

ADDENDUM #1



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Date:	02.25.2014	Addendum No:	1
Project:	York General Health Care Services Hospital Addition And Remodel	Project No:	24902
To:	Jake Kulhanek	Firm:	Sampson

NOTICE

THIS ADDENDUM IS ISSUED BY THE ARCHITECT TO ALL PARTIES WHO HAVE RECEIVED BIDDING DOCUMENTS FOR THE ABOVE LISTED PROJECT. THIS ADDENDUM SHALL BECOME PART OF THE CONTRACT DOCUMENTS AS A REVISION TO THE ORIGINAL DOCUMENTS.

SPECIFICATIONS:

Section 07 53 00 – Adhered EPDM Roof: Reissue in its entirety.
Section 08 71 00 – Door Hardware: Reissue in its entirety.
Section 08 80 00 - Glazing: Reissue in its entirety.
Section 22 47 00 – Drinking Fountains and Water Coolers: Reissue in its entirety.
Section 26 05 48 – Vibration and Seismic Controls for Electrical Systems: Reissue in its entirety.

SUBSTITUTIONS: Approved substitutions

Section 03 30 00 – Cast-in-Place Concrete:
Perminator 15 mil underslab vapor barrier with Perminator tape

Section 06 41 10 – Wood Based Casework:
Case Systems, Inc.

Section 07 25 20 – Weather Barriers – Vapor Permeable:
Henry's Air-Bloc 31
TK Airmax 2104 VP

Section 07 53 00 – Adhered EPDM Roofing:
Gen Flex Roofing System (EPDM and Insulation)
Versico Versiguard (EPDM and Insulation)
Mule-Hide Products

Section 08 16 13 – Fiberglass Doors
Universal Pultrusions

Section 08 42 29 – Automatic Door Operators:
Stanley Magic Access

Section 08 43 13 – Aluminum-framed storefronts:
Oldcastle/Vistawall
EFCO

Section 08 44 13 – Glazed Aluminum Curtain Walls:
Oldcastle/Vistawall CW250
EFCO

Section 08 71 00 – Door Hardware
Sargent 10 Line

CONSTRUCTION DOCUMENTS:

STRUCTURAL:

1. Sheet S1-0, STRUCTURAL NOTES / DETAILS. (Reissue in its entirety):
 - a. Revised the jamb stud required for openings above 7'-0" in Detail 6.
2. Sheet S1-1, FOUNDATION & FLR FRAMING / DETAILS AREA A. (Reissue in its entirety):
 - a. Added size and reinforcing for footing pad "F13" to the footing schedule. No new pads were added and no modifications to current footings were made. The pad in question already appears on the plans.
3. Sheet S1-6, LOW ROOF & FLR FRAMING / DETAILS AREA A. (Reissue in its entirety):
 - a. Modified the tag for steel beam X21;XHH-XLL and X16;XHH-XKK to existing. The sizes shown on the plan are correct.
4. Sheet S5-3, STRUCTURAL DETAILS. (Reissue in its entirety):
 - a. Added notes to Detail 20 & 21 for optional equivalent steel framing sections to the unistrut shown. Framing member's selection is contractor's option.
 - b. Added detail 24, a loading diagram for the "14KSP1" joists called out on S1-7. No new joists were added and no modifications to current framing were made. The joist in question already appears on the plans.

ARCHITECTURAL:

5. Sheet LS-1, LIFE SAFETY PLAN. (Reissue in its entirety):
 - a. Modified fire ratings.
6. Sheet A0-1, DEMOLITION PLAN – LEVEL 1. (Reissue in its entirety):
 - a. Demo additional section of existing lobby curtainwall.
 - b. Coded Demolition note "9" delete in its entirety and substitute "REMOVE EXISTING DOORS AND STOREFRONT AS NECESSARY FOR NEW WORK."
7. Sheet A0-2, DEMOLITION PLAN – LEVEL 1. (Reissue in its entirety):
 - a. Coded Demolition note "9" delete in its entirety and substitute "REMOVE EXISTING DOORS AND STOREFRONT AS NECESSARY FOR NEW WORK."
8. Sheet A1-1, FLOOR PLAN – AREA "A". (Reissue in its entirety):
 - a. REMOVE fill mat well in VESTIBULE 1300A. The floor is demo'd in A0-1.
 - b. LOBBY ENTRANCE 1300. Increase length of frame type "W35" and move associated "EXISTING CONST / NEW CONST" note.

- c. ADULT GYM 1341. Add water coolers and recess on east wall. Add dimensions to south 2-floor trenches. Add casework in southwest corner.
- 9. Sheet A1-2, FLOOR PLAN – AREA “B”. (Reissue in its entirety):
 - a. Modified fire rating.
- 10. Sheet A1-3, FLOOR PLAN – AREA “C”. (Reissue in its entirety):
 - a. MINOR PROCEDURE 1428. Move casework, north of door 1430, to east/west wall south of door.
 - b. Modified fire rating at main corridor.
- 11. Sheet A1-4, FLOOR PLAN – LEVEL 2. (Reissue in its entirety):
 - a. COPIER/FAX 2010. Delete east end wall cabinet. Add “W3” wall cabinet to north wall.
- 12. Sheet A1-5, ROOF PLAN. (Reissue in its entirety):
 - a. Modify details 3/A1-5, 4/A1-5 & 6/A1-5.
- 13. Sheet A1-6, ENLARGED PLANS – AREA “A”. (Reissue in its entirety):
 - a. Plan 9/A1-6. Delete door pad switches (4-thus). Add outline and note “NEW SELF LEVELING CONCRETE”.
- 14. Sheet A3-1, ALUMINUM FRAME TYPES. (Reissue in its entirety):
 - a. Modify frame type “W35”.
- 15. Sheet A3-2, DOOR AND FRAME SCHEDULE. (Reissue in its entirety):
 - a. Door 1408A. Delete hardware set “1” and substitute “73”.
 - b. Modified fire ratings.
- 16. Sheet A3-3, WALL TYPES, DOOR & FRAME DETAILS. (Reissue in its entirety):
 - a. Wall type “K1” delete label and substitute “K2”.
- 17. Sheet A3-6, COLOR AND MATERIAL SCHEDULE. (Reissue in its entirety):
 - a. WALL COVERING, WC-1. Add “#14-0648-01” to color.
 - b. SOLID SURFACE SHOWER BASIN, SSB-1. Delete note “ON CALL TLTS” and substitute “POOL TLTS”.
- 18. Sheet A4-1 WALL SECTIONS. (Reissue in its entirety):
 - a. Section 1/A4-1. Add anchor /brace and note “ANCHOR / BRACING CONNECTIONS AS REQUIRED BY CURTAINWALL MFR”.
- 19. Sheet A4-8, WALL SECTIONS & DETAILS. (Reissue in its entirety):
 - a. Detail 5/A4-8. Delete note “BACKER ROD & SEALANT” and substitute “PANEL JOINT”.
 - b. Detail 6/A4-8. Move metal stud wall above storefront, and all related components, to align inside face of stud with inside face of storefront.
 - c. Detail 9/A4-8. Delete note “BACKER ROD & SEALANT” and substitute “PANEL JOINT”.
 - d. Detail 14/A4-8. Add perimeter insulation similar to detail 13/A4-8.
 - e. Section 2/A4-8. Add metal stud wall above storefront similar to section 3/A4-8. Add detail reference “6/A4-8 Sim” to head of storefront.
 - f. Section 3/A4-8. Add detail reference “6/A4-8 Sim” to head of storefront at grid “V.3”.
- 20. Sheet A4-10, WALL SECTION DETAILS. (Reissue in its entirety):

- a. Detail 2/A4-10. Delete "T.O. WALL EL: 130'-4"" and substitute "T.O. WALL EL: 130'-0"".
 - b. Detail 3/A4-10. Delete "T.O. WALL EL: 130'-4"" and substitute "T.O. WALL EL: 130'-0"".
 - c. Detail 4/A4-10. Delete "INSUL MET PANEL EL: 131'-0"" and substitute "INSUL MET PANEL EL: 130'-8"".
 - d. Detail 9/A4-10. Delete "SILL EL: 121'-11 1/2"" and substitute "SILL EL: 124'-11 1/2"".
21. Sheet A5-2, PLAN DETAILS. (Reissue in its entirety):
- a. Detail 19/A5-2. Delete dimension "8 1/2"" and substitute "10 1/2"".
22. Sheet A6-1, REFLECTED CEILING PLAN – AREA "A". (Reissue in its entirety):
- a. LOBBY ENTRANCE 1300. Delete soffit label "P-A 10'-4 1/4"" and substitute "MATCH EXISTING".
 - b. ALCOVE 1341A. Delete soffit elevation "8'-0" A.F.F." and substitute "7'-2" A.F.F.".
 - c. ADULT GYM 1341. Add water cooler recess to east wall with GWB soffit.
23. Sheet A6-4, REFLECTED CEILING PLAN – LEVEL 2. (Reissue in its entirety):
- a. Delete empty elevation reference south of new exit stair.
24. Sheet A7-1, LOBBY ELEVATIONS. (Reissue in its entirety):
- a. CASEWORK NOTES. CAP #2, delete "CHUNTER" and substitute "SCHLUTER".
 - b. Elevation 3/A7-1. Delete dimension "1-3"" and substitute "1-4"".
25. Sheet A7-3, ADMITTING ELEVATIONS. (Reissue in its entirety):
- a. Elevation 3/A7-3. Delete casework type "W4" (3-thus) and substitute "W3 sim" and add horizontal dimension "3-EQUAL SPACES" to each. Delete casework type "B12" (2-thus) and substitute "B13".
 - b. Elevation 8/A7-3. Delete casework type "B3a" (2-thus) and substitute "B3". Add "8-EQUAL SPACES" to dimension "6'-11"".
26. Sheet A7-4, PHYSICAL THERAPY ELEVATIONS. (Reissue in its entirety):
- a. Elevation 6/A7-4. Delete note "SLOPE TOP" and substitute "PLAM SLANT TOP".
 - b. Elevation 12/A7-4. Add note "REMOVABLE PLAM PANEL" to wood grain panel below counter.
27. Sheet A7-5, PHYSICAL THERAPY ELEVATIONS. (Reissue in its entirety):
- a. Elevation 7/A7-5. Delete dimension "9"" and substitute "10"".
 - b. Elevation 9/A7-5. Delete dimension "2'-2"" and substitute "2'-3"".
 - c. Elevation 12/A7-5. Modify elevation to include back side of water cooler recess.
 - d. Elevation 20 & 21/A7-5. ADD shower base clarification, see elevations.
 - e. Elevation 22/A7-5. Modify casework "B17" to match "B17A" on elevation 2/A7-4.
 - f. Add elevation 25/A7-5, GYM WATER COOLER.
 - g. Add elevation 26/A7-5, GYM COAT RACK.
28. Sheet A7-6, PHYSICAL THERAPY ELEVATIONS. (Reissue in its entirety):
- a. Elevation 7/A7-6. Delete upper casework dimension "2'-8"" and substitute "2'-2"".
29. Sheet A7-7, SPECIALTY CLINIC ELEVATIONS. (Reissue in its entirety):
- a. Elevation 20/A7-7. Add dimension "3'-0"" to height of sill.

- b. Elevation 24/A7-7. CHANGE dimension widths, see elevation.
30. Sheet A7-8, SPECIALTY CLINIC ELEVATIONS. (Reissue in its entirety):
- a. Elevation 6/A7-8. Delete casework label "B17" and substitute "B17B" and modify to match "B17" on elevation 2/A7-4"
 - b. Elevation 17/A7-8. ALTER casework, see elevation.
 - c. Elevation 24/A7-8. ALTER casework, see elevation.
31. Sheet A7-9, SURGERY ELEVATIONS. (Reissue in its entirety):
- a. Elevation 4 & 8/A7-9. EDIT note at shower, see elevation.
 - b. Elevation 9/A7-9. ADD note at shower, see elevation.
 - c. Elevation 12/A7-9. Delete casework label "B5" and substitute "B5b". Delete note "MEP". ALTER casework dimensions, see elevation.
32. Sheet A7-10, SURGERY ELEVATIONS. (Reissue in its entirety):
- a. Elevation 9/A7-10. Add shower base clarification note.
 - b. Elevation 12/A7-10. Delete note "no h2o". ALTER casework dimensions, see elevation.
 - c. Elevation 14/A7-10. Add note "ONE DRAWER" to each of the following horizontal dimensions: "3'-0", "2-8"& 2'-5" (2-thus).
 - d. Elevation 16 & 17/A7-10. Add note "ONE DRAWER" to both of the 3'-0" horizontal B1 dimensions.
 - e. Elevation 18/A7-10. Modify both B1 casework to show one top drawer in lieu of 2. Provide 2-pulls each drawer.
33. Sheet A7-11, SURGERY ELEVATIONS. (Reissue in its entirety):
- a. Elevation 2/A7-11. Add label "SK-3" to sink.
 - b. Elevation 3/A7-11. Delete heavy line rectangle.
 - c. Elevation 8/A7-11. Delete casework label "W3" and substitute "W3 sim" and add dimension "4'-0" (4-EQUAL SPACES)".
34. Sheet A7-12, SURGERY ELEVATIONS. (Reissue in its entirety):
- a. Elevation 6/A7-12. Delete casework label "W1" (3-thus) and substitute "W1a". Add label "W1a" to end 1'-4" wide wall cabinet.
 - b. Elevation 8/A7-12. Delete note "MEP".
 - c. Elevation 12/ A7-12. ALTER casework dimensions. See elevations.
 - d. Elevation 15/A7-12. Delete sink label "?" and substitute "SK-1". Delete casework label "B5A" and substitute "B5Ab".
35. Sheet A7-13, SURGERY ELEVATIONS. (Reissue in its entirety):
- a. Elevation 3/A7-13. Delete casework label "W1G" on 2'-6" and 2'-0" wide cabinets respectively and substitute "W1bG".
 - b. Elevation 8/A7-13. Delete casework label "W1G" on 2'-6" and 2'-0" wide cabinets respectively and substitute "W1bG".
 - c. Elevation 10/A7-13. Modify left cabinet to match right cabinet.
 - d. Elevation 12/A7-13. Delete casework in front of door.

36. Sheet A7-14, BOARD ROOM ELEVATIONS. (Reissue in its entirety):
- Elevation 1/A7-14. Delete note "PULL-OUT SHELVES" and substitute "PULL-OUT DRAWERS".
37. Sheet A7-15, YORK SURGICAL ASSOCIATES ELEVATIONS. (Reissue in its entirety):
- Elevation 3/A7-15. Delete casework label "TS2" at left end cabinet and substitute "TS2B".
 - Elevation 10/A7-15. Delete dimension "1'-3"" and substitute "1'-4"".
 - Elevation 17/A7-15. Delete casework labels "B16, B3 & B1" and substitute "B16a, B3c & B1c" respectively.
38. Sheet A7-16, YORK SURGICAL ASSOCIATES ELEVATIONS. (Reissue in its entirety):
- Elevation 4/A7-16. Add width dimension "3'-6" (3-EQUAL SPACES)" to casework W3.
 - Elevation 5/A7-16. Delete wall cabinet.
 - Elevation 11/A7-16. Delete casework label "W1" and substitute "W1c".
39. Sheet A7-17, CASEWORK DETAILS. (Reissue in its entirety):
- Casework B1. Delete dimension "1'-2" @ B1b" and substitute "1'-5" @ B1b". Add cabinet depth dimension "1'-8" @ B1c".
 - Casework B3. Delete dimension "1'-10" @ B3a" and add cabinet depth dimension "1'-8" @ B3c".
 - Casework B4. Add note "PROVIDE LOCKS @ ALL B4 BASE CABINETS".
 - Casework B5. Delete note "SOLID SURFACE COUNTERTOP & BACKSPLASH" and substitute "SEE ELEV FOR COUNTERTOP & BACKSPLASH MATERIAL". Add countertop depth dimension "2'-7" @ B5b". Add dimension to bottom cabinet depth "12" @ B5b". Add "NOTE: PROVIDE END PANEL AT ALL OPEN END PANEL SITUATIONS".
 - Casework B5A. Delete note "SOLID SURFACE COUNTERTOP & BACKSPLASH" and substitute "SEE ELEV FOR COUNTERTOP & BACKSPLASH MATERIAL". Add countertop depth dimension "2'-7" @ B5Ab". Add dimension to bottom cabinet depth, "1'-4 1/2" @ B5Ab". Add height dimension to PLAM apron "6"".
 - Casework B13. Delete dimension "10" @ B13a" and substitute "12" @ B13a".
 - Casework B15. Delete dimension "1'-2" (1'-1" WIDE) and substitute "SEE ELEVATIONS".
 - Casework B16. Add cabinet depth dimension "1'-8" @ B16a".
 - Casework B17. Add cabinet depth dimension "1'-6" @ B17B".
40. Sheet A7-19, CASEWORK DETAILS. (Reissue in its entirety):
- Casework TS2. Add cabinet depth dimension "1'-0" @ TS2B".
 - Casework W1. Add cabinet depth dimensions "1'-6" @ W1a", "2'-0" @ W1b" & "9" @ W1c".
41. Sheets A8-1, A8-2, A8-3, A8-4 & A8-5, FLOOR PATTERN PLANS. (Reissue in their entirety):
- Floor Pattern Legend, add "NOTE: SEE SHEET A3-6, COLOR AND MATERIAL SCHEDULE, FOR CODE OF ABBREVIATIONS".

MECHANICAL / ELECTRICAL: (See Attached)

Attachments: Specifications

Section 07 53 00 – Adhered EPDM Roofing

Section 08 71 00 – Door Hardware

Section 08 80 00 – Glazing

Attachments: Drawings

S1-0, STRUCTURAL NOTES / DETAILS

S1-1, FOUNDATION & FLR FRAMING / DETAILS AREA A

S1-6, LOW ROOF & FLR FRAMING / DETAILS AREA A

S5-3, STRUCTURAL DETAILS

A0-1, DEMOLITION PLAN – LEVEL 1

A0-2, DEMOLITION PLAN – LEVEL 2

A1-1, FLOOR PLAN – AREA “A”

A1-3, FLOOR PLAN – AREA “C”

A1-5, ROOF PLAN

A1-6, ENLARGED PLANS – AREA “A”

A3-1, ALUMINUM FRAME TYPES

A3-2, DOOR AND FRAME SCHEDULE

A3-3, WALL TYPES, DOOR & FRAME DETAILS

A3-6, COLOR AND MATERIAL SCHEDULE

A4-1, WALL SECTIONS

A4-8, WALL SECTIONS & DETAILS

A4-10, WALL SECTION DETAILS

A5-2, PLAN DETAILS

A6-1, REFLECTED CEILING PLAN – AREA “A”

A6-4, REFLECTED CEILING PLAN – LEVEL 2

A7-1, LOBBY ELEVATIONS

A7-3, ADMITTING ELEVATIONS

A7-4, PHYSICAL THERAPY ELEVATIONS

A7-5, PHYSICAL THERAPY ELEVATIONS

A7-6, PHYSICAL THERAPY ELEVATIONS

A7-8, SPECIALTY CLINIC ELEVATIONS

A7-9, SURGERY ELEVATIONS

A7-10, SURGERY ELEVATIONS

A7-11, SURGERY ELEVATIONS

A7-12, SURGERY ELEVATIONS

A7-13, SURGERY ELEVATIONS

A7-14, BOARD ROOM ELEVATIONS

A7-15, YORK SURGICAL ASSOCIATES ELEVATIONS

A7-16, YORK SURGICAL ASSOCIATES ELEVATIONS

A7-17, CASEWORK DETAILS

A7-19, CASEWORK DETAILS

A8-1, FLOOR PATTERN PLAN – AREA “A”

A8-2, FLOOR PATTERN PLAN – AREA “B”

A8-3, FLOOR PATTERN PLAN – AREA “C”

A8-4, FLOOR PATTERN PLAN SECOND FLOOR AREA – EXISTING MOB

A8-5, FLOOR PATTERN PLAN – LEVEL 2

M1-4, FLOOR PLAN – LEVEL 2 – HVAC

M3-0, BASEMENT LEVEL – PLUMBING (WATER) & MEDICAL GAS

M3-4, FLOOR PLAN LEVEL 1 – PLUMBING – AREA “A”

M3-7, FLOOR PLAN LEVEL 2 – PLUMBING

M7-0, MECHANICAL SCHEDULES

M7-1, MECHANICAL SCHEDULES

E0-1, FLOOR PLAN – ELECTRICAL DEMOLITION – AREA “A”
E0-2, FLOOR PLAN – ELECTRICAL DEMOLITION – AREA “B” & “C”
E1-1, FLOOR PLAN – LIGHTING – AREA “A”
E1-2, FLOOR PLAN – LIGHTING – AREA “B”
E1-3, FLOOR PLAN – LIGHTING – AREA “C”
E2-0, FLOOR PLAN – POWER – BASEMENT
E2-1, FLOOR PLAN – POWER – AREA “A”
E2-2, FLOOR PLAN – POWER – AREA “B”
E2-3, FLOOR PLAN – POWER – AREA “C”
E4-1, ELECTRICAL ONE-LINE DIAGRAM
E4-4, ELECTRICAL DETAILS

By: Doug Swartz - Altus

Addendum 1



Date: 02/25/14

Project Name: York General Hospital Renovation and Addition

Project #: 13048

General Specification Items:

- GS1. The following manufacturers are approved to bid the project. Approval to bid does not constitute acceptance of the product for use in the building. Final approval must be obtained through the formal shop drawing submittal process. The list is presented by product application and not necessarily by specification reference.
- A. Louvers and Vents, Louvers:
 - 1. Louvers & Dampers, Inc.
 - B. Domestic Hot Water Heat Exchangers:
 - 1. PVI.
 - C. Plumbing Fixtures, Faucets & Shower Valves:
 - 1. Delta.
 - 2. Speakman.
 - 3. Zurn.
 - D. Plumbing Fixtures, Eyewashes and Mop Sinks:
 - 1. Acorn.
 - E. Hydronic Piping, Air/Dirt Separators:
 - 1. Spirotherm.
 - F. Steam and Condensate Piping, Steam Traps:
 - 1. MEPCO.
 - G. Steam and Condensate Pumps, Condensate Pumps:
 - 1. Armstrong.
 - 2. Shipco.
 - 3. Sterling.
 - H. Duct Accessories, Sound Attenuators:
 - 1. Aerosonics.
 - 2. Kinetics Noise Control.
 - I. Duct Accessories, Fire/Smoke Dampers:
 - 1. Leader Industries.
 - J. Metal Ducts, Ductwork:
 - 1. S.E.T. Duct.
 - K. Air Terminal Units, Single Duct Boxes:
 - 1. MetalAire.
 - L. Diffusers, Registers, and Grilles:
 - 1. MetalAire.

M. Deaerators:

1. Shipco.

N. Fan Coil Units:

1. Carrier.
2. First Company.
3. Zehnder/Rittling.

O. Unit Heaters, Cabinet Unit Heaters:

1. Sterling.

P. Humidifiers:

1. Carel.
2. Vapac.

Mechanical Specification Items:**MS1. Section 21 1300 – Fire Protection**

- A. Article 1.5, Subparagraph C.1: Replace this paragraph in its entirety with the following:

“1. Perform fire-hydrant flow test according to NFPA 13 and NFPA 291. Use results for system design calculations required in "Quality Assurance" Article.”

MS2. Section 22 4700 – Drinking Fountains and Water Coolers

- A. Add this specification in its entirety.

MS3. Section 22 5513 – Compressed-Air, Gas, and Vacuum Piping for Laboratory and Healthcare Facilities

- A. Article 3.2: Delete Paragraphs A, B, and C and replace with the following:

“A. For medical gas, vacuum, and WAGD evacuation piping applications, refer to Sheet M7-1.”

MS4. Section 23 2113 – Hydronic Piping

- A. Article 3.1: Delete Paragraphs B, C, D, and D and replace with the following:

“A. For hot-water heating and chilled-water piping applications, refer to Sheet M7-1.”

Electrical Specification Items:**ES1. Section 26 0548 – Vibration and Seismic Controls for Electrical Systems**

- A. This section is added in its entirety.

Mechanical Drawing Items:**MD1. The following sheets are reissued in their entirety:**

- A. M1-4 – Floor Plan – Level 2 – HVAC
- B. M3-0 – Basement Level – Plumbing (Water) & Medical Gas
- C. M3-4 – Floor Plan – Level 1 – Plumbing – Area “A”
- D. M3-7 – Floor Plan – Level 2 – Plumbing
- E. M7-0 – Mechanical Schedules
- F. M7-1 – Mechanical Schedules

MD2. Sheet M0-0 – Mechanical Cover Sheet

- A. General Notes/Fire Protection General Notes:

1. Relocate Fire Protection General Notes N and O to General Notes.
2. Add the following General Note N to the Fire Protection General Notes:
“N. Existing fire sprinkler heads that are to be reused shall be turned upwards for coverage during construction.”

MD3. Sheet M6-2 – Mechanical Details**A. Detail 10 – Washer/Disinfecter Piping Diagram:**

1. Remove Washer/Disinfecter (Future). Move F&T trap to serve end of main for washer/disinfecter.

Electrical Drawing Items:**ED1. The following sheets are reissued in their entirety:**

- A. E0-1 – Floor Plan – Electrical Demolition – Area A
- B. E0-2 – Floor Plan – Electrical Demolition – Area B and C
- C. E1-1 – Floor Plan – Lighting – Area A
- D. E1-2 – Floor Plan – Lighting – Area B
- E. E1-3 – Floor Plan – Lighting – Area C
- F. E2-0 – Floor Plan – Power – Basement
- G. E2-1 – Floor Plan – Power – Area A
- H. E2-2 – Floor Plan – Power – Area B
- I. E2-3 – Floor Plan – Power – Area C
- J. E4-1 – Electrical One-Line Diagram
- K. E4-4 – Electrical Details

ED2. Sheet E0-3 – Roof Plan – Electrical Demolition**A. AHU-14(E) Penthouse:**

1. Remove demolished Panel LPA.

B. Main Emergency Service Room:

1. Remove “MTSACC2” and “MTSACC1”.

ED3. Sheet E2-4 – Floor Plan – Power – Level 2**A. Prep Area 2004:**

1. Revise branch circuit homerun label “L2A-82” to read “L2A-82 (15/1)”.

B. Elec 2027:

1. Add new ground bar “MGBA” to north wall behind door swing.

ED4. Sheet E2-5 – Roof Plan – Electrical**A. Space S-3:**

1. Remove demolished Panel LPA.

B. Main Emergency Service Room:

1. Remove “MTSACC2” and “MTSACC1”.

ED5. Sheet E4-3 – Electrical Schedules**A. Lighting Fixture Schedule:**

1. Add Note 9 to read as follows:

“THE FOLLOWING MANUFACTURER'S ARE APPROVED EQUALS FOR THE FIXTURE TYPES INDICATED:

CORELITE - P4

DALS - P2

FAIL-SAFE - H3

GOTHAM - D1

INSIGHT - S1

LITHONIA - A1, A1D, A2, A3

PINNACLE - A1-ALT, A1D-ALT, A2-ALT, A3-ALT”

B. Equipment Connection Schedule:

1. Mark “UH-15-01”

- a. Revise Panel to read "EQLPA"
- b. Revise Circuit Number to read "5".

ED6. Sheet E5-2 – Electrical Panel Schedules:

A. Lighting Panel L2A:

1. Ckt 82:
 - a. Revise Circuit Description shall read "Cond Hood 16 Prep Area 2004".
 - b. Revise Rating shall be "15A".
 - c. Load shall be "600 VA".

ED7. Sheet E5-4 – Electrical Panel Schedules:

A. Lighting Panel CRL1OR1:

1. Panel Poles shall be "32".

B. Lighting Panel CRL1OR2:

1. Panel Poles shall be "32".

C. Lighting Panel CRL1P:

1. Panel Poles shall be "32".

D. Isolated Power Panels General Notes:

1. Note A.1 shall read:

"ONE (1) CRITICAL BRANCH ISOLATED POWER PANEL. SQUARE-D DUPLEX ISOLATED POWER PANEL (8" ISOLATED POWER PANEL - 7.5kVA - 208V PRIMARY - 120V SECONDARY - RECESSED MOUNT - (32) 20/2 BRANCH BREAKERS). PANEL SHALL BE COMPLETE WITH MODEL ST7336 TRIM, MODEL SB713408 BACK BOX, TWO (2) MODEL SXMO7BA TRANSFORMERS, TWO (2) MODEL IG6 LINE ISOLATION MONITORS, AND MODEL SIX07BA07BA PANEL INTERIOR. SERVE FROM PANEL 'CRL1G' WITH NEW 60/2 CIRCUIT BREAKER AND 2-#4, 1-#10 GROUND IN 1" CONDUIT."

Submitted By: Chris Hawk and Michael Fagan

SECTION 07 53 00
ADHERED EPDM ROOFING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Elastomeric roofing membrane, adhered conventional application.
- B. Insulation, flat and tapered.
- C. Walkway pads
- D. Deck sheathing.
- E. Flashings.
- F. Roofing stack boots, roofing expansion joints, and walkway pads.

1.02 REFERENCE STANDARDS

- A. ASTM C1289 - Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board; 2013.
- B. ASTM C1396/C1396M - Standard Specification for Gypsum Board; 2011.
- C. ASTM D448 - Standard Classification for Sizes of Aggregate for Road and Bridge Construction; 2008.
- D. ASTM D4637/D4637M - Standard Specification for EPDM Sheet Used in Single-Ply Roof Membrane; 2013.
- E. NRCA ML104 - The NRCA Roofing and Waterproofing Manual; National Roofing Contractors Association; Fifth Edition, with interim updates.
- F. UL (RMSD) - Roofing Materials and Systems Directory; Underwriters Laboratories Inc.; current edition.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordinate with installation of associated counterflashings installed under other sections.
- B. Preinstallation Meeting: Convene a preinstallation meeting one week before starting work of this section; require attendance by all affected installers; review preparation and installation procedures and coordination and scheduling necessary for related work.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data indicating membrane materials, flashing materials, insulation, vapor retarder, surfacing, and fasteners.
- C. Shop Drawings: Indicate joint or termination detail conditions, conditions of interface with other materials, setting plan for tapered insulation, mechanical fastener layout, and paver layout.
- D. Manufacturer's Installation Instructions: Indicate membrane seaming precautions and perimeter conditions requiring special attention.
- E. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.
- F. Manufacturer's Field Reports: Indicate procedures followed, ambient temperatures, humidity, wind velocity during application, and supplementary instructions given.
- G. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.05 QUALITY ASSURANCE

- A. Perform work in accordance with manufacturer's instructions.
- B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

- C. Applicator Qualifications: Company specializing in performing the work of this section approved by manufacturer.

1.06 PRE-INSTALLATION MEETING

- A. Convene one week before starting work of this section.
- B. Review preparation and installation procedures and coordinating and scheduling required with related work.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products in manufacturer's original containers, dry, undamaged, with seals and labels intact.
- B. Store products in weather protected environment, clear of ground and moisture.
- C. Protect foam insulation from direct exposure to sunlight.

1.08 PROJECT CONDITIONS

- A. Coordinate the work with installation of associated counterflashings installed by other sections as the work of this section proceeds.

1.09 FIELD CONDITIONS

- A. Do not apply roofing membrane during unsuitable weather.
- B. Do not apply roofing membrane when ambient temperature is below 40 degrees F.
- C. Do not apply roofing membrane to damp or frozen deck surface or when precipitation is expected or occurring.
- D. Do not expose materials vulnerable to water or sun damage in quantities greater than can be weatherproofed the same day.

1.10 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective Work within a two year period after Date of Substantial Completion.
- C. Provide 15 year manufacturer's material and labor warranty to cover failure to prevent penetration of water.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. EPDM Membrane Materials:
 - 1. Carlisle SynTec: www.carlisle-syntec.com.
 - 2. Firestone Building Products, LLC: www.firestonebpco.com.
 - 3. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Insulation:
 - 1. Atlas Roofing Corporation: www.atlasroofing.com.
 - 2. Dow Chemical Co: www.dow.com.
 - 3. Owens Corning Corp: www.owenscorning.com.
 - 4. Firestone Building Products Co: www.firestonebpco.com.
 - 5. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 ROOFING - UNBALLASTED APPLICATIONS

- A. Elastomeric Membrane Roofing: One ply membrane, fully adhered, over insulation.
- B. Acceptable Insulation Types - Constant Thickness Application: Any of the types specified.
 - 1. Minimum 2 layers of polyisocyanurate board.
- C. Acceptable Insulation Types - Tapered Application: Any of the types specified.

2.03 ROOFING MEMBRANE AND ASSOCIATED MATERIALS

- A. Membrane: Ethylene-propylene-diene-terpolymer (EPDM); non-reinforced; complying with minimum properties of ASTM D 4637.
 - 1. Thickness: 0.060 inch.
 - 2. Color: black.
- B. Seaming Materials: As recommended by membrane manufacturer.
- C. Flexible Flashing Material: EPDM sheet; conforming to the following:
 - 1. Color: Black.

2.04 DECK SHEATHING AND COVER BOARDS

- A. Deck Sheathing: Glass mat faced gypsum panels, ASTM C1177/C1177M, fire resistant type, 1/2 inch thick.
 - 1. Products:
 - a. Temple-Inland Building Products by Georgia-Pacific, LLC; GreenGlass Primed Roof Board: www.temple.com.
 - b. GAF "Dens-Deck".
 - c. Substitutions: See Section 01 60 00 - Product Requirements.

2.05 INSULATION

- A. Polyisocyanurate Board Insulation: Rigid cellular foam, complying with ASTM C1289, Type II, Class 1, cellulose felt or glass fiber mat both faces; Grade 1 and with the following characteristics:
 - 1. Compressive Strength: 16 psi
 - 2. Board Size: 48 x 96 inch.
 - 3. Thermal Resistance: R-value of 5.6 per inch.
 - 4. Board Edges: Square.
 - 5. Manufacturers:
 - a. Atlas Roofing Corporation: www.atlasroofing.com.
 - b. GAF: www.gaf.com.
 - c. Firestone Building Products Co: www.firestonebpco.com.
 - 6. Substitutions: See Section 01 60 00 - Product Requirements.

2.06 ACCESSORIES

- A. Stack Boots: Prefabricated flexible boot and collar for pipe stacks through membrane; same material as membrane.
- B. Insulation Fasteners: Appropriate for purpose intended and approved by roofing manufacturer.
 - 1. Length as required for thickness of insulation material and penetration of deck substrate, with metal washers.
- C. Membrane Adhesive: Water-based, as recommended by membrane manufacturer.
- D. Surface Conditioner for Adhesives: Compatible with membrane and adhesives.
- E. Thinners and Cleaners: As recommended by adhesive manufacturer, compatible with membrane.
- F. Roofing Nails: Galvanized, hot dipped type, size and configuration as required to suit application.
- G. Sealants: As recommended by membrane manufacturer.
- H. Walkway Pads: Suitable for maintenance traffic, contrasting color or otherwise visually distinctive from roof membrane.
 - 1. Provide walkway pads to and around all equipment requiring maintenance and in additional locations shown on the drawings. Space walkway pads to allow for uninhibited drainage.
 - 2. Products:
 - a. W.R. Meadows, Inc.; Duo-Pad: www.wrmeadows.com.
 - 1) 3/8" thick min

- b. Substitutions: See Section 01 60 00 - Product Requirements.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces and site conditions are ready to receive work.
- B. Verify deck is supported and secure.
- C. Verify deck is clean and smooth, flat, free of depressions, waves, or projections, properly sloped and suitable for installation of roof system.
- D. Verify deck surfaces are dry and free of snow or ice.
- E. Verify that roof openings, curbs, and penetrations through roof are solidly set, and nailing strips are in place.

3.02 INSULATION - UNDER MEMBRANE

- A. Attachment of Insulation: Mechanically fasten insulation to deck in accordance with roofing manufacturer's instructions and Factory Mutual requirements.
- B. Lay subsequent layers of insulation with joints staggered minimum 6 inch from joints of preceding layer.
- C. Place tapered insulation to the required slope pattern in accordance with manufacturer's instructions.
- D. On metal deck, place boards parallel to flutes with insulation board edges bearing on deck flutes.
- E. Lay boards with edges in moderate contact without forcing. Cut insulation to fit neatly to perimeter blocking and around penetrations through roof.
- F. At roof drains, use factory-tapered boards to slope down to roof drains over a distance of 18 inches.
- G. Do not apply more insulation than can be covered with membrane in same day.

3.03 MEMBRANE APPLICATION

- A. Roll out membrane, free from wrinkles or tears. Place sheet into place without stretching.
- B. Shingle joints on sloped substrate in direction of drainage.
- C. Fully Adhered Application: Apply water based adhesive to substrate per manufacturer's recommendations. Fully embed membrane in adhesive except in areas directly over or within 3 inches of expansion joints. Fully adhere one roll before proceeding to adjacent rolls.
- D. Overlap edges and ends and seal seams by contact tape, minimum 3 inches. Seal permanently waterproof.
- E. At intersections with vertical surfaces: As recommended by manufacturer.
 - 1. Extend membrane over cant strips and up a minimum of 4 inches onto vertical surfaces.
 - 2. Fully adhere flexible flashing over membrane and up to nailing strips.
- F. Around roof penetrations, seal flanges and flashings with flexible flashing.
- G. Coordinate installation of roof drains and sumps and related flashings.

3.04 FIELD QUALITY CONTROL

- A. See Section 01 40 00 - Quality Control, for general requirements for field quality control and inspection.
- B. Require site attendance of roofing and insulation material manufacturers daily during installation of the Work.

3.05 CLEANING

- A. Remove bituminous markings from finished surfaces.
- B. In areas where finished surfaces are soiled by work of this section, consult manufacturer of surfaces for cleaning advice and conform to their documented instructions.

- C. Repair or replace defaced or damaged finishes caused by work of this section.

3.06 PROTECTION

- A. Protect installed roofing and flashings from construction operations.
- B. Where traffic must continue over finished roof membrane, protect surfaces using durable materials.

END OF SECTION

SECTION 08 71 00
DOOR HARDWARE

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Hardware for wood and hollow steel doors.
- B. Hardware for fire-rated doors.
- C. Electrically operated and controlled hardware.
- D. Lock cylinders for doors for which hardware is specified in other sections.
- E. Thresholds.
- F. Weatherstripping, seals and door gaskets.

1.02 RELATED REQUIREMENTS

- A. Section 08 11 13 - Hollow Metal Doors and Frames.
- B. Section 08 12 13 - Hollow Metal Frames.
- C. Section 08 14 16 - Flush Wood Doors.
- D. Section 08 43 13 - Aluminum-Framed Storefronts:
- E. Section 08 42 29 - Automatic Entrances: Power operators.
- F. Section 08 44 13 - Glazed Aluminum Curtain Walls: Hardware for integral doors and frames except lock cylinders; installation of cylinders.

1.03 PRICE AND PAYMENT PROCEDURES

- A. See Section 01 21 00 - Allowances, for allowances affecting this section.

1.04 REFERENCE STANDARDS

- A. 36 CFR 1191 - Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities; Final Rule; current edition; (ADA Standards for Accessible Design).
- B. ANSI/ICC A117.1 - American National Standard for Accessible and Usable Buildings and Facilities; International Code Council; 2009.
- C. BHMA A156.1 - American National Standard for Butts and Hinges; Builders Hardware Manufacturers Association, Inc.; 2006 (ANSI/BHMA A156.1).
- D. BHMA A156.4 - American National Standard for Door Controls - Closers; Builders Hardware Manufacturers Association, Inc.; 2008 (ANSI/BHMA A156.4).
- E. BHMA A156.6 - American National Standard for Architectural Door Trim; Builders Hardware Manufacturers Association; 2010 (ANSI/BHMA A156.6).
- F. BHMA A156.7 - American National Standard for Template Hinge Dimensions; Builders Hardware Manufacturers Association; 2003 (ANSI/BHMA A156.7).
- G. BHMA A156.8 - American National Standard for Door Controls - Overhead Stops and Holders; Builders Hardware Manufacturers Association, Inc.; 2010 (ANSI/BHMA A156.8).
- H. BHMA A156.18 - American National Standard for Materials and Finishes; Builders Hardware Manufacturers Association, Inc.; 2006 (ANSI/BHMA A156.18).
- I. BHMA A156.22 - American National Standard for Door Gasketing and Edge Seal Systems, Builders Hardware Manufacturers Association; 2012 (ANSI/BHMA A156.22).
- J. BHMA A156.31 - Electric Strikes and Frame Mounted Actuators; 2007 (ANSI/BHMA A156.31).
- K. DHI (LOCS) - Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames; Door and Hardware Institute; 2004.
- L. DHI WDHS.3 - Recommended Locations for Architectural Hardware for Flush Wood Doors; Door and Hardware Institute; 1993; also in WDHS-1/WDHS-5 Series, 1996.
- M. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2013.

- N. NFPA 101 - Life Safety Code; National Fire Protection Association; 2012.
- O. UL (BMD) - Building Materials Directory; Underwriters Laboratories Inc.; current edition.

1.05 ADMINISTRATIVE REQUIREMENTS

- A. Coordinate the manufacture, fabrication, and installation of products onto which door hardware will be installed.
- B. Furnish templates for door and frame preparation to manufacturers and fabricators of products requiring internal reinforcement for door hardware.
- C. Convey Owner's keying requirements to manufacturers.
- D. Preinstallation Meeting: Convene a preinstallation meeting one week prior to commencing work of this section; require attendance by all affected installers.
- E. Sequence installation to ensure utility connections are achieved in an orderly and expeditious manner.

1.06 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's catalog literature for each type of hardware, marked to clearly show products to be furnished for this project.
- C. Shop Drawings:
 - 1. Indicate locations and mounting heights of each type of hardware, schedules, catalog cuts, electrical characteristics and connection requirements .
 - 2. Submit manufacturer's parts lists and templates.
- D. Hardware Schedule: Detailed listing of each item of hardware to be installed on each door. Use door numbering scheme as included in the Contract Documents. Identify electrically operated items and include power requirements.
- E. Keying Schedule: Submit for approval of Owner.
- F. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention.
- G. Project Record Documents: Record actual locations of concealed equipment, services, and conduit.
- H. Maintenance Data: Include data on operating hardware, lubrication requirements, and inspection procedures related to preventative maintenance.
- I. Keys: Deliver with identifying tags to Owner by security shipment direct from hardware supplier.
- J. Warranty: Submit manufacturer's warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.07 QUALITY ASSURANCE

- A. Standards for Fire-Rated Doors: Maintain one copy of each referenced standard on site, for use by Architect and Contractor.
- B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.
- C. Hardware Supplier Qualifications: Company specializing in supplying commercial door hardware approved by manufacturer.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Package hardware items individually; label and identify each package with door opening code to match hardware schedule.

1.09 COORDINATION

- A. Coordinate the work with other directly affected sections involving manufacture or fabrication of internal reinforcement for door hardware.

- B. Furnish templates for door and frame preparation.
- C. Sequence installation to ensure utility connections are achieved in an orderly and expeditious manner.
- D. Coordinate Owner's keying requirements during the course of the Work.

1.10 WARRANTY

- A. See Section 01 78 01 - Warranties, for additional warranty requirements.
- B. Provide five year warranty for door closers.
- C. Provide three year warranty for exit devices.

1.11 MAINTENANCE PRODUCTS

- A. Provide special wrenches and tools applicable to each different or special hardware component.
- B. Provide maintenance tools and accessories supplied by hardware component manufacturer.

PART 2 PRODUCTS

2.01 SUPPLIERS

- A. Doors Inc, Des Moines, Iowa
- B. Johnson Hardware Co., Omaha, Nebraska.
- C. Metal Doors & Hardware Co., La Vista Nebraska.
- D. Midwest Door & Hardware Co., Lincoln, Nebraska.
- E. Tri-City Hardware, Omaha, Nebraska.
- F. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 DOOR HARDWARE - GENERAL

- A. Provide all hardware specified or required to make doors fully functional, compliant with applicable codes, and secure to the extent indicated.
- B. Provide all items of a single type of the same model by the same manufacturer.
- C. Provide products that comply with the following:
 - 1. Applicable provisions of federal, state, and local codes.
 - 2. ADA Standards for Accessible Design.
 - 3. ANSI/ICC A117.1, American National Standard for Accessible and Usable Buildings and Facilities.
 - 4. Applicable provisions of NFPA 101, Life Safety Code.
 - 5. Fire-Rated Doors: NFPA 80.
 - 6. All Hardware on Fire-Rated Doors : Listed and classified by UL as suitable for the purpose specified and indicated.
 - 7. Hardware for Smoke and Draft Control Doors : Provide hardware that enables door assembly to comply with air leakage requirements of the applicable code.
 - 8. Products Requiring Electrical Connection: Listed and classified by UL as suitable for the purpose specified and indicated.
 - 9. Provide either lead lining or lead wrapping of case on doors indicated as "Lead Lined", as applicable to type of hardware to assure shielding integrity.
 - 10. Provide strikes with curved lips.
 - 11. Provide extended lips when necessary.
 - 12. Provide strike boxes.
- D. Function: Lock and latch function numbers and descriptions of manufactures series as listed in hardware schedule.
- E. Electrically Operated and/or Controlled Hardware: Provide all power supplies, power transfer hinges, relays, and interfaces required for proper operation; provide wiring between hardware and control components and to building power connection.
- F. Finishes: All door hardware the same finish unless otherwise indicated.

1. Primary Finish: Satin chrome plated over nickel on brass or bronze, 626 (approx US26D).
2. Finish Definitions: BHMA A156.18.
3. Exceptions:
 - a. Where base metal is specified to be different, provide finish that is an appearance equivalent according to BHMA A156.18.
 - b. Hinges for Fire-Rated Doors: Steel base metal with plated finish.
 - c. Door Closer Covers and Arms: Color to be selected by Architect from manufacturer's standard colors.
 - d. Aluminum Surface Trim and Gasket Housings: Anodized to match door, not to match other hardware.
 - e. Hardware for Aluminum Storefront Doors: Finished to match door, except hand contact surfaces to be satin stainless steel.

2.03 MANUFACTURERS/PRODUCTS

A. HINGES

1. Hinges: Provide hinges on every swinging door.
 - a. Provide five-knuckle full mortise butt hinges unless otherwise indicated.
 - b. Provide ball-bearing hinges at all doors having closers.
 - c. Provide hinges in the quantities indicated.
 - d. Provide non-removable pins on exterior outswinging doors.
 - e. Provide non-removable pins on outswinging interior doors with lock function.
 - f. Provide stainless steel hinges at fiberglass doors
 - g. Where electrified hardware is mounted in door leaf, provide concealed electrified hinges only.
 - 1) Hager ETW
 - 2) Stanley CECS
 - 3) McKinney Products Company: Electrolynx Hinge (QC Option)
 - 4) Mount in center hinge position
2. Butt Hinges: Comply with BHMA A156.1 and A156.7; standard weight, unless otherwise indicated or required for size or operation of door.
 - a. Provide hinge width required to clear surrounding trim.
3. Swing-Clear Butt Hinges
 - a. Provide at Operating Room Doors
4. Quantity of Hinges Per Door:
 - a. Doors From 60 inches High up to 90 inches High: Three hinges.
5. Manufacturerers:
 - a. Hager Companies: www.hagerco.com.
 - b. Stanley Security Solutions
 - c. McKinney Products Company: www.mckinneyhinge.com.
 - d. Substitutions: See Section 01 60 00 - Product Requirements.

B. CONTINUOUS GEARED HINGES

1. ANSI/BHMA A156.26 certified continuous geared hinge with minimum 0.120-inch thick extruded 6060 T6 aluminum alloy hinge leaves and a minimum overall width of 4 inches. Hinges are non-handed, reversible and fabricated to template screw locations. Provide concealed flush mount (with or without inset), full surface, or half surface, in standard and heavy duty models, as specified in the Hardware Sets. Concealed continuous hinges to be U.L. listed for use on up to and including 90 minute rated door installations and U.L. listed for windstorm components where applicable. Factory cut hinges for door size.
 - a. Acceptable Manufacturers:
 - 1) Pemko Manufacturing
 - 2) Stanley Security Solutions
 - 3) Hager-Roton

C. PUSH/PULLS

1. Type:

- a. Pushplate: 4" x 16" with Rounded Corners
 - 1) Rockwood 70C
 - b. Pull: 10" Center to Center & 3/4" diameter.
 - 1) Ives 8102-0 w/ 8300 4" x 16" plate
 - c. Provide cutouts as required for cylinders.
 - 2. Push/Pulls: Comply with BHMA A156.6.
 - a. Provide push and pull on doors not specified to have lockset, latchset, exit device, or auxiliary lock.
 - b. On solid doors, provide matching push plate and pull plate on opposite faces.
 - c. On glazed storefront doors, provide push bar the width of the door and pull handle.
 - 1) Rockwood Series 47 Push and Series T112 Pull Bars or approved equal
 - 3. Manufacturers - Push/Pulls:
 - a. Assa Abloy McKinney: www.assaabloydss.com.
 - b. Hager Companies: www.hagerco.com.
 - c. Ives: www.iveshardware.com.
 - d. Rockwood Manufacturing
 - e. Trimco
 - 4. Substitutions: See Section 01 60 00 - Product Requirements.
- D. LOCKS AND LATCHES
- 1. Lock Cylinders: Manufacturer's standard tumbler type, six-pin standard core.
 - a. Provide cams and/or tailpieces as required for locking devices required.
 - 2. Keying: Grand master keyed.
 - a. Key to existing keying system.
- E. CYLINDRICAL LOCKSETS
- 1. Cylindrical Locksets:
 - a. Manufacturer:
 - 1) Schlage; ND Series, Rhodes lever: www.schlage.com.
 - (a) Provide Vandlgard hardware at exterior locations
 - 2. Type:
 - a. ANSI/BHMA-A156.2, Grade 1.
 - b. Heavy duty cylindrical with 3/4" throw.
 - c. 2-3/4" backset.
 - d. Function as indicated in accordance with ANSI/BHMA-A156.2.
- F. ELECTRONIC LOCKS
- 1. Schlage AD-200
- G. FLUSHBOLTS
- 1. Flushbolts: Lever extension bolts in leading edge of door, one bolt into floor, one bolt into top of frame.
 - a. Pairs of Swing Doors: At inactive leaves, provide flush bolts of type as required to comply with code.
 - 2. Manual Flushbolts: Provide lever extensions for top bolt at over-size doors.
 - a. Rockwood 555
 - 3. Self-Latching Flushbolts: Automatically latch upon closing of door; manually retracted.
 - 4. Automatic Flushbolts: Automatically latch upon closing of door; automatic retraction of bolts when active leaf is opened.
 - a. Ives FB31P
 - 5. Coordinators: Provide on doors having closers and self-latching or automatic flushbolts to ensure that leaves close in proper order.
 - 6. Manufacturers - Flushbolts:
 - a. Assa Abloy : www.assaabloydss.com.
 - b. Ives: www.ives.ingersollrand.com.
 - c. Triangle Brass Manufacturing Co., Inc: www.trimcobbw.com.
 - d. Substitutions: See Section 01 60 00 - Product Requirements.

H. ELECTRIC STRIKES

1. Electric Strikes: Complying with BHMA A156.31 and UL listed as a Burglary-Resistant Electric Door Strike; style to suit locks.
2. Manufacturers:
 - a. Assa Abloy HES: 4500C. www.assaabloydss.com.
 - b. Substitutions: See Section 01 60 00 - Product Requirements.

I. EXIT DEVICES

1. Conventional Exit Devices:
 - a. Conventional Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 certified panic and fire exit hardware devices furnished in the functions specified in the Hardware Sets. Mounting rails to be formed from smooth stainless steel, brass or bronze architectural materials no less than 0.072" thick, with push rails a minimum of 0.062" thickness. Painted or aluminum metal rails are not acceptable. Exit device latch to be investment cast stainless steel, pullman type, with deadlock feature.
2. Manufacturers:
 - a. Von Duprin; 98/99 Series: www.vonduprin.com.
 - 1) 07 lever
 - b. Sargent Manufacturer; 80 Series: www.sargentlock.com.
 - c. Substitutions: See Section 01 60 00 - Product Requirements.
3. General requirements:
 - a. All devices provided by one manufacturer.
 - b. At doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "Panic Hardware" according to UL305. Provide proper fasteners as required by manufacturer including sex nuts and bolts at openings specified in the Hardware Sets.
 - c. Where exit devices are required on fire rated doors, provide devices complying with NFPA 80 and with UL labeling indicating "Fire Exit Hardware". Provide devices with the proper fasteners for installation as tested and listed by UL. Consult manufacturer's catalog and template book for specific requirements.
 - d. Provide non-handed device.
 - e. Except on fire rated doors, provide exit devices with hex key dogging device to hold the pushbar and latch in a retracted position. Provide optional keyed cylinder dogging on devices where specified in Hardware Sets
 - f. Use Less Bottom Rods at pair of cross corridor doors and when fire codes allow application.
 - g. Stainless steel push rail and housing body.
 - h. Match finish and meet stile size of aluminum doors with aluminum door supplier.

J. CLOSERS

1. General: Door Closers, Surface Mounted (Heavy Duty): ANSI/BHMA A156.4, Grade 1 surface mounted, heavy duty door closers with complete spring power adjustment, sizes 1 thru 6; and fully operational adjustable according to door size, frequency of use, and opening force. Closers to be rack and pinion type, one piece cast iron or aluminum alloy body construction, with adjustable backcheck and separate non-critical valves for closing sweep and latch speed control. Provide non-handed units standard.
 - a. Provide surface-mounted, door-mounted closers unless otherwise indicated.
 - b. Provide a door closer on every exterior door.
 - c. Provide a door closer on every fire- and smoke-rated door. Spring hinges are not an acceptable self-closing device unless specifically so indicated.
 - d. On pairs of swinging doors, if an overlapping astragal is present, provide coordinator to ensure the leaves close in proper order.
 - e. At corridors, locate door-mounted closer on room side of door.
 - f. At outswinging exterior doors, mount closer on inside of door.
 - g. Size to comply with manufacturer's recommendations for door sizes, locations and accessibility requirements for opening force.

- h. Adjustable to 3 second closing speed from 70 deg opening to 3" from latch.
 - i. Supply heavy-duty, forged steel closer arms, unless otherwise indicated in the Hardware Sets. Provide brackets and plates as required.
 - 1) Where closers are indicated to have mechanical dead-stop, provide heavy duty arms and brackets with an integral positive stop.
 - 2) Where closers are indicated to have mechanical hold open, provide heavy duty units with an additional built-in mechanical holder assembly designed to hold open against normal wind and traffic conditions. Holder to be manually selectable to on-off position.
 - 3) Where closers are indicated to have a cushion-type stop, provide heavy duty arms and brackets with spring stop mechanism to cushion door when opened to maximum degree.
 - 4) Closers shall not be installed on exterior or corridor side of doors; where possible install closers on door for optimum aesthetics. Provide drop plates or other accessories as required for proper mounting.
 - j. Provide with integral back checks.
 - k. Provide spring stops at other exterior outswing doors.
 - l. Provide delayed action function as specified in hardware sets.
 - m. Provide full plastic covers for closers.
 - 2. Manufacturers:
 - a. LCN; 4011 or 4111 Series: www.lcnclosers.com.
 - b. Sargent Manufacturer; 350/351 Series: www.sargentlock.com
 - c. Norton Door Controls; 7500 Series: www.nortondoorcontrols.com.
 - d. Substitutions: See Section 01 60 00 - Product Requirements.
- K. STOPS AND HOLDERS
- 1. Stops: Complying with BHMA A156.8; provide a stop for every swinging door, unless otherwise indicated.
 - a. Provide wall stops, unless otherwise indicated.
 - b. If wall stops are not practical, due to configuration of room or furnishings, provide overhead stop.
 - c. Stop is not required if positive stop feature is specified for door closer; positive stop feature of door closer is not an acceptable substitute for a stop unless specifically so stated.
 - 2. Manufacturers - Wall Stops/Holders:
 - a. Hager Companies: www.hagerco.com.
 - b. Rockwood
 - c. Ives
 - d. Triangle Brass Manufacturing Co., Inc: www.trimcobbw.com.
 - 3. Overhead Holders/Stops:
 - a. Type:
 - 1) Use when door swings more than 105 deg without encountering a wall.
 - (a) Doors up to 36" wide use a Standard Duty concealed mounted stop.
 - (b) Doors over 36" wide, use a Heavy Duty B concealed mounted stop.
 - (c) Exterior doors without a closer or without a perpendicular wall, use a Heavy Duty Surface mounted stop.
 - (d) Use hold open function at non-rated openings when specified in hardware sets.
 - (e) Surface mounted stops may be used at non-public spaces such as janitor closets and storage rooms.
 - b. Manufacturers:
 - 1) Rixson Specialty Door Controls: Checkmate 2 Series www.rixson.com.
 - 2) ABH

4. Magnetic Holder/Releases: Complying with BHMA A156.15; fail safe; doors release to close automatically when electrical current is interrupted; holding force: 25 to 40 pounds-force.
 - a. Manufacturers - Magnetic Holder/Releases:
 - 1) Rixon
 - 2) LCN
 - 3) Substitutions: See Section 01 60 00 - Product Requirements.

L. GASKETING AND THRESHOLDS

1. Gaskets: Complying with BHMA A156.22.
 - a. On each door in smoke partition, provide smoke gaskets; top, sides, and meeting stile of pairs. If fire/smoke partitions are not indicated on drawings, provide smoke gaskets on each door identified as a "smoke door" and 20-minute rated fire doors.
 - b. On wood doors with fire rating more than 20-minutes, provide frame-applied intumescent gaskets.
 - c. On each exterior door, provide weatherstripping gaskets, unless otherwise indicated; top, sides, and meeting stiles of pairs.
 - d. On each exterior door, provide door bottom sweep, unless otherwise indicated.
2. Thresholds:
 - a. At each exterior door, provide a threshold unless otherwise indicated.
 - 1) Use saddle threshold at all public or staff entrances.
 - 2) Use Lip threshold at mechanical rooms, storage rooms and non-occupied spaces unless noted otherwise.
 - b. Field cut threshold to frame for tight fit.
 - c. Fasteners At Exterior Locations: Non-corroding.
 - d. Set all thresholds in bead of sealant - see Section 07 90 05
 - e. Threshold:
 - 1) Type:
 - (a) Lip Threshold: Pemko 2005
 - 2) Other Manufacturers:
 - (a) Reese Enterprises: www.reeseusa.com.

M. SLIDING DOOR HARDWARE

1. 3form Slide 05, wall-mounted, single door, with integral locking hardware

N. PROTECTION PLATES AND ARCHITECTURAL TRIM

1. Type:
 - a. Kick Plate: 8" high x 2" less door width.
 - b. Armor Plate: 34" high x 2" less door width.
 - c. Bevel 3 edges of plates.
 - d. 0.050" thick stainless steel.
2. Protection Plates:
 - a. Kickplate: Provide on push side of every door with closer, except storefront and all-glass doors.
 - b. Armor Plates: Provide where scheduled in hardware sets and where acceptable on fire rated doors.
3. Manufacturers:
 - a. Ives: www.iveshardware.com.
 - b. Rockwood Manufacturing Co.: www.rockwoodmfg.com.
 - c. Trimco: www.trimcobbw.com.

2.04 ACCESS CONTROL

A. Access control and electronic door hardware:

1. Electric Strike:
 - a. UL listed.
 - b. Optional fail safe/fail secure feature
 - c. Compatible with locksets specified.

- d. Base: Von Duprin; HES.
- 2. Power Supply:
 - a. UL listed, filtered and regulated.
 - b. Compatible with components specified.
 - c. Base: Von Duprin; Securitron.
- 3. Power Transfer:
 - a. UL listed.
 - b. Transfer hinge only, exposed transfer loops not acceptable.
 - c. Base: Von Duprin or hinge supplier.
- 4. Keyswitches:
 - a. Key switches MK Securitron with maintained contact operation and indicator signal lights.
- 5. Readers by Owner, unless specified in hardware sets.
- B. Push-button release station
 - 1. Locknetics 660-PB

2.05 KEY CONTROLS

2.06 KEYING

- A. Establish keying system per keying meeting conducted with Owner. Keying to be an extension of existing system. Approved keying schedule must be obtained from owner and submitted to architect for project records. Upon completion of project supply owner with bitting list of cylinders and keying schedule via registered mail.
- B. Provide and set up complete visible card indexed system with key tags and control slips.
- C. Tag and identify keys and install in key cabinet per instructions per keying meeting.
- D. Door Locks: key in groups as directed.
 - 1. Include construction keying.
 - 2. Key to existing keying system.
 - 3. At substantial completion, replace cylinders used for construction keying with permanent cylinders.
- E. Supply keys in the following quantities:
 - 1. 6 master keys.
 - 2. 3 grand master keys.
 - 3. 6 construction keys.
 - 4. 3 change keys for each lock.
 - 5. 50 blank keys.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that doors and frames are ready to receive work; labeled, fire-rated doors and frames are present and properly installed, and dimensions are as instructed by the manufacturer.
- B. Verify that electric power is available to power operated devices and of the correct characteristics.

3.02 INSTALLATION

- A. Install hardware in accordance with manufacturer's instructions and applicable codes.
- B. Use templates provided by hardware item manufacturer.
- C. Do not install surface mounted items until finishes applied to substrate are complete.
- D. Install hardware on fire-rated doors and frames in accordance with code and NFPA 80.
- E. Mounting heights for hardware from finished floor to center line of hardware item:
 - 1. For steel doors and frames: Comply with DHI "Recommended Locations for Architectural Hardware for Steel Doors and Frames."

2. For wood doors: Comply with DHI "Recommended Locations for Architectural Hardware for Wood Flush Doors."

3.03 ADJUSTING

- A. Adjust operating products and equipment to ensure smooth and unhindered operation.
- B. Adjust gasketing for complete, continuous seal; replace if unable to make complete seal.

3.04 CLEANING

- A. Clean adjacent surfaces soiled by hardware installation. Clean finished hardware per manufacturer's instructions after final adjustments has been made. Replace items that cannot be cleaned to manufacturer's level of finish quality at no additional cost.

3.05 PROTECTION

- A. Do not permit adjacent work to damage hardware or finish.

3.06 SCHEDULE - ATTACHED.

3.07 GENERAL

3.08 SCHEDULE

- A. See schedule appended to end of this Section.

END OF SECTION

List of Manufacturers

	<u>SPECIFIED</u>	<u>APPROVED</u>
Hinges	McKinney	Stanley, Hager
Continuous Hinges	Pemko	Stanley, Roton
Locks	Schlage	No Sub
Aluminum Door Locks	Adams Rite	No Sub
Cylinders	Schlage	No Sub
Exit Devices	Sargent	Precision, Von Duprin
Closers	Sargent	LCN 4040 EDA, Norton PR7500
Floor Closers	Rixson	No Sub
Overhead Stops	Rixson	ABH
Flat Goods & Stops	Rockwood	Trimco, Ives
Door Bolts	Rockwood	Ives
Weatherproofing	Pemko	Reese
Wall Actuators	BEA	No Sub
Magnetic Hold Opens	Rixson	LCN
Electrical Accessories	Securitron	Von Duprin/Schlage Electronics
Power Supplies	Securitron	Von Duprin

Hardware Set 1

1	Ea	Continuous Hinge	KCFM83HD1	
1	Ea	Exit Device	43-8813 ETL	US32D
1	Ea	Cylinder		
1	Ea	Closer	351 CPS x 581-2 x 125-V	EN
1	Ea	Drop Plate	351-D	EN

Note: Threshold and Weatherproofing by Door Supplier

Hardware Set 2

1	Ea	Continuous Hinge	KCFM83HD1	
1	Ea	Dummy Push/Pull	43-8893 ETL	US32D
1	Ea	Auto Operator	See Section 084229	
2	Ea	Actuator	10MS08 (Black with Text)	

Keyswitch from 1408A to turn power on/off to operator.

Hardware Set 3

1	Ea	Continuous Hinge	KCFM83HD1	
1	Ea	Exit Device	43-8810	US32D
1	Ea	Closer	351 CPS x 581-2 x 125-V	EN
1	Ea	Drop Plate	351-D	EN

Note: Threshold and Weatherproofing by Door Supplier

Hardware Set 4

6	Ea	Hinge	TA2314 4 ½" x 4 ½" NRP	US26D
2	Ea	Flush Bolt	555-12"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Closer	351 CPS	EN
1	Ea	Overhead Stop	#9	630
2	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Threshold	2005AT	ALUM
1	Ea	Gasket	S88TAN	TAN
1	Ea	Astragal	355CS	

Hardware Set 5

1	Ea	Continuous Hinge	KCFM93HD1	
1	Ea	Exit Device	16-43-8813 ETL	US32D
3	Ea	Cylinder		
1	Ea	Auto Operator	See Section 084229	
2	Ea	Actuator	10MS08 (Black with Text)	
1	Ea	Keyswitch	MKA	630

Keyswitch to turn power on/off to operator. Exit device to be dogged by cylinder dogging device when operator is powered.

Hardware Set 6

All Hardware by Door Supplier

Hardware Set 7

1	Ea	Continuous Hinge	KCFM93HD1	
1	Ea	Lockset	MS1850S-410	628
1	Ea	Cylinder		
1	Ea	Push/Pull	BF15747 x T4	US32D
1	Ea	Closer	351 O	EN
1	Ea	Wall Stop	409	US32D
1	Ea	Position Switch	DPS-M-GY	

Hardware Set 8

1	Ea	Continuous Hinge	KCFM83HD1	
1	Ea	Passage	ND10S RHO	626
1	Ea	Closer	351 O	EN
1	Ea	Wall Stop	409	US32D

Hardware Set 9

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Lockset	ND80PD RHO	626
1	Ea	Closer	351 PS	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Gasket	S88TAN (at fire rated only)	TAN

Hardware Set 10

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND53PD RHO	626
1	Ea	Closer	351 O (351 P10 @ Dr.2002)	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D
1	Ea	Gasket	S88TAN (at fire rated only)	TAN

Hardware Set 11

All Hardware by Door Supplier

Hardware Set 12

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND53PD RHO	626
1	Ea	Wall Stop	409	US32D

Hardware Set 13

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Closer	351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D

Hardware Set 14

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND53PD RHO	626
1	Ea	Overhead Stop	#2	652

Hardware Set 15

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Keypad Lock	AD-200-CY-70-KP-RHO	626
1	Ea	Closer	351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D
1	Ea	Gasket	S88TAN (at fire rated only)	TAN

Hardware Set 16

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Closer	351 P10 (351 O @ Dr. 2033)	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D
1	Ea	Gasket	S88TAN (at fire rated only)	TAN

Hardware Set 17

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Overhead Stop	#2	652

Hardware Set 18

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Wall Stop	409	US32D

Hardware Set 19

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Wall Stop	409	US32D

Hardware Set 20

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Closer	351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D

1	Ea	Gasket	S88TAN	TAN
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Hardware Set 21

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Closer	351 PS (351 O @ Dr. 2004)	EN
1	Ea	Overhead Stop	#2 (@ Dr. 2004)	652
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Gasket	S88TAN (at fire rated only)	TAN

Hardware Set 22

1	Ea	Privacy	ND40S RHO	626
1	Ea	Wall Stop	409	US32D

(Hinges provided by door/frame manufacturer)

Hardware Set 23

1	Ea	Privacy	ND40S RHO	626
1	Ea	Overhead Stop	#2	630

(Hinges provided by door/frame manufacturer)

Hardware Set 24

1	Ea	Lockset	ND80PD RHO	626
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D

(Hinges provided by door/frame manufacturer)

Hardware Set 25

1	Ea	Lockset	ND70PD RHO	626
1	Ea	Closer	351 PS-SRI	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Auto Dr. Bottom	434APKL	
1	Ea	Gasket	S88TAN	TAN

(Hinges provided by door/frame manufacturer)

Hardware Set 26

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Privacy	ND40S RHO	626
1	Ea	Overhead Stop	#2	652

Hardware Set 27

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Closer	351 H	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D

Hardware Set 28

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Closer	351 O	EN
1	Ea	Overhead Stop	#2	652
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Gasket	S88TAN (at fire rated only)	TAN

Hardware Set 29

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Exit Device	43-8813 ETL	US32D
1	Ea	Cylinder		
1	Ea	Closer	351 P10	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Magnet	998	689

Hardware Set 30

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Push Plate	70C	US32D
1	Ea	Pull Plate	108 x 70C	US32D
1	Ea	Auto Operator	See Section 084229	
2	Ea	Actuator	10MS08 (Black with Text)	
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D

Hardware Set 31

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND80PD RHO	626
1	Ea	Overhead Stop	#2	652

Hardware Set 32

3	Ea	Swing Clear Hinge	T4A4795 5"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Wall Stop	409	US32D

Hardware Set 33

6	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
2	Ea	Dummy Trim	ND170 RHO	626
2	Ea	Roller Latch	592	US26D
2	Ea	Overhead Stop	#10	652

Hardware Set 34

2	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Electric Hinge	T4A3786-QC8 5" x 4 ½"	US26D
1	Ea	Exit Device	12-43-56-8813 ETL	US32D
2	Ea	Cylinder		
1	Ea	Auto Operator	See Section 084229	
1	Ea	Actuator	10MS08 (Black with Text)	
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D
1	Ea	Keyswitch	MKA	630
1	Ea	Wire Harness	QC-C006P	
1	Ea	Power Supply	BPS-24-1	
1	Ea	Gasket	S88TAN	

Keyswitch to turn power on/off to operator. Actuator to initiate latch retraction of exit device prior to engaging operator.

Hardware Set 35

3	Ea	Swing Clear Hinge	TA4895 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Wall Stop	409	US32D

Hardware Set 36

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Closer	351 O (351 P10 @ Dr. 1363, 1452B, 2022 & 2030)	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D

1	Ea	Gasket	S88TAN (at fire rated only)	TAN
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Hardware Set 37

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Privacy	ND40S RHO	626
1	Ea	Overhead Stop	#2	652

Hardware Set 38

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND80PD RHO	626
1	Ea	Closer	351 PS (351 O @ Dr. 1360)	EN
1	Ea	Overhead Stop	#2 (@ Dr. 1360)	652
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Gasket	S88TAN (at fire rated only)	TAN

Hardware Set 39

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Privacy	ND40S RHO	626
1	Ea	Wall Stop	409	US26D

Hardware Set 40

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Wall Stop	409	US32D

Hardware Set 41

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Privacy	ND40S RHO	626
1	Ea	Closer	351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D

Hardware Set 42

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND80PD RHO	626
1	Ea	Closer	351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D

1	Ea	Wall Stop	409	US32D
1	Ea	Gasket	S88TAN (at fire rated only)	TAN

Hardware Set 43

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Closer	351 PS (351 O @ Dr. 1429)	EN
1	Ea	Overhead Stop	#2 (@ Dr. 1429)	652
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Gasket	S88TAN (at fire rated only)	TAN

Hardware Set 44

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Keypad Lock	AD-200-CY-70-KP-RHO	626
1	Ea	Closer	351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Magnet	998	689
1	Ea	Gasket	S88TAN	TAN

Hardware Set 45

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Keypad Lock	AD-200-CY-70-KP-RHO	626
1	Ea	Closer	DA-351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D
1	Ea	Gasket	S88TAN	TAN

Hardware Set 46

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Closer	351 P10	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Magnet	998	689
1	Ea	Gasket	S88TAN	TAN

Hardware Set 47

4	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
2	Ea	Electric Hinge	T4A3786-QC8 5" x 4 ½"	US26D
2	Ea	Exit Device	43-56-LD-NB8713 ETL	US32D
3	Ea	Cylinder		
2	Ea	Auto Operator	See Section 084229	
2	Ea	Actuator	10MS08 (Black with Text)	
2	Ea	Armor Plate	K1050-34" x 2" L.D.W.	US32D
2	Ea	Wall Stop	409	US32D
1	Ea	Keyswitch	MKA	630
2	Ea	Wire Harness	QC-C006P	
1	Ea	Power Supply	BPS-24-2	
1	Ea	Gasket	S88TAN	
2	Ea	Astragal	305CN	

Keyswitch to turn power on/off to operators. Actuator to initiate latch retraction of exit devices prior to engaging operators.

Hardware Set 48

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Overhead Stop	#2	652

Hardware Set 49

1	Set	Pivots	EP-5J	US26D
1	Ea	Privacy	ND40S RHO	626
1	Ea	Strike & Stop	CSS-9 Offset Hung	US26D
1	Ea	Wall Stop	409	US32D
1	Ea	Gasket	S88TAN	TAN

Hardware Set 50

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Closer	DA-351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D
1	Ea	Gasket	S88TAN	TAN

Hardware Set 51

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Closer	DA-351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D
1	Ea	Gasket	S88TAN	TAN

Hardware Set 52

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Closer	DA-351 O	EN
1	Ea	Armor Plate	K1050-34" x 2" L.D.W.	US32D
1	Ea	Wall Magnet	998	689
1	Ea	Gasket	S88TAN	TAN

Hardware Set 53

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Closer	DA-351 O	EN
1	Ea	Armor Plate	K1050-34" x 2" L.D.W.	US32D
1	Ea	Wall Magnet	998	689
1	Ea	Gasket	S88TAN	TAN

Hardware Set 54

6	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
2	Ea	Push Plate	70C	US32D
2	Ea	Pull Plate	108 x 70C	US32D
2	Ea	Auto Operator	See Section 084229	
4	Ea	Actuator	10MS08 (Black with Text)	
2	Ea	Armor Plate	K1050-34" x 2" L.D.W.	US32D
2	Ea	Wall Stop	409	US32D

Hardware Set 55

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Privacy	ND40S RHO	626
1	Ea	Wall Stop	409	US32D

Hardware Set 56

6	Ea	Swing Clear Hinge	T4A4795 5"	US26D
1	Ea	Auto Flush Bolt	2940 (top only)	US26D
1	Ea	Hospital Latch	596 ASA	US32D
1	Ea	Closer	DA-351 O (active leaf)	EN
1	Ea	Overhead Stop	#2 (inactive leaf)	652
2	Ea	Armor Plate	K1050-34" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409 (active leaf)	US32D
2	Ea	Auto Dr. Bottom	434APKL	
1	Ea	Gasket	S88TAN	TAN
1	Ea	Astragal	375CR (mount on inactive leaf)	

Hardware Set 57

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Push Plate	70C	US32D
1	Ea	Pull Plate	108 x 70C	US32D
1	Ea	Closer	351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D

Hardware Set 58

1	Ea	Floor Closer	W5020NBC	626
2	Ea	Push Plate	70C	US32D
1	Ea	Overhead Stop	#5 (90 degree dead stop)	EN
2	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D

Hardware Set 59

6	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
2	Ea	Push Plate	70C	US32D
2	Ea	Auto Operator	See Section 084229	
2	Ea	Actuator	10MS08 (Black with Text)	
2	Ea	Armor Plate	K1050-34" x 2" L.D.W.	US32D
2	Ea	Wall Stop	409	US32D

Hardware Set 60

4	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
2	Ea	Electric Hinge	T4A3786-QC8 5" x 4 ½"	US26D
2	Ea	Exit Device	12-43-56-NB8710	US32D
2	Ea	Auto Operator	See Section 084229	
2	Ea	Actuator	10MS08 (Black with Text)	
2	Ea	Armor Plate	K1050-34" x 2" L.D.W.	US32D
2	Ea	Wall Stop	409	US32D
2	Ea	Wire Harness	QC-C006P	
1	Ea	Power Supply	BPS-24-2	
1	Ea	Gasket	S88TAN	
2	Ea	Astragal	305CN	

Actuator to initiate latch retraction of exit devices prior to engaging operators.

Hardware Set 61

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Passage	ND10S RHO	626
1	Ea	Closer	351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Magnet	998	689
1	Ea	Gasket	S88TAN	TAN

Hardware Set 62

3	Ea	Swing Clear Hinge	T4A4795 5"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Closer	DA-351 O	EN
1	Ea	Overhead Stop	#2	652
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Gasket	S88TAN	TAN

Hardware Set 63

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Lockset	ND53PD RHO	626
1	Ea	Wall Stop	409	US32D

Hardware Set 64

6	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
2	Ea	Push Plate	70C	US32D

2	Ea	Pull Plate	108 x 70C	US32D
2	Ea	Auto Operator	See Section 084229	
3	Ea	Actuator	10MS08 (Black with Text)	
2	Ea	Armor Plate	K1050-34" x 2" L.D.W.	US32D

Hardware Set 65

8	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Flush Bolt	555-36"	US26D
1	Ea	Flush Bolt	555-12"	US26D
1	Ea	Keypad Lock	AD-200-CY-70-KP-RHO	626
1	Ea	Closer	351 CPS (active leaf)	EN
1	Ea	Overhead Stop	#2 (inactive leaf)	652
2	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D

Hardware Set 66

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Exit Device	43-8813 ETL	US32D
1	Ea	Cylinder		
1	Ea	Closer	351 O	EN
1	Ea	Overhead Stop	#2	652
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D

Hardware Set 67

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Exit Device	12-43-8813 ETL	US32D
1	Ea	Cylinder		
1	Ea	Closer	351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D
1	Ea	Gasket	S88TAN	TAN

Hardware Set 68

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Exit Device	43-8813 ETL	US32D
1	Ea	Cylinder		
1	Ea	Closer	351 P10	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D

Hardware Set 69

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND80PD RHO	626
1	Ea	Electric Strike	4500C	630
1	Ea	Closer	351 O	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Wall Stop	409	US32D

1	Ea	Gasket	S88TAN (at fire rated only)	TAN
1	Ea	Power Supply	BPS-24-1	

Card Reader by Owner

Hardware Set 70

3	Ea	Hinge	TA2714 4 ½" x 4 ½"	US26D
1	Ea	Lockset	ND70PD RHO	626
1	Ea	Closer	351 PS	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D

Hardware Set 71

3	Ea	Hinge	TA2314 4 ½" x 4 ½" NRP	US32D
1	Ea	Lockset	ND80PD RHO	626
1	Ea	Closer	351 CPS	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Threshold	2005AT	ALUM
1	Ea	Gasket	S88TAN	TAN

Hardware Set 72

3	Ea	Hinge	T4A3786 5" x 4 ½"	US26D
1	Ea	Lockset	ND80PD RHO	626
1	Ea	Closer	351 PS	EN
1	Ea	Kick Plate	K1050-8" x 2" L.D.W.	US32D
1	Ea	Gasket	S88TAN	TAN
1	Ea	Auto door bottom	412DPKL	TAN

Hardware Set 73

1	Ea	Continuous Hinge	KCFM83HD1	
1	Ea	Exit Device	16-43-8804 ETL	US32D
3	Ea	Cylinder		
1	Ea	Auto Operator	See Section 084229	
1	Ea	Motion Sensor	10BODYGUARDIII	
1	Ea	Actuator	10MS08 (Black with Text)	
1	Ea	Key switch	MKA	630

Note: Threshold and Weatherproofing by Door Supplier

Key switch to turn power on/off to operators @ 1408A & 1408B. Exit device to be dogged by cylinder dogging device when operator is powered.

SECTION 08 80 00

GLAZING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Glass
- B. Kiln-formed Glass
- C. Insulated glass units with integral blinds
- D. Acrylic laser protection glazing
- E. Sliding window and track

1.02 RELATED REQUIREMENTS

- A. Section 07 25 00 - Weather Barriers.
- B. Section 07 90 05 - Joint Sealers: Sealant and back-up material.
- C. Section 08 43 13 - Aluminum-Framed Storefronts: Glazing furnished by storefront manufacturer.
- D. Section 08 44 13 - Glazed Aluminum Curtain Walls: Glazing furnished by wall manufacturer.

1.03 REFERENCE STANDARDS

- A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; current edition.
- B. ASTM C1036 - Standard Specification for Flat Glass; 2011e1.
- C. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2012.
- D. ASTM E1300 - Standard Practice for Determining Load Resistance of Glass in Buildings; 2012a.
- E. ASTM E2190 - Standard Specification for Insulating Glass Unit Performance and Evaluation; 2010.
- F. GANA (GM) - GANA Glazing Manual; Glass Association of North America; 2009.
- G. ICC (IBC) - International Building Code; 2012.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data on Glass Types: Provide structural, physical and environmental characteristics, size limitations, special handling or installation requirements.
- C. Samples: Submit two samples 12x12 inch in size of glass units.

1.05 QUALITY ASSURANCE

- A. Perform Work in accordance with GANA Glazing Manual and FGMA Sealant Manual for glazing installation methods.

1.06 FIELD CONDITIONS

- A. Do not install glazing when ambient temperature is less than 50 degrees F.
- B. Maintain minimum ambient temperature before, during and 24 hours after installation of glazing compounds.

1.07 WARRANTY

- A. See Section 01 78 01 - Warranties, for additional warranty requirements.
- B. Sealed Insulating Glass Units: Provide a five (5) year warranty to include coverage for seal failure, interpane dusting or misting, including replacement of failed units.

PART 2 PRODUCTS

2.01 GLAZING TYPES

- A. Type IG-1 - Sealed Insulating Glass Units: Vision glazing.
 - 1. Application(s): All exterior glazing unless otherwise indicated.
 - 2. Outboard Lite: Annealed float glass, 1/4 inch thick, minimum.
 - a. Tint: VE-2/Evergreen, to match existing
 - b. Coating: Low-E type, on #2 surface.
 - 3. Inboard Lite: Annealed float glass, 1/4 inch thick, minimum.
 - a. Tint: Clear.
 - 4. Total Thickness: 1 inch.
- B. Type IG-2 - Sealed Insulating Glass Units: Spandrel glazing.
 - 1. Application: Exterior glazing where indicated.
 - 2. Outboard Lite: Annealed float glass, 1/4 inch thick, minimum.
 - a. Tint: VE-2/Evergreen, to match existing
 - b. Coating: Same as on vision units, on #2 surface.
 - 3. Inboard Lite: Heat-strengthened float glass, 1/4 inch thick.
 - a. Tint: Clear.
 - b. Opacifier: Ceramic frit, on #4 surface.
 - 4. Total Thickness: 1 inch.
- C. Type IG-3 - Sealed Insulating Glass Units: Safety glazing:
 - 1. Applications: Provide this type of glazing in the following locations:
 - a. Glazed sidelights and panels next to doors.
 - b. Other locations required by applicable federal, state, and local codes and regulations.
 - c. Other locations indicated on the drawings.
 - 2. Type: Same as other vision glazing except use fully tempered float glass for both outboard and inboard lites.
 - 3. Type IG-4 - Sealed Insulating Glass Units: Spandrel glazing.
 - a. Application: Exterior glazing where indicated.
 - b. Outboard Lite: Fully tempered float glass, 1/4 inch thick, minimum.
 - 1) Tint: Clear.
 - 2) Coating: Same as on vision units, on #2 surface.
 - c. Inboard Lite: Fully tempered float glass, 1/4 inch thick.
 - 1) Tint: Clear.
 - 2) Opacifier: Ceramic frit, on #4 surface.
 - d. Total Thickness: 1 inch.
- D. Type S-1 - Single Vision Glazing:
 - 1. Applications: All interior glazing unless otherwise indicated.
 - 2. Type: Fully tempered float glass.
 - 3. Tint: Clear.
 - 4. Thickness: 1/4 inch.
- E. Type S-2 - Fire-Protection-Rated Glazing:
 - 1. IBC Fire Protection Rating: D-H-T-90 or W-90, minimum.
 - 2. Safety Certification: 16 CFR 1201 Category II.
 - 3. Applications: Provide this type of glazing in the following locations:
 - a. Glazed lites in fire doors.
 - 4. Fire Rating: As indicated on the drawings.
 - 5. Thickness: 1/4 inch.
- F. Type S-3 - Single Safety Glazing: Non-fire-rated (ADH-3)
 - 1. Applications: Provide this type of glazing in the following locations:
 - a. Used as marker board in Board Room
 - b. Paint back white
 - 2. Type: Fully tempered float glass as specified.

3. Tint: Clear.
4. Thickness: 3/8" inch.

2.02 EXTERIOR GLAZING ASSEMBLIES

- A. Structural Design Criteria: Select type and thickness to withstand dead loads and wind loads acting normal to plane of glass at design pressures calculated in accordance with ASCE 7.
 1. Use the procedure specified in ASTM E1300 to determine glass type and thickness.
 2. Limit glass deflection to 1/200 or flexure limit of glass, whichever is less, with full recovery of glazing materials.
 3. Thicknesses listed are minimum.
- B. Air and Vapor Seals: Provide completed assemblies that maintain continuity of building enclosure vapor retarder and air barrier:
 1. In conjunction with vapor retarder and joint sealer materials described in other sections.
 2. To maintain a continuous air barrier and vapor retarder throughout the glazed assembly from glass pane to heel bead of glazing sealant.

2.03 GLASS MATERIALS

- A. Float Glass Manufacturers:
 1. Zeledyne: www.versaluxglass.com.
 2. AGC Flat Glass North America, Inc: www.na.agc-flatglass.com.
 3. Pilkington North America Inc: www.pilkington.com/na.
 4. PPG Industries, Inc: www.ppgideascales.com.
 5. Visteon Glass Systems: www.visteon.com/floatglass.
- B. Float Glass: All glazing is to be float glass unless otherwise indicated.
 1. Annealed Type: ASTM C1036, Type I, transparent flat, Class 1 clear, Quality Q3 (glazing select).
 2. Heat-Strengthened and Fully Tempered Types: ASTM C1048.
 3. Tinted Types: Color and performance characteristics as indicated.
 4. Thicknesses: As indicated; for exterior glazing comply with specified requirements for wind load design regardless of specified thickness.
- C. Fire-Protection-Rated Glazing: Type, thickness, and configuration as required to achieve indicated ratings.
 1. IBC Fire Protection Rating: As indicated on drawings.
 2. Provide products listed by Underwriters Laboratories or Intertek Warnock Hersey.
 3. Labeling: Provide permanent label on each piece giving the IBC rating and other information required by the applicable code.
- D. Fire-Protection-Rated Glazing:
 1. IBC Fire Protection Rating: D-H-T-90 or W-90, minimum.

2.04 SEALED INSULATING GLASS UNITS

- A. Manufacturers:
 1. Any of the manufacturers specified for float glass.
 2. Substitutions: Refer to Section 01 60 00 - Product Requirements.
- B. Sealed Insulating Glass Units: Types as indicated.
 1. Durability: Certified by an independent testing agency to comply with ASTM E2190.
 2. Edge Spacers: Aluminum, bent and soldered corners.
 3. Edge Seal: Glass to elastomer with supplementary silicone sealant.
 4. Purge interpane space with dry hermetic air.

2.05 KILN-FORMED GLASS

- A. Joel Berman Glass Studios: "Eska"
 1. Tempered
 2. Kiln polished edges
 3. Size and thickness as noted on drawings and in schedule

2.06 INSULATED GLASS WITH INTEGRAL BLINDS

- A. Unicel Architectural "Vision Control Mini"
 - 1. Provide with knob operator option.
 - 2. Blinds color to be selected from manufacturer's complete color line.

2.07 ACRYLIC LASER PROTECTION GLAZING

- A. Manufacturer:
 - 1. Laser Safety Industries
 - 2. Substitutions: Refer to Section 01 60 00 - Product Requirements.
- B. Laser information:
 - 1. Wavelength: 980 nanometers
 - 2. Optical Density: 5.2
 - 3. Type of laser: Biolotec / fluid type - made to run in saline solution
 - 4. Hospital's Laser Safety Officer (LSO) to review and approve all submittals prior to installation.

2.08 SLIDING GLASS WINDOWS AND TRACK

- A. Epco
 - 1. 732 upper guide
 - 2. 771 plastic guide strips, min 2 per window
 - 3. 743 shoe moulding, 2 per window
 - 4. 753 steel ball-bearing roller, one per shoe
 - 5. 723 double track
 - 6. 710-A track base

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that openings for glazing are correctly sized and within tolerance.
- B. Verify that surfaces of glazing channels or recesses are clean, free of obstructions that may impede moisture movement, weeps are clear, and ready to receive glazing.

3.02 INSTALLATION - PLASTIC FILM

- A. Install plastic film with adhesive, applied in accordance with film manufacturer's instructions.
- B. Place without air bubbles, creases or visible distortion.
- C. Fit tight to glass perimeter with razor cut edge.

3.03 CLEANING

- A. Remove glazing materials from finish surfaces.
- B. Remove labels after Work is complete.
- C. Clean glass and adjacent surfaces.

END OF SECTION

SECTION 22 47 00

DRINKING FOUNTAINS AND WATER COOLERS

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. This Section includes the following water coolers and related components:
 - 1. Pressure water coolers.

1.3 DEFINITIONS

- A. Accessible Water Cooler: Fixture that can be approached and used by people with disabilities.
- B. Cast Polymer: Dense, cast-filled-polymer plastic.
- C. Drinking Fountain: Fixture with nozzle for delivering stream of water for drinking.
- D. Fitting: Device that controls flow of water into or out of fixture.
- E. Fixture: Drinking fountain or water cooler unless one is specifically indicated.
- F. Remote Water Cooler: Electrically powered equipment for generating cooled drinking water.
- G. Water Cooler: Electrically powered fixture for generating and delivering cooled drinking water.

1.4 SUBMITTALS

- A. Product Data: For each fixture indicated. Include rated capacities, furnished specialties, and accessories.
- B. Shop Drawings: Diagram power, signal, and control wiring.
- C. Field quality-control test reports.
- D. Operation and Maintenance Data: For fixtures to include in emergency, operation, and maintenance manuals.

1.5 QUALITY ASSURANCE

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
- B. Regulatory Requirements: Comply with requirements in ICC A117.1, "Accessible and Usable Buildings and Facilities"; Public Law 90-480, "Architectural Barriers Act"; and Public Law 101-336, "Americans with Disabilities Act"; for fixtures for people with disabilities.

- C. NSF Standard: Comply with NSF 61, "Drinking Water System Components--Health Effects," for fixture materials that will be in contact with potable water.
- D. ARI Standard: Comply with ARI's "Directory of Certified Drinking Water Coolers" for style classifications.
- E. ARI Standard: Comply with ARI 1010, "Self-Contained, Mechanically Refrigerated Drinking-Water Coolers," for water coolers and with ARI's "Directory of Certified Drinking Water Coolers" for type and style classifications.
- F. ASHRAE Standard: Comply with ASHRAE 34, "Designation and Safety Classification of Refrigerants," for water coolers. Provide HFC 134a (tetrafluoroethane) refrigerant, unless otherwise indicated.

PART 2 - PRODUCTS

2.1 PRESSURE WATER COOLERS

- A. Water Coolers:
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Elkay Manufacturing Co.
 - b. Halsey Taylor.
 - c. Haws Corporation.
 - d. Larco, Inc.
 - e. Oasis Corporation.
 - f. Sunroc Corp.
 - g. Description: Accessible, ARI 1010, Type PB, pressure with bubbler, Style W, wall-mounting water cooler for adult-mounting height.
 - h. Cabinet: Bilevel with two attached cabinets.
 - i. Bubbler: One, with adjustable stream regulator, located on each cabinet deck.
 - j. Control: Push bar.
 - k. Supply: NPS 3/8 with ball, gate, or globe valve.
 - l. Filter: One or more water filters complying with NSF 42 and NSF 53 for cyst and lead reduction to below EPA standards; with capacity sized for unit peak flow rate.
 - m. Drain(s): Grid with NPS 1-1/4 minimum horizontal waste and trap complying with ASME A112.18.1.
 - n. Cooling System: Electric, with hermetically sealed compressor, cooling coil, air-cooled condensing unit, corrosion-resistant tubing, refrigerant, corrosion-resistant-metal storage tank, and adjustable thermostat.
 - 1) Capacity: 8 gph of 50 deg F cooled water from 80 deg F inlet water and 90 deg F ambient air temperature.
 - 2) Electrical Characteristics: 1/6 hp; 120-V ac; single phase; 60 Hz.
 - o. Support: Type II, water cooler carrier. Refer to "Fixture Supports" Article.

2.2 FIXTURE SUPPORTS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
- B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Josam Co.
 - 2. MIFAB Manufacturing, Inc.
 - 3. Smith, Jay R. Mfg. Co.
 - 4. Tyler Pipe; Wade Div.
 - 5. Watts Drainage Products Inc.; a div. of Watts Industries, Inc.
 - 6. Zurn Plumbing Products Group; Specification Drainage Operation.

- C. Description: ASME A112.6.1M, water cooler carriers. Include vertical, steel uprights with feet and tie rods and bearing plates with mounting studs matching fixture to be supported.
 - 1. Type II: Bilevel, hanger-type carrier with three vertical uprights.
 - 2. Supports for Accessible Fixtures: Include rectangular, vertical, steel uprights instead of steel pipe uprights.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine roughing-in for water and waste piping systems to verify actual locations of piping connections before fixture installation. Verify that sizes and locations of piping and types of supports match those indicated.
- B. Examine walls and floors for suitable conditions where fixtures are to be installed.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 APPLICATIONS

- A. Use carrier off-floor supports for wall-mounting fixtures, unless otherwise indicated.
- B. Use mounting frames for recessed water coolers, unless otherwise indicated.
- C. Set freestanding and pedestal drinking fountains on floor.
- D. Set remote water coolers on floor, unless otherwise indicated.
- E. Use chrome-plated brass or copper tube, fittings, and valves in locations exposed to view. Plain copper tube, fittings, and valves may be used in concealed locations.

3.3 INSTALLATION

- A. Install off-floor supports affixed to building substrate and attach wall-mounting fixtures, unless otherwise indicated.
- B. Install mounting frames affixed to building construction and attach recessed water coolers to mounting frames, unless otherwise indicated.
- C. Install fixtures level and plumb. For fixtures indicated for children, install at height required by authorities having jurisdiction.
- D. Install water-supply piping with shutoff valve on supply to each fixture to be connected to water distribution piping. Use ball, gate, or globe valve. Install valves in locations where they can be easily reached for operation. Valves are specified in Division 22 Section "General-Duty Valves for Plumbing Piping."
- E. Install trap and waste piping on drain outlet of each fixture to be connected to sanitary drainage system.
- F. Install pipe escutcheons at wall penetrations in exposed, finished locations. Use deep-pattern escutcheons where required to conceal protruding pipe fittings. Escutcheons are specified in Division 22 Section "Common Work Results for Plumbing."

- G. Seal joints between fixtures and walls and floors using sanitary-type, one-part, mildew-resistant, silicone sealant. Match sealant color to fixture color. Sealants are specified in Division 07 Section "Joint Sealants."

3.4 CONNECTIONS

- A. Piping installation requirements are specified in other Division 22 Sections. Drawings indicate general arrangement of piping, fittings, and specialties.
- B. Connect fixtures with water supplies, stops, and risers, and with traps, soil, waste, and vent piping. Use size fittings required to match fixtures.
- C. Ground equipment according to Division 26 Section "Grounding and Bonding for Electrical Systems."
- D. Connect wiring according to Division 26 Section "Low-Voltage Electrical Power Conductors and Cables."

3.5 FIELD QUALITY CONTROL

- A. Water Cooler Testing: After electrical circuitry has been energized, test for compliance with requirements. Test and adjust controls and safeties.
 - 1. Remove and replace malfunctioning units and retest as specified above.
 - 2. Report test results in writing.

3.6 ADJUSTING

- A. Adjust fixture flow regulators for proper flow and stream height.
- B. Adjust water cooler temperature settings.

3.7 CLEANING

- A. After completing fixture installation, inspect unit. Remove paint splatters and other spots, dirt, and debris. Repair damaged finish to match original finish.
- B. Clean fixtures, on completion of installation, according to manufacturer's written instructions.

END OF SECTION 22 47 00

SECTION 26 05 48

VIBRATION AND SEISMIC CONTROLS FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Isolation pads.
 - 2. Spring isolators.
 - 3. Restrained spring isolators.
 - 4. Channel support systems.
 - 5. Restraint cables.
 - 6. Hanger rod stiffeners.
 - 7. Anchorage bushings and washers.

1.2 PERFORMANCE REQUIREMENTS

- A. Seismic-Restraint Loading:
 - 1. Site Design Category: C.

1.3 QUALITY ASSURANCE

- A. Comply with seismic-restraint requirements in the IBC unless requirements in this Section are more stringent.
- B. Welding Qualifications: Qualify procedures and personnel according to AWS D1.1/D1.1M, "Structural Welding Code - Steel."
- C. Seismic-restraint devices shall have horizontal and vertical load testing and analysis and shall bear anchorage preapproval OPA number from OSHPD, preapproval by ICC-ES, or preapproval by another agency acceptable to authorities having jurisdiction, showing maximum seismic-restraint ratings. Ratings based on independent testing are preferred to ratings based on calculations. If preapproved ratings are not available, submittals based on independent testing are preferred. Calculations (including combining shear and tensile loads) to support seismic-restraint designs must be signed and sealed by a qualified professional engineer.
- D. Comply with NFPA 70.

PART 2 - PRODUCTS

2.1 VIBRATION ISOLATORS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Ace Mountings Co., Inc.
 - 2. Amber/Booth Company, Inc.
 - 3. California Dynamics Corporation.
 - 4. Isolation Technology, Inc.
 - 5. Kinetics Noise Control.
 - 6. Mason Industries.
 - 7. Vibration Eliminator Co., Inc.
 - 8. Vibration Isolation.
 - 9. Vibration Mountings & Controls Inc.

- B. Pads: Arrange in single or multiple layers of sufficient stiffness for uniform loading over pad area, molded with a nonslip pattern and galvanized-steel baseplates, and factory cut to sizes that match requirements of supported equipment.
 - 1. Resilient Material: Oil- and water-resistant neoprene.
- C. Spring Isolators: Freestanding, laterally stable, open-spring isolators.
 - 1. Outside Spring Diameter: Not less than 80 percent of the compressed height of the spring at rated load.
 - 2. Minimum Additional Travel: 50 percent of the required deflection at rated load.
 - 3. Lateral Stiffness: More than 80 percent of rated vertical stiffness.
 - 4. Overload Capacity: Support 200 percent of rated load, fully compressed, without deformation or failure.
 - 5. Baseplates: Factory drilled for bolting to structure and bonded to 1/4-inch- thick, rubber isolator pad attached to baseplate underside. Baseplates shall limit floor load to 500 psig.
 - 6. Top Plate and Adjustment Bolt: Threaded top plate with adjustment bolt and cap screw to fasten and level equipment.
- D. Restrained Spring Isolators: Freestanding, steel, open-spring isolators with seismic or limit-stop restraint.
 - 1. Housing: Steel with resilient vertical-limit stops to prevent spring extension due to weight being removed; factory-drilled baseplate bonded to 1/4-inch- thick, neoprene or rubber isolator pad attached to baseplate underside; and adjustable equipment mounting and leveling bolt that acts as blocking during installation.
 - 2. Restraint: Seismic or limit-stop as required for equipment and authorities having jurisdiction.
 - 3. Outside Spring Diameter: Not less than 80 percent of the compressed height of the spring at rated load.
 - 4. Minimum Additional Travel: 50 percent of the required deflection at rated load.
 - 5. Lateral Stiffness: More than 80 percent of rated vertical stiffness.
 - 6. Overload Capacity: Support 200 percent of rated load, fully compressed, without deformation or failure.

2.2 SEISMIC-RESTRAINT DEVICES

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Amber/Booth Company, Inc.
 - 2. California Dynamics Corporation.
 - 3. Cooper B-Line, Inc.; a division of Cooper Industries.
 - 4. Hilti Inc.
 - 5. Loos & Co.; Seismic Earthquake Division.
 - 6. Mason Industries.
 - 7. TOLCO Incorporated; a brand of NIBCO INC.
 - 8. Unistrut; Tyco International, Ltd.
- B. General Requirements for Restraint Components: Rated strengths, features, and application requirements shall be as defined in reports by an agency acceptable to authorities having jurisdiction.
 - 1. Structural Safety Factor: Allowable strength in tension, shear, and pullout force of components shall be at least four times the maximum seismic forces to which they will be subjected.
- C. Hanger Rod Stiffener: Steel tube or steel slotted-support-system sleeve with internally bolted connections to hanger rod. Do not weld stiffeners to rods.
- D. Bushings for Floor-Mounted Equipment Anchor: Neoprene bushings designed for rigid equipment mountings, and matched to type and size of anchors and studs.
- E. Bushing Assemblies for Wall-Mounted Equipment Anchorage: Assemblies of neoprene elements and steel sleeves designed for rigid equipment mountings, and matched to type and size of attachment devices.

- F. Resilient Isolation Washers and Bushings: One-piece, molded, oil- and water-resistant neoprene, with a flat washer face.
- G. Mechanical Anchor: Drilled-in and stud-wedge or female-wedge type in zinc-coated steel for interior applications and stainless steel for exterior applications. Select anchors with strength required for anchor and as tested according to ASTM E 488. Minimum length of eight times diameter.
- H. Adhesive Anchor: Drilled-in and capsule anchor system containing polyvinyl or urethane methacrylate-based resin and accelerator, or injected polymer or hybrid mortar adhesive. Provide anchor bolts and hardware with zinc-coated steel for interior applications and stainless steel for exterior applications. Select anchor bolts with strength required for anchor and as tested according to ASTM E 488.

PART 3 - EXECUTION

3.1 APPLICATIONS

- A. Multiple Raceways or Cables: Secure raceways and cables to trapeze member with clamps approved for application by an agency acceptable to authorities having jurisdiction.
- B. Hanger Rod Stiffeners: Install hanger rod stiffeners where required to prevent buckling of hanger rods due to seismic forces.
- C. Strength of Support and Seismic-Restraint Assemblies: Where not indicated, select sizes of components so strength will be adequate to carry present and future static and seismic loads within specified loading limits.

3.2 SEISMIC-RESTRAINT DEVICE INSTALLATION

- A. Equipment and Hanger Restraints:
 - 1. Install restrained isolators on electrical equipment.
 - 2. Install resilient, bolt-isolation washers on equipment anchor bolts where clearance between anchor and adjacent surface exceeds 0.125 inch.
 - 3. Install seismic-restraint devices using methods approved by an agency acceptable to authorities having jurisdiction providing required submittals for component.
- B. Install bushing assemblies for mounting bolts for wall-mounted equipment, arranged to provide resilient media where equipment or equipment-mounting channels are attached to wall.
- C. Attachment to Structure: If specific attachment is not indicated, anchor bracing to structure at flanges of beams, at upper truss chords of bar joists, or at concrete members.
- D. Drilled-in Anchors:
 - 1. Identify position of reinforcing steel and other embedded items prior to drilling holes for anchors. Do not damage existing reinforcing or embedded items during coring or drilling. Notify the structural engineer if reinforcing steel or other embedded items are encountered during drilling. Locate and avoid prestressed tendons, electrical and telecommunications conduit, and gas lines.
 - 2. Do not drill holes in concrete or masonry until concrete, mortar, or grout has achieved full design strength.
 - 3. Wedge Anchors: Protect threads from damage during anchor installation. Heavy-duty sleeve anchors shall be installed with sleeve fully engaged in the structural element to which anchor is to be fastened.
 - 4. Adhesive Anchors: Clean holes to remove loose material and drilling dust prior to installation of adhesive. Place adhesive in holes proceeding from the bottom of the hole and progressing toward the surface in such a manner as to avoid introduction of air pockets in the adhesive.

5. Set anchors to manufacturer's recommended torque, using a torque wrench.
6. Install zinc-coated steel anchors for interior and stainless-steel anchors for exterior applications.

3.3 ACCOMMODATION OF DIFFERENTIAL SEISMIC MOTION

- A. Install flexible connections in runs of raceways, cables, wireways, cable trays, and busways where they cross seismic joints, where adjacent sections or branches are supported by different structural elements, and where they terminate with connection to equipment that is anchored to a different structural element from the one supporting them as they approach equipment.

3.4 FIELD QUALITY CONTROL

- A. Tests and Inspections:
 1. Obtain Architect's approval before transmitting test loads to structure. Provide temporary load-spreading members.
 2. Test at least four of each type and size of installed anchors and fasteners selected by Architect.
 3. Test to 90 percent of rated proof load of device.
 4. Measure isolator restraint clearance.
 5. Measure isolator deflection.
 6. Verify snubber minimum clearances.
 7. If a device fails test, modify all installations of same type and retest until satisfactory results are achieved.
- B. Remove and replace malfunctioning units and retest as specified above.

3.5 ADJUSTING

- A. Adjust isolators after isolated equipment is at operating weight.
- B. Adjust limit stops on restrained spring isolators to mount equipment at normal operating height. After equipment installation is complete, adjust limit stops so they are out of contact during normal operation.
- C. Adjust active height of spring isolators.
- D. Adjust restraints to permit free movement of equipment within normal mode of operation.

END OF SECTION 26 05 48

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STRUCTURAL NOTES, GENERAL

1. CODE: 2009 International Building Code
w/ City of York, Nebraska Amendments
2. STRUCTURAL DESIGN LOADS:
- SNOW: 25 PSF I=1.2
Ground Snow Load: 25 PSF I=1.2
Note: Buildings have been designed in accordance with ASCE 7-05 as required by Section 1608.1 of the 2009 International Building Code.
- FLOOR LIVE LOADS: 100 PSF
- WIND: 90 MPH (Exposure C) I=1.15
Basic Wind Speed: 90 MPH (Exposure C) I=1.15
Note: Buildings have been designed in accordance with ASCE 7-05 as required by Section 1608.1.1 of the 2009 International Building Code.
- SEISMIC: Spectral Response Accelerations: $S_S = 0.158$; $S_1 = 0.043$
Site Class: D
Occupancy Category: IV
Seismic Design Category: C
Note: Buildings have been designed in accordance with ASCE 7-05 as required by Section 1613.1 of the 2009 International Building Code.

3. FOUNDATION DESIGN CRITERIA:
- Soils investigation report dated November 7, 2013 by Thompson, Dreesen, Dornier Inc., (TDD File No. 1272-257)
- Allowable Net Soil Bearing per Soil Report: 2000 PSF

EXCAVATION, FILL, AND BACKFILL:

- A. See specification 31 21 00 for requirements.
- B. All earthwork should be observed and tested by Geotechnical Engineer

GENERAL NOTES:

- A. All work shall comply with requirements of the 2009 International Building Code, with recommendations of manufacturers, and with recognized workmanship and material standards.
- B. Comply with all applicable codes, ordinances, and regulations including those promulgated and enforced by OSHA. The structural design represented by the drawings and specifications is based on interaction of the various components, materials, and systems shown or required by all of the drawings and specifications. The contractor shall determine the need for and provide all required bracing or other means to insure stability and safety until all work required by the contract documents is complete. When and where necessary to comply with these requirements, the contractor shall provide appropriate additional temporary or permanent connections and/or members or, in the alternative, shall make appropriate modifications of specified connections and/or members. Where additions to or modifications of specified requirements are proposed, they shall be submitted to the Architect for review and approval. Such review and approval will be only for compliance with the structural and architectural design intent for the work. The adequacy for construction phase stability and safety is the responsibility of the contractor.
- C. Adapt requirements of details, sections, plans, and notes at all locations of which conditions are similar.
- D. The structural drawings are to be read in view of all other drawings and all specifications. Coordinate all work shown with all other work.
- E. Shop drawings for any part of the work shall show the interface with and provisions for related other work including such adaptations of requirements given as may be necessary.
- F. Contractor shall cross check dimensions and elevations between architectural, mechanical, and structural plans and notify Architect of any variance before contractor begins work.

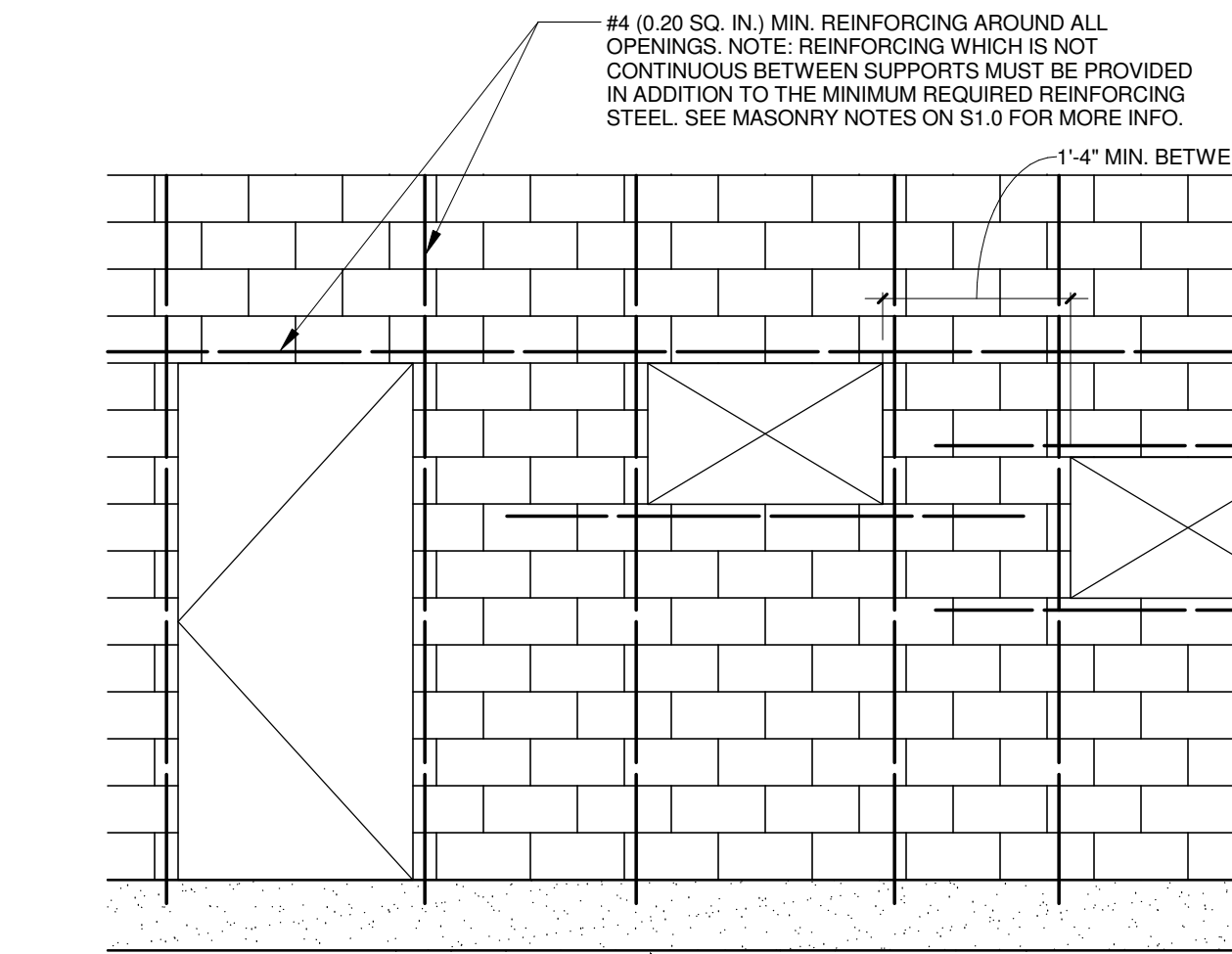
SPECIAL INSPECTION:

- Special Inspection in accordance with Section 1704 of the 2009 International Building Code will be performed for the following types of work:
- A. **Soils:** Special Inspection in accordance with Section 1704.7 of the IBC is required for site preparation, fill placement, evaluation of in-place density of fill material, and footings.
- B. **Concrete & Reinforcing Steel:** Special Inspection in accordance with Table 1704.4 of the IBC is required for all reinforced concrete, excluding slabs-on-grade that do not have reinforcing bars and site work concrete fully supported on earth. Cast-in anchor bolts shall be inspected.
- C. **Structural Steel:** Special Inspection in accordance with Section 1704 and Table 1704.3 of the IBC is required for all structural steel.
- D. **Masonry:** Level 1 Special Inspection in accordance with Table 1704.5.1 of the IBC is required for all masonry. Prism tests are not required.
- E. **Post-Installed Anchors:** Provide special inspection in accordance with the product's ICC-ES Report. All stress increases have been utilized.

The Contractor shall provide the Special Inspector sufficient notification to allow the required inspections to be made without delaying the construction schedule. The Contractor shall confirm that ALL inspections have been completed and approved by the Special Inspector prior to proceeding with Work.

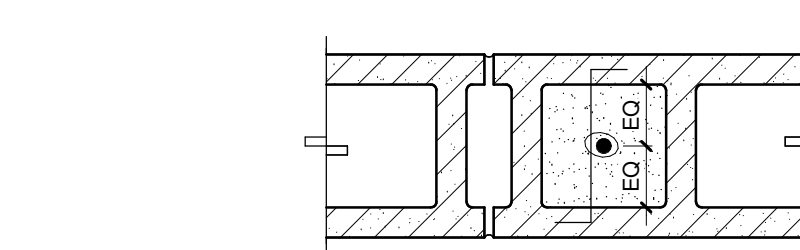
ABBREVIATIONS

ARCH.	Architect	HORIZ.	Horizontal
B.O.	Bottom Of	H.S.	Headed Stud
B.O.L.	Bottom Of Lintel	HSS.	Hollow Structural Section
B.O.S.	Bottom Of Steel	JST. BRG.	Joist Bearing
BOTT.	Bottom	MIR.	Minor
BRG.	Bearing	O.C.	On Center
BTWN.	Between	PL	Plate
CLR.	Clear	REIN.	Reinforcing
COL.	Column	REQD.	Required
CONC.	Concrete	SIM.	Similar
CONT.	Continuous	STD.	Standard
COORD.	Coordinate	STL.	Steel
d.b.a.	Deformed Bar Anchor	THK.	Thick
DBL.	Double	T.O.	Top Of
DET.	Detail	T.O.F.	Top Of Footing
E.A.	Each	T.O.S.	Top Of Steel
EXIST.	Existing	T.O.W.	Top Of Wall
EXP.	Expansion	TYP.	Typical
FND.	Foundation	U.N.O.	Unless Noted Otherwise
FTG.	Footing	VERT.	Vertical
F.V.	Field Verify	w/	With



CMU WALL REINFORCING

3/8\" = 1'-0"



- NOTES:
- SEE PLANS FOR BAR SIZES
 - LOCATE REINFORCING AT ALL CORNERS, EACH SIDE OF OPENINGS AND CONTROL JOINTS, AND AT SPACINGS SHOWN ON PLANS.
 - PROVIDE WIRE REBAR POSITIONERS TO HOLD BARS IN PLACE.

CMU REINFORCING DETAIL

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

CAST-IN-PLACE CONCRETE WORK

MATERIALS:

Concrete:	28-Day Strength	Max. Slump	Max. Aggregate	Air Entrainment
Class	Locations			
TYPE I	Interior slab-on-grade	3000 PSI	5"	3/4" N.A.
TYPE II	Exterior slabs	4000 PSI	5"	1" 5%-7%
TYPE III	Footings and Walls.	3000 PSI	5"	3/4" 5%-7%
TYPE IV	Interior flat slab & slab-on-deck	4000 PSI	5"	3/4" N.A.

Other Materials:

- Reinforcing Bars: ASTM A615 Grade 60, deformed.
- Deformed Bar Anchors: ASTM A496, with a minimum tensile strength of 80 ksi.
- Welded Wire Fabric: ASTM A185, hot sheet type.
- Anchor Bolts: ASTM F1554 Gr. 36, Unless Noted Otherwise.
- Adhesive Anchors: Hilti "HIT RE 500-SD" or Simpson "SET-XP", when anchoring to concrete.
- Adhesive Anchors: Hilti "Kwik Bolt TZ" or Simpson "Strong-Bolt"

CONTINUITY:

All wall and foundation reinforcing shall be continuous unless noted otherwise. Continuity at corners and intersections shall be achieved using corner bars and contact lap splices, see detail 2/55-1. Continuity at other locations may be achieved using contact lap splices shown on approved shop drawings. Location of lap splices shall be shown on the shop drawings. Unless noted otherwise, the following lap splices shall be used:

Location:	#3	#4	#5	#6	#7	#8	#9	#10	#11
Top Bars (%)	21"	28"	35"	46"	63"	82"	104"	132"	162"
Other Bars:	16"	22"	27"	35"	48"	63"	80"	102"	125"

(*) Top bars are horizontal reinforcing where more than 12" of concrete is cast in the member below the reinforcing.

Mechanical connections may be used in lieu of lap splices provided approval is obtained from the Architect/Engineer. Connections shall develop in tension 125 percent of the specified yield strength of the bar. All mechanical connections shall be shown on the shop drawings.

GENERAL:

- A. All concrete work shall comply with 2009 International Building Code and ACI 301.
- B. Coordinate work with all other work.
- C. All reinforcing shall be continuous, see notes above. All reinforcing, anchor bolts, and embedded items shall be secured in place prior to placing concrete.
- D. Construction joints shall be keyed joints, unless noted otherwise, with reinforcing continuous through the joint. Concrete on one side of construction joints shall not be placed less than 48 hours after placement of concrete on the opposite side of the construction joint.
- E. Clear cover from reinforcing to surfaces of concrete shall be as shown. Clear distance between parallel bars in a layer shall be as shown on the plans with minimum of 1" or the diameter of the reinforcing, whichever is greater. Clear distance between parallel bars in two or more layers shall be as shown on the plans with a minimum of 1" or the diameter of the reinforcing bar, which ever is greater.

FOOTING WORK:

- A. See plans for Footing Schedule. Coordinate footing work with all other work.
- B. Pipes and other work which require trenching adjacent to pad footings and parallel to continuous footings shall not be located below lines extending downward from the bottom edges of the footing at a 45-degree angle from the horizontal. Pipes and other work perpendicular to continuous footings may be located beneath the footing. Footing elevations may be lowered if approved on the footing shop drawings.

- C. All openings in concrete work shall be formed or sleeved, see 11/S5-1. Drilled openings are not permitted.

INTERIOR SLAB-ON-GRADE WORK:

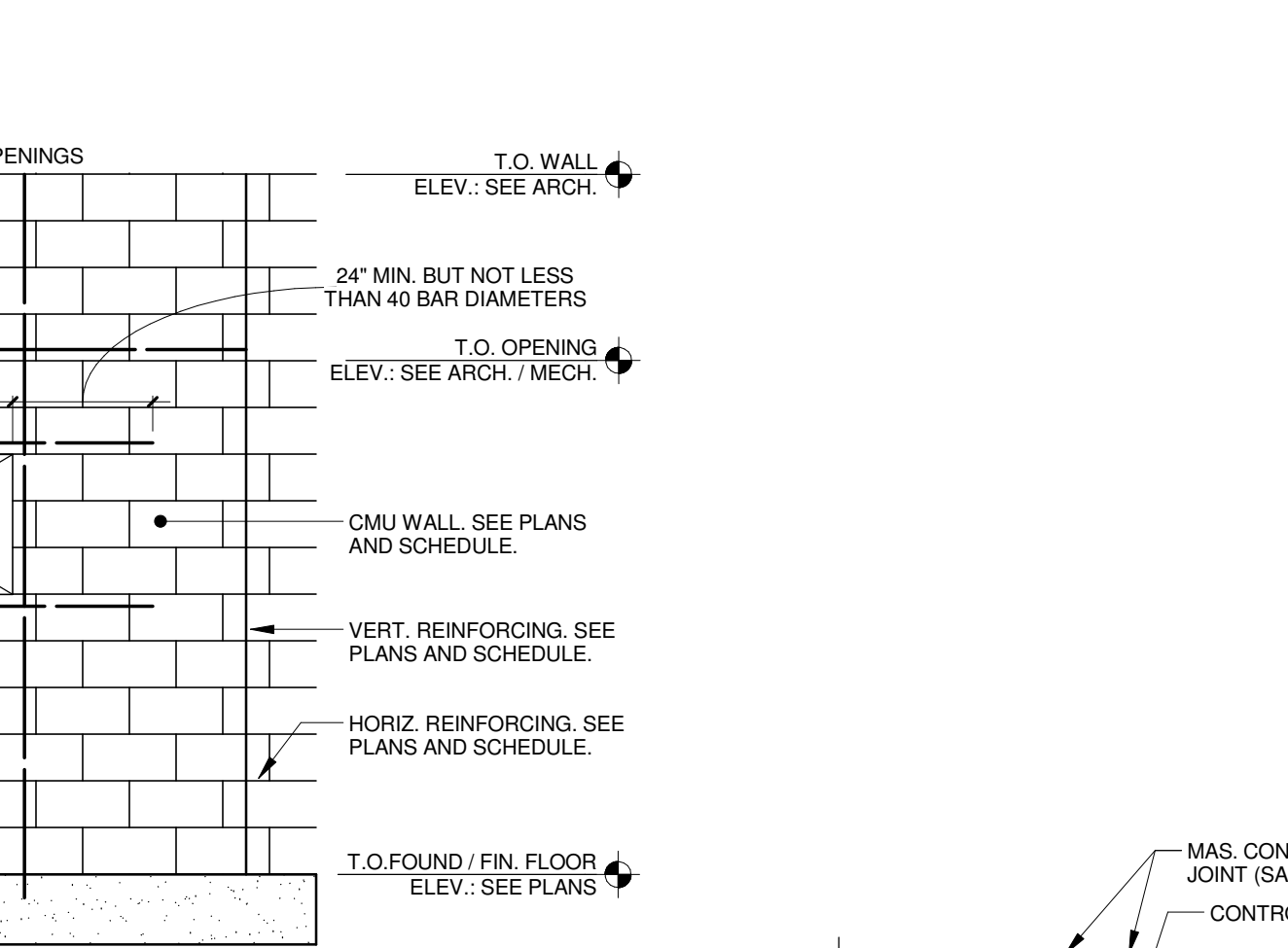
- A. Coordinate slab-on-grade work with all other work. Provide slopes, thickened slabs, depressed slabs, equipment pads, blockouts, etc. as needed.
- B. Sawcut control joints in slab to a depth equal to 1/3 the slab thickness.
- C. Slab-on-grade Requirements:
- Thickness: 4" minimum.
 - Reinforcing: 6x6 W14xW14 welded wire fabric (w.w.f.)
 - Control Joints: Sawcut at 10'-0" o.c. maximum each way along column lines and at equal spaces between column lines. Coordinate with Architect.
- D. All slabs-on-grade shall have a minimum STEGO 15 mil. vapor barrier beneath the slab.
- E. Provide 4" of free draining, well graded, and compacted material over 12" of low plasticity "structural fill" beneath the vapor barrier.
- F. Separate slab-on-grade from all columns, walls, or other vertical surfaces w/ 3/8" expansion joint material.

STRUCTURAL STOOPS:

- A. Slabs at structural stoops shall be 4" minimum / 8" maximum concrete slab on 4" biodegradable void forms. See 1/S5-1 for typical stoop construction and reinforcing.
- B. Stoop slabs shall bear on and/or be supported on all sides by concrete walls or footings as shown on the drawings. Coordinate stoop size with Architectural Drawings.

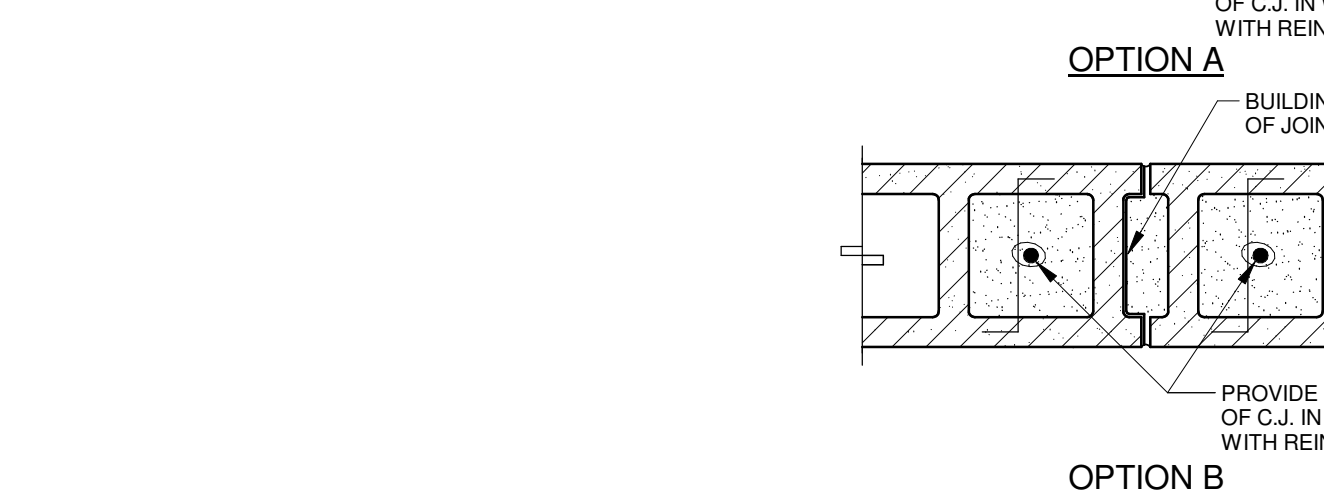
CONCRETE WALLS:

- A. Designations for walls, reinforcing, and other notes are noted on the plans and detailed in the sections. All walls shall be reinforced.
- B. All walls shall have dowels with a 90° ACI standard hook, unless noted otherwise, embedded in the footing. The dowels shall be the same size and spacing, and lap spliced with the vertical wall reinforcing in the wall. The dowel shall extend to within 3" of the bottom of the footing.
- C. Walls may have openings at various locations. Coordinate all openings with other requirements. Openings not shown shall be brought to the attention of the Architect/Engineer for determination of reinforcing requirements. Wall reinforcing shop drawings shall show all openings and reinforcing provisions for each opening.
- D. All reinforcing shall be continuous through construction joints. All construction joints shall be shown on the shop drawings and approval obtained.



CMU CONTROL JOINT DETAIL

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



CMU CONTROL JOINT DETAIL

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

STRUCTURAL STEEL WORK

MATERIALS:

- Structural Members (W shapes): ASTM A992, Grade 50, U.N.O.
- Angles, Channels, Plates, and Bars: ASTM A36, U.N.O.
- Hollow Structural Section: ASTM A500 Grade B
- Steel Pipe: ASTM A53, Type E or S, Grade B
- Headed Studs: ASTM A108, Grade 1015
- Anchor Bolts: ASTM F1554, Gr. 36, headed type; U.N.O.
- Non-High Strength Bolts: ASTM A307
- High Strength Bolts: ASTM A325 bolts, U.N.O.
- Adhesive Anchors: Hilti "HIT RE 500-SD", Simpson "SET-XP", when anchoring to concrete.
- Adhesive Anchors: Hilti "HY150 MAX", Simpson "Acrylic-Tie", when anchoring to solid masonry.
- Welding Electrodes: E70
- Deformed Bar Anchors: ASTM A496, with a minimum tensile strength of 80 ksi.

STRUCTURAL STEEL:

- A. Provide structural steel work as shown on the drawings and described in the specifications and submit shop drawings for the same. Where the design of members or connections are not specifically noted, provide such in accordance with the latest AISI specifications and submit the design with the shop drawings for approval.
- B. Steel shall be fabricated to achieve the elevations, slopes, and geometry shown on the Architectural and Structural Drawings. Structural steel shall provide a uniform surface for the attachment of metal deck.
- C. Comply with all applicable codes, ordinances, and regulations including those promulgated and enforced by OSHA. See STRUCTURAL GENERAL NOTE 5.B.
- D. All structural steel shapes, plates, bolts, ect. exposed to weather or in contact with treated lumber shall be either hot dip galvanized, painted with Tnemec 90-97 zinc rich primer.

METAL DECK:

A. METAL ROOF DECK:

- (1) Vulcraft 1.5B, 3N, 3NIA or Approved Equal with the following minimum section properties:
- | | |
|---------------|-----------|
| Depth: | See Plans |
| Thickness: | See Plans |
| Finish: | See Plans |
| Yield Stress: | 33 ksi |
- (2) Metal roof deck shown on the drawings shall be used in 3 or more span condition U.N.O.
- (3) Metal roof deck shall be attached as follows, unless noted otherwise on the drawings:
- Where deck is perpendicular to steel supports fasten deck to supports with 5/8" diameter puddle welds at 36/6 pattern [1.5" deck] and 24/4 pattern [3" deck].
 - Where deck is parallel to steel supports fasten deck with 5/8" diameter puddle welds @ 12".
 - Fasten side laps of individual sheets together with (4) #10 TEK screws/span, minimum 12" o.c.
- (4) All edges and openings in deck shall be supported. Unless noted or approved otherwise, provide support in accordance with the following:
- Openings less than 8": Add a 2'-0" (min.) wide x 3'-0" long piece of deck nested on top of deck. Screw flutes together with #10 screws @ 6" centers. Opening may be cut through the center of the deck.
 - Openings greater than 8" in either direction: Support edges of opening with steel framing supported by the steel joists or beams as shown on 3/S5-2. The steel deck shall be welded to the framing with welds at 12" centers.
- (5) Up to 50 pounds per sq. ft. may be supported from metal deck provided the individual attachments are located not less than 4'-0" o.c. and the attachment to the deck distributes the load to at least 3 deck flutes.

B. METAL FLOOR DECK:

- (1) Vulcraft 1.5C, 0.6C or Approved Equal with the following minimum section properties:
- | | |
|---------------|-----------|
| Depth: | See Plans |
| Thickness: | See Plans |
| Finish: | See Plans |
| Yield Stress: | 33 ksi |
- (2) Metal floor deck shown on the drawings shall be used in 3 or more span condition U.N.O.
- (3) Metal floor deck shall be attached as follows, unless noted otherwise on the drawings:
- Where deck is perpendicular to steel supports fasten deck to supports with 5/8" diameter puddle welds at 36/6 pattern [1.5" deck], and #12 TEK screws at 30/4 pattern [12" o.c.].
 - Where deck is parallel to steel supports fasten deck with 5/8" diameter puddle welds @ 12" [1.5" deck], and #12 TEK screws at 12" o.c. [0.6" deck].
 - Fasten side laps of individual sheets together with (2) #10 TEK screws/span [1.5" deck], and (1) #10 TEK screw/span [0.6" deck].

STEEL JOISTS:

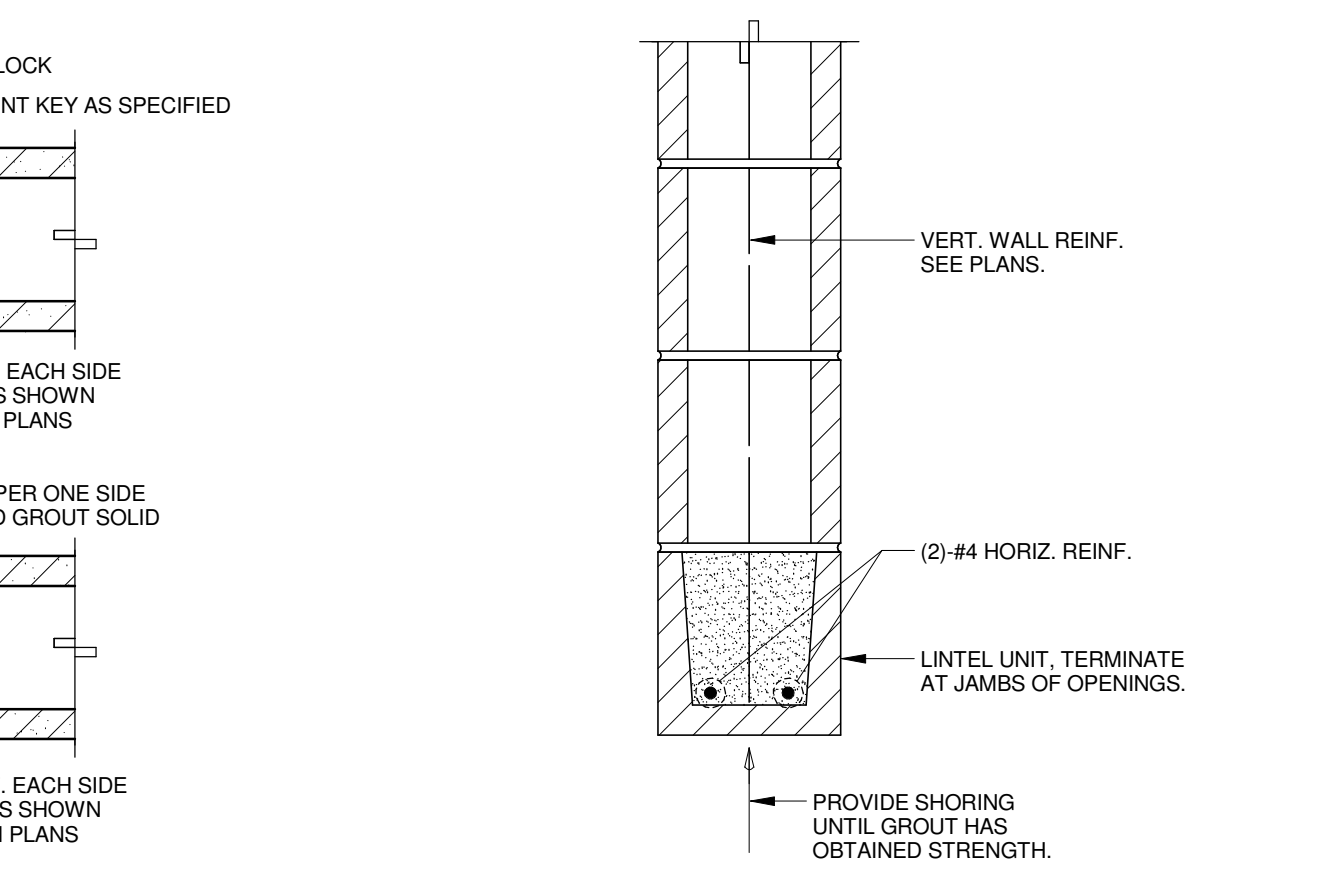
- A. Steel Joists are designated on the drawings using Steel Joist Institute designations. Provide special joist designs as noted on the drawings.
- B. Design all joists for a net uplift of 10 pounds per square foot. Provide bridging as required for uplift.
- C. Steel joists shall be designed for the following Deflection limitations:
- | Location | Total Load | Live Load |
|----------|------------|-----------|
| Roof | L/240 | L/360 |
- D. All bridging shall be continuous. Bridging may be terminated where necessary (e.g. for mechanical work) provided diagonal cross bridging is provided at each adjacent joist space. Bridging shall not be interrupted at two adjacent joist spaces.
- E. Where diagonal cross bridging is used, provide horizontal bridging at first joist space adjacent to walls.
- F. Do not place concentrated loads in excess of 50 lbs. between panel points of steel joists unless web members are installed in accordance with 4/S5-2.
- G. Joist locations shall be shown on the shop drawings. Any deviations in locations for those shown on the drawings shall be highlighted.
- H. K series joists shall have a 2 1/2" bearing unless noted otherwise.

