SCHEDULE		
BEAM SIZE	PL. SIZE	BOLTS
W8 & W10	PL. 3/8x3.1/2x0'-6"	2-3/4"DIA.
W12 & W14	PL. 3/8x3.1/2x0'-9"	3-3/4"DIA.
W16	PL. 3/8x3.1/2x1'-0"	4-3/4"DIA.
W18	PL. 3/8x3.1/2x1'-3"	5-3/4"DIA.
W21	PL. 3/8x3.1/2x1'-6"	6-3/4"DIA.

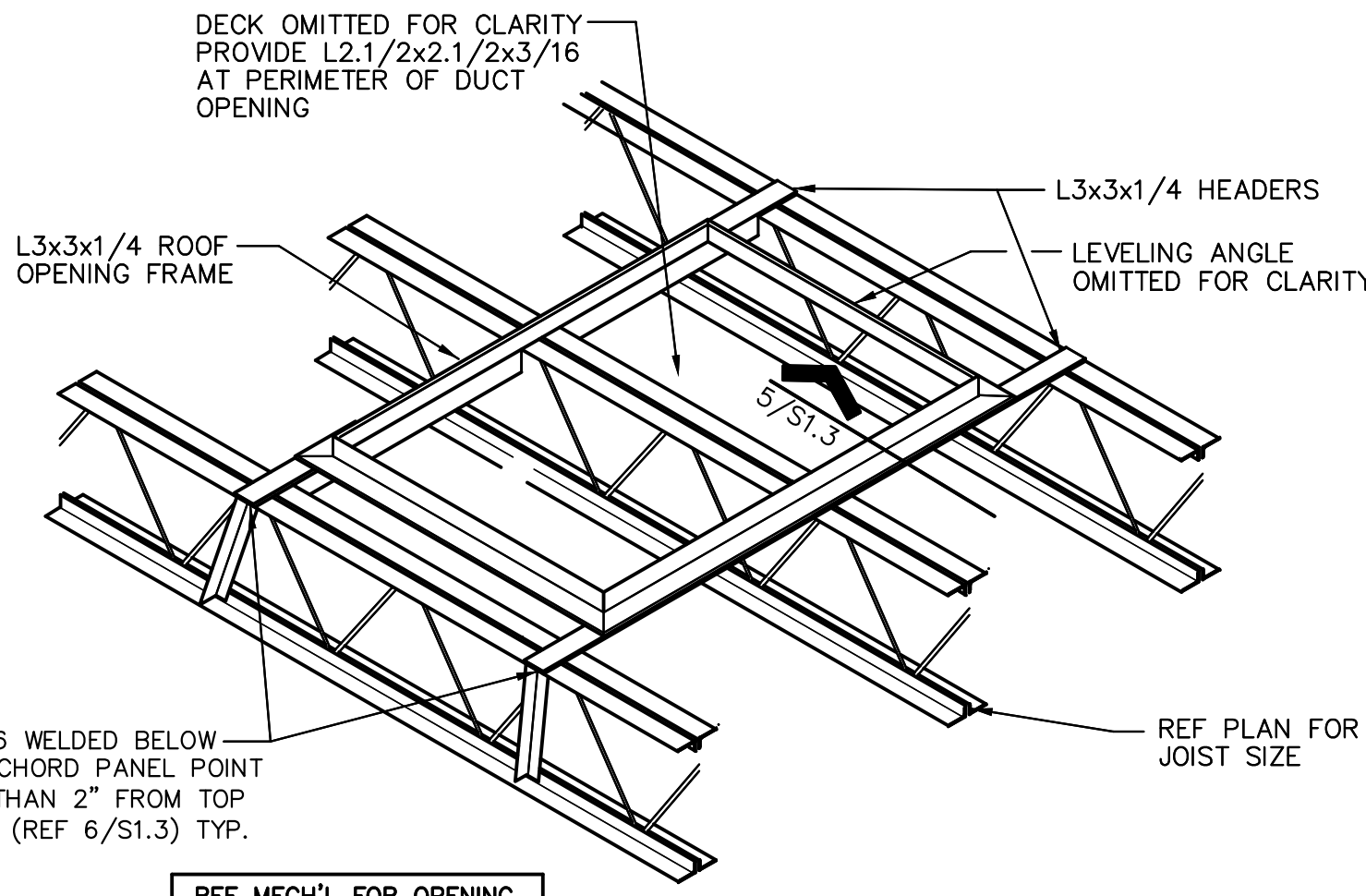
2 TYPICAL BEAM TO BEAM CONNECTION



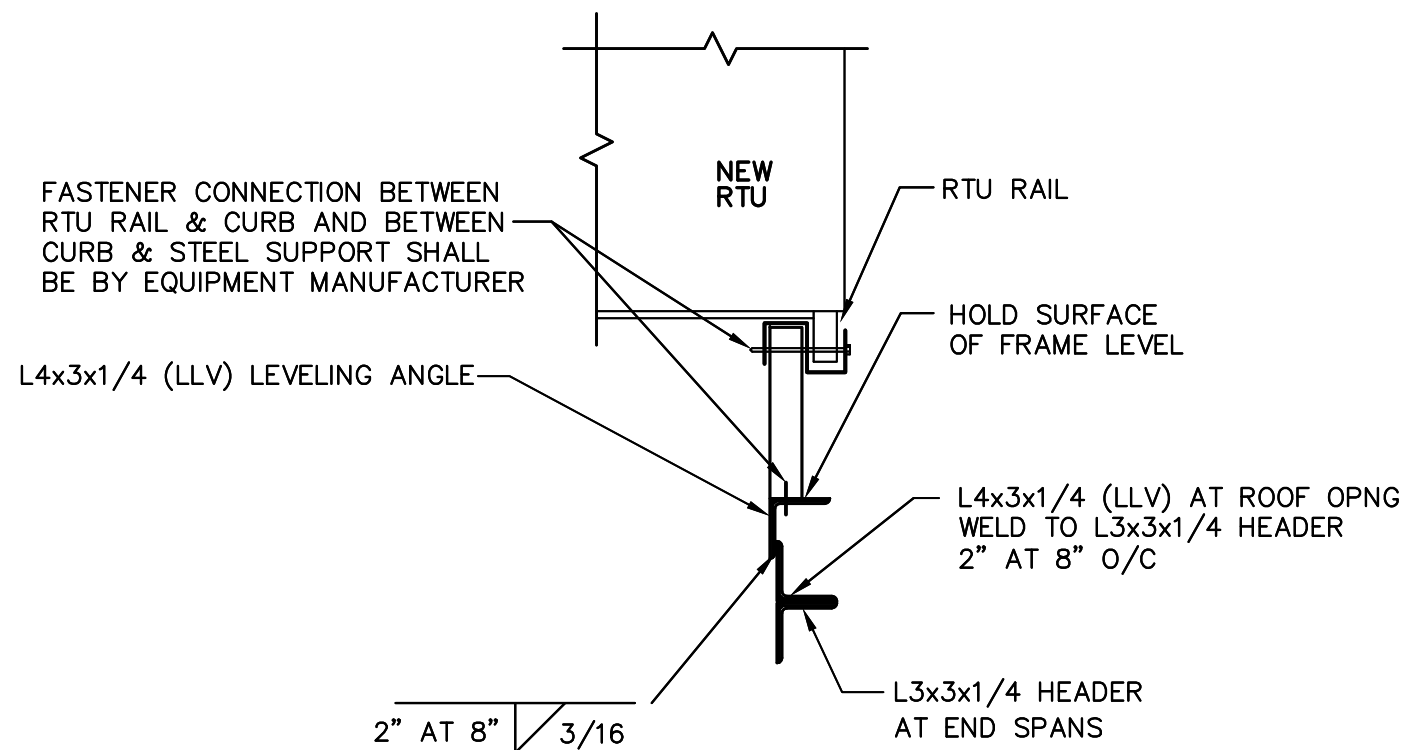
3 TYPICAL WELD LENGTH ON STL JOIST TO STL BEAM/STL PLATE CONNECTION



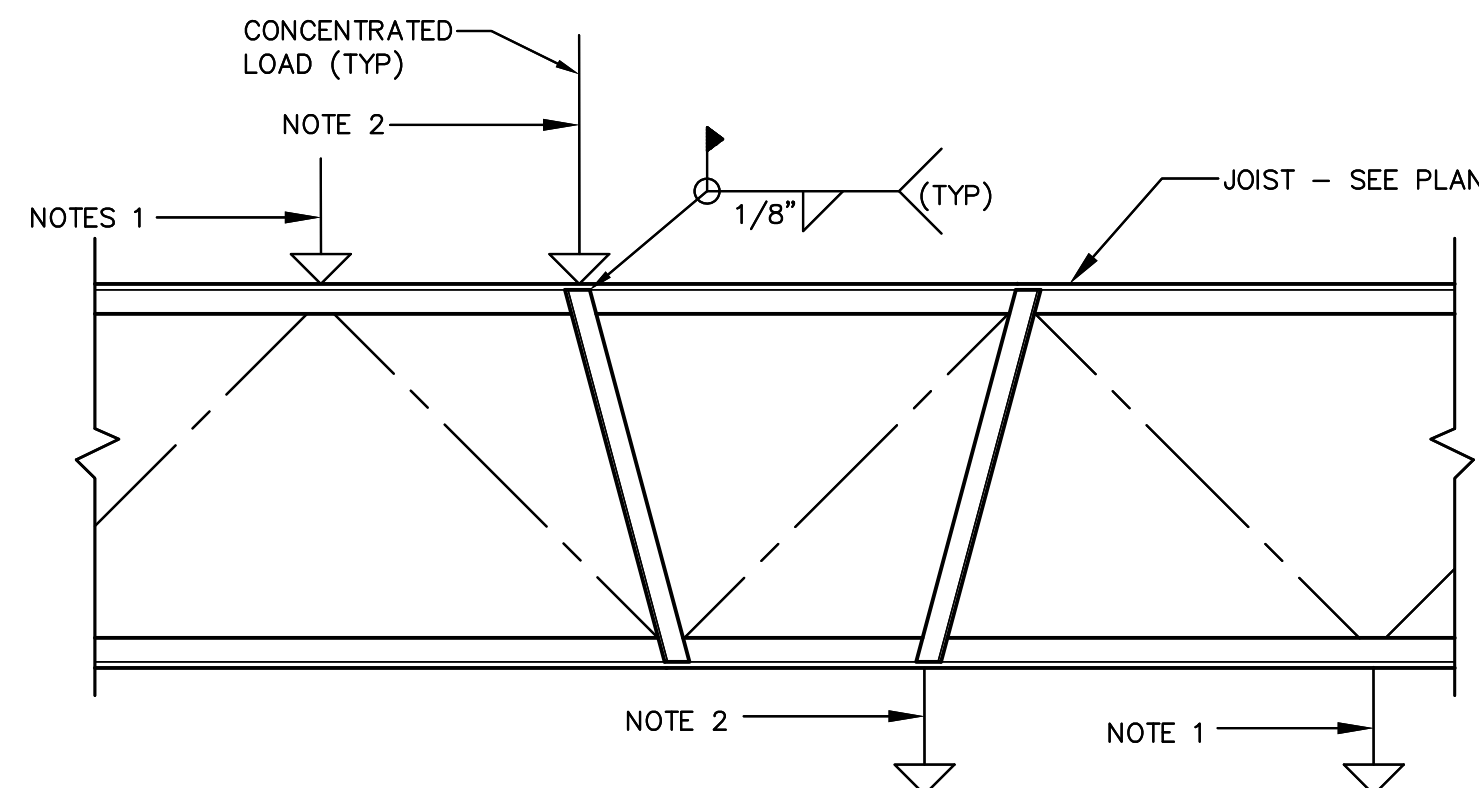
4 ROOF OPENING FRAME DETAIL



5 TYP. CONCENTRATED LOAD DETAIL

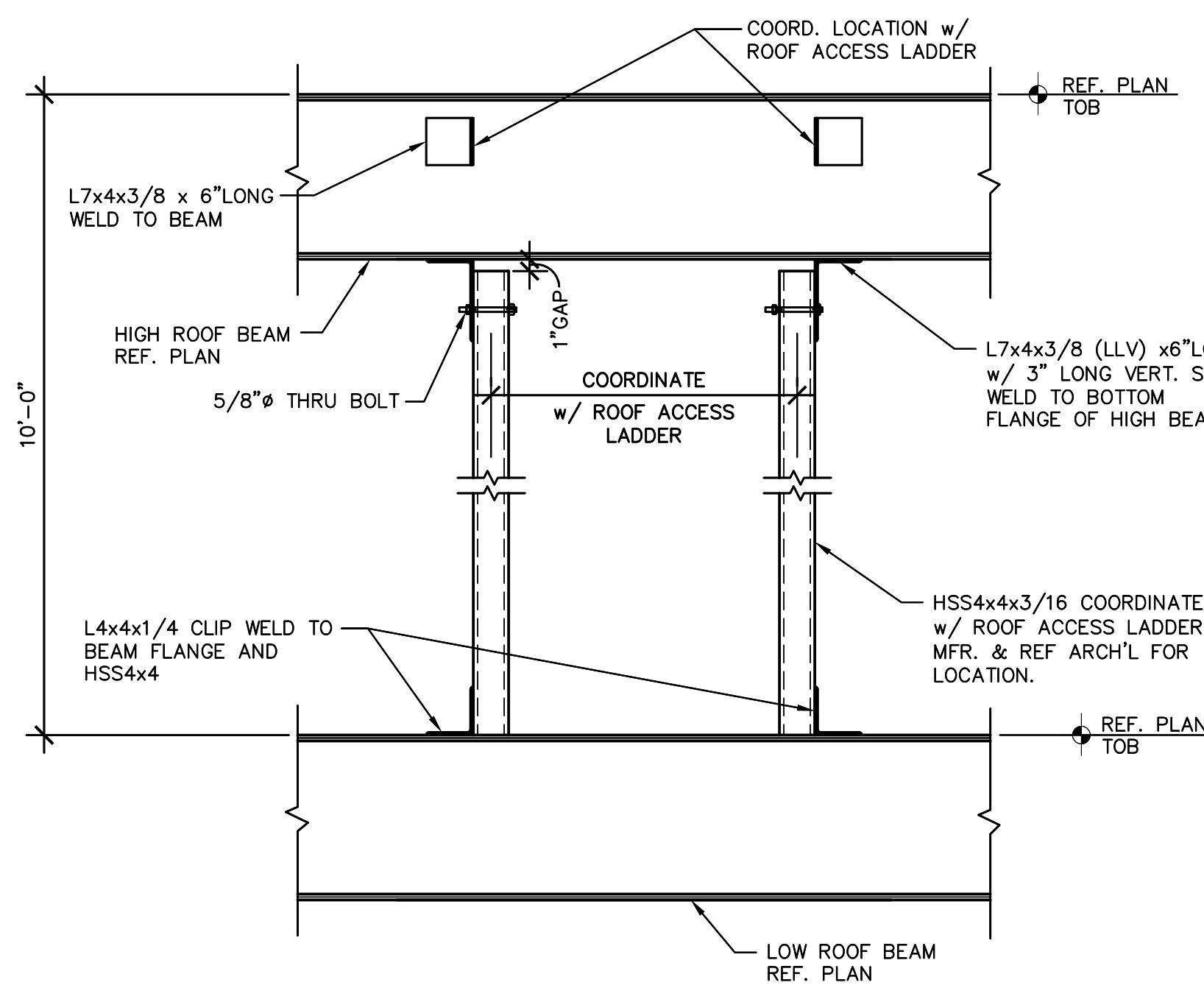


6 ROOF OPENING FRAME DETAIL (TYPICAL)

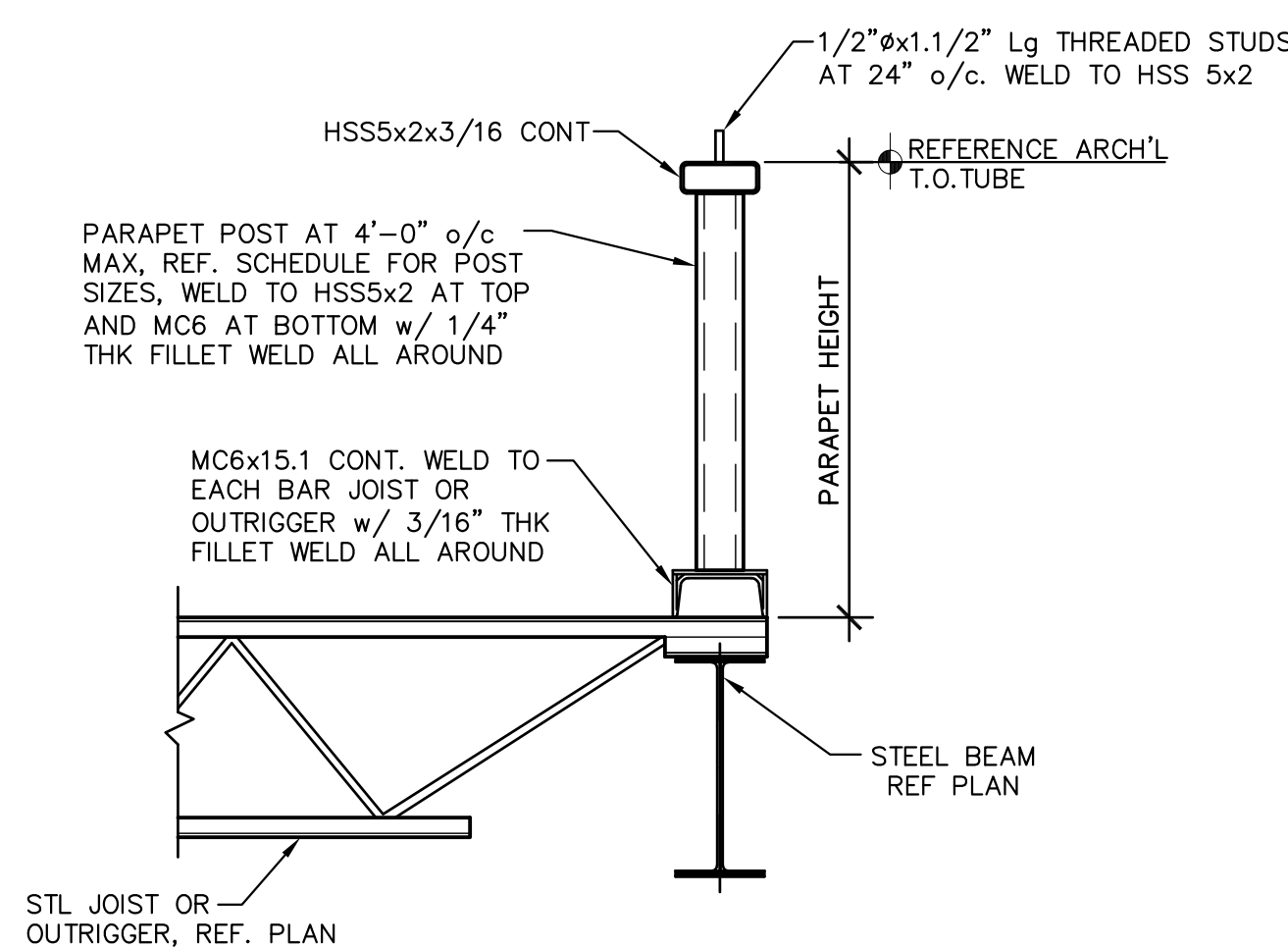


7 TYP. CONCENTRATED LOAD DETAIL

- NOTES:
1. CONCENTRATED LOAD LOCATED AT JOIST PANEL POINT LOCATION - NO ADDITIONAL ANGLES REQUIRED.
  2. CONCENTRATED LOAD (100 LBS. OR HEAVIER) NOT LOCATED AT JOIST PANEL POINT LOCATION - PROVIDE L2x2x1/4 TO PANEL POINT AS SHOWN.



9 TYPICAL ROOF ACCESS LADDER SUPPORT FRAMING



10 TYPICAL PARAPET WALL ASSEMBLY DETAIL

PARAPET POST SCHEDULE	
PARAPET HEIGHT	POST SIZE
0-2 FT	HSS3.1/2x3.1/2x1/4
2 FT-4 FT	HSS4x4x1/4
4 FT-6 FT *	HSS5x5x1/4

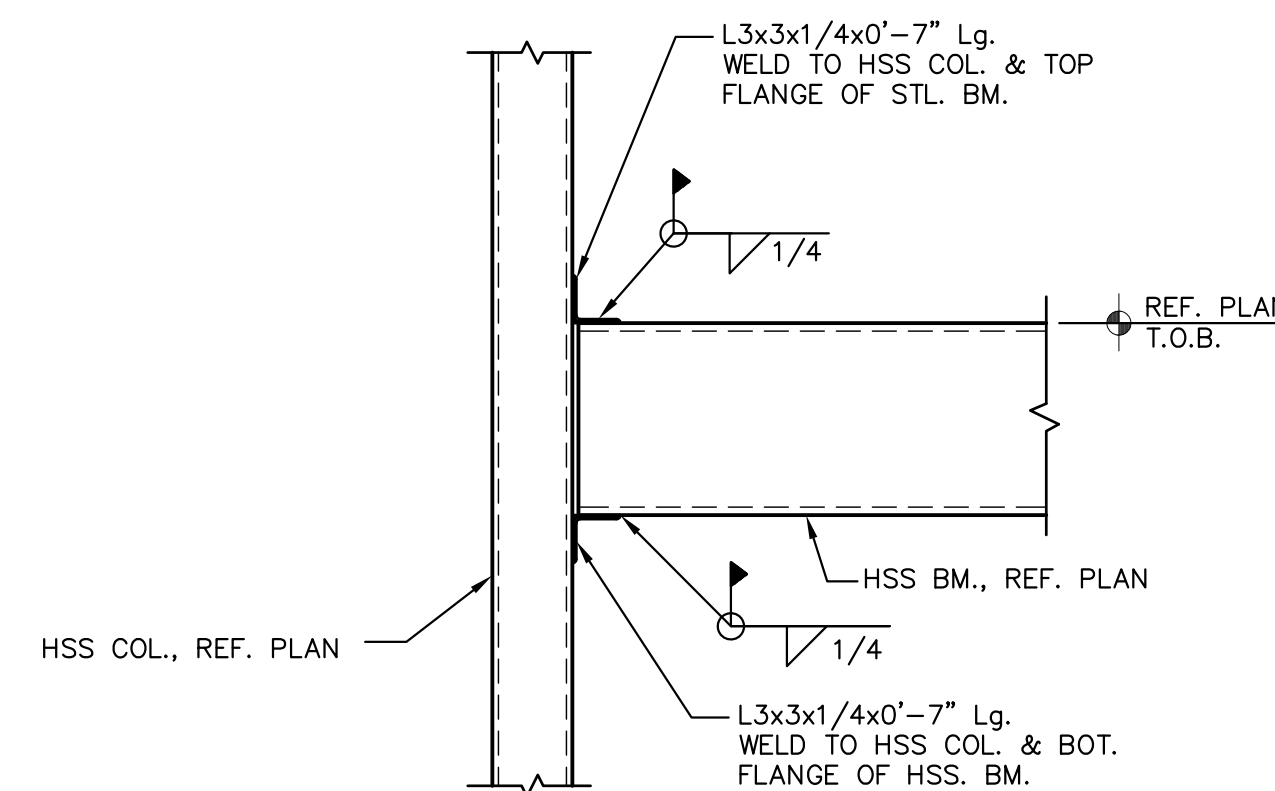
* FOR POST HEIGHTS GREATER THAN 5 FT, POST SPACING SHALL BE REDUCED TO 3'-0" o/c MAX.

7 NOT USED

8 NOT USED

11 NOT USED

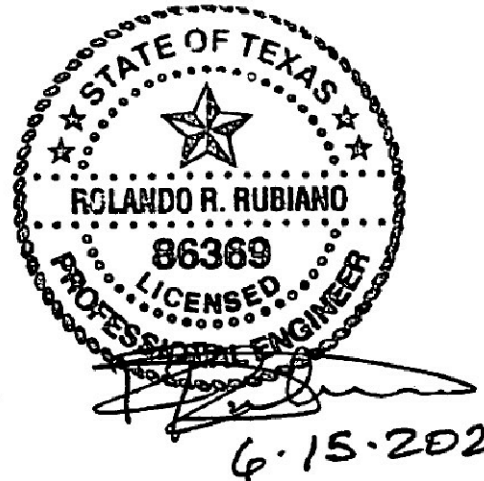
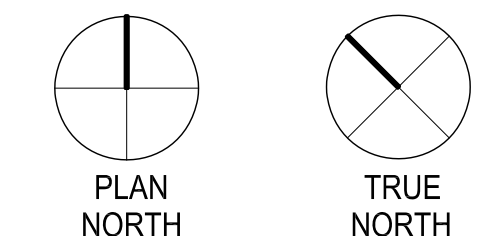
12 NOT USED



13 TYP HSS BEAM-TO-HSS COLUMN CONNECTION DETAIL



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**GENERAL STRUCTURAL DETAILS**

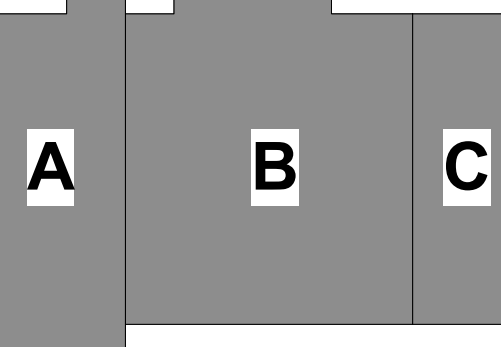




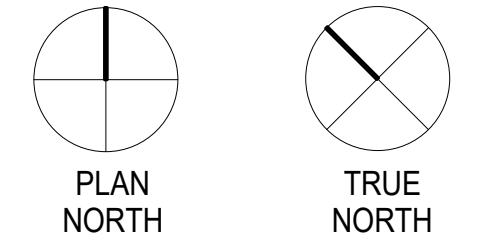
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**D**

MEZZANINE



1ST FLOOR



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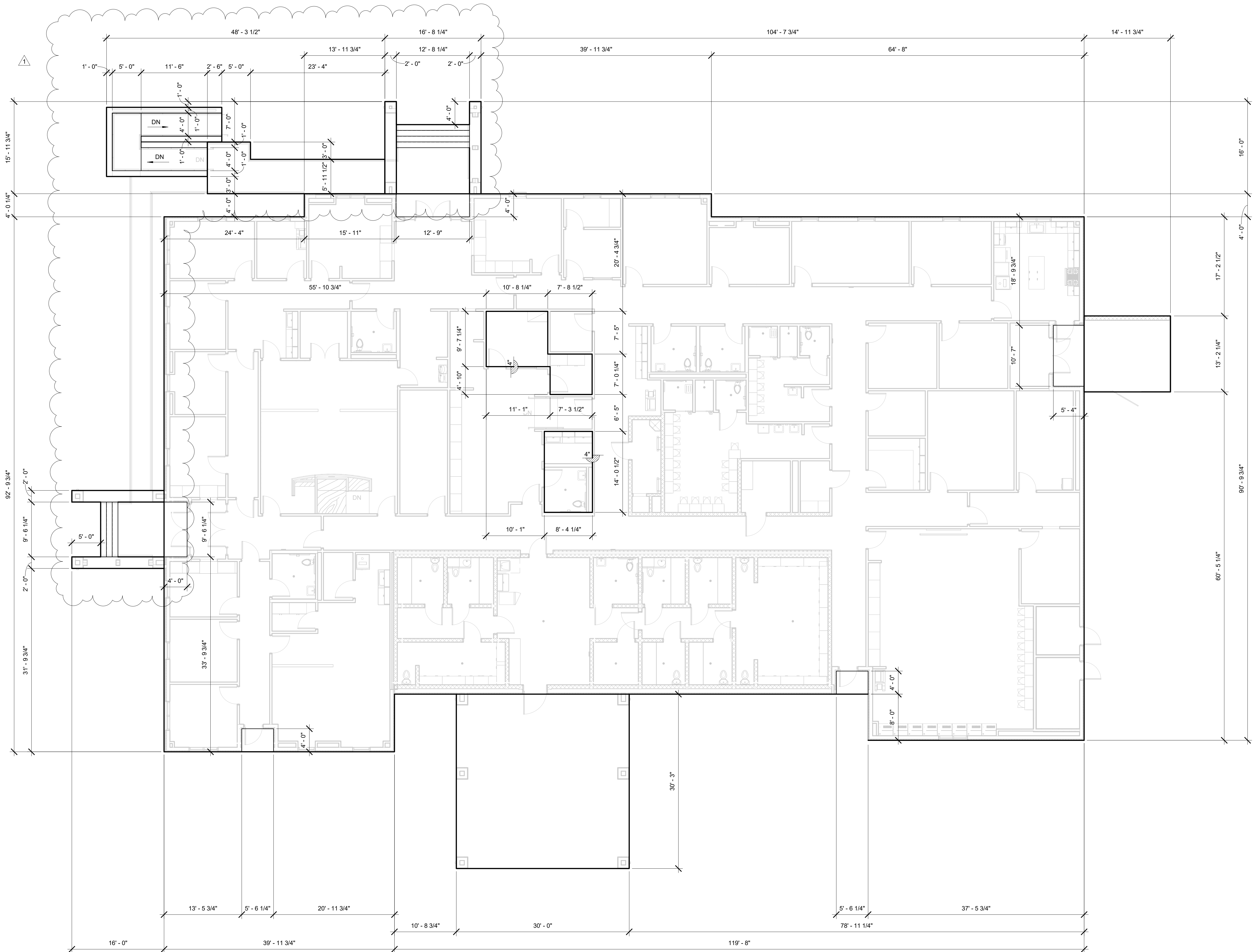
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1	ADDENDUM #2

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No.	Description
1	ADDENDUM #2

Revisions:	
No.	Description
1	ADDENDUM #2

No.	Description	Date
1	ADDENDUM #2	06/15/23

Sheet Title:  
**DIMENSION  
CONTROL PLAN**



## 1 FOUNDATION DIMENSION LIMITS PLAN

1/8" = 1'-0"

NOTES:

- REFERENCE ARCHITECTURAL & CIVIL FOR BUILDING LOCATION AND ORIENTATION.
- REFERENCE 1/S2.1, 1/S2.1C, 1/S2.1P FOR FOUNDATION PLANS.



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WWW.GRAENGINEERING.COM  
PROFESSIONAL REGISTRATION #141402

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**S2.0**

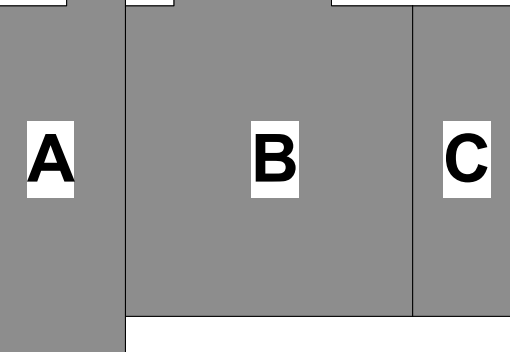




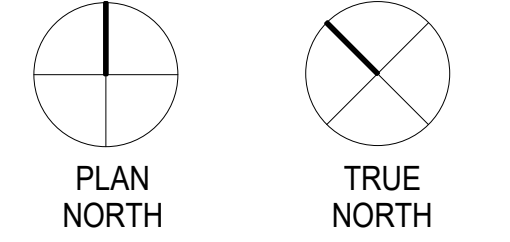
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MEZZANINE



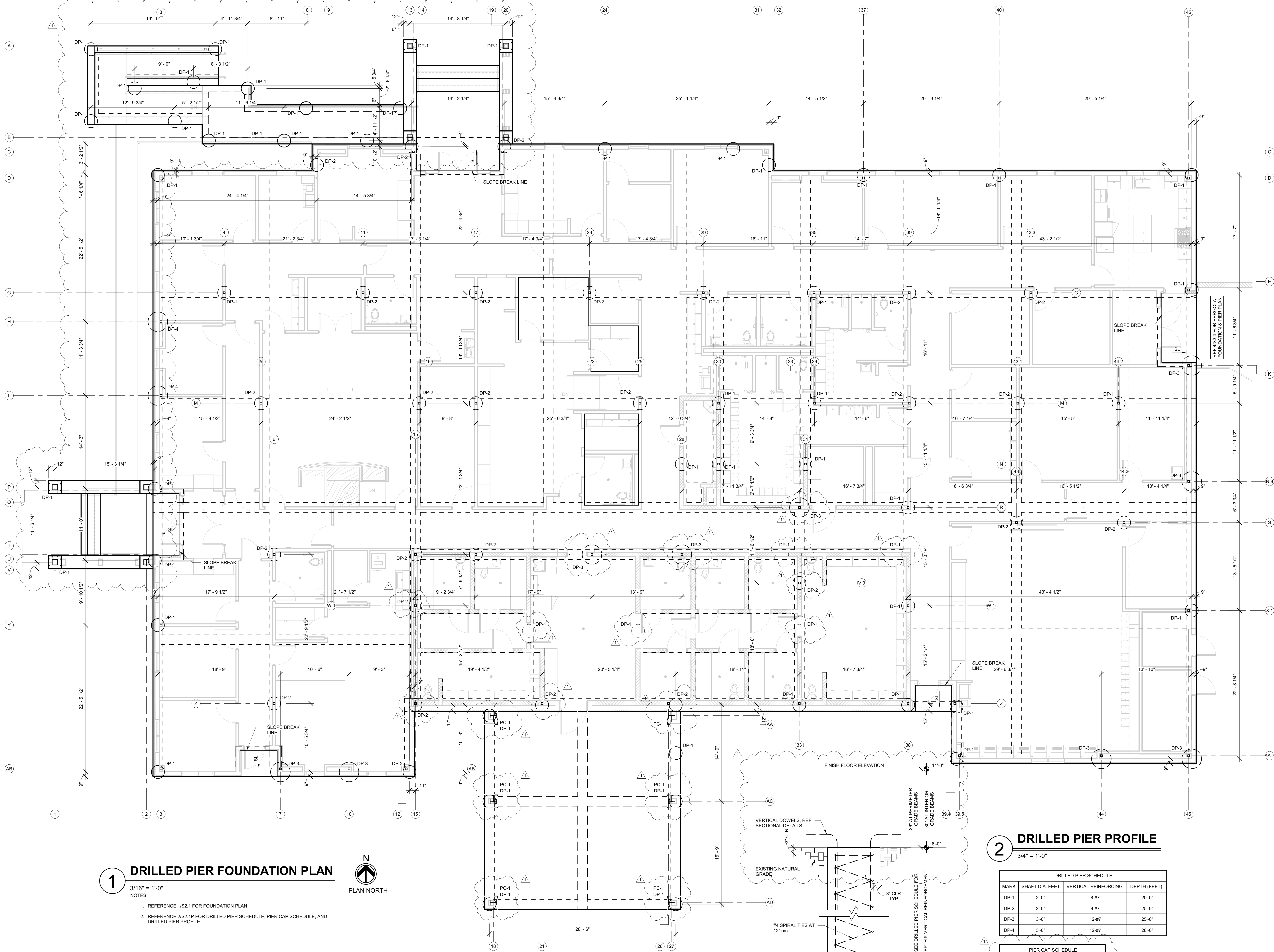
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**DRILLED PIER  
FOUNDATION PLAN**



**1 DRILLED PIER FOUNDATION PLAN**

- NOTES:
- REFERENCE 1/52.1 FOR FOUNDATION PLAN
  - REFERENCE 2/52.1P FOR DRILLED PIER SCHEDULE, PIER CAP SCHEDULE, AND DRILLED PIER PROFILE.

**2 DRILLED PIER PROFILE**

3/4" = 1'-0"

DRILLED PIER SCHEDULE			
MARK	SHAFT DIA. FEET	VERTICAL REINFORCING	DEPTH (FEET)
DP-1	2'-0"	8-#7	20'-0"
DP-2	2'-0"	8-#7	25'-0"
DP-3	3'-0"	12-#7	25'-0"
DP-4	3'-0"	12-#7	28'-0"

PIER CAP SCHEDULE		
MARK	SIZE	REINFORCING
PC-1	2'-0" x 2'-0"	#5% AT 12" OCEW





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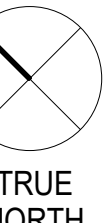
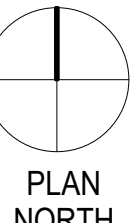
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1ST FLOOR

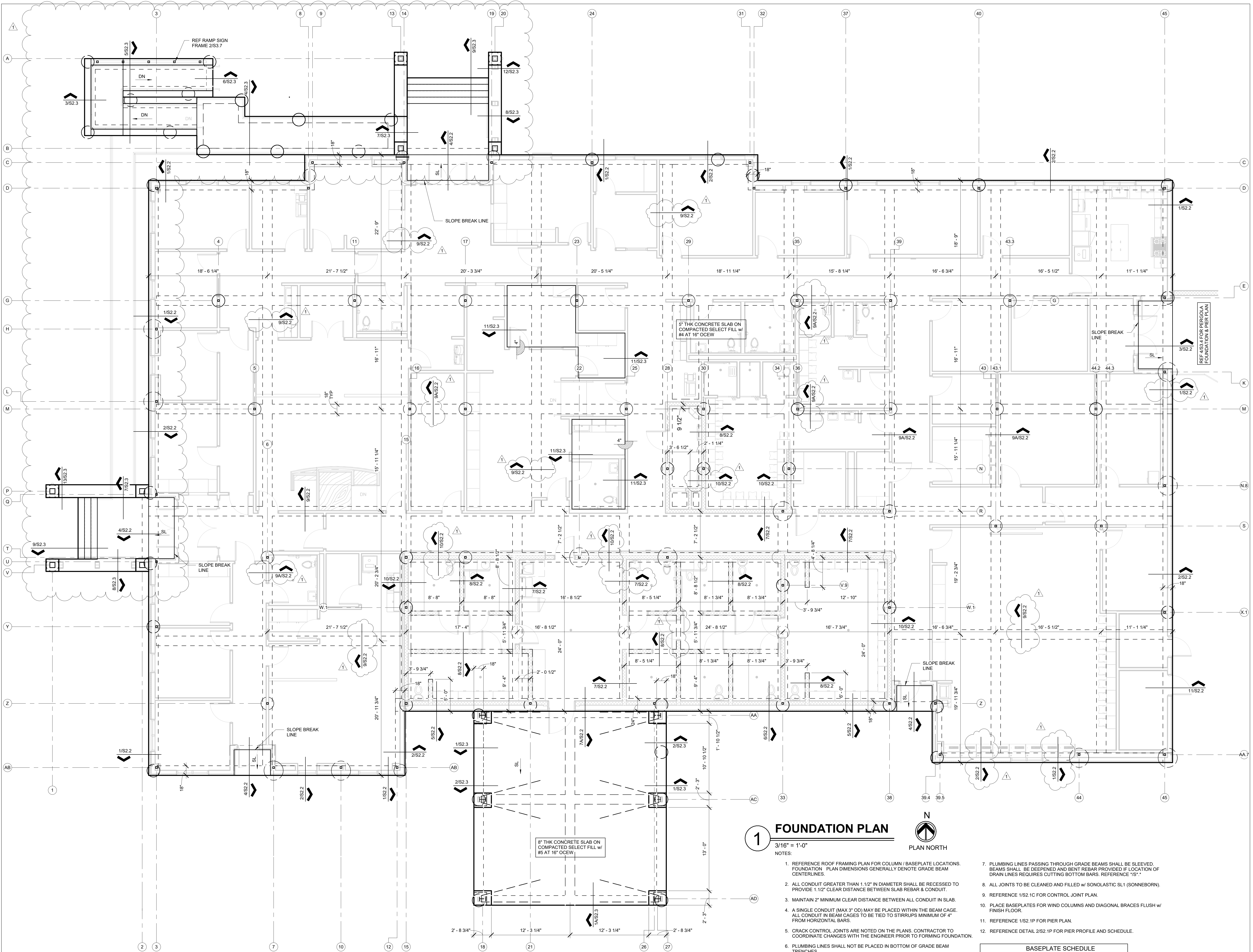


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**FOUNDATION PLAN**

S2.1



**1 FOUNDATION PLAN**

3/16" = 1'-0"

NOTES:

- REFERENCE ROOF FRAMING PLAN FOR COLUMN / BASEPLATE LOCATIONS. FOUNDATION PLAN DIMENSIONS GENERALLY DENOTE GRADE BEAM CENTERLINES.
- ALL CONDUIT GREATER THAN 1 1/2" IN DIAMETER SHALL BE RECESSED TO PROVIDE 1 1/2" CLEAR DISTANCE BETWEEN SLAB REBAR & CONDUIT.
- MAINTAIN 2" MINIMUM CLEAR DISTANCE BETWEEN ALL CONDUIT IN SLAB.
- A SINGLE CONDUIT (MAX 3" OD) MAY BE PLACED WITHIN THE BEAM CAGE. ALL CONDUIT IN BEAM CAGES TO BE TIED TO STIRRUPS MINIMUM OF 4" FROM HORIZONTAL BARS.
- CRACK CONTROL JOINTS ARE NOTED ON THE PLANS. CONTRACTOR TO COORDINATE CHANGES WITH THE ENGINEER PRIOR TO FORMING FOUNDATION.
- PLUMBING LINES SHALL NOT BE PLACED IN BOTTOM OF GRADE BEAM TRENCHES.
- PLUMBING LINES PASSING THROUGH GRADE BEAMS SHALL BE SLEEVED. BEAMS SHALL BE DEEPEND AND BENT REBAR PROVIDED IF LOCATION OF DRAIN LINES REQUIRES CUTTING BOTTOM BARS. REFERENCE 'IS'.
- ALL JOINTS TO BE CLEANED AND FILLED w/ SONOLASTIC SL1 (SONNEBORN).
- REFERENCE 1/S2.1C FOR CONTROL JOINT PLAN.
- PLACE BASEPLATES FOR WIND COLUMNS AND DIAGONAL BRACES FLUSH w/ FINISH FLOOR.
- REFERENCE 1/S2.1P FOR PIER PLAN.
- REFERENCE DETAIL 2/S2.1P FOR PIER PROFILE AND SCHEDULE.

BASEPLATE SCHEDULE		
COLUMN	PLATE TxBxL	ANCHORS
HSS3 1/2x3 1/2	1/2X8X8	4-1/2" Ø x 12" WHS
HSS4x4	3/4X8X8	4-3/4" Ø x 12" WHS
HSS5x5	3/4x9x9	4-3/4" Ø x 12" WHS





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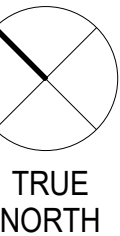
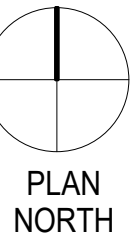
MEZZANINE

A

B

C

1ST FLOOR

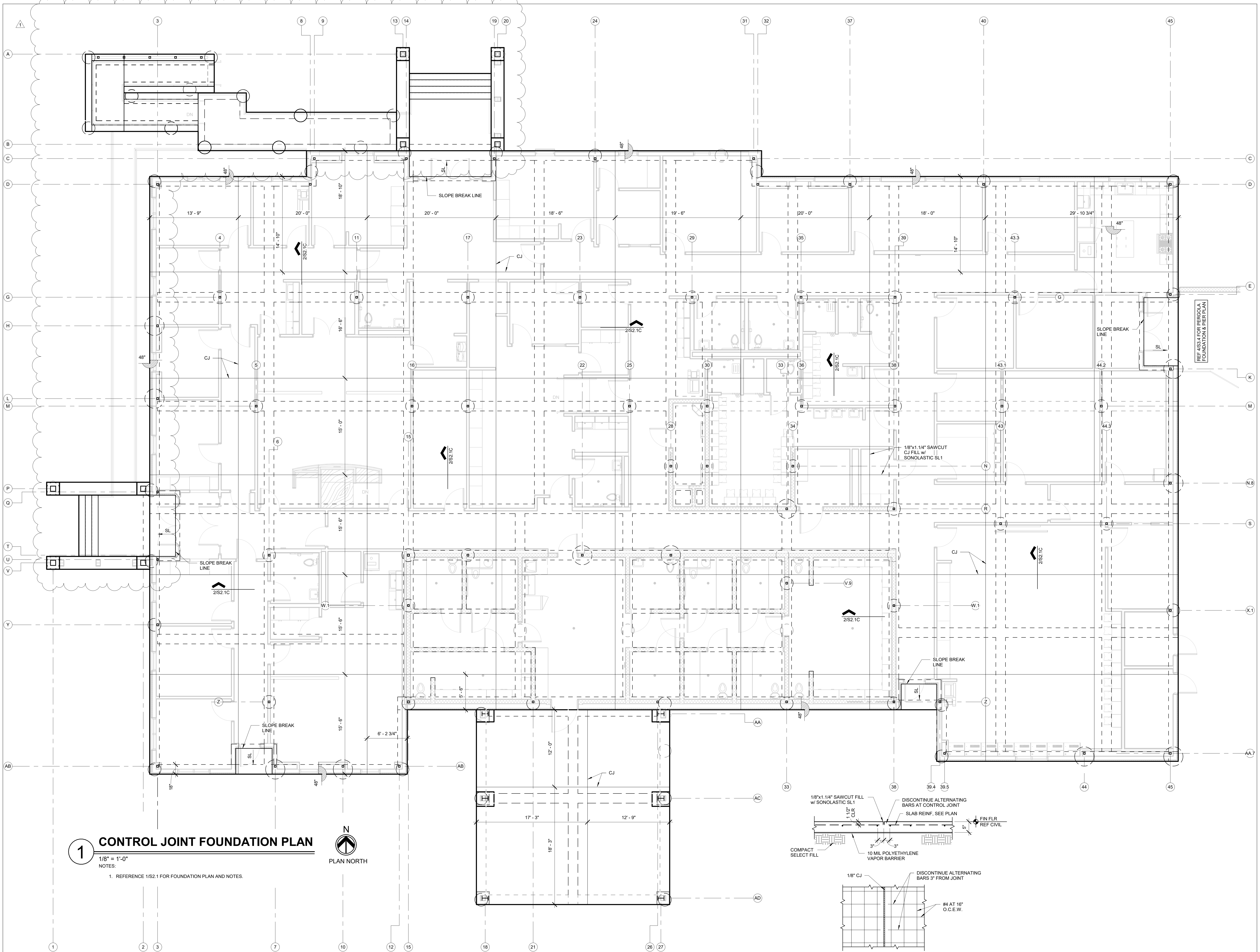


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**CONTROL JOINT  
FOUNDATION PLAN**

