

Eugene School District 4J
ROOSEVELT MIDDLE SCHOOL
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ADDENDUM NO. 5

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated February 18, 2015 and subsequent addenda as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

ADDENDUM NO. 3

1. ITEM 5 – SECTION 09 51 00 – ACOUSTICAL CEILINGS

- A. Paragraph B: Change “Ultima Lay-In Square Lay-In” to “Ultima 1913 with Type 2 suspension system.”

2. ITEM 10 – SECTION 11 61 43 – STAGE CURTAINS

- A. Paragraph 2.01.C: Change to read: “25 oz. velour denim lined to match front curtains.”

SPECIFICATIONS

3. SECTION 01 40 00 – QUALITY REQUIREMENTS

- A. Paragraph 1.07.A: Change to read: “Owner will employ and pay for the services of an independent testing agency to perform all specified and code required testing and inspection.”

4. SECTION 01 10 00 – SUMMARY

- A. Paragraph 1.04.C: Delete Paragraph 1. Clarification: Trash compactor is being changed to Owner Furnished Contractor Installed.

- B. Paragraph 1.04.D: Add new Paragraph 5 as follows:

“5. Trash compactor located in Service Courtyard.”

Clarification: Trash compactor is being changed to Owner Furnished Contractor Installed.

5. SECTION 03 30 00 – CAST-IN-PLACE CONCRETE

- A. Paragraph 2.07.A: Delete Paragraph A. Clarification: Creteseal CS 2000 is an approved product for Curing and Sealing Compound specified in Paragraph 2.07.D.

6. SECTION 05 52 12 – EXTERIOR METAL RAILINGS

- A. Article 2.02: Delete Paragraphs A, B, D, F and G. Clarification: All exterior railings are stainless steel.

7. SECTION 06 40 00 – ARCHITECTURAL WOODWORK

- A. Paragraph 2.03.A: Add the following: “Without knots or football patches.”
- B. Paragraph 2.03.B: Delete Paragraph 2.03.B. Clarification: All wall and ceiling panels are Softwood Plywood specified in 2.03.A.”
- C. Clarification: Suspension system for wood panel ceilings is specified in Section 09 22 26.

8. SECTION 06 41 00 – ARCHITECTURAL WOOD CASEWORK

- A. Article 2.07: Delete Paragraph E. Clarification: Grommets are specified under Article 2.08.
- B. Paragraph 2.08.L: Add the following: “Provide 24 grommets for installation at locations directed by Owner.”

9. SECTION 08 43 13 – ALUMINUM-FRAMED STOREFRONTS

- A. Paragraph 2.3.D: Delete Paragraph D. Clarification: Awning type windows have been eliminated. All operable windows are casement.

10. SECTION 09 21 16 – GYPSUM BOARD ASSEMBLIES

- A. Replace Section with attached revised Section 09 21 16. Clarification: Deleted texture finish; clarified use of 14 gage studs at door frames; clarified location for acoustical insulation.

11. SECTION 09 22 26 – SUSPENSION SYSTEMS

- A. Clarification: The Drawings indication use of channels and Z-furring, Contractors option to eliminate these components using the specified concealed steel suspension system. System must still comply with specified requirements.

12. SECTION 09 30 00 – TILING

- A. Paragraph 2.01.D: Add: “CT-3.”
- B. Article 2.01: Add the following new Paragraph E:
- “E. Glazed Ceramic Wall Tile Type CT-4:
1. Moisture Absorption: 0 to 0.5 percent.
 2. Tile Size and Shape: 2 x 2 inch square.
 3. Edges: Cushioned.
 4. Surface Finish: Matte.
 5. Color(s): D014 Desert Gray.
 6. Products:
 - a. Keystone Mosaic by Dal-Tile Corporation: www.daltile.com.
 - b. Substitutions: See Section 01 60 00 - Product Requirements.”

C. Article 2.06: Add the following new Paragraph F.

“F. Waterproof Anti-Fracture Membrane: ANSI A188.12, heavy-duty rated; liquid applied polymer with reinforcing fabric.

1. Custom 9240 by Custom Building Products: www.custombuildingproducts.com
2. Substitutions: See Section 01 60 00 – Product Requirements.”

Clarification: For use with CT-2.

13. SECTION 09 51 00 – ACOUSTICAL CEILINGS

- A. Paragraph 2.02.C: Change “intermediate-duty” to heavy-duty.”

14. SECTION 10 14 00 – SIGNAGE

- A. Replace Section with attached revised Section 10 14 00. Clarification: Added exterior sign.

15. SECTION 10 21 13 13 – SOLID PHENOLIC TOILET AND SHOWER COMPARTMENTS

- A. Paragraph 2.02.A: Change “Solid phenolic core” to “Solid reinforced composite.” Clarification: Partition system is reinforced composite.

16. SECTION 11 31 00 – RESIDENTIAL APPLIANCES

- A. Article 2.01: Add new Paragraph I as follows:

“I. Wall Oven:

1. Size: 29 inches.
2. Ovens: Self-cleaning.
3. Controls: Solid state electronic.
4. Connection: 240 volt.
5. Features: Include automatic meat thermometer, storage drawer, oven door window, broiler pan and grid, and oven light.
6. Finish: Porcelain enameled steel, color white.
7. Product:
 - a. Frigidaire Home Products; Product FGEW2745KW: www.frigidaire.com.
 - b. Substitutions: See Section 01 60 00 - Product Requirements.”

17. SECTION 31 62 16.19 – DRIVEN STEEL PIPE PILES

- A. Replace Section with attached revised Section 31 62 16.19: Clarification: Contractor selectable options to painting of piping are provided.

PACKAGE 1 - DRAWING SHEETS

18. SHEET T-110 – SITE PLAN - TELECOM

- A. Replace Sheet with attached revised Sheet T-110. Clarification: Added conduit from the MDF to the charging station in the parking lot as shown, stub conduit 6” above grade and cap. Field verify final stub location; added Keyed Note 9.

19. SHEET T-120 – UNDERSLAB 1ST FLOOR PLAN - OVERALL

- A. Replace Sheet with attached revised Sheet T-120. Clarification: Added conduit from the MDF to the charging station in the parking lot for future charging station data connection. Raceway only is required.

PACKAGE 2 - DRAWING SHEETS

20. SHEET G-002 P2V1 - SHEET INDEX, PROJECT INFORMATION, ABBREVIATIONS, SYMBOL LEGEND, GENERAL NOTES, PROJECT DIRECTORY

- A. Add the following sheets to the Sheet Index:

“A-333 – Wall Sections
A-537 - Exterior Details – Roof Alternate
A-543 - Exterior Window Details
A-545 – Curtain Wall Details
A-546 – Curtain Wall Details”

Clarification: Sheet A-537 was added by Addendum #1.”

21. SHEET A-121A – FIRST FLOOR PLAN – ZONE A

- A. Add gypsum board to interior side wall side of wall type X35-5-0 located at north wall of Stair 1 S01. Clarification: Interior gypsum board only required for this wall type at Stair 1. Gypsum board is not required above the ceiling or in the mechanical loft.
- B. KEYNOTES: Change Note 42 from “OCFI” to “OFCL.”