MECHANICAL, ELECTRICAL, AND PIPING SYSTEMS WORK:

- A. Do not support concentrated loads from steel roof deck except as allowed per note 3.A.(5) above.
- B. Secondary framing, bridging, or other means shall be provided to distribute loads to structural members. Such framing, bridging, or other means shall be shown on the shop drawings for the work of the mechanical, electrical and piping systems.

VENEER:

- A. All veneer shall be supported at the head of openings.
- B. All openings in brick veneer shall have a lintel at the head of the opening. Unless noted otherwise, use a galvanized steel angle as follows:
- | | | |
|---|---------------------------|---------------|
| Openings up to 4'-0": | L4"x4"x5/16" angle | Ref.: 7A/S1-8 |
| Openings wider than 4'-0 and up to 7'-0": | L6"x4"x3/8" angle [LL.V.] | Ref.: 7B/S1-0 |
| Openings wider than 7'-0" and up to 10'-0": | L6"x4"x3/8" angle [LL.V.] | Ref.: 7C/S1-0 |
- Any opening that can not be made in accordance with the requirements above and are not detailed on the Structural Drawings, shall be brought to the attention of the Architect/Engineer for determination of lintel size.



LINTEL 'L' SECTION

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

STRUCTURAL COLD-FORMED METAL FRAMING WORK

GENERAL:

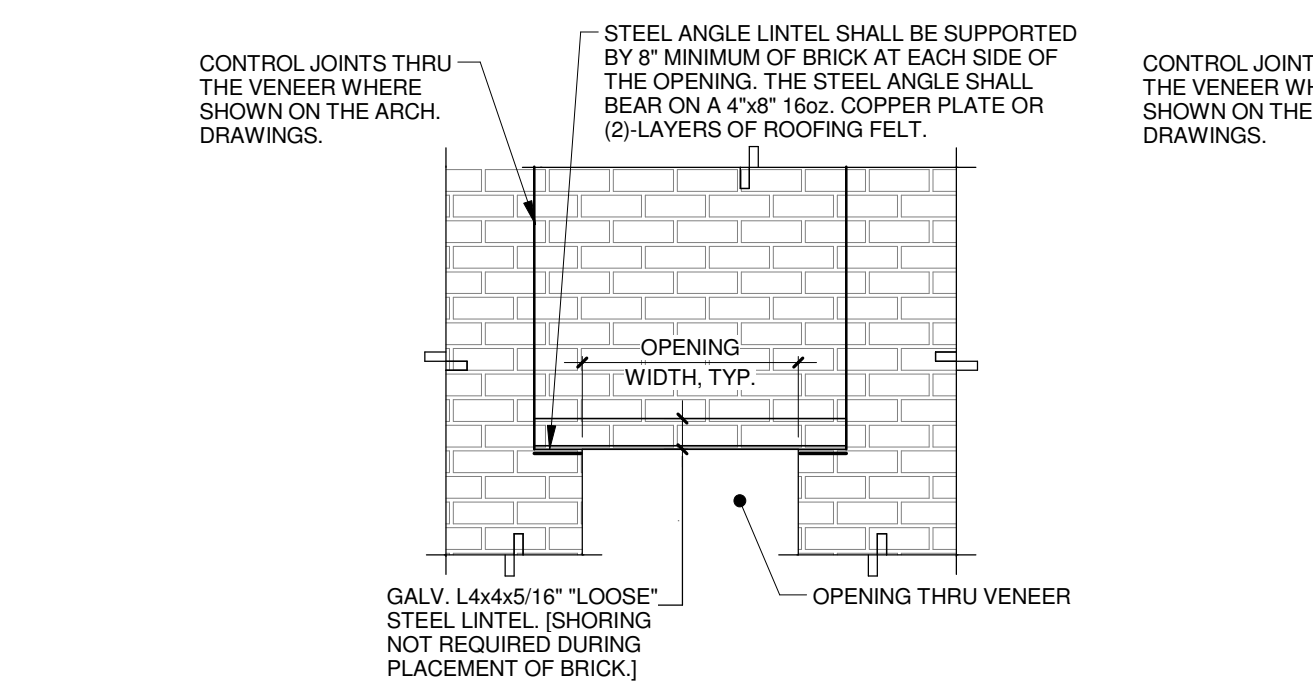
- A. All cold-formed metal framing work shall comply with the 2009 International Building Code and AISI - American Iron and Steel Institute - "Cold-Formed Steel Design Manual".
- B. Structural cold-formed metal framing is all exterior walls, canopies, and soffits. See Specifications Section 05 40 00 for the balance of information.
- C. Structural cold formed metal framing shall be constructed to achieve the geometry shown on the Architectural or Structural drawings.
- D. All structural lightweight framing members shall be 18 gage and spaced at 16" o.c. maximum, unless noted or detailed otherwise. Stud and Track properties are as follows:
- E. Connection material noted on the plans shall be by The Steel Network, Inc. of Raleigh, North Carolina [www.steelnetwork.com / 1-888-474-4876] or Approved equal.

INSTALLATION:

- A. Metal stud walls may be prefabricated. Prefabricated frames shall be square, with components attached in a manner to prevent racking during fabrication, transportation, and lifting. Provisions to lift the panel shall be included in the frame's design and construction.
- B. Field cutting of steel framing members shall be by saw or shear. Torch cutting will not be permitted.
- C. At any locations where OSB or Gypsum sheathing is not attached to both sides of wall, provide lateral bracing per 5/S1-0.
- D. At track butt joints, abutting pieces of track shall be securely anchored to a common stud. Where splicing of wall track is necessary between stud spacings, a piece of stud shall be placed in the adjoining track sections and fastened to the track flanges at both sides of the wall with (3) #12-14 TEK screws on each side of the joint.
- E. Studs shall be installed sealed square (within 1/16") against the wall of the top and bottom track. Studs shall be plumb, aligned and secured to the continuous runner tracks with (2) #12-14 TEK screws [both sides].
- F. Openings:
- Unless detailed otherwise, construct openings 4'-0" and less as follows:
 - Provide (2) studs at jamba. Use a 16ga. track at head and sill attached to jamb studs at each end w/ 2"x2"x5/16" 14ga. clip angle. Attach clip angle to both track and jamb stud w/ (3) #12-14 TEK screws each.
 - Openings greater than 4'-0" but less than equal to 10'-0" shall be constructed with a lightgage beam at the head and sill of the opening per 5/S1-0. (U.N.O.)
 - Connect multiple studs and track together with #12-14 TEK screws @ 12" unless noted otherwise on the drawings.
- H. Attach track to concrete/grouted CMU w/ (1) Hilti 0.157 X U Universal knurled shank fasteners at 8" o.c. [1" embedment], unless noted or detailed otherwise.
- I. Attach track to steel framing w/ #12 TEK screws at 8" o.c., unless noted or detailed otherwise.

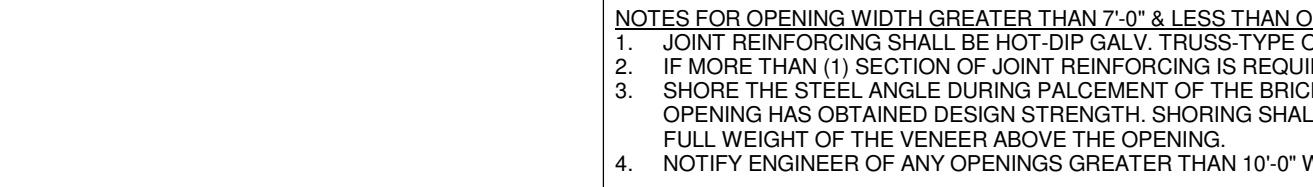
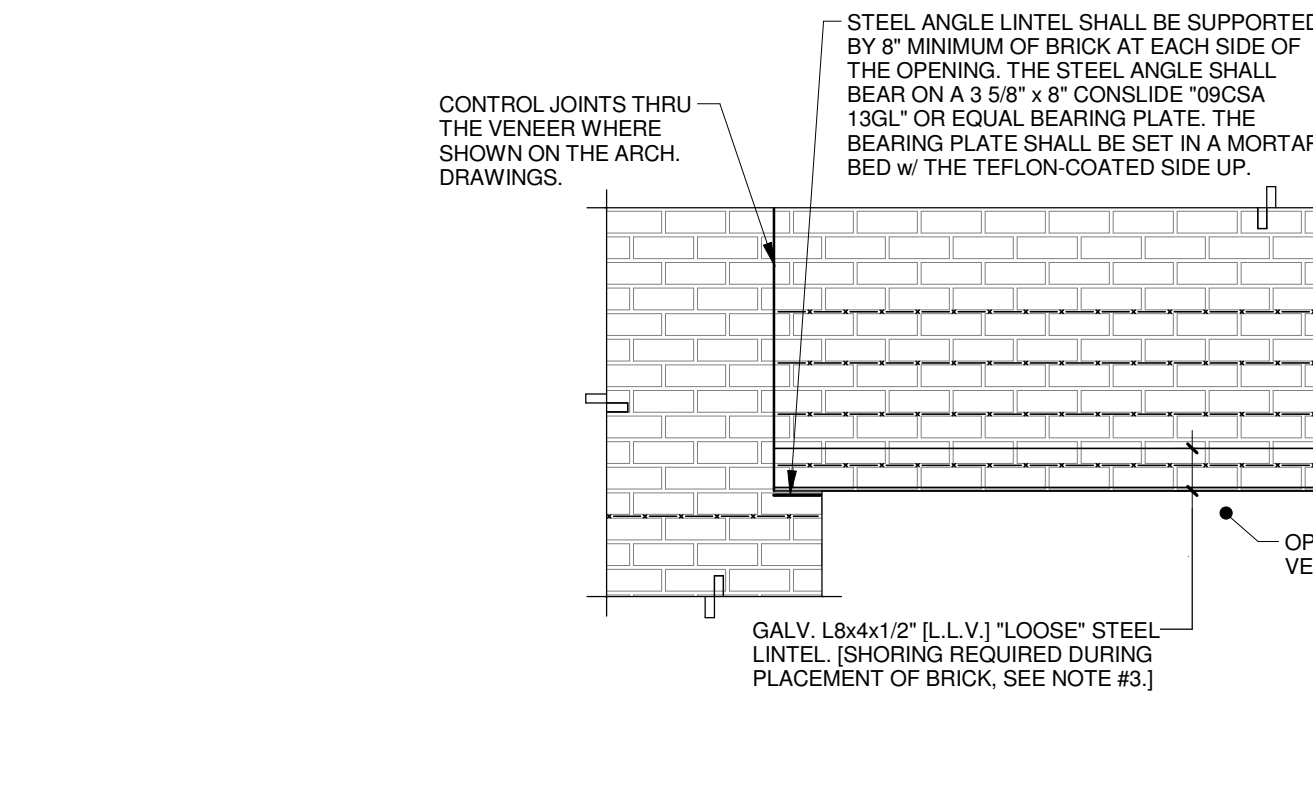
EXISTING WORK

1. Existing conditions shown or noted on the drawings were obtained from existing plans or were assumed. If conditions other than those shown exist, immediately notify Architect before proceeding with the work at that location. If conditions other than those shown exist, alternate methods of construction may need to be used.
2. Use appropriate construction methods and equipment as necessary to support existing structures and to avoid overstressing the existing structures.
3. All openings in existing construction shall have a lintel at the head. Notify engineer of any openings in existing walls which are not shown on plans.



OPENING WIDTH LESS THAN OR EQUAL TO 4'-0"

A

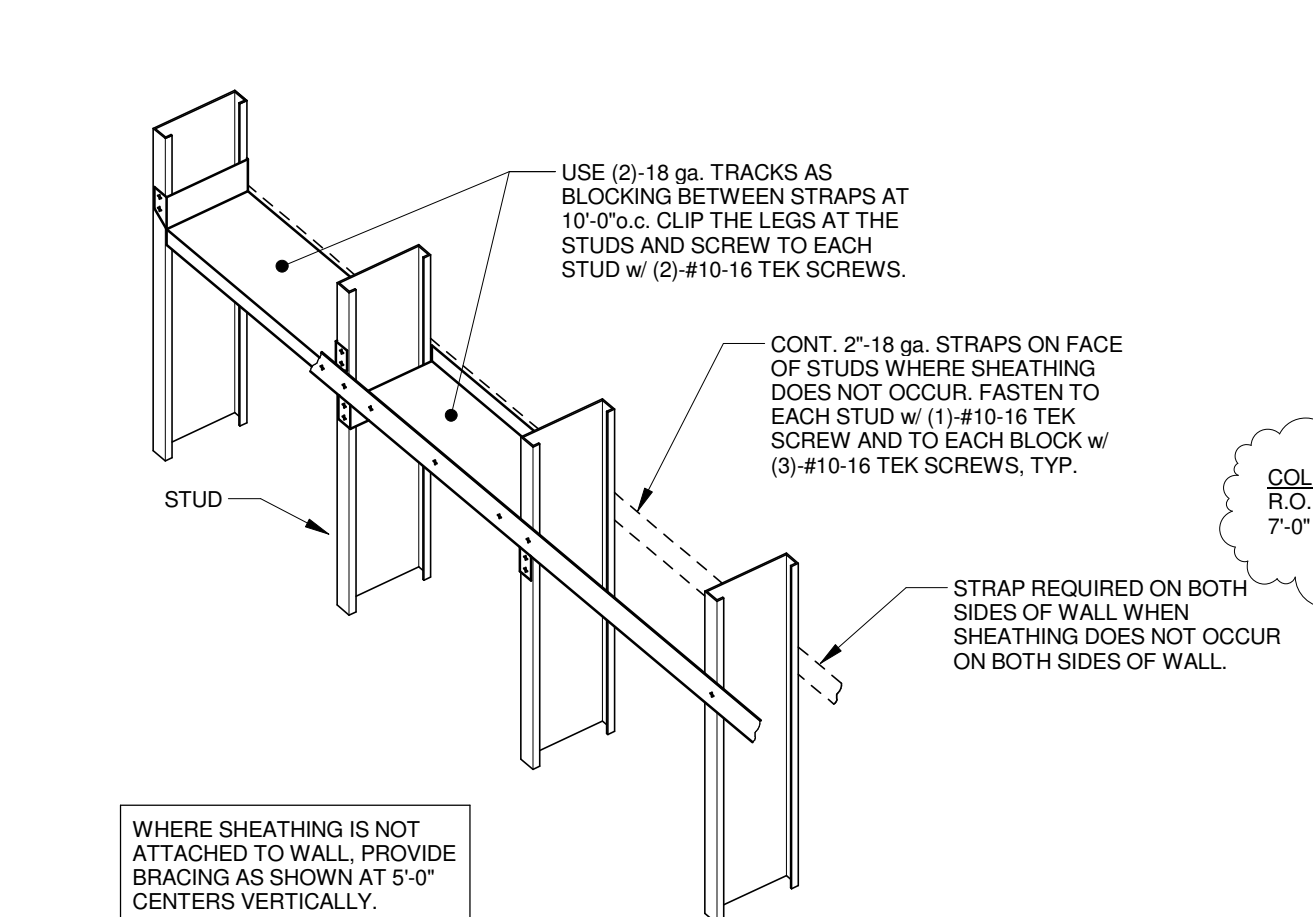


OPENING WIDTH GREATER THAN 7'-0" & LESS THAN OR EQUAL TO 10'-0"

C

MASONRY VENEER OPENING DETAILS

3/8\" = 1'-0"



LIGHTGAGE STUDWALL BRACING

3/4\" = 1'-0"

MASONRY WORK

MATERIALS:

- Reinforcing Bars: ASTM A615 Grade 60, deformed.
- Weldable Reinforcing Bars: ASTM A706 Grade 60, deformed.
- Concrete Masonry Units: Grade N, Fm = 1500 psi (Type S mortar)
- Grout Strength: 2000 psi @ 28 days
- Adhesive Anchors: Hilti "HY170" adhesive, when anchoring into brick or hollow CMU material.
- Expansion Anchors: Hilti "HY150" or Simpson "SET" adhesive, when anchoring into grouted solid CMU.
- Hilti "Kwik Bolt 3" anchors U.N.O.

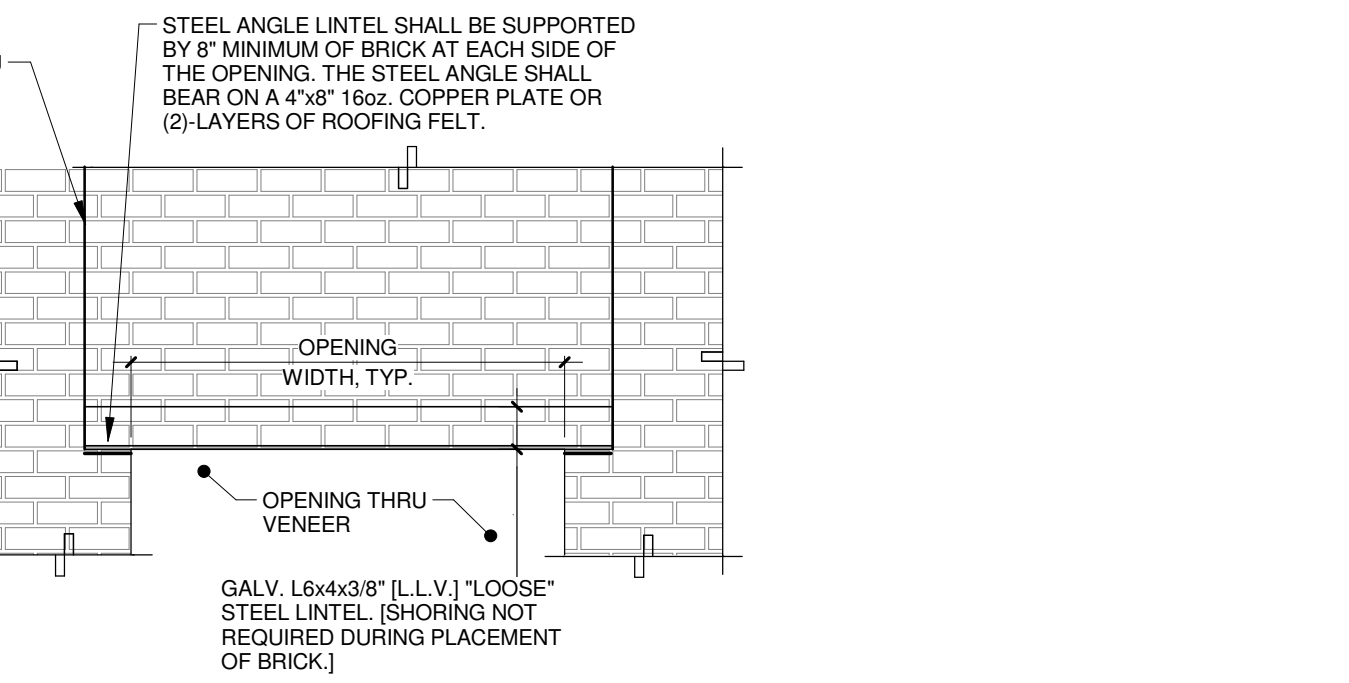
CONTINUITY:

- All wall and foundation reinforcing shall be continuous unless noted otherwise. Continuity at corners and intersections shall be achieved using corner bars and contact lap splices, see detail 2/55-1. Continuity at other locations may be achieved using contact lap splices shown on approved shop drawings. Location of lap splices shall be shown on the shop drawings. Unless noted otherwise, the following lap splices shall be used:
- Location:
- | | #3 | #4 | #5 | #6 | #7 |
|---------|-----|-----|-----|-----|-----|
| Masonry | 20" | 24" | 30" | 36" | 48" |

3. All masonry work shall comply w/ the 2009 International Building Code and ACI 530-05 and ACI 530.1-05
4. Requirements for masonry wall construction are given on the drawings and Wall Construction. All reinforcing shown shall be continuous in grout-filled cells. See note above for continuity requirements.
5. Provide dowels in footings and in concrete walls at each vertical rebar. For footings less than 2'-0" deep, dowels shall have a 90° ACI standard hook. The dowels shall be the same size and spacing, and lap spliced with the vertical reinforcing in the wall.
6. Locate vertical reinforcing at corners, jambs, intersections, and at spacings noted on the drawings.
7. Unless noted otherwise on the plans, all openings shall have a lintel at the head. For any openings not shown on plans and less than 4'-0" thru CMU, the lintel shall be an 8" deep minimum bond beam bearing 8" on each jamb, see 4/S1-0. A 1" hole shall be cut in the bottom of the lintel unit at each jamb to place the vertical jamb reinforcing. The bond beam shall be reinforced with (2) #4's horiz. bottom. Where a lintel is not shown on the drawings and cannot be made in accordance with these requirements, submit the opening size and location to the Architect/Engineer for determination of the lintel to be used.
8. Submit reinforcing shop drawings for all work. Provide wall elevations showing the location of openings in masonry and the location of reinforcing including lap splices. Vertical reinforcing lengths shall be coordinated with heights of CMU to be placed.
9. Complete work in accordance with ACI 530-05 and ACI 530.1-05. Use "fine" grout having a slump of 8 to 11 inches. The minimum dimension of any grouted space measured perpendicular to reinforcing is 3"x3". Place grout in lifts not exceeding 8'-0".
10. CONTROL JOINTS: Construct in plan as shown on the architectural drawings, but not to exceed 24'-0" spacing. All horizontal joint reinforcing shall be terminated at the control joint as detailed in 2/S1-0.

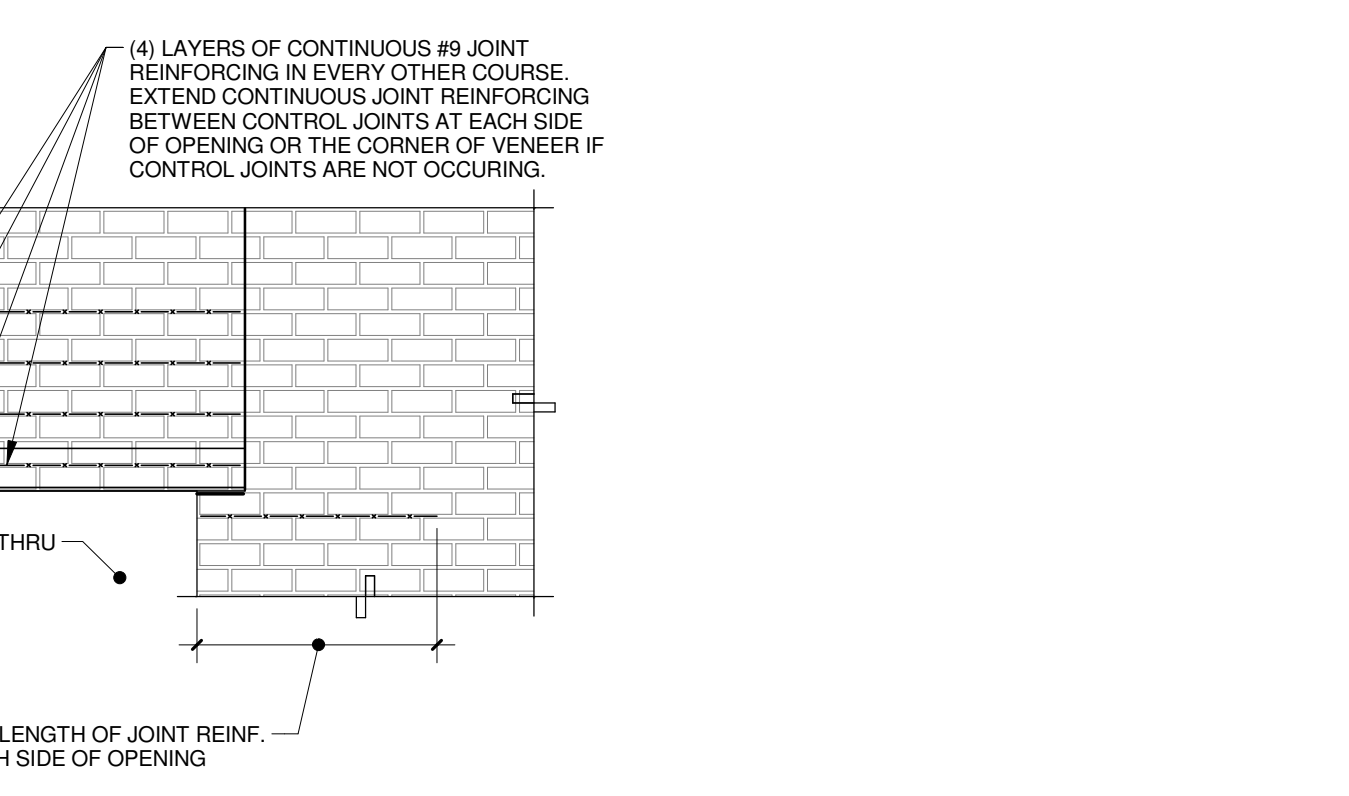
EXISTING WORK

1. Existing conditions shown or noted on the drawings were obtained from existing plans or were assumed. If conditions other than those shown exist, immediately notify Architect before proceeding with the work at that location. If conditions other than those shown exist, alternate methods of construction may need to be used.
2. Use appropriate construction methods and equipment as necessary to support existing structures and to avoid overstressing the existing structures.
3. All openings in existing construction shall have a lintel at the head. Notify engineer of any openings in existing walls which are not shown on plans.



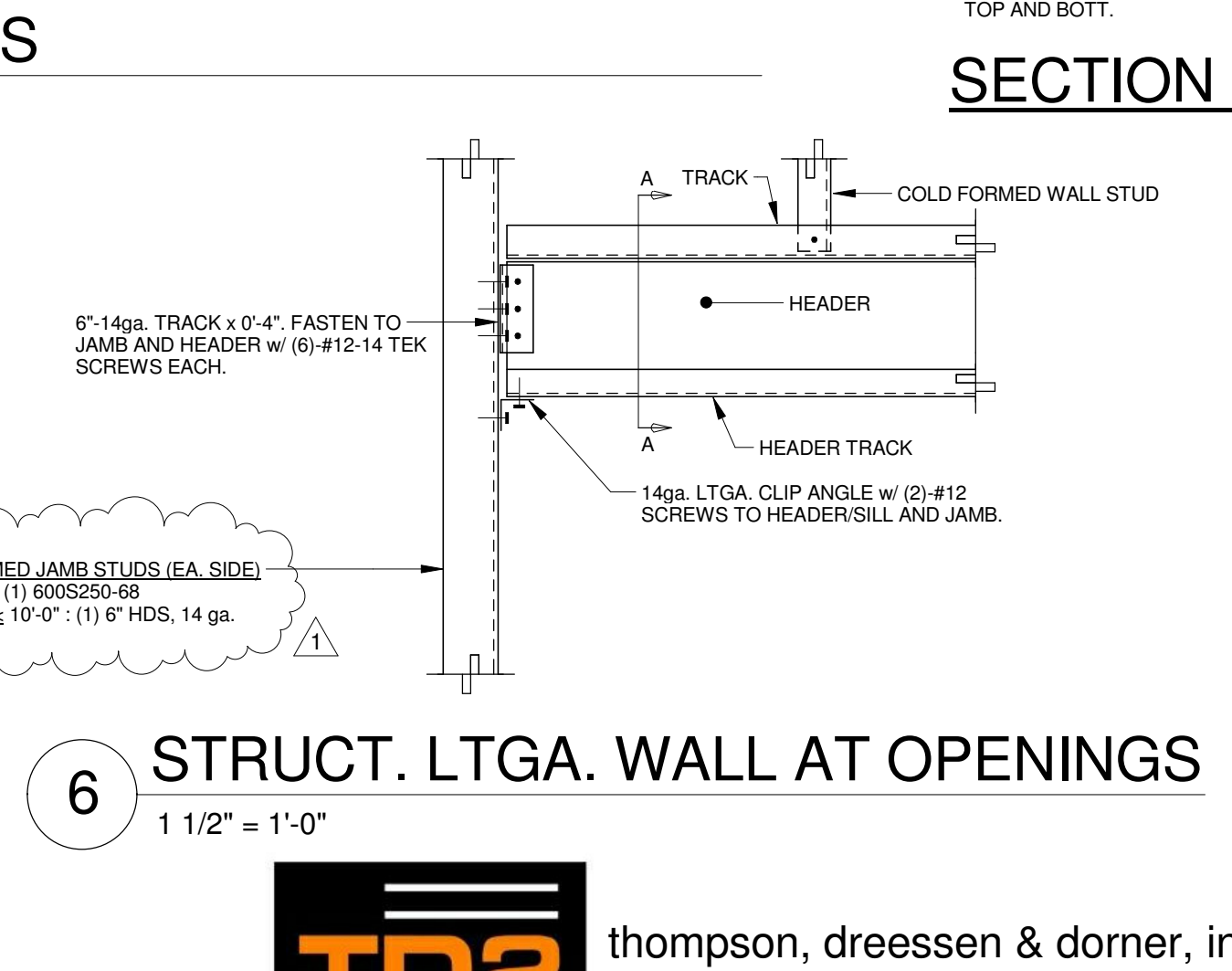
OPENING WIDTH GREATER THAN 4'-0" AND LESS THAN OR EQUAL TO 7'-0"

B



OPENING WIDTH GREATER THAN 7'-0" & LESS THAN OR EQUAL TO 10'-0"

C



STRUCT. LTGA. WALL AT OPENINGS

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



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YORK GENERAL HEALTH CARE SERVICES

Project Title:

HOSPITAL ADDITION AND REMODEL

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Rev	Date	Description
1	02/25/14	Addendum 1

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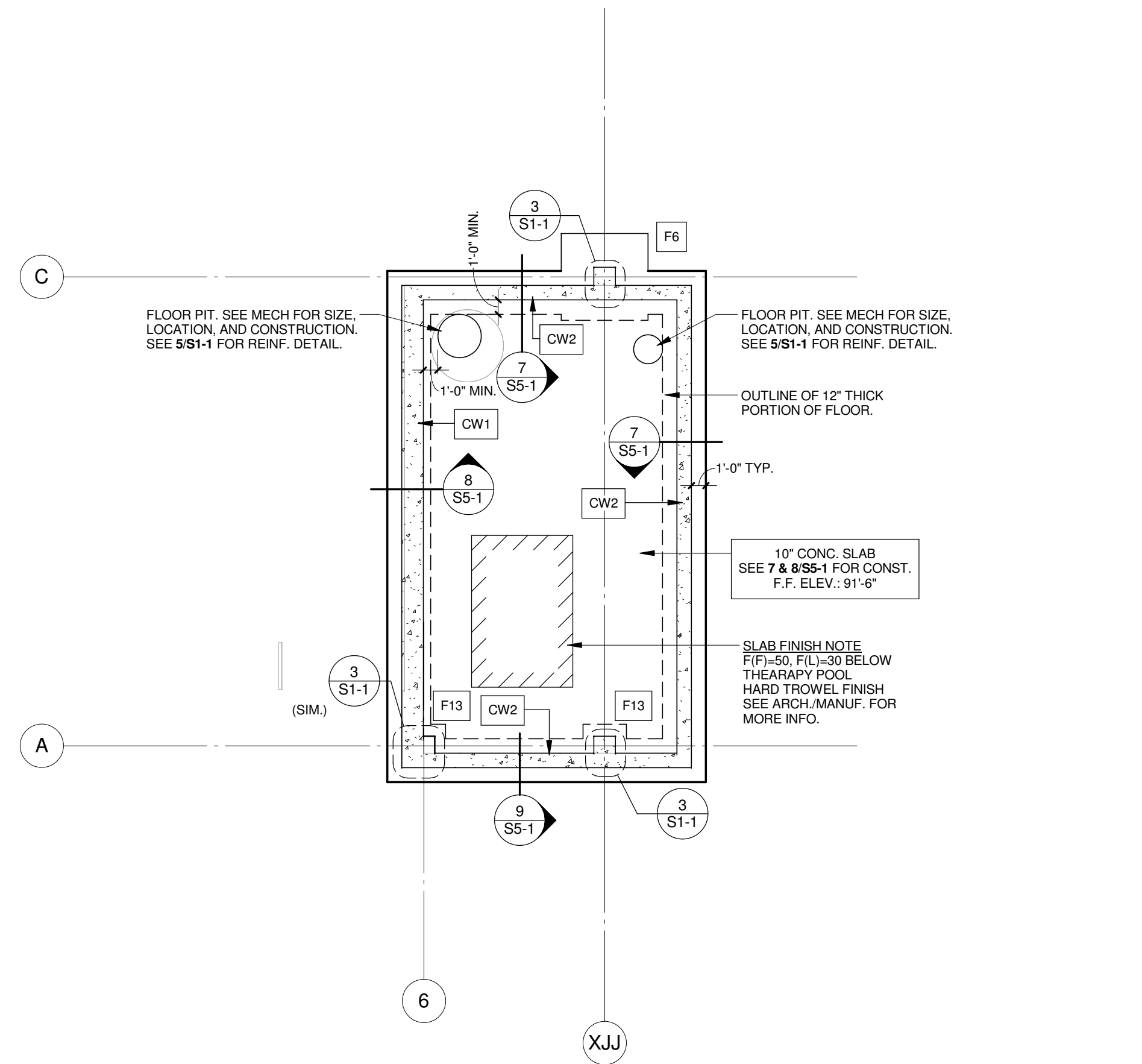
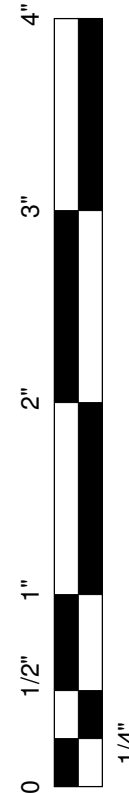
Drawn By: Project Manager:
DJS QGP

Project Number:
24902

Date:
01/28/2014

Sheet Title:
STRUCTURAL NOTES / DETAILS

Sheet Number:
S1-0

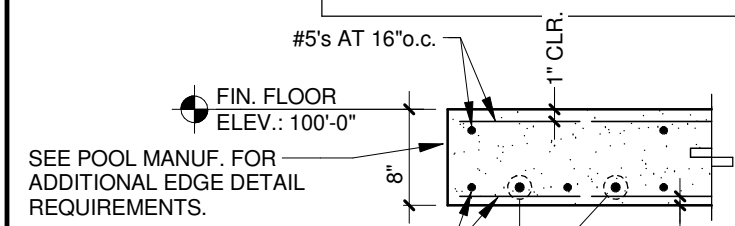


BASEMENT FOUNDATION PLAN

1/8" = 1'-0"

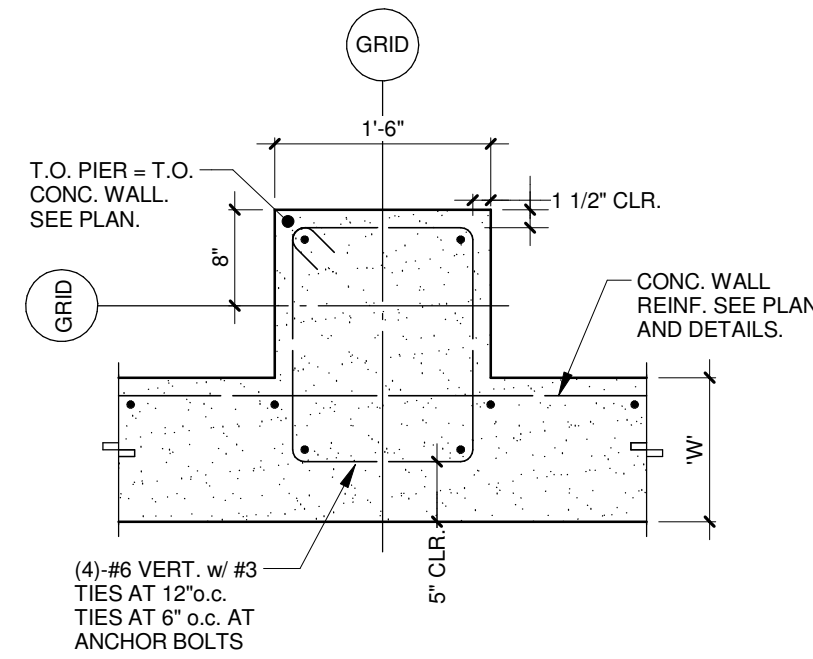
BASEMENT PLAN NOTES:

- SEE STRUCTURAL NOTES ON SHEET S1-0.
- COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- TOP OF FOOTING ELEVATION = 91'-6" UNLESS NOTED OTHERWISE THUS: $\bullet$ T.O.F. = xx'-x"
- F: FOOTING MARK, SEE SCHEDULE ON SHEET S1-1.
- PAD FOOTINGS CENTERED UNDER COLUMNS, U.N.O.
- TRENCH FOOTING REINFORCEMENT TO BE CONTINUOUS THROUGH PAD FOOTINGS.



1

3/4" = 1'-0"

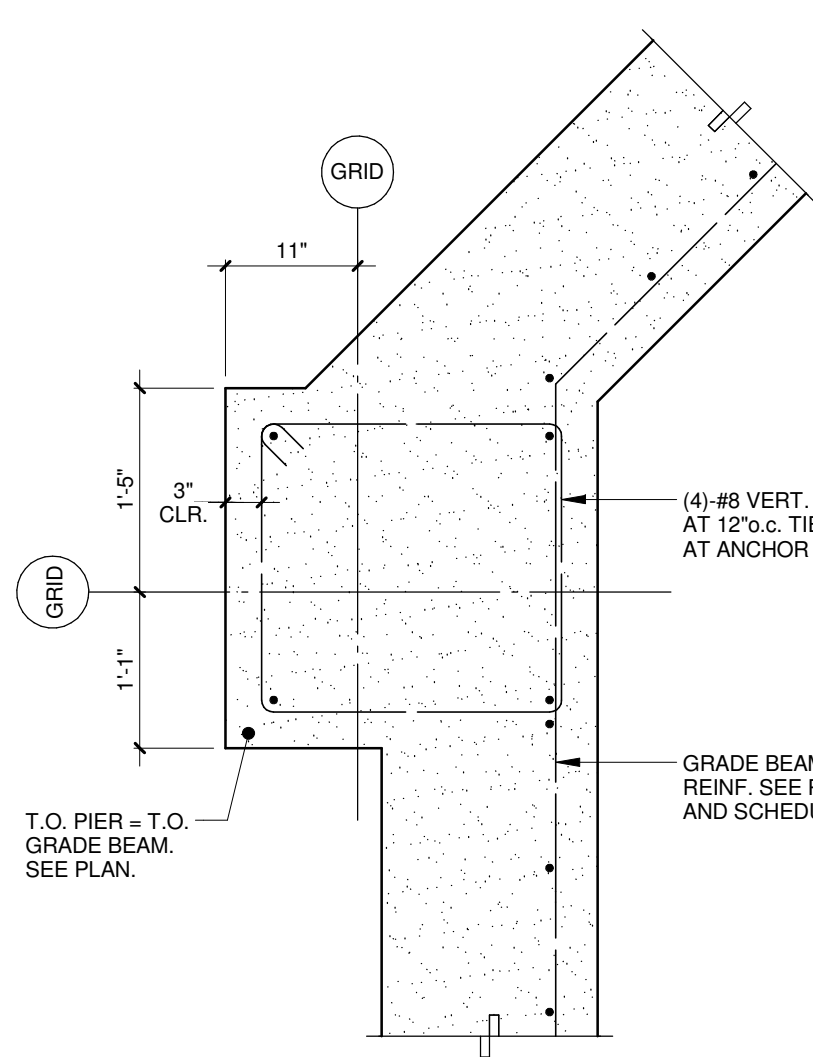


2

3/4" = 1'-0"

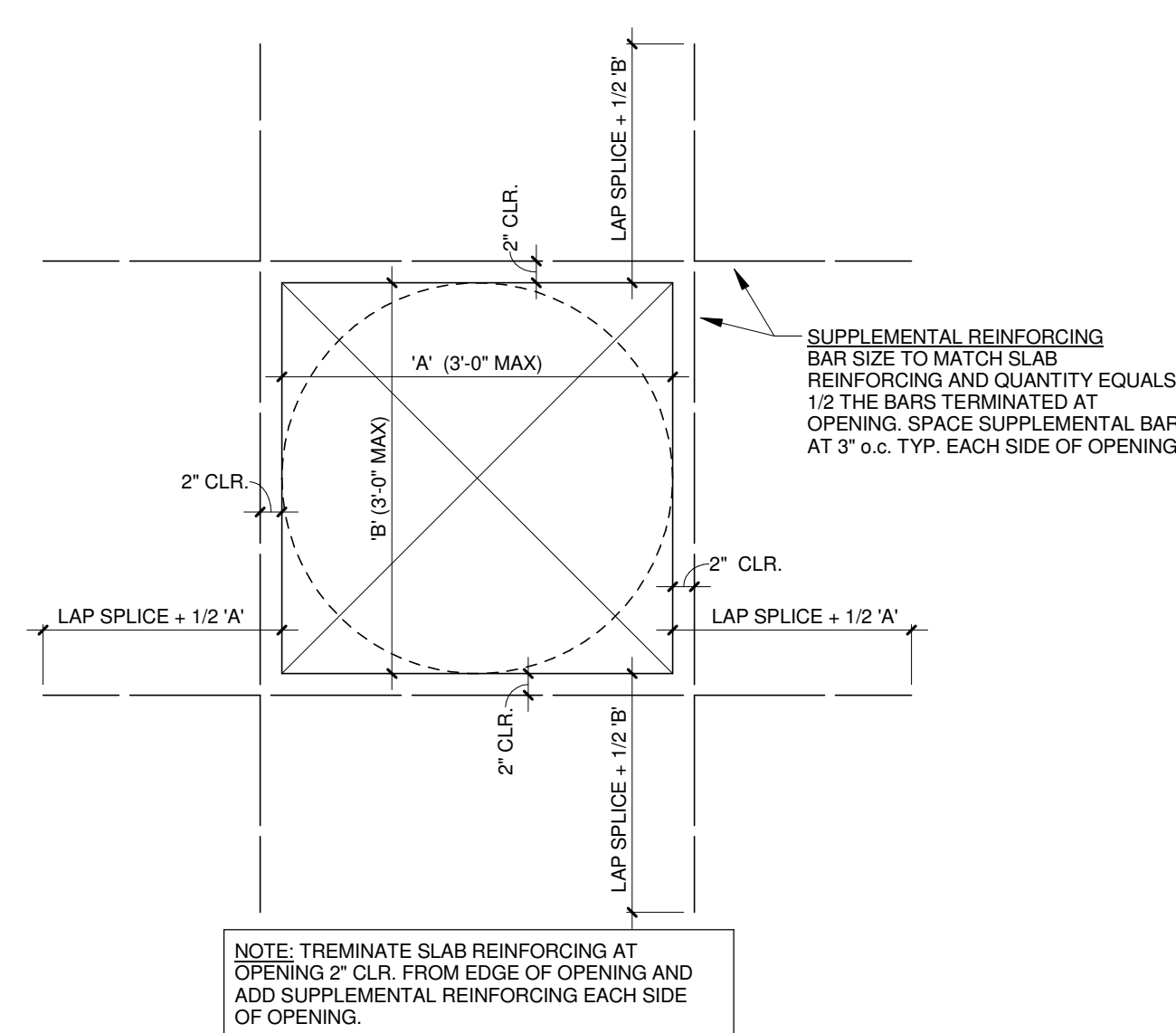
3

3/4" = 1'-0"



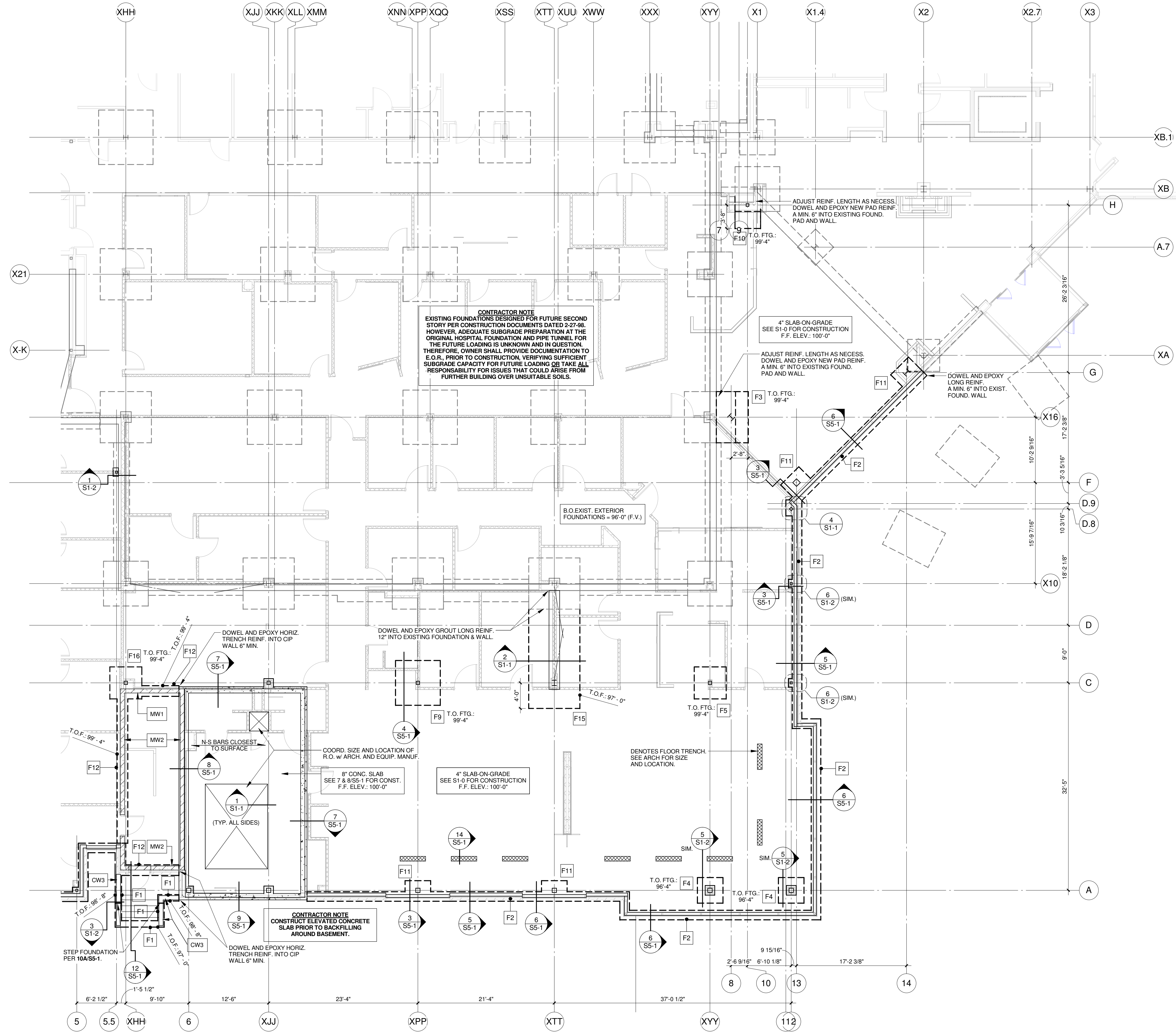
4

3/4" = 1'-0"



5

3/4" = 1'-0"



FOUNDATION AND FLOOR FRAMING - AREA A

1/8" = 1'-0"

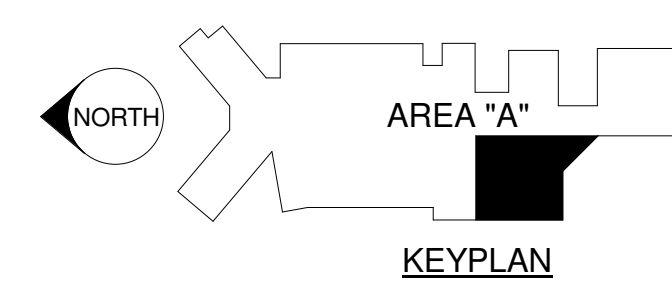
FOUNDATION PLAN NOTES - AREA A:

- SEE STRUCTURAL NOTES ON SHEET S1-0.
- COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- TOP OF FOOTING ELEVATION = 98'-8" UNLESS NOTED OTHERWISE THUS: $\bullet$ T.O.F. = xx'-x"
- F: FOOTING MARK, SEE SCHEDULE ON SHEET S1-1.
- SEE SHEET S2-1 FOR COLUMN INFORMATION.
- PAD FOOTINGS CENTERED UNDER COLUMNS, U.N.O.
- TRENCH FOOTING REINFORCEMENT TO BE CONTINUOUS THROUGH PAD FOOTINGS.

MASONRY/CIP WALL CONSTRUCTION:

MM1	8" CMU (GROUT SOLID)	VERTICAL REINFORCING: HEAVY LADDER AT 16" o.c.
MM2	8" CMU (GROUT REINFORCING)	VERTICAL REINFORCING: HEAVY LADDER AT 16" o.c.
CW1	18" CIP	VERTICAL REINFORCING: #5 AT 12" o.c. (INSIDE FACE)
CW2	12" CIP	VERTICAL REINFORCING: #5 AT 12" o.c. (INSIDE FACE)
CW3	8" CIP	VERTICAL REINFORCING: #4 AT 32" o.c. (CENTERED)

FOOTING SCHEDULE				
MARK	W	L	D	REINFORCING
F1	1'-0"	CONT.	3'-4"	(1) #6 TOP & BOTT. [HORIZ] #4 AT 32" o.c. [VERT.]
F2	1'-6"	CONT.	3'-4"	(1) #6 TOP & BOTT. [HORIZ] #4 AT 32" o.c. [VERT.]
F3	5'-0"	8'-0"	3'-4"	(5) #6 TOP & BOTT. [LONG.] (9) #6 TOP & BOTT. [TRANS.]
F4	4'-0"	4'-0"	1'-0"	(4) #5 BOTTOM [EA. WAY]
F5	5'-0"	5'-0"	1'-0"	(5) #5 BOTTOM [EA. WAY]
F6	6'-0"	6'-0"	1'-4"	(6) #6 BOTTOM [EA. WAY]
F7	6'-6"	6'-6"	1'-4"	(7) #6 BOTTOM [EA. WAY]
F8	7'-6"	7'-6"	1'-4"	(8) #6 BOTTOM [EA. WAY]
F9	7'-0"	7'-0"	1'-4"	(7) #6 BOTTOM [EA. WAY]
F10	4'-0"	5'-0"	3'-4"	(4) #6 TOP & BOTT. [LONG.] (5) #6 TOP & BOTT. [TRANS.]
F11	3'-0"	4'-0"	3'-4"	(3) #6 TOP & BOTT. [LONG.] (4) #6 TOP & BOTT. [TRANS.]
F12	1'-8"	CONT.	3'-4"	(2) #6 TOP & BOTT. [HORIZ] #4 AT 32" o.c. [VERT.]
F13	3'-0"	3'-0"	1'-0"	(4) #5 BOTTOM [EA. WAY]
F14	2'-8"	CONT.	3'-4"	(3) #6 TOP & BOTT. [HORIZ] #4 STIRRUPS AT 32" o.c. [VERT.]
F15	8'-0"	CONT.	1'-4"	(6) #5 TOP & BOTT. [LONG.] #4 TOP & BOTT. AT 24" o.c. [TRANS.]
F16	5'-0"	5'-0"	3'-4"	(5) #6 TOP & BOTT. [EA. WAY]



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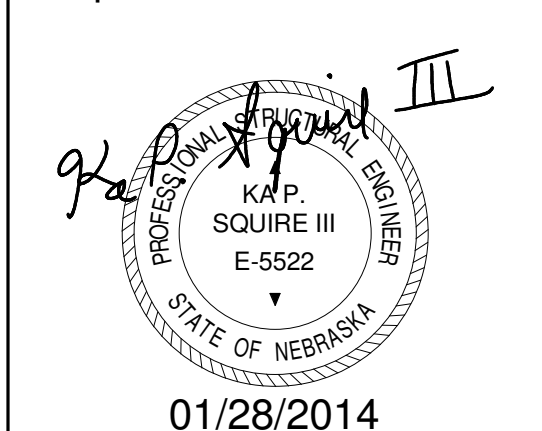
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**HOSPITAL
ADDITION AND
REMODEL**

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1	02/25/14	Addendum 1

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Drawn By:

DJS

Project Manager:

QGP

Project Number:

24902

Date:

01/28/2014

Sheet Title:

**FOUNDATION &
FLR FRAMING /
DETAILS
AREA A**

Sheet Number:

S1-1

SECTION

3/4" = 1'-0"

SECTION

3/4" = 1'-0"

SECTION

3/4" = 1'-0"

SECTION

3/4" = 1'-0"

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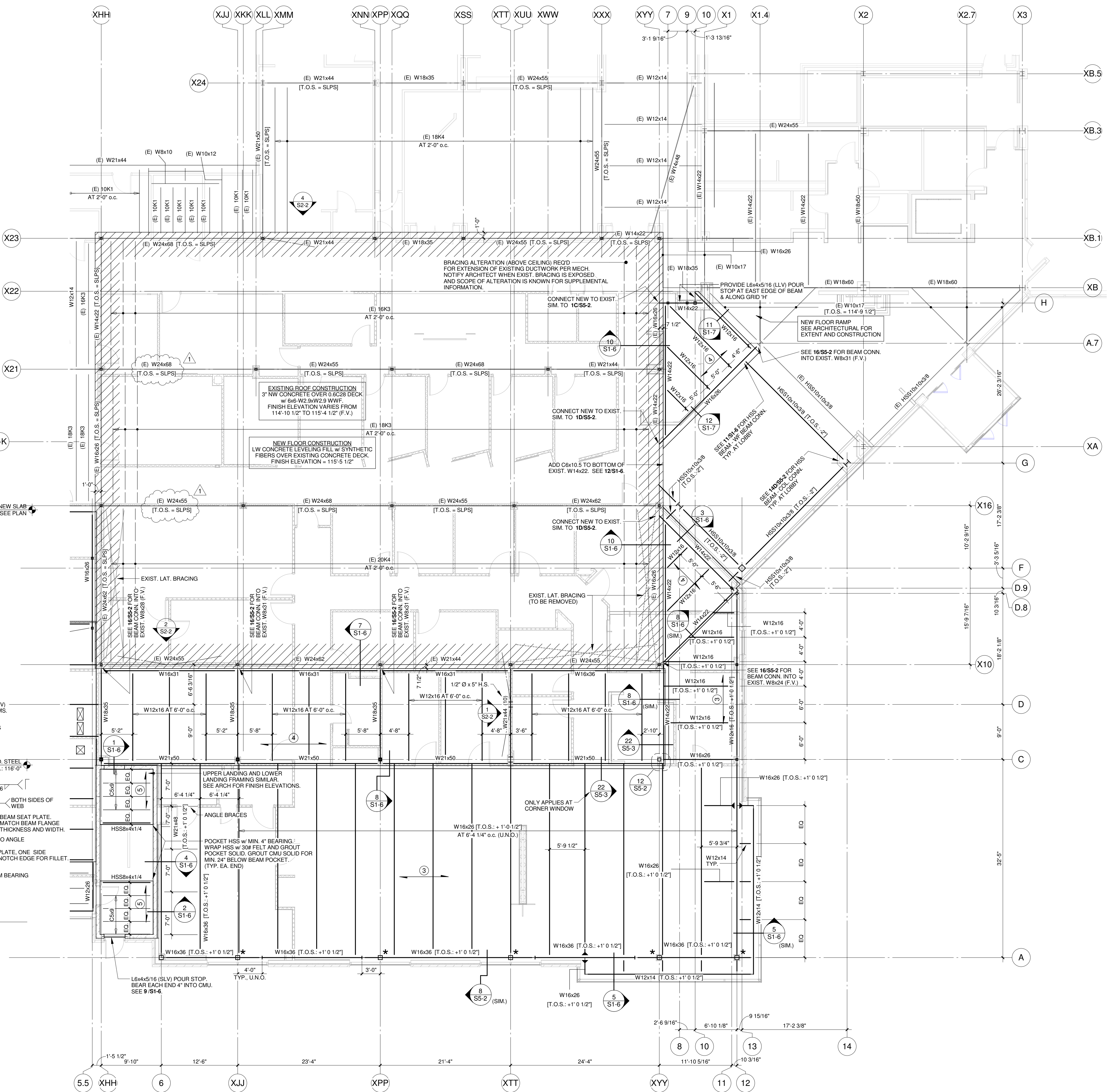
3/4" = 1'-0"

SECTION

3/4" = 1'-0"

SECTION

3/4" = 1'-0"



LOW ROOF / FLOOR FRAMING PLAN - AREA A

1/8" = 1'-0"

- FLOOR AND ROOF FRAMING PLAN NOTES - AREA A:
- SEE STRUCTURAL NOTES ON SHEET S1-0.
 - COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
 - TOP OF STEEL/JOIST BRG. ELEVATION = 114'-11 1/2". UNLESS NOTED OTHERWISE AS SPECIFIC ELEVATIONS ON GRID LINES OR ON INDIVIDUAL MEMBERS. MEMBERS INDICATED AS "W" OR "X" DESIGNATE DIFFERENTIAL TOP OF STEEL ELEVATION FROM TYPICAL.
 - INDICATES SPAN DIRECTION OF METAL DECK NOTED BELOW:
 - 3" 20ga. VULCRAFT 30NA METAL ROOF DECK.
 - 4 1/2" NW CONCRETE SLAB ON 1 1/2" 20ga. VULCRAFT 1.5C NON COMPOSITE METAL FLOOR DECK (6" TOTAL THICKNESS). REINFORCE SLAB ON DECK WITH 6# W2-W2.9W2.9 WWF DOWN 1 1/2" FROM TOP.
 - 3 1/2" NW CONCRETE SLAB ON 9 1/2" 20ga. VULCRAFT 0.6C NON COMPOSITE METAL FLOOR DECK (4" TOTAL THICKNESS). REINFORCE SLAB ON DECK WITH 6# W2-1.2W2.1 DOWN 1" FROM TOP.
 - JOISTS HAVE BEEN DESIGNED FOR ALL APPLICABLE LOADING, INCLUDING DRIFTING SNOW.
 - CONNECT BEAMS TOGETHER PER 18SS-2 U.N.O. WHERE EQUAL DEPTH BEAMS FRAME ACROSS FROM EACH OTHER CONNECT PER 18SS-2.
 - BEAR STEEL BEAMS ON HSS COLUMNS PER 2AS5-2 OR 2BS5-2. FRAME BEAMS INTO HSS COLUMNS PER 19SS-2.
 - INDICATES BEAM SPLICE PER 14SS-2.
 - INDICATES MOMENT CONNECTION ACROSS GIRDER. SEE 15SS-2.
 - INDICATES MOMENT CONNECTION OVER COLUMN.
 - TOP OF EXISTING STEEL ELEVATION ALONG GRIDS X10 & X11 = 114'-11" (FIELD VERIFY). UNLESS NOTED OTHERWISE.



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HOSPITAL ADDITION AND REMODEL

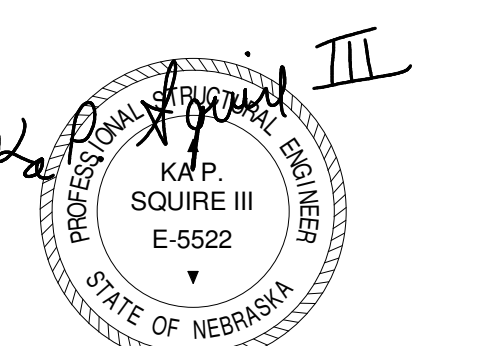
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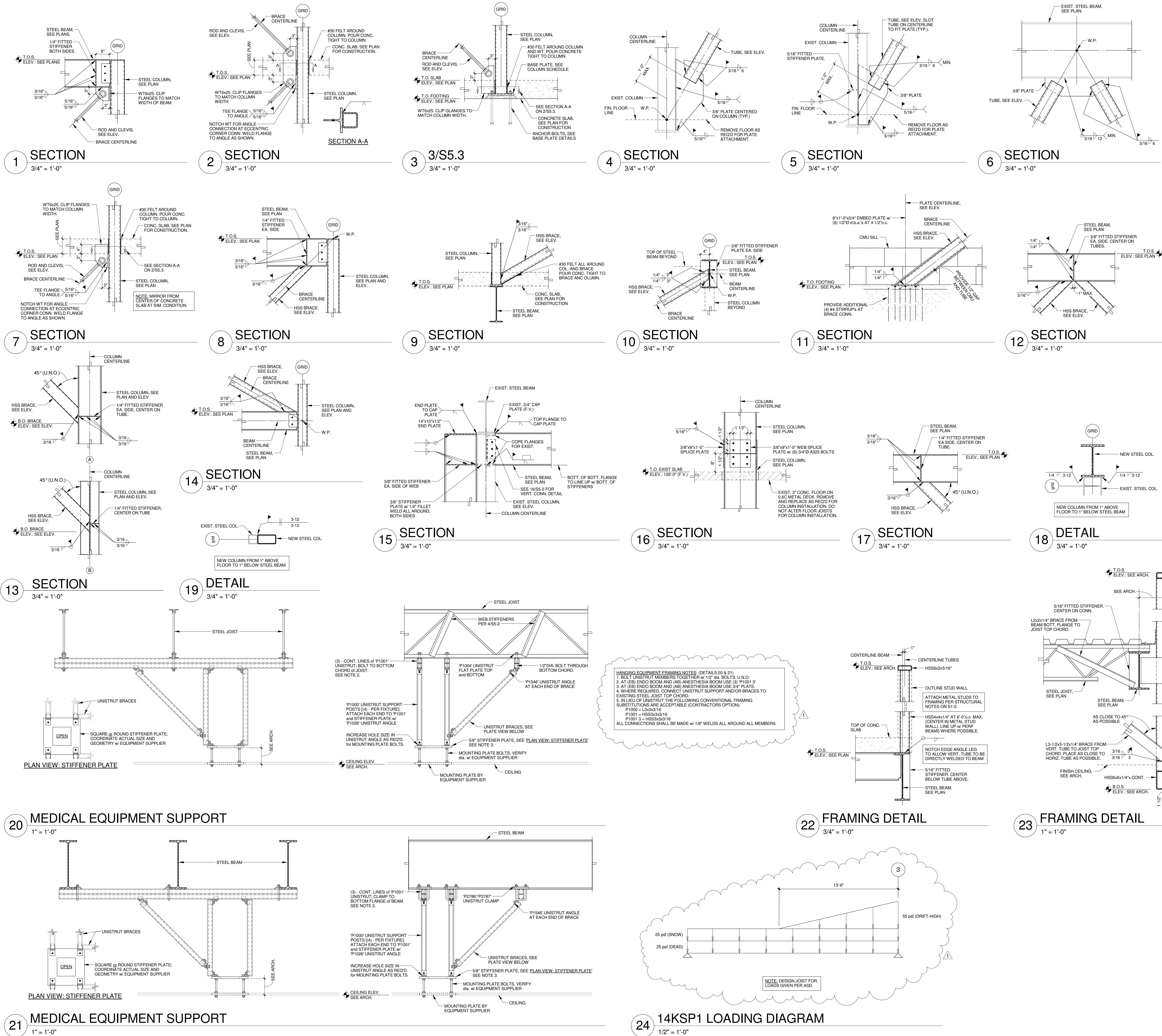
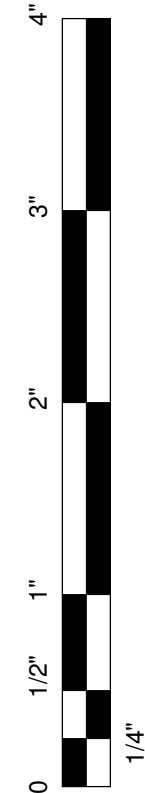
01/28/2014

Sheet Title:

LOW ROOF & FLR FRAMING / DETAILS AREA A

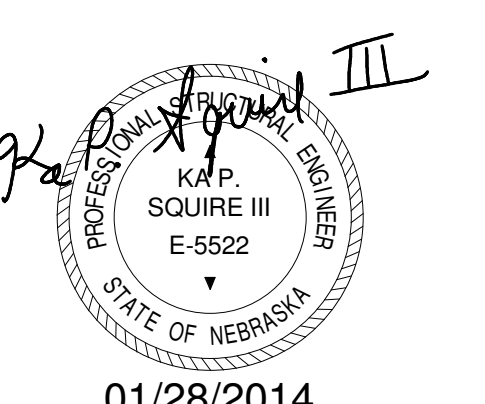
Sheet Number:

S1-6



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1	02/25/14	Addendum 1

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Project Manager: Approver

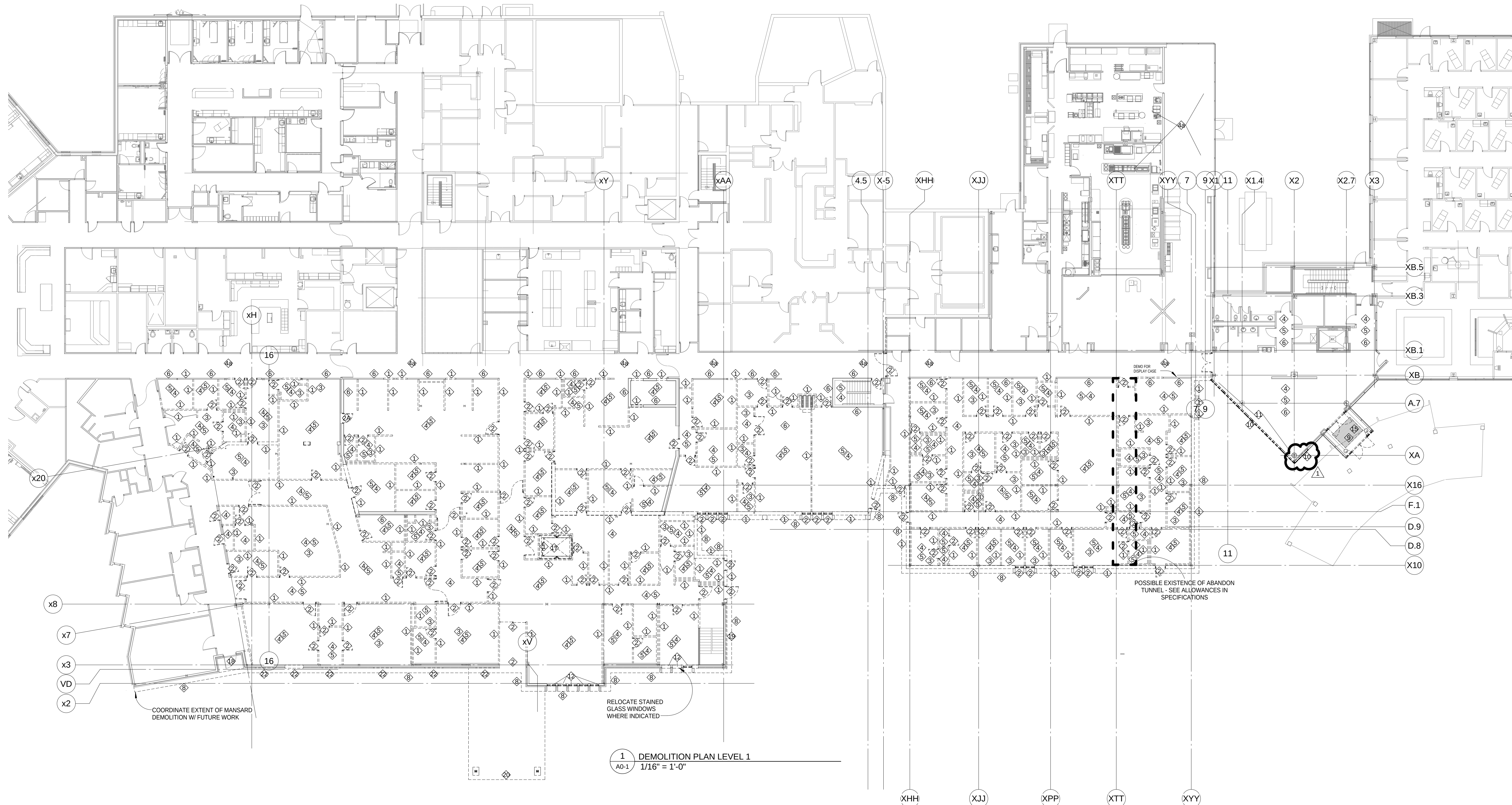
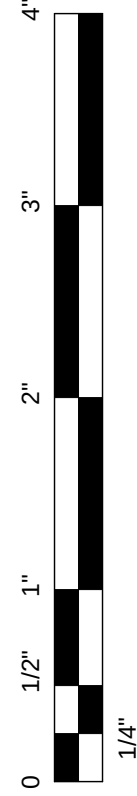
Project Number:
24902

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01/28/2014

Sheet Title:
STRUCTURAL
DETAILS

Sheet Number:

S5-3

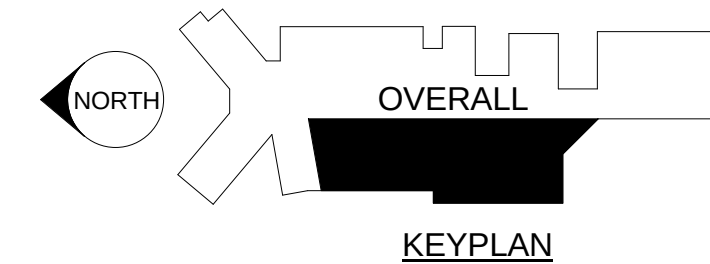


- INFECTION CONTROL NOTES**
- SPECIFY NEGATIVE AIR MACHINES WITH HEPA FILTER BE PROVIDED ON THE PROJECT WITH A SCHEDULED, DOCUMENTED, FILTER CHANGE.
 - SPECIFY THAT THE CONSTRUCTION PROJECT BE COMPLETELY SEPARATED BY A SEALED WALL WITH A FIRE-RATED BARRIER FROM THE ADJACENT FUNCTIONING SPACES.
 - SPECIFY PREDETERMINED CONSTRUCTION ROUTES AND TEMPORARY PARTITIONS TO PROMOTE CONSTRUCTION PATH SEGREGATION.
 - PROVIDE STICKY MATS AND WET MATS WITH A SPECIFIC CHANGE OUT SCHEDULE.
 - CONTRACTOR TO TRANSPORT MATERIALS (SPECIFICALLY DEMOLISHED MATERIAL) IN CLOSED CONTAINERS ONLY. THE WHEELS OF THE CART ARE REQUIRED TO BE WIPED DOWN BEFORE LEAVING THE CONSTRUCTION ZONE.
 - IF CEILING TILES OUTSIDE OF THE PROJECT PERIMETER NEED TO BE ACCESSED, A TEMPORARY BARRIER SHALL BE PLACED AND SEALED AROUND IT. THE CONTRACTOR MUST BRING A VACUUM INTO THE SEALED AREA WITH HIM AND VACUUM, BOTH THE AREA AND HIMSELF BEFORE LEAVING THE ENCLOSURE.

- GENERAL DEMOLITION NOTES**
- DEMOLITION PLANS ARE GENERAL AND DIAGRAMMATIC IN NATURE. THE PLANS ARE NOT INTENDED TO REPRESENT THE TOTAL SCOPE OF WORK. THESE PLANS DO NOT SHOW EACH ITEM THAT IS REQUIRED TO BE REMOVED. EACH CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL CONDITIONS AS THEY EXIST IN THE FIELD THROUGH SITE INSPECTION AND REVIEW OF THESE DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND COORDINATE THE REMOVAL AND DEMOLITION WORK AS REQUIRED TO ACHIEVE THE FINAL PRODUCT AS INDICATED IN THESE DOCUMENTS.
 - REFER TO ROOM FINISH SCHEDULE AND FINISH LEGEND FOR NEW FINISHES. REMOVE, CLEAN, PATCH/REPAIR EXISTING SURFACES/FINISHES AS NECESSARY FOR THE INSTALLATION OF NEWLY SCHEDULED FINISHES.
 - THE OWNER AND HIS DESIGNATED REPRESENTATIVES HAVE FIRST RIGHT OF REFUSAL REGARDING SALVAGEABLE ITEMS. CONTRACTOR SHALL COORDINATE WITH OWNER.
 - THE PLANS FOR THE EXISTING BUILDING MAY BE REVIEWED UPON REQUEST. THESE PLANS SHALL NOT BE CONSIDERED ACCURATE AND COMPLETE AS TO THE CONDITIONS AS THEY EXIST IN THE FIELD.
 - MODIFY THE EXISTING STRUCTURAL SYSTEM ONLY AS SHOWN ON THE STRUCTURAL DRAWINGS. MODIFICATIONS TO THE FIRE PROTECTION AND FIRE RESISTIVE WALL OR FLOOR SYSTEMS SHALL BE RESTORED TO MAINTAIN THE REQUIRED RATING.
 - ALL FLOORS OF THE BUILDING SHALL REMAIN OCCUPIED DURING THE DEMOLITION AND CONSTRUCTION. COORDINATE AND PROVIDE TEMPORARY INSTALLATIONS AND ENCLOSURES AS NECESSARY TO SEPARATE/PROTECT THE OCCUPIED AREAS FROM DEMOLITION AND CONSTRUCTION ACTIVITIES.
 - REMOVE ALL EXISTING FLOOR FINISHES WHERE NEW FINISHES ARE SCHEDULED. PREP EXISTING FLOOR SURFACE AS NECESSARY FOR NEWLY SCHEDULED FINISHES.
 - REMOVE EXISTING ITEMS AS REQUIRED FOR REUSE IN THE NEW PLAN OR NEW FINISH. CATALOG AND STORE ITEMS IN A SAFE STORAGE AREA SUBJECT TO THE OWNER'S APPROVAL UNTIL THE TIME OF REINSTALLATION. LOST ITEMS SHALL BE REPLACED WITH COMPARABLE NEW ITEM AT NO COST TO THE OWNER.

- CODED DEMOLITION NOTES**
- REMOVE WALL OR PARTITION AS SHOWN. REMOVE ALL ANCHORS, FASTENERS, ADHESIVES AND OTHER MISCELLANEOUS ITEMS ASSOCIATED WITH THE WALL.
 - REMOVE DOOR (OR WINDOW), FRAME, HARDWARE AND ANCHORS.
 - REMOVE PLUMBING FIXTURE AND ASSOCIATED PIPING. PATCH HOLES IN CONSTRUCTION TO REMAIN.
 - REMOVE ACOUSTICAL TILE CEILING AND SUSPENSION SYSTEM, LIGHTS, DIFFUSERS, RETURN AIR GRILLES AND ALL OTHER CEILING MOUNTED ITEMS INCLUDING MISCELLANEOUS CLIPS AND FASTENERS (TYPICAL CEILING UNLESS OTHERWISE NOTED).
 - REMOVE EXISTING CEILING AS REQUIRED (INCLUDING CEILING MOUNTED DEVICES) FOR INSTALLATION OF NEW MEP WORK IN CORRIDOR AND ELSEWHERE SHOWN OR REQUIRED. REINSTALL CEILING & DEVICES IN CORRIDOR TO MATCH EXISTING LAYOUT. (REUSE OF EXISTING MATERIAL THAT ARE IN GOOD CONDITION IS ACCEPTABLE). REPLACE DAMAGED ITEMS WITH NEW.
 - REMOVE EXISTING FLOORING, INCLUDING ADHESIVE, TACK STRIPS, TRANSITION STRIPS, BASE AND ASSOCIATED SETTING MATERIAL. PREPARE SUB FLOOR FOR SCHEDULED SURFACE (TYPICAL UNLESS OTHERWISE NOTED).
 - REMOVE EXISTING FLOORING, INCLUDING ADHESIVE, TACK STRIPS, TRANSITION STRIPS, BASE AND ASSOCIATED SETTING MATERIAL. PREPARE SUB FLOOR FOR SCHEDULED SURFACE (TYPICAL UNLESS OTHERWISE NOTED).
 - REMOVE ALL WALL COVERINGS ON WALLS TO REMAIN AND PREPARE WALL FOR NEW FINISH.
 - REMOVE / REROUTE / RELOCATE ALL ITEMS ABOVE CEILING TO ALLOW STRUCTURAL STEEL SUPPORT TO BE INSTALLED. NOT REFERENCED - SEE STRUCTURAL.
 - REMOVE EXISTING MANSARD ROOF / FASCIA ABOVE, IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO: STANDING SEAM, SHEATHING, METAL STUDS, TRIM, COPING AND SOFFIT.
 - REMOVE EXISTING CURTAIN WALL AND STUD WALL AS NECESSARY FOR NEW CONSTRUCTION.
 - CUT BACK CEILING, FLOOR AND WALL FINISHES TO LOGICAL POINT AT LOBBY IN PREPARATION OF TYING IN NEW SCHEDULED FINISHES.

- CODED DEMOLITION NOTES**
- REMOVE EXISTING STOREFRONT. SALVAGE STAINED GLASS AS NOTED. FRAME SUPPORT AND BLOCKING TO REMAIN. PREPARE OPENING FOR NEW STOREFRONT.
 - REMOVE BALLAST, MEMBRANE, INSULATION, ADHESIVES AND ALL OTHER ROOFING MATERIAL TO ROOF SLAB. - PREPARE SLAB FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURE AS REQ'D.
 - REMOVE BOTH LAYERS OF EXISTING SIDING TO STUDS. INSTALL ADDITIONAL NEW STUDS AND SHEATHING FOR NEW MEMBRANE ADHESION. SEE SECTION.
 - REMOVE FILL MAT WELL - FILL WITH SELF LEVELING CONCRETE MATCH SURROUNDING FLOOR HEIGHT.
 - REMOVE GLASS HANDRAIL, BASE SHOE AND CLADDING TO REMAIN.
 - REMOVE HYDRAULIC ELEVATOR COMPLETELY INCLUDING CAB, EQUIPMENT, RAILS, DOORS, SILLS AND ASSOCIATED STRUCTURE AND MEP. INFILL THE ELEVATOR OPENING ON FIRST FLOOR WITH A SLAB TO MATCH EXISTING AND AS DETAILED. PROVIDE A ONE-HOUR RATED PARTITION TO ENCLOSE THE SHAFT OPENING AT THE LOWER LEVEL.
 - REMOVE EXTERIOR SOFFIT TO ACCOMMODATE INSTALLATION OF ADDITIONAL STRUCTURE.
 - REMOVE EXISTING CLADDING - PREPARE WALL TO RECEIVE GWB PER WALL TYPE CALLED ON PLANS.
 - REMOVE CANOPY AND ALL RELATED SYSTEMS INCLUDING, BUT NOT LIMITED TO, PIERS, COLUMNS, CURBING - SEE STRUC AND CIVIL - PREPARE EXISTING WALL AT ENTRANCE FOR NEW CONSTRUCTION.
 - MODIFY TOP OF WALL AS SHOWN ON DRAWINGS.
 - REMOVE PORTION OF EXISTING WALL FOR NEW STOREFRONT.
 - REMOVE EXISTING DUCTS ABOVE ROOF IN THEIR ENTIRETY SEE MECH.



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architecture design planning

Consultants:



Contractor:



Client:

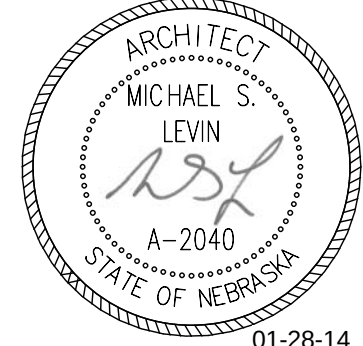
YORK GENERAL HEALTH CARE SERVICES

Project Title: HOSPITAL ADDITION AND REMODEL

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Drawn By: Author
Project Manager: Approver

Project Number:
24902
Date:
01/28/2014

DEMOLITION PLAN - LEVEL 1

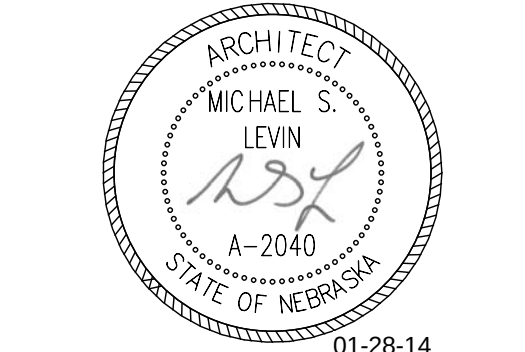
Sheet Number:

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Author	Approver

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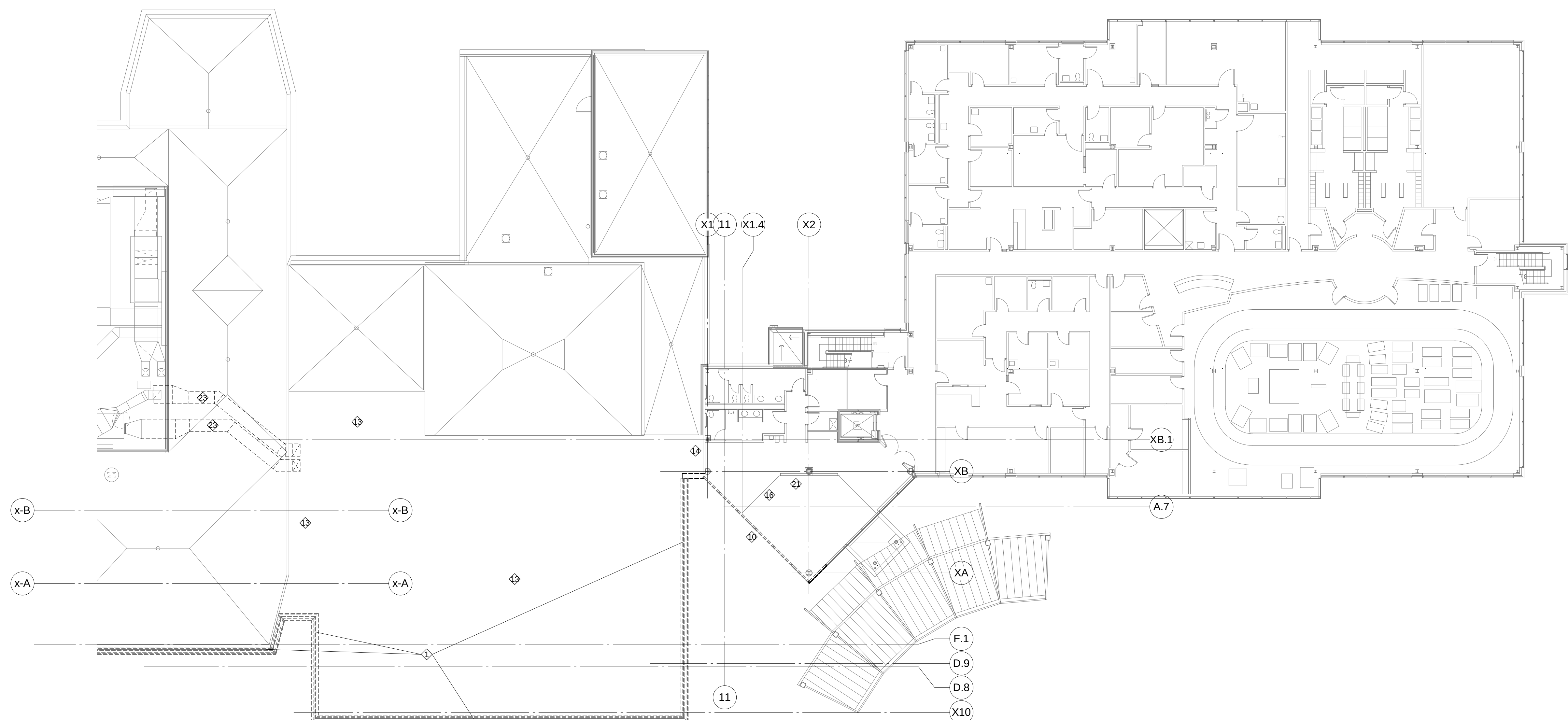
Date: 01/28/2014

Sheet Title:

DEMOLITION PLAN - LEVEL 2

Sheet Number:

A0-2



1 DEMOLITION PLAN LEVEL 2
A0-2 1/16" = 1'-0"

INFECTION CONTROL NOTES

- 1 SPECIFY NEGATIVE AIR MACHINES WITH HEPA
FILTER BE PROVIDED ON THE PROJECT WITH A
SCHEDULED, DOCUMENTED, FILTER CHANGE.
- 2 SPECIFY THAT THE CONSTRUCTION PROJECT
BE COMPLETELY SEPARATED BY A SEALED
WALL WITH A FIRE-RATED BARRIER FROM THE
ADJACENT FUNCTIONAL ZONE.
- 3 SPECIFY PREDETERMINED CONSTRUCTION
ROUTES AND TEMPORARY PARTITIONS TO
PROMOTE CONSTRUCTION PATH
SEGREGATION.
- 4 PROVIDE STICKY MATS AND WET MATS WITH A
SPECIFIC CHANGE OUT SCHEDULE.
- 5 CONTRACTOR TO TRANSPORT MATERIALS
(SPECIFICALLY DEMOLISHED MATERIAL) IN
CLOSELY CONTAINED CONTAINERS. THE WHEELS OF
THE CART ARE REQUIRED TO BE WIPED DOWN
BEFORE LEAVING THE CONSTRUCTION ZONE.
- 6 IF CEILING TILES OUTSIDE OF THE PROJECT
PERIMETER NEED TO BE ACCESSED, A
TEMPORARY BARRIER SHALL BE PLACED AND
SEALED AROUND IT. THE CONTRACTOR MUST
BRING A VACUUM UNIT TO SEAL
WITH HIM AND VACUUM BOTH THE AREA AND
HIMSELF BEFORE LEAVING THE ENCLOSURE.

GENERAL DEMOLITION NOTES

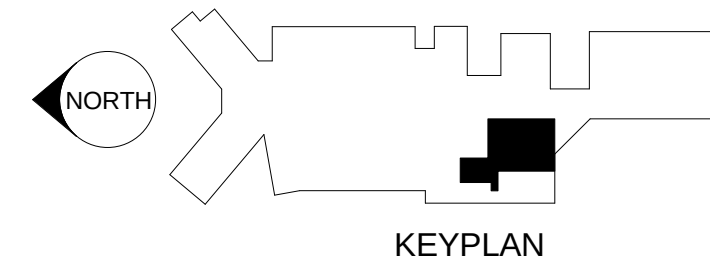
- 1 DEMOLITION PLANS ARE GENERAL AND DIAGRAMMATIC IN NATURE. THE PLANS ARE NOT INTENDED TO REPRESENT THE TOTAL SCOPE OF WORK. THESE PLANS DO NOT SHOW EACH ITEM THAT IS REQUIRED TO BE REMOVED. EACH CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL CONDITIONS AS THEY EXIST IN THE FIELD THROUGH SITE INSPECTION AND REVIEW OF THESE DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND COORDINATE THE REMOVAL AND DEMOLITION WORK AS REQUIRED TO ACHIEVE THE FINAL PRODUCT AS INDICATED IN THESE DOCUMENTS.
- 2 REFER TO ROOM FINISH SCHEDULE AND FINISH LEGEND FOR NEW FINISHES. REMOVE GLASS, BATHTUB/SHOWER EXISTING SURFACES/FINISHES AS NECESSARY FOR THE INSTALLATION OF NEWLY SCHEDULED FINISHES.
- 3 THE OWNER AND HIS DESIGNATED REPRESENTATIVES HAVE FIRST RIGHT OF REFUSAL REGARDING SALVAGEABLE ITEMS. CONTRACTOR SHALL COORDINATE WITH OWNER.
- 4 THE PLANS FOR THE EXISTING BUILDING MAY BE REVIEWED UPON REQUEST. THESE PLANS SHALL NOT BE CONSIDERED ACCURATE AND COMPLETE AS TO THE CONDITIONS AS THEY EXIST IN THE FIELD.
- 5 MODIFY THE EXISTING STRUCTURAL SYSTEM ONLY AS SHOWN ON THE STRUCTURAL DRAWINGS. MODIFICATIONS TO THE FIRE PROTECTION AND FIRE RESISTIVE WALL OR FLOOR SYSTEMS SHALL BE RESTORED TO MAINTAIN THE REQUIRED RATING.
- 6 ALL FLOORS OF THE BUILDING SHALL REMAIN OCCUPIED DURING THE DEMOLITION AND CONSTRUCTION. COORDINATE AND PROVIDE TEMPORARY INSTALLATIONS AND ENCLOSURES AS NECESSARY TO SEPARATE/PROTECT THE OCCUPIED AREAS FROM DEMOLITION AND CONSTRUCTION ACTIVITIES.
- 7 REMOVE ALL EXISTING FLOOR FINISHES WHERE NEW FINISHES ARE SCHEDULED. PREPARE EXISTING FLOOR SURFACE AS NECESSARY FOR NEWLY SCHEDULED FINISHES.
- 8 REMOVE EXISTING ITEMS AS REQUIRED FOR REUSE IN THE NEW PROJECT. NEW FINISHES, MATERIALS AND STORE ITEMS IN A SAFE STORAGE AREA SUBJECT TO THE OWNER'S APPROVAL UNTIL THE TIME OF REINSTALLATION. LOST ITEMS SHALL BE REPLACED WITH COMPARABLE NEW ITEM AT NO COST TO THE OWNER.

CODED DEMOLITION NOTES

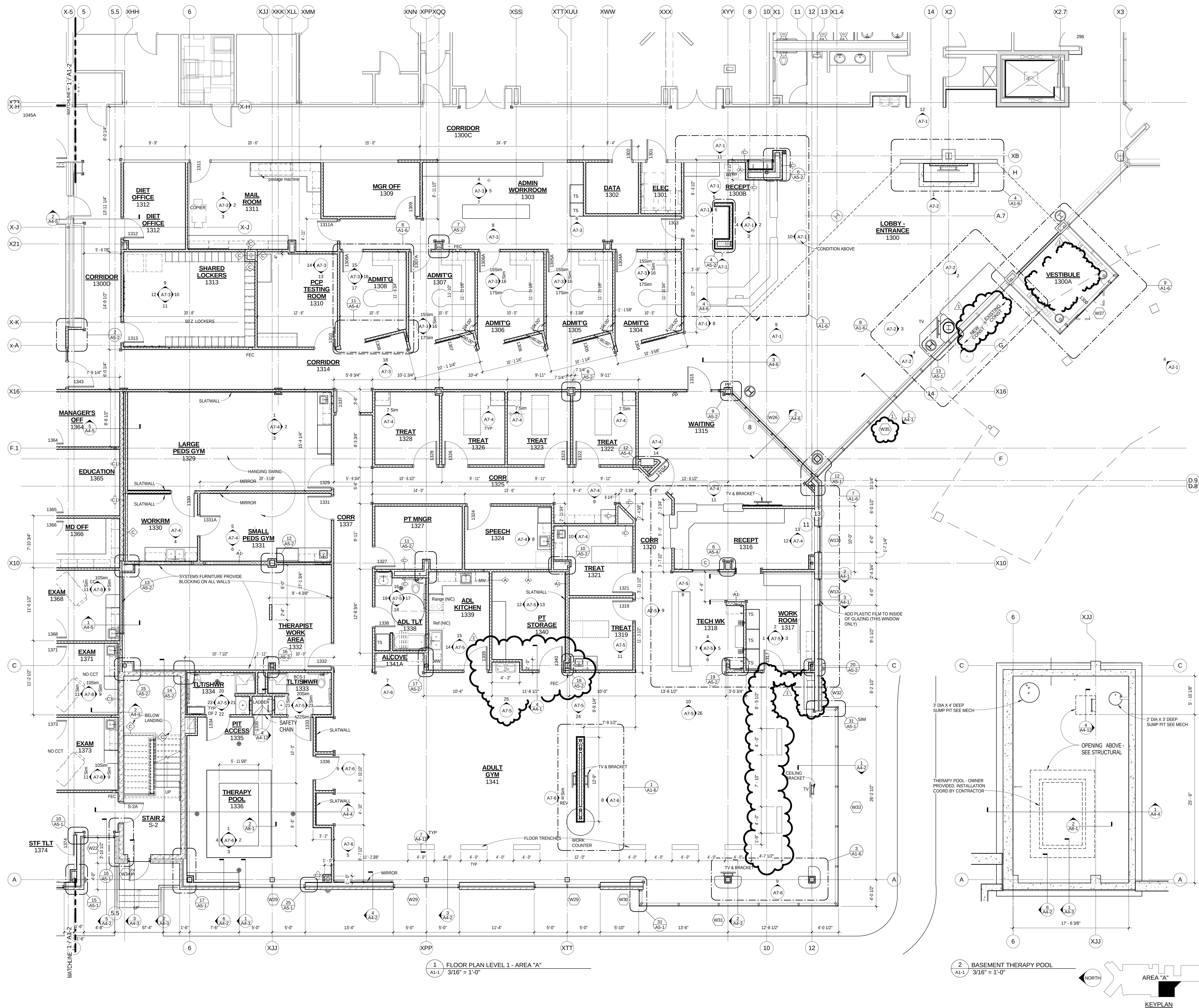
- 1 REMOVE WALL OR PARTITION AS SHOWN. REMOVE ALL ANCHORS, FASTENERS, ADHESIVES AND OTHER MISCELLANEOUS ITEMS ASSOCIATED WITH THE WALL.
- 2 REMOVE DOOR (OR WINDOW), FRAME, HARDWARE AND ANCHORS.
- 3 REMOVE PLUMBING FIXTURE AND ASSOCIATED PIPING. PATCH HOLES IN CONSTRUCTION TO REMAIN.
- 4 REMOVE ACOUSTICAL TILE CEILING AND SUSPENSION SYSTEM INCLUDING DOWNLIGHTS, RETURN AIR GRILLES AND ALL OTHER CEILING MOUNTED ITEMS INCLUDING MISCELLANEOUS CLIPS AND FASTENERS (TYPICAL CEILING UNLESS OTHERWISE NOTED)
- 4a REMOVE EXISTING CEILING AS REQUIRED (INCLUDING CEILING MOUNTED DEVICES) FOR INSTALLATION OF NEW MEP WORK IN CORRIDOR AND ELSEWHERE SHOWN OR REQUIRED. DISMANTLE ALL CEILING & DEVICES IN CORRIDOR TO MATCH EXISTING LAYOUT. (REUSE OF EXISTING MATERIAL THAT ARE IN GOOD CONDITION IS ACCEPTABLE). REPLACE DAMAGED ITEMS WITH NEW.
- 5 REMOVE EXISTING FLOORING, INCLUDING ADHESIVE, TACK STRIPS, TRANSITION STRIPS, BASE AND ASSOCIATED SETTING MATERIAL. PREPARE SUB FLOOR FOR SCHEDULED SURFACE (CONCRETE UNLESS OTHERWISE NOTED).
- 5 REMOVE EXISTING FLOORING, INCLUDING ADHESIVE, TACK STRIPS, TRANSITION STRIPS, BASE AND ASSOCIATED SETTING MATERIAL. PREPARE SUB FLOOR FOR SCHEDULED SURFACE (TYPICAL UNLESS OTHERWISE NOTED).
- 6 REMOVE ALL WALL COVERINGS ON WALLS TO REMAIN AND PREPARE WALL FOR NEW FINISH.
- 7 REMOVE / RELOCATE / RELOCATE ALL ITEMS ABOVE CEILING TO NEW STRUCTURAL STEEL SUPPORT TO BE INSTALLED, NOT REFERENCED - SEE STRUCTURAL
- 8 REMOVE EXISTING MANSARD ROOF / FASCIA ABOVE, IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO: STANDING SEAM, SHEATHING, METAL STUDS, TRIM, COPING AND SOFFIT
- 9 REMOVE EXISTING DOORS AND STOREFRONT AS NECESSARY FOR NEW WORK
- 10 REMOVE EXISTING CURTAIN WALL AND STUD WALL AS NECESSARY FOR NEW CONSTRUCTION
- 11 CUT BACK CEILING, FLOOR AND WALL FINISHES TO EXISTING POINT AT LOBBY IN PREPARATION OF TYING IN NEW SCHEDULED FINISHES.

CODED DEMOLITION NOTES

- 12 REMOVE EXISTING STOREFRONT. SALVAGE STAINED GLASS AS NOTED. FRAME SUPPORT AND BLOCKING TO REMAIN. PREPARE OPENING FOR NEW STOREFRONT.
- 13 REMOVE BALLAST, MEMBRANE, INSULATION, ADHESIVES AND ALL OTHER ROOFING MATERIAL TO ROOF SLAB. - PREPARE SLAB FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURE AS REQ'D.
- 14 REMOVE BOTH LAYERS OF EXISTING SIDING TO STUDS. INSTALL ADDITIONAL NEW STUDS AND SHEATHING FOR NEW MEMBRANE ADHESION. SEE SECTION.
- 15 REMOVE FILL MAT WELL. - FILL WITH SELF LEVELING CONCRETE MATCH SURROUNDING FLOOR HEIGHT
- 16 REMOVE GLASS HANDRAIL. BASE SHOE AND CLADDING TO REMAIN.
- 17 REMOVE HYDRAULIC ELEVATOR COMPLETELY INCLUDING CAB, EQUIPMENT, RAILS, DOORS, SILLS AND ASSOCIATED STRUCTURE AND MEP. - INSTALL THE ELEVATOR OPENING ON FIRST FLOOR WITH A SLAB TO MATCH EXISTING AND AS DETAILED. PROVIDE A ONE-HOUR RATED PARTITION TO ENCLOSE THE SHAFT OPENING AT THE LOWER LEVEL.
- 18 REMOVE EXTERIOR SOFFIT TO ACCOMMODATE INSTALLATION OF ADDITIONAL STRUCTURE.
- 19 REMOVE EXISTING CLADDING - PREPARE WALL TO RECEIVE CMB PER WALL TYPE CALLED ON PLANS.
- 20 REMOVE CANOPY AND ALL RELATED SYSTEMS INCLUDING, BUT NOT LIMITED TO, PIERS, COLUMNS, CURBING - SEE STRUC AND CIVIL - PREPARE EXISTING WALL AT ENTRANCE FOR NEW CONSTRUCTION
- 21 MODIFY TOP OF WALL AS SHOWN ON DRAWINGS.
- 22 REMOVE PORTION OF EXISTING WALL FOR NEW STOREFRONT.
- 23 REMOVE EXISTING DUCTS ABOVE ROOF IN THEIR ENTIRETY SEE MECH.



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TD2

engineering
& surveying

Contractor:

Sampson

Construction

Client:

YORK GENERAL
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ARCHITECT
MICHAEL S. LEVIN
A-2040
STATE OF NEBRASKA
01-28-14

Drawn By:

Project Manager:

msl

msl

Project Number:

Date:

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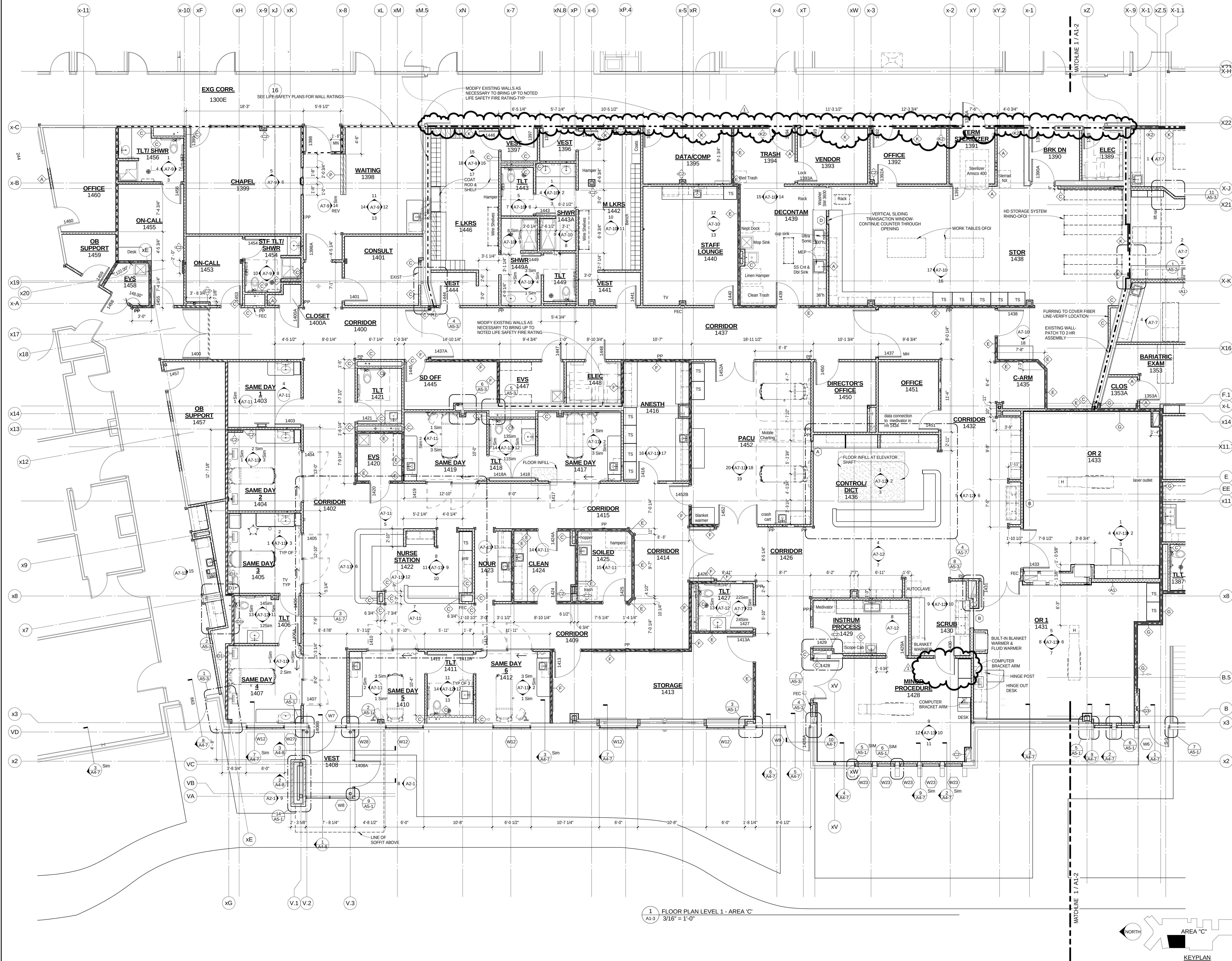
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FLOOR PLAN -
AREA "A"

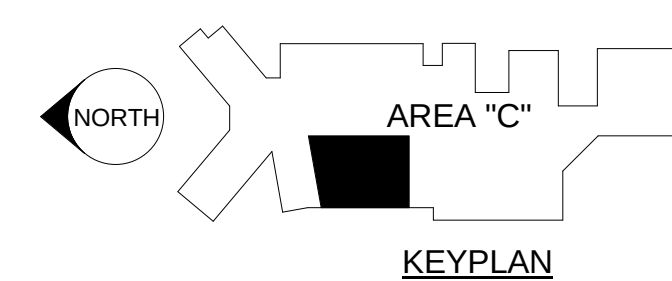
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1 FLOOR PLAN LEVEL 1 - AREA 'C'
3/16" = 1'-0"



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LEVIN
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STATE OF NEBRASKA
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Drawn By:

Project Manager:

Author

Approver

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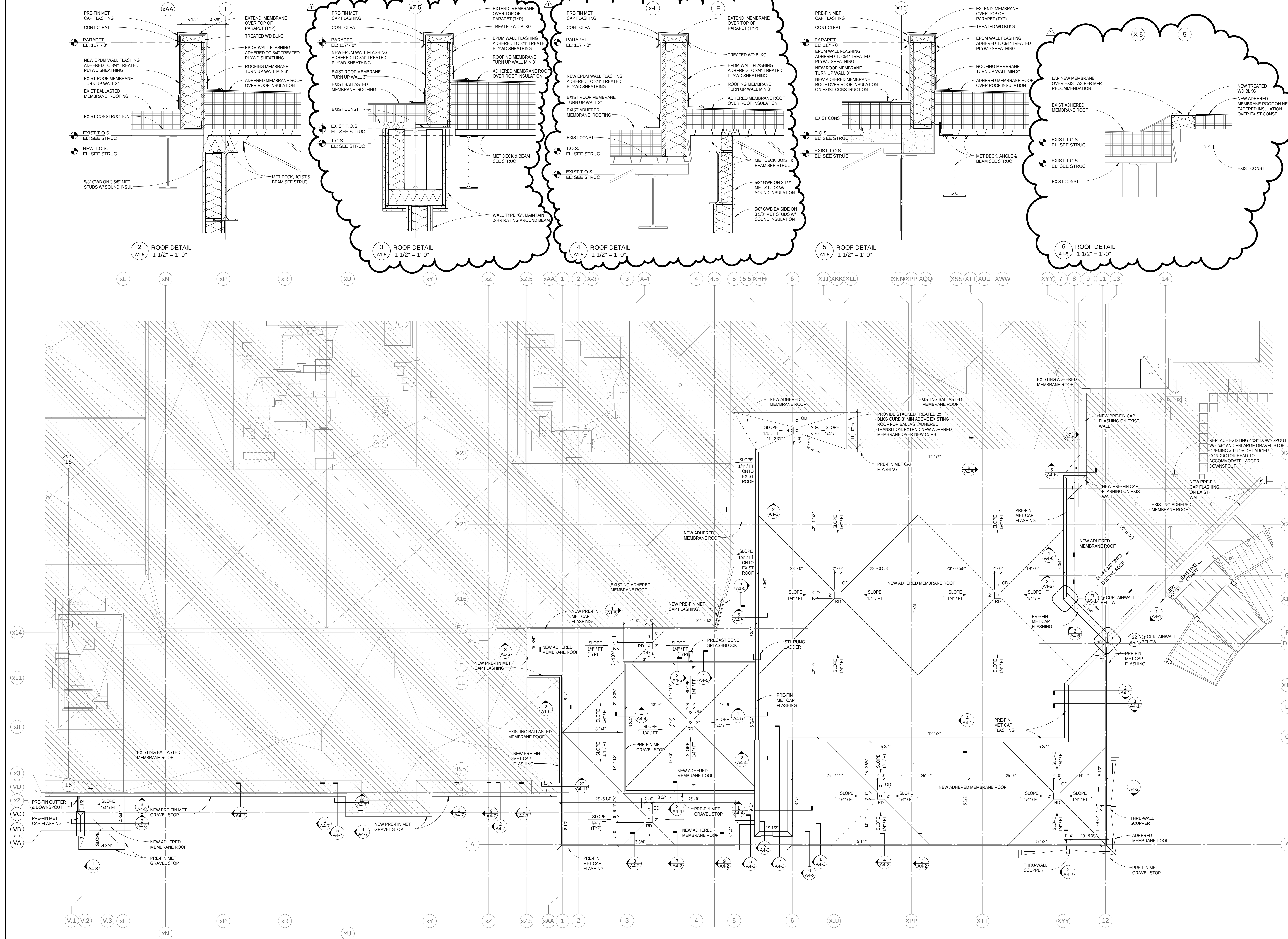
FLOOR PLAN -
AREA "C"

Sheet Number:

A1-3

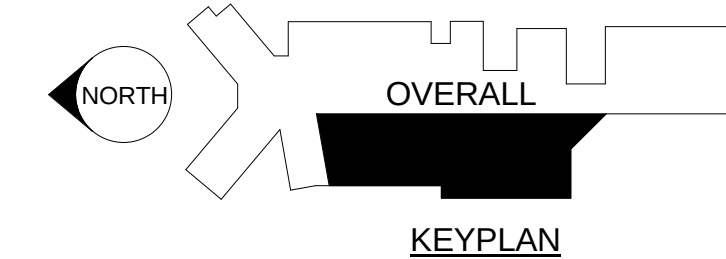
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4'
3'
2'
1'
0 1/2" = 1'-0"



ROOF PLAN NOTES

1. SLOPE ALL MAIN ROOF SURFACES 1/4" PER FOOT.
2. ALL DIMENSIONS FROM FACE OF FINISH UNLESS NOTED OTHERWISE.
3. PROVIDE CRICKETS AT ALL MECHANICAL ROOF TOP EQUIPMENT.
4. VERIFY EXACT LOCATIONS OF MECHANICAL UNITS (I.E. FRESH AIR FANS, EXHAUST FANS, ETC.) WITH MECHANICAL SHEETS.
5. (0') - HEIGHT OF ROOF ABOVE DECK.



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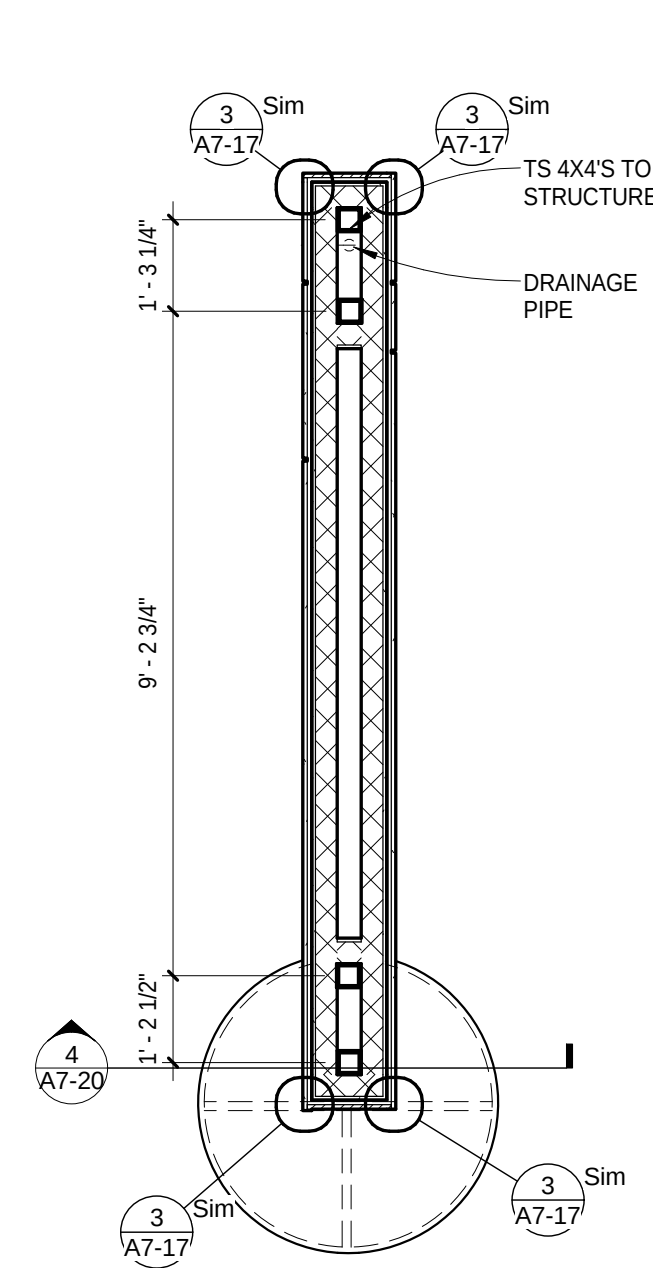
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ROOF PLAN

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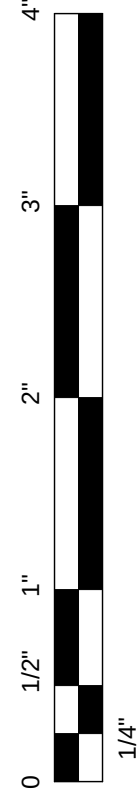
Architectural floor plan showing a building layout with various rooms and dimensions. The plan includes a large central area labeled "CSWK BELOW" and several smaller rooms. Dimensions are provided for walls, openings, and overall room sizes. Callouts A7-4, A7-5, and A7-6 are present, along with numbered circles 1 through 13. The plan shows a complex layout with multiple rooms, corridors, and structural elements.

Architectural floor plan of a building with multiple rooms and corridors. The plan includes dimensions for walls, openings, and furniture. Key features include a large central room with a fireplace, a kitchen area with a sink and stove, a bathroom, and a bedroom. The plan is labeled with room numbers and names, and includes a north arrow.

Room labels and dimensions:

- Room 1: 12' x 12' (Top Left)
- Room 2: 12' x 12' (Top Right)
- Room 3: 12' x 12' (Middle Left)
- Room 4: 12' x 12' (Middle Right)
- Room 5: 12' x 12' (Bottom Left)
- Room 6: 12' x 12' (Bottom Right)
- Room 7: 12' x 12' (Far Right)
- Room 8: 12' x 12' (Far Left)
- Room 9: 12' x 12' (Far Bottom Left)
- Room 10: 12' x 12' (Far Bottom Right)
- Room 11: 12' x 12' (Far Top Left)
- Room 12: 12' x 12' (Far Top Right)
- Room 13: 12' x 12' (Far Middle Left)
- Room 14: 12' x 12' (Far Middle Right)
- Room 15: 12' x 12' (Far Bottom Left)
- Room 16: 12' x 12' (Far Bottom Right)
- Room 17: 12' x 12' (Far Far Left)
- Room 18: 12' x 12' (Far Far Right)
- Room 19: 12' x 12' (Far Far Top Left)
- Room 20: 12' x 12' (Far Far Top Right)
- Room 21: 12' x 12' (Far Far Middle Left)
- Room 22: 12' x 12' (Far Far Middle Right)
- Room 23: 12' x 12' (Far Far Bottom Left)
- Room 24: 12' x 12' (Far Far Bottom Right)
- Room 25: 12' x 12' (Far Far Far Left)
- Room 26: 12' x 12' (Far Far Far Right)
- Room 27: 12' x 12' (Far Far Far Top Left)
- Room 28: 12' x 12' (Far Far Far Top Right)
- Room 29: 12' x 12' (Far Far Far Middle Left)
- Room 30: 12' x 12' (Far Far Far Middle Right)
- Room 31: 12' x 12' (Far Far Far Bottom Left)
- Room 32: 12' x 12' (Far Far Far Bottom Right)
- Room 33: 12' x 12' (Far Far Far Far Left)
- Room 34: 12' x 12' (Far Far Far Far Right)
- Room 35: 12' x 12' (Far Far Far Far Top Left)
- Room 36: 12' x 12' (Far Far Far Far Top Right)
- Room 37: 12' x 12' (Far Far Far Far Middle Left)
- Room 38: 12' x 12' (Far Far Far Far Middle Right)
- Room 39: 12' x 12' (Far Far Far Far Bottom Left)
- Room 40: 12' x 12' (Far Far Far Far Bottom Right)
- Room 41: 12' x 12' (Far Far Far Far Far Left)
- Room 42: 12' x 12' (Far Far Far Far Far Right)
- Room 43: 12' x 12' (Far Far Far Far Far Top Left)
- Room 44: 12' x 12' (Far Far Far Far Far Top Right)
- Room 45: 12' x 12' (Far Far Far Far Far Middle Left)
- Room 46: 12' x 12' (Far Far Far Far Far Middle Right)
- Room 47: 12' x 12' (Far Far Far Far Far Bottom Left)
- Room 48: 12' x 12' (Far Far Far Far Far Bottom Right)
- Room 49: 12' x 12' (Far Far Far Far Far Far Left)
- Room 50: 12' x 12' (Far Far Far Far Far Far Right)
- Room 51: 12' x 12' (Far Far Far Far Far Far Top Left)
- Room 52: 12' x 12' (Far Far Far Far Far Far Top Right)
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- Room 54: 12' x 12' (Far Far Far Far Far Far Middle Right)
- Room 55: 12' x 12' (Far Far Far Far Far Far Bottom Left)
- Room 56: 12' x 12' (Far Far Far Far Far Far Bottom Right)
- Room 57: 12' x 12' (Far Far Far Far Far Far Far Left)
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- Room 63: 12' x 12' (Far Far Far Far Far Far Far Bottom Left)
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- Room 70: 12' x 12' (Far Far Far Far Far Far Far Far Middle Right)
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- Room 116: 12' x 12' (Far Far Far Far Far Far Far Far Far Far Far Far Far Far Top Right)
- Room 117: 12' x 12' (Far Far Far Far Far Far Far Far Far Far Far Far Far Far Middle Left)
- Room 118: 12' x 12' (Far Far Far Far Far Far Far Far Far Far Far Far Far Far Middle Right)
- Room 119: 12' x 12' (Far Far Far Far Far Far Far Far Far Far Far Far Far Far Bottom Left)
- Room 120: 12' x 12' (Far Far Far Far Far Far Far Far Far Far Far Far Far Far Bottom Right)
- Room 121: 12' x 12' (Far Far Far Far Far Far Far Far Far Far Far Far Far Far Far Left)
- Room 122: 12' x 12' (Far Far Far Far Far Far Far Far Far Far Far Far Far Far Far Right)
- Room 123: 12' x 12' (Far Far Far Far Far Far Far Far Far Far Far Far Far Far Far Top Left)
- Room 124: 12' x 12' (Far Far Far Far Far Far Far Far Far Far Far Far Far Far Far Top Right)
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- Room 129: 12' x 12' (Far Far Far Far Far Far Far Far Far Far Far Far Far Far Far Far Left)

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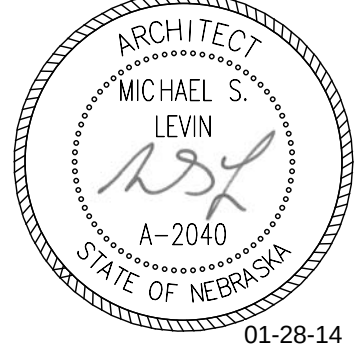
**YORK GENERAL
HEALTH CARE
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Drawn By: DAS
Project Manager: MSL

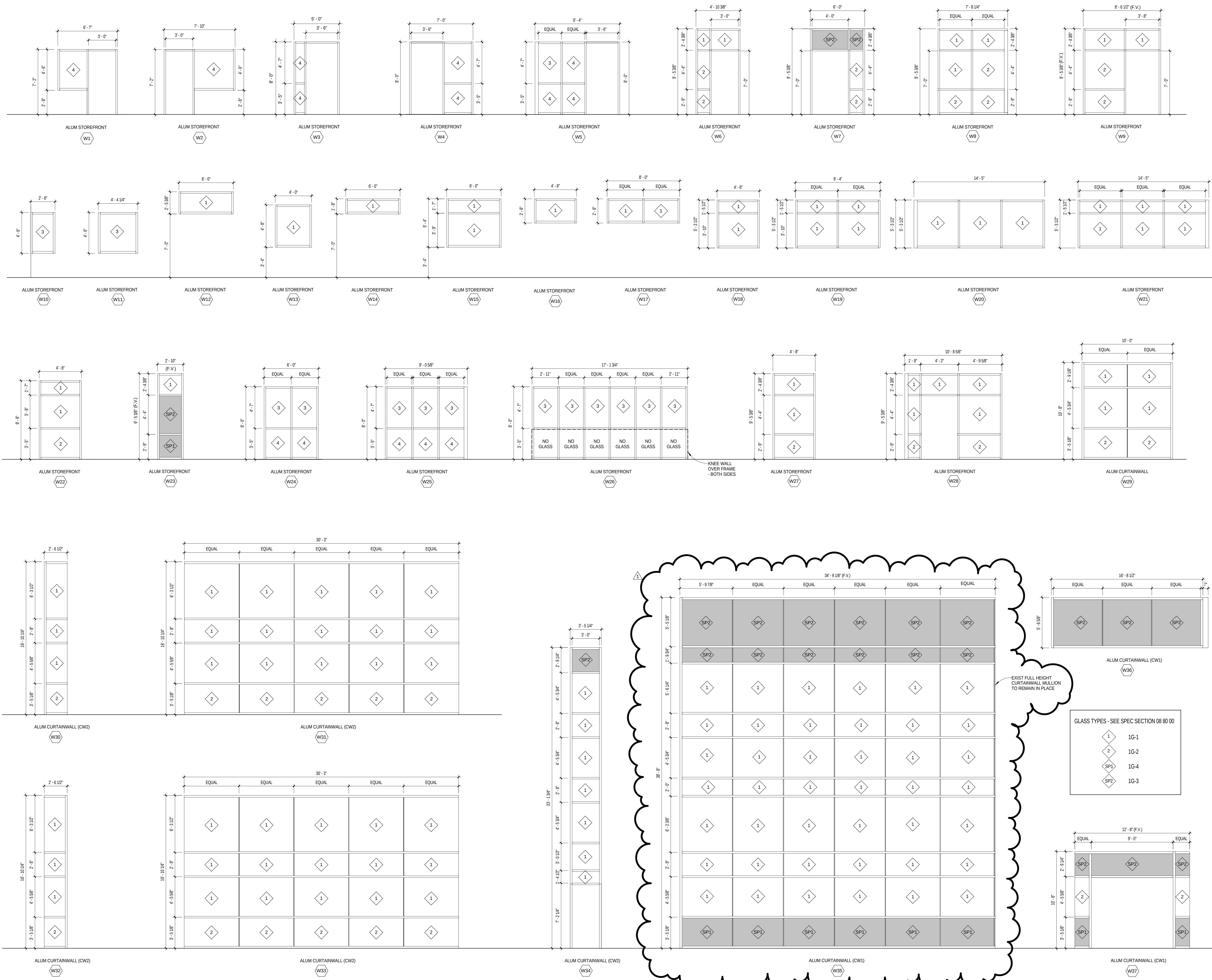
Project Number:
24902

Date:
01/28/2014

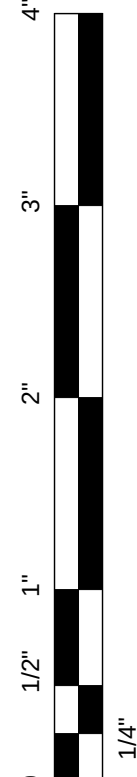
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**ALUMINUM
FRAME TYPES**

Sheet Number:

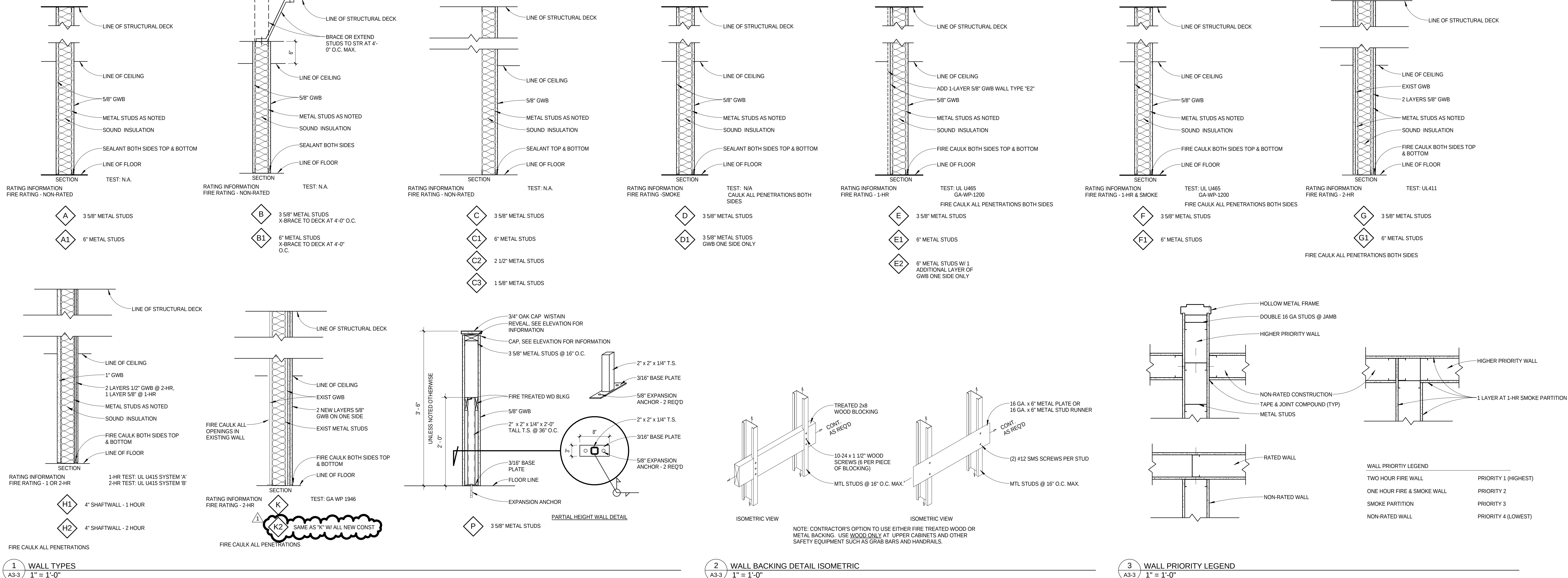
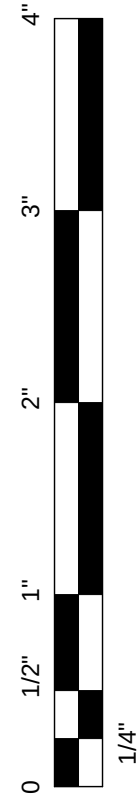
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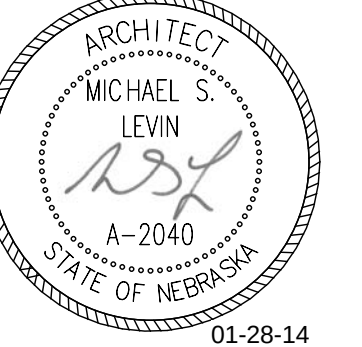


DOOR AND FRAME SCHEDULE														
Mark	Room Name	Room Number	Pair	Width	Height	Hdwe Set	Door Type	Material	Door Finish	Rating	Frame Type	Frame Material	Frame Finish	Comments
1300	VESTIBULE	1300A	X	9' - 0"	7' - 6"	---	G	ALUM	---		---	ALUM	---	ALUMINUM SLIDING ENTRANCE DOOR
1301	ELEC	1301		3' - 0"	7' - 0"	38	A	WD	S-1		1	HM	P-2D	
1302	DATA	1302		3' - 0"	7' - 0"	38	A	WD	S-1		1	HM	P-2D	
1303	RECEPT	1300B		3' - 0"	7' - 0"	10	A	WD	S-1		1	HM	P-2D	
1304	ADMIT'G	1304		3' - 10"	7' - 0"	11	D	ALUM/ARP-2	---		5	ALUM	---	BARN DOOR
1304A	ADMIT'G	1304		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1305	ADMIT'G	1305		3' - 11"	7' - 0"	11	D	ALUM/ARP-2	---		5	ALUM	---	BARN DORR
1305A	ADMIT'G	1305		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1306	ADMIT'G	1306		3' - 11"	7' - 0"	11	D	ALUM/ARP-2	---		5	ALUM	---	BARN DOOR
1306A	ADMIT'G	1306		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1307	ADMIT'G	1307		3' - 11"	7' - 0"	11	D	ALUM/ARP-2	---		5	ALUM	---	BARN DOOR
1307A	ADMIT'G	1307		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1308	ADMIT'G	1308		3' - 10"	7' - 0"	11	D	ALUM/ARP-2	---		5	ALUM	---	BARN DOOR
1308A	ADMIT'G	1308		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1309	MGR OFF	1309		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1310	PCP TESTING ROOM	1310		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1311	CORRIDOR	1300C		3' - 0"	7' - 0"	10	B	WD	S-1		1	HM	P-2D	
1311A	MAIL ROOM	1311		3' - 0"	7' - 0"	10	A	WD	S-1		1	HM	P-2D	
1312	DIET OFFICE	1312		3' - 0"	7' - 0"	14	A	WD	S-1		1	HM	P-2D	
1313	SHARED LOCKERS	1313		3' - 0"	7' - 0"	15	A	WD	S-1		1	HM	P-2D	
1315	WAITING	1315		3' - 6"	7' - 10"	5	E	ALUM	---		W3	ALUM	---	
1315A	WAITING	1315		3' - 6"	7' - 0"	16	A	WD	S-1		1	HM	P-2D	
1317	WORK ROOM	1317		3' - 0"	7' - 0"	17	A	WD	S-1		1	HM	P-2D	
1319	TREAT	1319		3' - 0"	7' - 0"	18	A	WD	S-1		1	HM	P-2D	
1321	TREAT	1321		3' - 0"	7' - 0"	18	A	WD	S-1		1	HM	P-2D	
1322	TREAT	1322		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1323	TREAT	1323		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1324	SPEECH	1324		3' - 6"	7' - 0"	18	A	WD	S-1		1	HM	P-2D	
1326	TREAT	1326		3' - 6"	7' - 0"	18	A	WD	S-1		1	HM	P-2D	
1327	PT MNGR	1327		3' - 0"	7' - 0"	18	A	WD	S-1		1	HM	P-2D	
1328	TREAT	1328		3' - 6"	7' - 0"	18	A	WD	S-1		1	HM	P-2D	
1329	LARGE PEDS GYM	1329		3' - 6"	7' - 0"	19	A	WD	S-1		1	HM	P-2D	
1330	WORKRM	1330		3' - 6"	7' - 0"	20	A	WD	S-1		1	HM	P-2D	
1331	SMALL PEDS GYM	1331		3' - 6"	7' - 0"	19	A	WD	S-1		1	HM	P-2D	
1331A	SMALL PEDS GYM	1331		3' - 0"	7' - 0"	21	A	WD	S-1		1	HM	P-2D	
1332	THERAPIST WORK AREA	1332		3' - 6"	7' - 0"	19	A	WD	S-1		1	HM	P-2D	
1333	TLT/SHWR	1333		3' - 6"	7' - 0"	22	A	FIBERGLAS S	--		7	FIBERGLA SS	--	
1334	TLT/SHWR	1334		3' - 6"	7' - 0"	23	A	FIBERGLAS S	--		7	FIBERGLA SS	--	
1335	PIT ACCESS	1335		2' - 8"	7' - 0"	24	A	FIBERGLAS S	--		7	FIBERGLA SS	--	
1336	THERAPY POOL	1336		3' - 6"	7' - 0"	25	A	FIBERGLAS S	--		7	FIBERGLA SS	--	
1337	CORR	1337		3' - 6"	7' - 0"	68	A	WD	S-1		1	HM	P-2D	
1338	ADL TLT	1338		3' - 0"	7' - 0"	26	A	WD	S-1		1	HM	P-2D	
1339	ADL KITCHEN	1339		3' - 6"	7' - 0"	27	A	WD	S-1		1	HM	P-2D	
1340	PT STORAGE	1340		3' - 6"	7' - 0"	28	A	WD	S-1		1	HM	P-2D	
1343	WAITING	1343		3' - 10"	7' - 0"	29	C	WD	S-1		4	HM	P-2D	MAG HOLD
1343A	WAITING	1343		3' - 8"	7' - 0"	30	C	WD	S-1		1	HM	P-2D	FROSTED GLASS / AUTO OPERATOR
1343B	WAITING	1343		3' - 6"	7' - 0"	30	A	WD	S-1		1	HM	P-2D	FROSTED GLASS / AUTO OPERATOR
1344	RECEPT/ SCHEDULING	1344		3' - 0"	7' - 0"	18	A	WD	S-1		1	HM	P-2D	
1345	ELEC	1345		3' - 0"	7' - 0"	31	A	WD	S-1		1	HM	P-2D	
1347	BARIATRIC EXAM	1347		3' - 8"	7' - 0"	32	A	WD	S-1		1	HM	P-2D	
1348	BARIATRIC EXAM	1348		3' - 8"	7' - 0"	32	A	WD	S-1		1	HM	P-2D	
1349	BARIATRIC EXAM	1349		3' - 8"	7' - 0"	32	A	WD	S-1		1	HM	P-2D	
1351	LINEN	1351	X	5' - 4"	7' - 0"	33	A	WD	S-1		1	HM	P-2D	
1352	CORR	1352		3' - 8"	7' - 0"	34	B	WD	S-1	90 MIN	4	HM	P-2D	OPERATOR PANEL INSIDE ONLY
1353	BARIATRIC EXAM	1353		3' - 8"	7' - 0"	32	A	WD	S-1		1	HM	P-2D	
1353A	CLOS	1353A		3' - 0"	7' - 0"	35	A	WD	S-1		1	HM	P-2D	
1355	WORK ROOM	1355		3' - 0"	7' - 0"	36	A	WD	S-1	45 MIN	1	HM	P-2D	
1356	TLT	1356		3' - 8"	7' - 0"	37	A	WD	S-1		1	HM	P-2D	
1358	MD OFF	1358		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1360	EVS	1360		3' - 0"	7' - 0"	38	A	WD	S-1	45 MIN	1	HM	P-2D	
1362	TLT	1362		3' - 0"	7' - 0"	39	A	WD	S-1		1	HM	P-2D	
1363	CL	1363		3' - 0"	7' - 0"	36	A	WD	S-1	45 MIN	1	HM	P-2D	
1364	MANAGER'S OFF	1364		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1365	EDUCATION	1365		3' - 0"	7' - 0"	18	A	WD	S-1		1	HM	P-2D	
1366	MD OFF	1366		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1367	CAST	1367		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1368	EXAM	1368		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1370	EXAM	1370		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1371	EXAM	1371		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1372	EXAM	1372		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1373	EXAM	1373		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1374	STF TLT	1374		3' - 0"	7' - 0"	41	A	WD	S-1		1	HM	P-2D	
1375	MD OFF	1375		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1376	CLEAN/MEDS	1376		3' - 0"	7' - 0"	15	A	WD	S-1		1	HM	P-2D	
1378	MD OFF	1378		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1379	MD OFF	1379		3' - 0"	7' - 0"	12	A	WD	S-1		1	HM	P-2D	
1381	EXAM	1381		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1382	EXAM	1382		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1383	EXAM	1383		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1384	EXAM	1384		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1386	PROCEDURE	1386		3' - 6"	7' - 0"	32	A	WD	S-1		1	HM	P-2D	
1386A	PROCEDURE	1386		3' - 0"	7' - 0"	36	A	WD	S-1	45 MIN	1	HM	P-2D	
1387	TLT	1387		3' - 0"	7' - 0"	39	A	WD	S-1		1	HM	P-2D	
1388	EXAM	1388		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1389	ELEC	1389		3' - 0"	7' - 0"	42	A	WD	S-1	90 MIN	1	HM	P-2D	
1390	BRK DN	1390		3' - 6"	7' - 0"	15	A	WD	S-1	90 MIN	1	HM	P-2D	
1390A	BRK DN	1390		3' - 6"	7' - 0"	10	A	WD	S-1	45 MIN	1	HM	P-2D	
1391	TERM STERILIZER	1391		2' - 0"	7' - 0"	43	A	WD	S-1	45 MIN	1	HM	P-2D	
1391A	TERM STERILIZER	1391		3' - 6"	7' - 0"	9	A	WD	S-1	90 MIN	1	HM	P-2D	
1392	OFFICE	1392		3' - 0"	7' - 0"	44	A	WD	S-1	90 MIN	1	HM	P-2D	
1392A	OFFICE	1392		3' - 0"	7' - 0"	36	A	WD	S-1	45 MIN	1	HM	P-2D	LOCK
1393	VENDOR	1393		3' - 0"	7' - 0"	10	A	WD	S-1	90 MIN	1	HM	P-2D	LOCK
1393A	VENDOR	1393		3' - 0"	7' - 0"	10	A	WD	S-1	90 MIN	1	HM	P-2D	LOCK
1394	TRASH	1394		3' - 8"	7' - 0"	45	A	WD	S-1	90 MIN	1	HM	P-2D	DELAYED ACTION CLOSER (2)
1395	DATA/COMP	1395		3' - 0"	7' - 0"	69	A	WD	S-1	90 MIN	1	HM	P-2D	
1396	VEST	1396		3' - 0"	7' - 0"	15	A	WD	S-1	90 MIN	1	HM	P-2D	
1397	VEST	1397		3' - 0"	7' - 0"	15	A	WD	S-1	90 MIN	1	HM	P-2D	
1398	WAITING	1398		4' - 0"	7' - 0"	46	A	WD	S-1	SMOKE	1	HM	P-2D	LOCK
1398A	WAITING	1398		4' - 0"	7' - 0"	30	A	WD	S-1		1	HM	P-2D	AUTO OPERATOR
1399	CHAPEL	1399		3' - 0"	7' - 0"	13	A	WD	S-1	SMOKE	1	HM	P-2D	
1400	CORRIDOR	1400	X	7' - 8"	7' - 0"	47	B	WD	S-1		1	HM	P-2D	
1400A	CLOSET	1400A		3' - 0"	7' - 0"	48	A	WD	S-1		1	HM	P-2D	
1401	CONSULT	1401		3' - 6"	7' - 0"	40	A	WD	S-1		1	HM	P-2D	
1403	SAME DAY 1	1403		4' - 0"	7' - 0"	40	D	WD	S-1		1	HM	P-2D	
1404	SAME DAY 2	1404		8' - 0"	7' - 8"	6	F	ALUM	---		---	ALUM	---	BREAK AWAY SLIDER
1405	SAME DAY 3	1405		8' - 0"	7' - 8"	6	F	ALUM	---		---	ALUM	---	BREAK AWAY SLIDER
1406	TLT	1406		3' - 0"	7' - 0"	49	A	WD	S-1		1	HM	P-2D	RESCUE HARDWARE
1406A	TLT	1406		3' - 0"	7' - 0"	49	A	WD	S-1		1	HM	P-2D	RESCUE HARDWARE
1407	SAME DAY 4	1407		8' - 0"	7' - 8"	6	F	ALUM	---		---	ALUM	---	BREAK AWAY SLIDER
1408A	VEST	1408		4' - 0"	7' - 0"	73	E	ALUM	---		W28	ALUM	---	
1408B	VEST	1408		4' - 0"	7' - 0"	2	E	ALUM	---		W7	ALUM	---	
1410	CORRIDOR	1409		8' - 0"	7' - 8"	6	F	ALUM	---		---	ALUM	---	BREAK AWAY SLIDER