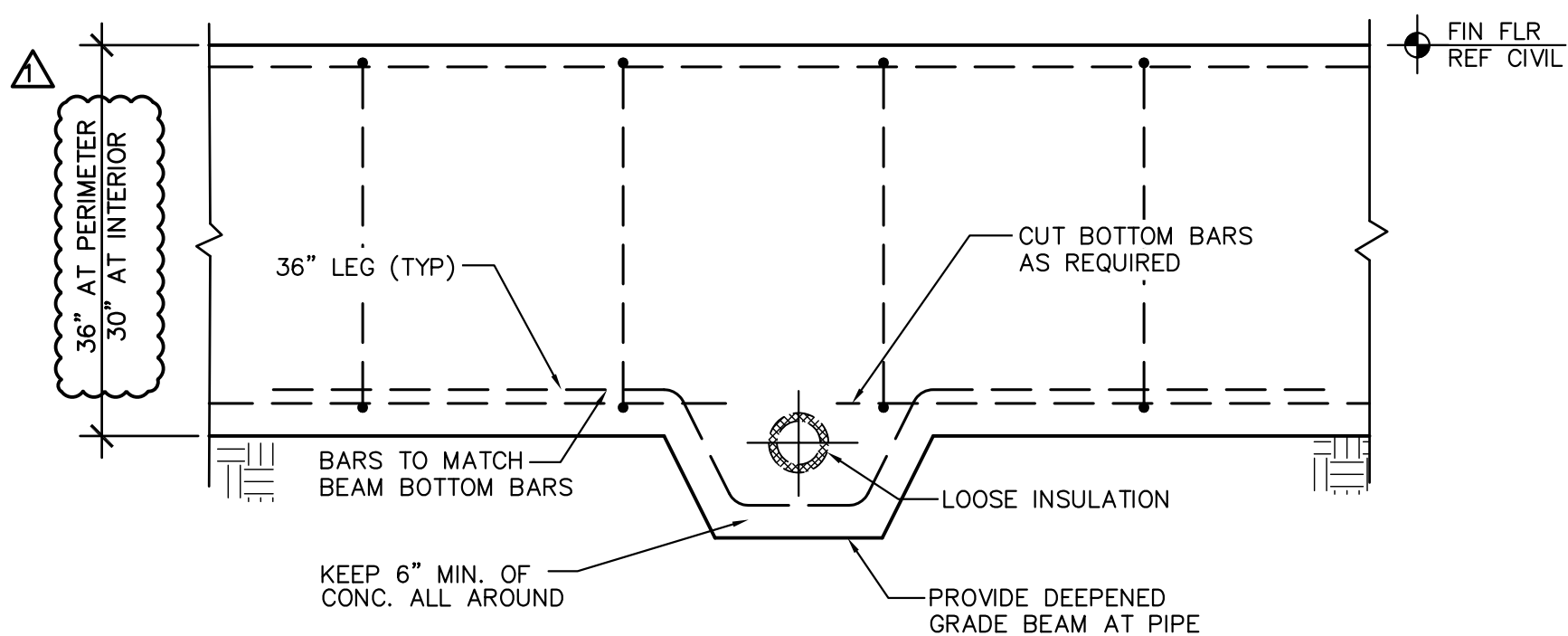
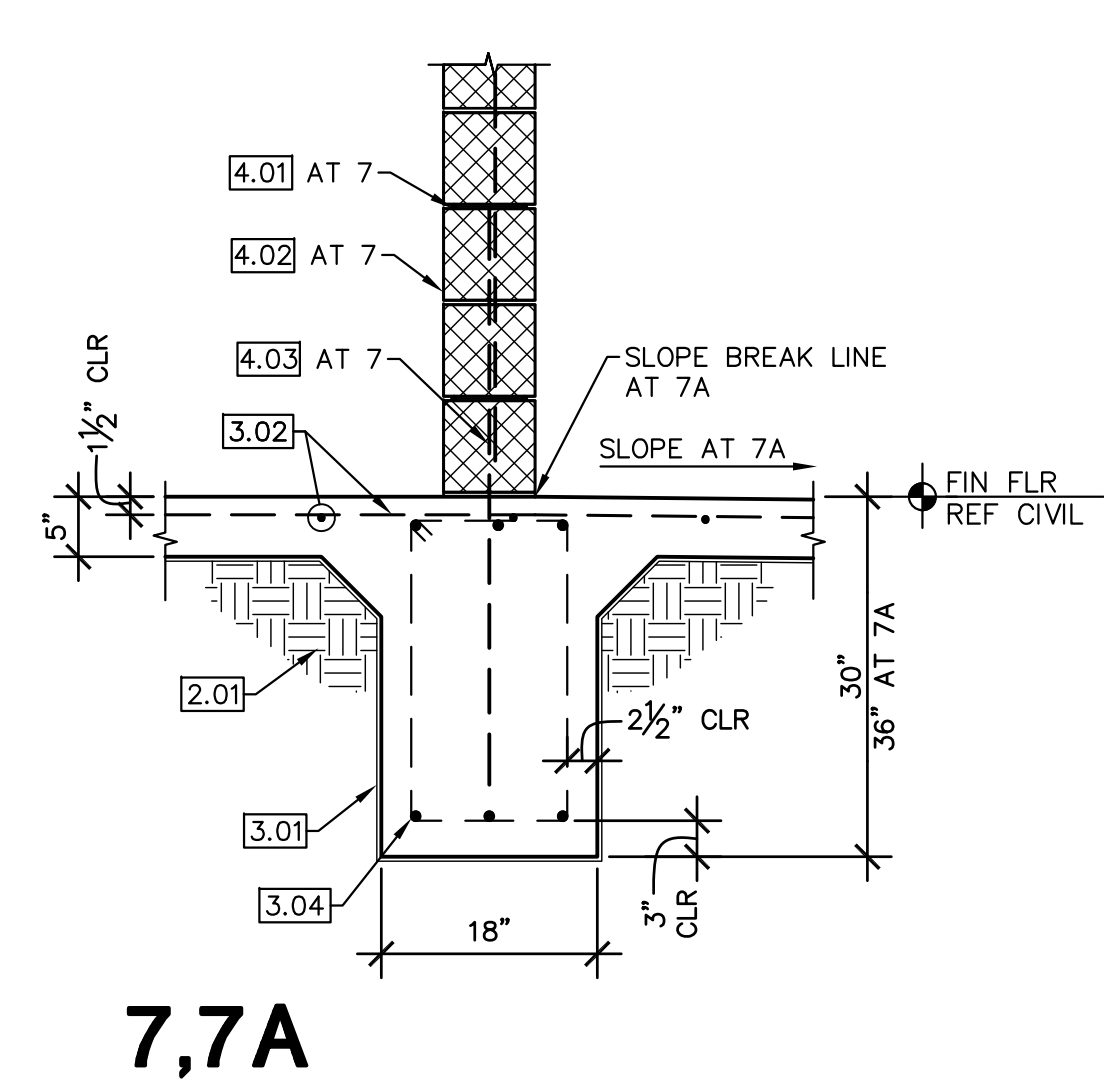
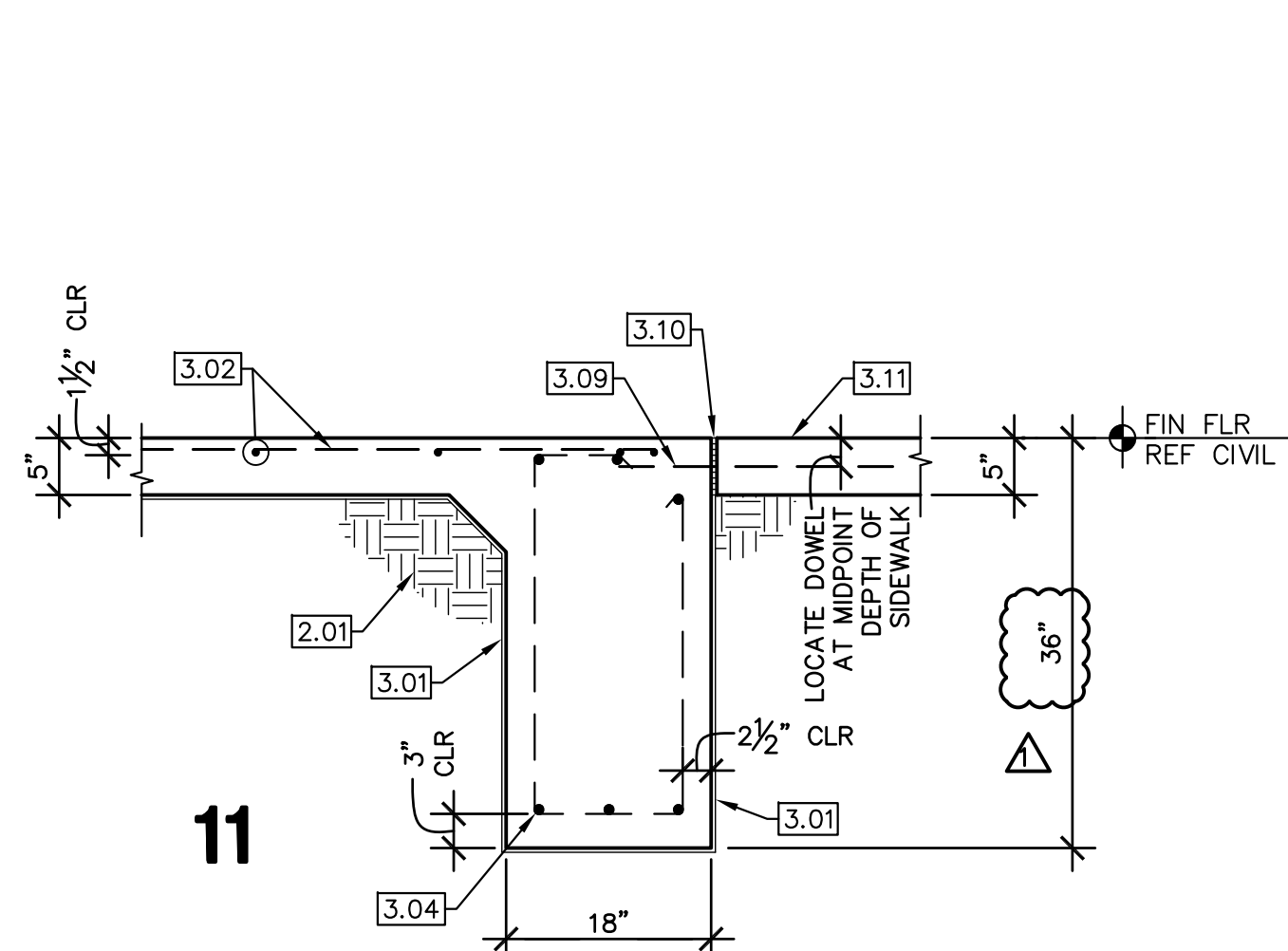
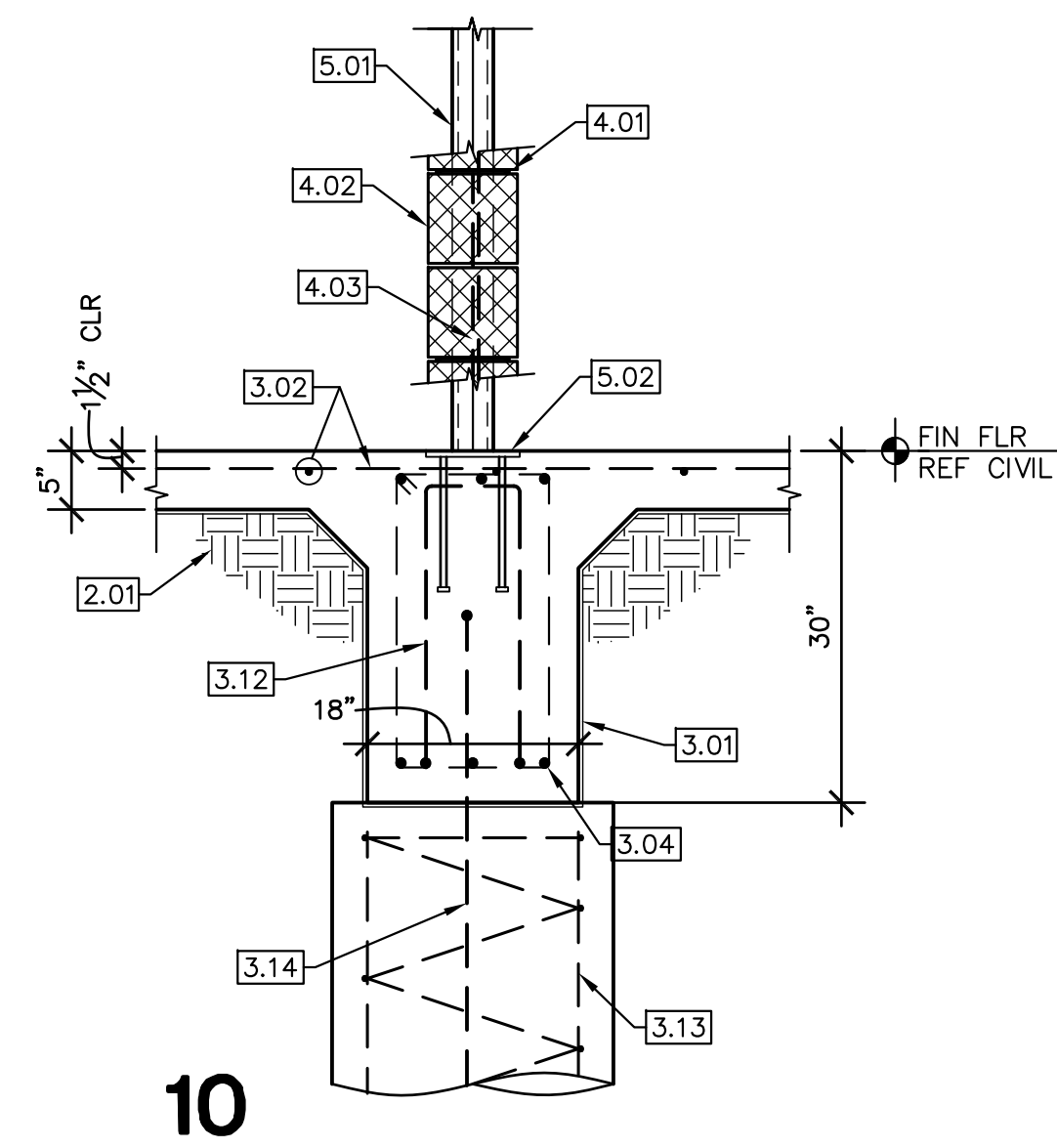
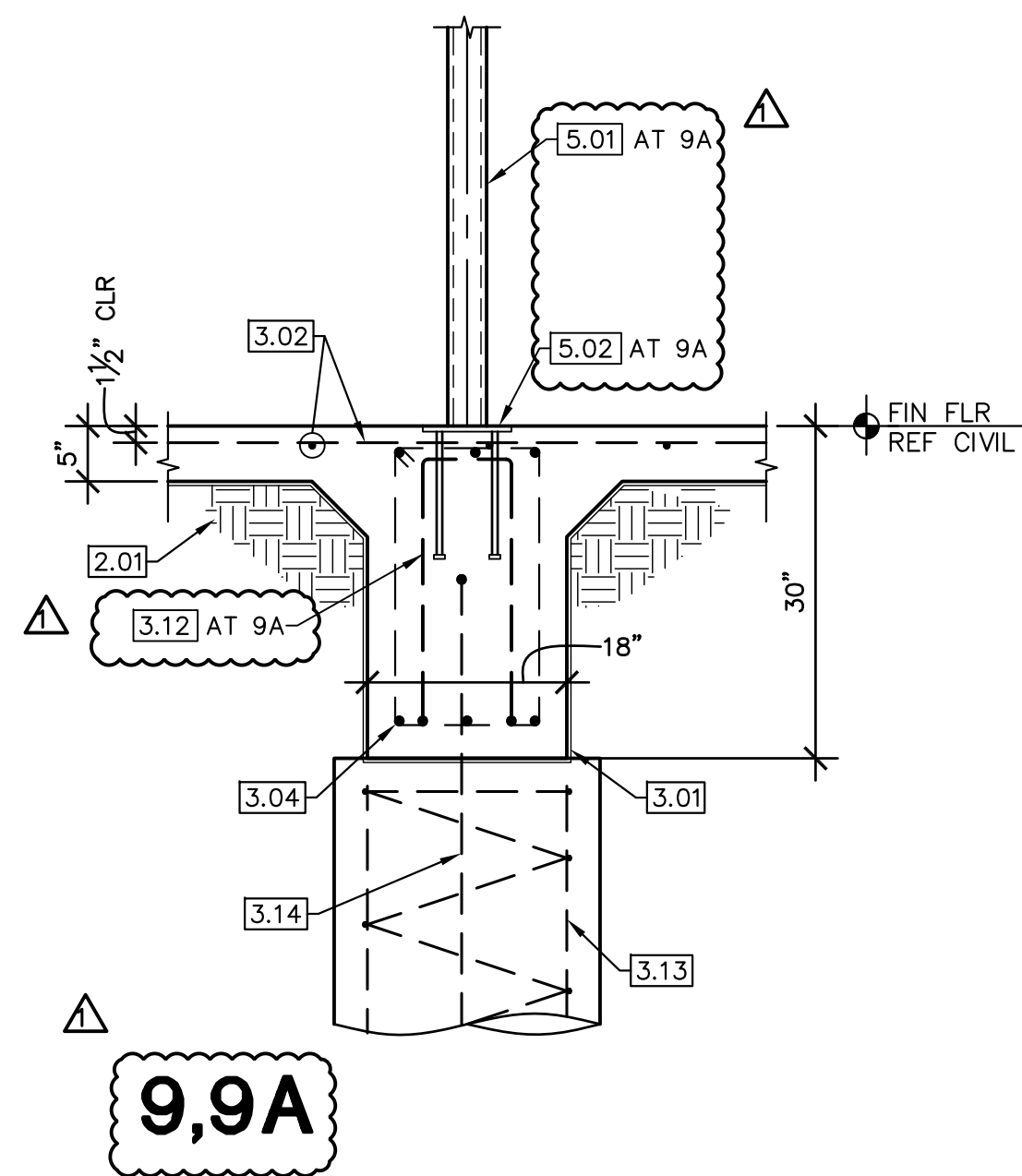
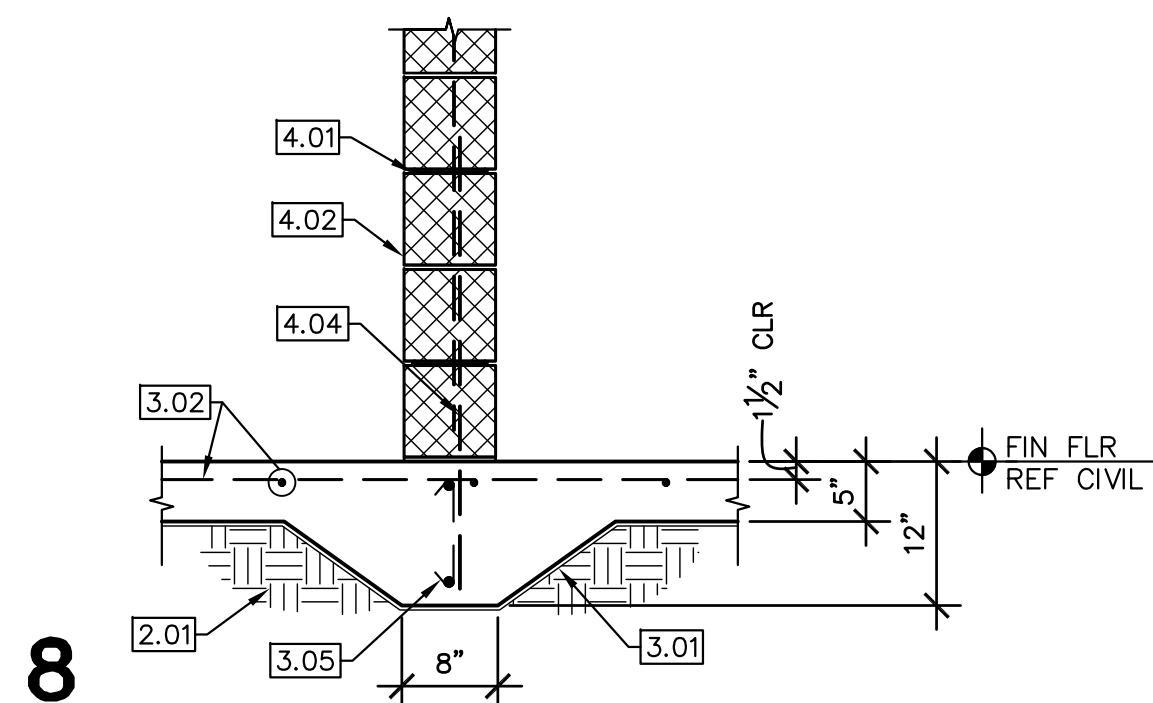
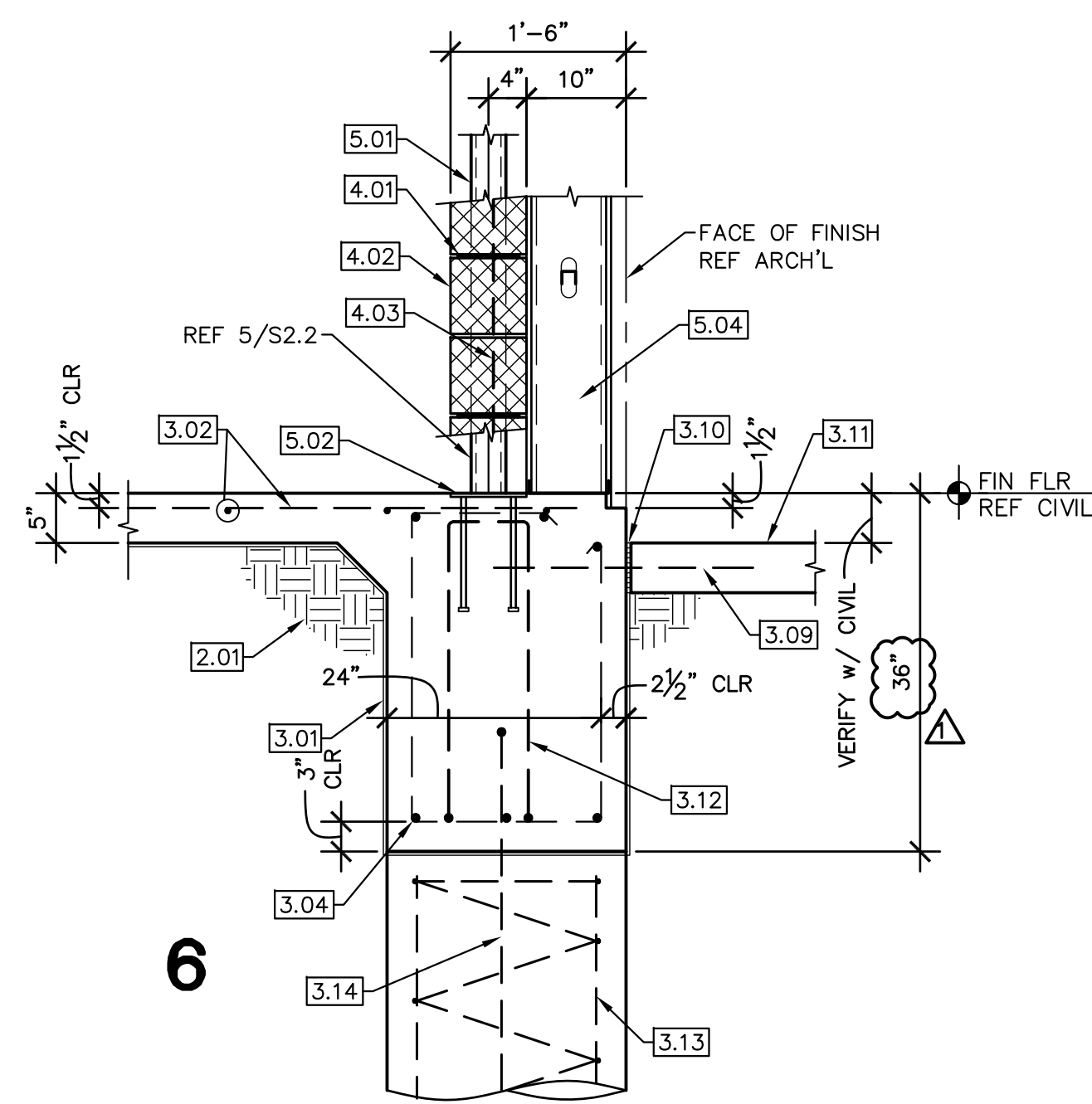
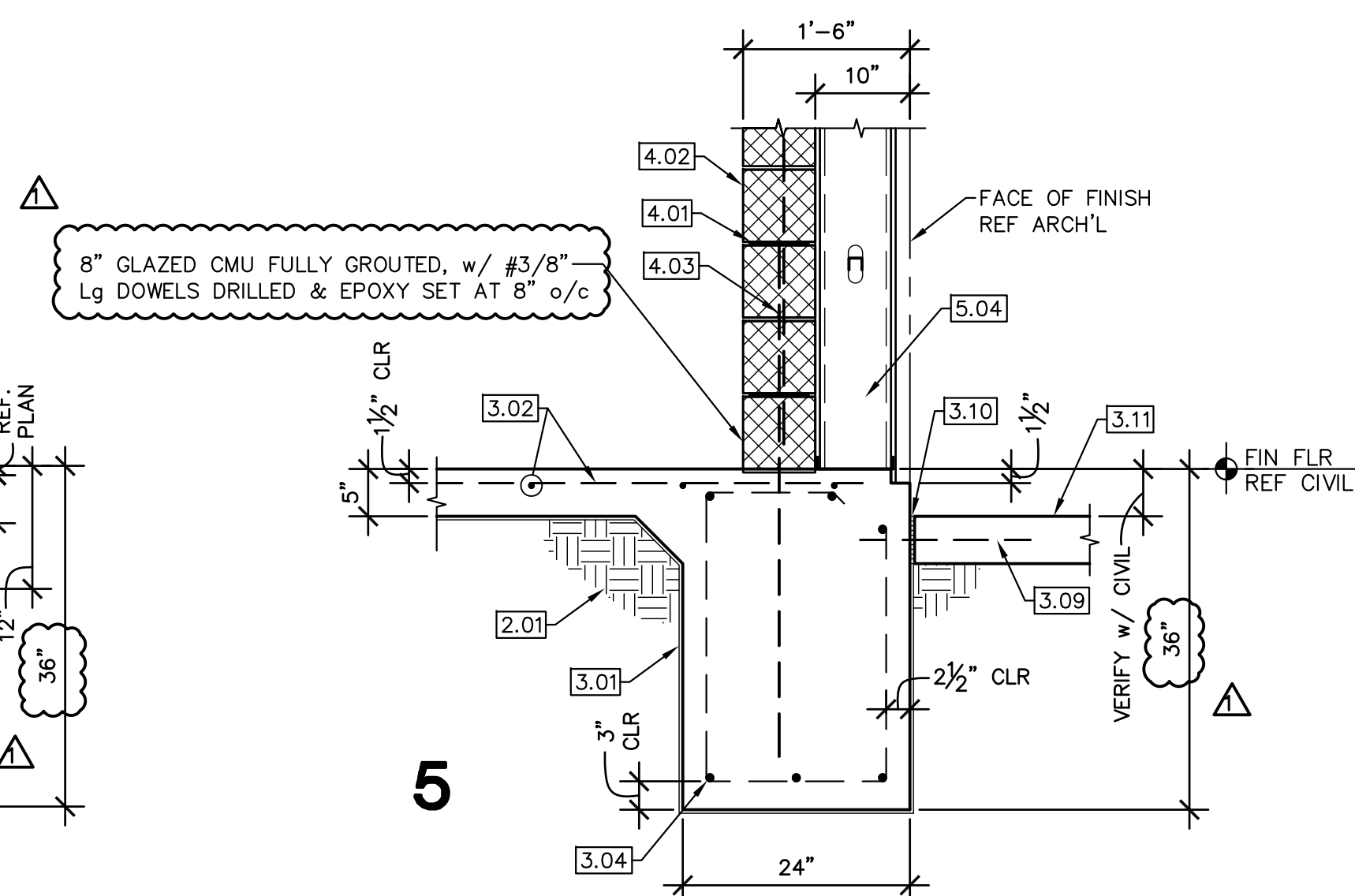
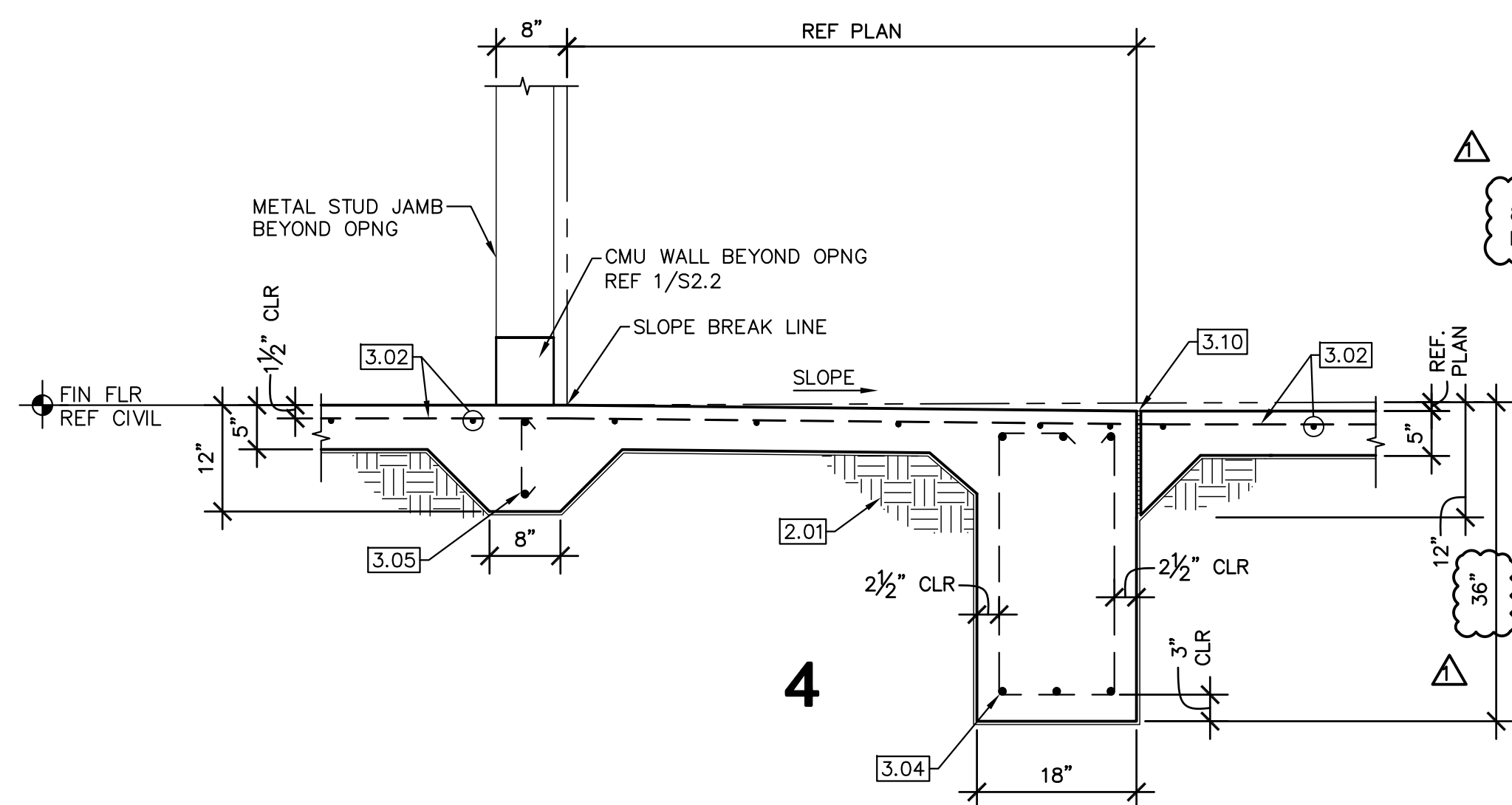
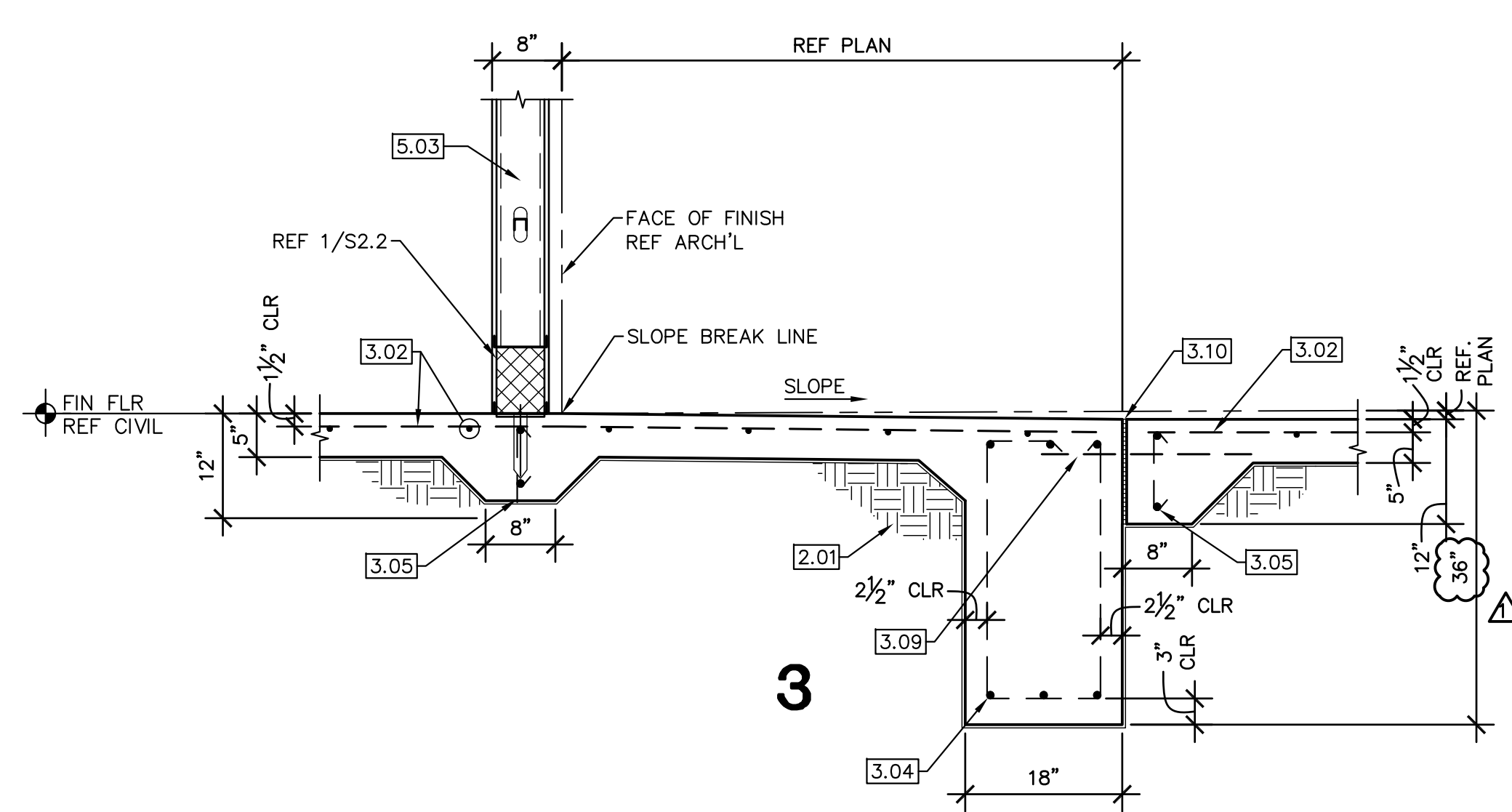
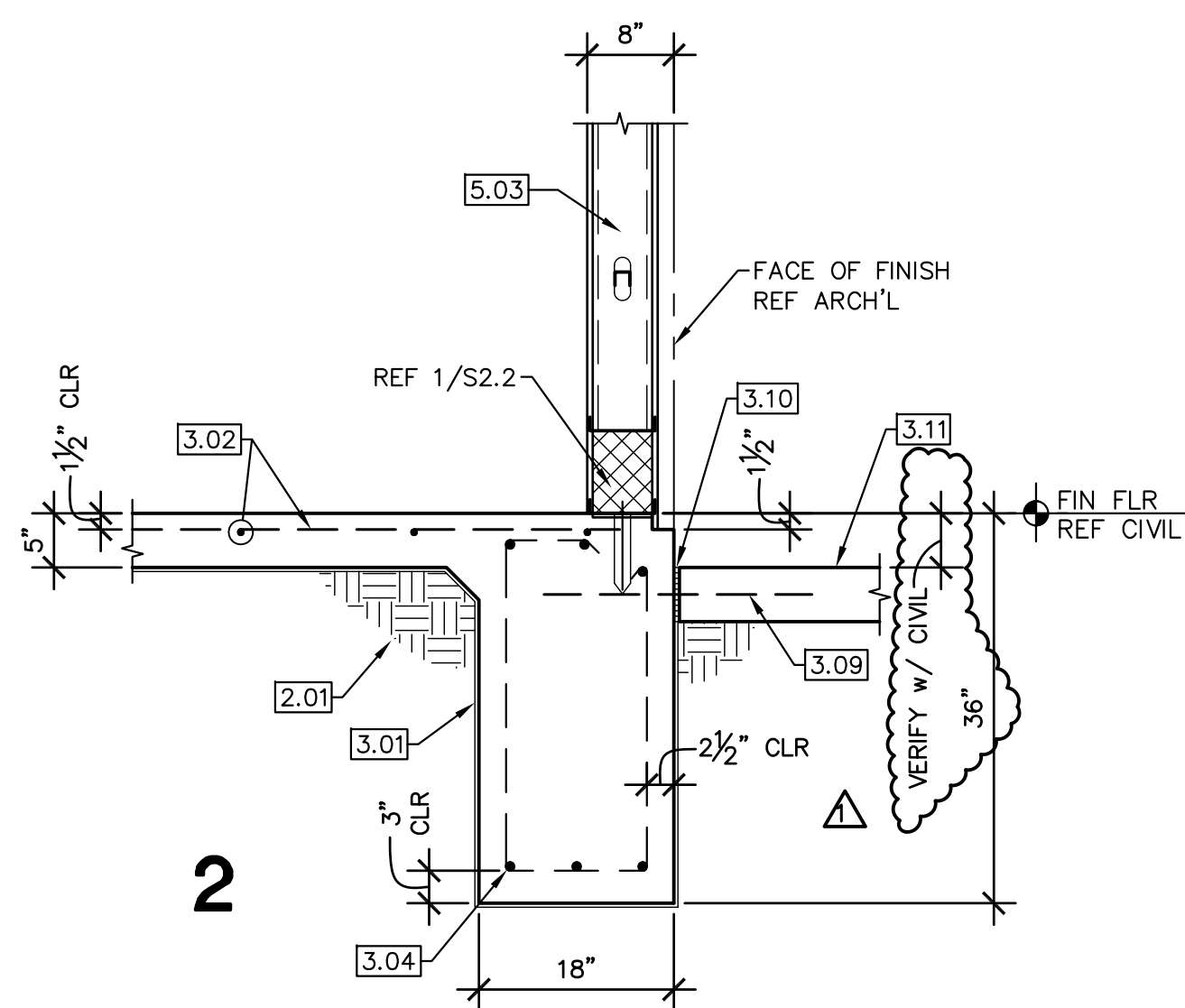
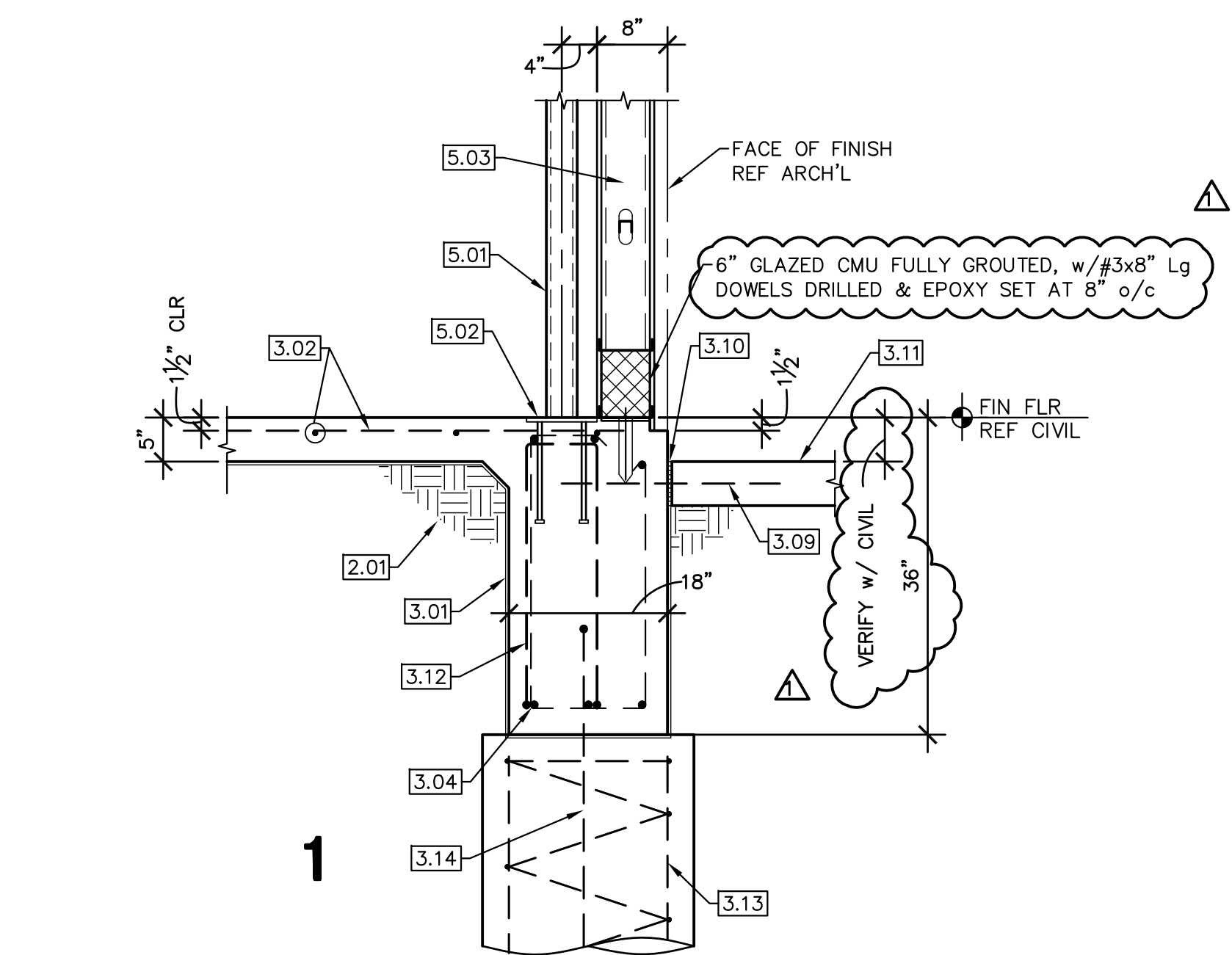


## 2 CONTROL JOINT

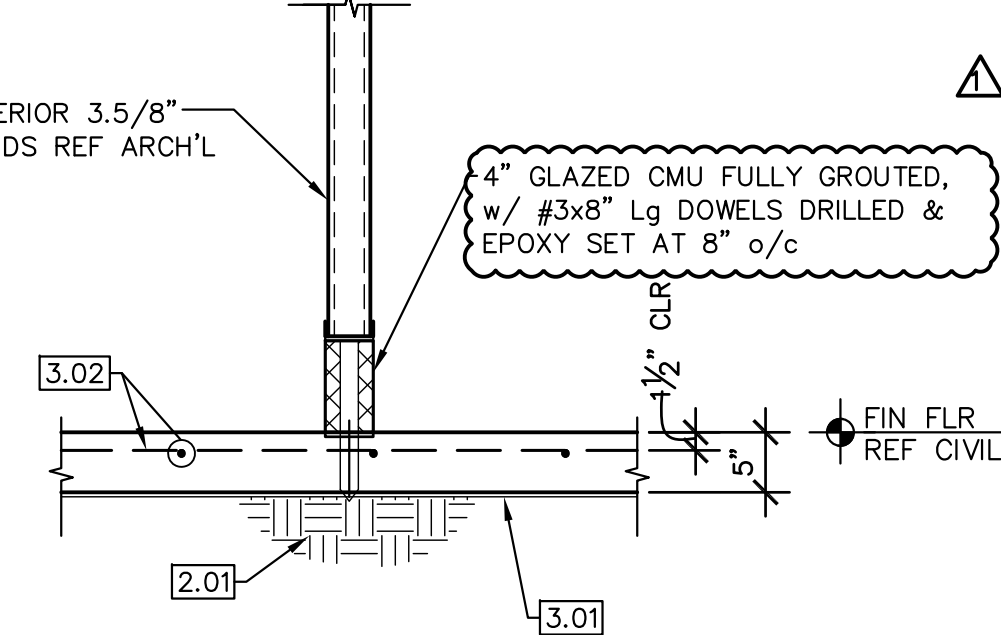
NOTE:

- ALL JOINTS ARE TO BE CLEANED AND FILLED WITH SONOLASTIC SL-1 (SONNEBORN)



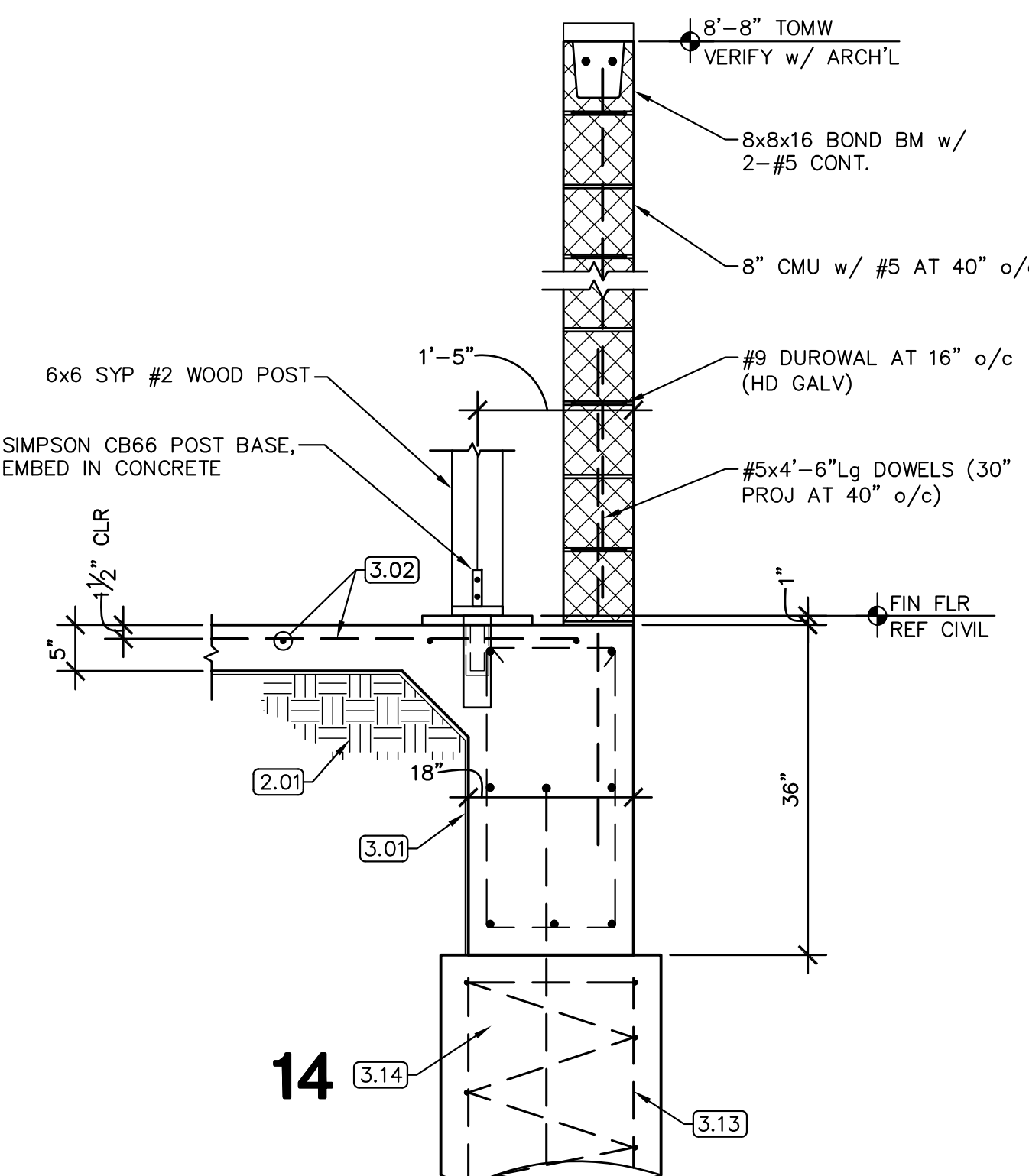


**12 TOP OF SLEEVE INTERRUPTS REINFORCING**



**13 TYPICAL 4' CMU DETAIL AT INTERIOR 3.5/8" STUD WALLS**

NOTE:  
1. REFERENCE ARCHITECTURAL OF LENGTH AND LOCATION OF INTERIOR WALLS.



**14**

## DIVISION 2 EARTH WORK

2.01 COMPACTED SELECT FILL.

## DIVISION 3 CONCRETE

3.01 10 MIL POLYETHYLENE VAPOR BARRIER (CLEAR)

3.02 SLAB REINFORCEMENT, REF PLAN.

3.03 2-#7 TOP & BOTTOM w/ #3 STIRRUPS AT 24" o/c.

3.04 3-#7 TOP & BOTTOM w/ #3 STIRRUPS AT 24" o/c.

3.05 1-#5 CONTINUOUS w/ #3 STIRRUPS AT 18" o/c.

3.06 #5 AT 12" OCEW.

3.07 EDGE OF FOOTING AT COLUMN.

3.08 EDGE OF GRADE BEAM BEYOND FOOTING.

3.09 5/8" x 24" Lg SMOOTH DOWELS AT 18" o/c

(SLEEVE FREE END) LOCATE DOWELS AT MID-DEPTH AT OF FLATWORK/THICKENED SLAB.

3.10 1/2" EXPANSION JOINT FILLER w/ SEALANT. 54" 54"

3.11 REFERENCE CIVIL FOR FLATWORK. 10" 10"

3.12 3-#5 BENT DOWELS AT 4" o/c. LOCATE DOWELS 3" BELOW TOP OF GRADE BEAM, CENTERED ON BASEPLATE.

3.13 REFERENCE DRILLED PIER SCHEDULE FOR REINFORCEMENT.

3.14 2-#8 HOOKED DOWELS AT EACH PIER (PROJECT 30" 12" ABOVE PIER).

## DIVISION 4 MASONRY

4.01 #9 DUROWAL AT 16" o/c (HOT DIPPED GALVANIZED).

4.02 8" CMU w/ #5 VERTICAL BARS AT 8" o/c. FULLY GROUT ALL CELLS.

4.03 #5 x 4'-6" Lg VERTICAL DOWELS AT 8" o/c (30" PROJECTION)

4.04 #5 x 4'-0" Lg HOOKED DOWELS AT 40" o/c (27" PROJECTION)

## DIVISION 5 METALS

5.01 STEEL COLUMN, REFERENCE PLAN.

5.02 REFERENCE BASEPLATE SCHEDULE.

5.03 600S162-54 METAL STUDS AT 16" o/c (HD GALV).

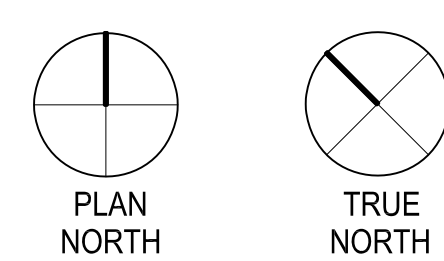
REFERENCE TYPICAL METAL STUD WALL ASSEMBLY DETAILS FOR TRACKS, BRIDGING, CLIPS AND FASTENING OF COMPONENTS.

5.04 800S162-54 METAL STUDS AT 16" o/c (HD GALV).

REFERENCE TYPICAL METAL STUD WALL ASSEMBLY DETAILS FOR TRACKS, BRIDGING, CLIPS AND FASTENING OF COMPONENTS.



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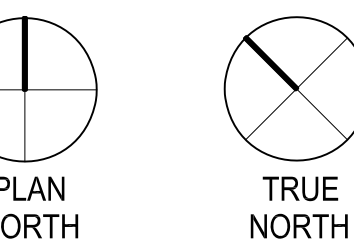
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3.04 3-#7 TOP & BOTTOM w/ #3 STIRRUPS AT 24" o/c.

3.05 1-#5 CONTINUOUS w/ #3 STIRRUPS AT 18" o/c.

3.06 #5 AT 12" OCEW.

3.07 EDGE OF FOOTING AT COLUMN.

3.08 EDGE OF GRADE BEAM BEYOND FOOTING.

3.09 5/8" x 24" Lg SMOOTH DOWELS AT 18" o/c

(SLEEVE FREE END) LOCATE DOWELS AT

MID-DEPTH AT OF FLATWORK/THICKENED SLAB.

3.10 1/2" EXPANSION JOINT FILLER w/ SEALANT. 54" 54"

3.11 REFERENCE CIVIL FOR FLATWORK. 10' 10'

3.12 3-#5 BENT DOWELS AT 4" o/c. LOCATE DOWELS 3"

BELOW TOP OF GRADE BEAM, CENTERED ON BASEPLATE.

3.13 REFERENCE DRILLED PIER SCHEDULE FOR REINFORCEMENT.

3.14 2-#8 HOOKED DOWELS AT EACH PIER (PROJECT 30" 12"

ABOVE PIER).

**DIVISION 4 MASONRY**

4.01 #9 DUROWAL AT 16" o/c (HOT DIPPED GALVANIZED).

4.02 8" CMU w/ #5 VERTICAL BARS AT 8" o/c. FULLY GROUT

ALL CELLS.

4.03 #5 x 4'-6" Lg VERTICAL DOWELS AT 8" o/c (30"

PROJECTION)

4.04 #5 x 4'-0" Lg HOOKED DOWELS AT 40" o/c (27"

PROJECTION)

**DIVISION 5 METALS**

5.01 STEEL COLUMN, REFERENCE PLAN.

5.02 REFERENCE BASEPLATE SCHEDULE.

5.03 600S162-54 METAL STUDS AT 16" o/c (HD GALV).

REFERENCE TYPICAL METAL STUD WALL ASSEMBLY DETAILS

FOR TRACKS, BRIDGING, CLIPS AND FASTENING OF

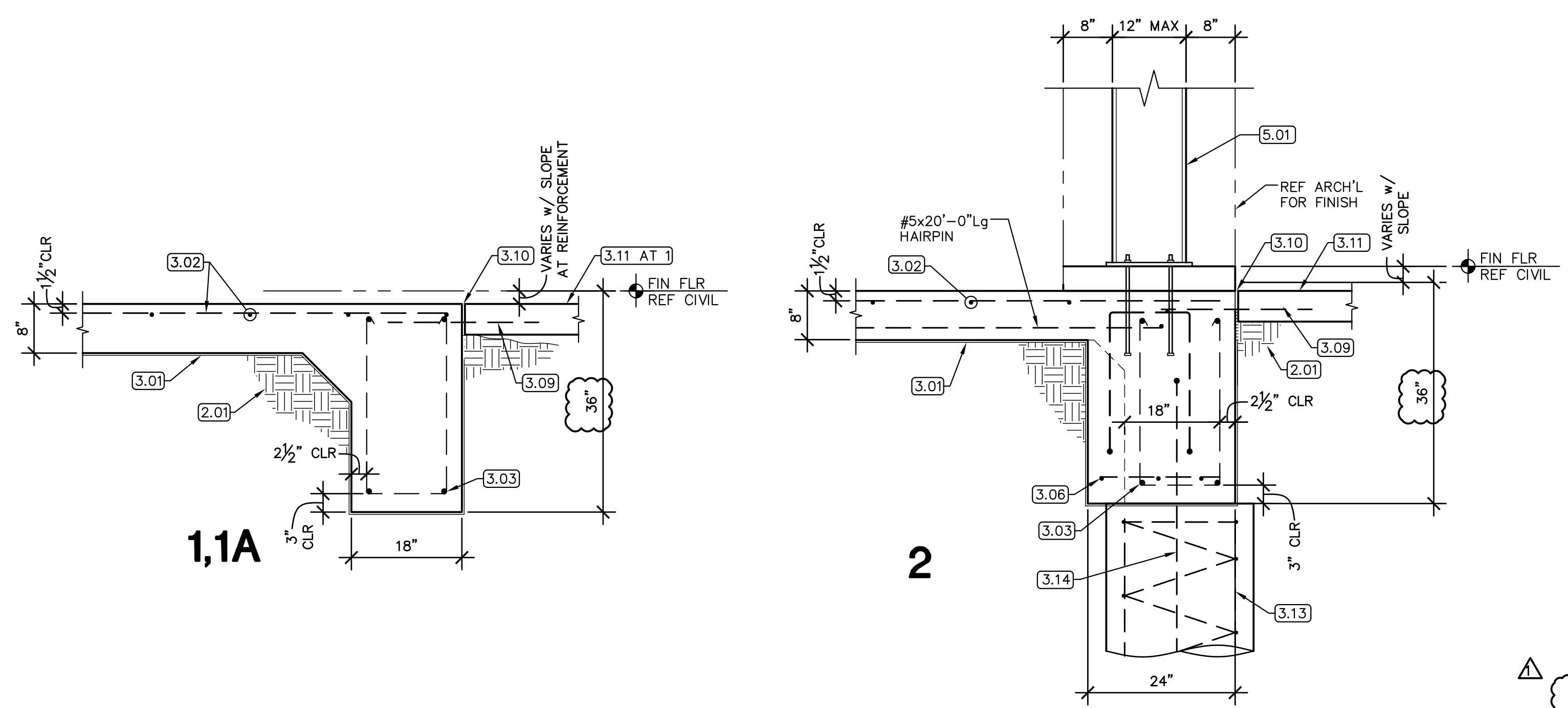
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5.04 800S162-54 METAL STUDS AT 16" o/c (HD GALV).

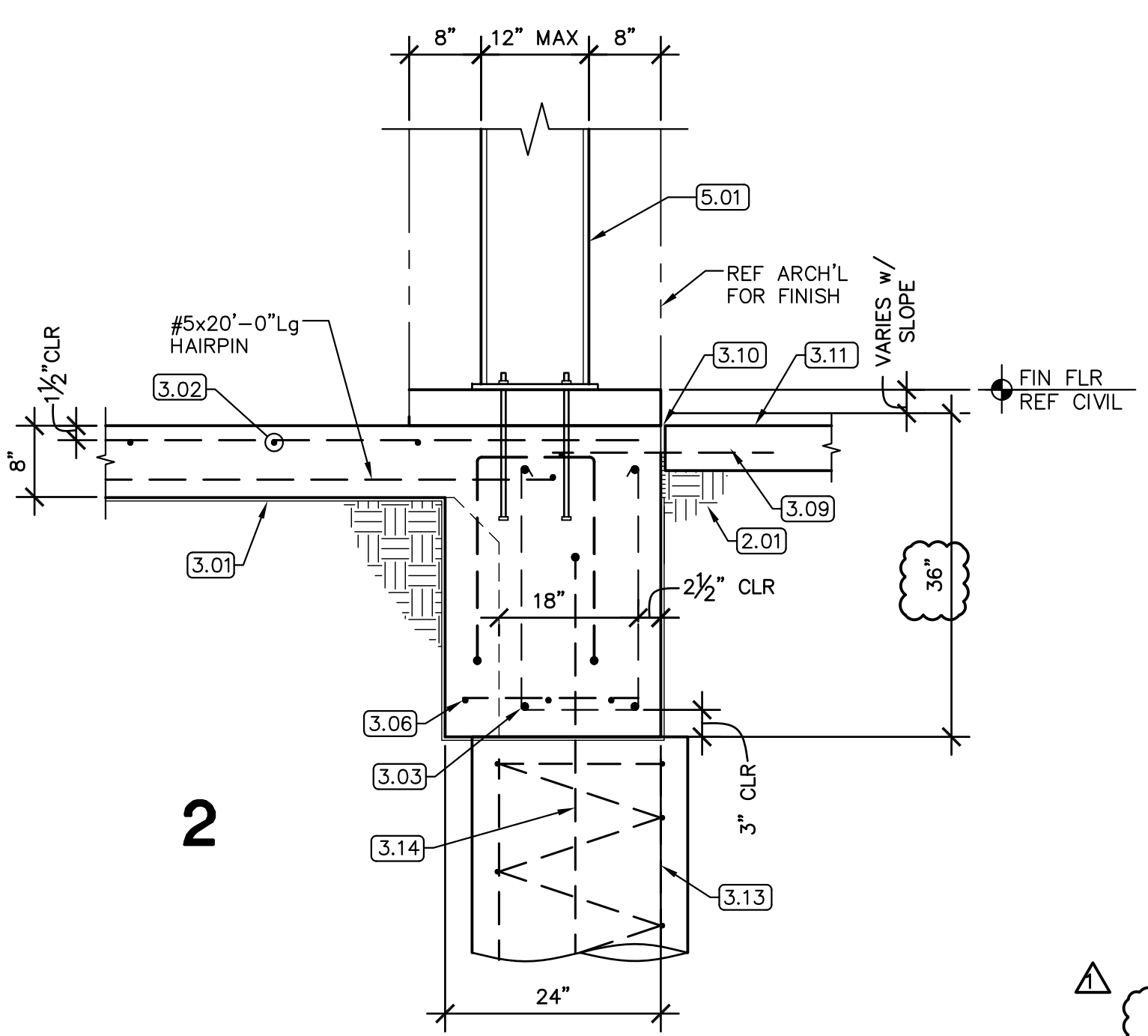
REFERENCE TYPICAL METAL STUD WALL ASSEMBLY DETAILS