22. SHEET A-121E – FIRST FLOOR PLAN – ZONE E

- A. Replace Sheet with attached revised Sheet A-121E. Clarification: Changed wall types at gridline K. Added head and base info to wall tag at gridline L.

23. SHEET A-122E - MECHANICAL EQUIPMENT PLATFORM PLAN - ZONE E

- A. Replace Sheet with attached revised Sheet A-122E. Clarification: Added access panel.

24. SHEET A-161E - FIRST FLOOR REFLECTED CEILING PLAN - ZONE E

- A. Replace Sheet with attached revised Sheet A-161E. Clarification: Added enlarged callout at Drama. Dimensioned light fixtures in gypsum ceiling. Added detail tag to Science Prep 192.

25. SHEET A-211 – EXTERIOR ELEVATIONS

- A. Elevation Symbol Legend: Remove awning window from symbol legend. Clarification: All awning windows have been changed to casement windows.

26. SHEET A-212 – EXTERIOR ELEVATIONS

- A. Elevation Symbol Legend: Remove awning window from symbol legend. Clarification: All awning windows have been changed to casement windows.

27. SHEET A-221 - ENLARGED EXTERIOR ELEVATIONS

- A. A1/A-221 - Enlarged Partial East Elevation (Zone B & C): Change Window Type at main entry between Gridlines B.9 and B.2 from "W31" to "W30".
- B. B1/A221 - Enlarged North Elevation (Zone A): Remove (2) 120 inch x 26 inch louvers located between Grids 1.5 and 2 and Grids 2.5 and 3 per attached Drawing ADD-A-221-01.
- C. Elevation Symbol Legend: Remove awning window from symbol legend. Clarification: All awning windows have been changed to casement windows.

28. SHEET A-222 – ENLARGED EXTERIOR ELEVATIONS

- A. Elevation Symbol Legend: Remove awning window from symbol legend. Clarification: All awning windows have been changed to casement windows.

29. SHEET A-223 – ENLARGED EXTERIOR ELEVATIONS

- A. B1/A223 - Enlarged West Elevations (Zone A): Remove 120 inch x 62 inch louver located between Grids D and E per attached Drawing ADD-A-223-01.
- B. Elevation Symbol Legend: Remove awning window from symbol legend. Clarification: All awning windows have been changed to casement windows.

30. SHEET A-224 – ENLARGED EXTERIOR ELEVATIONS

- A. Elevation Symbol Legend: Remove awning window from symbol legend. Clarification: All awning windows have been changed to casement windows.

31. SHEET A-225 – ENLARGED EXTERIOR ELEVATIONS

- A. Elevation Symbol Legend: Remove awning window from symbol legend. Clarification: All awning windows have been changed to casement windows.

32. SHEET A-259 - INTERIOR ELEVATIONS - ZONE A SECOND FLOOR

- A. B3/A-259: Change casework and add dishwasher per attached Drawing ADD-A-259-01.

33. SHEET A-271 - INTERIOR ELEVATIONS - ZONE C

- A. E1/A-271: Change casework per attached Drawing ADD-A-271-01.

34. SHEET A-286 - INTERIOR ELEVATIONS - ZONE E

- A. A1/A-286: Change casework per attached Drawing ASK-A-286-01.

35. SHEET A-287 - INTERIOR ELEVATIONS - ZONE E

- A. D3/A-287: Add whiteboard per attached Drawing ADD-287-01.

36. SHEET A-290 – INTERIOR ELEVATIONS – RESTROOMS

- A. Interior Elevation D2-Boys 139A and C5-Girls 139B: Change reference tag at mirrors to 10 28 00.

37. SHEET A-333 – WALL SECTIONS

- A. Add attached new Sheet A-333. Clarification: New Sheet Drawing.

38. SHEET A-451 - ENLARGED REFLECTED CEILING PLANS

- A. Replace Sheet with attached revised Sheet A-451. Clarification: A1 added to sheet, A5 - Enlarged Reflected Ceiling Plan updated with light fixtures, HVAC dimensions, and access panels, added a general notes legend.

39. SHEET A-522 – WALLS AND SECURITY GATE

- A. Replace Sheet with attached revised Sheet A-522. Clarification: Details A1 and B3 added to the sheet for the building sign noted on the landscape plans. Detail A5 replaced to show additional bracket information and reference details.

40. SHEET A-540 – EXTERIOR WINDOW DETAILS

- A. Replace sheet with attached revised Sheet A540. Clarification: Sheet metal flashing types and sill details were revised.

41. SHEET A-542 – EXTERIOR WINDOW AND SUNSHADE DETAILS

- A. Replace Sheet with attached revised Sheet A-542. Clarification: Details B3, B5, and D5 replaced to show revised flashing and firewall sprinkler. Detail D3 and A3 removed as extraneous information.

42. SHEET A-543 – EXTERIOR WINDOW DETAILS

- A. Add attached new Sheet A-543. Clarification: New Sheet Drawing.

43. SHEET A-545 – CURTAIN WALL DETAILS

- A. Add attached new Sheet A-545. Clarification: New Sheet Drawing.

44. SHEET A-546 – CURTAIN WALL DETAILS

- A. Add attached new Sheet A-546. Clarification: New Sheet Drawing.

45. SHEET A-551 – INTERIOR CEILING DETAILS

- A. Replace Sheet with attached revised Sheet A-551. Clarification: Updated molding at A3/A5/B3/B6/C1/C2/C4/D1/D2/D3/D6. Updated reveal at B4.

46. SHEET A-552 – INTERIOR CEILING DETAILS

- A. Replace Sheet with attached revised Sheet A-552. Clarification: Updated light location and wood panel dimensions at D1. Updated molding at B5/D2. Updated reveal at C4 and C5.

47. SHEET A-556 – INTERIOR WINDOW DETAILS

- A. B1/A-556: Change molding per attached Drawings ADD-A-556-01.

48. SHEET A-559 – INTERIOR WALL DETAILS

- A. Replace Sheet with attached revised Sheet A-559. Clarification: Added Detail E1, E2 and D3. Changed name of Detail D2 (detail has not been changed).

49. SHEET A-601 - EXTERIOR WALL ASSEMBLY TYPES

- A. Wall Type X21-5-0: Revise detail per attached Drawing ADD-A-601-01. Clarification: Changed width of batt insulation from 6" to 6 ½" and the description of the gap between exterior wall and interior load bearing wall was clarified.

50. SHEET A-611 – DOOR SCHEDULES & TYPES

- A. Replace Sheet with attached revised Sheet A-611. Clarification: Added paint colors, updated D-SL2, added S-SFG, removed OH-GH1 & OH-C.

51. SHEET A-613 – EXTERIOR WINDOW TYPES

- A. Replace Sheet with attached revised Sheet A-613. Clarification: Window Detail Tags and window dimensions were updated.
- B. Clarification: All operable windows are casement.