Rev	Date	Description
1	02/25/2014	Addm No.1

Stamp:



Drawn By: Author
Project Manager: Approver

Project Number:
24902

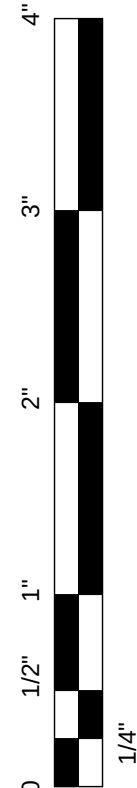
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Sheet Title:
WALL TYPES,
DOOR & FRAME
DETAILS

Sheet Number:

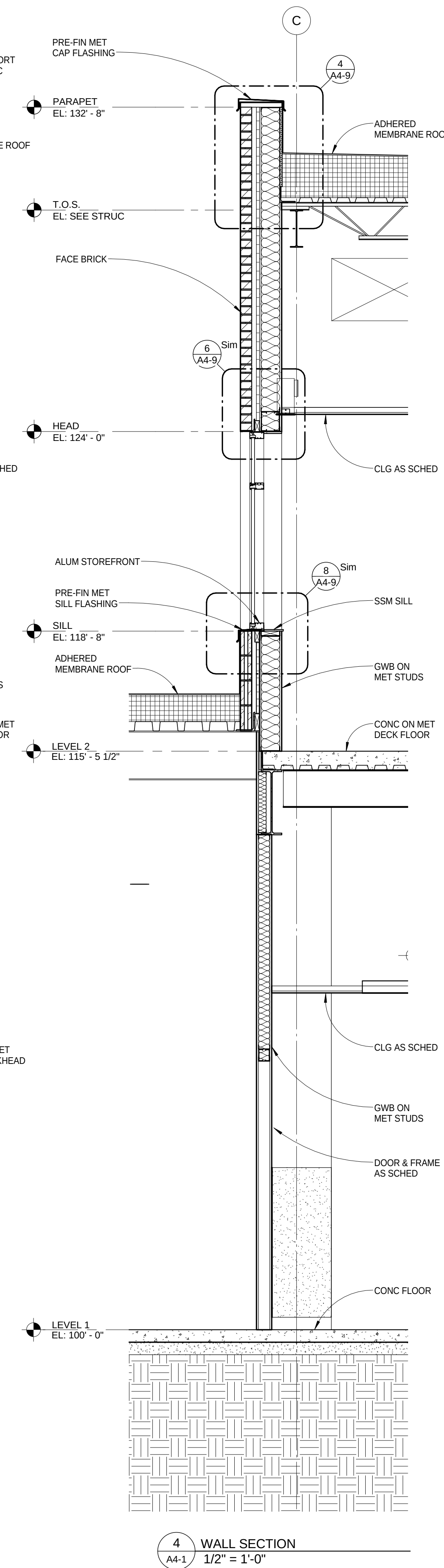
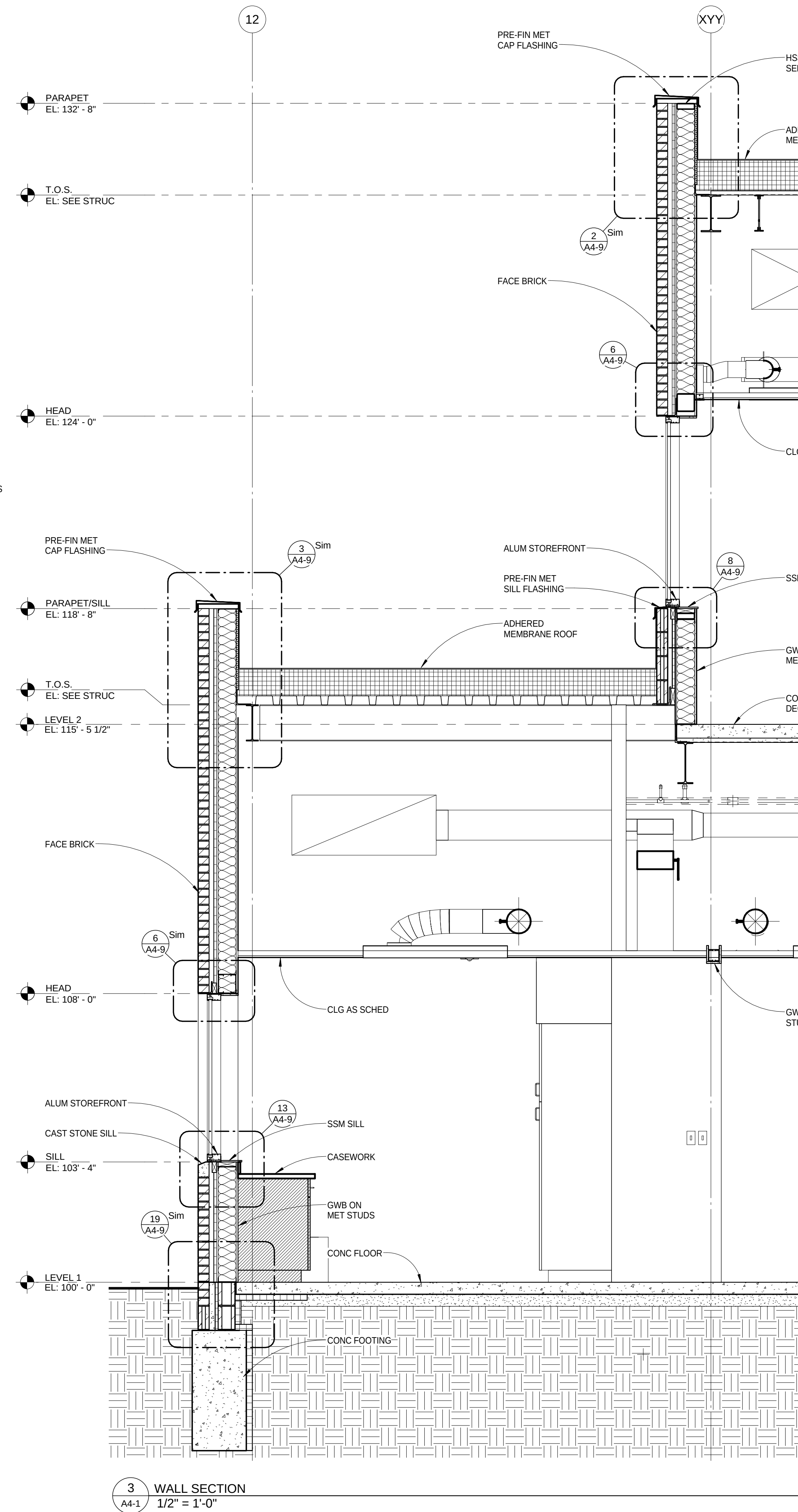
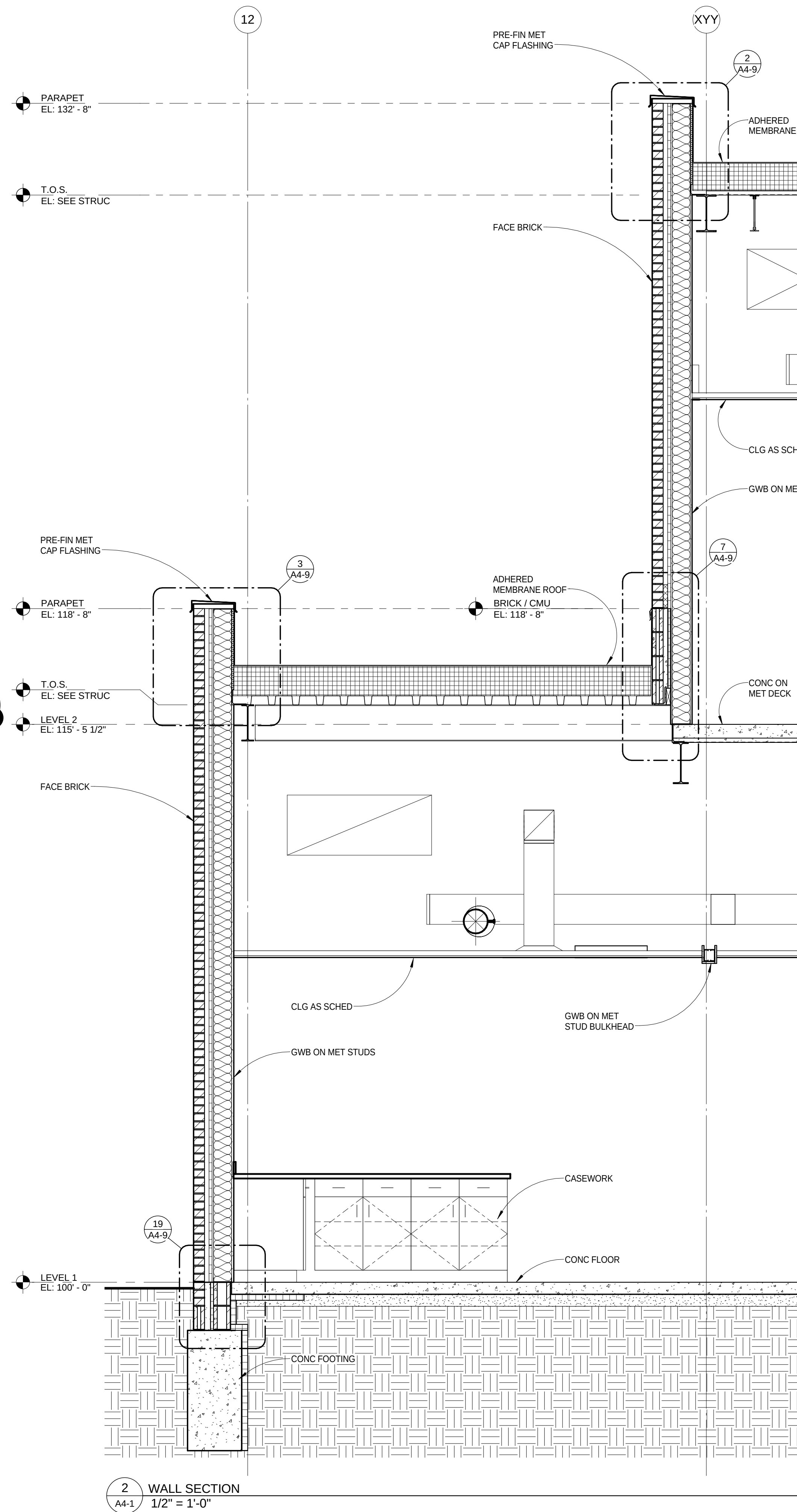
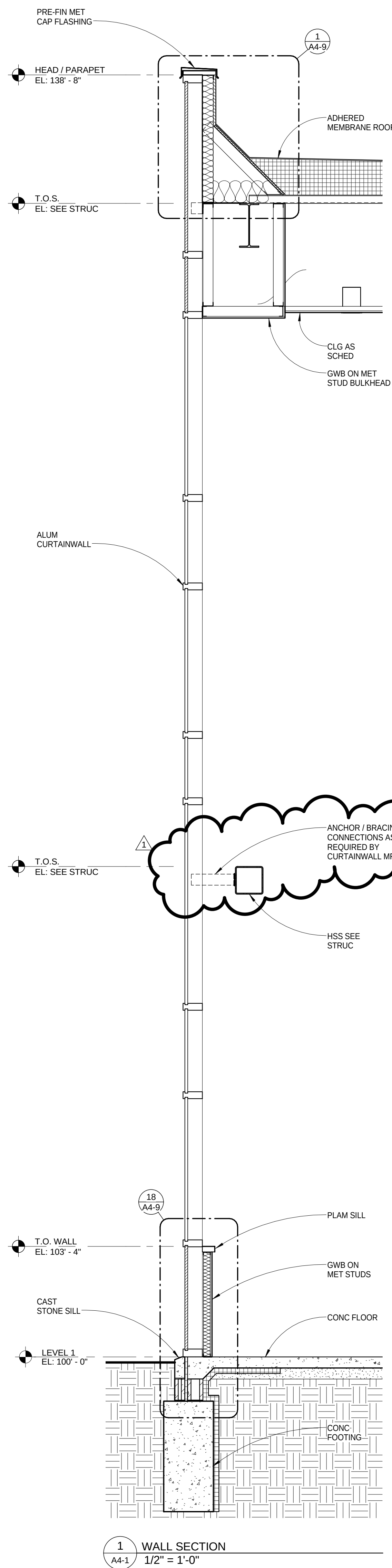
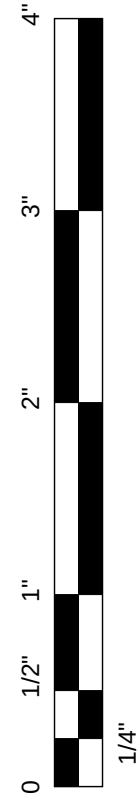
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COLOR AND MATERIAL SCHEDULE						
NOTES:						
	1. SUBMIT SAMPLES OF STAIN AND PAINT COLORS ON 6"X 12" HARDBOARD					
	2. ALL ITEMS NOT CALLED OUT SHOULD BE FINISHED TO MATCH THE ADJACENT SURFACE					
	3. BULKHEADS/ SOFFITS TO BE FINISHED TO MATCH ADJACENT PAINTED WALL SURFACE UNLESS OTHERWISE NOTED ON THE ELEV.					
	4. PAINT ALL MISCELLANEOUS EXPOSED METAL TO MATCH ADJACENT SURFACE.					
	5. WHERE FLOORING MATERIALS OF DIFFERENT HEIGHTS MEET FEATHER THE TRANSITION.					
	6. USE MANUFACTURE SPECIFIED HEAT WELDING RODS ON ALL SHEET VINYL SEAMS.					
	7. ALL HANDRAILS, EXPOSED METAL STAIR STRINGERS, AND ALL OTHER EXPOSED, PRIMED METAL TO BE PAINTED TO MATCH DOOR FRAME COLOR UNLESS OTHERWISE NOTED.					
	8. INSTALLATION: ALL GROUT JOINTS TO BE 3/32".					
REV.	CODE	MANUFACTURER	MODEL/ PATTERN	COLOR	SIZE	NOTES
WOOD SOLID AND VENEER 062000 (WD):						
WD-1	---		PLAIN SLICED CHERRY	CLEAR NATURAL - NO STAIN	BOOK MATCH	
ARCHITECTURE RESIN PANELS 066001 (ARP):						
ARP-1	NOT USED					
ARP-2	3-FORM			THICKET	3/8"	ADMIN DOORS
	NOTE: FRONT/BACK FINISH: SANDSTONE					
ARP-3	3-FORM			FAIRY TALE		
	NOTE: FRONT/BACK FINISH: SANDSTONE					
					3/8"	
ARCHITECTURAL GLASS 088000 (ADG):						
ADG-1	NOT USED	---		---		
ADG-2	JOEL BERMAN	KILN FORMED GLASS		ESKA		
	NOTE: PANELS ARE TO BE TEMPERED AND SIZED TO THE DIMENSIONS INDICATED ON DRAWINGS.					
ADG-3	3/8" TEMPERED GLASS	BACK PAINTED WHITE				
ADG-4	SOYLX	FROSTED FALL SX-1549		VINYL FILM		
	NOTE: VINYL FILM TO BE APPLIED OVER 3/8" TEMPERED GLASS.					
CERAMIC TILE 093000 (CT):						
CT-1	PANARIA CERAMICA	MODS		MAYFAIR NATURALE	6" X 24"	
	GROUT G-1: TRU COLOR BY BOSTIK H185 IVORY PALACE					
CT-2	PANARIA CERAMICA	MODS BLADES		MAYFAIR LAPPATO	12" X 12" MESH MNT	
	GROUT G-1: TRU COLOR BY BOSTIK H185 IVORY PALACE					
CT-2A	FLORIDA TILE	CRAFTSMEN		WHEAT	2" X 2"	
	GROUT G-1: TRU COLOR BY BOSTIK H185 IVORY PALACE					
CT-3	WALKER ZANGER CHELSEA ART GLASS	RHYTHM FIELD TILE		SAND	12" X 12" MESH MNT	
	NOTE: ACCENT BAND TO BE 3" HIGH OR 7 ROWS					
	GROUT G-1: TRU COLOR BY BOSTIK H185 IVORY PALACE					
CT-4 - CT-9	NOT USED					
CT-10	AMERICAN OLEAN	UNGLAZED COLOR BODY PORCELAIN		A78 CAPPUCCINO	1" X 1" MOSAIC	STAFF TLT FLOORS
	GROUT G-2: TRU COLOR BY BOSTIK H153 ALMOND					
CT-11	AMERICAN OLEAN	CEREMIC BRIGHTS		009 MT CAPPUCCINO	4 1/4" X 4 1/4"	STAFF TLT WALLS
	GROUT G-2: TRU COLOR BY BOSTIK H153 ALMOND					
CT-12	PANARIA CERAMICA	MODS		MAYFAIR NATURALE	12" X 24"	LOBBY
	GROUT G-1: TRU COLOR BY BOSTIK H185 IVORY PALACE					
CT-13	PANARIA CERAMICA	MODS		MAYFAIR NATURALE	24" X 24"	LOBBY
	GROUT G-1: TRU COLOR BY BOSTIK H185 IVORY PALACE					
CT-14	FLORIM USA	FOREST		1095121 LIANA	6" X 24"	POOL WOOD PLANK
	GROUT G-3: LATICRETE - 24 NATURAL GREY					
CT-15	NOT USED					
CT-16	RBC TILE & STONE	BACK BAY		HAMPTON DUNES	---	
	GROUT G-1: TRU COLOR BY BOSTIK H185 IVORY PALACE					
CT-17	KATE LO	KOSHI		36 B	12" X 24"	
	GROUT G-4: QUARTZ LOCK2 URETHANE GROUT - 210 CREAM CREME					
	NOTE: PROVIDE 4 1/4" X 4 1/4" MATCHING COVE BASE.					
CTB-1	PANARIA CERAMICA	MODS		MAYFAIR NATURALE	6" X 24" W/ CAP #2	
	GROUT G-1: TRU COLOR BY BOSTIK H185 IVORY PALACE					
QUARRY TILE 093000 (QT):						
QT-1A	SUMMITVILLE	QUARRY TILE		44 OXFORD GRAY	6" X 6"	
	GROUT G-3: LATICRETE - 24 NATURAL GREY					
QTB-1A	SUMMITVILLE	QUARRY TILE - Q3565		44 OXFORD GRAY	5" X 6" X 1/2"	
	GROUT: LATICRETE - 24 NATURAL GREY					
	NOTE G-3: PROVIDE MANUFACTURERS INSIDE AND OUTSIDE CORNERS AS REQUIRED.					
ACOUSTICAL TILE CEILING 095100 (ATC):						
ATC-1	ARMSTRONG	#1912 ULTIMA TEGULAR		WHITE	24" X 24" X 3/4"	
	GRID: SUPRAFINE XL 9/16" WHITE					
ATC-2	ARMSTRONG	#868 CLEAN ROOM VL		WHITE	24" X 24" 5/8"	UNPERFORATED SQUARE (FIRE RESISTANT)
	GRID: 15/16" PERLUDE XL FIRE GUARD, WHITE					
ATC-3	ARMSTRONG	TECH ZONE OPTIMA #3256		WHITE	48" x 48"	---
	GRID: SUPRAFINE XL 9/16" WHITE					
ATC-4	ARMSTRONG	TECH ZONE OPTIMA #1403		WHITE	6" X 48"	
	GRID: SUPRAFINE XL 9/16" WHITE					
ATC-5	ARMSTRONG	WOODWORKS TEGULAR 5406 NL CW1		NATURAL VARIATIONS - LIGHT CHERRY	24" X 24" 3/4"	
	GRID: SUPRAFINE XL 9/16" GUN METAL GREY (MY)					
	PERIMETER TRIM: 4" WOODWORKS TRIM #5419WJNL C, 4"X96"X3/4", MITRED CORNERS					
SHEET VINYL FLOORING 096500 (SVF):						
SVF-1	TEKNOFLOR	TIMERSCAPES		51025 BEECH	5'11" X 75' ROLLS	
SVF-2A	MANNINGTON	BIOSPEC MD		15361 FLAX	6" WIDE	
SVF-3	NOT USED					
SVF-4	NOT USED					
SVF-5	TEKNOFLOR	TIMERSCAPES		51024 POPLAR	5'11" X 75' ROLLS	
	NOTE: ALL SVF TO HAVE HEATWELDED SEAMS.					
SVF-6	TEKNOFLOR	TIMERSCAPES		53907 CHESTNUT OAK	5'11" X 75' ROLLS	
BASE 066500 (RB):						
RB-1	NOT USED					
RB-2	JOHNSONITE	TIGHT LOCK BASE TCB		66 EITHER ORE		CORRIDORS
RB-3	JOHNSONITE	TIGHT LOCK BASE TCBR		129 SILK		LAB AND ED
RUBBER FLOORING 096500 (RF):						
RF-1	NORAPLAN	SENTICA		CASHMERE	3.0 MM	
RF-2	NORAPLAN	ENVIRONCARE		DRIFTWOOD	3.0 MM	
	NOTE: HEATWELD SEAMS, INTEGRAL COVE BASE.					
TRANSITION STRIPS 096500 (TS):						
TS-1	SCHLUTER	SCHIENE-AE		SATIN ANODIZED ALUMINUM		@ CT
CARPET 096800 (CPT):						
CPT-1	CONSTANTINE	DUSK II		C405K77	BROADLOOM 12' W	
CPT-1A	CONSTANTINE	DUSK II		C405K77	BROADLOOM 12' W	EPA 3- CUSHION BACK
	NOTE: BUILD UP CPT-1A WITH CONTRACTORS FELT AT ACCENT COLOR CUT-INS.					
CPT-2	CONSTANTINE	CIRCUIT II		C410K77	BROADLOOM 12' W	
CPT-3	CONSTANTINE	BAMBOO II		C4120K77	BROADLOOM 12' W	
	NOTE: THIS WILL BE THE FINAL PRODUCTION RUN OF THIS CARPET. ALL PHASES TO BE ORDERED AT ONE TIME. COORDINATE WITH OWNER FOR ANY ADDITIONAL AREAS OUTSIDE THE SCOPE OF THIS PROJECT.					
CPT-4-10	NOT USED					
CARPET 096813 (CPT):						
CPT-11	SHAW	5T034 PATH		34740 SUEDE	24" X 24" TILE	MONOLITHIC
CPT-12	MILLIKEN	IN COLOR P16877		128 CARIBBEAN	50 CM X 50 CM TILE	MONOLITHIC
CPT-13	MILLIKEN	IN COLOR P16877		135 BLUE JAY	50 CM X 50 CM TILE	MONOLITHIC
CPT-14	MILLIKEN	IN COLOR P16877		103 MARIGOLD	50 CM X 50 CM TILE	MONOLITHIC
CPT-15	MILLIKEN	IN COLOR P16877		111 GINGKO LEAF	50 CM X 50 CM TILE	MONOLITHIC
WALLCOVERING 097200 (WC):						
WC-1	COLOR AND DESIGN	OBANA		CD2-08A-11 PALE TAUPE #14-0648-01	52"X54" WIDE	CORRIDOR

REV.	CODE	MANUFACTURER	MODEL/ PATTERN	COLOR	SIZE	
PAINT 099000 (P):						
P-1	PPG		SW7004	MATCH SHERWIN WILLIAMS SNOWBOUND		CEILING
P-2	PPG		SW7526	MATCH SHERWIN WILLIAMS MAISON BLANCHE		WALL
P-3	PPG		SW6124	MATCH SHERWIN WILLIAMS CARDBOARD		ACCENT
P-4	NOT USED					
P-5	PPG		SW0038	MATCH SHERWIN WILLIAMS LIBRARY PEWTER		ACCENT
P-6	PPG		SW6123	MATCH SHERWIN WILLIAMS BAGUETTE		ACCENT
P-7	PPG		SW7733	MATCH SHERWIN WILLIAMS BAMBOO SHOOT		ACCENT
P-8	PPG		SW7621	MATCH SHERWIN WILLIAMS SILVERMIST		ACCENT
P-9	NOT USED					
P-10	PPG		SW7060	MATCH SHERWIN WILLIAMS ATTITUDE GRAY		BLUE ACCENT
P-11	NOT USED					
P-12	NOT USED					
P-13			MATCH EXTERIOR HOLLOW METAL DOORS IN BRICK CONSTRUCTION			
P-14			MATCH EXTERIOR METAL WALL PANELS			
P-15	PPG		90GG 21/219	MATH GLIDDEN #A1238 BATIK GREEN		ACCENT
P-16	PPG		50BB 10/276	MATH GLIDDEN #A1396 IMAGE BLUE		ACCENT
P-17	PPG		90YY 21/371	MATH GLIDDEN #A0972 GARNISH		PURPLE ACCENT
P-18	PPG		1252	MATH BENJAMIN MOORE MINK VIOLET		
P-19	MATCH EXISTING SOFFITS ON EAST SIDE OF HOSPITAL					
PAINT FINISH SCHEDULE: A= FLAT B= EGGSHELL C= SATIN D= SEMI-GLOSS E= EPOXY (SPECIFICATION SECTION 099600) F= DRY FALL						
ALL PAINT TO BE PITTSBURGH PAINT. PAINT TO MATCH COLORS CALLED OUT ABOVE						
CUBICLE CURTAINS 102123 (CC):						
CC-2	ARCHITEXT	RX 6006		OASIS	72" WIDE	PT
CC-7	MAHARAM	OH 511478		002 CONCH	72" WIDE	SURGERY
CC-8	MAHARAM	INCREMENT 511443		004 FRAME	72" WIDE	SPECIALTY CLINICS
FABRIC 102123 (F):						
F-1	MOMENTUM	EON		PATH	54" WIDE	
F-2	MOMENTUM	ECHO		09112486 BISQUE	54" WIDE	
CORNER GUARD 102601 (CG):						
CG-1	IN PRO CORP.	160F		ANTIQUE WHITE	90 DEGREE	FLUSH MTD 2" WINGS
CG-2	IN PRO CORP.	140D		ANTIQUE WHITE	ENDWALL	FLUSH MTD 2" WINGS
CG-3	IN PRO CORP.	130F		ANTIQUE WHITE	ENDWALL	FLUSH MTD 3" WINGS
CG-4	IN PRO CORP.	STAINLESS STEEL		NO. 4 STAIN		FLUSH MTD 2" WINGS
CG-5	IN PRO CORP.			ANTIQUE WHITE	180 DEGREE	FLUSH MTD 2" WINGS
FIBERGLASS REINFORCED PANELS 102601 (CG):						
FRP-1	MARLITE	SMOOTH TEXTURE		S 100 S/2S WHITE		
WALL PROTECTION 102601 (WP):						
WP-1	IN PRO CORP.	IPC ENVIROGT SHEET		0140 ANTIQUE WHITE	.060	
WP-2	IN PRO CORP.	BIOPRISM		P9001 ANTIQUE WHITE	1/4" THICK	
CHAIR RAIL 102601 (CHR):						
CHR-1	IN PRO	1500W SILHOUETTE WALL GUARD		HAZELWOOD 0536		
HANDRAILS 102601 (HR):						
HR-1	IN PRO	HANDRAIL 800		0140 ANTIQUE WHITE	---	
HR-2	IN PRO	HR9 / RC9SS / 910SS		HAZELWOOD 0536	---	
PLASTIC LAMINATES 064110 (PLAM):						
PLAM-1	LAMINART	3051-VT		NATURAL TEAK	VELVA-TEXTURED	CSWRK
	EDGE-BANDING:			DOELKEN WOODTAPE, COLOR: SOLAR OAK		
PLAM-2	WILSONART	4876-38		SHEER MESH		
	EDGE-BANDING:			DOELKEN WOODTAPE, COLOR: PUTTY 2466		
PLAM-3	FORMICA	858-58		PUMICE		
	EDGE-BANDING:			DOELKEN WOODTAPE, COLOR: PUTTY 2466		
PLAM-4	CHEMETAL	#264		PEWTER VINES		
SOLID SURFACE MATERIAL 064120 (SSM):						
SSM-1	FORMICA	BLANCO TERRAZZO				
SSM-2	CORIAN	RAFFIA				
SSM-3	NOT USED					
SSM-4	CORIAN	SERENE SAGE				
SSM-5	NOT USED					
SSM-6	CORIAN	RICE PAPER				
SSM-7	CORIAN	BONE		SILLGRADE		WINDOW SILLS
SSM-8	CORIAN	SILT				SURGERY
SOLID SURFACE SINKS 064120 (SK):						
SK-1	CORIAN	#804		BONE	SINGLE	
SK-2	CORIAN	#850		BONE	DOUBLE	
SK-3	CORIAN	#810		BONE	SIDE OVERFLOW (ADA)	
SK-4	CORIAN	#802		BONE	SMALL	
SK-5	FORMICA	#JL080		108 SAIL WHITE	SMALL REC. (ADA)	
SOLID SURFACE SHOWER BASIN 066600 (SSB):						
SSB-1	CORIAN	---		BONE	36" x 36" x 4"	POOL TLTS
SSB-2	CORIAN	---		BONE	30" x 60" x 4"	LOCKER RM TLTS
ENGINEERED STONE 064121 (STN):						
STN-1	ZODIAQ	TOASTED ALMOND				
STN-2	NOT USED					
STN-3	CAMBRIA	NEVHEAVEN				YSA- COSMETICS
STN-4	LG	VIATARA SANTIAGO				YSA- SURGICAL
TACKBOARD 064110 (TACK):						
TACK-1	FORBO	BULLETIN BOARD		2186		
ROLLER WINDOW SHADES 122490 (WB):						
WB-1	NOT USED	---		---		
WB-2	LUTRON BY VIMCO	MANUAL SINGLE SHADE		SHEERSHADE:THE CLASSICO COLLECTION, BASKETWEAVE 90, OYSTER SP13-90		
NOTE: OPENNESS FACTOR IS TO BE 5%.						



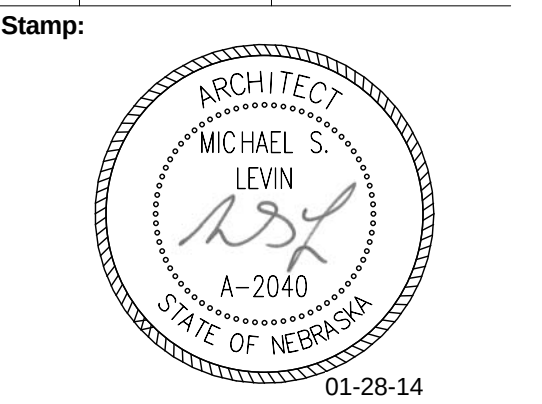
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YORK GENERAL HEALTH CARE SERVICES

Project Title: HOSPITAL ADDITION AND REMODEL

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Rev	Date	Description
1	02/25/2014	Addm No.1

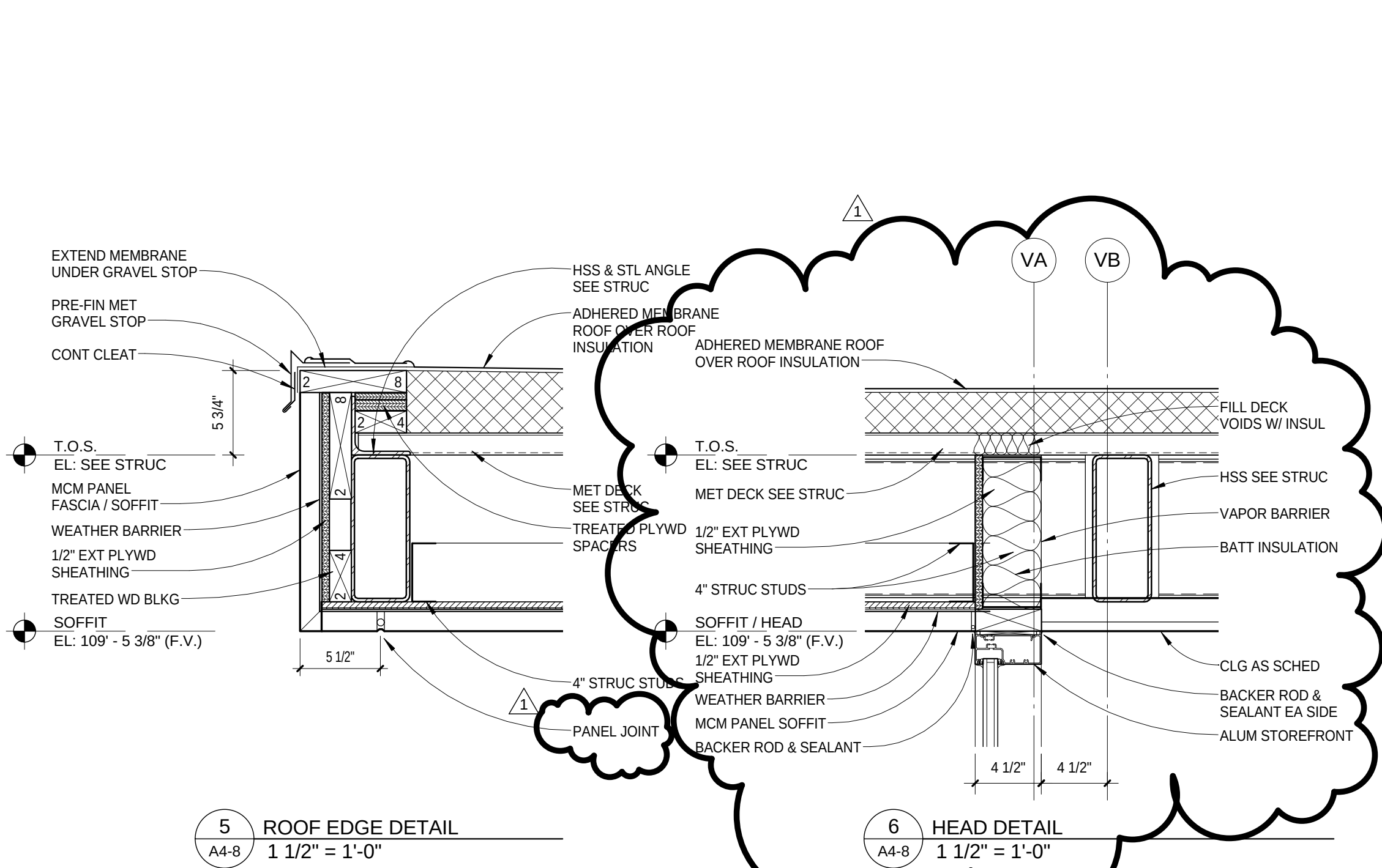
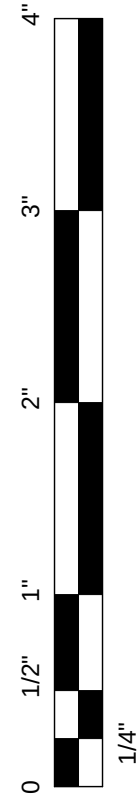


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DAS MSL

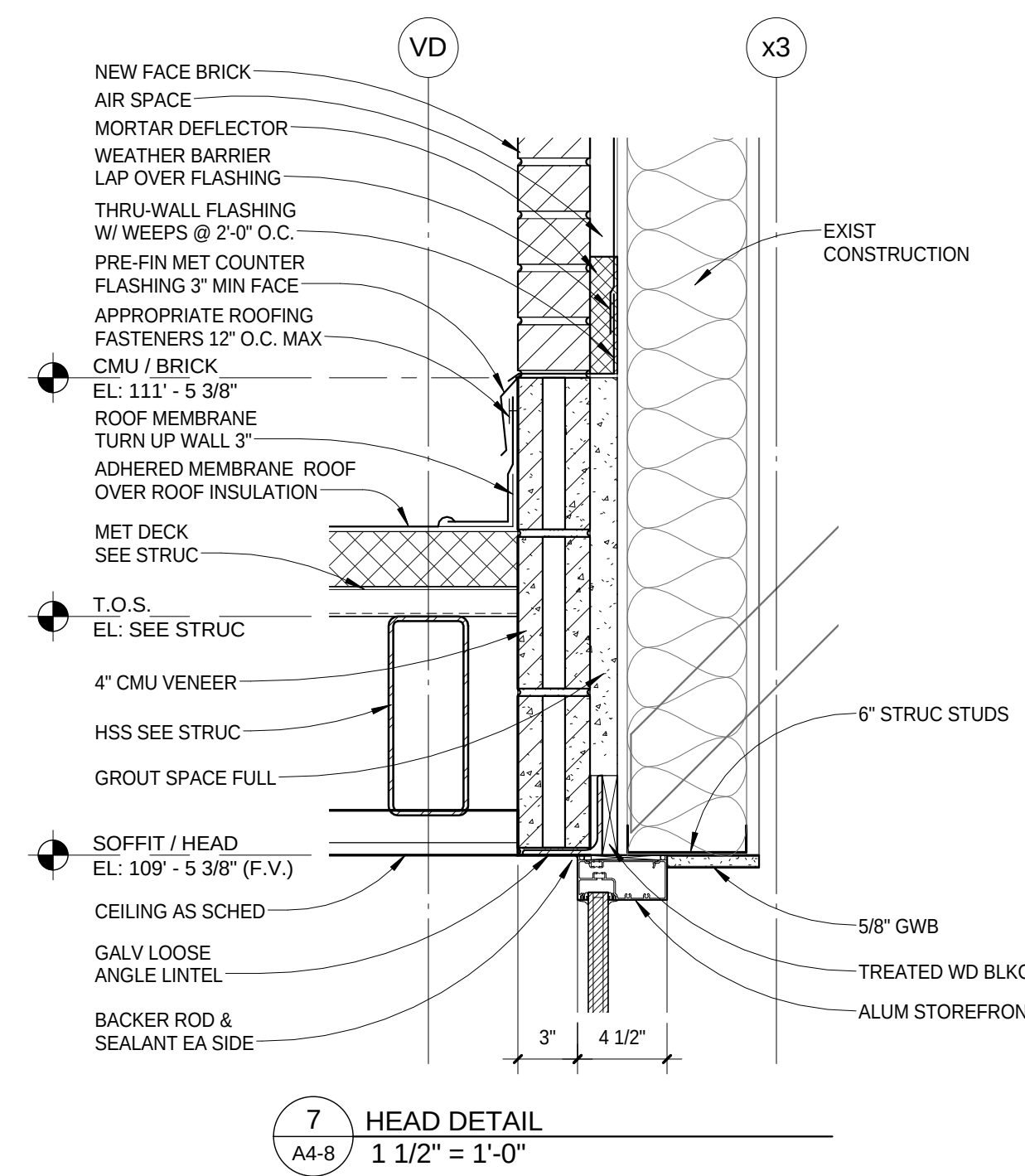
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24902
Date:
01/28/2014

Sheet Title:
**WALL
SECTIONS**

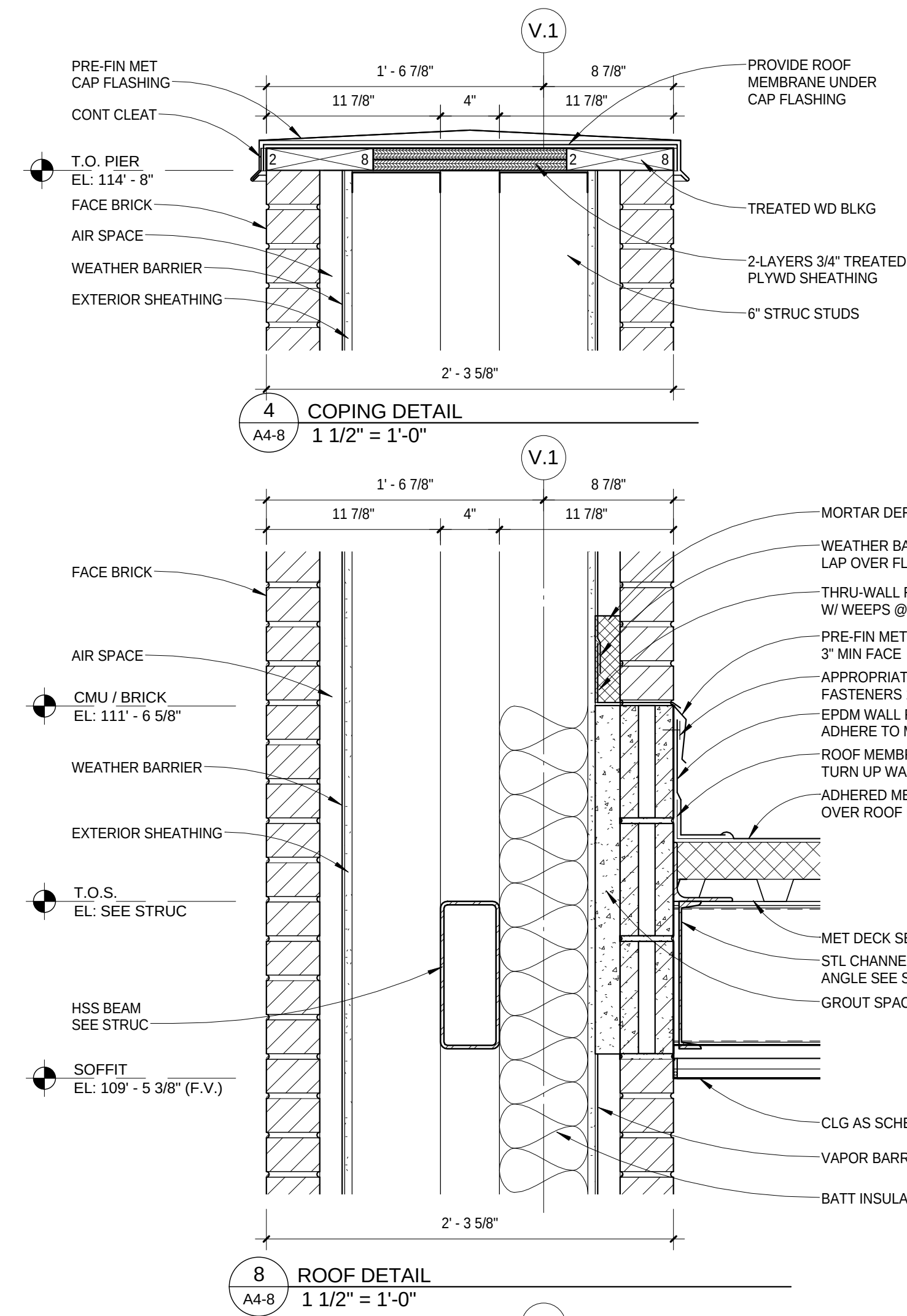
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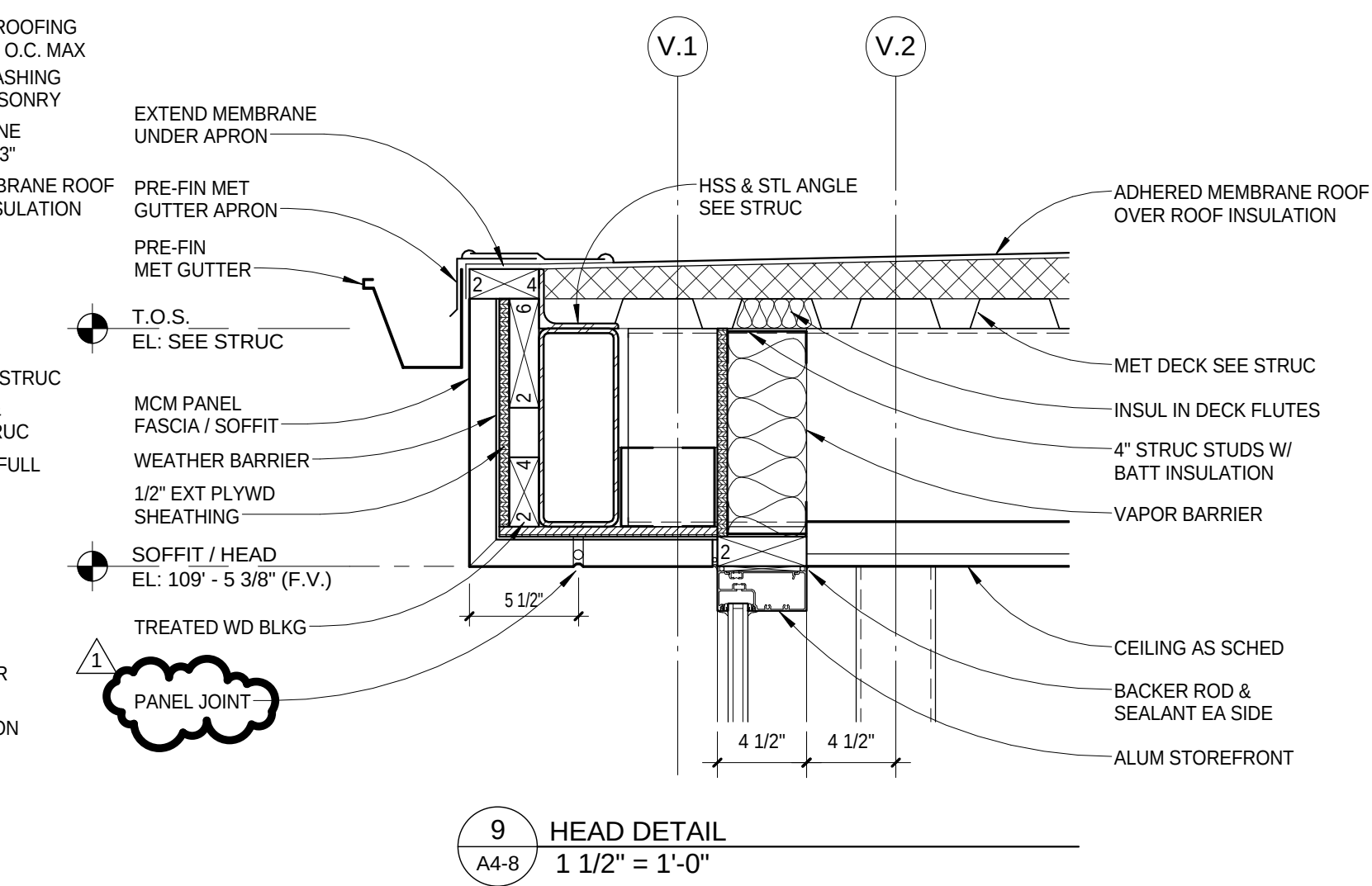
5 ROOF EDGE DETAIL
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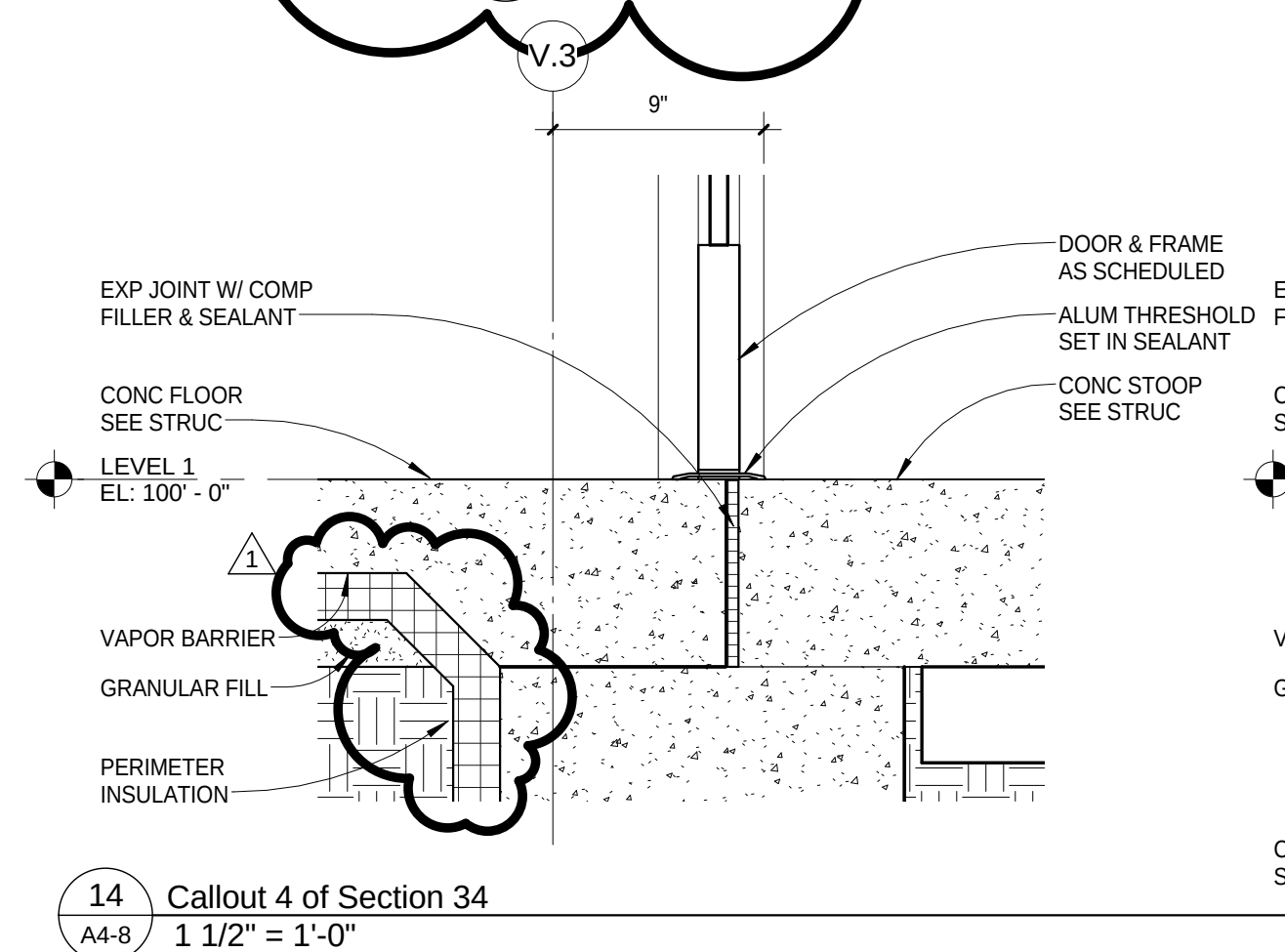
7 HEAD DETAIL
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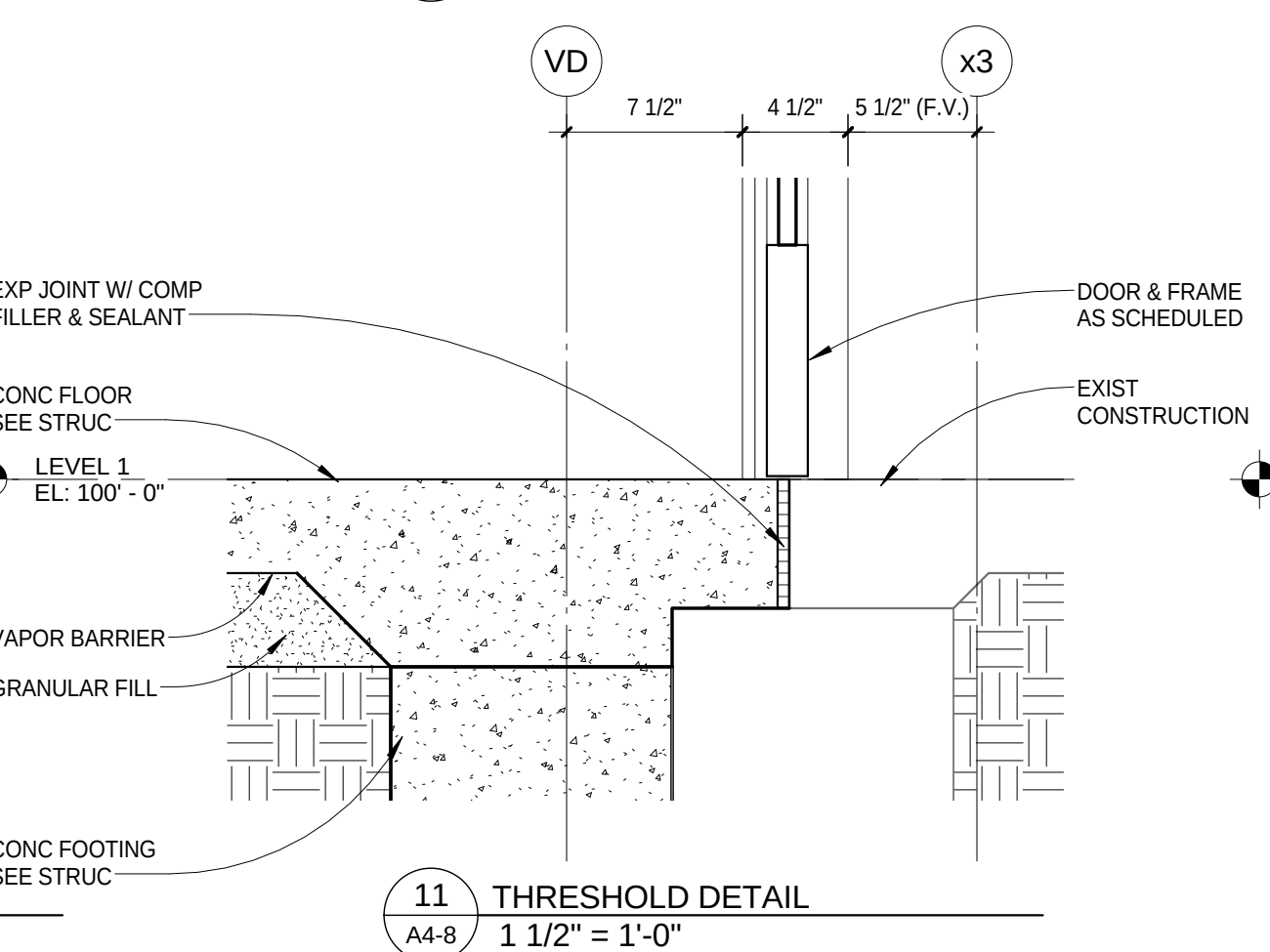
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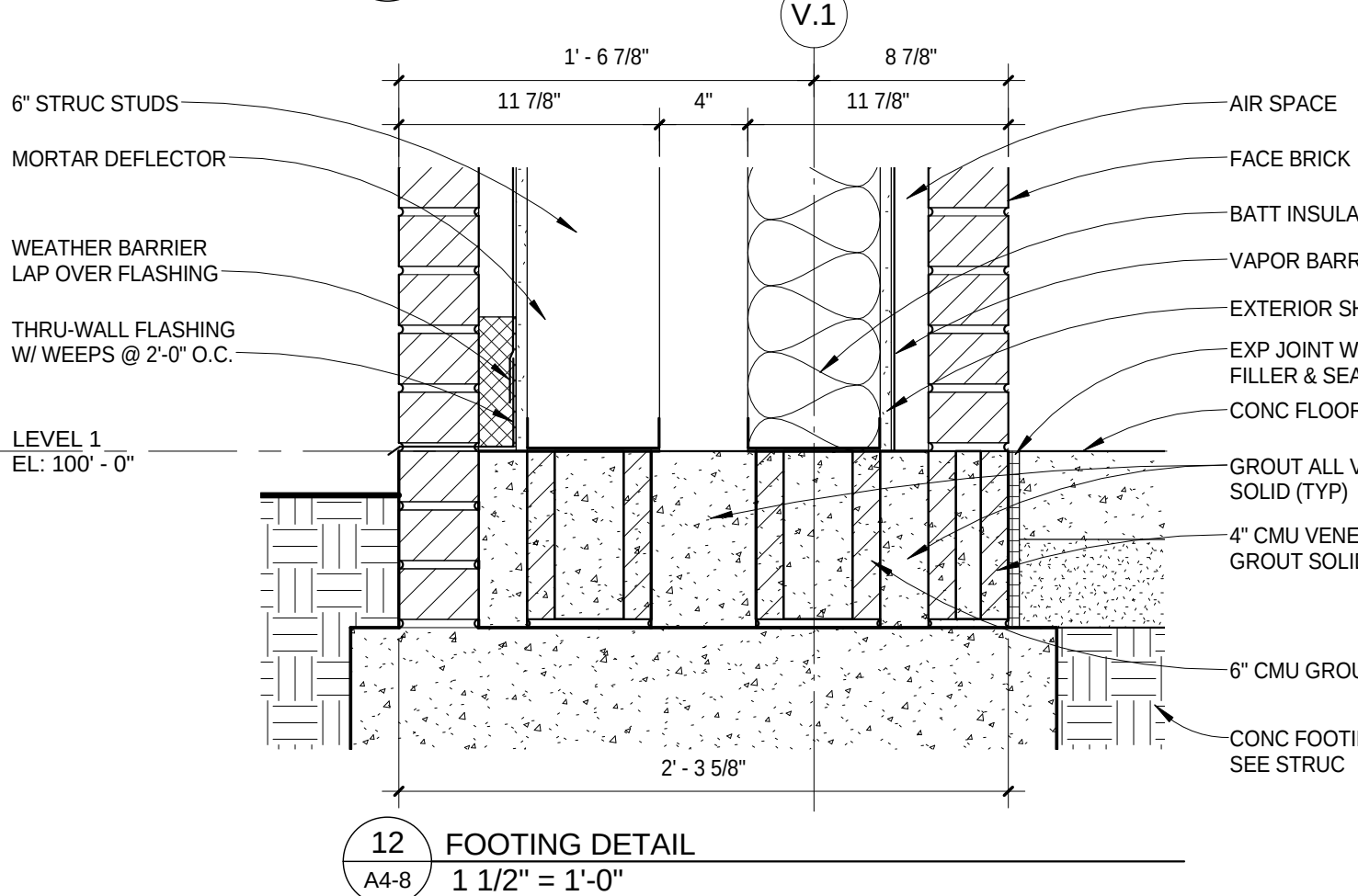
9 HEAD DETAIL
1 1/2" = 1'-0"



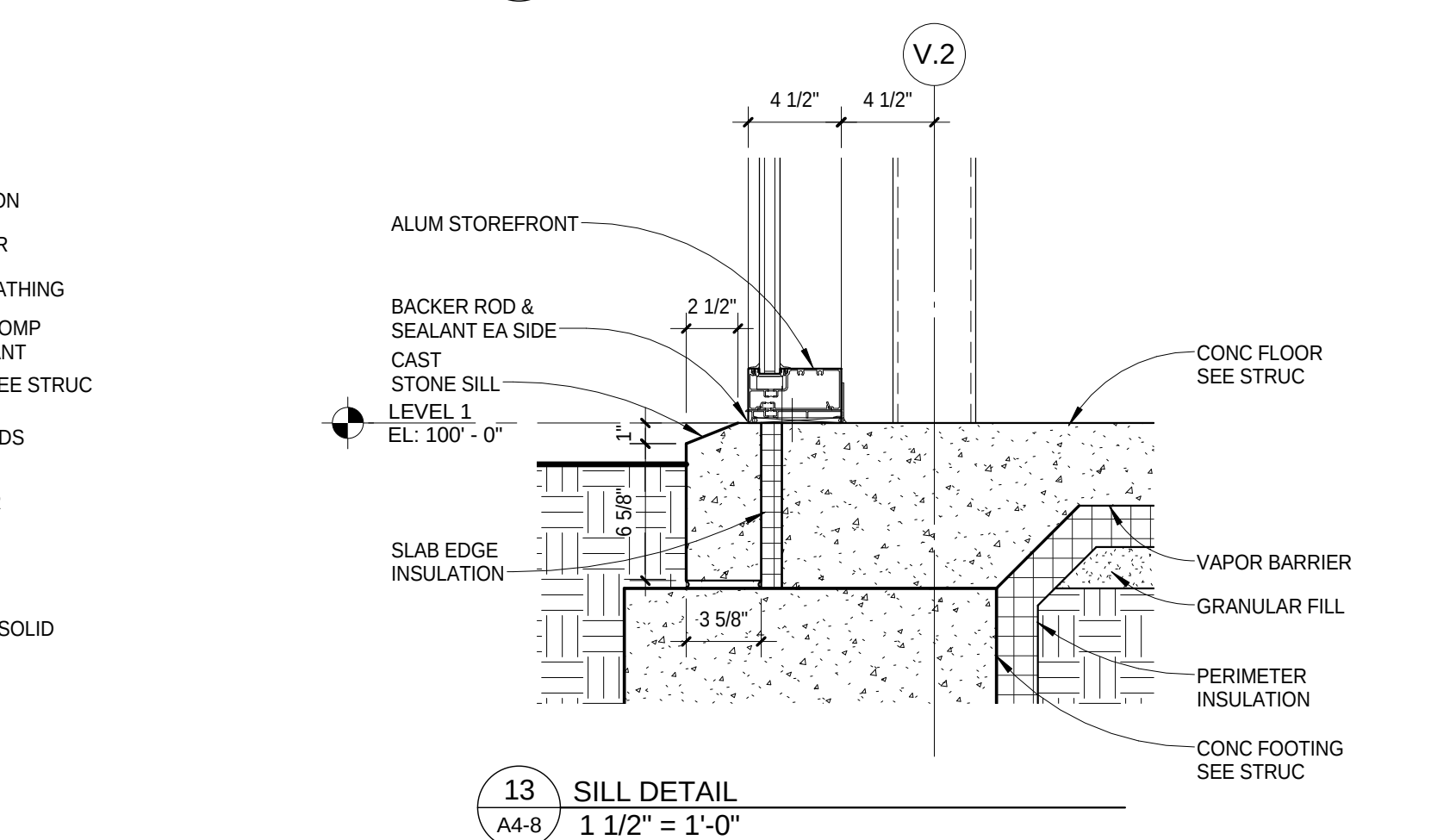
14 Callout 4 of Section 34
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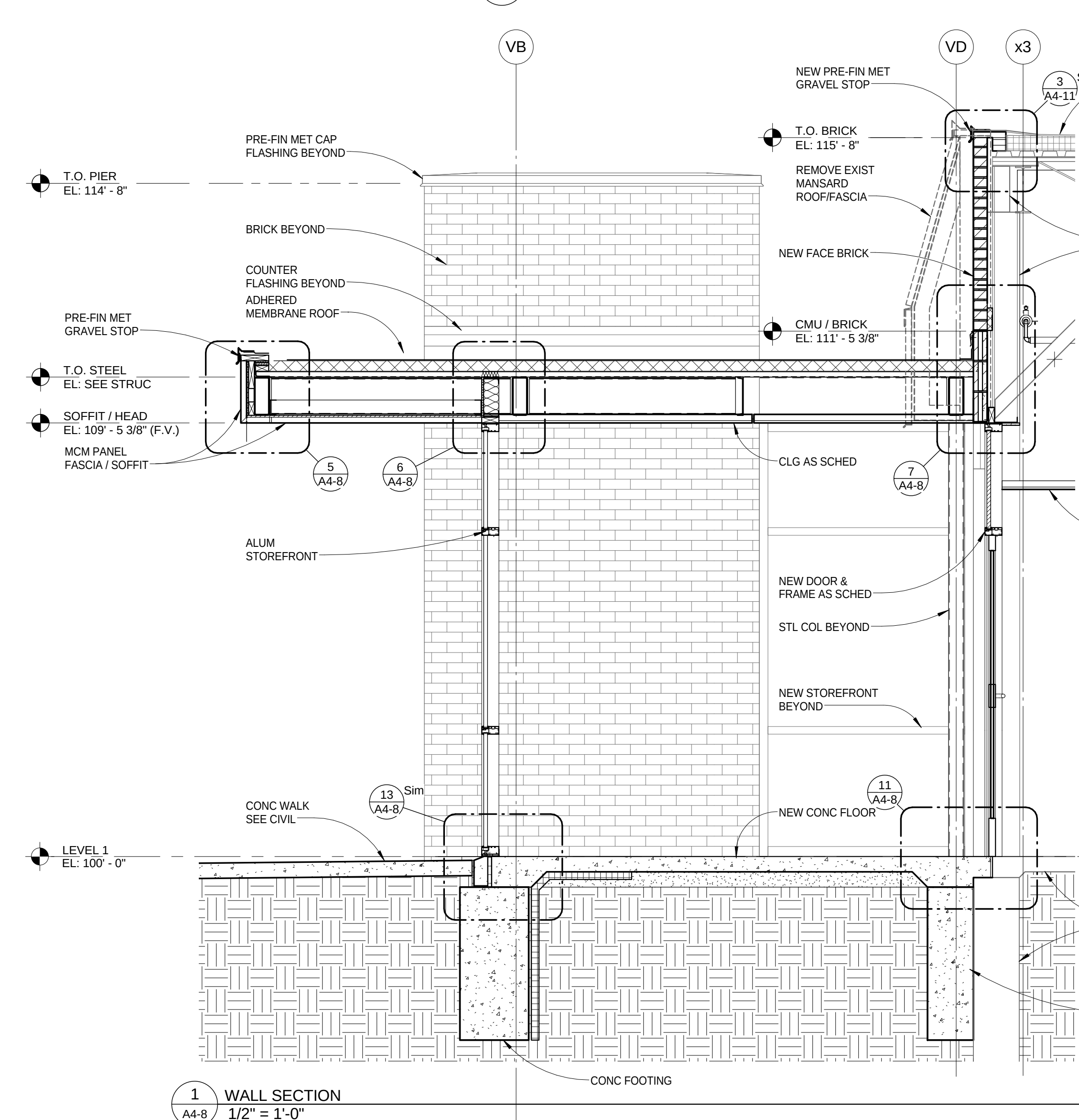
11 THRESHOLD DETAIL
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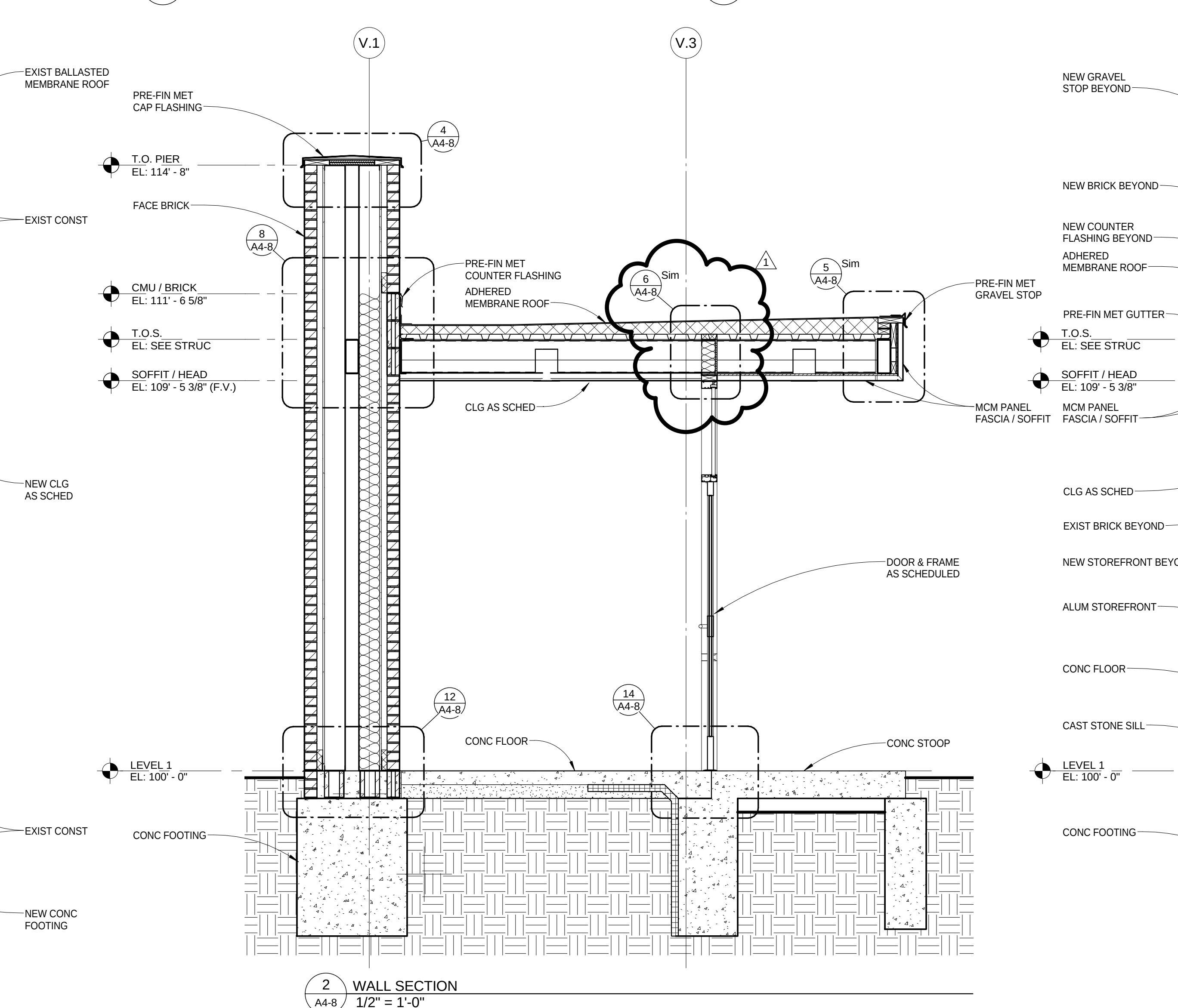
12 FOOTINGS DETAIL
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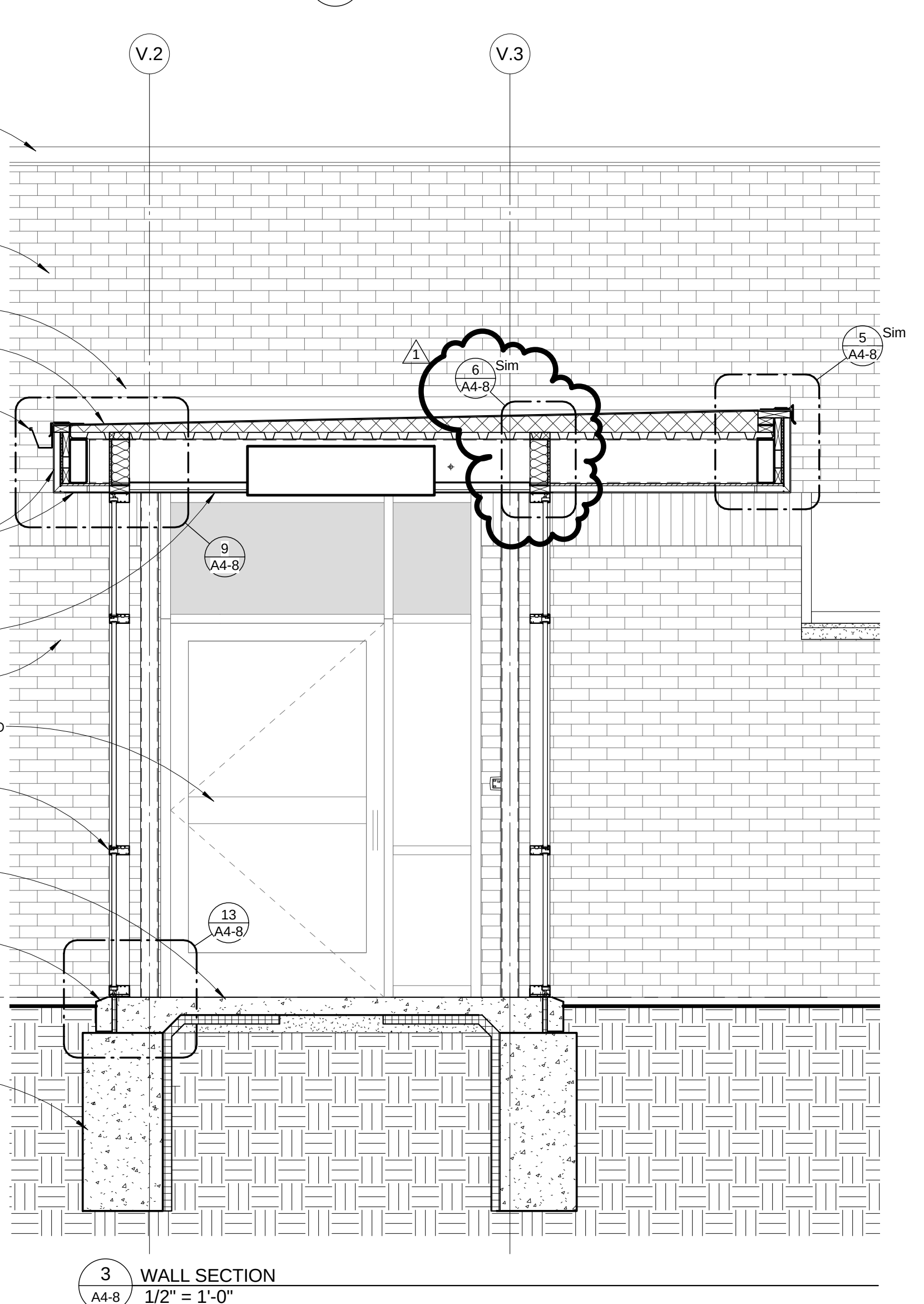
13 SILL DETAIL
1 1/2" = 1'-0"



1 WALL SECTION
1/2" = 1'-0"

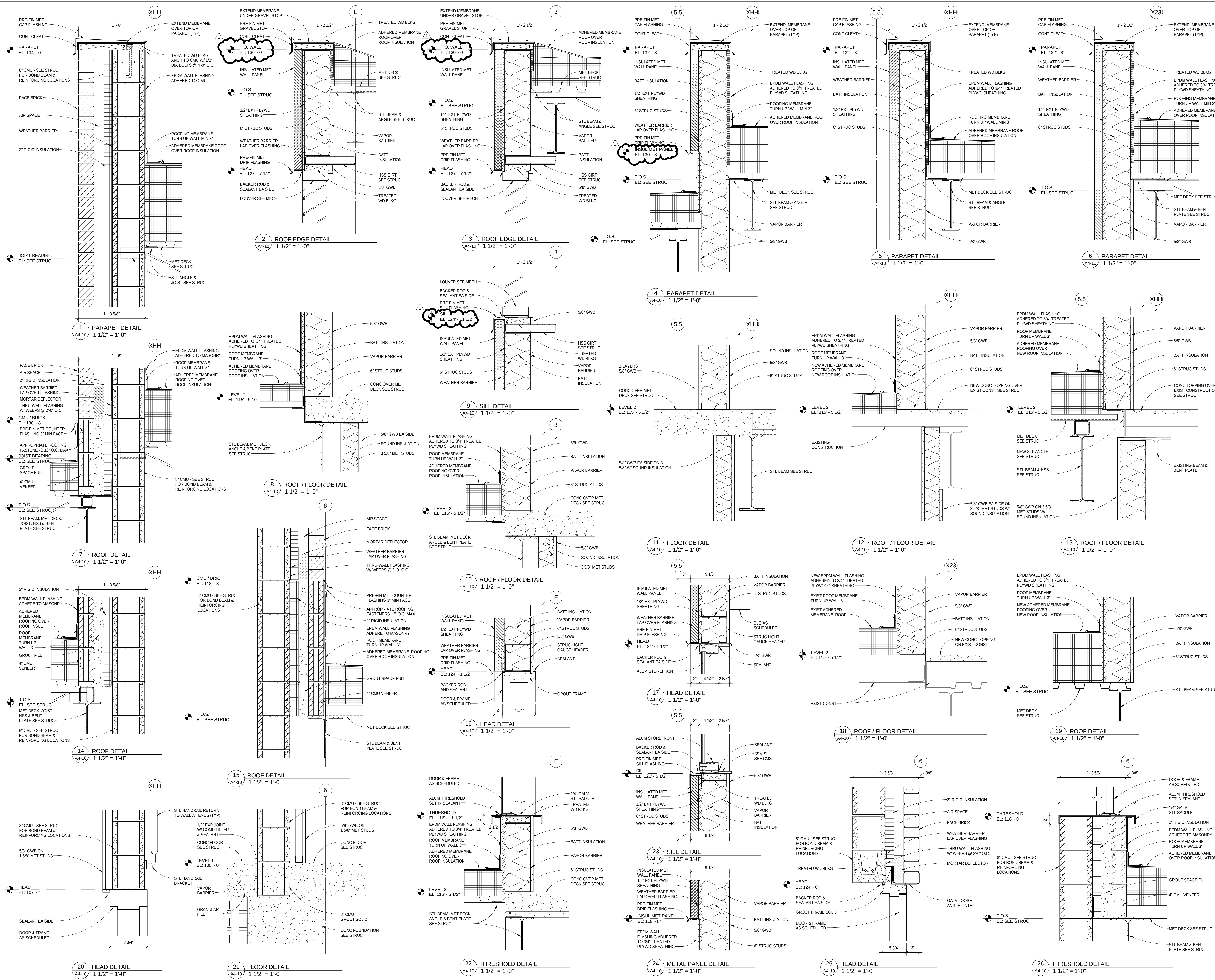


2 WALL SECTION
1/2" = 1'-0"



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

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Client:

YORK GENERAL
HEALTH CARE
SERVICES

Project Title:

HOSPITAL
ADDITION AND
REMODEL

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Rev	Date	Description
1	02/25/2014	Add No.1

Stamp:

ARCHITECT
MICHAEL S.
LEVIN
A-2040
STATE OF NEBRASKA
01-28-14

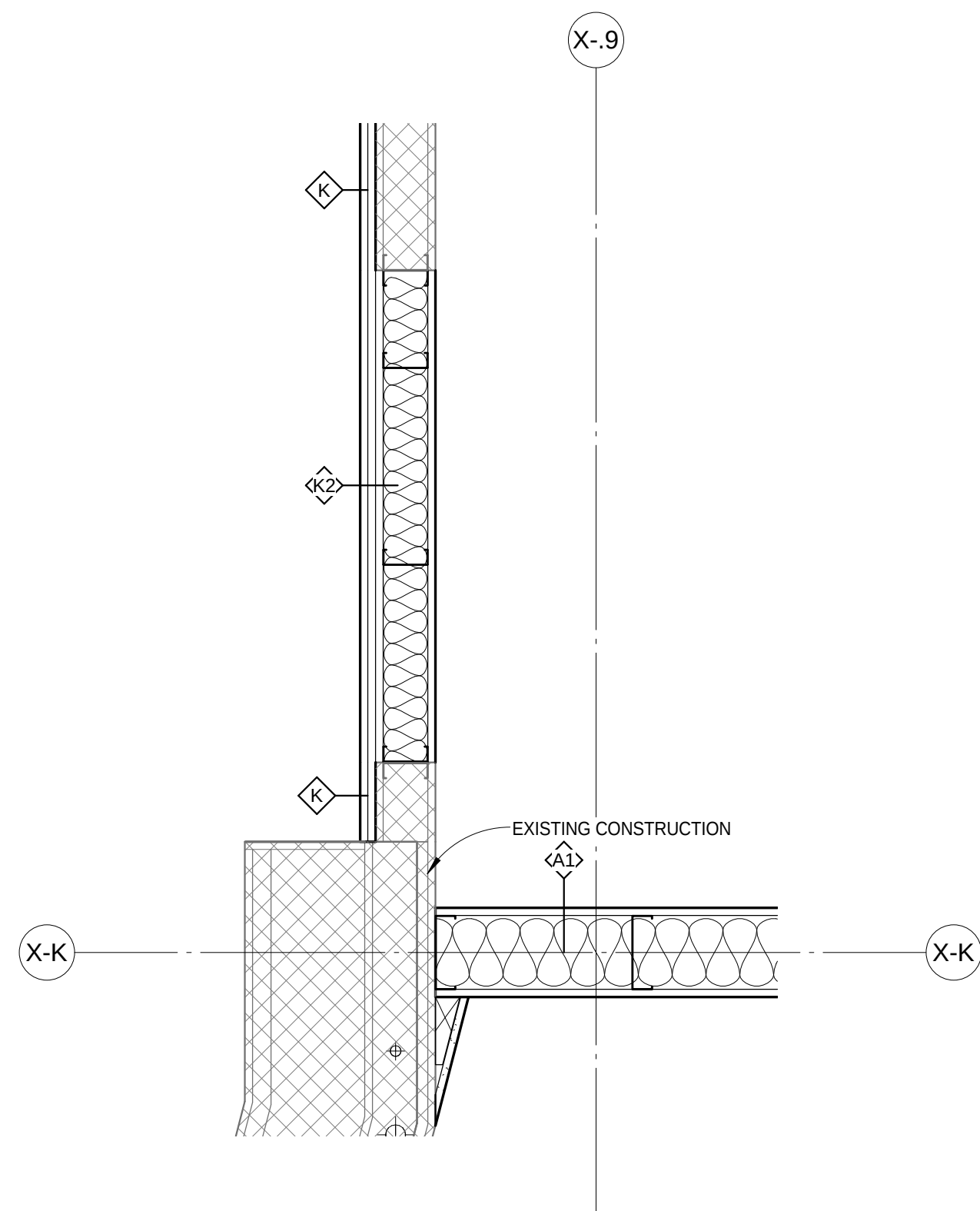
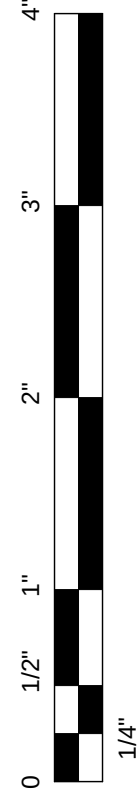
Drawn By: Project Manager:
DAS MSL

Project Number:
24902

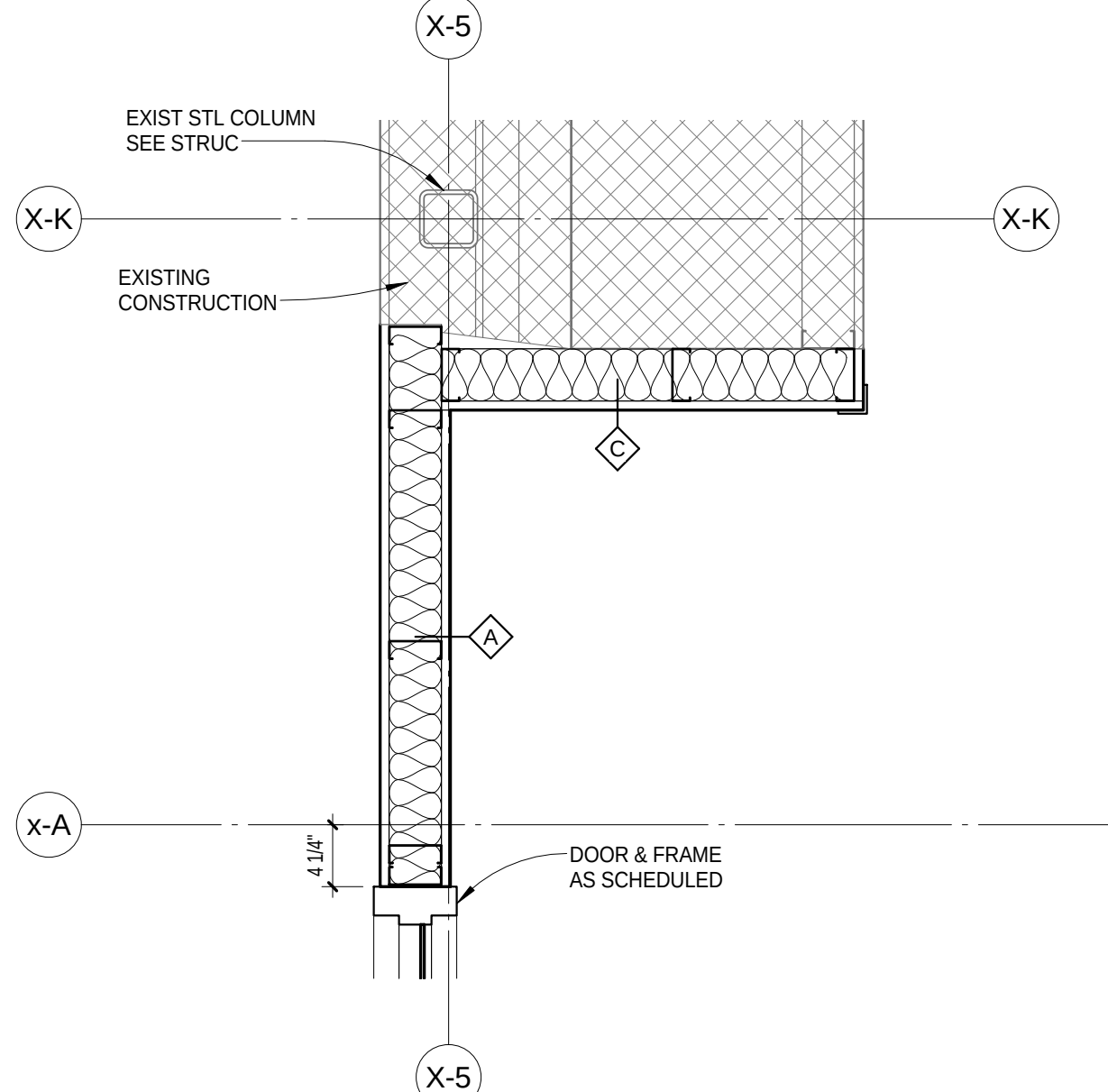
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Sheet Title:
WALL SECTION
DETAILS

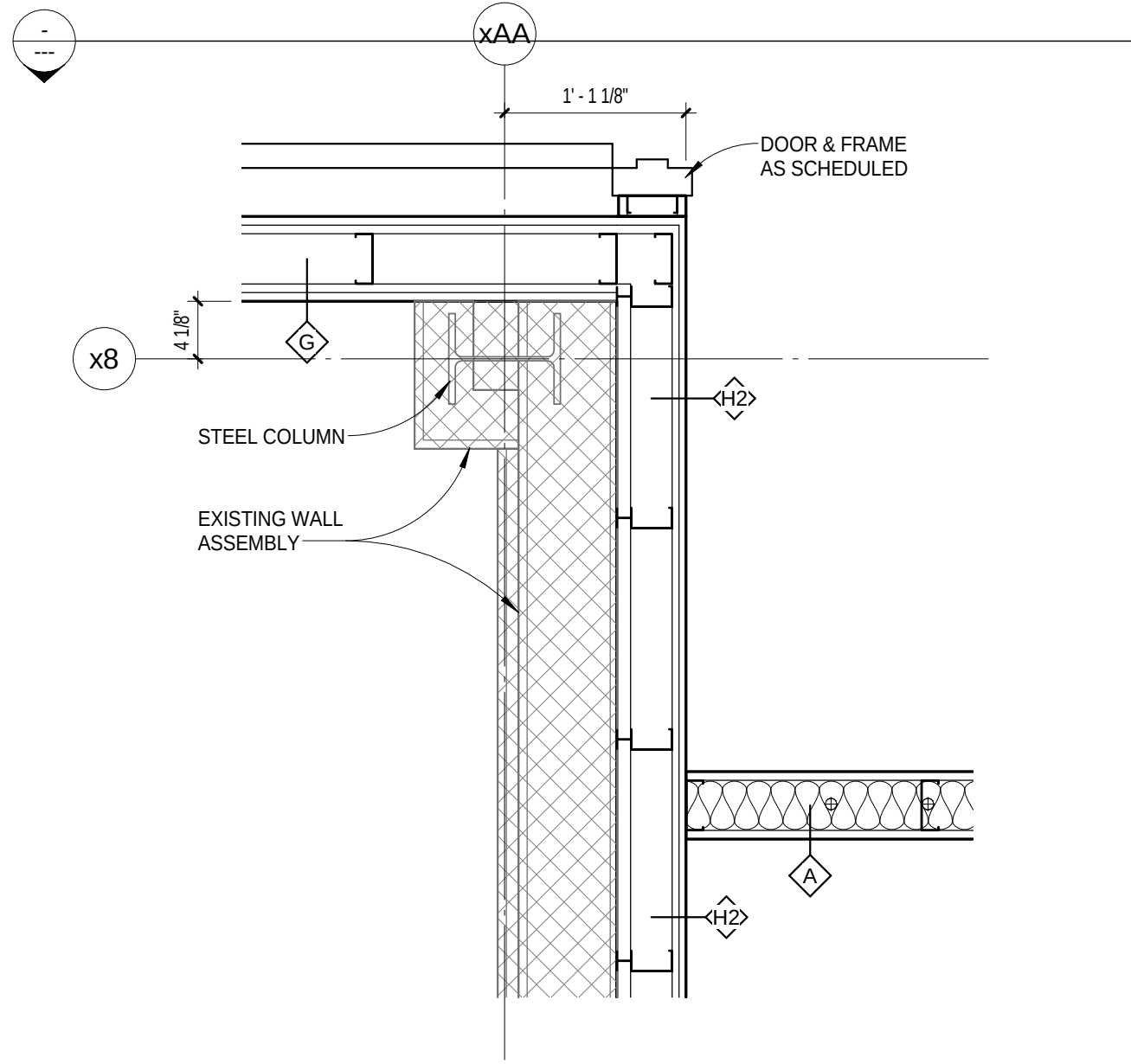
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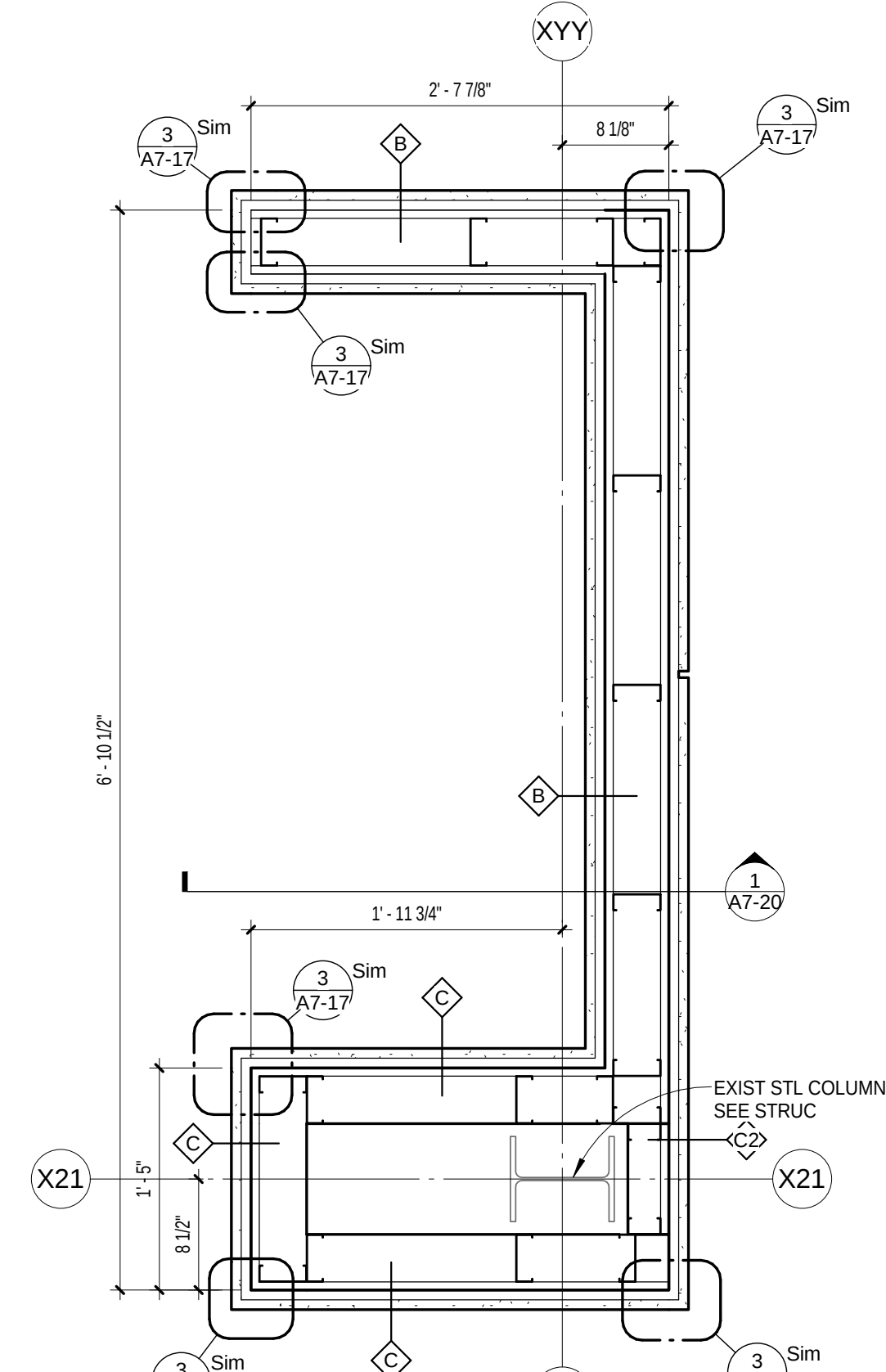
1 PLAN DETAIL
A5-2 1" = 1'-0"



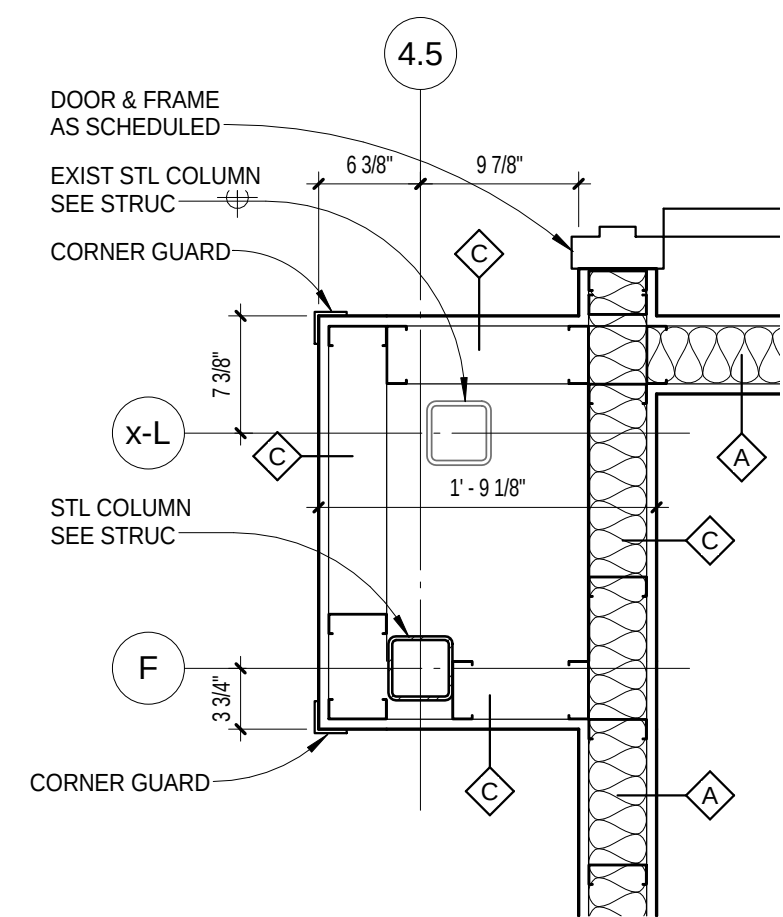
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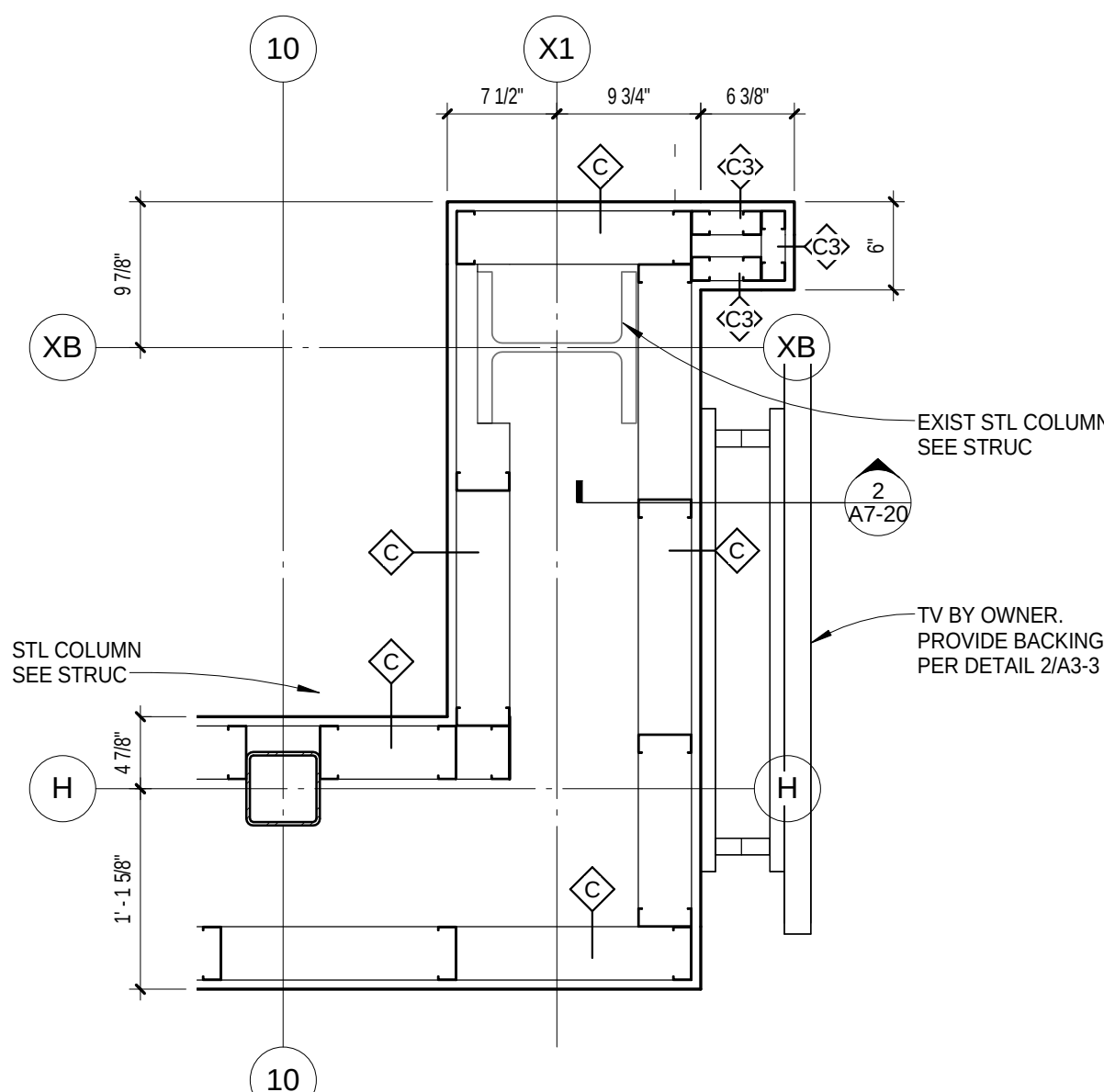
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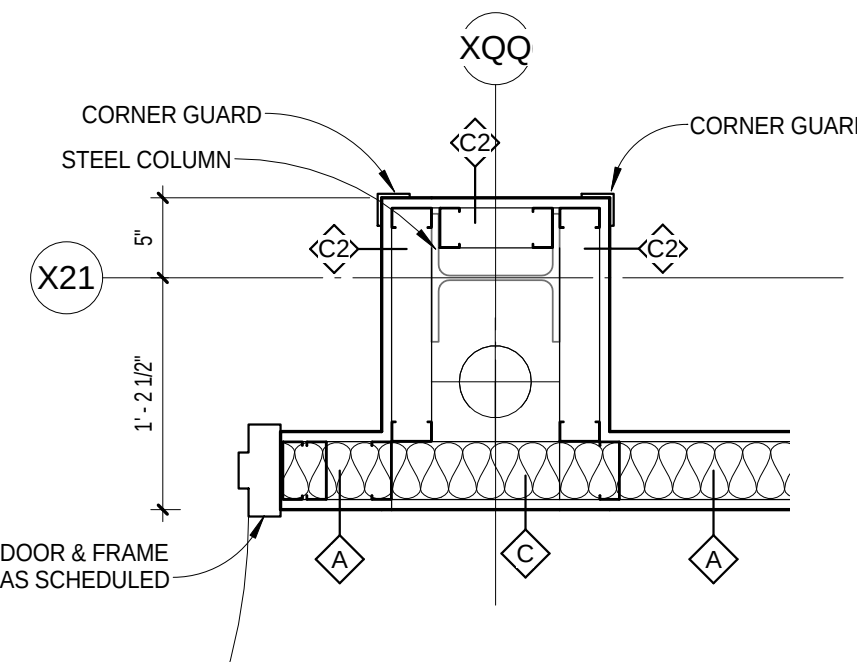
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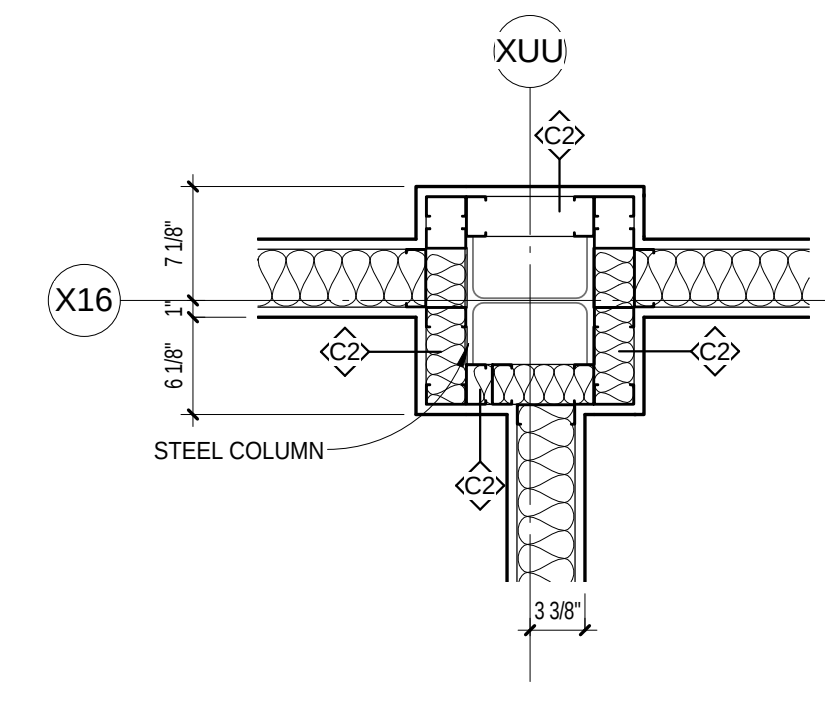
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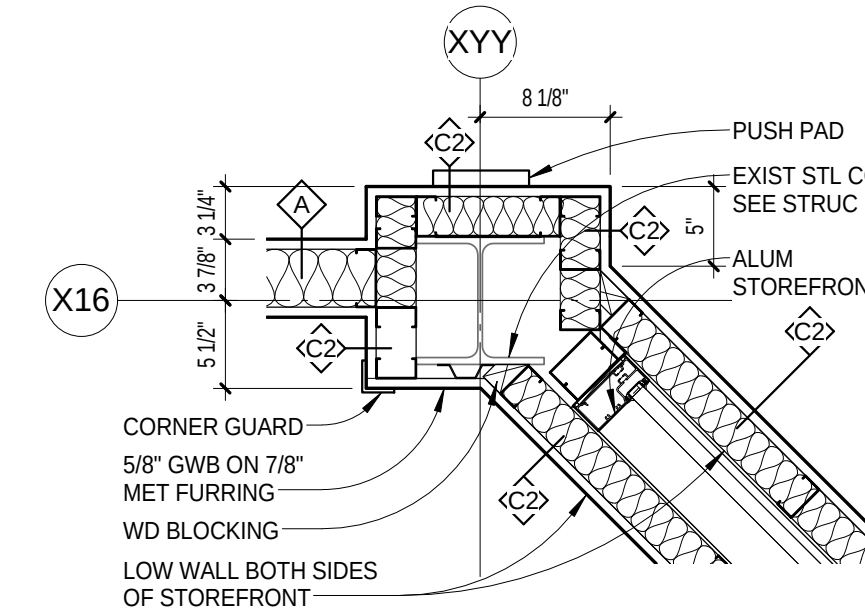
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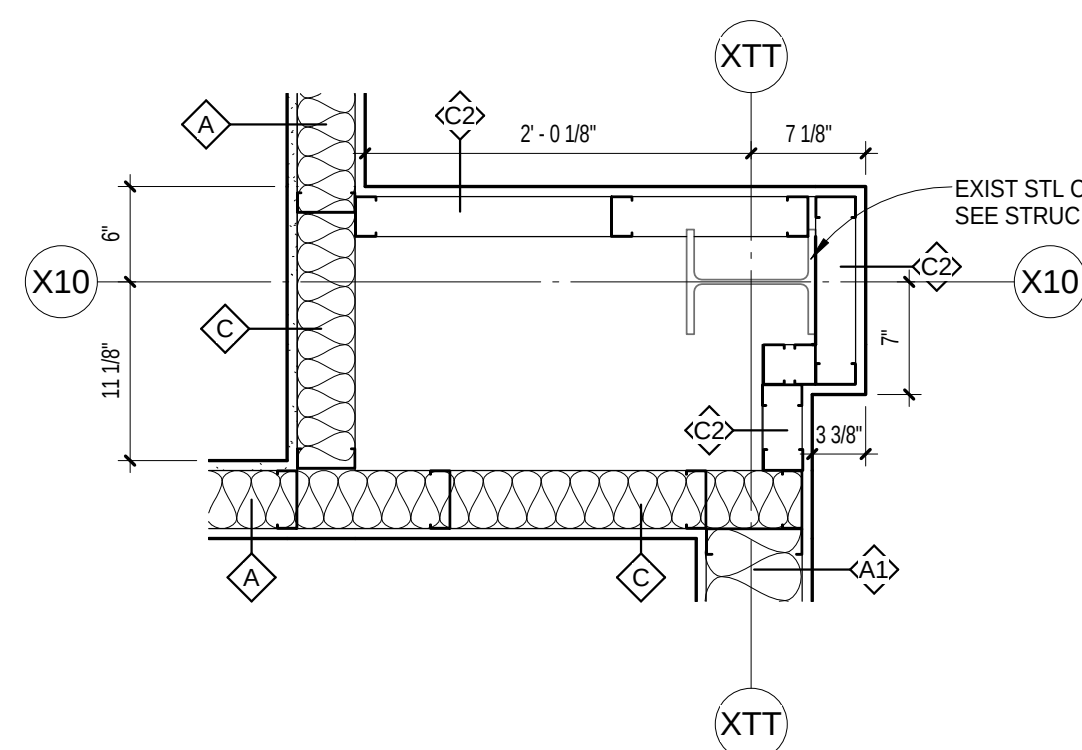
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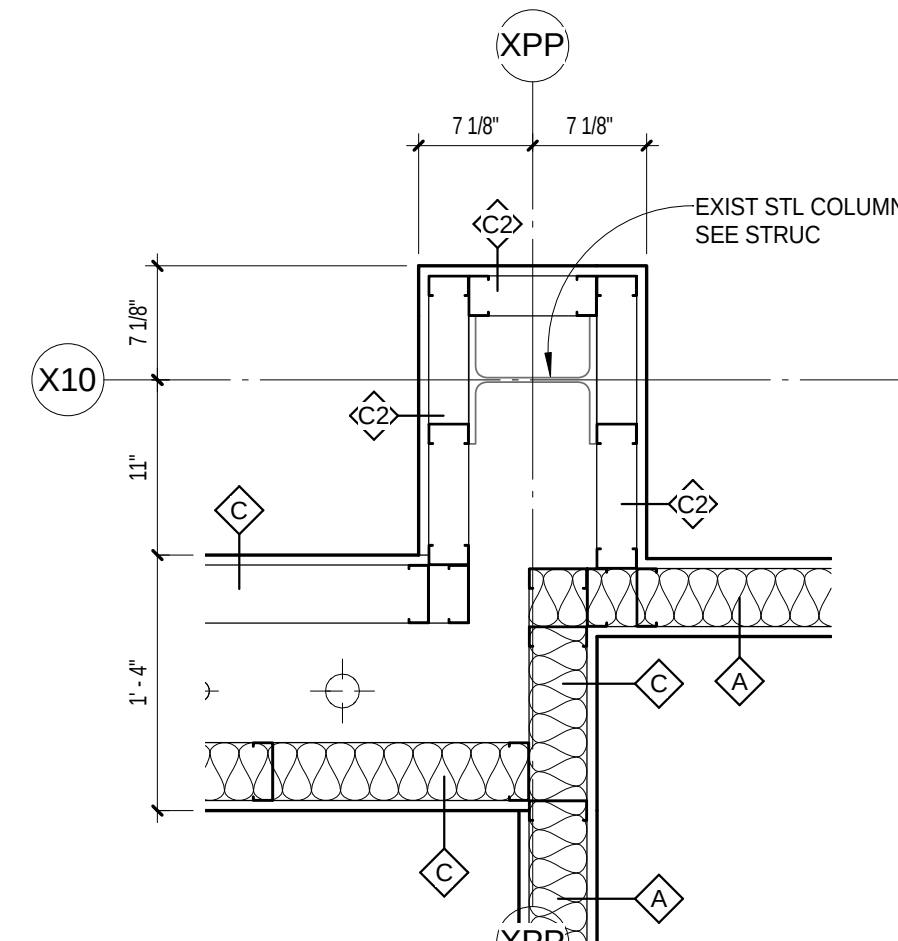
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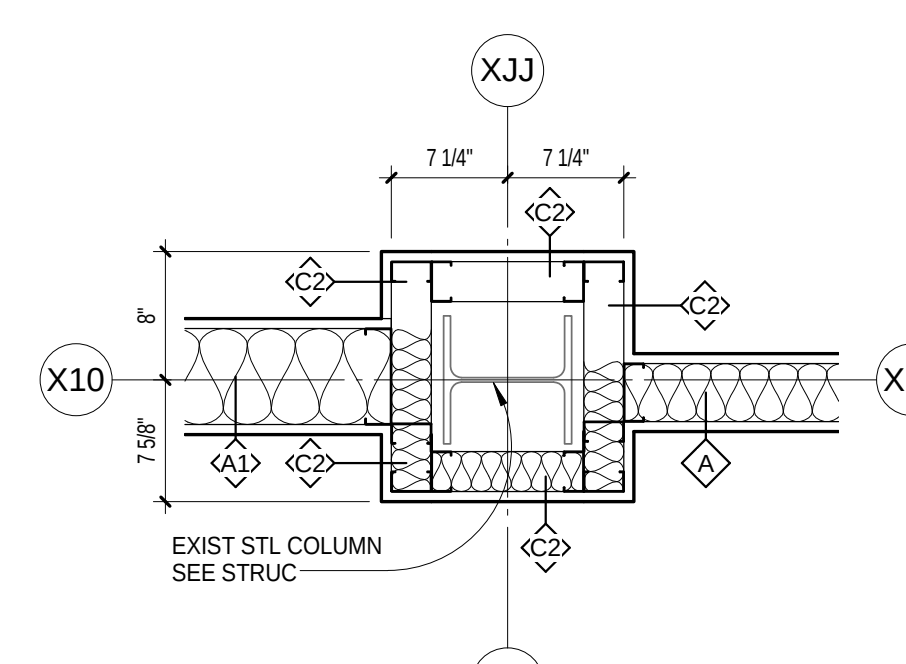
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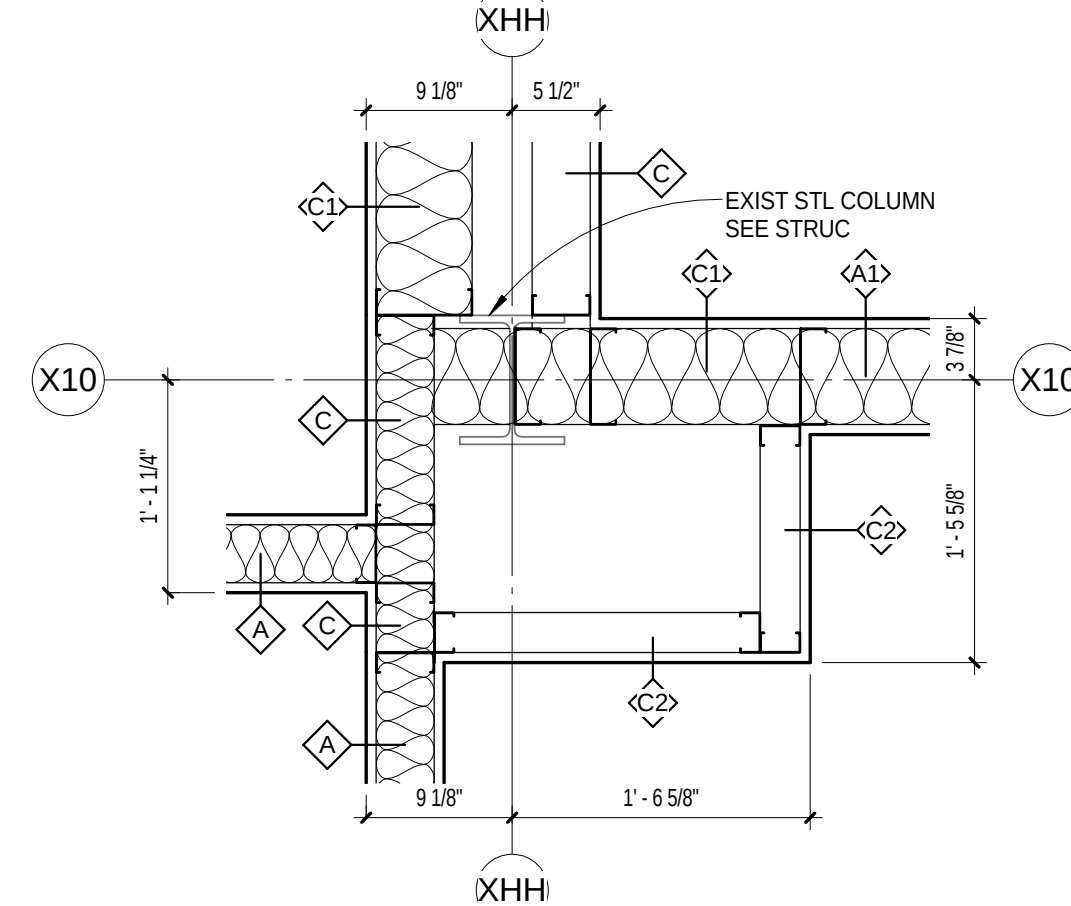
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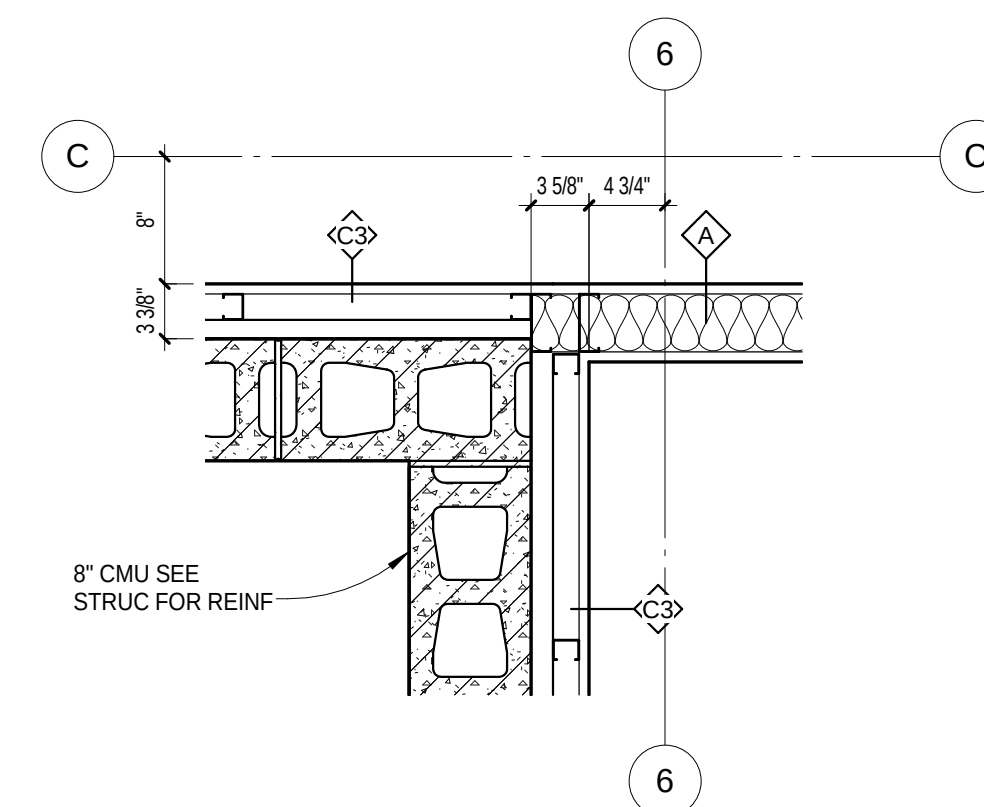
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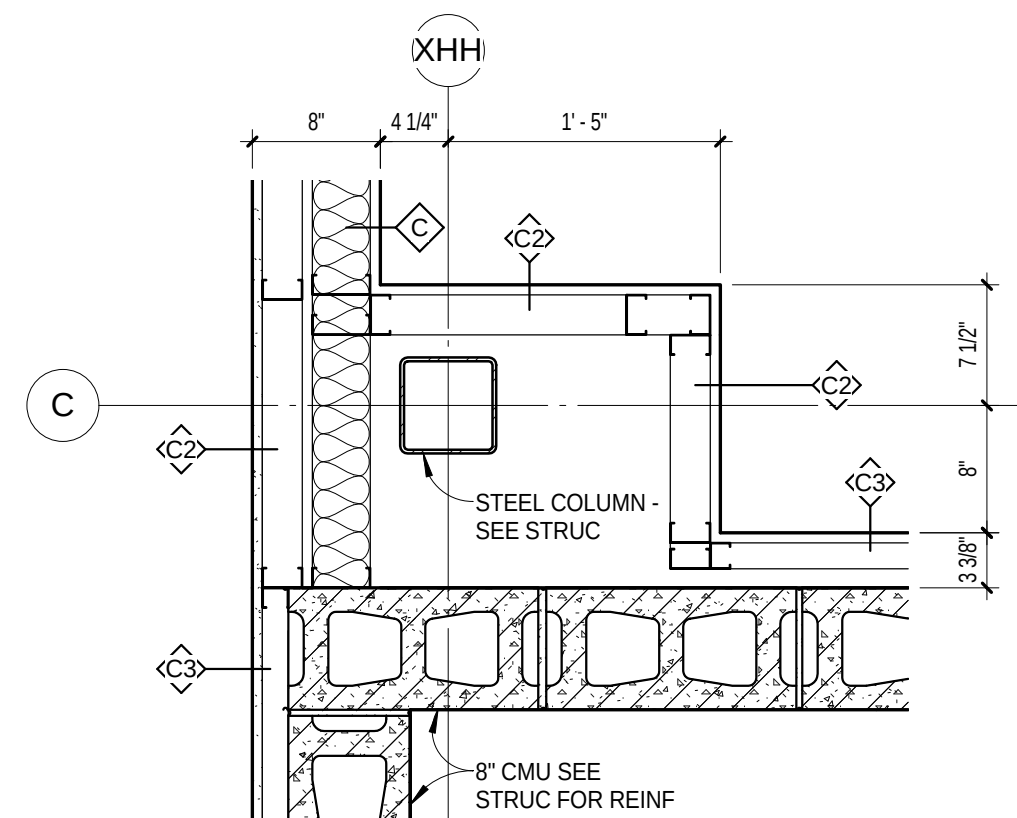
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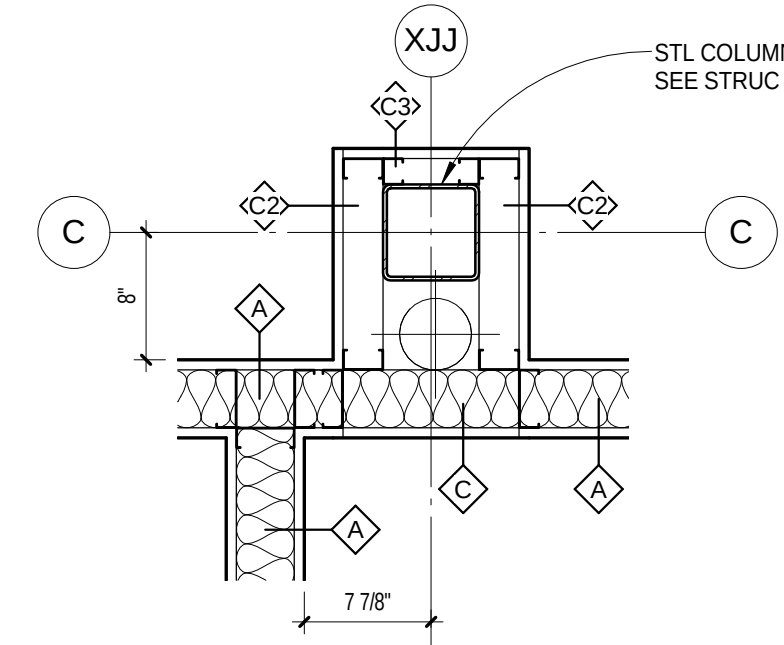
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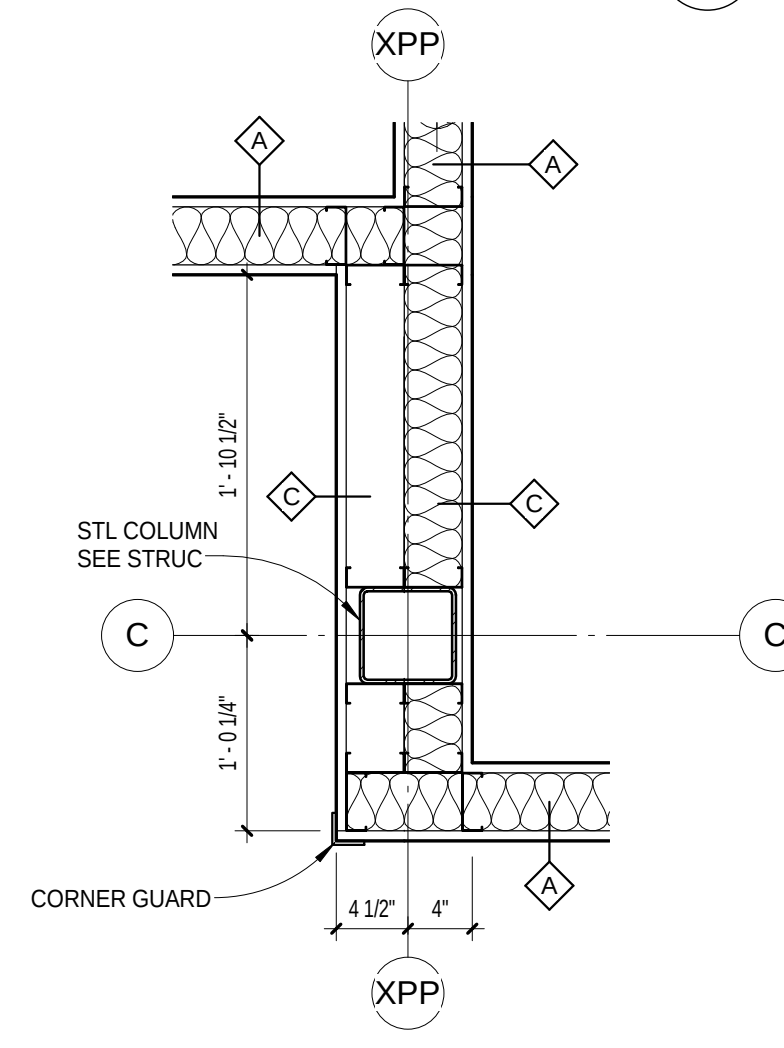
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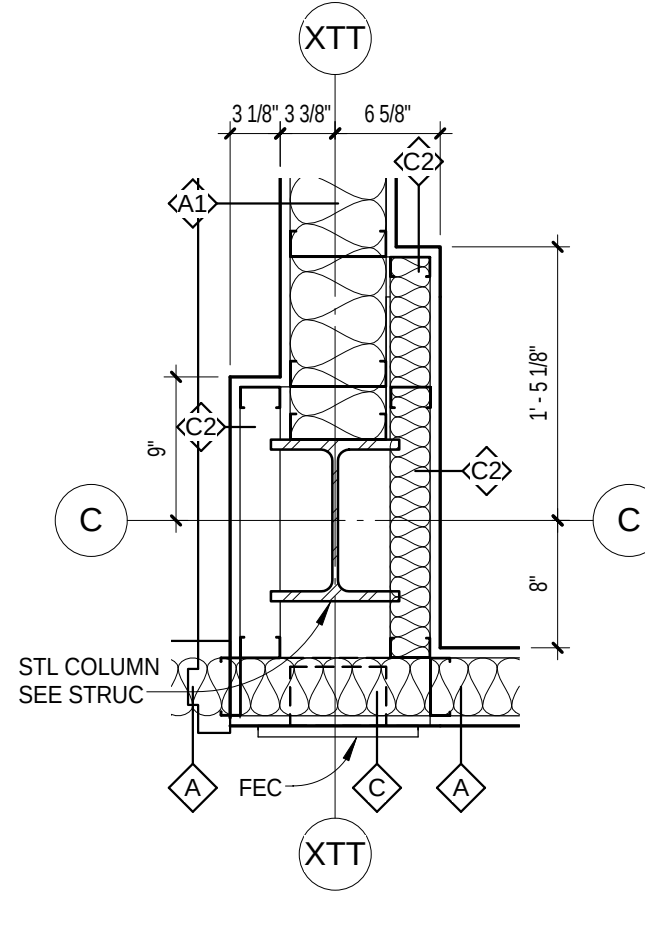
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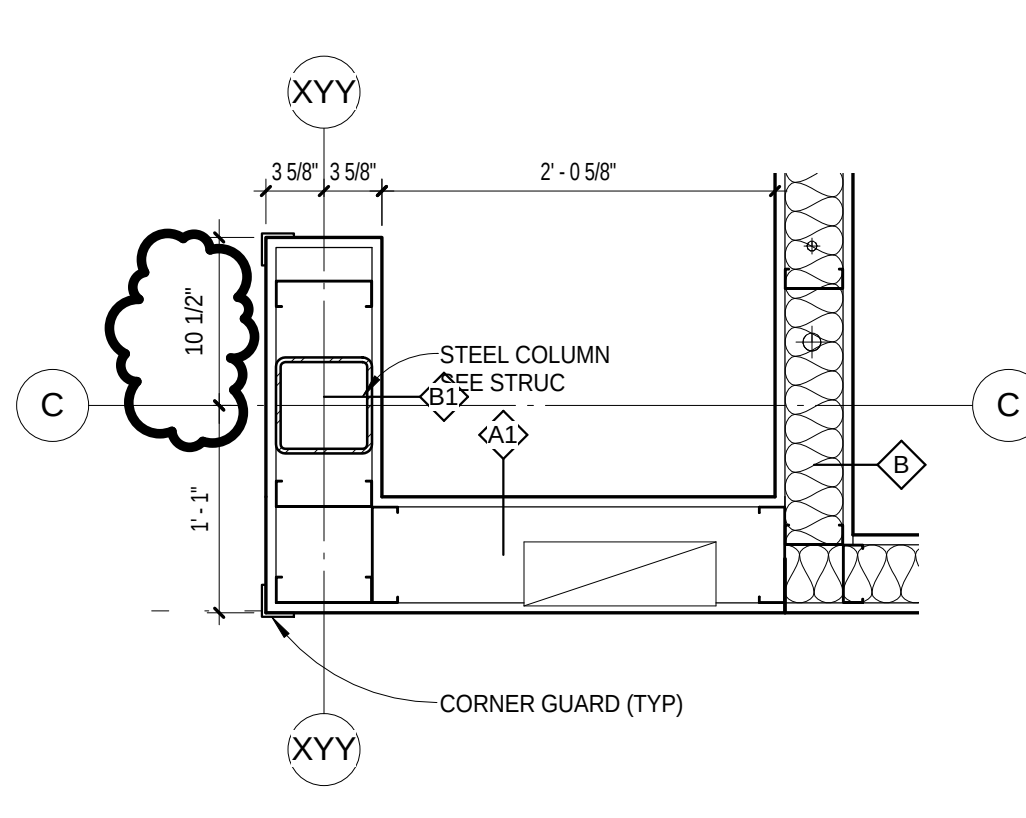
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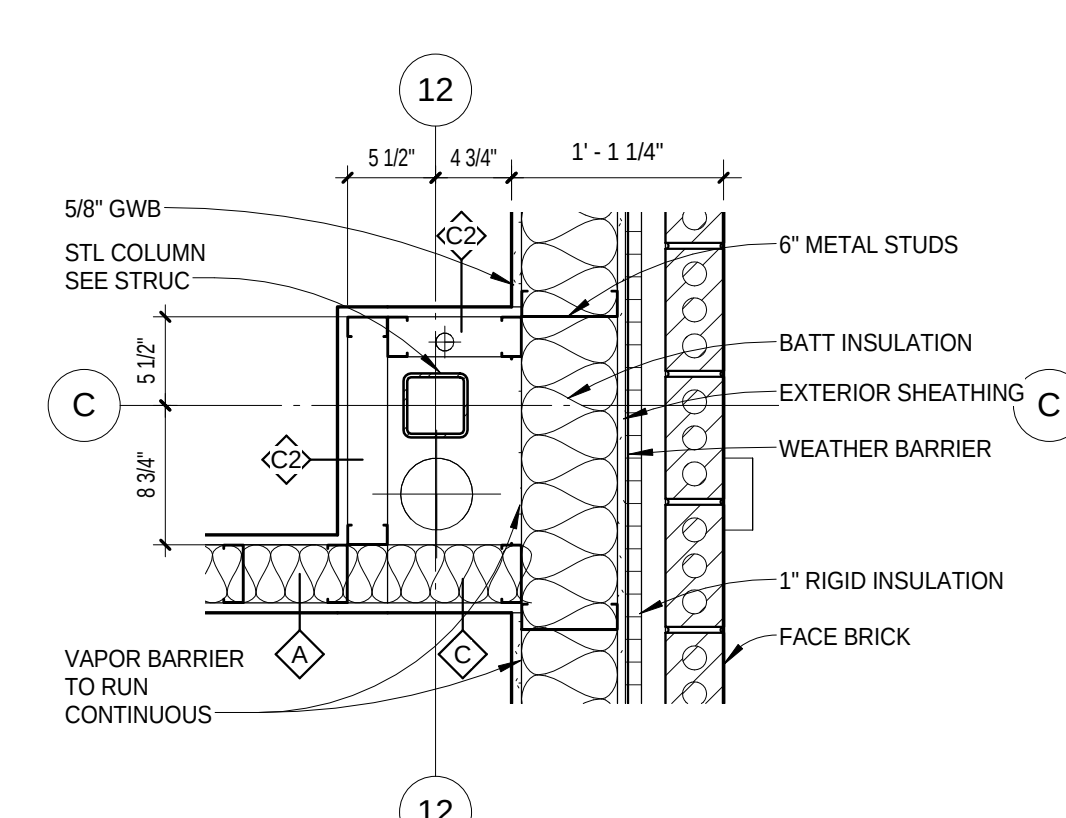
17 PLAN DETAIL
A5-2 1" = 1'-0"