FOR TRACKS, BRIDGING, CLIPS AND FASTENING OF

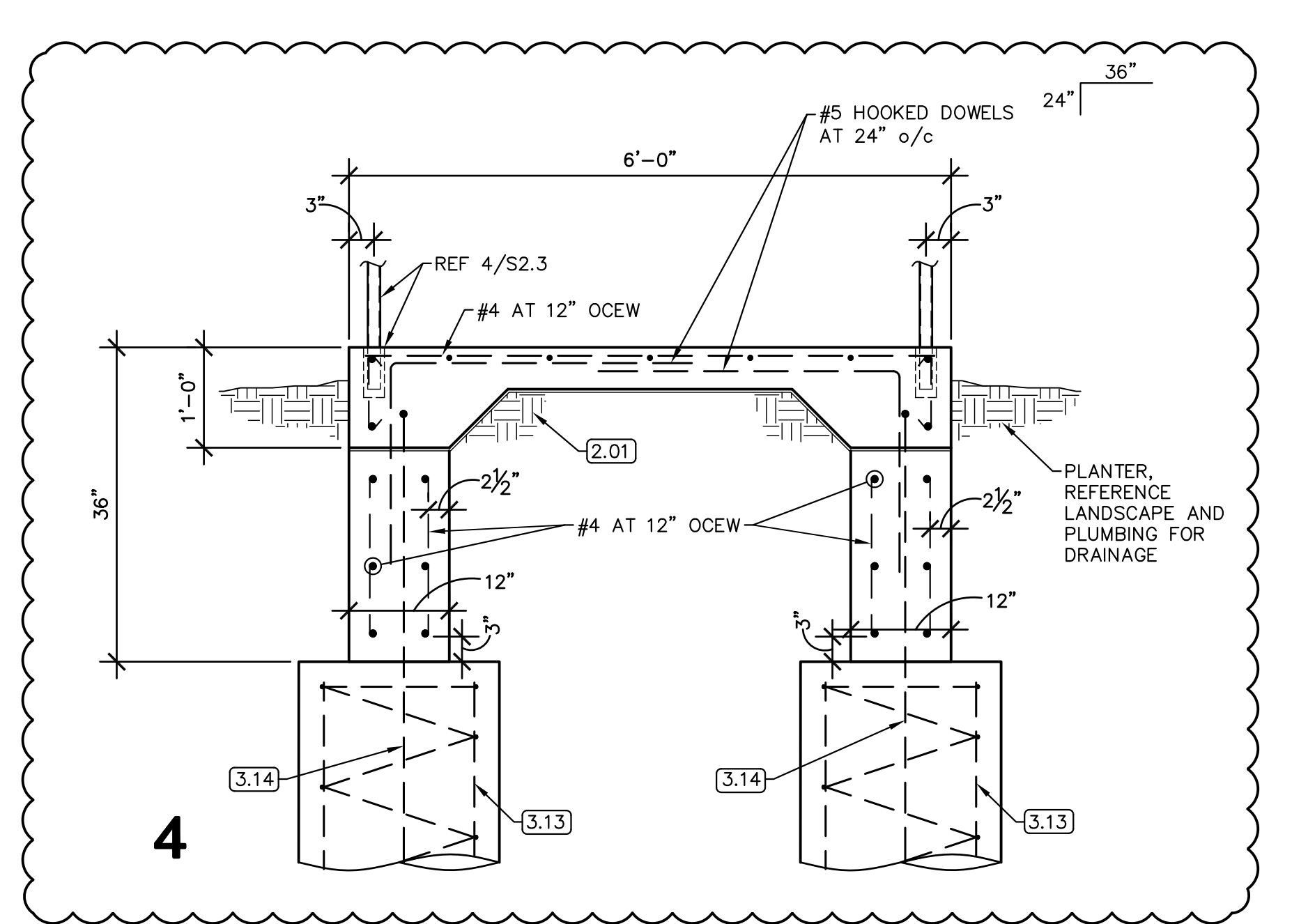
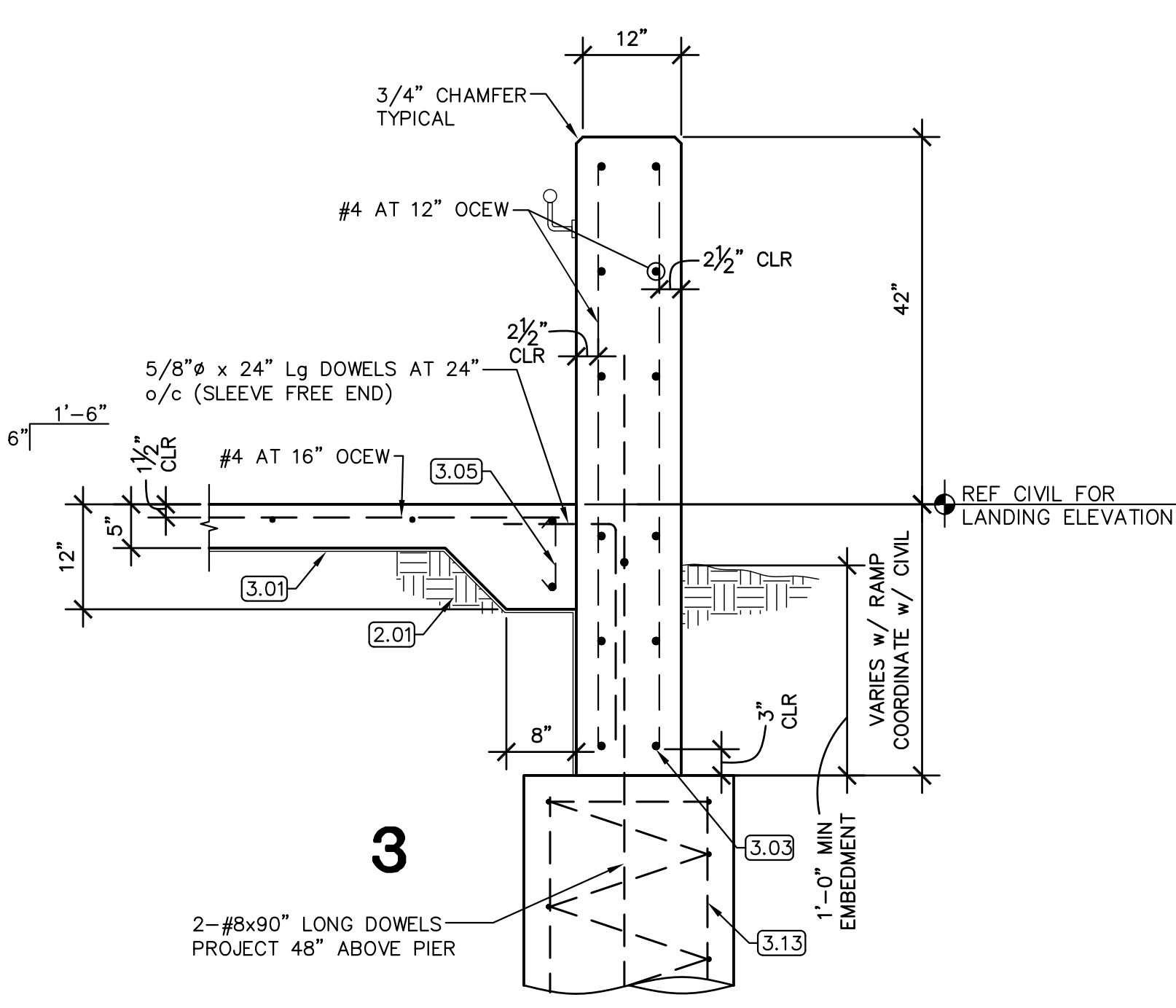
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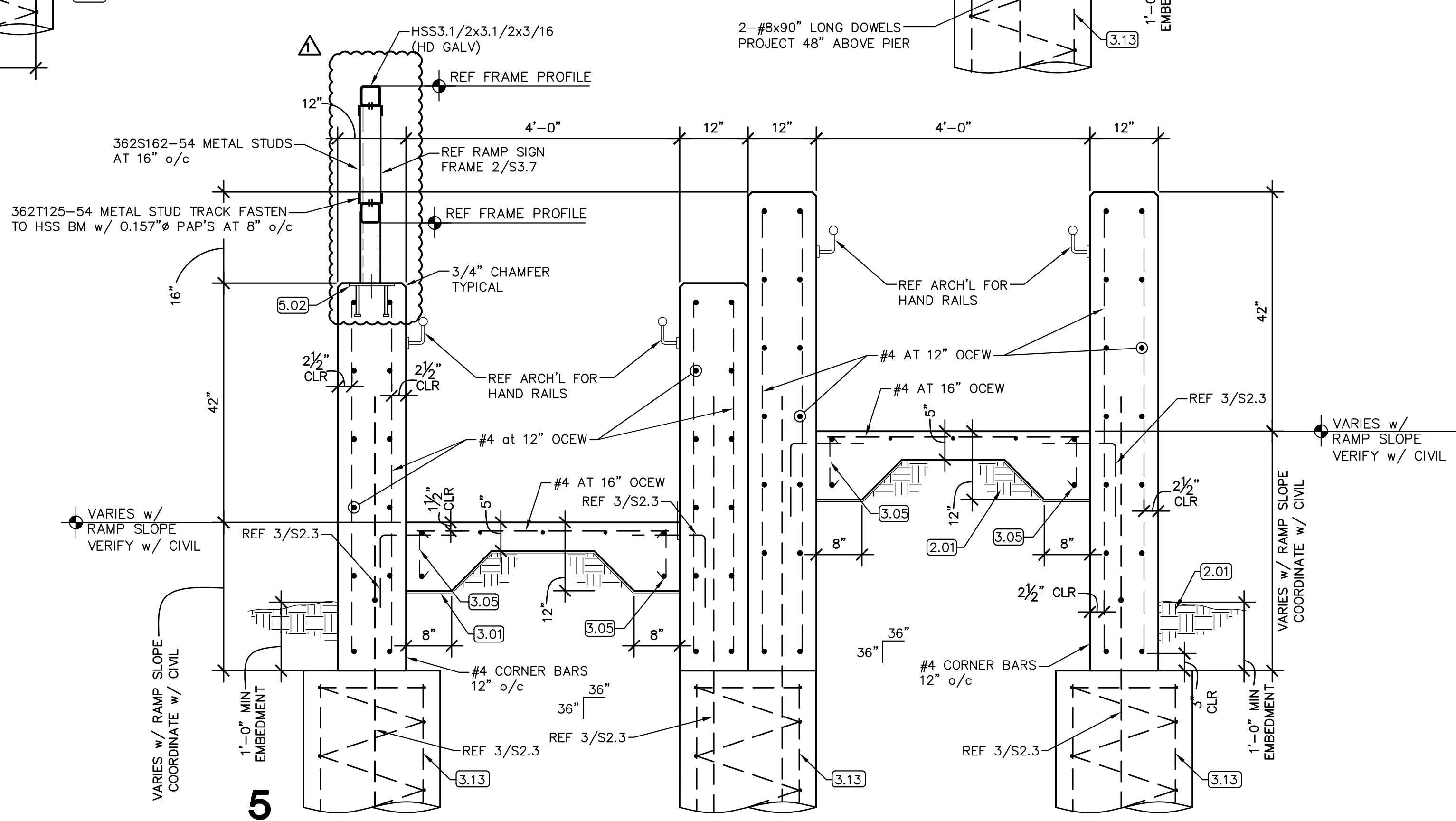
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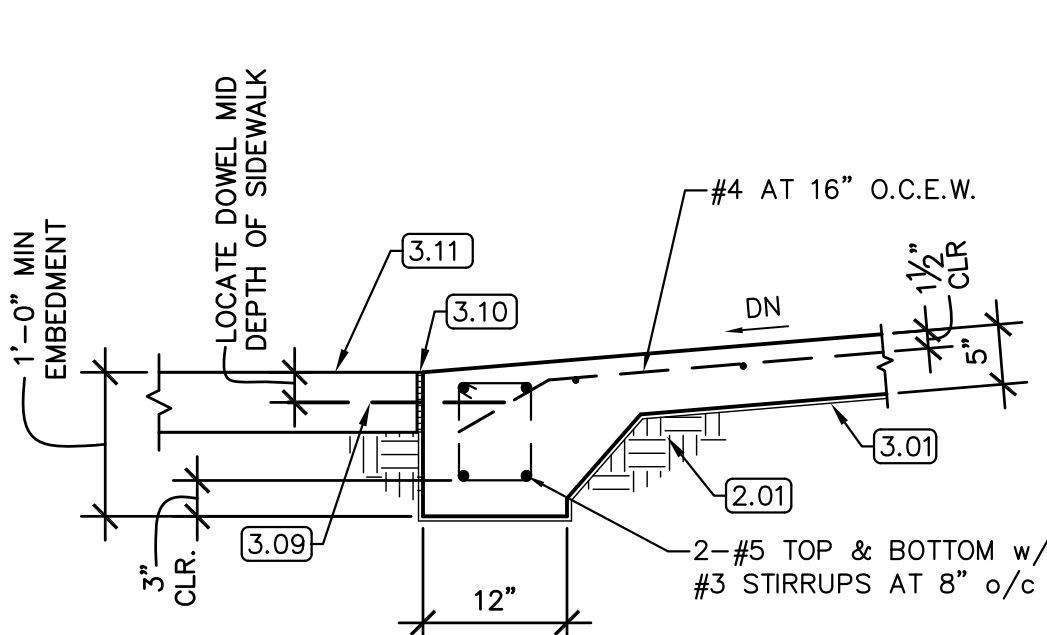
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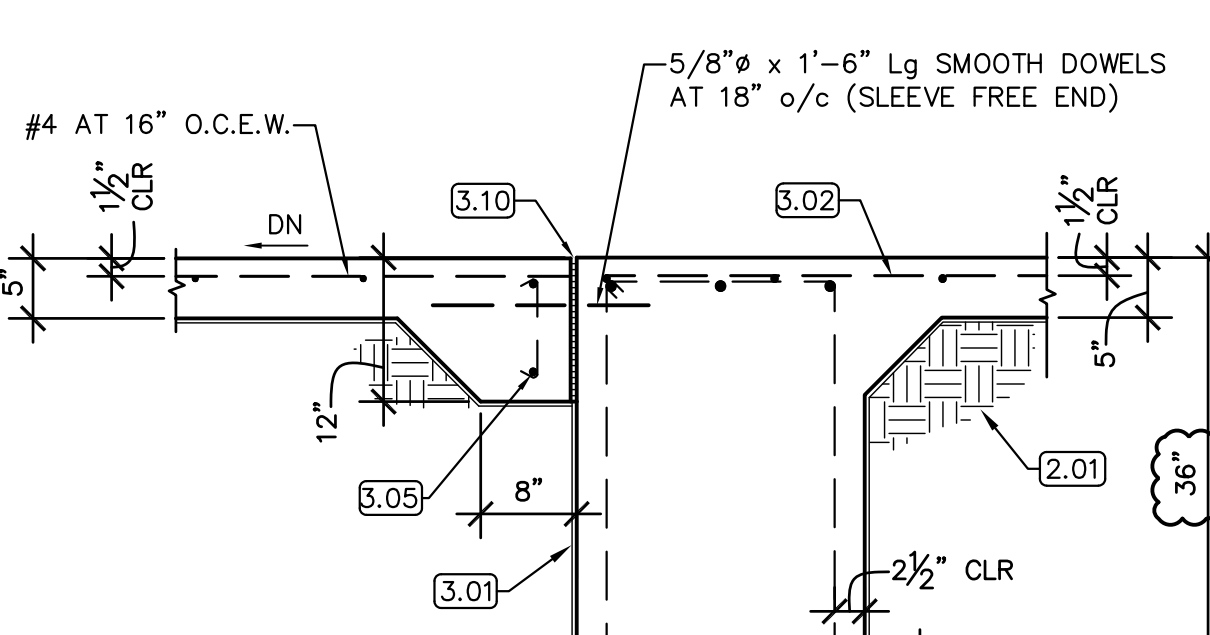
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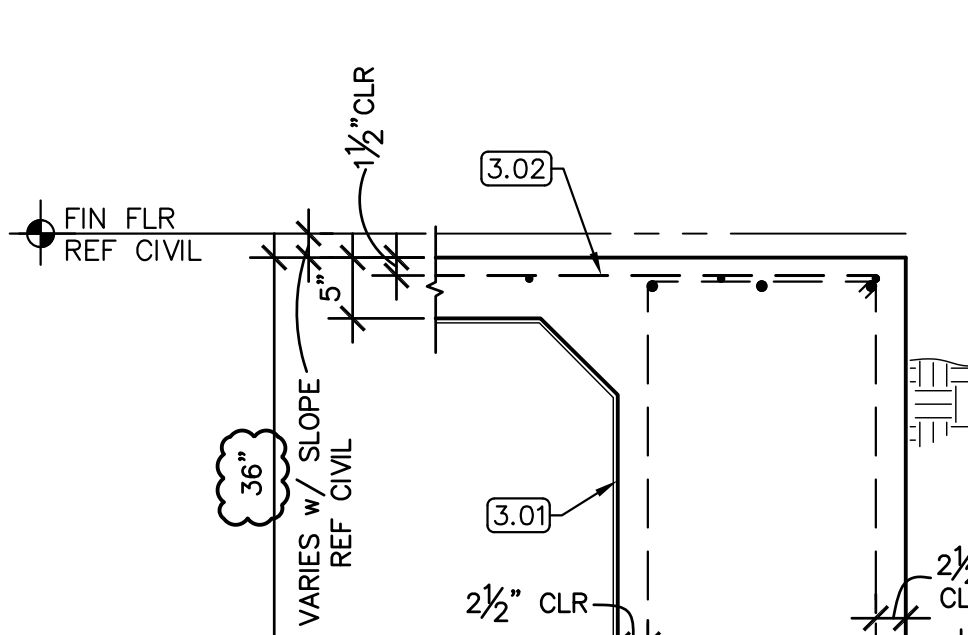
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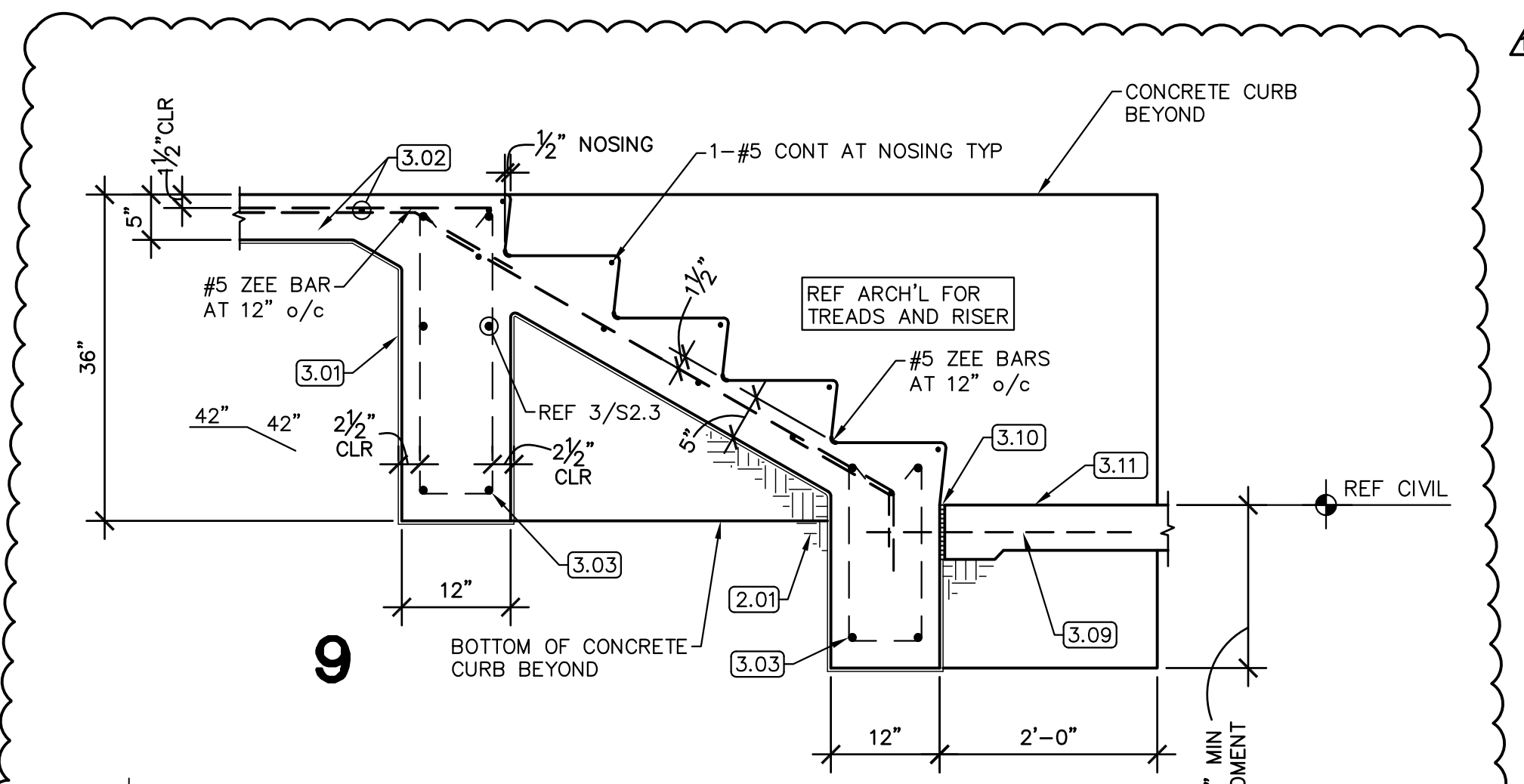
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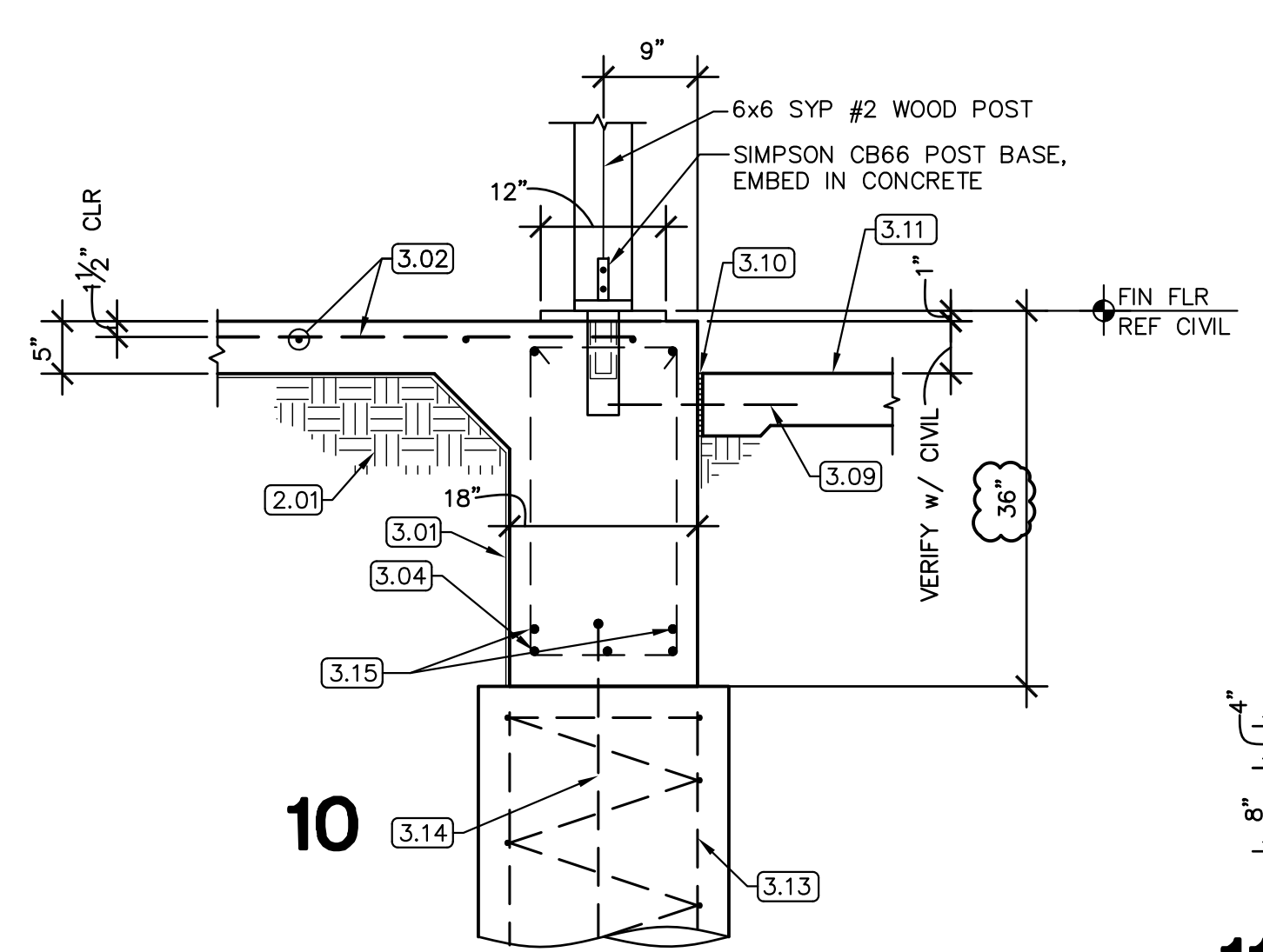
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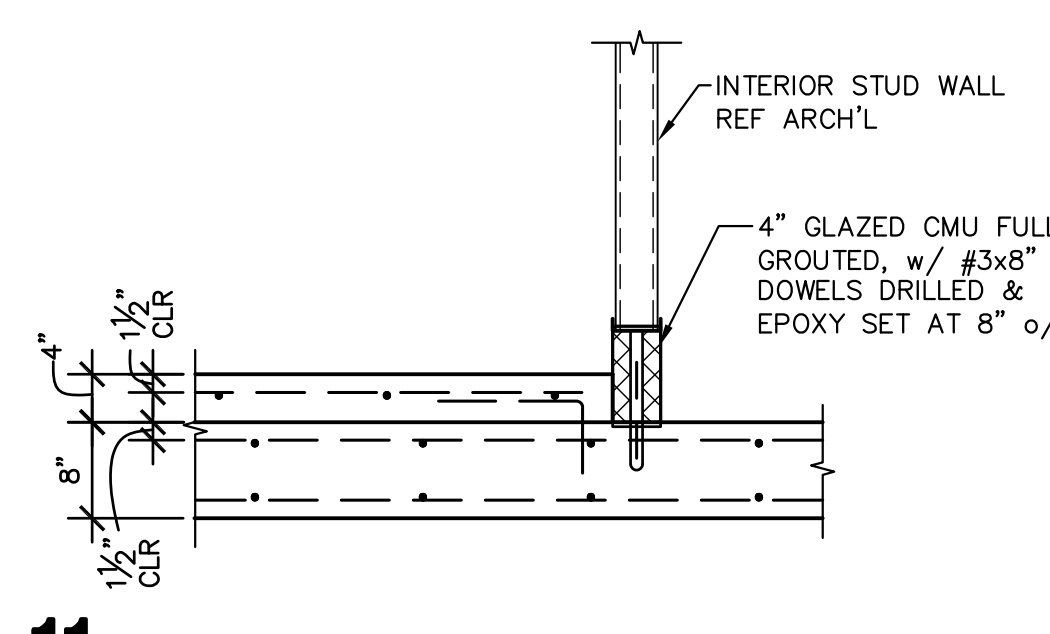
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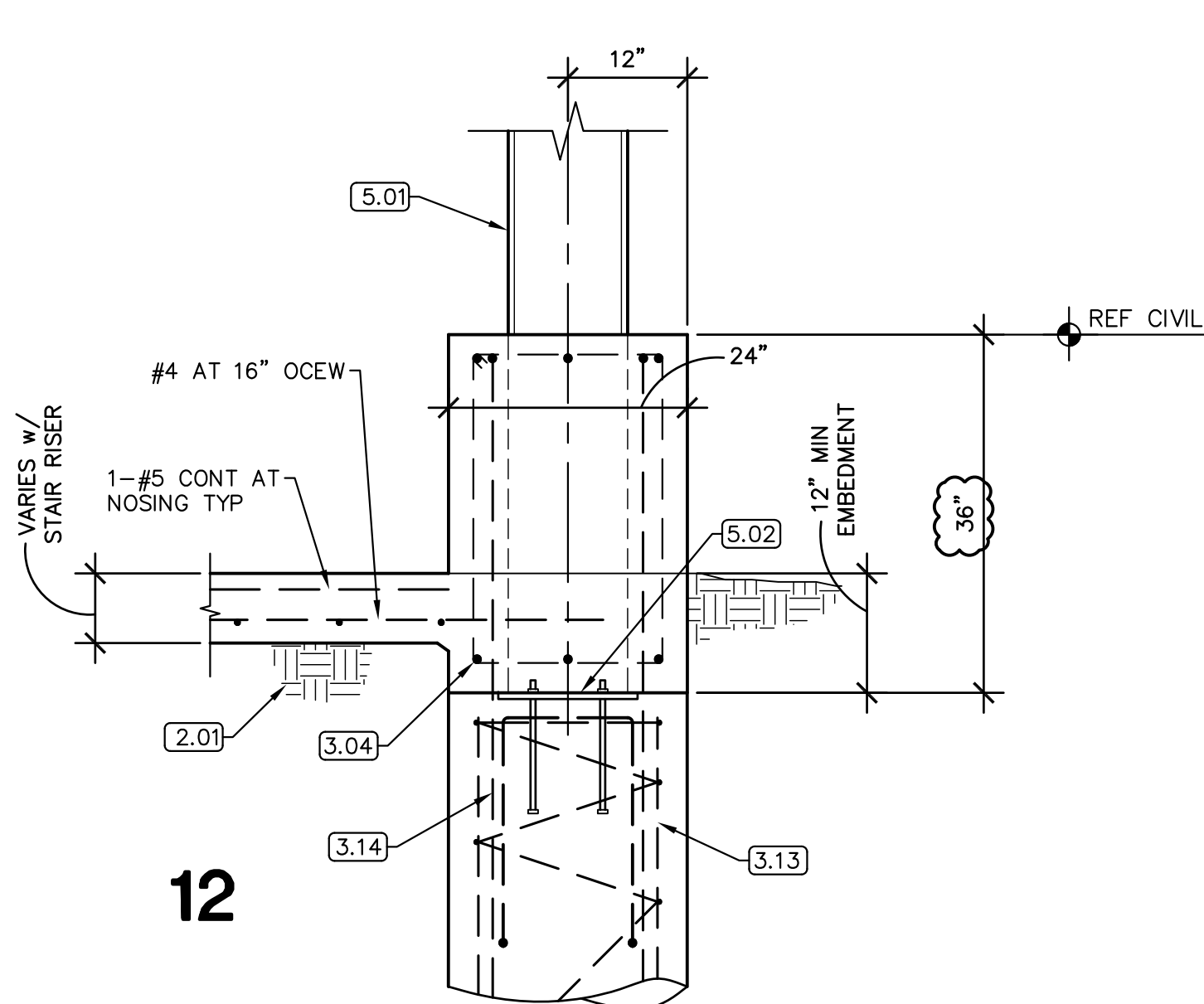
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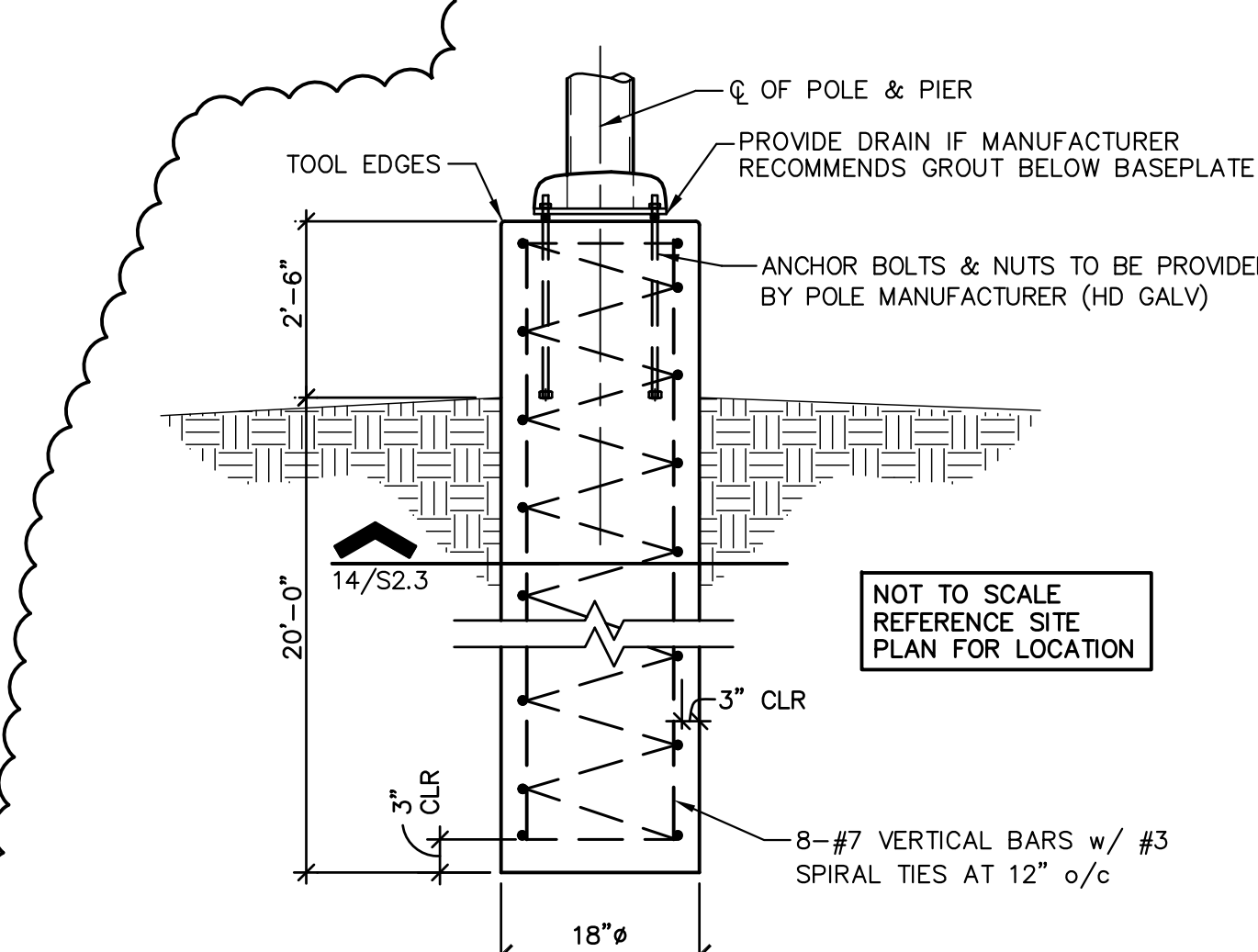
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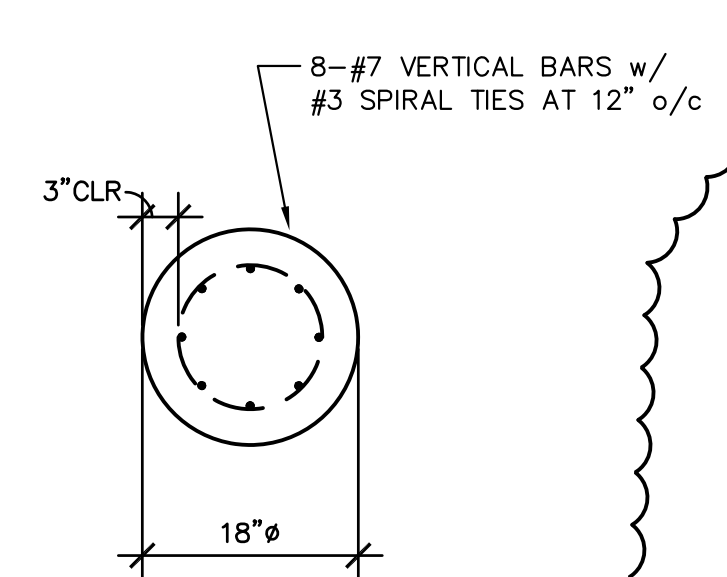
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**13 TYPICAL LIGHT POLE  
FOUNDATION  
DETAIL**

NOTES:  
1. LIGHT POLE FOUNDATION WAS DESIGNED BASED ON PRESSURES CALCULATED FROM ASCE 7-16 REQUIREMENTS FOR 144 MPH WIND, RISK CATEGORY IV AND EXPOSURE FACTOR D.  
2. FOUNDATION DESIGN IS IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE, AND IS BASED ON THE VALUES RECOMMENDED IN TABLE 1806.2 - PRESUMPTIVE LOAD-BEARING VALUES, AS LISTED BELOW:  
LATERAL BEARING PRESSURE (PIER) ..... 150 PSF/FT. BELOW NATURAL GRADE

**14**







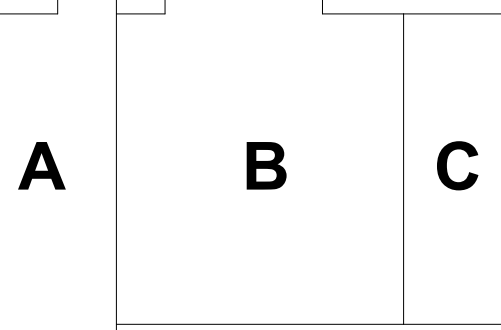




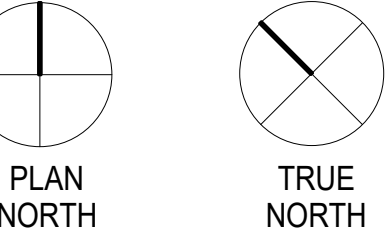
**CITY OF PORT ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

**D**

MEZZANINE



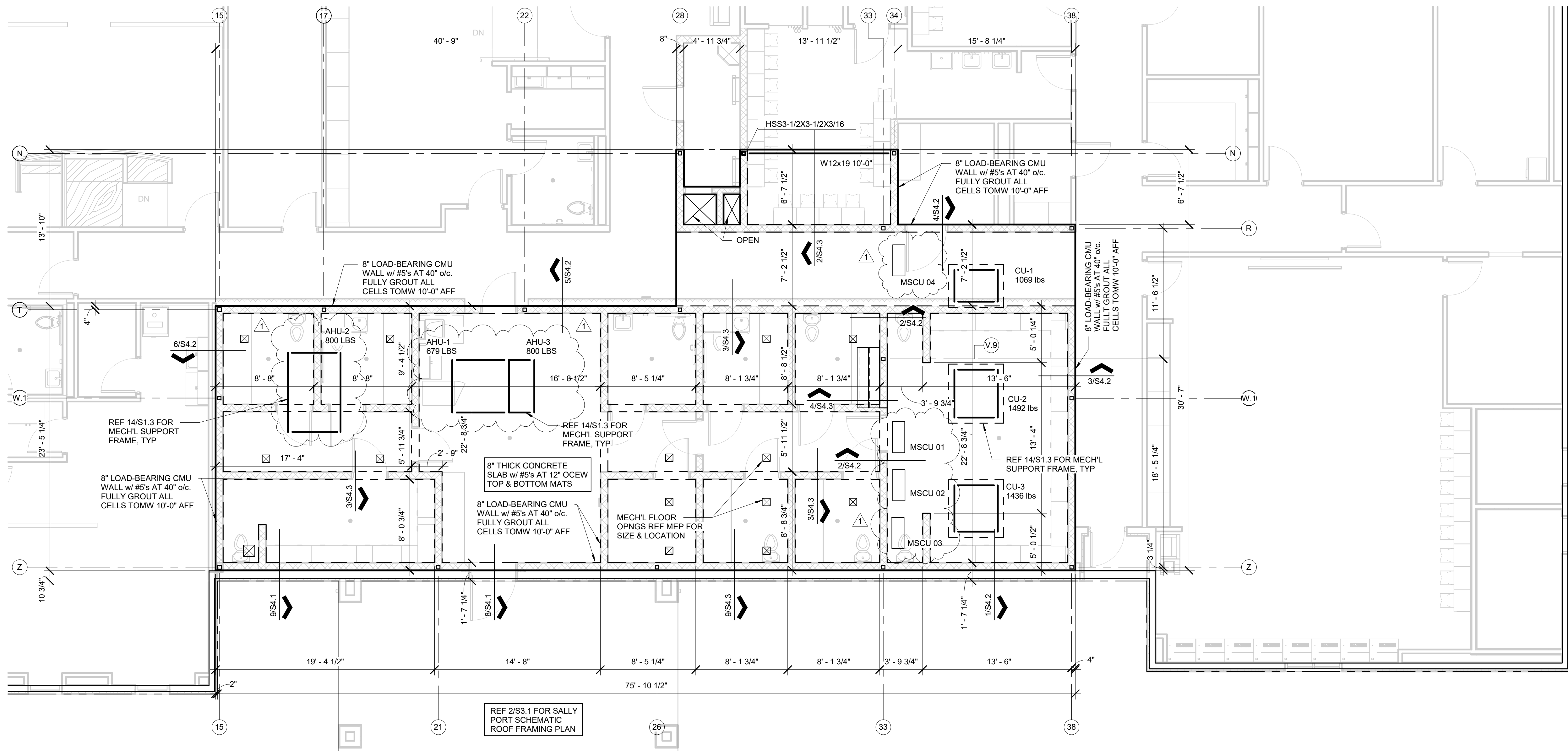
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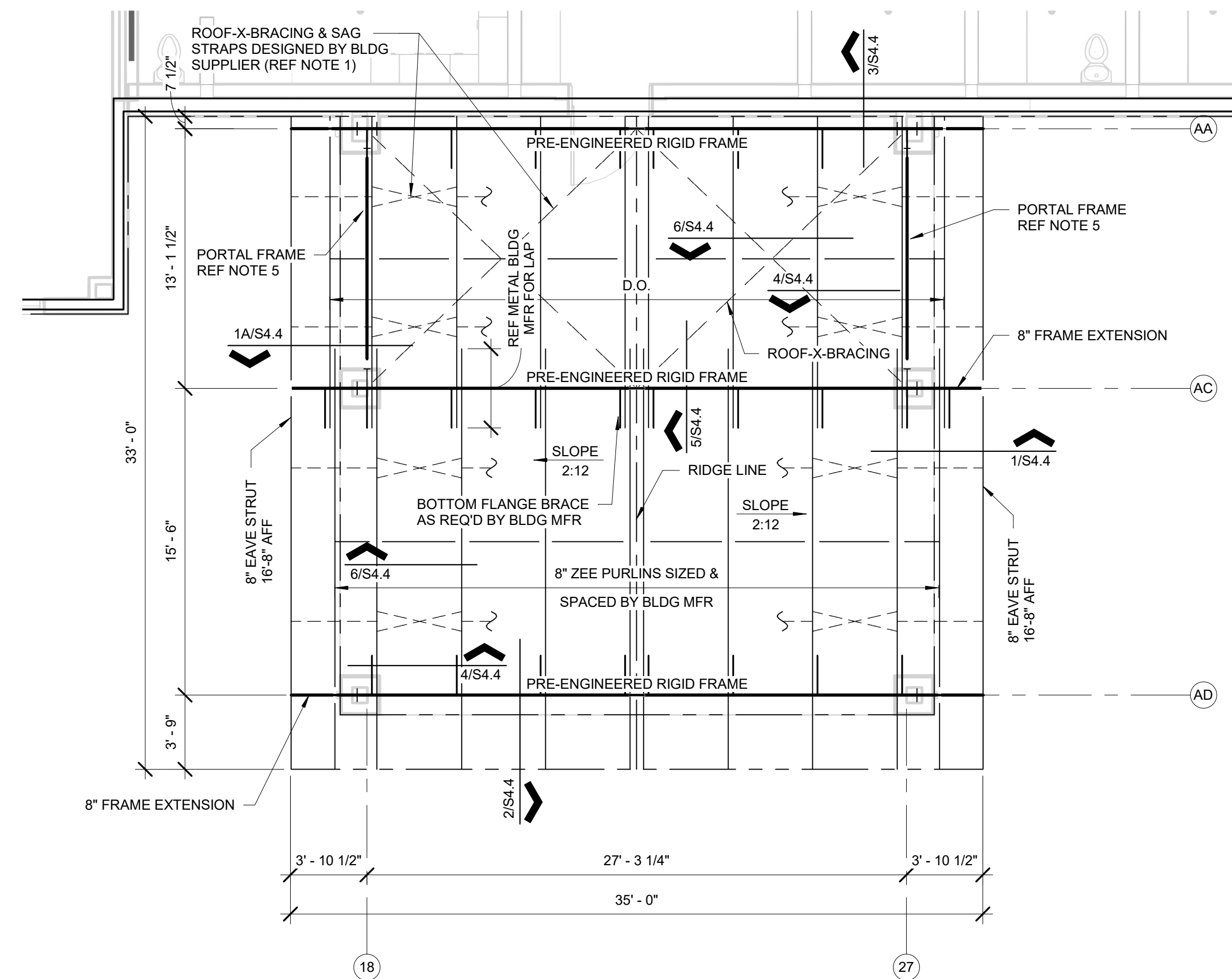
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Drawing Date: 05/18/2023  
Drawn: TG  
Checked: BD

Revisions:  
No. Description Date  
1 ADDENDUM #2 06/15/23

Sheet Title:  
**MEZZANINE & SALLY  
PORT FRAMING PLAN**



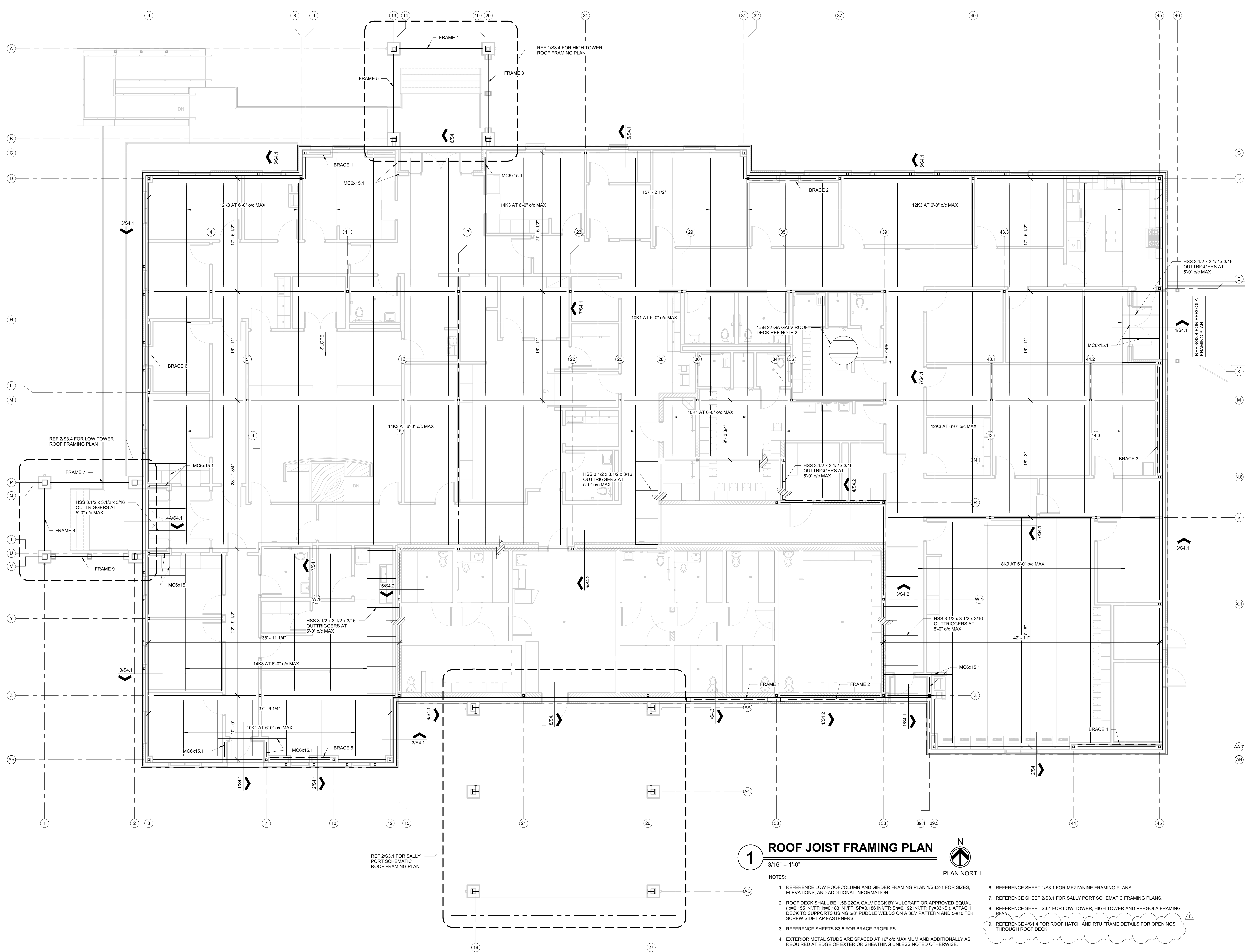
**1 MEZZANINE FRAMING PLAN**  
3/16" = 1'-0"



**2 SALLY PORT SCHEMATIC ROOF FRAMING PLAN**  
3/16" = 1'-0"

- NOTES:
1. SCHEMATIC ROOF FRAMING PLAN DEPICTS PRE-ENGINEERED METAL BUILDING COMPONENTS AND INDICATES THE STRUCTURAL ENGINEER'S INTENT PERTAINING TO THE ESTABLISHMENT OF THE STRUCTURAL INTEGRITY OF THE BUILDING.
  2. SUPPLIERS MAY UTILIZE STANDARD MEMBERS AND SPACING OF THE ROOF SYSTEM COMPONENTS TO MEET OR EXCEED THE SPECIFIED DESIGN REQUIREMENTS.
  3. PRE-ENGINEERED BUILDING SUPPLIER SHALL SUBMIT SHOP / ERECTION DRAWINGS AND BUILDING DESIGN CALCULATIONS TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.
  4. ADDITIONAL PURLINS SHALL BE PROVIDED AS REQUIRED FOR SUPPORT OF METAL ROOF TO SATISFY PROJECT WIND PRESSURES.
  5. METAL BUILDING DESIGNER TO COORDINATE PORTAL FRAME BEAM AND COLUMN DIMENSIONS WITH ARCHITECTURAL WRAPS AND SIZE 10 FT (12' MAXIMUM COLUMN DEPTH).





## 1 ROOF JOIST FRAMING PLAN

$$3/16'' = 1'-0''$$

NOTE

1. REFERENCE LOW ROOF COLUMN AND GIRDER FRAMING PLAN 1/53:1 FOR SIZES, ELEVATIONS, AND ADDITIONAL INFORMATION.
2. ROOF DECK SHALL BE 1 5/8 23GA GALV DECK W/ 1/2" AIR CURE OR APPROVED EQUAL (95.0155 IN/FT, 100.0155 IN/FT, 105.0160 IN/FT, 108.0162 IN/FT, Fy=33KSI). ATTACH DECK TO SUPPORTS USING 3/8" PUDLE WELDS ON A 3/8" PATTERN AND 5/410 TECH SCREW SIDE LAP FASTENERS.
3. REFERENCE SHEETS 3:3.5 FOR BRACE PROFILES.
4. EXTERIOR METAL STUDS ARE SPACED AT 16" o/c MAXIMUM AND ADDITIONALLY AS REQUIRED AT EDGE OF EXTERIOR SHEATHING UNLESS NOTED OTHERWISE.
5. REFERENCE 1:51.3 FOR TYPICAL STUD FRAMING AT EXTERIOR OUTSIDE BUILDING CORNER AND 2:51.3 FOR TYPICAL STUD FRAMING AT EXTERIOR INSIDE BUILDING CORNER.

6. REFERENCE SHEET 1/S3.1 FOR MEZZANINE FRAMING PLANS.
7. REFERENCE SHEET 2/S3.1 FOR SALLY PORT SCHEMATIC FRAMING PLANS.
8. REFERENCE SHEET S3.4 FOR LOW TOWER, HIGH TOWER AND PERGOLA FRAMING PLANS.
9. REFERENCE 4/S1.4 FOR ROOF HATCH AND RTU FRAME DETAILS FOR OPEN THROUGH ROOF DECK.

1

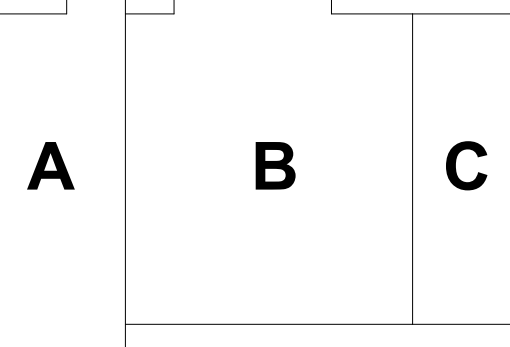




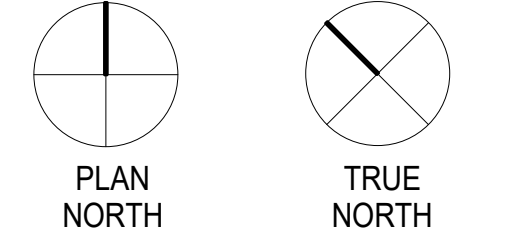
**CITY OF PORT  
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PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

D

MEZZANINE



1ST FLOOR

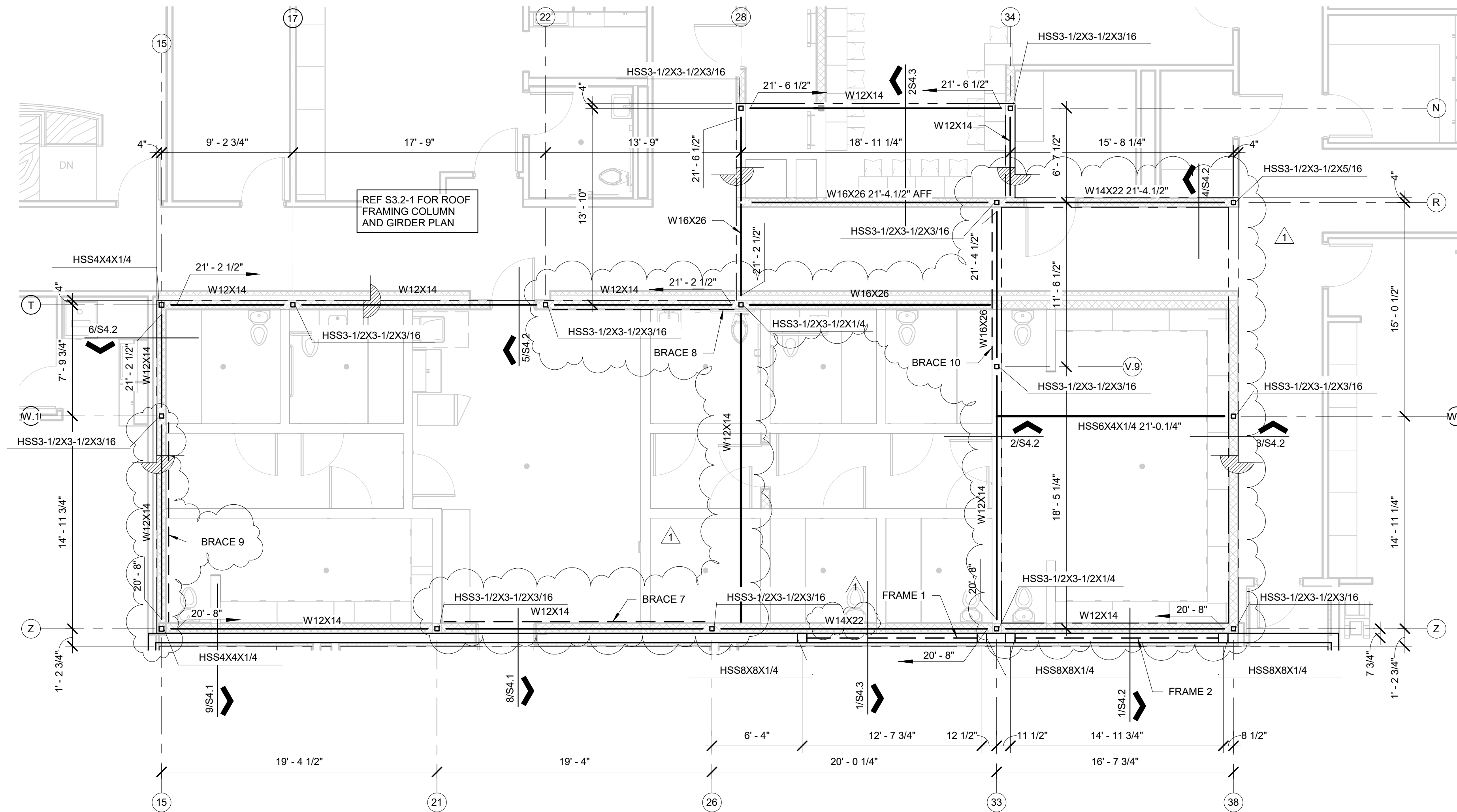


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Drawing Date: 05/18/2023  
Drawn: TG  
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Revisions:	
No.	Description
1	ADDENDUM #2

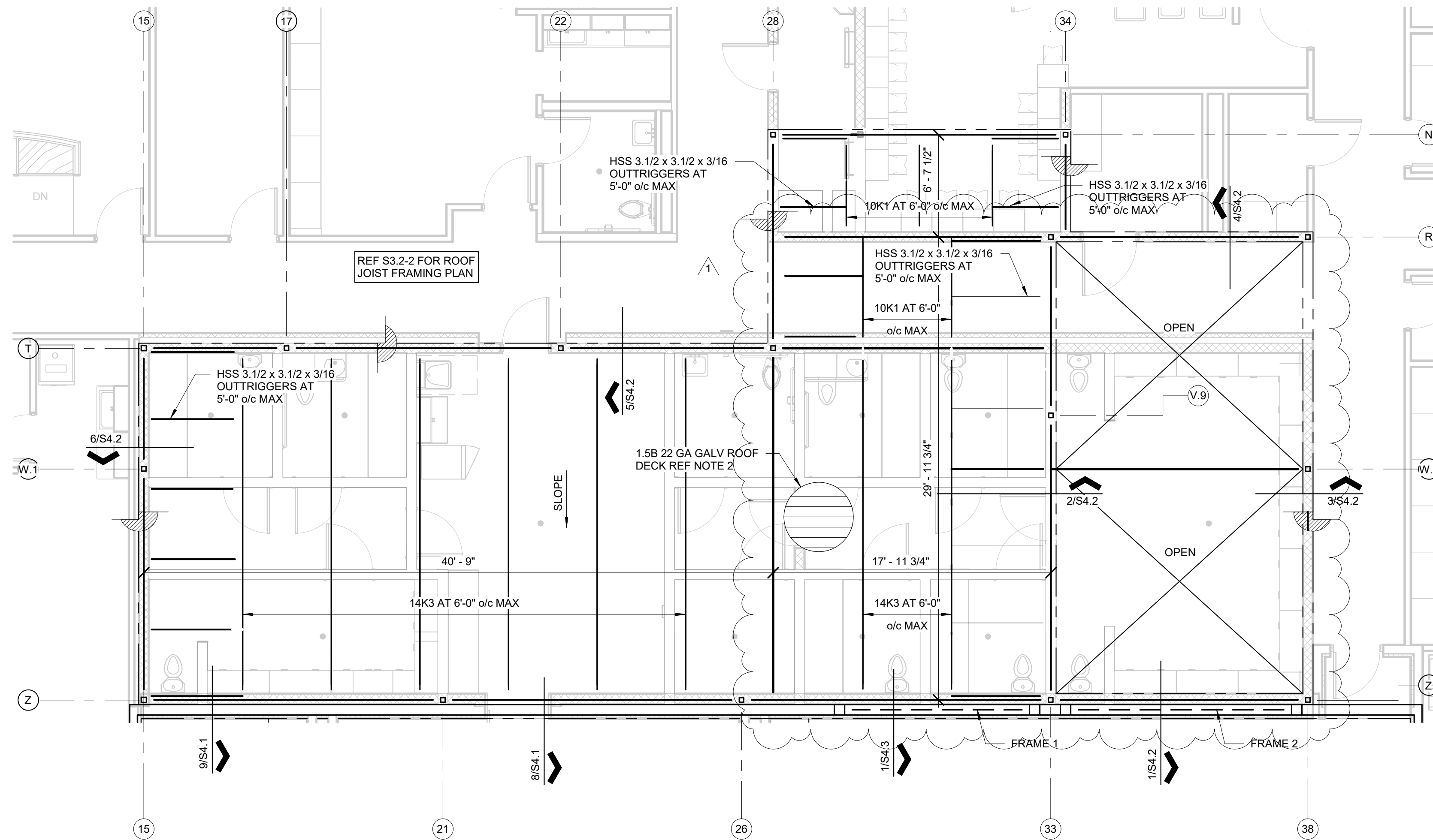
No.	Description	Date
1	ADDENDUM #2	06/15/23

Sheet Title:  
**HIGH ROOF COLUMN,  
GIRDER, AND JOIST  
PLAN**



**1 HIGH ROOF FRAMING COLUMN & GIRDER PLAN**  
3/16" = 1'-0"  
PLAN NORTH

- NOTES:
1. REFERENCE HIGH ROOF JOIST FRAMING PLAN 2/S3.3 FOR JOIST SIZES AND TYPICAL ROOF FRAMING NOTES.



**2 HIGH ROOF JOIST FRAMING PLAN**  
3/16" = 1'-0"  
PLAN NORTH

- NOTES:
1. REFERENCE HIGH ROOF COLUMN AND GIRDER FRAMING PLAN 1/S3.3 FOR SIZES, ELEVATIONS, AND ADDITIONAL INFORMATION.
  2. ROOF DECK SHALL BE 1.5B 22GA GALV DECK BY VULCRAFT OR APPROVED EQUAL (Ip=0.155 IN⁴/FT; In=0.183 IN⁴/FT; SP=0.186 IN⁴/FT; Sn=0.192 IN⁴/FT; Fy=33KSI). ATTACH DECK TO SUPPORTS USING 5/8" PUDDLE WELDS ON A 36/7 PATTERN AND 5-#10 TEK SCREW SIDE LAP FASTENERS.
  3. REFERENCE SHEETS S3.5 FOR BRACE PROFILES.
  4. EXTERIOR METAL STUDS ARE SPACED AT 16" o/c MAXIMUM AND ADDITIONALLY AS REQUIRED AT EDGE OF EXTERIOR SHEATHING UNLESS NOTED OTHERWISE.
  5. REFERENCE 1/S1.3 FOR TYPICAL STUD FRAMING AT EXTERIOR OUTSIDE BUILDING CORNER AND 2/S1.3 FOR TYPICAL STUD FRAMING AT EXTERIOR INSIDE BUILDING CORNER.
  6. REFERENCE SHEET 1/S3.1 FOR MEZZANINE FRAMING PLANS.
  7. REFERENCE SHEET S3.4 FOR LOW TOWER, HIGH TOWER AND PERGOLA FRAMING PLAN.
  8. REFERENCE 4/S1.4 FOR ROOF HATCH AND RTU FRAME DETAILS FOR OPENINGS THROUGH ROOF DECK.

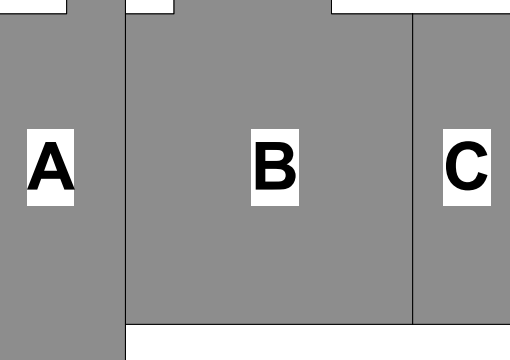




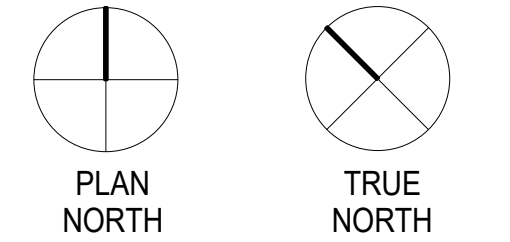
**CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

D

MEZZANINE



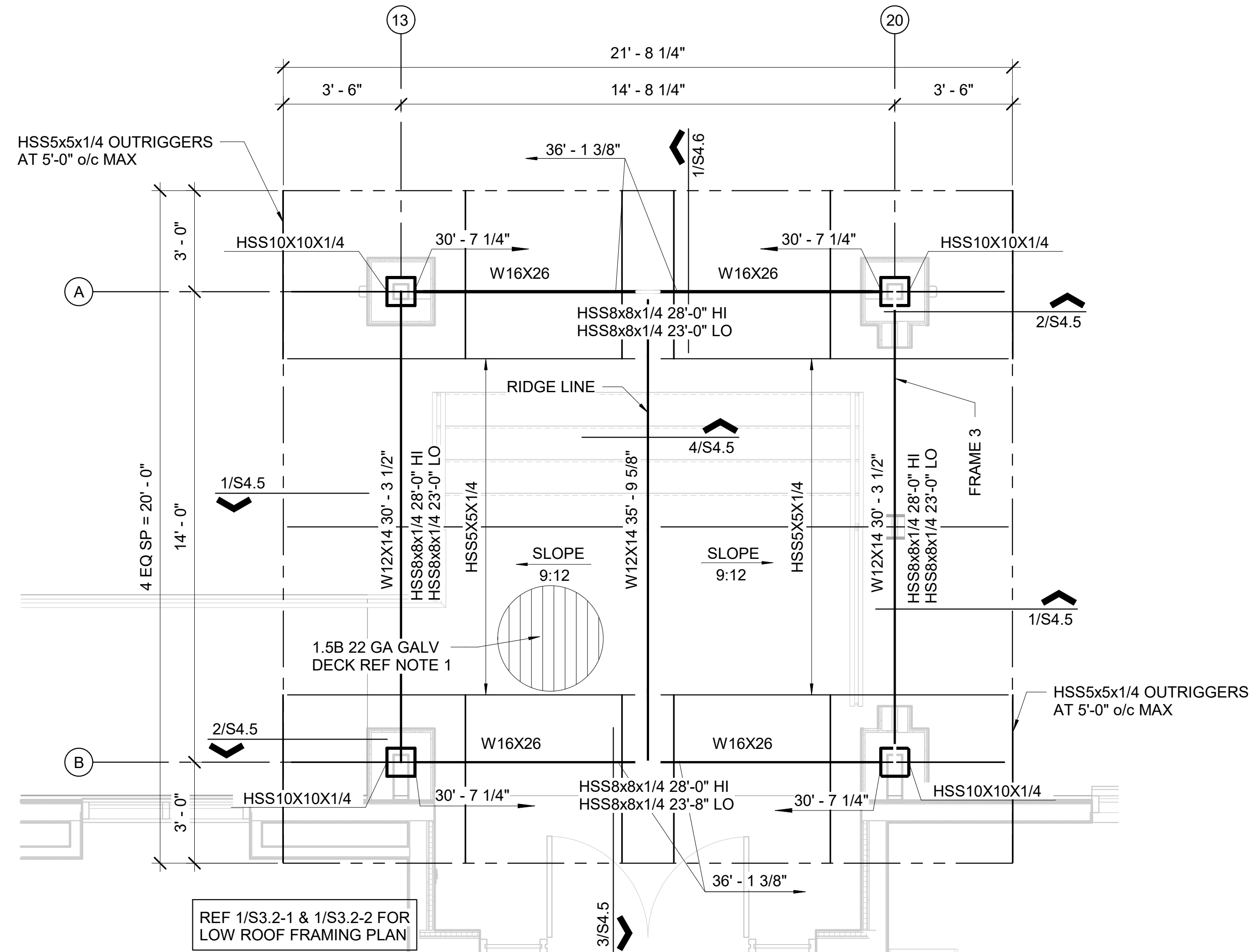
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Project Number: 696-236  
Drawing Date: 05/18/2023  
Drawn: TG  
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Revisions:	
No.	Description
1	ADDENDUM #2
Date	06/15/23

Sheet Title:  
**TOWER, & PERGOLA  
ROOF FRAMING  
PLANS**

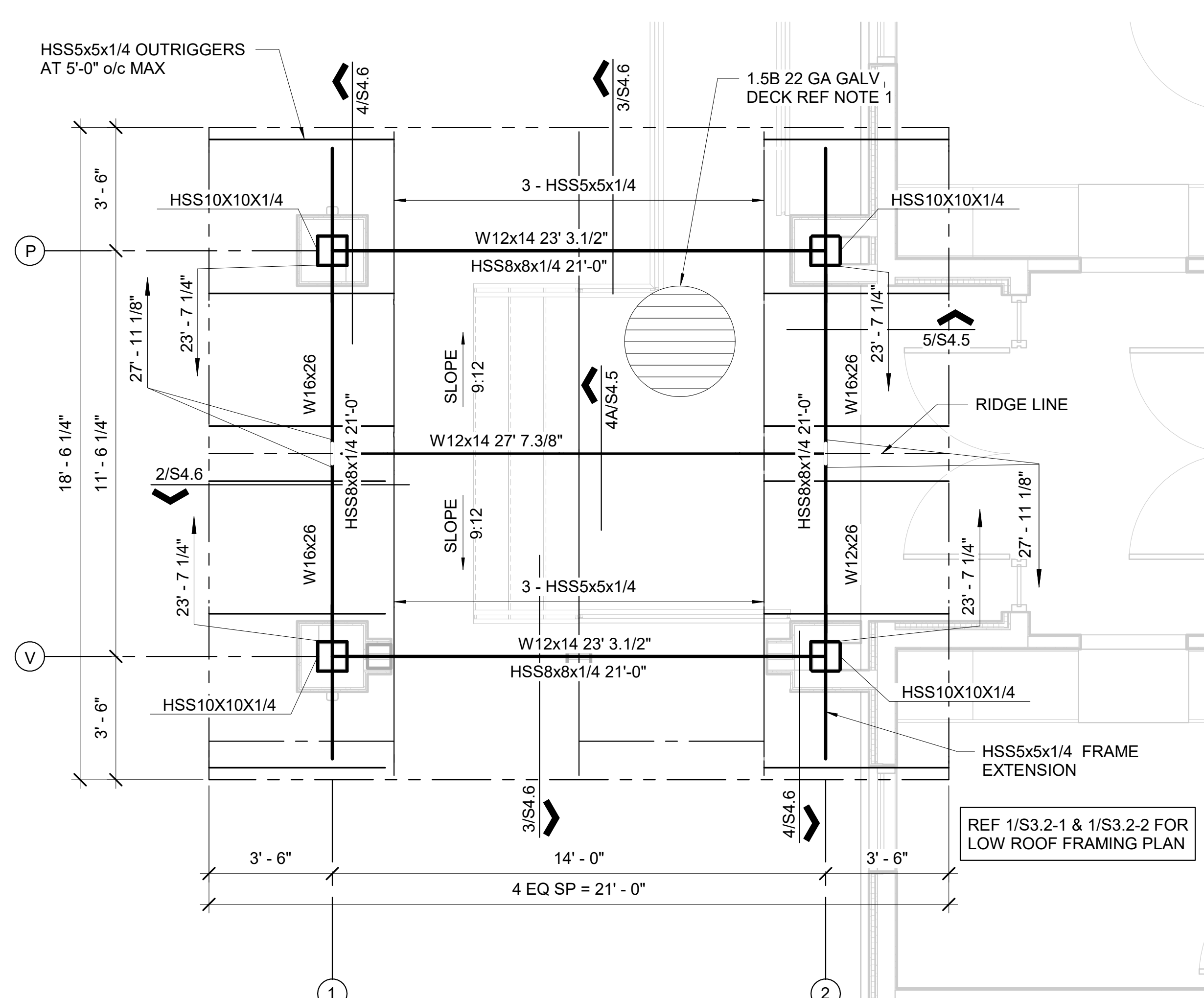


**1 HIGH TOWER ROOF FRAMING PLAN**

3/8" = 1'-0"

NOTES:

1. ROOF DECK SHALL BE 1.5B 22GA GALV DECK BY VULCRAFT OR APPROVED EQUAL (lp=0.155 IN/FT; ln=0.183 IN/FT; SP=0.186 IN/FT; Sn=0.192 IN/FT; Fy=33KSI). ATTACH DECK TO SUPPORTS USING 5/8" PUDDLE WELDS ON A 36/7 PATTERN AND 5-#10 TEK SCREW SIDE LAP FASTENERS.
2. REFERENCE SHEETS S3.5 FOR FRAME PROFILES.
3. REFERENCE SHEETS S3.2-1 & S3.2-2 FOR LOW ROOF FRAMING PLANS.

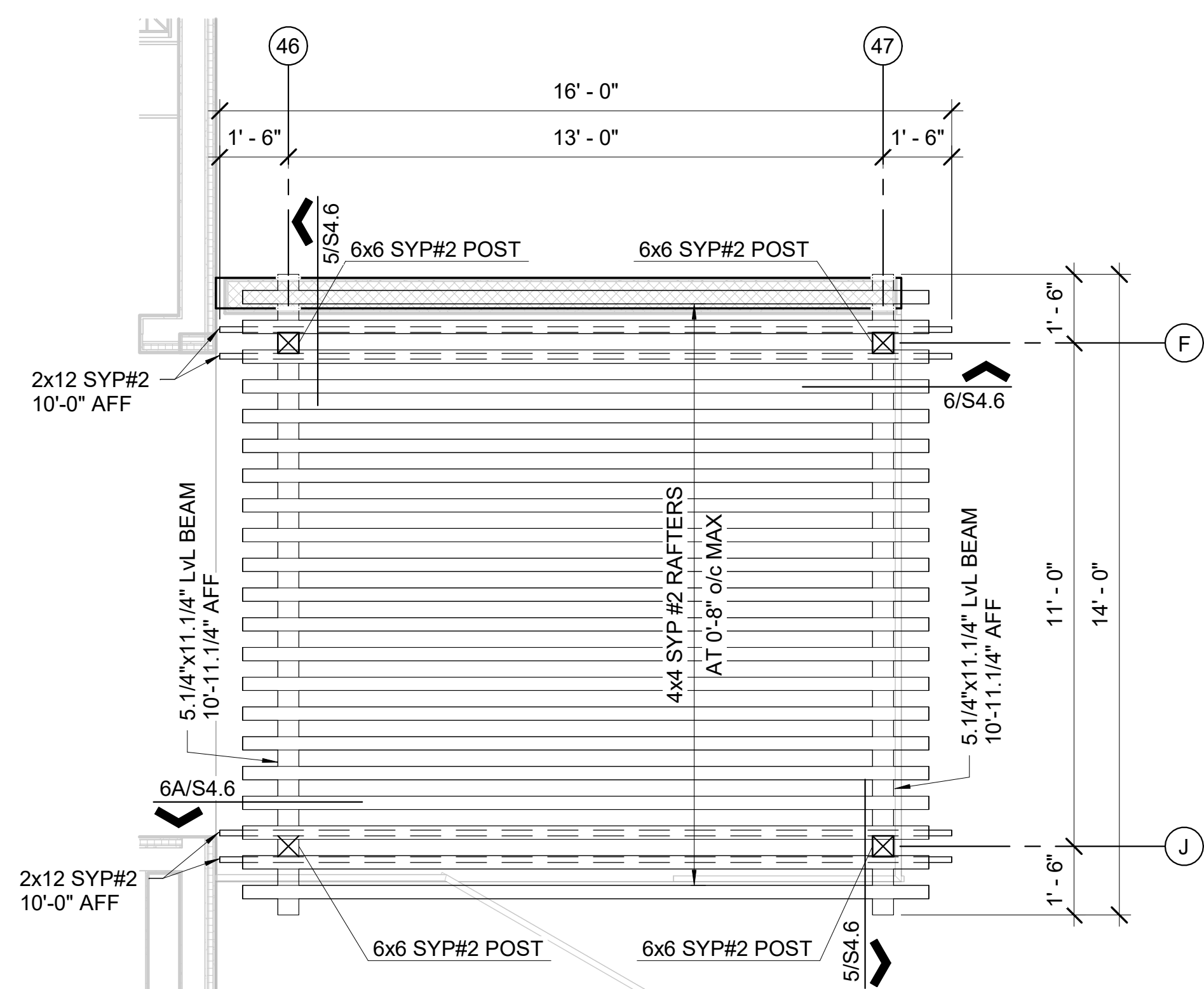


**2 LOW TOWER ROOF FRAMING PLAN**

3/8" = 1'-0"

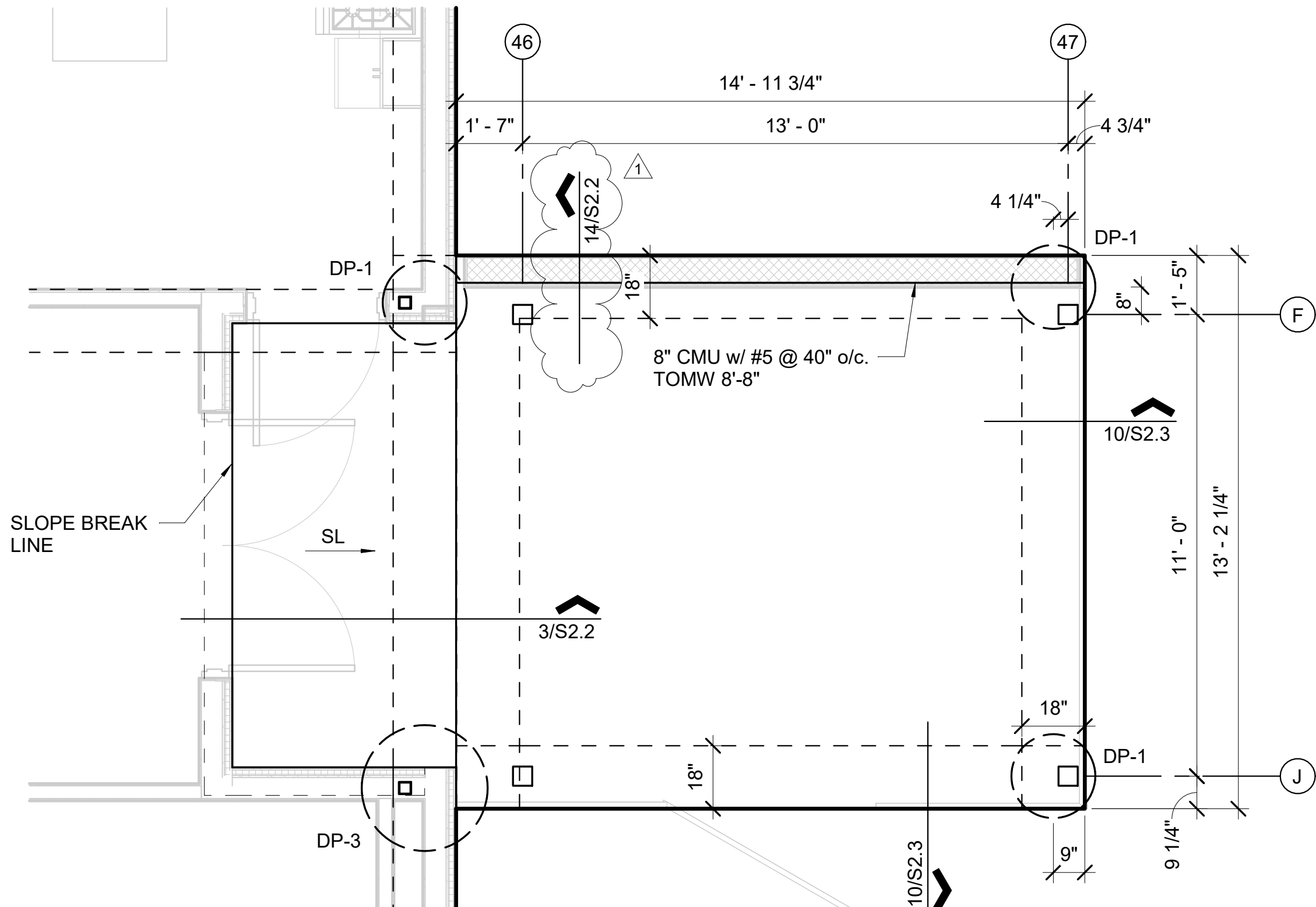
NOTES:

1. ROOF DECK SHALL BE 1.5B 22GA GALV DECK BY VULCRAFT OR APPROVED EQUAL (lp=0.155 IN/FT; ln=0.183 IN/FT; SP=0.186 IN/FT; Sn=0.192 IN/FT; Fy=33KSI). ATTACH DECK TO SUPPORTS USING 5/8" PUDDLE WELDS ON A 36/7 PATTERN AND 5-#10 TEK SCREW SIDE LAP FASTENERS.
2. REFERENCE SHEETS S3.5 FOR FRAME PROFILES.
3. REFERENCE SHEETS S3.2-1 & S3.2-2 FOR LOW ROOF FRAMING PLANS.