52. SHEET A-614 – EXTERIOR WINDOW TYPES

- A. Replace Sheet with attached revised Sheet A-614. Clarification: Window Detail Tags and window dimensions were updated.
- B. Clarification: All operable windows are casement.

53. SHEET A-615 – EXTERIOR WINDOW TYPES

- A. Replace Sheet with attached revised Sheet A-615. Clarification: Window Detail Tags and window dimensions were updated.
- B. Clarification: All operable windows are casement.

54. SHEET A-652 - FINISH SCHEDULE

- A. Room Finish Schedule: Change Floor Finish at Room 126 WC to CT-4.
- B. Room Finish Schedule: Change Floor Finish at Room 157 Shower to CT-4.
- C. Room Finish Schedule: Change Floor Finish at Shower Alcove of Room 163 Locker to CT-4.
- D. Room Finish Schedule: Change Floor Finish at Shower Alcove on Room 164 Locker to CT-4.

APPROVALS

The following are approved based on information submitted to the Architect. Approval does not alter requirements of the Contract Documents. Contractor shall coordinate installation of approved products which the Contractor elects to use, making such changes as may be required for the Work to be complete in all respects.

| <u>SECTION</u> | <u>ITEM</u> | <u>MANUFACTURERS/PRODUCT</u> |
|----------------|---------------------------------|---|
| 07 25 00 | WRB-B | Enverge by Firestone |
| 07 41 13 | Metal Roof Panel | TBC-Superseam by Bryer Co. |
| 08 71 00 | Hinges | Ives |
| | Continuous Hinges | Ives |
| 09 83 11 | Tackable Acoustical Wall Panels | Kinetics |
| | Non-Tackable Wall Panels | Kinetics |
| 09 22 26 | Concealed Suspension System | Drywall Grid by CertainTeed Architectural Component Inc. |
| 09 51 00 | Suspension System, Type 1 | Elite Narrow by CertainTeed |
| | Suspension System, Type 2 | Classic by CertainTeed |
| 09 84 00 | Ceiling Diffuser Panels | Conwed Respond |
| 11 66 23 | Overhead Volleyball System | Performance Sports Systems |

END OF ADDENDUM NO. 5

GYPSUM BOARD ASSEMBLIES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Performance criteria for gypsum board assemblies.
- B. Metal stud wall framing.
- C. Shaft wall system.
- D. Acoustic insulation.
- E. Glass mat faced exterior gypsum sheathing.
- F. Gypsum wallboard.
- G. Exterior gypsum soffit board.
- H. Impact-resistant wallboard.
- I. Joint treatment and accessories.
- J. Insulation for fire-rated ceilings.

Deleted: J. Textured finish system.¶

1.02 RELATED REQUIREMENTS

- A. Section 05 40 00 - Cold-Formed Metal Framing: Exterior wind-load-bearing metal stud framing and interior load bearing metal stud framing.
- B. Section 07 21 00 - Thermal Insulation.
- C. Section 07 90 05 - Joint Sealers: Acoustic sealant.
- D. Section 09 22 26 - Suspension Systems: Suspended systems to support gypsum board ceilings and soffits.

1.03 REFERENCE STANDARDS

- A. ASTM C475/C475M - Standard Specification for Joint Compound and Joint Tape for Finishing Gypsum Board; 2012.
- B. ASTM C645 - Standard Specification for Nonstructural Steel Framing Members; 2013.
- C. ASTM C665 - Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing; 2012.
- D. ASTM C754 - Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products; 2011.
- E. ASTM C840 - Standard Specification for Application and Finishing of Gypsum Board; 2013.
- F. ASTM C954 - Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs From 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness; 2011.
- G. ASTM C1002 - Standard Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs; 2007 (Reapproved 2013).
- H. ASTM C1047 - Standard Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base; 2010a.

- I. ASTM C1177/C1177M - Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing; 2013.
- J. ASTM C1280 - Standard Specification for Application of Gypsum Sheathing; 2013.
- K. ASTM C 1278/C 1278M - Standard Specification for Fiber-Reinforced Gypsum Panel; 2006
- L. ASTM C1396/C1396M - Standard Specification for Gypsum Board; 2014.
- M. ASTM C1629/C1629M - Standard Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels; 2014.
- N. ASTM D3273 - Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber; 2012.
- O. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements; 2009.
- P. ASTM E413 - Classification for Rating Sound Insulation; 2010.
- Q. GA-216 - Application and Finishing of Gypsum Board; Gypsum Association; 2013.

1.04 SYSTEM DESCRIPTION

- A. Acoustic Attenuation for Interior Partitions Indicated as Acoustic: STC of 45-49 calculated in accordance with ASTM E 413, based on tests conducted in accordance with ASTM E 90.
- B. Shaft Wall: Configure and install components as required to achieve the following performance levels:
 - 1. Acoustic Attenuation: STC of 35-39 calculated in accordance with ASTM E 413, based on tests conducted in accordance with ASTM E 90.

1.05 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on metal framing, gypsum board, accessories, and joint finishing system.
- C. Product Data: Provide manufacturer's data on partition head to structure connectors, showing compliance with requirements.
- D. Test Reports: For all stud framing products that do not comply with ASTM C645 or C754, provide independent laboratory reports showing maximum stud heights at required spacings and deflections.

1.06 QUALITY ASSURANCE

- A. Perform in accordance with ASTM C 840. Comply with requirements of GA-600 for fire-rated assemblies.
- B. Installer Qualifications: Company specializing in performing gypsum board application and finishing, with minimum three years of documented experience.

1.07 REGULATORY REQUIREMENTS

- A. Conform to applicable code for fire rated assemblies as indicated on drawings.

PART 2 PRODUCTS

2.01 GYPSUM BOARD ASSEMBLIES

- A. Provide completed assemblies complying with ASTM C840 and GA-216.
- B. Shaft Walls at HVAC Shafts: Provide completed assemblies with the following characteristics:

Deleted: E. Samples: Submit two samples of gypsum board finished with proposed texture application, 12 by 12 inches in size, illustrating finish color and texture.¶

1. Air Pressure Within Shaft: Sustained loads of 5 lbf/sq ft with maximum mid-span deflection of L/240.
 2. Acoustic Attenuation: STC of 35-39 calculated in accordance with ASTM E413, based on tests conducted in accordance with ASTM E90.
- C. Shaft Walls at Elevator Shafts: Provide completed assemblies with the following characteristics:
1. Air Pressure Within Shaft: Intermittent loads of 5 lbf/sq ft with maximum mid-span deflection of L/240.
 2. Acoustic Attenuation: STC of 35-39 calculated in accordance with ASTM E413, based on tests conducted in accordance with ASTM E90.