18 PLAN DETAIL
A5-2 1" = 1'-0"



19 PLAN DETAIL
A5-2 1" = 1'-0"



20 PLAN DETAIL
A5-2 1" = 1'-0"

YORK GENERAL
HEALTH CARE
SERVICES

Project Title:
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Project Manager:

RLE MSL

Project Number:

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Date:

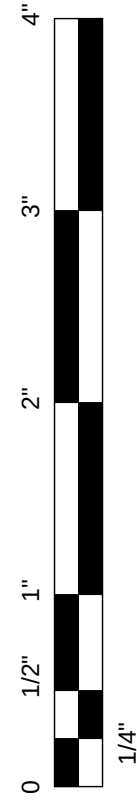
01/28/2014

Sheet Title:

PLAN DETAILS

Sheet Number:

A5-2



1 CEILING PLAN LEVEL 1 - AREA A
A6-1 3/16" = 1'-0"

- REFLECTED CEILING PLAN SHEET NOTES:
1. NOT USED
 2. NOT USED
 3. SEE SHEET A3.6 FOR COLOR AND MATERIAL SCHEDULE FOR REFERENCED CEILING MATERIAL
 4. SEE DEMOLITION PLANS FOR HANDLING AND CARE OF CEILING IN EXISTING CORRIDORS FOR PURPOSES OF MEP WORK

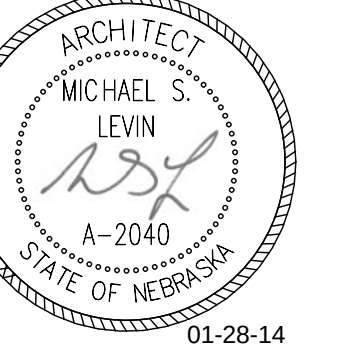
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Author: Approver

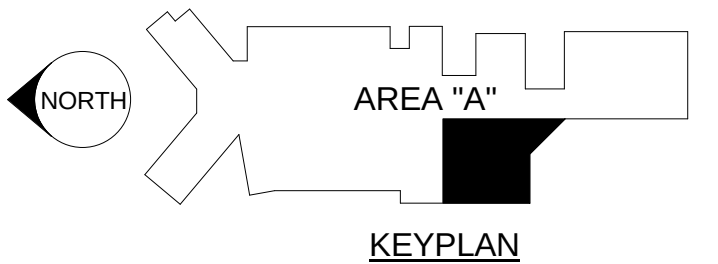
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24902

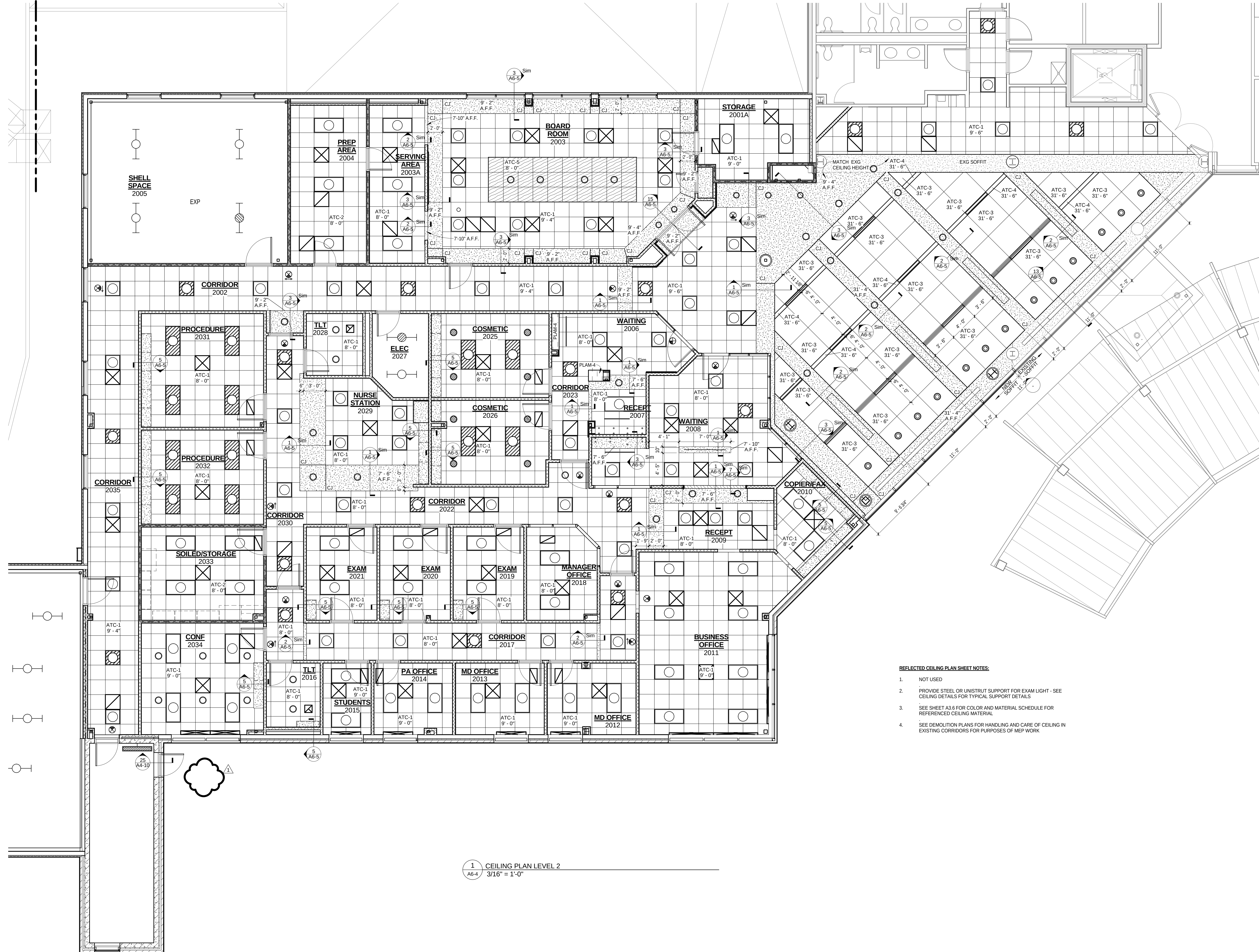
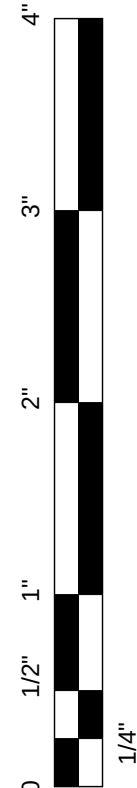
Date:
01/28/2014

Sheet Title:
**REFLECTED
CEILING PLAN -
AREA "A"**

Sheet Number:

A6-1





1 CEILING PLAN LEVEL 2
A6-4 3/16" = 1'-0"

REFLECTED CEILING PLAN SHEET NOTES:

1. NOT USED
2. PROVIDE STEEL OR UNISTRUT SUPPORT FOR EXAM LIGHT - SEE CEILING DETAILS FOR TYPICAL SUPPORT DETAILS
3. SEE SHEET A3.6 FOR COLOR AND MATERIAL SCHEDULE FOR REFERENCED CEILING MATERIAL
4. SEE DEMOLITION PLANS FOR HANDLING AND CARE OF CEILING IN EXISTING CORRIDORS FOR PURPOSES OF MEP WORK

Consultants:

Contractor:

Client:

**YORK GENERAL
HEALTH CARE
SERVICES**

Project Title:

**HOSPITAL
ADDITION AND
REMODEL**

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1	02/25/2014	Addm No.1

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Drawn By: Author
Project Manager: Approver

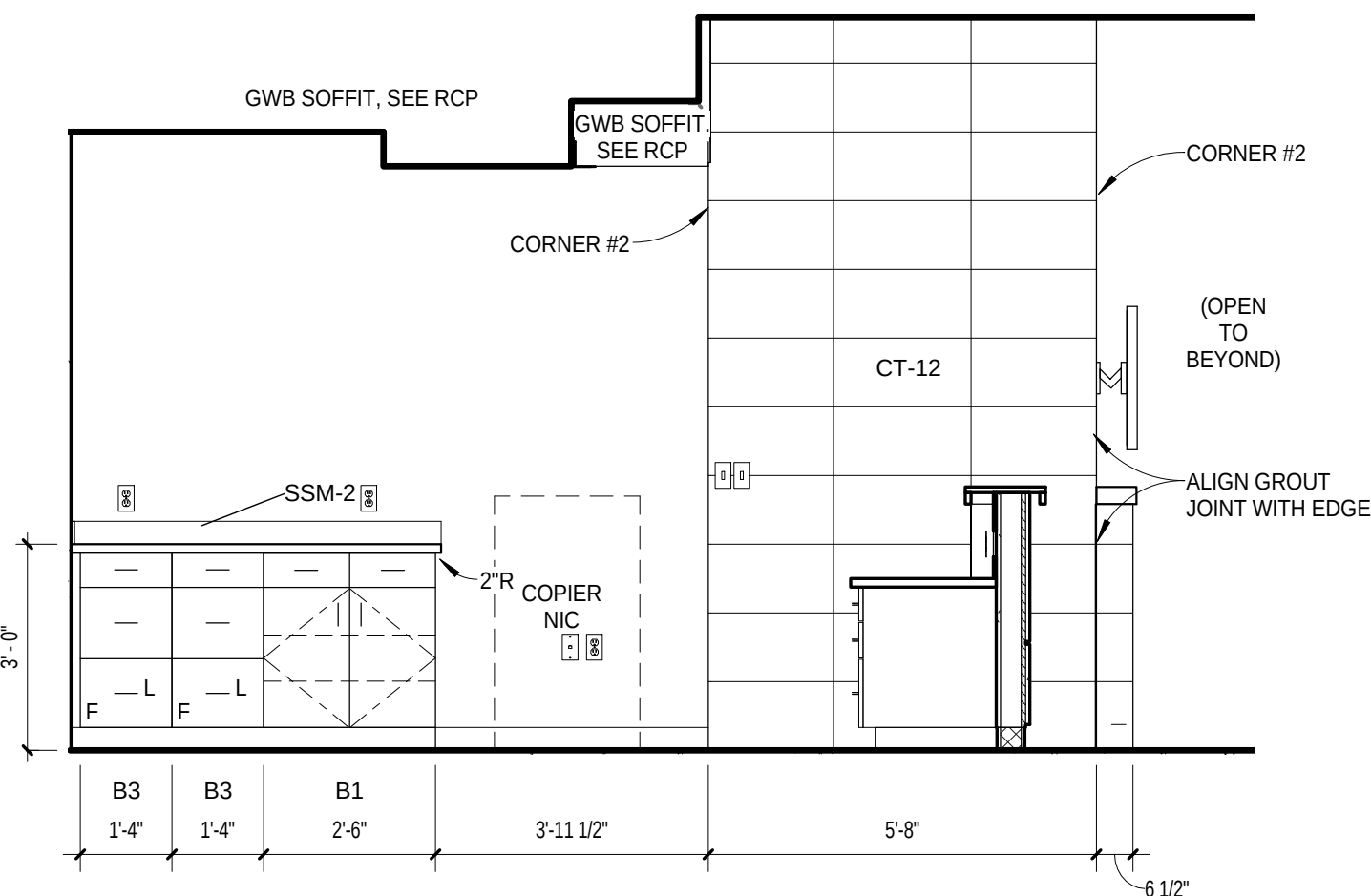
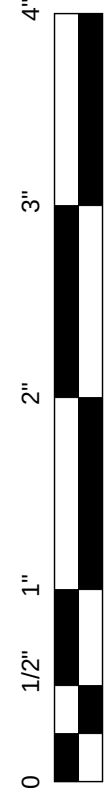
Project Number:
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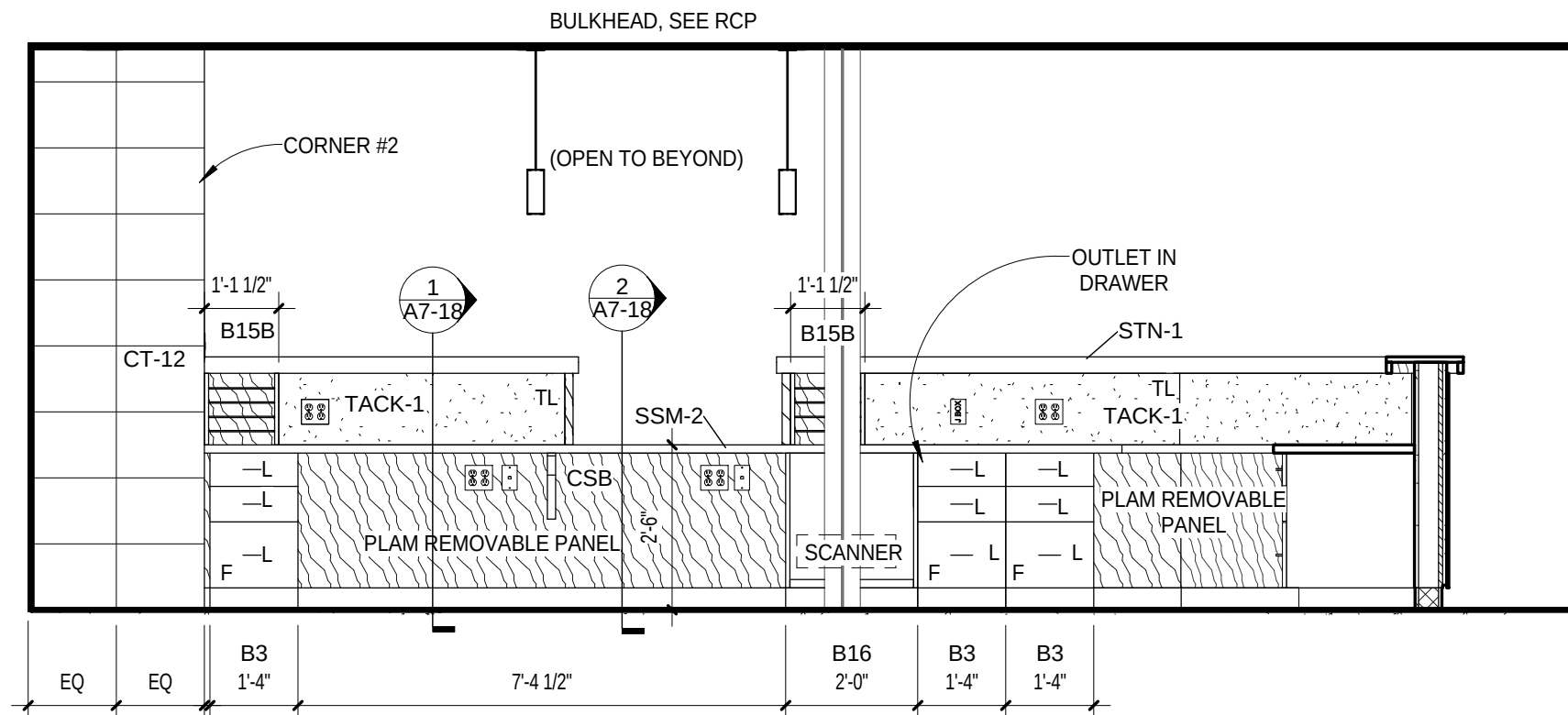
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LEVEL 2**

Sheet Number:

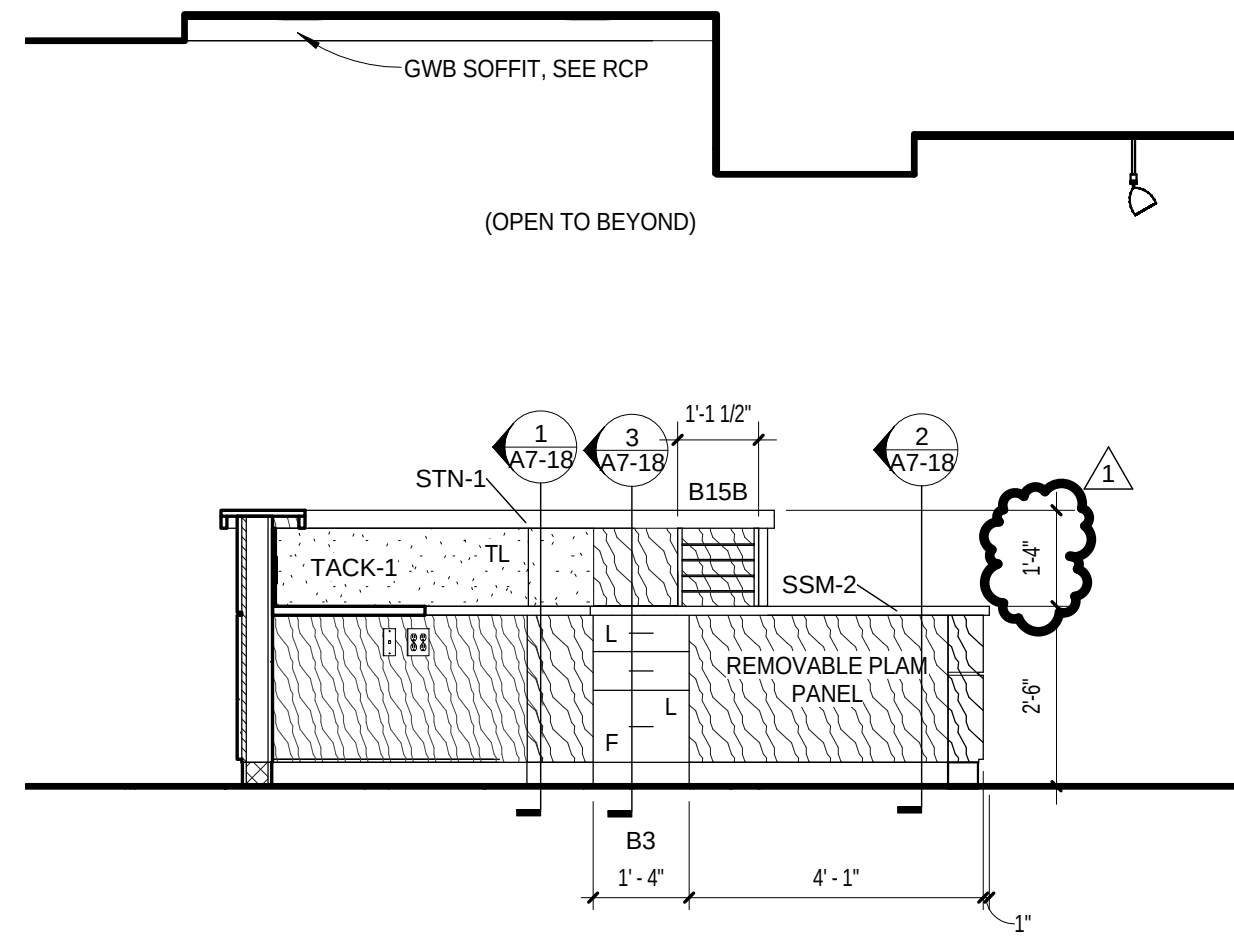
A6-4



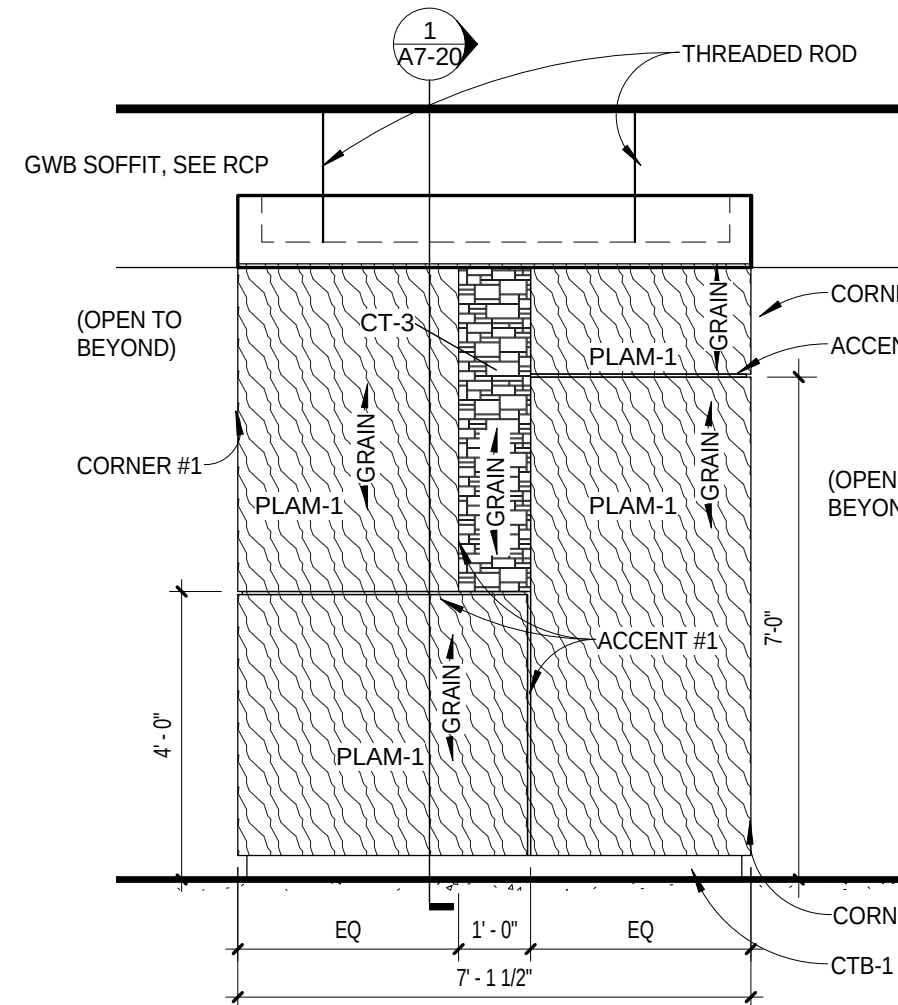
1 RECEPTIONIST B
3/8" = 1'-0"



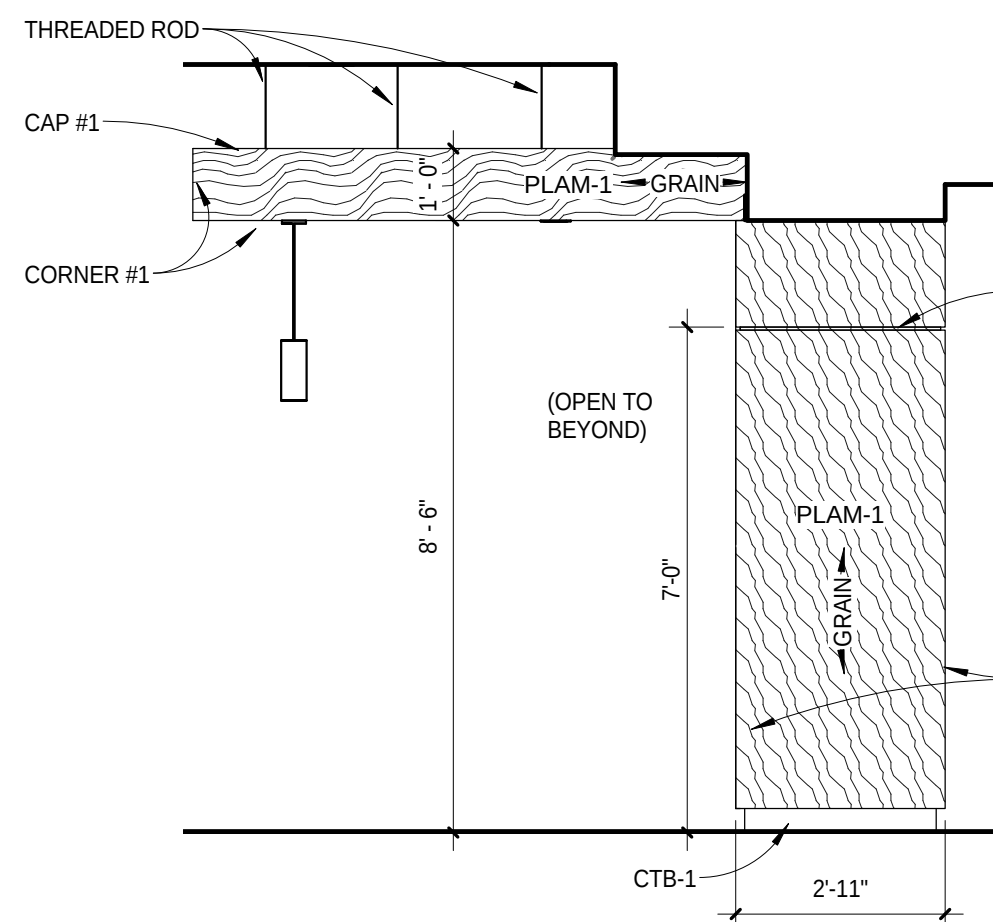
2 LOBBY RECEPTIONIST - BACK
3/8" = 1'-0"



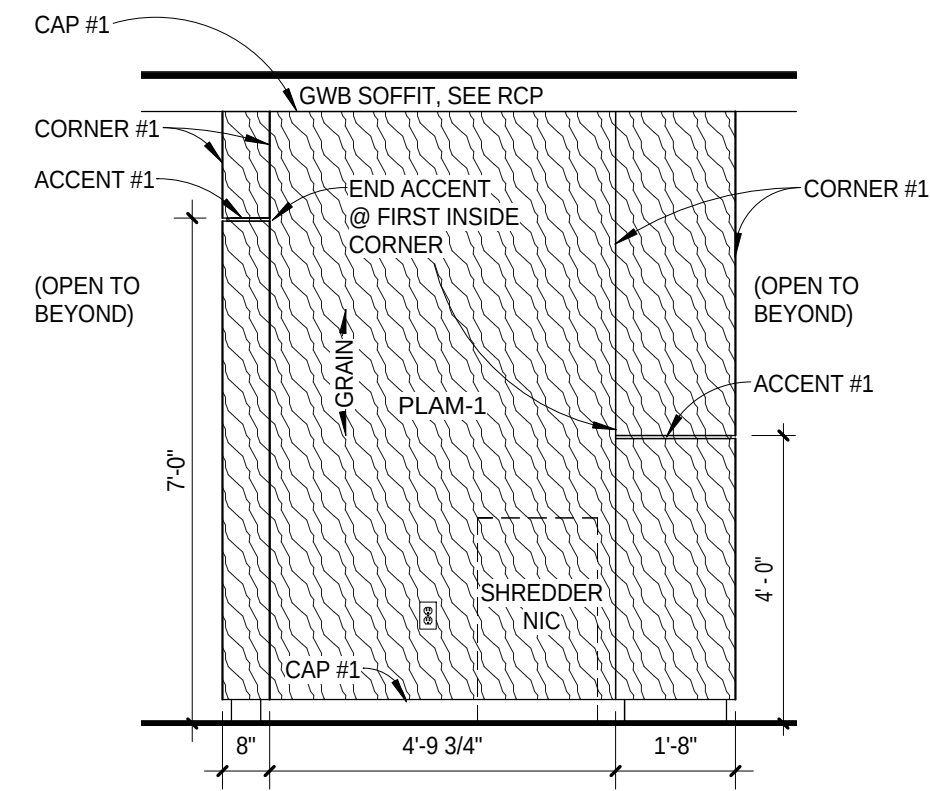
3 LOBBY RECEPTION - BACK DROP DOWN
3/8" = 1'-0"



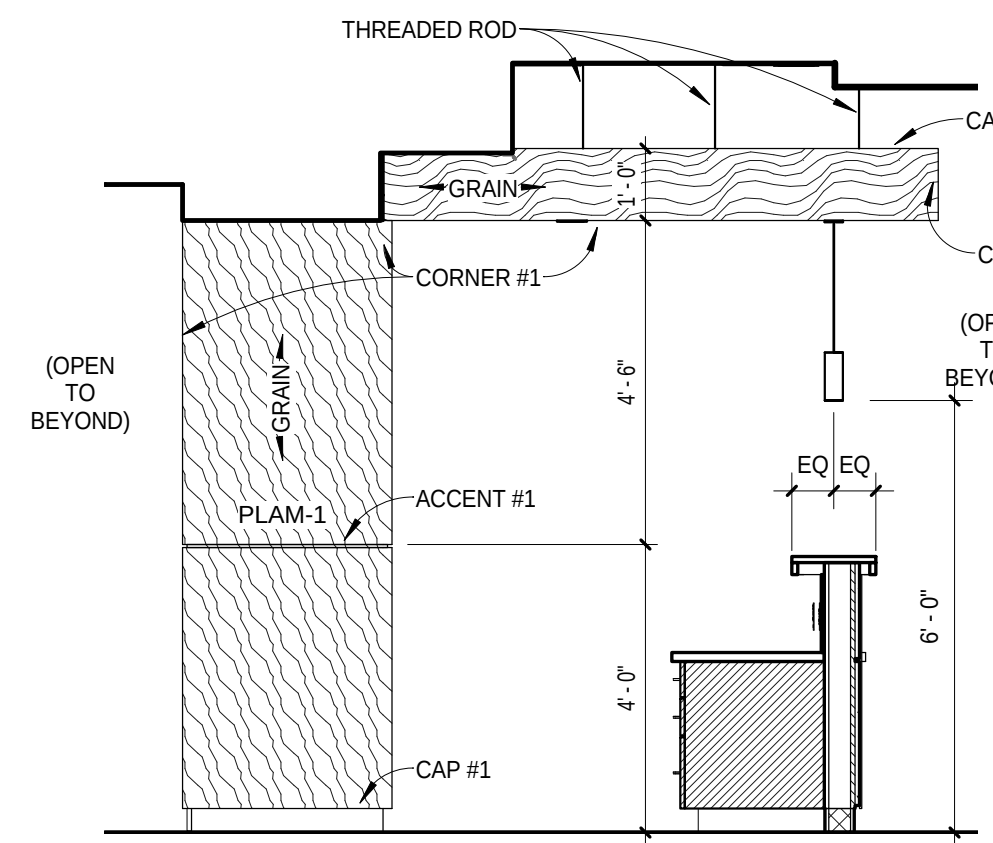
4 LOBBY RECEPTION - DIVIDER WALL
3/8" = 1'-0"



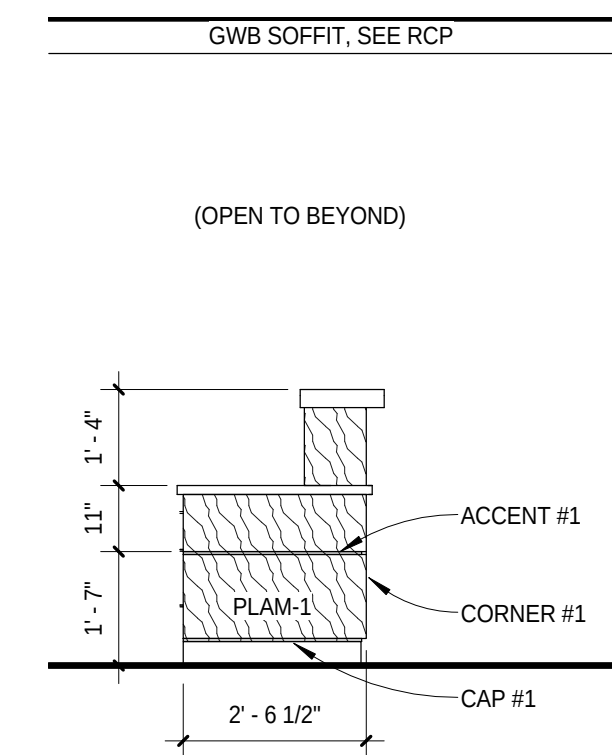
5 LOBBY B
3/8" = 1'-0"



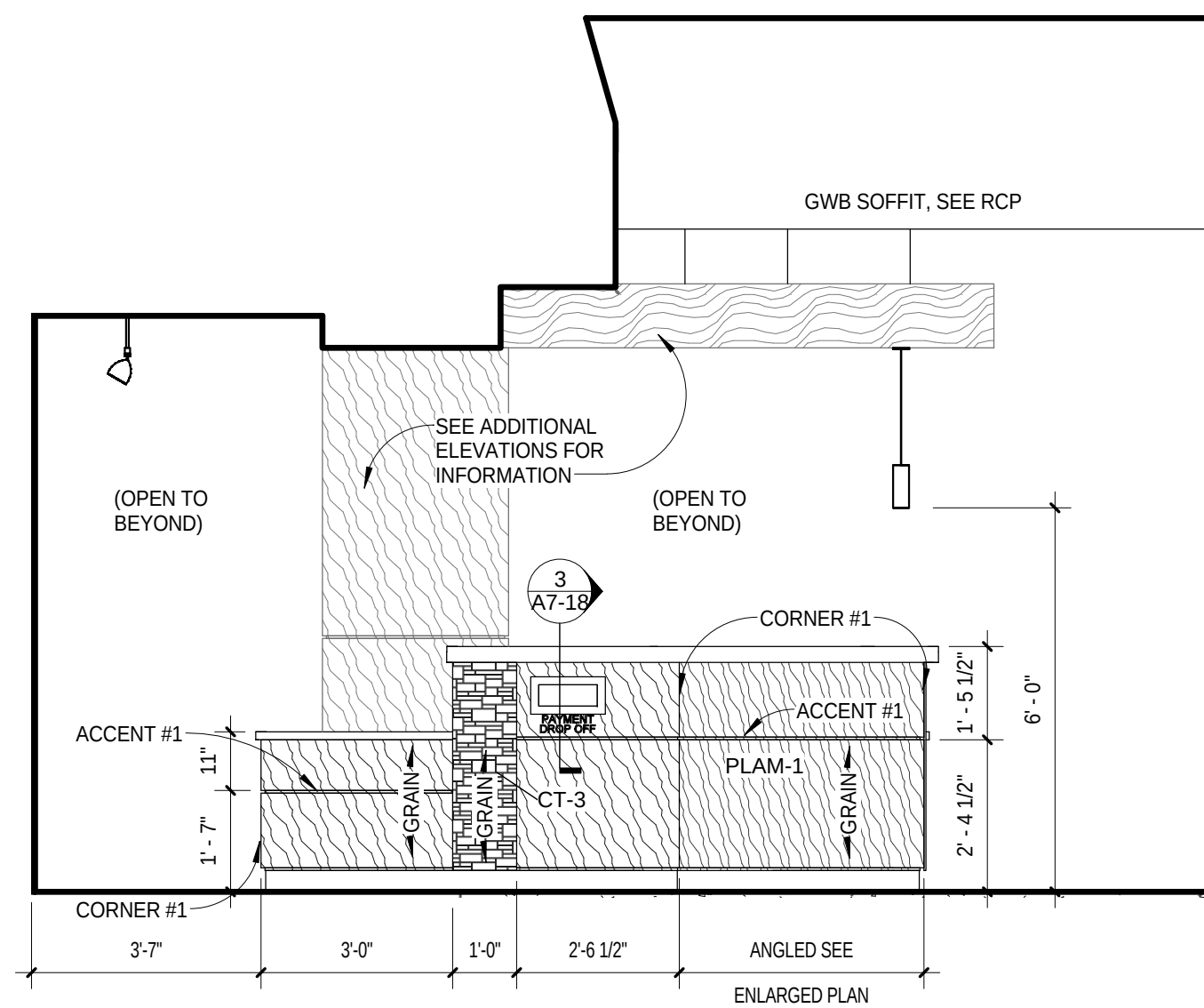
6 LOBBY C
3/8" = 1'-0"



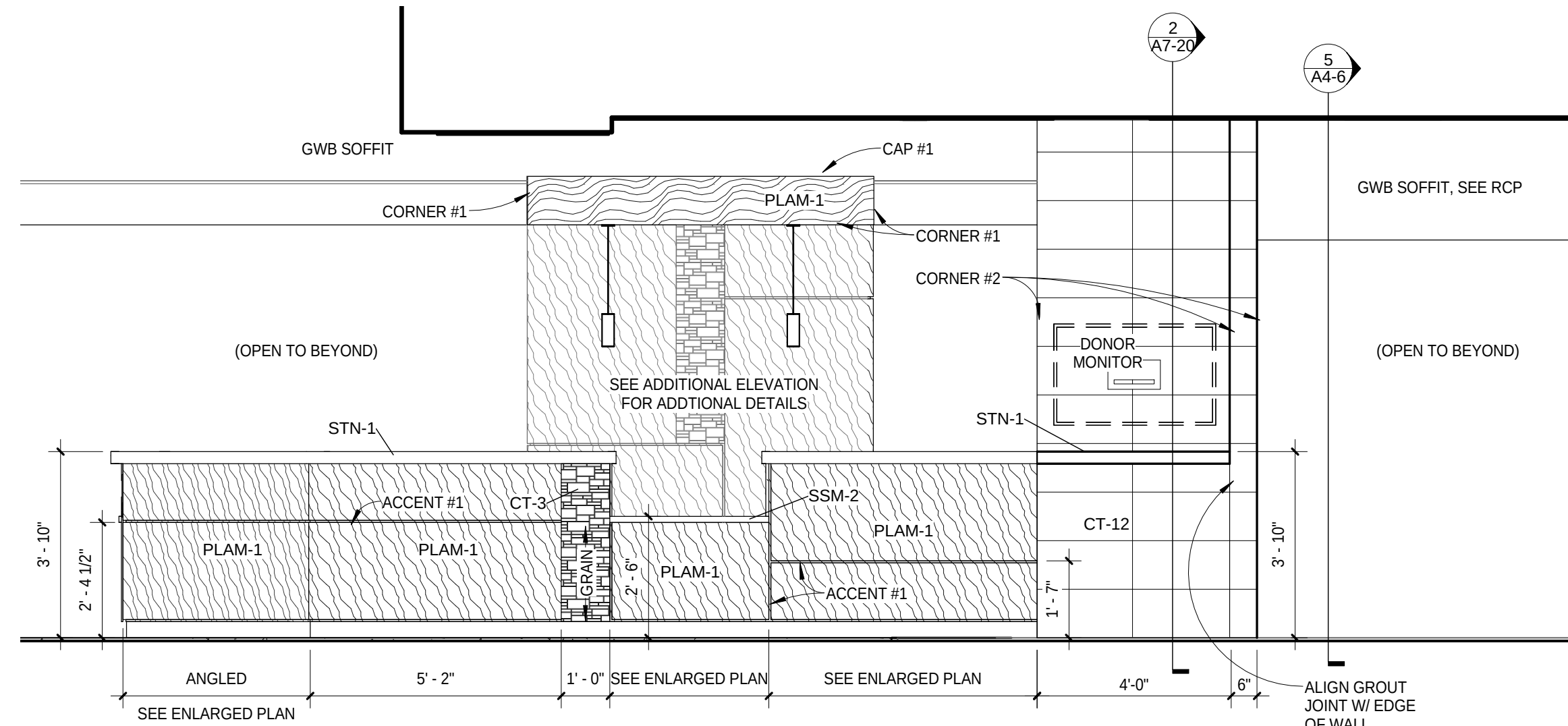
7 LOBBY D
3/8" = 1'-0"



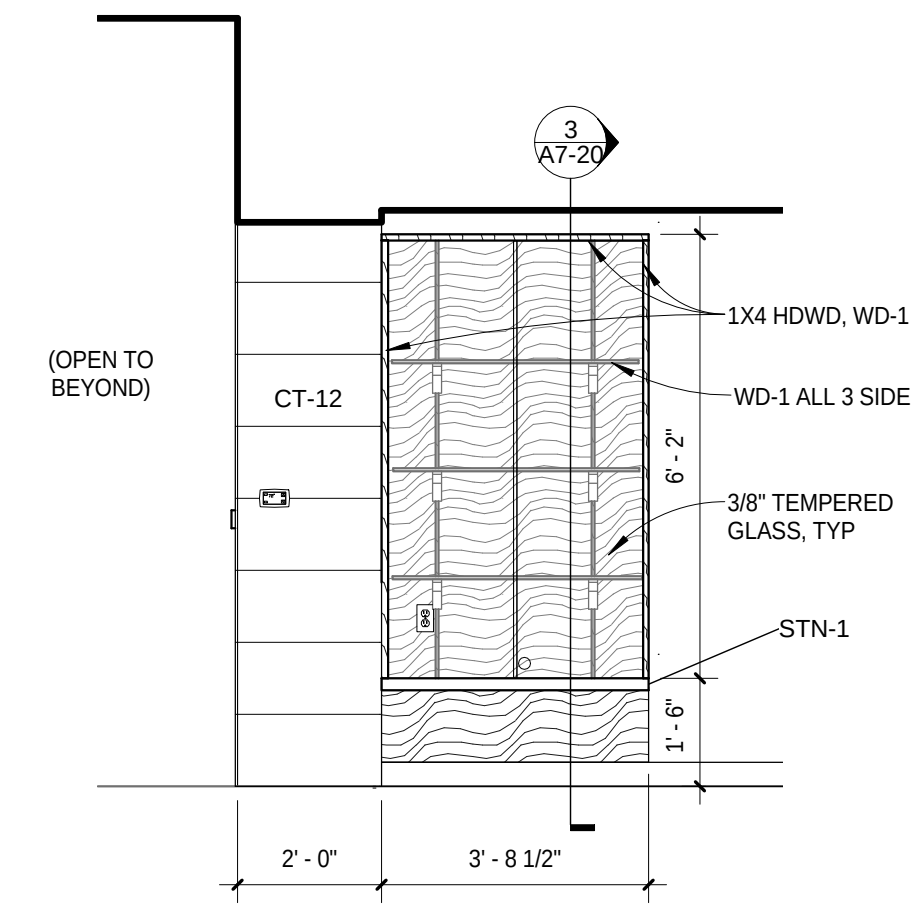
8 LOBBY RECEPTION END PANEL
3/8" = 1'-0"



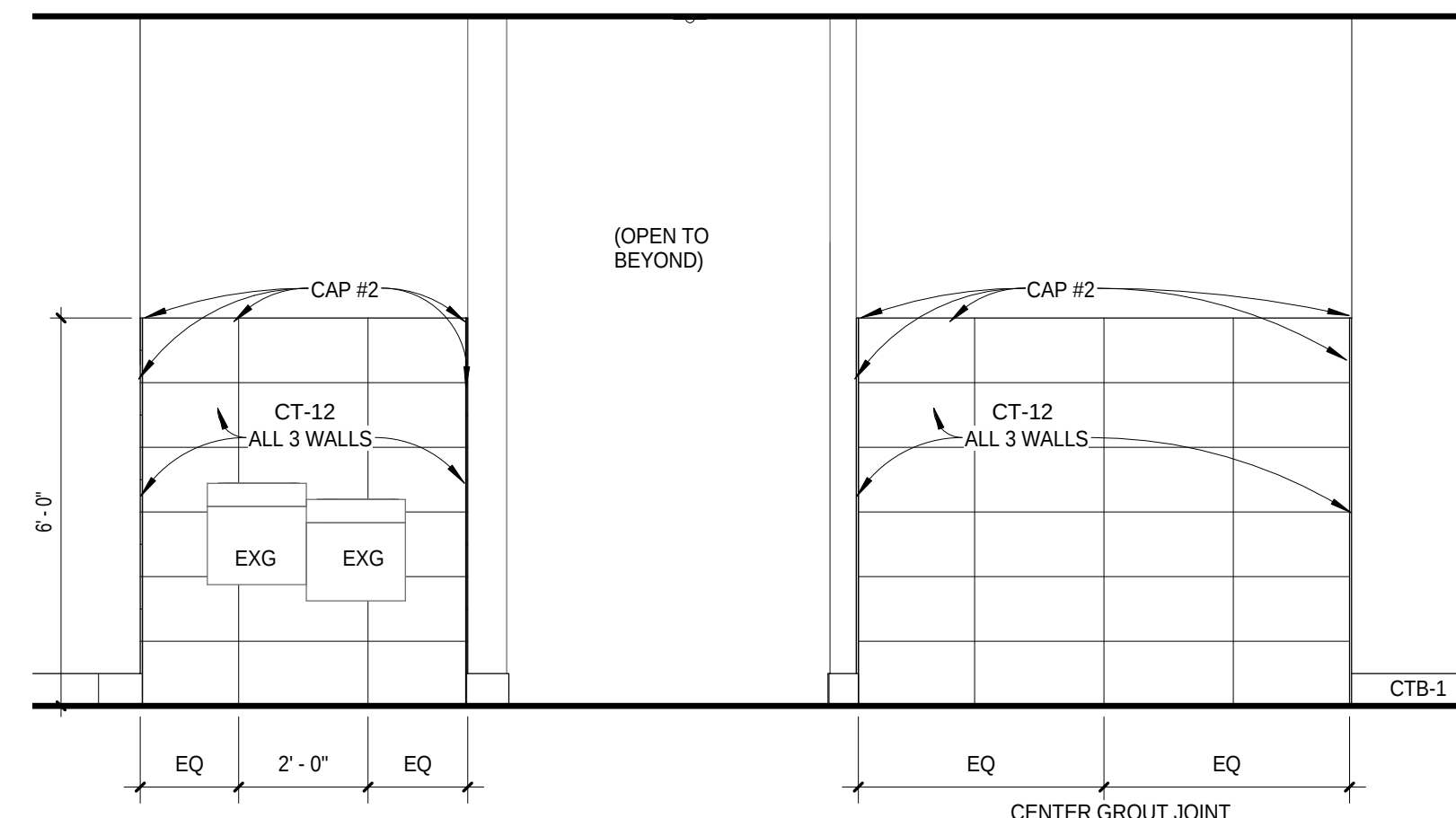
9 LOBBY RECEPTION - FRONT SIDE
3/8" = 1'-0"



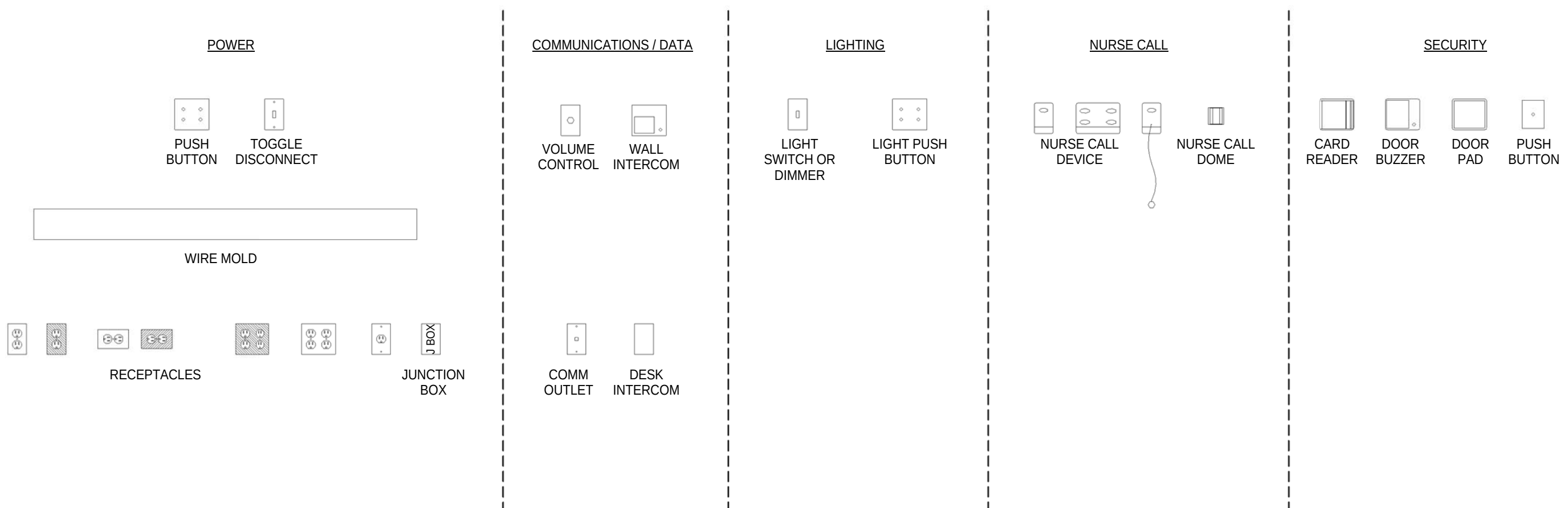
10 LOBBY - RECEPTION FRONT
3/8" = 1'-0"



11 LOBBY DISPLAY CASE
3/8" = 1'-0"



12 WATER FOUNTAIN
3/8" = 1'-0"



WALL DEVICES LEGEND

CASEWORK NOTES

1. ARCHITECT SHALL BE NOTIFIED OF DISCREPANCIES BETWEEN DIMENSIONS ON ELEVATIONS AND DIMENSIONS ON CASEWORK SECTIONS. ALL DISCREPANCIES SHALL BE RESOLVED PRIOR TO FABRICATION.
2. ALL DRAWERS NOTED FOR FILE HANGER RAIL SHALL HAVE AN INSIDE CLEAR DISTANCE (WIDTH) OF 1'-1" FOR LETTER FILES AND 1'-4" FOR LEGAL FILES.
3. ALL COUNTERTOPS SHALL HAVE BACKSLASHES AND SIDESPLASHES UNLESS NOTED OTHERWISE. ALL BACK AND SIDE SPLASHES SHALL HAVE A SCRIBE.
4. ALL EXPOSED OUTSIDE CORNERS OF COUNTERTOPS SHALL BE RADIUS (2" MIN.-3" MAX.).
5. CONSTRUCT CABINETS TO ACCOMMODATE FIELD INSTALLATION OF ELECTRICAL, COMMUNICATION, AND OTHER DEVICES INTEGRAL WITH CASEWORK.
6. PLAM JOINTS SHALL BE AVOIDED WHERE EVER POSSIBLE. WHERE NOT POSSIBLE LOCATE JOINTS SYMMETRICALLY ABOUT PANELS.
7. EDGE BAND SURFACES IN PROPER ORDER TO MINIMIZE WATER INFILTRATION AND NUMBER OF EXPOSED JOINTS.
8. USE DARK ADHESIVE WITH DARKER LAMINATE COLORS.
9. SEE SHEET FOR TYPICAL PLAM SOFFIT DETAIL.
10. SEAL ALL EDGES, HIDDEN AND EXPOSED, TO LIMIT MOISTURE.
11. ALL CASEWORK BODIES & SOFFITS TO BE PLAM-1 UNLESS NOTED OTHERWISE.

DETAIL NOTES: (SEE A7-17 FOR ADDITIONAL DETAILS)

CAP #1: FRY REGLET, J MOLD
CAP #2: SCHLUTER, SCIENCE

CORNER #1: FRY REGLET CORNER KEY
CORNER #2: SCHLUTER, RONDEC

ACCENT #1: FRY REGLET 1/4" CHANNEL SCREED
ACCENT #2: 3/8" ROUTED REVEAL PAINTED BLACK



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Contractor:



Client:

YORK GENERAL HEALTH CARE SERVICES

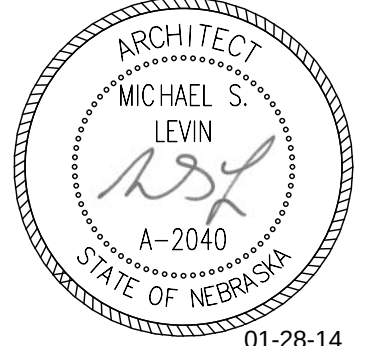
Project Title:

HOSPITAL ADDITION AND REMODEL

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1	02/25/2014	Addm No.1

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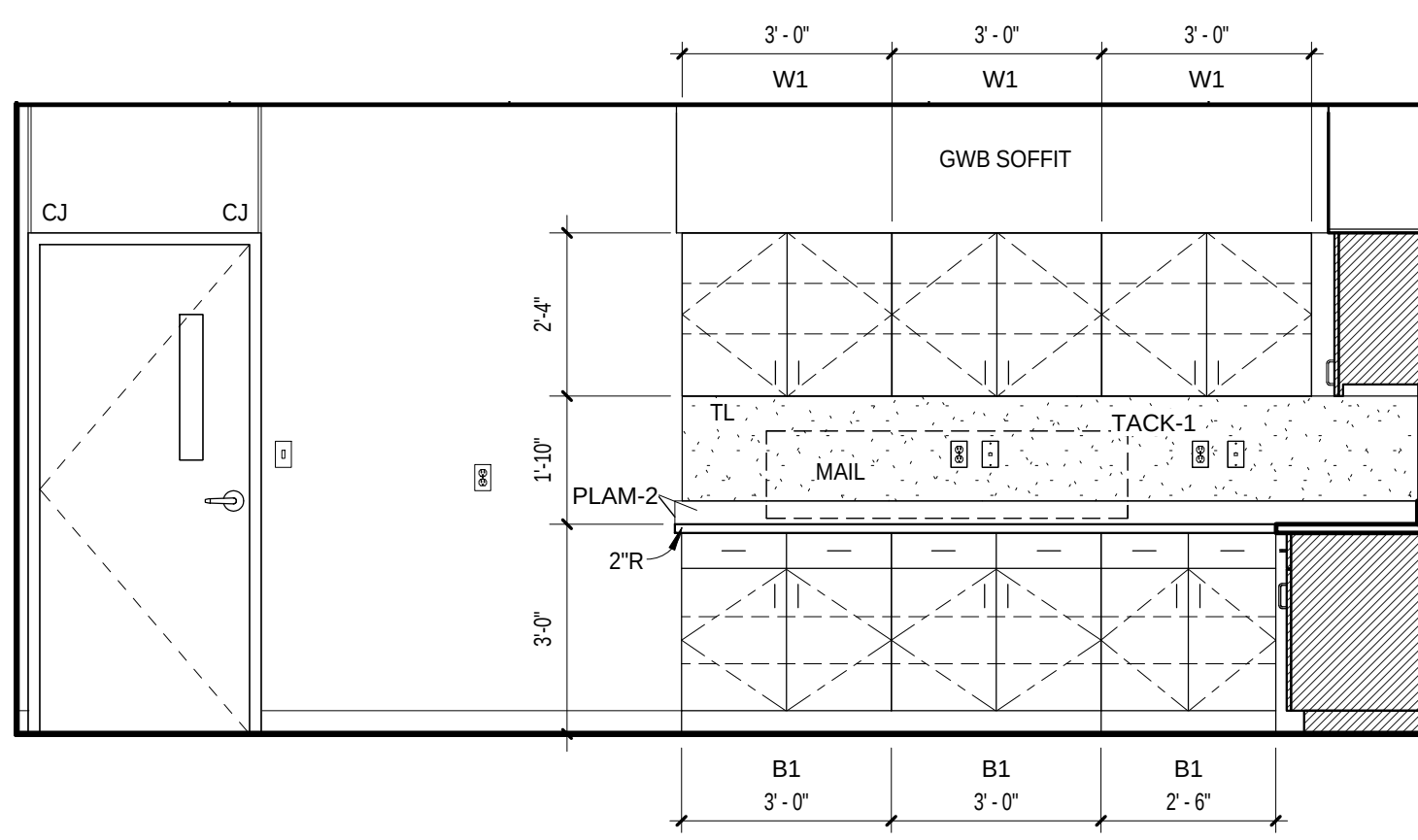
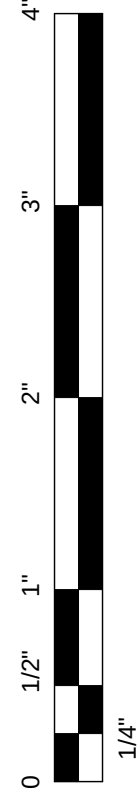
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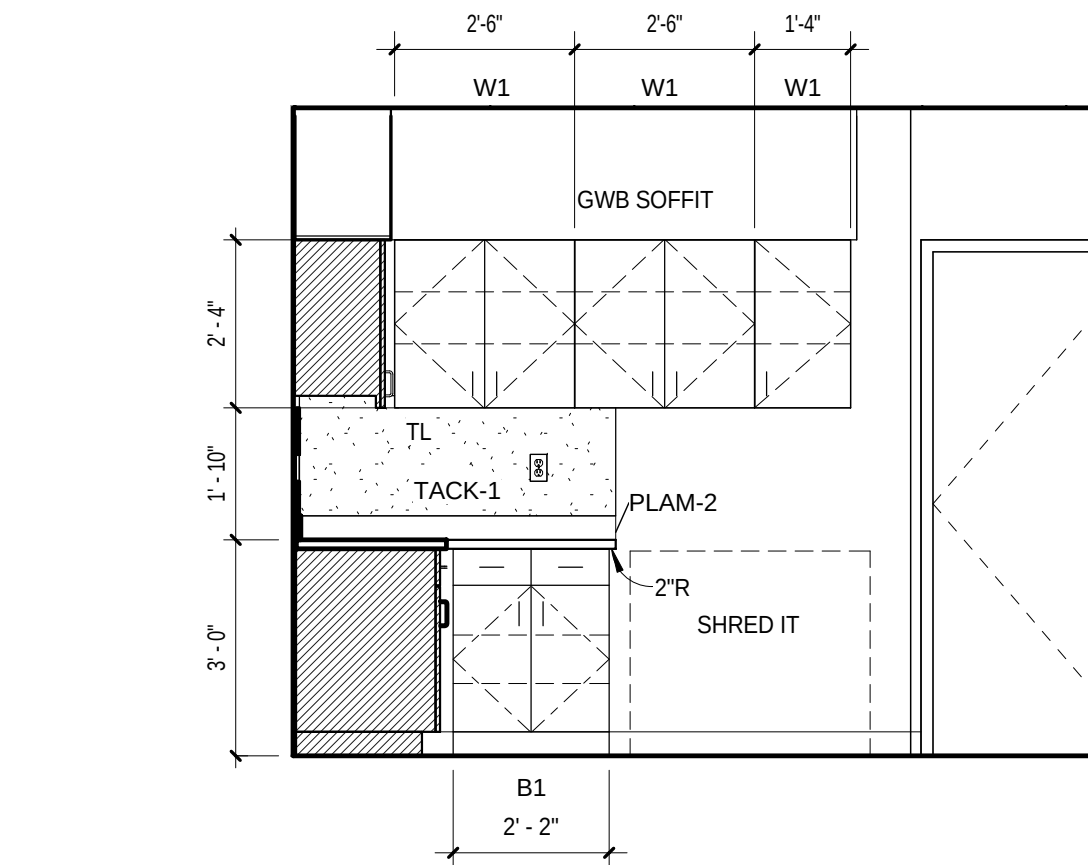
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**LOBBY
ELEVATIONS**

Sheet Number:

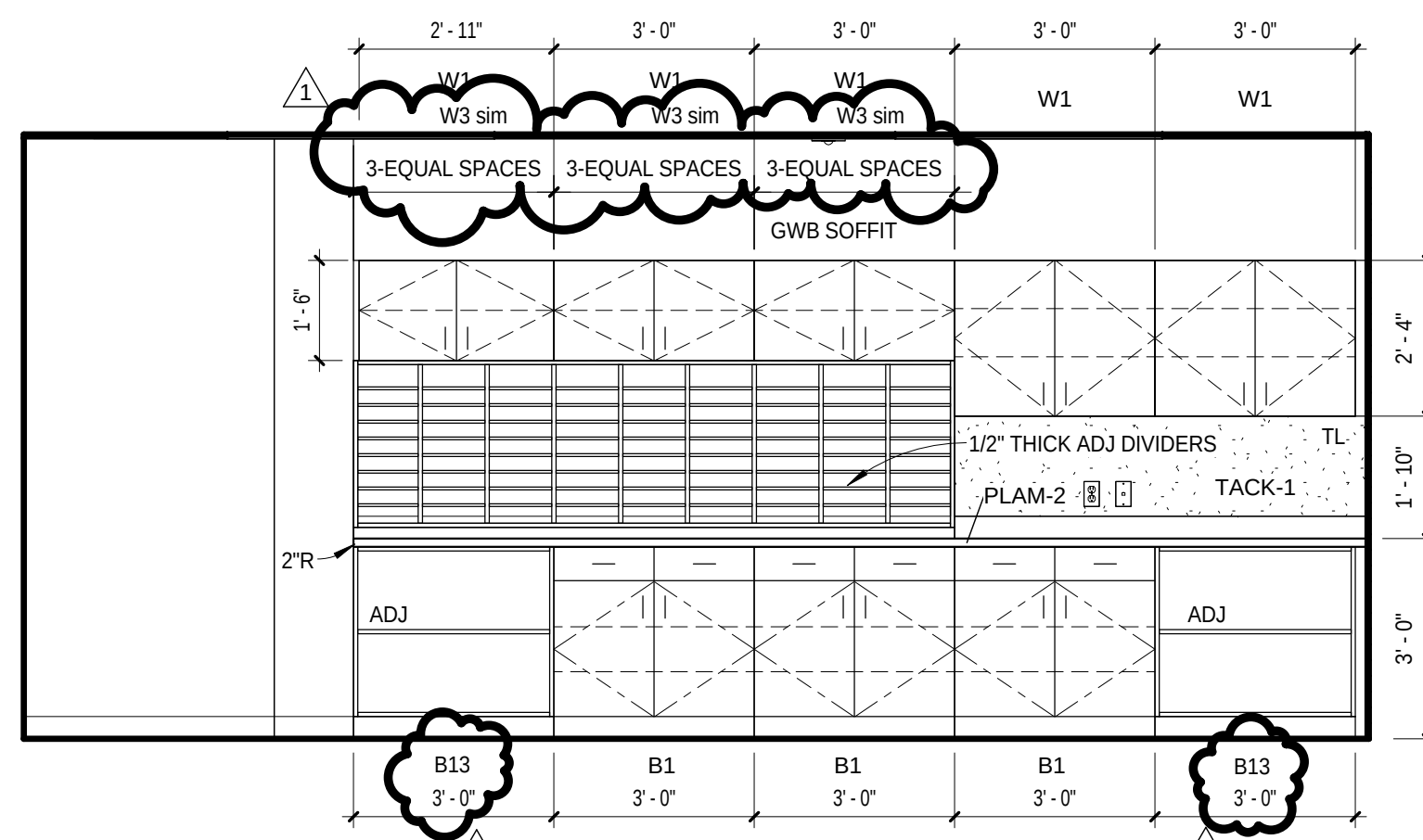
A7-1



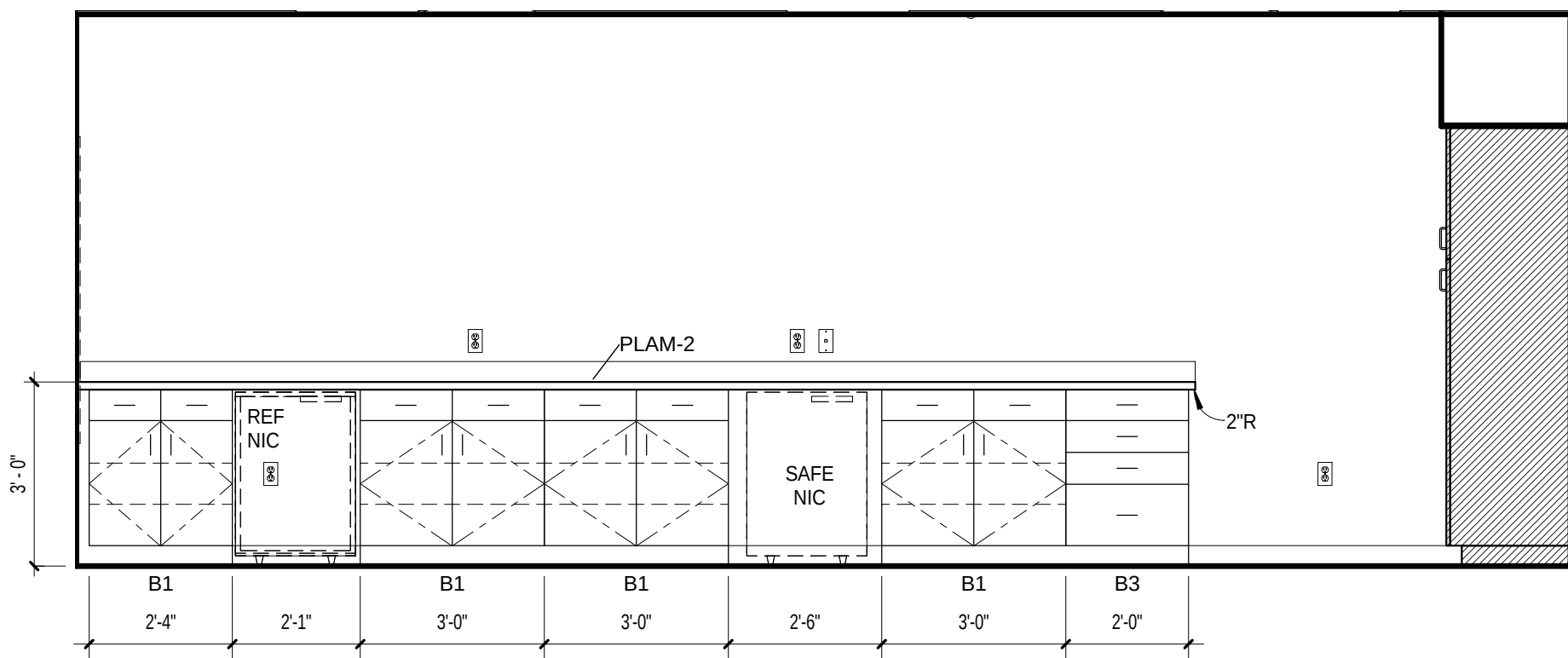
1 MAIL ROOM A
A7-3 3/8" = 1'-0"



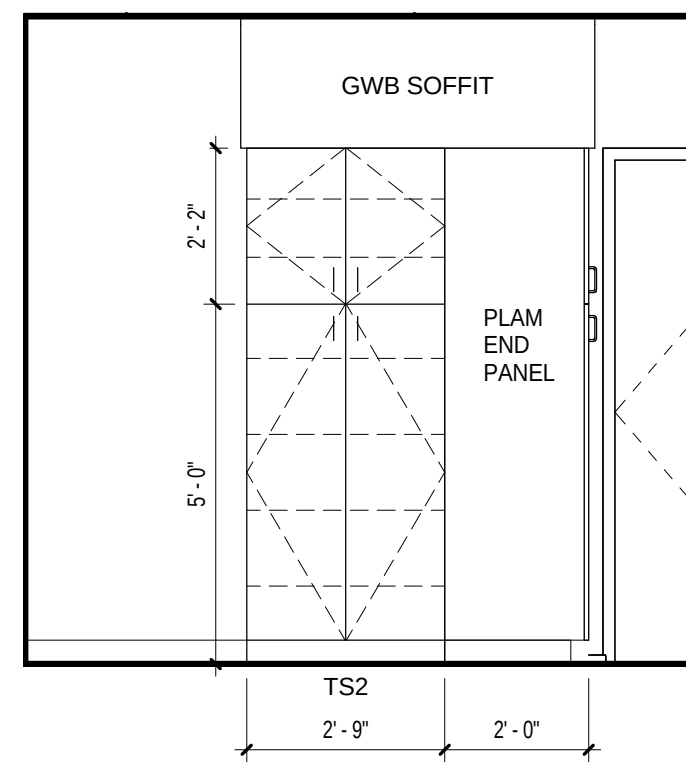
2 MAIL ROOM B
A7-3 3/8" = 1'-0"



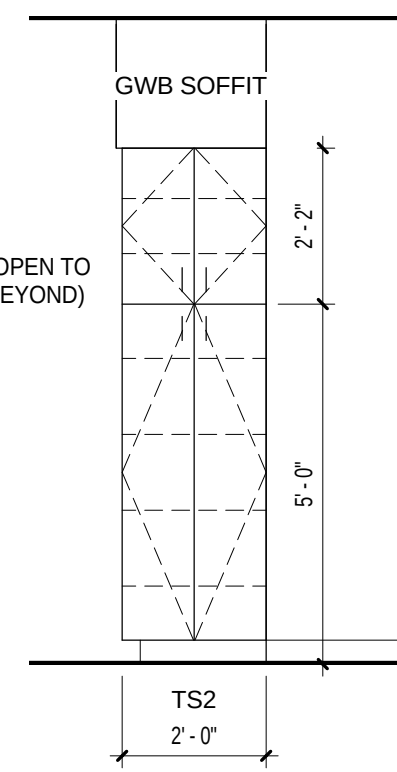
3 MAIL ROOM C
A7-3 3/8" = 1'-0"



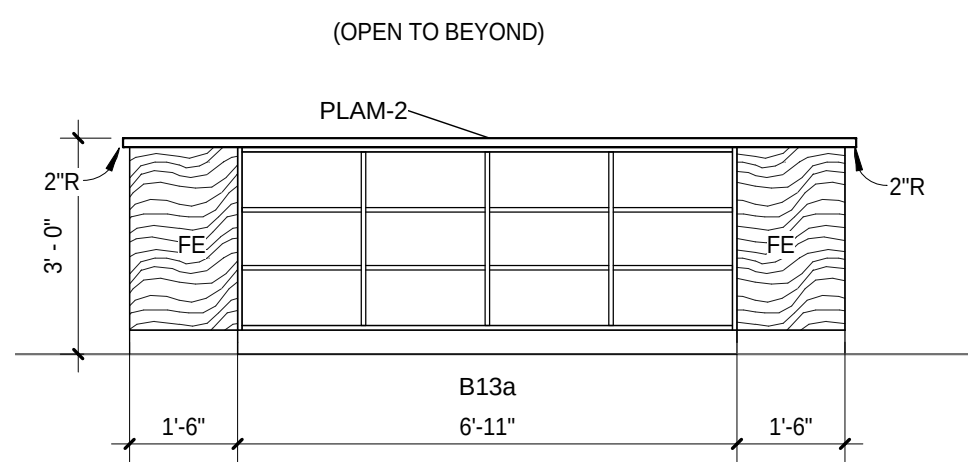
4 ADMIN WORKROOM A
A7-3 3/8" = 1'-0"



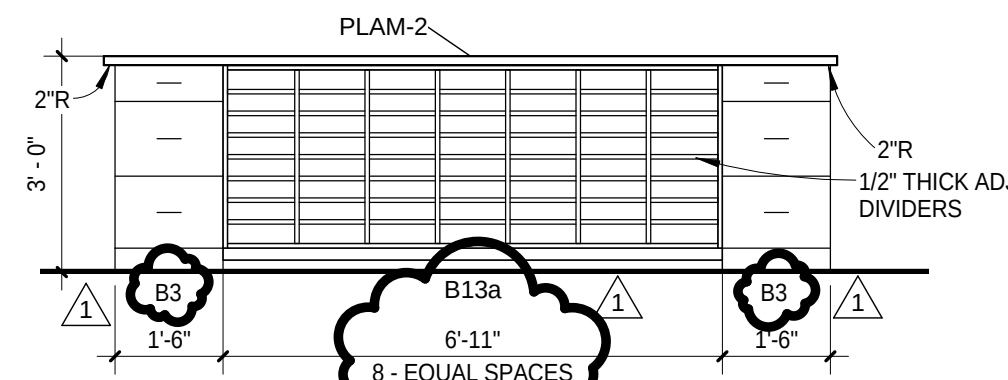
5 ADMIN WORKROOM B
A7-3 3/8" = 1'-0"



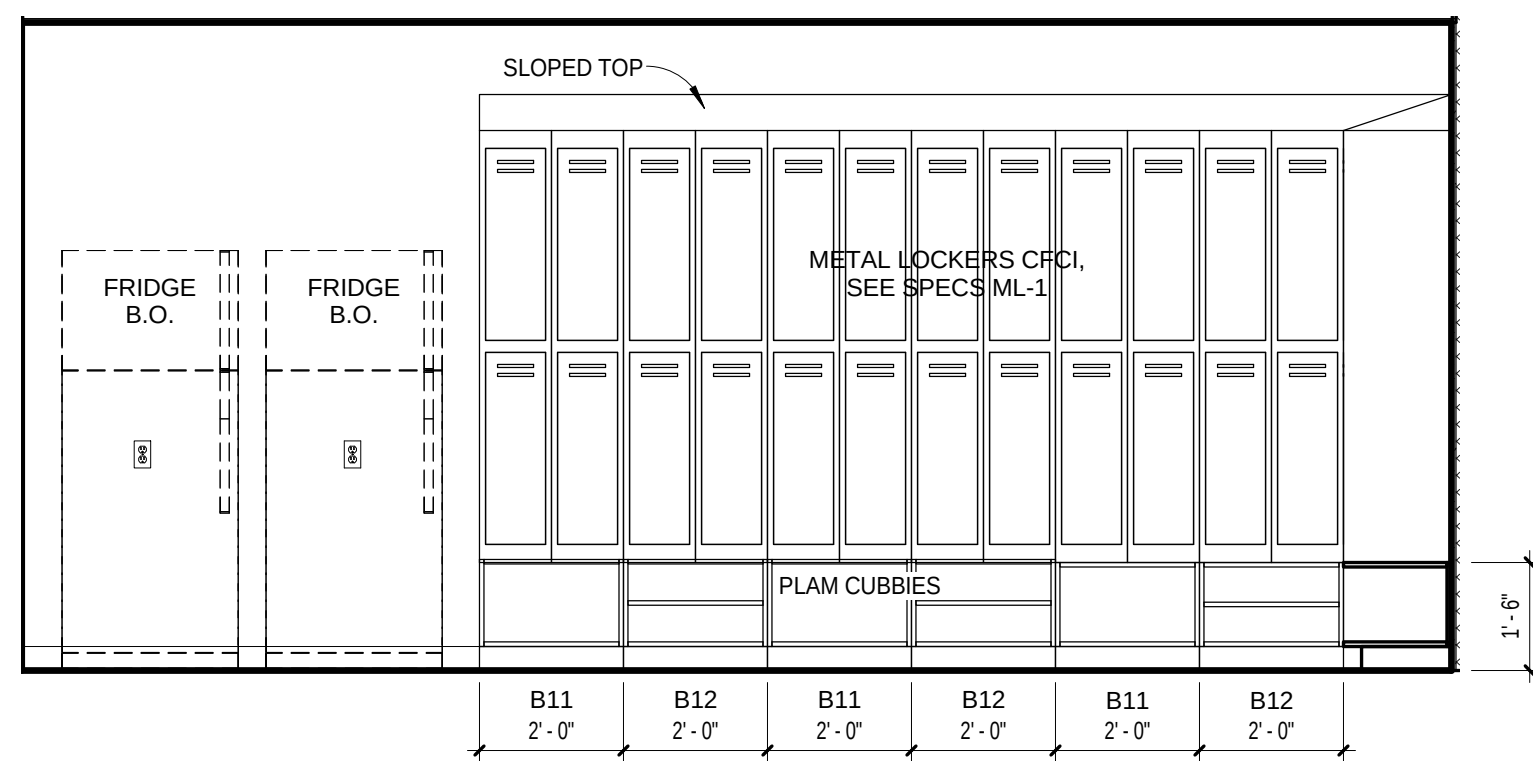
6 ADMIN WORKROOM END PANEL
A7-3 3/8" = 1'-0"



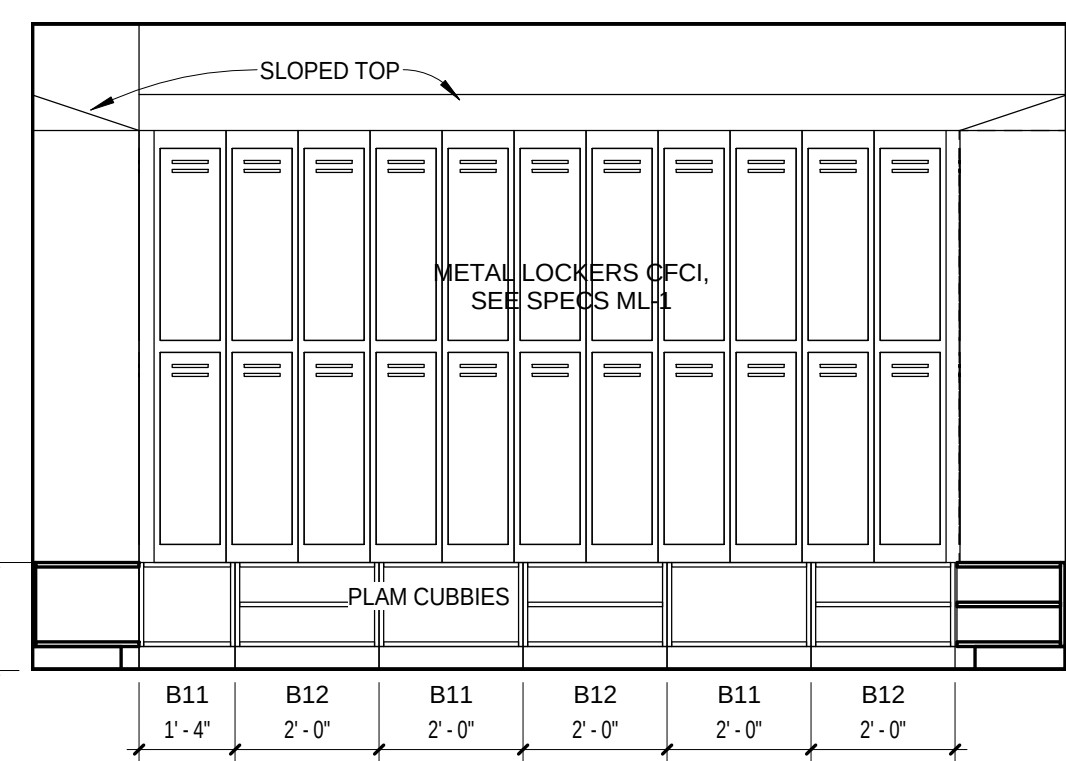
7 ADMIN WORKROOM C
A7-3 3/8" = 1'-0"



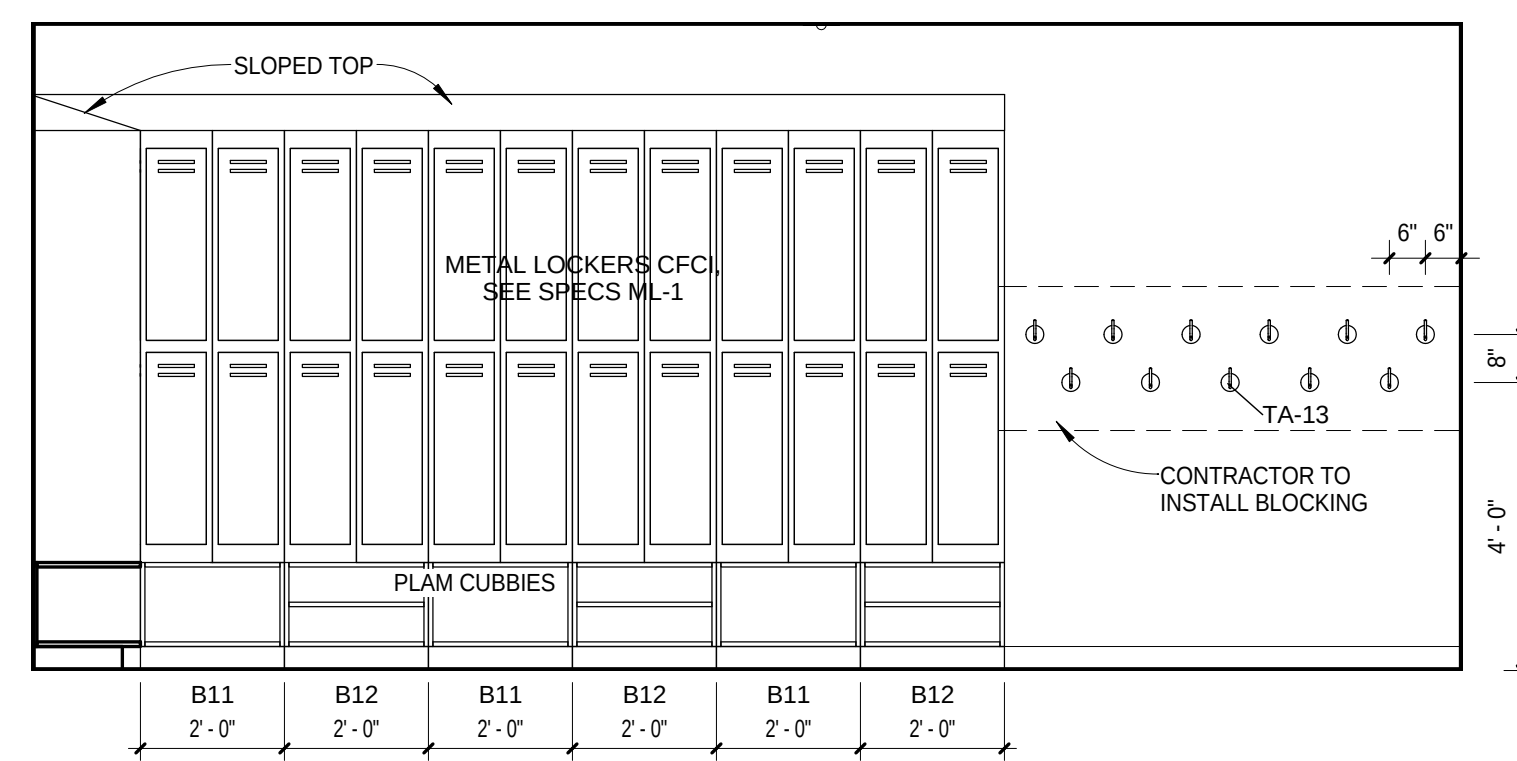
8 ADMIN WORKROOM D
A7-3 3/8" = 1'-0"



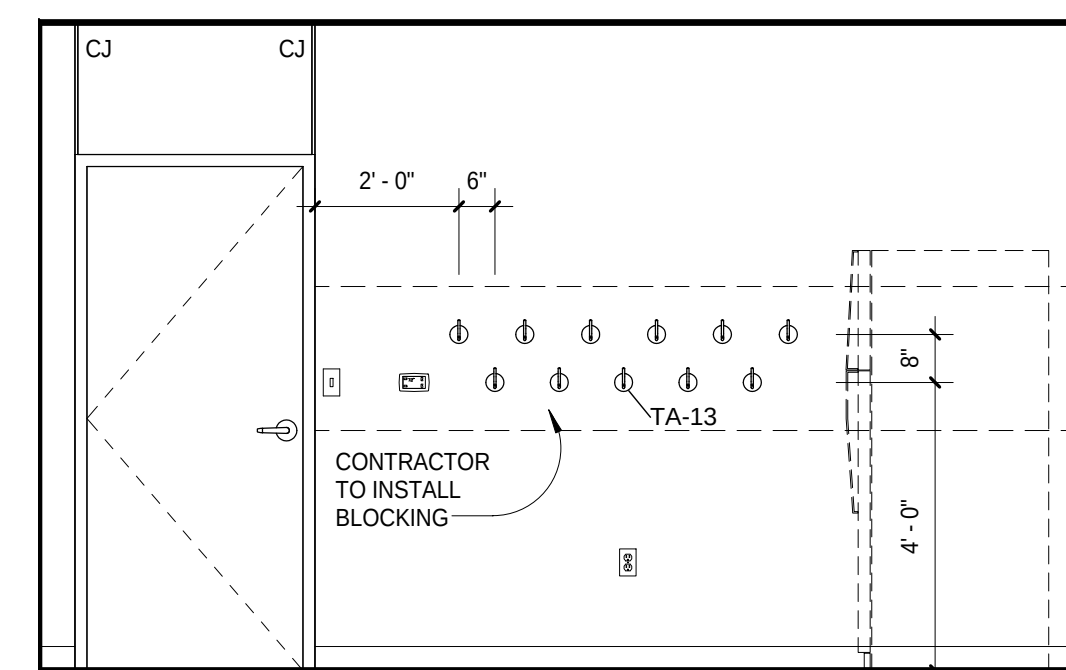
9 LOCKER ROOM A
A7-3 3/8" = 1'-0"



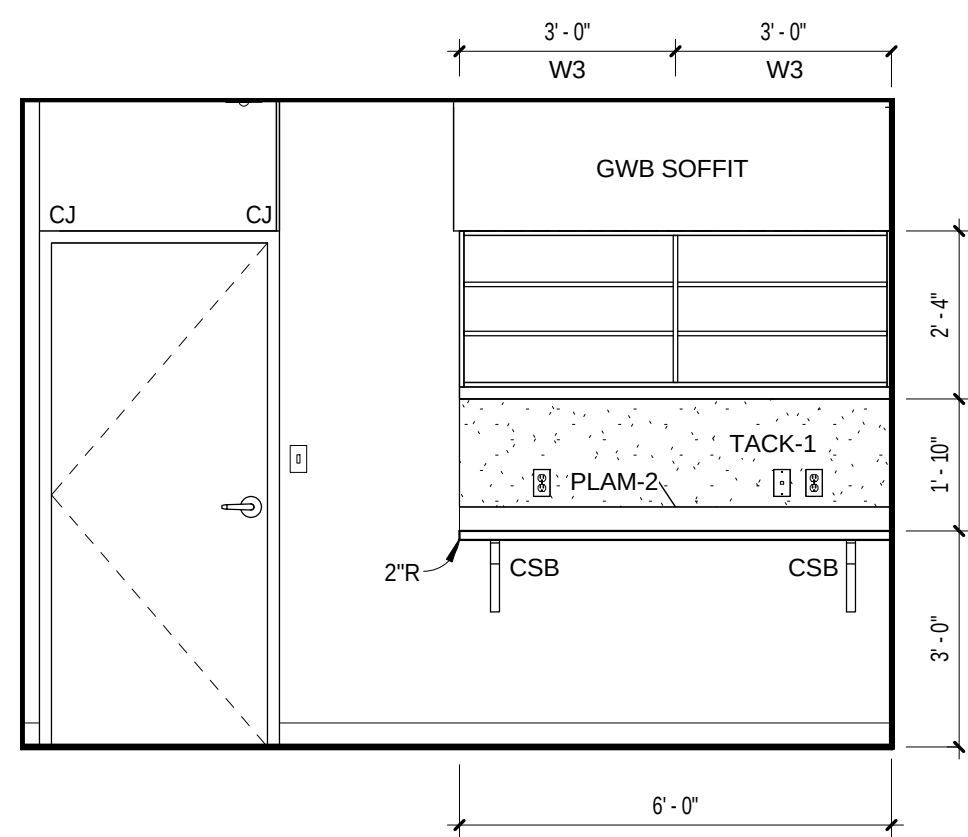
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A7-3 3/8" = 1'-0"



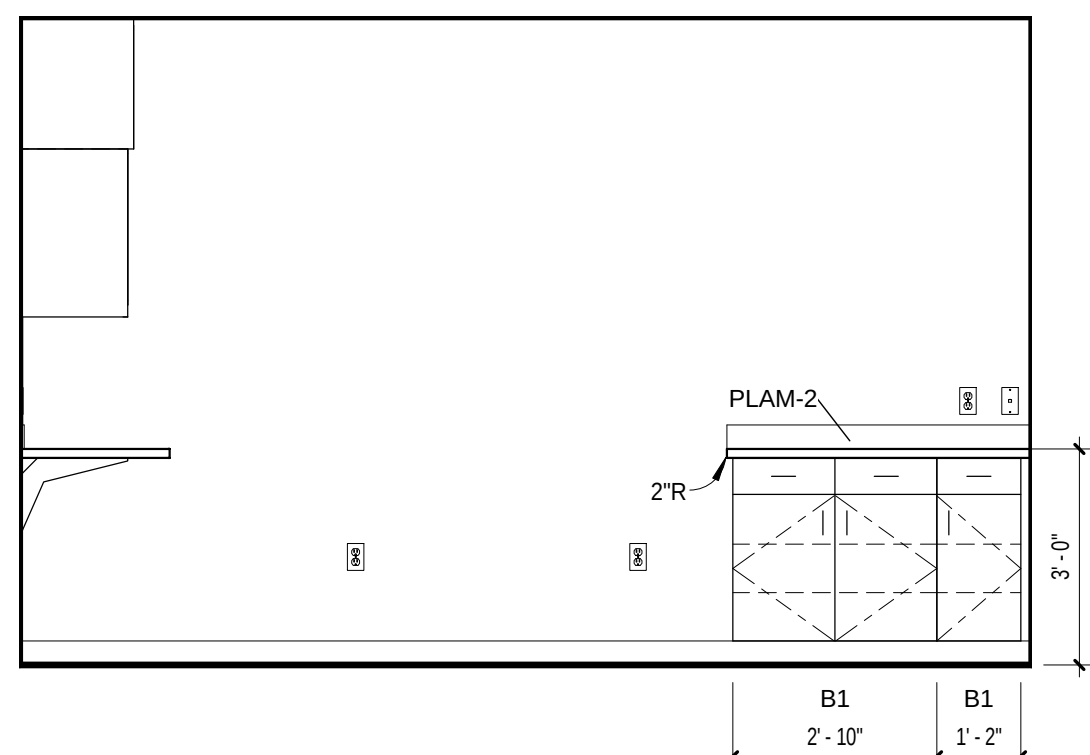
11 LOCKER ROOM C
A7-3 3/8" = 1'-0"



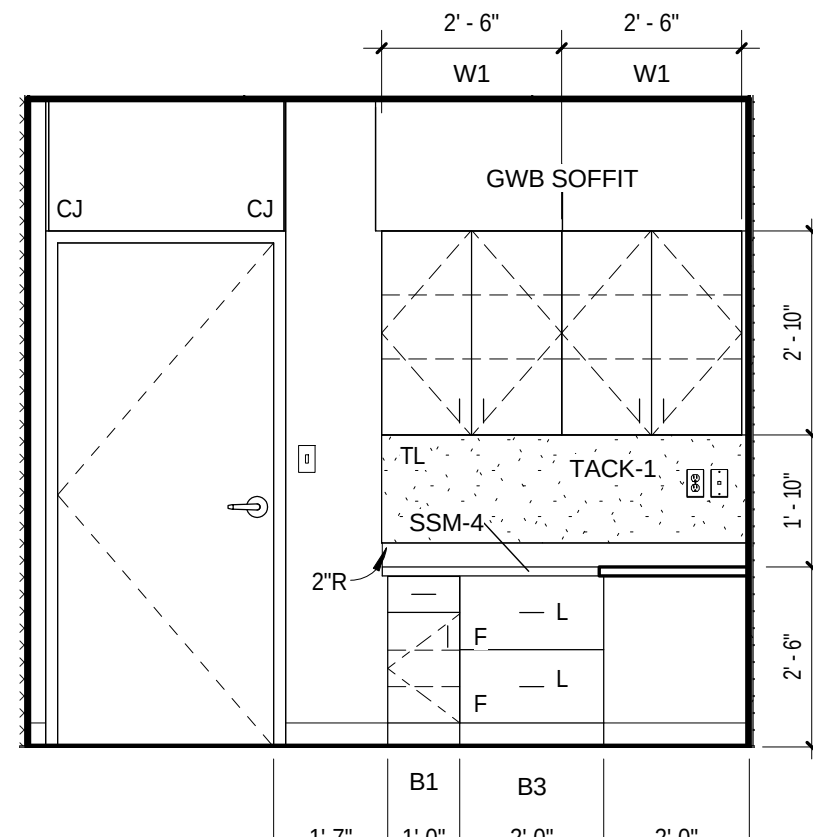
12 LOCKER ROOM D
A7-3 3/8" = 1'-0"



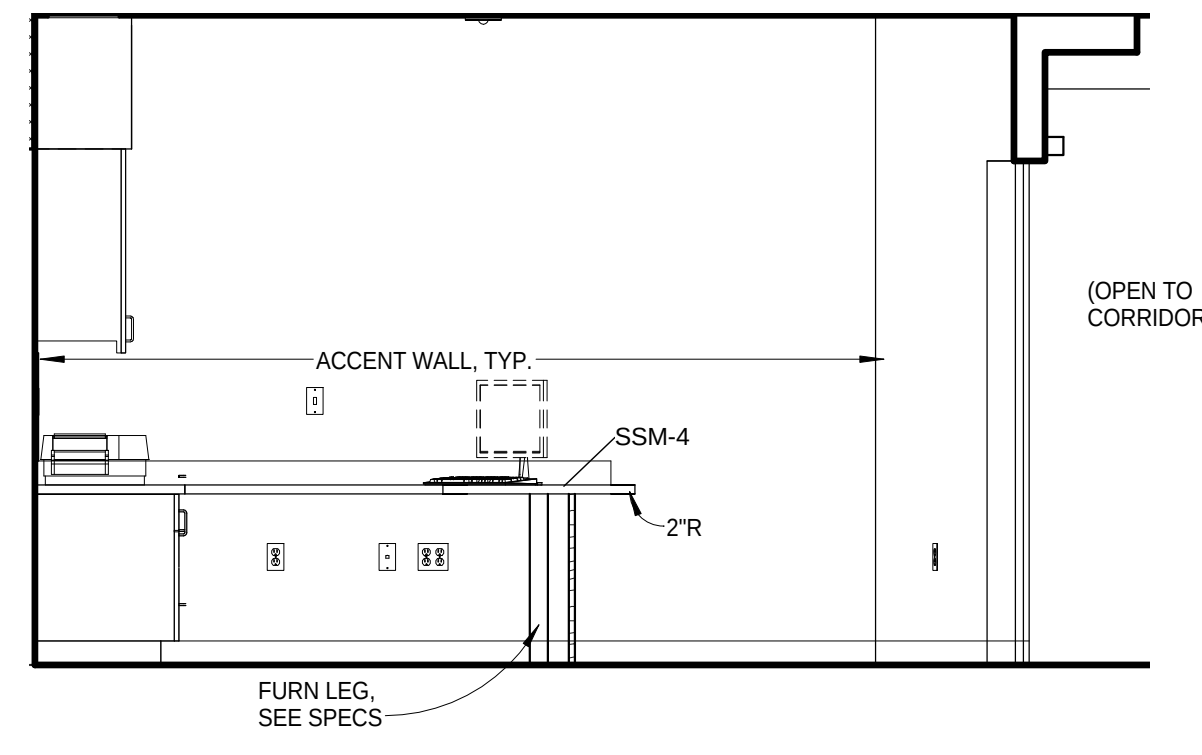
13 PCP TESTING - A
A7-3 3/8" = 1'-0"



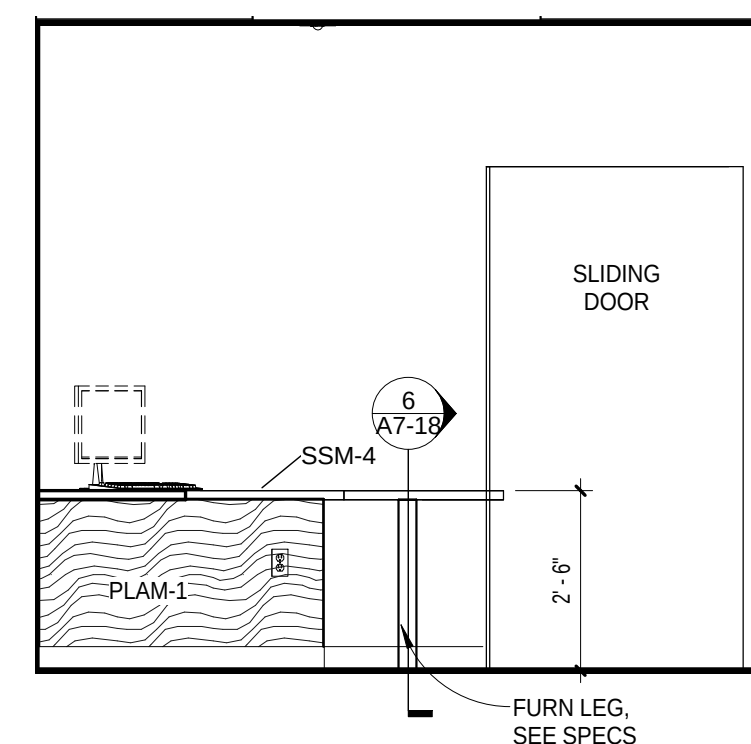
14 PCP TESTING ROOM - B
A7-3 3/8" = 1'-0"



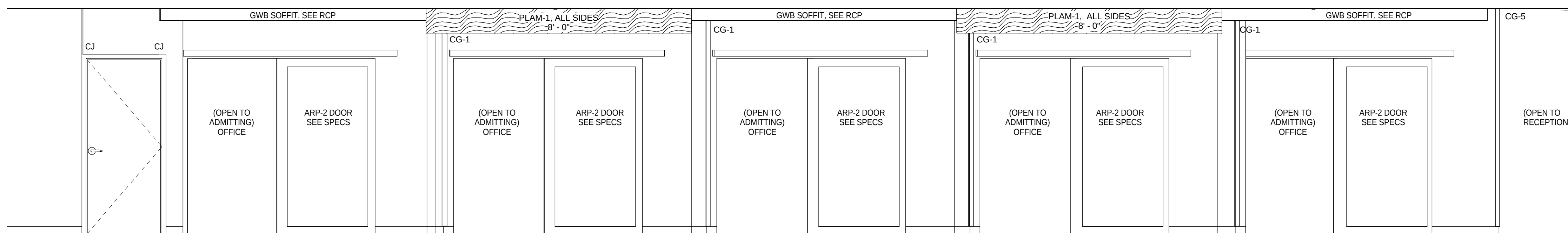
15 ADMITTING A
A7-3 3/8" = 1'-0"



16 ADMITTING B
A7-3 3/8" = 1'-0"



17 ADMITTING C
A7-3 3/8" = 1'-0"



18 ADMITTING HALLWAY
A7-3 3/8" = 1'-0"



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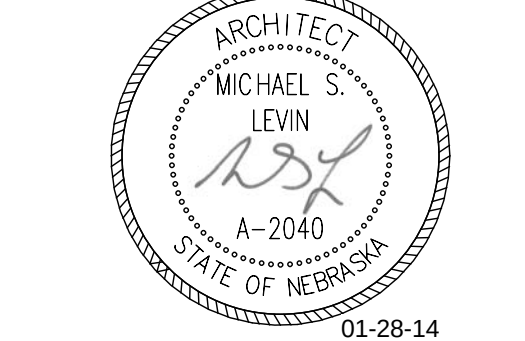
YORK GENERAL HEALTH CARE SERVICES

Project Title: HOSPITAL ADDITION AND REMODEL

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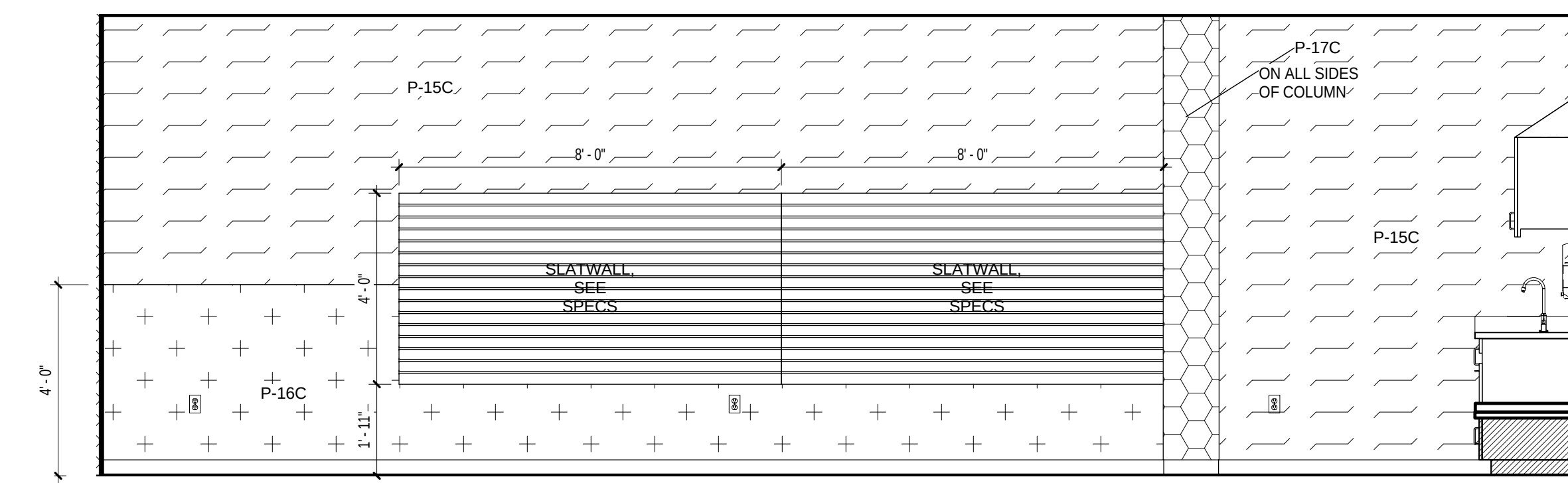
Project Number:
24902

Date:
01/28/2014

Sheet Title:
**ADMITTING
ELEVATIONS**

Sheet Number:

A7-3



1st FLOOR

TA-6 MIRROR

16'-0"

16'-0"

3'-0"

2'-0"

F.V.

SLATWALL
SEE
SPECS

Architectural drawing of a kitchen island layout. The island is 2'-4" wide and 3'-0" deep. It features a "PLUM SLANT TOP" section, a "TA-5" sink, a "TA-2" countertop, and a "TRASH" bin. A "CUSHION, F-2" is shown on the right side. The island is labeled with "SSM-2" and "Z'R". The drawing includes dimensions for the island and the surrounding space.

Floor plan diagram of a room. The room contains an Exam Bed, an SSM-2, a TL, and a GWB SOFFIT. Dimensions are indicated: 2'-0" for the width of the top section, 8'1" for the total length, and 1'-10" for the height of the right section. A door is labeled 'D'.

Figure 1: Plan view of the kitchen layout. The layout shows a kitchen area with a sink (SK-1), stove (TS-2), refrigerator (FRIDGE BY OWNER), and various cabinets (B1, B5). Dimensions are provided for the overall kitchen (1'-6" x 2'-4"), the sink area (2'-0" x 2'-10"), and the stove area (2'-4" x 1'-8"). A rack on the door is labeled "RACK ON DOOR SIM TO PANTRY (CFC2)". A GWB soffit is indicated above the sink area. A TA-5 unit is shown above the sink, and a TA-2 unit is shown above the refrigerator. A 2'R unit is shown below the refrigerator.

Technical drawing of a cabinet section showing internal components and dimensions. The drawing includes labels for various parts and their dimensions:

- CG-5**: Cabinet Grille, top left.
- CG-1**: Cabinet Grille, top center.
- CG**: Cabinet Grille, top right.
- W1**: Width dimension, 3'-0" (three feet).
- W1**: Width dimension, 3'-0" (three feet).
- W1**: Width dimension, 3'-0" (three feet).
- GBS SOFFIT**: GBS Soffit, top center.
- Z-4"**: Depth dimension, 4 inches.
- 1-3/4"**: Depth dimension, 1 and three-quarters inches.
- 3'-0"**: Depth dimension, 3 feet.
- B1**: Bottom component, bottom center.
- ONE DRAWER**: Label for the bottom component.
- Z-0"**: Depth dimension, 0 inches.
- SSM-4**: SSM-4, top right.
- 2'R**: 2 feet, top right.
- B1**: Bottom component, bottom center.

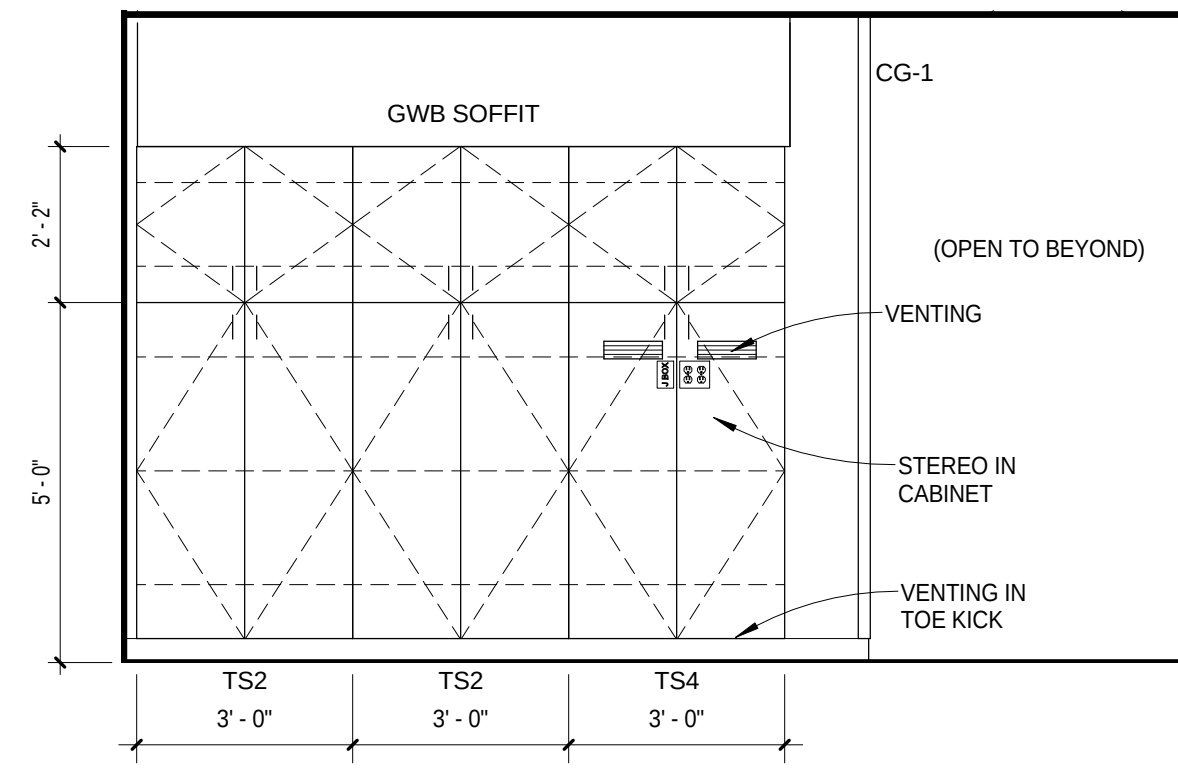
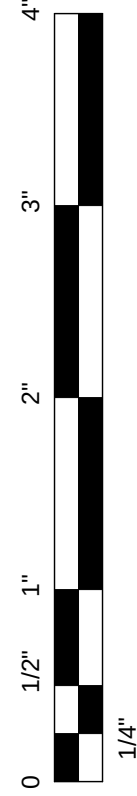
Architectural floor plan of a room with various furniture and fixtures. The plan includes a sofa (S) on the left, a TV (CPQ) on a stand, a coffee table (CT-3), a fireplace (F), a dining table (DT) with chairs, and a kitchen area with a sink (SINK) and cabinets. Dimensions are provided for the room and individual pieces of furniture. Callouts include "CAP #1", "ACCENT #1", "SSM-4", "PLAM-1", "PENDANTS, SEE ELEC", and "GWB SOFFIT, SEE RCP". A note "EQ EQ" is at the top right. A scale bar at the bottom indicates 0' to 6'.

Technical drawing of the front elevation of the "Removable Plam Panel" (Figure 1). The drawing shows a wall-mounted unit with a printer, a soffit, and a large open area. Dimensions include a total width of 2'-11 1/2" and a depth of 1'-11 1/2". Components labeled include GWB SOFFIT, PRINTER, B.O., B15B, TACK-1, SSM-4, CSB, and a REMOVABLE PLAM PANEL. A note indicates "(OPEN TO BEYOND)". A section line A-A is shown on the right.

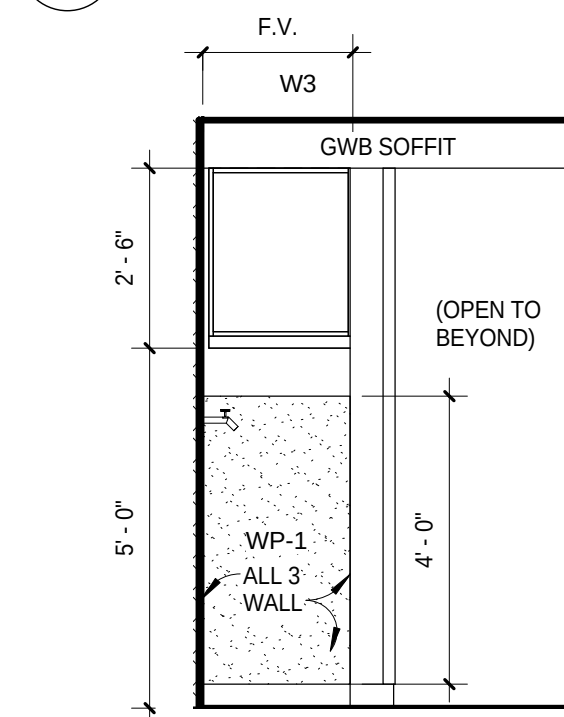
This elevation drawing shows the front of the mobile office unit. At the top, a "GWB SOFFIT, SEE RCP" is indicated. Below this, two pendant lights hang from the ceiling. The main body of the unit features a "REMOVABLE PLAN PANEL" with a hinged "TACK-1" and a "CSB" (Control Switch Box) on the left. The panel is labeled "OPEN TO BEYOND" and has a width of "1'-1 1/2\". To the right of the panel is a "SSM-2" (Storage System Module) with a "TACK-1" and a "CSB". The unit is supported by a base with "F" (Feet) and "L" (Level) indicators. On the far right, there are "FILES B.O." (Files Behind Office) cabinets.

7'-7"		3'-3/8"		4'-8"	
B10	B3	B10	B3		
1'-6"	1'-4"	1'-6"	1'-4"		

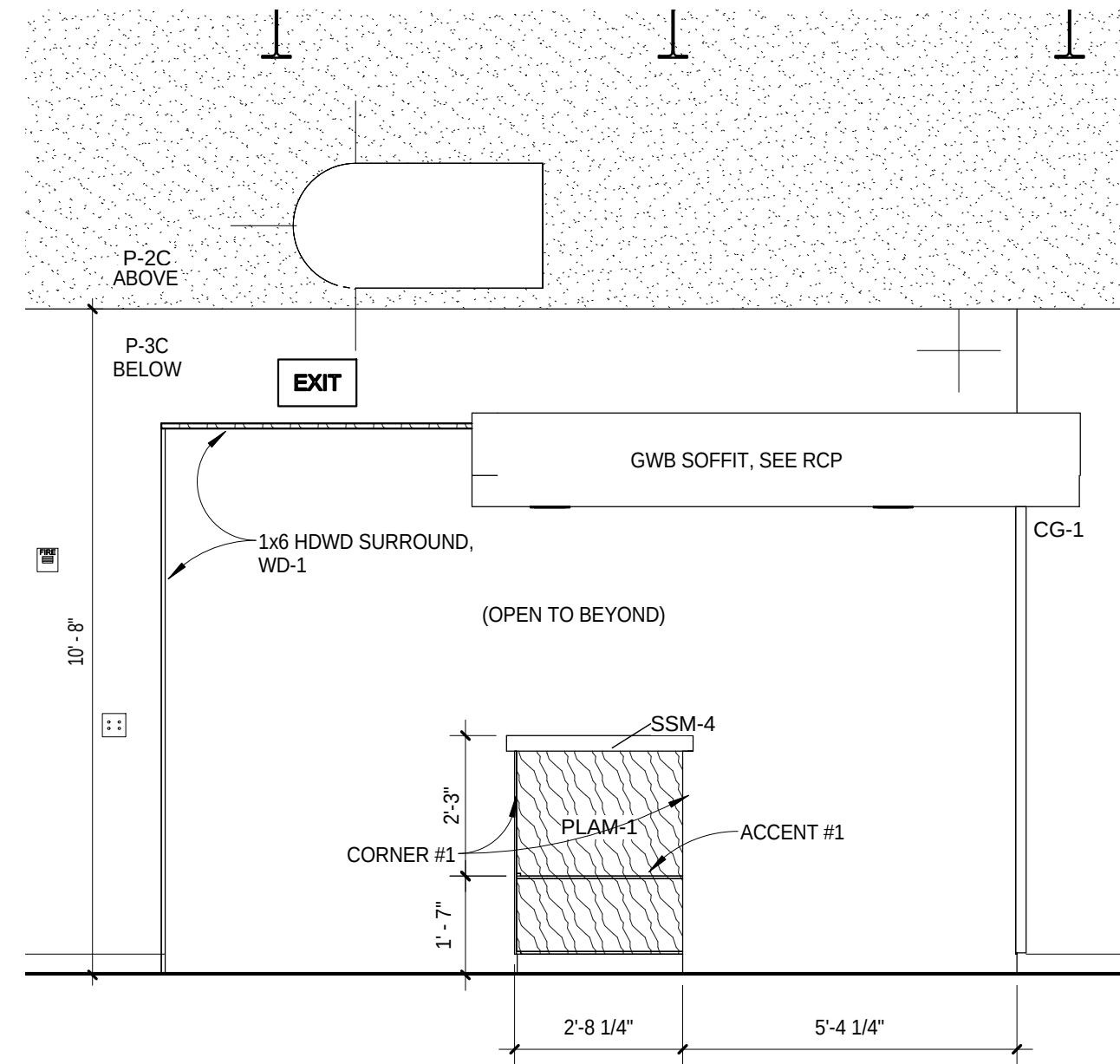
Technical drawing of a window unit. The unit is labeled "W3 SIM" at the top. Below it are three horizontal panes. The unit is labeled "SSM-2" on the left side. The unit is labeled "B1 SIM" at the bottom. The unit is labeled "2'-0\"



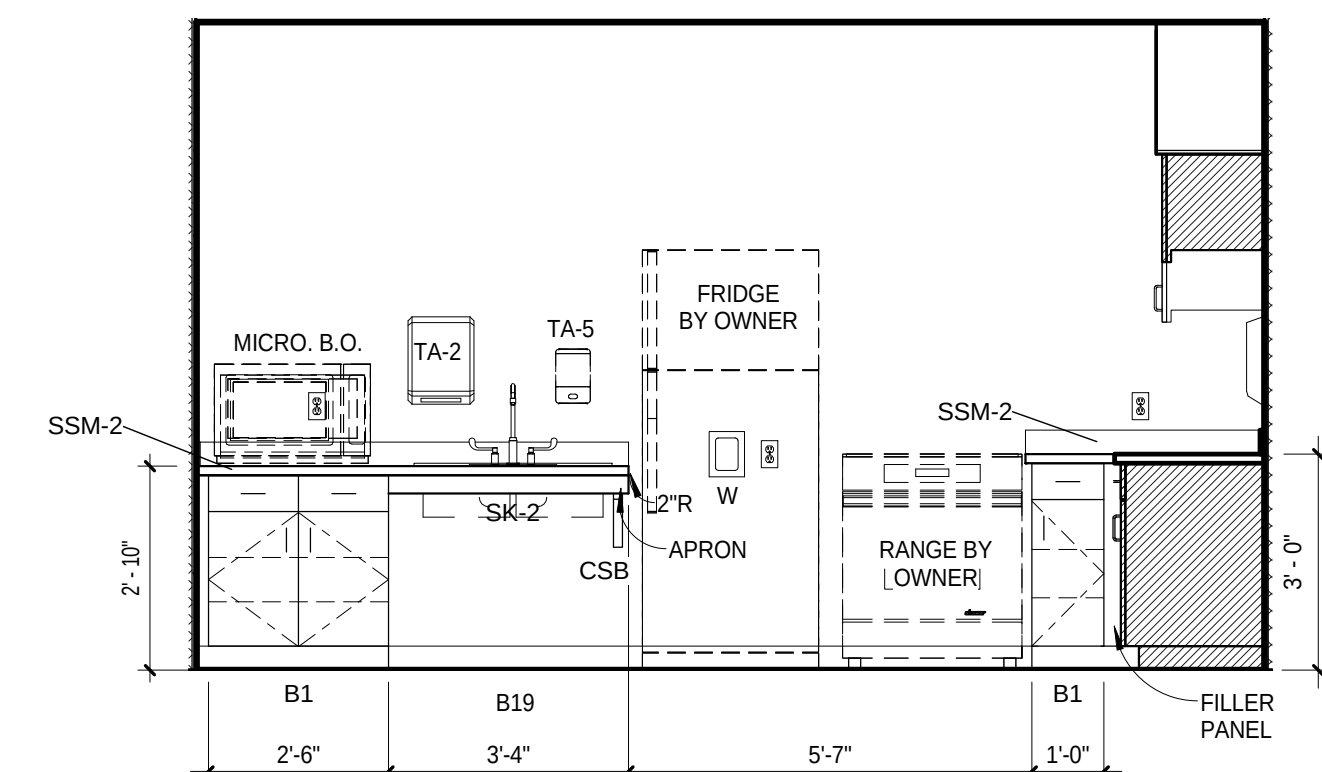
1 PT COPY ROOM C
A7-5 3/8" = 1'-0"



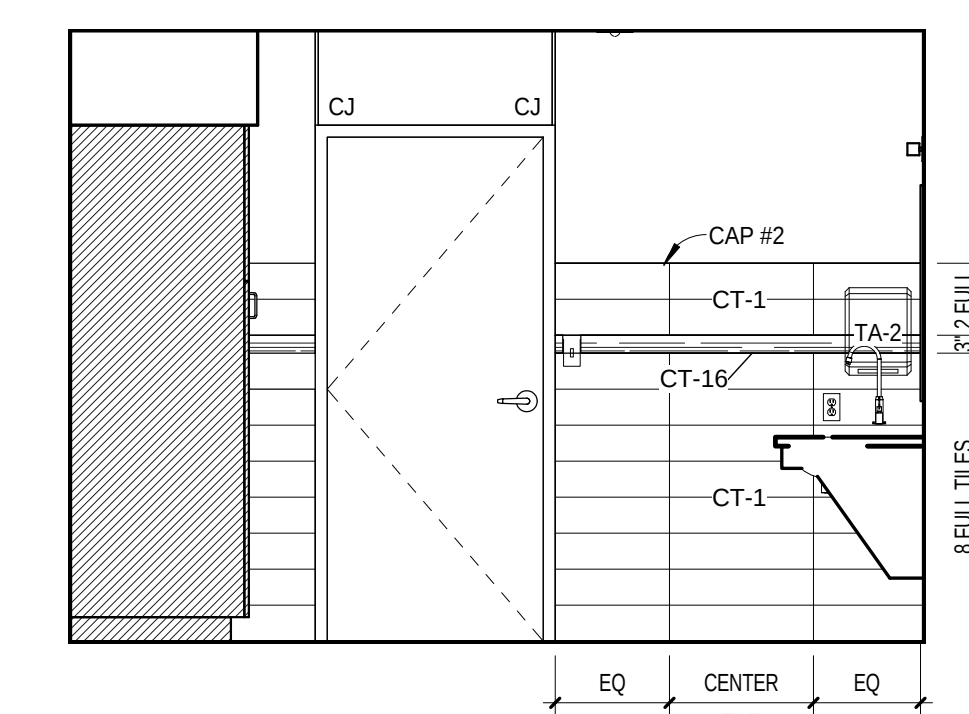
6 TECH WORK SIDE 2
A7-5 3/8" = 1'-0"



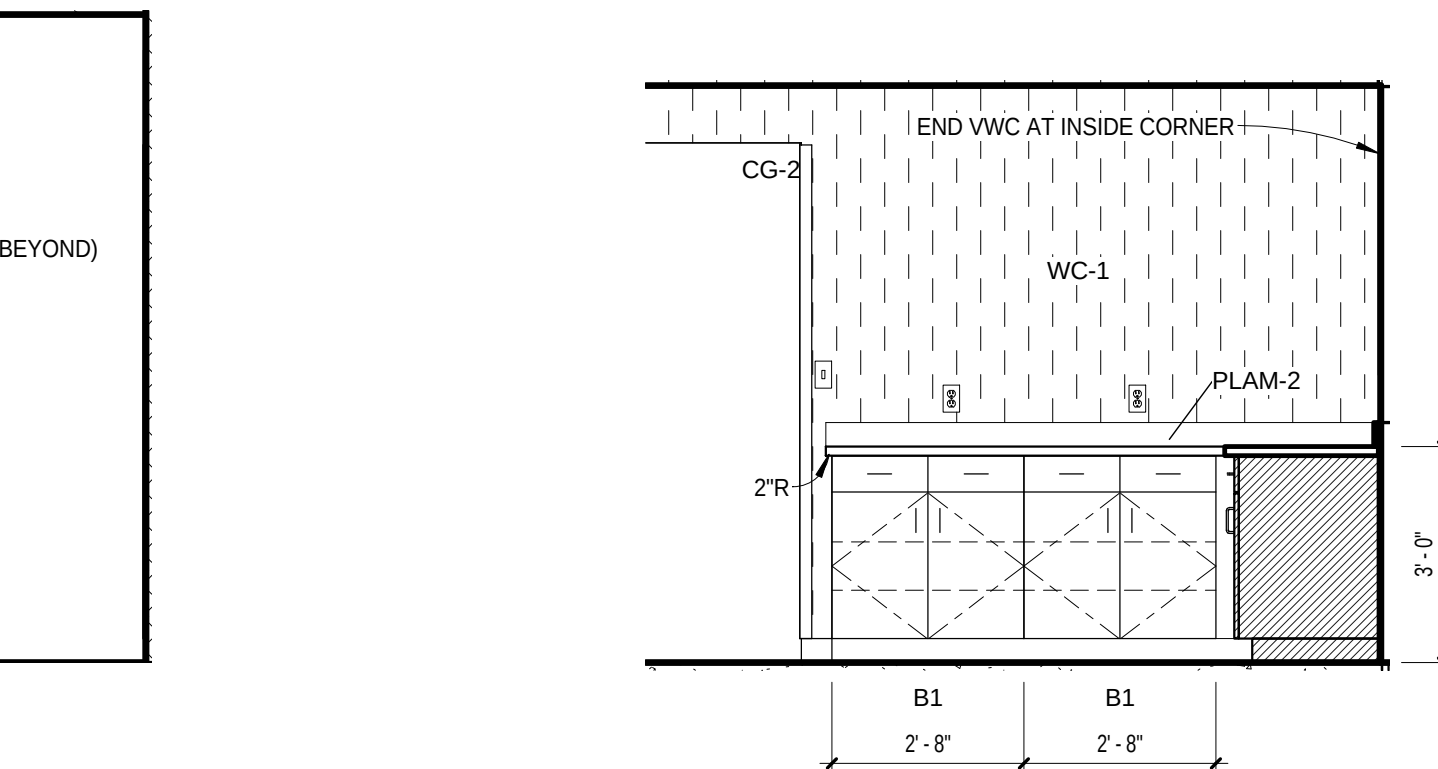
10 PT NURSE STATION END PANEL
A7-5 3/8" = 1'-0"



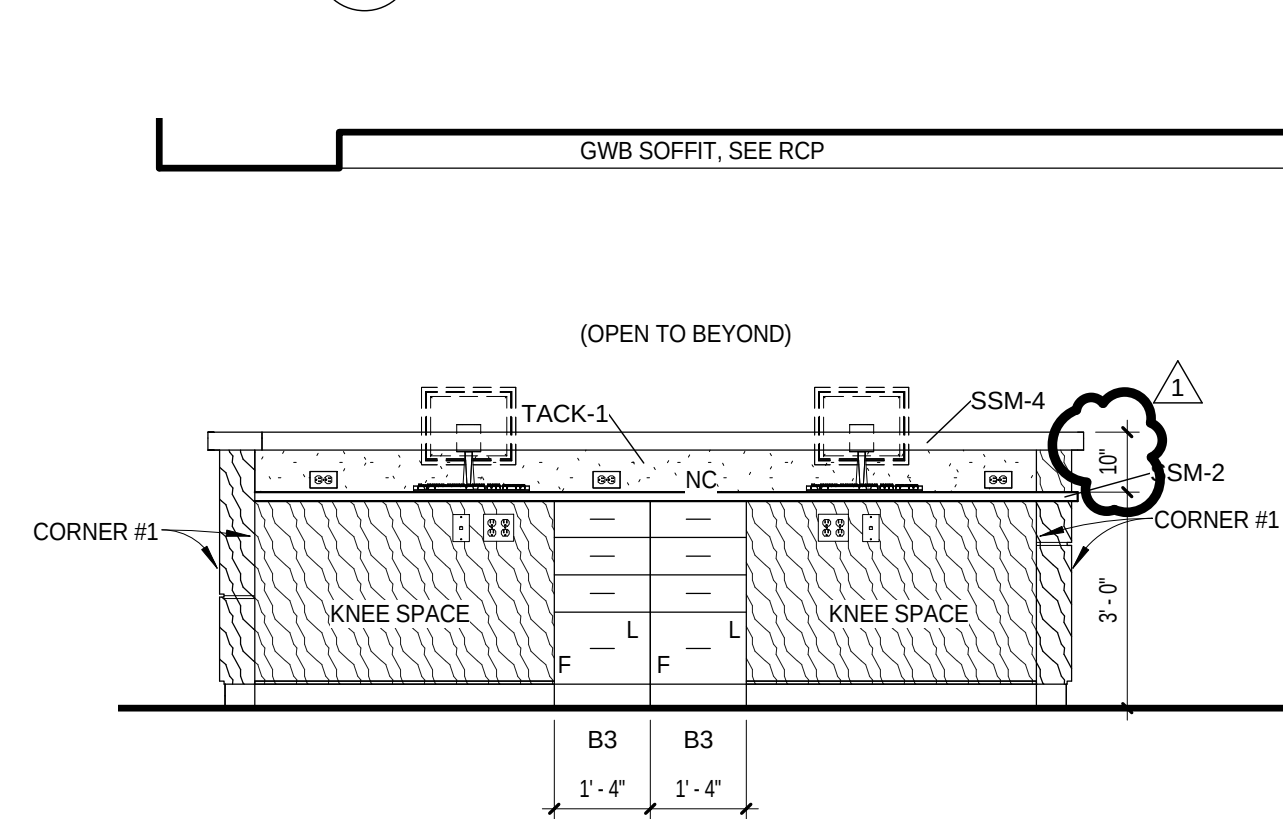
14 PT ADL KITCHEN B
A7-5 3/8" = 1'-0"



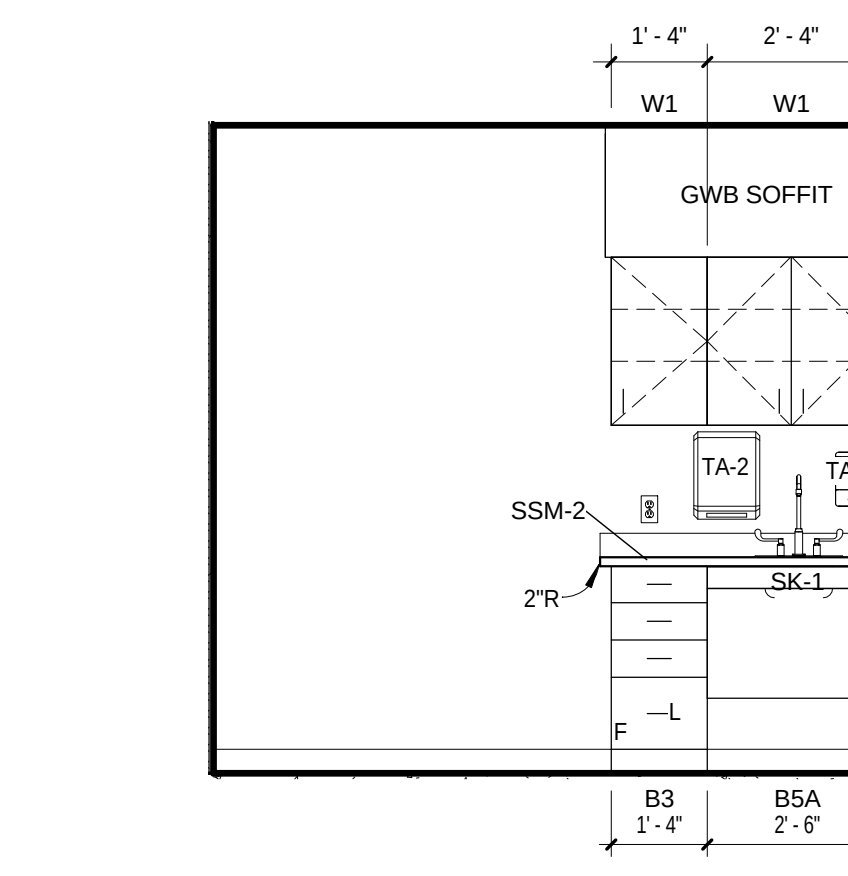
19 ADL TLT - DOOR
A7-5 3/8" = 1'-0"



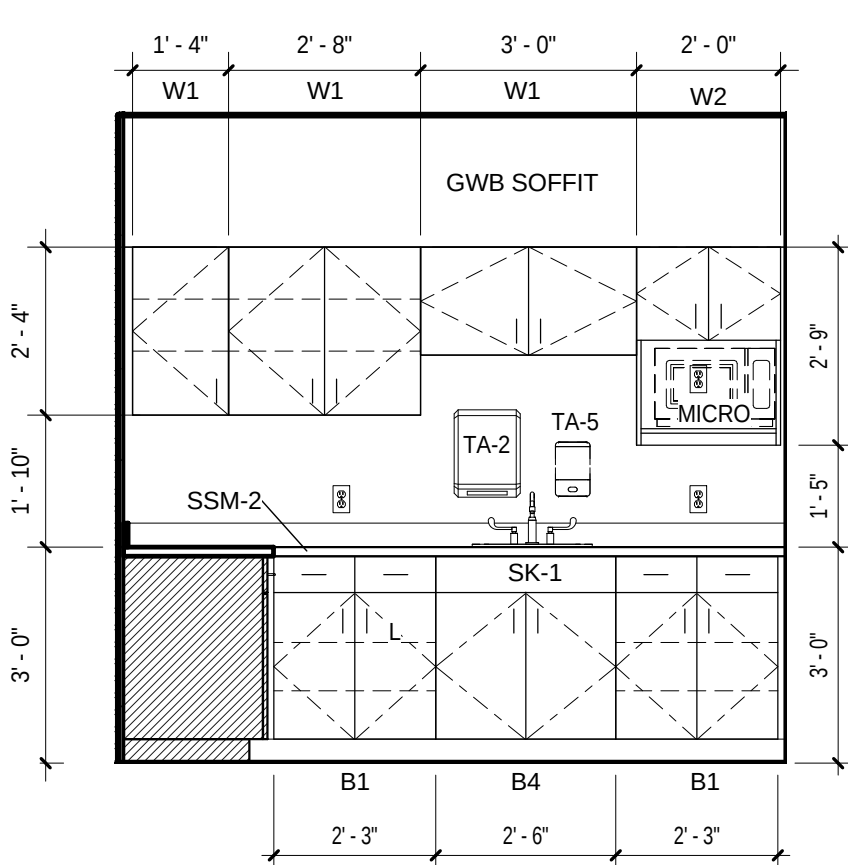
2 PT COPY ROOM A
A7-5 3/8" = 1'-0"