**3 PERGOLA FRAMING PLAN**

3/8" = 1'-0"



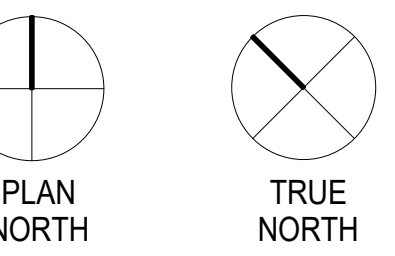
**4 PERGOLA FOUNDATION & PIER PLAN**

3/8" = 1'-0"





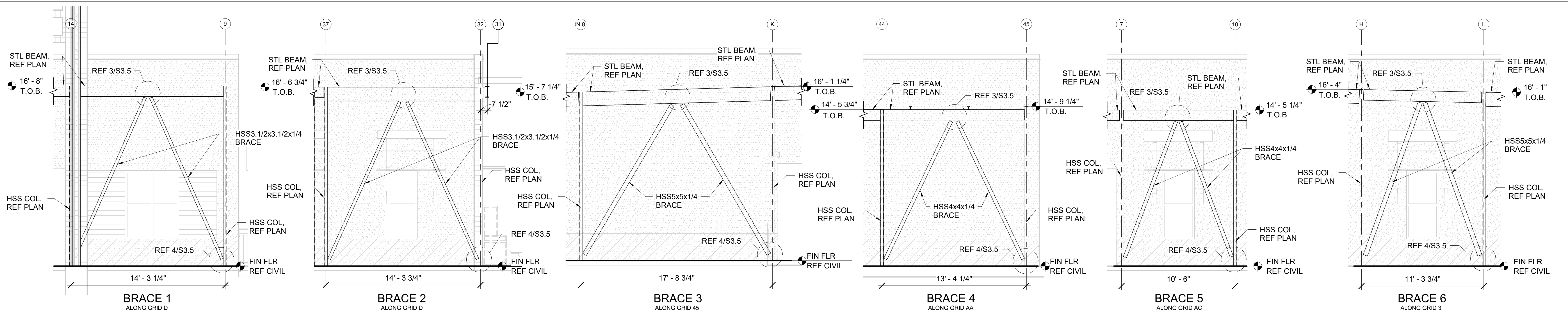
**CITY OF PORT  
ARANSAS  
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PORT ARANSAS,  
TEXAS**



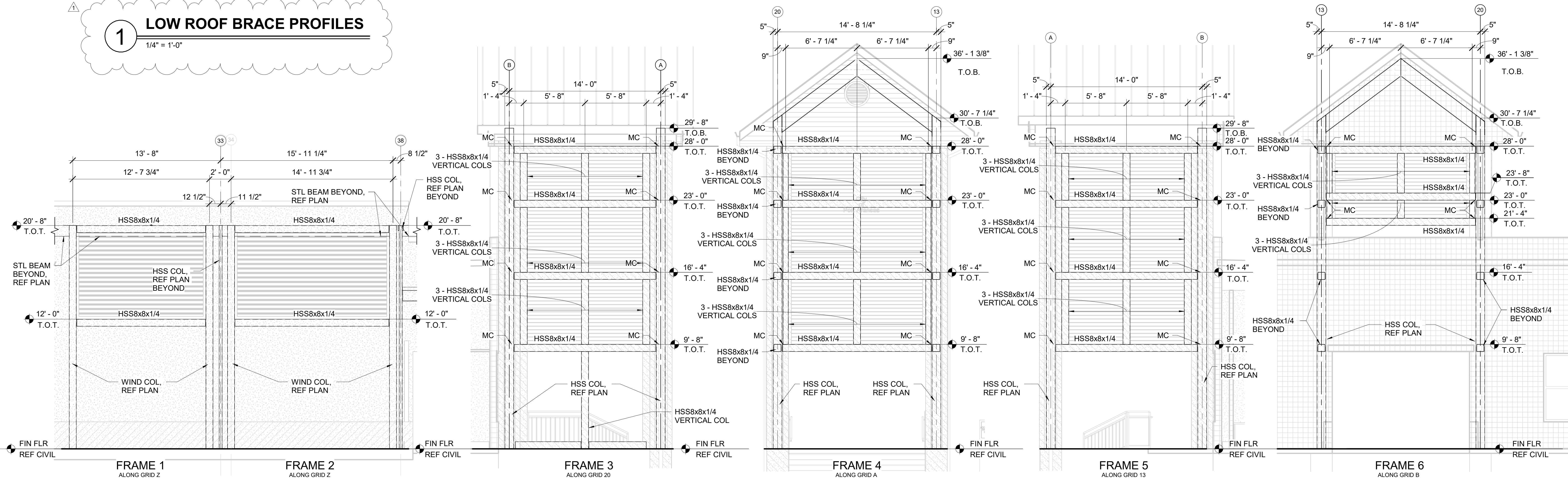
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1 ADDENDUM #2 06/15/23

Sheet Title:  
**BRACE & FRAME  
PROFILES**

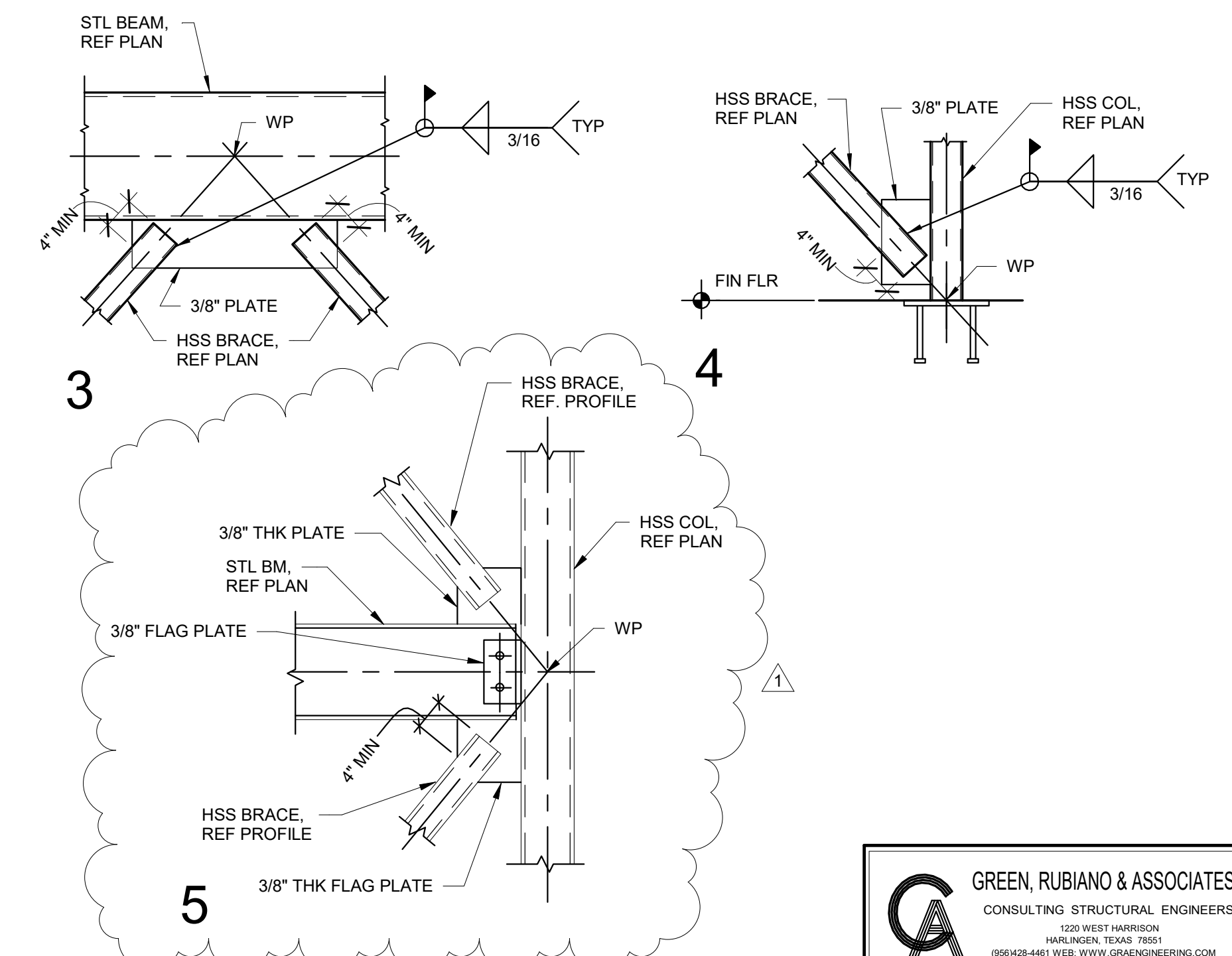
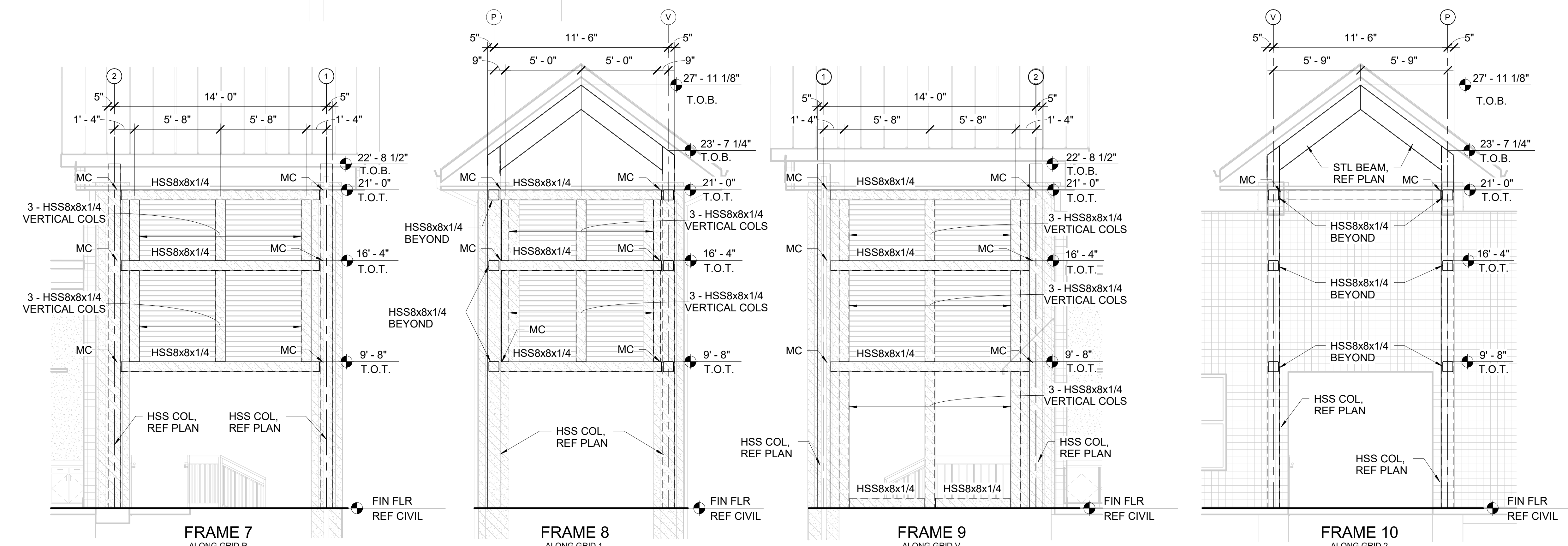


**1 LOW ROOF BRACE PROFILES**  
1/4" = 1'-0"



**2 FRAME PROFILES**  
1/4" = 1'-0"

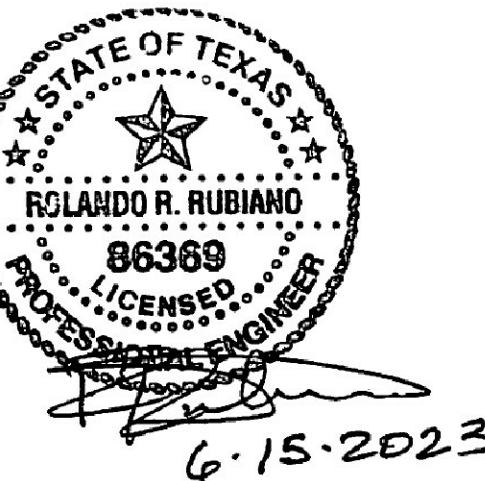
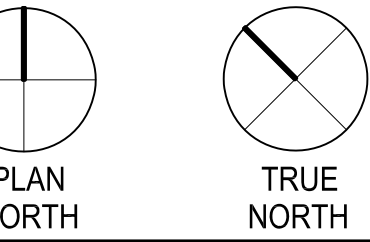
NOTES:  
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REFERENCE DETAIL 13/S1.4







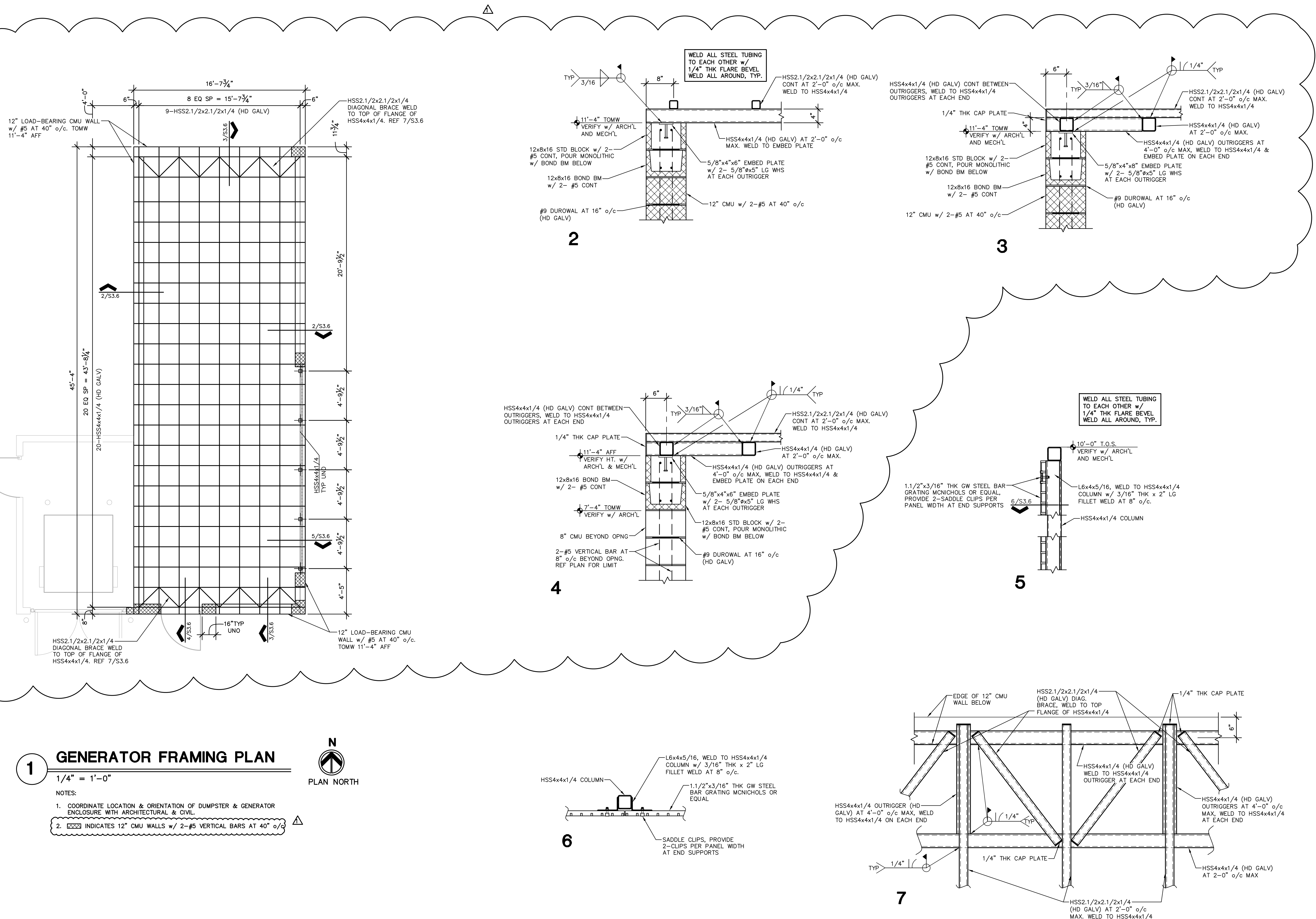
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TEXAS



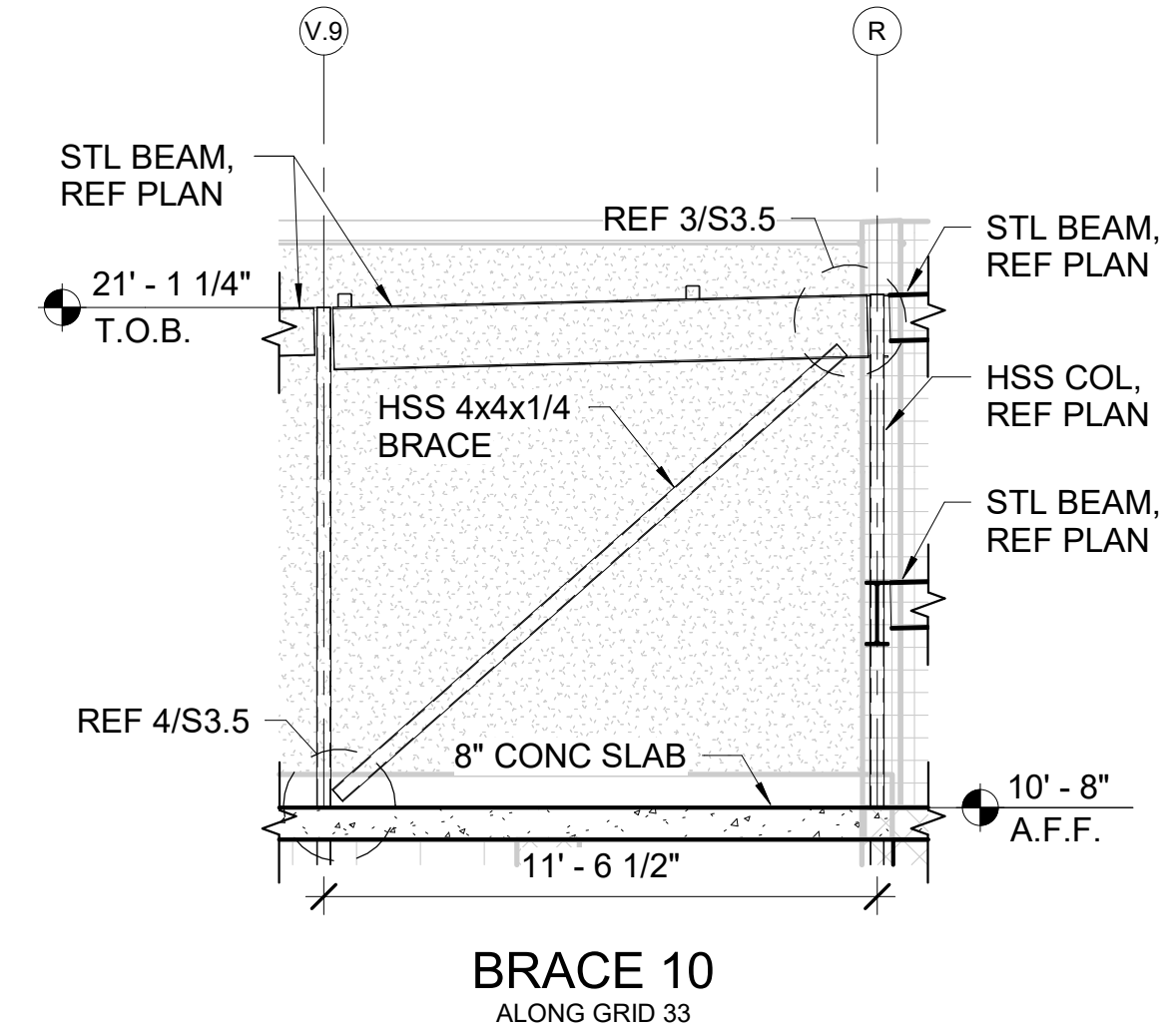
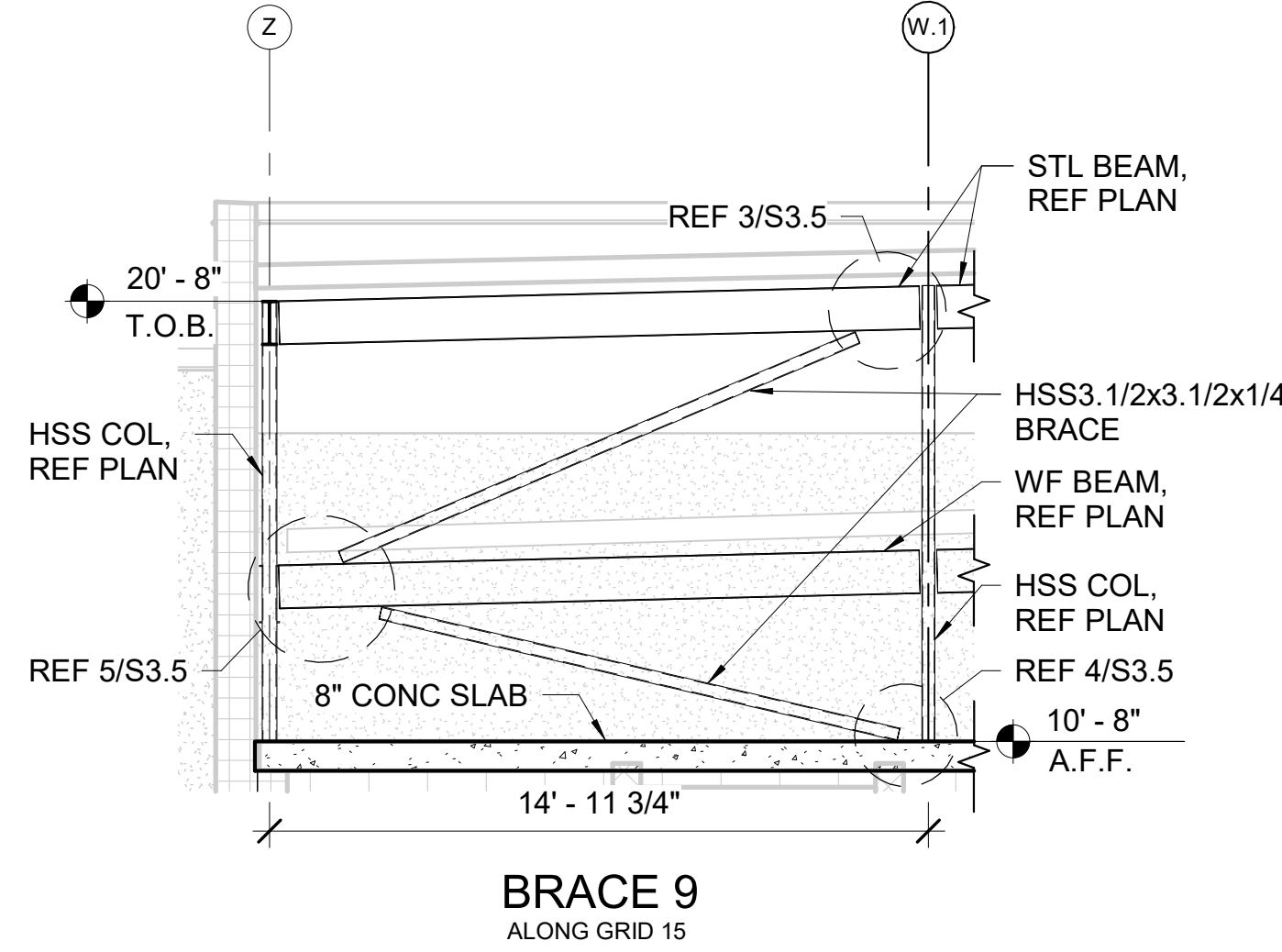
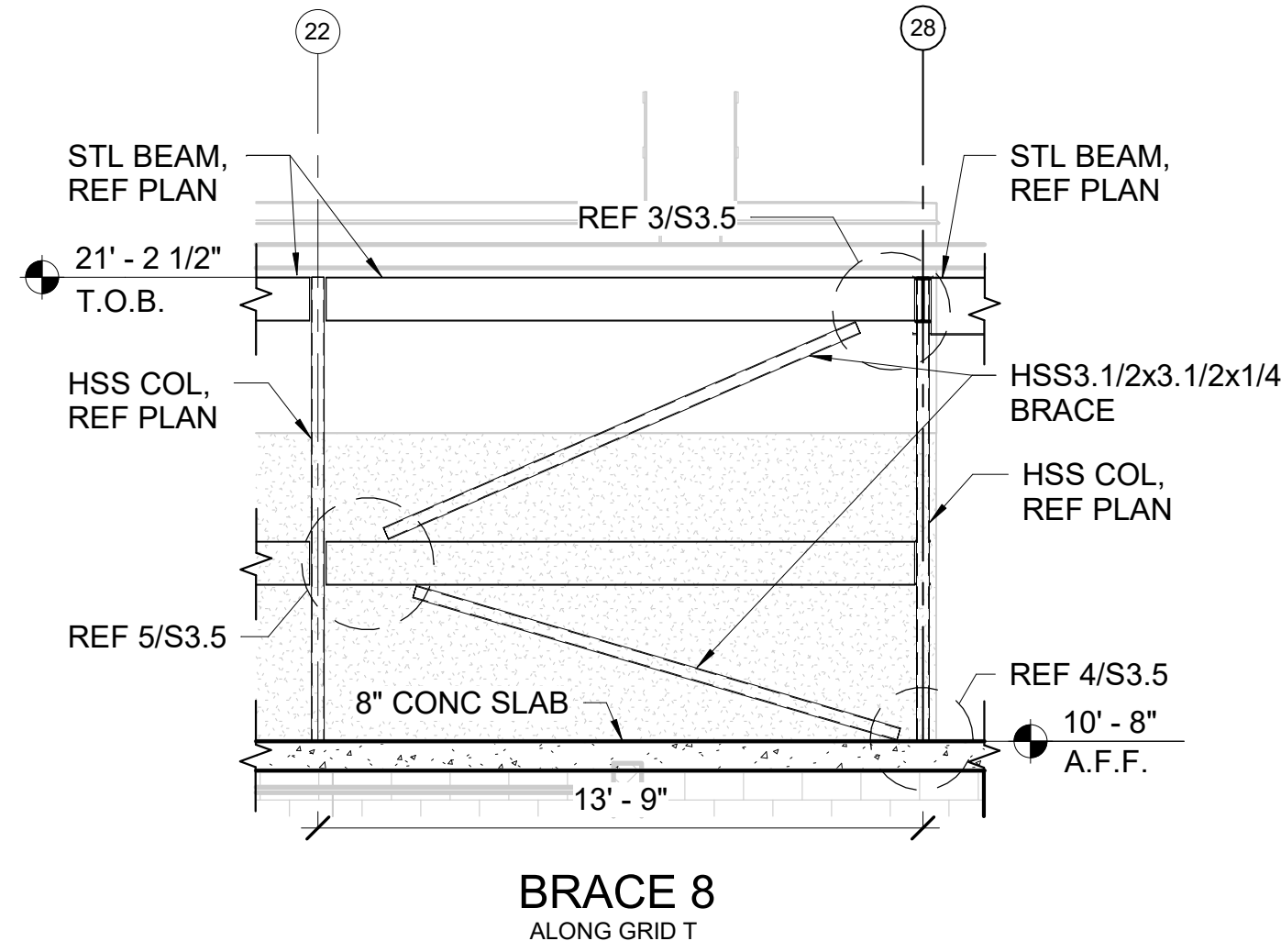
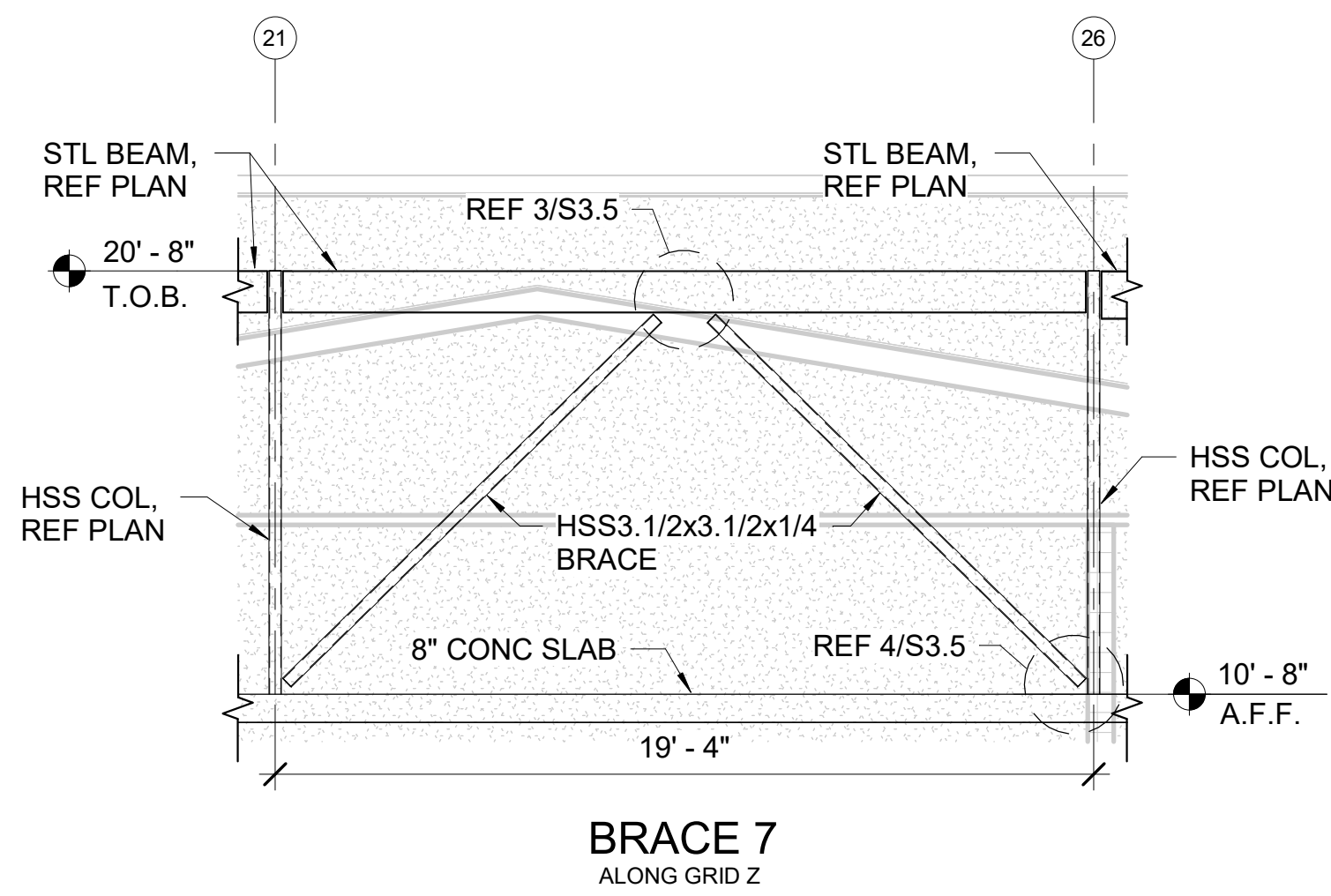
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Sheet Title:  
**GENERATOR  
FRAMING PLAN &  
DETAILS**

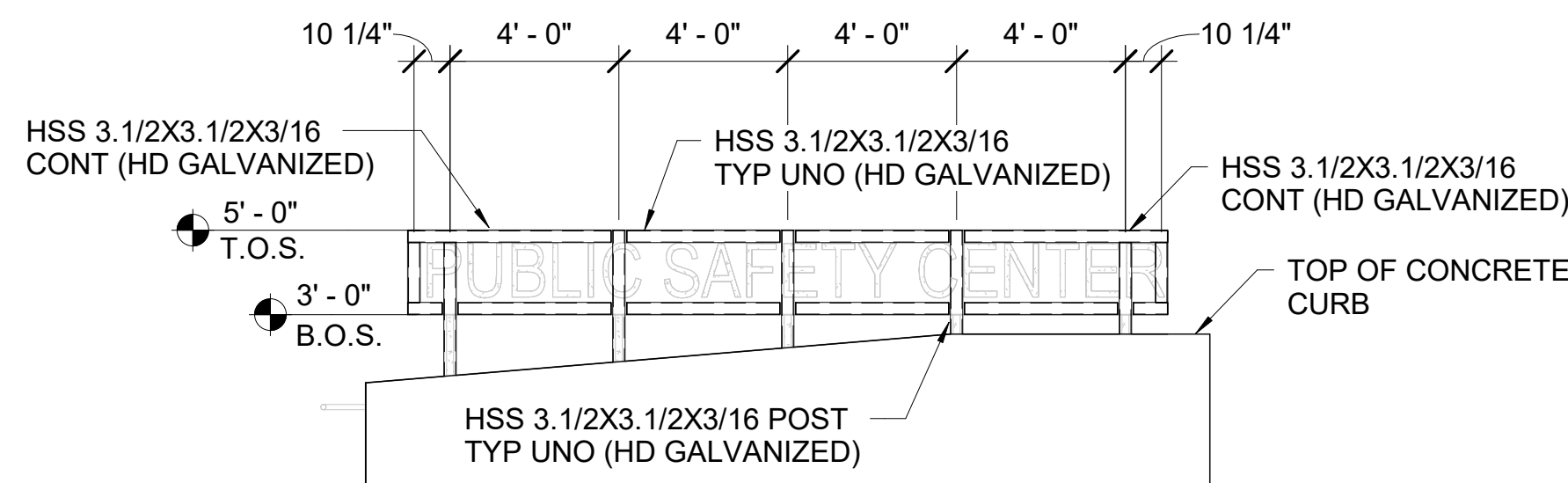






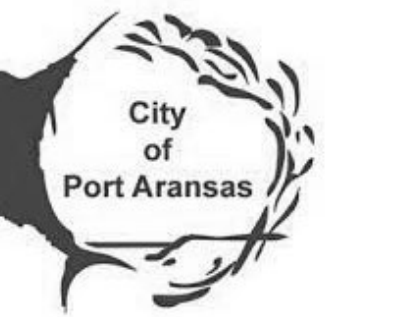
## 1 HIGH ROOF BRACE PROFILES

1/4" = 1'-0"

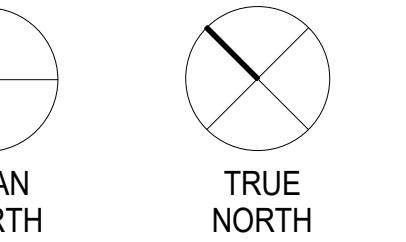


## 2 RAMP SIGN FRAME

1/4" = 1'-0"



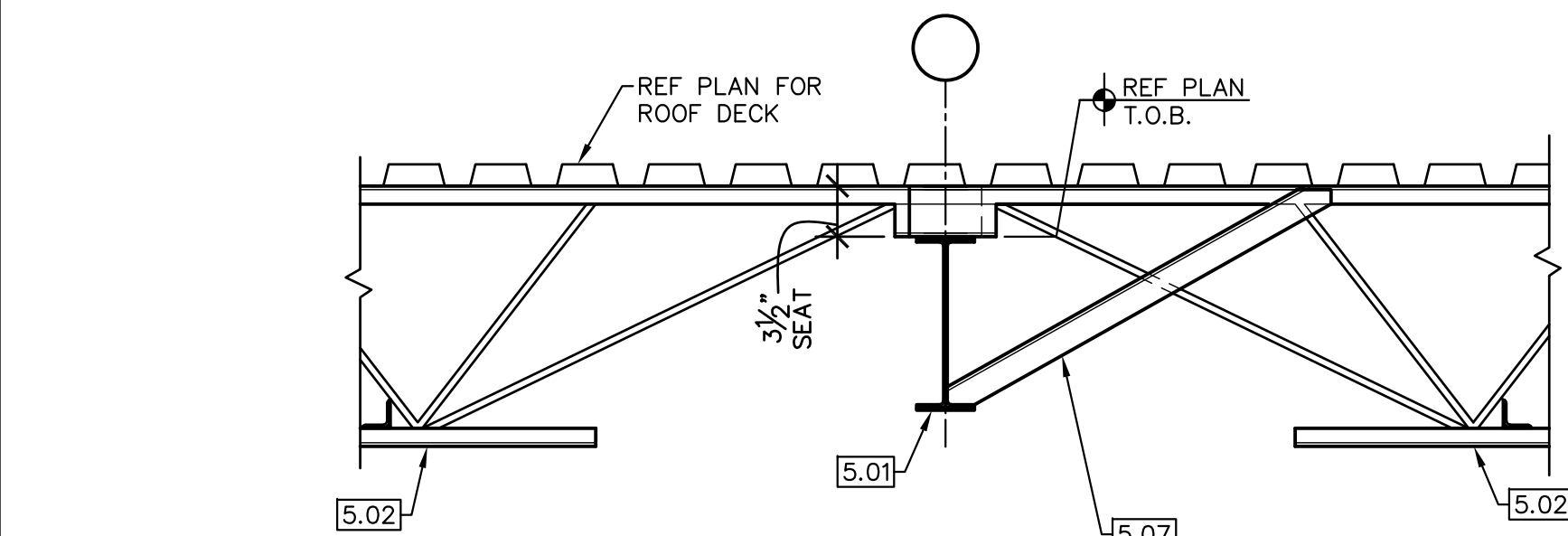
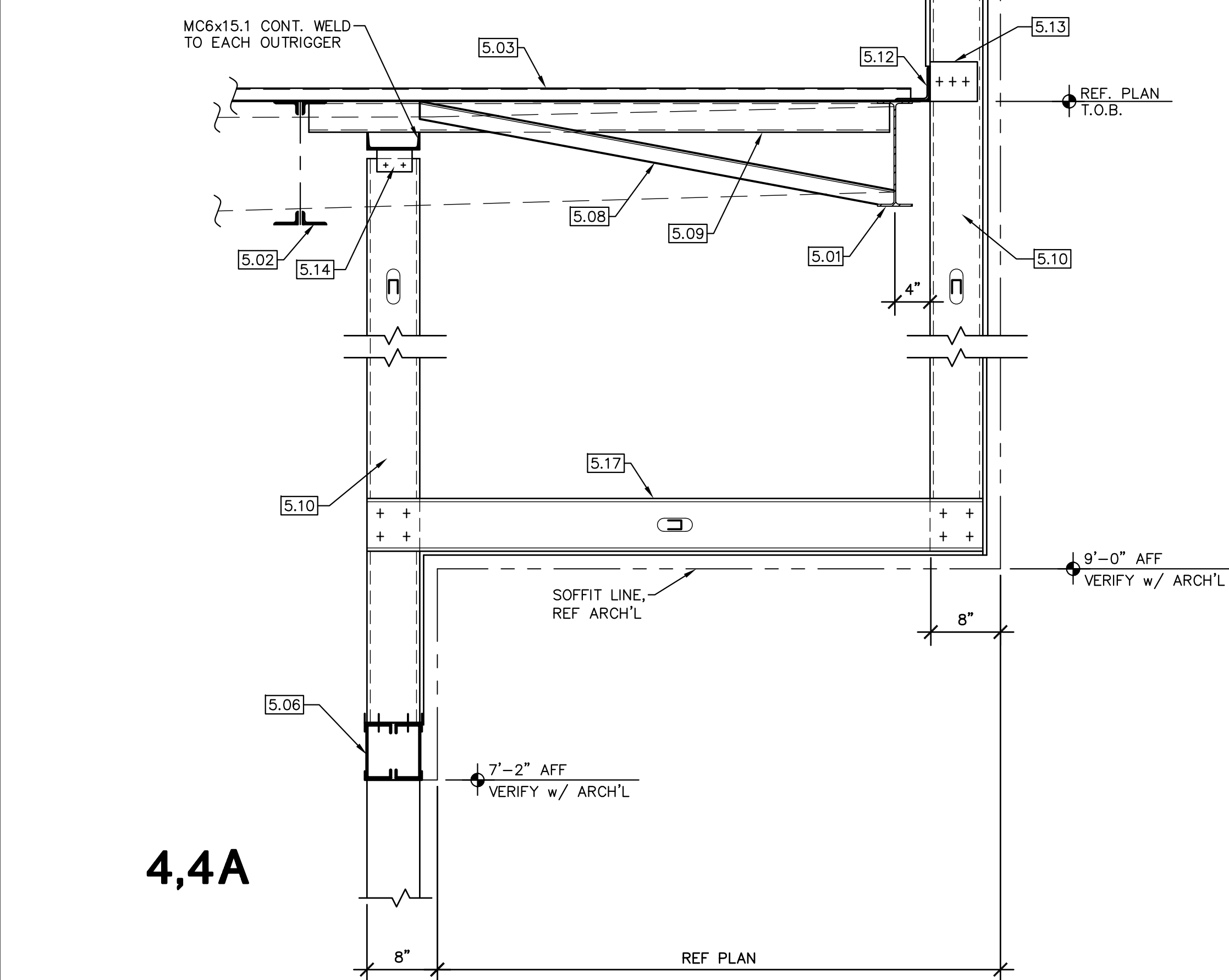
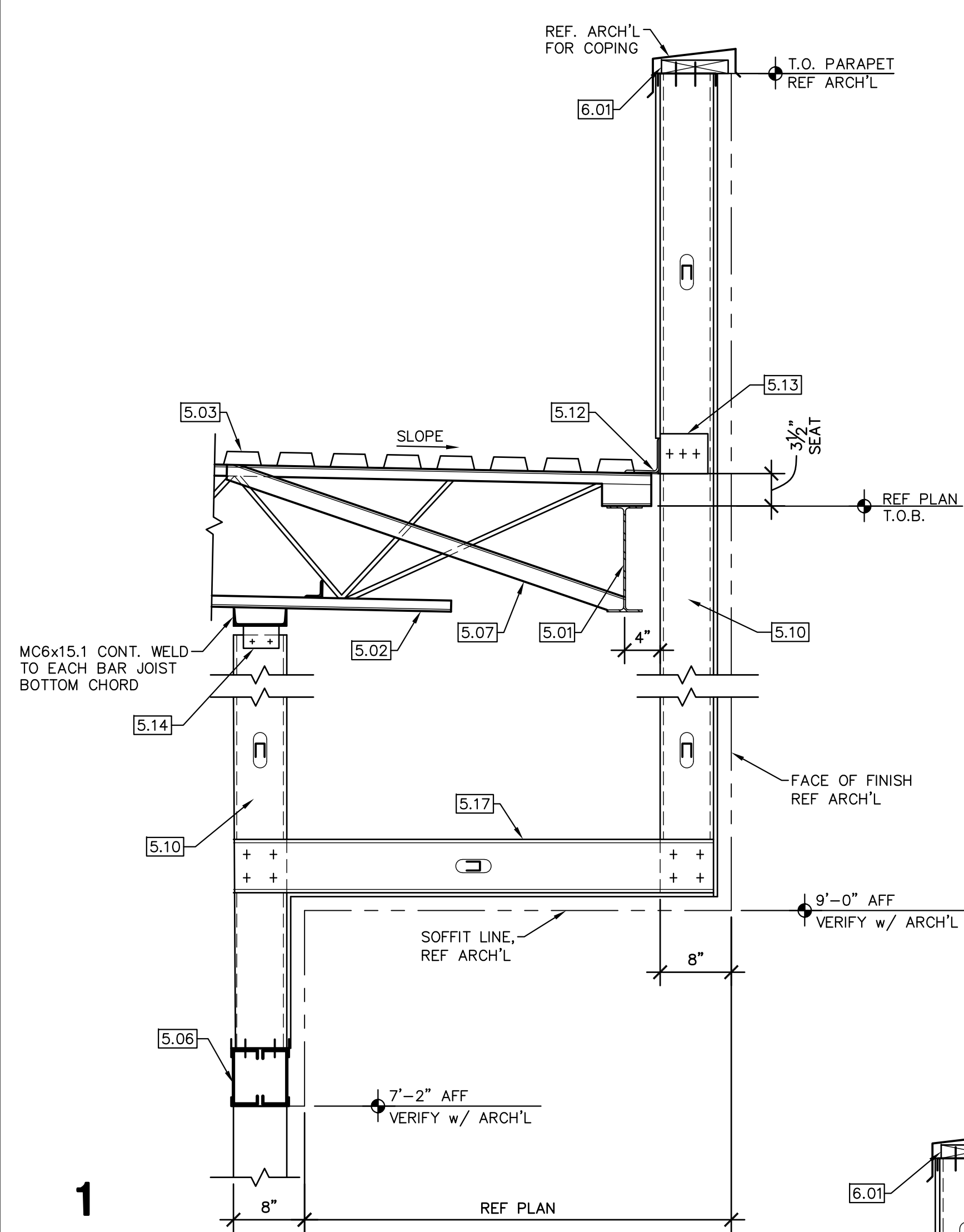
**CITY OF PORT ARANSAS**  
**PUBLIC SAFETY CENTER**  
**PORT ARANSAS, TEXAS**



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Drawing Date:	05/18/2023	
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No.	Description	Date

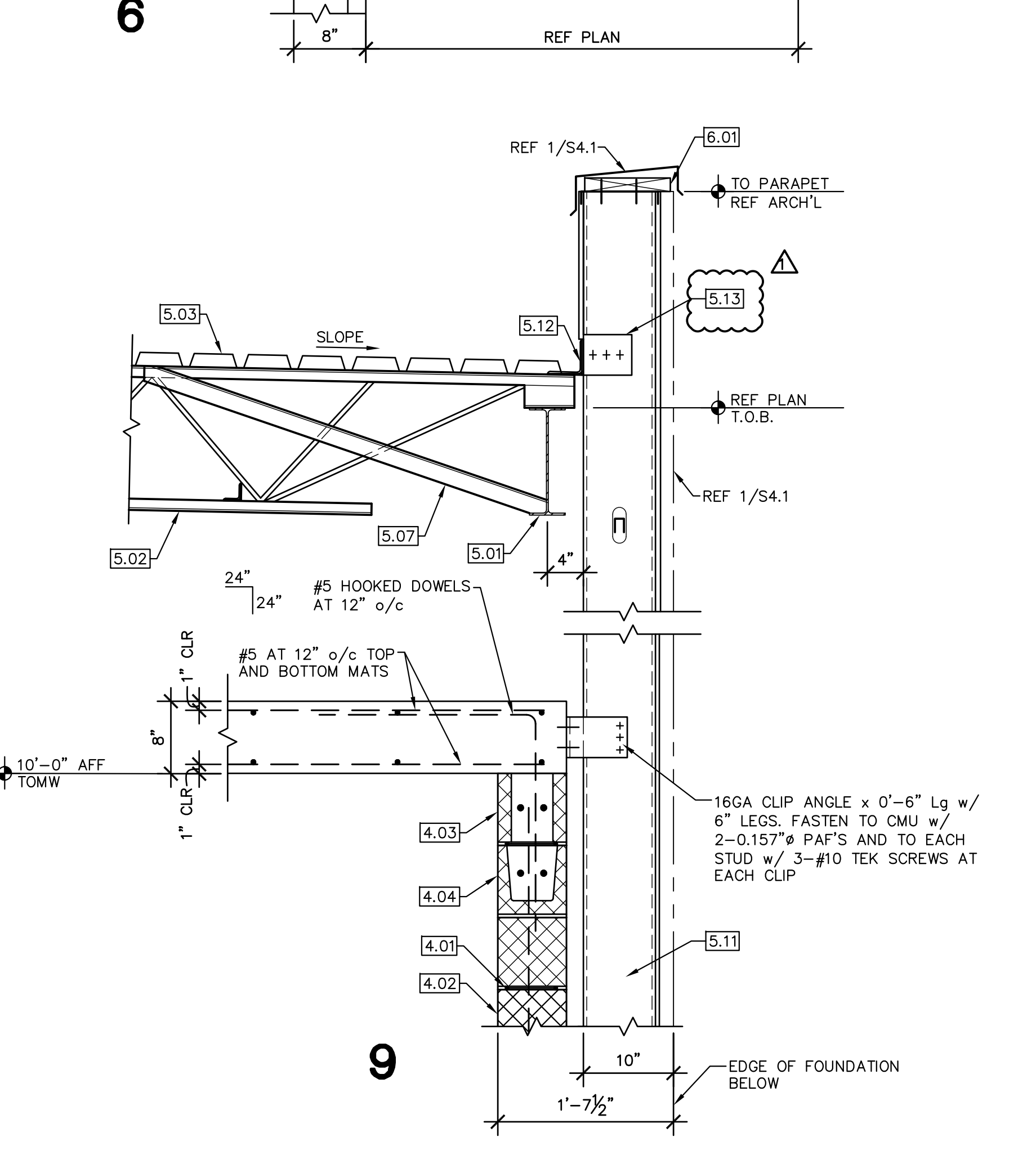
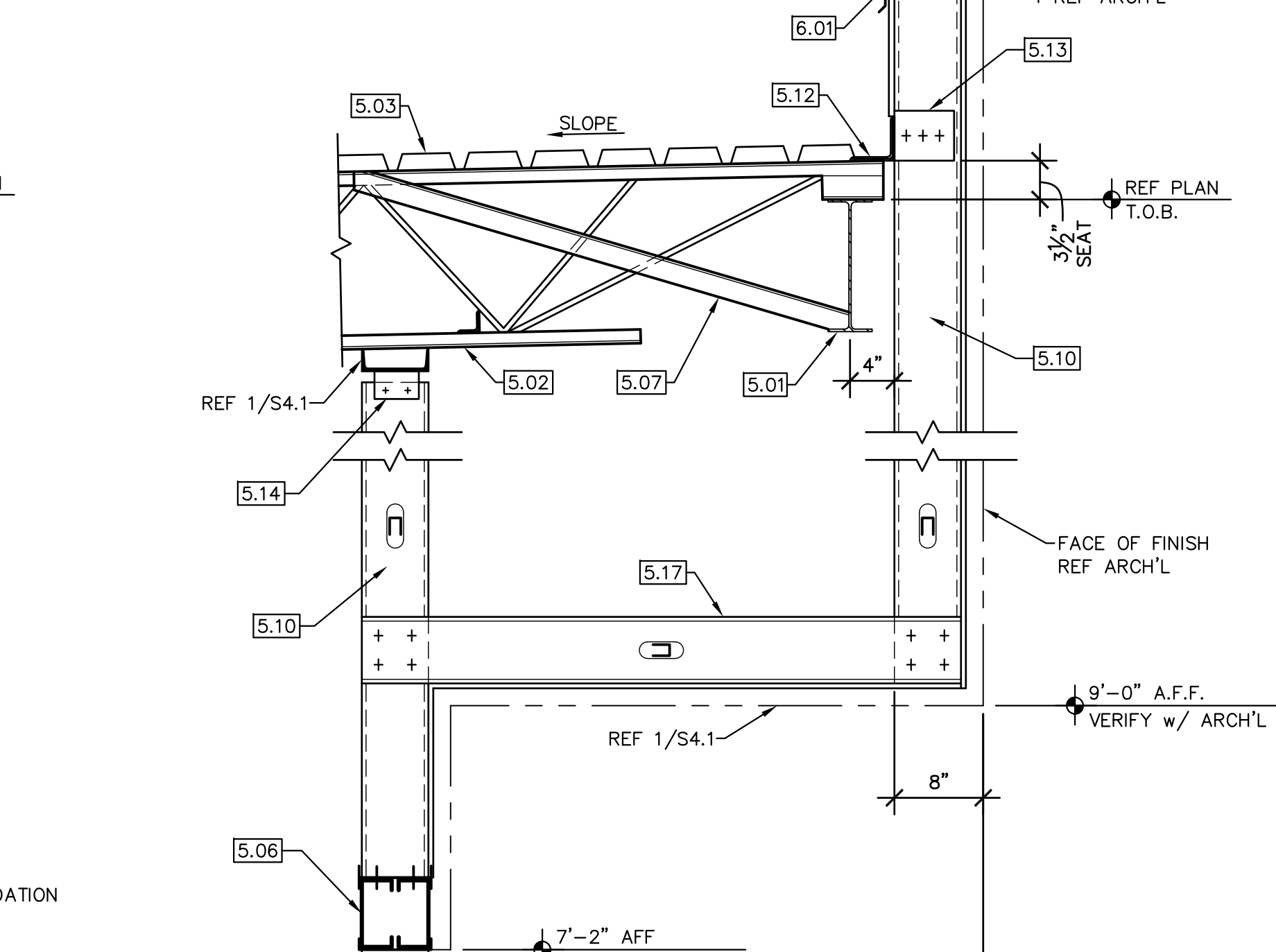
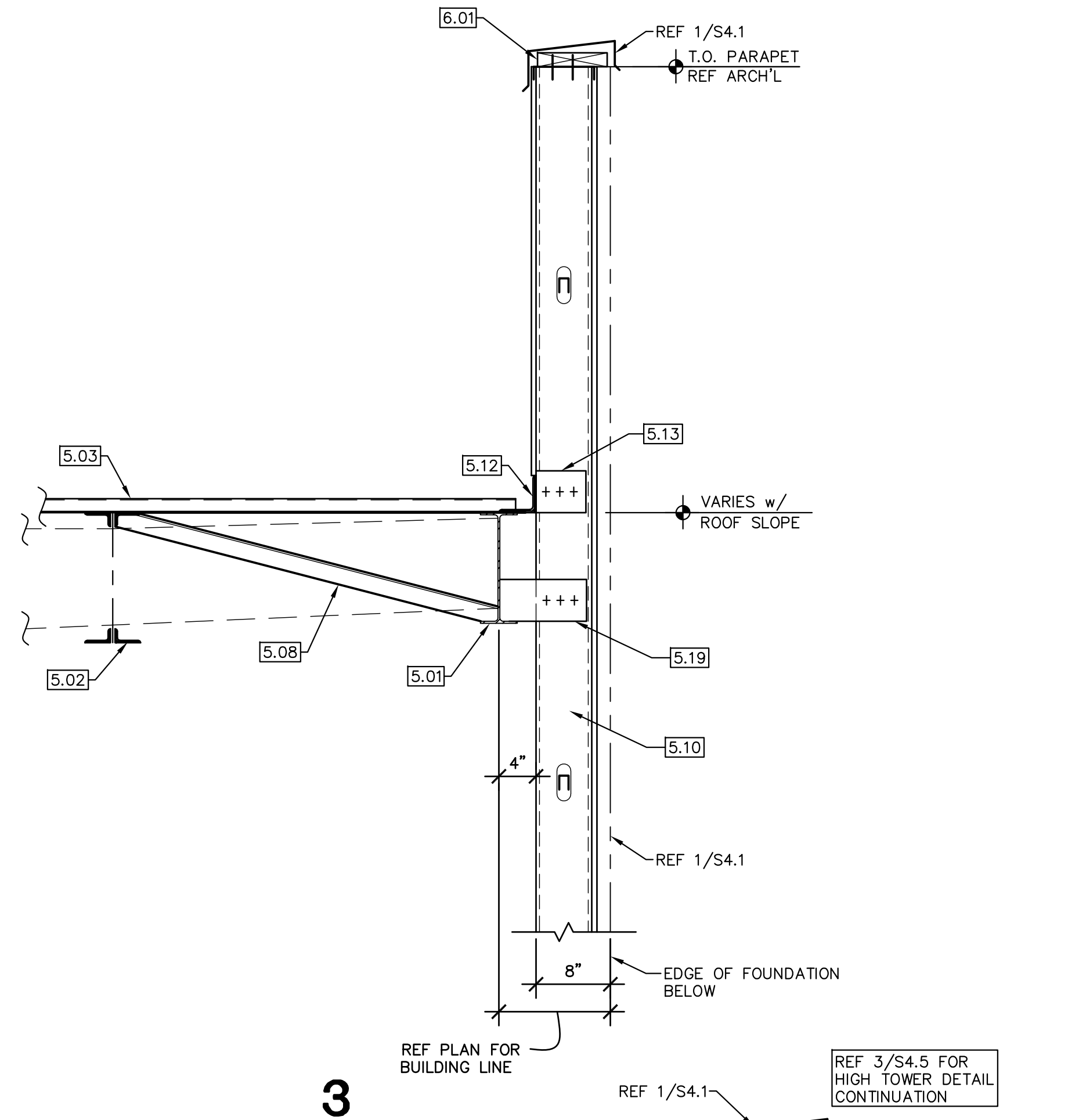
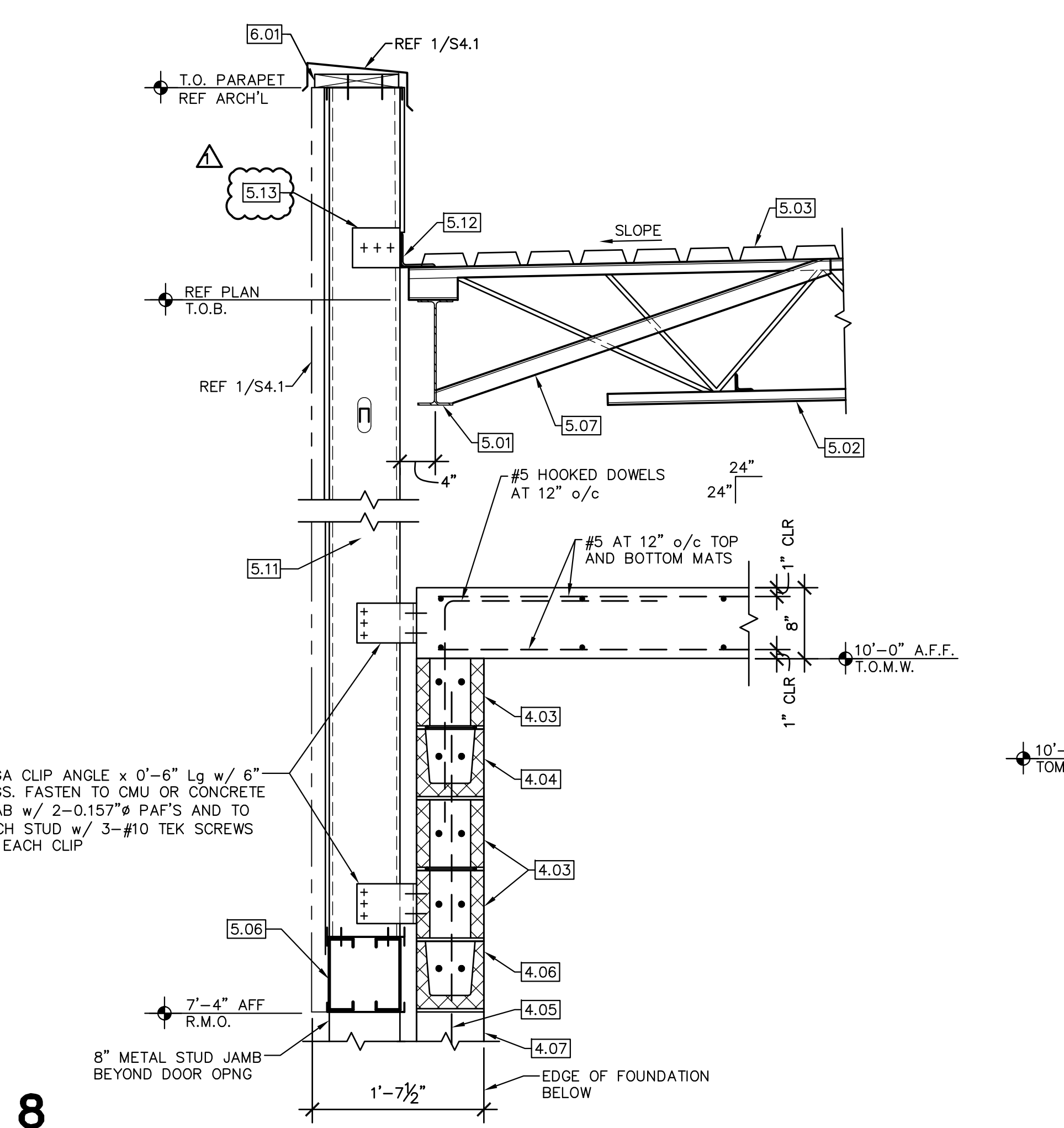
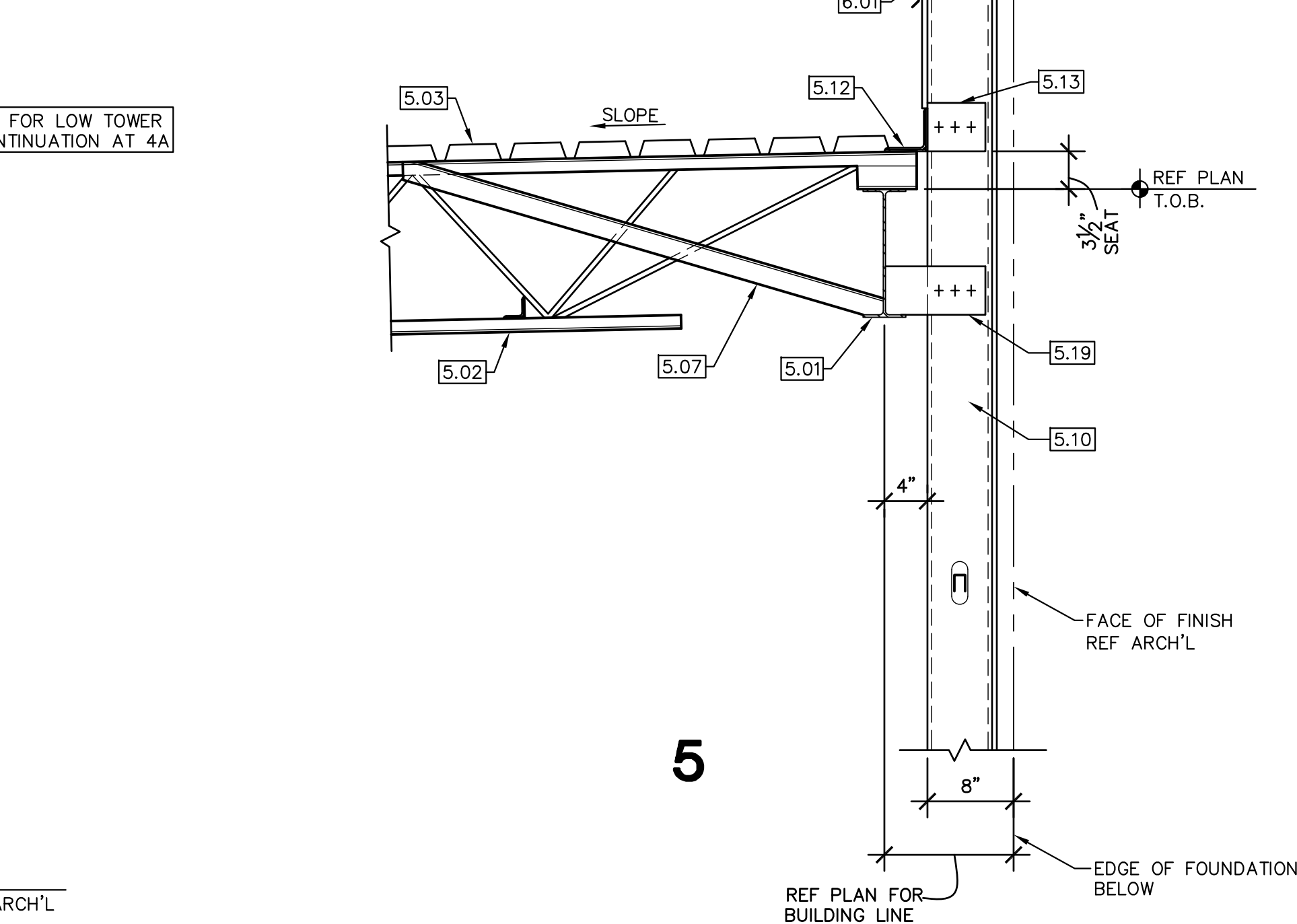
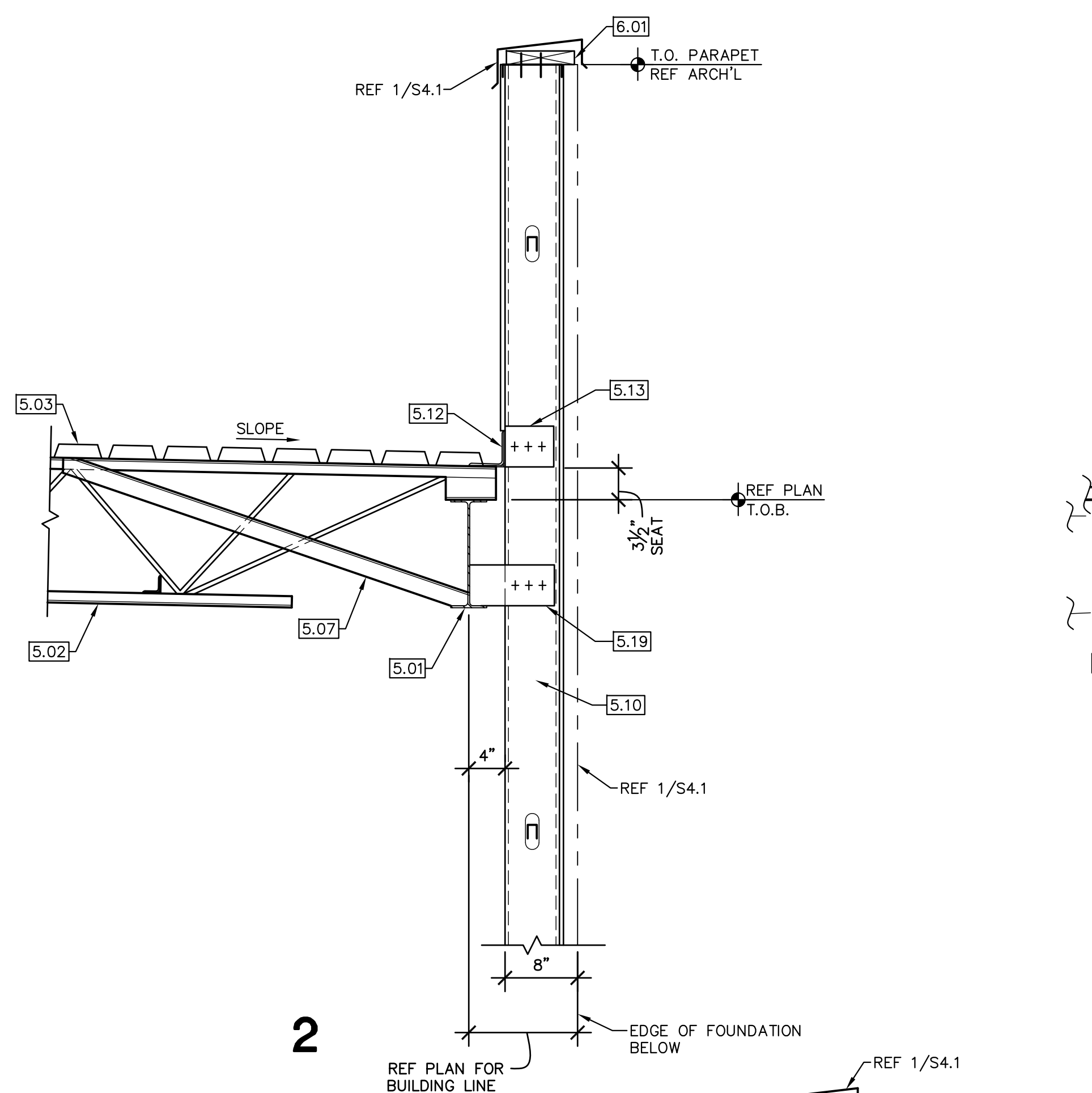
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**HIGH ROOF BRACE PROFILES**





## 7 TYPICAL INTERIOR BEAM

NOTE: REFER TO PLAN NOTES FOR ROOF DECK ATTACHMENT.