2.02 METAL FRAMING MATERIALS

- A. Non-Loadbearing Framing System Components: ASTM C645; galvanized sheet steel, of size and properties necessary to comply with ASTM C754 for the spacing indicated, with maximum deflection of wall framing of L/240 at 5 psf.
1. Exception: The minimum metal thickness and section properties requirements of ASTM C 645 are waived provided steel of 40 ksi minimum yield strength is used, the metal is continuously dimpled, the effective thickness is at least twice the base metal thickness, and maximum stud heights are determined by testing in accordance with ASTM E 72 using assemblies specified by ASTM C 754.
 - a. Acceptable Products:
 - 1) Dietrich Metal Framing UltraSteel (tm): www.dietrichindustries.com.
 - 2) Clark Western Building Systems UltraSteel (tm): www.clarkwestern.com.
 2. Studs: "C" shaped with flat or formed webs with knurled faces; minimum 14 gage at wall-hung toilets, wall-hung urinals, and [where](#) door jambs [anchor to studs](#); minimum 20 gage at acoustical walls.
 3. Runners: U shaped, sized to match studs.
 4. Z-Furring: Profiles as indicated on Drawings.
 5. Furring: Hat-shaped sections, minimum depth of 7/8 inch.
 6. Resilient Furring Channel and Clip System:
 - a. Products:
 - 1) RSIC-1 by Pac International: www.pac-intl.com.
 - 2) GenieClip by Pliteq Inc: www.pliteq.com.
 - 3) IsoMax by Kinetics Noise Control: www.kineticsnoise.com.
 - 4) Substitutions: See Section 01 60 00 - Product Requirements.
 7. Sheet Metal Backing: 0.036 inch galvanized steel sheet for supporting wall supported items.

B. Loadbearing Studs for Application of Gypsum Board: As specified in Section 05 40 00.

C. Shaft Wall Studs and Accessories: ASTM C645; galvanized sheet steel, of size and properties necessary to comply with ASTM C754 and specified performance requirements.

D. Partition Head To Structure Connections: Provide track fastened to structure with legs of sufficient length to accommodate deflection, for friction fit of studs cut short and fastened as indicated on drawings.

2.03 BOARD MATERIALS

- A. Gypsum Wallboard: Paper-faced gypsum panels as defined in ASTM C1396/C1396M; sizes to minimize joints in place; ends square cut.
1. Application: Use for vertical surfaces and ceilings, unless otherwise indicated.
 2. Thickness:
 - a. Vertical Surfaces: 5/8 inch.
- B. Impact-Resistant Wallboard:
1. Application: [At exposed portion of walls in](#) All public hallways and corridors [including contiguous spaces not separated by doors](#).
 2. Surface Abrasion: Level 3, minimum, when tested in accordance with ASTM C1629.

GYPSUM BOARD ASSEMBLIES - 09 21 16

3. Surface Indentation: Level 1, minimum, when tested in accordance with ASTM C1629/C1629M.
 4. Soft-body Impact: Level 3 when tested in accordance with ASTM C1629/C1629M.
 5. Hard-body Impact: Level 2, minimum, when tested in accordance with ASTM C1629/C1629M.
 6. Mold Resistance: Score of 10, when tested in accordance with ASTM D3273.
 7. Type: Fire-resistance rated Type X, UL or WH listed.
 8. Thickness: 5/8 inch.
 9. Edges: Tapered.
 10. Products:
 - a. American Gypsum; M-Bloc IR Type X.
 - b. Georgia-Pacific Gypsum; DensArmor Plus Impact-Resistant.
 - c. Hi-Impact XP Gypsum Board by National Gypsum: www.nationalgypsum.com.
 - d. Substitutions: See Section 01 60 00 - Product Requirements.
- C. Ceiling Board: Special sag-resistant gypsum ceiling board as defined in ASTM C1396/C1396M; sizes to minimize joints in place; ends square cut.
1. Application: Ceilings, unless otherwise indicated.
 2. Thickness: 5/8 inch.
 3. Edges: Tapered.
- D. Water-Resistant Gypsum Backing Board: ASTM C 1396/C 1396M; ends square cut.
1. Application: Vertical surfaces behind thinset tile, except in wet areas. Backing at wet areas specified in Section 09 30 00.
 2. Core Type: Type X, as indicated.
 3. Thickness: 5/8 inch.
 4. Edges: Tapered.
- E. Exterior Sheathing Board: Sizes to minimize joints in place; ends square cut.
1. Application: Exterior sheathing, unless otherwise indicated.
 2. Glass Mat Faced Sheathing: Glass mat faced gypsum substrate as defined in ASTM C1177/C1177M.
 3. Core Type: Type X, as indicated.
 4. Type X Thickness: 5/8 inch.
 5. Edges: Square, for vertical application.
 6. Glass Mat Faced Products:
 - a. Georgia-Pacific Gypsum; DensGlass Fireguard Sheathing.
 - b. Substitutions: See Section 01 60 00 - Product Requirements.
- F. Exterior Soffit Board: Exterior gypsum soffit board as defined in ASTM C1396/C1396M; sizes to minimize joints in place; ends square cut.
1. Application: Ceilings and soffits in protected exterior areas, unless otherwise indicated.
 2. Types: Type X, in all locations.
 3. Type X Thickness: 5/8 inch.
 4. Edges: Tapered.
 5. Products:
 - a. Georgia-Pacific Gypsum; ToughRock Fireguard C Soffit Board.
 - b. Substitutions: See Section 01 60 00 - Product Requirements.
- G. Gypsum Shaftwall or Coreboard: ASTM C 1396/C 1396M; Type X core; sizes to minimize joints in place; 1 inch thick; square, tongue and groove, or double beveled edges, ends square cut.

2.04 ACCESSORIES

- A. "F" Reveal Molding: Extruded aluminum, 1/2 inch wide.
1. FDM-625-50 by Fry Reglet Corporation: www.fryreglet.com.
 2. Substitutions: Section 01 60 00 - Product Requirements.
- B. Exterior Soffit Vent: Extruded aluminum, 5/5 inch depth; 3 inch wide vent strip.
1. DCS-625-V-300 by Fry Reglet Corporation: www.fryreglet.com.

- 2. Substitutions: Section 01 60 00 - Product Requirements.
- C. Insulation at Fire-Rated Ceilings: Mineral wool Insulation, 1-1/2 inch thick or as indicated on Drawings.
- D. Acoustic Insulation: ASTM C 665; preformed glass fiber, friction fit type, unfaced. Thickness: 4 and 5 inch. 1.5 - 3.0 lb density.
- E. Acoustic Sealant: As specified in Section 07 90 05.
- F. Gasket Tape: Closed-cell neoprene gasket tape, 1/4 and 3/4 inch thicknesses.
- G. Finishing Accessories: ASTM C1047, galvanized steel or rolled zinc, unless otherwise indicated.
 - 1. Types: Corner, casing, control, "v" joints, or as indicated or needed for finished appearance.
- H. Joint Materials: ASTM C475 and as recommended by gypsum board manufacturer for project conditions.
 - 1. Tape: 2 inch wide, coated glass fiber tape for joints and corners.
 - 2. Ready-mixed vinyl-based joint compound.
- J. Screws for Attachment to Steel Members Less Than 0.03 inch In Thickness, to Wood Members, and to Gypsum Board: ASTM C1002; self-piercing tapping type; cadmium-plated for exterior locations.
- K. Screws for Attachment to Steel Members From 0.033 to 0.112 inch in Thickness: ASTM C954; steel drill screws for application of gypsum board to loadbearing steel studs.
- L. Screws: ASTM C 954; steel drill screws for application of gypsum board to loadbearing steel studs.
- M. Anchorage to Substrate: Tie wire, nails, screws, and other metal supports, of type and size to suit application; to rigidly secure materials in place.