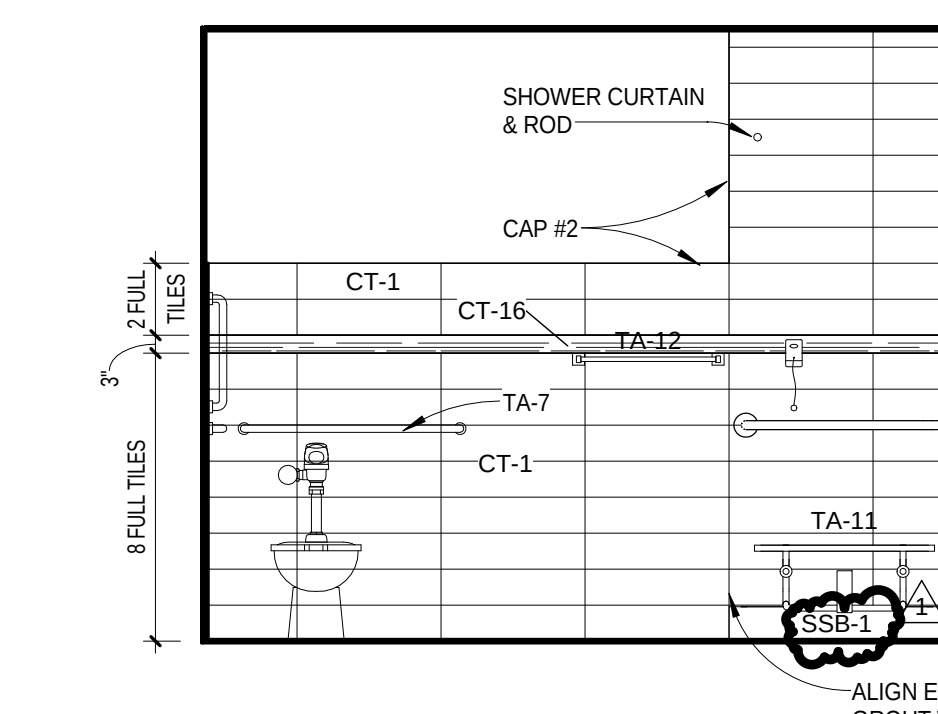
7 PT TECH WORK A
A7-5 3/8" = 1'-0"



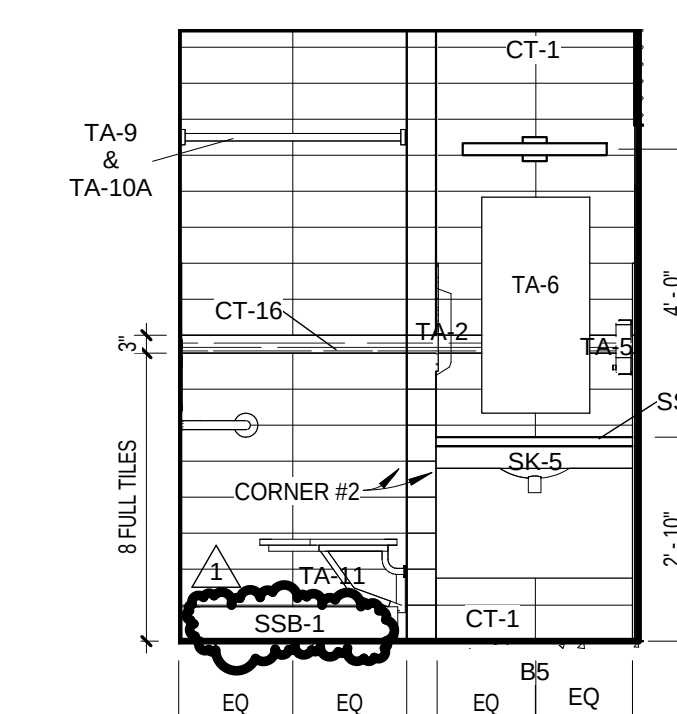
11 PT TREATMENT A
A7-5 3/8" = 1'-0"



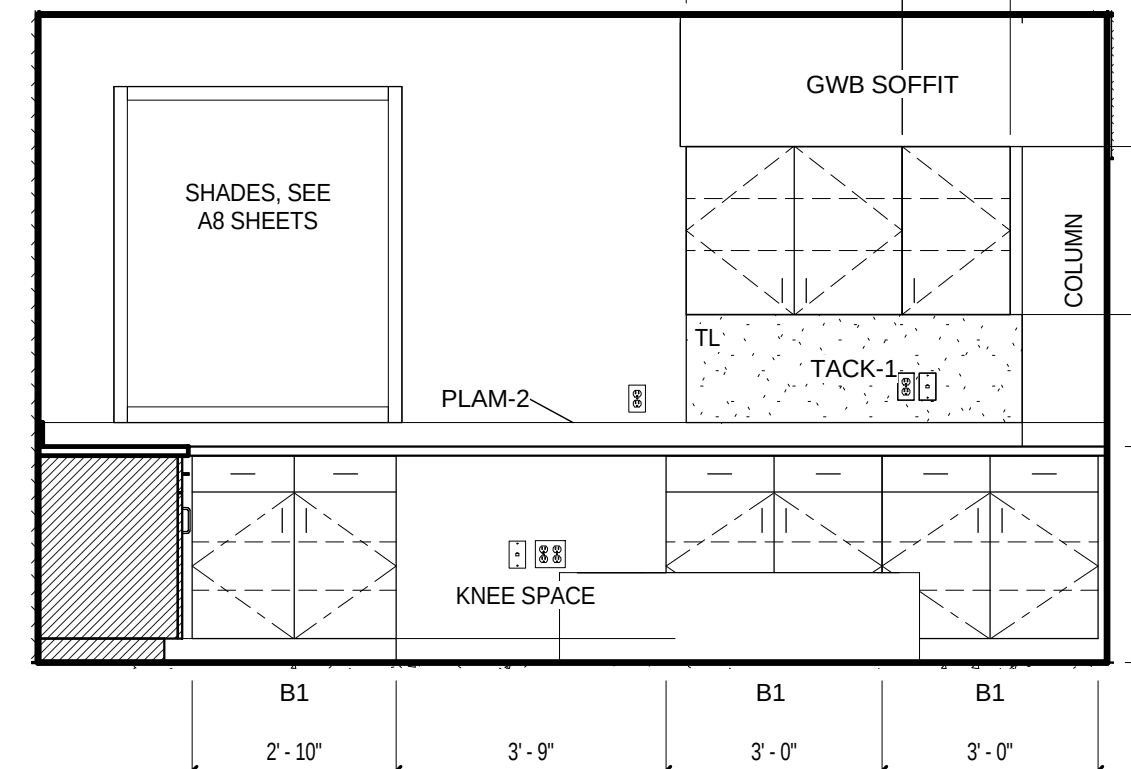
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A7-5 3/8" = 1'-0"



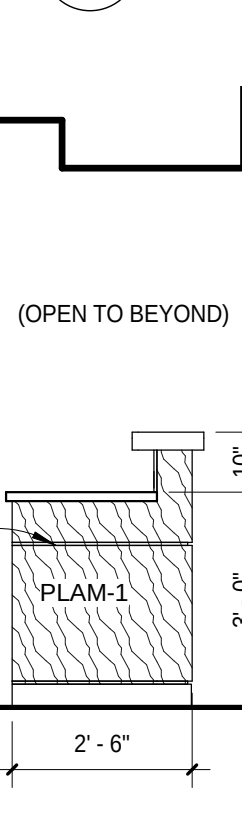
20 THERAPY POOL - TLT
A7-5 3/8" = 1'-0"



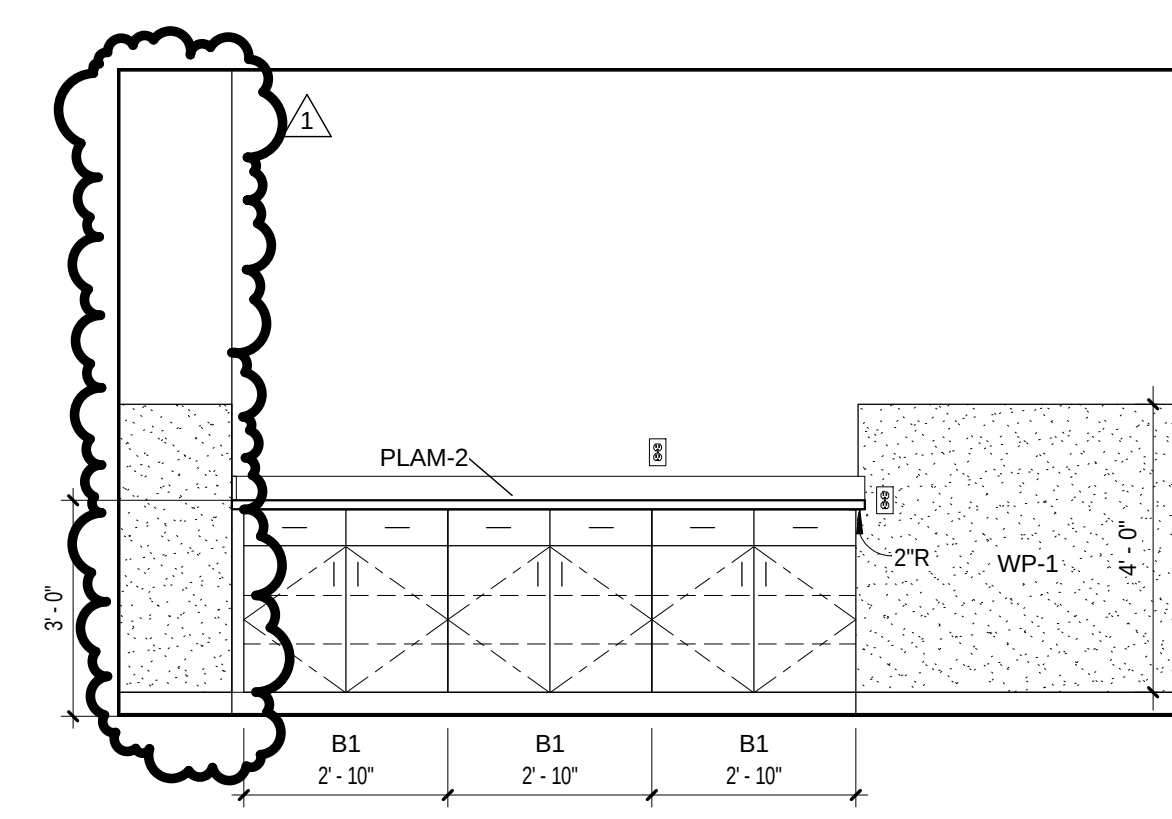
21 THERAPY POOL - SHOWER
A7-5 3/8" = 1'-0"



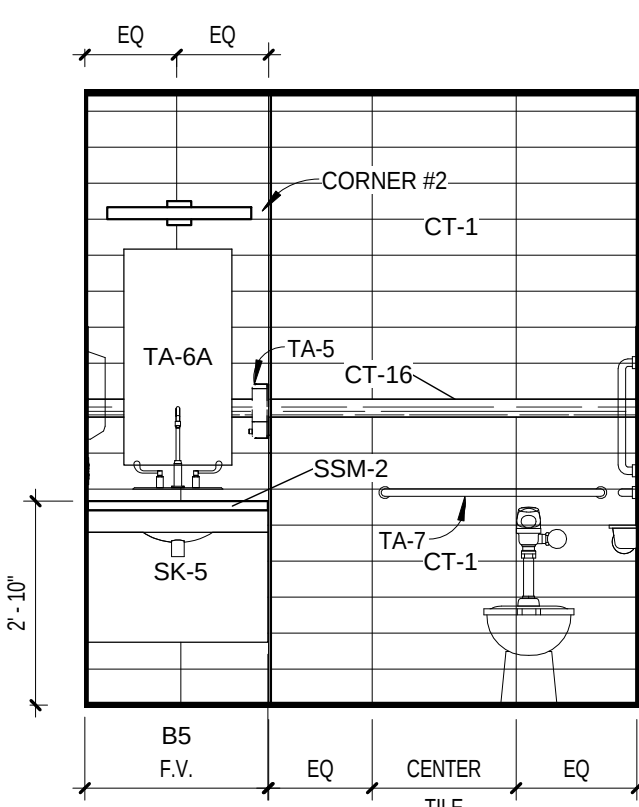
3 PT COPY ROOM B
A7-5 3/8" = 1'-0"



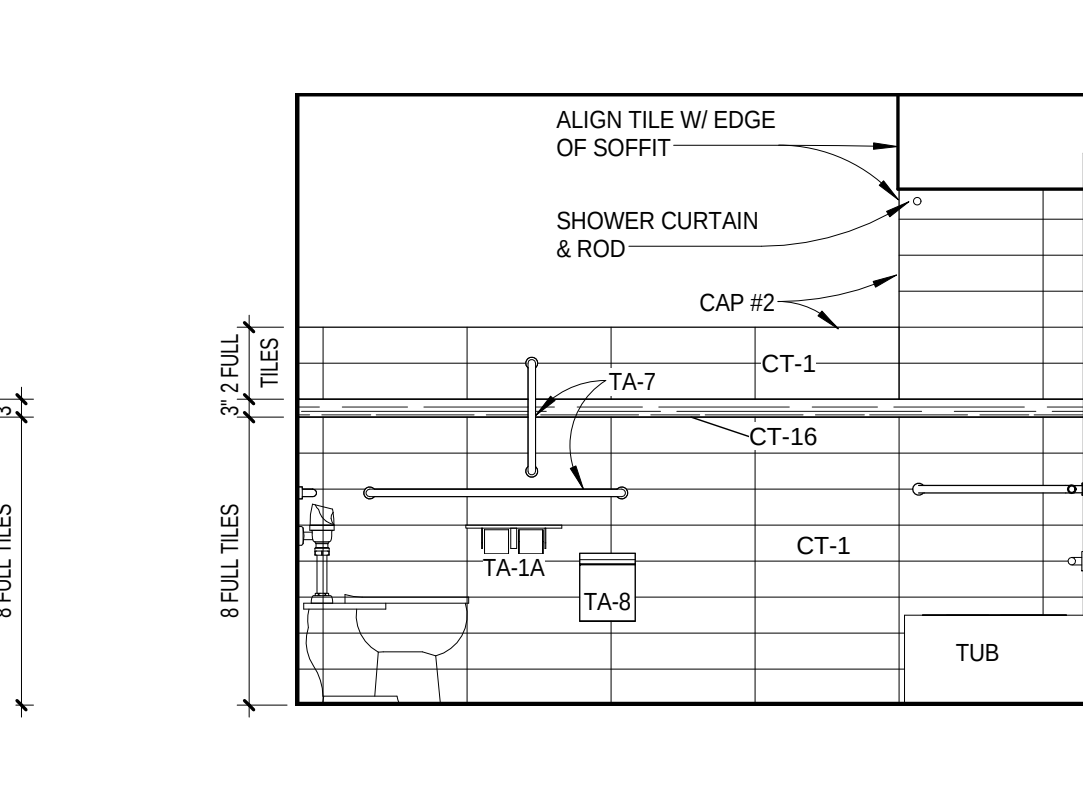
8 END PANEL PT NURSE STATION
A7-5 3/8" = 1'-0"



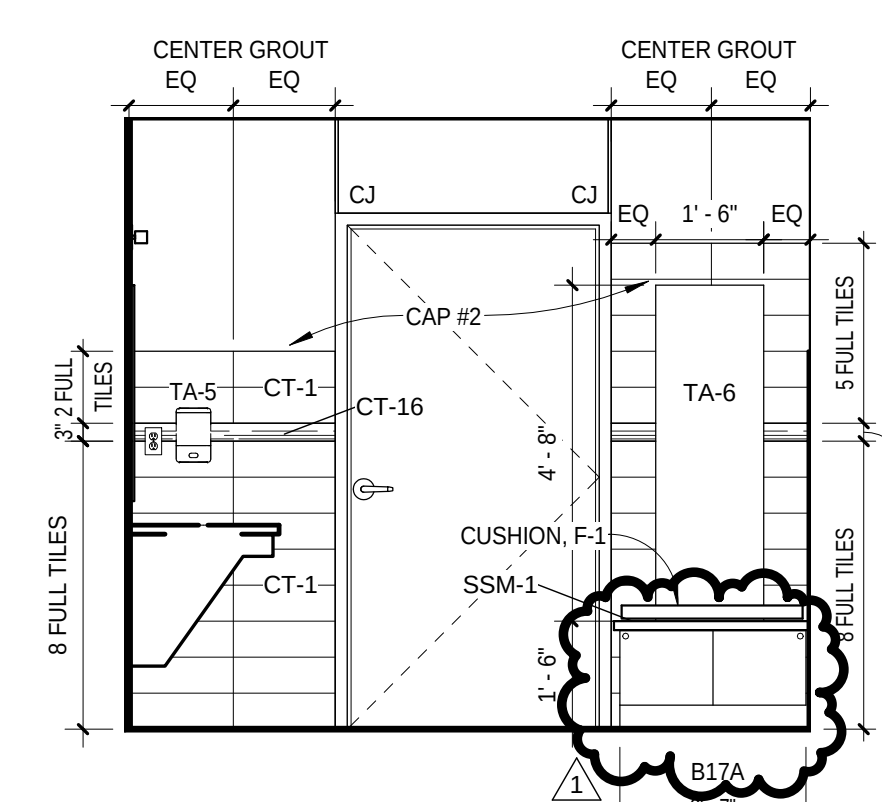
12 PT STORAGE
A7-5 3/8" = 1'-0"



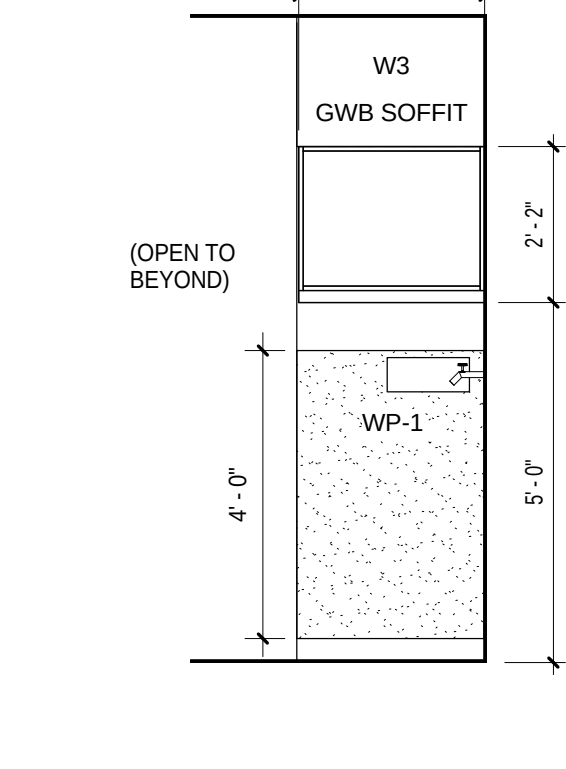
16 ADL TLT - SINK/TLT
A7-5 3/8" = 1'-0"



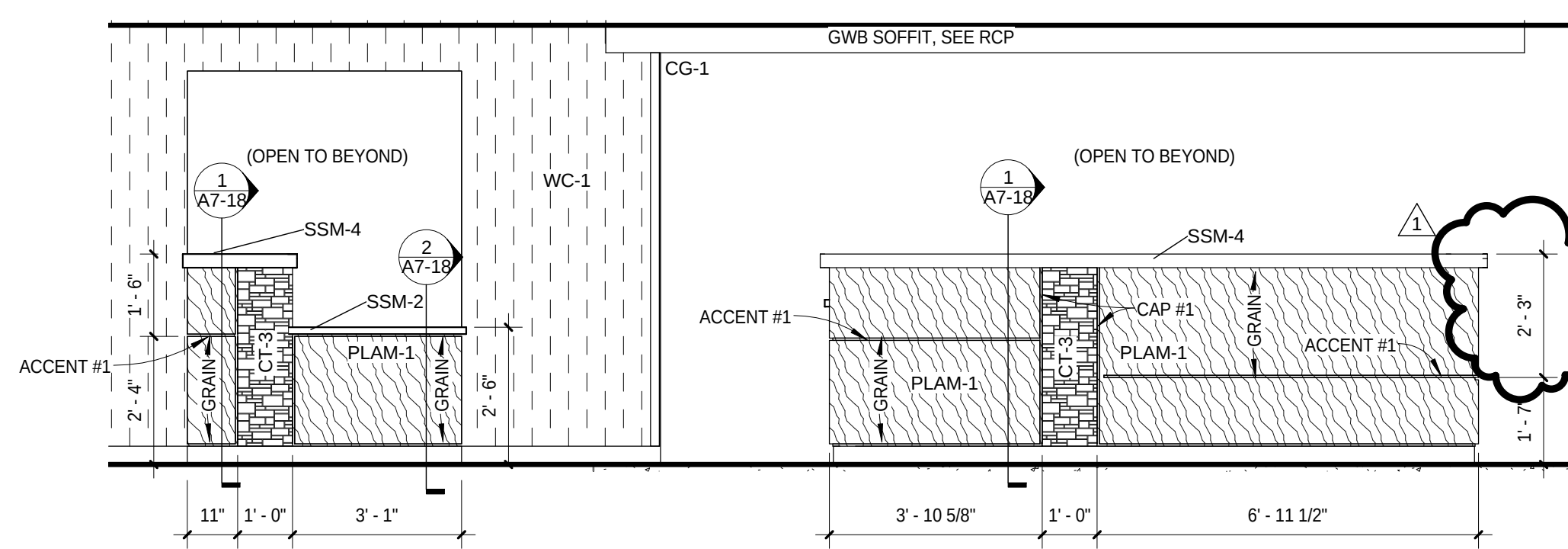
17 ADL TLT - TLT/TUB SIDE
A7-5 3/8" = 1'-0"



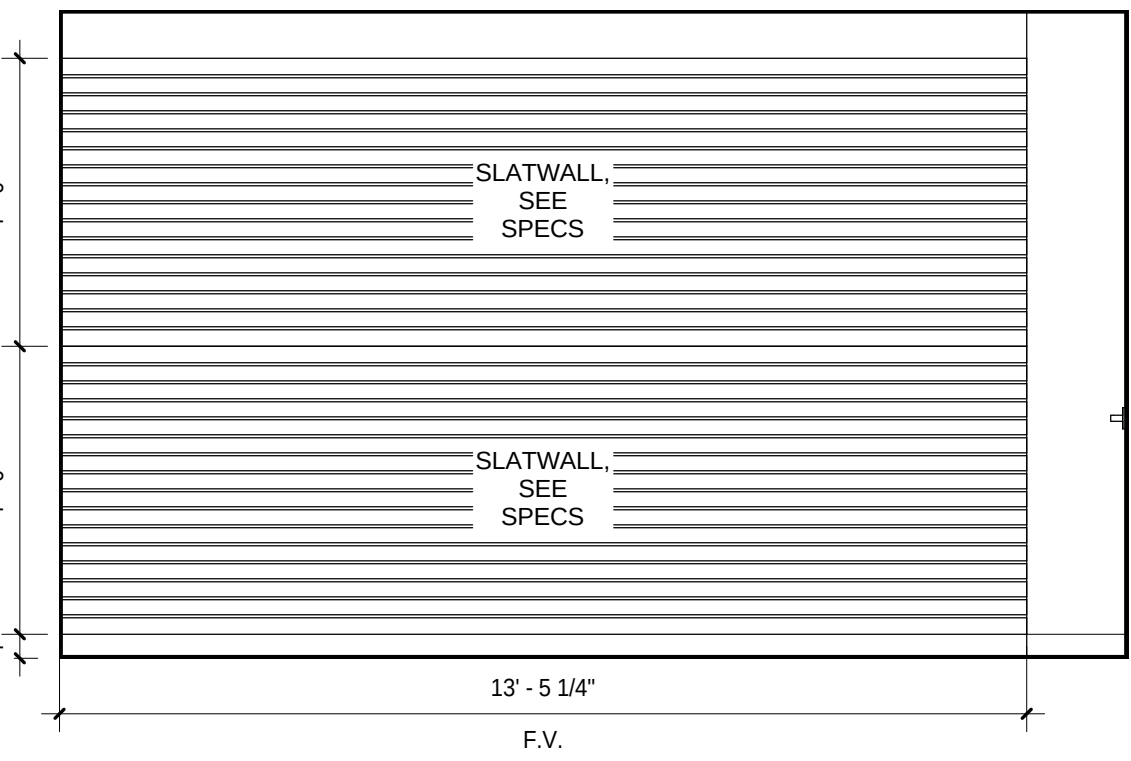
22 THERAPY POOL - SINK
A7-5 3/8" = 1'-0"



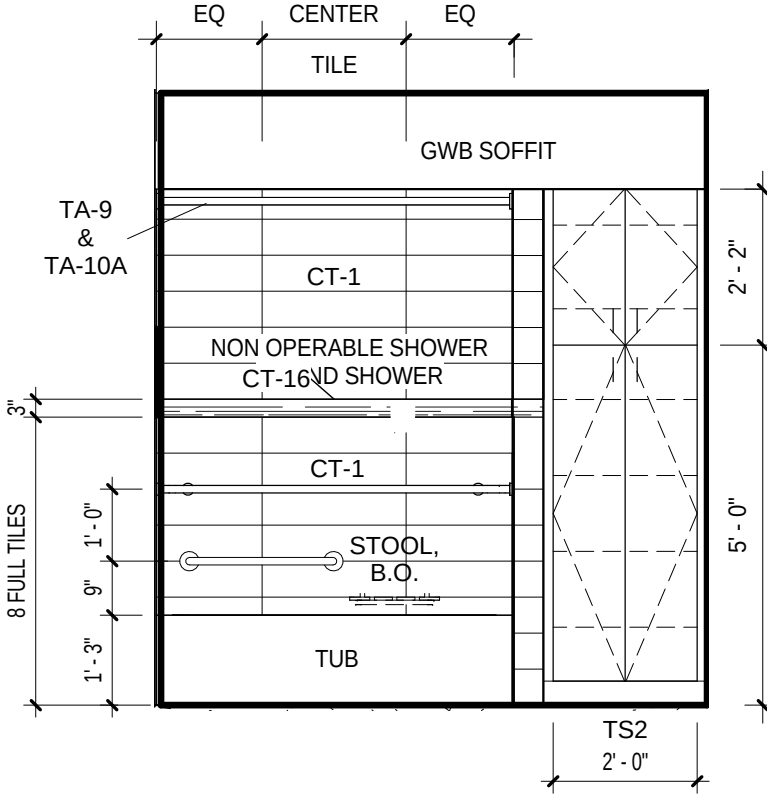
4 TECH WORK SIDE
A7-5 3/8" = 1'-0"



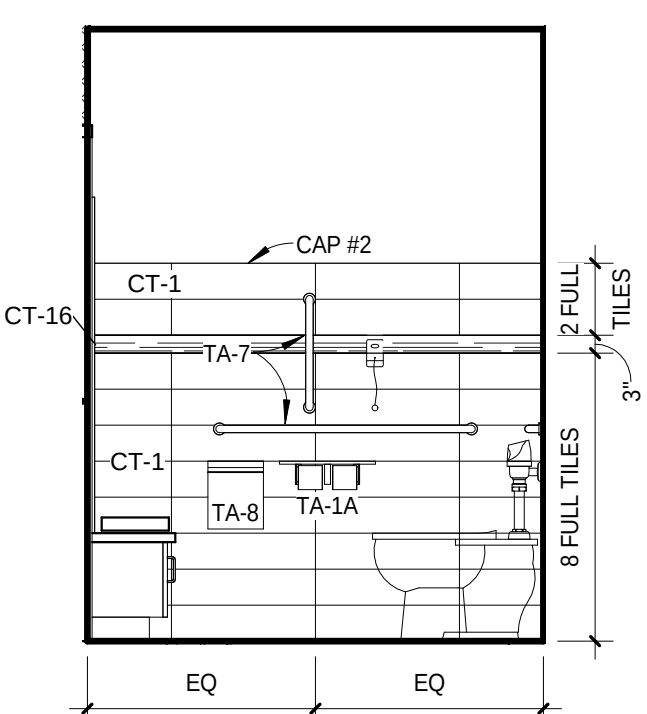
9 PT TECH WORK FRONT/CHECK OUT
A7-5 3/8" = 1'-0"



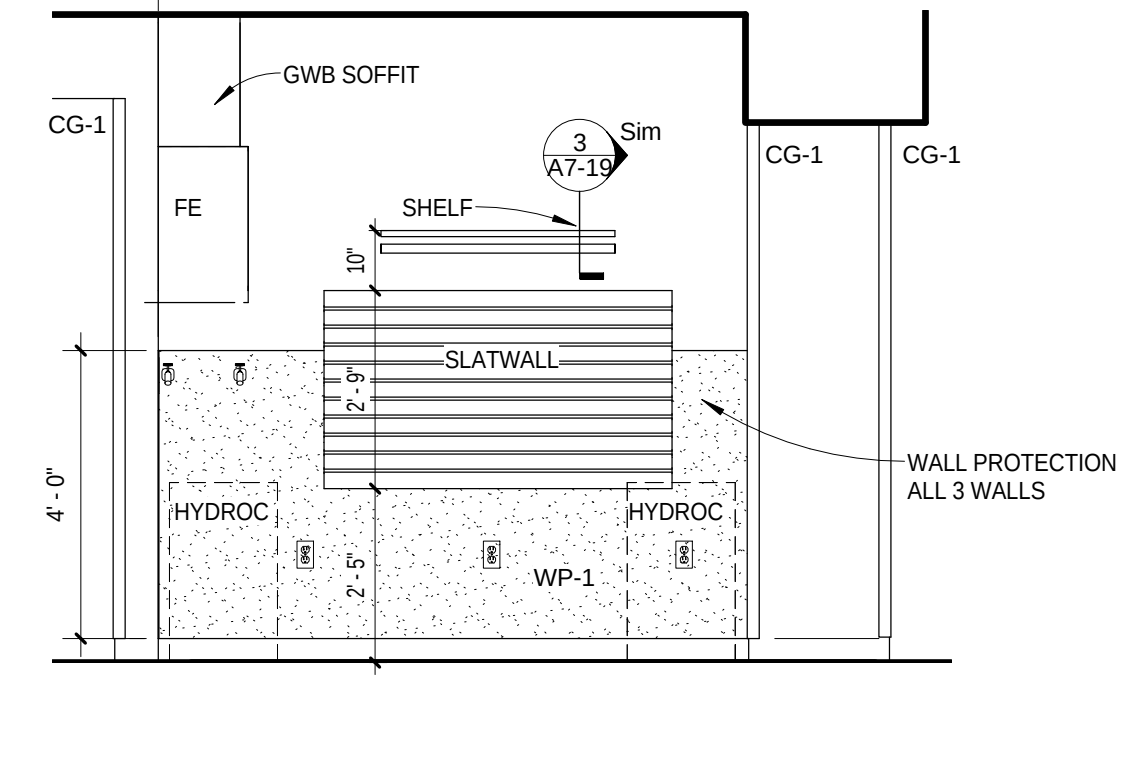
13 PT STORAGE - SLATWALL
A7-5 3/8" = 1'-0"



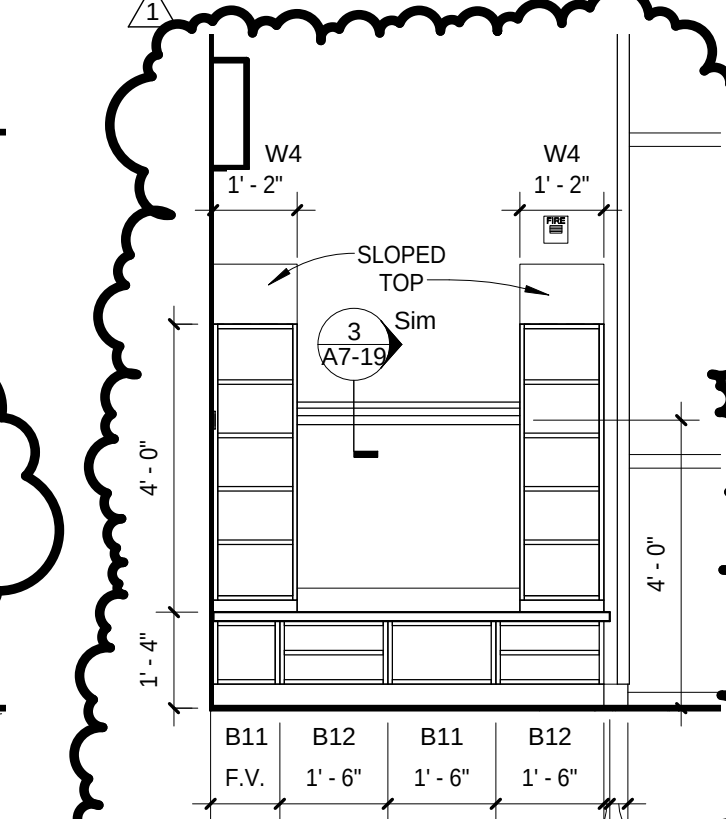
18 ADL TLT - TUB
A7-5 3/8" = 1'-0"



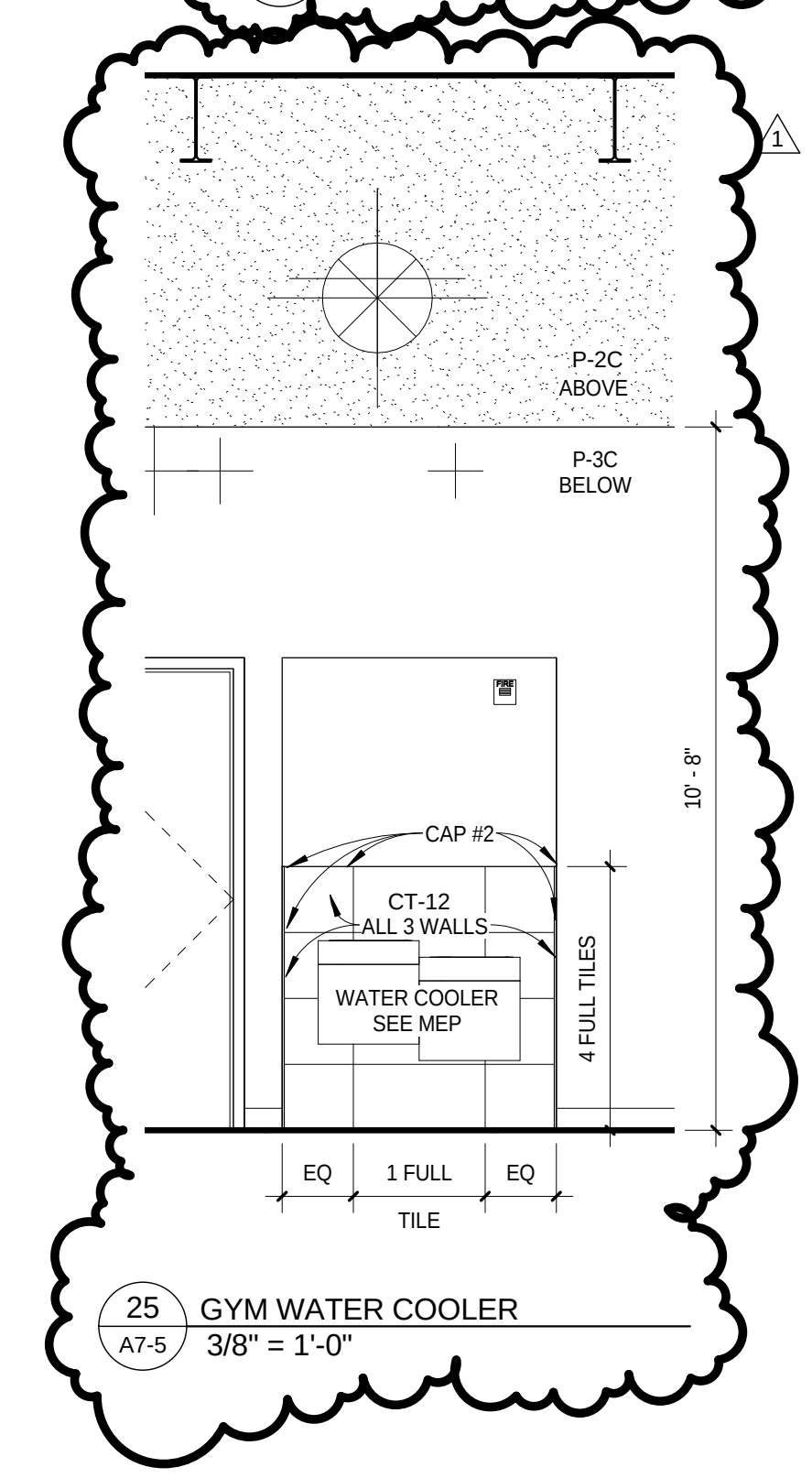
23 THERAPY POOL TLT - TLT SIDE
A7-5 3/8" = 1'-0"



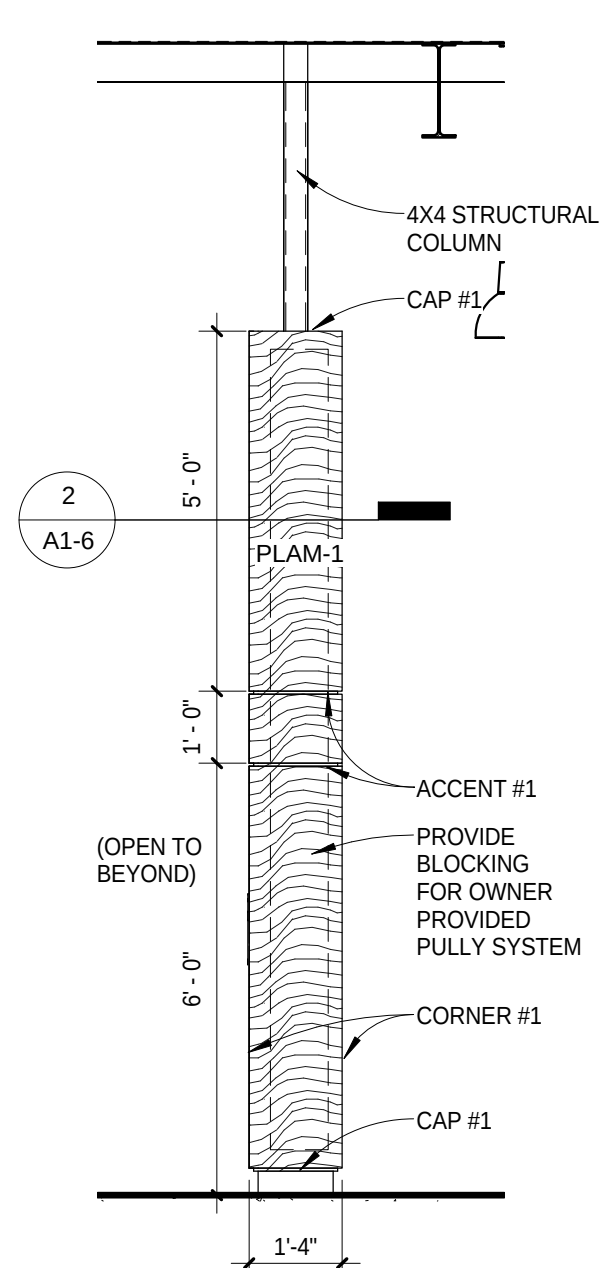
5 PT TECH WORK C
A7-5 3/8" = 1'-0"



26 GYM COAT RACK
A7-5 3/8" = 1'-0"



25 GYM WATER COOLER
A7-5 3/8" = 1'-0"



24 DIVIDING WALL END PANEL
A7-5 3/8" = 1'-0"

YORK GENERAL
HEALTH CARE
SERVICES

Project Title:
HOSPITAL
ADDITION AND
REMODEL

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Rev	Date	Description
1	02/25/2014	Addm No.1

Stamp:



Drawn By: Project Manager:
MSL

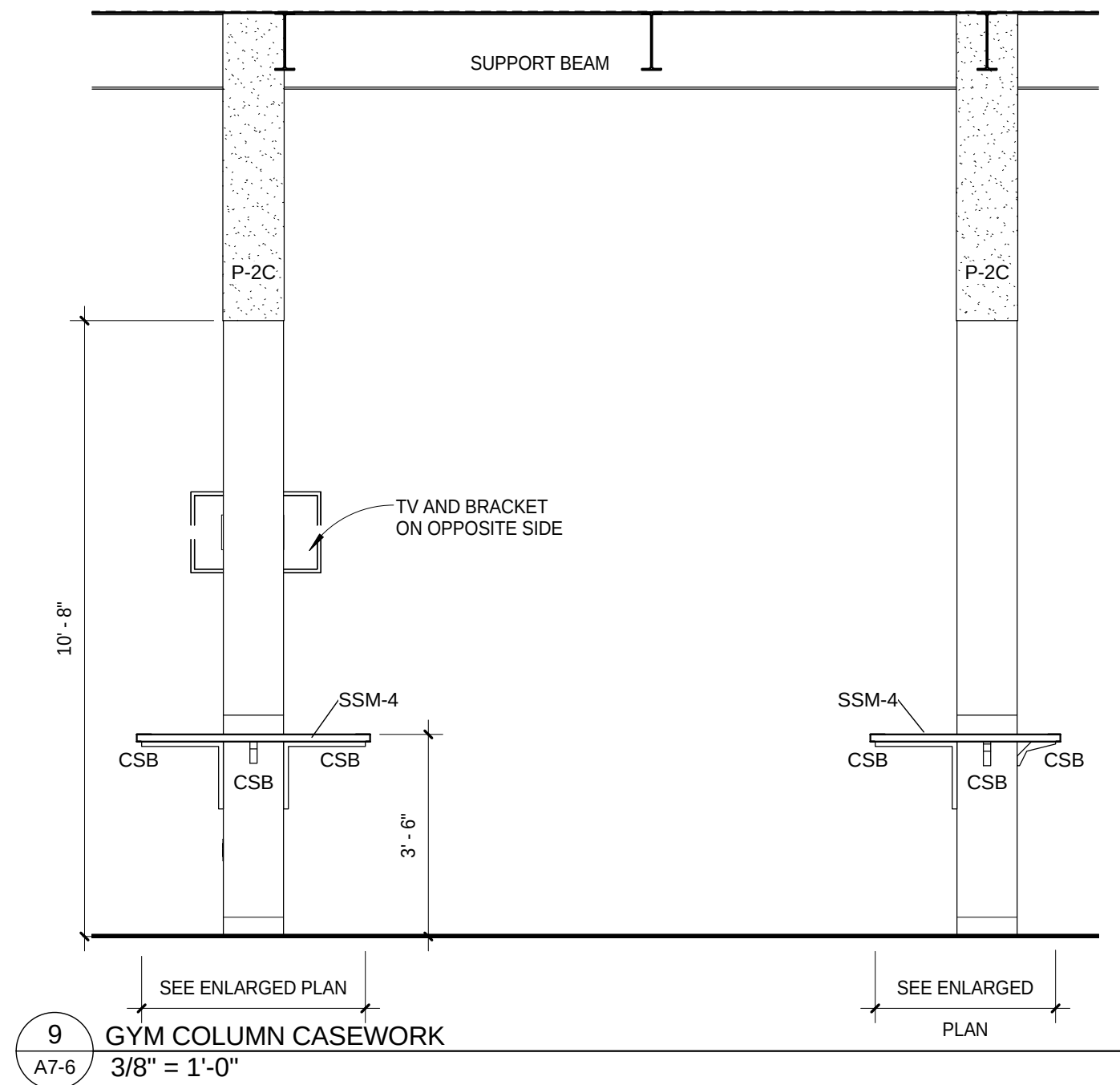
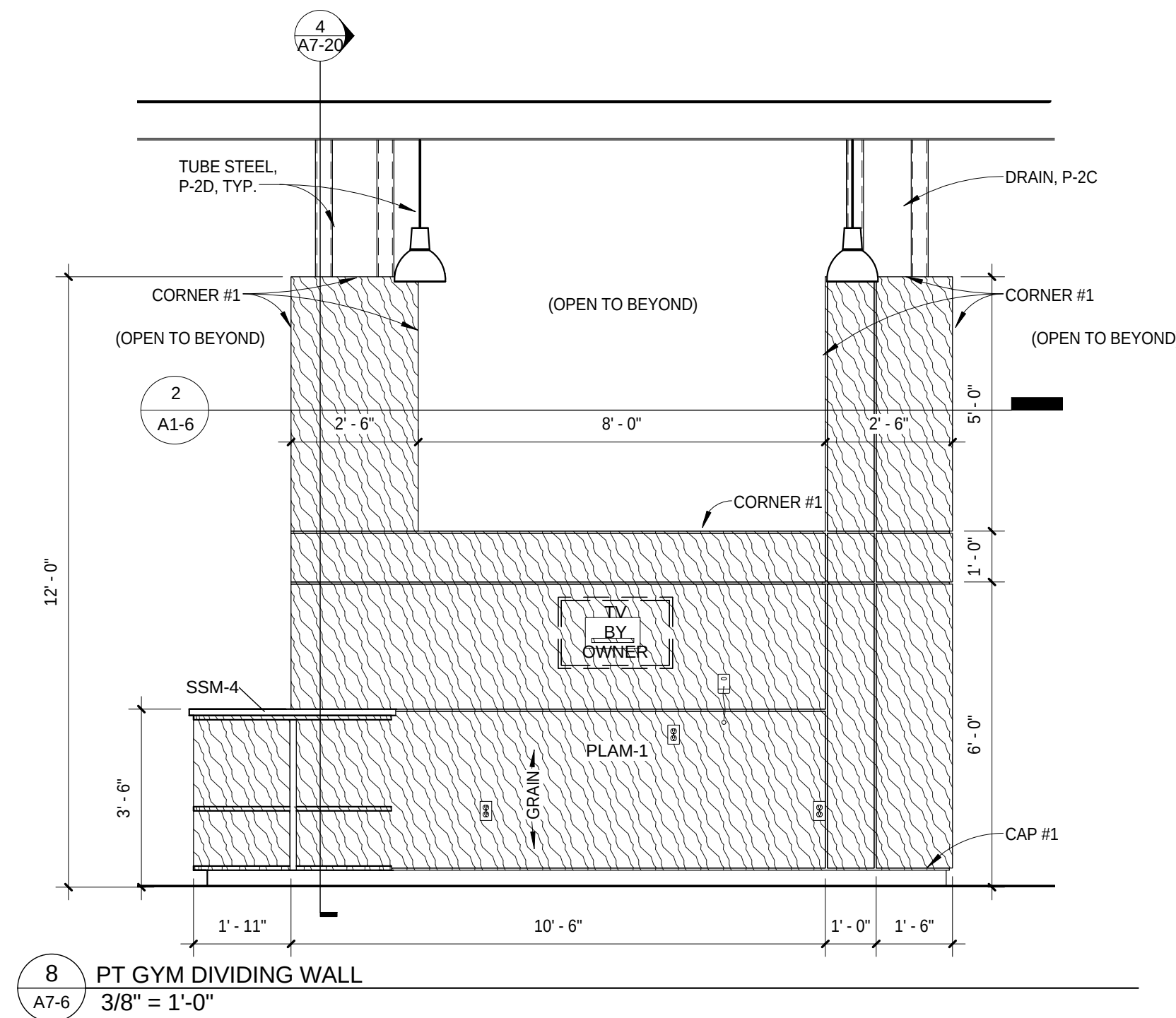
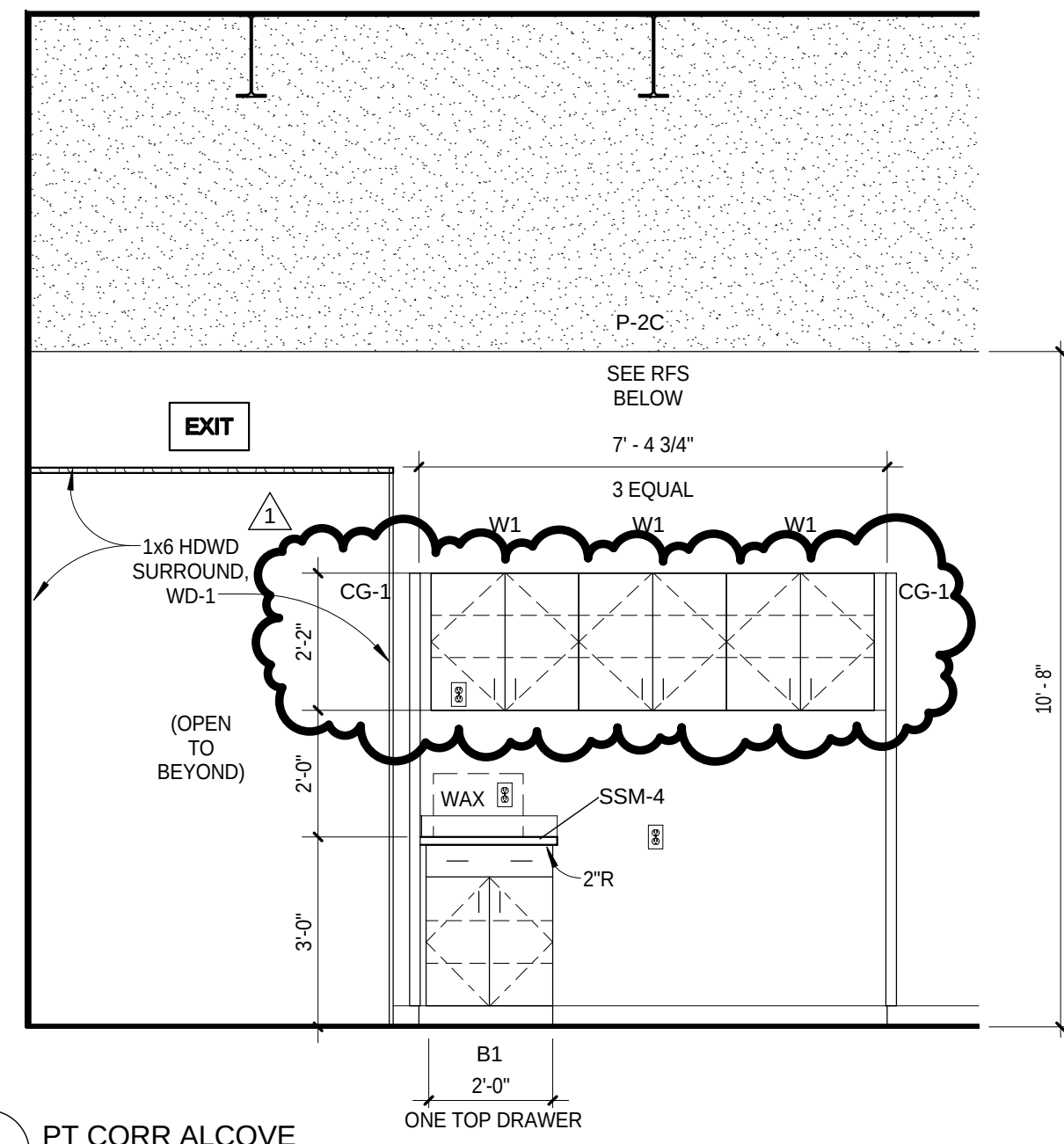
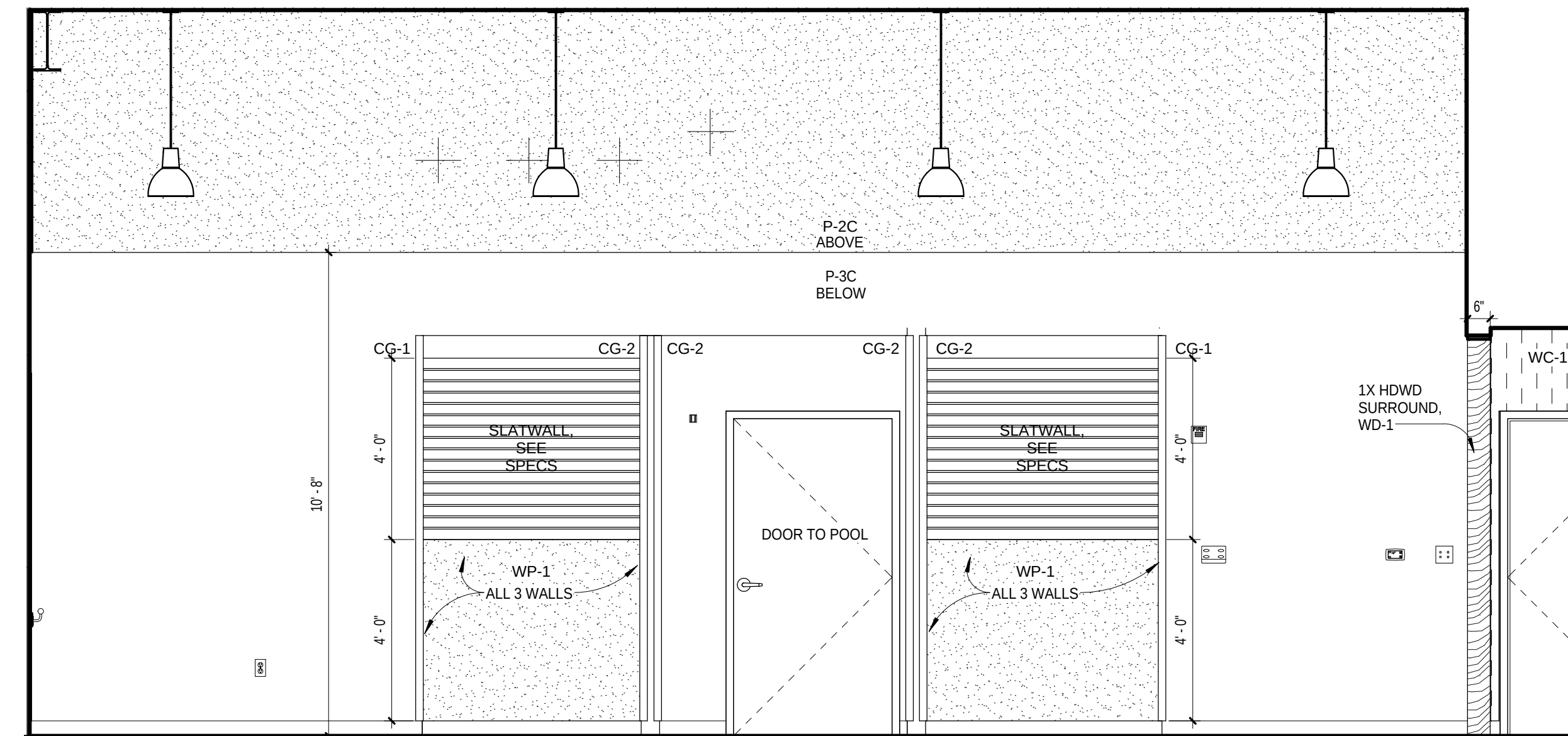
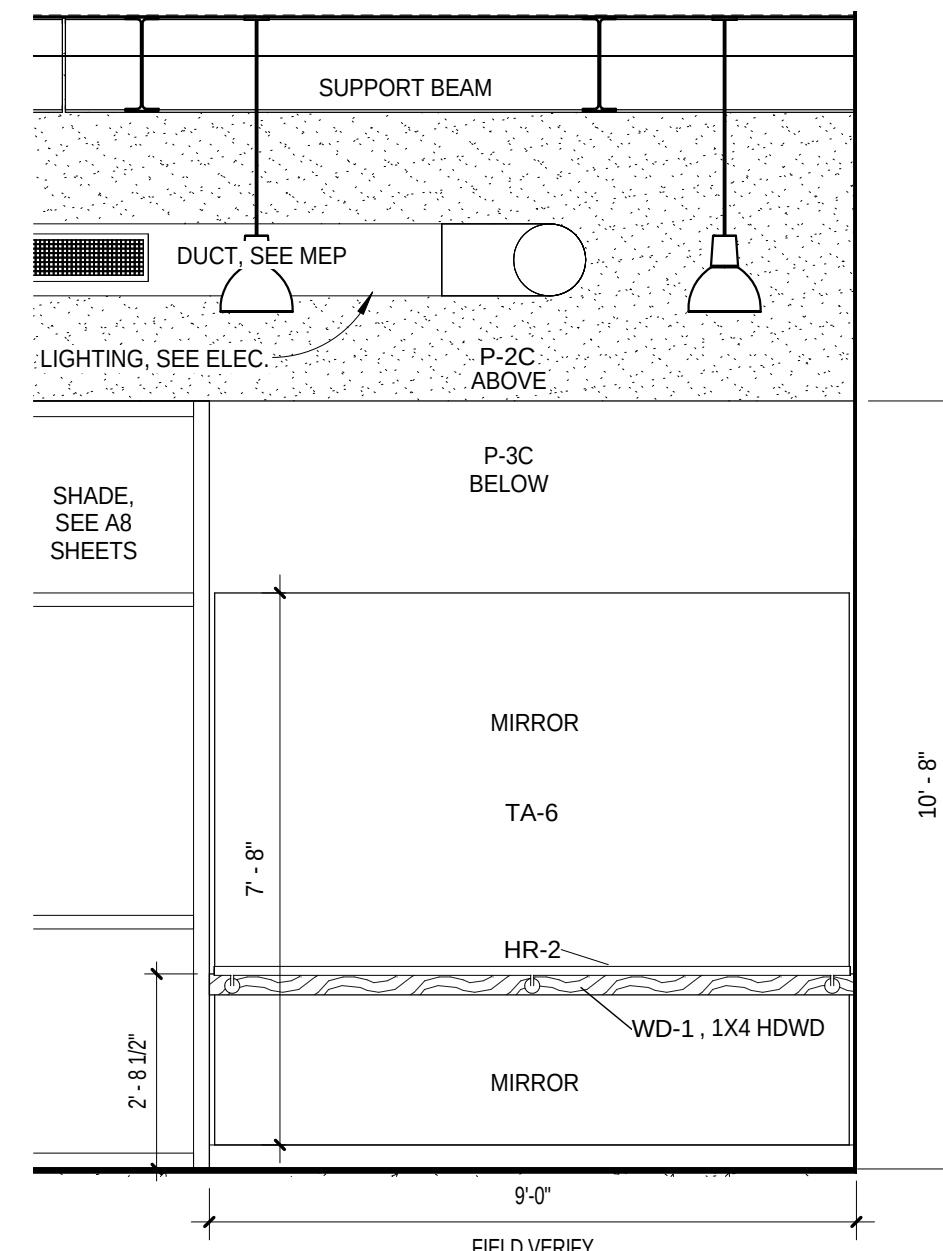
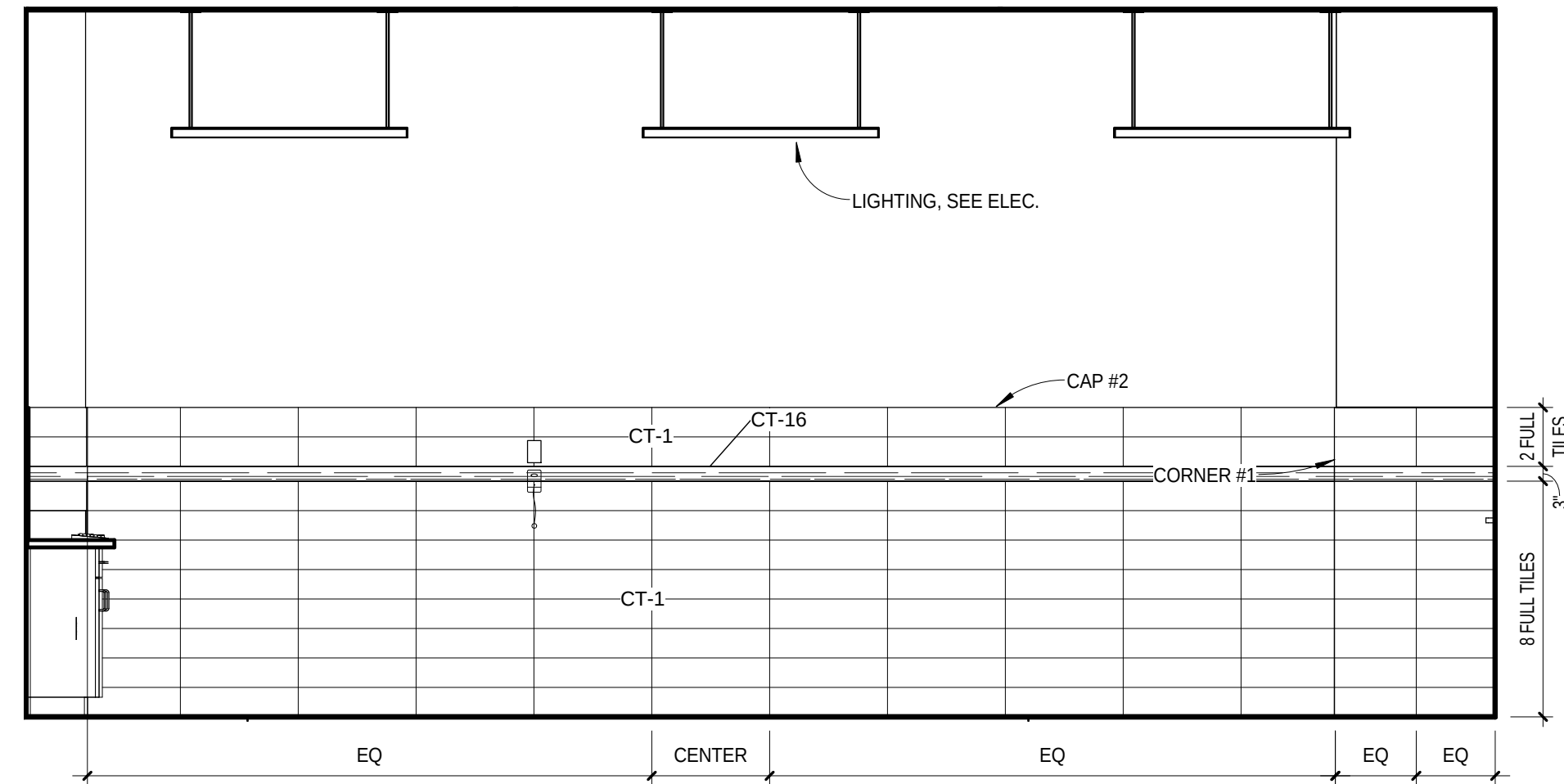
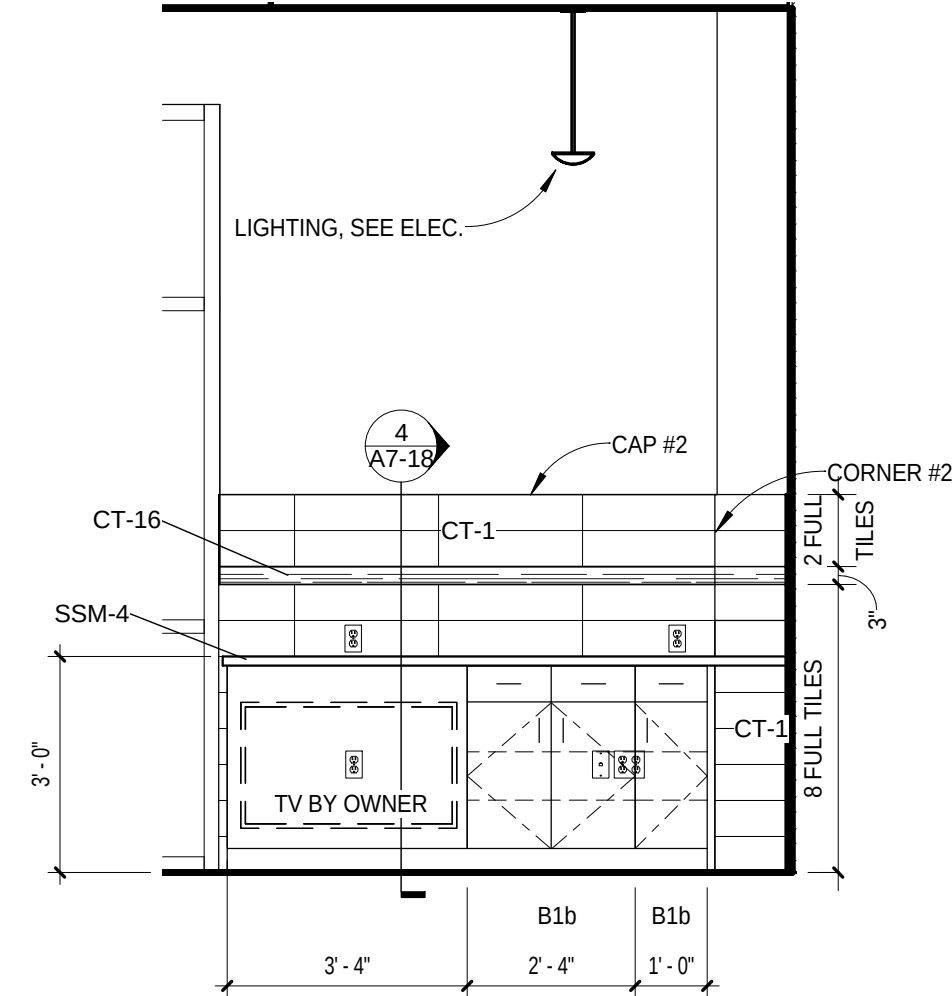
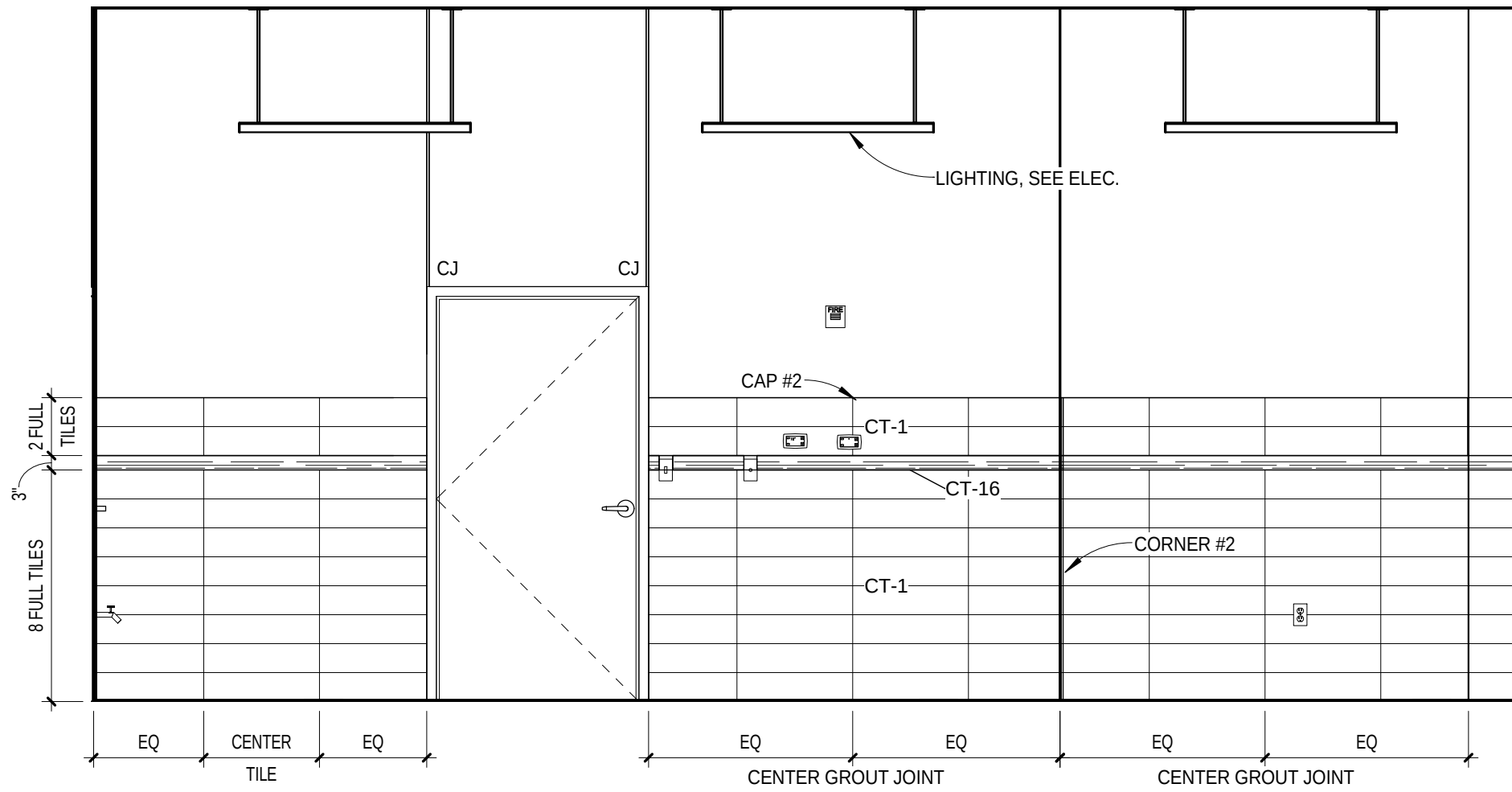
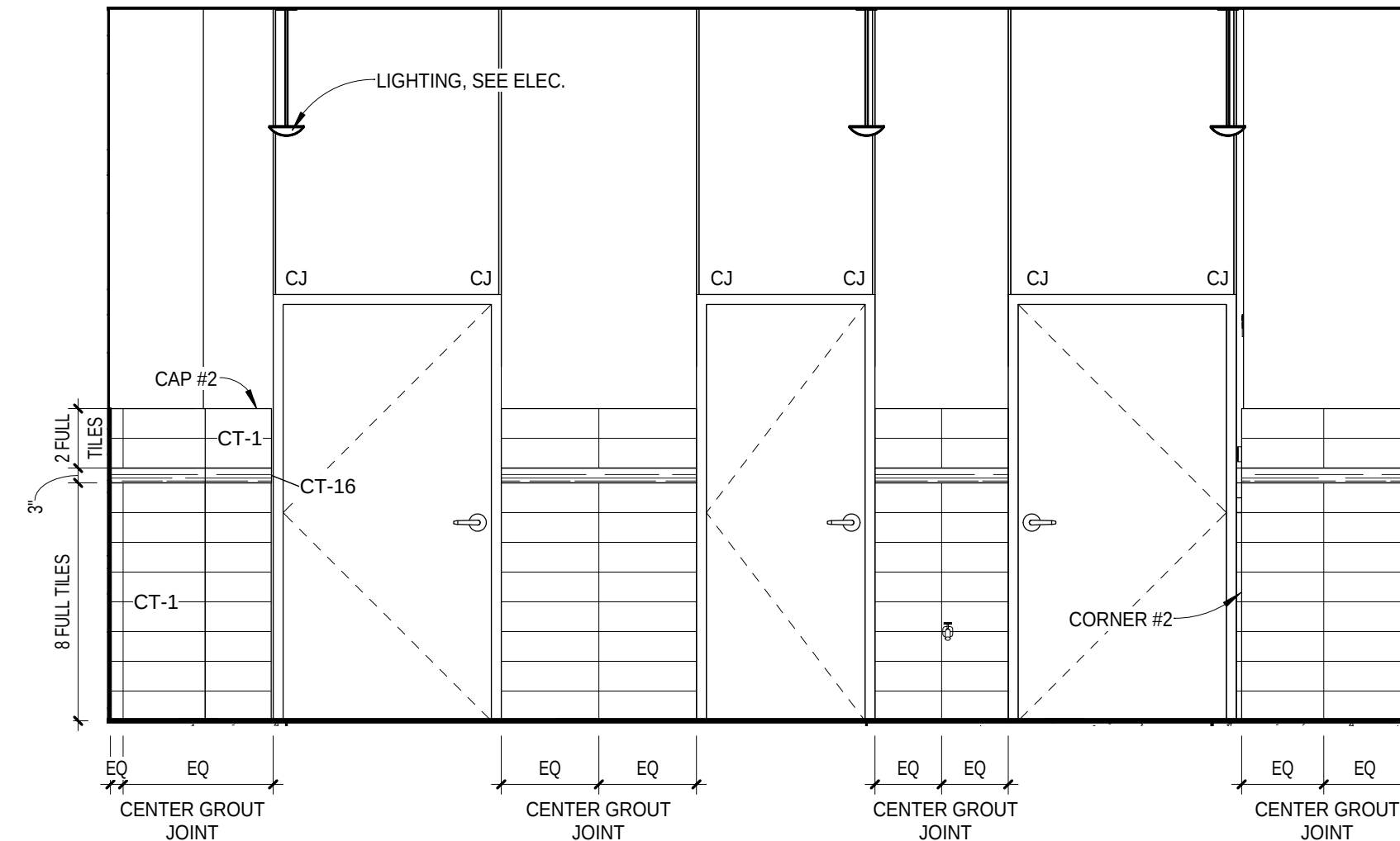
Project Number:
24902

Date:
01/28/2014

Sheet Title:
PHYSICAL
THERAPY
ELEVATIONS

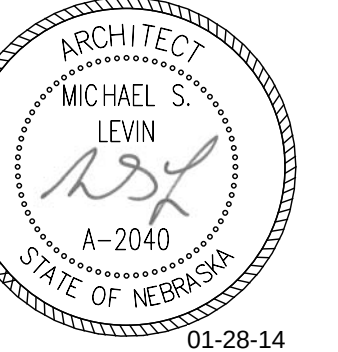
Sheet Number:

A7-5



Rev	Date	Description
	02/25/2014	Addm No.1

Stamp:



Drawn By:	Project Manager:
.	MSL

Project Number:
24902

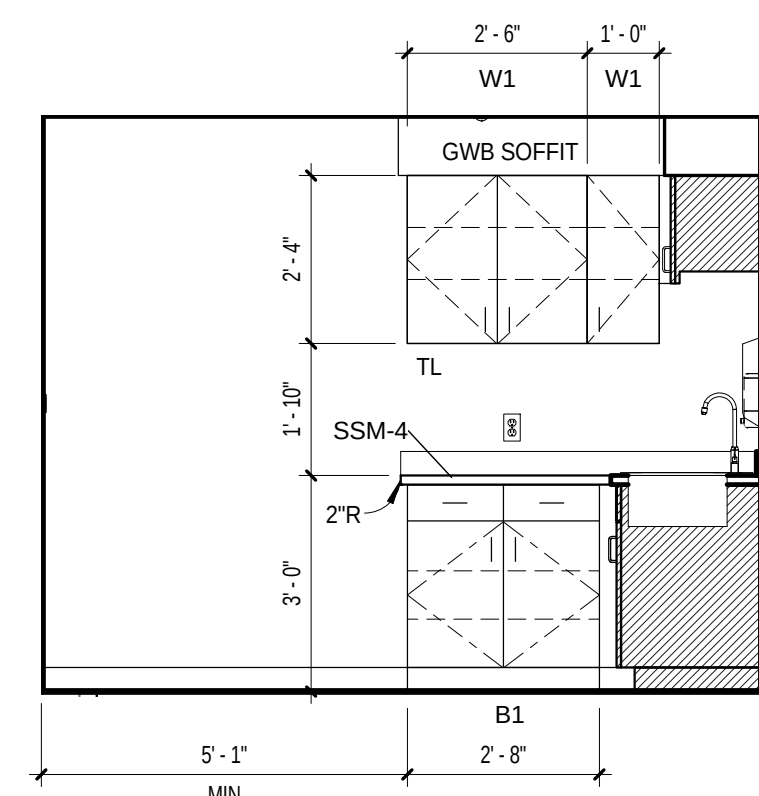
Date: 01/28/2014

Sheet Title:

PHYSICAL THERAPY ELEVATIONS

Sheet Number:

A7-6



Technical drawing of a window assembly showing cross-sections and dimensions. The drawing includes a side view on the left and a top-down view on the right. Key dimensions and labels include:

- Side View Dimensions:**
 - Overall height: 5'-0"
 - Top section height: 2'-0"
 - Bottom section height: 2'-0"
- Top-Down View Dimensions:**
 - Overall width: 3'-0"
 - Section widths: TS2 3'-0", TS1 SIM 3'-0", TS1 SIM 2'-0"
 - Labels: NO BASE, NO BASE
- Labels and Annotations:**
 - GWB SOFFIT
 - OPEN INSIDE
 - TS2, TS1 SIM
 - Various dashed lines indicating internal structure and alignment.

Figure 1: Plan view of the proposed 10' x 10' modular unit. The unit is divided into two main sections: a top section labeled "GWB SOFFIT" and a bottom section labeled "TRASH". The top section contains four triangular units (TL, TACK-1, TA-2, TA-5) and a central square unit (SSM-4). The bottom section contains four triangular units (B1, B1, B1, B4) and a central square unit (SK-1). Dimensions are provided for each unit and the overall unit size.

Technical drawing of a bathroom stall showing a side view of the stall door and a detail of the seat pad. The seat pad is labeled B17B and is 1'-6" deep. The stall door is labeled C3 and has a handle. The seat pad is labeled SEAT PAD, F-1 and is 1'-6" deep. The drawing is labeled SSM-2.

2'-6"

2'-6"

GWIB SOFFIT

CAST CART
40'w x
19'6" x
58'h

SSM-2

SSM-1

TA-2

TA-5

TRASH

TS2
2'-8"

TS7 SIM
4'-0"

B3
1'-0"

B9
1'-6"

B4
2'-6"

4'-10 1/2"

4'-0"

NO BASE

[illegible][illegible]

Technical drawing of the TA-6 unit showing front and side views with dimensions:

- Front View (Top):** Shows a rectangular unit with a width of 1'-6" and a height of 3'-0". The unit is labeled "TA-6".
- Side View (Left):** Shows the unit's depth, which is 2'-10".
- Labels:** "CHR-2" is labeled on the side view, and "TA-6" is labeled on the front view.
- Dimensions:** 1'-6" (width), 3'-0" (height), and 2'-10" (depth).

[illegible]

2'-6" 2'-6" 2'-6" 2'-6"

W1 W3 W3 W1

GWB SOFFIT

TACK-1

PLAM-2

CSB

B3 B3

1'-4" 1'-4"

6'-8"

Floor plan of the second floor of the building. The plan shows a COFFEE area, TA-5, TA-2, SSM-4, SK-4, and TRASH. Dimensions are provided for various sections, including 2'-0", 2'-6", 2'-6", 2'-0", 3'-0", and 2'-0".

1 1/4" 2 9/8" 2 9/8" 1 1/4" 83

SHADES SEE AB SHEETS

GWB SOFFIT

TACK-1

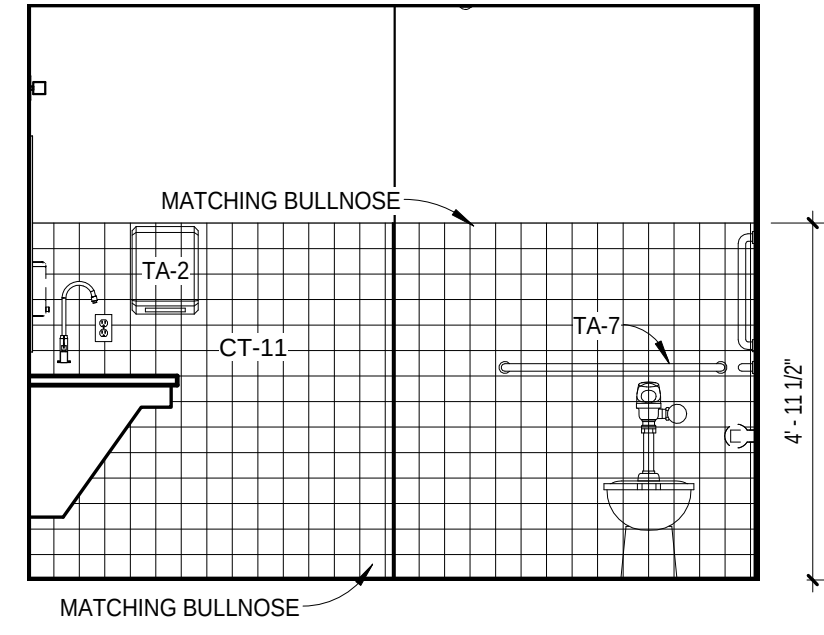
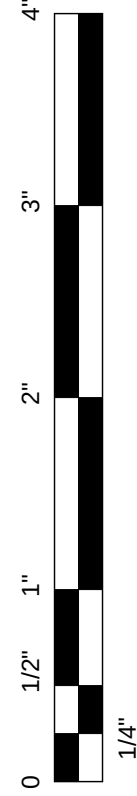
PLAM-2

CSB

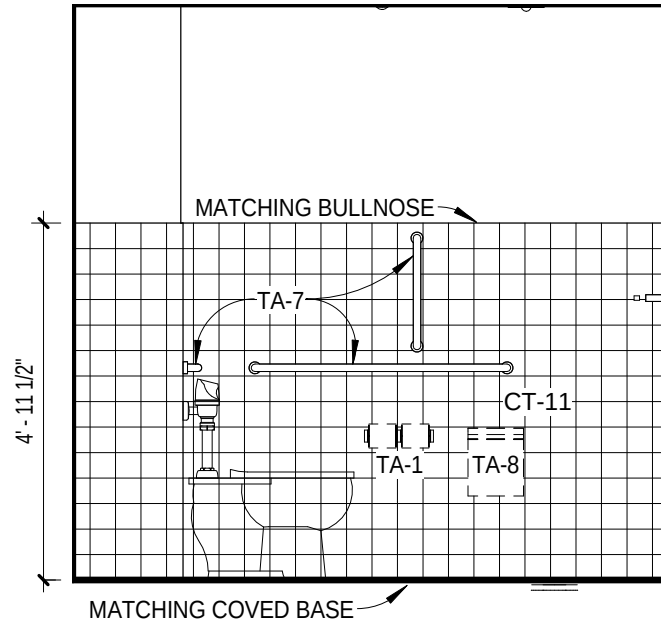
F

[illegible]

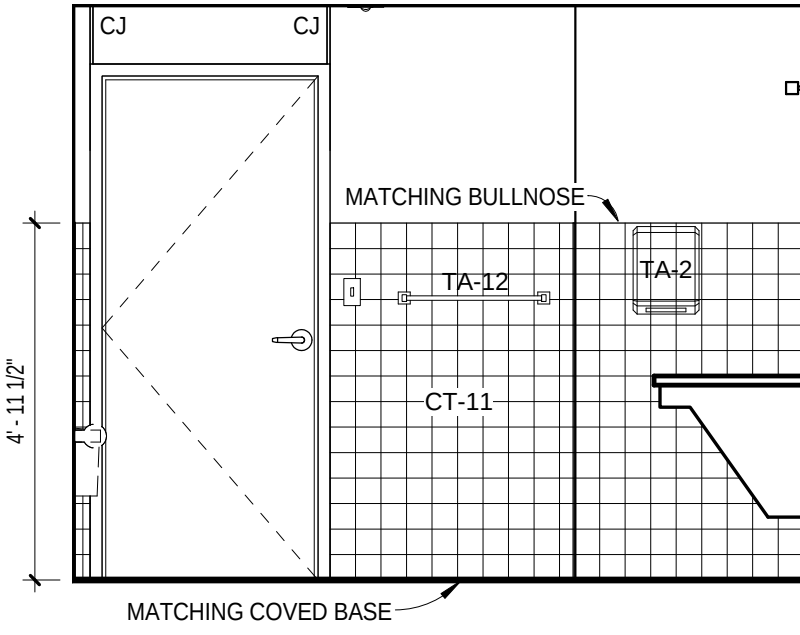
Figure 1 is a technical drawing of a wall section. It shows a grid pattern representing the wall surface. A horizontal line is labeled 'MATCHING BULLNOSE'. Below this line, a section of the wall is labeled 'CT-11'. To the right of this section, a horizontal line is labeled 'TA-7'. Below the 'TA-7' line, a section of the wall is labeled 'MATCHING COVER BASE'. The drawing includes various lines and dimensions indicating the installation details.



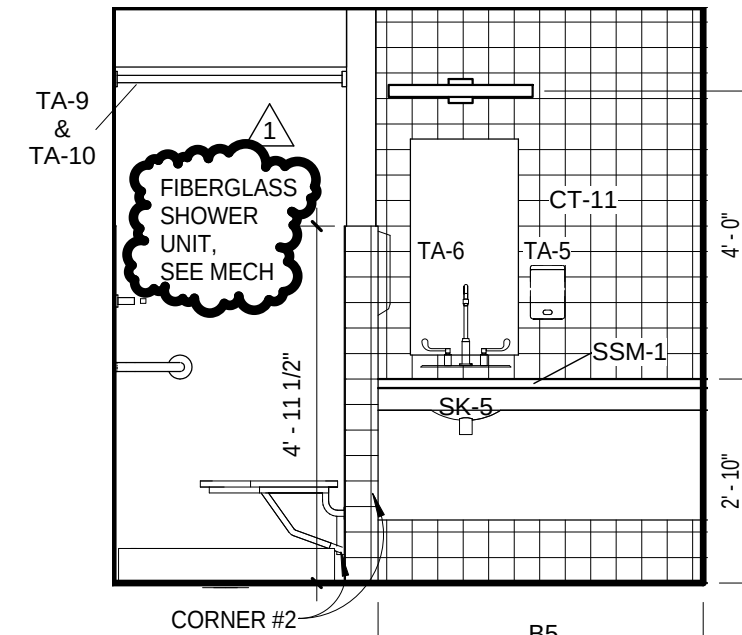
1 ON CALL TLT - A
A7-9 3/8" = 1'-0"



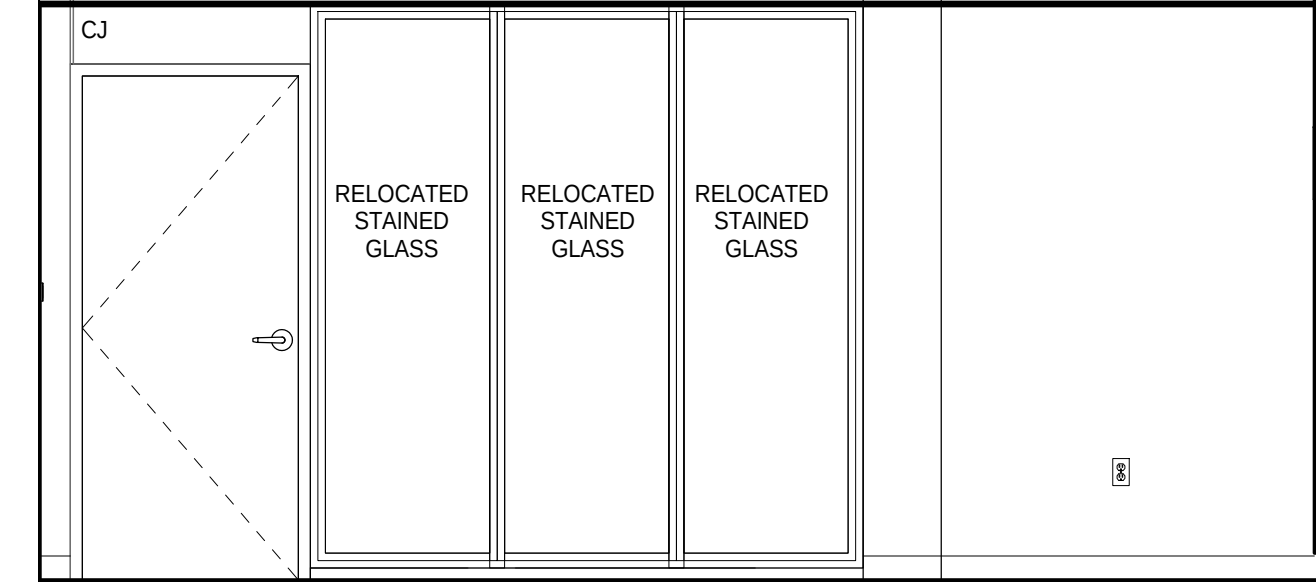
2 ON CALL TLT - B
A7-9 3/8" = 1'-0"



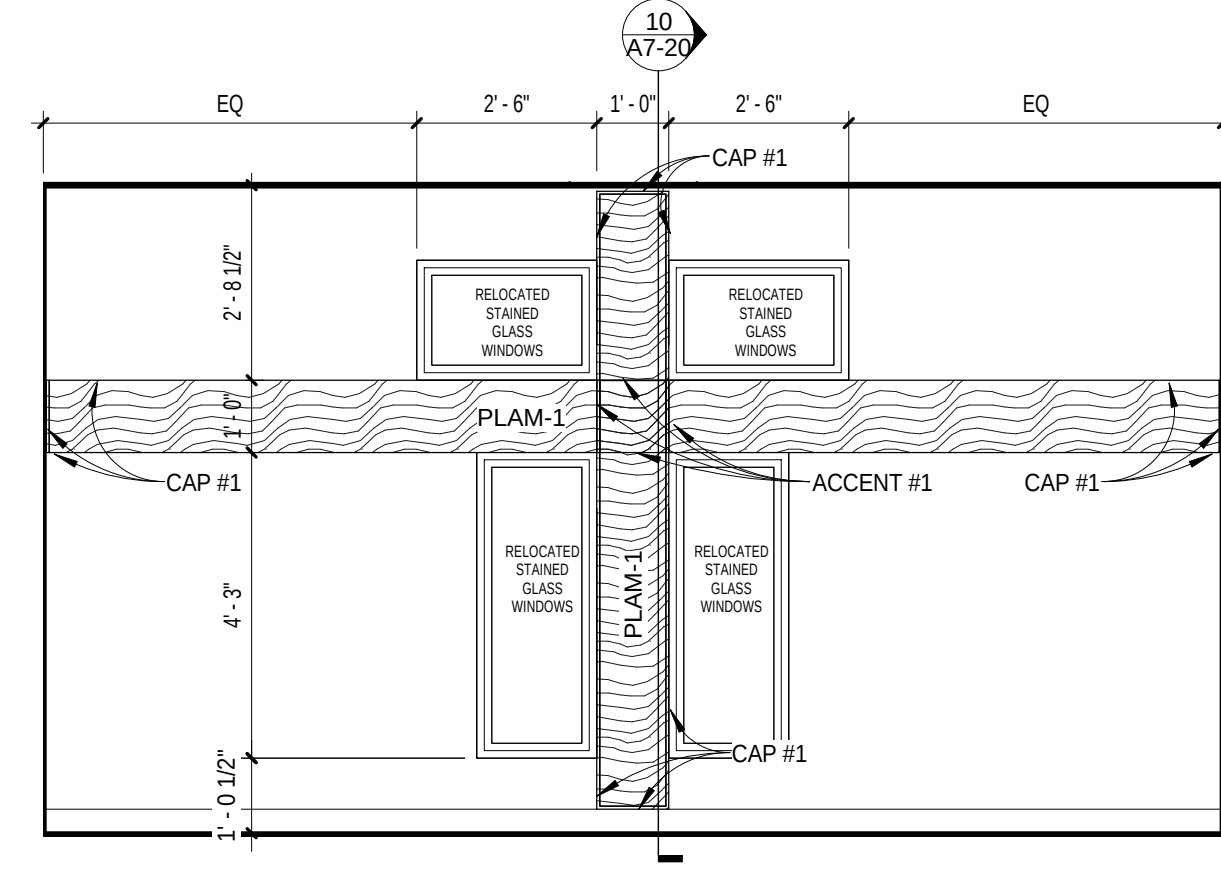
3 ON CALL TLT - D
A7-9 3/8" = 1'-0"



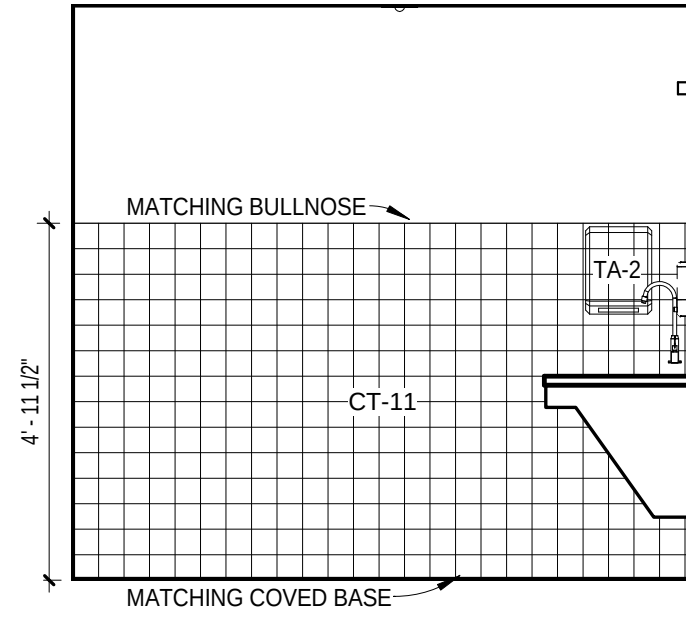
4 ON CALL TLT - D
A7-9 3/8" = 1'-0"



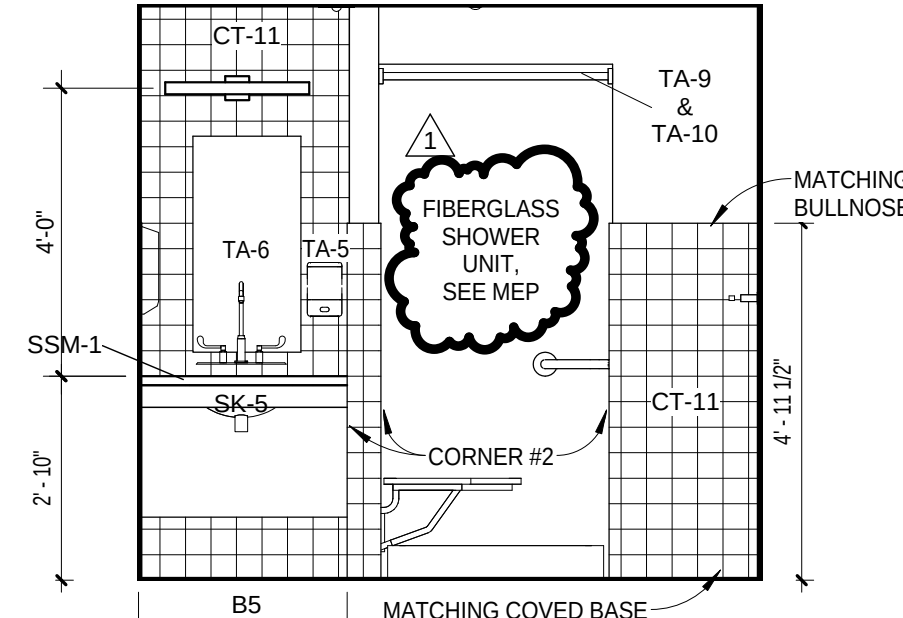
5 CHAPEL SIDE WALL TO CORR
A7-9 3/8" = 1'-0"



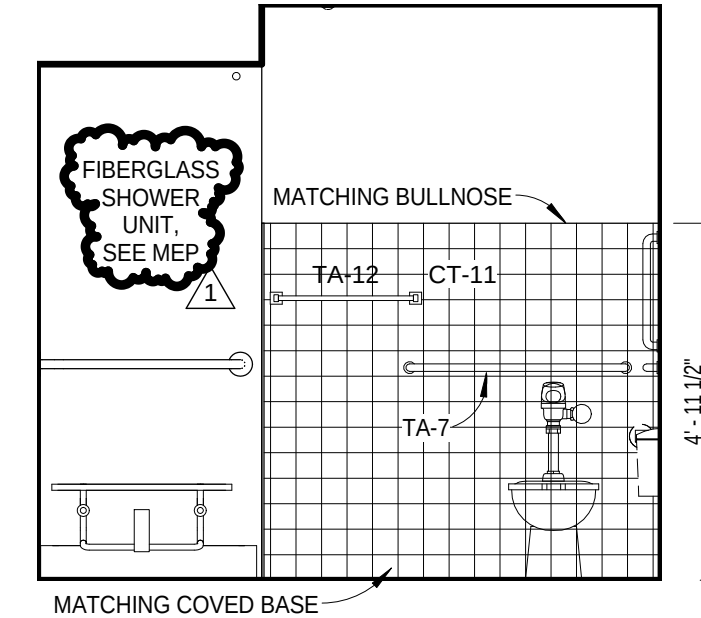
6 CHAPEL - WINDOWS
A7-9 3/8" = 1'-0"



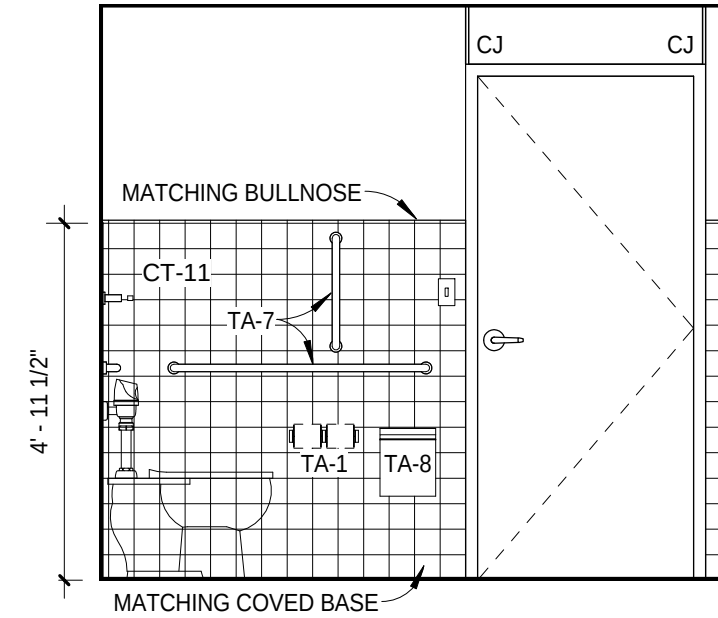
7 ON CALL TLT - SINK SIDE
A7-9 3/8" = 1'-0"



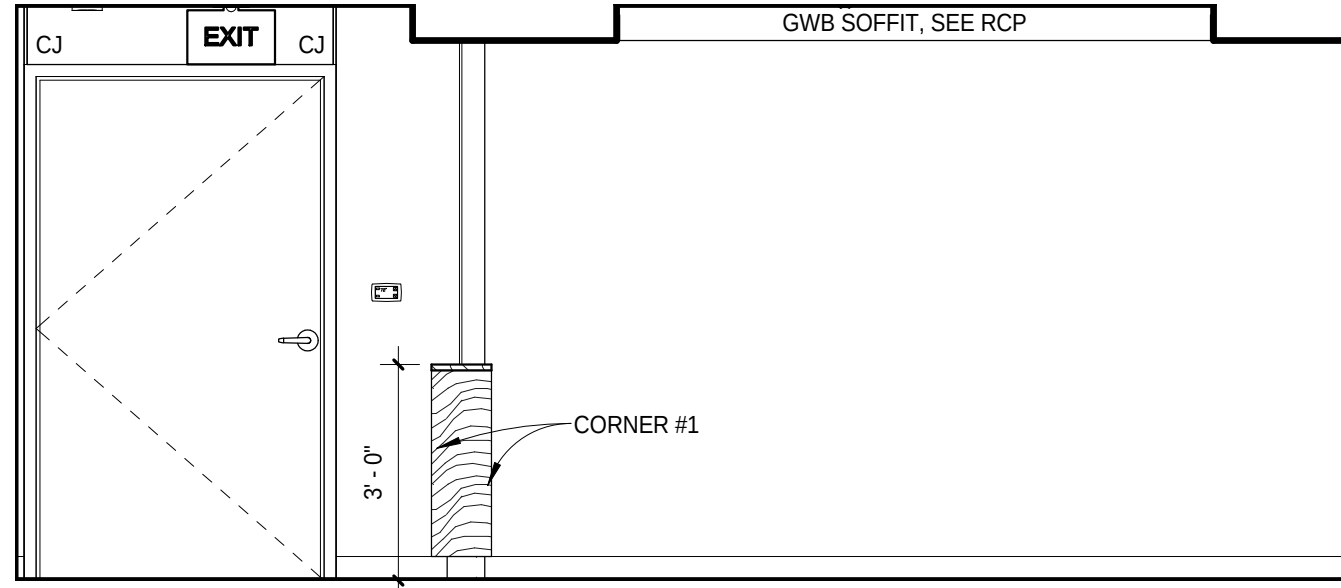
8 ON CALL - SINK/ SHOWER
A7-9 3/8" = 1'-0"



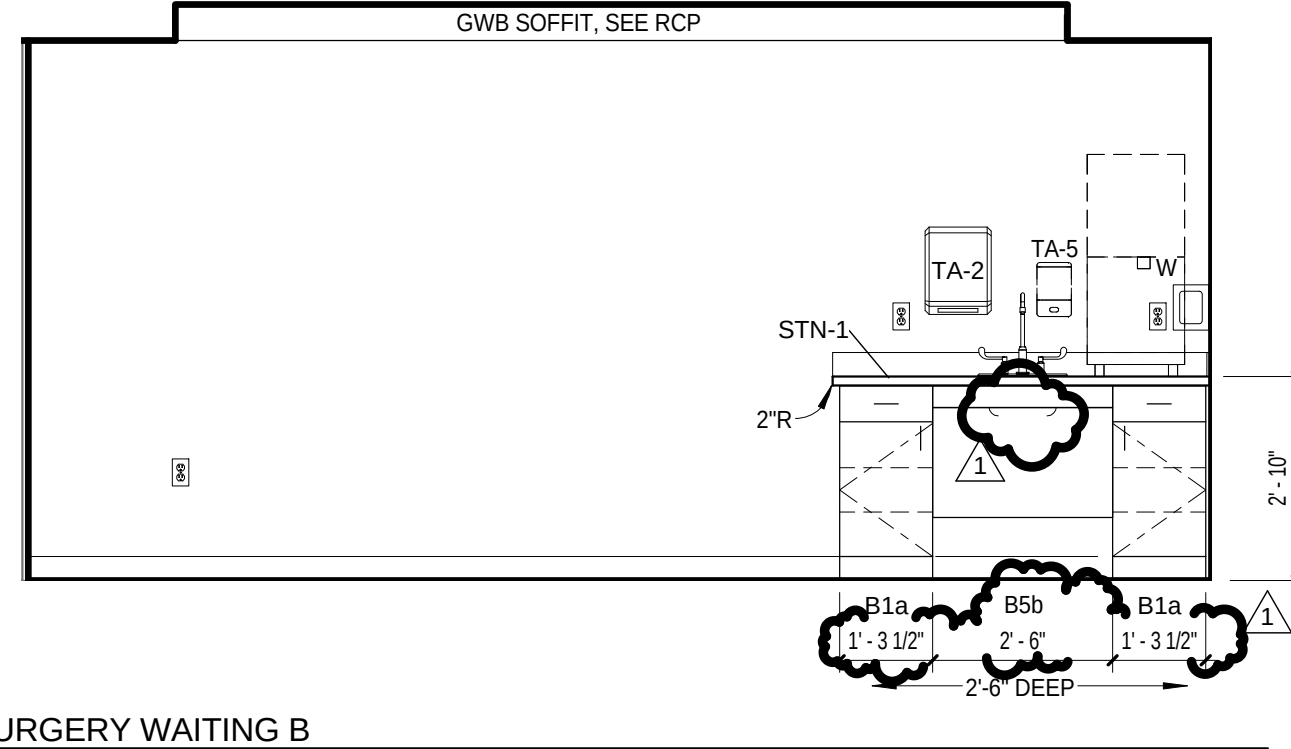
9 ON CALL TLT TLT
A7-9 3/8" = 1'-0"



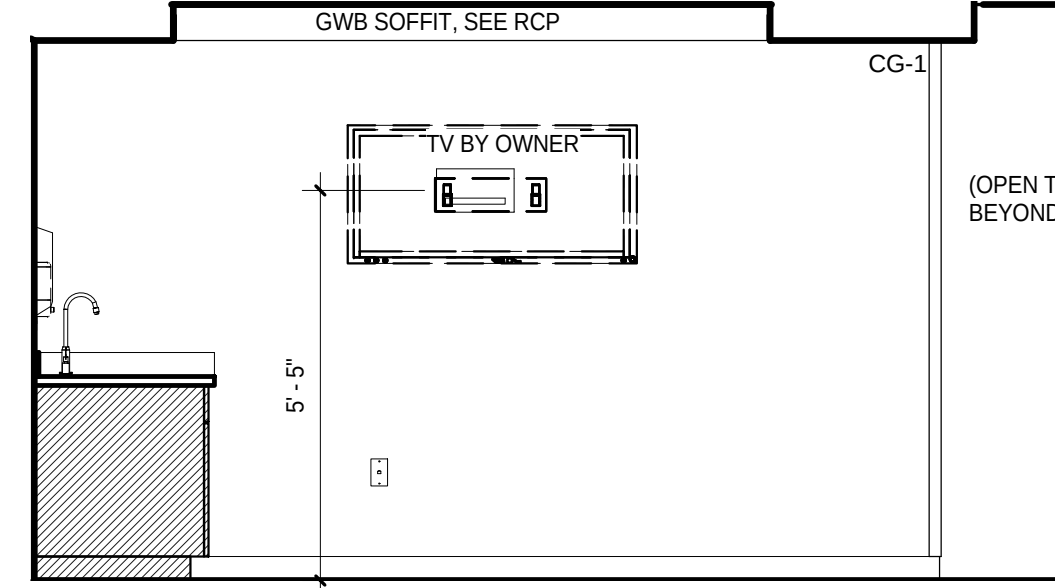
10 ON CALL TLT SIDE
A7-9 3/8" = 1'-0"



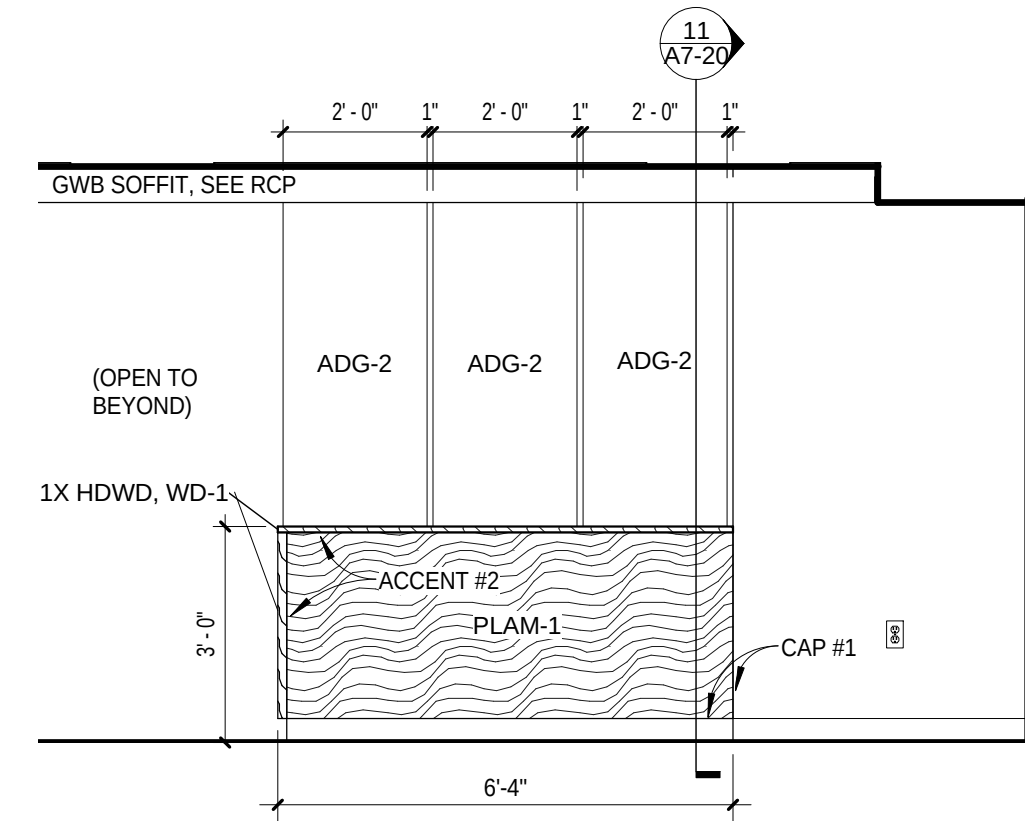
11 SURGERY WAITING A
A7-9 3/8" = 1'-0"



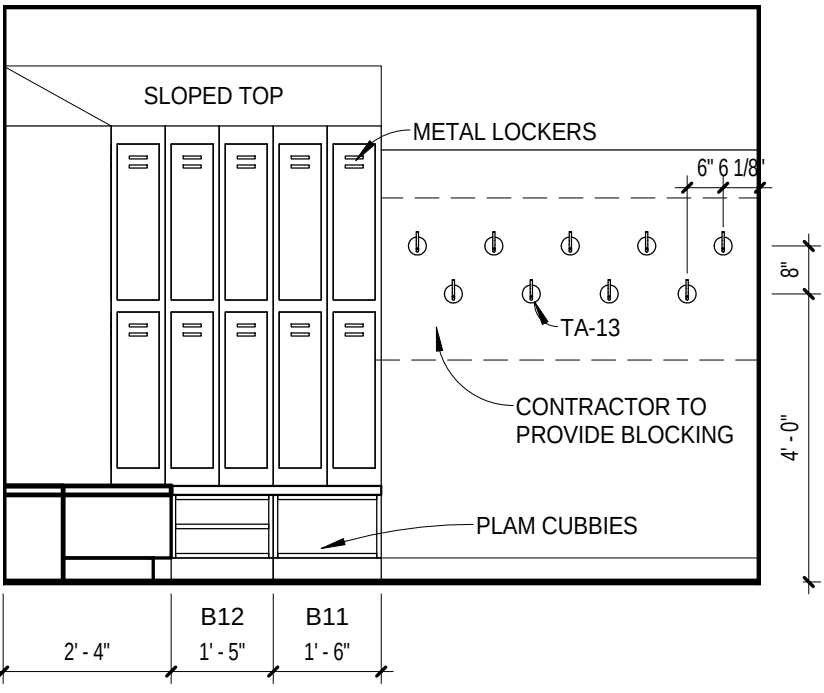
12 SURGERY WAITING B
A7-9 3/8" = 1'-0"



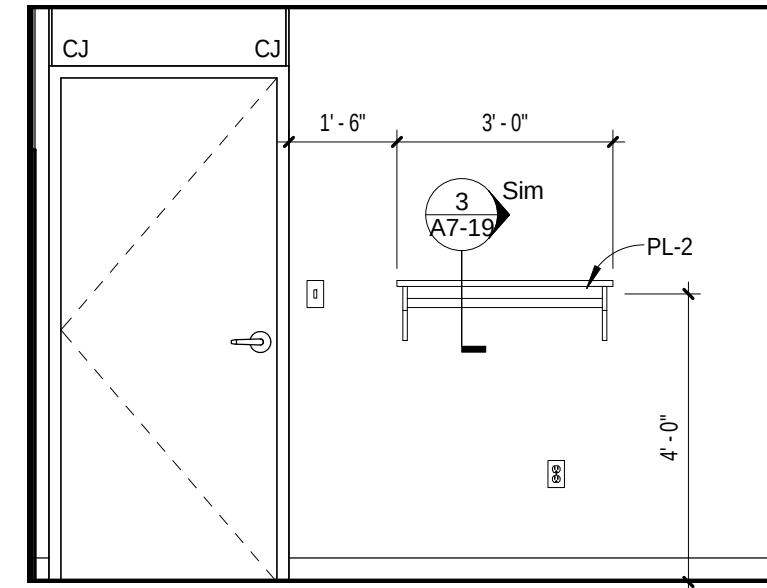
13 SURGERY WAITING C
A7-9 3/8" = 1'-0"



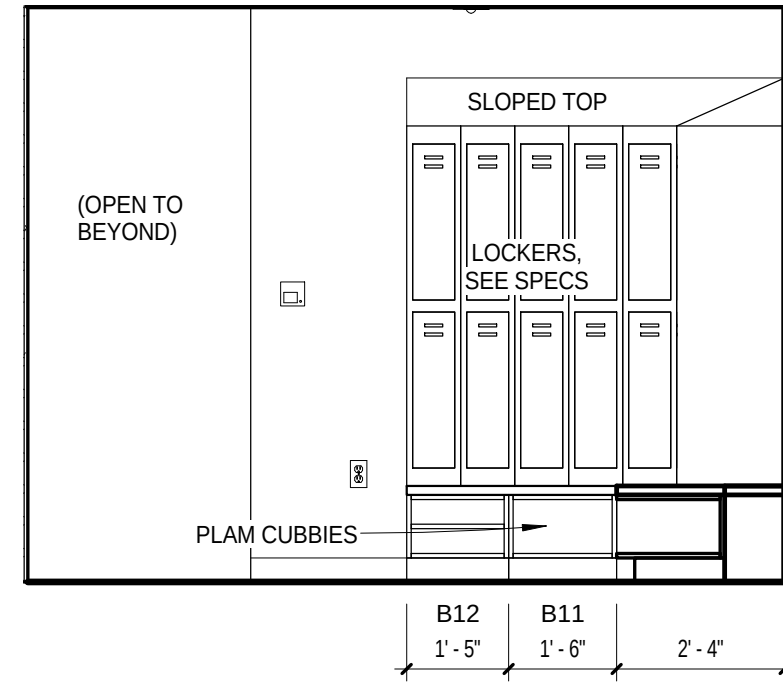
14 SURGERY WAITING D
A7-9 3/8" = 1'-0"



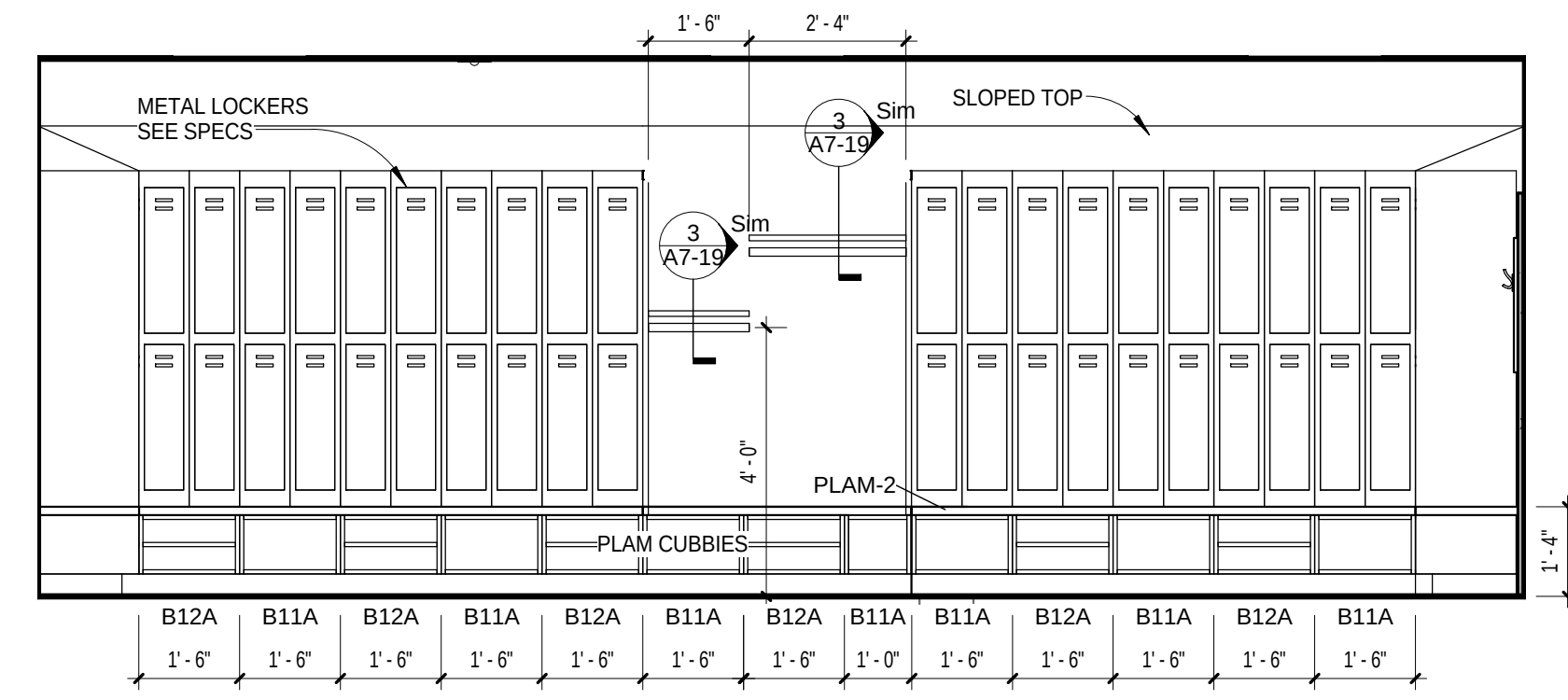
15 FEMALE LOCKERS - C
A7-9 3/8" = 1'-0"



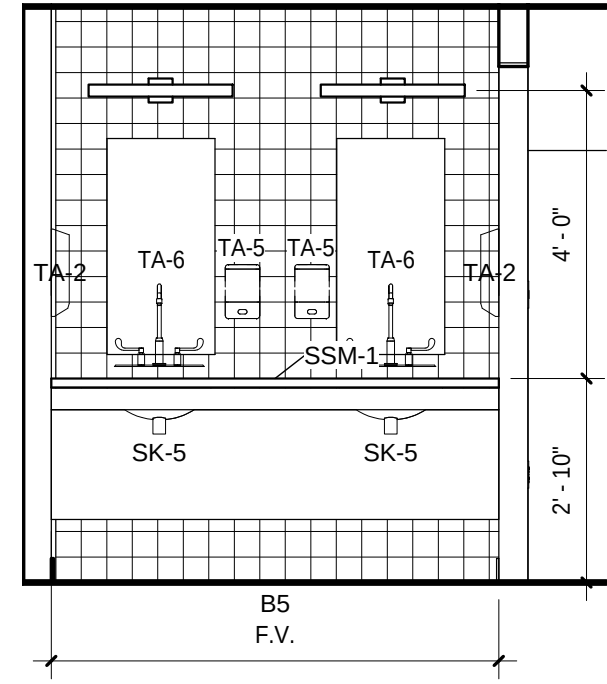
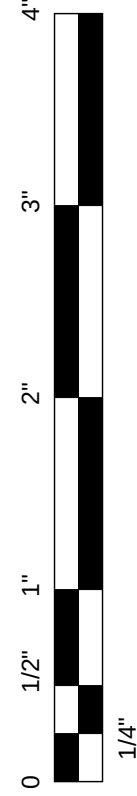
16 FEMALE LOCKERS COAT RACK
A7-9 3/8" = 1'-0"



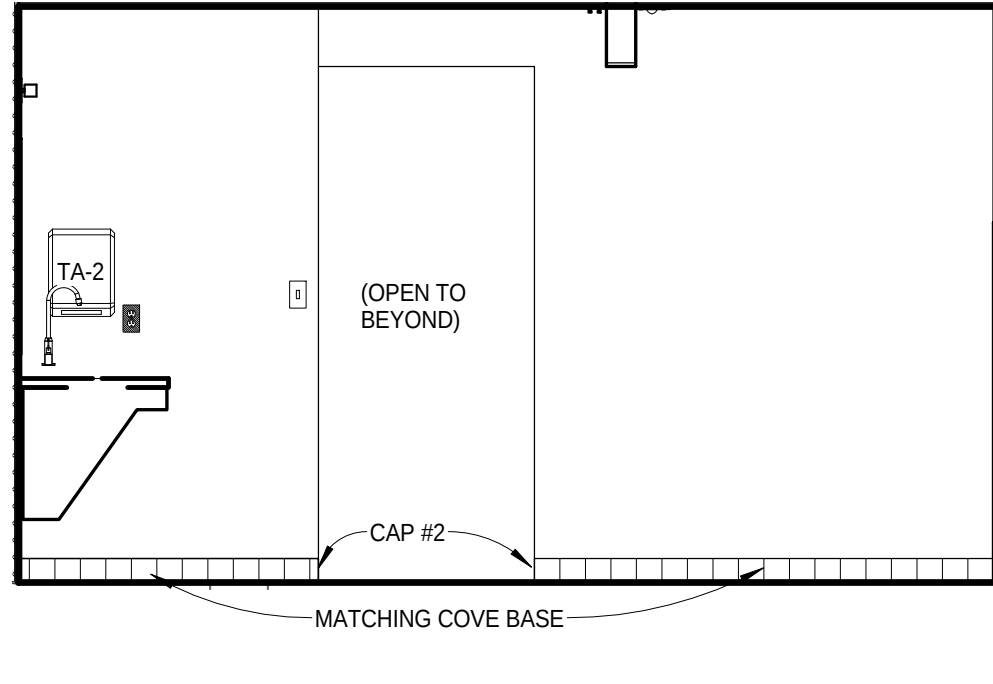
17 FEMALE LOCKERS - A
A7-9 3/8" = 1'-0"



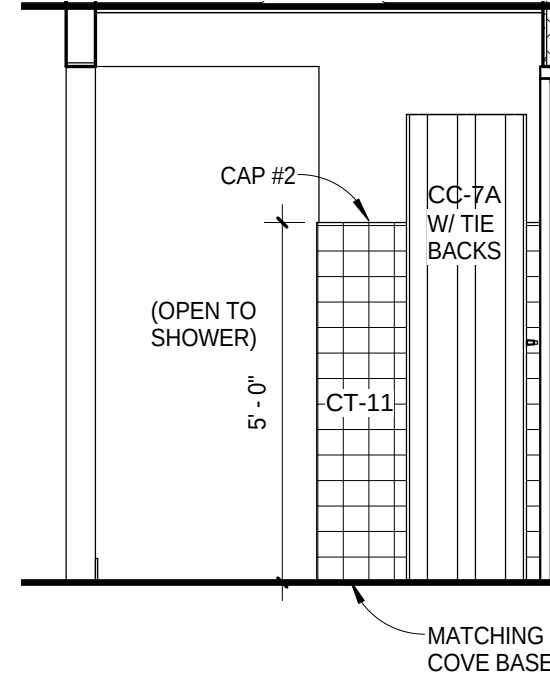
18 SURGERY FEMALE LOCKERS
A7-9 3/8" = 1'-0"



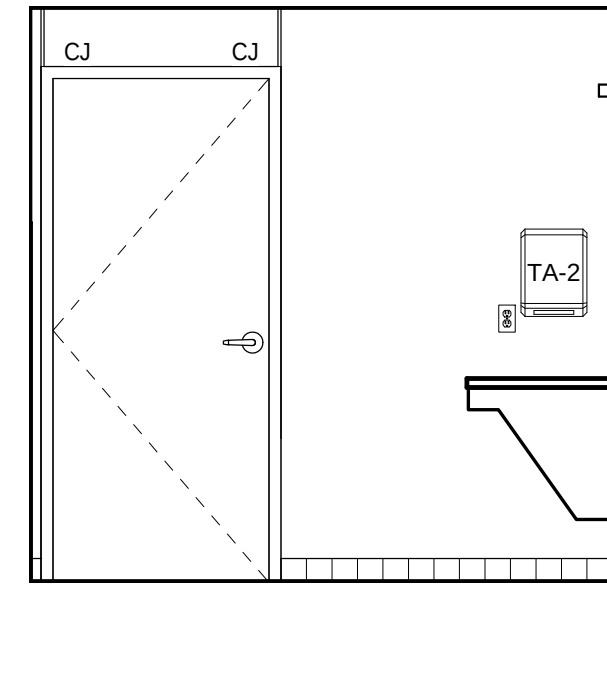
1 TLT LOCKERS - SINK
A7-10 / 3/8" = 1'-0"



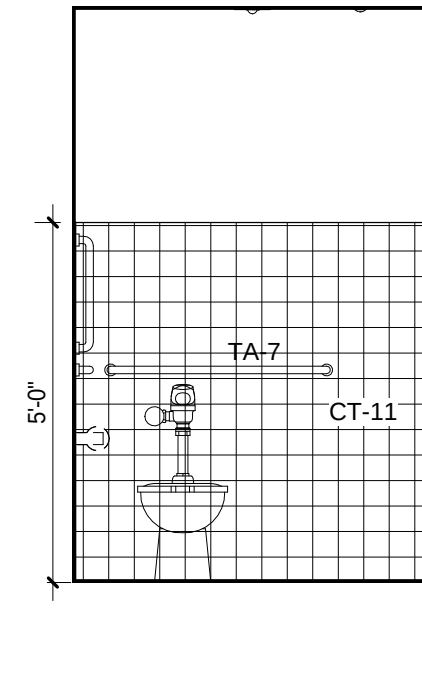
2 TLT LOCKERS - SIDE SINK
A7-10 / 3/8" = 1'-0"



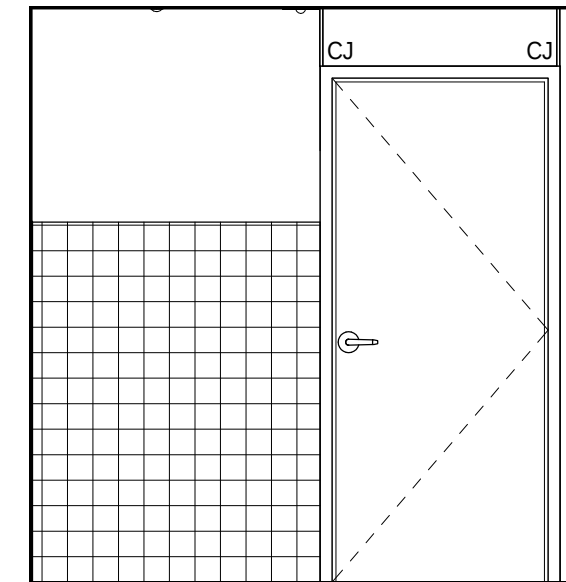
3 LOCKERS TLT -
A7-10 / 3/8" = 1'-0"



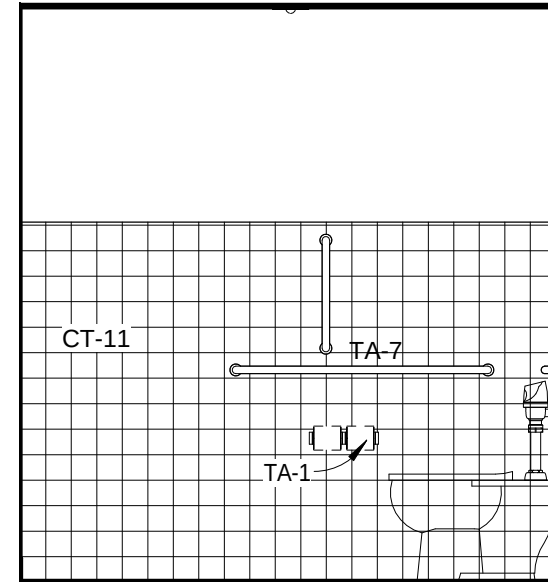
4 LOCKERS TLT - TLT SIDE
A7-10 / 3/8" = 1'-0"



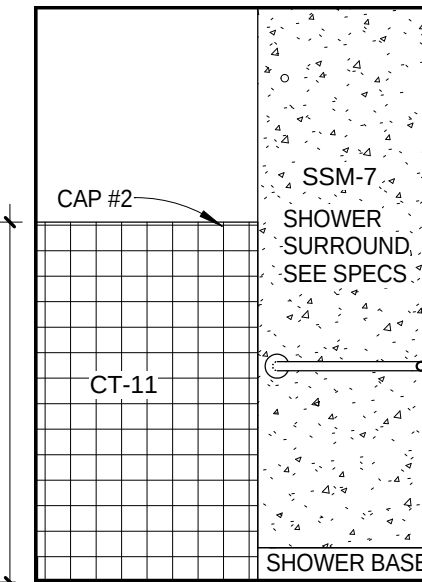
5 TLT 1443 - NORTH
A7-10 / 3/8" = 1'-0"



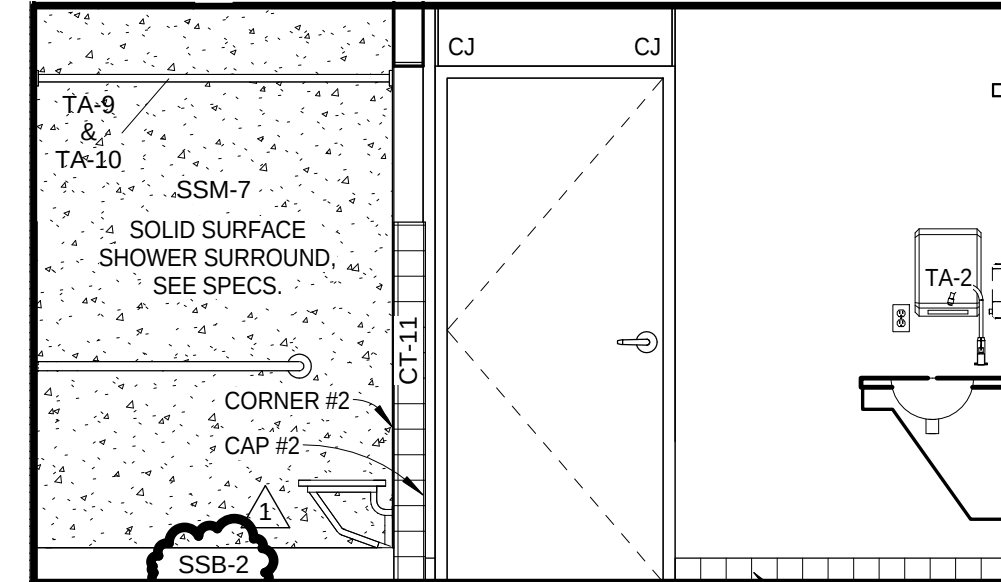
6 TLT 1443 - EAST
A7-10 / 3/8" = 1'-0"



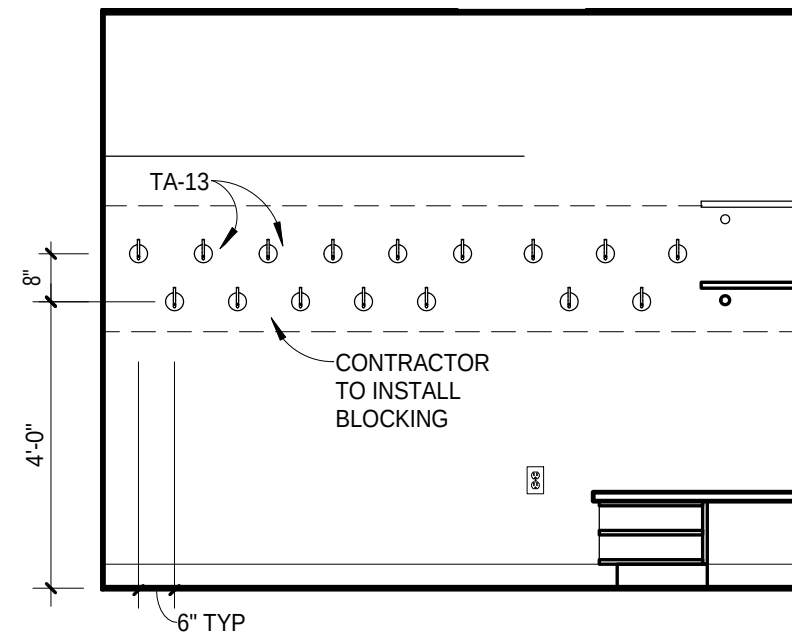
7 TLT 1443 - WEST
A7-10 / 3/8" = 1'-0"



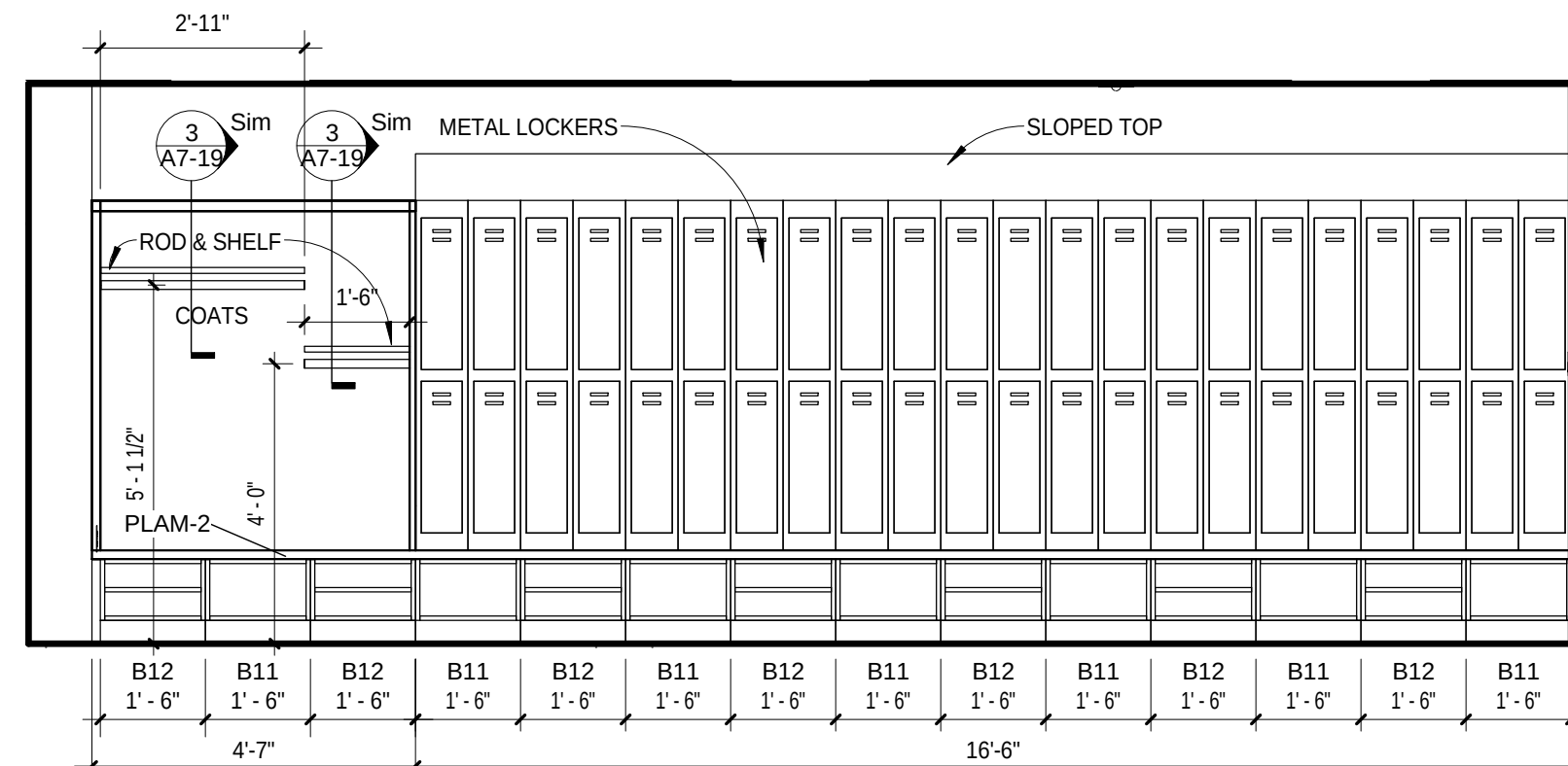
8 LOCKER TLT - SHOWER SIDE
A7-10 / 3/8" = 1'-0"