## KEY NOTES

### DIVISION 4 MASONRY

- 4.01 #9 DUROWAL AT 16" o/c (HD GALV).
- 4.02 8" CMU WITH #5'S AT 40" o/c. FULLY GROUT ALL CELLS.
- 4.03 8x8x16 STD BLOCK w/ 2-#5 CONT. POUR MONOLITHIC w/ BOND BEAM BELOW.
- 4.04 8x8x16 BOND BEAM w/ 2-#5 CONT.
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- 5.05 2x2x5.1/2"x14GA CLIP ANGLE AT EACH END, FASTEN TO STUD/BOX HEADER/HSS BM w/ 2-#10 TEK SCREWS.
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- 5.13 FAST CLIP SLIDE CLIP (FCSC) 5.1/2" FASTEN TO STEEL ANGLE WITH 3-0.157" PDS POWDER ACTUATED FASTENERS AND TO EACH METAL STUD WITH 3-FAST CLIP DEFLECTION SCREWS.
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### DIVISION 6 WOOD

- 6.01 2x (PT) NAILER, COORDINATE SIZE WITH ARCHITECT. FASTEN TO METAL STUD TRACK w/ 2-#10 TEK SCREWS AT 12" o/c.

## CONSULTANTS

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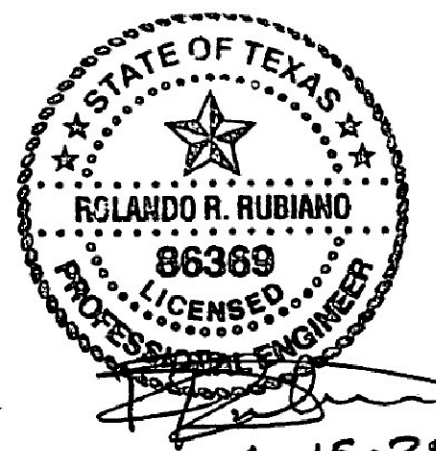
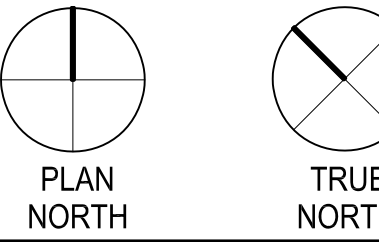
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LANDSCAPE / IRRIGATION:



## CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS



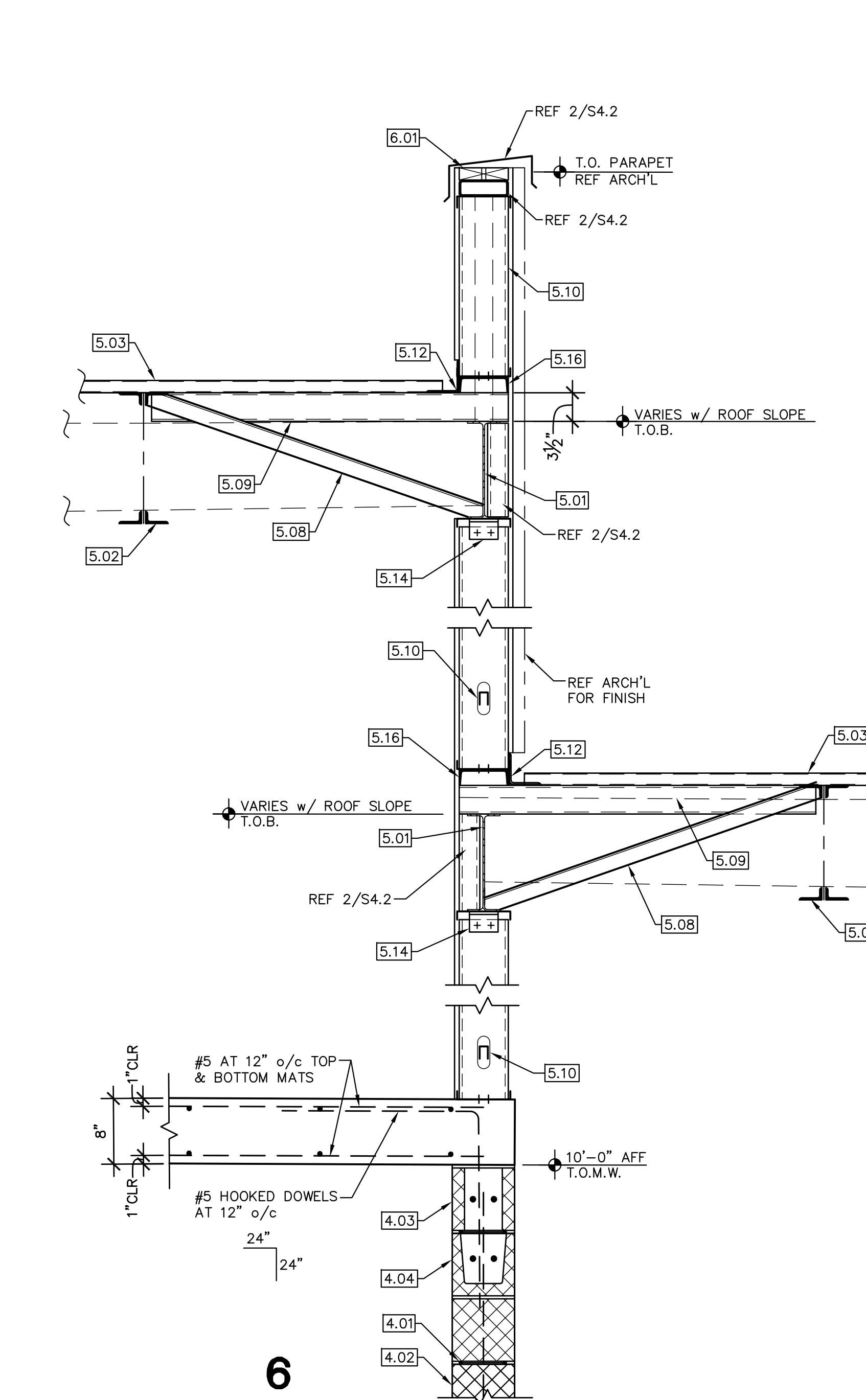
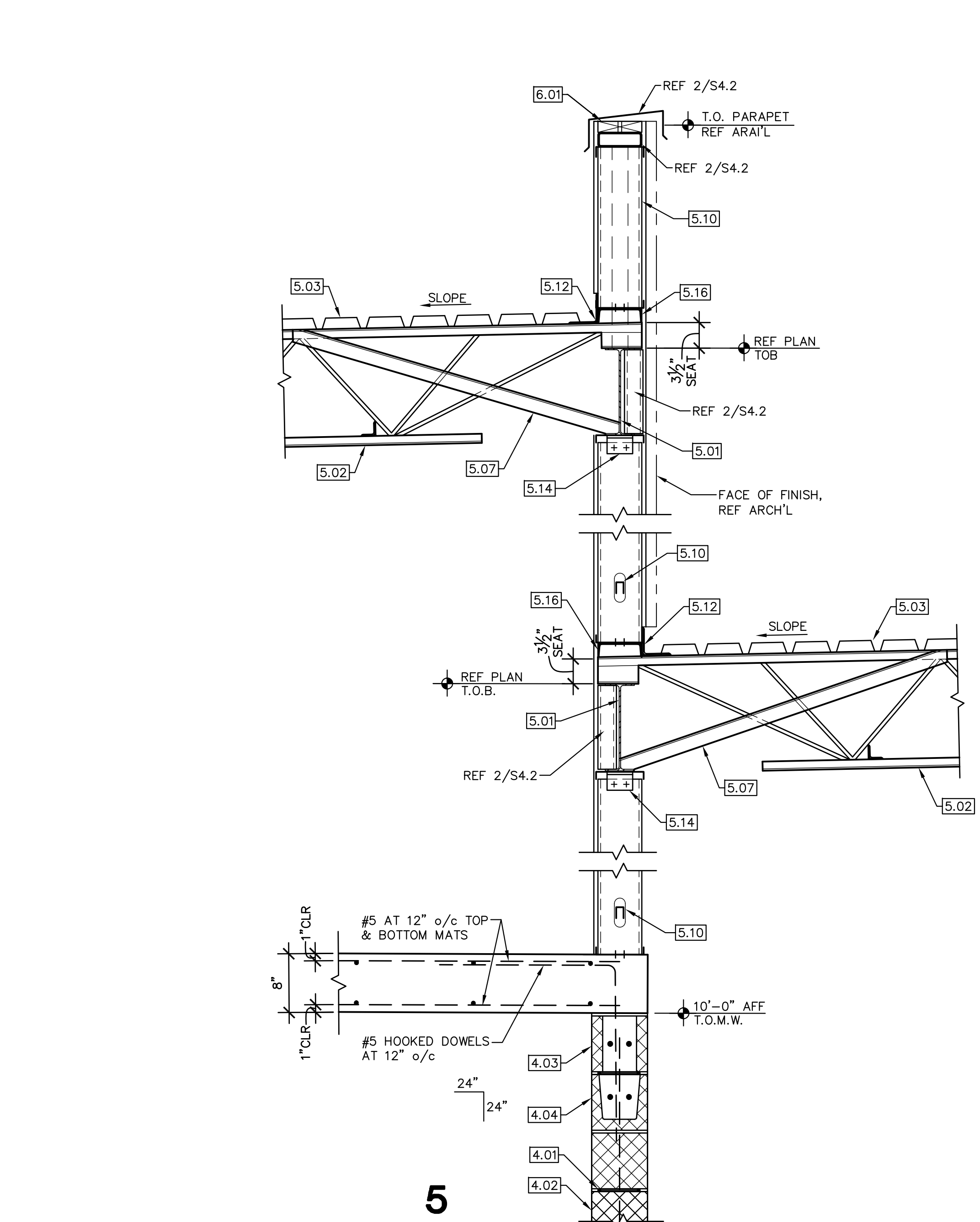
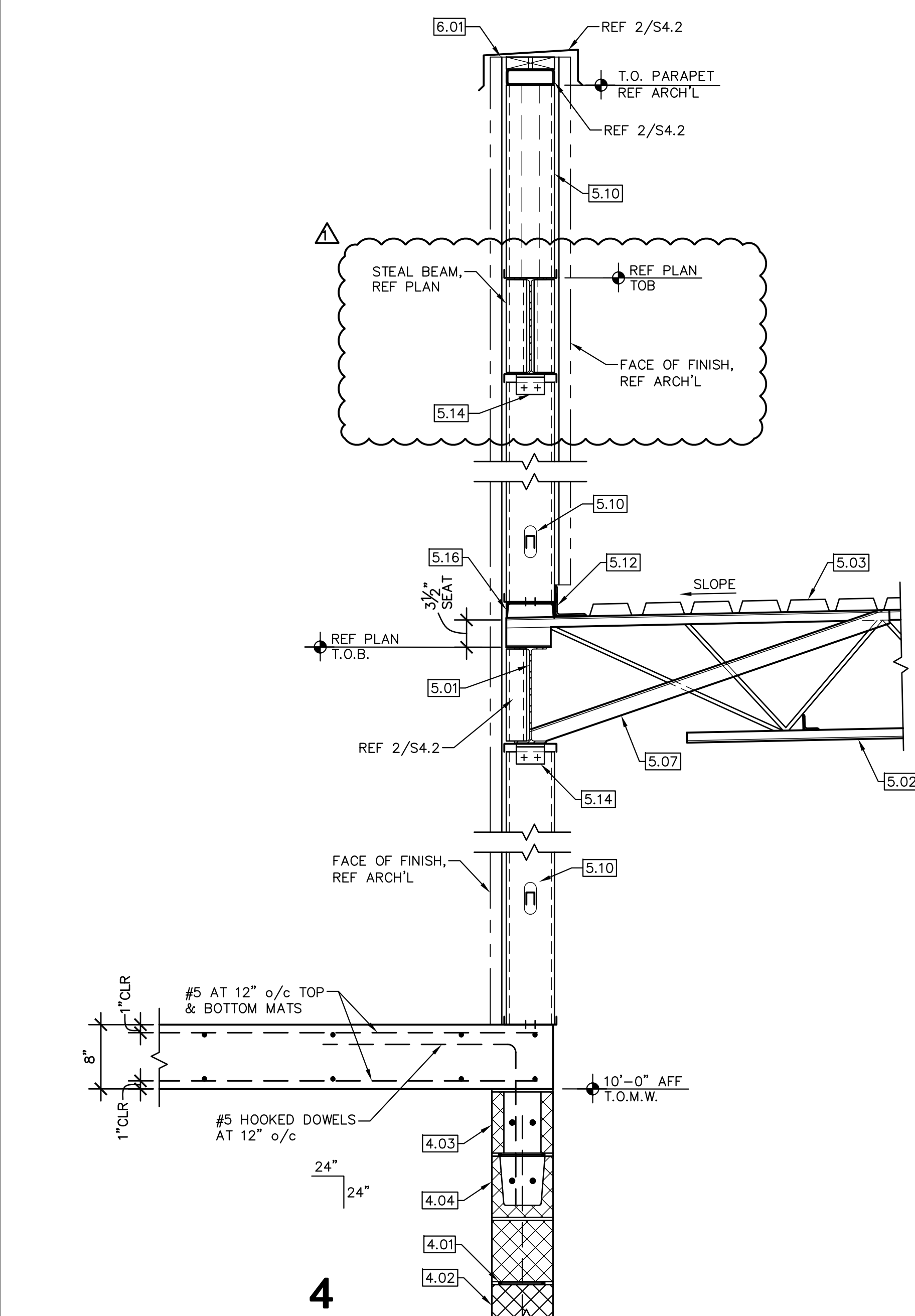
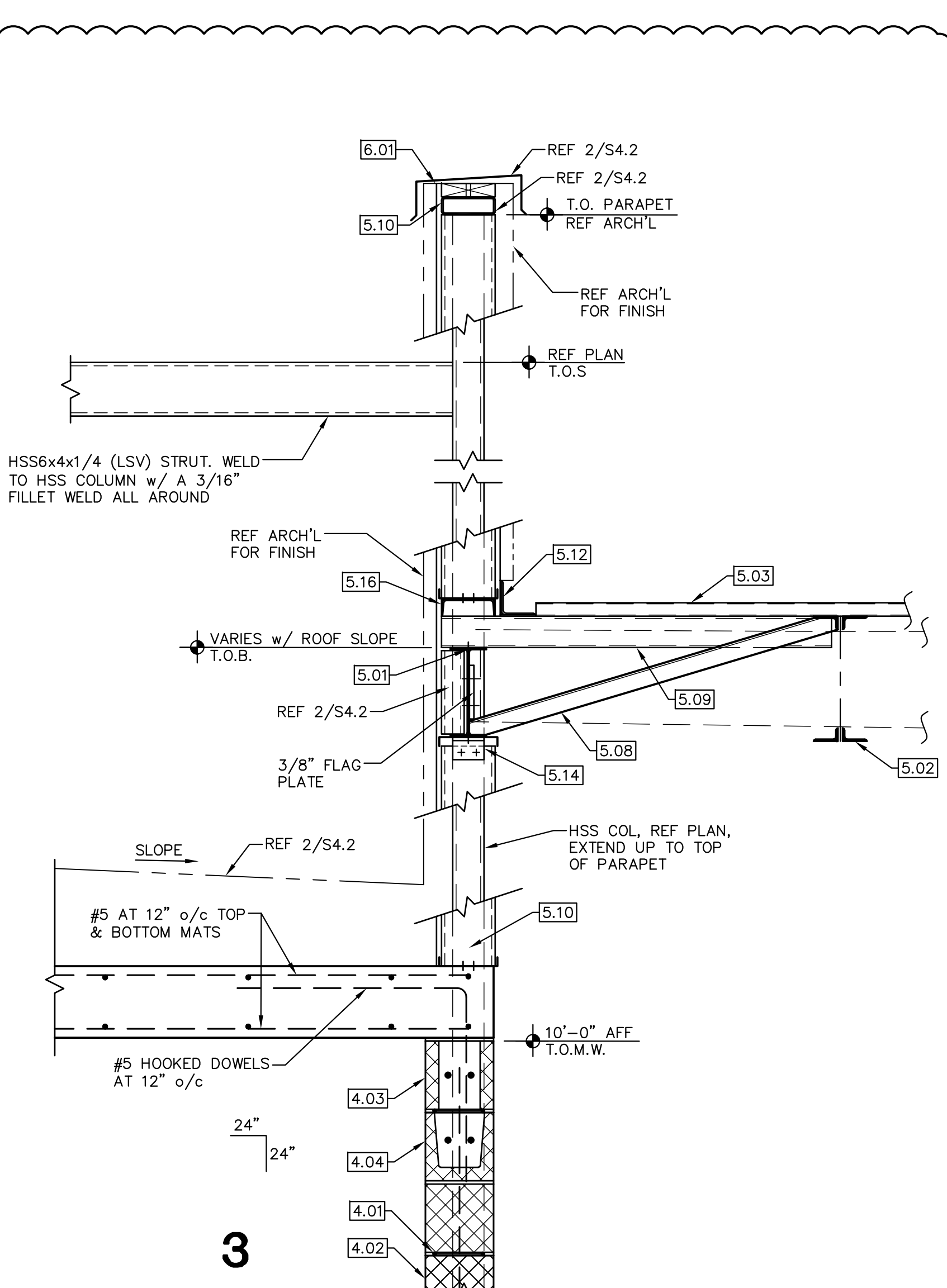
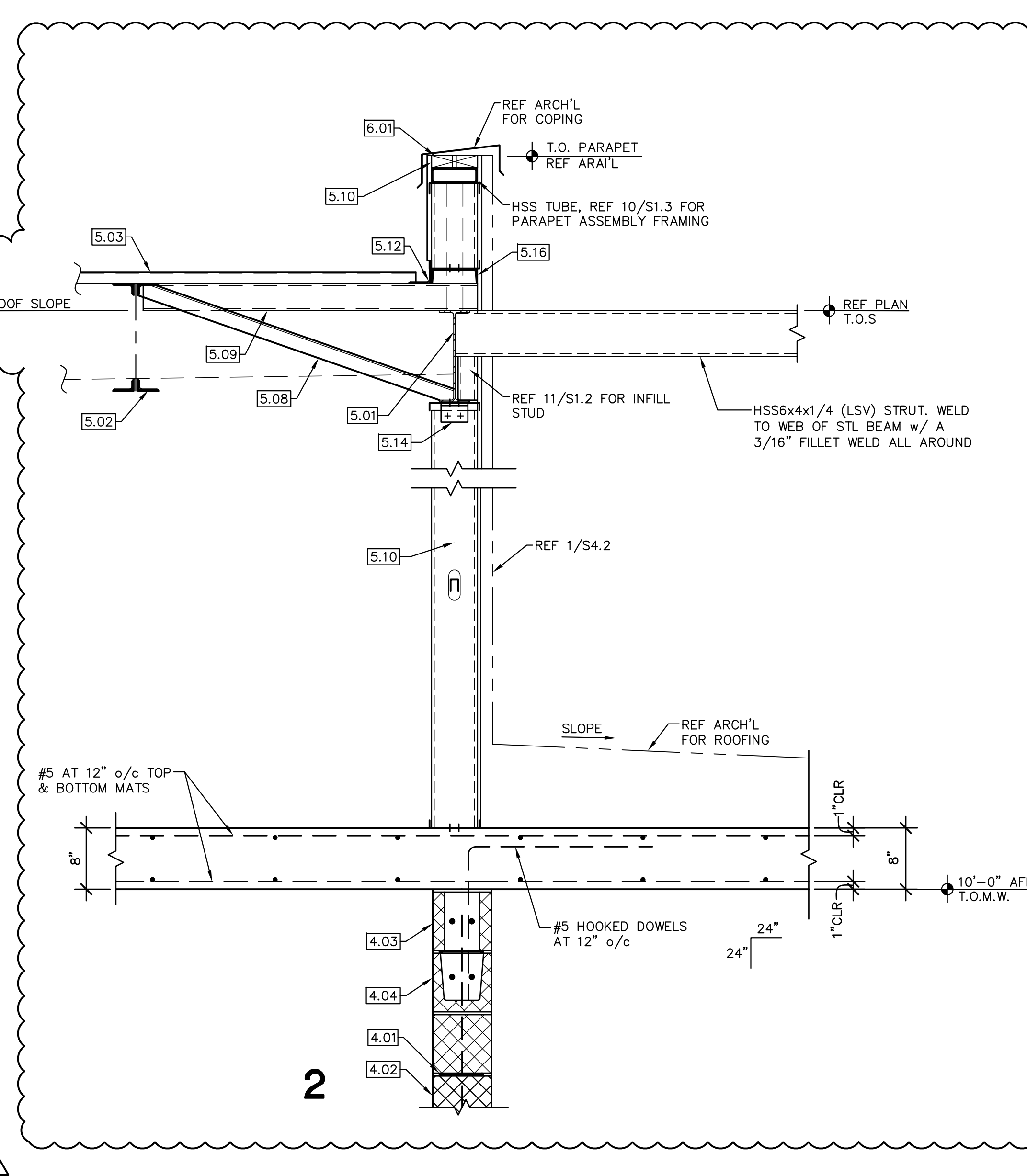
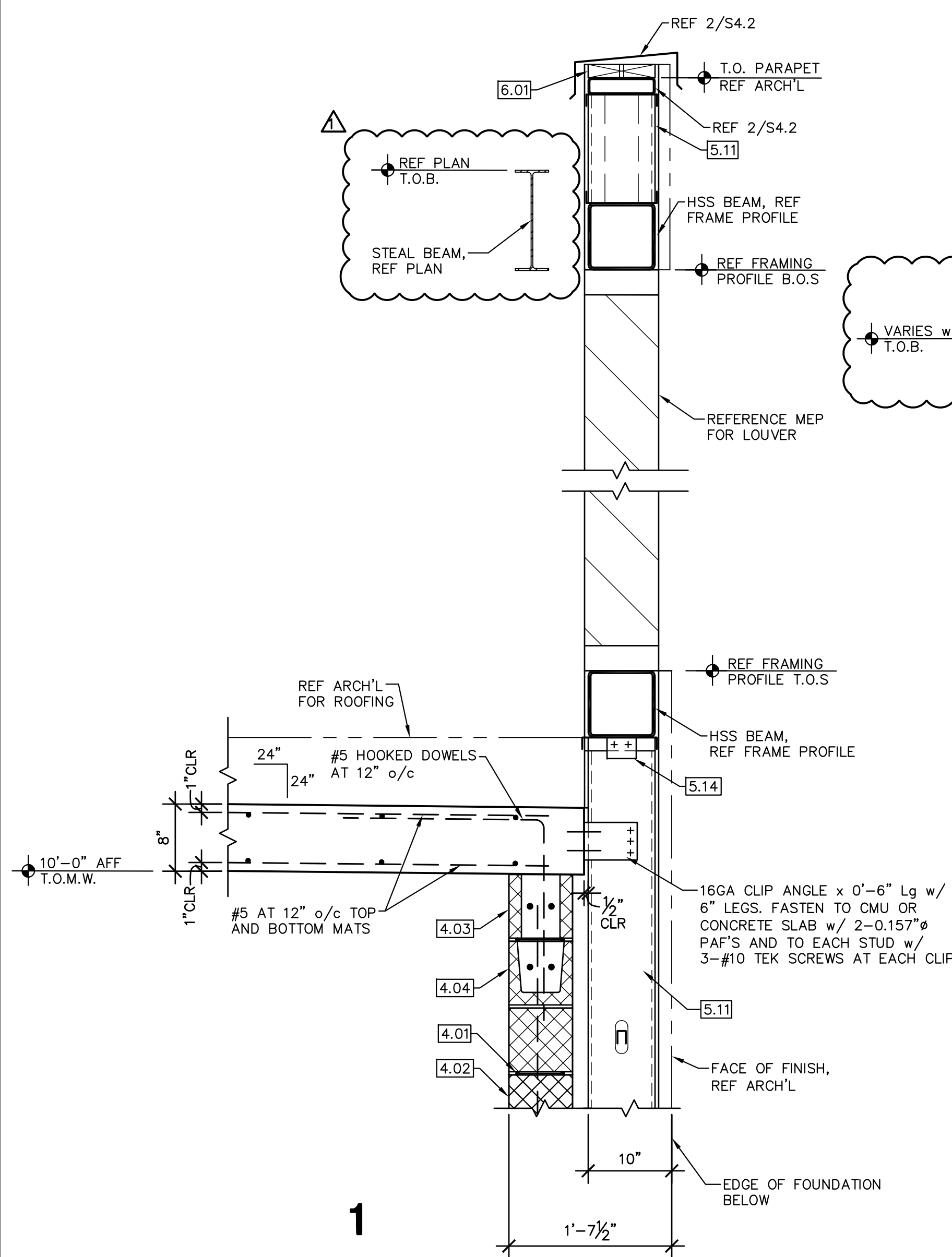
Project Number:	696-236
Drawing Date:	05/18/2023
Drawn:	TG
Checked:	BD
Revisions:	

No.	Description	Date
1.	ADDENDUM #2	06/15/2023

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## FRAMING DETAILS





## KEY NOTES

### DIVISION 4 MASONRY

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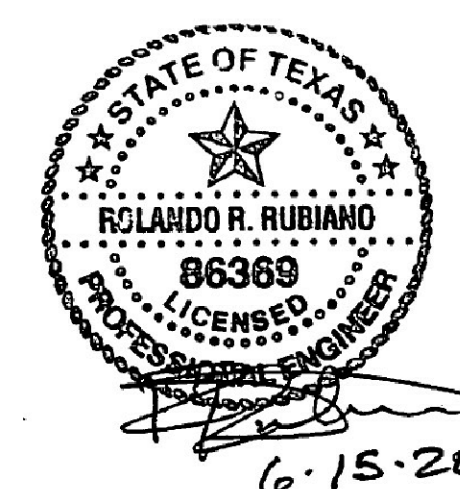
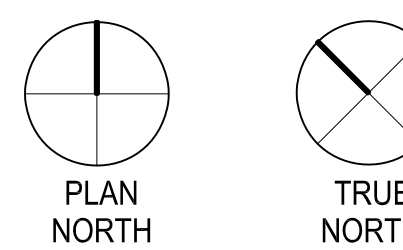
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## CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS



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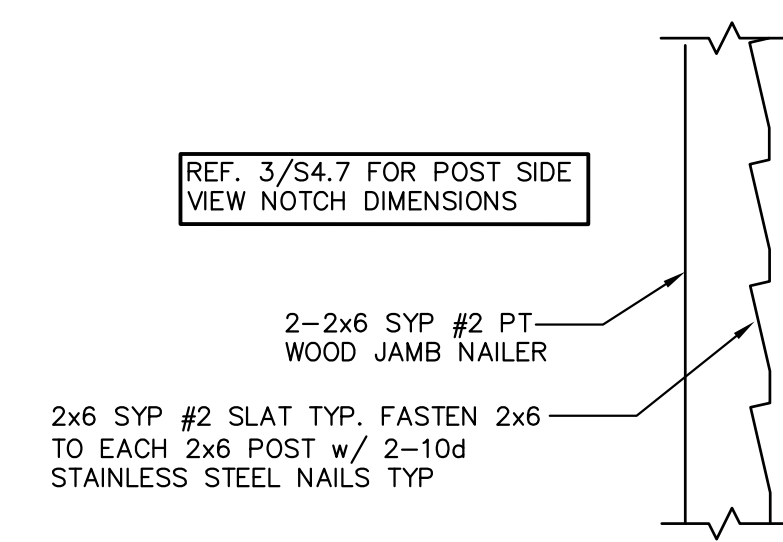
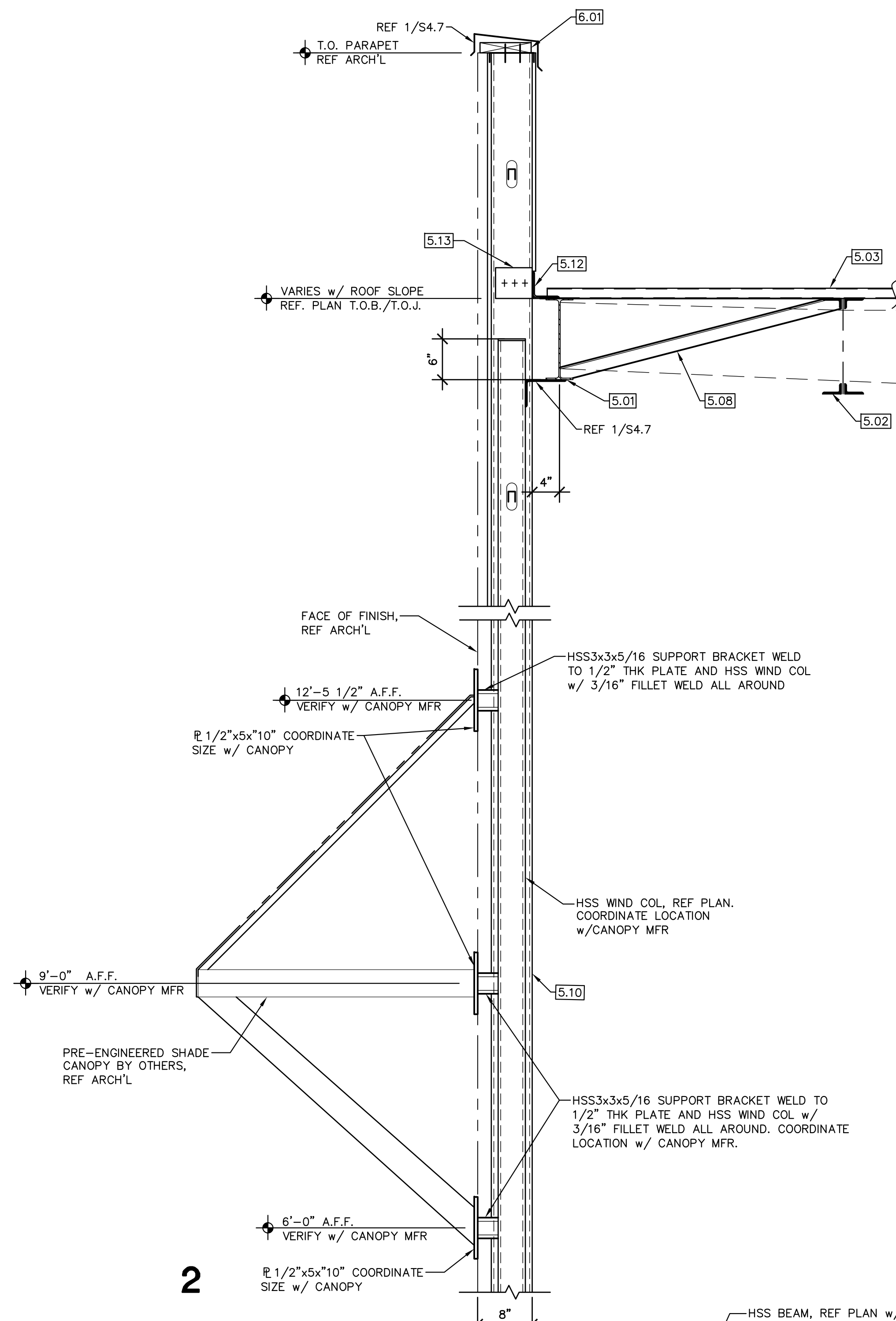
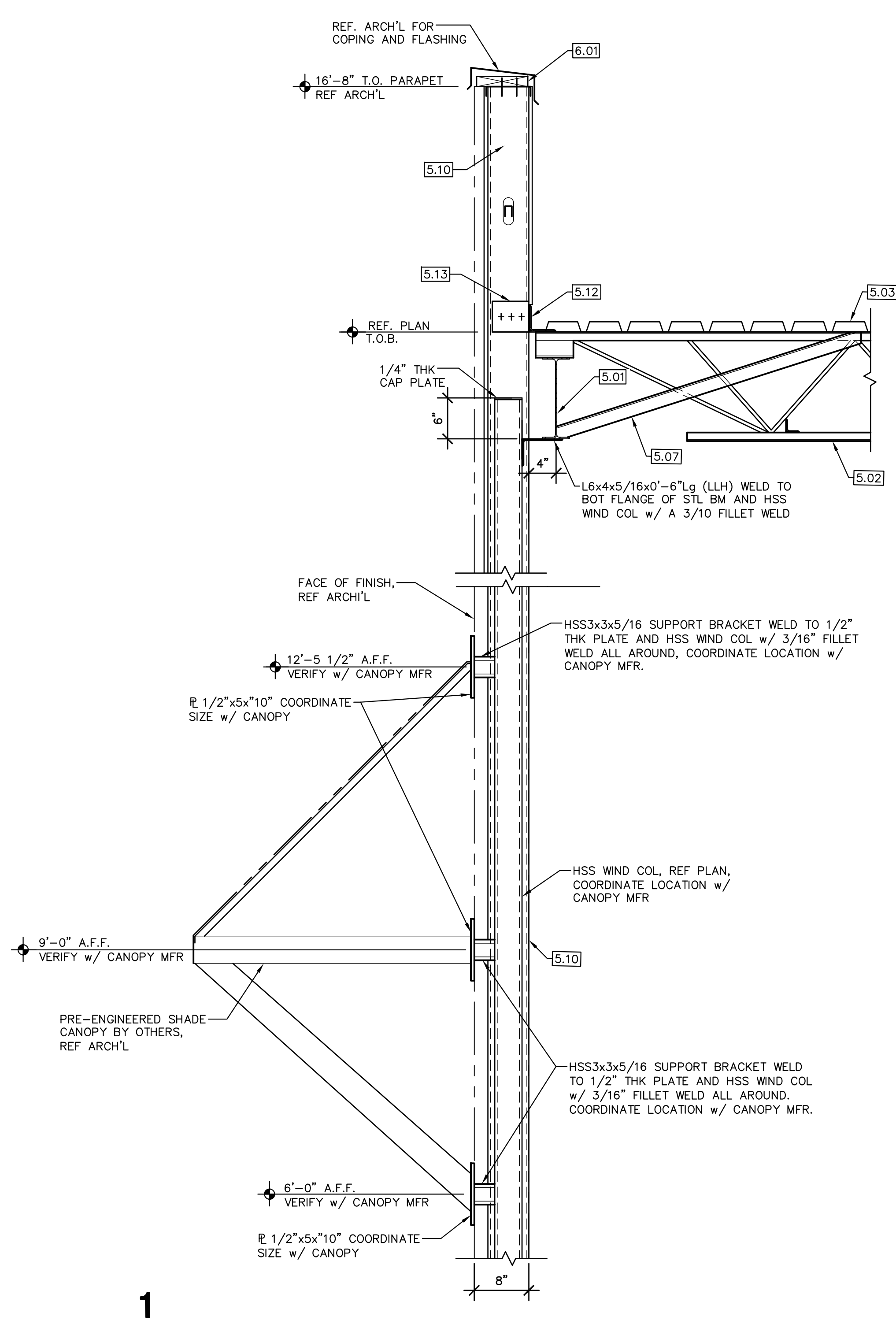
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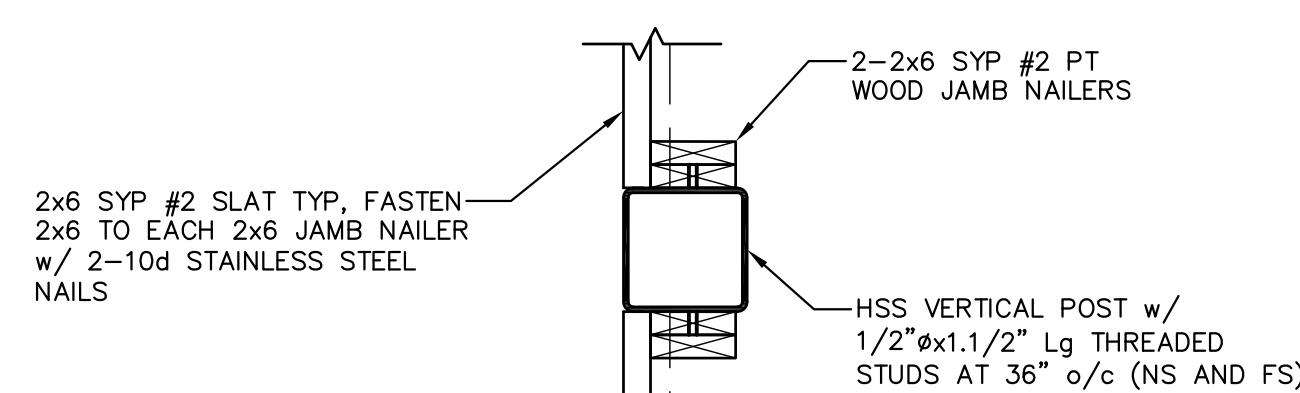




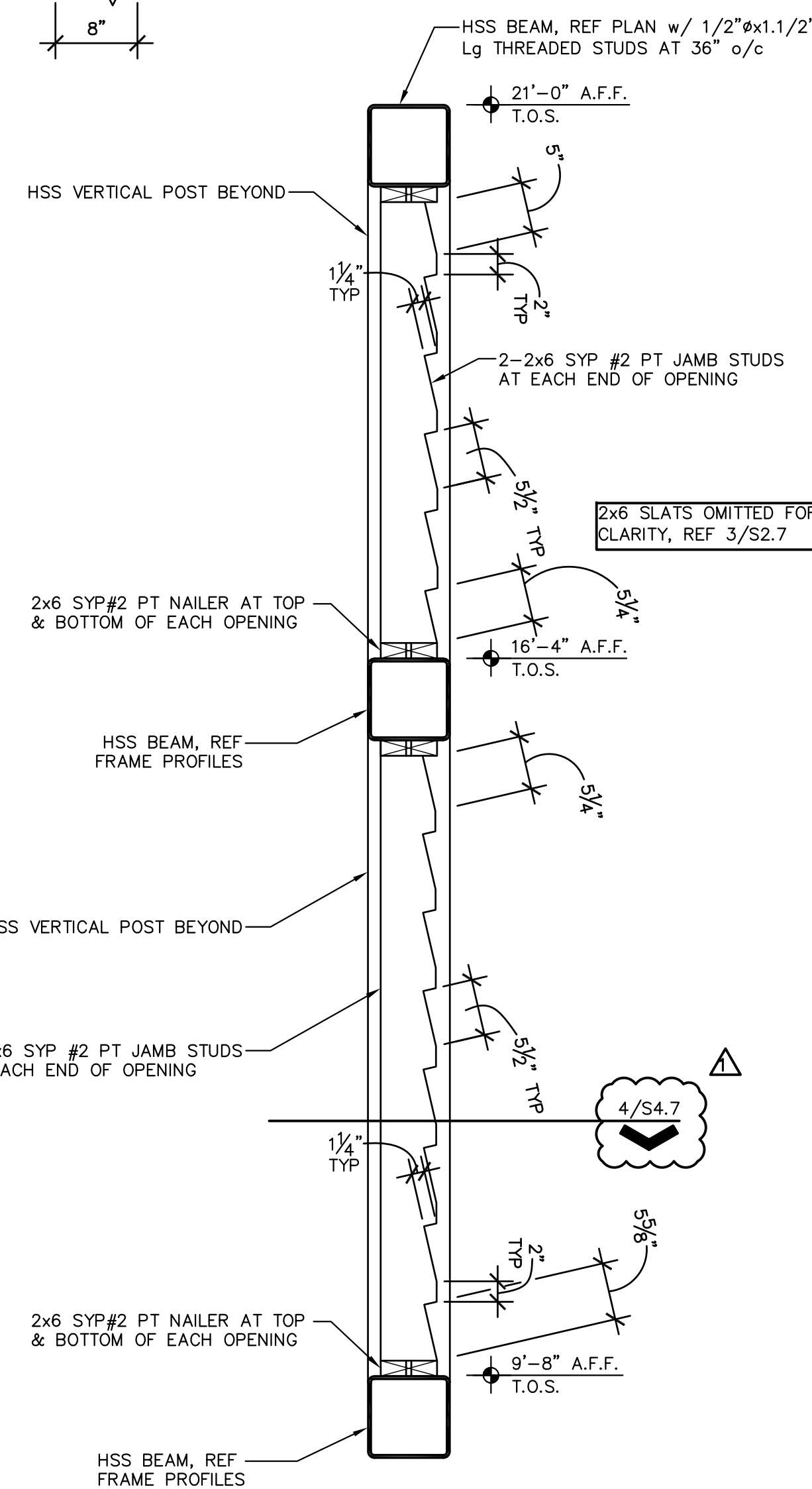




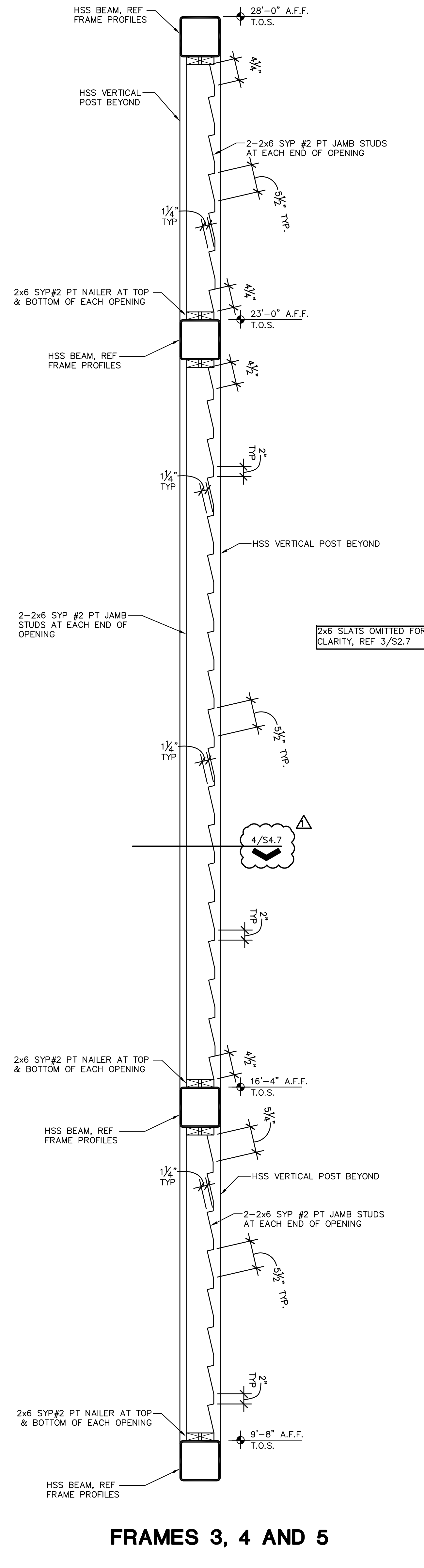
**3**  
TYPICAL TOWER SLAT  
CONNECTION DETAIL  
1" = 1'-0"



**4**



**FRAMES 7, 8 AND 9**



**FRAMES 3, 4 AND 5**

**JAMB NAILER SIDE VIEW  
NOTCH DIMENSIONS**  
1" = 1'-0"

## KEY NOTES

### DIVISION 4 MASONRY

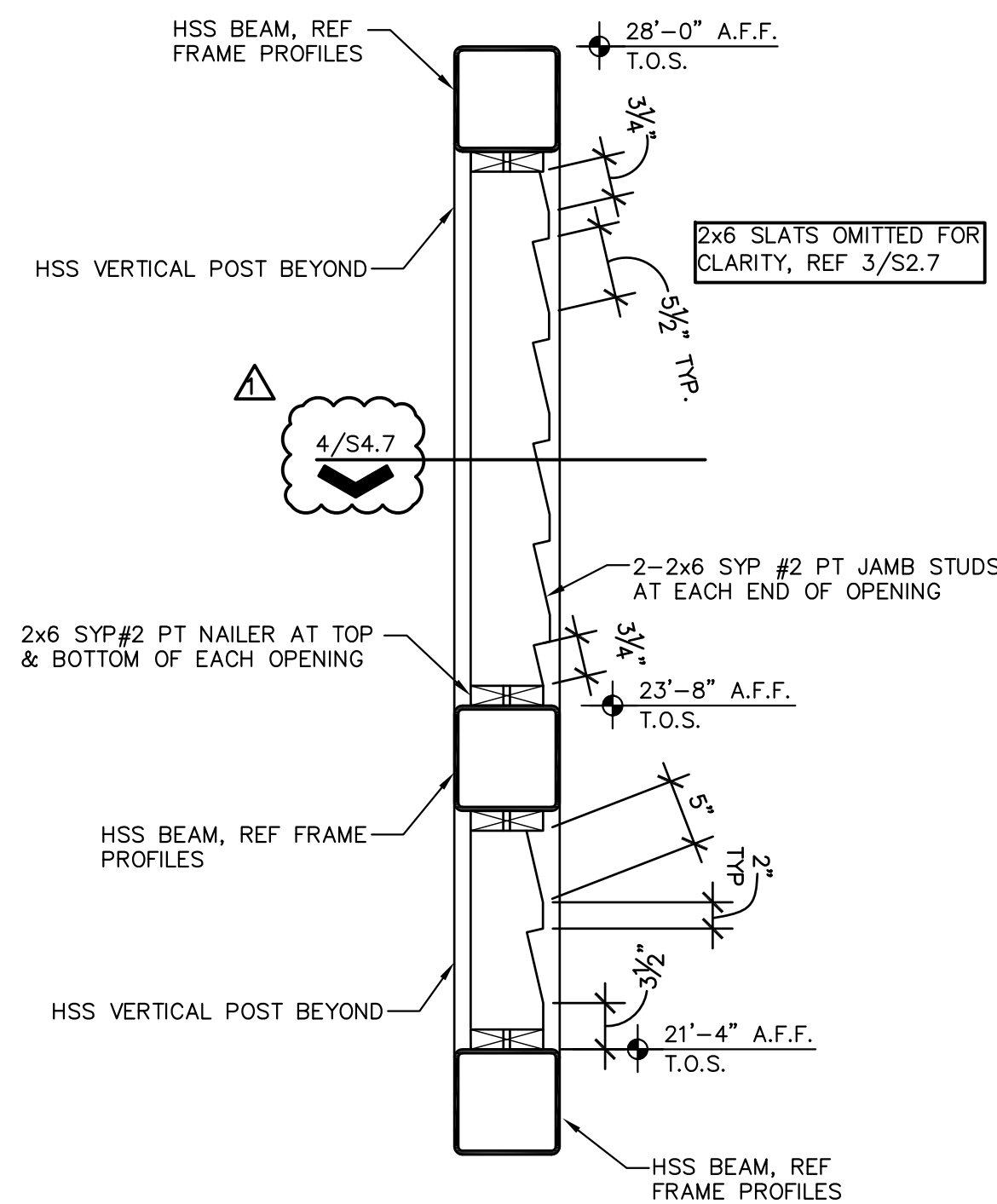
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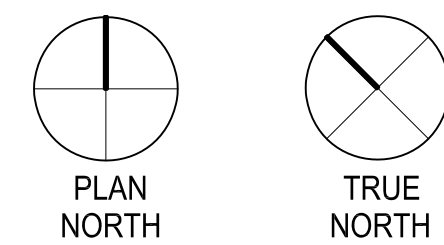
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**CITY OF PORT ARANSAS**  
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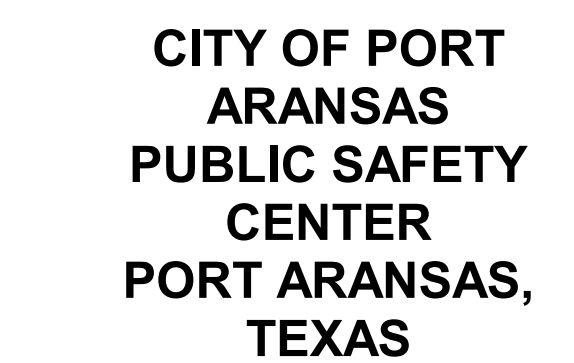


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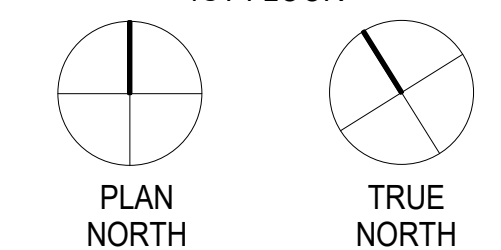
MEZZANINE

**A**

**B**

C

1ST FLOOR



Project Number:	18.22
Drawing Date:	5/18/2023
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Checked:	Checker
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1	Addenda #1	05/31/23
2	Addenda #2	06/15/23

Sheet Title:

**MEP SITE PLAN**

# MEP-201

## ELECTRICAL KEYED NOTES

1. 4" SANITARY STUB-OUT. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
2. 2-1/2" DOMESTIC COLD WATER STUB-OUT. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
3. 6" FIRE STUB-OUT. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
4. WALL MOUNTED FDC.
5. PROPOSED LOCATION FOR GAS METER. REFER TO P206 FOR GAS PIPE DIAGRAM.
6. 1000 GALLON POTABLE WATER BREAK TANK. REFER TO DETAIL 4/P301.
7. 3" PRIMARY STORM STUB-OUT. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
8. 6" PRIMARY STORM STUB-OUT. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
9. 2-1/2" DOMESTIC COLD WATER FROM POTABLE WATER BREAK TANK TO BUILDING. REFER TO 2MEP-201 FOR CONTINUATION.
10. 2-1/2" DOMESTIC COLD WATER TO BUILDING. REFER TO 1MEP-201 FOR CONTINUATION.

7. PROPOSED LOCATION OF SERVICE TRANSFORMER. PROVIDE PRIMARY AND SECONDARY ROUTING PER POWER COMPANY STANDARDS. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
8. PROPOSED ROUTE FOR UNDERGROUND PRIMARY DUCTBANK TO SERVICE TRANSFORMER.
9. PROPOSED LOCATION OF NEW POWER POLE BY UTILITY COMPANY.
10. PROVIDE 1" CONDUIT WITH PULL STRING TO EACH LIGHT POLE FOR CCTV CABLE.
11. GATE CARD READER / KEYPAD.
12. TECHNOLOGY CONDUIT WITH PULL STRING FOR WIRELESS ACCESS POINT AT PARKING CANOPY. VERIFY FINAL MOUNTING HEIGHT AND LOCATION WITH OWNER.
13. PROVIDE COMMUNICATIONS HANDHOLE.
14. PROPOSED ROUTE OF AREA LIGHTING CONDUIT.
15. MOUNT WALL PACK FIXTURES TO CANOPY CONCRETE COLUMNS. ROUTE CONDUIT AND JUNCTION BOXES IN COLUMNS. DIMENSIONS OF STRUCTURE ARE TO BE COORDINATE WITH ARCHITECT AND STRUCTURAL. CONFIRM FIXTURE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO CONCRETE POUR.
16. SECURITY CAMERA TO BE MOUNTED TO LIGHT POLE. SECURITY CAMERA AND PATCHER MODEL TO BE DETERMINED WITH OWNER/INTEGRATED CONTRACTOR IS RESPONSIBLE FOR VERIFYING COMBINED AREA OF CAMERA AND LIGHT FIXTURE DO NOT EXCEED THE AREA RATING OF THE LIGHT POLE.
17. PROVIDE PULL STRING FROM CONDUIT UP THROUGH POLE TO CAMERA MOUNTING LOCATION.
18. TECHNOLOGY CONDUITS WITH PULL STRING.
19. PROVIDE 2" CONDUIT WITH PULL STRING FOR INTERNET SERVICE PROVIDER.

- A. MINIMUM SITE BRANCH CIRCUIT SIZE IS #210, #10GND IN A 1" UNLESS OTHERWISE NOTED.
- B. COORDINATE TEMPORARY AND PERMANENT ELECTRIC SERVICE WITH UTILITY COMPANY. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- C. REFER TO TECHNOLOGY SECURITY DRAWINGS FOR ADDITIONAL SCOPE OF WORK. PROVIDE ALL CONDUIT, SLEEVES, J-BOXES, AND OTHER DISCRETE ITEMS AS STATED BY DIVISION 27 AND 28 SPECIFICATIONS AND/OR DRAWINGS.
- D. ALL EXTERIOR 120V RECEPTACLES SHALL BE PROVIDED WITH "WHILE-IN-USE" WEATHERPROOF ENCLOSURE AND SHALL HAVE GFCI PROTECTION.
- E. UNDERGROUND SERVICE CONDUCTORS THAT ARE NOT INCASED IN CONCRETE AND THAT ARE BURIED 18" OR MORE BELOW GRADE SHALL HAVE THEIR LOCATION IDENTIFIED BY A WARNING RIBBON THAT IS PLACED IN THE TRENCH AT LEAST 12" ABOVE THE UNDERGROUND INSTALLATION.
- F. ALL PERMANENT EXTERIOR LIGHTING SHALL BE NON-FLASHING AND SHIELDED SUCH THAT THE LIGHT SOURCE (CONCE OF DIRECT LIGHT) IS NOT VISIBLE FROM THE PUBLIC ROW OR ADJACENT RESIDENTIAL USES AT THE PROPERTY LINE.
- G. WALL PACK LIGHTING OR OTHER LIGHTING THAT DIRECTS THE LIGHT IN A HORIZONTAL DIRECTION WITHOUT AN ADEQUATE SHIELD IS NOT PERMITTED (SINCE IT DIRECTS THE LIGHT GLARE DIRECTLY OUTWARD) IF THERE ARE STREETS OR RESIDENTIAL USES IN THE DIRECTION OF THE LIGHT. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET AND SECTION 288100 FOR LIGHT FIXTURE SPECIFICATIONS.
- H. UNDERGROUND SERVICE CONDUCTORS THAT ARE NOT INCASED IN CONCRETE AND ARE BURIED 18" OR MORE BELOW GRADE SHALL HAVE THEIR LOCATION IDENTIFIED BY A WARNING RIBBON THAT IS PLACED IN THE TRENCH AT LEAST 12" ABOVE THE UNDERGROUND INSTALLATION PER NEC 300.5(D)(3).