Deleted: I. Textured Finish Materials: Latex-based compound; plain.¶
 1. . Texture: Orange peel.¶

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that project conditions are appropriate for work of this section to commence.

3.02 SHAFT WALL INSTALLATION

- A. Shaft Wall Framing: Install in accordance with manufacturer's installation instructions.
 - 1. Fasten runners to structure with short leg to finished side, using appropriate power-driven fasteners at not more than 24 inches on center.
 - 2. Install studs at spacing required to meet performance requirements.
- B. Shaft Wall Liner: Cut panels to accurate dimension and install sequentially between special friction studs.
 - 1. On walls over sixteen feet high, screw-attach studs to runners top and bottom.
 - 2. Seal perimeter of shaft wall and penetrations with acoustical sealant.

3.03 FRAMING INSTALLATION

- A. Metal Framing: Install in accordance with ASTM C754 and manufacturer's instructions.
- B. Studs: Space studs at 16 inches on center or as indicated on Drawings.
 - 1. Extend partition framing to structure where indicated and to ceiling in other locations.
 - 2. Partitions Terminating at Ceiling: Attach ceiling runner securely to ceiling track in accordance with manufacturer's instructions.
 - 3. Partitions Terminating at Structure: Attach extended leg top runner to structure, maintain clearance between top of studs and structure, and brace both flanges of studs with continuous bridging.
- C. Openings: Reinforce openings as required for weight of doors or operable panels, using not less than double studs at jambs.

- D. Acoustic Furring: Install resilient channel and clip system components in accordance with manufacturer's recommendations.
- E. Backing: Install sheet metal backing to support wall supported items; coordinate locations with specific items to be installed.

3.04 ACOUSTIC ACCESSORIES INSTALLATION

- A. Acoustic Insulation: Place tightly within spaces, around cut openings, behind and around electrical and mechanical items within partitions, and tight to items passing through partitions.
 1. Place in acoustical walls as indicated on Drawings; use 4 inch batts at 3-1/2 inch framing and 5 inch batts at 6 inch framing.
 2. Place in metal deck voids where partitions abut metal decking as indicated on Drawings.
- B. Acoustic Sealant: Install in accordance with manufacturer's instructions.
 1. Place two beads continuously on substrate before installation of perimeter framing members.
 2. Place continuous bead at perimeter of each layer of gypsum board.
 3. In non-fire-rated construction, seal around all penetrations by conduit, pipe, ducts, and rough-in boxes.
 4. Apply beads at metal closure plates where walls terminate at metal roof and floor decking.
 5. Apply also as indicated on Drawings.

Deleted: thickness as indicated

3.05 BOARD INSTALLATION

- A. Comply with ASTM C 840 and manufacturer's instructions. Install to minimize butt end joints, especially in highly visible locations.
- B. Fire-Rated Construction: Install gypsum board in strict compliance with requirements of assembly listing.
- C. Exterior Sheathing: Comply with ASTM C1280. Install sheathing vertically, with edges butted tight and ends occurring over firm bearing.
 1. Comply with GA-253 and manufacturer's instructions.
 2. Secure with self-tapping non-corrosive screws.
- D. Exterior Soffits: Install exterior soffit board perpendicular to framing, with staggered end joints over framing members or other solid backing.
 1. Seal joints, cut edges, and holes with water-resistant sealant.
- E. Moisture Protection: Treat cut edges and holes in moisture resistant gypsum board and exterior gypsum soffit board with sealant.

3.06 INSTALLATION OF TRIM AND ACCESSORIES

- A. Control Joints: Place control joints consistent with lines of building spaces and as indicated.
- B. Corner Beads: Install at external corners, using longest practical lengths.
- C. Edge Trim: Install at locations where gypsum board abuts dissimilar materials and as indicated.
- D. Reveal Molding: Install as indicated.

3.07 JOINT TREATMENT

- A. Finish gypsum board in accordance with levels defined in ASTM C840, as follows:
 1. Level 5: Exterior gypsum soffits and interior ceilings to receive semi-gloss or gloss paint finish.
 2. Level 4: Walls and ceilings to receive paint finish or wall coverings, unless otherwise indicated.
 3. Level 2: In utility areas, behind cabinetry, and on backing board to receive tile finish.
 4. Level 1: Fire rated wall areas above finished ceilings, whether or not accessible in the completed construction.

GYP SUM BOARD ASSEMBLIES - 09 21 16

- B. Tape, fill, and sand exposed joints, edges, and corners to produce smooth surface ready to receive finishes.
 - 1. Feather coats of joint compound so that camber is maximum 1/32 inch.
- C. Where Level 5 finish is indicated, spray apply high build drywall surfacer over entire surface after joints have been properly treated; achieve a flat and tool mark-free finish.

3.09 TOLERANCES

- A. Maximum Variation of Finished Gypsum Board Surface from True Flatness: 1/8 inch in 10 feet in any direction.

Deleted: 3.08 TEXTURE FINISH¶
A. . Apply finish texture coating by means of spraying apparatus in accordance with manufacturer's instructions and to match approved sample.¶

END OF SECTION

SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Room signs.
- B. Labels at interior fire-rated walls.
- C. [Building identification signs.](#)

1.02 REFERENCE STANDARDS

- A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; current edition.
- B. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- C. ICC A117.1 - Accessible and Usable Buildings and Facilities; International Code Council; 2009 (ANSI).
- D. ATBCB ADAAG - Americans with Disabilities Act Accessibility Guidelines; 2004.
- E. [ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2012.](#)

1.03 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's printed product literature for each type of sign, indicating sign styles, font, foreground and background colors, locations, overall dimensions of each sign.
- C. Signage Schedule: Provide information sufficient to completely define each sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.
 - 1. When room numbers to appear on signs differ from those on the drawings, include the drawing room number on schedule.
 - 2. When content of signs is indicated to be determined later, request such information from Owner through Architect at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
 - 3. Submit for approval by Owner through Architect prior to fabrication.
- D. Samples: Submit two samples of each type of sign, of size similar to that required for project, illustrating sign style, font, and method of attachment.
- E. Selection Samples: Where colors are not specified, submit two sets of color selection charts or chips.
- F. Verification Samples: Submit samples showing colors specified.
- G. Manufacturer's Installation Instructions: Include installation templates and attachment devices.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Package signs as required to prevent damage before installation.

PART 2 PRODUCTS

2.01 SIGNAGE APPLICATIONS

- A. Accessibility Compliance: Signs are required to comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most comprehensive and specific requirements.