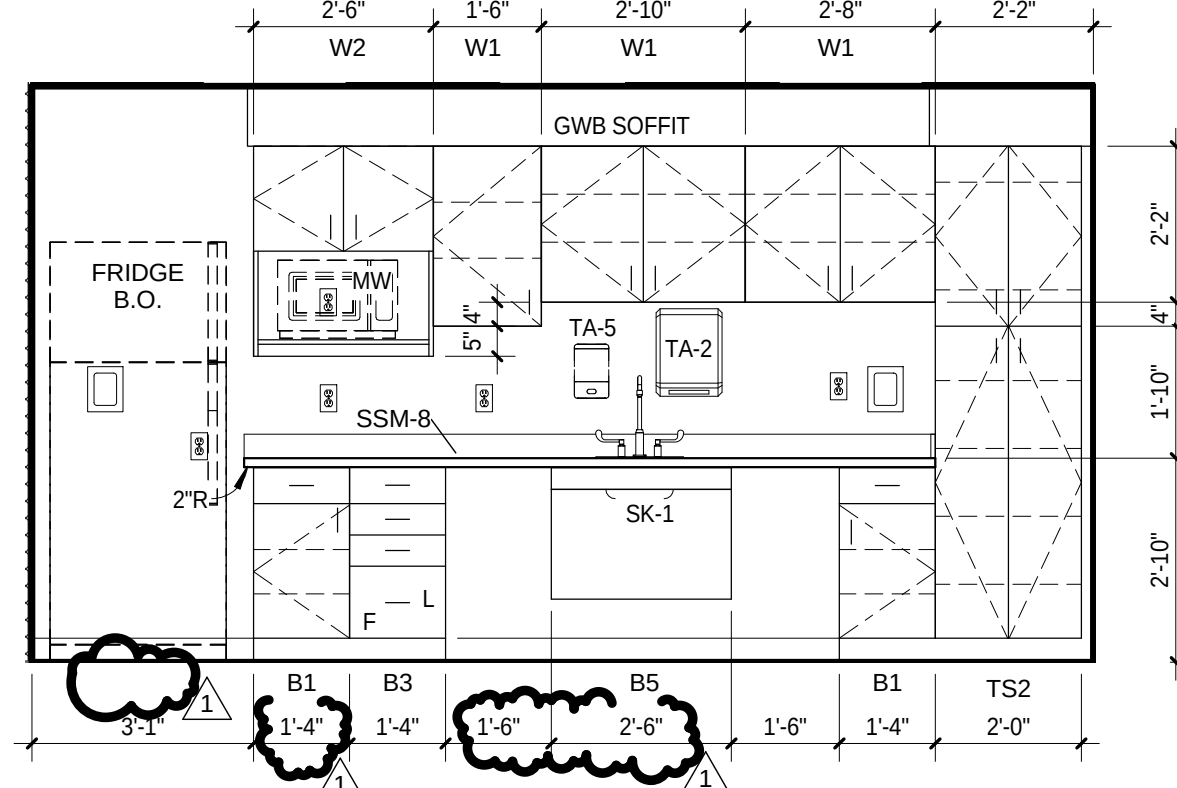
9 LOCKER TLT - SHOWER
A7-10 / 3/8" = 1'-0"



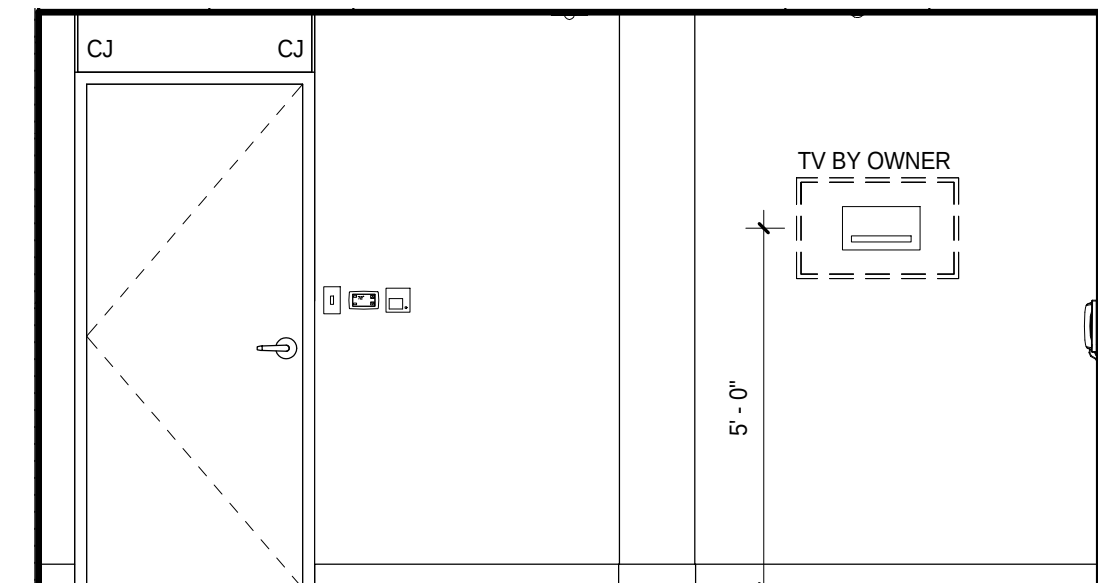
10 MENS STAFF LOCKERS
A7-10 / 3/8" = 1'-0"



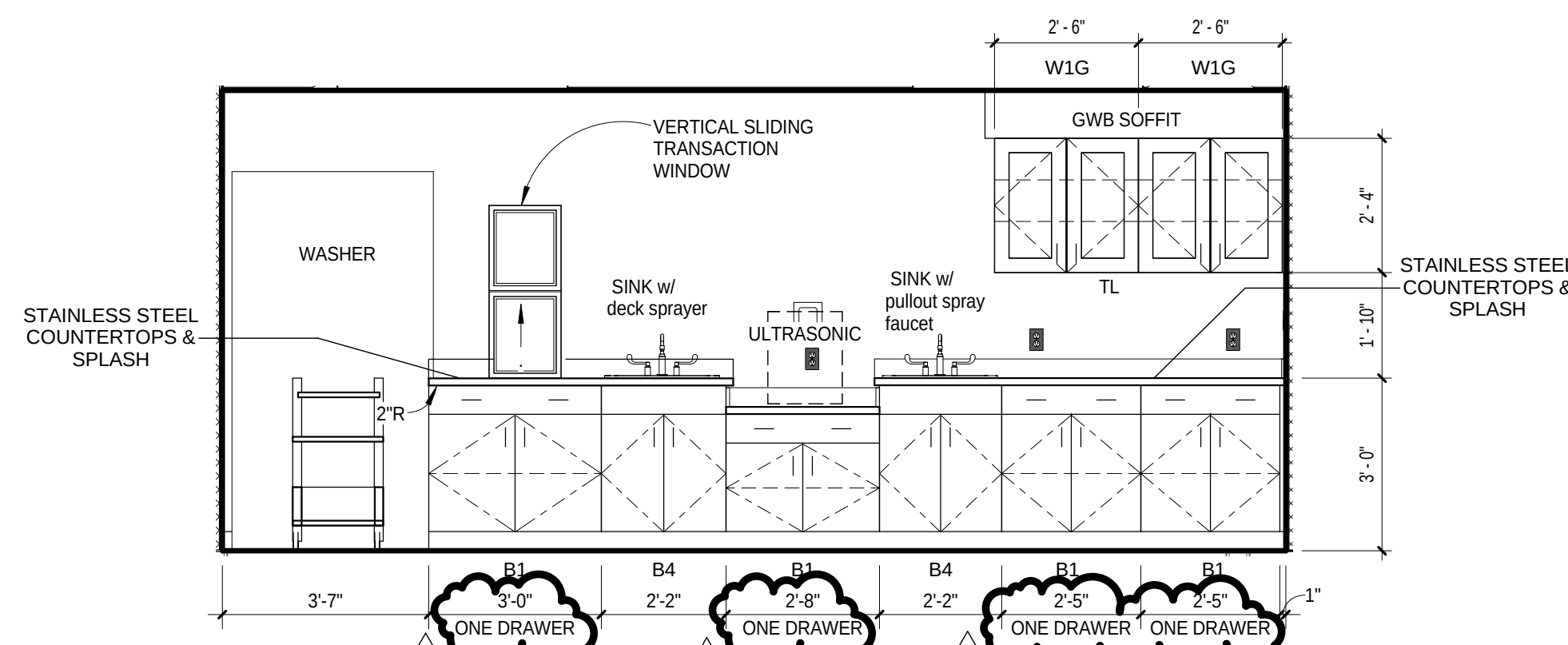
11 SURGERY MALE LOCKERS
A7-10 / 3/8" = 1'-0"



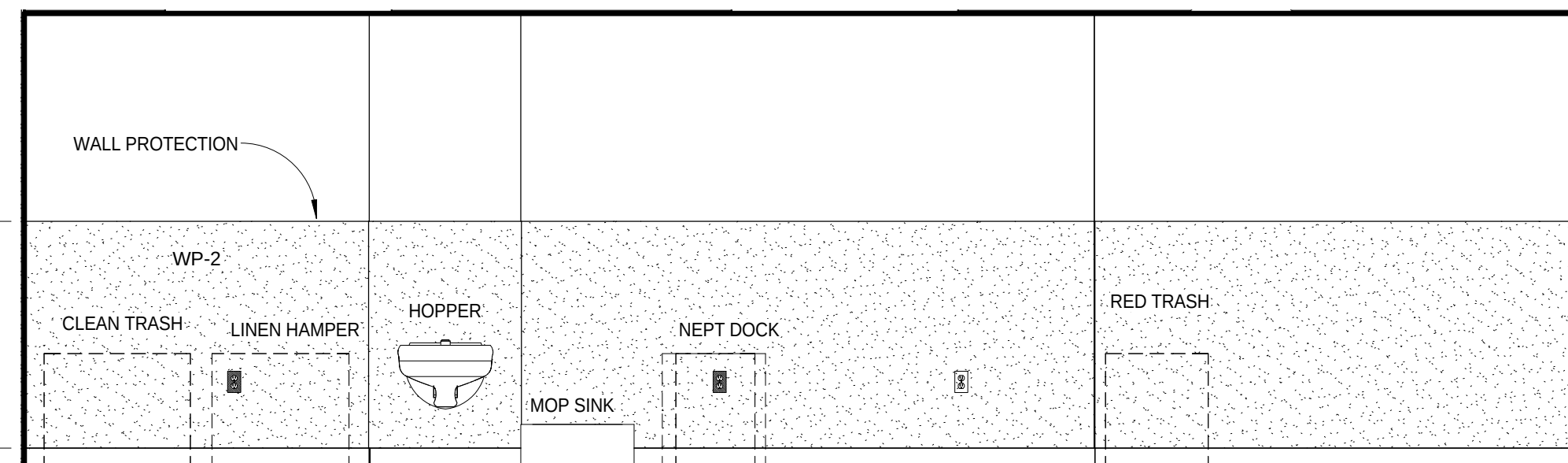
12 SURGERY STAFF LOUNGE
A7-10 / 3/8" = 1'-0"



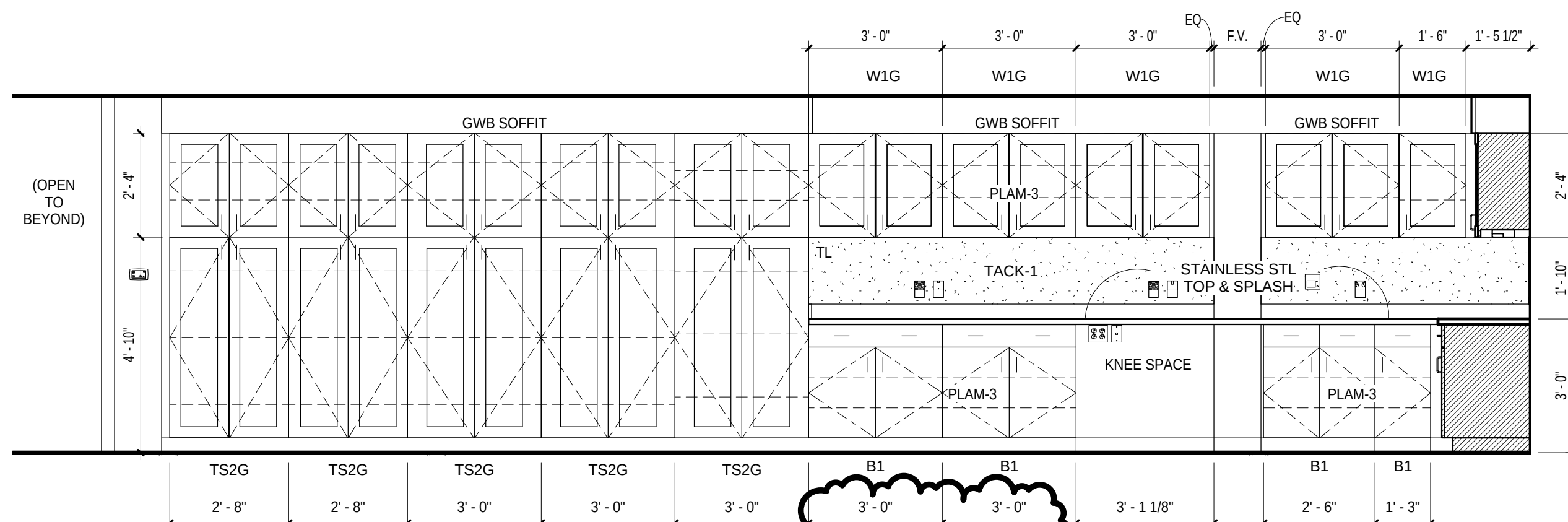
13 STAFF LOUNGE - TV
A7-10 / 3/8" = 1'-0"



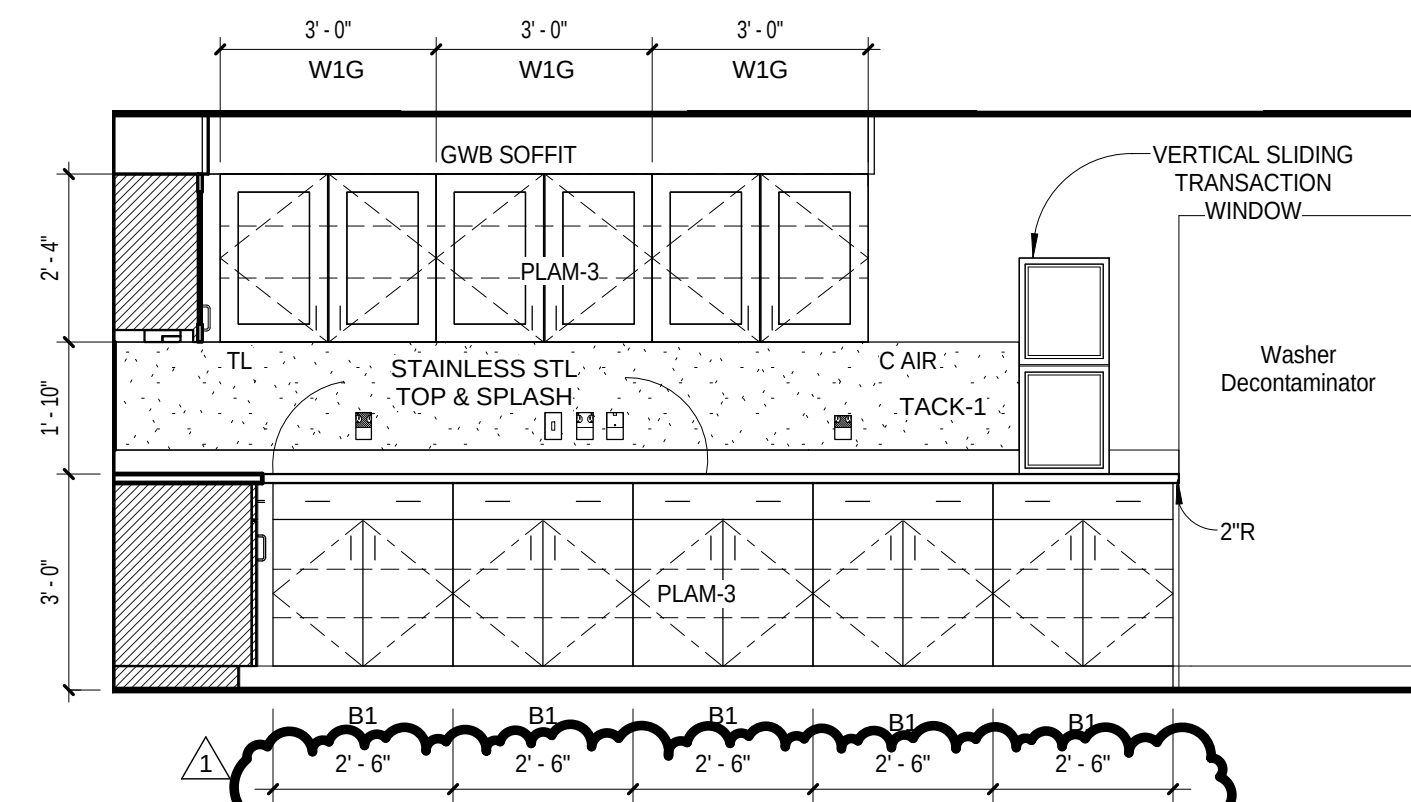
14 SURGERY DECONTAM A
A7-10 / 3/8" = 1'-0"



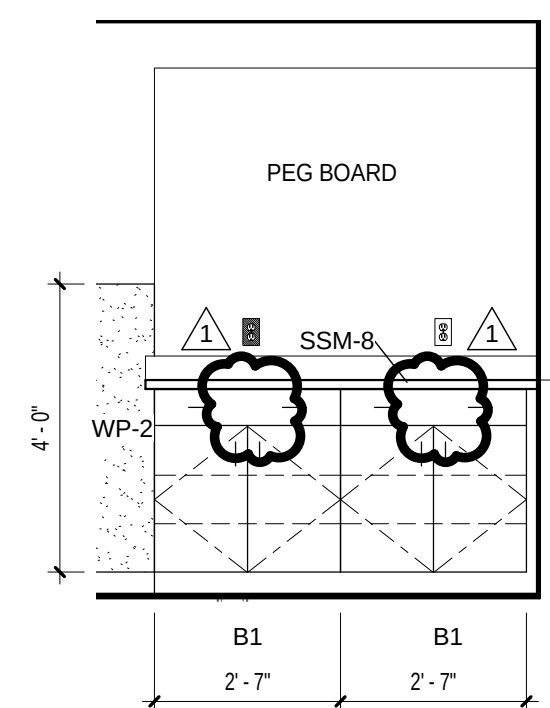
15 SURGERY DECONTAM C
A7-10 / 3/8" = 1'-0"



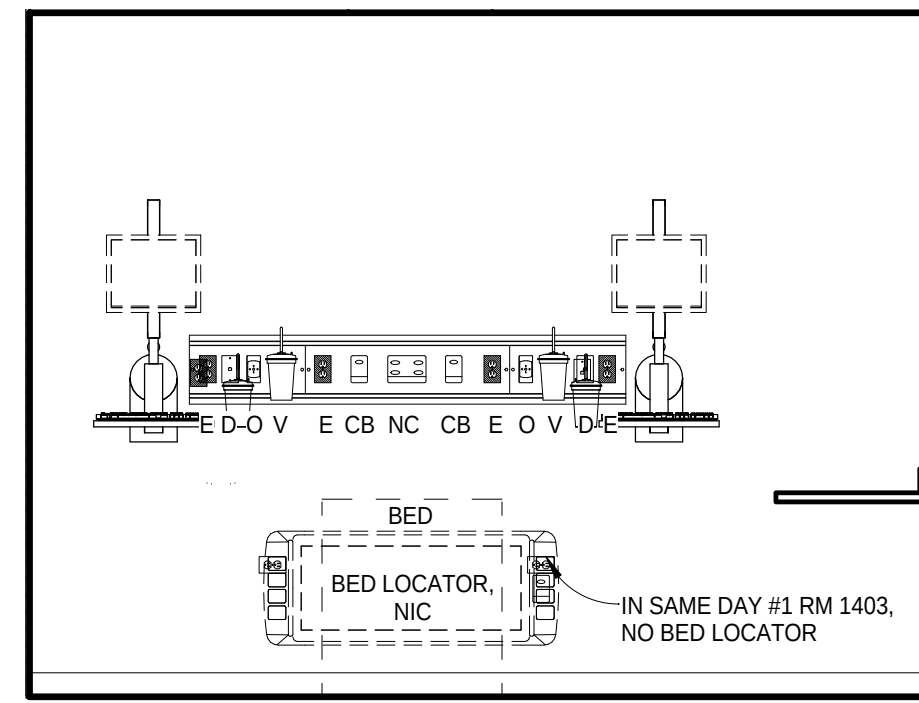
16 SURGERY CS A
A7-10 / 3/8" = 1'-0"



17 SURGERY CS B
A7-10 / 3/8" = 1'-0"



18 SURGERY CS C
A7-10 / 3/8" = 1'-0"



1st FLOOR

Overall dimensions: 2'-6" (W1), 2'-10" (W2), 2'-6" (W3), 2'-10" (W4).

Room labels and dimensions:

- GWB SOFFIT
- TA-2
- TA-5
- SSM-8
- CSB
- TRASH
- SK-3
- HANGER ROOM
- REMOVABLE HANGER ROOM

Other dimensions: 2'-0", B9 1'-6", B5 2'-6", TS3 1'-0".

Technical drawing of the SSM-8 mobile workstation. The drawing shows a side view of the unit with various components and dimensions. Key components labeled include: TA-2 (top left), TL (top center), TA-5 (top right), HANGER ROD (top right), REMOVABLE HANGER ROD @ 48" (top right), SSM-8 (middle left), TRASH (bottom left), and SK-3 (bottom center). Dimensions are provided in feet and inches: Z=6" (top), W1 (top), Z=10" (left), Z=10" (middle left), 80 1'-6" (bottom left), 85 Z=6" (bottom center), and TS3 1'-0" (bottom right). A dashed line indicates a height of 72" for the hanger rod section.

[illegible]

Diagram showing a wall section with a wavy patterned area labeled "PLAM-1" and "ACCENT #2". The wall is flanked by "CJ" (Cabinet Joinery) and "SSM-8" (Solid Surface Material). The bottom edge is labeled "SEE ENLARGED PLAN".

Figure 10 shows two elevation views of the wall and ceiling for the 1000 sq ft office. The left view shows a wall with a rounded corner, a window with a rounded corner, and a ceiling with a rounded corner. The right view shows a wall with a rounded corner, a window with a rounded corner, and a ceiling with a rounded corner. The views are labeled with dimensions and notes.

Architectural section drawing of a building facade. The drawing shows a window unit with various labels and dimensions. Key elements include:

- Dimensions:**
 - Horizontal dimensions at the top: 2'-1" and 2'-1".
 - Horizontal dimensions at the bottom: B3 1'-4", B3 2'-2", B3 2'-2".
 - Vertical dimensions on the right: 2'-2", 1'-13/16", 2'-6 1/4", 1'-4".
 - Horizontal dimension for the window opening: 2'-2 1/4".
 - Horizontal dimension for the window frame: B15A.
 - Horizontal dimension for the window frame: 2'-6 1/4".
 - Horizontal dimension for the window frame: 1'-4".
- Labels:**
 - GWB SOFIT
 - CG-1
 - CG-2
 - 4'-0" (E-GUAL SPACES)
 - W3 sim
 - CHARTS.
 - SSM-8
 - TL TACK-1
 - CSB
 - SSM-8
 - 7 A7-1P
 - B3
 - B3
 - B3
- Notes:**
 - 4'-0" (E-GUAL SPACES)
 - CHARTS.

[illegible]

Technical drawings of two cabinet configurations, CG-1 and CG-2, showing side elevations with dimensions and labels.

CG-1 (Left): Labeled "GWB SOFFIT, SEE RCP" at the top. The side elevation shows a cabinet with a top section labeled "7" and "Sim". Below this is a section labeled "TACK-1" and "SSM-8". The bottom section is labeled "SSM-8" and "B3". Dimensions include "1' - 1 1/2\"", "2' - 6 1/4\"", "3' - 8\"", "1' - 4\"", and "3' - 0\"".

CG-2 (Right): Labeled "CG-1" at the top. The side elevation shows a cabinet with a top section labeled "7" and "Sim". Below this is a section labeled "TACK-1" and "CSB". The bottom section is labeled "B3". Dimensions include "1' - 1 1/2\"", "2' - 6 1/4\"", "3' - 8\"", "1' - 4\"", and "3' - 0\"".

Technical drawing of a drop ceiling grid section. The drawing shows a cross-section of the ceiling assembly. Key components and dimensions include:

- Top Section:** GWS SOFFIT, SEE RCP
- Grid Dimensions:**
 - Grid width: 1' - 1 1/2"
 - Grid depth: 1' - 3 3/4"
 - Grid spacing: 1' - 1 1/2"
- Components:**
 - B15A:** Speaker
 - SSM-8:** SSM-8 (two locations)
 - TL:** Track 1
 - CSB:** Removable Plam Panel
 - F-L:** F-L (two locations)
 - EQ:** EQ (two locations)
 - B3:** B3 (one location)
 - 1'-4":** Dimension for the bottom section
- Other Labels:** (OPEN TO BEYOND), Sim, A7-18

Technical drawing of a cabinet layout showing two types of drawers:

- 1. LARGER DRAWER, TYPE**: Dimensions are 2'-8" wide and 3'-0" high. It features a GWB SOFFIT, TA-2, TA-5, SSM-8, and SK-1 components.
- 2. LARGER DRAWER, TYPE**: Dimensions are 2'-6" wide and 3'-0" high.

Technical drawing of a window unit showing dimensions and components. The drawing includes a side elevation and a top-down view of the window frame.

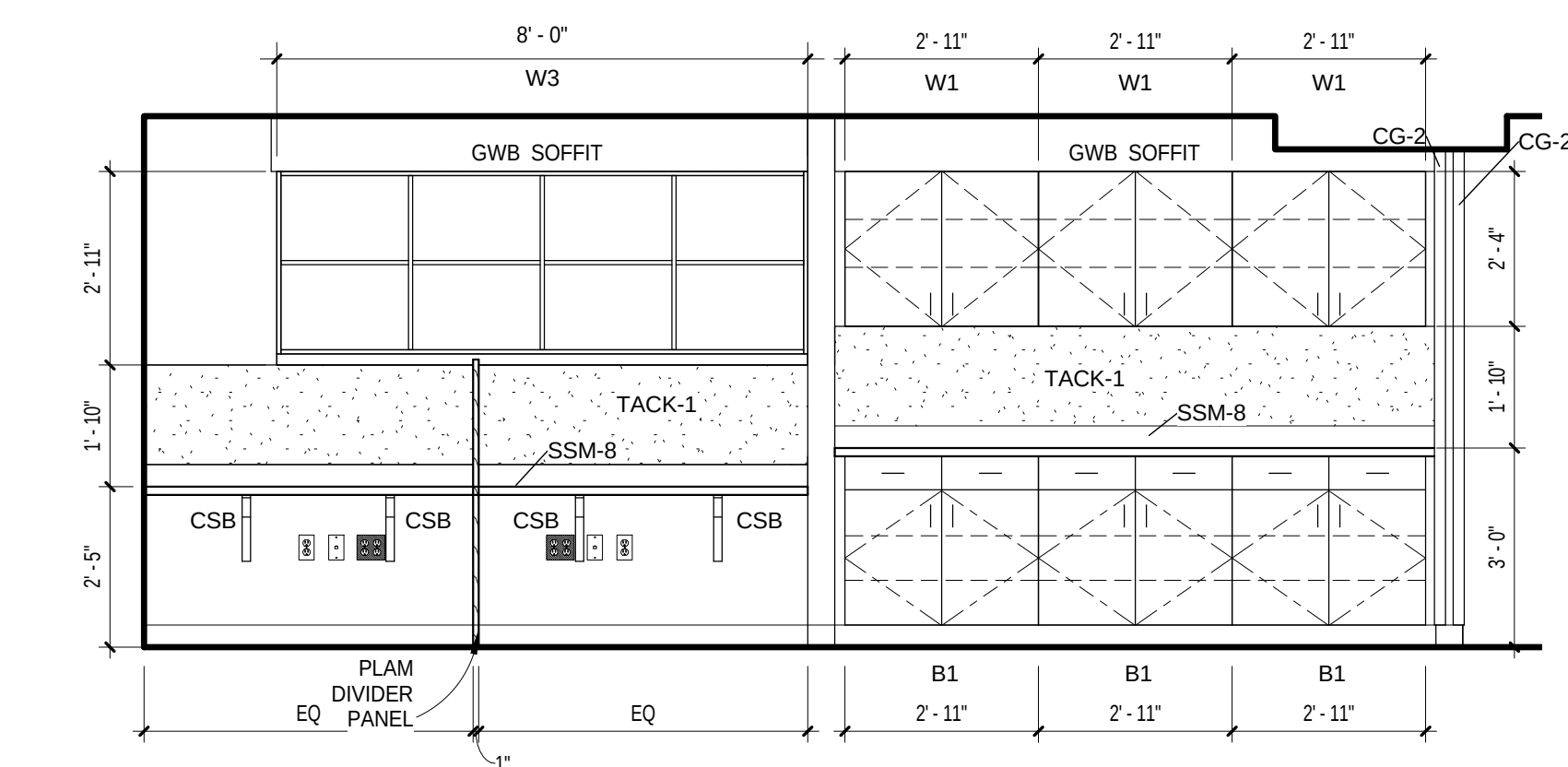
Dimensions:

- Overall width: 1'-6"
- Overall height: 2'-4"
- Top section width: 2'-8" (W1), 2'-8" (W1), 1'-6" (W1)
- Bottom section width: 2'-9" (TS2), 2'-10" (TS2), 2'-10" (TS2), 2'-9" (TS2), 1'-4" (B3), 1'-4" (EQ)

Components and Labels:

- GWB SOFFIT
- TL
- SSM-8
- EQ
- B3
- TS2

1'-3"		2'-6"		2'-4"		2'-4"		2'-4"		2'-4"	
W1		W1		W1		W1		W1		W1	
GWB SOFFIT				GWB SOFFIT							
TL				TL							
SSM-8				TA-2 TA-5 SSM-8							
EQ				Ref SK-1							
EQ				B1 B1							
B3 1'-4"		EQ		F.V.		Z-1"		B5A 2'-3"		B1 2'-8"	

[illegible][illegible]

CG-1

GWB SOFFIT, SEE RCP FOR ADD. INFO.

PP

CURVED ENDS

(OPEN TO BEYOND)

SSM-8

PLAM-1

GRAIN

3'-0"

16'-10"

Technical drawing of a wall section showing a curved end view. The wall has a total height of 10'-0" and a width of 8'-10 1/4". The wall is composed of a top section labeled "SSM-8" and a bottom section labeled "GRAVEL (PLAM-1)". The top section is 1'-0" thick, and the bottom section is 8'-0" thick. The wall is shown with curved ends and is labeled "CG-2".

[illegible][illegible]

6'-0"

W1G W1G

GWB SOFFIT

BLANKET WARMER

TL

SSM-8

AUTOCLAVE

CG

2'-11" B1

2'-11" B1

2'-11" B1

2'-10"

2'-10"

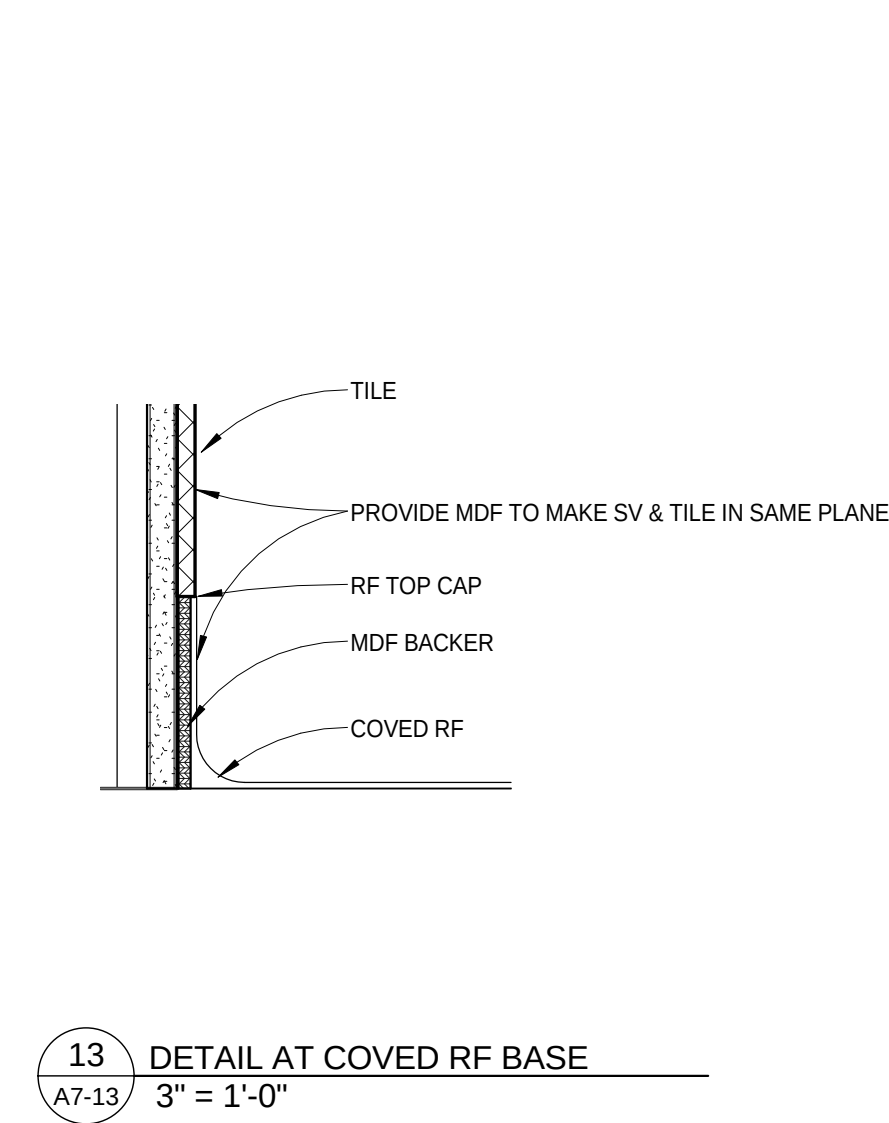
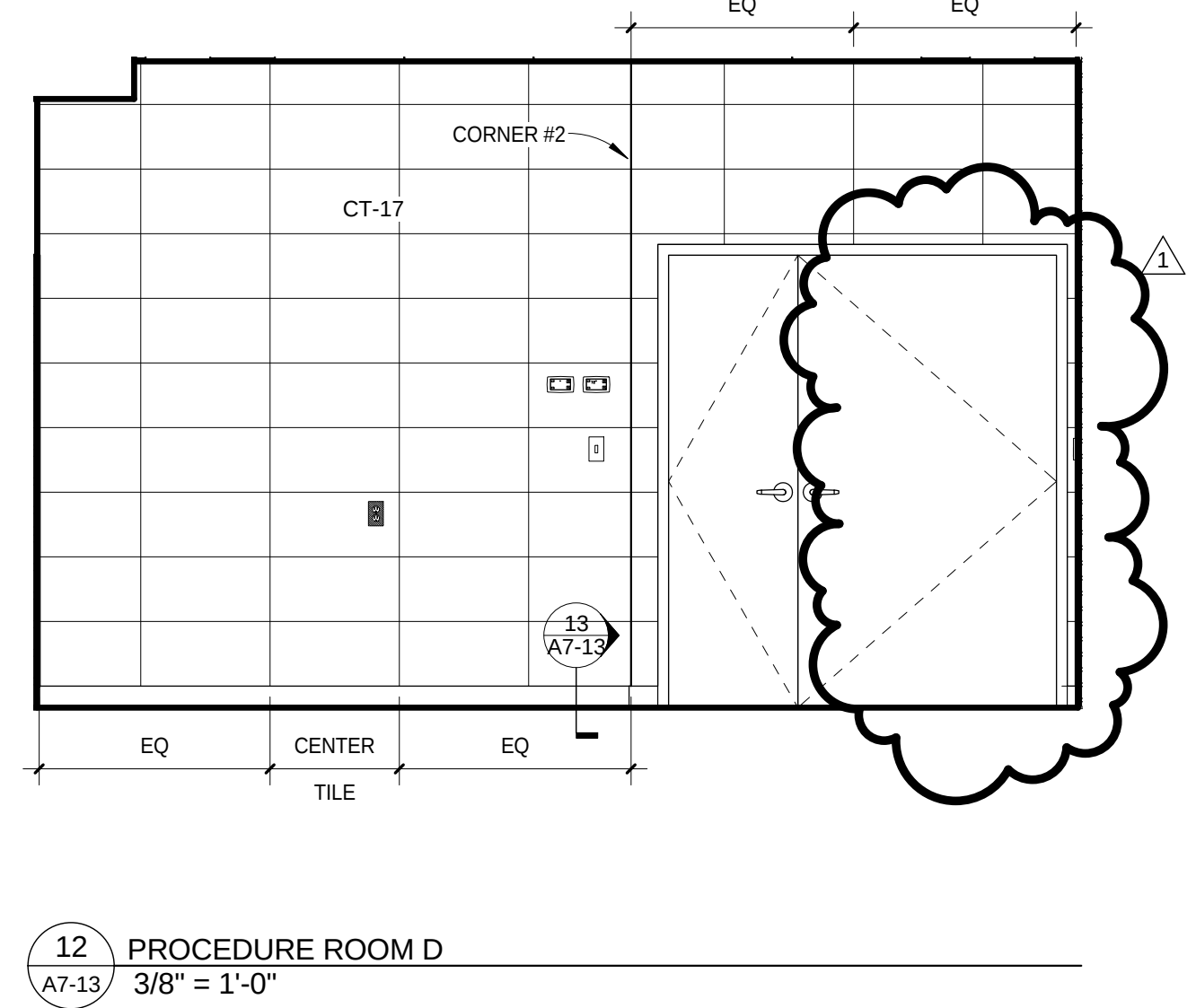
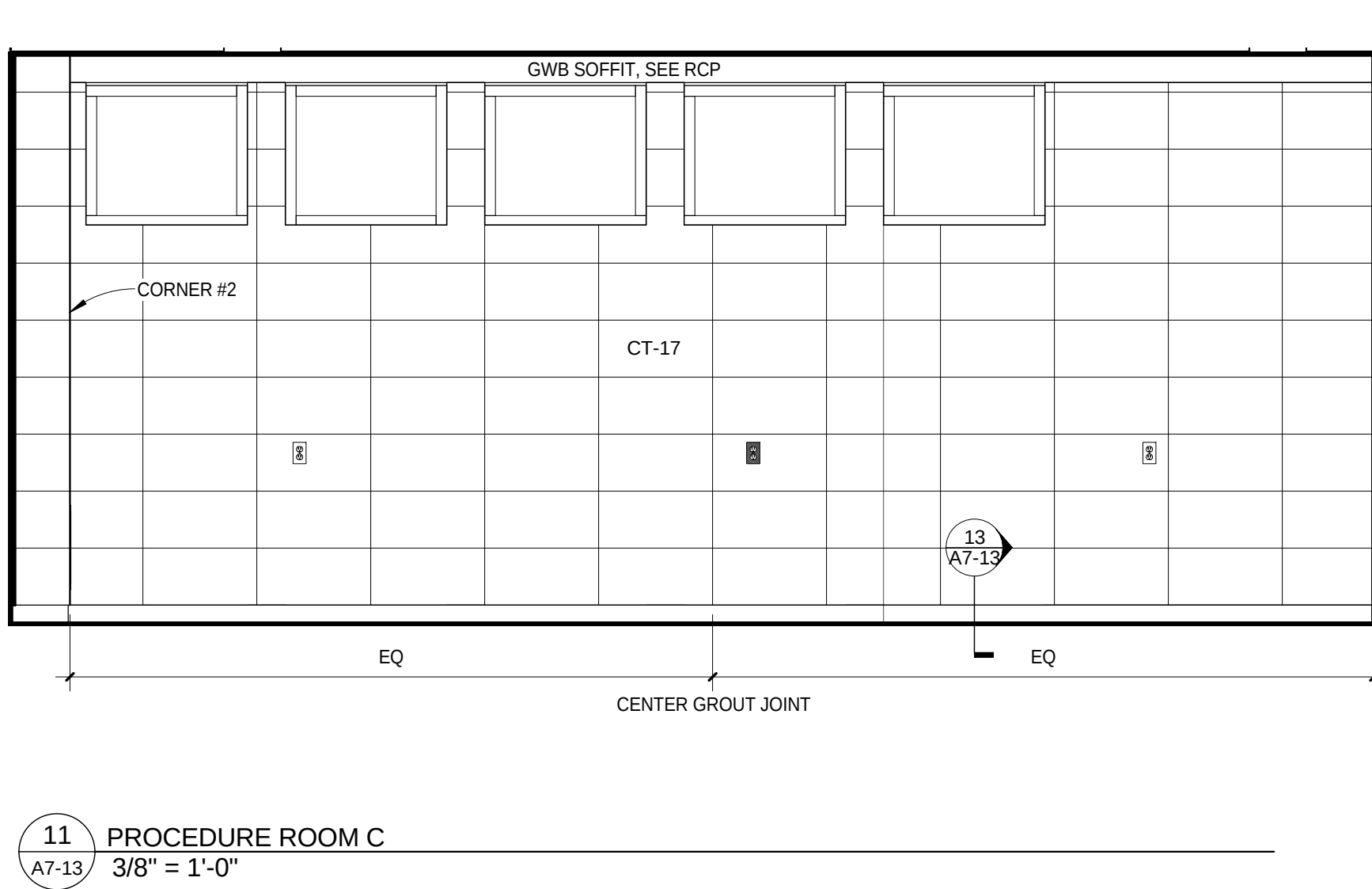
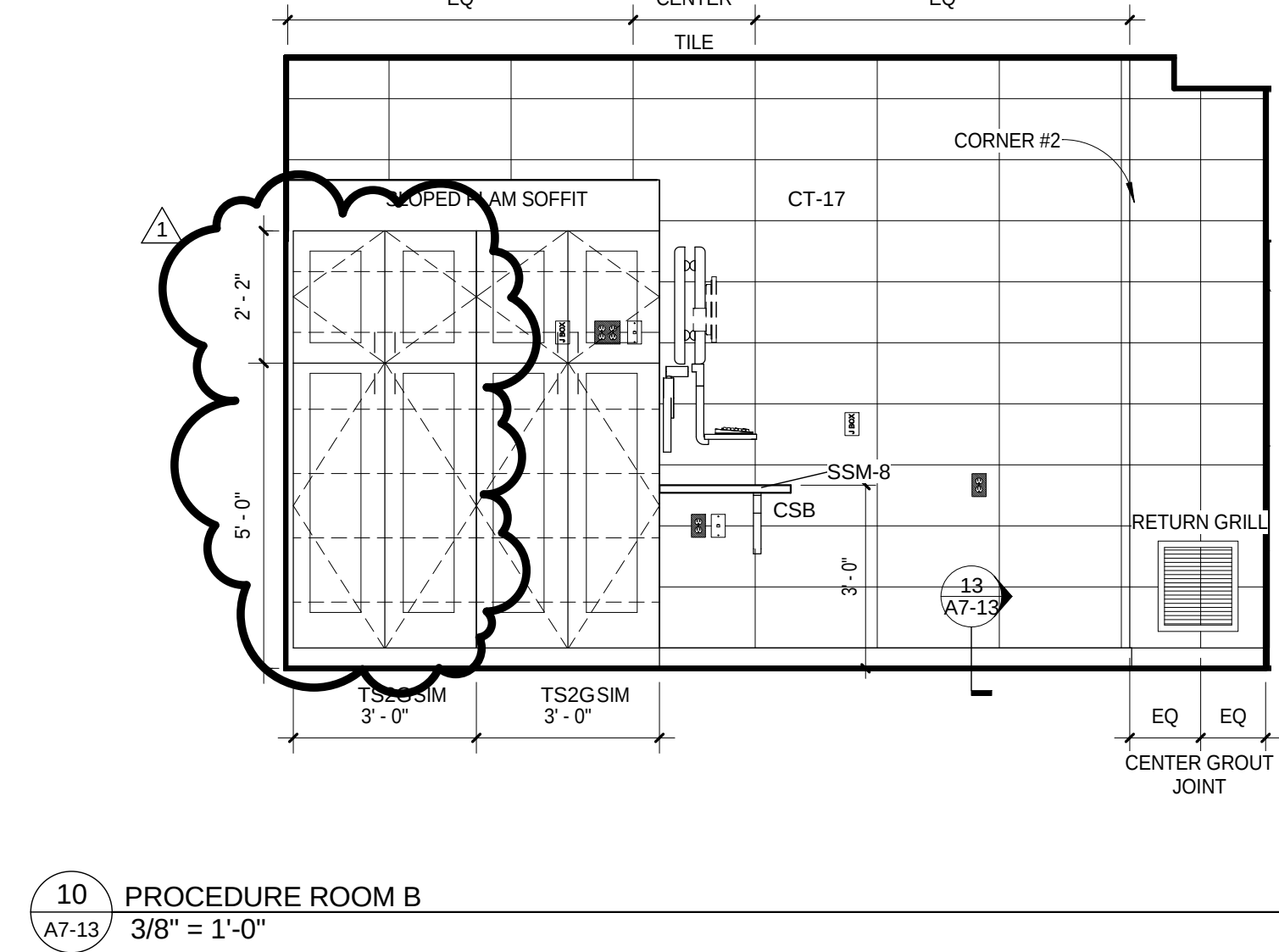
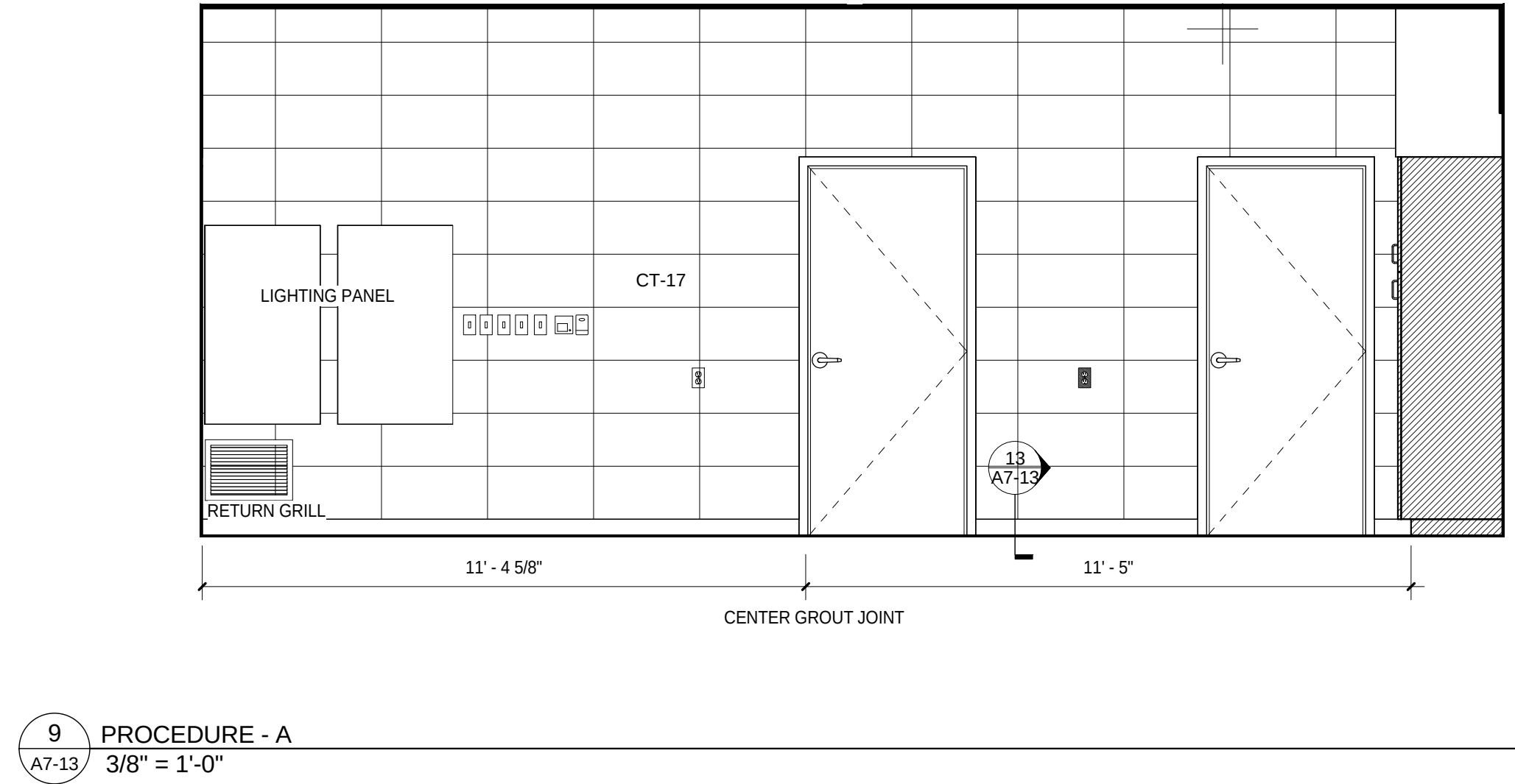
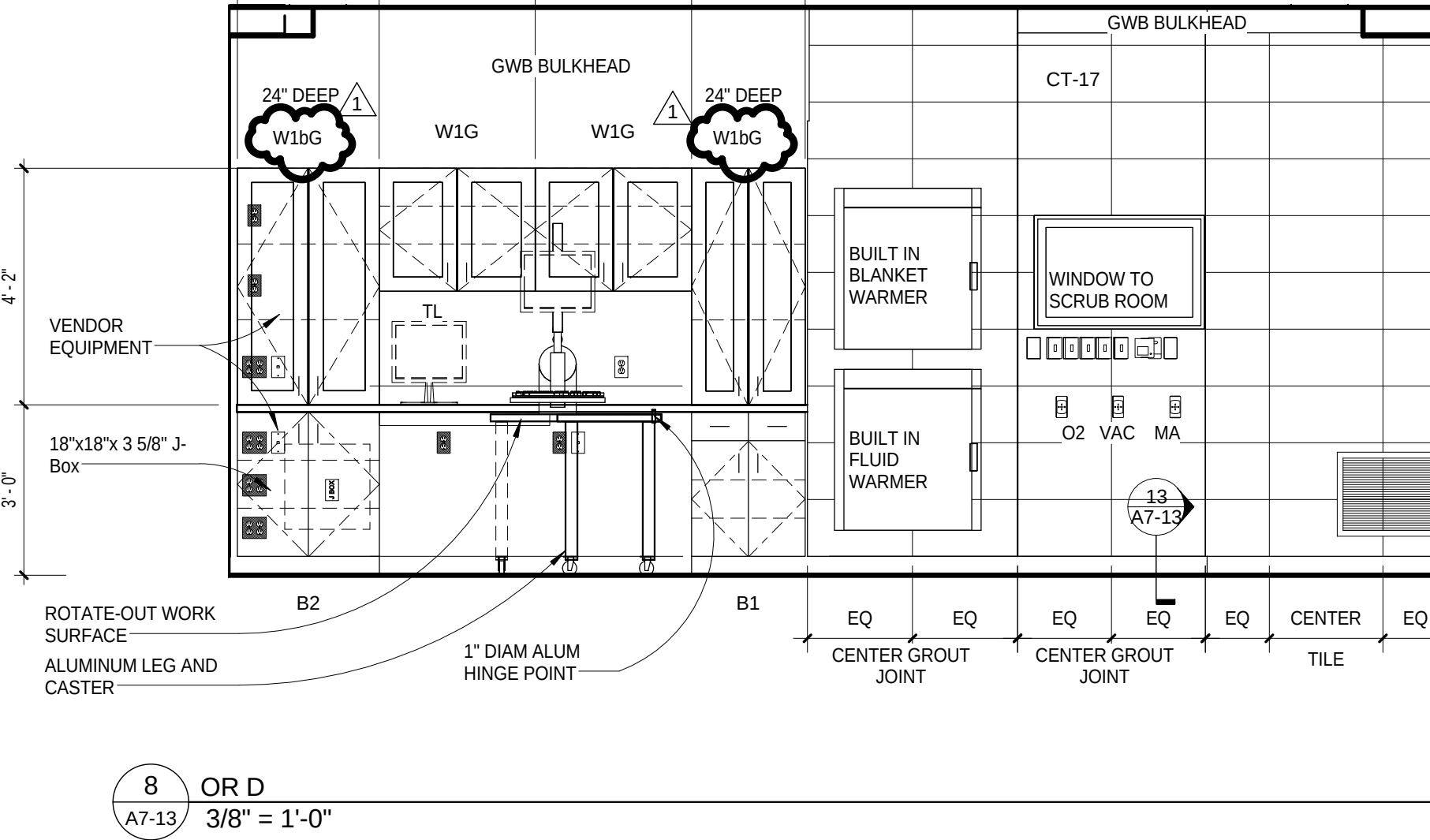
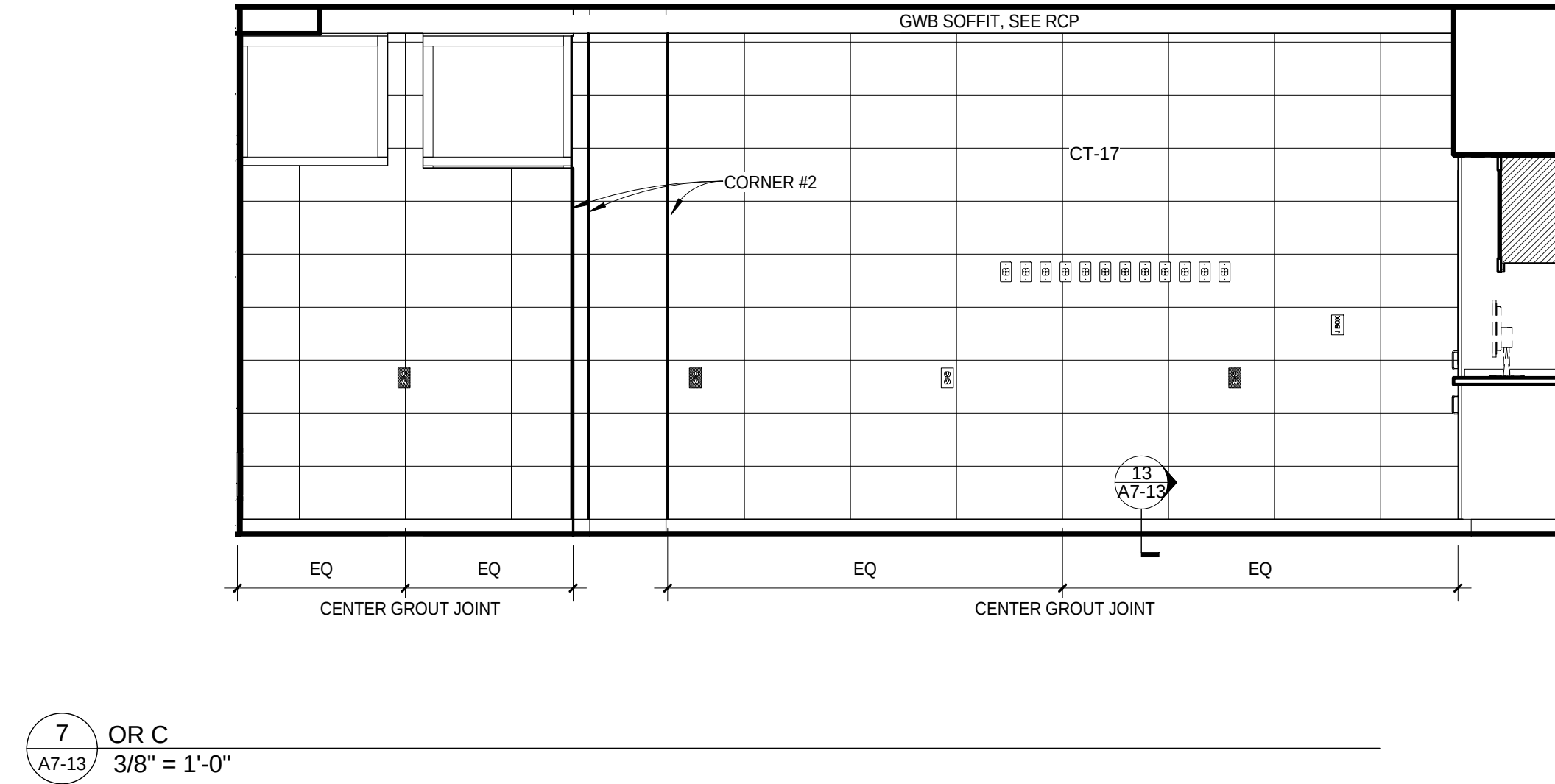
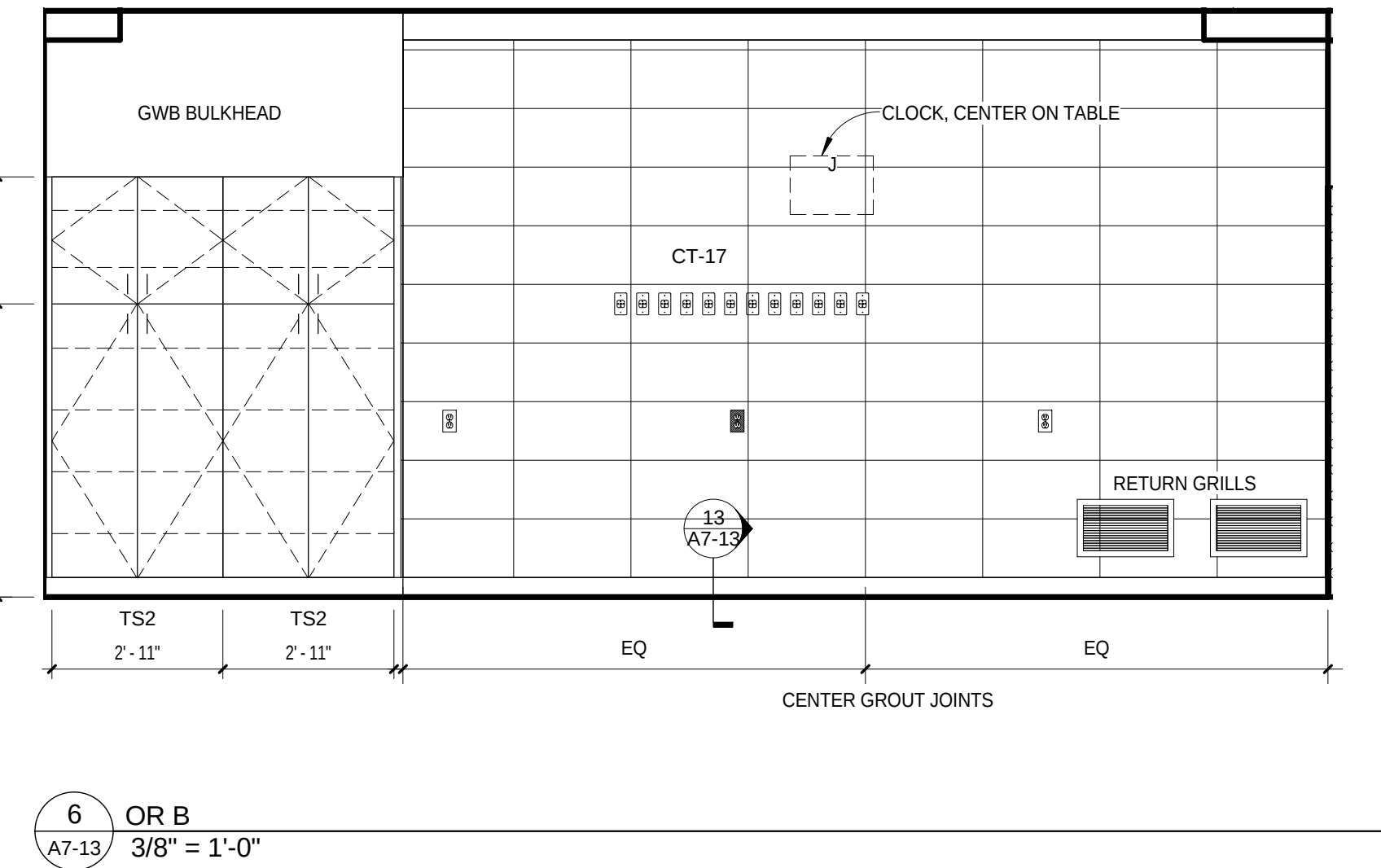
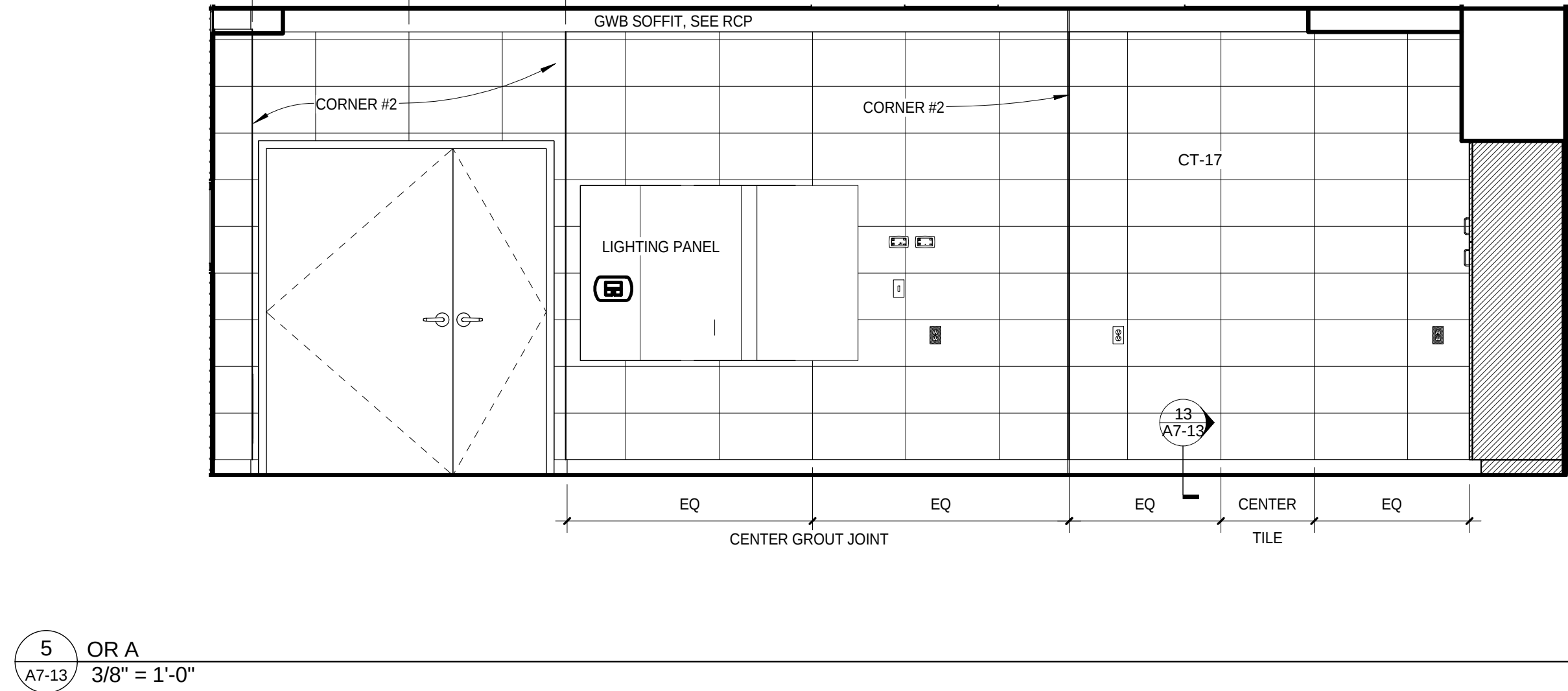
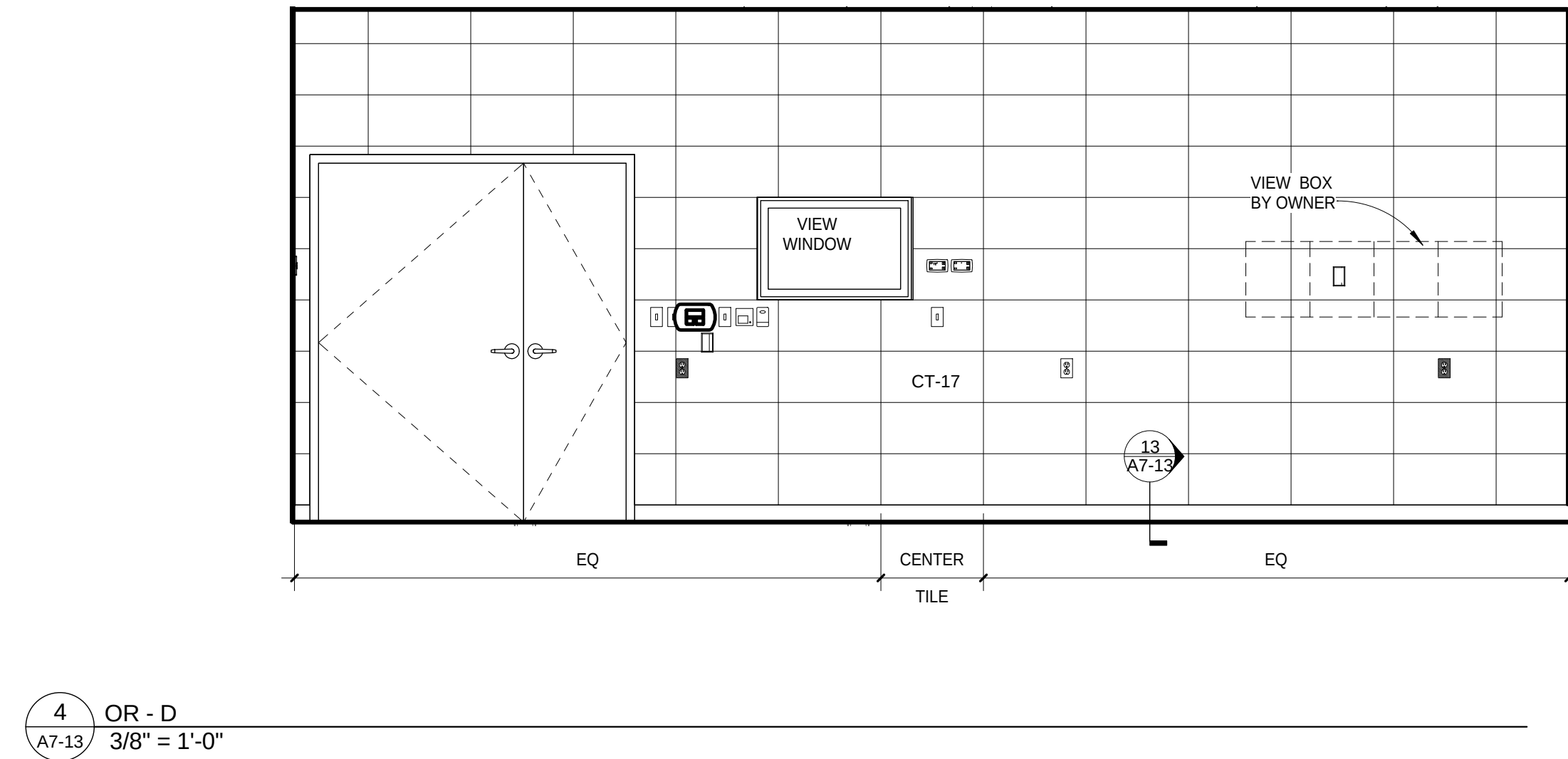
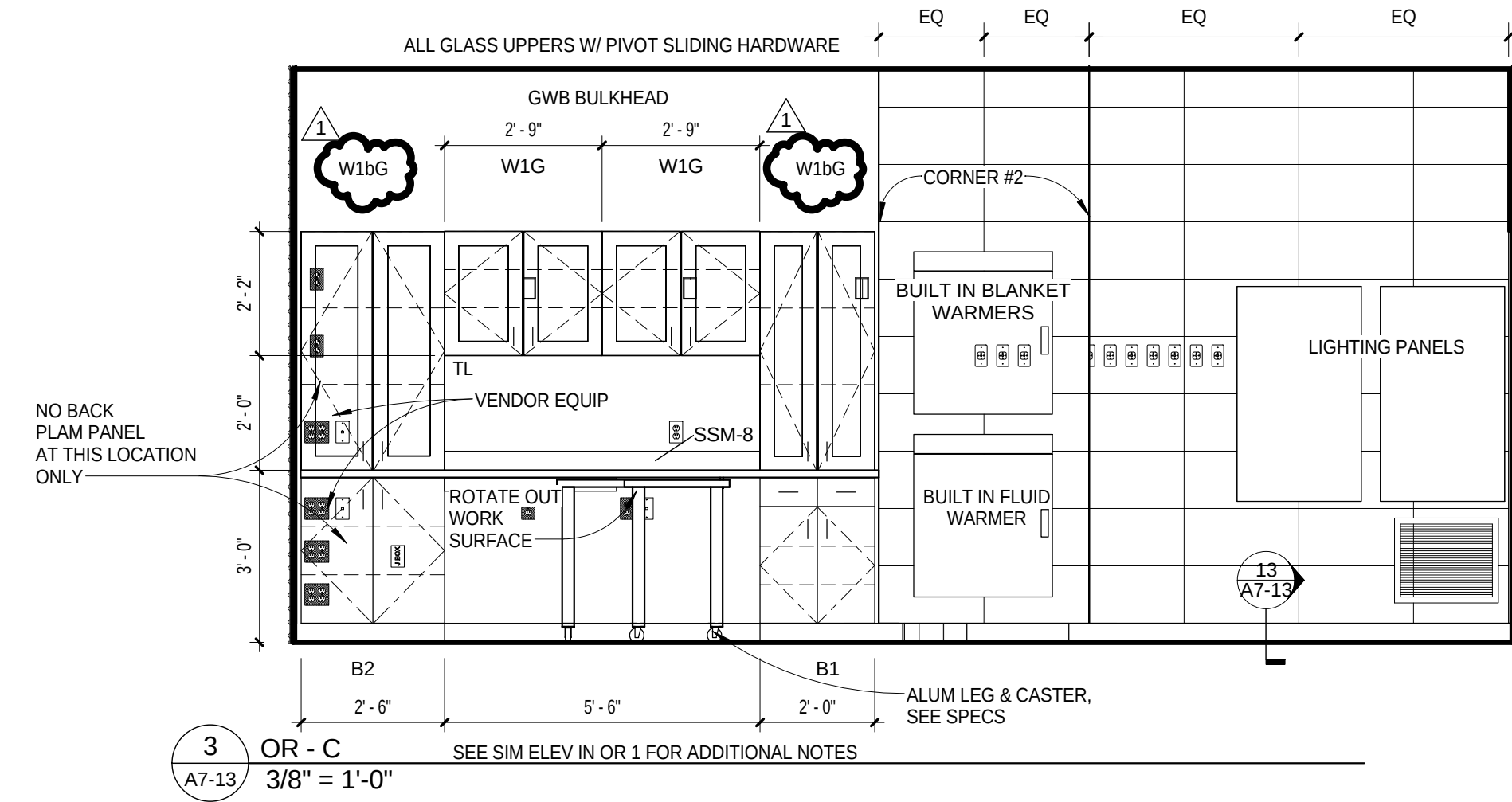
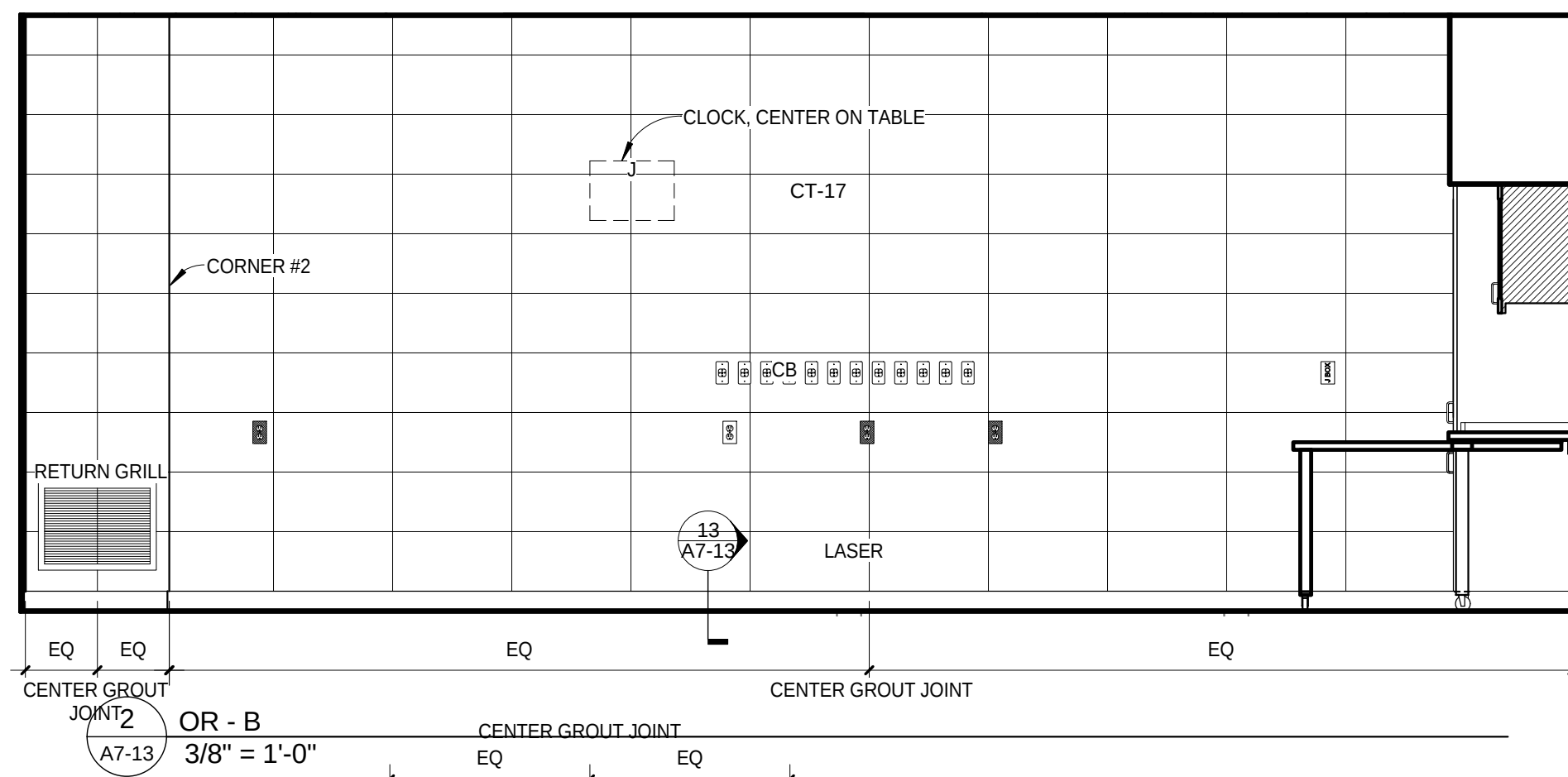
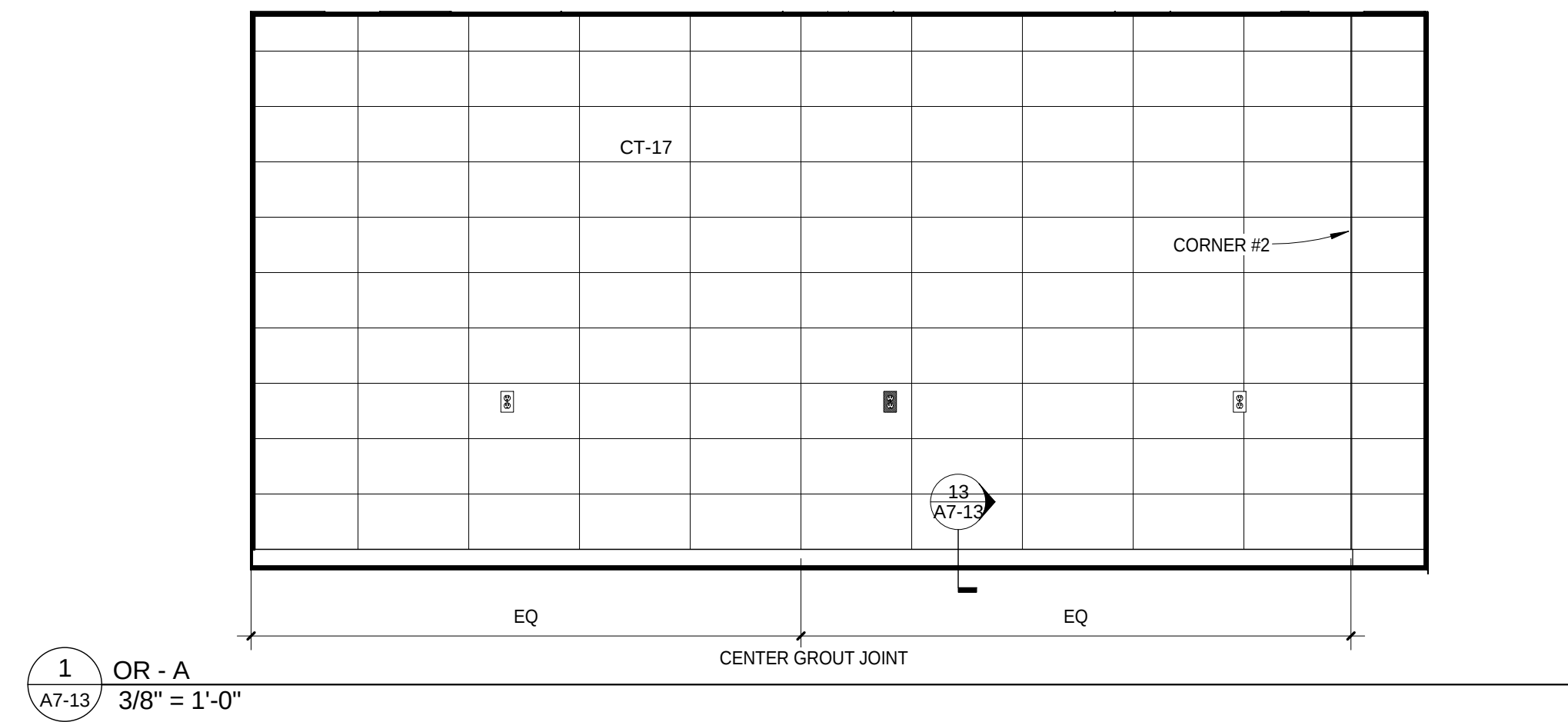
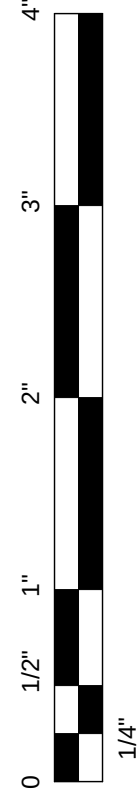
2'-10"

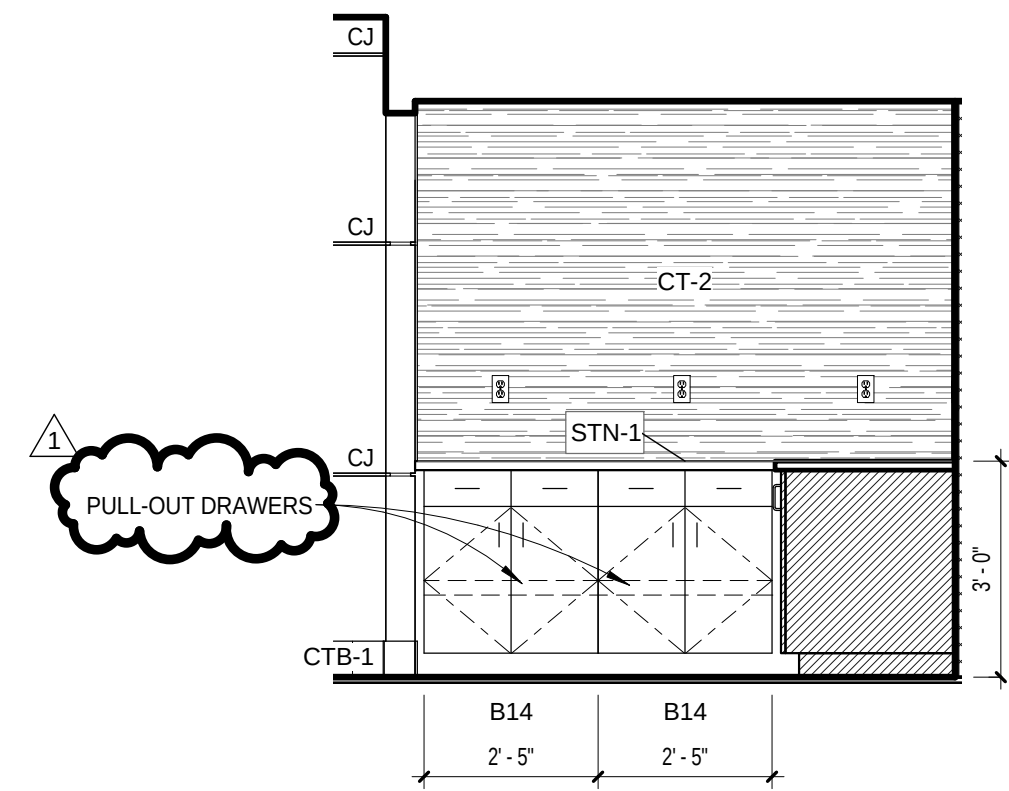
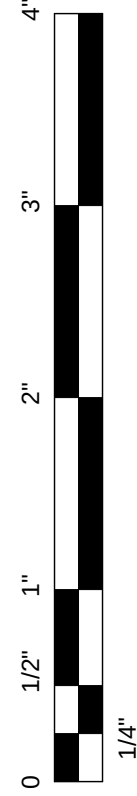
2'-10"

[illegible]

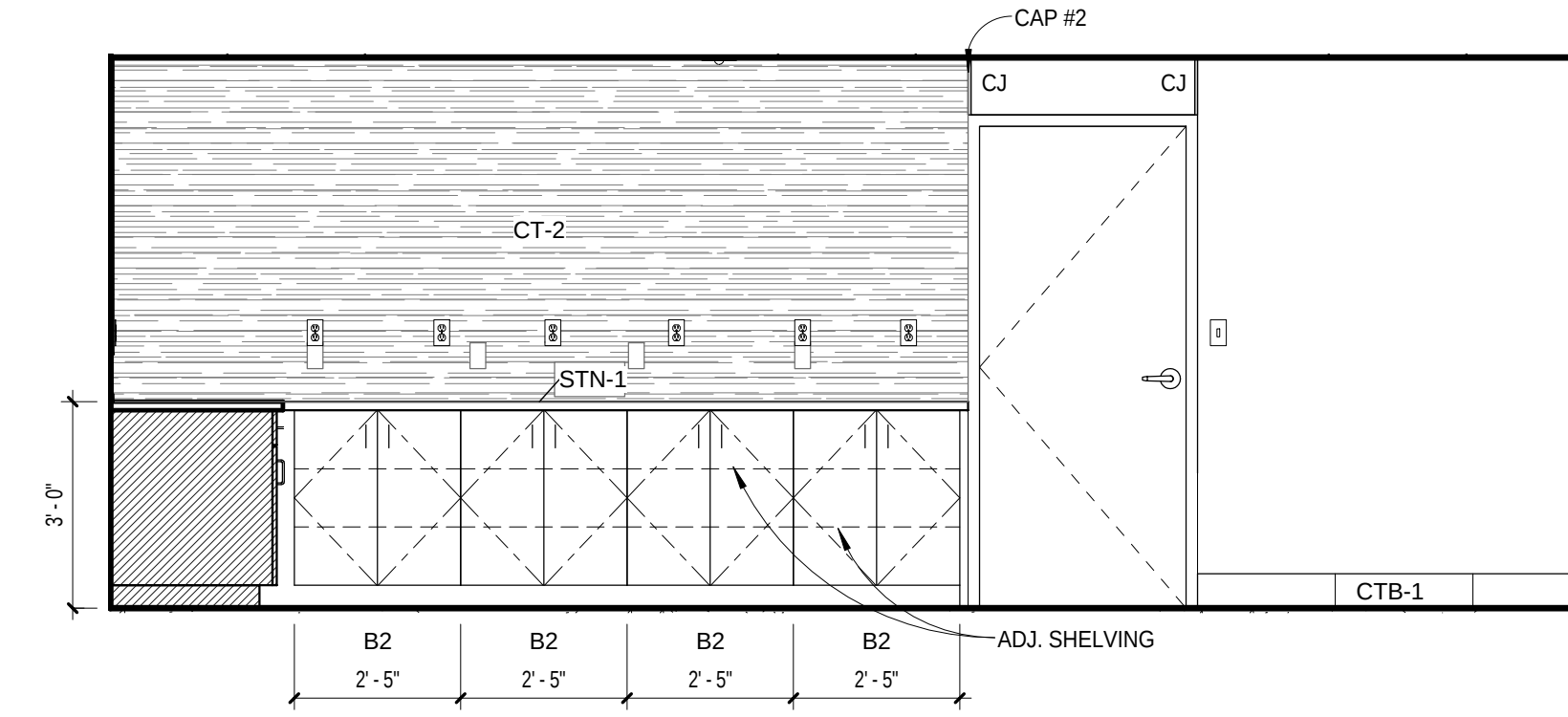
Diagram illustrating a wall and floor tile layout. The wall features a center grout joint. The floor is labeled "EQ" (Epoxy Grout). The wall is labeled "CAP #2", "CT-3", "CT-1", "TA-7", and "CT-1". The wall height is indicated as "2' WALL" and "8\" TILES". The floor is labeled "EQ" and "CENTER GROUT JOINT".

Figure 10: Typical Wall Section Detail. This cross-section diagram illustrates the construction of a wall. The wall is composed of several layers: an exterior finish (EQ), a center grout joint, and an interior finish (EQ). The wall is supported by a base (CT-1) and a top (CT-1). A vertical pipe (TA-7) passes through the wall, with a cap (#2) at the top. The pipe is surrounded by a grout joint (TA-3A) and a sealant (TA-8). The wall is also shown with a corner detail (CJ) and a door frame (CJ).

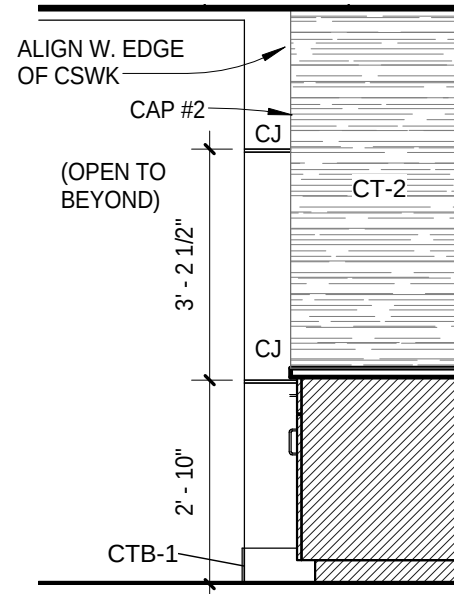




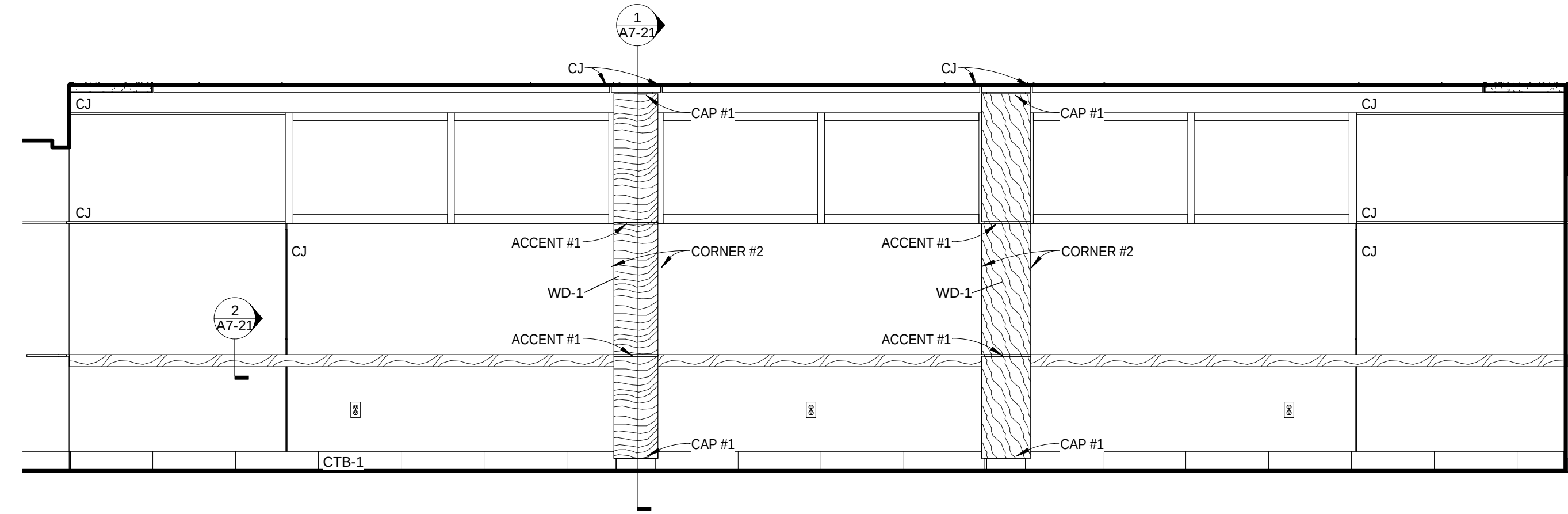
1 BOARD RM SERVING AREA A
A7-14 3/8" = 1'-0"



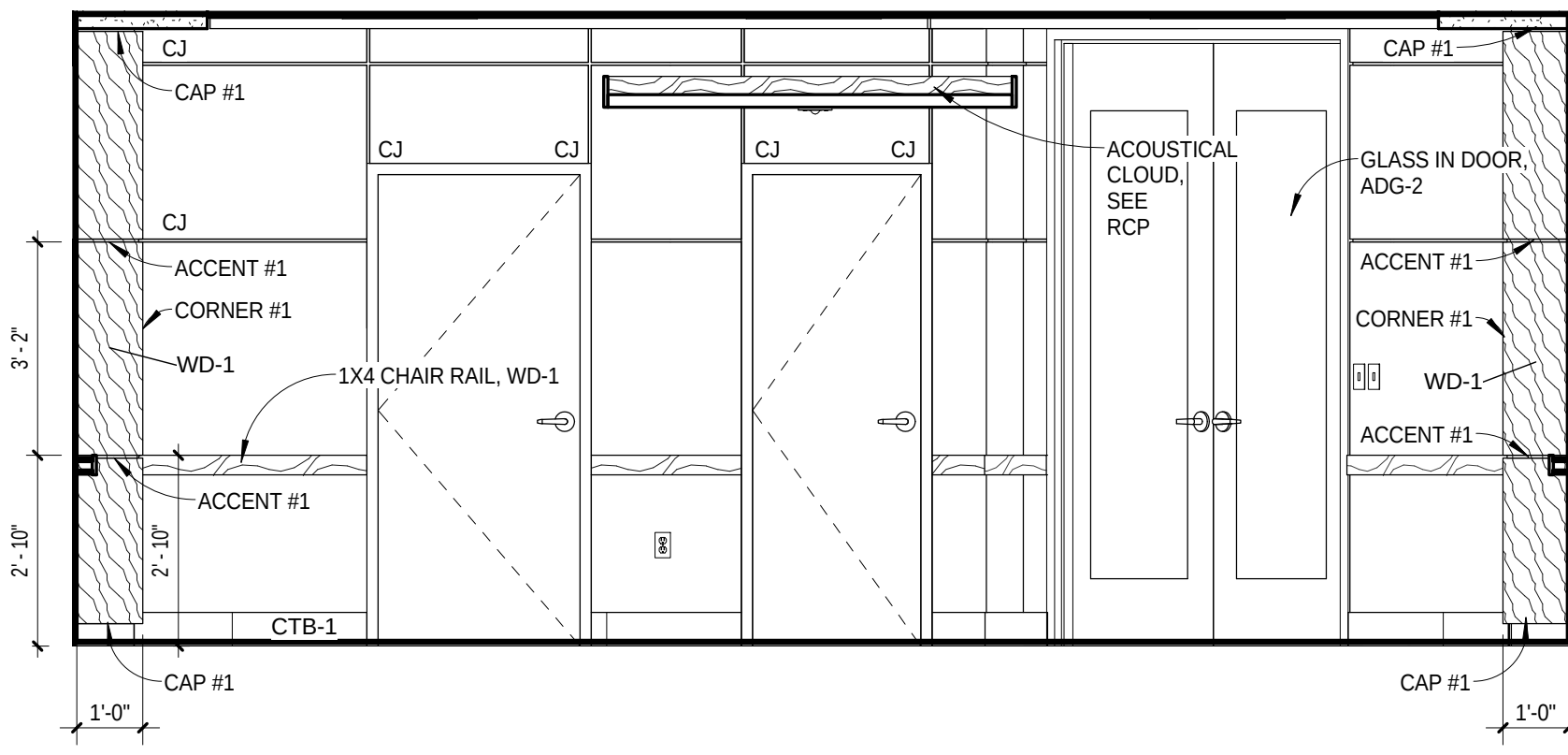
2 BOARD RM SERVING AREA B
A7-14 3/8" = 1'-0"



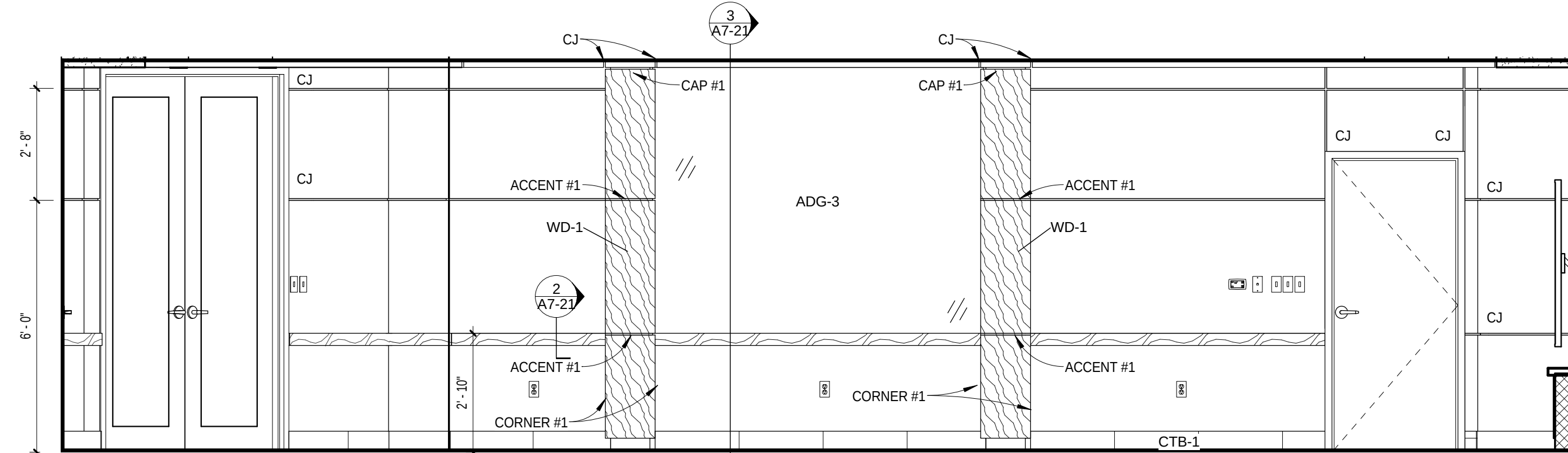
3 BOARD RM SERVING C
A7-14 3/8" = 1'-0"



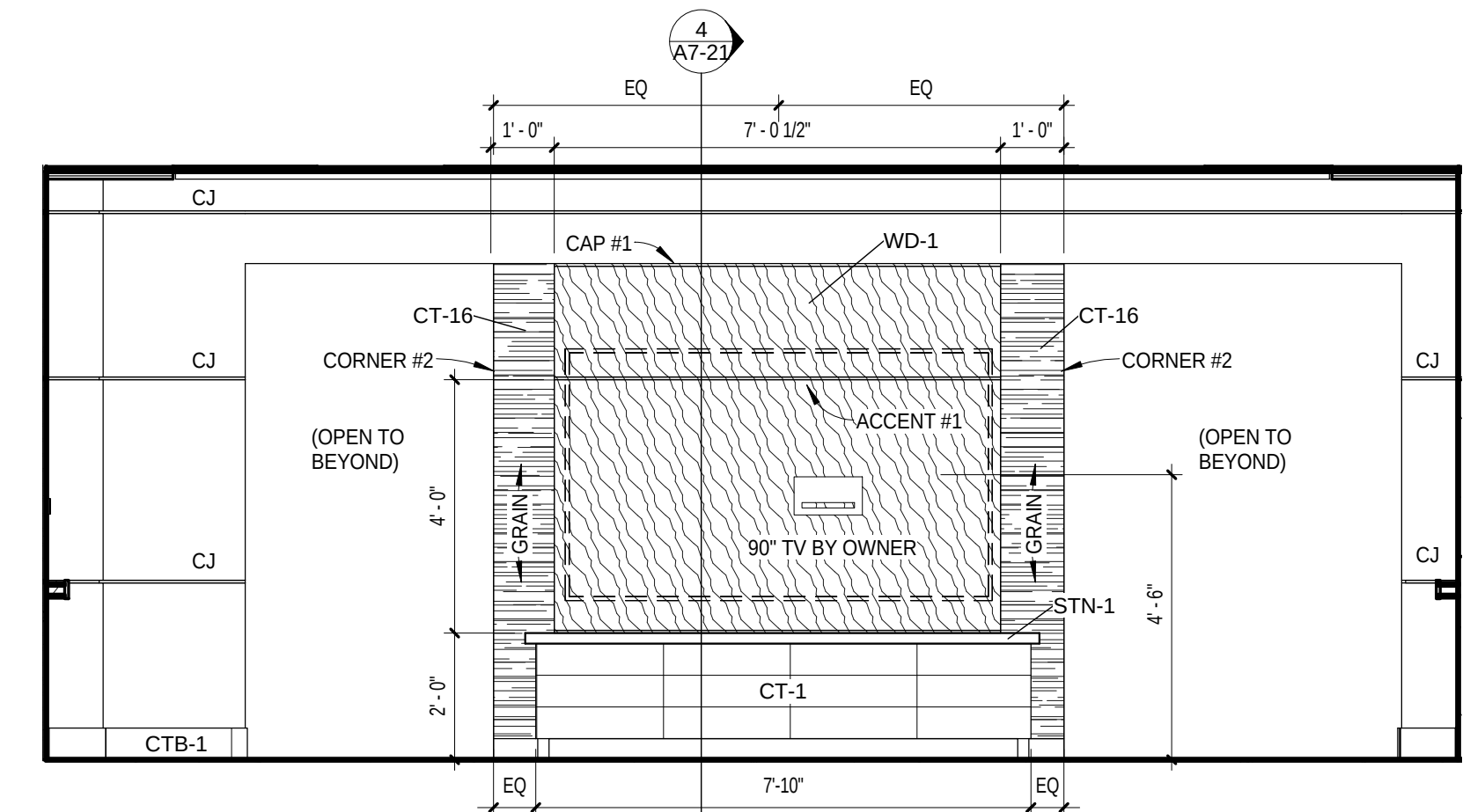
4 BOARDROOM - A
A7-14 3/8" = 1'-0"



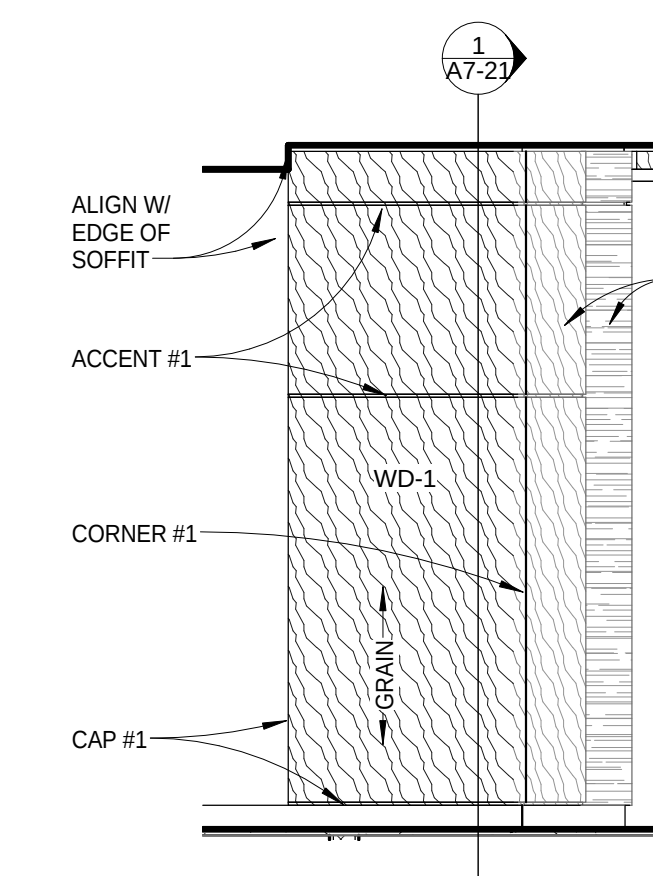
5 BOARDROOM - B
A7-14 3/8" = 1'-0"



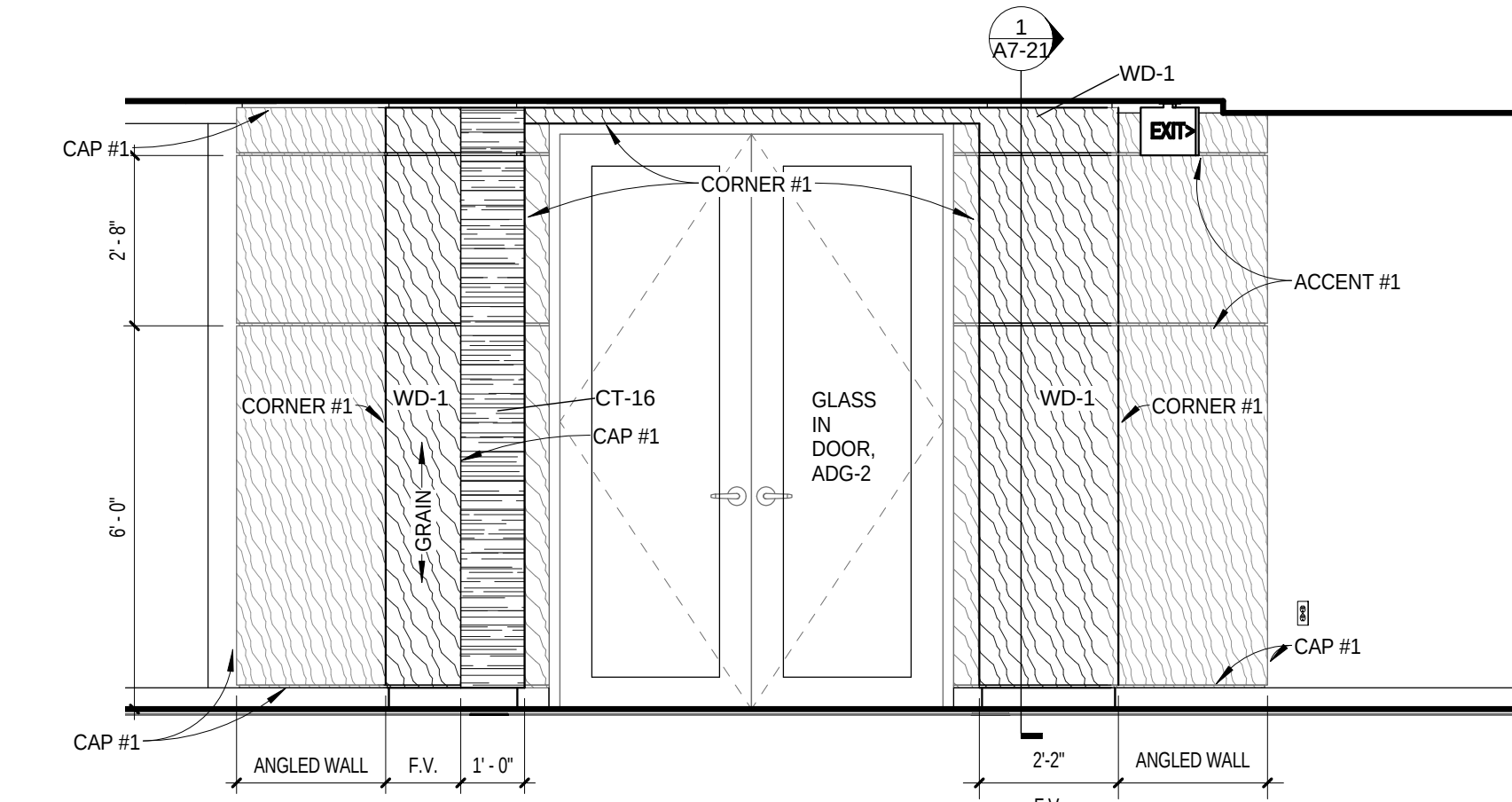
6 BOARDROOM - C
A7-14 3/8" = 1'-0"



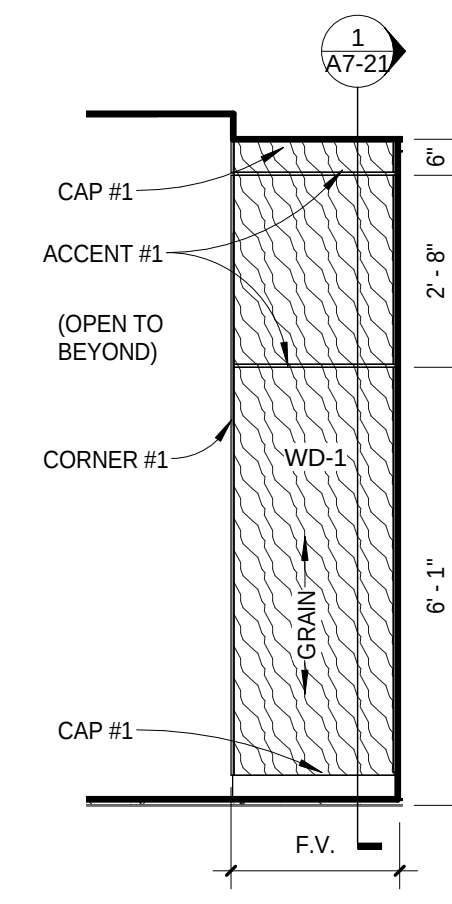
7 BOARDROOM - D
A7-14 3/8" = 1'-0"



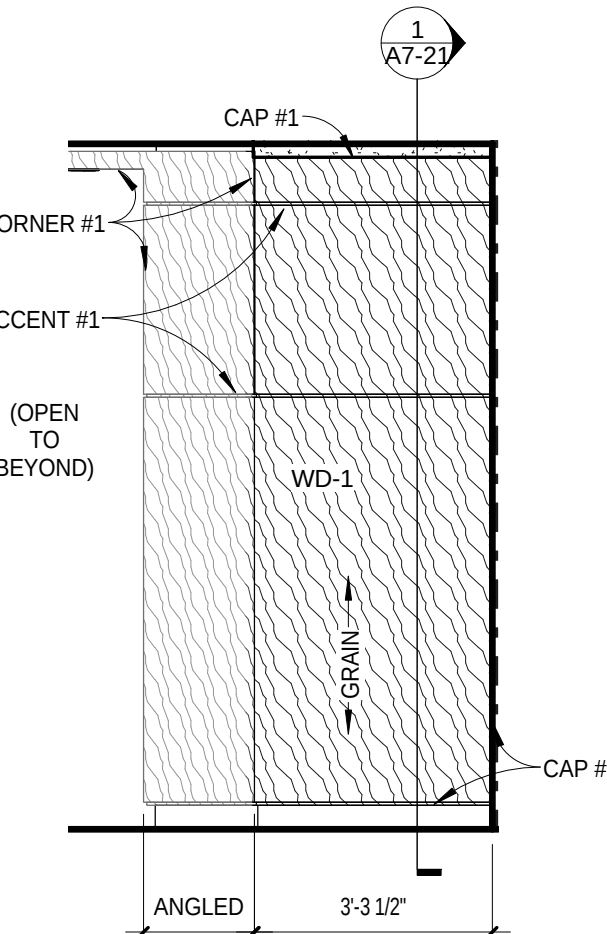
8 BOARDROOM ENTRANCE - A
A7-14 3/8" = 1'-0"



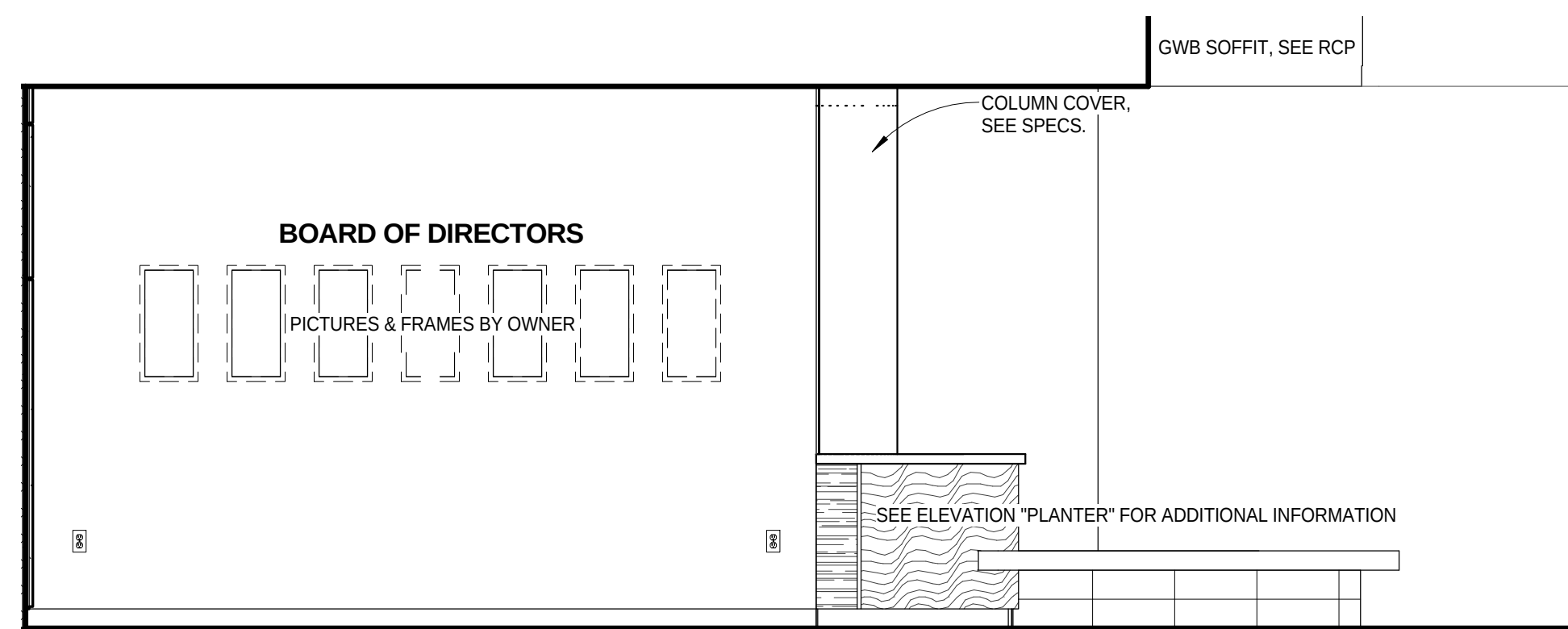
9 BOARDROOM ENTRANCE - B
A7-14 3/8" = 1'-0"



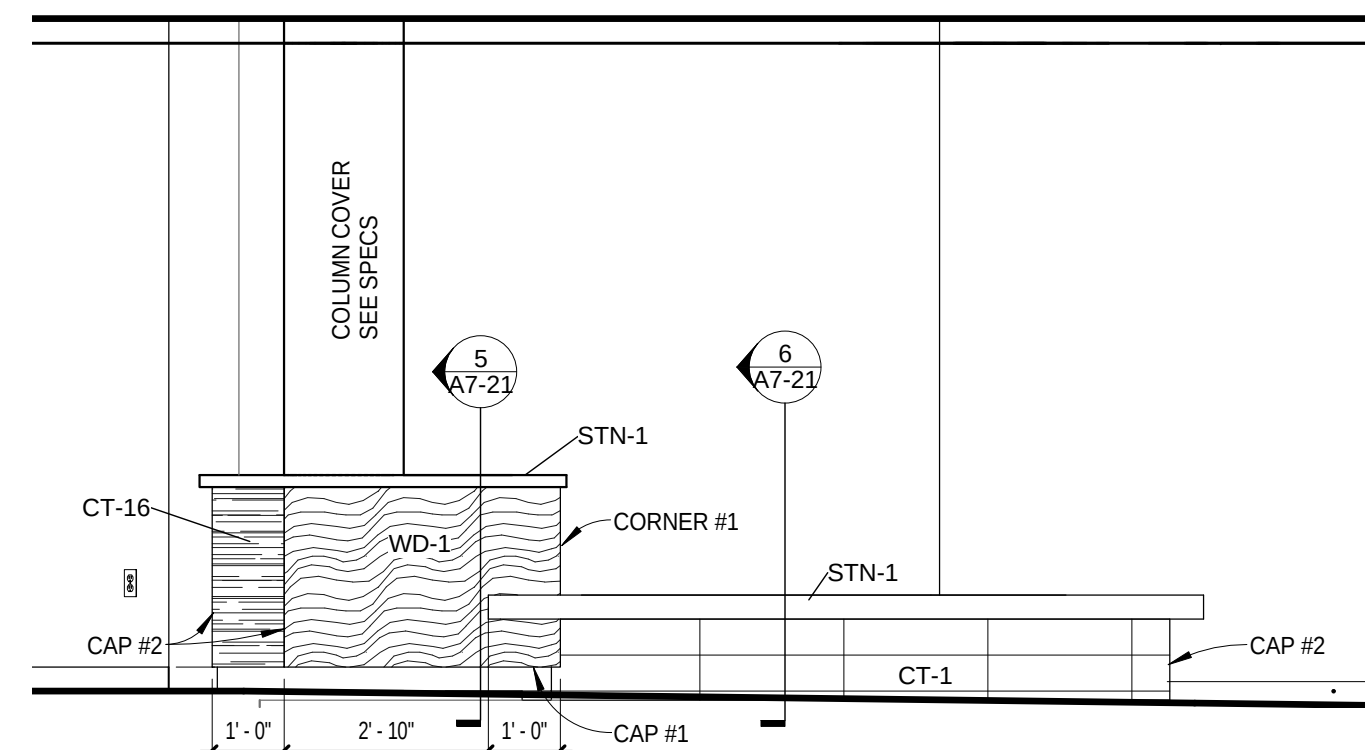
10 BOARDROOM ENTRANCE - C
A7-14 3/8" = 1'-0"



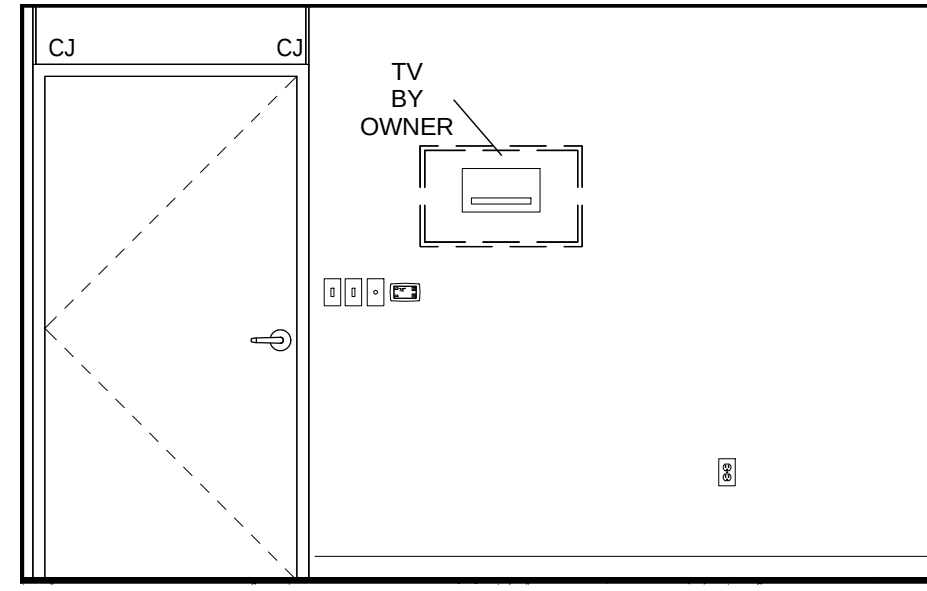
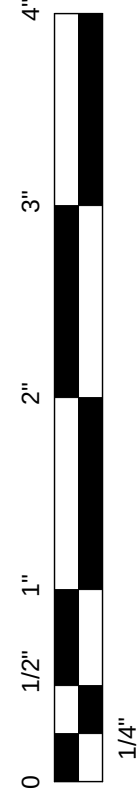
11 BOARDROOM ENTRANCE - D
A7-14 3/8" = 1'-0"



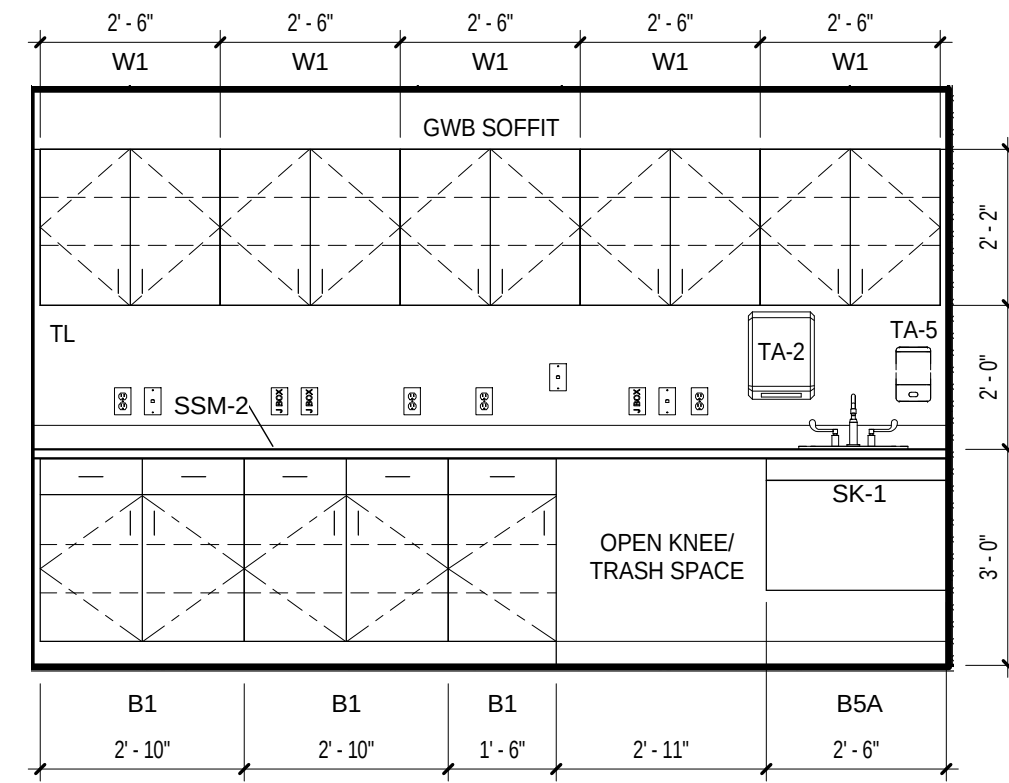
12 BOARDROOM ENTRANCE
A7-14 3/8" = 1'-0"



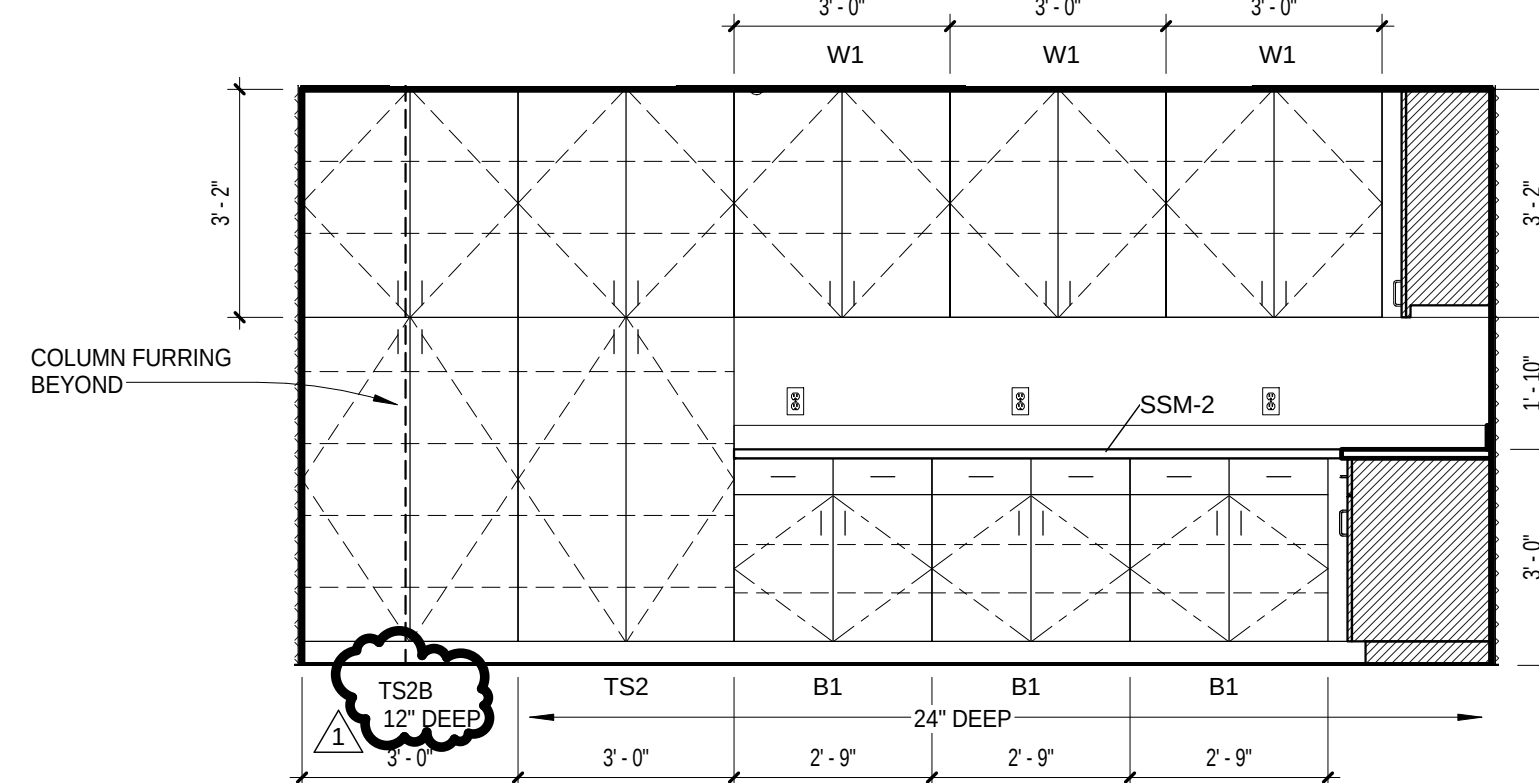
13 PLANTER
A7-14 3/8" = 1'-0"



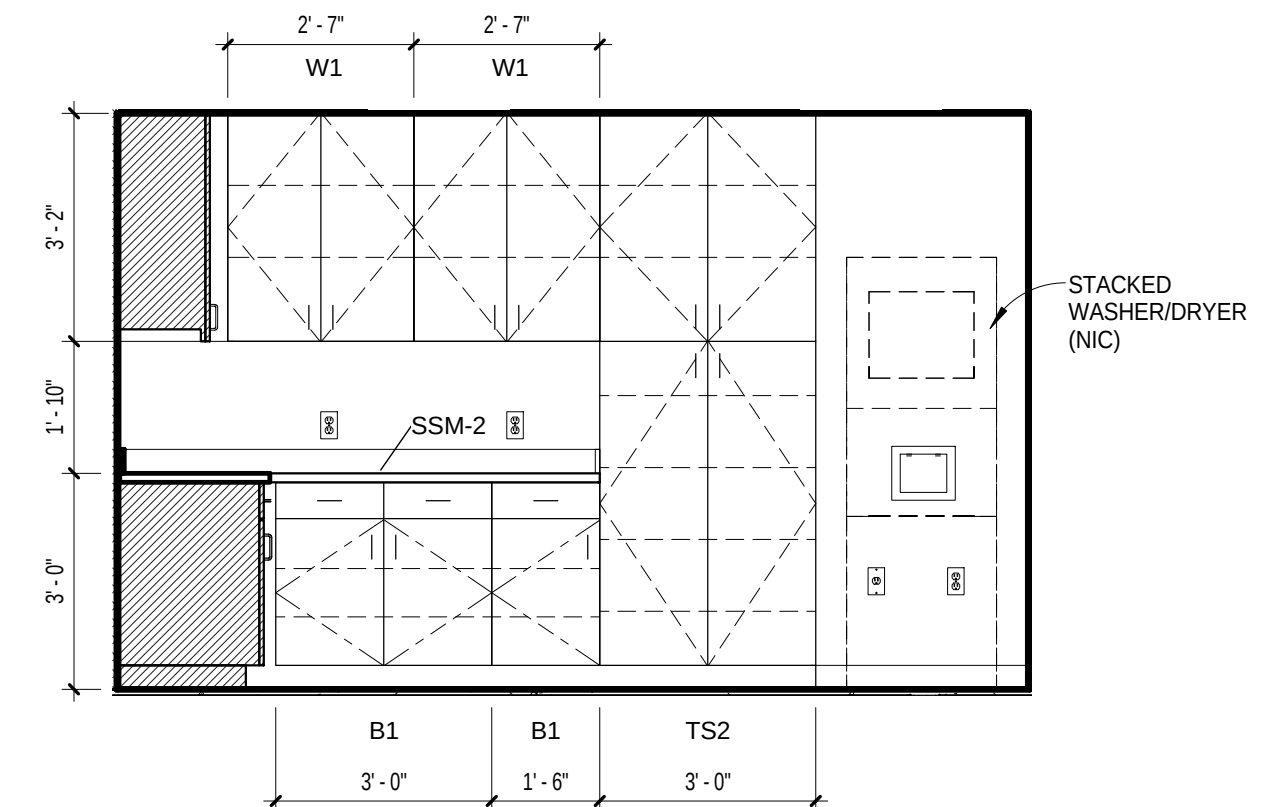
1 YSA PROCEDURE DOOR
A7-15 3/8" = 1'-0"



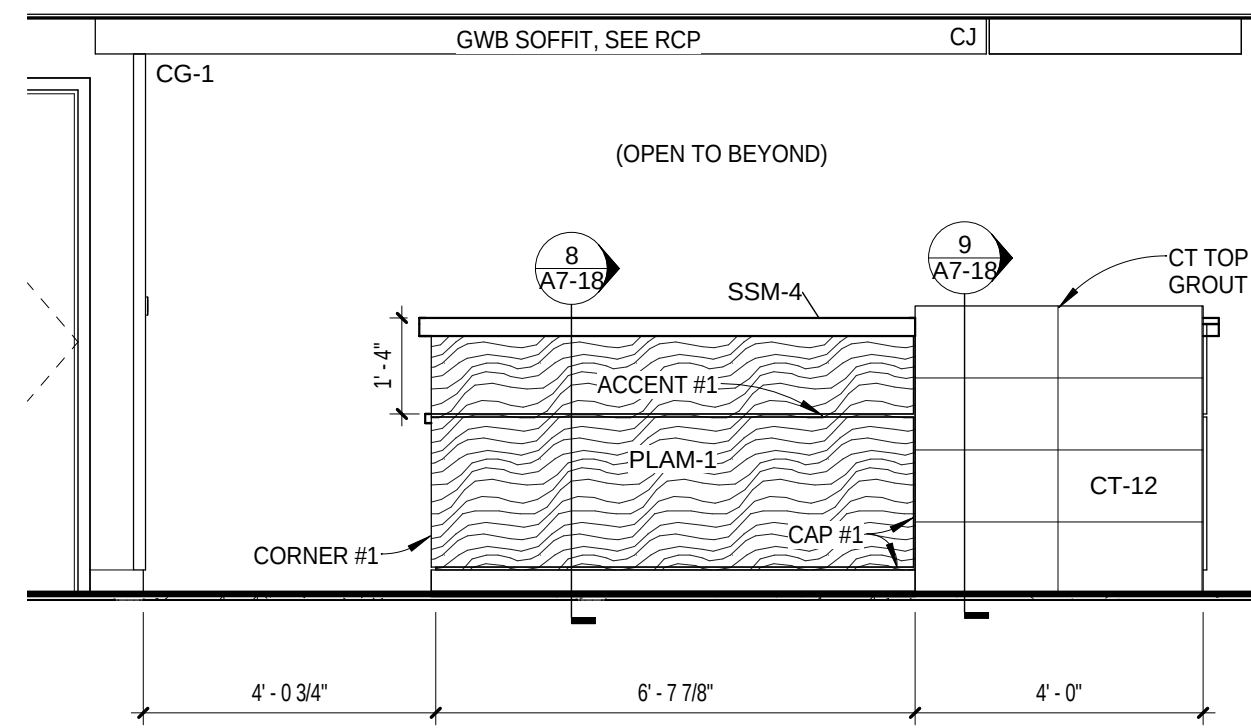
2 YSA PROCEDURE ROOM
A7-15 3/8" = 1'-0"