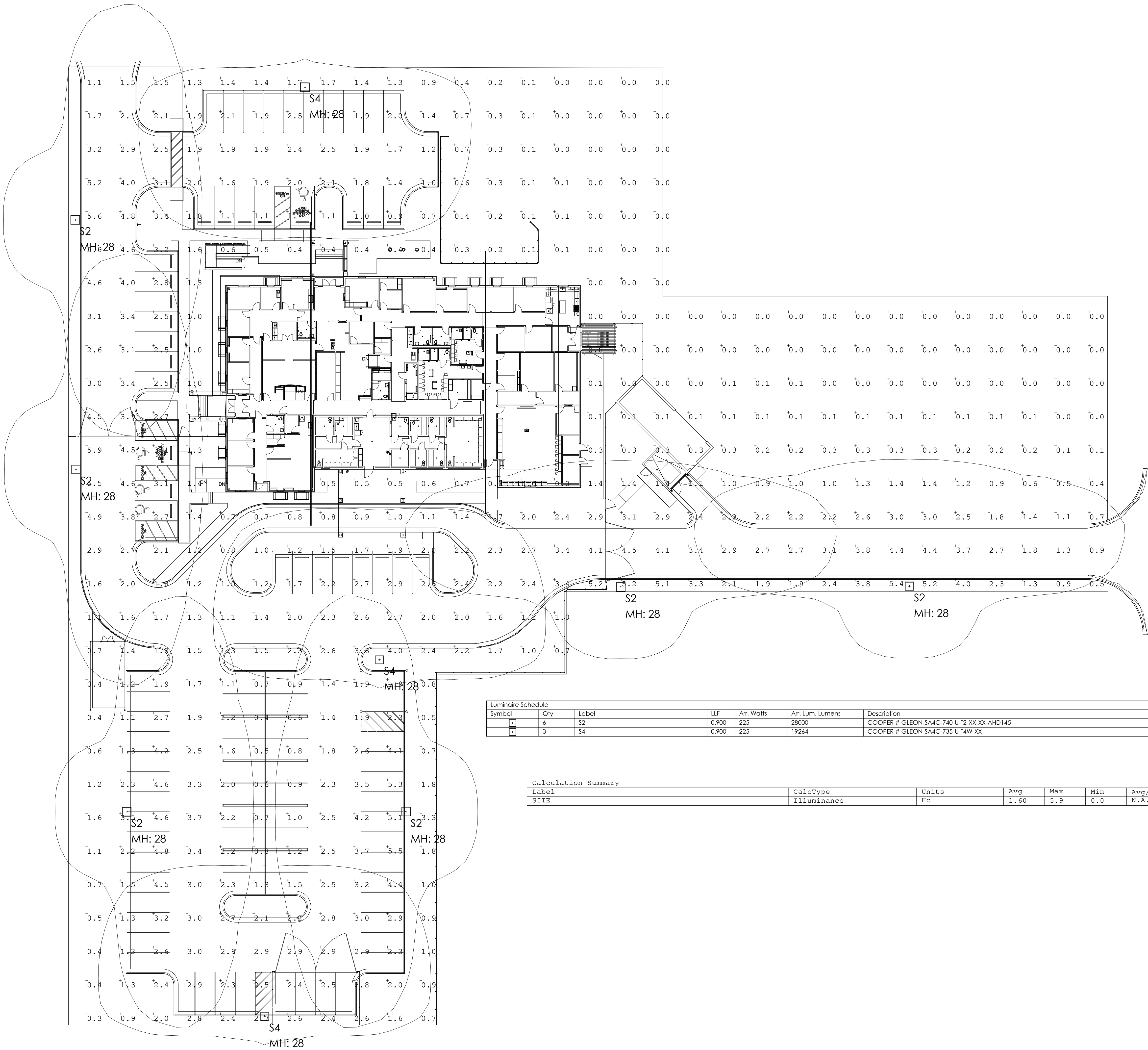
## 2 ENLARGED GENERATOR ENCLOSURE PLAN

$\frac{1}{8}'' = 1'-0''$

1 MEP SITE PLAN

MEP-201 1/16" = 1'-0"





Luminaire Schedule						
Symbol	Qty	Label	LLF	Arr. Watts	Arr. Lum. Lumens	Description
□	6	S2	0.900	225	28000	COOPER # GLEON-S44C-740-U-12-XX-XX-AHD145
⊠	3	S4	0.900	225	19264	COOPER # GLEON-S44C-735-U-14W-XX

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	1.60	5.9	0.0	N.A.	N.A.



204 E. Rhapsody  
San Antonio, TX 78216  
210.599.4040

Disclaimer:  
We make no representation as to this drawings completeness, currency or accuracy because of reasons inherent to CAD and the additional digital data used to produce a lighting application. All digital CAD data appear to be extremely accurate, however, this apparent accuracy is an artifact of the techniques used to generate it, and is in no way intended to imply actual accuracy. The user of this data takes full responsibility for the accuracy and completeness of all measurements, area, inventories or other data extracted from this, either manually or with the use of a computer. This light level analysis is an estimate only, and is based on estimated reflectance values for interior applications or estimated pole locations based on specified light levels for exterior applications. Any variance from reflectance values, obstructions, light loss factors or dimensional data will affect the actual light levels obtained. This analysis is a mathematical model and can be only as accurate as is permitted by the third party software and the IES standards used. In addition, calculated values may vary from actual measurements in certain situations due to variances such as but not limited to, lamp output, input voltage, ballast variances, manufacturing tolerances and application variances. The presence of objects will decrease light levels and may cause some shadowing. Lighting application drawings are being provided to the recipient of this disclaimer. Unless specified otherwise, lighting calculations are based on these interior reflectance values = 80% ceilings - 50% walls - 20% floors.

Designer:  
ZM

Date:  
2023-06-14

Project Name:  
PORT ARANSAS PUBLIC  
SAFETY CENTER - SITE

Page 1 of 1

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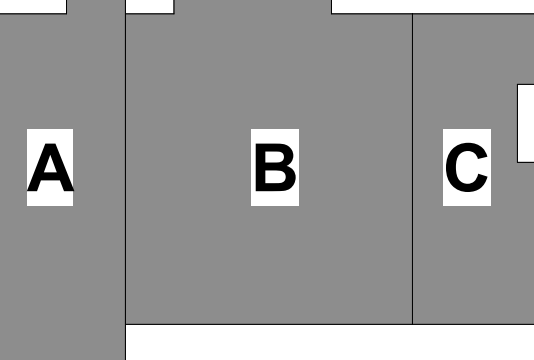
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LANDSCAPE / IRRIGATION:



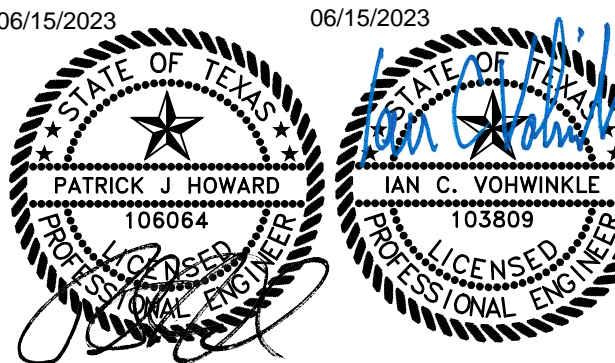
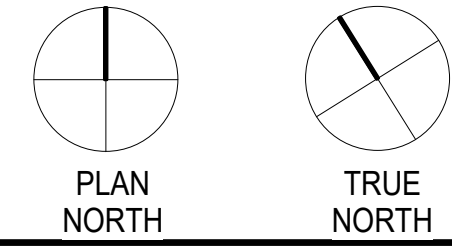
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CENTER  
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TEXAS

D

MEZZANINE



1ST FLOOR



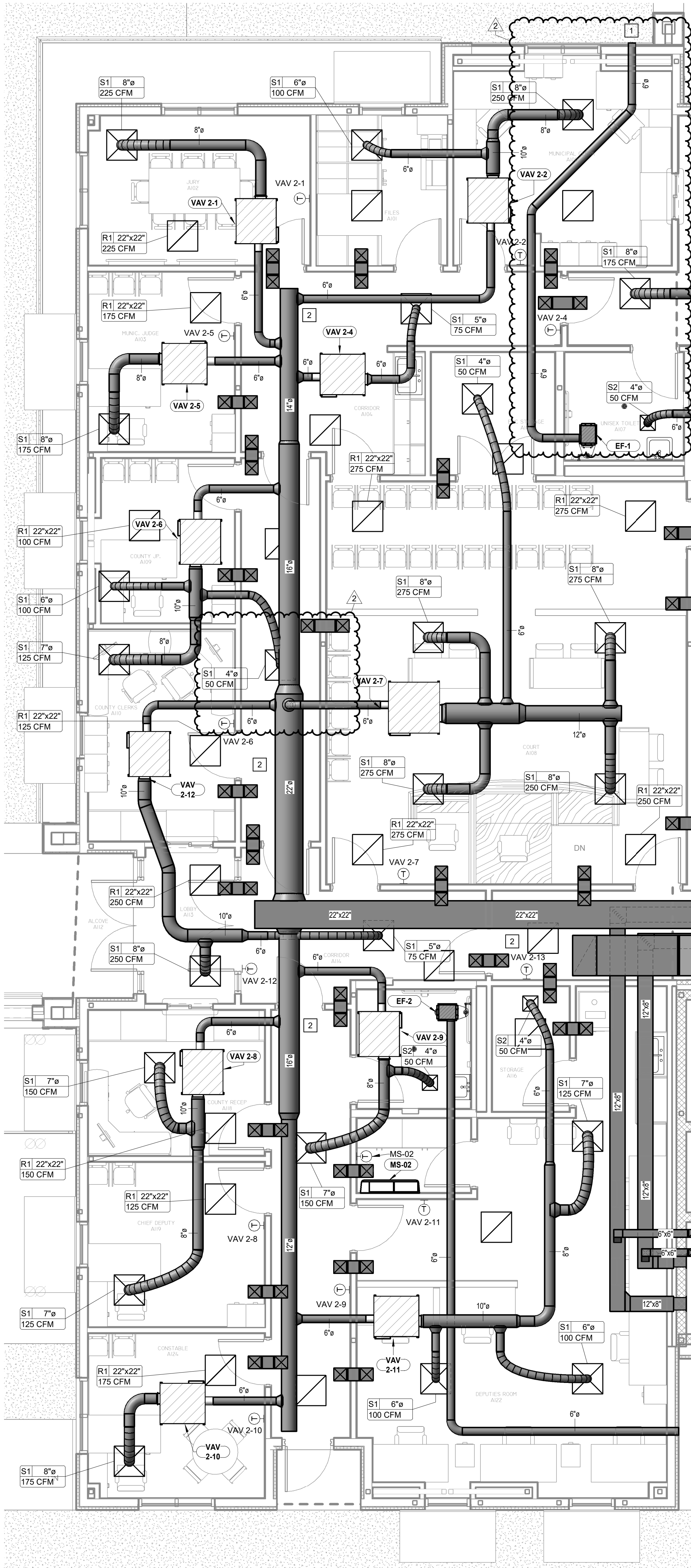
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Drawing Date: 5/18/2023  
Drawn: DJS  
Checked: PH  
Revisions:  
No. Description Date  
2 Addenda #2 06/15/23

Sheet Title:

PHOTOMETRICS  
PLAN



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1 MECHANICAL PLAN - AREA A  
M-201 1/4" = 1'-0"

GENERAL NOTES:

- PRIOR TO THE INSTALLATION OF ANY PIPING, DUCTWORK OR EQUIPMENT, THE MECHANICAL CONTRACTOR SHALL COORDINATE HIS WORK, INCLUDING PIPE ROUTING ETC. WITH STRUCTURAL CONDITIONS AND ALL OF THE OTHER TRADES.
- COORDINATE ALL EQUIPMENT LOCATIONS WITH ACCESS DOOR LOCATIONS WHEN MOUNTING ABOVE AN INACCESSIBLE CEILING. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.
- LOCATIONS OF AIR DEVICES SHOWN ON THE MECHANICAL PLANS ARE APPROXIMATE. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL CEILING MOUNTED AIR DEVICES.
- REFER TO DUCTWORK AND INSULATION SPECIFICATION SECTIONS FOR DUCTWORK LINING, INSULATION AND PRESSURE CLASSIFICATION REQUIREMENTS.
- DUCT SIZES INDICATED ARE CLEAR INSIDE DIMENSIONS. METAL DUCT SIZES SHALL BE INCREASED TO ALLOW FOR LINING WHERE SPECIFIED.
- ALL KITCHEN HOOD EXHAUST DUCTWORK AND PORTIONS OF THE HOOD ABOVE CEILING SHALL BE ENCAPSULATED WITH FIRE-MASTER, OR APPROVED EQUAL, DUCT WRAP. PROVIDE LAYERS AS REQUIRED FOR TWO (2) HOUR RATING.
- NO FLEX DUCT SHALL BE ALLOWED ABOVE AN INACCESSIBLE CEILING OR SPACE. PROVIDE RIGID DUCT.
- ALL DIFFUSERS SHALL INCLUDE A MEANS OF ACCESS TO MANUAL BALANCING DAMPERS. WHERE A DIFFUSER IS LOCATED ABOVE A NON-ACCESSIBLE CEILING (GYPSUM BOARD), THE CONTRACTOR SHALL PROVIDE A REMOTE, CABLE ACTUATED, DAMPER ADJUSTMENT SIMILAR TO YOUNG REGULATOR BRAND. DEVICE SHALL BE SUITED FOR ROUND OR RECTANGULAR DUCTWORK AS REQUIRED. INCLUDE TRIM AND CAP AT CEILING.

KEYED NOTES:

- DUCT WORK TO BE CONCEALED ABOVE CEILING. COORDINATE WITH CABLE TRAY AND LIGHTING CONTRACTOR.
- EXHAUST DUCT THROUGH WALL. TERMINATE WITH WALL CAP.

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F 361.884.4232  
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HARLINGEN, TEXAS 78550  
T 956.365.4820  
F 956.365.4822  
3700 N. 10th, SUITE 205  
McALLEN, TEXAS 78501  
T 956.686.0100

CONSULTANTS

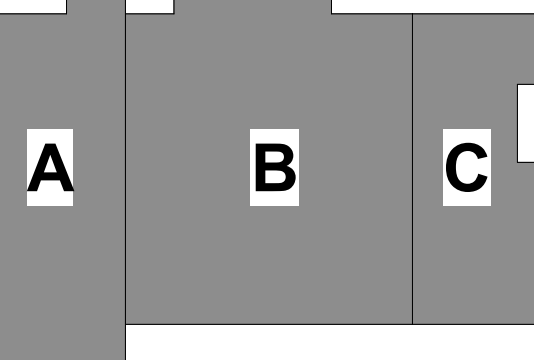
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LANDSCAPE / IRRIGATION:



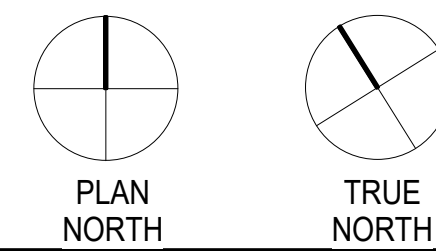
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1ST FLOOR



06/15/2023



Project Number: 18.22  
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Drawn: Author  
Checked: Checker

Revisions:	
No.	Description
2	Addenda #2

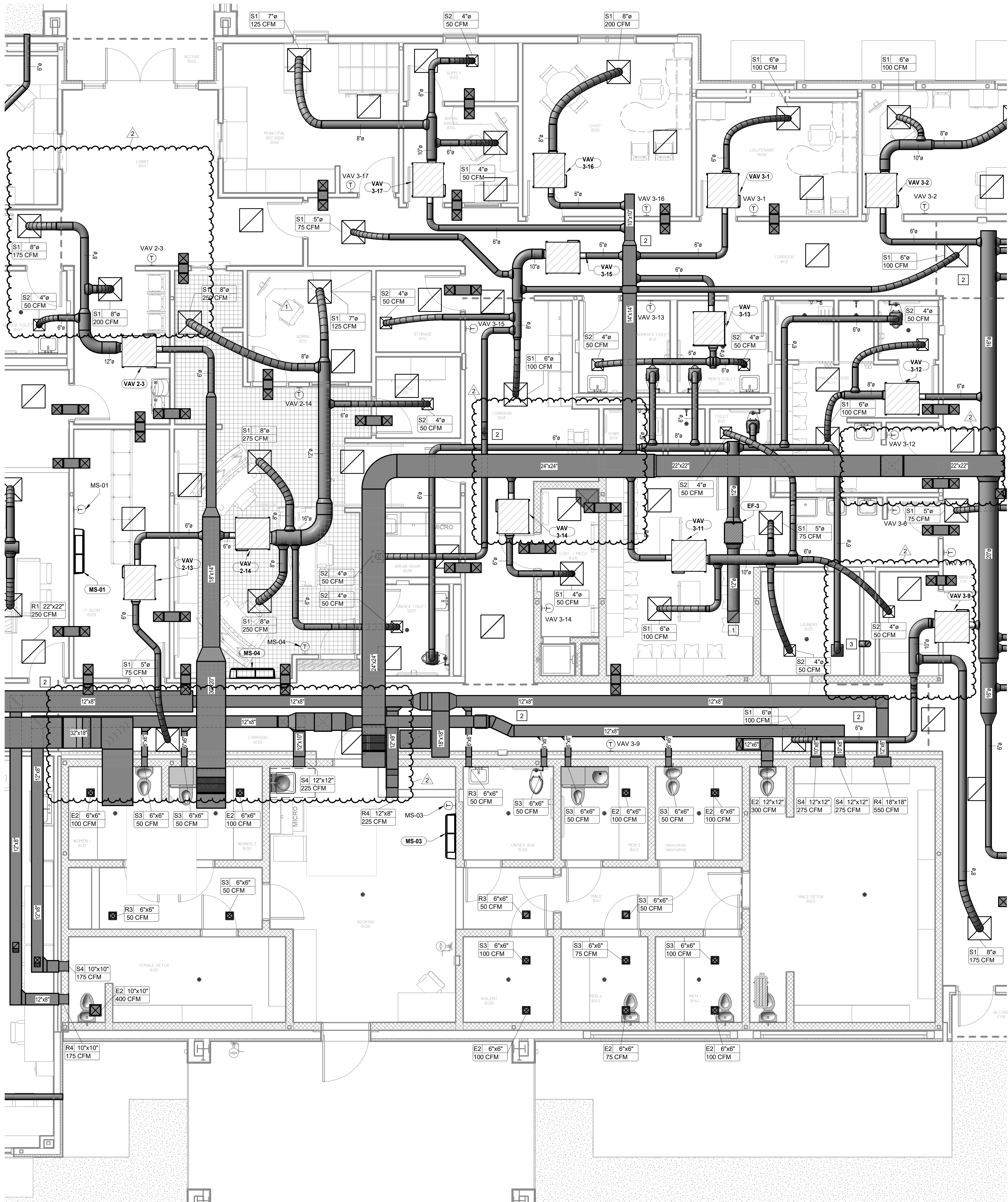
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MECHANICAL PLAN -  
AREA A

M-201

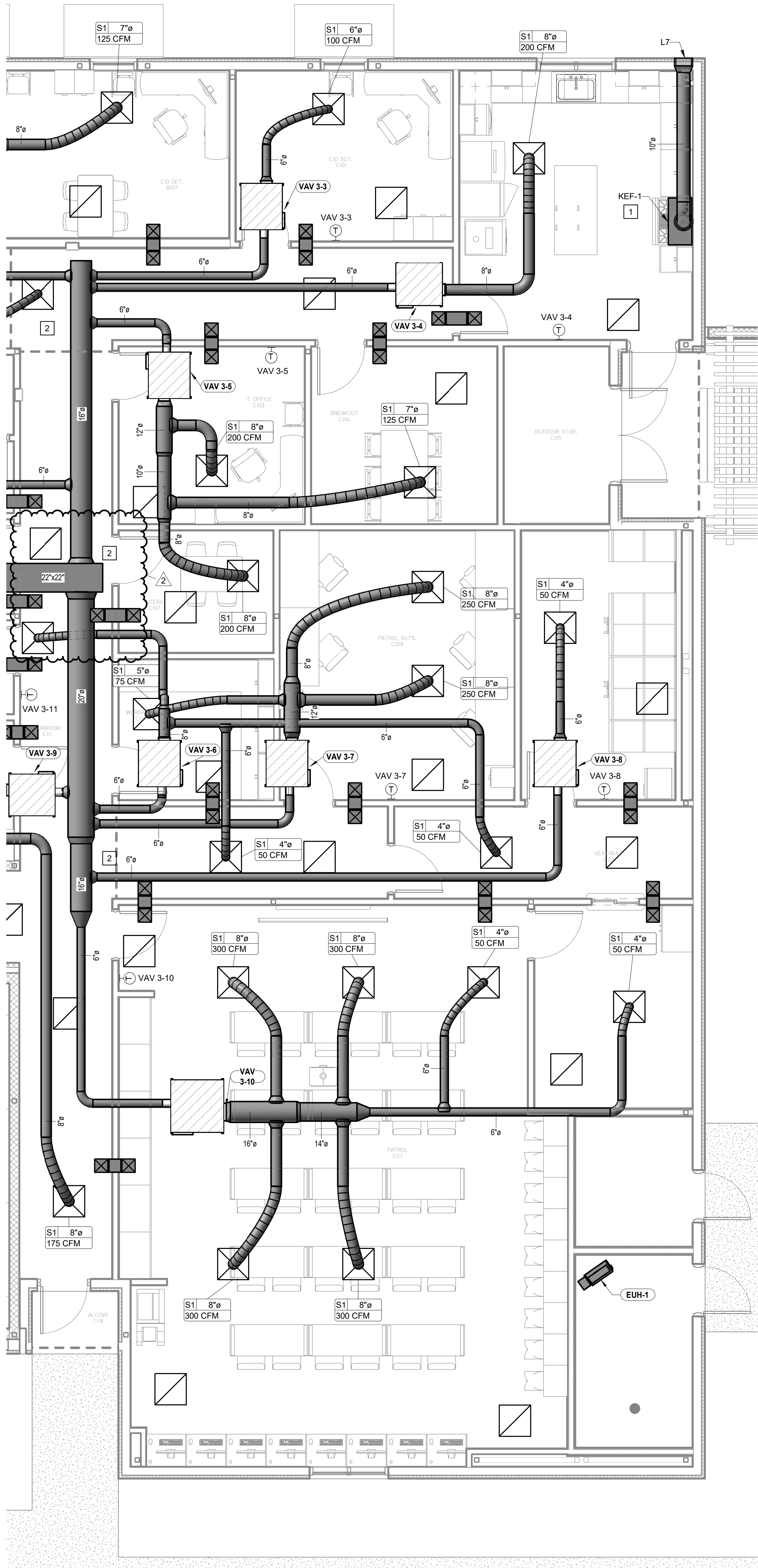


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1 MECHANICAL PLAN - AREA C  
M-203 1/4" = 1'-0"

**GENERAL NOTES:**

- PRIOR TO THE INSTALLATION OF ANY PIPING, DUCTWORK OR EQUIPMENT, THE MECHANICAL CONTRACTOR SHALL COORDINATE HIS WORK, INCLUDING PIPE ROUTING ETC. WITH STRUCTURAL CONDITIONS AND ALL OF THE OTHER TRADES.
- COORDINATE ALL EQUIPMENT LOCATIONS WITH ACCESS DOOR LOCATIONS WHEN MOUNTING ABOVE AN INACCESSIBLE CEILING. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.
- LOCATIONS OF AIR DEVICES SHOWN ON THE MECHANICAL PLANS ARE APPROXIMATE. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL CEILING MOUNTED AIR DEVICES.
- REFER TO DUCTWORK AND INSULATION SPECIFICATION SECTIONS FOR DUCTWORK LINING, INSULATION AND PRESSURE CLASSIFICATION REQUIREMENTS.
- DUCT SIZES INDICATED ARE CLEAR INSIDE DIMENSIONS. METAL DUCT SIZES SHALL BE INCREASED TO ALLOW FOR LINING WHERE SPECIFIED.
- ALL KITCHEN HOOD EXHAUST DUCTWORK AND PORTIONS OF THE HOOD ABOVE CEILING SHALL BE ENCAPSULATED WITH FIRE-MASTER, OR APPROVED EQUAL, DUCT WRAP. PROVIDE LAYERS AS REQUIRED FOR TWO (2) HOUR RATING.
- NO FLEX DUCT SHALL BE ALLOWED ABOVE AN INACCESSIBLE CEILING OR SPACE. PROVIDE RIGID DUCT.
- ALL DIFFUSERS SHALL INCLUDE A MEANS OF ACCESS TO MANUAL BALANCING DAMPERS. WHERE A DIFFUSER IS LOCATED ABOVE A NON-ACCESSIBLE CEILING (GYPSUM BOARD), THE CONTRACTOR SHALL PROVIDE A REMOTE, CABLE ACTUATED, DAMPER ADJUSTMENT SIMILAR TO YOUNG REGULATOR BRAND. DEVICE SHALL BE SUITED FOR ROUND OR RECTANGULAR DUCTWORK AS REQUIRED. INCLUDE TRIM AND CAP AT CEILING.

**KEYED NOTES:**

- PROVIDE RANGE HOOD WITH IN-LINE EXHAUST FAN. COLOR MATCH TO APPLIANCES. COLOR TO BE VERIFIED BY ARCHITECT. DUCT TO BE CONCEALED ABOVE CEILING AND TERMINATED AT WALL WITH SCHEDULED HURRICAN RATED LOUVER, BACKDRAFT DAMPER, AND INSECT SCREEN.
- DUCT WORK TO BE CONCEALED ABOVE CEILING. COORDINATE WITH CABLE TRAY AND LIGHTING CONTRACTOR.

**CONSULTANTS**

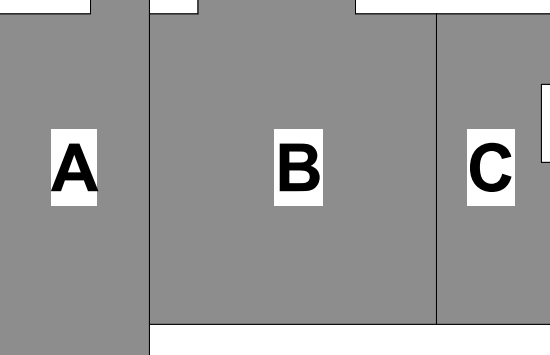
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**LANDSCAPE / IRRIGATION:**



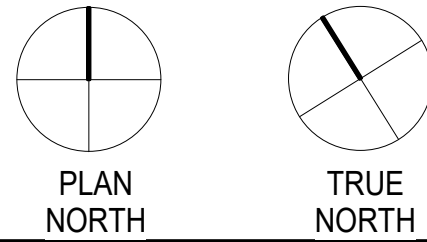
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**D**

MEZZANINE



1ST FLOOR



06/15/2023



Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: Author  
Checked: Checker

Revisions:  
No. Description Date  
2 Addenda #2 06/15/23

Sheet Title:  
**MECHANICAL PLAN -  
AREA C**

**M-203**



A. PRIOR TO THE INSTALLATION OF ANY PIPING, DUCTWORK OR EQUIPMENT, THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR TO DETERMINE THE LOCATION OF ALL ELECTRICAL PANELS, RACEWAYS, AND CONDUITS, AND THE LOCATION OF ALL OTHER TRADES.

B. COORDINATE ALL EQUIPMENT LOCATIONS WITH ACCESS DOOR LOCATIONS WHEN MOUNTING ABOVE AN UNACCESSIBLE CEILING. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.

C. LOCATIONS OF AIR DEVICES SHOWN ON THE MECHANICAL PLANS ARE APPROXIMATE. THE MECHANICAL CONTRACTOR SHALL PROVIDE CEILING PLANS FOR THE EXACT LOCATION OF ALL CEILING MOUNTED AIR DEVICES.

D. REFER TO DUCTWORK AND INSULATION SPECIFICATION SECTIONS FOR DUCTWORK LINING, INSULATION AND PRESSURE CLASSIFICATION REQUIREMENTS.

E. DUCT SIZES INDICATED ARE CLEAR INSIDE DIMENSIONS. METAL DUCT SIZES SHALL BE INCREASED TO ALLOW FOR LINING WHERE SPECIFIED.

F. ALL KITCHEN HOOD EXHAUST DUCTWORK AND PORTIONS OF THE HOOD ABOVE CEILING SHALL BE ENCAPSULATED WITH FIRE-MASSIVE, OR APPROVED, TYPE (CM) GYPSUM BOARD. PROVIDE LAYERS AS REQUIRED FOR TWO (2) HOUR RATING.

G. NO FLEX DUCT SHALL BE ALLOWED ABOVE AN UNACCESSIBLE CEILING OR SPACE. PROVIDE RIGID DUCT.

H. ALL DIFFUSERS SHALL INCLUDE A MEANS OF ACCESS TO MANUAL BALANCING DAMPERS, WHERE A DIFFUSER IS LOCATED ABOVE A BALANCEABLE CEILING (CEILING GYPSUM BOARD). THE CONTRACTOR SHALL PROVIDE A REMOTE, CABLE ACTUATED, DAMPER ADJUSTMENT SIMILAR TO YOUNG REGULATOR BRAND. DEVICE SHALL BE FORMED TO FIT THE DUCTWORK. PROVIDE DUCTWORK AS REQUIRED. INCLUDE TRIM AND CAP AT CEILING.

1. OUTSIDE AIR DUCT THROUGH WALL. TERMINATE DUCT WITH HURRICANE RATED LOUVER PER SCHEDULE.
2. CONTRACTOR TO PROVIDE INLINE EXHAUST FAN AS SPECIFIED ON SCHEDULE. ROUTE EXHAUST THROUGH WALL AS HIGH AS INDICATED. TERMINATE DUCT WITH HURRICANE RATED LOUVER PER SCHEDULE. COORDINATE EXACT LOCATION WITH STRUCTURAL MEMBERS PRIOR TO INSTALLATION.
3. UNFUT OVER 2000 CFM REQUIRES SMOKE DETECTOR.
4. EXHAUST DUCT UP FROM LEVEL BELOW.
5. PROVIDE AIR HANDLING UNIT AS SPECIFIED ON SCHEDULE.
6. AIR HANDLING UNIT SHALL BE INSTALLED ON HOUSEKEEPING PAD. HOUSEKEEPING PAD SHALL BE 4" HIGH AND A MINIMUM 6" LARGER THAN FOOTPRINT OF UNIT.
7. PROVIDE HURRICANE RATED, WEATHERPROOF LOUVER AS SPECIFIED ON SCHEDULE. LOUVER SHALL BE INSTALLED IN EXTERIOR WHERE INDICATED. PROVIDE INSULATED SHEETMETAL PLENUM AT BACK OF LOUVER. PLENUM SHALL INCLUDE A BOTTOM SLOPE TO TOWARD EXTERIOR.
8. PROVIDE HURRICANE RATED, WEATHERPROOF LOUVER AS SPECIFIED ON SCHEDULE. LOUVER IS INSTALLED FOR EQUIPMENT REMOVAL AND SHALL BE REMOVABLE. LOUVER SHALL BE INSTALLED IN EXTERIOR WHERE INDICATED. PROVIDE INSULATED SHEETMETAL CAP AT BACK OF LOUVER.
9. PROVIDE HURRICANE RATED, WEATHERPROOF LOUVER AS SPECIFIED ON SCHEDULE. LOUVER IS INSTALLED FOR EQUIPMENT REMOVAL AND SHALL BE REMOVABLE. LOUVER SHALL BE INSTALLED IN EXTERIOR WHERE INDICATED.





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AIR HANDLING UNIT SCHEDULE				
UNIT	AHU-1	AHU-2	AHU-3	
SERVES	JAIL	WEST WING	EAST WING	
TYPE	HORIZONTAL	HORIZONTAL	HORIZONTAL	
SUPPLY AIR FLOW (CFM)	1750	5025	4725	
OUTSIDE AIR FLOW (CFM)	625	1760	1460	
DRIVE TYPE	Direct	Direct	Direct	
EXT. STATIC PRESSURE (IN. W.G.)	1	1	1	
FAN SPEED (RPM)	2085	2107	2009	
MOTOR SIZE (HP)	2.30	(2) @ 2.00	(2) @ 2.00	
COOLING COIL	--	--	--	
MIN. TOTAL CAPACITY (MBH)	88.14	264.67	220.04	
MIN. SENSIBLE CAPACITY (MBH)	54.38	159.05	141.21	
ENTERING DRY BULB TEMPERATURE (F)	82.90	82.80	82.50	
ENTERING WET BULB TEMPERATURE (F)	69.80	70.00	69.30	
LEAVING DRY BULB TEMPERATURE (F)	53.34	52.69	54.10	
LEAVING WET BULB TEMPERATURE (F)	52.94	52.33	53.75	
MINIMUM ROWS	6	6	6	
MAXIMUM FINS PER INCH	12	12	12	
MAX. FACE VELOCITY (FPM)	494.10	488.9	459.7	
MINIMUM NUMBER OF COMPRESSOR STAGES	Digital 10%-100%	Digital 10%-100%	Digital 10%-100%	
REFRIGERANT TYPE	R410a	R410a	R410a	
ELECTRICAL	--	--	--	
ELECRIC HEAT KW/STAGES	14 / 2	n/a	n/a	
ENTERING DRY BULB TEMPERATURE (F)	55.9	--	--	
MIN LEAVING DRY BULB TEMPERATURE (F)	81.1	--	--	
VOLTAGE - PHASE	460/3	460/3	460/3	
MINIMUM CIRCUIT AMPS (MCA)	24	5	5	
MAXIMUM OVERCURRENT PROTECTION (AMPS)	25	15	15	
MANUFACTURER	AAON	AAON	AAON	
MODEL	H3-BRB-3-A-162C-3B2	H3-DRB-3-A-162C-000	H3-DRB-3-0-162C-000	
EFFICIENCY IEER @ AHRI	10.1	9.4	10.5	
APPROXIMATE OPERATING WEIGHT (LBS.)	679	800	800	
NOTES	1,2,3,4,5,6,7,8	1,2,3,4,5,6,7,8,9	1,2,3,4,5,6,7,8,9	

- NOTES:
1. PROVIDE WITH DOUBLE WALL CONSTRUCTION, STAINLESS STEEL DRAIN PAN
  2. PROVIDE WITH FACTORY INSTALLED REMOTE SAFETY SHUTDOWN TERMINAL AND FACTORY INSTALLED CONDENSATE FLOAT SWITCH
  3. PROVIDE WITH REMOTE ELECTRICAL PANEL PREWIRED TO AHU. PANEL TO BE FIELD INSTALLED WITHIN 5' OF UNIT.
  4. PROVIDE WITH PHASE AND BROWNOUT PROTECTION, AND NONFUSED DISCONNECT
  5. PROVIDE WITH 2 CIRCUIT, INTERLACED DX COIL
  6. PROVIDE FACTORY DDC CONTROLLER WITH BACNET INTERFACE
  7. PROVIDE DIRECT DRIVEN PLENUM FANS WITH FACTORY INSTALLED VFDs
  8. PROVIDE UNIT WITH ECOATED MODULATING HOT GAS REHEAT COIL
  9. PROVIDE UNIT WITH DUCT SMOKE DETECTOR.

EXHAUST FAN SCHEDULE						
MARK	EF-1	EF-2	EF-3	EF-4	EF-5	KEF-1
SERVICE	A107 REST-ROOM	A116 REST-ROOM	LOCKER REST-ROOMS	JAIL FEMALE	JAIL MALE	KITCHEN HOOD
TYPE	CEILING MOUNTED	CEILING MOUNTED	INLINE	INLINE	INLINE	INLINE
AIR FLOW - HIGH SPEED (CFM)	100	100	600	400	1,150	300
TOTAL S. P. (IN. W.G.)	0.100	0.100	1.00	1.00	1.00	1.00
DRIVE TYPE	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT
FAN SPEED (RPM)	939	939	1,814	1,802	1,725	--
MOTOR SIZE (HP)	0.01	0.01	1/2	1/3	1/2	--
MAX. INLET SONES	1.5	1.5	14.3	13.8	12.0	--
CONTROLLER	SWITCH	SWITCH	RELAY	RELAY	RELAY	RELAY
VOLTS/PHASE	115 / 1	115 / 1	208 / 1	208 / 1	208 / 1	115 / 1
NEC FLA AMPS	0.29	0.29	4.9	3.6	4.9	15
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK
MODEL	SP-LP0511-1	SP-LP0511-1	BSQ-90	BSQ-80	SQ-120	GRRS
NOTES	1,2	1,2	1,2	1,2	1,2	1,2

- NOTES:
1. PROVIDE WITH FACTORY "PRE-WIRED" APPROVED MOTOR DISCONNECT DEVICES.
  2. PROVIDE WITH FACTORY FURNISHED GRAVITY BACKDRAFT DAMPER AND BIRDSCREEN.

DESIGN CONDITIONS				
SPACE	SUMMER CONDITIONS		WINTER CONDITIONS	
	OUTDOOR DESIGN DB / WB	INDSIDE DESIGN DB / RH	OUTSIDE DESIGN DB	INDSIDE DESIGN DB / RH
Conditioned Spaces	100 / 78	75 / 50	26	68 / 55

ELECTRIC UNIT HEATER SCHEDULE	
MARK	UH-1
SERVICE	FIRE RISER ROOM
RATED CAPACITY (KW)	3.3
MIN. TOTAL CAPACITY (BTU/h)	11,200
AIR FLOW (CFM)	400
THROW (FT)	26
VOLTS - PHASE	277-1
CONTROL VOLTS	277
FULL LOAD AMPS	12.0
STAGES	1
AIR TEMP RISE (F)	26
WEIGHT (LBS)	36
MANUFACTURER	MARKEL
MODEL	G1GUH03003
NOTES	1, 2, 3

- NOTE:
1. PROVIDE UNIT WITH THERMOSTAT MOUNTED ON WALL AT 48" ABOVE F.F.L.
  2. PROVIDE UNIT WITH BUILT-IN DISCONNECT SWITCH.
  3. UNIT IS SIZED TO PROVIDE FREEZE PROTECTION ONLY.

KITCHEN EXHAUST HOOD	
MARK	H-1
SERVICE	KITCHEN
TYPE	WALL MOUNT
AIR FLOW (CFM)	300
LENGTH (IN)	23.5 - 12
WIDTH (IN)	36.0
HEIGHT (IN)	12.5
HOOD CONSTRUCTION	300 SS
MANUFACTURER	GREENHECK
MODEL	GRRS
NOTES	1,2

- NOTES:
1. SELF-CONTAINED FIRE SUPPRESSION SYSTEM.
  2. INSTALL WITH SURFACE MOUNTED PULL STATION.

VAV SCHEDULE																															
RESULTS															FAN																
TAG	MFG	QTY	ELEV R	MODEL	SIZE	CONTROL SEQUENCE	MAX PRQ CFM	MIN PRQ CFM	PAPH CFM	INLET SP. in. wg	MIN SP. in. wg	DOWN SP. in. wg	MCA**	MSCP**	WEIGHT lb	FAN CFM	MOTOR TYPE	MOTOR VOLTS	FAN FLA	FAN HP	FAN WtHrs	FAN RPM	HEAT CFM	EAT DEG F	LAT DEG F	BOX LAT DEG F	HTR RW	HTR AMPS	HTR VOLT	PHASE	STEPS
2-1	ETI	1	0	CRB	0407E	FP-FL013	225	105	105	1	0.26	0.25	11.78	15.00	134	225	CA	277	0.26	1/3	29	763	225	63	90		2	7.22	277	1	2
2-2	ETI	1	0	CRB	0507E	FP-FL013	350	185	185	1	0.27	0.25	15.54	20.00	133	350	CA	277	0.36	1/3	44	838	350	62.07	90	3.5	12.64	277	1	2	
2-3	ETI	1	0	CRB	0507E	FP-FL013	425	90	90	1	0.28	0.25	18.54	20.00	133	425	CA	277	0.47	1/3	62	896	425	66.82	90	3.5	12.64	277	1	2	
2-4	ETI	1	0	CRB	0407E	FP-FL013	175	30	30	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	67.43	90	1.5	5.42	277	1	2	
2-5	ETI	1	0	CRB	0407E	FP-FL013	175	85	85	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	62.71	90	1.5	5.42	277	1	2	
2-6	ETI	1	0	CRB	0407E	FP-FL013	275	80	80	1	0.26	0.25	14.03	15.00	134	275	CA	277	0.3	1/3	35	792	275	65.64	90	2.5	8.03	277	1	2	
2-7	ETI	1	0	CRB	1010E	FP-FL013	1075	410	410	1	0.36	0.25	16.78	20.00	138	1075	CA	277	1.91	1/3	311	1123	1075	64.28	90	2.5	9.03	277	1	2	
2-8	ETI	1	0	CRB	0407E	FP-FL013	275	120	120	1	0.26	0.25	14.03	15.00	134	275	CA	277	0.3	1/3	35	792	275	63.45	90	2.5	8.03	277	1	2	
2-9	ETI	1	0	CRB	0407E	FP-FL013	200	30	30	1	0.26	0.25	9.52	15.00	134	200	CA	277	0.24	1/3	26	749	200	67.75	90	1.5	5.42	277	1	2	
2-10	ETI	1	0	CRB	0407E	FP-FL013	175	85	85	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	62.71	90	1.5	5.42	277	1	2	
2-11	ETI	1	0	CRB	0507E	FP-FL013	375	120	120	1	0.27	0.25	16.29	20.00	133	375	CA	277	0.39	1/3	50	886	375	65.2	90	3	10.83	277	1	2	
2-12	ETI	1	0	CRB	0407E	FP-FL013	354	30	30	1	0.27	0.25	14.03	15.00	134	325	CA	277	0.34	1/3	41	850	325	68.62	90	2.5	8.03	277	1	2	
2-13	ETI	1	0	CRB	0407E	FP-FL013	175	30	30	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	67.43	90	1.5	5.42	277	1	2	
2-14	ETI	1	0	CRB	0510E	FP-FL013	1000	415	415	1	0.34	0.25	16.03	20.00	136	1000	CA	277	1.62	1/3	258	1065	1000	63.78	90	8.5	10.22	480	3	2	
3-1	ETI	1	0	CRB	0407E	FP-FL013	175	45	45	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	66.14	90	1.5	5.42	277	1	2	
3-2	ETI	1	0	CRB	0407E	FP-FL013	225	105	105	1	0.26	0.25	11.78	15.00	134	225	CA	277	0.26	1/3	29	763	225	63	90	2	7.22	277	1	2	
3-3	ETI	1	0	CRB	0407E	FP-FL013	175	30	30	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	67.43	90	1.5	5.42	277	1	2	
3-4	ETI	1	0	CRB	0407E	FP-FL013	200	85	85	1	0.26	0.25	11.78	15.00	134	200	CA	277	0.24	1/3	26	749	200	63.63	90	2	7.22	277	1	2	
3-5	ETI	1	0	CRB	0607E	FP-FL013	525	195	195	1	0.3	0.25	23.06	25.00	132	525	CA	277	0.62	1/3	87	976	525	64.43	90	4.5	16.25	277	1	2	
3-6	ETI	1	0	CRB	0407E	FP-FL013	175	30	30	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	67.43	90	1.5	5.42	277	1	2	
3-7	ETI	1	0	CRB	0807E	FP-FL013	550	160	160	1	0.3	0.25	23.06	25.00	133	550	CA	277	0.66	1/3	93	997	550	65.64	90	4.5	16.25	277	1	2	
3-8	ETI	1	0	CRB	0407E	FP-FL013	175	30	30	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	67.43	90	1.5	5.42	277	1	2	
3-9	ETI	1	0	CRB	0407E	FP-FL013	275	30	30	1	0.26	0.25	11.78	15.00	134	275	CA	277	0.3	1/3	35	792	275	68.36	90	2	7.22	277	1	2	
3-10	ETI	1	0	CRB	1010E	FP-FL013	1250	445	445	1	0.37	0.25	19.54	20.00	183	1250	CA	277	1.53	1/2	241	778	1250	64.66	90	10	12.03	480	3	2	
3-11	ETI	1	0	CRB	0407E	FP-FL013	275	65	65	1	0.26	0.25	11.78	15.00	134	275	CA	277	0.3	1/3	35	792	275	66.45	90	2	7.22	277	1	2	
3-12	ETI	1	0	CRB	0407E	FP-FL013	175	30	30	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	67.43	90	1.5	5.42	277	1	2	
3-13	ETI	1	0	CRB	0407E	FP-FL013	175	30	30	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	67.43	90	1.5	5.42	277	1	2	
3-14	ETI	1	0	CRB	0407E	FP-FL013	175	30	30	1	0.25	0.25	9.52	15.00	134	175	CA	277	0.22	1/3	23	734	175	67.43	90	1.5	5.42	277	1	2	
3-15	ETI	1	0	CRB	0507E	FP-FL013	375	55	55	1	0.27	0.25	16.29	20.00	133	375	CA	277	0.39	1/3	50	886	375	67.8	90	3	10.83	277	1	2	
3-16	ETI	1	0	CRB	0407E	FP-FL013	200	95	95	1	0.26	0.25	11.78	15.00	134	200	CA	277	0.24	1/3	26	749	200	62.88	90	2	7.22	277	1	2	
3-17	ETI	1	0	CRB	0407E	FP-FL013	225	80	80	1	0.26	0.25	11.78	15.00	134	225	CA	277	0.26	1/3	29	763	225	64.67	90	2	7.22	277	1	2	

Actual coil APD shown is at max airflow, not heating airflow.

MCA/MSCP number may vary from unit nameplate due to component changes related to actual product selections and devices applied.

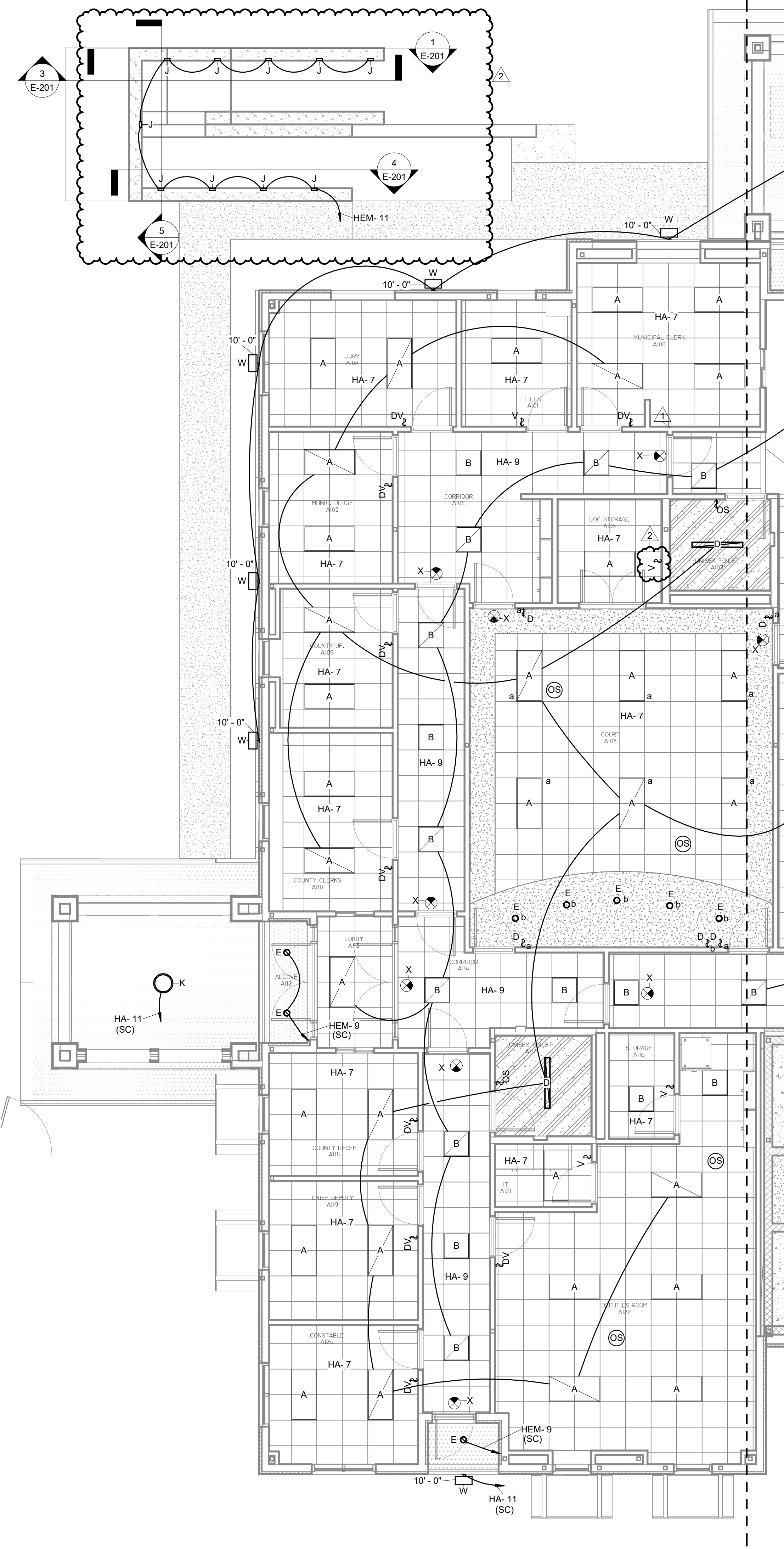
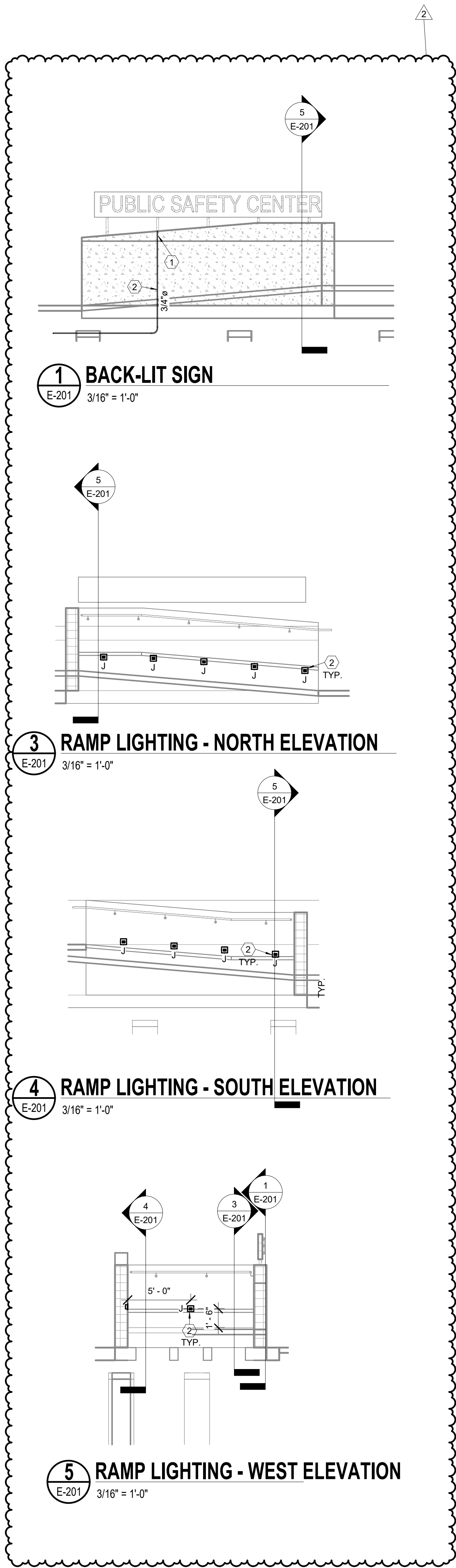
Fan Powered EH units with Single Point Power Connection MCA and MSCP shown as 'Fan / EH'.

Provide units with an integral disconnect switch.

AIR DEVICE SCHEDULE										
MARK	S1	S2	S3	S4	R1	R2	R3	R4	E1	E2
SERVICE	SUPPLY	SUPPLY	SUPPLY	SUPPLY	RETURN	RETURN	RETURN	RETURN	EXHAUST	EXHAUST
FRAME TYPE	SURFACE	LAY-IN	SURFACE	SURFACE	LAY-IN	SURFACE	LAY-IN	LAY-IN	SURFACE	SURFACE
MATERIAL	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM
FINISH	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE
PATTERN	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS
MOD. NO.	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS	SEE DWGS
MODULE	24x24	12x12	12x12	24x24	12x12	12x12	12x12	24x24	12x12	12x12
FACE	SQUARE PLAQUE	SQUARE PLAQUE	STRAIGHT LOUVER	STRAIGHT LOUVER	PERFORATED	PERFORATED	STRAIGHT LOUVER	STRAIGHT LOUVER	EGGGRATE	SCREEN GRILLE
MANUFACTURER	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE
	MS/L	MS/L	MS/L	MS/L	MS/L	MS/L	MS/L	MS/L	MS/L	MS/L
NOTES	1.2,3	1.2,3	1.2,3,4	1.2,3,4	1.2,3	1.2,3	1.2,3,4	1.2,3,4	1.2,3	1.2,3,4



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2 ELECTRICAL LIGHTING PLAN - AREA A  
3/16" = 1'-0"

#### ELECTRICAL KEYED NOTES

- ROUTE CONDUIT UP THROUGH CONCRETE AND SUPPORT PIPE. CONNECT TO LED BACKLIT LETTERING. SEE POWER PLAN AND EQUIPMENT CONNECTION SCHEDULE.
- COORDINATE ROUTING OF CONDUIT IN CONCRETE.

#### LIGHTING CONTROLS LEGEND:

- LOW-VOLTAGE SINGLE POLE SWITCH
  - KEYED SWITCH
  - KEYED DIMMING SWITCH
  - OCCUPANCY SWITCH DUAL-TECH, AUTO-ON/AUTO-OFF
  - OCCUPANCY SWITCH DUAL-TECH, AUTO-ON/AUTO-OFF DIMMING
  - VACANCY SWITCH DUAL-TECH, MANUAL-ON/AUTO-OFF
  - VACANCY DIMMING SWITCH DUAL-TECH, VACANCY DIMMING SWITCH
  - LOW VOLTAGE DIMMING SWITCH.
  - OCCUPANCY SENSOR LOW-CEILING.
  - OCCUPANCY SENSOR HIGH-CEILING.
- *ALTERNATE LIGHTING CONTROLS SHALL BE TOUCHED LIGHTING CONTROLS SYSTEM.

#### LIGHTING PLAN GENERAL NOTES:

- ALL 2x4 FIXTURES ARE TYPE "A1" UNLESS NOTED OTHERWISE.
- ALL 2x2 FIXTURES ARE TYPE "B1" UNLESS NOTED OTHERWISE.
- LIGHTING CIRCUIT NUMBERS ARE INDICATED IN EACH ROOM.
- ALL CEILING MOUNTED DEVICES LOCATED IN LAY-IN CEILINGS SHALL BE CENTERED IN THE CEILING TILE.
- MULTIPLE SWITCHES SHOWN TOGETHER SHALL BE GANGED TOGETHER UNDER A COMMON COVER PLATE.
- PROVIDE UNSWITCHED POWER TO ALL EXIT SIGNS FROM EMERGENCY PANEL. COORDINATE THE EXACT EXIT SIGN LOCATION/PLACEMENT WITH THE BUILDING INSPECTOR PRIOR TO ROUGH-IN.
- CONTRACTOR SHALL INDICATE LIGHTING CIRCUIT CONTROLLED BY EACH SWITCH BY PROVIDING TYPE WRITTEN VINYL LABELING LOCATED ON EACH SWITCH COVER PLATE.
- CONTRACTOR SHALL INDICATE LIGHTING CIRCUIT CONTROLLED BY EACH SWITCH BY PROVIDING TYPE WRITTEN LABELING LOCATED EACH SWITCH COVER PLATE.
- SPRINKLER CONTRACTOR SHALL COORDINATE SPRINKLER HEAD LOCATIONS WITH CEILING MOUNTED LIGHTING FIXTURES.
- HALL LIGHTING AND ALL COMMON AREA CIRCUITS NOT CONTROLLED BY OCCUPANCY SENSORS SHALL BE CIRCUITED THROUGH A LIGHTING CONTACTOR PANEL AND SHALL BE TURNED OFF BASED ON A TIME OF DAY SCHEDULE THROUGH THE TIME SWITCH. WITH OVERRIDE DEVICES LOCATED AT EACH MAIN ENTRANCE.
- MINIMUM CIRCUIT SIZE IS 2 #12 AND 1 #12 GROUND IN 1/2" CONDUIT.
- COORDINATE LIGHT LOCATIONS WITH OTHER CEILING ITEMS OR JOIST ITEMS PRIOR TO INSTALLATION. LIGHT LOCATIONS TAKE PRECEDENCE OVER AIR DEVICES.
- PROVIDE SECONDARY SUPPORT WIRES FROM ALL TWO (2) CORNERS OF THE LAY-IN FIXTURES TO THE STRUCTURE ABOVE. DO NOT SUPPORT FIXTURES FROM CEILING GRID WIRE SUPPORTS, PIPING, CONDUIT, SIDE WALLS, OR MECHANICAL EQUIPMENT. CEILING SPECIFICATIONS DO NOT SUPERCEDE THIS REQUIREMENT.
- FIRESTOP ALL CONDUIT PENETRATIONS IN RATED WALLS. SEE ARCHITECTURAL FOR WALL RATINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SHEET ROCK AND REPAIR. PROVIDE FIRE RATED SLEEVES IN ALL FLOOR PENETRATIONS.
- REFER TO RESPECTIVE SIDE OF THE BOUNDARY MATCHLINE FOR THE APPROPRIATE FLOOR PLAN KEYED NOTES.
- PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE EMERGENCY FIXTURES IN EACH LIGHTING CONTROL ZONE. SEE GTD DETAIL.

#### LIGHTING CONTROLS SEQUENCE OF OPERATIONS:

- INTERIOR**
  - CLASSROOMS/LABS:**
    - MANUAL ON/VACANCY SENSOR OFF IN 20MINS OR LESS.
    - DIMMER SWITCH, CEILING MOUNTED DUAL TECH VACANCY SENSORS.
  - ADMIN/OFFICES:**
    - MANUAL ON/VACANCY SENSOR OFF IN 20MINS OR LESS.
    - DIMMER SWITCH, DUAL TECH VACANCY SENSOR SWITCH IN INDIVIDUAL OFFICES.
    - CEILING MOUNTED DUAL TECH VACANCY SENSOR IN OPEN OFFICES.
  - CAFETERIA/GYMNASIUM:**
    - TIMER OFF AFTER HOURS WITH OVERRIDE SWITCH(ES) AT MAIN ENTRANCE(S). VACANCY SENSOR OFF.
    - DIMMER SWITCHES, CEILING MOUNTED DUAL TECH VACANCY SENSORS.
  - CORRIDORS/EGRESS:**
    - TIMER OFF AFTER HOURS WITH OVERRIDE SWITCH(ES) AT MAIN ENTRANCE(S).
    - EMERGENCY FIXTURES SHALL FUNCTION AS "NIGHT LIGHTS".
    - TIME SWITCH SHALL RETAIN ITS PROGRAMMING AND TIME SETTING DURING A POWER INTERRUPTION FOR AT LEAST 10 HOURS.
    - CONTACTORS/RELAY PANEL.
  - STORAGE/JANITORIAL:**
    - MANUAL ON/VACANCY SENSOR OFF IN 20MINS OR LESS.
    - PIR VACANCY SWITCH.
  - RESTROOMS:**
    - OCCUPANCY SENSOR ON/AUTO-OFF IN 20MINS OR LESS.
    - DUAL TECH CEILING MOUNTED SENSORS.
  - DAYLIGHT ZONES:**
    - REDUCE LIGHT LEVELS IN ALL FIXTURES CONTAINED WITHIN THE DAYLIGHT ZONE IN RESPONSE TO DAYLIGHTING.
    - UTILIZE CEILING MOUNTED DAYLIGHT SENSOR CENTERED WITHIN THE DAYLIGHT ZONE.
- EXTERIOR**
  - WALL MOUNTED/FAÇADE LIGHTING**
    - PHOTOCELL ON/PHOTOCELL OFF. TIMER SWITCH OFF FROM MIDNIGHT-6AM.
    - TIME SWITCH SHALL RETAIN ITS PROGRAMMING AND TIME SETTING DURING A POWER INTERRUPTION FOR AT LEAST 10 HOURS.
  - POLE LIGHTS**
    - PHOTOCELL ON/PHOTOCELL OFF. REDUCE LIGHTING POWER BY AT LEAST 30% FROM MIDNIGHT-6AM.
    - TIME SWITCH SHALL RETAIN ITS PROGRAMMING AND TIME SETTING DURING A POWER INTERRUPTION FOR AT LEAST 10 HOURS.

#### LIGHTING CONTROL/COMMISSIONING PLAN:

CONTRACTOR SHALL COMPLETE THE TASKS BELOW TO VERIFY THE LIGHTING CONTROLS ARE OPERATING AS PRESCRIBED BY THE PROJECT DOCUMENTS AND APPLICABLE CODES. WRITTEN DOCUMENTATION SHALL BE PROVIDED TO THE ARCHITECT UPON COMPLETION AND SHALL INCLUDE THE FOLLOWING INFORMATION FOR EACH TASK: DATE PERFORMED, PERSON COMPLETING THE TASK, INITIAL SETTINGS OBSERVED, AND FINAL SETTING UPON COMPLETION.

CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING TASKS:

- ENSURE LIGHT FIXTURES ARE INSTALLED AND OPERATIONAL
- PERFORM OPERATIONAL TESTING OF EMERGENCY EXIT AND EGRESS LIGHTING COMPONENTS AS REQUIRED BY NFPA 101 FOR ANNUAL TESTING.
- ENSURE OCCUPANCY SENSORS ARE INSTALLED AND OPERATIONAL
- ENSURE DAYLIGHT PHOTOSENSORS ARE INSTALLED AND OPERATIONAL

TEST OF OCCUPANCY SENSOR DEVICES SHALL ENSURE THE FOLLOWING:

- LOCATION AND AIMING ARE SET PER MANUFACTURER'S INSTRUCTIONS.
- DEVICE STATUS INDICATORS ARE FUNCTIONING.
- FIXTURES ARE SWITCHED OR DIMMED AS INDICATED IN THE DRAWINGS.
- TIME DELAYS ARE SET APPROPRIATELY AND MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.