- B. Type 1: Acrylic Wall Sign: 1/8" thick white acrylic background with gray text; frameless square edges, polished smooth edge; Helvetica font.
1. Size: 14-1/2 inches high x 9 inches wide.
 2. Text: Room number and braille, 2 inches high.
 3. Name Slot: 2 inch high, removal type, clear plastic cover.
 4. Insert Slot: To accommodate 8-1/2 x 11 inch paper sheet, clear plastic cover.
 5. Locations: Classrooms, offices, work rooms, conference rooms; refer to Interior Elevations for specific locations.
- C. Type 2: Acrylic Wall Sign: 1/8" thick white acrylic background with gray text; frameless square edges, polished smooth edge; Helvetica font.
1. Size: 2 inches high x 9 inches wide.
 2. Text: Room number and braille, 2 inches high.
 3. Locations: Locations not listed in Type 1 and Type 3.
- D. Type 3: Acrylic Wall Sign: 1/8" thick white acrylic background with gray text; frameless square edges, polished smooth edge; Helvetica font.
1. Size: 9 x 9 inch square.
 2. Text and Graphic: "GIRLS", "BOYS", "UNISEX"; Braille; accessible wheelchair graphic.
 3. Locations: Toilet rooms and locker rooms.
- E. Fire-Rated Wall Labels:
1. Use self-adhering labels; 2 inch high polyester label with text not less than 1 inch high; water-proof; white background with black text.
 2. Apply to wall surface.
 3. Label Text: FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS.

F. Building Identification Signs: 1/4 inch steel plate; welded and ground smooth. Provide attachment hardware; prepare for powder-coated finished specified in Section 09 99 00; Helvetica font.

1. Size: As indicated on Drawings.
2. Text: Layout as indicated on Drawings.
3. Color: Custom, as selected.
4. Location: As indicated on Drawings.

2.02 ACCESSORIES

- A. Back Sheet at Glass Mounted Signs: Matching white acrylic sheet to match size and shape of sign at face of glass.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that substrate surfaces are ready to receive work.

3.02 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install neatly, with horizontal edges level.
- C. Locate signs where indicated:
1. Room Sign: Locate at the wall or glass relite next to the door or opening to each toilet room.
 2. Provide blank matching backing sheet on backside of glass mounted signs.
 3. If no location is indicated obtain Owner's instructions.
- D. Fire-Rated Wall Labels:
1. Locate labels above accessible finish ceilings at all fire-rated wall, fire barriers, fire partitions, smoke barriers, and smoke partitions.
 2. Install labels at spacing not to exceed 30 feet measured horizontally along wall or partition.

- E. Protect from damage until Substantial Completion; repair or replace damage items.

END OF SECTION

DRIVEN STEEL PIPE PILES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Steel pipe piles driven by both hammering and vibration.
 - 1. Drive piles in accordance with the Geotechnical Report to provide the required pile capacity.
 - 2. Piles shall be driven to bedrock using impact systems or by vibration method at the option of the Contractor.
 - 3. Drive and seat all piles into bedrock using an impact hammer. The final set of the piles (used to calculate pile capacity) shall be based on an impact hammer.
 - 4. "Driving Piles" refers to both installation by vibratory hammers and traditional methods using impact hammers. "Driving Piles" as used in this Section refers to both methods unless the context clearly refers to one method only.

1.02 SUBMITTALS

- A. At least two weeks prior to mobilization at the site, submit data fully describing all proposed pile installation equipment including hammers, rams, driving cushions, pile caps and cap blocks to Engineer.
- B. Provide certification of yield strength and weldability of steel products by process acceptable to Engineer; mill certificates of chemical and physical properties, or equivalent.
- C. Installation Records:
 - 1. Prepare and submit to the Architect full-length installation records for each pile installed. The records shall be submitted within 2 days after installation is completed for the pile. The records shall include the following minimum information:
 - a. Project name and number.
 - b. Name of Contractor.
 - c. Pile location in pile group and designation of pile group.
 - d. Sequence of driving in pile group.
 - e. Pile dimensions.
 - f. Ground elevation.
 - g. Elevation of tip after driving.
 - h. Final tip and cutoff elevations of pile after driving pile group.
 - i. Records of re-driving.
 - j. Elevation of splices.
 - k. Type, make, model, and rated energy of hammer.
 - l. Weight and stroke of hammer.
 - m. Type of pile-driving cap used.
 - n. Cushion material and thickness.
 - o. Actual stroke and blow rate of hammer.
 - p. Pile-driving start and finish time; and total driving time.
 - q. Time, pile-tip elevation, and reason for interruptions.
 - r. Record of number of blows for each 12 inches of penetration, and number of blows per 1 inch for the last 6 inches of driving.
 - s. Pile deviations from location and plumb.
 - t. Record any special procedures used or occurrences during pile driving.
- D. Welding Certificates: Copies of certificates for welding procedures and personnel.
- E. Qualification Data: For firms and persons specified in "Quality Assurance" Article to demonstrate their capabilities and experience. Include lists of seven (minimum) completed projects within the last five years with project names and addresses, names and addresses of architects and owners, and other information specified.

- F. Mill test reports signed by manufacturer certifying that each of the following complies with requirements:
 - 1. Steel pipe piles.
 - 2. Steel castings.
 - 3. Steel plate.
- G. Pile-Driving Equipment: Include type, make, maximum rated energy, and rated energy per blow of hammer; weight of striking part of hammer; weight of drive cap; details, type, and structural properties of hammer cushion; and details of follower and jetting equipment.

1.03 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who has specialized in installing piling similar in material, design, and extent to that indicated for this Project.
- B. Survey Work: Surveys, layouts, and measurements related to pile driving shall be prepared by a surveyor or professional engineer who is legally qualified in jurisdiction where Project is located to perform these kinds of services.
- C. Professional Engineer Qualifications: A professional engineer who is legally qualified to practice in the State of Oregon and who is experienced in providing engineering services for piles that are similar to those indicated for this Project in material, design, and extent.
- D. Testing Agency Qualifications: An independent testing agency, acceptable to authorities having jurisdiction, qualified according to ASTM E 329 to conduct the testing indicated, as documented according to ASTM E 548.
- E. Comply with requirements of the following publications:
 - 1. AISC's "Load and Resistance Factor Design (LRFD) Specification for Structural Steel Buildings."
 - 2. AISC's "Specification for Structural Steel Buildings--Allowable Stress Design and Plastic Design."
- F. Welding Standards: Qualify welding procedures and personnel according to AWS D1.1, "Structural Welding Code--Steel."

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to the project site in such quantities and at such times to assure the continuity of pile driving operations to the project schedule.
- B. Store piles in orderly groups above ground and blocked during storage to minimize possible distortion of members. Piles exhibiting variations beyond tolerance limits will be considered distorted and may not be used in the work.

1.05 PROJECT CONDITIONS

- A. Protect structures, underground utilities and other construction from damage caused by pile driving operations. Pre-excavate for piles as required and as specified.

PART 2 PRODUCTS

2.01 STEEL PIPE PILES

- A. Steel Piling: Provide Corrosion Resistant or Non-corrosion Resistant Steel Piling as follows:
 - 1. Corrosion Resistant Steel Piling: Reference General Structural Notes.
 - a. Provide painted, ASTM A123 galvanized or ASTM A950 epoxy coated.
 - b. Paint, galvanization and epoxy not required at head of piling where embedded in pile caps.
 - 2. Non-corrosion Resistant Steel Piling: Reference General Structural Notes and provide wall thickness 1/8" greater than specified.
 - a. Provide plain.