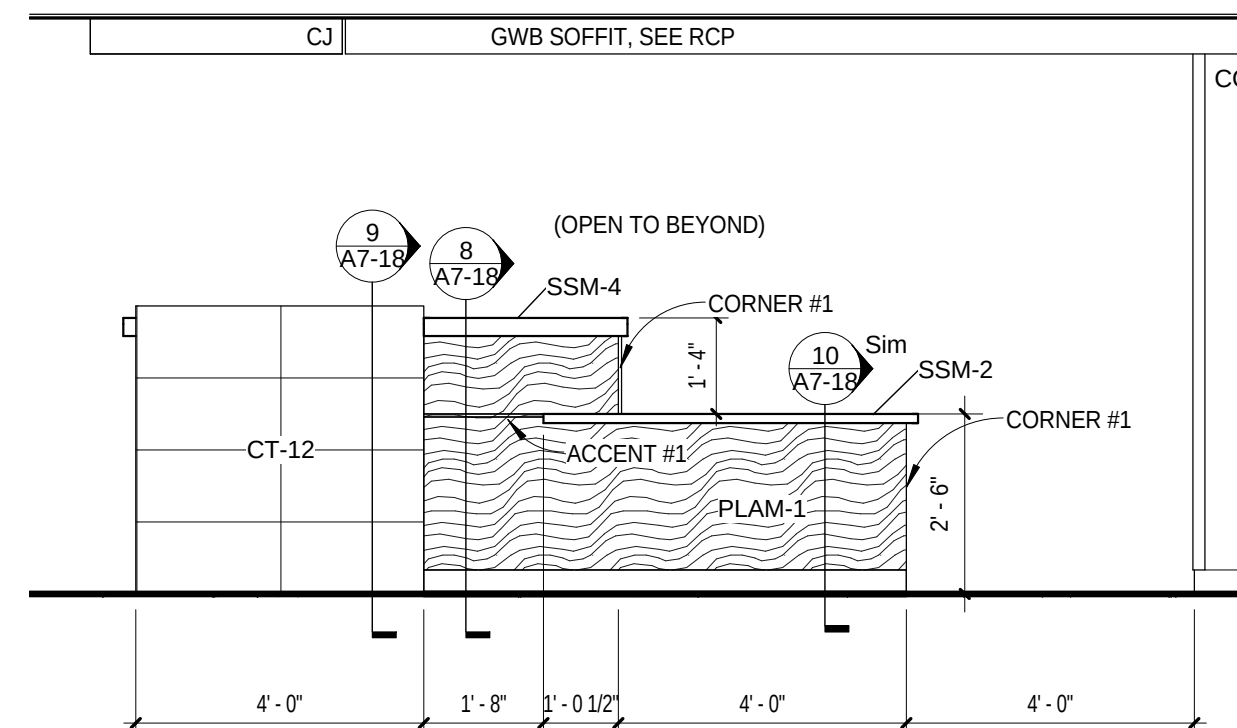
3 YSA STORAGE A
A7-15 3/8" = 1'-0"



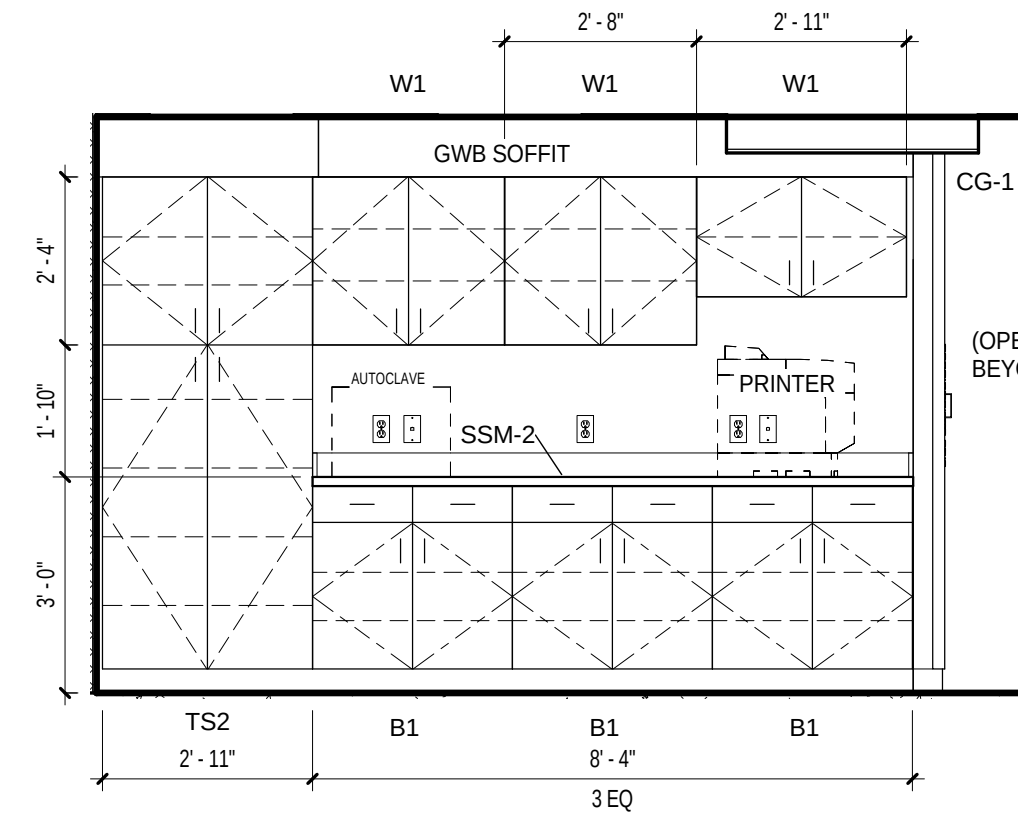
4 YSA STORAGE B
A7-15 3/8" = 1'-0"



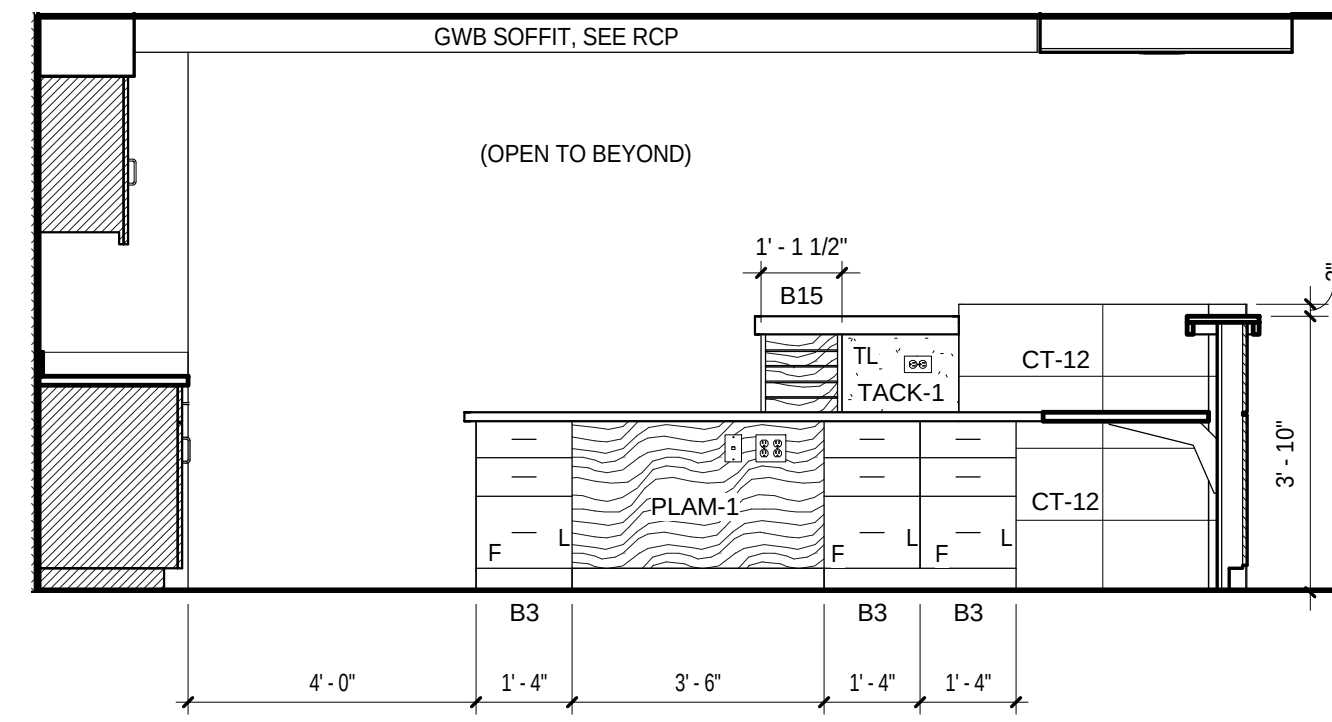
5 YSA NURSE STATION FRONT B
A7-15 3/8" = 1'-0"



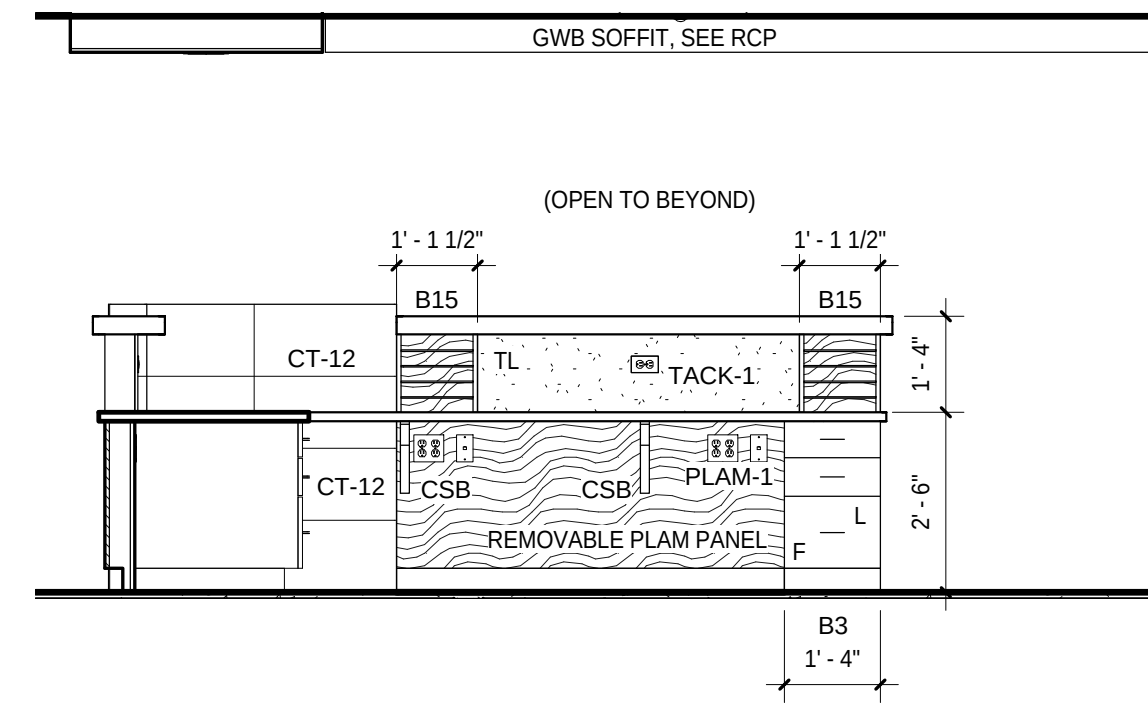
6 YSA NURSE STATION FRONT A
A7-15 3/8" = 1'-0"



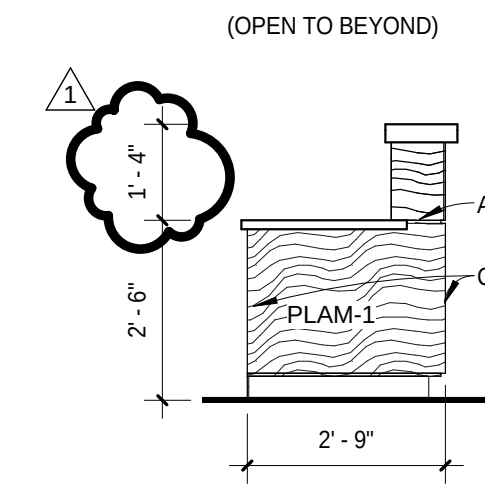
7 YSA NURSE STATION A
A7-15 3/8" = 1'-0"



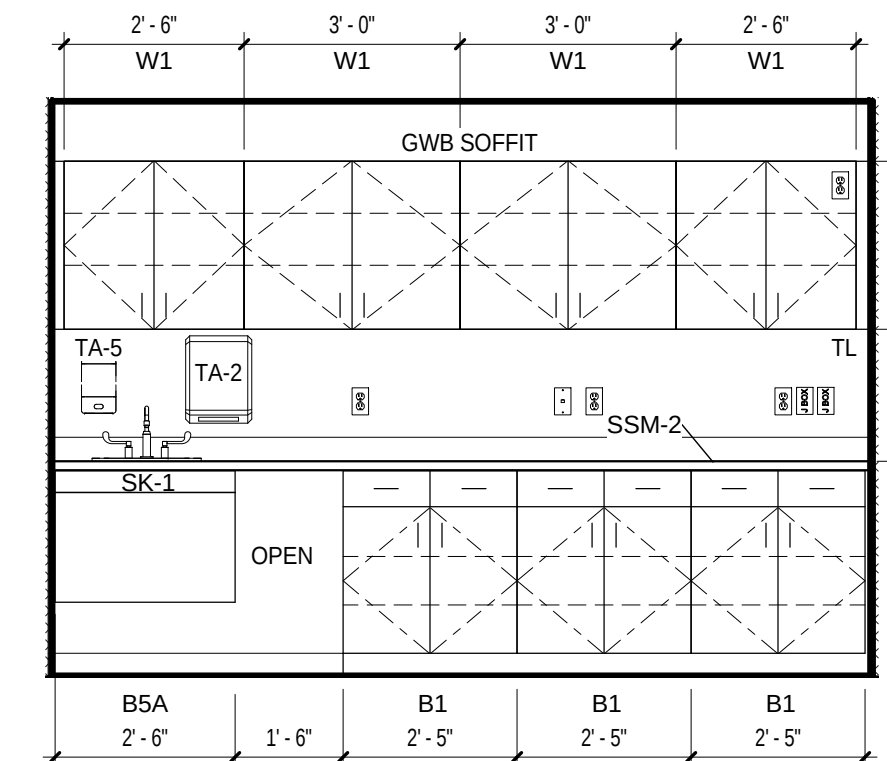
8 YSA NURSE STATION B
A7-15 3/8" = 1'-0"



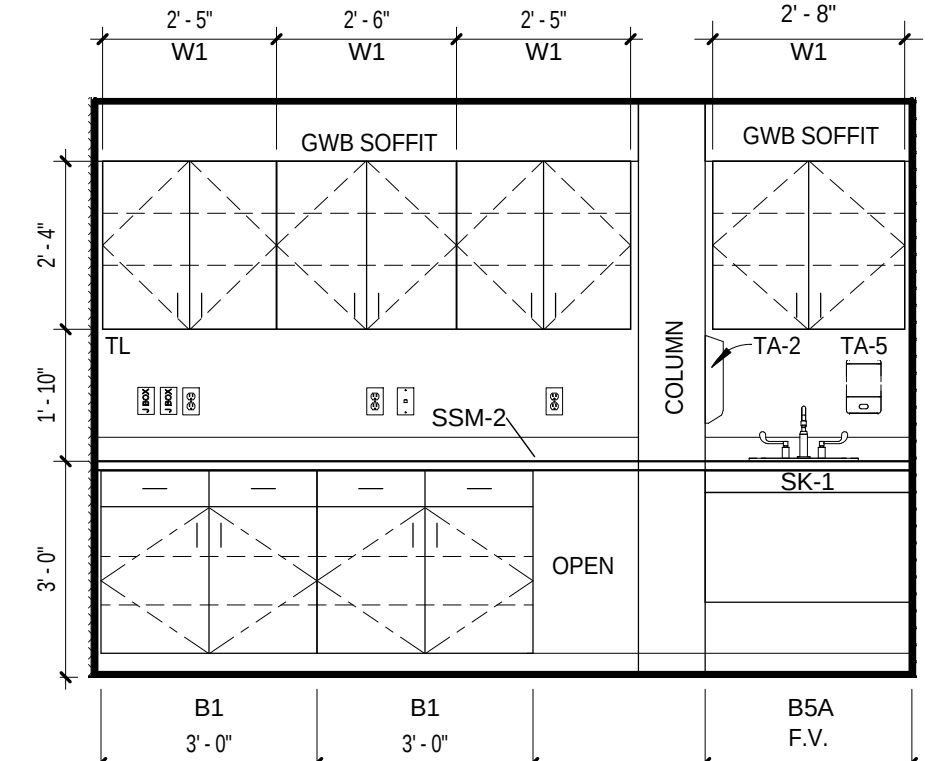
9 YSA NURSE STATION C
A7-15 3/8" = 1'-0"



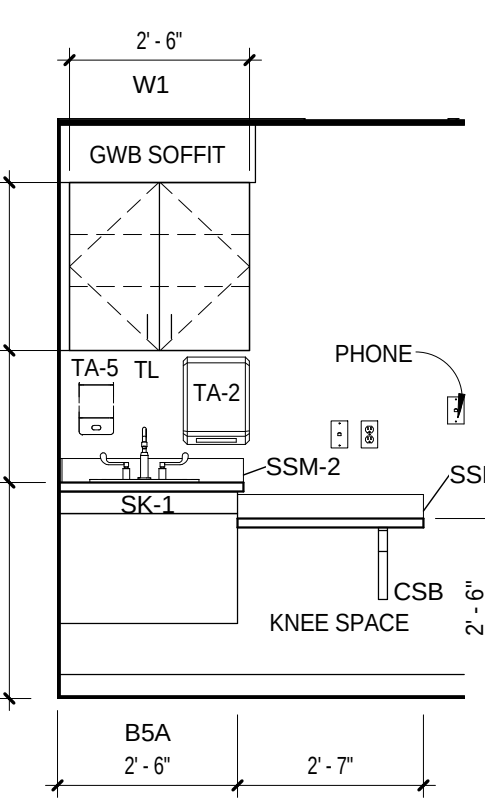
10 NURSE STATION END PANEL 2ND FLOOR
A7-15 3/8" = 1'-0"



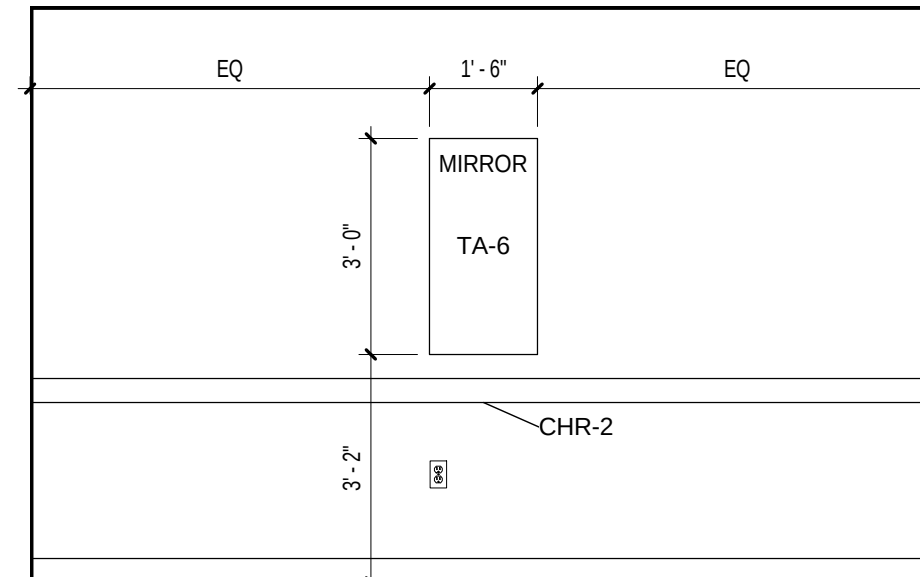
11 YSA COSMETICS B
A7-15 3/8" = 1'-0"



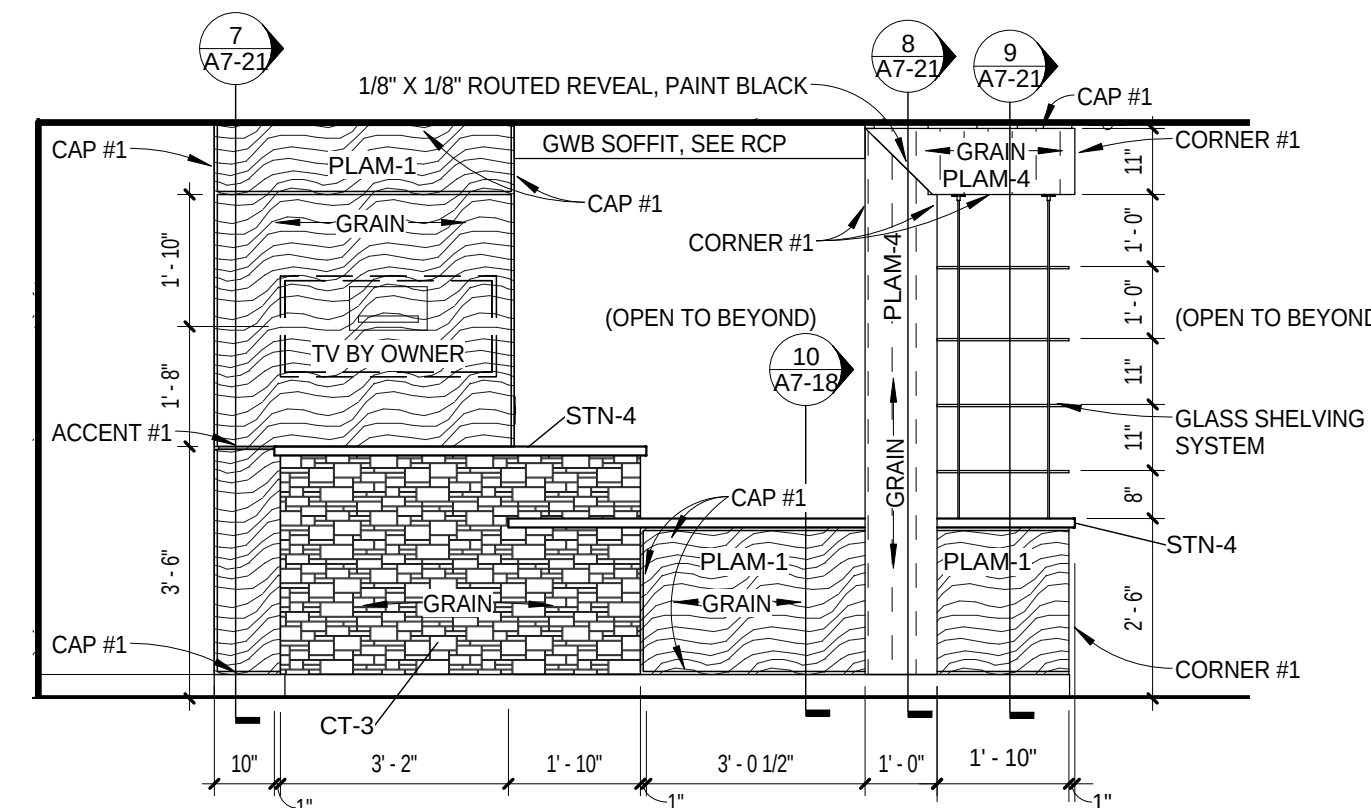
12 YSA COSMETICS A
A7-15 3/8" = 1'-0"



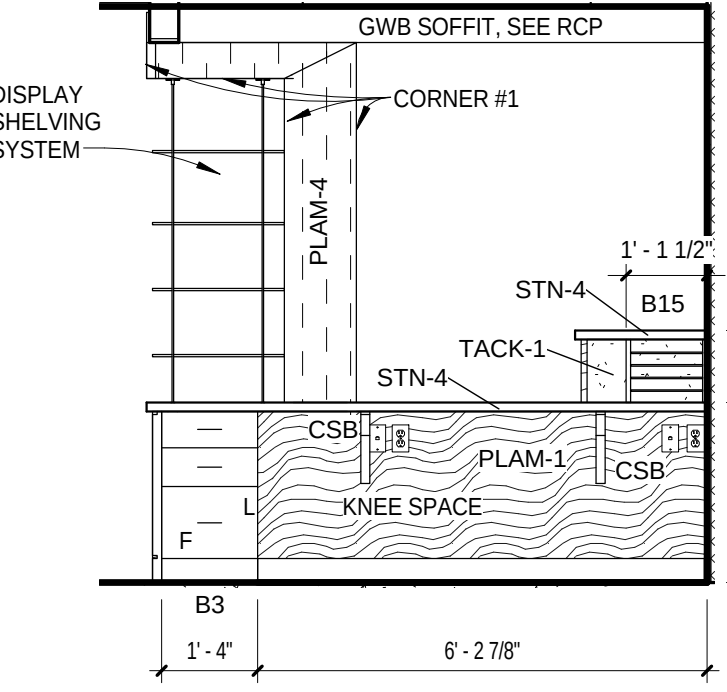
13 YSA EXAM
A7-15 3/8" = 1'-0"



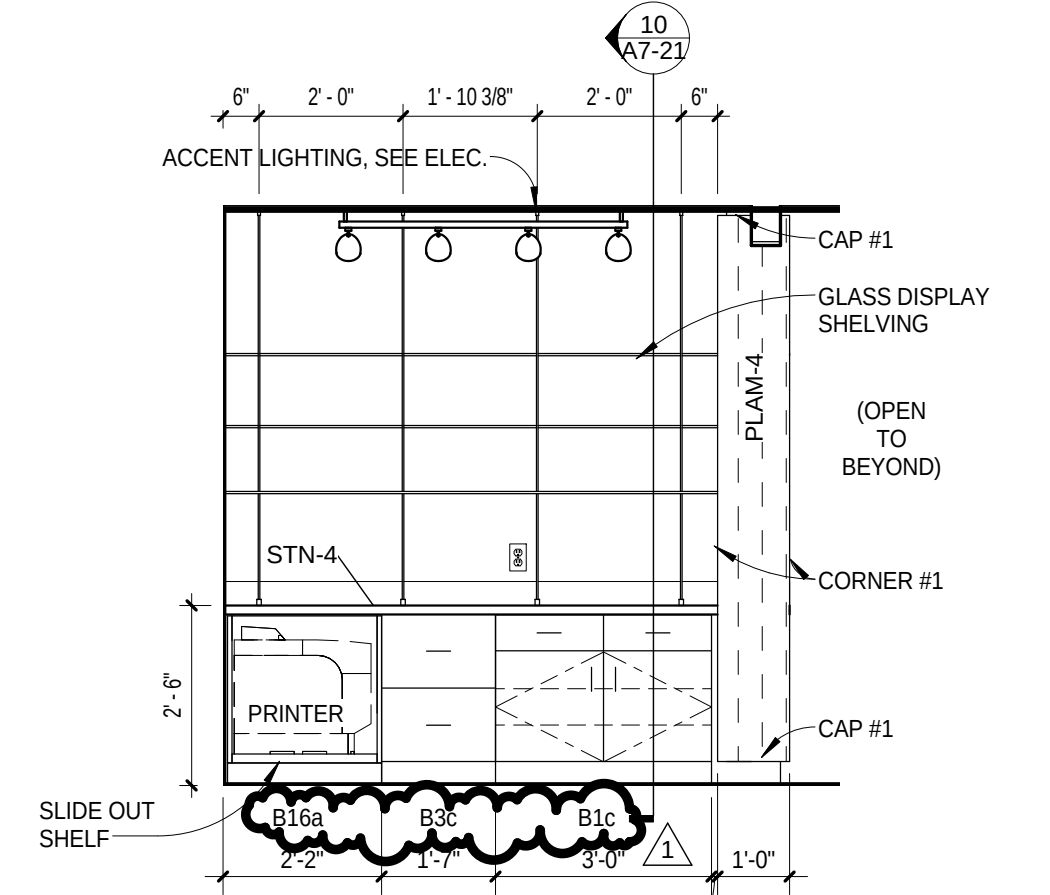
14 YSG EXAM - GUEST
A7-15 3/8" = 1'-0"



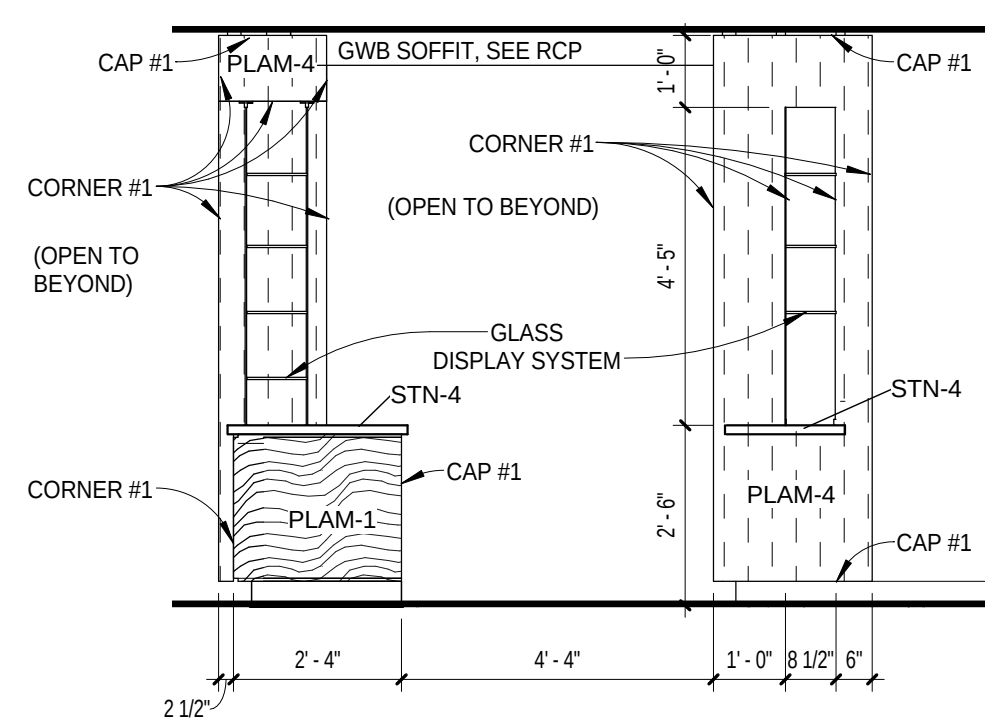
15 YSA COSMETICS RECEPTION FRONT
A7-15 3/8" = 1'-0"



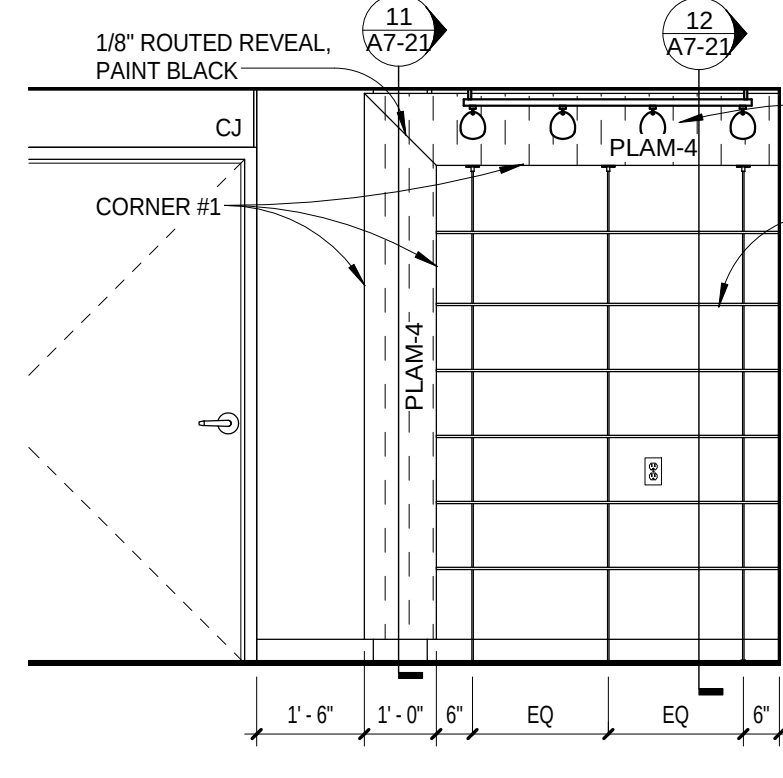
16 YSA COSMETICS RECEPTION
A7-15 3/8" = 1'-0"



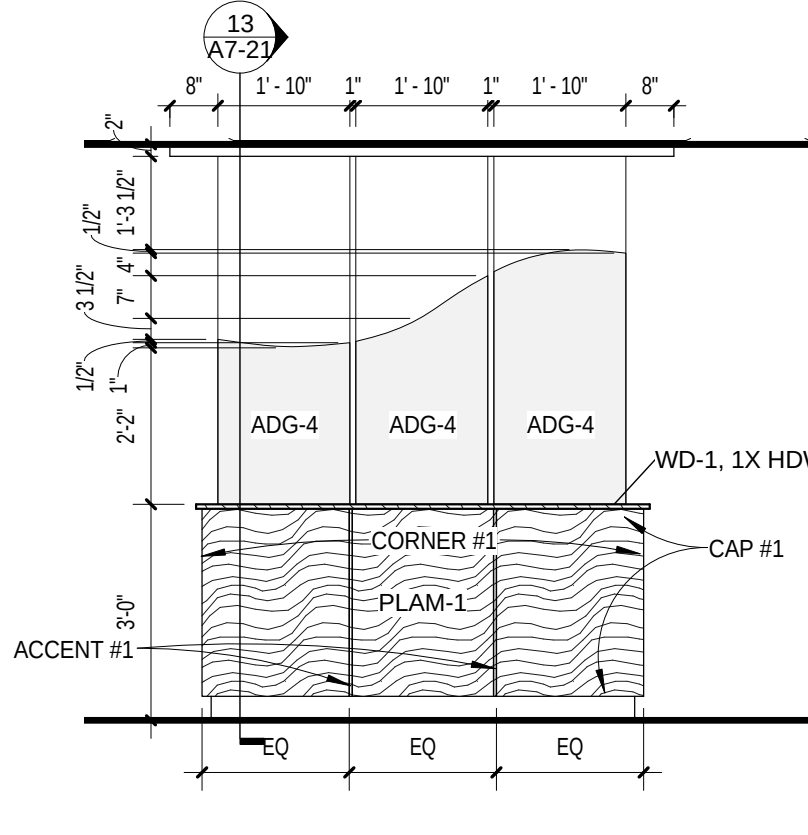
17 YSA COSMETICS RECEPTION BACK COUNTER
A7-15 3/8" = 1'-0"



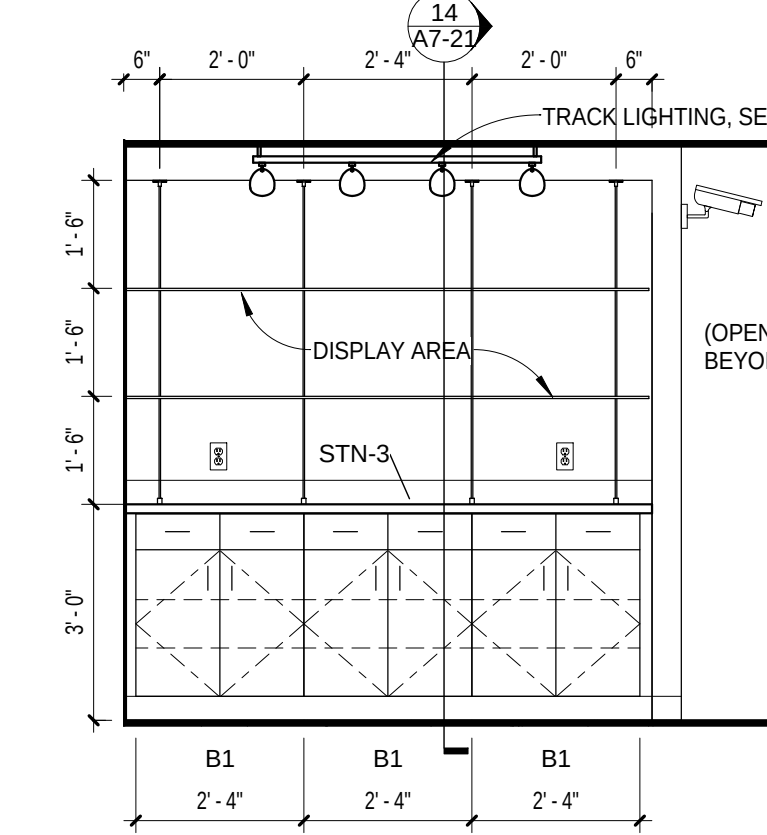
18 YSA RECEPTION SIDE
A7-15 3/8" = 1'-0"



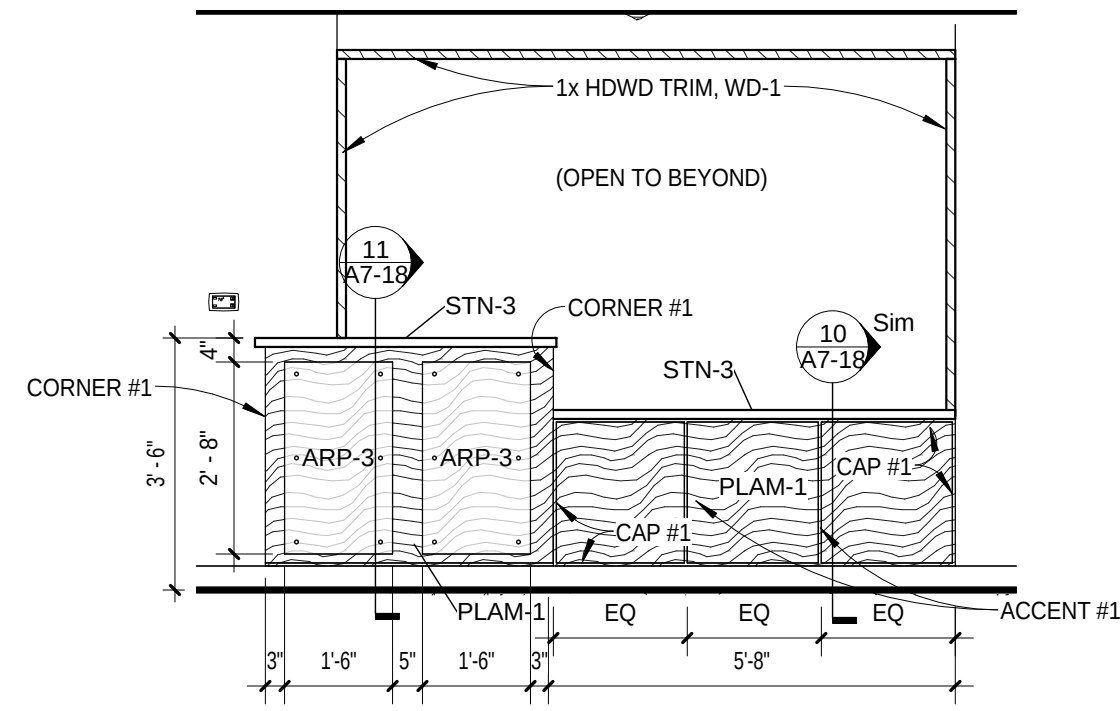
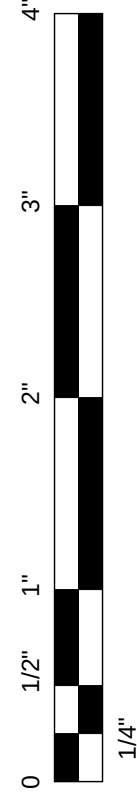
19 WAITING DISPLAY
A7-15 3/8" = 1'-0"



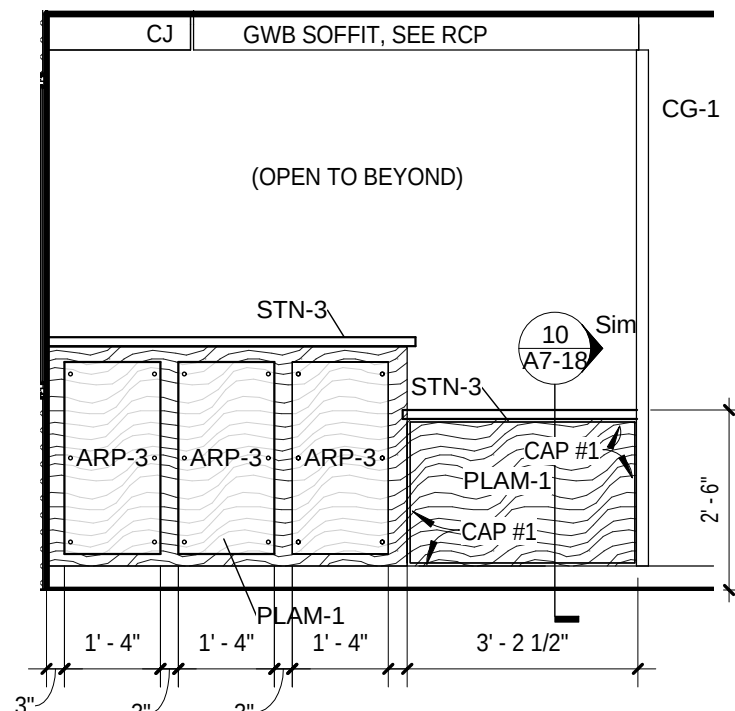
20 YSA GLASS WALL
A7-15 3/8" = 1'-0"



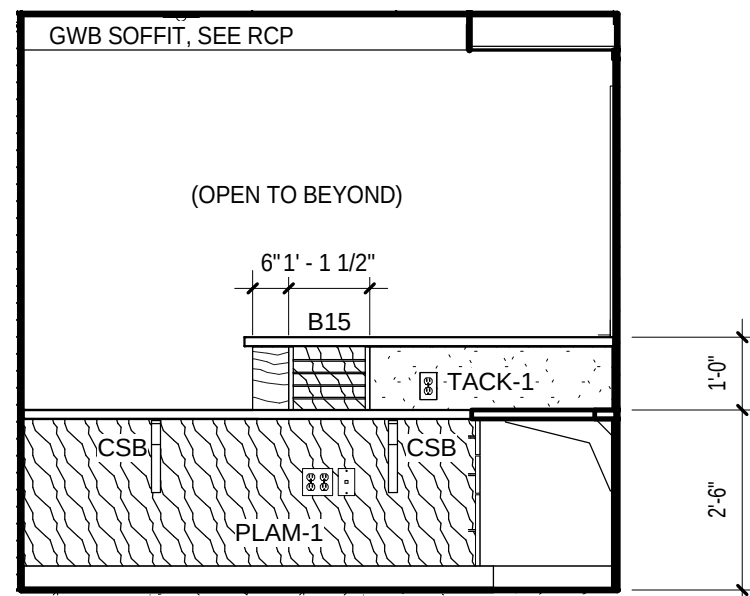
21 YSA WAITING DISPLAY
A7-15 3/8" = 1'-0"



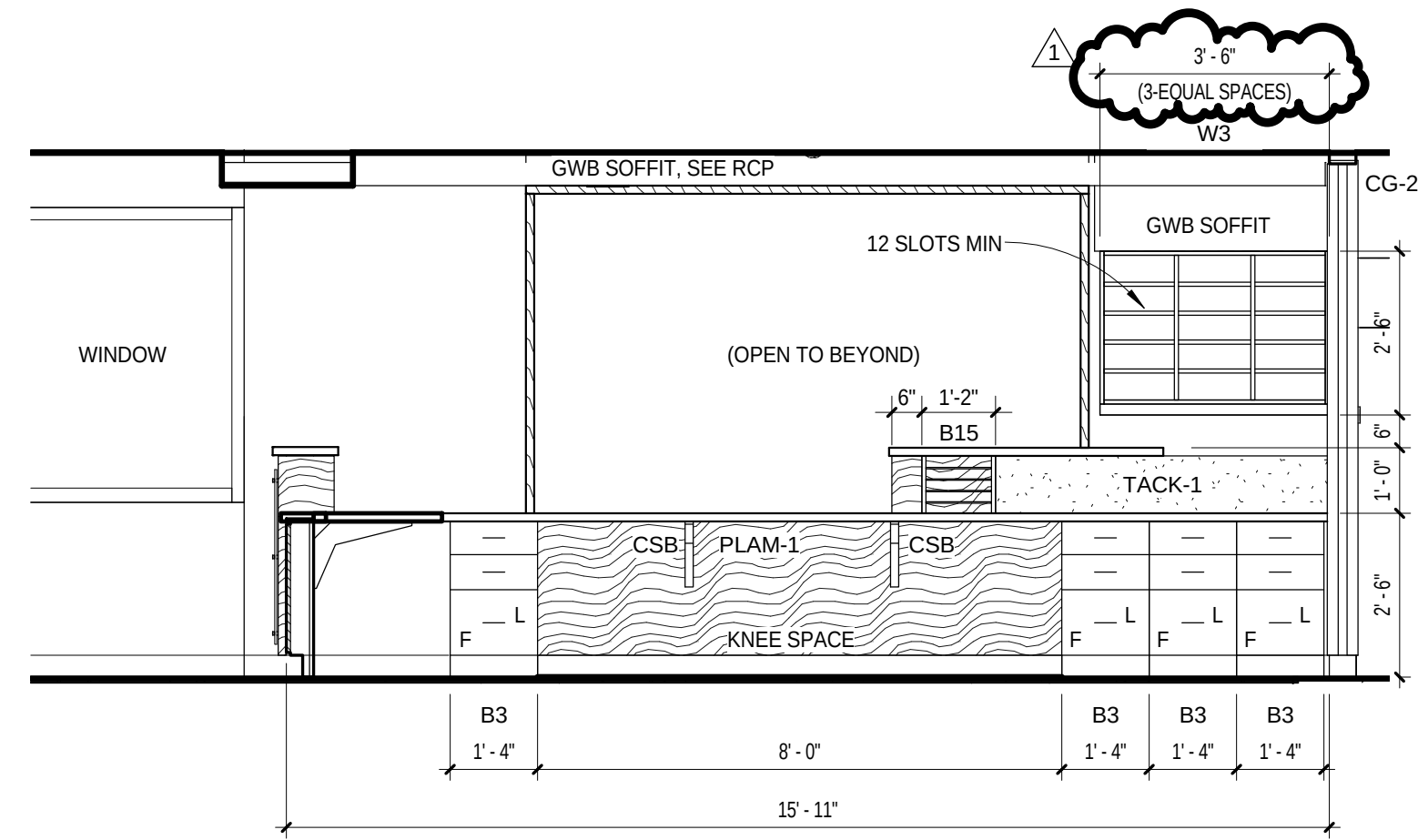
1 YSA RECEPTION FRONT
A7-16 / 3/8" = 1'-0"



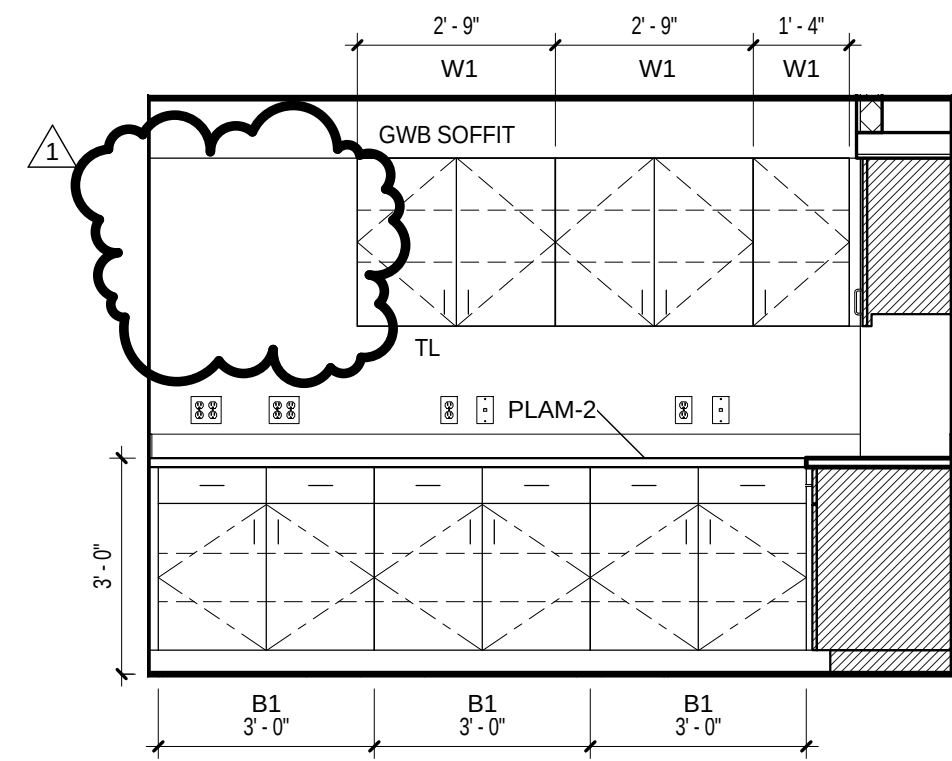
2 YSA SCHEDULING
A7-16 / 3/8" = 1'-0"



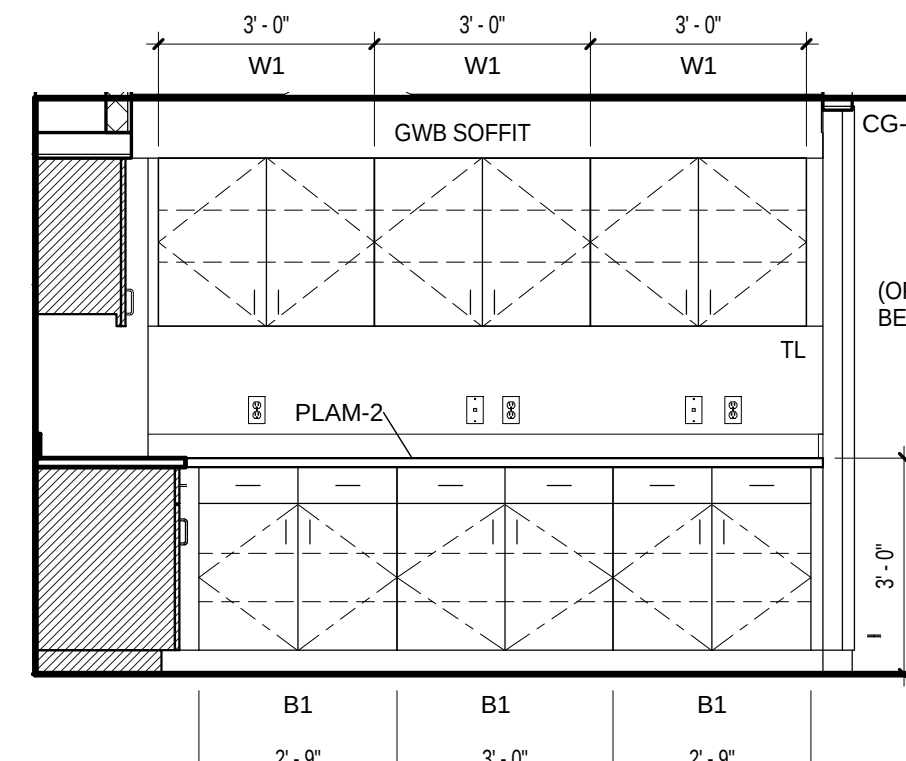
3 YSA RECEPTION A
A7-16 / 3/8" = 1'-0"



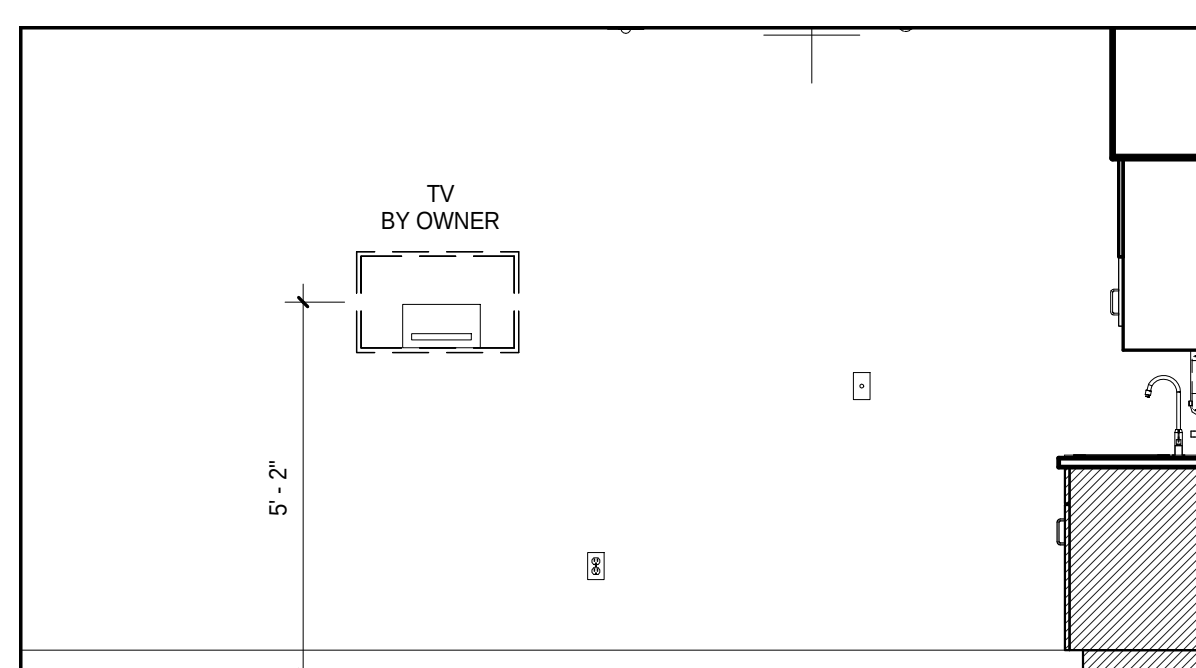
4 YSA RECEPTION B
A7-16 / 3/8" = 1'-0"



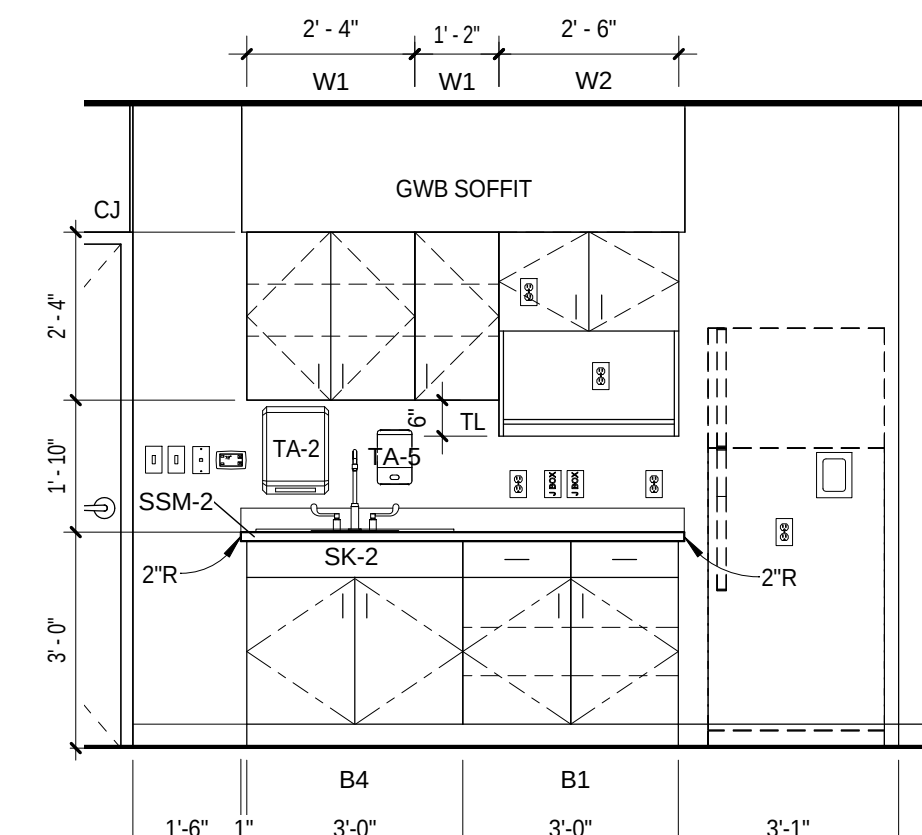
5 YSA COPY/FAX A
A7-16 / 3/8" = 1'-0"



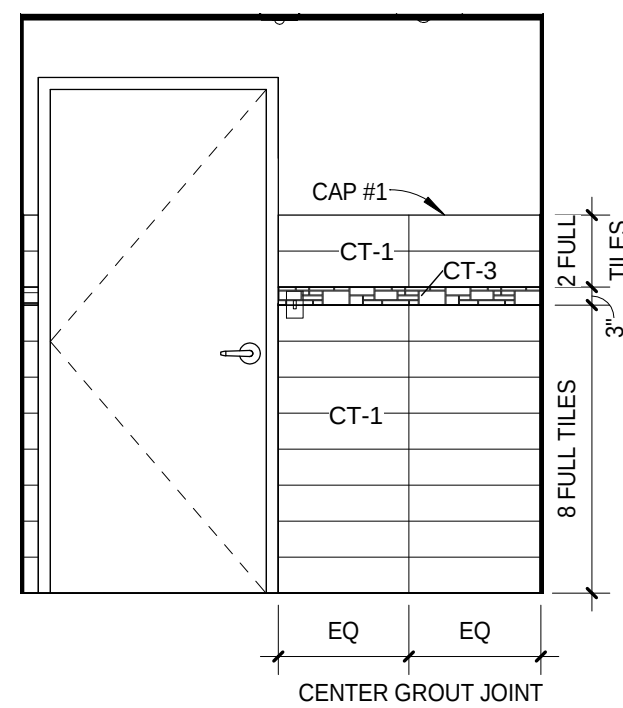
6 YSA COPY/FAX B
A7-16 / 3/8" = 1'-0"



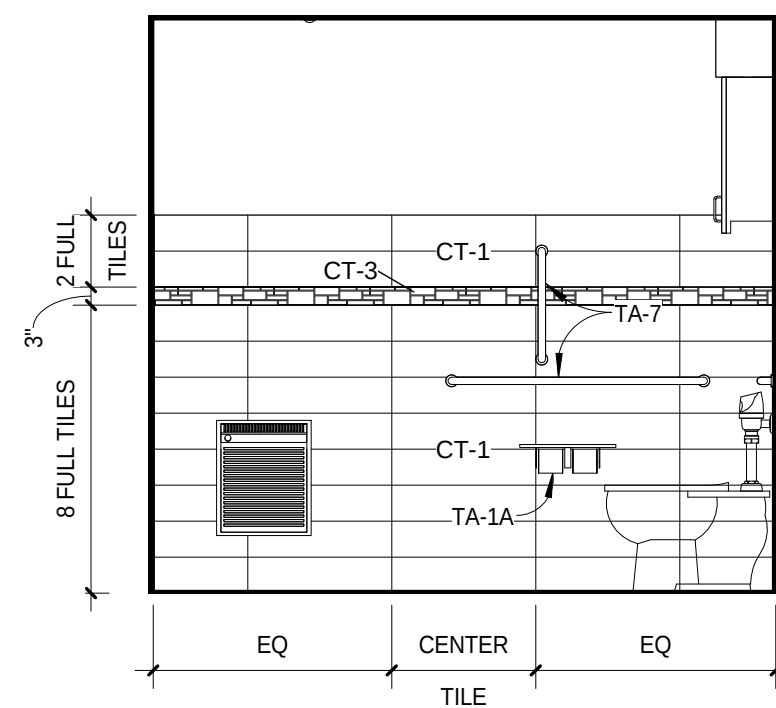
7 YSG - CONFERENCE T.V.
A7-16 / 3/8" = 1'-0"



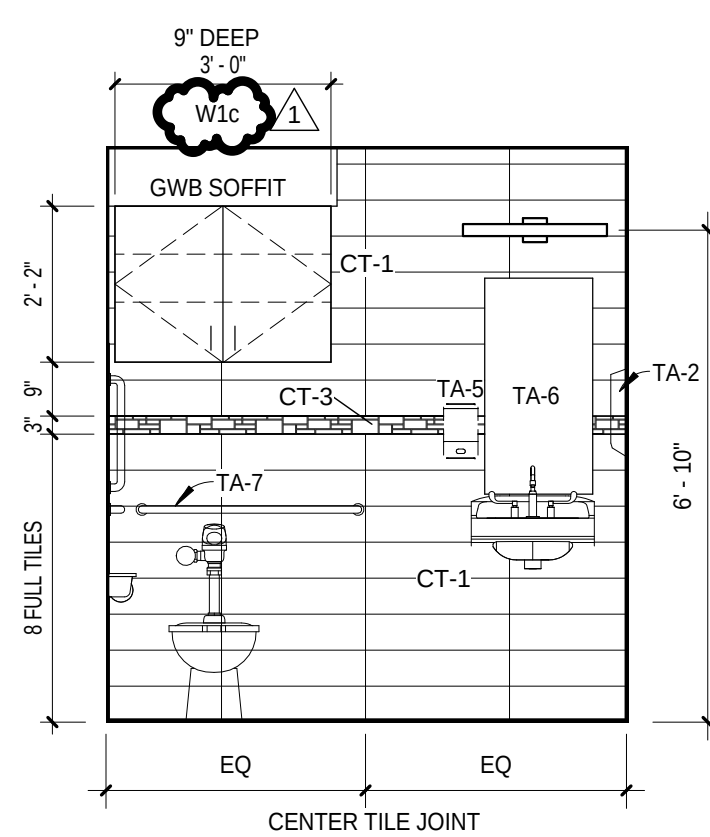
8 YSA CONFERENCE ROOM
A7-16 / 3/8" = 1'-0"



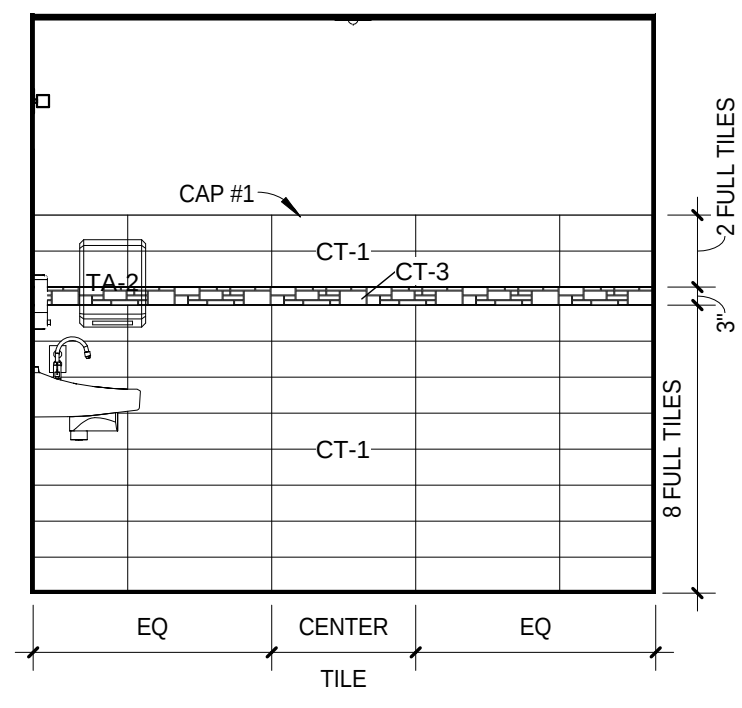
9 SPC TLT - DOOR
A7-16 / 3/8" = 1'-0"



10 SPC TLT 2016 TLT SIDE
A7-16 / 3/8" = 1'-0"

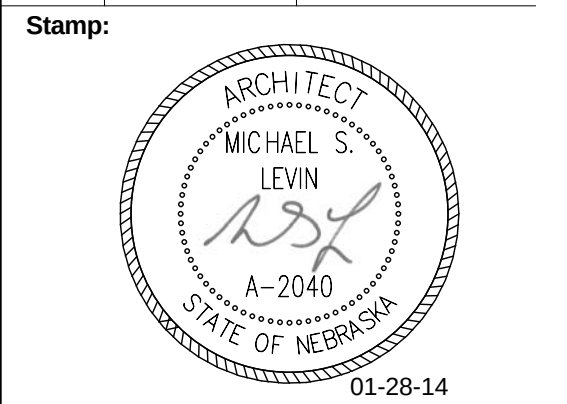


11 SPC TLT 2016 SINK
A7-16 / 3/8" = 1'-0"



12 SPC TLT - SINK SIDE
A7-16 / 3/8" = 1'-0"

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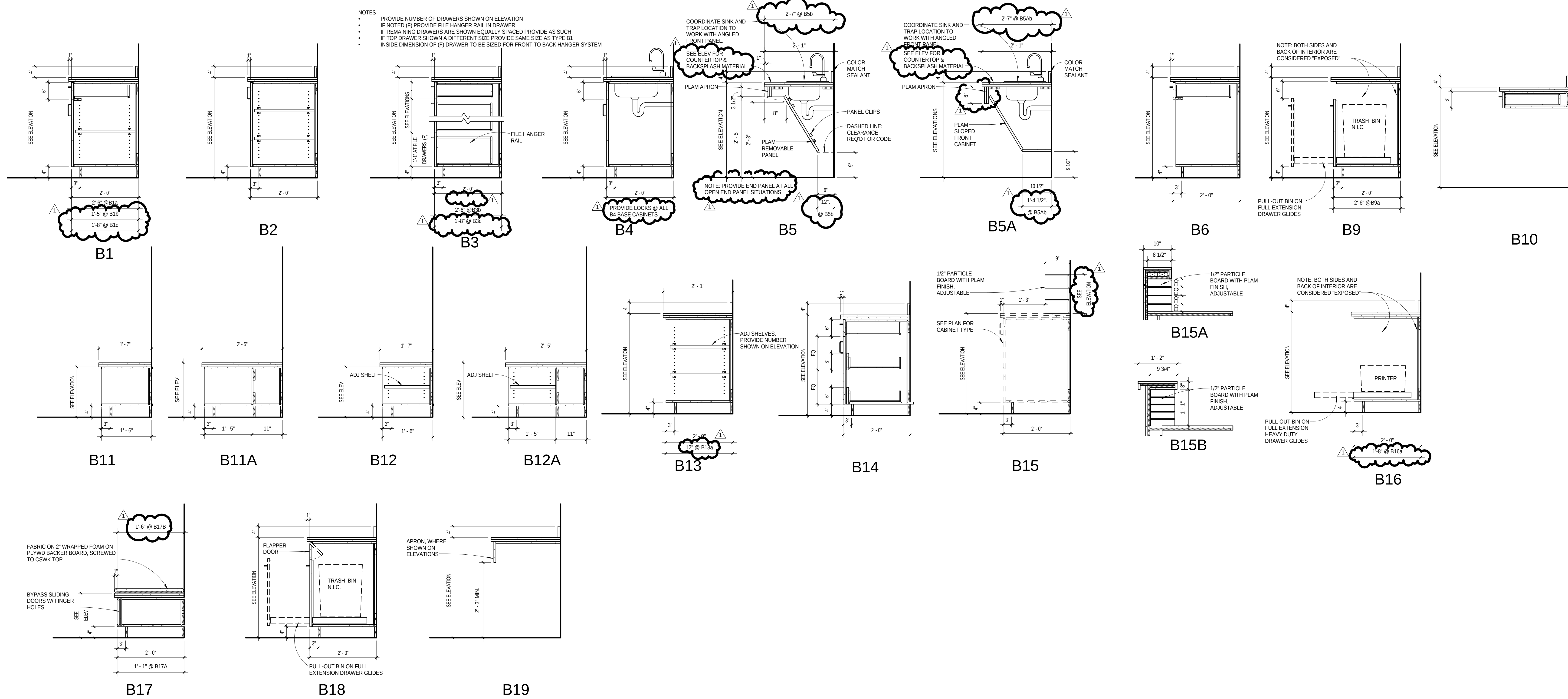
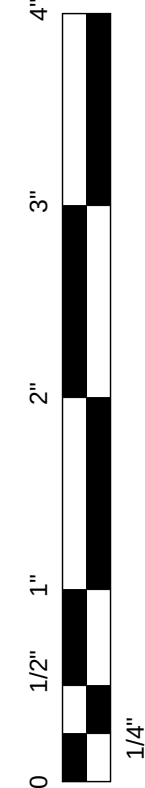


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MSL

Project Number:
24902
Date:
01/28/2014

Sheet Title:
**YORK
SURGICAL
ASSOCIATES
ELEVATIONS**

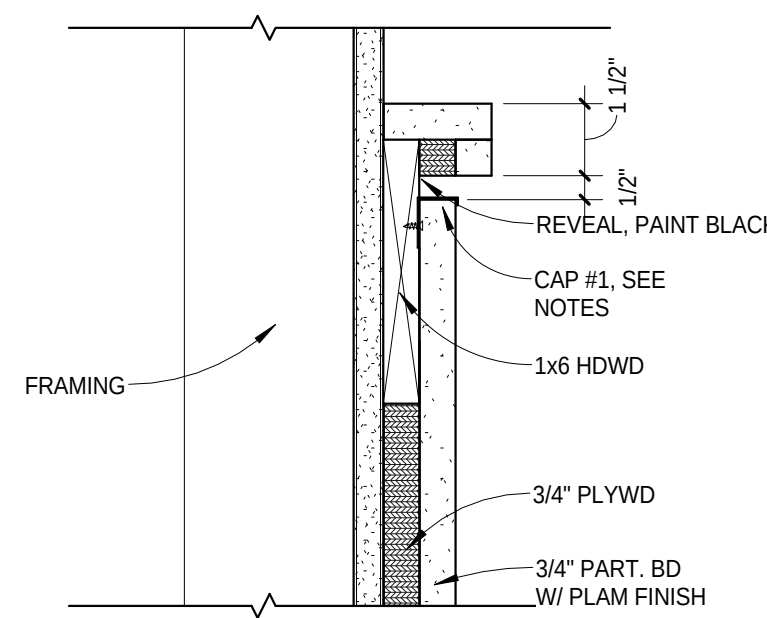
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A7-16



CASEWORK NOTES

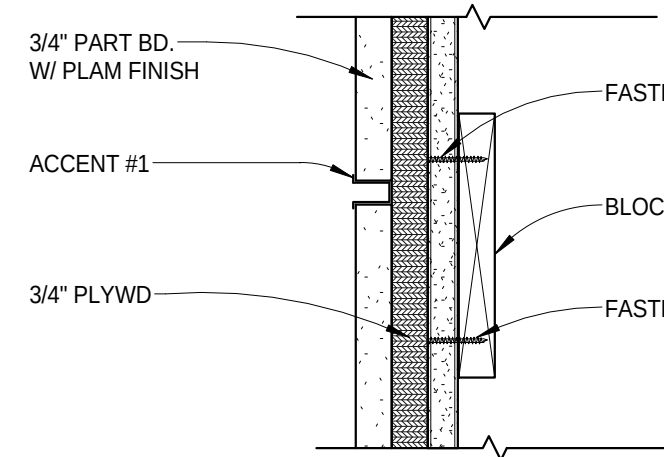
1. ARCHITECT SHALL BE NOTIFIED OF DISCREPANCIES BETWEEN DIMENSIONS ON ELEVATIONS AND DIMENSIONS ON CASEWORK SECTIONS. ALL DISCREPANCIES SHALL BE RESOLVED PRIOR TO FABRICATION.
2. ALL DRAWERS NOTED FOR FILE HANGER RAIL SHALL HAVE AN INSIDE CLEAR DISTANCE (WIDTH) OF 1'-1" FOR LETTER FILES.
3. ALL COUNTERTOPS SHALL HAVE BACKSPASHES AND SIDESPLASHES UNLESS NOTED OTHERWISE. ALL BACK AND SIDE SPLASHES SHALL HAVE A SCRIBE.
4. ALL EXPOSED OUTSIDE CORNERS OF COUNTERTOPS SHALL BE RADUSED (2" MIN. 3" MAX.)
5. CONSTRUCT CABINETS TO ACCOMMODATE FIELD INSTALLATION OF ELECTRICAL, COMMUNICATION, AND OTHER DEVICES INTEGRAL WITH CASEWORK.
6. PLAM JOINTS SHALL BE AVOIDED WHERE EVER POSSIBLE. WHERE NOT POSSIBLE LOCATE JOINTS SYMMETRICALLY ABOUT PANELS.
7. EDGE BAND SURFACES IN PROPER ORDER TO MINIMIZE WATER INFILTRATION AND NUMBER OF EXPOSED JOINTS.
8. USE DARK ADHESIVE WITH DARKER LAMINATE COLORS.
9. SEE DETAIL FOR TYPICAL PLAM SOFT DETAIL.
10. SEAL ALL EDGES, HIDDEN AND EXPOSED, TO LIMIT MO

1 PANEL TO BASE CAP DETAIL
A7-17 3" = 1'-0"



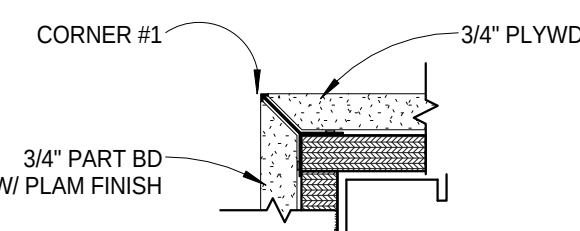
10 PANEL TO TOP CAP DETAIL & TOP
A7-17 3" = 1'-0"

2 PANEL TO PANEL ACCENT DETAIL
A7-17 3" = 1'-0"

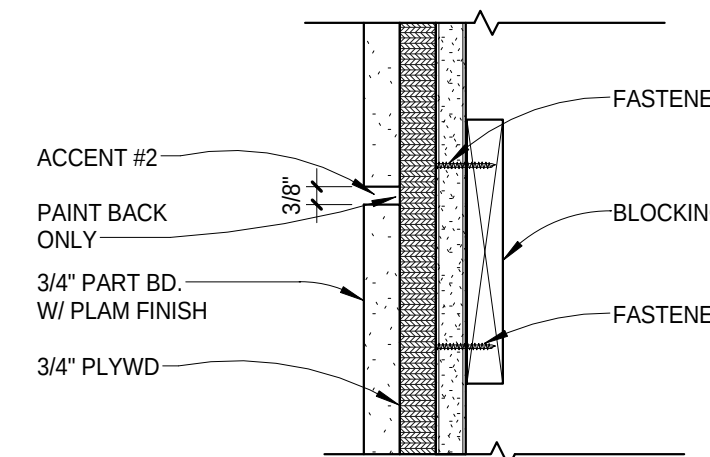


11 PANEL TO WALL CAP DETAIL
A7-17 3" = 1'-0"

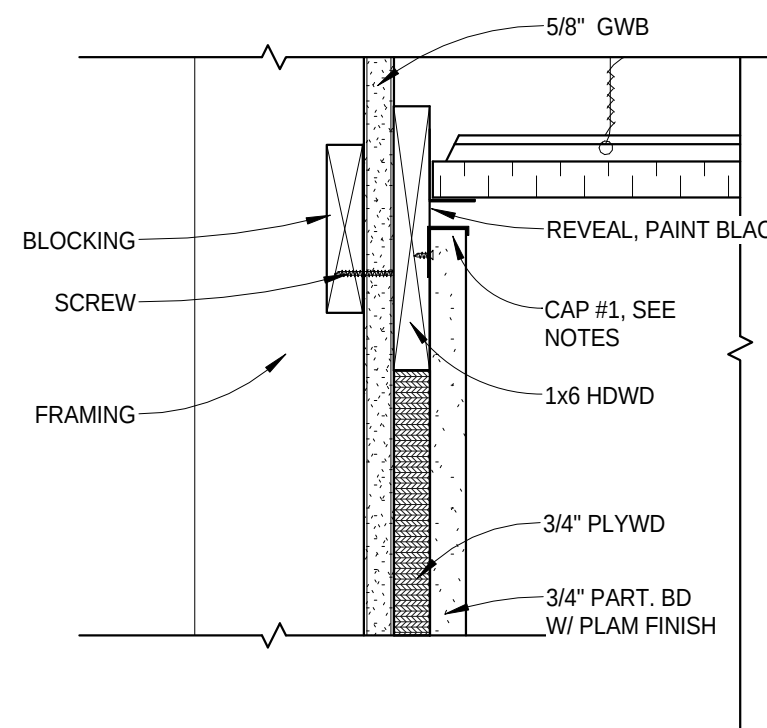
3 PANEL TO PANEL OUTSIDE CORNER DETAIL
A7-17 3" = 1'-0"



4 PANEL TO PANEL REVEAL DETAIL
A7-17 3" = 1'-0"

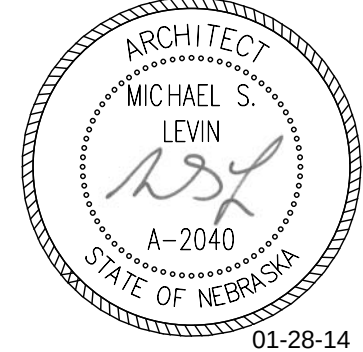


5 PANEL TO TOP CAP DETAIL
A7-17 3" = 1'-0"



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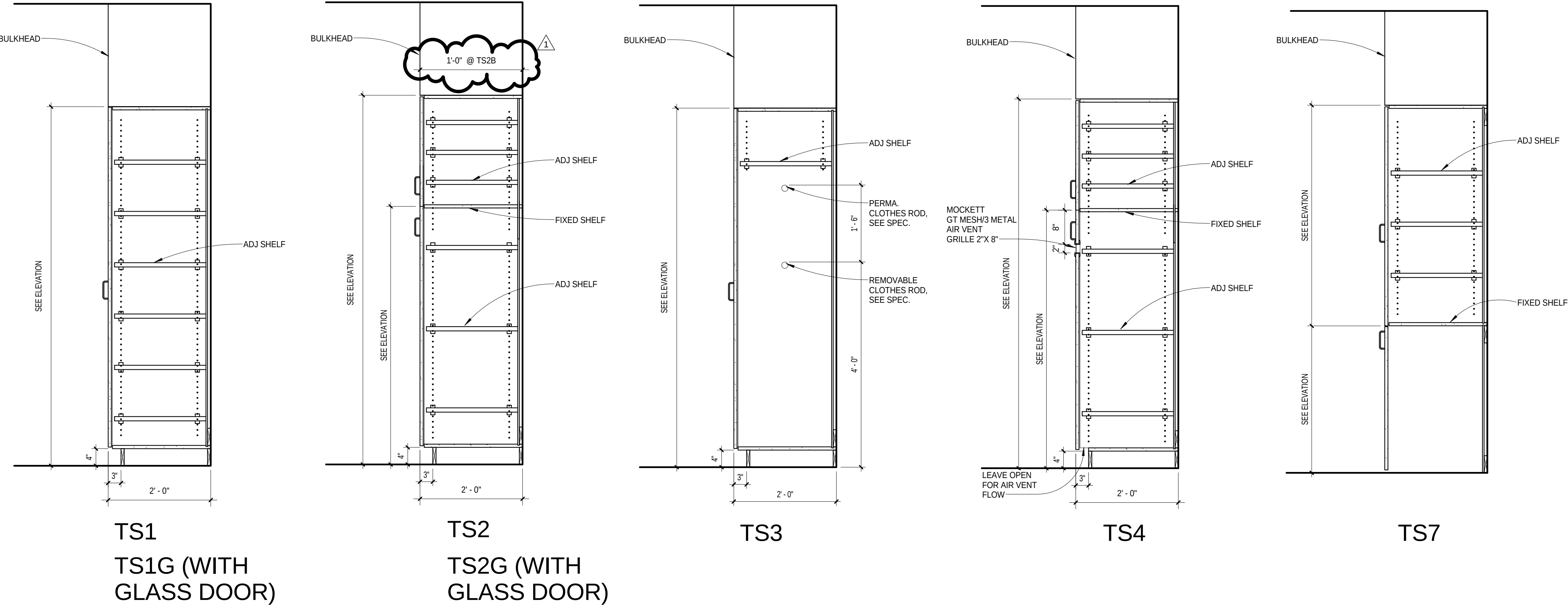
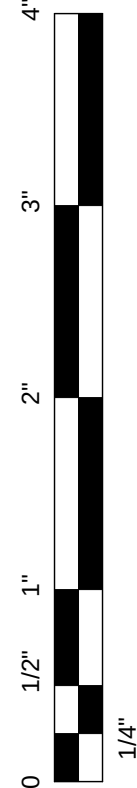
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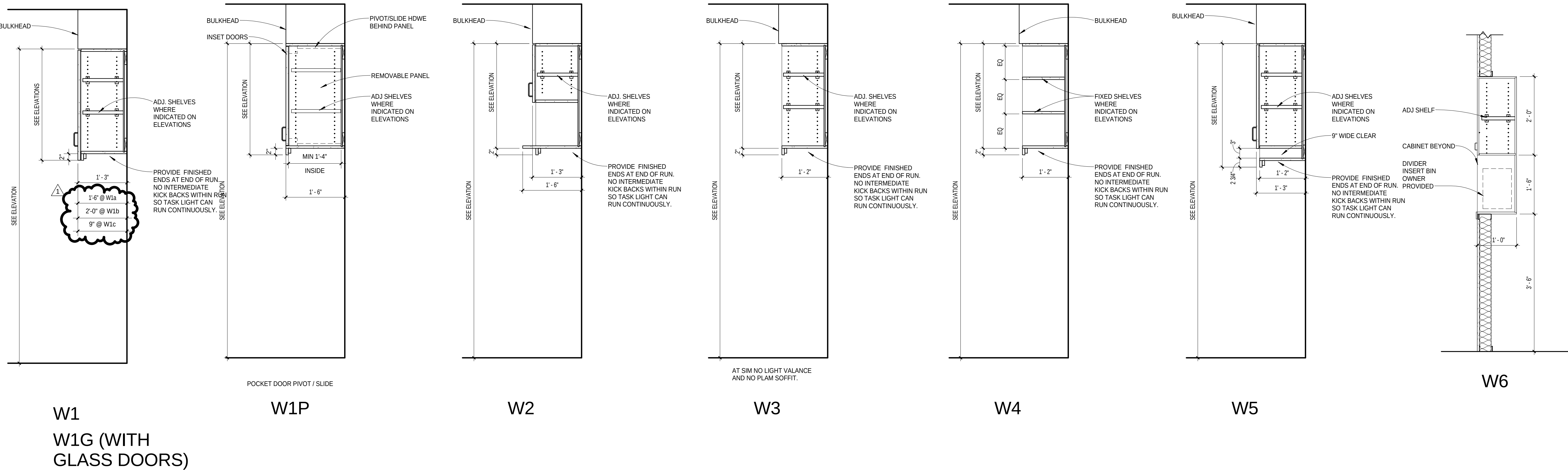
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**CASEWORK
DETAILS**

Sheet Number:

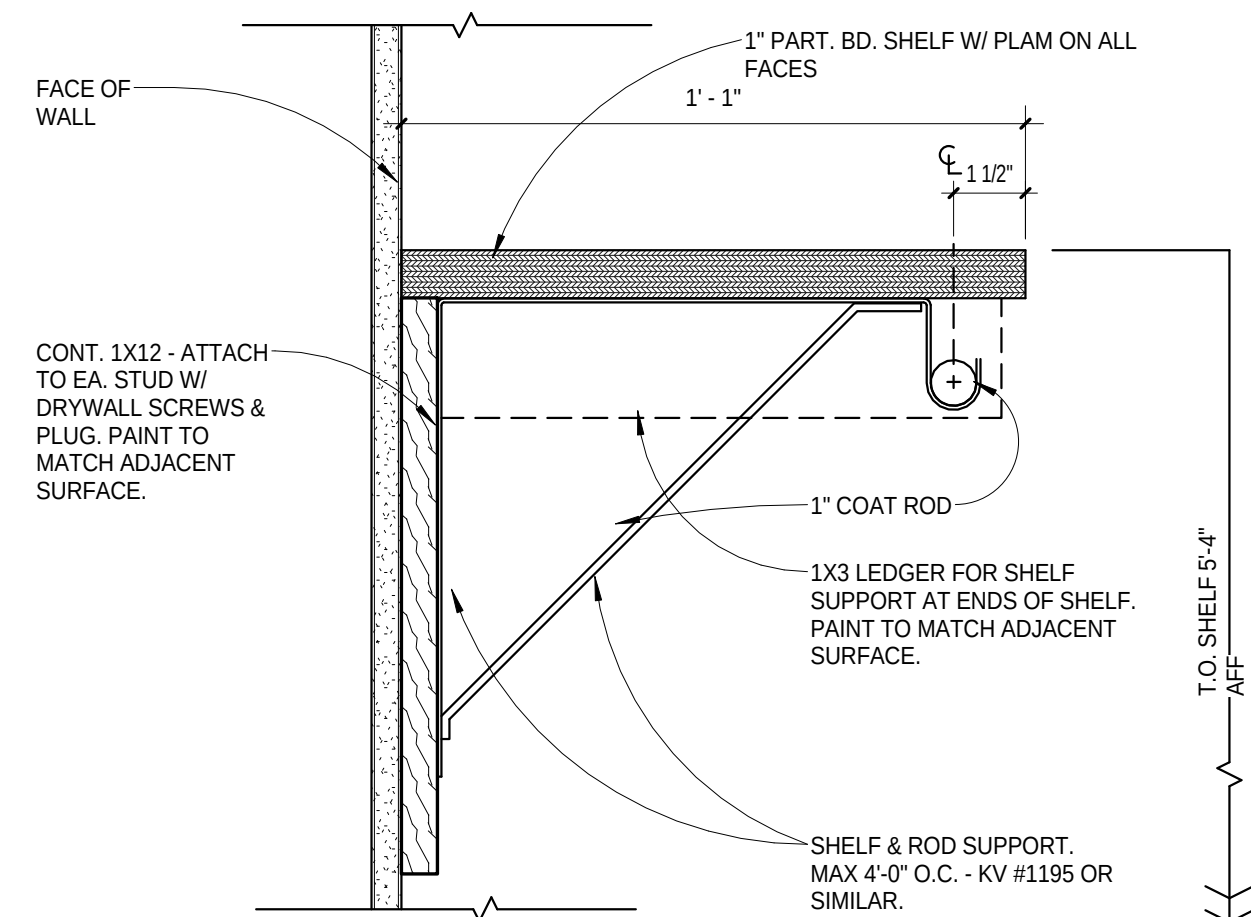
A7-17



1 SECTION TS1
A7-19 3/4" = 1'-0"



2 SECTION W1
A7-19 3/4" = 1'-0"



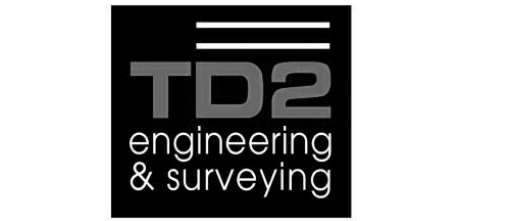
3 CASEWORK DETAIL - COAT ROD & SHELF
A7-19 3" = 1'-0"



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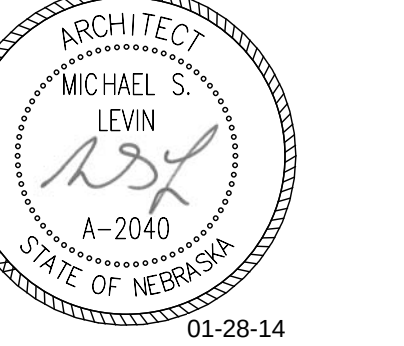
YORK GENERAL
HEALTH CARE
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Project Title:
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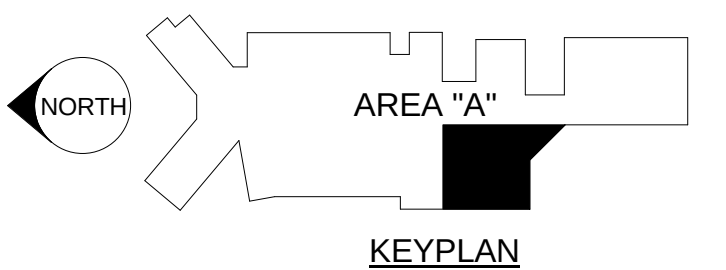
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Sheet Title:
**CASEWORK
DETAILS**

Sheet Number:

A7-19





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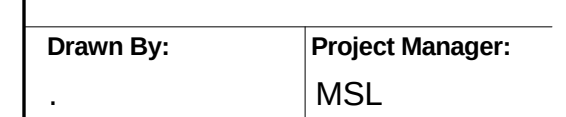
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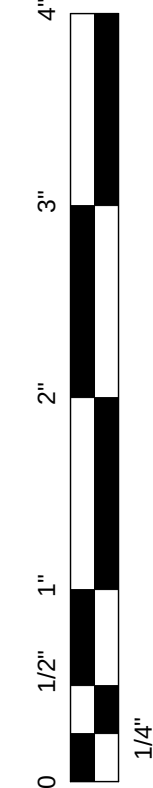
**PATTERN PLAN
- AREA "A"**

Sheet Number:

A8-1



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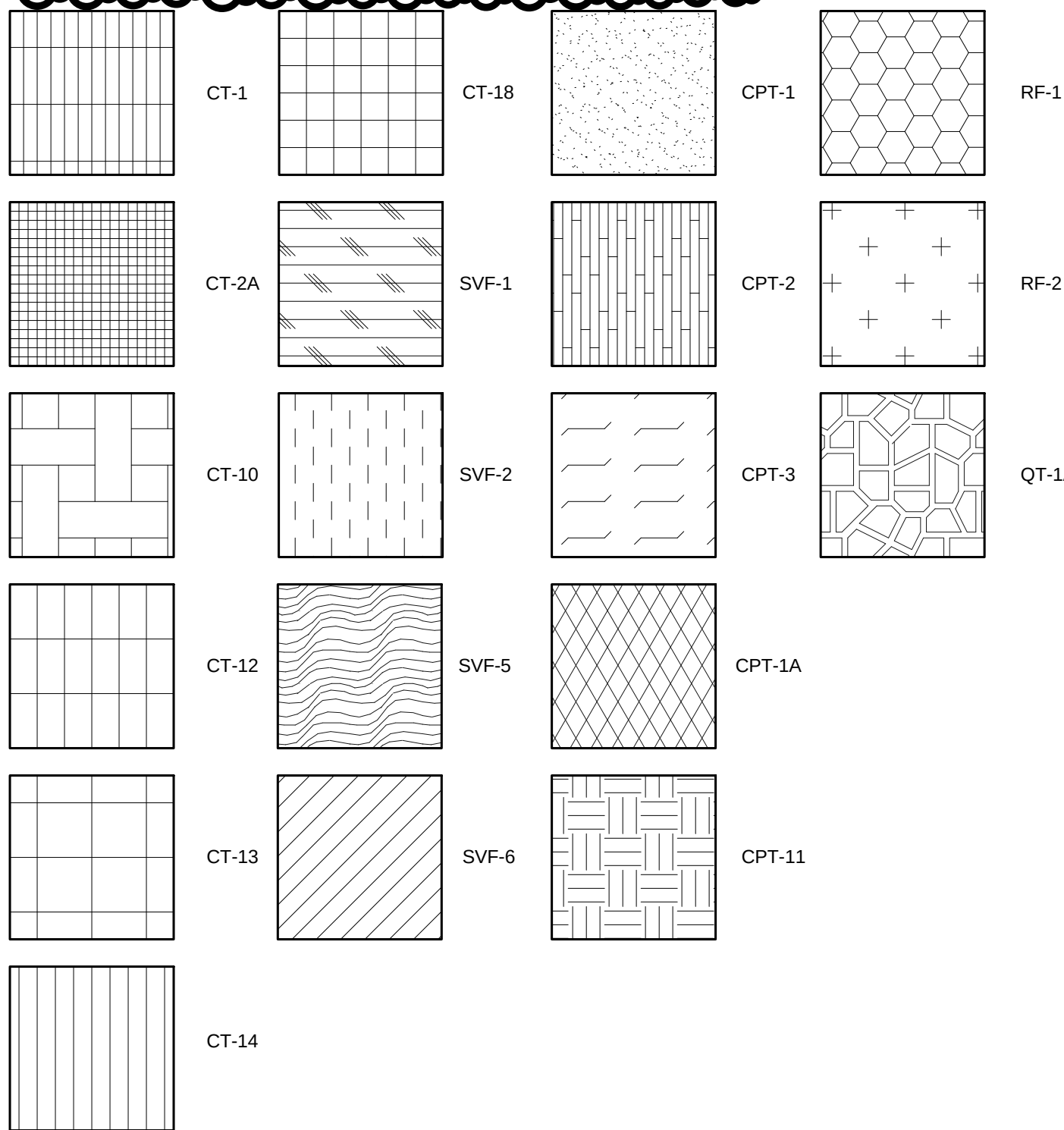


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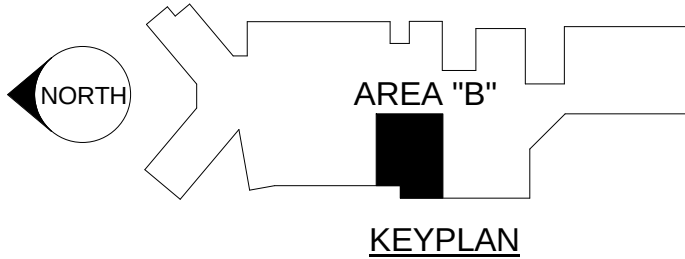


FLOOR PATTERN LEGEND

NOTE: SEE SHEET A3-6, COLOR AND MATERIAL SCHEDULE, FOR CODE OF ABBREVIATIONS.



1 FLOOR PATTERN PLAN - AREA "B"
A8-2 3/16" = 1'-0"



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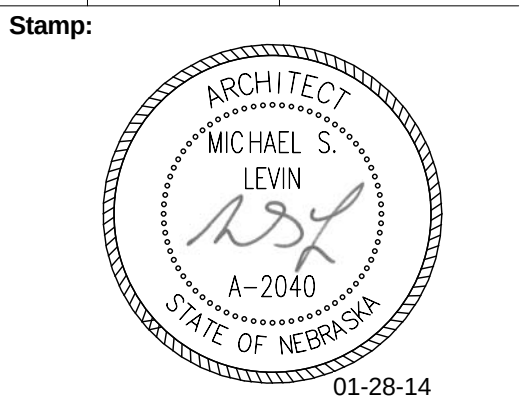
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Sheet Title:
**FLOOR
PATTERN PLAN
- AREA "B"**

Sheet Number:
A8-2

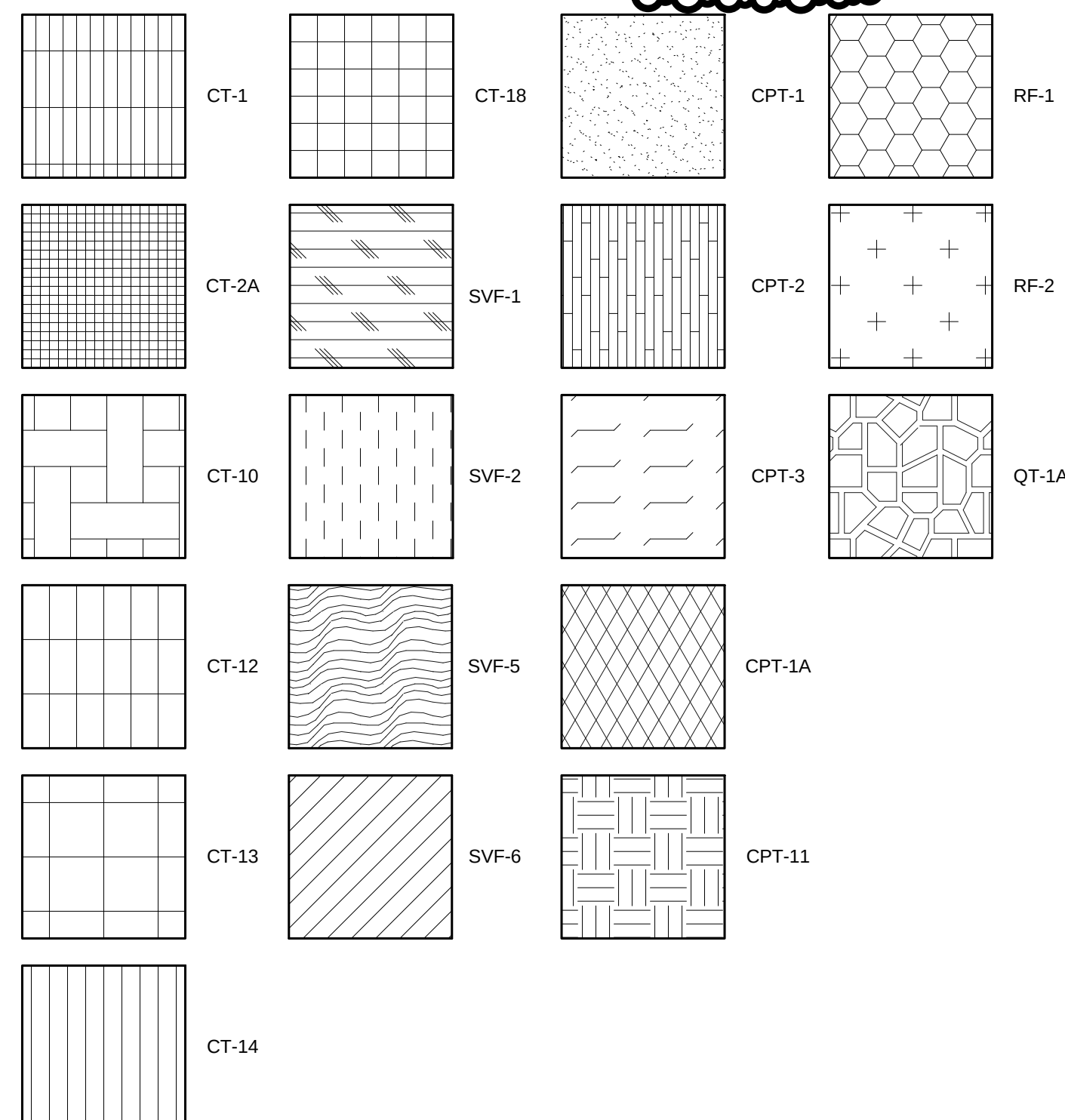
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0 1/2" 1" 2" 3" 4"
1/4"

Generic - 4" Conc

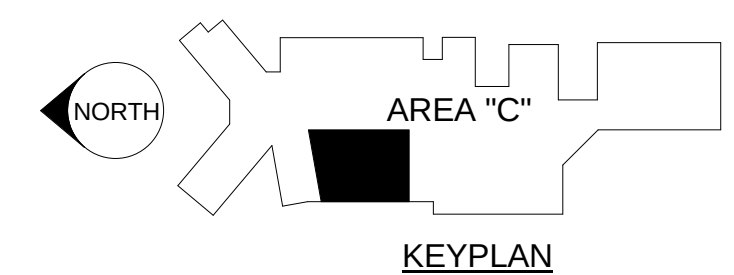


FLOOR PATTERN LEGEND



NOTE: SEE SHEET A8-4 FOR COLOR AND MATERIAL SCHEDULE FOR CODE OF ABBREVIATIONS

1 FLOOR PATTERN PLAN - AREA "C"
A8-3 3/16" = 1'-0"



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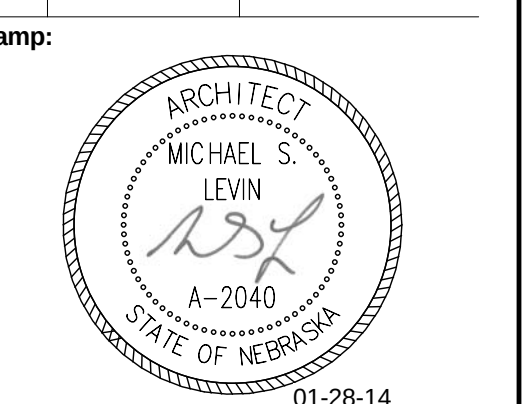
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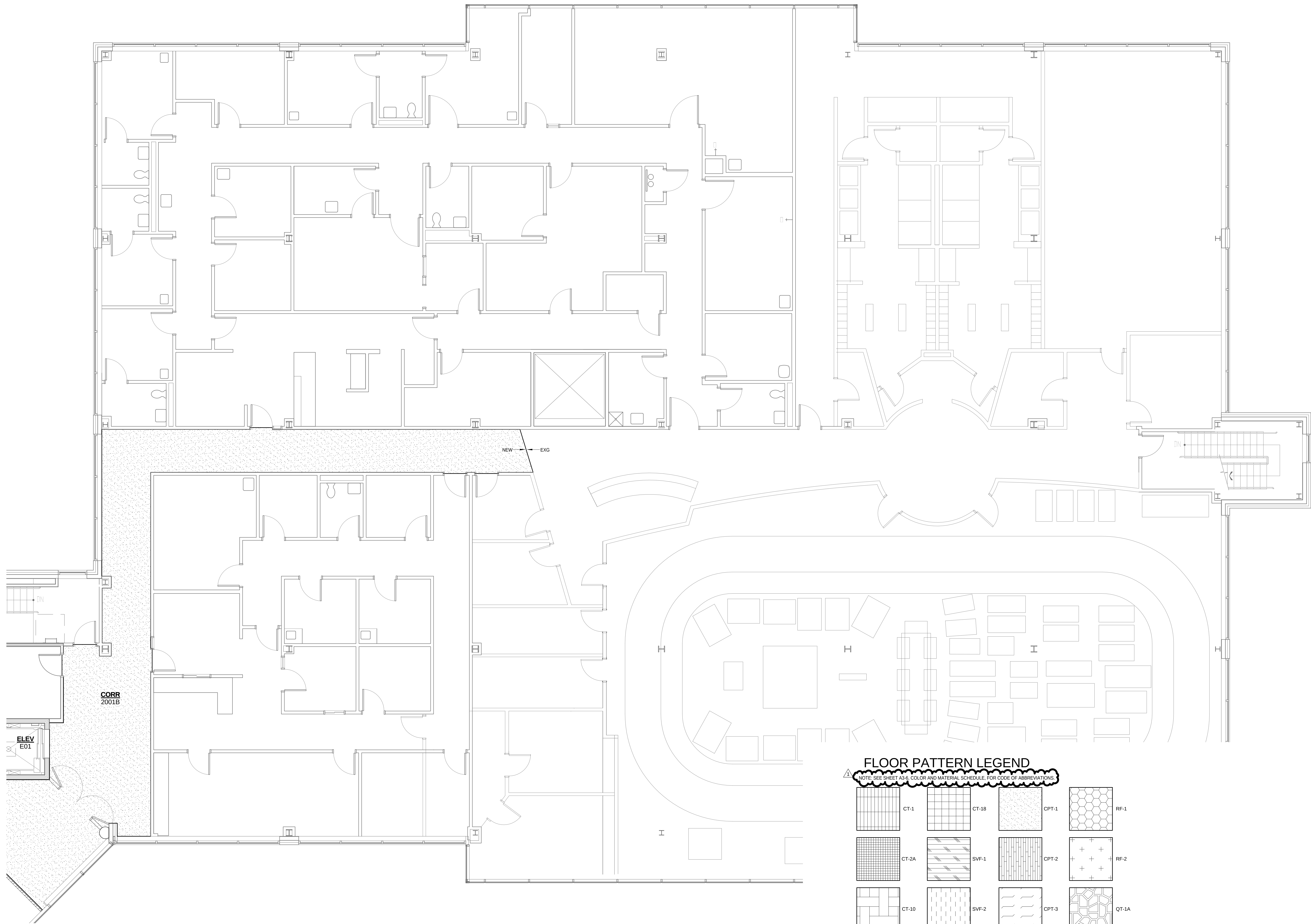
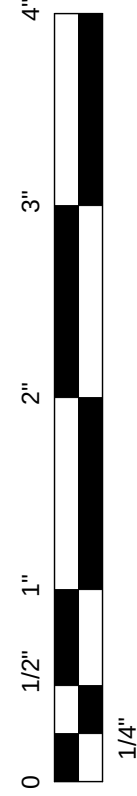


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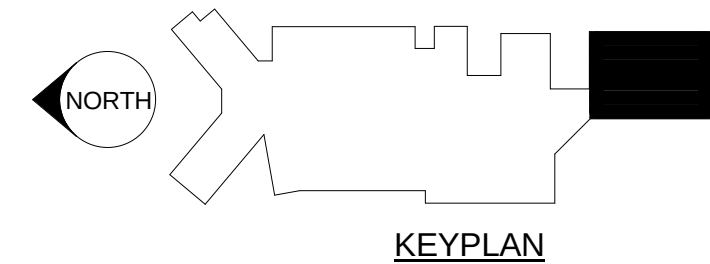
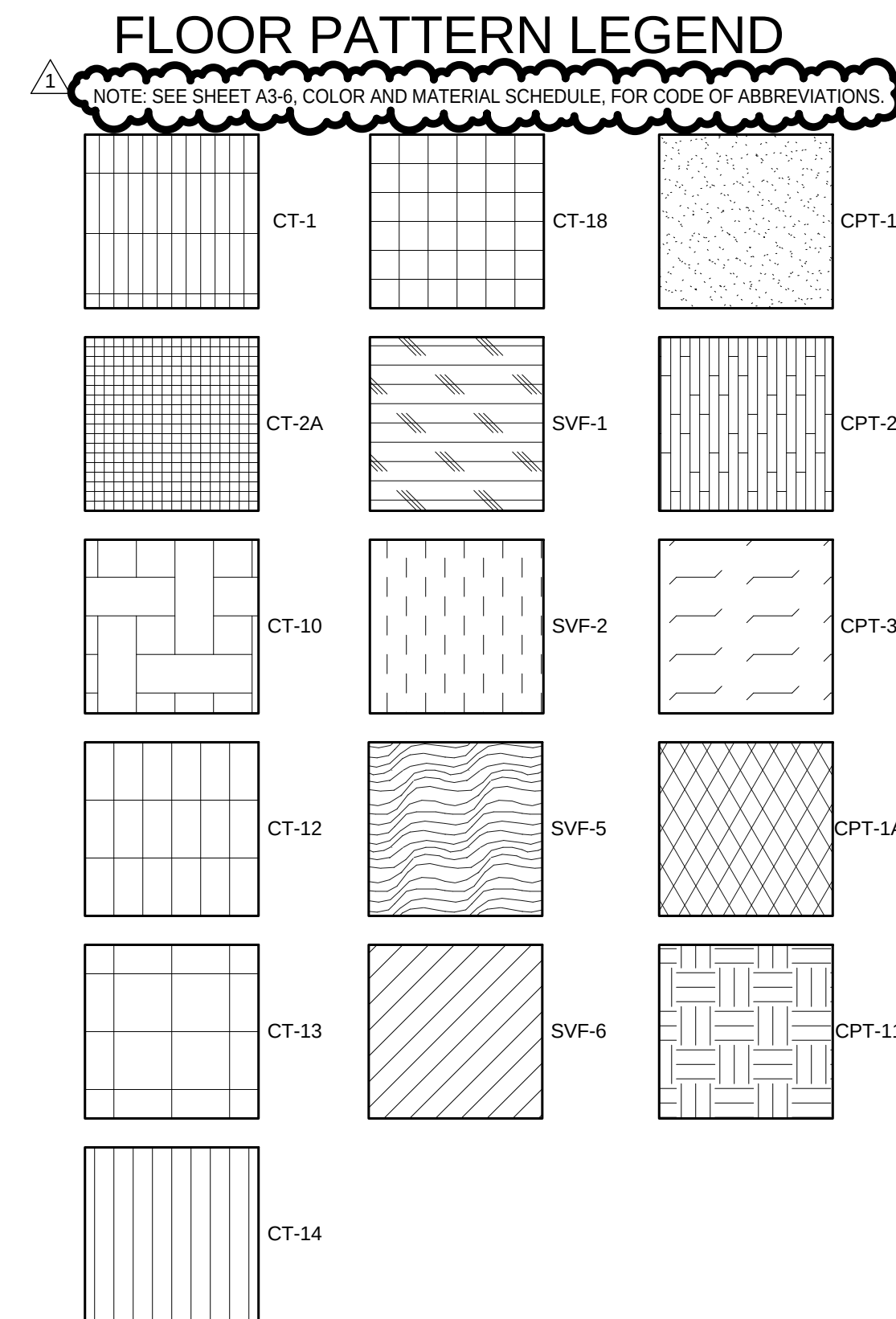
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01/28/2014

Sheet Title:
**FLOOR
PATTERN PLAN
- AREA "C"**

Sheet Number:
A8-3



1 FLOOR PATTERN PLAN SECOND FLOOR - EXISTING MOB
A8-4 3/16" = 1'-0"



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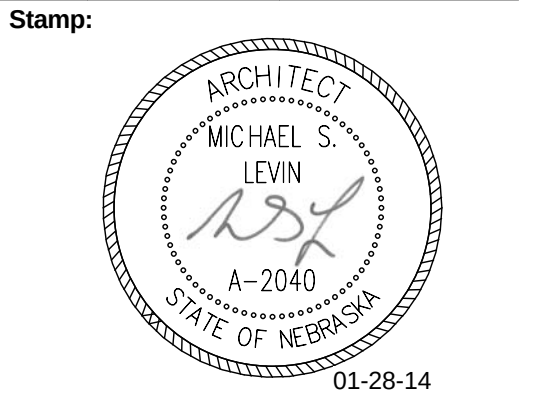
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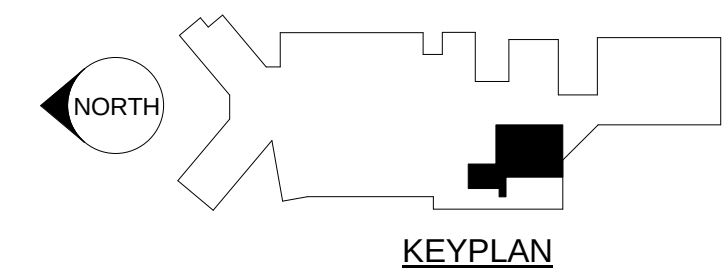
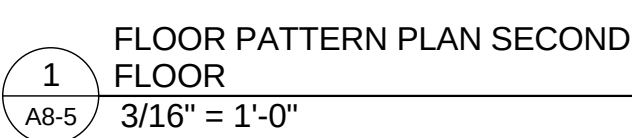
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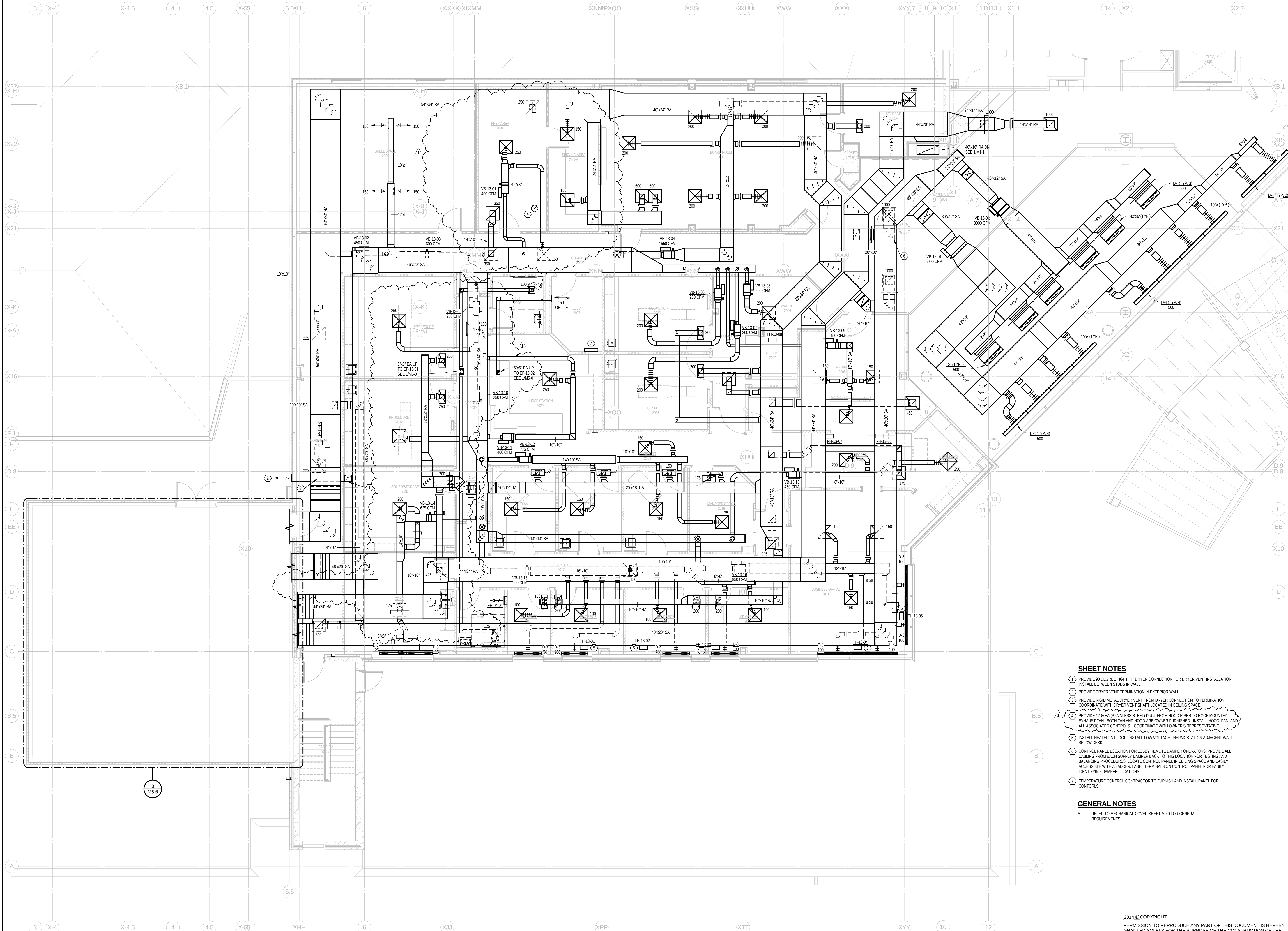
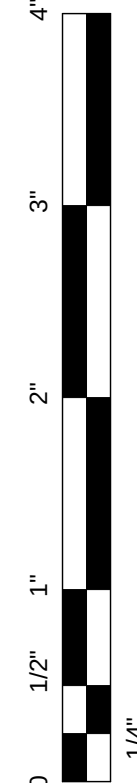
Project Number:
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Sheet Title:
**FLOOR
PATTERN PLAN
SECOND
FLOOR AREA -
EXISTING MOB**

Sheet Number:
A8-4





1 FLOOR PLAN LEVEL 2 - HVAC
M1-4 3/16" = 1'-0"

SHEET NOTES

- 1 PROVIDE 90 DEGREE TIGHT FIT DRYER CONNECTION FOR DRYER VENT INSTALLATION. INSTALL BETWEEN STUDS IN WALL.
- 2 PROVIDE DRYER VENT TERMINATION IN EXTERIOR WALL.
- 3 PROVIDE RIGID METAL DRYER VENT FROM DRYER CONNECTION TO TERMINATION. COORDINATE WITH DRYER VENT SHAFT LOCATED IN CEILING SPACE.
- 4 PROVIDE 12" EA (STAINLESS STEEL) DUCT FROM HOOD RISER TO ROOF MOUNTED EXHAUST FAN. BOTH FAN AND HOOD ARE OWNER FURNISHED. INSTALL HOOD, FAN, AND ALL ASSOCIATED CONTROLS. COORDINATE WITH OWNER'S REPRESENTATIVE.
- 5 INSTALL HEATER IN FLOOR. INSTALL LOW VOLTAGE THERMOSTAT ON ADJACENT WALL BELOW DESK.
- 6 CONTROL PANEL LOCATION FOR LOBBY REMOTE DAMPER OPERATORS. PROVIDE ALL CABLING FROM EACH SUPPLY DAMPER BACK TO THIS LOCATION FOR TESTING AND BALANCING PROCEDURES. LOCATE CONTROL PANEL IN CEILING SPACE AND EASILY ACCESSIBLE WITH A LADDER. LABEL TERMINALS ON CONTROL PANEL FOR EASY IDENTIFYING DAMPER LOCATIONS.
- 7 TEMPERATURE CONTROL CONTRACTOR TO FURNISH AND INSTALL PANEL FOR CONTROLS.

GENERAL NOTES

- A REFER TO MECHANICAL COVER SHEET M0-0 FOR GENERAL REQUIREMENTS.

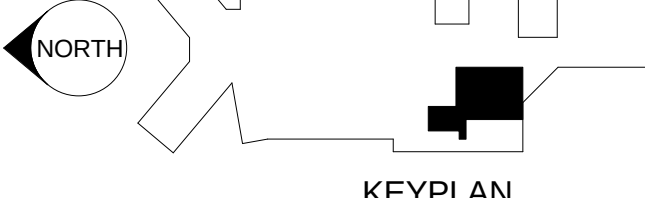
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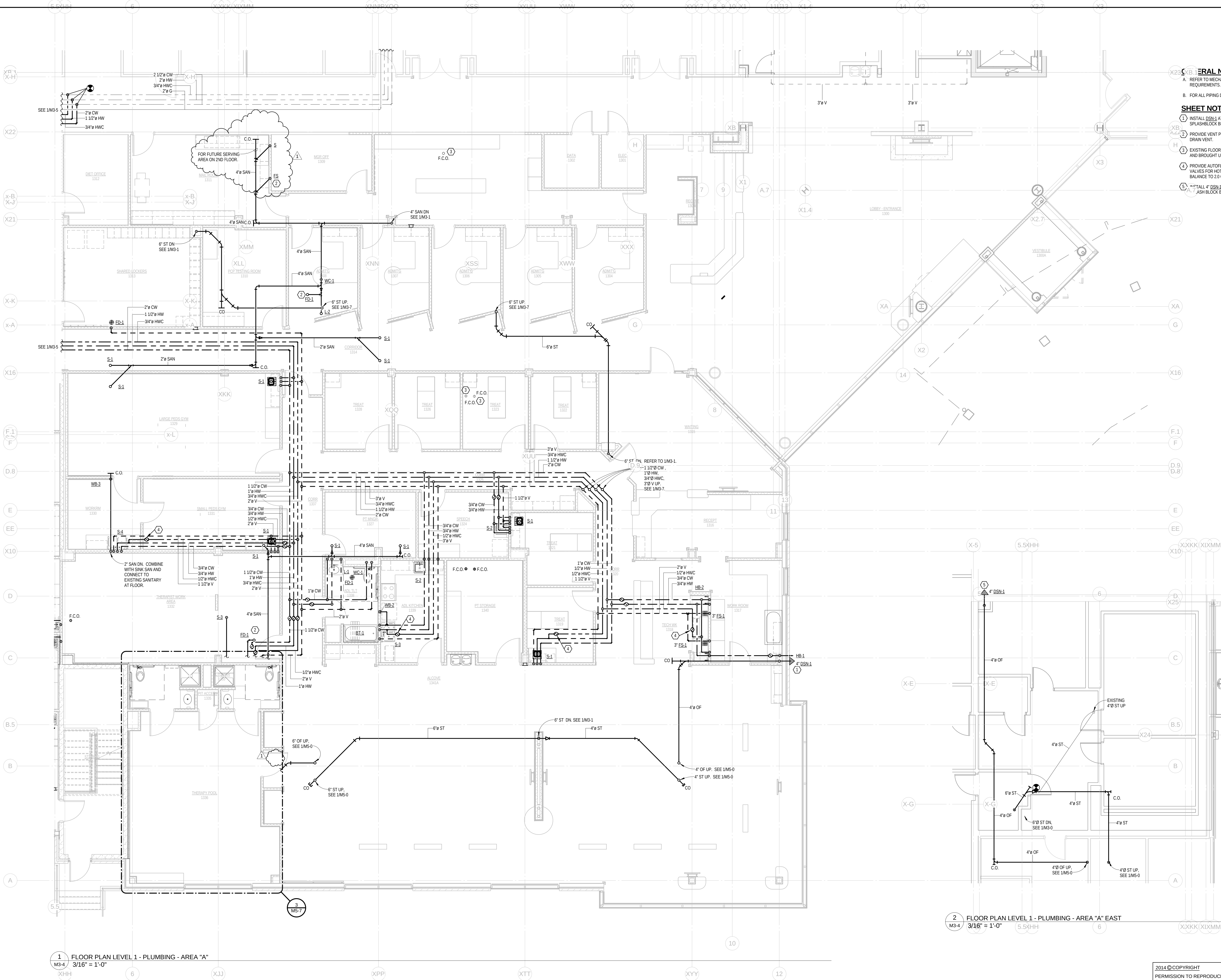
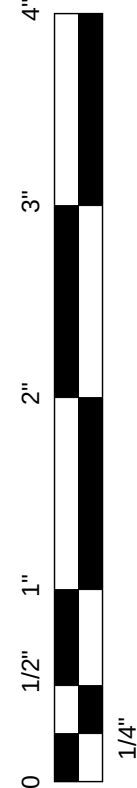
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FLOOR PLAN - LEVEL 2 - HVAC

Sheet Number:

M1-4

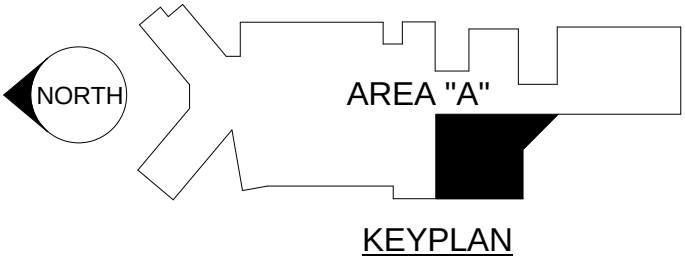
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1 FLOOR PLAN LEVEL 1 - PLUMBING - AREA "A"
M3-4 3/16" = 1'-0"

- GENERAL NOTES**
- A. REFER TO MECHANICAL COVER SHEET M0-0 FOR GENERAL REQUIREMENTS.
- B. FOR ALL PIPING DOWN, REFER TO LM3-1.
- SHEET NOTES**
1. INSTALL DSN-1 AT 18" ABOVE GRADE. PROVIDE SPLASHBLOCK BELOW DOWNSPOUT.
2. PROVIDE VENT PIPING UP FOR FLOOR OR SHOWER DRAIN VENT.
3. EXISTING FLOOR CLEANOUTS TO BE REPLACED AND BROUGHT UP TO NEW FLOOR SURFACE.
4. PROVIDE AUTOFLOW, CHECK, AND ISOLATION VALVES FOR HOT WATER RECIRCULATION PIPING. BALANCE TO 2.0 GPM.
5. **INSTALL 4" DSN-1 AT 18" ABOVE GRADE. INSTALL ASH BLOCK BELOW DOWNSPOUT.

2 FLOOR PLAN LEVEL 1 - PLUMBING - AREA "A" EAST
M3-4 3/16" = 1'-0"



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JSH

Project Manager:
CDH

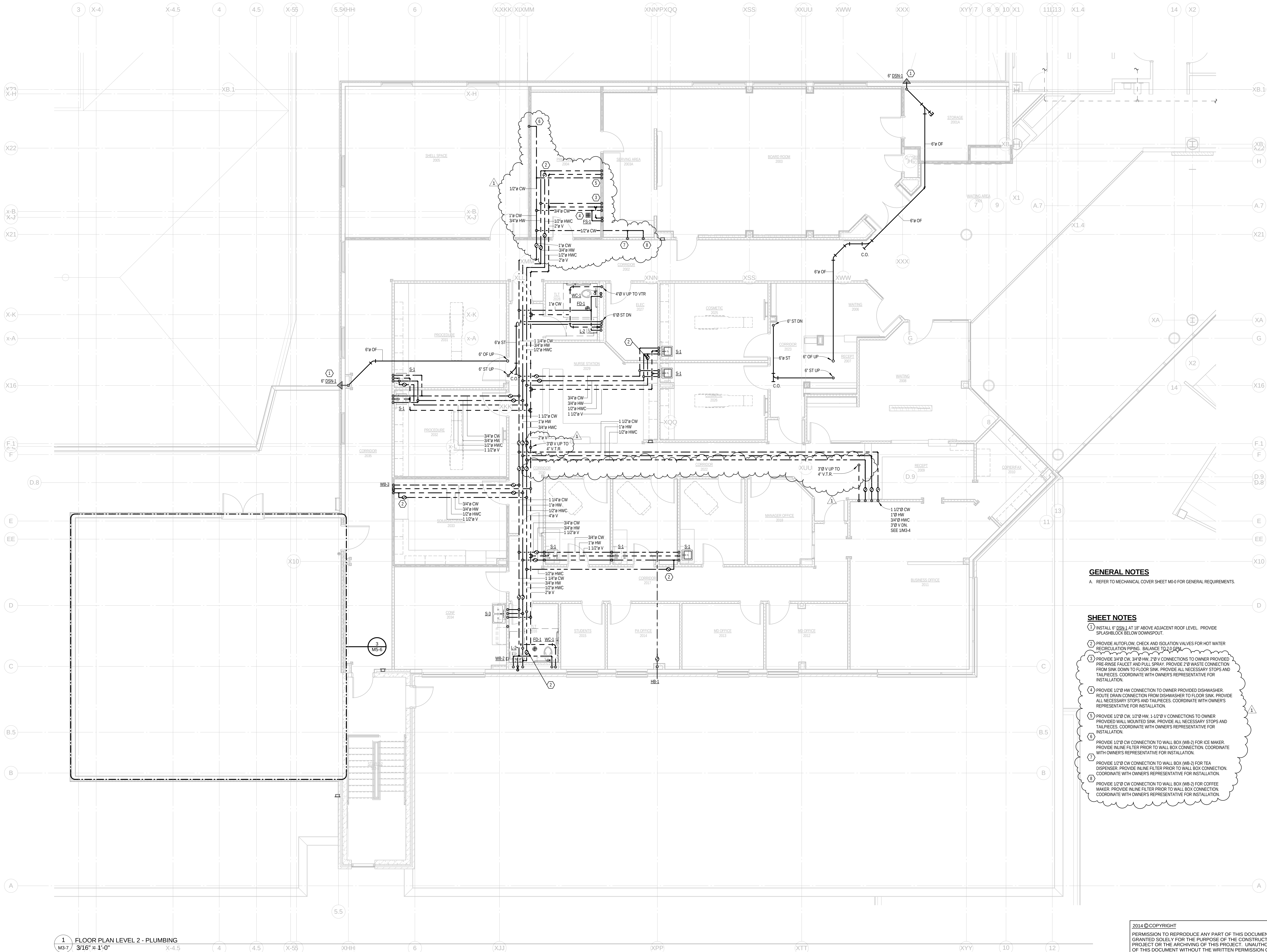
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Sheet Title:
FLOOR PLAN LEVEL 1 - PLUMBING - AREA "A"

Sheet Number:
M3-4

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1 FLOOR PLAN LEVEL 2 - PLUMBING
M3-7 3/16" = 1'-0"

GENERAL NOTES
A. REFER TO MECHANICAL COVER SHEET M0-0 FOR GENERAL REQUIREMENTS.

- SHEET NOTES**
1. INSTALL 6" DSNLJ AT 18" ABOVE ADJACENT ROOF LEVEL. PROVIDE BRUSHBLOCK BELOW DOWNSPOUT.
 2. PROVIDE AUTOFLOW, CHECK AND ISOLATION VALVES FOR HOT WATER RECIRCULATION PIPING. BALANCE TO 2.0 GPM.
 3. PROVIDE 3/4" CW, 3/4" HW, 2" V CONNECTIONS TO OWNER PROVIDED PRE-RINSE FAUCET AND PULL SPRAY. PROVIDE 2" WASTE CONNECTION FROM SINK DOWN TO FLOOR SINK. PROVIDE ALL NECESSARY STOPS AND TAILPIECES. COORDINATE WITH OWNER'S REPRESENTATIVE FOR INSTALLATION.
 4. PROVIDE 1/2" HW CONNECTION TO OWNER PROVIDED DISHWASHER. ROUTE DRAIN CONNECTION FROM DISHWASHER TO FLOOR SINK. PROVIDE ALL NECESSARY STOPS AND TAILPIECES. COORDINATE WITH OWNER'S REPRESENTATIVE FOR INSTALLATION.
 5. PROVIDE 1/2" CW, 1/2" HW, 1-1/2" V CONNECTIONS TO OWNER PROVIDED WALL MOUNTED SINK. PROVIDE ALL NECESSARY STOPS AND TAILPIECES. COORDINATE WITH OWNER'S REPRESENTATIVE FOR INSTALLATION.
 6. PROVIDE 1/2" CW CONNECTION TO WALL BOX (WB-2) FOR ICE MAKER. PROVIDE INLINE FILTER PRIOR TO WALL BOX CONNECTION. COORDINATE WITH OWNER'S REPRESENTATIVE FOR INSTALLATION.
 7. PROVIDE 1/2" CW CONNECTION TO WALL BOX (WB-2) FOR TEA DISPENSER. PROVIDE INLINE FILTER PRIOR TO WALL BOX CONNECTION. COORDINATE WITH OWNER'S REPRESENTATIVE FOR INSTALLATION.
 8. PROVIDE 1/2" CW CONNECTION TO WALL BOX (WB-2) FOR COFFEE MAKER. PROVIDE INLINE FILTER PRIOR TO WALL BOX CONNECTION. COORDINATE WITH OWNER'S REPRESENTATIVE FOR INSTALLATION.

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Construction

Client:

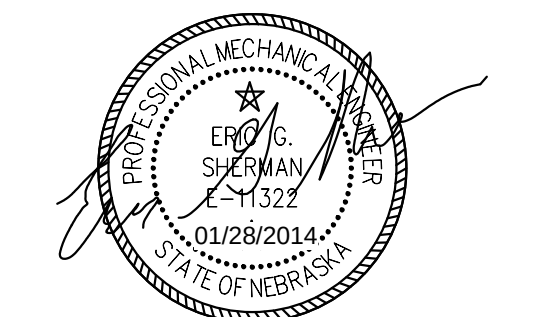
**YORK GENERAL
HEALTH CARE
SERVICES**

Project Title:
**HOSPITAL
ADDITION AND
REMODEL**

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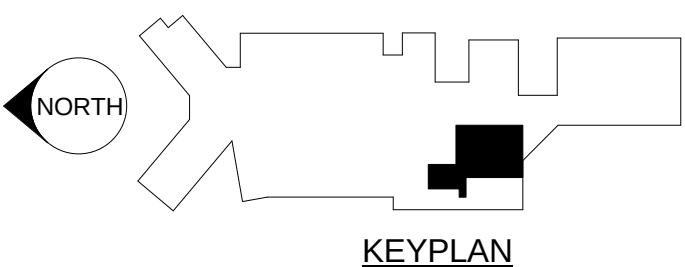
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Project Manager: CDH

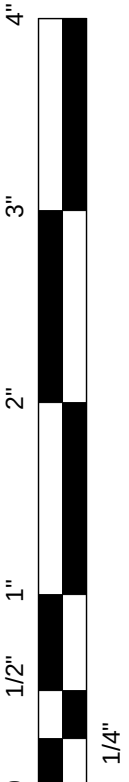
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**FLOOR PLAN
LEVEL 2 -
PLUMBING**

Sheet Number:

M3-7





DIFFUSER, REGISTER, AND GRILLE SCHEDULE

MARK (1)	DESCRIPTION	MAX. S.P. [IN. W.C.]	CONST. MATERIAL	FINISH	FACE SIZE	NECK SIZE	AIRFLOW	MANUFACTURER	MODEL	REMARKS
D-1	LOUVERED FACE STYLE SUPPLY DIFFUSER	0.1	STEEL	WHITE	24"x24"	6" 8" 10" 12" 14"	0-185 186-230 291-410 411-540 541-685	PRICE	SMD	(1)(2)(3)
D-2	LOUVERED FACE STYLE SUPPLY DIFFUSER	0.1	STEEL	WHITE	12"x12"	6" 8" 10" 12" 14"	0-155 156-230 291-410 411-540 541-685	PRICE	SMD	(1)(2)(3)
D-3	LINEAR SLOT STYLE SUPPLY DIFFUSER	0.1	STEEL	WHITE	24"x24"	2 SLOTS @ 0.75" SEE PLANS FOR LENGTH	0-150	PRICE	SDS	(1)(2)(3)(6)
D-4	LINEAR SLOT STYLE SUPPLY DIFFUSER	0.1	STEEL	WHITE	24"x24"	4 SLOTS @ 0.75" SEE PLANS FOR LENGTH	0-150	PRICE	SDS	(1)(2)(3)(6)
D-5	HEPA FILTERED LAMINAR FLOW SUPPLY DIFFUSER	0.3	ALUMINUM	WHITE	24"x48"	8"	0-230	PRECISION AIR PRODUCTS	HEP-DS-2448-A	(1)(2)(3)
D-6	LOUVERED FACE STYLE SUPPLY DIFFUSER	0.1	ALUMINUM	WHITE	24"x24"	6" 8" 10" 12" 14"	0-185 186-230 291-410 411-540 541-685	PRICE	AMD	(1)(2)(3)
G-1	DUCTED PERFORATED RETURN GRILLE	0.1	STEEL	WHITE	24"x24"	6"x6" 8"x8" 10"x10" 12"x12" 14"x14"	0-155 156-230 291-410 411-540 541-685	PRICE	PFR	(1)(2)(3)
G-2	DUCTED PERFORATED RETURN GRILLE	0.1	STEEL	WHITE	24"x12"	6"x6" 8"x8" 10"x10" 12"x12" 14"x14"	0-155 156-230 291-410 411-540 541-685	PRICE	PFR	(1)(2)(3)
G-3	DUCTED PERFORATED RETURN GRILLE	0.1	STEEL	WHITE	12"x12"	6"x6" 8"x8" 10"x10" 12"x12" 14"x14"	0-155 156-230 291-410 411-540 541-685	PRICE	PFR	(1)(2)(3)
G-4	SINGLE DEFLECTION RETURN GRILLE 45° DEFLECTION 3/4" SPACING	0.1	ALUMINUM	WHITE	SEE PLANS	FACE - 3"	SEE PLANS	PRICE	630	(1)(2)(3)
G-5	SINGLE DEFLECTION RETURN GRILLE 0° DEFLECTION 3/4" SPACING	0.1	ALUMINUM	WHITE	SEE PLANS	FACE - 3"	SEE PLANS	PRICE	630	(1)(2)(3)
G-6	DUCTED PERFORATED RETURN GRILLE	0.1	ALUMINUM	WHITE	24"x24"	6"x6" 8"x8" 10"x10" 12"x12" 14"x14"	0-195 196-230 291-410 411-540 541-685	PRICE	PDR	(1)(2)(3)
G-7	DUCTED PERFORATED RETURN GRILLE	0.1	ALUMINUM	WHITE	24"x12"	6"x6" 8"x8" 10"x10" 12"x12" 14"x14"	0-195 196-230 291-410 411-540 541-685	PRICE	PDR	(1)(2)(3)
G-8	DUCTED PERFORATED RETURN GRILLE	0.1	100% ALUMINUM	WHITE	24"x24"	6"x6" 8"x8" 10"x10" 12"x12" 14"x14"	0-195 196-230 291-410 411-540 541-685	PRICE	PDR-MRI	(1)(2)(3)(4)
G-9	SINGLE DEFLECTION RETURN GRILLE 45° DEFLECTION 3/4" SPACING	0.1	STAINLESS STEEL	CLEAR COAT	20"W x24"H	FACE - 3"	1250	PRICE	700H	(1)(2)(3)
G-10	LINEAR BAR GRILLE 0° DEFLECTION, 1/8" BARS, 3/4" SPACING	N/A	ANODIZED ALUMINUM	CLEAR COAT	4"W x VARIES	N/A	N/A	PRICE	LBP	(5)

- REMARKS
- COORDINATE EXACT MODEL AND FRAME WITH CEILING/WALL TYPE.
 - PROVIDE REMOTE DAMPER ACTUATION IN HARD CEILINGS.
 - PROVIDE BLACKOUT PANELS ON TRANSFER GRILLES.
 - DIFFUSER/GRILLE CONSTRUCTION SHALL BE 100% ALUMINUM AND RATED FOR USE IN MRI APPLICATIONS BY THE MANUFACTURER.
 - GRILLE SHALL BE CONTINUOUS FOR THE LENGTH OF THE SILL AND SHALL BE CURVED TO MATCH THE CONTOUR OF THE SILL. GRILLE SHALL HAVE 3/4" BORDER (TITUS BORDER TYPE 12) AND CONCEALED FASTENING (TITUS TYPE C).
 - PROVIDE WITH INSULATED SUPPLY PLENUM.
 - WHERE SLOT DIFFUSERS ARE ADJACENT, APPEARANCE SHALL BE CONTINUOUS.