TEST OF DAYLIGHT PHOTOSENSOR DEVICES SHALL ENSURE THE FOLLOWING:

- LOCATION AND AIMING ARE SET PER MANUFACTURER'S INSTRUCTIONS.
- DEVICE STATUS INDICATORS ARE FUNCTIONING.
- FIXTURES ARE DIMMED AS INDICATED IN THE DRAWINGS.
- TIME DELAYS AND RATE OF DIMMING ARE SET APPROPRIATELY TO AVOID ABRUPT LIGHT LEVEL CHANGES AND FEEDBACK FROM ARTIFICIAL LIGHTING WITHIN THE SPACE DOES NOT CAUSE UNNECESSARY OPERATION.

IN CORRIDOR, OCCUPANCY SENSOR CONTROL SHALL TURN LIGHTING ON TO FULL LIGHT OUTPUT UPON DETECTION OF OCCUPANT. ALL OTHER AREAS, OCCUPANCY SENSOR CONTROL SHALL TURN LIGHTING ON TO NOT MORE THAN 50 PERCENT OF LIGHTING POWER.

TEST ON/OFF SYSTEM WHERE APPLICABLE FOR CORRECT OPERATION.

CONTRACTOR SHALL ENSURE THE STEPS ABOVE ARE COMPLETED PRIOR TO SUBSTANTIAL COMPLETION TO AVOID POTENTIAL DELAYS IN OBTAINING CERTIFICATE OF OCCUPANCY.

#### CONSULTANTS

CIVIL:

URBAN ENGINEERING  
2725 SWANTNER  
CORPUS CHRISTI, TEXAS 78404  
T 361.854.3101

#### STRUCTURAL:

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T 956.428.4461

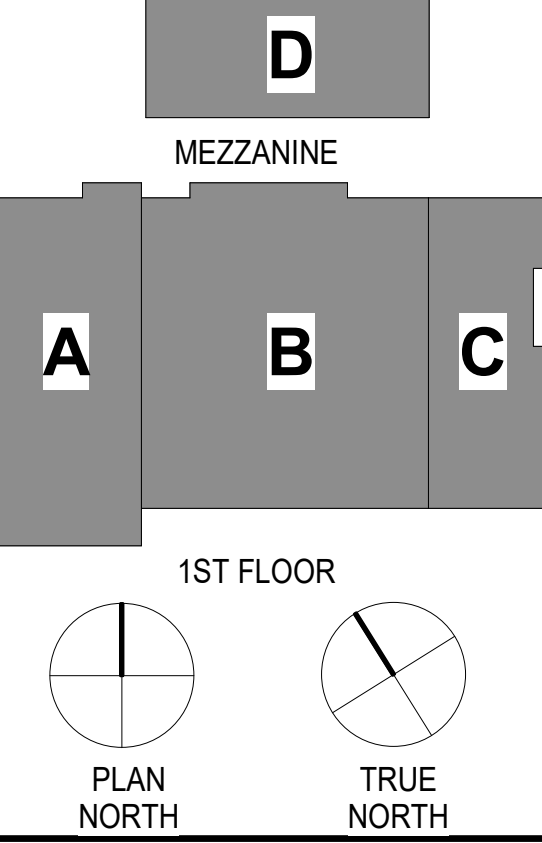
#### MEP:

MS2 CONSULTING ENGINEERS  
8200 W. INTERSTATE 10, STE. 312  
SAN ANTONIO, TEXAS 78230  
T 210.736.4265

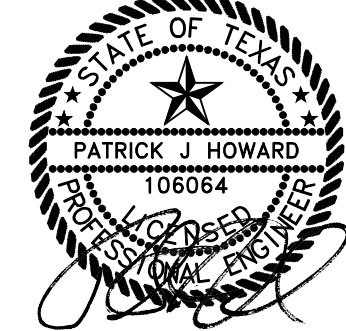
#### LANDSCAPE / IRRIGATION:



#### CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS



06/15/2023



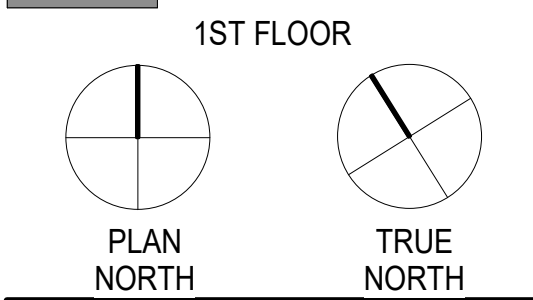
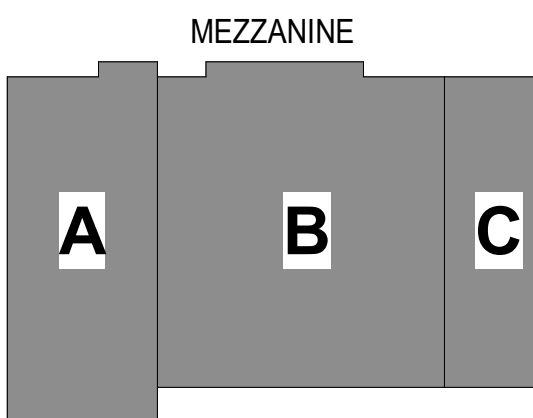
Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: DJS  
Checked: Checker

Revisions:	No.	Description	Date
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	2	Addenda #2	06/15/23


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#### ELECTRICAL LIGHTING PLAN - AREA A





06/15/2023



PATRICK J. HOWARD  
106064  
PROFESSIONAL ENGINEER

Project Number: 18.2  
Drawing Date: 5/18/2020  
Drawn: D.J.  
Checked: Check

No.	Description	Date
1	Addenda #1	05/31/23
2	Addenda #2	06/15/23

Sheet Title:

**ELECTRICAL  
LIGHTING PLAN -  
AREA B**

A. ALL 2x4 FIXTURES ARE TYPE "AT" UNLESS NOTED OTHERWISE.

B. ALL 2x2 FIXTURES ARE TYPE "BT" UNLESS NOTED OTHERWISE.

C. LIGHTING CIRCUIT NUMBERS ARE INDICATED IN EACH ROOM.

D. ALL CEILING MOUNTED DEVICES LOCATED IN LAY-IN CEILINGS SHALL BE CENTERED IN THE CEILING TILE.

E. MULTIPLE SWITCHES SHOWN TOGETHER SHALL BE GANGED TOGETHER UNDER A COMMON COVER PLATE.

F. PROVIDE UNSWITCHED POWER TO ALL EXIST SIGNS FROM EMERGENCY PANEL. COORDINATE THE EXACT EXIST LIGHT LOCATION PLACEMENT WITH THE BUILDING INSPECTOR PRIOR TO ROUGH-IN.

G. CONTRACTOR SHALL INDICATE LIGHTING CIRCUIT CONTROLLED BY EACH SWITCH BY PROVIDING TYPE WRITTEN VINYL LABELING LOCATED ON EACH SWITCH COVER PLATE.

H. CONTRACTOR SHALL INDICATE LIGHTING CIRCUIT CONTROLLED BY EACH SWITCH BY PROVIDING TYPE WRITTEN LABELING LOCATED EACH SWITCH COVER PLATE.

I. SPRINKLER CONTRACTOR SHALL COORDINATE SPRINKLER HEAD LOCATION WITH CEILING MOUNTED LIGHTING FIXTURES.

J. WALL LIGHTING AND ALL COMMON AREA CIRCUITS NOT CONTROLLED BY OCCUPANCY SENSITIVE SWITCHES SHALL BE CIRCUITED THROUGH A LIGHTING CONTRACTOR PANEL AND SHALL BE TURNED OFF BEFORE A TIME OF DAY SCHEDULE THROUGH THE TIME SWITCH, WITH OVERRIDE DEVICES LOCATED AT EACH MAIN ENTRANCE.

K. MINIMUM CIRCUIT SIZE IS #12 AND #12 GROUND IN 1/2" CONDUIT.

L. COORDINATE LIGHT LOCATIONS WITH OTHER CEILING ITEMS OR JOIST ITEMS PRIOR TO INSTALLATION. LIGHT LOCATIONS TAKE PRECEDENCE OVER AIR DEVICES.

M. PROVIDE SECONDARY SUPPORT WIRES FROM ALL TWO (2) CORNERS OF THE LAY-IN FIXTURES TO THE STRUCTURE ABOVE. DO NOT SUPPORT FIXTURES FROM CEILING GRID WIRE SUPPORTS, PIPING, CONDUIT, SIDE WALLS, OR MECHANICAL EQUIPMENT. CLIPPING SPECIFICATIONS DO NOT SUPERCEDE THIS REQUIREMENT.

N. FIRESTOP ALL CONDUIT PENETRATIONS IN RATED WALLS. SEE DETAIL FOR WALL RATINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SHEET ROCK AND REPAIR. PROVIDE FIRE RATED SLEEVES IN ALL FLOOR PENETRATIONS.

O. REFER TO RESPECTIVE SIDE OF THE BOUNDARY MATCHLINE FOR THE APPROPRIATE FLOOR PLAN KEYED NOTES.

P. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE EMERGENCY FIXTURES IN EACH LIGHTING CONTROL ZONE. SEE DETAIL.

**INTERIOR**

**CLASSROOMS/LABS:**  
MANUAL ON/VACANCY SENSOR OFF IN 20MINS OR LESS.  
DIMMER SWITCH, CEILING MOUNTED/DUAL TECH VACANCY SENSORS.

**ADMIN/OFFICES:**  
MANUAL ON/VACANCY SENSOR OFF IN 20MINS OR LESS.  
DIMMER SWITCH, DUAL TECH VACANCY SENSOR SWITCH IN INDIVIDUAL OFFICES.  
CEILING MOUNTED DUAL TECH VACANCY SENSOR IN OPEN OFFICES.

**CAFETERIA/GYMNASIUM:**  
TIMER OFF AFTER HOURS WITH OVERRIDE SWITCH(ES) AT MAIN ENTRANCE(S). VACANCY SENSOR OFF.  
DIMMER SWITCHES, CEILING MOUNTED DUAL TECH VACANCY SENSORS.

**CORRIDORS/EGRESS:**  
TIMER OFF AFTER HOURS WITH OVERRIDE SWITCH(ES) AT MAIN ENTRANCE(S).  
EMERGENCY FIXTURES SHALL FUNCTION AS "NIGHT LIGHTS".  
TIME SWITCH SHALL RETAIN ITS PROGRAMMING AND TIME SETTING DURING A POWER INTERRUPTION FOR AT LEAST 10 HOURS.  
CONTACTORS/RELAY PANEL.

**STORAGE/JANITORIAL:**  
MANUAL ON/VACANCY SENSOR OFF IN 20MINS OR LESS.  
PER VACANCY SWITCH.

**RESTROOMS:**  
OCCUPANCY SENSOR ON/AUTO-OFF IN 20MINS OR LESS.  
DUAL TECH CEILING MOUNTED SENSORS.

**DAYLIGHT ZONES**  
REDUCE LIGHT LEVELS IN ALL FIXTURES CONTAINED WITHIN DAYLIGHT ZONE IN RESPONSE TO DAYLIGHTING.  
UTILIZE CEILING MOUNTED DAYLIGHT SENSOR CENTERED WITHIN THE DAYLIGHT ZONE.

**EXTERIOR**

**WALL MOUNTED/FACADE LIGHTING**  
PHOTOCELL ON/PHOTOCELL OFF. TIMER SWITCH OFF FROM MIDNIGHT-6AM.  
TIMER SWITCH SHALL RETAIN ITS PROGRAMMING AND TIME SETTING DURING A POWER INTERRUPTION FOR AT LEAST 10 HOURS.

**POLE LIGHTS**  
PHOTOCELL ON/PHOTOCELL OFF. REDUCE LIGHTING POWER BY AT LEAST 30% FROM MIDNIGHT-6AM.  
TIME SWITCH SHALL RETAIN ITS PROGRAMMING AND TIME SETTING DURING A POWER INTERRUPTION FOR AT LEAST 10 HOURS.

CONTRACTOR SHALL COMPLETE THE TASKS BELOW TO VERIFY LIGHTING CONTROLS ARE OPERATING AS PRESCRIBED BY THE PROJECT DOCUMENTS AND APPLICABLE CODES. WRITTEN DOCUMENTATION SHALL BE PROVIDED TO THE ARCHITECT UPON COMPLETION AND SHALL INCLUDE THE FOLLOWING INFORMATION FOR EACH TASK: DATE PERFORMED, PERSON COMPLETING THE TASK, INITIAL SETTINGS OBSERVED, AND FINAL SETTING UPON COMPLETION.

CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING TASKS:

- ENSURE LIGHT FIXTURES ARE INSTALLED AND OPERATIONAL.
- PERFORM OPERATIONAL TESTING OF EMERGENCY EXIT AND EGRESS LIGHTING COMPONENTS AS REQUIRED BY NFPA 101. FOR ANNUAL TESTING
- ENSURE OCCUPANCY SENSORS ARE INSTALLED AND OPERATIONAL.
- ENSURE DAYLIGHT PHOTOSENSORS ARE INSTALLED AND OPERATIONAL

- MANUFACTURER'S INSTRUCTIONS,
- DEVICE STATUS INDICATORS ARE FUNCTIONING
- FIXTURES ARE SWITCHED OR DIMMED AS INDICATED
- IN THE DRAWINGS,
- TIME DELAYS ARE SET APPROPRIATELY, AND
- MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.

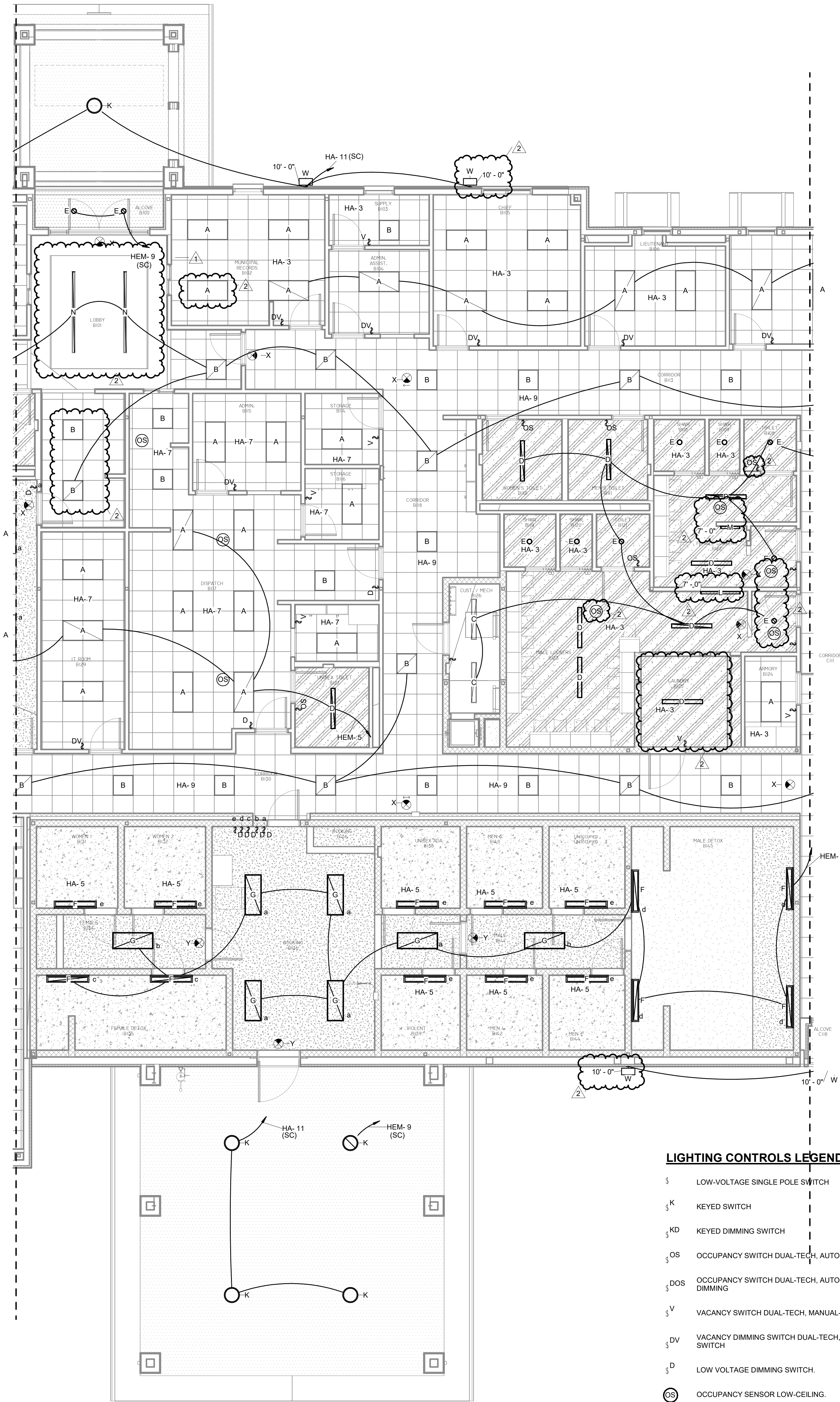
- MANUFACTURER'S INSTRUCTIONS.
- DEVICE STATUS INDICATORS ARE FUNCTIONING
- FIXTURES ARE DIMMED AS INDICATED IN THE DRAWINGS.
- TIME DELAYS AND RATE OF DIMMING ARE SET APPROPRIATELY TO AVOID ABRUPT LIGHT LEVEL CHANGES, AND
- FEEDBACK FROM ARTIFICIAL LIGHTING WITHIN THE SPACE DOES NOT CAUSE UNNECESSARY OPERA

IN CORRIDOR, OCCUPANCY SENSOR CONTROL SHALL TURN LIGHTING ON TO FULL LIGHT OUTPUT UPON DETECTION OF OCCUPANT. ALL OTHER AREAS, OCCUPANCY SENSOR CONTROL SHALL TURN LIGHTING ON TO NOT MORE THAN 50 PERCENT OF LIGHTING POWER.

CONTRACTOR SHALL ENSURE THE STEPS ABOVE ARE COMPLETE PRIOR TO SUBSTANTIAL COMPLETION TO AVOID POTENTIAL DELAY IN OBTAINING CERTIFICATE OF OCCUPANCY.

LOW-VOLTAGE SINGLE POLE SWITCH	
$\frac{1}{2}$ K	KEYED SWITCH
$\frac{1}{2}$ KD	KEYED DIMMING SWITCH
$\frac{1}{2}$ OS	OCCUPANCY SWITCH DUAL-TECH, AUTO-ON/AUTO-OFF
$\frac{1}{2}$ DOS	OCCUPANCY SWITCH DUAL-TECH, AUTO-ON/AUTO-OFF DIMMING
$\frac{1}{2}$ V	VACANCY SWITCH DUAL-TECH, MANUAL-ON/AUTO-OFF
$\frac{1}{2}$ DV	VACANCY DIMMING SWITCH DUAL-TECH, VACANCY DIMMING SWITCH
$\frac{1}{2}$ D	LOW VOLTAGE DIMMING SWITCH.
$\frac{1}{2}$ OS	OCCUPANCY SENSOR LOW-CEILING.
$\frac{1}{2}$ OS _H	OCCUPANCY SENSOR HIGH-CEILING.

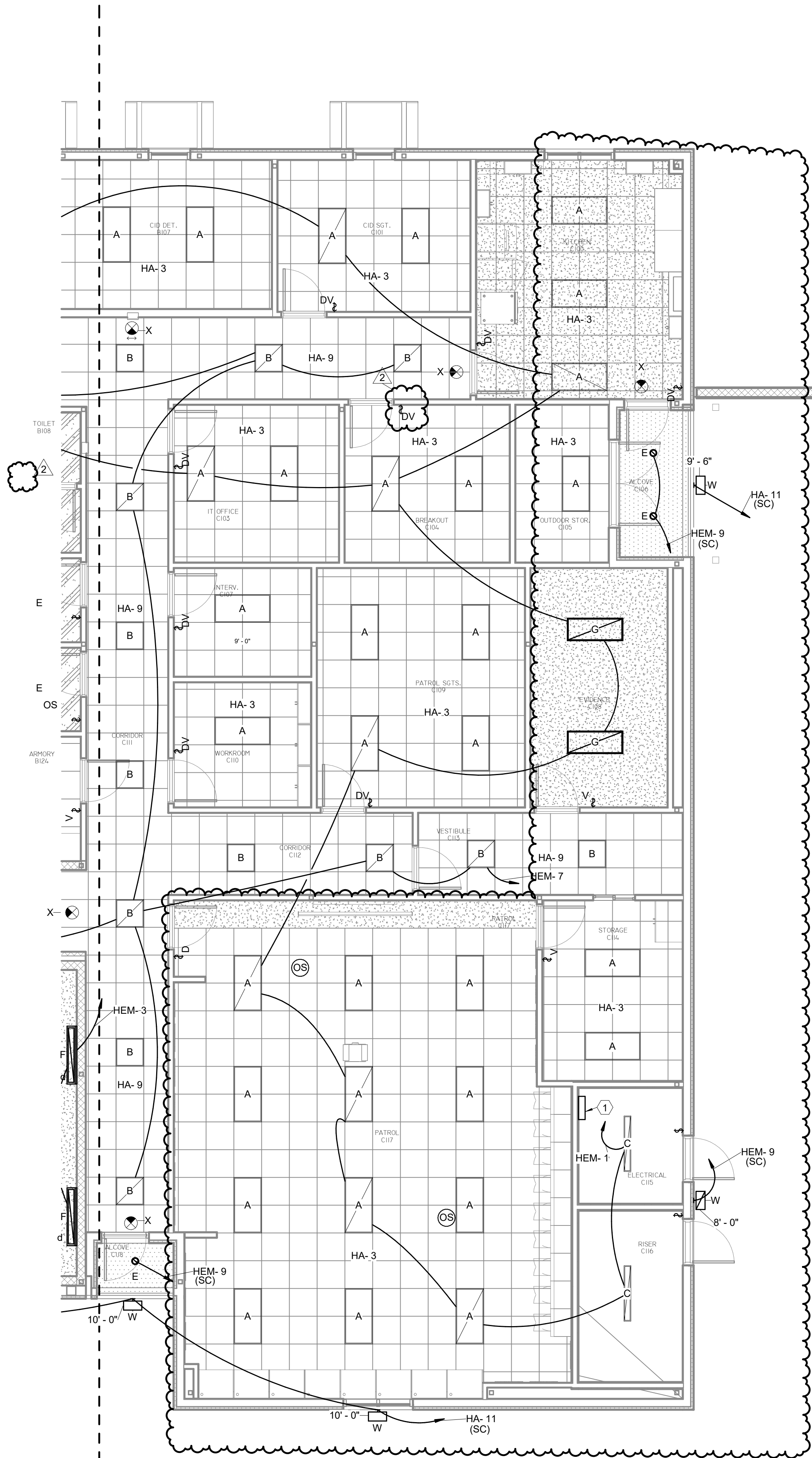
*ALTERNATE LIGHTING CONTROLS SHALL BE TOUCHE LIGHTING CONTROLS SYSTEM.



**1 ELECTRICAL LIGHTING PLAN - AREA B**  
E-202 3/16" = 1'-0"



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**1 ELECTRICAL LIGHTING PLAN - AREA C**  
E-203 3/16" = 1'-0"

**ELECTRICAL KEYED NOTES**

1 LIGHTING RELAY/CONTACTOR PANEL

**LIGHTING CONTROLS LEGEND:**

- § LOW-VOLTAGE SINGLE POLE SWITCH
  - §^K KEYED SWITCH
  - §^{KD} KEYED DIMMING SWITCH
  - §^{OS} OCCUPANCY SWITCH DUAL-TECH, AUTO-ON/AUTO-OFF
  - §^{DOS} OCCUPANCY SWITCH DUAL-TECH, AUTO-ON/AUTO-OFF DIMMING
  - §^V VACANCY SWITCH DUAL-TECH, MANUAL-ON/AUTO-OFF
  - §^{DV} VACANCY DIMMING SWITCH DUAL-TECH, VACANCY DIMMING SWITCH
  - §^D LOW VOLTAGE DIMMING SWITCH.
  - §^{OS} OCCUPANCY SENSOR LOW-CEILING.
  - §^{OS_H} OCCUPANCY SENSOR HIGH-CEILING.
- *ALTERNATE LIGHTING CONTROLS SHALL BE TOUCHED LIGHTING CONTROLS SYSTEM.

**LIGHTING PLAN GENERAL NOTES:**

- A. ALL 2x4 FIXTURES ARE TYPE "A1" UNLESS NOTED OTHERWISE.
- B. ALL 2x2 FIXTURES ARE TYPE "B1" UNLESS NOTED OTHERWISE.
- C. LIGHTING CIRCUIT NUMBERS ARE INDICATED IN EACH ROOM.
- D. ALL CEILING MOUNTED DEVICES LOCATED IN LAY-IN CEILINGS SHALL BE CENTERED IN THE CEILING TILE.
- E. MULTIPLE SWITCHES SHOWN TOGETHER SHALL BE GANGED TOGETHER UNDER A COMMON COVER PLATE.
- F. PROVIDE UNSWITCHED POWER TO ALL EXIT SIGNS FROM EMERGENCY PANEL. COORDINATE THE EXACT EXIT SIGN LOCATION/PLACEMENT WITH THE BUILDING INSPECTOR PRIOR TO ROUGH-IN.
- G. CONTRACTOR SHALL INDICATE LIGHTING CIRCUIT CONTROLLED BY EACH SWITCH BY PROVIDING TYPE WRITTEN VINYL LABELING LOCATED ON EACH SWITCH COVER PLATE.
- H. CONTRACTOR SHALL INDICATE LIGHTING CIRCUIT CONTROLLED BY EACH SWITCH BY PROVIDING TYPE WRITTEN LABELING LOCATED EACH SWITCH COVER PLATE.
- I. SPRINKLER CONTRACTOR SHALL COORDINATE SPRINKLER HEAD LOCATIONS WITH CEILING MOUNTED LIGHTING FIXTURES.
- J. HALL LIGHTING AND ALL COMMON AREA CIRCUITS NOT CONTROLLED BY OCCUPANCY SENSORS SHALL BE CIRCUITED THROUGH A LIGHTING CONTACTOR PANEL AND SHALL BE TURNED OFF BASED ON A TIME OF DAY SCHEDULE THROUGH THE TIME SWITCH. WITH OVERRIDE DEVICES LOCATED AT EACH MAIN ENTRANCE.
- K. MINIMUM CIRCUIT SIZE IS 2 #12 AND 1 #12 GROUND IN 1/2" CONDUIT.
- L. COORDINATE LIGHT LOCATIONS WITH OTHER CEILING ITEMS OR JOIST ITEMS PRIOR TO INSTALLATION. LIGHT LOCATIONS TAKE PRECEDENCE OVER AIR DEVICES.
- M. PROVIDE SECONDARY SUPPORT WIRES FROM ALL TWO (2) CORNERS OF THE LAY-IN FIXTURES TO THE STRUCTURE ABOVE. DO NOT SUPPORT FIXTURES FROM CEILING GRID WIRE SUPPORTS, PIPING, CONDUIT, SIDE WALLS, OR MECHANICAL EQUIPMENT. CEILING SPECIFICATIONS DO NOT SUPERCEDE THIS REQUIREMENT.
- N. FIRESTOP ALL CONDUIT PENETRATIONS IN RATED WALLS. SEE ARCHITECTURAL FOR WALL RATINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SHEET ROCK AND REPAIR. PROVIDE FIRE RATED SLEEVES IN ALL FLOOR PENETRATIONS.
- O. REFER TO RESPECTIVE SIDE OF THE BOUNDARY MATCHLINE FOR THE APPROPRIATE FLOOR PLAN KEYED NOTES.
- P. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE EMERGENCY FIXTURES IN EACH LIGHTING CONTROL ZONE. SEE GTD DETAIL.

**LIGHTING CONTROLS SEQUENCE OF OPERATIONS:**

**INTERIOR**

- CLASSROOMS/LABS:
  - MANUAL ON/VACANCY SENSOR OFF IN 20MINS OR LESS.
  - DIMMER SWITCH, CEILING MOUNTED DUAL TECH VACANCY SENSORS.
- ADMIN/OFFICES:
  - MANUAL ON/VACANCY SENSOR OFF IN 20MINS OR LESS.
  - DIMMER SWITCH, DUAL TECH VACANCY SENSOR SWITCH IN INDIVIDUAL OFFICES.
  - CEILING MOUNTED DUAL TECH VACANCY SENSOR IN OPEN OFFICES.
- CAFETERIA/GYMNASIUM:
  - TIMER OFF AFTER HOURS WITH OVERRIDE SWITCH(ES) AT MAIN ENTRANCE(S), VACANCY SENSOR OFF.
  - DIMMER SWITCHES, CEILING MOUNTED DUAL TECH VACANCY SENSORS.

- CORRIDORS/EGRESS:
  - TIMER OFF AFTER HOURS WITH OVERRIDE SWITCH(ES) AT MAIN ENTRANCE(S).
  - EMERGENCY FIXTURES SHALL FUNCTION AS "NIGHT LIGHTS".
  - TIME SWITCH SHALL RETAIN ITS PROGRAMMING AND TIME SETTING DURING A POWER INTERRUPTION FOR AT LEAST 10 HOURS.
  - CONTACTORS/RELAY PANEL.

- STORAGE/JANITORIAL:
  - MANUAL ON/VACANCY SENSOR OFF IN 20MINS OR LESS.
  - PIR VACANCY SWITCH.

- RESTROOMS:
  - OCCUPANCY SENSOR ON/AUTO-OFF IN 20MINS OR LESS.
  - DUAL TECH CEILING MOUNTED SENSORS.

- DAYLIGHT ZONES:
  - REDUCE LIGHT LEVELS IN ALL FIXTURES CONTAINED WITHIN THE DAYLIGHT ZONE IN RESPONSE TO DAYLIGHTING.
  - UTILIZE CEILING MOUNTED DAYLIGHT SENSOR CENTERED WITHIN THE DAYLIGHT ZONE.

**EXTERIOR**

- WALL MOUNTED/FAÇADE LIGHTING:
  - PHOTOCELL ON/PHOTOCELL OFF. TIMER SWITCH OFF FROM MIDNIGHT-6AM.
  - TIME SWITCH SHALL RETAIN ITS PROGRAMMING AND TIME SETTING DURING A POWER INTERRUPTION FOR AT LEAST 10 HOURS.

- POLE LIGHTS:
  - PHOTOCELL ON/PHOTOCELL OFF. REDUCE LIGHTING POWER BY AT LEAST 30% FROM MIDNIGHT-6AM.
  - TIME SWITCH SHALL RETAIN ITS PROGRAMMING AND TIME SETTING DURING A POWER INTERRUPTION FOR AT LEAST 10 HOURS.

**LIGHTING CONTROL/COMMISSIONING PLAN:**

CONTRACTOR SHALL COMPLETE THE TASKS BELOW TO VERIFY THE LIGHTING CONTROLS ARE OPERATING AS PRESCRIBED BY THE PROJECT DOCUMENTS AND APPLICABLE CODES. WRITTEN DOCUMENTATION SHALL BE PROVIDED TO THE ARCHITECT UPON COMPLETION AND SHALL INCLUDE THE FOLLOWING INFORMATION FOR EACH TASK: DATE PERFORMED, PERSON COMPLETING THE TASK, INITIAL SETTINGS OBSERVED, AND FINAL SETTING UPON COMPLETION.

- CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING TASKS:
- ENSURE LIGHT FIXTURES ARE INSTALLED AND OPERATIONAL.
  - PERFORM OPERATIONAL TESTING OF EMERGENCY EXIT AND EGRESS LIGHTING COMPONENTS AS REQUIRED BY NFPA 101 FOR ANNUAL TESTING.
  - ENSURE OCCUPANCY SENSORS ARE INSTALLED AND OPERATIONAL.
  - ENSURE DAYLIGHT PHOTOSENSORS ARE INSTALLED AND OPERATIONAL.

- TEST OF OCCUPANCY SENSOR DEVICES SHALL ENSURE THE FOLLOWING:
- LOCATION AND AIMING ARE SET PER MANUFACTURER'S INSTRUCTIONS.
  - DEVICE STATUS INDICATORS ARE FUNCTIONING.
  - FIXTURES ARE SWITCHED OR DIMMED AS INDICATED IN THE DRAWINGS.
  - TIME DELAYS ARE SET APPROPRIATELY, AND MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.

- TEST OF DAYLIGHT PHOTOSENSOR DEVICES SHALL ENSURE THE FOLLOWING:
- LOCATION AND AIMING ARE SET PER MANUFACTURER'S INSTRUCTIONS.
  - DEVICE STATUS INDICATORS ARE FUNCTIONING.
  - FIXTURES ARE DIMMED AS INDICATED IN THE DRAWINGS.
  - TIME DELAYS AND RATE OF DIMMING ARE SET APPROPRIATELY TO AVOID ABRUPT LIGHT LEVEL CHANGES, AND FEEDBACK FROM ARTIFICIAL LIGHTING WITHIN THE SPACE DOES NOT CAUSE UNNECESSARY OPERATION.

IN CORRIDOR, OCCUPANCY SENSOR CONTROL SHALL TURN LIGHTING ON TO FULL LIGHT OUTPUT UPON DETECTION OF OCCUPANT. ALL OTHER AREAS, OCCUPANCY SENSOR CONTROL SHALL TURN LIGHTING ON TO NOT MORE THAN 50 PERCENT OF LIGHTING POWER.

TEST ON/OFF SYSTEM WHERE APPLICABLE FOR CORRECT OPERATION.

CONTRACTOR SHALL ENSURE THE STEPS ABOVE ARE COMPLETED PRIOR TO SUBSTANTIAL COMPLETION TO AVOID POTENTIAL DELAYS IN OBTAINING CERTIFICATE OF OCCUPANCY.

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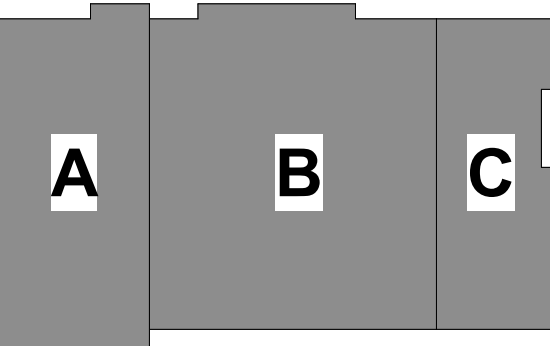
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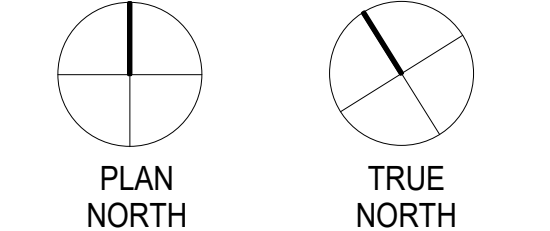
**CITY OF PORT ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

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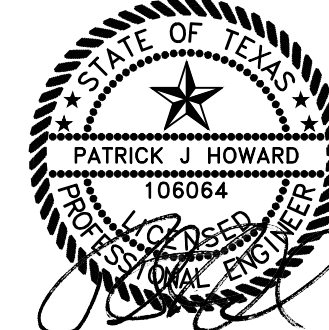
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1ST FLOOR



06/15/2023



Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: DJS  
Checked: Checker

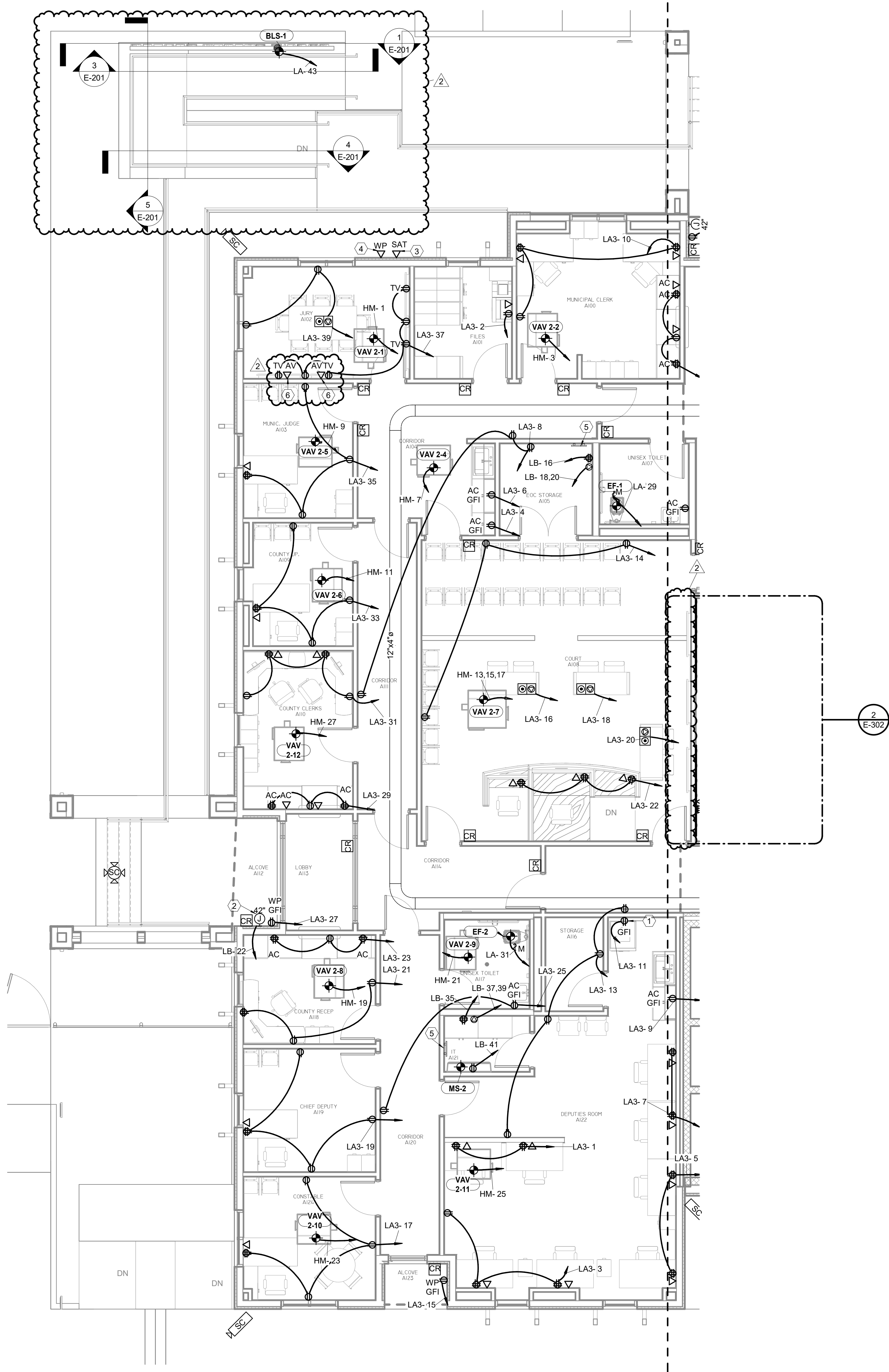
Revisions:	No.	Description	Date
	2	Addenda #2	06/15/23

Sheet Title:

**ELECTRICAL  
LIGHTING PLAN -  
AREA C**



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**2** ELECTRICAL POWER PLAN - AREA A  
E-301 3/16" = 1'-0"

## POWER PLAN GENERAL NOTES:

- A. SEE ALL OTHER PLANS FOR ADDITIONAL DEVICES. SOME POWER CIRCUITING MAY BE ON OTHER PLANS. COORDINATE THE LOCATIONS OF DATA/CATV JACKS WITH THE RECEPTACLES. MOUNT ADJACENT TO EACH OTHER.
- B. WHEN LOCATING SYSTEMS NEXT TO DOORS, LOCATE 8 INCHES OFF DOOR JAMB TO CENTER OF DEVICE. WHEN MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.
- C. MINIMUM CIRCUIT SIZE IS 2 #12 AND 1 #12 GROUND IN 3/4" CONDUIT.
- D. PROVIDE #10 AWG MIN NEUTRAL FOR ALL MULTIWIRE BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR CIRCUIT BREAKERS AS REQUIRED BY NEC 210.4
- E. COORDINATE RECEPTACLE LOCATIONS WITH MILLWORK AND COUNTERS. DO NOT LOCATE RECEPTACLES BEHIND DRAWERS OR HIDDEN IN MILLWORK UNLESS SPECIFICALLY DIRECTED BY OWNER/ARCHITECT. REVIEW ARCHITECTURAL ELEVATIONS PRIOR TO RECEPTACLE ROUGH-INS. SEE ARCH. ELEVATIONS IN BREAKROOMS FOR APPLIANCES AND RECEPTACLE MOUNTING LOCATIONS.
- F. PROVIDE GFI RECEPTACLES WITHIN 6' OF ALL SINKS, AND AT ALL ROOFTOP RECEPTACLES. KITCHEN RECEPTACLES, BATHROOM/TOILET ROOMS, EXTERIOR RECEPTACLES, UNDERCOUNTER EQUIPMENT, AND ALL RECEPTACLES SERVING DRINKING FOUNTAINS.
- G. ALL EQUIPMENT SHALL HAVE A LOCAL DISCONNECTING MEANS, EITHER CORDED PLUG AND RECEPTACLE OR SWITCHED DISCONNECT. VERIFY FROM EQUIPMENT SUBMITTED OR RELOCATED IF DIRECT CONNECT OR RECEPTACLE. IF DIRECT CONNECT, PROVIDE SWITCH AS PER NEC OTHERWISE, PROVIDE RECEPTACLE, CORD PLUG AS REQUIRED BY EQUIPMENT SUBMITTAL.
- H. PROVIDE INDIVIDUAL DISCONNECTS FOR ALL SMOKE FIRE DAMPERS AND VAV'S. NO EXCEPTIONS.
- I. FIRESTOP ALL CONDUIT PENETRATIONS IN RATED WALLS. SEE ARCHITECTURAL FOR WALL RATINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SHEET ROCK AND REPAIR.
- J. PROVIDE FIRE RATED SLEEVES IN ALL FLOOR PENETRATIONS.
- K. ALL ISOLATED GROUND RECEPTACLES SHALL BE ORANGE IN COLOR AND HAVE ISOLATED GROUND FEEDER IG0020.
- L. PROVIDE TAMPER PROOF RECEPTACLES FOR ALL TOILET ROOMS AND LOCKER ROOMS.

## ELECTRICAL KEYED NOTES

1. PROVIDE GFI BREAKER.
2. PROVIDE 120V TO JUNCTION BOX FOR WIRELESS INTERCOM.
3. WATER-PROOF LOW VOLTAGE JUNCTION BOX @ 24" AFF FOR SATELLITE CABLE. VERIFY MOUNTING HEIGHT WITH OWNER. ROUTE 1-1/4" CONDUIT WITH PULL STRING TO NEAREST ACCESSIBLE CEILING.
4. WATER-PROOF LOW VOLTAGE JUNCTION BOX @ 24" AFF FOR (4) NETWORK JACKS. VERIFY MOUNTING HEIGHT WITH OWNER. ROUTE 1-1/4" CONDUIT WITH PULL STRING TO NEAREST ACCESSIBLE CEILING.
5. GROUND BUS BAR MOUNTED AT 84" ABOVE FINISHED FLOOR BY DIVISION 27.
6. EMPTY LOW VOLTAGE OUTLET FOR AUDIOVISUAL CABLE. SEE DETAIL. PROVIDE 2" CONDUIT WITH PULL STRING UP TO ACCESSIBLE CEILING. TYPICAL.

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LANDSCAPE / IRRIGATION:



## CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS

D

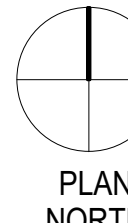
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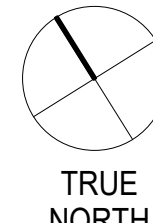
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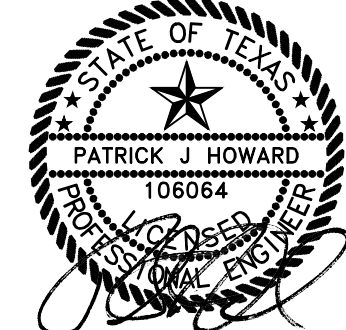


PLAN  
NORTH



TRUE  
NORTH

06/15/2023



Project Number:	18.22
Drawing Date:	5/18/2023
Drawn:	Author
Checked:	Checker

Revisions:

No.	Description	Date
2	Addenda #2	06/15/23

Sheet Title:  
**ELECTRICAL POWER  
PLAN - AREA A**

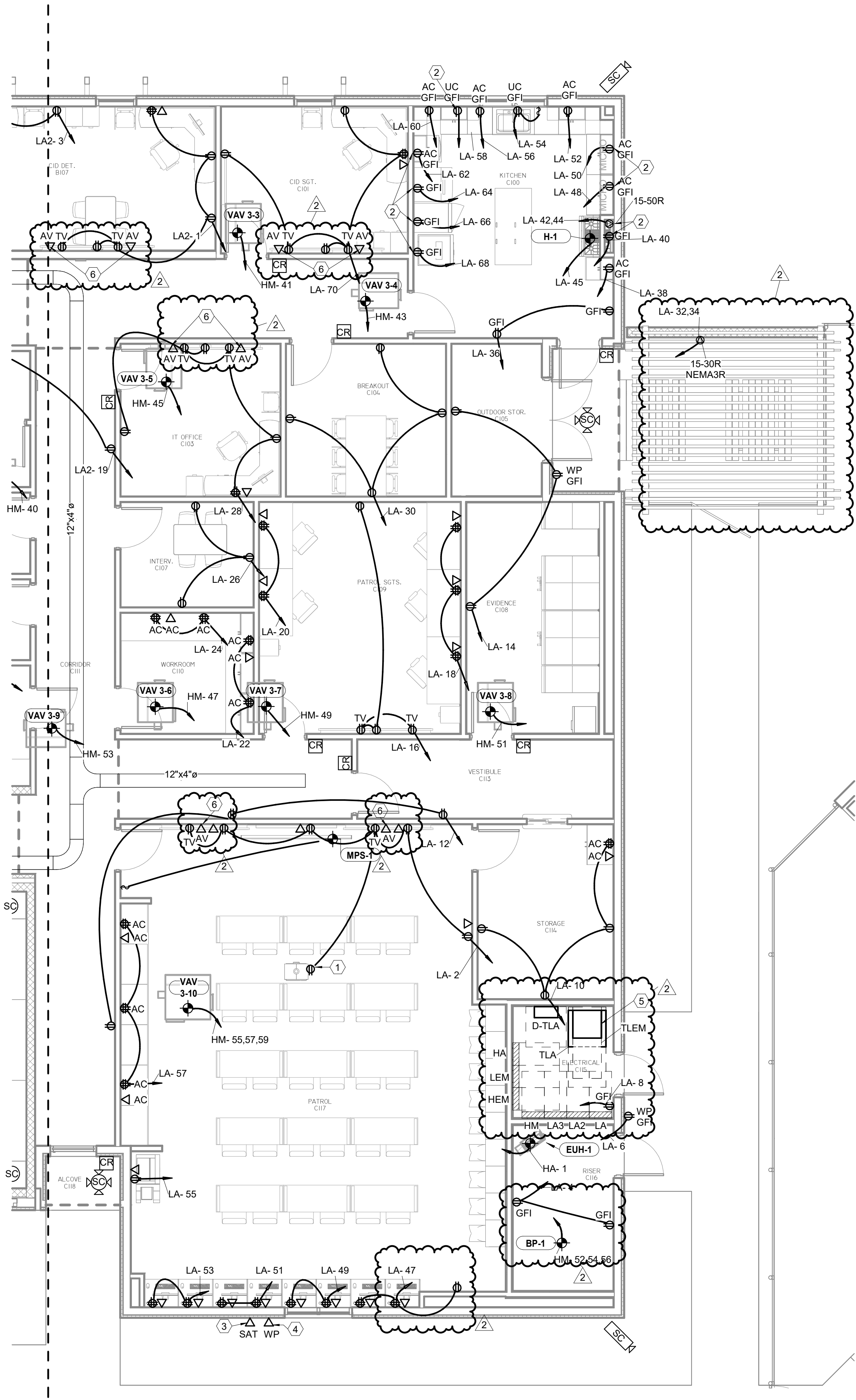
E-301







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**1** ELECTRICAL POWER PLAN - FIRST C  
E-303 3/16" = 1'-0"

**POWER PLAN GENERAL NOTES:**

- A. SEE ALL OTHER PLANS FOR ADDITIONAL DEVICES. SOME POWER CIRCUITING MAY BE ON OTHER PLANS. COORDINATE THE LOCATIONS OF DATA/CATV JACKS WITH THE RECEPTACLES. MOUNT ADJACENT TO EACH OTHER.
- B. WHEN LOCATING SYSTEMS NEXT TO DOORS, LOCATE 8 INCHES OFF DOOR JAMB TO CENTER OF DEVICE. WHEN MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.
- C. MINIMUM CIRCUIT SIZE IS 2 #12 AND 1 #12 GROUND IN 3/4" CONDUIT.
- D. PROVIDE #10 AWG MIN NEUTRAL FOR ALL MUTLIWIRE BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR CIRCUIT BREAKERS AS REQUIRED BY NEC 210.4
- E. COORDINATE RECEPTACLE LOCATIONS WITH MILLWORK AND COUNTERS. DO NOT LOCATE RECEPTACLES BEHIND DRAWERS OR HIDDEN IN MILLWORK UNLESS SPECIFICALLY DIRECTED BY OWNER/ARCHITECT. REVIEW ARCHITECTURAL ELEVATIONS PRIOR TO RECEPTACLE ROUGH-INS. SEE ARCH. ELEVATIONS IN BREAKROOMS FOR APPLIANCES AND RECEPTACLE MOUNTING LOCATIONS.
- F. PROVIDE GFI RECEPTACLES WITHIN 6' OF ALL SINKS, AND AT ALL ROOFTOP RECEPTACLES. KITCHEN RECEPTACLES, BATHROOM/TOILET ROOMS, EXTERIOR RECEPTACLES, UNDERCOUNTER EQUIPMENT, AND ALL RECEPTACLES SERVING DRINKING FOUNTAINS.
- G. ALL EQUIPMENT SHALL HAVE A LOCAL DISCONNECTING MEANS, EITHER CORDED PLUG AND RECEPTACLE OR SWITCHED DISCONNECT. VERIFY FROM EQUIPMENT SUBMITTED OR RELOCATED IF DIRECT CONNECT OR RECEPTACLE. IF DIRECT CONNECT, PROVIDE SWITCH AS PER NEC OTHERWISE, PROVIDE RECEPTACLE, CORD PLUG AS REQUIRED BY EQUIPMENT SUBMITTAL.
- H. PROVIDE INDIVIDUAL DISCONNECTS FOR ALL SMOKE FIRE DAMPERS AND VAV'S. NO EXCEPTIONS.
- I. FIRESTOP ALL CONDUIT PENETRATIONS IN RATED WALLS. SEE ARCHITECTURAL FOR WALL RATINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SHEET ROCK AND REPAIR.
- J. PROVIDE FIRE RATED SLEEVES IN ALL FLOOR PENETRATIONS.
- K. ALL ISOLATED GROUND RECEPTACLES SHALL BE ORANGE IN COLOR AND HAVE ISOLATED GROUND FEEDER IG0020.
- L. PROVIDE TAMPER PROOF RECEPTACLES FOR ALL TOILET ROOMS AND LOCKER ROOMS.

**ELECTRICAL KEYED NOTES**

- 1 PROVIDE RECEPTACLE AT CEILING FOR CEILING MOUNTED PROJECTOR. COORDINATE EXACT LOCATION WITH OWNER.
- 2 PROVIDE GFI BREAKER.
- 3 WATER-PROOF LOW VOLTAGE JUNCTION BOX @ 24" AFF FOR SATALITE CABLE. VERIFY MOUNTING HEIGHT WITH OWNER. ROUTE 1-1/4" CONDUIT WITH PULL STRING TO NEAREST ACCESSIBLE CEILING.
- 4 WATER-PROOF LOW VOLTAGE JUNCTION BOX @ 24" AFF FOR (4) NETWORK JACKS. VERIFY MOUNTING HEIGHT WITH OWNER. ROUTE 1-1/4" CONDUIT WITH PULL STRING TO NEAREST ACCESSIBLE CEILING.
- 5 MOUNT TRANSFORMER TLEM FROM CEILING. SEE DETAIL.
- 6 EMPTY LOW VOLTAGE OUTLET FOR AUDIOVISUAL CABLE. SEE DETAIL. PROVIDE 2" CONDUIT WITH PULL STRING UP TO ACCESSABLE CEILING. TYPICAL.

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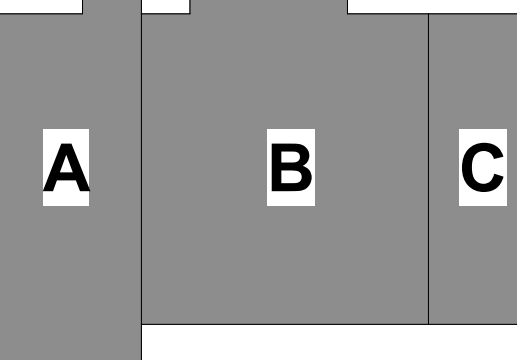
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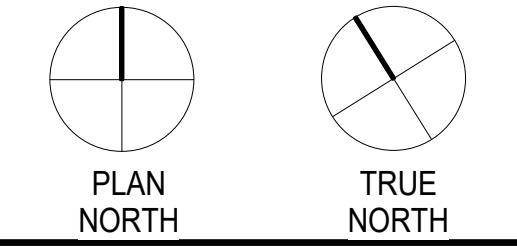
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PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**

**D**

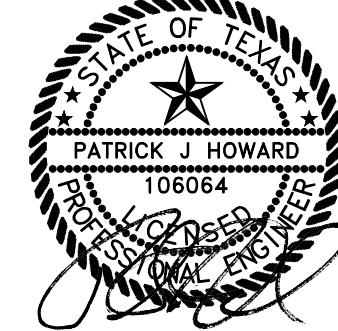
MEZZANINE



1ST FLOOR



06/15/2023



Project Number:	18.22
Drawing Date:	5/18/2023
Drawn:	Author
Checked:	Checker

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No. Description	Date
2 Addenda #2	06/15/23

Sheet Title:  
**ELECTRICAL POWER  
PLAN - AREA C**







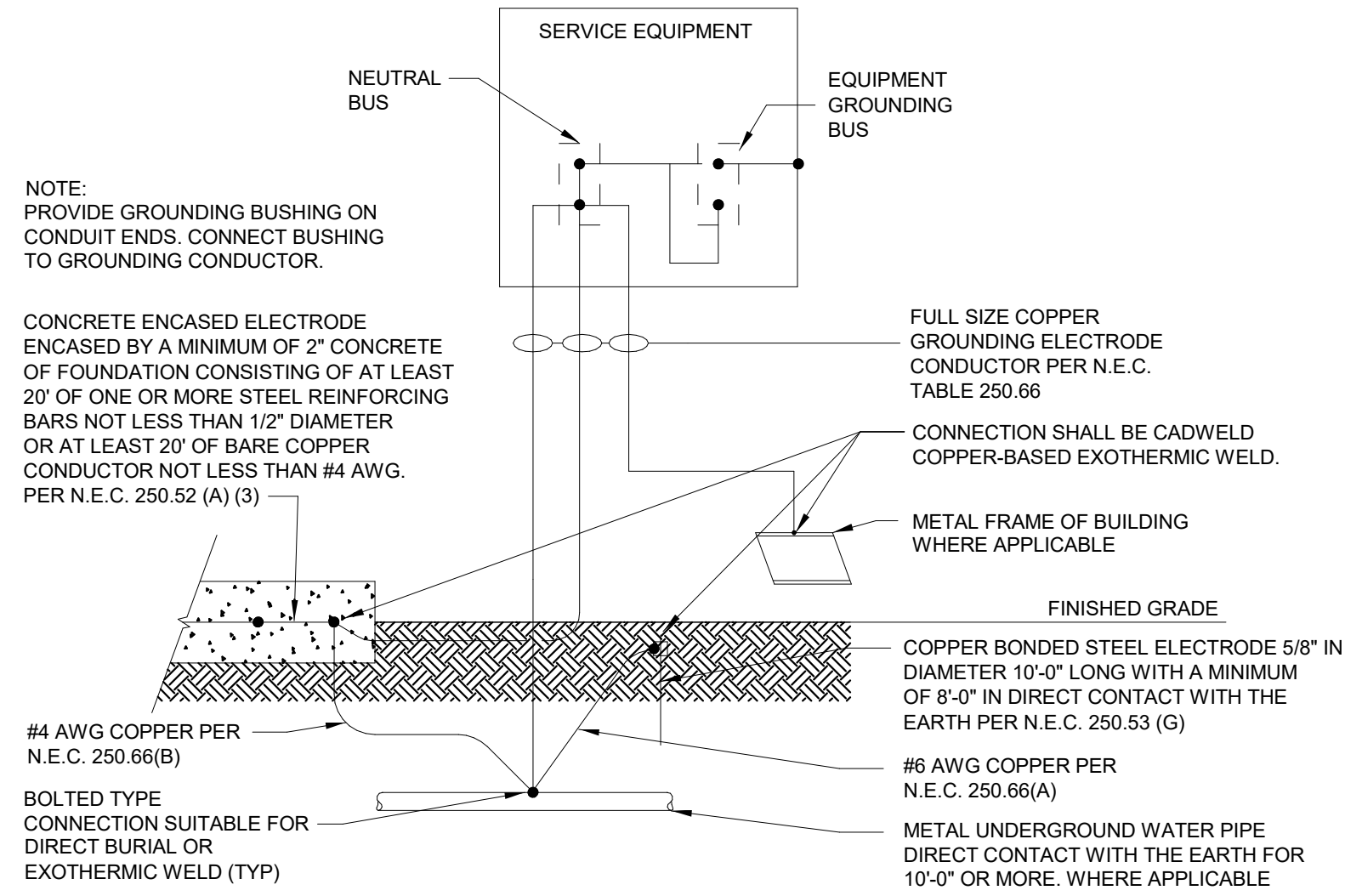
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FEEDER SCHEDULE						
FEEDER	# OF SETS	CONDUCTORS	CONDUIT SIZE	FEEDER SYMBOL	# OF SETS	CONDUCTORS
COPPER FEEDERS						
20YC	1	4#12 & 1#12 G	3/4"	-	-	-
30YC	1	4#10 & 1#10 G	3/4"	-	-	-
40YC	1	4#8 & 1#10 G	3/4"	-	-	-
50YC	1	4#6 & 1#10 G	1"	-	-	-
60YC	1	4#6 & 1#10 G	1"	-	-	-
70YC	1	4#4 & 1#8 G	1 1/4"	-	-	-
80YC	1	4#3 & 1#8 G	1 1/4"	-	-	-
90YC	1	4#2 & 1#8 G	1 1/4"	-	-	-
100YC	1	4#1 & 1#8 G	1 1/4"	-	-	-
125YC	1	4#1 & 1#6 G	1 1/2"	120YA	1	4#1/0 & 1#6 G
150YC	1	4#1/0 & 1#6 G	2"	135YA	1	4#2/0 & 1#6 G
175YC	1	4#2/0 & 1#6 G	2"	150YA	1	4#3/0 & 1#6 G
200YC	1	4#3/0 & 1#6 G	2"	180YA	1	4#4/0 & 1#6 G
225YC	1	4#4/0 & 1#4 G	2 1/2"	200YA	1	4-250KCM & 1#6 G
250YC	1	4-250KCM & 1#4 G	2 1/2"	225YA	1	4-300KCM & 1#4 G
300YC	1	4-350KCM & 1#4 G	3"	250YA	1	4-350KCM & 1#4 G
350YC	1	4-500KCM & 1#3 G	3 1/2"	300YA	1	4-500KCM & 1#4 G
400YC	1	4-600KCM & 1#3 G	4"	350YA	2	4#4/0 & 1#3 G
450YC	2	4#4/0 & 1#2 G	2 1/2"	400YA	2	4-250KCM & 1#3 G
500YC	2	4-250KCM & 1#2 G	2 1/2"	500YA	2	4-350KCM & 1#2 G
600YC	2	4-350KCM & 1#1 G	3"	600YA	2	4-500KCM & 1#1 G
700YC	2	4-500KCM & 1#1/0 G	3 1/2"	700YA	3	4-300KCM & 1#1/0 G
800YC	2	4-600KCM & 1#1/0 G	3 1/2"	800YA	3	4-400KCM & 1#1/0 G
1000YC	3	4-400KCM & 1#2/0 G	4"	1000YA	4	4-350KCM & 1#2/0 G
1200YC	3	4-600KCM & 1#3/0 G	4"	1200YA	4	4-500KCM & 1#3/0 G
1600YC	4	4-600KCM & 1#4/0 G	4"	1600YA	5	4-600KCM & 1#4/0 G
2000YC	5	4-600KCM & 1#250 G	4"	2000YA	6	4-600KCM & 1#250 G
2500YC	6	4-600KCM & 1#350 G	4"	2500YA	8	3-600KCM & 1#350 G
3000YC	8	4-500KCM & 1#400 G	4"	-	-	-
4000YC	10	4-600KCM & 1#500 G	4"	-	-	-

- NOTES:
- ELECTRICAL CONTRACTOR TO VERIFY CONDUIT SIZE REQUIRED IF WIRE TYPES OTHER THAN THOSE LISTED ABOVE ARE USED.
  - 600 KCM FEEDERS SHALL BE COORDINATED WITH PROPER TERMINATION LUGS OR PROVIDED WITH PIGTAIL ADAPTERS AS REQUIRED TO COORDINATE WITH STANDARD BREAKER LUG SIZES.
  - SEE SPECIFICATIONS FOR ACCEPTABLE CONDUCTOR TYPES.