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DRIVEN STEEL PIPE PILES – 31 62 16 19

- B. Fabrication: Provide splice plates, pile cap plates of the same steel as piling. Fasten to piles with welded connections as shown on drawings.
 - 1. Piles: Open ended.

2.02 PAINT

- A. Paint: SSPC-Paint 16; self-priming, two-component, coal-tar epoxy polyamide.
 - 1. Color: Black or red.

2.03 DRIVING EQUIPMENT

- A. General: Furnish pile driving equipment of a type generally used in standard pile driving practice, operate equipment at manufacturer's specified rate to develop the required rated energy. Drop hammers will not be allowed.
- B. Equipment:
 - 1. Provide equipment of adequate size and capacity to handle, place and hold the piles to the designed alignment. This equipment shall be able to maintain the alignment of pile with driving equipment, without damage to either.
 - 2. Maintain all pile driving equipment in safe operating condition at all times.
 - 3. Driving equipment shall be in good repair and operating condition and shall be capable of being operated as recommended by the manufacturer.
 - 4. Any equipment or methods which result in regular or repeated damage to the piles during driving, or is detrimental to the bearing capacity of piling already driven, will be rejected by the Engineer.
 - 5. Impact hammers shall be steam, air, or diesel driven that develop a rated energy of at least 5,000 ft-lbs per blow and no more than 17,000 ft-lbs per blow or as required to achieve the required pile tip penetration without overstressing the pile. Contractor is responsible for selecting driving equipment that will not cause damage to the piling or adjacent structures during driving.
 - 6. Vibratory hammers (if used) shall be of sufficient size and energy to install piles to the bedrock surface.
- C. Driving Caps: Provide driving caps capable of protecting pile head and providing uniform distribution of energy to pile head.
- D. Leads: Use fixed rigid type pile driver leads that will hold the pile firmly in position and alignment, and in axial alignment with the driving equipment. Free-swinging leads will not be permitted. Extend leads to within 2 feet of the elevation at which the pile enters the ground.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine areas and conditions under which piles are to be installed, and correct conditions detrimental to the proper and timely completion of the work. Proceed with work only after unsatisfactory conditions have been corrected in a manner acceptable to the installer.

3.02 PRE-DRIVING WORK

- A. Site Conditions: Do not drive piles until the earthwork in the area which piles are to occupy has been completed, as follows:
 - 1. Excavations: Earth excavation will be stopped at an elevation of 6 inches to 12 inches above the bottom of the footing before piles are driven. Final excavation of the required elevation of footing bottoms will be done as part of the earthwork, after the piles have been driven.
 - 2. Fills: Fills will be constructed and compacted to the elevation of the grade indicated.
 - 3. Mobility of the Contractor's equipment in the excavation is the Contractor's responsibility.

DRIVEN STEEL PIPE PILES – 31 62 16 19

- B. Pile Length Markings: Mark each pile with horizontal lines at 1'-0" intervals, and the number of feet from pile point at 5'-0" intervals. In order to be able to measure the driving resistance, mark the last 60 inches at one-inch intervals.
- C. Welding:
 - 1. Perform manual arc-welding using shielded metal arc or submerged arc method, complying with AWS Standards and requirements of the City.
 - 2. Use oxygen-gas or oxygen arc methods for field cutting of steel, complying with AWS recommendations.
- D. Welded Splices: Clean surfaces to be welded of rust, scale, oil, paint, and foreign material. Use only pile members with identical cross-sections for splicing.
 - 1. Only one splice per pile will be permitted, unless otherwise authorized by the Engineer. Make splices before starting driving operations wherever possible. If a welded splice is required during driving operation, make splice when top of drive pile portion is at least 3'-0" above ground, to permit inspection of welded connection during welding and during subsequent driving.
 - 2. Splices shall be 100% butt welded, producing straight pile alignment through splice and developing full strength of pile in both bearing and bending.

3.03 DRIVING PILES

- A. General:
 - 1. Drive each pile at the locations indicated, to satisfactory embedment and driving resistance directed by the Geotechnical Engineer.
 - a. Pile Lengths: Conform to recommendations of Geotechnical Report as stated on Drawings to provide piles of sufficient length to embed into bedrock and develop the capacity indicated on the Drawings.
 - b. Engineer reserves the right to modify driving criteria depending on the equipment used, field conditions encountered and observations made during pile installation.
 - 2. Carefully maintain the center of gravity for each group or cluster of piles to conform to the locations shown on the drawings.
 - 3. Carefully plumb the leads and the pile before driving. Take care during driving to prevent and to correct any tendency of piles to twist or rotate.
 - 4. Avoid excessive driving as established by the Geotechnical Engineer.
- B. Driving Tolerances: Drive piles within the following maximum tolerances:
 - 1. Location: 3 inches from location indicated for center of gravity of each single pile or pile groups; 2 inches for piles under walls.
 - 2. Plumbness: Maintain 1 inch in 10'-0" from the vertical, or a maximum of 4 inches, measured when the pile is above ground, in the leads.
 - 3. Batter Angle: Maximum 1 inch in 10 feet from required angle, measured when pile is above ground in leads.
- C. Heaved Piles: Compile recorded instrument observations made during pile driving to determine whether a driven pile has lifted from its original seat during the driving of adjacent piles. If uplift occurs, redrive the affected piles to a point elevation at least as deep as the original point elevation with a driving resistance at least as great as the original driving resistance.
- D. Damaged or Misdriven Piles:
 - 1. Damaged piles, and piles driven outside the required driving tolerances, will not be accepted.
 - 2. Withdraw piles rejected after driving, and replace with new piles.
 - 3. Drive additional pile or piles where the centerline deviation exceeds 3 inches and an analytical determination indicates a load on any pile exceeding 110% of the design load. Modify to suit project or choose 4 or 5.
 - 4. Fill holes left by withdrawn piles that will not be filled by new piles using flowable cementitious fill.

- E. Cutting-Off:
 - 1. Cut-off tops of driven piles, square with pile axis and at elevations indicated.
- F. Pile Caps: After pile is cut-off, weld steel plates in place, square and level on top of pile as shown on the structural drawings. Provide steel reinforcing on top of piles as shown on the structural drawings.