PUMP SCHEDULE

MARK	SYSTEM	FLOW [GPM]	TOTAL HEAD [FT]	SHUT-OFF HEAD [FT]	MIN. EFFICIENCY [%]	TYPE OF FLUID	RPM	SUCTION/ DISCHARGE SIZE [IN.]	MAX. IMPELLER DIA. [IN.]	ELECTRICAL DATA			MANUFACTURER	MODEL	REMARKS
										HP	VOLTS/PHASE	CONTROL DEVICE			
HWP-B-01	MAIN HEATING HOT WATER	315	120	125	70	WATER	1760	-	11.25	20	4803	VFD	TACO	F3011	(1)
HWP-B-02	MAIN HEATING HOT WATER	315	120	125	70	WATER	1760	-	11.25	20	4803	VFD	TACO	F3011	(1)
HWP-B-03	MAIN HEATING HOT WATER	315	120	125	70	WATER	1760	-	11.25	20	4803	VFD	TACO	F3011	(1)
HWP-B-04	RE-HEATING HOT WATER	175	45	50	70	WATER	1760	-	7.5	5	4803	VFD	TACO	F3017	(1)
SP-04-01	POOL DRAIN DOWN	60	20	48	-	POOL	3600	-	-	1	1201	INTEGRAL	STANCOR	SS-100A	(1)
SP-04-02	DRAIN TILE	10	20	37	-	STORM	-	-	-	1/2	1201	INTEGRAL	STANCOR	SE-50A	(2)

- REMARKS
- PROVIDE WITH CONTROL PANEL, INTEGRAL DISCONNECT, AND SINGLE POINT POWER CONNECTION. PROVIDE WITH AUDIOVISUAL ALARM AND BMS ALARM OUTPUT.
 - PROVIDE WITH INTEGRAL MECHANICAL FLOATS FOR CONTROLS. PROVIDE WITH PLUG AND CORD ELECTRICAL CONNECTION. PROVIDE WITH AUDIOVISUAL ALARM AND BMS ALARM OUTPUT.
 - PROVIDE WITH 3/8" x 48" DEEP POLYETHYLENE PIT. PROVIDE SOLID COLOR WITH KNOCKOUT HOLES FOR PIPING.
 - PROVIDE WITH 24" x 36" DEEP POLYETHYLENE PIT. PROVIDE SOLID COLOR WITH KNOCKOUT HOLES FOR PIPING.

STEAM HEAT EXCHANGER SCHEDULE

MARK	SERVES	CONFIGURATION	SHELL SIDE		TUBE SIDE		MANUFACTURER	MODEL	REMARKS
			FLUID	PRESSURE [PSIG]	FLOW [LBHR]	FLOW [GPM]			
HX-B-01	MAIN HEATING HOT WATER	SHELL & TUBE	STEAM	12	3240	160180	315	TACO	EA4210-S (1)(2)
HX-B-02	MAIN HEATING HOT WATER	SHELL & TUBE	STEAM	12	3240	160180	315	TACO	EA4210-S (1)(2)
HX-B-03	MAIN HEATING HOT WATER	SHELL & TUBE	STEAM	12	3240	160180	315	TACO	EA4210-S (1)(2)
HX-B-04	REHEATING HOT WATER	SHELL & TUBE	STEAM	12	1800	7595	175	TACO	EI0210-S (1)(2)

- REMARKS
- PROVIDE WITH ANGLE IRON/UNISTRUT FRAMING FOR DOUBLE-STACKED HEAT EXCHANGERS.
 - FOULING FACTOR = 0.005.

DEAERATOR SCHEDULE

MARK	MAX. SIZE (LxWxH) (IN.)	DA TYPE	PUMPS					TANK DATA			ELECTRICAL DATA		MANUFACTURER	MODEL	REMARKS
			NUMBER	FLOW EA (GPM)	TOTAL HEAD (FT)	HP (EA)	VOLTS/PHASE	QUANTITY	CAPACITY (GAL)	MATERIAL	VOLTS/PHASE	CONNECTION			
DA-B-01	52x24x60	SPRAY	3	19	243	3	4603	1	155	STEEL	4603	SINGLE POINT	BFS	7MS-105	(1)(2)(3)(4)(5)

- REMARKS
- PROVIDE COMPLETE PACKAGE INCLUDING PUMPS, TANK, EXISTING CONTROLS SYSTEM COMPATIBLE CONTROLLER AND VALVES AND ACCESSORIES FOR PROPER OPERATION.
 - PROVIDE WITH PRESSURE REDUCING VALVE ON STEAM INLET.
 - PROVIDE MAKEUP CONTROLLER INCLUDING SOLENOID VALVE, LEVEL SWITCHES, AND CHEMICAL FEED.
 - PROVIDE ASME TANK.
 - PROVIDE FACTORY WIRED SYSTEM WITH SINGLE POINT CONNECTION, DISCONNECT, AND CONTROL CIRCUIT TRANSFORMER.

HYDRONIC COIL SCHEDULE

MARK	SERVES	FLUID TYPE	AIR FLOW [CFM]	ROWS	MAX. FINS PER INCH	MAX. SIZE [LWWH] [IN.]	MAX. VELOCITY [FPM]	MAX. AIR P.D. [IN. W.C.]	ENTERING DBWB [°F]	LEAVING DBWB [°F]	TOTAL CAPACITY [MBH]	SENS. CAPACITY [MBH]	FLUID DATA			MANUFACTURER	MODEL	REMARKS
													FLOW [GPM]	ENTHALPY [°F]	MAX. P.D. [FT.]			
CC-04	AHU-04	WATER	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
CC-10	AHU-10	WATER	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
CC-13	AHU-13	WATER	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
CC-14	AHU-14	WATER	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
CC-15A	AHU-15	WATER	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
CC-15B	AHU-15	WATER	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
CC-16	AHU-16	WATER	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
CC-17	AHU-17	WATER	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
HC-04	AHU-04	STEAM	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
HC-10	AHU-10	WATER	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
HC-13	AHU-13	STEAM	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
HC-14	AHU-14	STEAM	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
HC-15	AHU-15	STEAM	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
HC-16	AHU-16	STEAM	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
HC-17	AHU-17	STEAM	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-
RHC-DU-01	DU-01	STEAM	14,000	8	8	-	495	0.5	80/67	52/51	628	417	125	44/54	16.0	MCQUAY	SWS	-

FAN SCHEDULE

MARK	TYPE	MAX. WEIGHT [LBS.]	AIR FLOW [CFM]	-	TOTAL E.S.P. [IN./W.C.]	MAX. FAN RPM	MAX. FAN BHP	ELECTRICAL DATA		MANUFACTURER	MODEL	REMARKS
								HP	VOLTS/PHASE			
EF-04-03	CEILING	35	300	-	0.25	1205	143 W	-	1201	COOK	GC-520	-
EF-10-01	DB CENT	50	400	-	0.50	1438	0.14	1/8	1201	COOK	80 ACEB	(1)
EF-10-02	DB CENT	50	525	-	0.40	1550	0.17	1/8	1201	COOK	80 ACEB	(1)
EF-13-01	PLENUM	-	7000	-	7.1	-	-	15	4803	TWIN CITY	-	-
EF-13-02	PLENUM	-	7000	-	7.1	-	-	15	4803	TWIN CITY	-	-
EF-15-01	DB CENT	75	1450	-	0.50	979	0.23	1/4	1201	COOK	150 ACEB	(1)
EF-15-02	DB CENT	100	2250	-	0.50	1022	0.40	1/2	1201	COOK	165 ACEB	(1)
EF-15-03	DB CENT	50	200	-	0.25	1050	74 W	1/25	1201	COOK	90C10DH	(1)
EF-17-01	IN-LINE	100	700	-	1.10	2444	0.42	1/2	1201	COOK	80 SQNB	(2)
EF-17-02	IN-LINE	100	700	-	1.10	2444	0.42	1/2	1201	COOK	80 SQNB	(3)
RF-04A	PLENUM	-	14000	-	2.35	-	-	15	4803	TWIN CITY	-	-
RF-10A	PLENUM	-	7800	-	1.9	-	-	7.5	2083	TWIN CITY	-	-
RF-13A	PLENUM	-	8400	-	1.95	-	-	7.5	4803	TWIN CITY	-	-
RF-14A	PLENUM	-	7000	-	2.30	-	-	7.5	4803	TWIN CITY	-	-
RF-15A	PLENUM	-	14000	-	1.90	-	-	15	4803	TWIN CITY	-	-
RF-16A	PLENUM	-	8000	-	1.85	-	-	5	4803	TWIN CITY	-	-
RF-17A	PLENUM	-	5800	-	2.45	-	-	7.5	4803	TWIN CITY	-	-
SF-04A	PLENUM	-	14000	-	5.9	-	-	25	4803	TWIN CITY	-	-
SF-10A	PLENUM	-	7800	-	5.5	-	-	15	2083	TWIN CITY	-	-
SF-13A	PLENUM	-	8400	-	5.00	-	-	15	4803	TWIN CITY	-	-
SF-14A	PLENUM	-	7000	-	4.60	-	-	15	4803	TWIN CITY	-	-
SF-15A	PLENUM	-	7000	-	7.1	-	-	15	4803	TWIN CITY	-	-
SF-16A	PLENUM	-	8000	-	5.30	-	-	15	4803	TWIN CITY	-	-
SF-17A	PLENUM	-	5800	-	4.60	-	-	7.5	4803	TWIN CITY	-	-

- REMARKS
- PROVIDE WITH BIRDSCREEN, INTEGRAL DISCONNECT, 1/2" CURF COBS, AND ALUMINUM BACKDRIFT DAMPER.
 - PROVIDE WITH INTEGRAL DISCONNECT, AUTOMATIC BACKDRIFT DAMPER, AND MOTORBELT GUARDS.
 - PROVIDE WITH INTEGRAL DISCONNECT, AUTOMATIC BACKDRIFT DAMPER, MOTORBELT GUARDS, AND BIRDSCREEN OVER FAN INLET.

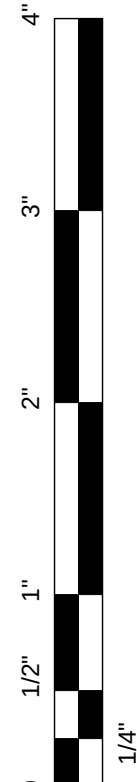
LOUVER SCHEDULE

MARK	SERVICE	AIRFLOW [CFM]	FREE AREA VELOCITY [FPM]	APPROX. SIZE [WxH] [IN.]	MANUFACTURER	COLOR	MODEL	REMARKS
LV-14-01	RELIEF	23,700	1335	222x32	RUSKIN	(2)	ELF375DX	(1)
LV-14-02	INTAKE	30,000	895	276x32	RUSKIN	(2)	ELF375DX	(1)

- REMARKS
- PROVIDE BIRDSCREEN.
 - PRIME FOR FIELD PAINTING.

CONDENSATE RETURN PUMP SCHEDULE

MARK	SYSTEM	FLOW [GPM]	TOTAL HEAD [PSI]	RECEIVER CAPACITY [GAL]	TYPE OF FLUID	RPM	ELECTRICAL DATA		MANUFACTURER	MODEL	REMARKS
							HP	VOLTS/PHASE	CONTROL DEVICE		
CP-B-01	STEAM RETURN	30	15	45	210°F WATER	3500	2/8 1/2	1201	MECHANICAL ALTERNATOR	SKIDMORE	VIS-201-1/2 (1)



PLUMBING, FIRE PROTECTION AND MEDICAL GAS PIPE CONSTRUCTION SCHEDULE

SYSTEM DESCRIPTION	OPERATING TEMPERATURE RANGE (DEG F)	SIZE RANGE	MATERIAL (3)	SYSTEM PRESSURE CLASS (PSI)	CONNECTIONS (4)	FITTINGS	LOCATION (2)	INSULATION (1)	FINISH (1)(3)	REMARKS
DOMESTIC HOT WATER AND HOT WATER RE-CIRCULATING	110-120	0" TO 4"	ASTM B88 TYPE L COPPER	125	955 SOLDER OR PRESSURE SEAL	WROUGHT COPPER OR PRESSURE SEAL	ABOVE CEILING	1.5" PREFORMED FIBERGLASS	ASJ JACKET	-
			EXPOSED - FINISHED SPACE				1.5" PREFORMED FIBERGLASS	PAINT TO MATCH	-	
			EXPOSED - UNFINISHED SPACE				1.5" PREFORMED FIBERGLASS	ASJ JACKET	-	
			EXPOSED WITHIN 10' OF FLOOR				1.5" PREFORMED FIBERGLASS	ALUMINUM JACKET	-	
DOMESTIC COLD WATER SOFT COLD WATER	40-60	0" TO 4"	ASTM B88 TYPE L COPPER	125	955 SOLDER OR PRESSURE SEAL	WROUGHT COPPER OR PRESSURE SEAL	ABOVE CEILING	1" FLEXIBLE ELASTOMERIC	NONE	-
			EXPOSED - FINISHED SPACE				1" FLEXIBLE ELASTOMERIC	PAINT TO MATCH	-	
			EXPOSED - UNFINISHED SPACE				1" FLEXIBLE ELASTOMERIC	NONE	-	
			EXPOSED WITHIN 10' OF FLOOR				1" FLEXIBLE ELASTOMERIC	ALUMINUM JACKET	-	
RO WATER	40-60	ALL	SCHEDULE 80 PVC	125	CRIMPED	FITTINGS FOR PEX TUBING	IN OR BELOW SLAB (BURIED)	1" FLEXIBLE ELASTOMERIC	NONE	-
							(5)	1" FLEXIBLE ELASTOMERIC	NONE	-
							ABOVE CEILING	0.5" FLEXIBLE ELASTOMERIC	NONE	-
							EXPOSED - FINISHED SPACE	0.5" FLEXIBLE ELASTOMERIC	PAINT TO MATCH	-
GRAVITY SOIL AND WASTE AND VENT	AMBIENT	0" TO 2"	COPPER DWV	N/A	955 SOLDER	COPPER DRAINAGE FITTINGS	EXPOSED - FINISHED SPACE	NONE	NONE	-
							EXPOSED - UNFINISHED SPACE	NONE	NONE	-
							EXPOSED WITHIN 10' OF FLOOR	NONE	NONE	-
							ABOVE CEILING	NONE	NONE	-
GRAVITY STORM DRAINAGE	AMBIENT	2-1/2" AND ABOVE	HUBLESS CAST-IRON SOIL PIPE	N/A	SHIELDED COUPLINGS	HUBLESS CAST-IRON SOIL DRAINAGE FITTINGS	EXPOSED - FINISHED SPACE	NONE	NONE	-
							EXPOSED - UNFINISHED SPACE	NONE	NONE	-
							EXPOSED WITHIN 10' OF FLOOR	NONE	NONE	-
							ABOVE CEILING	NONE	NONE	-
FORCED MAIN SOIL AND WASTE	AMBIENT	ALL	ASTM B88 TYPE L COPPER OR SCHEDULE 40 A53 STEEL	125	955 SOLDER OR THREADED	COPPER OR STEEL PRESSURE FITTINGS	BELOW SLAB (BURIED)	NONE	NONE	-
							EXPOSED - FINISHED SPACE	NONE	NONE	-
							EXPOSED - UNFINISHED SPACE	NONE	NONE	-
							EXPOSED WITHIN 10' OF FLOOR	NONE	NONE	-
GRAVITY STORM DRAINAGE	AMBIENT	ALL	HUBLESS CAST-IRON SOIL PIPE	N/A	SHIELDED COUPLINGS	HUBLESS CAST-IRON SOIL DRAINAGE FITTINGS	ABOVE CEILING	1" FLEXIBLE ELASTOMERIC	NONE	-
							EXPOSED - FINISHED SPACE	1" FLEXIBLE ELASTOMERIC	PAINT TO MATCH	-
							EXPOSED - UNFINISHED SPACE	1" FLEXIBLE ELASTOMERIC	NONE	-
							EXPOSED WITHIN 10' OF FLOOR	1" FLEXIBLE ELASTOMERIC	ALUMINUM JACKET	-
FIRE PROTECTION	AMBIENT	4" TO 6"	GALVANIZED STANDARD WEIGHT STEEL PIPE	125	THREADED	CAST -IRON THREADED	BELOW SLAB (BURIED)	NONE	NONE	-
							EXPOSED - FINISHED SPACE	NONE	NONE	-
							EXPOSED - UNFINISHED SPACE	NONE	NONE	-
							EXPOSED WITHIN 10' OF FLOOR	NONE	NONE	-
FIRE PROTECTION	AMBIENT	0" TO 2"	STANDARD WEIGHT BLACK STEEL PIPE	125	THREADED	GRAY -IRON THREADED	ABOVE CEILING	NONE	NONE	-
							EXPOSED - FINISHED SPACE	NONE	PAINT TO MATCH	-
							EXPOSED - UNFINISHED SPACE	NONE	NONE	-
							EXPOSED WITHIN 10' OF FLOOR	NONE	NONE	-
FIRE PROTECTION	AMBIENT	0" TO 1"	CPVC	125	SOLVENT CEMENT	FITTINGS FOR CPVC PIPING	IN OR BELOW SLAB (BURIED)	NONE	NONE	-
							INSIDE MRI SHIELDING	NONE	NONE	-
							ABOVE CEILING	NONE	NONE	-
							EXPOSED - FINISHED SPACE	NONE	PAINT TO MATCH	-
GENERAL SERVICE COMPRESSED AIR	AMBIENT	ALL	ASTM B88 TYPE K COPPER	150	BRAZED	WROUGHT-COPPER	EXPOSED - UNFINISHED SPACE	NONE	NONE	-
							EXPOSED - UNFINISHED SPACE	NONE	NONE	-
							EXPOSED WITHIN 10' OF FLOOR	NONE	NONE	-
							IN OR BELOW SLAB (BURIED)	NONE	NONE	-
MEDICAL COMPRESSED AIR, OXYGEN, CARBON DIOXIDE, NITROUS OXIDE, NITROGEN	AMBIENT	ALL	ASTM B819 TYPE L COPPER CLEANED FOR OXYGEN SERVICE	150	BRAZED	WROUGHT-COPPER, CLEANED, PURGED AND BAGGED FOR OXYGEN SERVICE	ABOVE CEILING	NONE	NONE	-
							EXPOSED - FINISHED SPACE	NONE	NONE	-
							EXPOSED - UNFINISHED SPACE	NONE	NONE	-
							EXPOSED WITHIN 10' OF FLOOR	NONE	NONE	-
MEDICAL VACUUM, WASTE ANESTHESIA GAS DISPOSAL (WAGD)	AMBIENT	ALL	ASTM B819 TYPE L COPPER CLEANED FOR OXYGEN SERVICE	150	BRAZED	WROUGHT-COPPER, CLEANED, PURGED AND BAGGED FOR OXYGEN SERVICE	ABOVE CEILING	NONE	NONE	-
							EXPOSED - FINISHED SPACE	NONE	NONE	-
							EXPOSED - UNFINISHED SPACE	NONE	NONE	-
							EXPOSED WITHIN 10' OF FLOOR	NONE	NONE	-

- REMARKS
- (1) REFER TO PROJECT SPECIFICATIONS FOR REQUIREMENTS.
- (2) FINISHED SPACES INCLUDE BUT ARE NOT LIMITED TO NORMALLY OCCUPIED SPACES, STORAGE ROOMS WITHOUT CEILINGS, LOADING AREAS, ETC.
- (3) UNFINISHED SPACES INCLUDE BUT ARE NOT LIMITED TO SHELL SPACES, UTILITY ROOMS, EQUIPMENT ROOMS, ETC.
- (4) PROVIDE PVC JACKET FOR FITTINGS AND ELBOWS. PROVIDE REMOVABLE JACKETS ON VALVES AND CONTROL DEVICES.
- (5) WHERE MORE THAN ONE TYPE IS LISTED, THE CONTRACTOR HAS THE OPTION OF UTILIZING ONE OR A COMBINATION OF THE TYPES LISTED. USE OF MULTIPLE TYPES WITHIN THE SAME SYSTEM SHALL BE APPROVED BY THE ENGINEER.

FAN COIL UNIT SCHEDULE

MARK	LOCATION	AREA SERVED	WEIGHT [LBS]	SUPPLY AIRFLOW	E.S.P.	MTR HP	COOLING DATA										ELECTRICAL DATA		MANUFACTURER	MODEL	REMARKS
							TOTAL LOAD [BTUH]	SENSIBLE LOAD [BTUH]	EDB	EWB	LDB	LWB	FLOWRATE	EWT	LWT	WFO [FT W.C.]	VOLTAGE	PHASE			
FCU-B-01	BOILER ROOM	BOILER ROOM	300	1850	0.75	3/4	59,300	49,800	80	67	55	54	12	44	54	7.0	208V	3	IEC	HB020	-
FCU-B-02	BOILER ROOM	BOILER ROOM	300	1850	0.75	3/4	59,300	49,800	80	67	55	54	12	44	54	7.0	208V	3	IEC	HB020	-
FCU-Q4-01	POOL PIT	POOL PIT	200	1000	0.25	1/12	37,900	27,700	80	67	55	54	7	44	54	12.0	120V	1	MCQUAY	FCHC112	-



AIR COMPRESSOR SCHEDULE

MARK	TYPE	SCFM	PRESSURE (PSIG)	CONFIGURATION	COMPRESSOR	DRIVE	HP	DIMENSIONS [IN.]			ELECTRICAL(SYSTEM)(S)		TANK GAL.	MANUFACTURER	MODEL	REMARKS
								L	W	H	FLA	VOLTPHASE				
AC-B-01	OIL-FREE	4.2	100	SIMPLEX TANK MOUNTED	RECIPROCATING	BELT	1.5	56	22	43	2.2	480/3	30	POWEREX	OTS0152	(1)(2)(3)

- REMARKS
- (1) TANK MOUNTED COMPRESSOR WITH LINED ASME RECEIVER, AUTOMATIC TANK DRAIN, AND NEMA I CONTROL PANEL WITH MAGNETIC STARTER.
- (2) PROVIDE REFRIGERANT AIR DRYER WITH FILTERSEPARATOR AND AUTOMATIC CONDENSATE DRAIN, 0.01 MICRON AFTER FILTER AND PRESSURE REGULATOR.
- (3) PROVIDE AIR-COOLED AFTER COOLER WITH MOISTURE SEPARATOR AND AUTOMATIC DRAIN VALVE.

HVAC PIPE CONSTRUCTION SCHEDULE

SYSTEM DESCRIPTION	OPERATING TEMPERATURE RANGE (DEG F)	SIZE RANGE	MATERIAL (1)	SYSTEM PRESSURE CLASS (PSI)	CONNECTIONS (4)	FITTINGS	LOCATION (2)	INSULATION (3)	FINISH (1)(3)	REMARKS
HEATING WATER SUPPLY AND RETURN	110-180	0" TO 2"	TYPE L COPPER	125	955 SOLDER OR PRESSURE SEAL	WROUGHT COPPER OR PRESSURE SEAL	ABOVE CEILING	2" PREFORMED FIBERGLASS	ASJ JACKET	-
			EXPOSED - FINISHED SPACE	2" PREFORMED FIBERGLASS			PAINT TO MATCH	-		
		2 1/2" AND ABOVE	TYPE K COPPER	125	THREADED OR FLANGED OR WELDED	CAST IRON	EXPOSED - FINISHED SPACE	2" PREFORMED FIBERGLASS	PAINT TO MATCH	-
			EXPOSED - UNFINISHED SPACE	2" PREFORMED FIBERGLASS			ASJ JACKET	-		
			EXPOSED WITHIN 10' OF FLOOR	2" PREFORMED FIBERGLASS			ALUMINUM JACKET	-		
			IN OR BELOW SLAB (BURIED)	2" PREFORMED FIBERGLASS			ASJ JACKET	-		
CHILLED WATER SUPPLY AND RETURN	45-60	0" TO 2"	TYPE L COPPER	125	955 SOLDER OR PRESSURE SEAL	WROUGHT COPPER OR PRESSURE SEAL	ABOVE CEILING	1" FLEXIBLE ELASTOMERIC	NONE	-
			EXPOSED - FINISHED SPACE	1" FLEXIBLE ELASTOMERIC			PAINT TO MATCH	-		
		2 1/2" AND ABOVE	TYPE K COPPER	125	THREADED OR FLANGED OR WELDED	CAST IRON	EXPOSED - UNFINISHED SPACE	1" FLEXIBLE ELASTOMERIC	NONE	-
			EXPOSED - UNFINISHED SPACE	1" FLEXIBLE ELASTOMERIC			ALUMINUM JACKET	-		
			EXPOSED WITHIN 10' OF FLOOR	1" FLEXIBLE ELASTOMERIC			NONE	-		
			IN OR BELOW SLAB (BURIED)	1" FLEXIBLE ELASTOMERIC			NONE	-		
FUEL OIL SUPPLY AND RETURN	N/A	0" TO 2"	ASTM A53 SCHEDULE 40, TYPE E, GRADE B STEEL PIPE	125	THREADED OR FLANGED OR WELDED	CAST IRON	ABOVE CEILING	NONE	NONE	-
			EXPOSED - UNFINISHED SPACE	NONE			PAINT TO MATCH	-		
		2 1/2" AND ABOVE	ASTM A53 SCHEDULE 40, TYPE E, GRADE B STEEL PIPE	125	THREADED OR FLANGED OR WELDED	CAST IRON	EXPOSED - UNFINISHED SPACE	NONE	NONE	-
			EXPOSED WITHIN 10' OF FLOOR	NONE			ALUMINUM JACKET	-		
			IN OR BELOW SLAB (BURIED)	1" FLEXIBLE ELASTOMERIC			NONE	-		
			ABOVE CEILING	NONE			NONE	-		
STEAM AND RELIEF VENT	0-80 PSIG	0" TO 2"	ASTM A53 SCHEDULE 40, TYPE S, GRADE B STEEL PIPE	125	THREADED	CAST IRON	ABOVE CEILING	4.5" PREFORMED FIBERGLASS	ASJ JACKET	-
			EXPOSED - FINISHED SPACE	4.5" PREFORMED FIBERGLASS			PAINT TO MATCH	-		
		2 1/2" AND ABOVE	ASTM A53 SCHEDULE 40, TYPE E, GRADE B STEEL PIPE	150	WELDED OR FLANGED	WROUGHT STEEL	EXPOSED - UNFINISHED SPACE	4.5" PREFORMED FIBERGLASS	ASJ JACKET	-
			EXPOSED - UNFINISHED SPACE	4.5" PREFORMED FIBERGLASS			ALUMINUM JACKET	-		
			EXPOSED WITHIN 10' OF FLOOR	4.5" PREFORMED FIBERGLASS			ASJ JACKET	-		
			IN OR BELOW SLAB (BURIED)	4.5" PREFORMED FIBERGLASS			ASJ JACKET	-		
CONDENSATE	0-80 PSIG	0" TO 2"	ASTM A53 SCHEDULE 80, TYPE S, GRADE B STEEL PIPE	125	THREADED	CAST IRON	ABOVE CEILING	2.5" PREFORMED FIBERGLASS	PAINT TO MATCH	-
			EXPOSED - UNFINISHED SPACE	2.5" PREFORMED FIBERGLASS			ASJ JACKET	-		
		2 1/2" AND ABOVE	ASTM A53 SCHEDULE 80, TYPE E, GRADE B STEEL PIPE	150	WELDED OR FLANGED	WROUGHT STEEL	EXPOSED - UNFINISHED SPACE	3" PREFORMED FIBERGLASS	PAINT TO MATCH	-
			EXPOSED - UNFINISHED SPACE	3" PREFORMED FIBERGLASS			ASJ JACKET	-		
			EXPOSED WITHIN 10' OF FLOOR	3" PREFORMED FIBERGLASS			ALUMINUM JACKET	-		
			IN OR BELOW SLAB (BURIED)	3" PREFORMED FIBERGLASS			ASJ JACKET	-		
CONDENSATE DRAIN	45-60	ALL	TYPE L COPPER	125	955 SOLDER OR PRESSURE SEAL	WROUGHT COPPER OR PRESSURE SEAL	ABOVE CEILING	1" FLEXIBLE ELASTOMERIC	NONE	-
			EXPOSED - FINISHED SPACE	1" FLEXIBLE ELASTOMERIC			PAINT TO MATCH	-		
		2 1/2" AND ABOVE	TYPE L COPPER	125	955 SOLDER OR PRESSURE SEAL	WROUGHT COPPER OR PRESSURE SEAL	EXPOSED - UNFINISHED SPACE	1" FLEXIBLE ELASTOMERIC	NONE	-
			EXPOSED - UNFINISHED SPACE	1" FLEXIBLE ELASTOMERIC			NONE	-		
			EXPOSED WITHIN 10' OF FLOOR	1" FLEXIBLE ELASTOMERIC			NONE	-		
			IN OR BELOW SLAB (BURIED)	1" FLEXIBLE ELASTOMERIC			NONE	-		
NATURAL GAS	NA	ALL	ASTM A53 SCHEDULE 40, TYPE E, GRADE B STEEL PIPE	125	THREADED OR WELDED	MALLEABLE IRON THREADED OR WROUGHT STEEL WELDING	ABOVE CEILING	NONE	NONE	-
			EXPOSED - FINISHED SPACE	NONE			PAINT TO MATCH	-		
		2 1/2" AND ABOVE	ASTM A53 SCHEDULE 40, TYPE E, GRADE B STEEL PIPE	125	THREADED OR WELDED	MALLEABLE IRON THREADED OR WROUGHT STEEL WELDING	EXPOSED - UNFINISHED SPACE	NONE	NONE	-
			EXPOSED - UNFINISHED SPACE	NONE			NONE	-		
			EXPOSED WITHIN 10' OF FLOOR	NONE			NONE	-		
			IN OR BELOW SLAB (BURIED)	CONTAINMENT PIPING (5)			NONE	-		

- REMARKS
- (1) REFER TO PROJECT SPECIFICATIONS FOR REQUIREMENTS.
- (2) FINISHED SPACES INCLUDE BUT ARE NOT LIMITED TO NORMALLY OCCUPIED SPACES, STORAGE ROOMS WITHOUT CEILINGS, LOADING AREAS, ETC.
- (3) UNFINISHED SPACES INCLUDE BUT ARE NOT LIMITED TO SHELL SPACES, UTILITY ROOMS, EQUIPMENT ROOMS, ETC.
- (4) PROVIDE PVC JACKET FOR FITTINGS AND ELBOWS. PROVIDE REMOVABLE JACKETS ON VALVES AND CONTROL DEVICES.
- (5) WHERE MORE THAN ONE TYPE IS LISTED, THE CONTRACTOR HAS THE OPTION OF UTILIZING ONE OR A COMBINATION OF THE TYPES LISTED. USE OF MULTIPLE TYPES WITHIN THE SAME SYSTEM SHALL BE APPROVED BY THE ENGINEER.
- PRESSURE SEAL SYSTEM BASED ON VEGA PROGRESS. OTHER SYSTEMS WILL BE CONSIDERED THROUGH THE APPROVAL PROCESS.
- GROOVED MECHANICAL JOINT SYSTEM BASED ON VICTAULIC AGS. OTHER SYSTEMS WILL BE CONSIDERED THROUGH THE APPROVAL PROCESS.
- CONTAINMENT CONDUIT: STEEL PIPE WITH WROUGHT-STEEL FITTINGS AND WELDED JOINTS. COAT PIPE AND FITTINGS WITH PROTECTIVE COATING FOR STEEL PIPING.
- CONTAINMENT CONDUIT VENT PIPING: STEEL PIPE WITH MALLEABLE IRON FITTINGS AND THREADED OR WROUGHT-STEEL FITTINGS WITH WELDED JOINTS. COAT UNDERGROUND PIPE AND FITTINGS WITH PROTECTIVE COATING FOR STEEL PIPING.

HOOD SCHEDULE

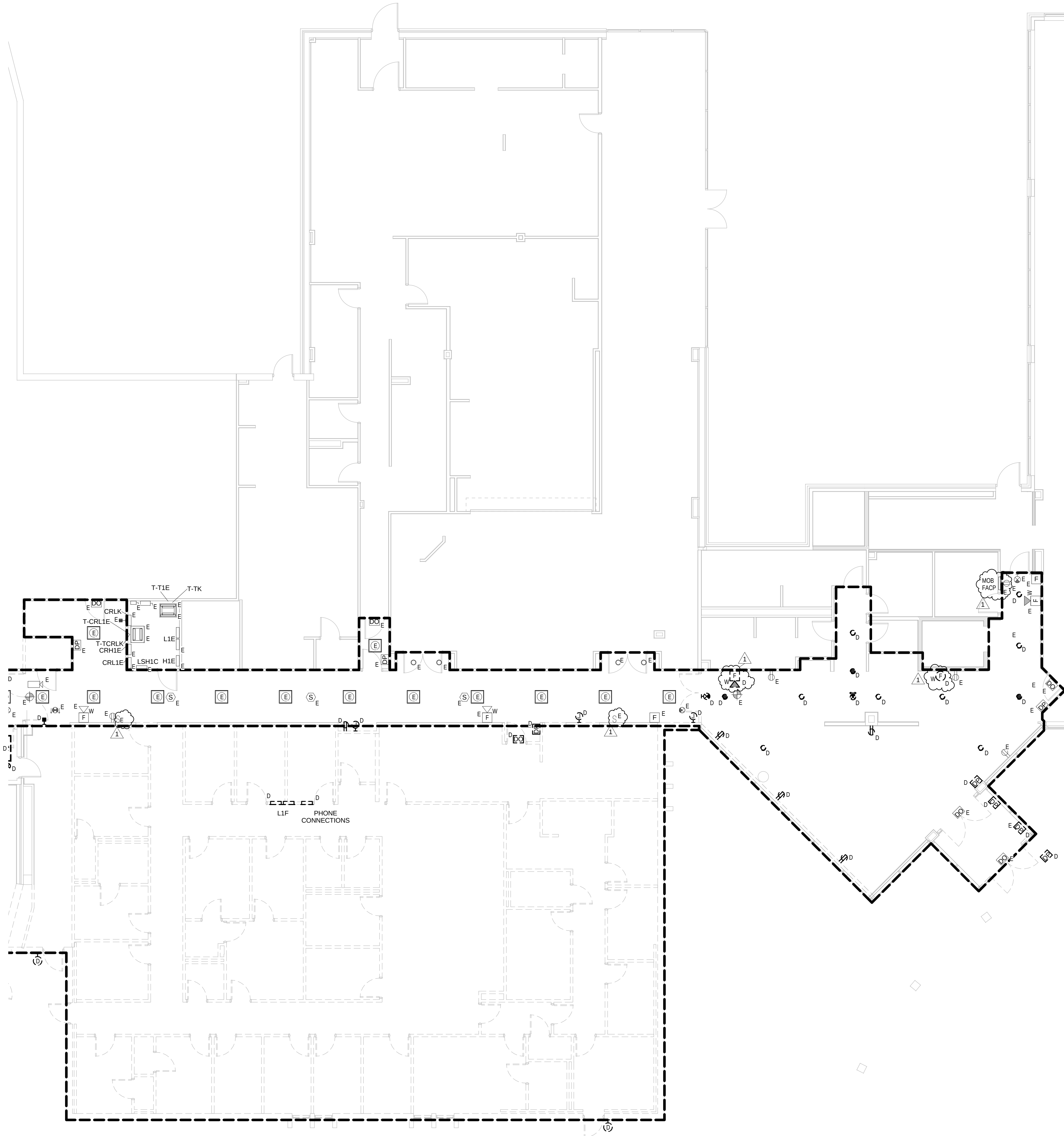
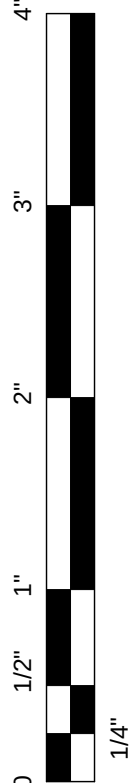
MARK	SERVES	LOCATION	TYPE	MAX WEIGHT [LBS]	AIRFLOW [CFM]	VELOCITY [FPM]	PD [IN WC]	HOOD SIZE [IN X IN]	THROAT SIZE [IN X IN]	MANUFACTURER	MODEL	REMARKS
RH-17-01	AHU-17 AND AHU-18 (E) RELIEF AIR	ROOF	EXHAUST	650	12,000	1000	0.13	59 X 60	42 X 42	COOK	GR	(1)
RH-17-02	EF-17-01	ROOF	EXHAUST	75	700	850	0.13	28" DIA	12" DIA	COOK	PR12	(2)

- REMARKS
- (1) PROVIDE WITH 13" ROOF CURB, BIRD SCREEN, AND MOTORIZED BACKDRAFT DAMPER WIRED TO BOTH AHU-17 AND AHU-18 (E) OPERATION.
- (2) PROVIDE WITH 13" ROOF CURB, BIRD SCREEN, AND MOTORIZED BACK DRAFT DAMPER WIRED TO EF-17-01 OPERATION.

SOUND ATTENUATOR SCHEDULE

MARK	SERVES	MAX. SIZE (WALL) [IN.]	AIR FLOW [CFM]	MAX. AIR P.D. [IN. W.C.]	D.B. REDUCTION AT 3RD OCTAVE BAND	MANUFACTURER	MODEL	REMARKS
SA-Q4-1S	AHU-Q4	46X18X94	14,000	0.42	10	PRICE	PRM 849B	-
SA-Q4-1R	AHU-Q4	54X20X94	14,000	0.27	17	PRICE	PRM 849C	-
SA-10-1S	AHU-10	48X20X108	7,800	0.16	13	PRICE	PRM 1086C	-
SA-10-1R	AHU-10	56X20X108	7,800	0.09	14	PRICE	PRM 1088C	-
SA-13-1S	AHU-13	46X20X108	8,400	0.27	17	PRICE	PRM 1086D	-
SA-13-1R	AHU-13	54X24X96	8,400	0.08	13	PRICE	PRM 968C	-
SA-14-1S	AHU-14	30X30X48	7,000	0.09	11	PRICE	PRM 439D	-
SA-14-1R	AHU-14	50X24X72	7,000	0.06	12	PRICE	PRM 727C	-
SA-15-1S	AHU-15	76X18X108	14,000	0.28	14	PRICE	PRM 1084C	-
SA-15-1R	AHU-15	56X20X108	12,050	0.20	17	PRICE	PRM 1088C	-
SA-15-2R	AHU-15	20X14X84	1,950	0.15	15	PRICE	PRM 844D	-
SA-16-1S	AHU-16	40X20X84	8,000	0.31	15	PRICE	PRM 844D	-
SA-16-1R	AHU-16	44X24X84	8,000	0.17	16	PRICE	PRM 845D	-
SA-17-1S	AHU-17	38X18X108	5,800	0.24	16	PRICE	PRM 1084D	-
SA-17-1R	AHU-17	56X18X108	5,800	0.06	13	PRICE	PRM 1088C	-

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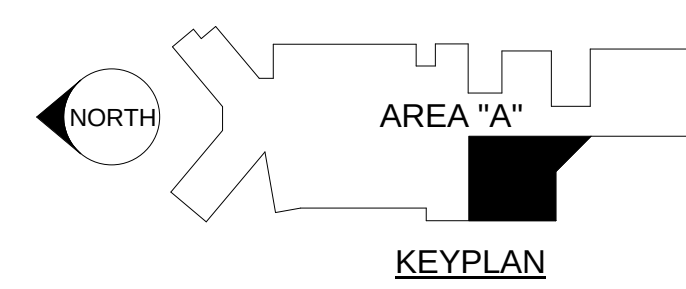
1 FLOOR PLAN LEVEL 1 - ELECTRICAL DEMOLITION AREA "A"
E0-1 1/8" = 1'-0"

DEMOLITION SHEET NOTES

- (DEMOLITION SHEET NOTES APPLY TO ALL DEMOLITION SHEETS)
- 1 LIMITS OF SELECTIVE DEMOLITION. THE INTENT OF THE WORK SHOWN WITHIN THESE LIMITS IS TO DEFINE THE SCOPE OF ELECTRICAL DEMOLITION WORK. PROVIDE DEMOLITION FOR ITEMS AS SHOWN. REFER TO GENERAL DEMOLITION NOTES.
 - 2 LIMITS OF GENERAL DEMOLITION. THE INTENT OF THE WORK SHOWN WITHIN THESE LIMITS IS TO DEFINE THE SCOPE OF ELECTRICAL DEMOLITION WORK. PROVIDE DEMOLITION FOR ALL EXISTING ELECTRICAL SYSTEMS WITHIN LIMITS OF GENERAL DEMOLITION AND NOT SERVING ADJACENT AREAS. UNLESS OTHERWISE INDICATED, REFER TO GENERAL DEMOLITION NOTES.
 - 3 EXISTING TELECOM ROOM AND FIBER OPTIC CHASE. PROTECT EXISTING BACKBONE CABLING THROUGHOUT DEMOLITION AND CONSTRUCTION. COORDINATE REMOVAL OF EXISTING EQUIPMENT WITH OWNER PRIOR TO DEMOLITION OF THIS AREA.
 - 4 EXISTING LOW VOLTAGE EQUIPMENT. PROTECT EXISTING OWNER LOW VOLTAGE EQUIPMENT UNTIL RELOCATED TO NEW LOCATION. COORDINATE EXTENTS OF DEMOLITION OF SYSTEM WITH OWNER. COORDINATE REMOVAL OF EXISTING EQUIPMENT WITH OWNER PRIOR TO DEMOLITION OF THIS AREA.
 - 5 EXISTING ELEVATOR. PROVIDE COMPLETE DEMOLITION OF ALL ELEVATOR COMPONENTS INCLUDING BUT NOT LIMITED TO: FIRE ALARM DEVICES AND CONNECTIONS, ELECTRICAL PANELS, DISCONNECTS, CONDUITS, CONDUCTORS, FUSED SWITCHES, ETC. COORDINATE REMOVAL OF EXISTING EQUIPMENT WITH OWNER PRIOR TO DEMOLITION OF THIS AREA. OWNER SHALL HAVE FIRST SALVAGE RIGHTS.
 - 6 EXISTING NOTIFIER AFP-400. REPLACE EXISTING FIRE ALARM CONTROL PANEL WITH NEW. COORDINATE INTERRUPTION WITH OWNER. DO NOT INTERRUPT SERVICE WITHOUT OWNERS PRIOR WRITTEN APPROVAL. LIMIT DURATION OF INTERRUPTION ONLY TO THE TIME NECESSARY FOR DISCONNECTION AND IMMEDIATE RECONNECTION. INTERRUPTION TO SERVICE WILL REQUIRE PREMIUM TIME AND SHALL BE INCLUDED WITH THE BID. ENTIRE FIRE ALARM SYSTEM SHALL COMPLY WITH APPLICABLE CODES. PROVIDE ALL NECESSARY UPGRADES IN COVERAGE AND FUNCTIONALITY IN REMAINDER OF HOSPITAL.
 - 7 DEMOLISH EXISTING WALL MOUNTED STAIRWELL LIGHT FIXTURE AND CONDUCTORS. RETAIN EXISTING BACKBOX AND CONDUIT AND REUSE AS AVAILABLE FOR NEW LIGHT FIXTURE IN SAME LOCATION. DEMOLISH ADDITIONAL LIGHT FIXTURE ON BASEMENT LANDING, NOT SHOWN.

ELECTRICAL DEMOLITION GENERAL NOTES

- (ELECTRICAL DEMOLITION NOTES APPLY TO ALL ELECTRICAL DEMOLITION PLANS AND ALL ELECTRICAL DEMOLITION WORK)
- A THE INTENT OF THE DEMOLITION DRAWINGS IS TO DEFINE THE SCOPE OF ELECTRICAL DEMOLITION WORK. EXISTING ELECTRICAL SYSTEMS (DEVICES, FIXTURES, EQUIPMENT, WIRING, AND RACEWAYS INCLUDING DATA/COMMUNICATION SYSTEMS) WITHIN LIMITS OF DEMOLITION AND NOT SERVING ADJACENT AREAS, SHALL BE REMOVED UNLESS OTHERWISE INDICATED. RE-SUPPORT EXISTING CONDUITS AND CABLES THAT MUST REMAIN.
 - B ITEMS INDICATED WITH A SUBSCRIPT 'E' SHALL BE EXISTING TO REMAIN (E-EXISTING). ITEMS INDICATED WITH A SUBSCRIPT 'D' OR SHOWN HATCHED SHALL BE REMOVED (D-DEMOLITION). ITEMS INDICATED WITH A SUBSCRIPT 'R' SHALL BE REMOVED, STORED, AND RE-INSTALLED PER NEW WORK (R-RELOCATION).
 - C THESE DRAWINGS DO NOT IDENTIFY EACH INDIVIDUAL ITEM TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ITEMS WHICH MUST BE REMOVED TO FACILITATE NEW CONSTRUCTION. SEE ARCHITECTURAL PLANS FOR EXACT LIMITS OF DEMOLITION AND CONSTRUCTION. THESE PLANS ARE BASED ON PAST PROJECT DRAWINGS AND SITE OBSERVATIONS. THE DRAWINGS ARE PROVIDED TO THE CONTRACTOR AS AN AID IN DETERMINING THE EXTENT OF WORK REQUIRED FOR DEMOLITION AND TO PROVIDE GENERAL INFORMATION ABOUT EXISTING SYSTEMS. THESE DRAWINGS MAY NOT BE ACCURATE IN ALL AREAS. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS AND IS ENCOURAGED TO REVIEW FACILITY DRAWINGS PRIOR TO THE BID DATE.
 - D THE OWNER SHALL HAVE FIRST SALVAGE RIGHTS TO ALL ITEMS REMOVED. IF OWNER REFUSES SALVAGE, CONTRACTOR IS RESPONSIBLE FOR DISPOSAL.
 - E WHERE EXISTING WALLS ARE TO BE REMOVED, ALL ASSOCIATED ELECTRICAL EQUIPMENT SHALL BE REMOVED. DISCONNECT POWER SO THAT DEVICES AND EQUIPMENT MAY BE REMOVED WITH WALLS. SEE ARCHITECTURAL DRAWINGS FOR WALLS TO BE REMOVED. ABANDON CONCEALED CONDUITS WHERE WALLS ARE NOT REMOVED. CONCEALED CONDUITS MAY BE REUSED WHERE AVAILABLE. WHERE EXISTING CIRCUITING/CABLING IS TO BE DEMOLISHED AND NOT REUSED, REMOVE CONDUCTORS AND ASSOCIATED ACCESSIBLE RACEWAYS/CONDUIT BACK TO THE SOURCE. WHERE EXISTING ELECTRICAL CONDUITS SERVING CIRCUITS TO BE DEMOLISHED ARE EMBEDDED IN CONCRETE FLOORS OR WALLS, CONDUITS MAY BE ABANDONED IN PLACE. EXISTING CONDUCTORS SHALL BE REMOVED BACK TO SOURCE AND CONDUITS SHALL BE CUT AT SURFACE OF CONCRETE AND FILLED. EXISTING BACK BOXES AND CONDUITS REMAINING FROM DEVICES BEING REMOVED MAY BE UTILIZED FOR NEW DEVICES WHERE LOCATIONS PERMIT. REMOVE AND PATCH WHERE BOXES ARE NOT REUSED.
 - F SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELECTRICAL DEMOLITION ITEMS. DISCONNECT AND REMOVE ELECTRICAL DEVICES, EQUIPMENT AND ASSOCIATED WIRING AS REQUIRED TO ACCOMMODATE NEW WORK. IF THE CONTRACTOR IS UNCLEAR REGARDING A SPECIFIC ITEM TO REMAIN OR BE REMOVED, THE CONTRACTOR SHALL SEEK CLARIFICATION FROM THE ARCHITECT.
 - G SYSTEMS SERVING ADJACENT AREAS AND ITEMS THAT REMAIN SHALL BE MAINTAINED AT ALL TIMES. MODIFY SYSTEMS AS REQUIRED THROUGHOUT CONSTRUCTION TO MAINTAIN CONTINUITY OF SERVICE. DO NOT INTERRUPT SERVICE WITHOUT OWNERS PRIOR WRITTEN APPROVAL. LIMIT DURATION OF INTERRUPTION ONLY TO THE TIME NECESSARY FOR DISCONNECTION AND IMMEDIATE RECONNECTION. INTERRUPTION TO SERVICE DEEMED BY OWNER AS ESSENTIAL MAY REQUIRE PREMIUM TIME AND SHALL BE INCLUDED WITH THE BID. EXTREME CARE SHALL BE TAKEN BY THE CONTRACTOR TO IDENTIFY EXISTING SYSTEM COMPONENTS ASSOCIATED WITH THESE SERVICES. APPROPRIATE METHODS OF MARKING THESE SHALL OCCUR TO ELIMINATE THE POSSIBILITY OF ACCIDENTAL INTERRUPTION.
 - H COORDINATE DEMOLITION WITH THE WORK OF OTHER TRADES. PROVIDE TEMPORARY POWER AND LIGHTING AS REQUIRED TO ALLOW THE WORK OF OTHER TRADES TO PROCEED.
 - I PROTECT EXISTING ELECTRICAL EQUIPMENT THAT REMAINS. IF DAMAGED OR DISTURBED IN THE COURSE OF THE WORK, REMOVE DAMAGED PORTIONS AND INSTALL NEW PRODUCTS OF EQUAL CAPACITY, QUALITY, AND FUNCTIONALITY.
 - J PATCH AND REPAIR OPENINGS IN EXISTING WALLS AND FLOORS RESULTANT FROM SPECIFIED ELECTRICAL DEMOLITION. PATCH SHALL MATCH EXISTING CONSTRUCTION, FIRE RATING, AND FINISH.
 - K THIS PROJECT WILL BE PHASED. COORDINATE DETAILS WITH GENERAL CONTRACTOR. SYSTEM SERVICES TO AREAS NOT IN THE CURRENT PHASE OF CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES.



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DO NOT SCALE DRAWING. ALL DIMENSIONS AND CLEARANCES SHALL BE VERIFIED FROM APPROPRIATE SOURCES. ALL WORK SHALL BE COORDINATED PRIOR TO INSTALLATION. SEE SPECIFICATIONS.

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TD2
engineering & surveying

Client:

Client:

**YORK GENERAL
HEALTH CARE
SERVICES**

Project Title:

**HOSPITAL
ADDITION AND
REMODEL**

Rev	Date	Description
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Drawn By:	Project Manager:
MJF	MJF

Project Number:
24902

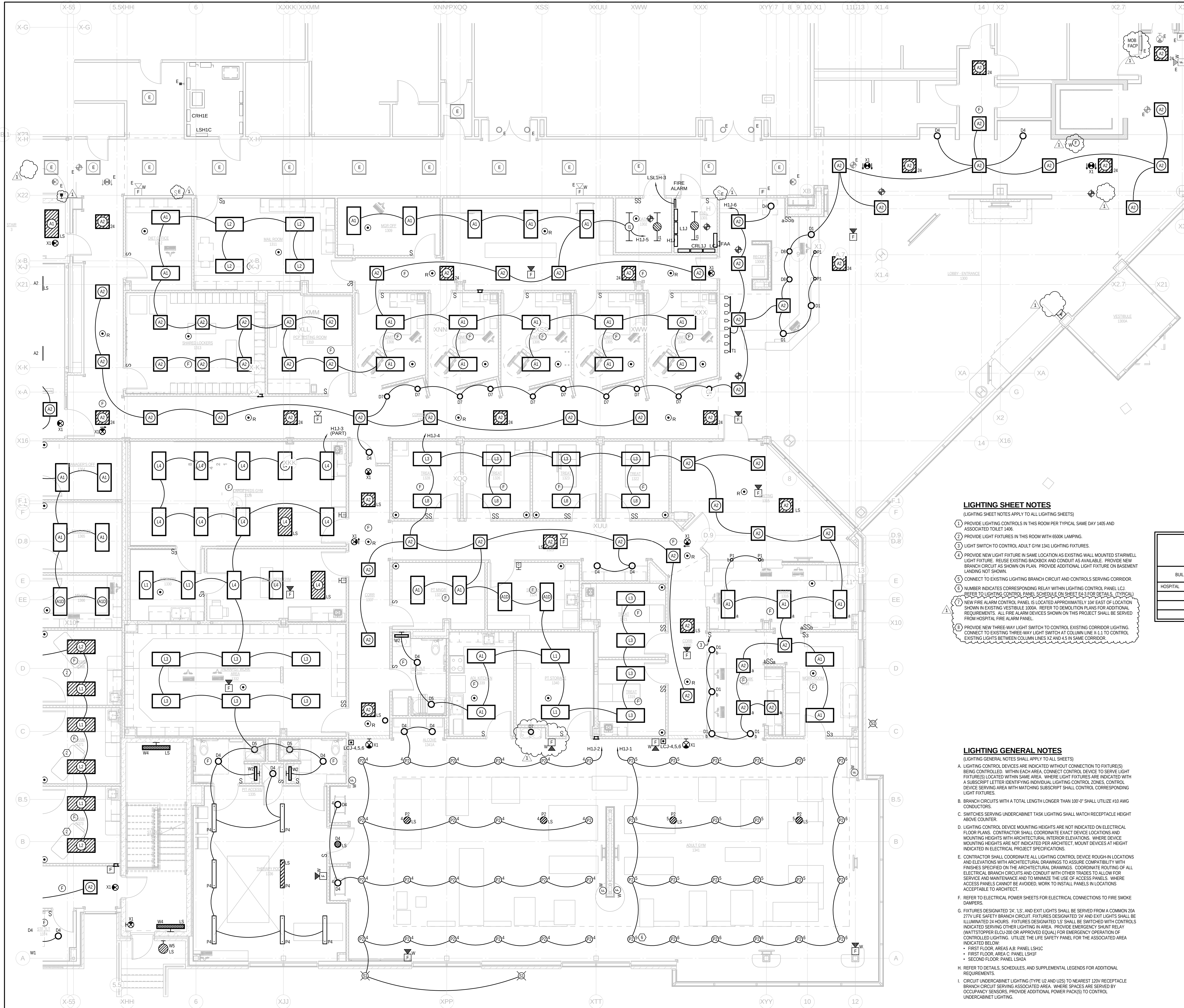
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Sheet Title:
**FLOOR PLAN -
ELECTRICAL
DEMOLITION -
AREA "A"**

Sheet Number:
E0-1

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1 FLOOR PLAN LEVEL 1 - LIGHTING - AREA "A"
3/16" = 1'-0"

- LIGHTING SHEET NOTES**
(LIGHTING SHEET NOTES APPLY TO ALL LIGHTING SHEETS)
- 1 PROVIDE LIGHTING CONTROLS IN THIS ROOM PER TYPICAL SAME DAY 1405 AND ASSOCIATED TOILET 1406.
 - 2 PROVIDE LIGHT FIXTURES IN THIS ROOM WITH 6500K LAMPING.
 - 3 LIGHT SWITCH TO CONTROL ADULT GYM 1341 LIGHTING FIXTURES.
 - 4 PROVIDE NEW LIGHT FIXTURE IN SAME LOCATION AS EXISTING WALL MOUNTED STAIRWELL LIGHT FIXTURE. REUSE EXISTING BACKBOX AND CONDUIT AS AVAILABLE. PROVIDE NEW BRANCH CIRCUIT AS SHOWN ON PLAN. PROVIDE ADDITIONAL LIGHT FIXTURE ON BASEMENT LANDING NOT SHOWN.
 - 5 CONNECT TO EXISTING LIGHTING BRANCH CIRCUIT AND CONTROLS SERVING CORRIDOR.
 - 6 NUMBER INDICATES CORRESPONDING RELAY WITHIN LIGHTING CONTROL PANEL (LCI). REFER TO LIGHTING CONTROL PANEL SCHEDULES ON SHEET 54.3 FOR DETAILS. (1) NEW FIRE ALARM CONTROL PANEL IS LOCATED APPROXIMATELY 10M EAST OF LOCATION SHOWN IN EXISTING VESTIBULE 1000A. REFER TO DEMOLITION PLANS FOR ADDITIONAL REQUIREMENTS. ALL FIRE ALARM DEVICES SHOWN ON THIS PROJECT SHALL BE SERVED FROM HOSPITAL FIRE ALARM PANEL.
 - 7 PROVIDE NEW THREE-WAY LIGHT SWITCH TO CONTROL EXISTING CORRIDOR LIGHTING. CONNECT TO EXISTING THREE-WAY LIGHT SWITCH AT COLUMN LINE X-1.1 TO CONTROL EXISTING LIGHTS BETWEEN COLUMN LINES X-2 AND 4.5 IN SAME CORRIDOR.

ENERGY CODE SUMMARY			
BUILDING AREA METHOD			
ASHRAE 90.1 (2007) OR IECC (2009)			
BUILDING AREA TYPE	AREA (SQ. FT.)	ALLOWED LPD (WATT/SQ. FT.)	ALLOWED POWER (WATTS)
HOSPITAL	42,700	1.2	51,240
TOTAL ALLOWED	42,700	1.2	51,240
TOTAL ACTUAL	42,700	0.96	41,064

- LIGHTING GENERAL NOTES**
(LIGHTING GENERAL NOTES SHALL APPLY TO ALL SHEETS)
- A. LIGHTING CONTROL DEVICES ARE INDICATED WITHOUT CONNECTION TO FIXTURE(S) BEING CONTROLLED. WITHIN EACH AREA, CONNECT CONTROL DEVICE TO SERVE LIGHT FIXTURE(S) LOCATED WITHIN SAME AREA. WHERE LIGHT FIXTURES ARE INDICATED WITH A SUBSCRIPT LETTER IDENTIFYING INDIVIDUAL LIGHTING CONTROL ZONES, CONTROL DEVICE SERVING AREA WITH MATCHING SUBSCRIPT SHALL CONTROL CORRESPONDING LIGHT FIXTURES.
- B. BRANCH CIRCUITS WITH A TOTAL LENGTH LONGER THAN 100'-0" SHALL UTILIZE #10 AWG CONDUCTORS.
- C. SWITCHES SERVING UNDERCABINET TASK LIGHTING SHALL MATCH RECEPTACLE HEIGHT ABOVE COUNTER.
- D. LIGHTING CONTROL DEVICE MOUNTING HEIGHTS ARE NOT INDICATED ON ELECTRICAL FLOOR PLANS. CONTRACTOR SHALL COORDINATE EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL, INTERIOR ELEVATIONS. WHERE DEVICE MOUNTING HEIGHTS ARE NOT INDICATED PER ARCHITECT, MOUNT DEVICES AT HEIGHT INDICATED IN ELECTRICAL PROJECT SPECIFICATIONS.
- E. CONTRACTOR SHALL COORDINATE ALL LIGHTING CONTROL DEVICE MOUNTING LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS TO ASSURE COMPATIBILITY WITH FINISHES SPECIFIED ON THE ARCHITECTURAL DRAWINGS. COORDINATE ROUTING OF ALL ELECTRICAL BRANCH CIRCUITS AND CONDUIT WITH OTHER TRADES TO ALLOW FOR SERVICE AND MAINTENANCE AND TO MINIMIZE THE USE OF ACCESS PANELS. WHERE ACCESS PANELS CANNOT BE AVOIDED, WORK TO INSTALL PANELS IN LOCATIONS ACCEPTABLE TO ARCHITECT.
- F. REFER TO ELECTRICAL POWER SHEETS FOR ELECTRICAL CONNECTIONS TO FIRE SMOKE DAMPERS.
- G. FIXTURES DESIGNATED 24" LS, AND EXIT LIGHTS SHALL BE SERVED FROM A COMMON 20A 277V LIFE SAFETY BRANCH CIRCUIT. FIXTURES DESIGNATED 24" AND EXIT LIGHTS SHALL BE ILLUMINATED 24 HOURS. FIXTURES DESIGNATED 1'S SHALL BE SWITCHED WITH CONTROLS INDICATED SERVING OTHER LIGHTING IN AREA. PROVIDE EMERGENCY SHUNT RELAY (WATTSTOPPER ELCU-200 OR APPROVED EQUAL) FOR EMERGENCY OPERATION OF CONTROLLED LIGHTING. UTILIZE THE LIFE SAFETY PANEL FOR THE ASSOCIATED AREA INDICATED BELOW.
- FIRST FLOOR, AREAS A-B: PANEL LSH1C
 - FIRST FLOOR, AREA C: PANEL LSH1F
 - SECOND FLOOR: PANEL LSH1A
- H. REFER TO DETAILS, SCHEDULES, AND SUPPLEMENTAL LEGENDS FOR ADDITIONAL REQUIREMENTS.
- I. CIRCUIT UNDERCABINET LIGHTING (TYPE UZ AND U2S) TO NEAREST 120V RECEPTACLE BRANCH CIRCUIT SERVING ASSOCIATED AREA. WHERE SPACES ARE SERVED BY OCCUPANCY SENSORS, PROVIDE ADDITIONAL POWER PACK(S) TO CONTROL UNDERCABINET LIGHTING.

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE. CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

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Client:

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Construction

Client:

YORK GENERAL HEALTH CARE SERVICES

Project Title:

HOSPITAL ADDITION AND REMODEL

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Drawn By:
MJF

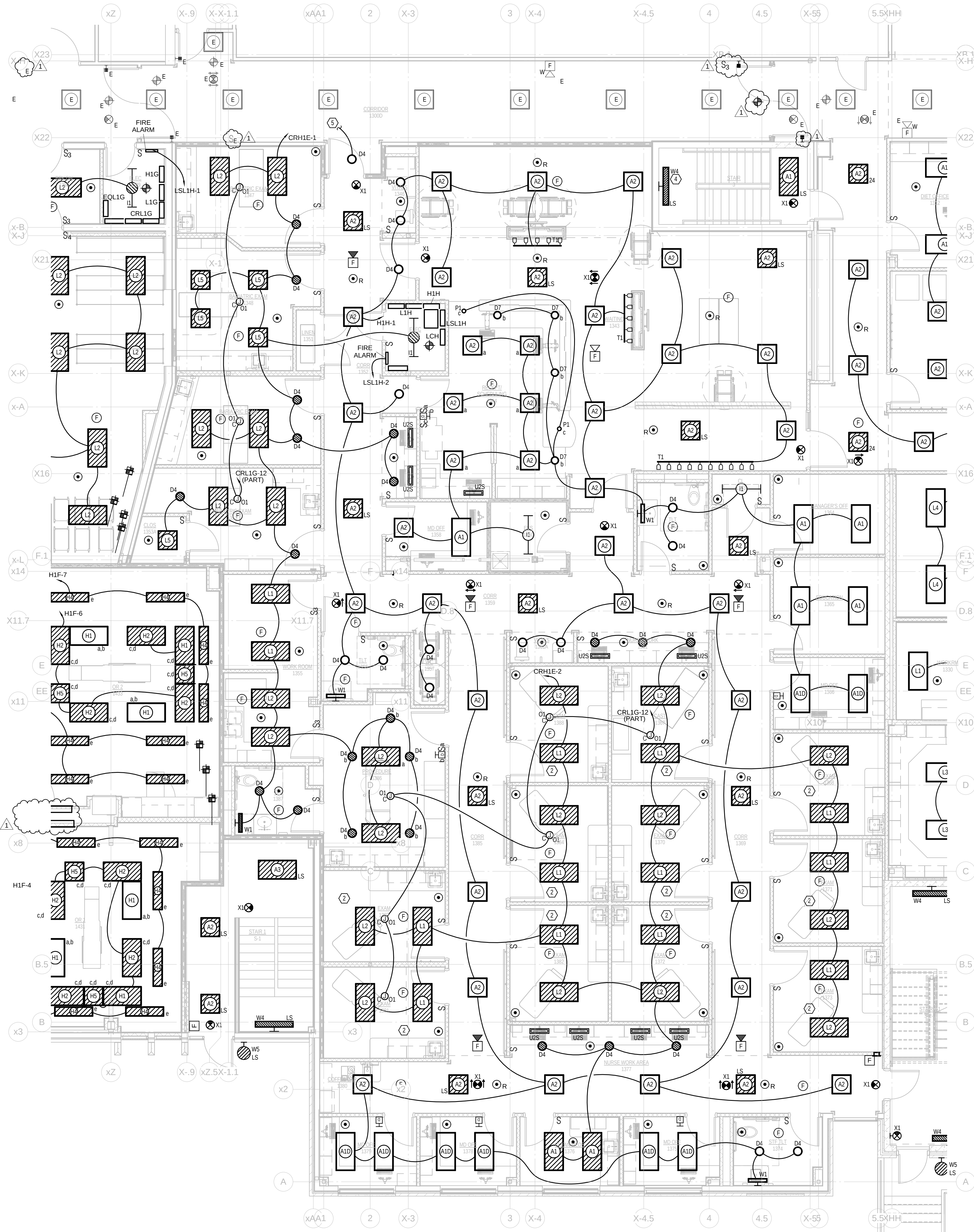
Project Manager:
MJF

Project Number:
24902

Date:
01/28/2014

Sheet Title:
FLOOR PLAN - LIGHTING - AREA "A"

Sheet Number:
E1-1



1 FLOOR PLAN LEVEL 1 - LIGHTING - AREA "B"
E1-2 3/16" = 1'-0"

INSTALL GREEN INSULATED
GROUND WIRE WITH
LIGHTING, RECEPTACLE AND
EQUIPMENT BRANCH CIRCUITS.

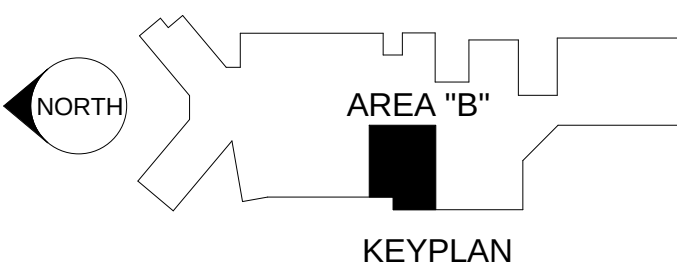
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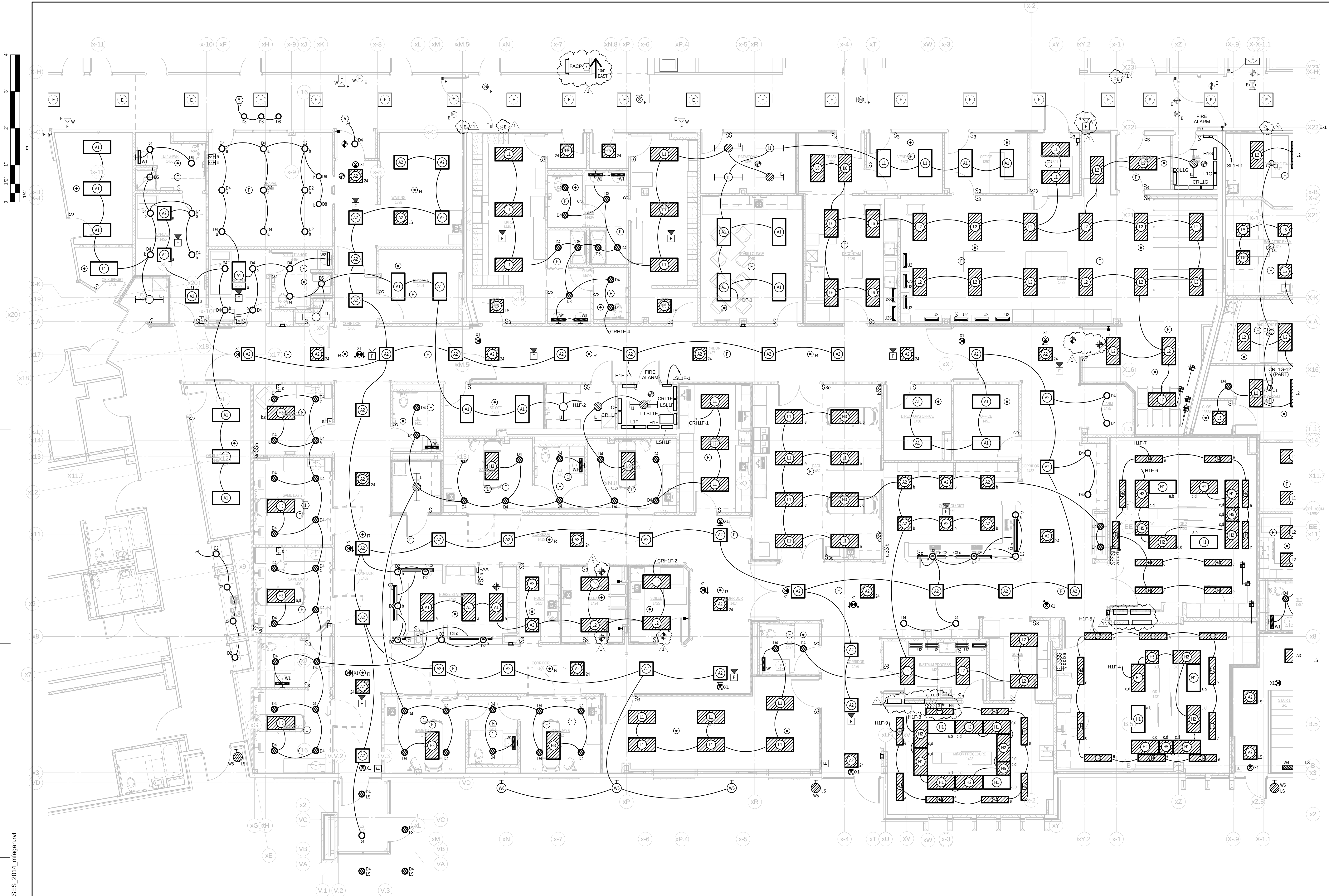
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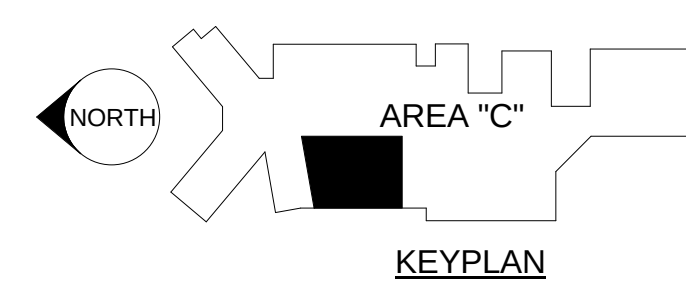
Sheet Title:
**FLOOR PLAN -
LIGHTING -
AREA "B"**

Sheet Number:
E1-2

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1 FLOOR PLAN LEVEL 1 - LIGHTING - AREA "C"
E1-3 3/16" = 1'-0"



INSTALL GREEN INSULATED
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LIGHTING, RECEPTACLE AND
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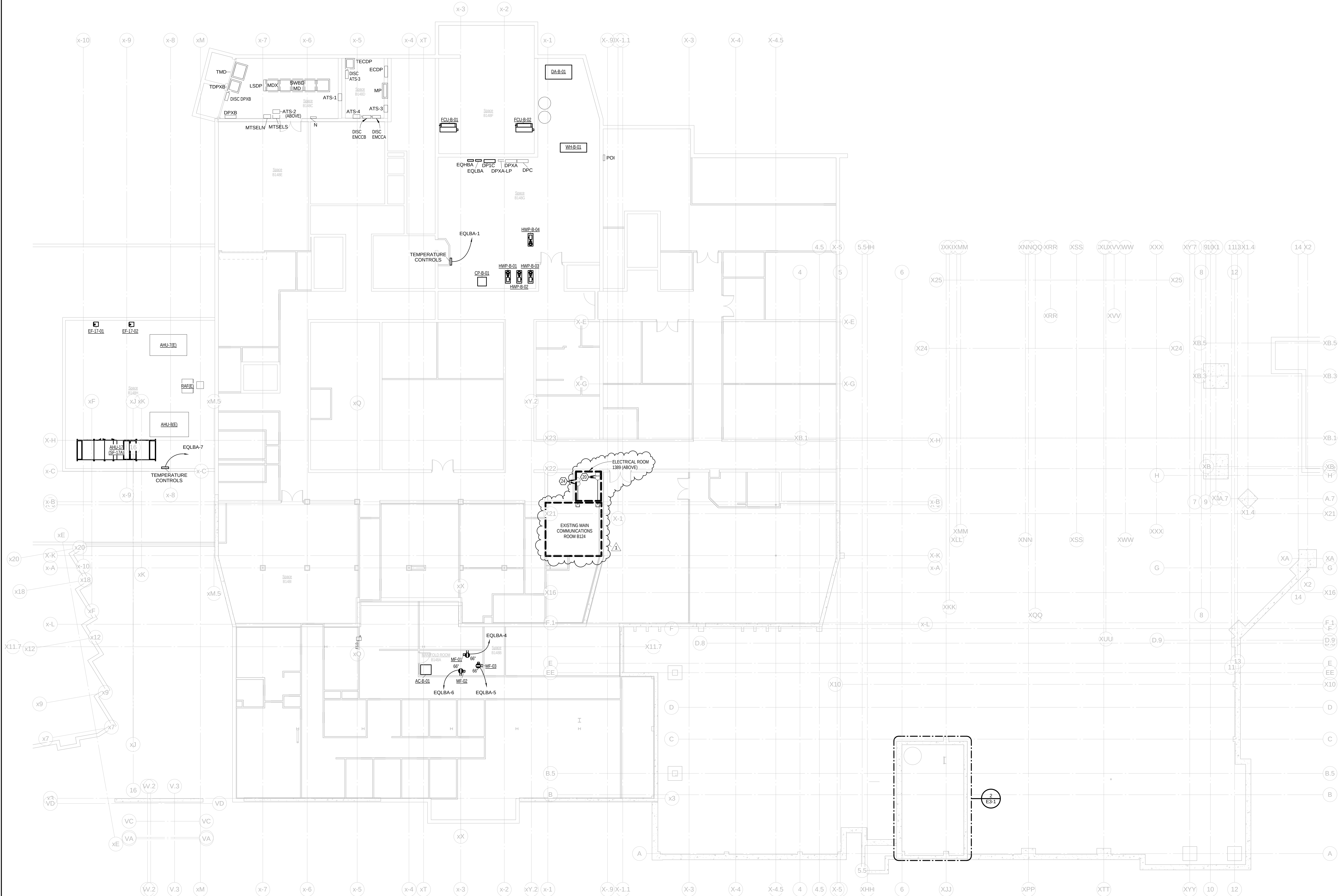
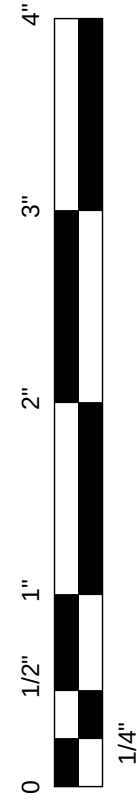
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Sheet Title:
**FLOOR PLAN -
LIGHTING -
AREA "C"**

Sheet Number:
E1-3

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1 FLOOR PLAN BASEMENT - POWER
E2-0 3/32" = 1'-0"

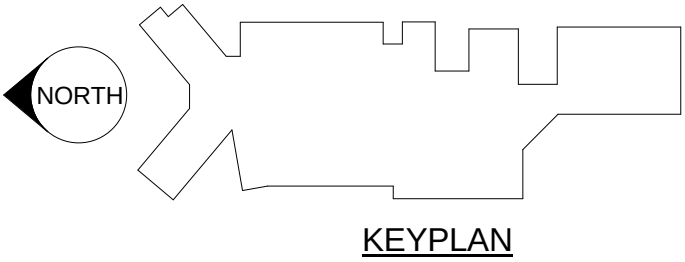
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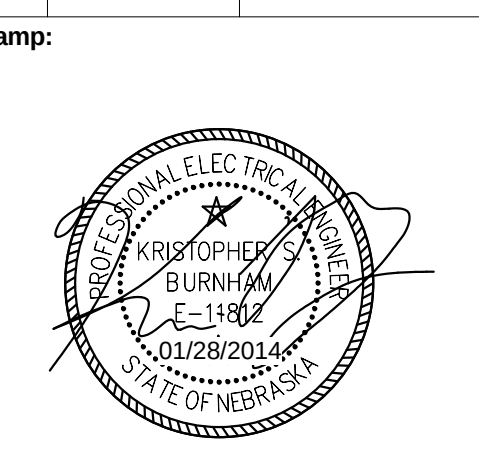
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HEALTH CARE
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Project Title:
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MJF

Project Manager:
MJF

Project Number:
24902

Date:
01/28/2014

Sheet Title:
**FLOOR PLAN -
POWER -
BASEMENT**

Sheet Number:
E2-0

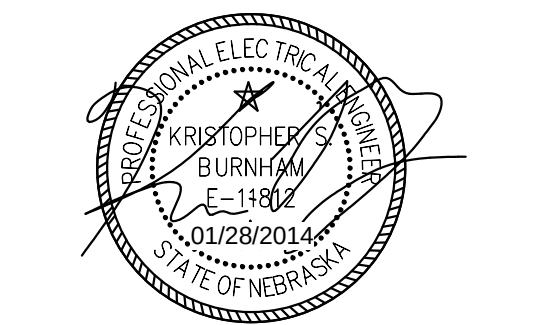
YORK GENERAL HEALTH CARE SERVICES

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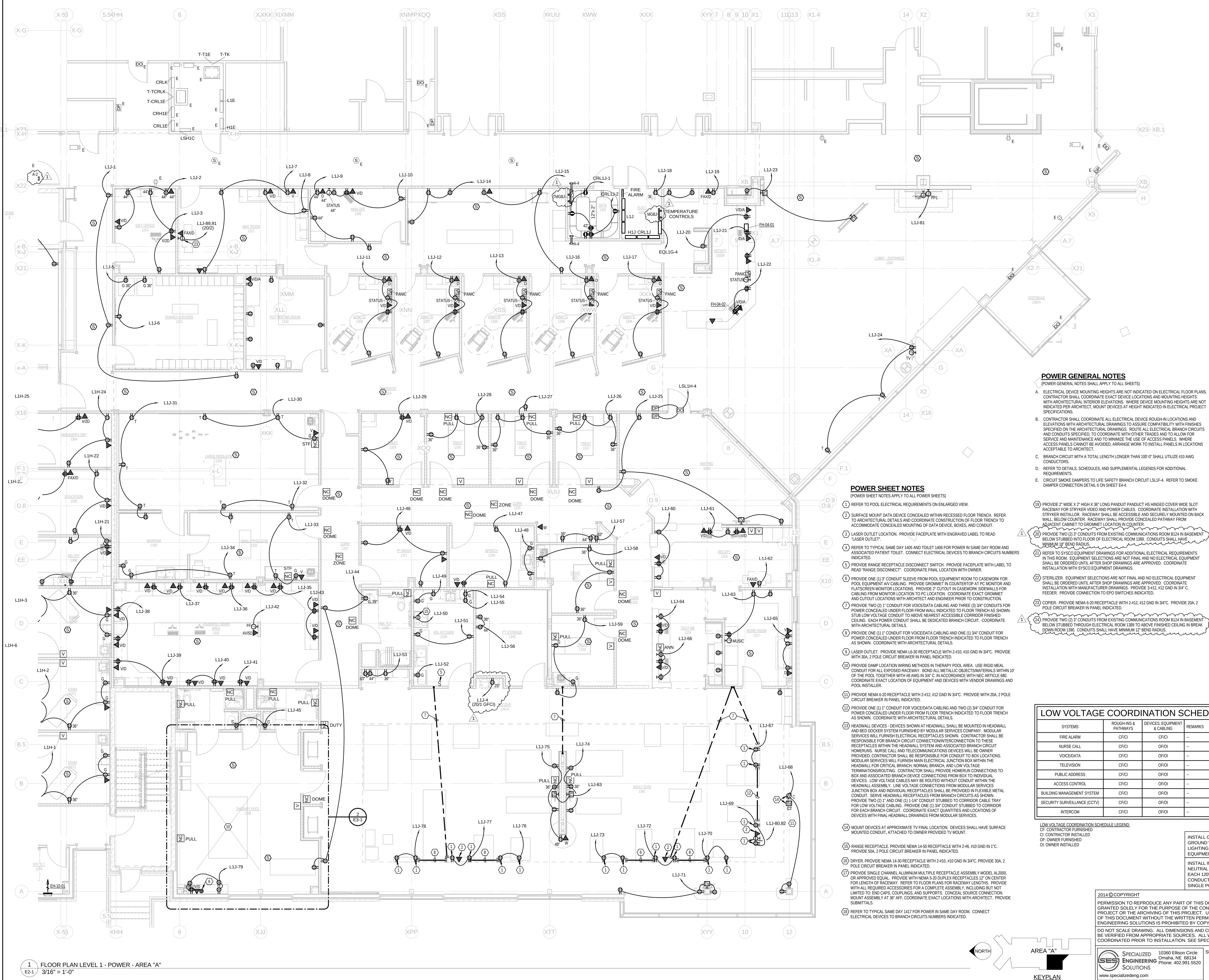
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Sheet Title:
**FLOOR PLAN -
POWER - AREA
"A"**

Sheet Number:

E2-1



POWER GENERAL NOTES

(POWER GENERAL NOTES SHALL APPLY TO ALL SHEETS)

- ELECTRICAL DEVICE MOUNTING HEIGHTS ARE NOT INDICATED ON ELECTRICAL FLOOR PLANS. CONTRACTOR SHALL COORDINATE EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL INTERIOR ELEVATIONS. WHERE DEVICE MOUNTING HEIGHTS ARE NOT INDICATED PER ARCHITECT, MOUNT DEVICES AT HEIGHT INDICATED IN ELECTRICAL PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL COORDINATE ALL ELECTRICAL DEVICE ROUGH-IN LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS TO ASSURE COMPATIBILITY WITH FINISHES SPECIFIED ON THE ARCHITECTURAL DRAWINGS. ROUTE ALL ELECTRICAL BRANCH CIRCUITS AND CONDUITS SPECIFIED TO COORDINATE WITH OTHER TRADES AND TO ALLOW FOR SERVICE AND MAINTENANCE AND TO MINIMIZE THE USE OF ACCESS PANELS. WHERE ACCESS PANELS CANNOT BE AVOIDED, ARRANGE WORK TO INSTALL PANELS IN LOCATIONS ACCEPTABLE TO ARCHITECT.
- BRANCH CIRCUIT WITH A TOTAL LENGTH LONGER THAN 100'-0" SHALL UTILIZE #10 AWG CONDUCTORS.
- REFER TO DETAILS, SCHEDULES, AND SUPPLEMENTAL LEGENDS FOR ADDITIONAL REQUIREMENTS.
- CIRCUIT SMOKE DAMPERS TO LIFE SAFETY BRANCH CIRCUIT LSLJF-4. REFER TO SMOKE DAMPER CONNECTION DETAIL 6 ON SHEET E4-4.

POWER SHEET NOTES

(POWER SHEET NOTES APPLY TO ALL POWER SHEETS)

- REFER TO POOL ELECTRICAL REQUIREMENTS ON ENLARGED VIEW.
- SURFACE MOUNT DATA DEVICE CONCEALED WITHIN RECESSED FLOOR TRENCH. REFER TO ARCHITECTURAL DETAILS AND COORDINATE CONSTRUCTION OF FLOOR TRENCH TO ACCOMMODATE CONCEALED MOUNTING OF DATA DEVICE, BOXES, AND CONDUIT.
- LASER OUTLET LOCATION. PROVIDE FACELATE WITH ENGRAVED LABEL TO READ "LASER OUTLET".
- REFER TO TYPICAL SAME DAY 1405 AND TOILET 1405 FOR POWER IN SAME DAY ROOM AND ASSOCIATED PATIENT TOILET. CONNECT ELECTRICAL DEVICES TO BRANCH CIRCUITS NUMBERS INDICATED.
- PROVIDE RANGE RECEPTACLE DISCONNECT SWITCH. PROVIDE FACELATE WITH LABEL TO READ "RANGE DISCONNECT". COORDINATE FINAL LOCATION WITH OWNER.
- PROVIDE ONE (1) 3" CONDUIT SLEEVE FROM POOL EQUIPMENT ROOM TO CASEWORK FOR POOL EQUIPMENT AV CABLING. PROVIDE GROMMET IN COUNTERTOP AT PC MONITOR AND FLATSREEN MONITOR LOCATIONS. PROVIDE 2" CUTOFF IN CASEWORK SIDEWALLS FOR CABLING FROM MONITOR LOCATION TO PC LOCATION. COORDINATE EXACT GROMMET AND CUTOFF LOCATIONS WITH ARCHITECT AND ENGINEER PRIOR TO CONSTRUCTION.
- PROVIDE TWO (2) 1" CONDUIT FOR VOICE DATA CABLING AND THREE (3) 3/4" CONDUITS FOR POWER CONCEALED UNDER FLOOR FROM WALL INDICATED TO FLOOR TRENCH AS SHOWN. STUB LOW VOLTAGE CONDUIT TO ABOVE NEAREST ACCESSIBLE CORRIDOR FINISHED CEILING. EACH POWER CONDUIT SHALL BE DEDICATED BRANCH CIRCUIT. COORDINATE WITH ARCHITECTURAL DETAILS.
- PROVIDE ONE (1) 1" CONDUIT FOR VOICE DATA CABLING AND ONE (1) 3/4" CONDUIT FOR POWER CONCEALED UNDER FLOOR FROM FLOOR TRENCH INDICATED TO FLOOR TRENCH AS SHOWN. COORDINATE WITH ARCHITECTURAL DETAILS.
- LASER OUTLET. PROVIDE NEMA 6-20 RECEPTACLE WITH 2-#10, #10 GND IN 34" C. PROVIDE WITH 30A, 2 POLE CIRCUIT BREAKER IN PANEL INDICATED.
- PROVIDE DAMP LOCATION WIRING METHODS IN THERAPY POOL AREA. USE RIGID METAL CONDUIT FOR ALL EXPOSED RACEWAY. BOND ALL METALLIC OBJECTS/MATERIALS WITHIN 10' OF THE POOL TOGETHER WITH #8 AWG IN 34" C. IN ACCORDANCE WITH NEC ARTICLE 680. COORDINATE EXACT LOCATION OF EQUIPMENT AND DEVICES WITH VENDOR DRAWINGS AND POOL INSTALLER.
- PROVIDE NEMA 6-20 RECEPTACLE WITH 2-#12, #12 GND IN 34" C. PROVIDE WITH 20A, 2 POLE CIRCUIT BREAKER IN PANEL INDICATED.
- PROVIDE ONE (1) 1" CONDUIT FOR VOICE DATA CABLING AND TWO (2) 3/4" CONDUIT FOR POWER CONCEALED UNDER FLOOR FROM FLOOR TRENCH INDICATED TO FLOOR TRENCH AS SHOWN. COORDINATE WITH ARCHITECTURAL DETAILS.
- HEADWALL DEVICES - DEVICES SHOWN AT HEADWALL SHALL BE MOUNTED IN HEADWALL AND BED DOCKER SYSTEM FURNISHED BY MODULAR SERVICES COMPANY. MODULAR SERVICES WILL FURNISH ELECTRICAL RECEPTACLES SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR BRANCH CIRCUIT CONNECTIONS FROM THESE RECEPTACLES TO THE HEADWALL SYSTEM AND ASSOCIATED BRANCH CIRCUIT HOMERUNS. NURSE CALL AND TELECOMMUNICATIONS DEVICES WILL BE OWNER PROVIDED. CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUIT TO BOX LOCATIONS. MODULAR SERVICES WILL FURNISH MAIN ELECTRICAL JUNCTION BOX WITHIN THE HEADWALL FOR CRITICAL BRANCH, NORMAL BRANCH, AND LOW VOLTAGE TERMINATION ROUTING. CONTRACTOR SHALL PROVIDE HOMERUN CONNECTIONS TO BOX AND ASSOCIATED BRANCH DEVICES CONNECTIONS FROM BOX TO INDIVIDUAL DEVICES. LOW VOLTAGE CABLES MAY BE ROUTED WITHOUT CONDUIT WITHIN THE HEADWALL ASSEMBLY. LINE VOLTAGE CONNECTIONS FROM MODULAR SERVICES JUNCTION BOX AND INDIVIDUAL RECEPTACLES SHALL BE PROVIDED IN FLEXIBLE METAL CONDUIT. SERVE HEADWALL RECEPTACLES FROM BRANCH CIRCUITS AS SHOWN. PROVIDE TWO (2) 1" AND ONE (1) 1-1/4" CONDUIT SUBSTUBBED TO CORRIDOR CABLE TRAY FOR LOW VOLTAGE CABLING. PROVIDE ONE (1) 3/4" CONDUIT SUBSTUBBED TO CORRIDOR FOR EACH BRANCH CIRCUIT. COORDINATE EXACT QUANTITIES AND LOCATIONS OF DEVICES WITH FINAL HEADWALL DRAWINGS FROM MODULAR SERVICES.
- MOUNT DEVICES AT APPROXIMATE TV FINAL LOCATION. DEVICES SHALL HAVE SURFACE MOUNTED CONDUIT, ATTACHED TO OWNER PROVIDED TV MOUNT.
- RANGE RECEPTACLE. PROVIDE NEMA 14-50 RECEPTACLE WITH 2-#6, #10 GND IN 1". PROVIDE 50A, 2 POLE CIRCUIT BREAKER IN PANEL INDICATED.
- DRYER. PROVIDE NEMA 14-50 RECEPTACLE WITH 2-#10, #10 GND IN 34" C. PROVIDE 30A, 2 POLE CIRCUIT BREAKER IN PANEL INDICATED.
- PROVIDE SINGLE CHANNEL ALUMINUM MULTIPLE RECEPTACLE ASSEMBLY MODEL AL2000, OR APPROVED EQUAL. PROVIDE WITH NEMA 5-20 DUPLEX RECEPTACLES 12" ON CENTER FOR LENGTH OF RACEWAY. REFER TO FLOOR PLANS FOR RACEWAY LENGTHS. PROVIDE WITH ALL REQUIRED ACCESSORIES FOR A COMPLETE ASSEMBLY, INCLUDING BUT NOT LIMITED TO: END CAPS, COUPLINGS, AND SUPPORTS. CONCEAL SOURCE CONNECTION MOUNT ASSEMBLY AT 36" AFF. COORDINATE EXACT LOCATIONS WITH ARCHITECT. PROVIDE SUBMITTALS.
- REFER TO TYPICAL SAME DAY 1417 FOR POWER IN SAME DAY ROOM. CONNECT ELECTRICAL DEVICES TO BRANCH CIRCUITS NUMBERS INDICATED.

LOW VOLTAGE COORDINATION SCHEDULE

SYSTEMS	ROUGH-INS & PATHWAYS	DEVICES, EQUIPMENT & CABLING	REMARKS
FIRE ALARM	CF/CI	CF/CI	--
NURSE CALL	CF/CI	OF/OI	--
VOICE DATA	CF/CI	OF/OI	--
TELEVISION	CF/CI	OF/OI	--
PUBLIC ADDRESS	CF/CI	OF/OI	--
ACCESS CONTROL	CF/CI	OF/OI	--
BUILDING MANAGEMENT SYSTEM	CF/CI	OF/OI	--
SECURITY SURVEILLANCE (CCTV)	CF/CI	OF/OI	--
INTERCOM	CF/CI	OF/OI	--

LOW VOLTAGE COORDINATION SCHEDULE LEGEND:
CF: CONTRACTOR FURNISHED
CI: CONTRACTOR INSTALLED
OF: OWNER FURNISHED
OI: OWNER INSTALLED

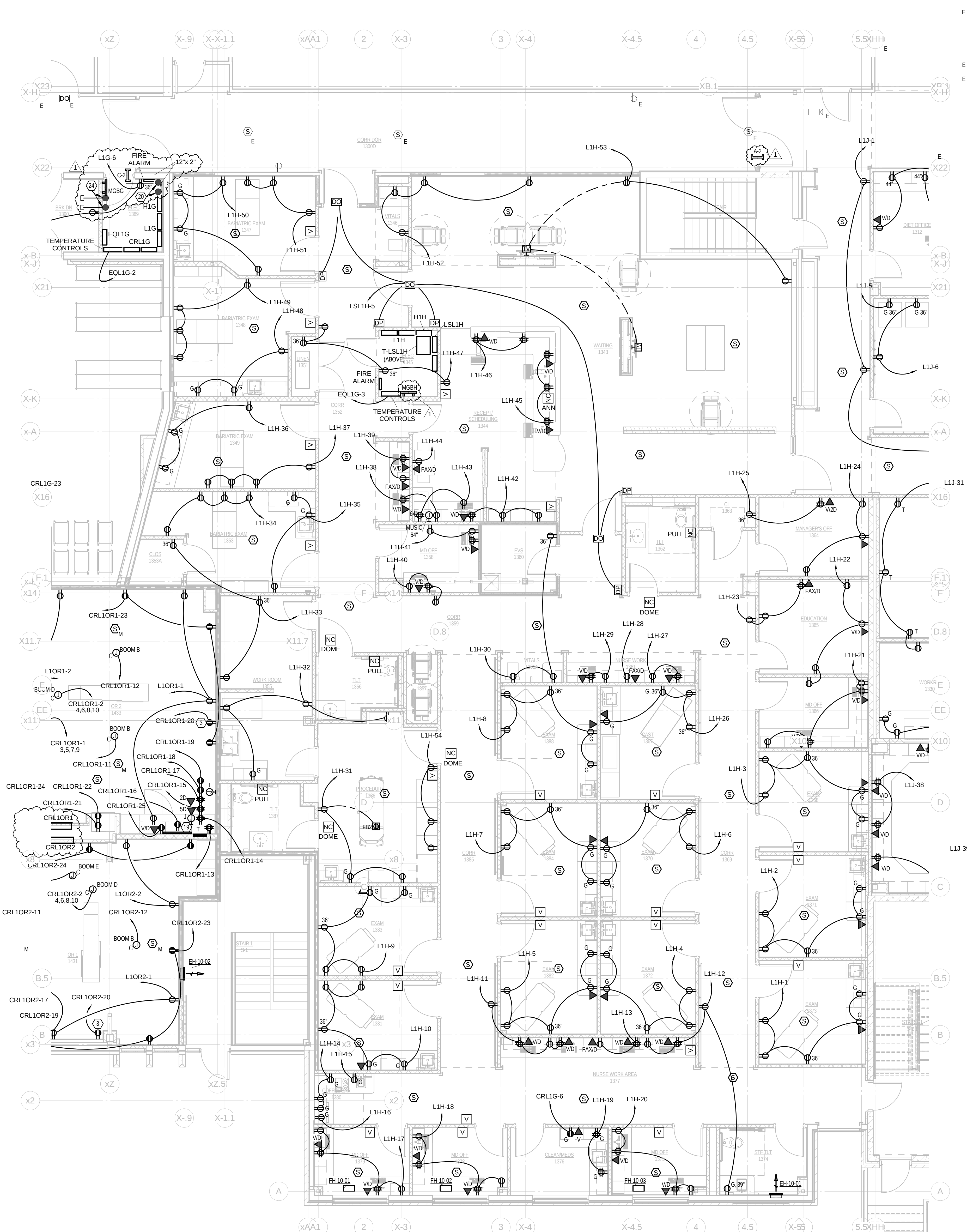
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1 FLOOR PLAN LEVEL 1 - POWER - AREA "B"
E2-2 3/16" = 1'-0"

INSTALL GREEN INSULATED
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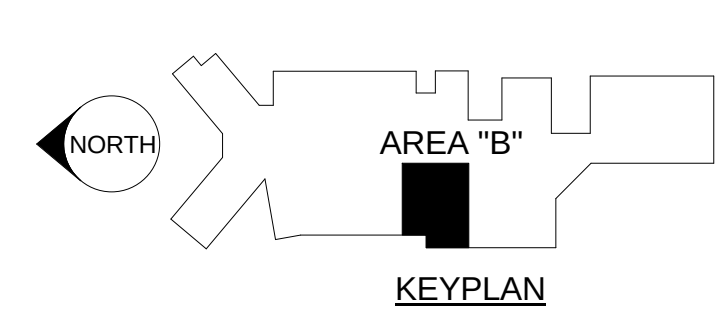
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Sheet Title:
**FLOOR PLAN -
POWER - AREA
"B"**

Sheet Number:
E2-2

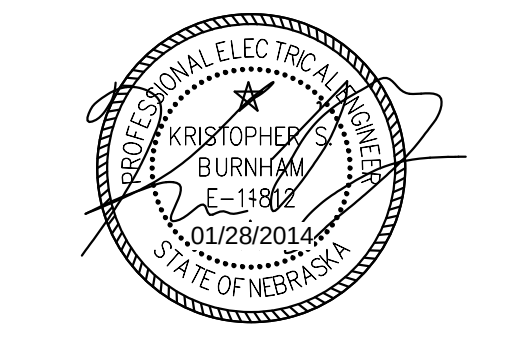
YORK GENERAL HEALTH CARE SERVICES

Project Title: HOSPITAL ADDITION AND REMODEL

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Rev	Date	Description
1	02/25/2014	Add No 1

Stamp:



Drawn By: MJF
Project Manager: MJF

Project Number:
24902

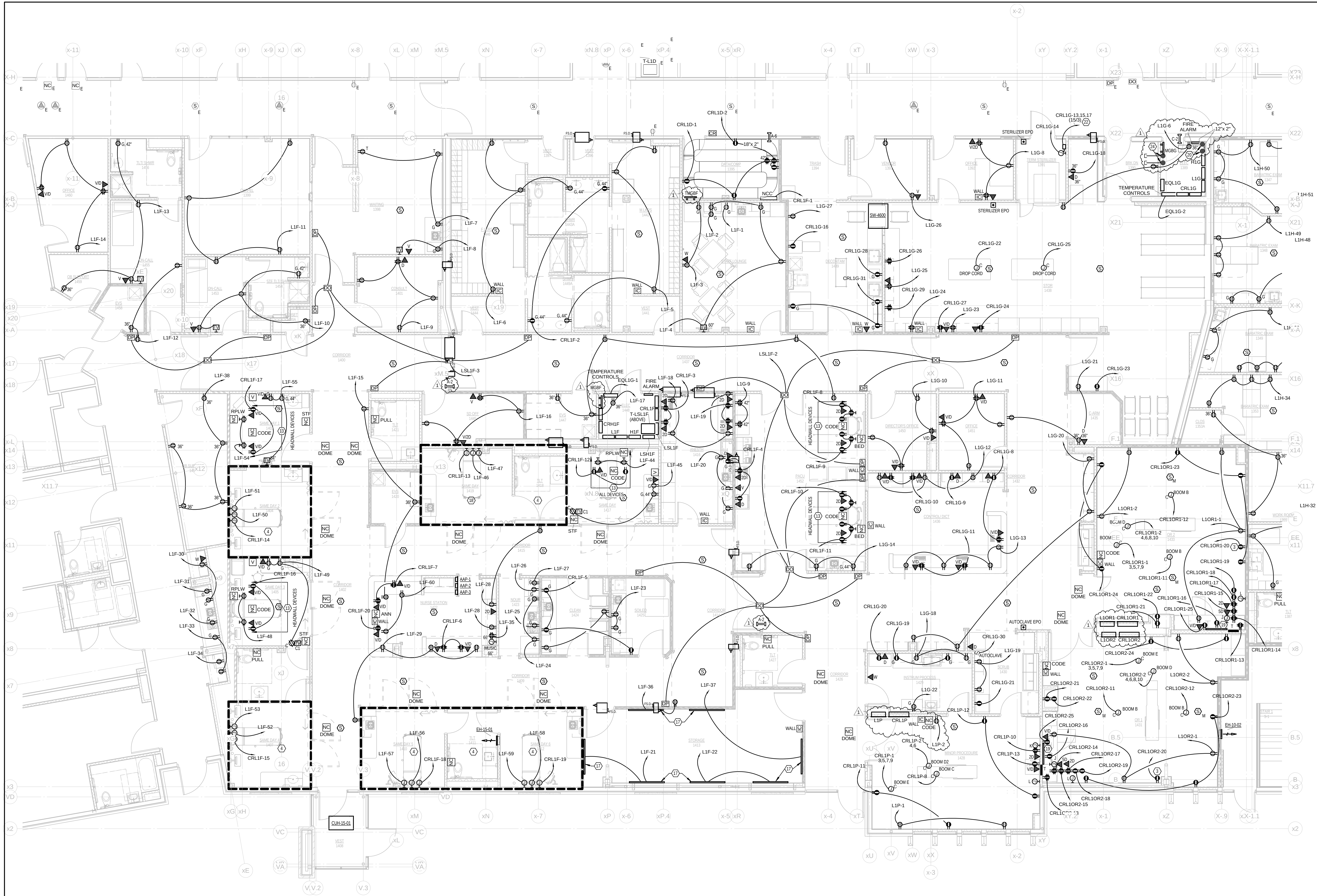
Date:
01/28/2014

Sheet Title:

FLOOR PLAN - POWER - AREA "C"

Sheet Number:

E2-3



1 FLOOR PLAN LEVEL 1 - POWER - AREA "C"
E2-3 3/16" = 1'-0"

INSTALL GREEN INSULATED
GROUND WIRE WITH
LIGHTING, RECEPTACLE AND
EQUIPMENT BRANCH CIRCUITS.

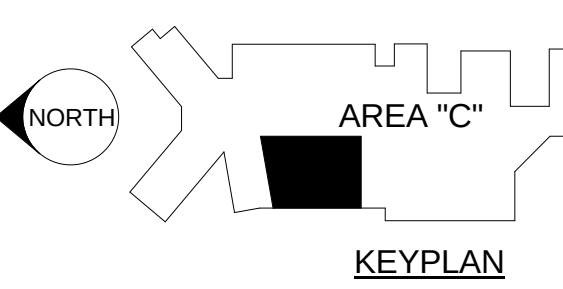
INSTALL INDIVIDUAL (DEDICATED)
NEUTRAL CONDUCTORS FOR
EACH 120V OR 277V PHASE.
CONDUCTOR SERVED FROM A
SINGLE POLE CIRCUIT BREAKER

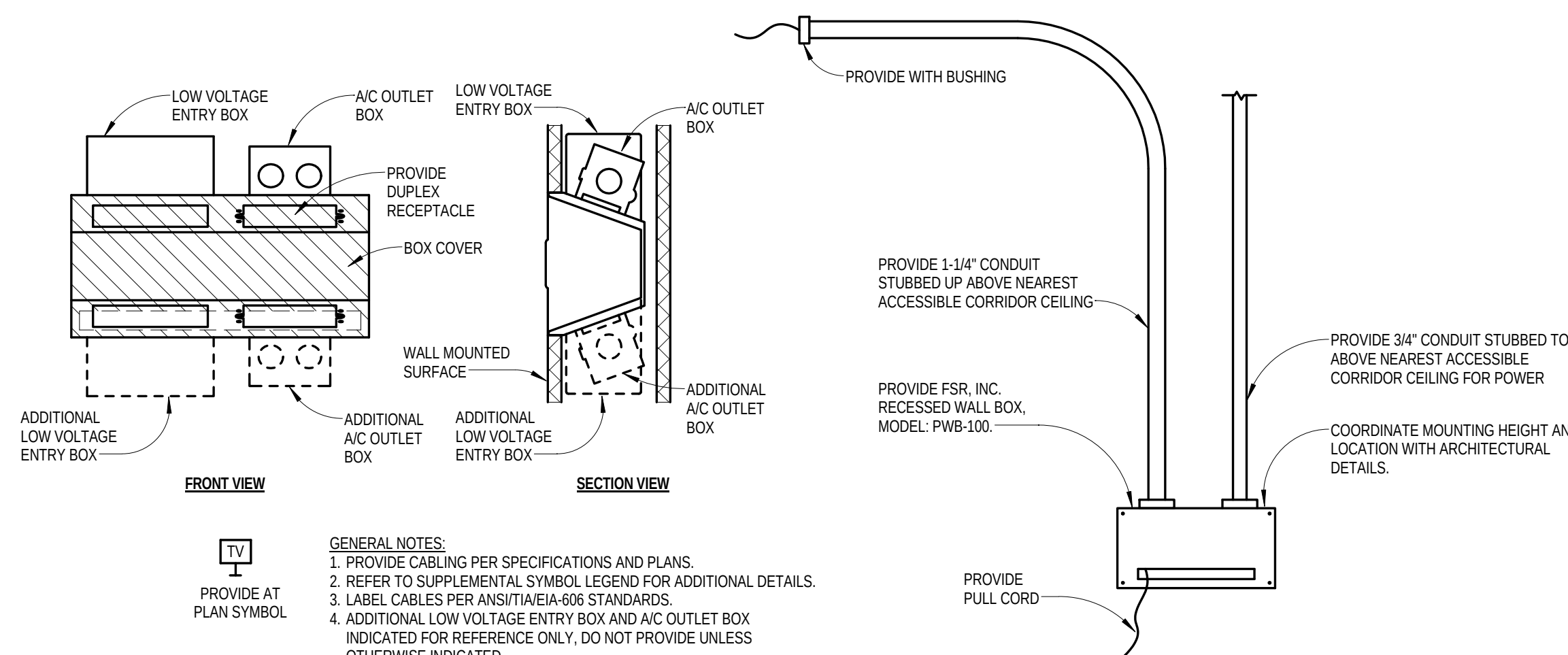
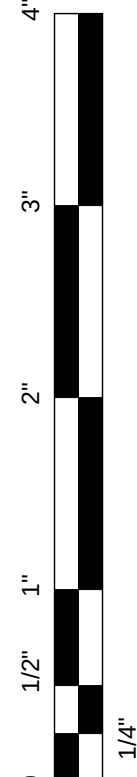
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COORDINATED PRIOR TO INSTALLATION. SEE SPECIFICATIONS.

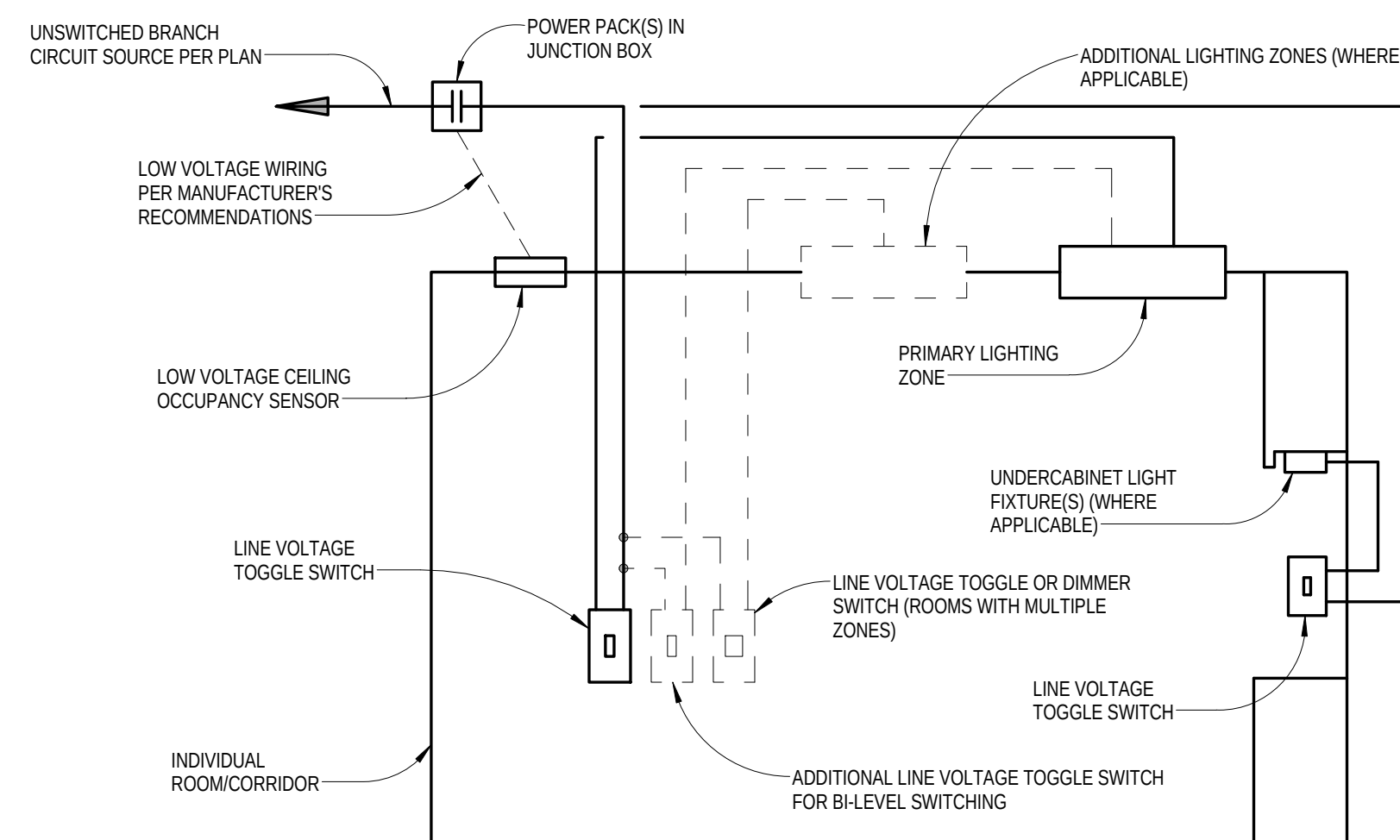
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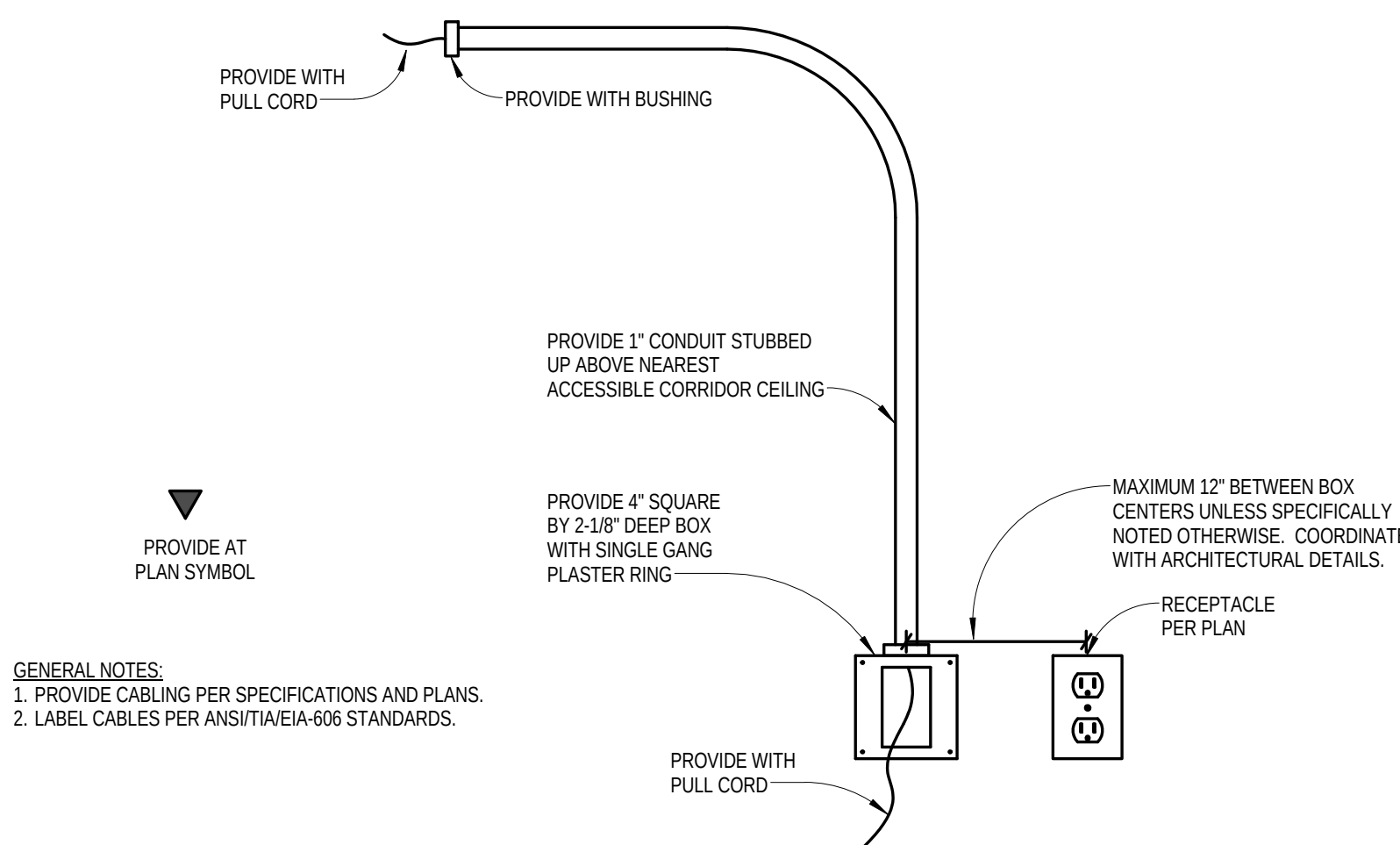


1 CATV Outlet
E4-4 NOT TO SCALE

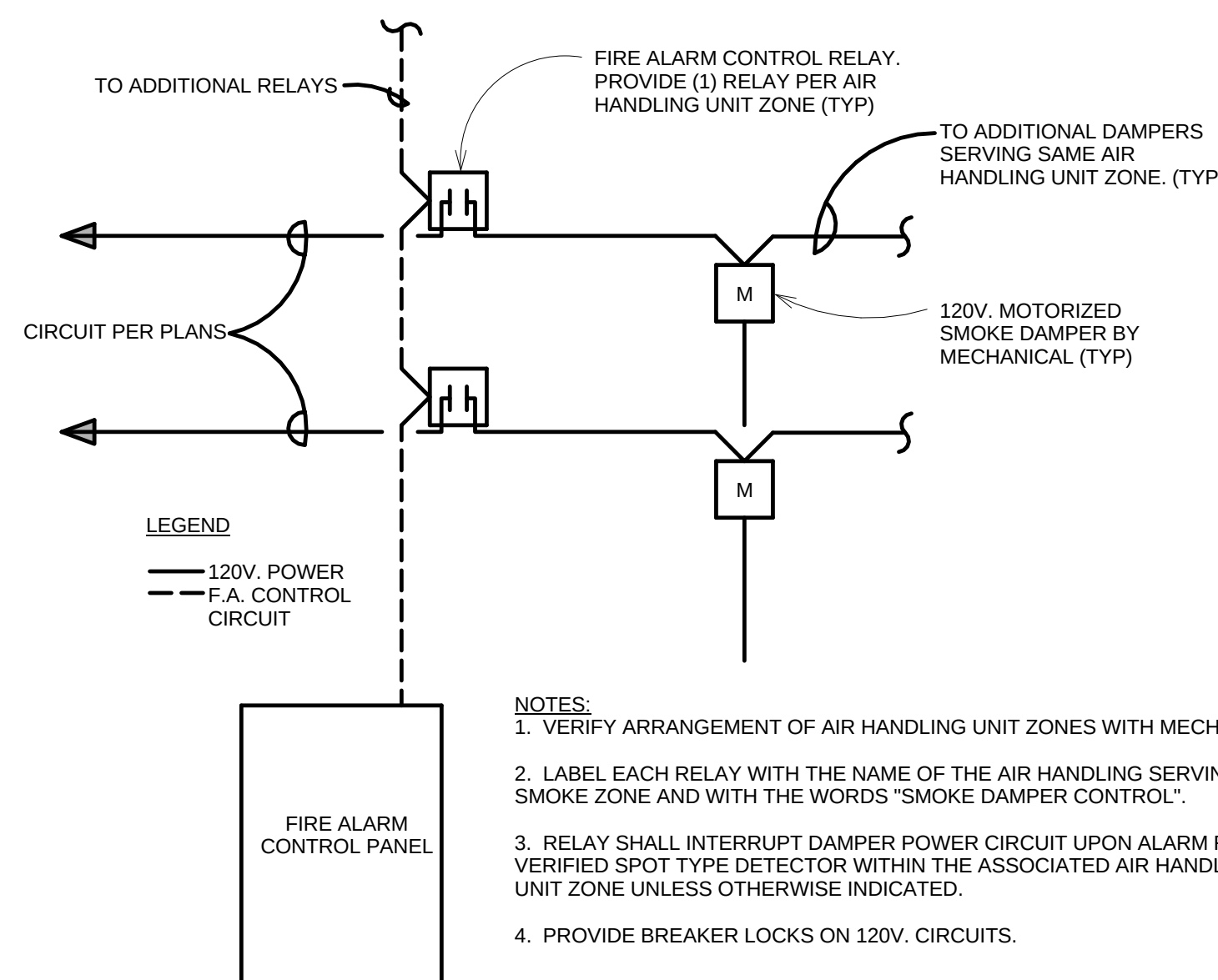


5 Ceiling Occ Sensor With Dimmer AND Switch
E4-4 1/8" = 1'-0"

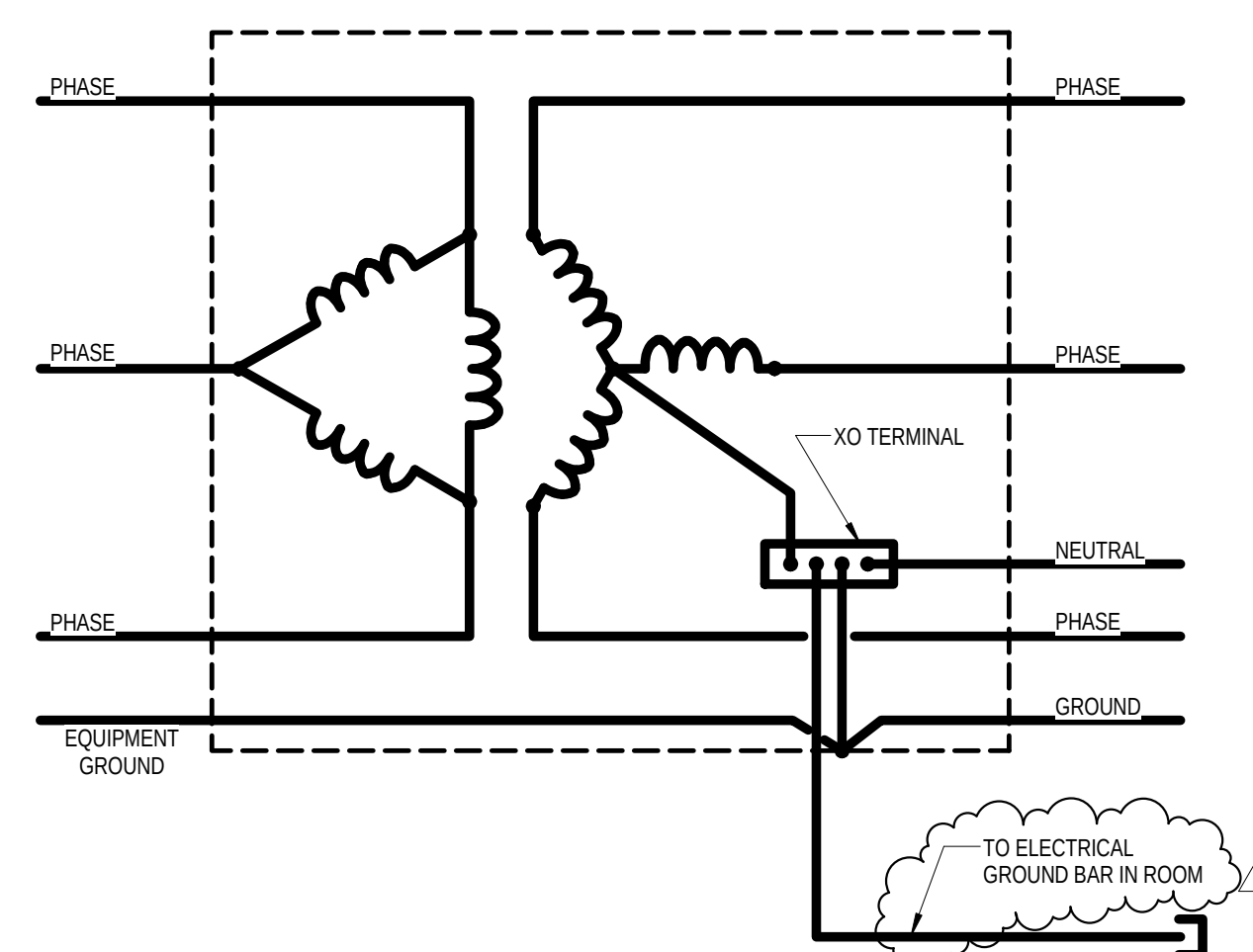
PLAN SYMBOL COMBINATION	CONTROL CONFIGURATION
	OCCUPANCY SENSOR WITH DIMMER AND SWITCH
	OCCUPANCY SENSOR WITH DIMMER OR SWITCH
	OCCUPANCY SENSOR WITH BI-LEVEL SWITCHING
	OCCUPANCY SENSOR WITH BI-LEVEL SWITCHING - MULTIPLE LOCATIONS
	OCCUPANCY SENSOR ONLY (EXCLUDE WALL SWITCH INDICATED IN DETAIL)



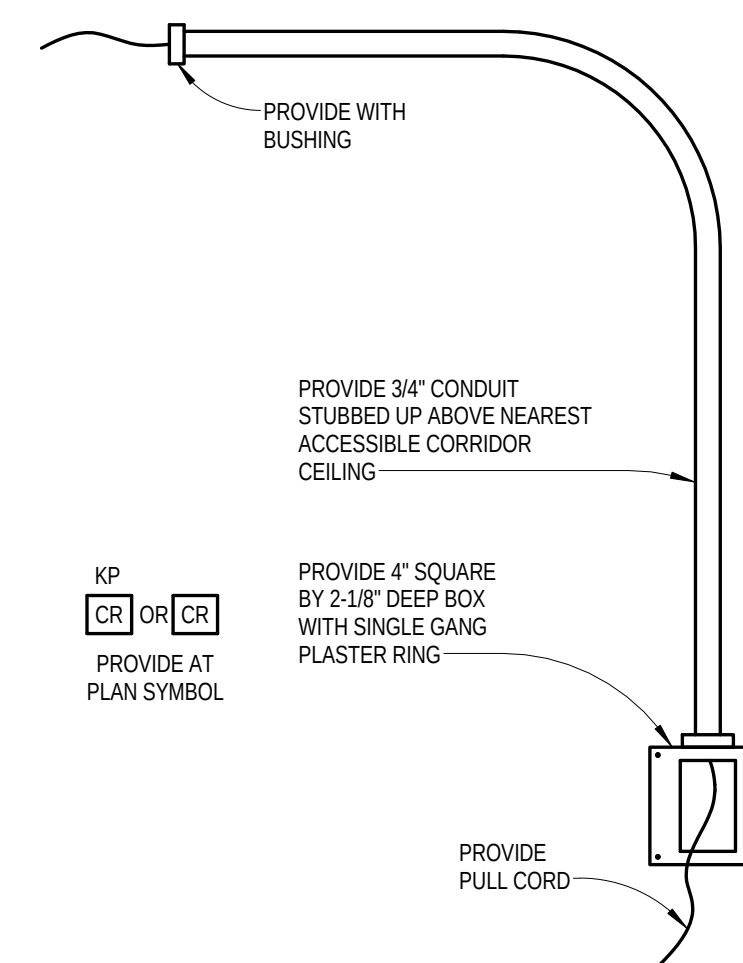
2 Communications Outlet Rough-In
E4-4 NOT TO SCALE



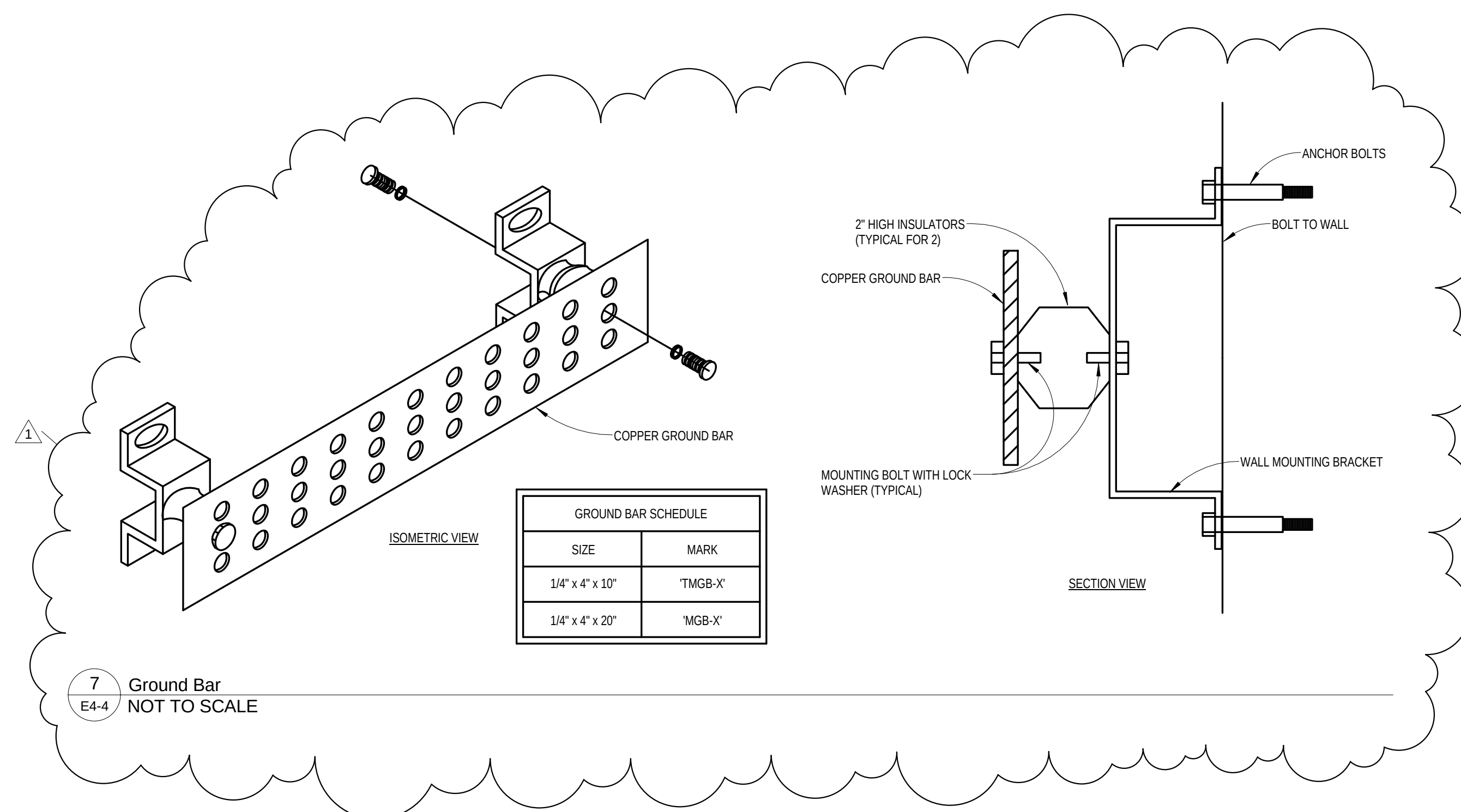
6 SMOKE DAMPER CONNECTION
E4-4 NOT TO SCALE



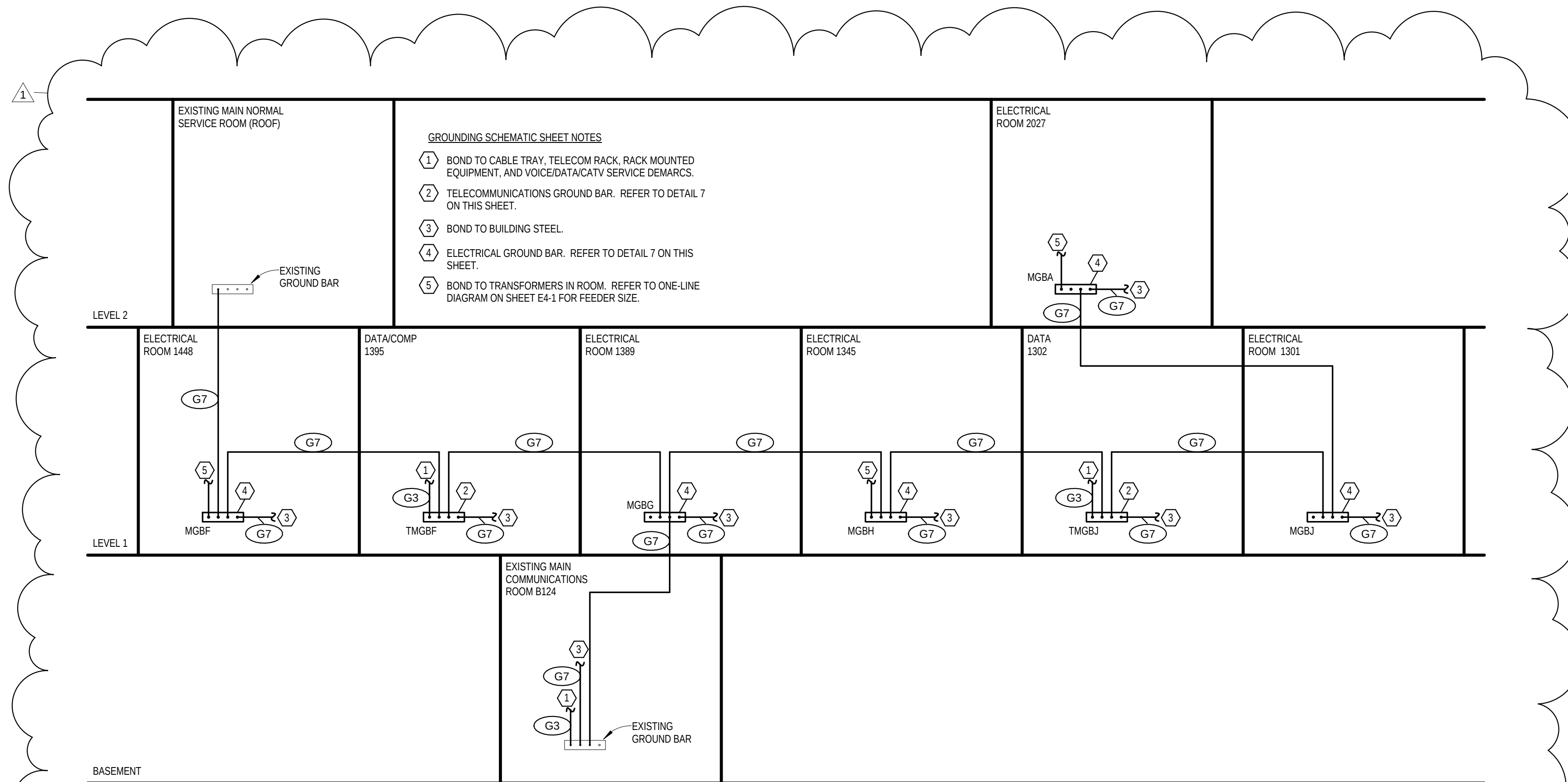
3 Dry-Type Transformer
E4-4 NOT TO SCALE



4 Card Reader Rough-In
E4-4 NOT TO SCALE



7 Ground Bar
E4-4 NOT TO SCALE



8 Grounding Schematic
E4-4 NOT TO SCALE