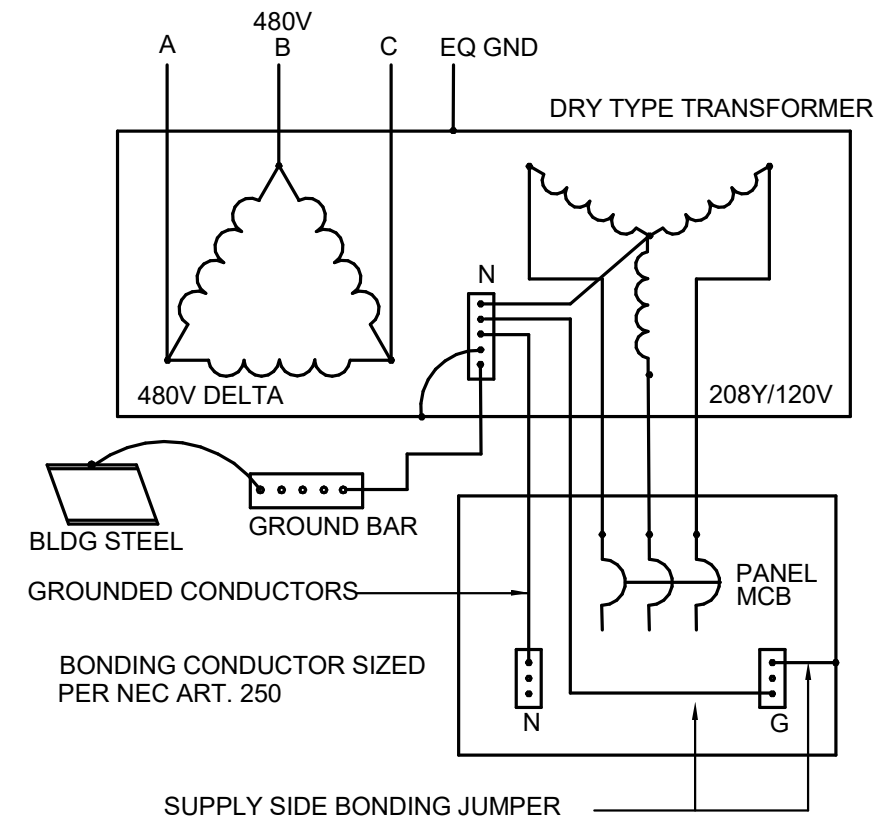
DRY TYPE TRANSFORMER SCHEDULE							
PRIMARY				SECONDARY			
480 V, THREE PHASE				120/208 V, THREE PHASE, FOUR WIRE			
SIZE	KVA	PRIMARY BREAKER	FEEDER	SECONDARY AMPS	BREAKER	FEEDER	GROUNDING
T9	9	11	20A, 3P	3#12 & 1#12 G - 3/4" C.	25	30A, 3P	4#10 & 1#10 G - 3/4" C.
T15	15	18	30A, 3P	3#10 & 1#10 G - 3/4" C.	42	60A, 3P	4#6 & 1#10 G - 1" C.
T30	30	36	50A, 3P	3#8 & 1#10 G - 3/4" C.	83	100A, 3P	4#2 & 1#8 G - 1 1/4" C.
T45	45	54	70A, 3P	3#4 & 1#8 G - 1" C.	125	150A, 3P	4#1/0 & 1#6 G - 2" C.
T75	75	90	125A, 3P	3#1 & 1#6 G - 1 1/4" C.	208	250A, 3P	4#250 KCM & 1#4 G - 2 1/2" C.
T112	112	135	175A, 3P	3#2/0 & 1#6 G - 2" C.	313	400A, 3P	2[4#3/0 KCM & 1#3 G] - 2 1/2" C.
T150	150	181	225A, 3P	3#4/0 & 1#4 G - 2" C.	417	500A, 3P	2[4#250 KCM & 1#2 G] - 2 1/2" C.
T225	225	271	350A, 3P	3#500 KCM & 1#3 G - 3 1/2" C.	625	800A, 3P	2[4#600 KCM & 1#1/0 G] - 3 1/2" C.
T300	300	361	450A, 3P	2[3#4/0 KCM & 1#2 G] - 2 1/2" C.	833	1000A, 3P	3[4#400 KCM & 1#2/0 G] - 3" C.
T500	500	602	800A, 3P	2[3#500 KCM & 1#1/0 G] - 3" C.	1389	1600A, 3P	4[4#500 KCM & 1#4/0 G] - 3 1/2" C.

- TRANSFORMER NOTES:
- SECONDARY OVERCURRENT PROTECTION SHALL BE LOCATED WITHIN TEN (10) FEET OF THE TRANSFORMER. SECONDARY TERMINALS EITHER IN A PANELBOARD (MAIN BREAKER) OR A INDIVIDUALLY MOUNTED CIRCUIT BREAKER.
  - ALL CONDUCTOR SIZES ARE BASED ON NEC TABLE 310.15(B)(16).
  - TRANSFORMER BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR (COPPER CONDUCTORS), BOND THE NEUTRAL OF THE TRANSFORMER SECONDARY TO THE TRANSFORMER CASE WITH BONDING JUMPER. GROUND THE CASE OF THE TRANSFORMER WITH THE GROUNDING ELECTRODE CONDUCTOR PER NEC 250.68.



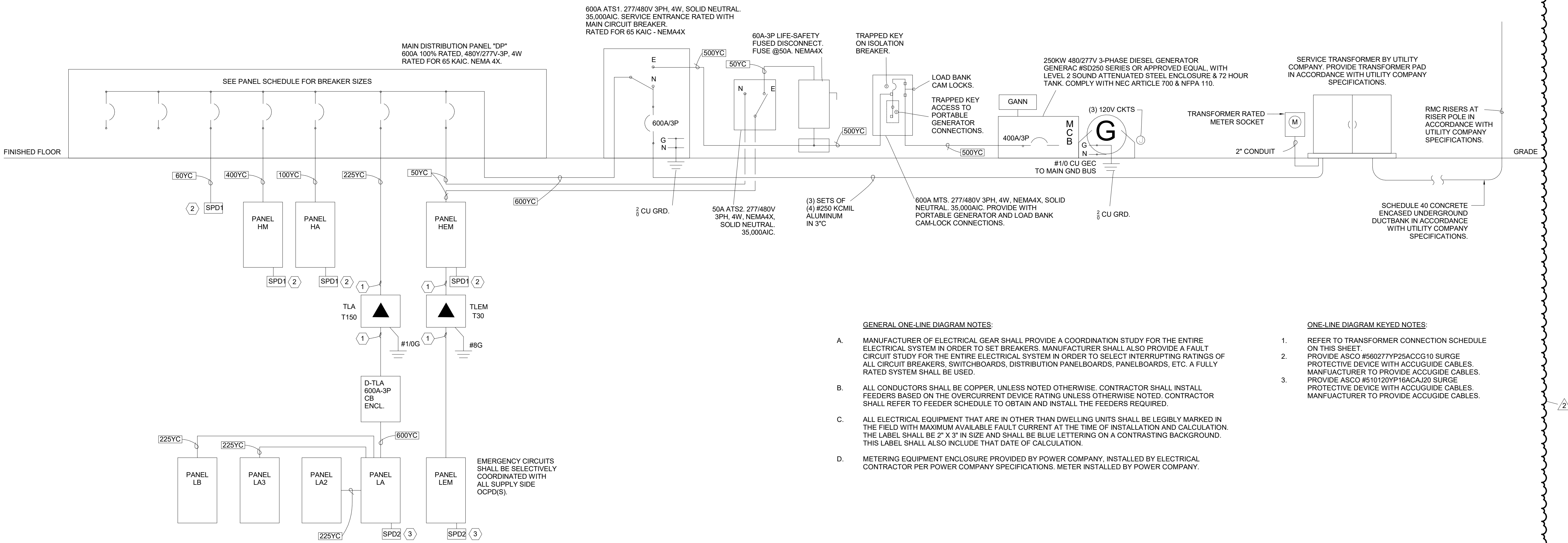
## 2 GROUNDING DETAIL

NOT TO SCALE



## 3 TRANSFORMER GROUNDING DETAIL

NOT TO SCALE



### GENERAL ONE-LINE DIAGRAM NOTES:

- MANUFACTURER OF ELECTRICAL GEAR SHALL PROVIDE A COORDINATION STUDY FOR THE ENTIRE ELECTRICAL SYSTEM IN ORDER TO SET BREAKERS. MANUFACTURER SHALL ALSO PROVIDE A FAULT CIRCUIT STUDY FOR THE ENTIRE ELECTRICAL SYSTEM IN ORDER TO SELECT INTERRUPTING RATINGS OF ALL CIRCUIT BREAKERS, SWITCHBOARDS, DISTRIBUTION PANELBOARDS, PANELBOARDS, ETC. A FULLY RATED SYSTEM SHALL BE USED.
- ALL CONDUCTORS SHALL BE COPPER, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL INSTALL FEEDERS BASED ON THE OVERCURRENT DEVICE RATING UNLESS OTHERWISE NOTED. CONTRACTOR SHALL REFER TO FEEDER SCHEDULE TO OBTAIN AND INSTALL THE FEEDERS REQUIRED.
- ALL ELECTRICAL EQUIPMENT THAT ARE IN OTHER THAN DWELLING UNITS SHALL BE LEGIBLY MARKED IN THE FIELD WITH MAXIMUM AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION. THE LABEL SHALL BE 2" X 3" IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND. THIS LABEL SHALL ALSO INCLUDE THAT DATE OF CALCULATION.
- METERING EQUIPMENT ENCLOSURE PROVIDED BY POWER COMPANY. INSTALLED BY ELECTRICAL CONTRACTOR PER POWER COMPANY SPECIFICATIONS. METER INSTALLED BY POWER COMPANY.

### ONE-LINE DIAGRAM KEYED NOTES:

- REFER TO TRANSFORMER CONNECTION SCHEDULE ON THIS SHEET.
- PROVIDE ASCO #50277YP25ACCG10 SURGE PROTECTIVE DEVICE WITH ACCUGUIDE CABLES. MANUFACTURER TO PROVIDE ACCUGUIDE CABLES.
- PROVIDE ASCO #510120YP16ACA120 SURGE PROTECTIVE DEVICE WITH ACCUGUIDE CABLES. MANUFACTURER TO PROVIDE ACCUGUIDE CABLES.

## 1 ONE LINE DIAGRAM

NOT TO SCALE

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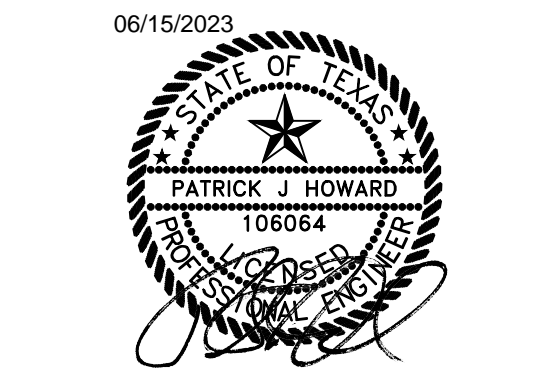
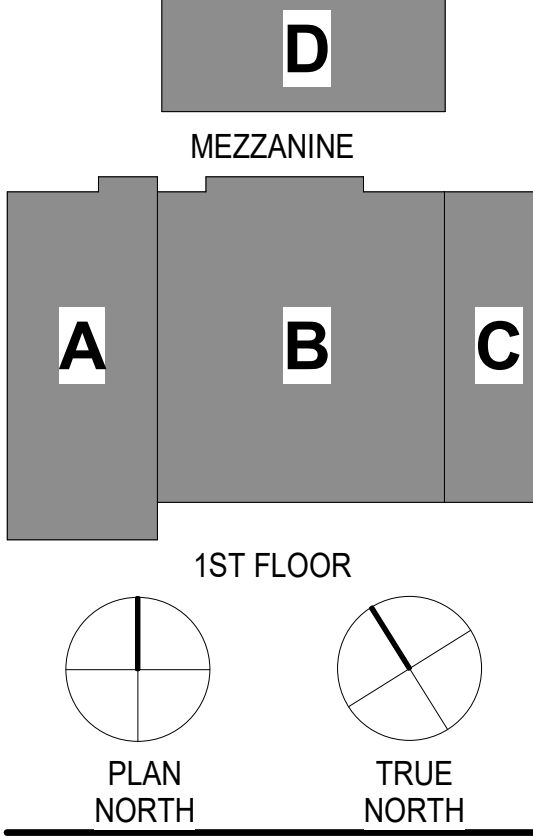
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## CITY OF PORT ARANSAS PUBLIC SAFETY CENTER PORT ARANSAS, TEXAS



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Sheet Title:  
**ELECTRICAL  
ONE-LINE DIAGRAM**



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EQUIPMENT CONNECTION SCHEDULE															Comments
Unit Mark	Equipment Type	HP	Level	FLA	MCA	MOCIP	Panel	Circuit	Electrical Data	Starter	Disconnect	Wire	Conduit		
AHU-1	AIR HANDLING UNIT	2.3	MEZZANINE	19.0 A	24.0 A	25 A	HM	2.4,6	480 V/3-15778 VA	W/UNIT	30A-3P NEMA1	10	0.75		
AHU-2	AIR HANDLING UNIT	(2) 2	MEZZANINE	5.0 A	20.0 A	15 A	HM	8,10,12	480 V/3-4152 VA	W/UNIT	30A-3P NEMA1	12	0.5		
AHU-3	AIR HANDLING UNIT	(2) 2	MEZZANINE	5.0 A	20.0 A	15 A	HM	14,16,18	480 V/3-4152 VA	W/UNIT	30A-3P NEMA1	12	0.5		
BL-1	BACKLIT SIGN		GRADE	10.0 A	20.0 A	20 A	LA	43	120 V/1-1200 VA			12	0.5	LED LIGHTS AND DRIVER PROVIDED BY OTHERS. ROUTE CIRCUIT THROUGH LIGHTING RELAY PANEL WITH PHOTOCELL CONTROL AND TIMECLOCK.	
BP-1	BOOSTER PUMP	(2) @ 5	FIRST FLOOR	14.8 A	20.0 A	20 A	HM	52,54,56	480 V/3-12290 VA	W/UNIT	W/UNIT	12	0.5		
CU-1	CONDENSING UNIT		MEZZANINE	21.0 A	23.0 A	30 A	HM	20,22,24	480 V/3-17438 VA	W/UNIT	W/UNIT	10	0.75		
CU-2	CONDENSING UNIT		MEZZANINE	52.0 A	56.0 A	70 A	HM	26,28,30	480 V/3-43181 VA	W/UNIT	W/UNIT	4	1.25		
CU-3	CONDENSING UNIT		MEZZANINE	37.0 A	41.0 A	50 A	HM	32,34,36	480 V/3-30725 VA	W/UNIT	W/UNIT	6	1		
DWE-1	DUMBWATER ELEVATOR		FIRST FLOOR	16.0 A	20.0 A	0 A	LA	39	120 V/1-1920 VA	W/UNIT	30A-1P NEMA1	12	0.5		
EEW-1	EMERGENCY EYE WASH		GRADE	16.0 A	20.0 A	20 A	LA	41	120 V/1-1920 VA	W/UNIT	W/UNIT	12	0.5	HEAT TRACE CIRCUIT FOR EYE WASH STATION. INSTALL PER MANUFACTURERS INSTRUCTIONS.	
EF-1	EXHAUST FAN	0.1	FIRST FLOOR	0.3 A	20.0 A	15 A	LA	29	120 V/1-36 VA	MRTS	MRTS	12	0.5		
EF-2	EXHAUST FAN	0.1	FIRST FLOOR	0.3 A	20.0 A	15 A	LA	31	120 V/1-36 VA	MRTS	MRTS	12	0.5		
EF-3	EXHAUST FAN	1/2	FIRST FLOOR	4.9 A	20.0 A	15 A	LA	25,27	208 V/2-1019 VA	MRTS	MRTS	12	0.5		
EF-4	EXHAUST FAN	1/3	MEZZANINE	3.6 A	20.0 A	15 A	LA	13,15	208 V/2-749 VA	MRTS	MRTS	12	0.5		
EF-5	EXHAUST FAN	1/2	MEZZANINE	4.9 A	20.0 A	15 A	LA	17,19	208 V/2-1019 VA	MRTS	MRTS	12	0.5		
GCD-1	GAS CLOTHES DRYER		FIRST FLOOR	13.8 A	20.0 A	15 A	LA	37	120 V/1-1656 VA	W/UNIT	30A-1P NEMA1	12	0.5		
GO-1	GATE OPERATOR	1	GRADE	16.0 A	20.0 A	40 A	LA2	45	120 V/1-1920 VA	MRTS	MRTS	10	0.75	VERIFY LOCATION. ROUTE ADDITIONAL CONDUIT TO KEYPAD, SENSORS, AND OTHER DEVICES AS REQUIRED.	
GO-2	GATE OPERATOR	1	GRADE	16.0 A	20.0 A	40 A	LA2	47	120 V/1-1920 VA	MRTS	MRTS	10	0.75	VERIFY LOCATION. ROUTE ADDITIONAL CONDUIT TO KEYPAD, SENSORS, AND OTHER DEVICES AS REQUIRED.	
H-1	KITCHEN EXHAUST HOOD		FIRST FLOOR	12.0 A	20.0 A	15 A	LA	45	120 V/1-1440 VA	W/UNIT	W/UNIT	12	0.5	PROVIDE CONDUITS & JUNCTION BOXES FOR MANUAL PULL STATION, GAS DISCONNECT CABLES, USER INTERFACE CABLE, SHUT OFF ASSEMBLY VALVE POWER, & GASS SHUT OFF ASSEMBLY BOX. COORDINATE MOUNTING HEIGHTS WITH ARCHITECT. INSTALL PER MANUFACTURES INSTRUCTIONS. HOOD POWERS FAN.	
MPS-1	MOTORIZED PROJECTION SCREEN		FIRST FLOOR	11.0 A	20.0 A	15 A			208 V/2-2288 VA	W/UNIT		12	0.5	INSTALL CONTROLS PROVIDED WITH UNIT.	
MS-1	MINI-SPLIT INDOOR UNIT		FIRST FLOOR	0.0 A	20.0 A	0 A	LB	1,3	208 V/2-0 VA	W/UNIT		12	0.5	CONNECT TO OUTDOOR UNIT	
MS-2	MINI-SPLIT INDOOR UNIT		FIRST FLOOR	0.0 A	20.0 A	0 A	LB	5,7	208 V/2-0 VA	W/UNIT		12	0.5	CONNECT TO OUTDOOR UNIT	
MS-3	MINI-SPLIT INDOOR UNIT		FIRST FLOOR	0.0 A	20.0 A	0 A	LA	59,61	208 V/2-0 VA	W/UNIT		12	0.5	CONNECT TO OUTDOOR UNIT	
MS-4	MINI-SPLIT INDOOR UNIT		FIRST FLOOR	0.0 A	20.0 A	0 A	LA	63,65	208 V/2-0 VA	W/UNIT		12	0.5	CONNECT TO OUTDOOR UNIT	
MSCU-01	MINI-SPLIT CONDENSING UNIT		MEZZANINE	15.2 A	19.0 A	30 A	LB	1,3	208 V/2-3162 VA	W/UNIT	30A-2P NEMA3R	12	0.5	CONNECT TO INDOOR UNIT	
MSCU-02	MINI-SPLIT CONDENSING UNIT		MEZZANINE	7.4 A	10.0 A	15 A	LB	5,7	208 V/2-1539 VA	W/UNIT	30A-2P NEMA3R	12	0.5	CONNECT TO INDOOR UNIT	
MSCU-03	MINI-SPLIT CONDENSING UNIT		MEZZANINE	7.4 A	10.0 A	15 A	LA	59,61	208 V/2-1539 VA	W/UNIT	30A-2P NEMA3R	12	0.5	CONNECT TO INDOOR UNIT	
MSCU-04	MINI-SPLIT CONDENSING UNIT		MEZZANINE	15.2 A	19.0 A	30 A	LA	63,65	208 V/2-3162 VA	W/UNIT	30A-2P NEMA3R	12	0.5	CONNECT TO INDOOR UNIT	
PTP-1	P-TRAP PRIMER		MEZZANINE	2.0 A	20.0 A	15 A	LA	21,23	208 V/2-416 VA	MRTS	MRTS	12	0.5		
PTP-2	P-TRAP PRIMER		MEZZANINE	2.0 A	20.0 A	15 A	LA	21,23	208 V/2-416 VA	MRTS	MRTS	12	0.5		
RCF-1	RECIRCULATING PUMP	1/8	MEZZANINE	4.2 A	5.3 A	15 A	LA	3	120 V/1-604 VA	MRTS	MRTS	12	0.5		
RT-1	RADIO TOWER		GRADE	16.0 A	20.0 A	20 A	LA2	43	120 V/1-1920 VA			10	0.75	VERIFY LOCATION.	
RV-1	RV PEDESTAL		GRADE	80.0 A	100.0 A	100 A	LA2	49,51	208 V/2-16640 VA		PANEL	1	2	PROVIDE MIDWEST PARKMATE RV PEDESTAL VPKJHAAT WITH GALVANIZED STAND. INSTALL PER MANUFACTURERS INSTRUCTIONS. PROVIDE NEUTRAL WIRE.	
UH-1	ELECTRIC UNIT HEATER		FIRST FLOOR	12.0 A	20.0 A	20 A	HA	1	277 V/1-3324 VA	W/UNIT		12	0.5		
VAV 2-1	FAN POWERED VAV	1/3	FIRST FLOOR	7.5 A	11.8 A	15 A	HM	1	277 V/1-2078 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-2	FAN POWERED VAV	1/3	FIRST FLOOR	13.4 A	18.5 A	20 A	HM	3	277 V/1-3712 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-3	FAN POWERED VAV	1/3	FIRST FLOOR	13.5 A	18.5 A	20 A	HM	5	277 V/1-3740 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-4	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	7	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-5	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	9	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-6	FAN POWERED VAV	1/3	FIRST FLOOR	9.3 A	14.0 A	15 A	HM	11	277 V/1-2576 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-7	FAN POWERED VAV	1/3	FIRST FLOOR	12.9 A	16.8 A	20 A	HM	13,15,17	480 V/3-10712 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-8	FAN POWERED VAV	1/3	FIRST FLOOR	9.3 A	14.0 A	15 A	HM	19	277 V/1-2576 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-9	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	21	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-10	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	23	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-11	FAN POWERED VAV	1/3	FIRST FLOOR	11.4 A	16.3 A	20 A	HM	25	277 V/1-3158 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-12	FAN POWERED VAV	1/3	FIRST FLOOR	9.3 A	14.0 A	15 A	HM	27	277 V/1-2576 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-13	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	29	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 2-14	FAN POWERED VAV	1/3	FIRST FLOOR	11.6 A	16.0 A	20 A	HM	31,33,35	480 V/3-9633 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-1	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	37	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-2	FAN POWERED VAV	1/3	FIRST FLOOR	7.5 A	11.8 A	15 A	HM	39	277 V/1-2078 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-3	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	41	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-4	FAN POWERED VAV	1/3	FIRST FLOOR	7.4 A	11.8 A	15 A	HM	43	277 V/1-2050 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-5	FAN POWERED VAV	1/3	FIRST FLOOR	16.6 A	23.0 A	25 A	HM	45	277 V/1-4598 VA	W/UNIT	W/UNIT	10	0.75		
VAV 3-6	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	47	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-7	FAN POWERED VAV	1/3	FIRST FLOOR	16.7 A	23.0 A	25 A	HM	49	277 V/1-4626 VA	W/UNIT	W/UNIT	10	0.75		
VAV 3-8	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	51	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-9	FAN POWERED VAV	1/3	FIRST FLOOR	7.5 A	11.8 A	15 A	HM	53	277 V/1-2078 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-10	FAN POWERED VAV	1/3	FIRST FLOOR	13.5 A	19.5 A	20 A	HM	55,57,59	480 V/3-11210 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-11	FAN POWERED VAV	1/3	FIRST FLOOR	7.5 A	11.8 A	15 A	HM	58	277 V/1-2078 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-12	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	40	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-13	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	42	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-14	FAN POWERED VAV	1/3	FIRST FLOOR	5.6 A	9.5 A	15 A	HM	44	277 V/1-1551 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-15	FAN POWERED VAV	1/3	FIRST FLOOR	11.4 A	16.3 A	20 A	HM	46	277 V/1-3158 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-16	FAN POWERED VAV	1/3	FIRST FLOOR	7.4 A	11.8 A	15 A	HM	48	277 V/1-2050 VA	W/UNIT	W/UNIT	12	0.5		
VAV 3-17	FAN POWERED VAV	1/3	FIRST FLOOR	7.5 A	11.8 A	15 A	HM	50	277 V/1-2078 VA	W/UNIT	W/UNIT	12	0.5		
WH-1	WATER HEATER		MEZZANINE	2.0 A	20.0 A	15 A	LA	1	120 V/1-240 VA		PLUG	12	0.5		
WM-1	WASHING MACHINE		FIRST FLOOR	11.0 A	20.0 A	15 A	LA	33,35	208 V/2-2288 VA	W/UNIT	30A-2P NEMA1	12	0.5		



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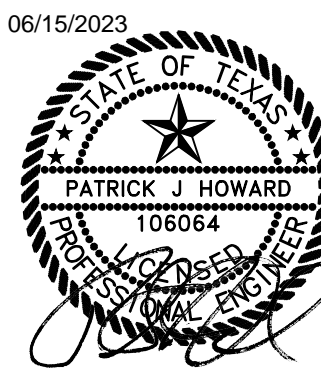
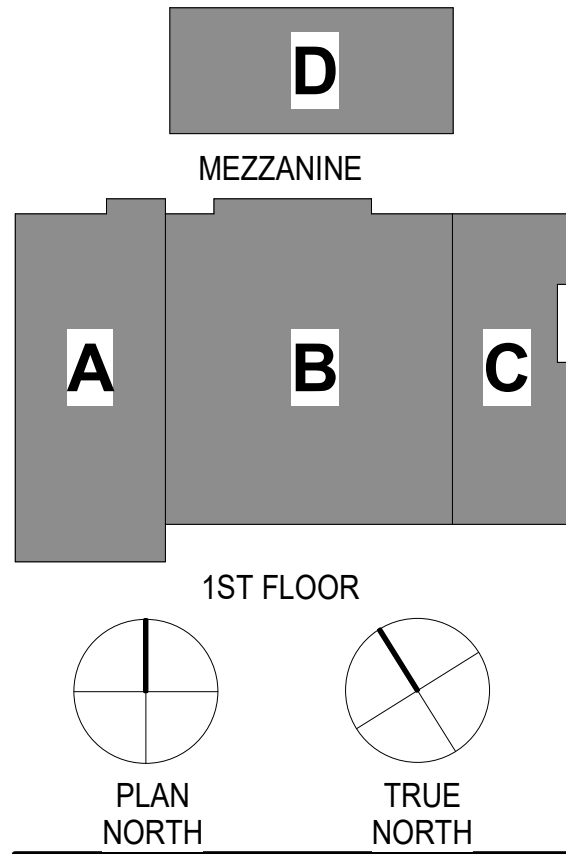
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LANDSCAPE / IRRIGATION:

**CITY OF PORT  
ARANSAS  
PUBLIC SAFETY  
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PORT ARANSAS,  
TEXAS**

Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: Author  
Checked: Checker

Revisions:

No.	Description	Date
2	Appendix #2	06/15/23

Sheet Title:

**PANEL SCHEDULES**

Panelboard HM										Existing			
480/277 Wye Volt, 3 Phase, 4 Wire				Mains Type:		400 A MLO 400 A BUS (Copper)		X Single Double Feed - Thru		X Mounting X Surface Flush			
1 Section 1 - Nema Rating				Description		Type		Description		Type			
NOTE	Load (VA)	Type	Description	CB	CKT	CB	Description	Type	Load (VA)	NOTE			
2078 VA	H		VAV 2-1 - A102	15 A	1 2	25 A	AHU-1 - MEZZANINE	MT	15778 VA				
3712 VA	H		VAV 2-2 - A109	20 A	3 4								
3740 VA	H		VAV 2-3 - B101	20 A	5 6								
1551 VA	H		VAV 2-4 - A104	15 A	7 8	15 A	AHU-2 - MEZZANINE	MT	4152 VA				
1551 VA	H		VAV 2-5 - A103	15 A	9 10								
2576 VA	H		VAV 2-6 - A109	15 A	11 12								
10712 VA	H		VAV 2-7 - A108	20 A	13 14	15 A	AHU-3 - MEZZANINE	MT	4152 VA				
					15 16								
					17 18								
2576 VA	H		VAV 2-8 - A118	15 A	19 20	30 A	CU-1 - MEZZANINE	MT	17438 VA				
1551 VA	H		VAV 2-9 - A117	15 A	21 22								
1551 VA	H		VAV 2-10 - A124	15 A	23 24								
3158 VA	H		VAV 2-11 - A122	20 A	25 26	70 A	CU-2 - MEZZANINE	MT	43181 VA				
2576 VA	H		VAV 2-12 - B129	15 A	27 28								
1551 VA	H		VAV 2-13 - B129	15 A	29 30								
9633 VA	H		VAV 2-14 - B117	20 A	31 32	50 A	CU-3 - MEZZANINE	MT	30725 VA				
					33 34								
					35 36								
1551 VA	H		VAV 3-1 - B106	15 A	37 38	15 A	VAV 3-11 - B123	H	2078 VA				
2078 VA	H		VAV 3-2 - B107	15 A	39 40		VAV 3-12 - B122	H	1551 VA				
1551 VA	H		VAV 3-3 - C101	15 A	41 42		VAV 3-13 - B111	H	1551 VA				
2050 VA	H		VAV 3-4 - C100	15 A	43 44	15 A	VAV 3-14 - B118	H	1551 VA				
4598 VA	H		VAV 3-5 - C103	25 A	45 46	20 A	VAV 3-15 - B113	H	3158 VA				
1551 VA	H		VAV 3-6 - C110	15 A	47 48	15 A	VAV 3-16 - B105	H	2050 VA				
4626 VA	H		VAV 3-7 - C109	25 A	49 50	15 A	VAV 3-17 - B104	H	2078 VA				
1551 VA	H		VAV 3-8 - C108	15 A	51 52	20 A	BP-1 - C116	MT	12290 VA				
2078 VA	H		VAV 3-9 - C112	15 A	53 54								
11210 VA	H		VAV 3-10 - C117	20 A	55 56								
					57 58								
					59 60								
--	0 VA	--	SPD	60 A	61 62	20 A	SPARE	--	0 VA	--			
					63 64								
					65 66								
N.E.C. (2020)				210.20(a)		Load Type		Conn.		Fct.		Diversity	
220.44 (R)Receptacle						(L)Lighting							
220.56 (K)Kitchen						(E)Ext. Ltg.							
220.60 (C)Cooling						(E)Elevators							
220.60 (H)Heating				95376 VA		(WH)Wat. Htr.							
220.60 (F)Fans						(MT)Lrg. Motor		127716 VA		108.45%		138511 VA	
220.60 (M)Misc.						(SP)Sub Pnl.							
630.00 (W)Welder													
Total Connected Load:				223092 VA		VA = 268 A							
Total Load (Diversified):				233887 VA		VA = 281 A							
Location of Panel: Space 105													
Notes:													

Panelboard LA3										10kA AIC Rating	
										X New	
										Existing	
120/208 Wye Volt, 3 Phase, 4 Wire				Mains Type:		MLO 225 A BUS (Copper)		X Single Double Feed - Thru		Mounting X Surface Flush	
1 Section 1 - Nema Rating											
NOTE	Load (VA)	Type	Description	CB	CKT	CB	Description	Type	Load (VA)	NOTE	
720 VA	R		RCPT - A122	20 A	1 2	20 A	RCPT - COPIER - A101	R	180 VA		
900 VA	R		RCPT - A122	20 A	3 4	20 A	RCPT - COUNTER - A104	R	180 VA		
720 VA	R		RCPT - A122	20 A	5 6	20 A	RCPT - COUNTER - A104	R	180 VA		
720 VA	R		RCPT - A122	20 A	7 8	225 A	RCPT - A105, A111, A104	R	540 VA		
180 VA	R		RCPT - COUNTER - A122	20 A	9 10	20 A	RCPT - A100	R	900 VA		
180 VA	R		RCPT - FRIDGE - A122	20 A	11 12	20 A	RCPT - A100	R	900 VA		
720 VA	R		RCPT - A121, A122, A116, B130	20 A	13 14	20 A	RCPT - A108	R	540 VA		
180 VA	R		RCPT - EXTERIOR	20 A	15 16	20 A	RCPT - FLOOR BOX - A108	R	360 VA		
900 VA	R		RCPT - A124	20 A	17 18	20 A	RCPT - FLOOR BOX - A108	R	360 VA		
900 VA	R		RCPT - A119	20 A	19 20	20 A	RCPT - FLOOR BOX - A108	R	360 VA		
720 VA	R		RCPT - A118	20 A	21 22	20 A	RCPT - A108	R	1080 VA		
900 VA	R		RCPT - A118	20 A	23 24	20 A	RCPT - TVS - A108	R	360 VA		
360 VA	R		RCPT - A117, A120	20 A	25 26	20 A	RCPT - TVS - A108	R	540 VA		
180 VA	R		RCPT - EXTERIOR	20 A	27 28	20 A	RCPT - TVS - A108	R	540 VA		
900 VA	R		RCPT - A110	20 A	29 30	20 A	SPARE	--	0 VA	--	
1080 VA	R		RCPT - A110	20 A	31 32	20 A	SPARE	--	0 VA	--	
900 VA	R		RCPT - A109	20 A	33 34	20 A	SPARE	--	0 VA	--	
900 VA	R		RCPT - A103	20 A	35 36	20 A	SPARE	--	0 VA	--	
1080 VA	R		RCPT - A102	20 A	37 38	20 A	SPARE	--	0 VA	--	
720 VA	R		RCPT - A102	20 A	39 40	20 A	SPARE	--	0 VA	--	
--	0 VA	--	SPARE	20 A	41 42	20 A	SPARE	--	0 VA	--	
N.E.C. (Fct.)	Load Type	Conn.	Fct.	Diversity	N.E.C. (2020)	Load Type	Conn.	Fct.	Diversity		
220.44	(R)Receptacle	20880 VA	73.95%	15440 VA	210.20(a)	(L)Lighting					
220.56	(K)Kitchen			0 VA	620.14	(E)Ext. Ltg.					
220.60	(C)Cooling					(E)Elevators					
220.60	(H)Heating					(WH)Wat. Htr.					
220.60	(F)Fans					(MT)Lrg. Motor					
	(M)Misc.				220.5	(SP)Sub Pnl.					
630.00	(W)Welder										
Total Connected Load:				20880 VA	VA = 58 A	Location of Panel: Space 105					
Total Load (Diversified):				15440 VA	VA = 43 A						
Notes:											

Panelboard HA										Existing	
480/277 Wye Volt, 3 Phase, 4 Wire				Mains Type:		MCB 125 A BUS (Copper)		X Single Double Feed - Thru		Mounting X Surface Flush	
1 Section 1 - Nema Rating				Description		CB		CKT		CB	
NOTE	Load (VA)	Type	Description	CB	CKT	CB	Description	Type	Load (VA)	NOTE	
	3324 VA	H	EUH-1 - C116	15 A	1 2	20 A	SPARE	--	0 VA	--	
	1248 VA	L	INTERIOR LIGHTING - EAST	20 A	3 4	20 A	SPARE	--	0 VA	--	
	375 VA	L	INTERIOR LIGHTING - JAIL	20 A	5 6	20 A	SPARE	--	0 VA	--	
	1252 VA	L	INTERIOR LIGHTING - WEST	20 A	7 8	20 A	SPARE	--	0 VA	--	
	735 VA	L	LIGHTING - CORRIDORS	20 A	9 10	20 A	SPARE	--	0 VA	--	
	484 VA	EL	EXTERIOR LIGHTING	20 A	11 12	20 A	SPARE	--	0 VA	--	
	3364 VA	EL	AREA LIGHTING	20 A	13 14	20 A	SPARE	--	0 VA	--	
	180 VA	L	FLAG POLE LIGHTS - EXTERIOR	20 A	15 16	30 A	SPD	--	0 VA	--	
	186 VA	L	LIGHTING - MEZZANINE	20 A	17 18						
N.E.C. (2020)	Load Type	Conn.	Fct.	Diversity	N.E.C. (2020)	Load Type	Conn.	Fct.	Diversity		
220.44	(R)Receptacle				210.20(a)	(L)Lighting	4086 VA	125.00%		5108 VA	
220.56	(K)Kitchen					(EL)Ext. Ltg.	3849 VA	125.00%		4811 VA	
220.60	(C)Cooling				620.14	(E)Elevators					
220.60	(H)Heating	3324 VA	100.00%			(WH)Wat. Htr.					
220.60	(F)Fans					(MT)Lrg. Motor					
220.60	(M)Misc.					(SP)Sub Pnl.					
630.00	(W)Welder										
Total Connected Load:				11196 VA	VA = 13 A	Location of Panel: Space 105					
Total Load (Diversified):				13168 VA	VA = 16 A						
Notes:											

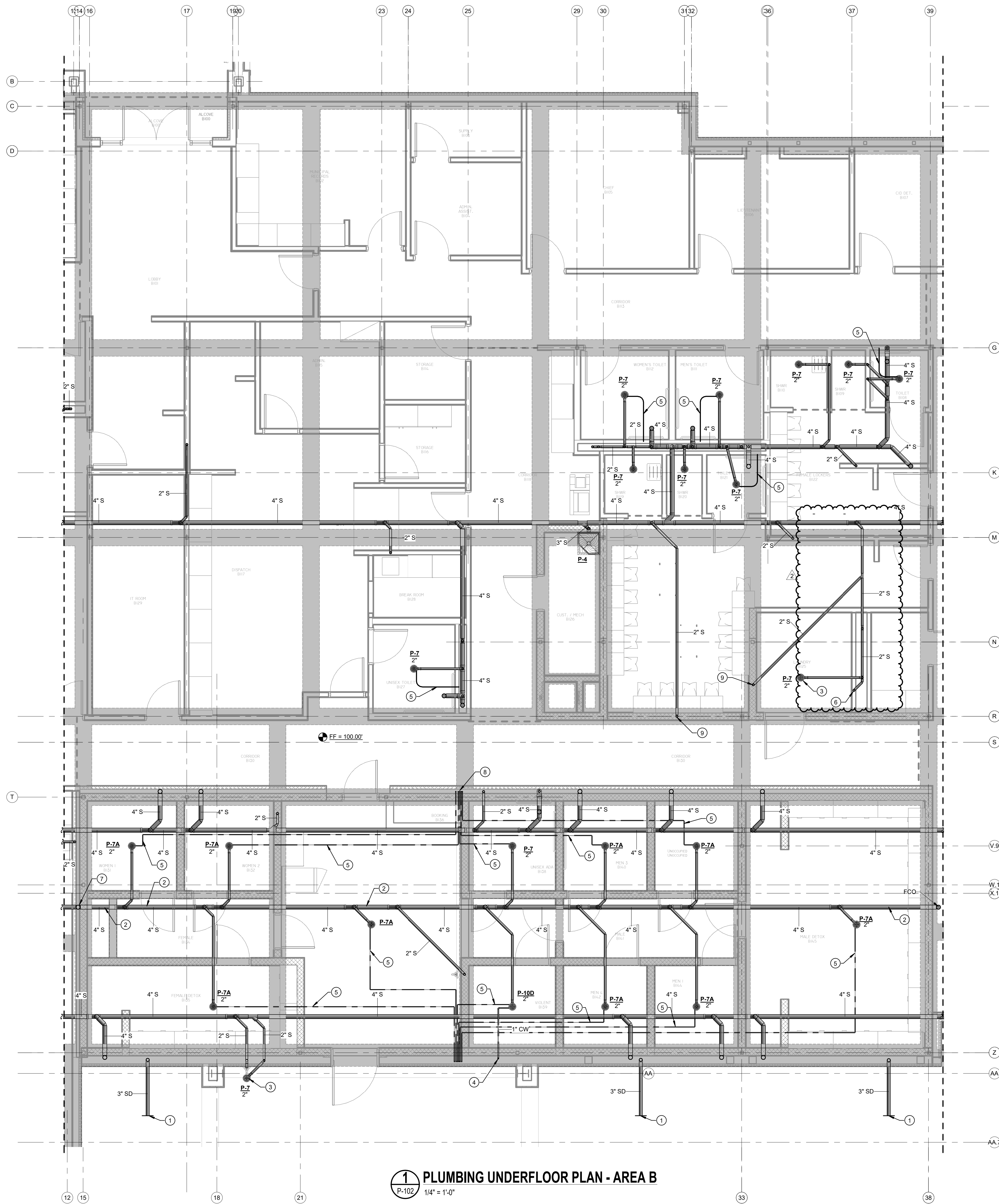
Panelboard LA									
120/208 Wye Volt, 3 Phase, 4 Wire				Mains Type:		500 A MLO 600 A BUS (Copper)		X Single Double Feed - Thru	
1 Section 1 - Nema Rating				Description		Type		Load (VA) NOTE	
NOTE	Load (VA)	Type	Description	CB	CKT	CB	Description	Type	Load (VA) NOTE
240 VA	WH		RCPT - WH-1 - D100	20 A	1 2	20 A	RCPT - C117	R	1260 VA
504 VA	MT		RCPT - RCP-1 - D100	15 A	3 4	20 A	RCPT - C116	R	360 VA
360 VA	R		RCPT - D100	20 A	5 6	20 A	RCPT - EXTERIOR	R	180 VA
360 VA	R		RCPT - D100	20 A	7 8	20 A	RCPT - C115	R	180 VA
360 VA	R		RCPT - D100	20 A	9 10	20 A	RCPT - C114	R	900 VA
180 VA	R		RCPT - D100	20 A	11 12	20 A	RCPT - C112, C111, C113	R	540 VA
749 VA	MT		EF-4 - D100	15 A	13 14	20 A	RCPT - 123, C106, EXTERIOR	R	540 VA
1019 VA	MT		EF-5 - D100	15 A	15 16	20 A	RCPT - C109	R	720 VA
832 VA	M		PTP-1 & PTP-2 - D100	20 A	17 18	20 A	RCPT - C109	R	1080 VA
1019 VA	F		EF-3 - B123	15 A	19 20	20 A	RCPT - C109	R	720 VA
36 VA	F		EF-1 - A107	15 A	21 22	20 A	RCPT - C110	R	720 VA
36 VA	F		EF-2 - A117	15 A	23 24	20 A	RCPT - C110	R	720 VA
2288 VA	M		WM-1 - B124	15 A	25 26	20 A	RCPT - EXTERIOR	R	3600 VA
1656 VA	M		GCD-1 - B124	15 A	27 28	20 A	RCPT - C100	R	360 VA
1920 VA	MT		DWE-1 - B126	20 A	29 30	20 A	RCPT - C100	R	180 VA
1920 VA	M		EEW-1 - EXTERIOR	20 A	31 32	20 A	RCPT - GAS STOVE - C100	K	180 VA
1200 VA	EL		BLLS-1 - EXTERIOR	20 A	33 34	20 A	ELECTRIC RANGE - C100	K	10000 VA
1440 VA	F		KEH-1 - C100	15 A	35 36	20 A	SPARE	--	0 VA --
900 VA	R		RCPT - C117	20 A	37 38	20 A	RCPT - MICROWAVE - C100	K	180 VA
720 VA	R		RCPT - C117	20 A	39 40	20 A	RCPT - MICROWAVE - C100	K	180 VA
720 VA	R		RCPT - C117	20 A	41 42	20 A	RCPT - MICROWAVE - C100	K	180 VA
720 VA	R		RCPT - C117	20 A	43 44	20 A	RCPT - MICROWAVE - C100	K	180 VA
180 VA	R		RCPT - C117 - PRINTER	20 A	45 46	20 A	RCPT - GARBAGE DISPOSAL	K	180 VA
1080 VA	R		RCPT - COUNTER - C117	20 A	47 48	20 A	RCPT - C100	K	180 VA
1539 VA	C		MSCU-03 - MEZZANINE	15 A	49 50	20 A	RCPT - DISHWASHER - C100	K	180 VA
3162 VA	C		MSCU-04 - MEZZANINE	30 A	51 52	20 A	RCPT - C100	K	180 VA
--	0 VA	--	SPD	30 A	53 54	20 A	RCPT - ICE MAKER - C100	K	180 VA
44720 VA	Spar e; R; W...		LA2	200 A	55 56	20 A	RCPT - FREEZER - C100	K	180 VA</







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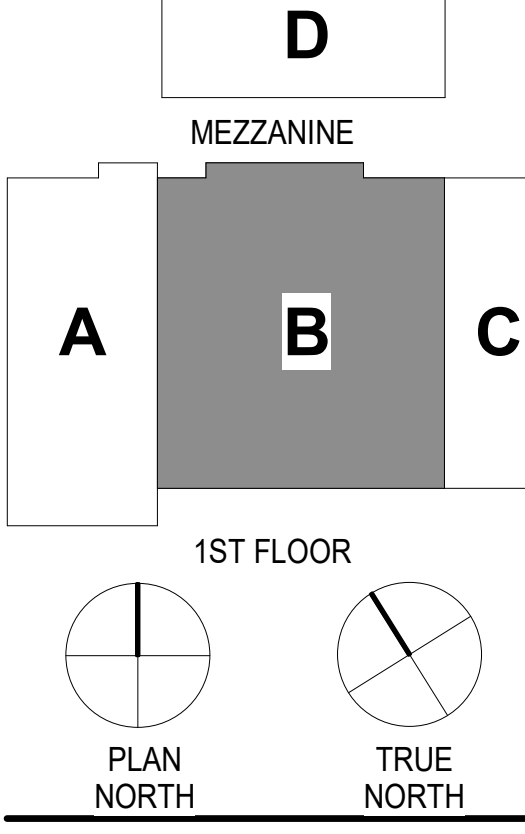
**1 PLUMBING UNDERFLOOR PLAN - AREA B**  
P-102 1/4" = 1'-0"

- GENERAL PLUMBING NOTES:**
- ALL PLUMBING WORK SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES AND AMENDMENTS.
  - ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID CONFLICT WITH THE WORK OF OTHER TRADES. COORDINATE WITH MECHANICAL, ELECTRICAL AND STRUCTURAL FOR PROPER CLEARANCES.
  - SLEEVE ALL OUTSIDE WALLS, FOUNDATION GRADE BEAMS, INTERIOR WALL PENETRATIONS, AND FIRE SEAL ALL PENETRATIONS THROUGH FIRE WALLS AND FLOOR.
  - PROVIDE MINIMUM 20 FEET OF SEPERATION BETWEEN HVAC INTAKES AND VENT THROUGH ROOFS.
  - PROVIDE SHOCK ARRESTORS ANS INDICATED ON THE DRAWINGS.
  - PROVIDE TRAP SEAL DEVICE FOR DRAINS NOT RECEIVING WATER FROM MECHANICAL TRAP PRIMER.
  - STRUCTURAL UNDERFLOOR SHOWN FOR COORDINATION ONLY.

- PLUMBING KEYED NOTES:**
- 3" PRIMARY STUB-OUT. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
  - COMBINATION WASTE AND VENT SYSTEM.
  - PROVIDE SURESEAL TRAP SEAL DEVICE.
  - 1" COLD WATER FROM ABOVE FINISHED FLOOR TO SERVE P-10D.
  - 1/2" TRAP PRIMER TUBING CAST IN THE SLAB.
  - 2" SANITARY PIPE UP TO W-10.
  - 4" TERMINAL VENT SERVING THE COMBINATION WASTE AND VENT SYSTEM.
  - 1/2" TRAP PRIMER TUBING FROM ABOVE FINISHED FLOOR.
  - 2" SANITARY DRAIN FROM ABOVE FINISHED FLOOR.



**CITY OF PORT ARANSAS  
PUBLIC SAFETY CENTER  
PORT ARANSAS, TEXAS**



Project Number:	18.22
Drawing Date:	5/18/2023
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Checked:	VO

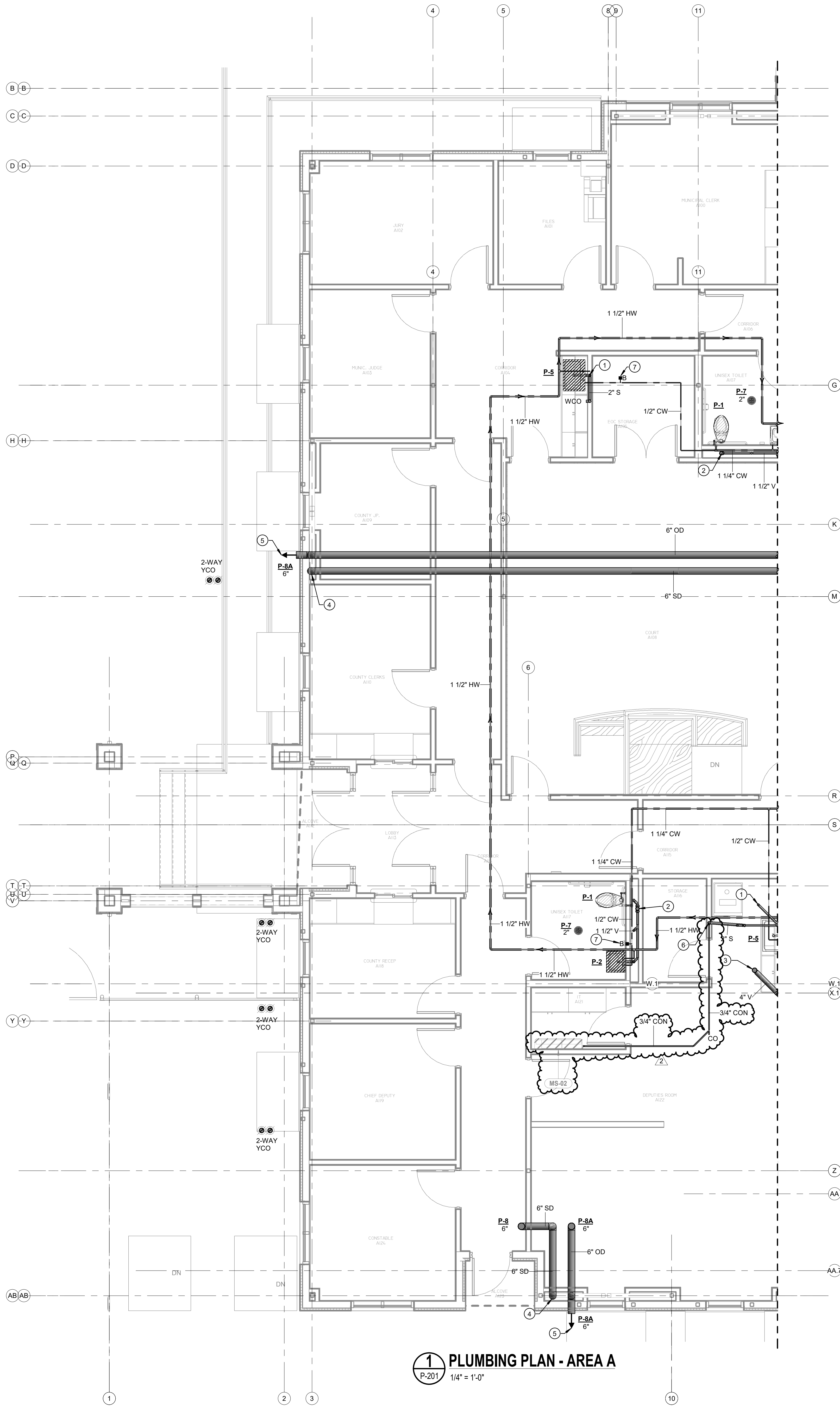
Revisions:

No.	Description	Date
2	Addenda #2	06/15/23

Sheet Title:  
**PLUMBING  
UNDERFLOOR PLAN -  
AREA B**



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**1 PLUMBING PLAN - AREA A**  
P-201 1/4" = 1'-0"

**GENERAL PLUMBING NOTES:**

- ALL PLUMBING WORK SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES AND AMENDMENTS.
- ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID CONFLICT WITH THE WORK OF OTHER TRADES. COORDINATE WITH MECHANICAL, ELECTRICAL AND STRUCTURAL FOR PROPER CLEARANCES.
- SLEEVE ALL OUTSIDE WALLS, FOUNDATION GRADE BEAMS, INTERIOR WALL PENETRATIONS, AND FIRE SEAL ALL PENETRATIONS THROUGH FIRE WALLS AND FLOOR.
- PROVIDE MINIMUM 20 FEET OF SEPERATION BETWEEN HVAC INTAKES AND VENT THROUGH ROOFS.
- PROVIDE SHOCK ARRESTORS ANS INDICATED ON THE DRAWINGS.
- PROVIDE TRAP SEAL DEVICE FOR DRAINS NOT RECEIVING WATER FROM MECHANICAL TRAP PRIMER.

**PLUMBING KEYED NOTES:**

- 1-1/2" VENT THROUGH ROOF.
- 3" VENT THROUGH ROOF.
- 4" VENT THROUGH ROOF SERVING COMBINATION WASTE AND VENT SYSTEM.
- 6" PRIMARY STORM DRAIN DOWN TO BELOW FINISHED FLOOR.
- 6" STORM DRAIN OVERFLOW TO DAYLIGHT.
- 2" CONDENSATE FROM ROOFTOP RECEPTOR DOWN TO BELOW FINISHED FLOOR.
- PROVIDE TYPE "B" SHOCK ARRESTOR.

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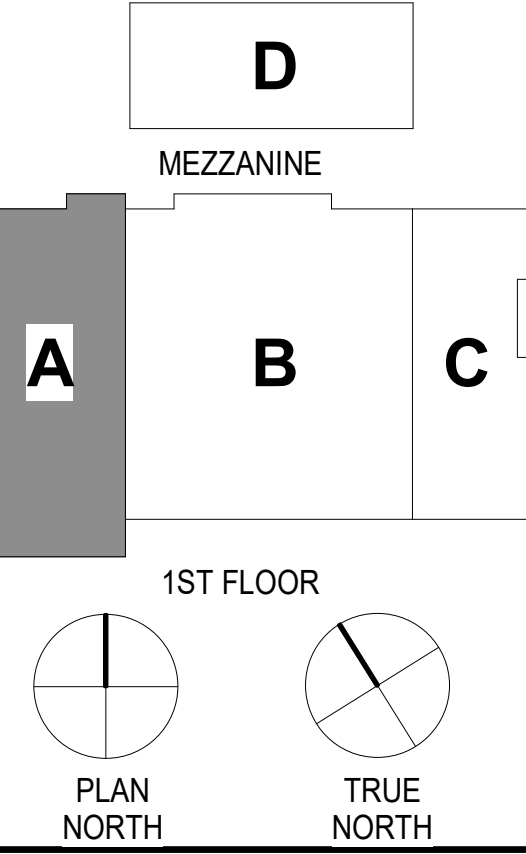
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LANDSCAPE / IRRIGATION:



**CITY OF PORT ARANSAS  
PUBLIC SAFETY  
CENTER  
PORT ARANSAS,  
TEXAS**



Project Number: 18.22  
Drawing Date: 5/18/2023  
Drawn: Author  
Checked: Checker

Revisions:

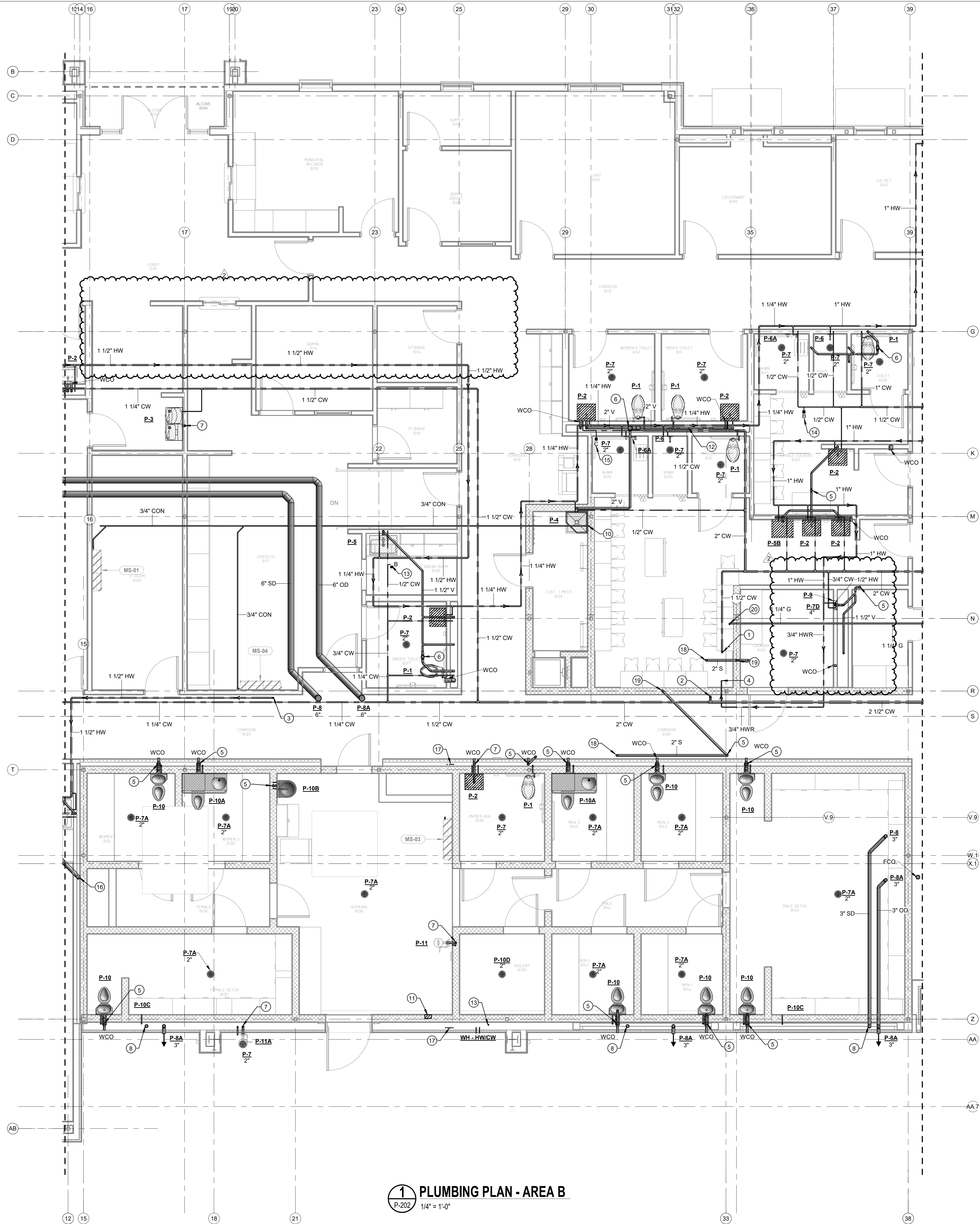
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2	Addenda #2	06/15/23

Sheet Title:

**PLUMBING PLAN -  
AREA A**



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**GENERAL PLUMBING NOTES:**

- ALL PLUMBING WORK SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES AND AMENDMENTS.
- ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID CONFLICT WITH THE WORK OF OTHER TRADES. COORDINATE WITH MECHANICAL, ELECTRICAL AND STRUCTURAL FOR PROPER CLEARANCES.
- SLEEVE ALL OUTSIDE WALLS, FOUNDATION GRADE BEAMS, INTERIOR WALL PENETRATIONS, AND FIRE SEAL ALL PENETRATIONS THROUGH FIRE WALLS AND FLOOR.
- PROVIDE MINIMUM 20 FEET OF SEPERATION BETWEEN HVAC INTAKES AND VENT THROUGH ROOFS.
- PROVIDE SHOCK ARRESTORS ANS INDICATED ON THE DRAWINGS.
- PROVIDE TRAP SEAL DEVICE FOR DRAINS NOT RECEIVING WATER FROM MECHANICAL TRAP PRIMER.

**PLUMBING KEYED NOTES:**

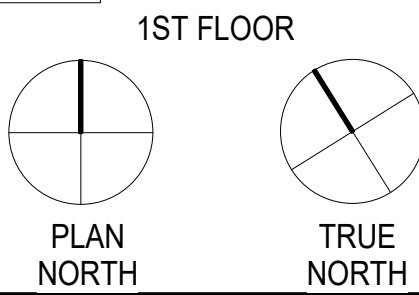
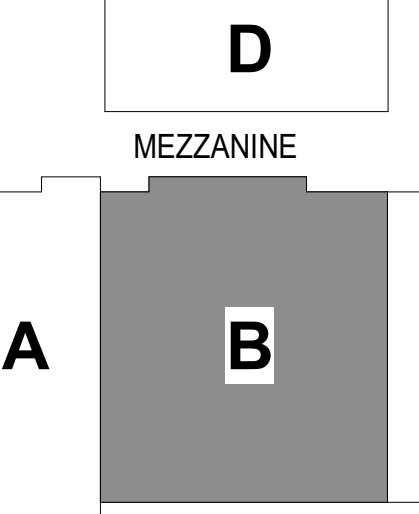
- 1-1/2" COLD WATER UP TO MECHANICAL MEZZANINE TO SERVE WATER HEATER.
- 2" COLD WATER UP TO MECHANICAL MEZZANINE.
- 1-1/2" HOT WATER SUPPLY DOWN FROM MECHANICAL MEZZANINE.
- 3/4" HOT WATER RETURN UP TO MECHANICAL MEZZANINE.
- 2" VENT THROUGH ROOF.
- 3" VENT THROUGH ROOF.
- 1-1/2" VENT THROUGH ROOF.
- 3" PRIMARY STORM DRAIN DOWN TO BELOW FINISHED FLOOR.
- 3" STORM DRAIN OVERFLOW TO DAYLIGHT.
- TERMINATE 3/4" CONDENSATE AT MOP SINK. PROVIDE AIR GAP.
- FLUSHVALVE SWITCH TO OPERATE P-10D.
- 2" VENT ABOVE FINISHED FLOOR IN WALL CAVITY.
- 1" COLD WATER FROM MEZZANINE DOWN TO BELOW FINISHED FLOOR TO SERVE P-10D.
- PROVIDE TYPE "B" SHOCK ARRESTOR.
- PROVIDE TYPE "C" SHOCK ARRESTOR.
- 4" VENT FROM COMBINATION WASTE AND VENT SYSTEM.
- 1/2" TRAP PRIMER TUBING DOWN TO BELOW FINISHED FLOOR FROM MEZZANINE TRAP PRIMER DISTRIBUTION BOX.
- 2" SANITARY DRAIN FROM MEZZANINE.
- 2" SANITARY DRAIN DOWN TO BELOW FINISHED FLOOR.
- 1-1/4" GAS PIPE UP TO MEZZANINE TO SERVE WATER HEATER. REFER TO P-206 FOR GAS PIPE DIAGRAM.

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**CITY OF PORT  
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**PLUMBNG PLAN -  
AREA B**