3.04 FIELD QUALITY CONTROL

- A. Install a minimum of four indicator piles as directed by the Geotechnical Engineer, in order to verify design pile lengths.
- B. Indicator piles, furnished and driven by Contractor to determine lengths of piles, may become part of foundation system provided they conform to the contract requirements.
- C. Driving Indicator Piles:
 - 1. Use piles of the same diameters and lengths as those to be used in the work and drive with the appropriate pile driving equipment operating at the rated driving energy proposed to be used for the balance of the work.
 - 2. Drive indicator piles at locations selected by the Geotechnical Engineer to the specified driving resistance and capacity.
- D. Survey: Employ independent Professional Land Surveyor or Registered Civil Engineer to make field survey of completed piling. Show actual pile locations with respect to planned pile locations; and plumbness.
- E. Weld Testing: In addition to visual inspection, welds will be inspected and tested according to AWS D1.1 and the inspection procedures listed below, at testing agency's option. Correct deficiencies in and retest welds to determine compliance with requirements.
 - 1. Liquid Penetrant Inspection: ASTM E 165.
 - 2. Magnetic Particle Inspection: ASTM E 709; performed on root pass and on finished weld. Cracks or zones of incomplete fusion or penetration will not be accepted.
 - 3. Radiographic Inspection: ASTM E 94 and ASTM E 142; minimum quality level "2-2T."
 - 4. Ultrasonic Inspection: ASTM E 164.

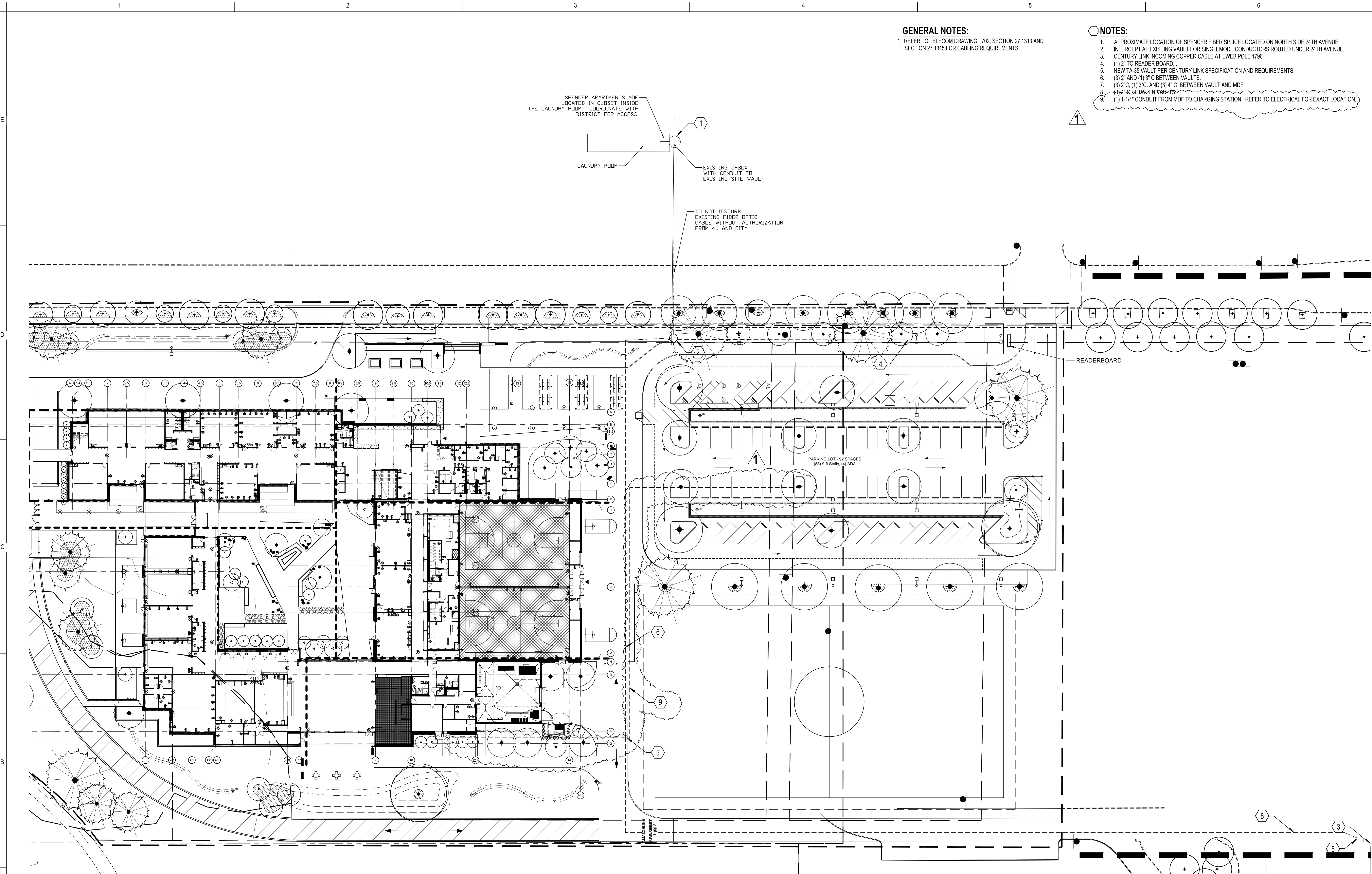
3.05 TOUCHUP PAINTING

- A. Clean field welds, splices, and abraded painted areas and field-apply paint according to SSPC-PA 1. Use same paint and apply same number of coats as specified for shop painting.
 - 1. Apply touchup paint before driving piles to surfaces that will be immersed or inaccessible after driving.

3.06 DISPOSAL

- A. Remove withdrawn piles and cutoff sections of piles from site and legally dispose of them off Owner's property.

END OF SECTION



GENERAL NOTES:

1. REFER TO TELECOM DRAWING T702, SECTION 27 1313 AND SECTION 27 1315 FOR CABLING REQUIREMENTS.

NOTES:

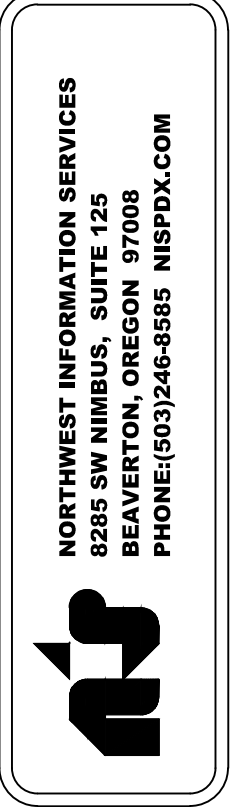
1. APPROXIMATE LOCATION OF SPENCER FIBER SPLICE LOCATED ON NORTH SIDE 24TH AVENUE.
2. INTERCEPT AT EXISTING VAULT FOR SINGLEMODE CONDUCTORS ROUTED UNDER 24TH AVENUE.
3. CENTURY LINK INCOMING COPPER CABLE AT EWEB POLE 1796.
4. (1) 2" TO READER BOARD.
5. NEW TA-SS VAULT PER CENTURY LINK SPECIFICATION AND REQUIREMENTS.
6. (3) 2" AND (1) 3" C BETWEEN VAULTS.
7. (3) 2" C, (1) 3" C, AND (3) 4" C BETWEEN VAULT AND MDF.
8. (3) 4" C BETWEEN VAULTS.
- (1) 1-1/4" CONDUIT FROM MDF TO CHARGING STATION. REFER TO ELECTRICAL FOR EXACT LOCATION.

1 SITE PLAN - TELECOMMUNICATIONS
1" = 32'-0"



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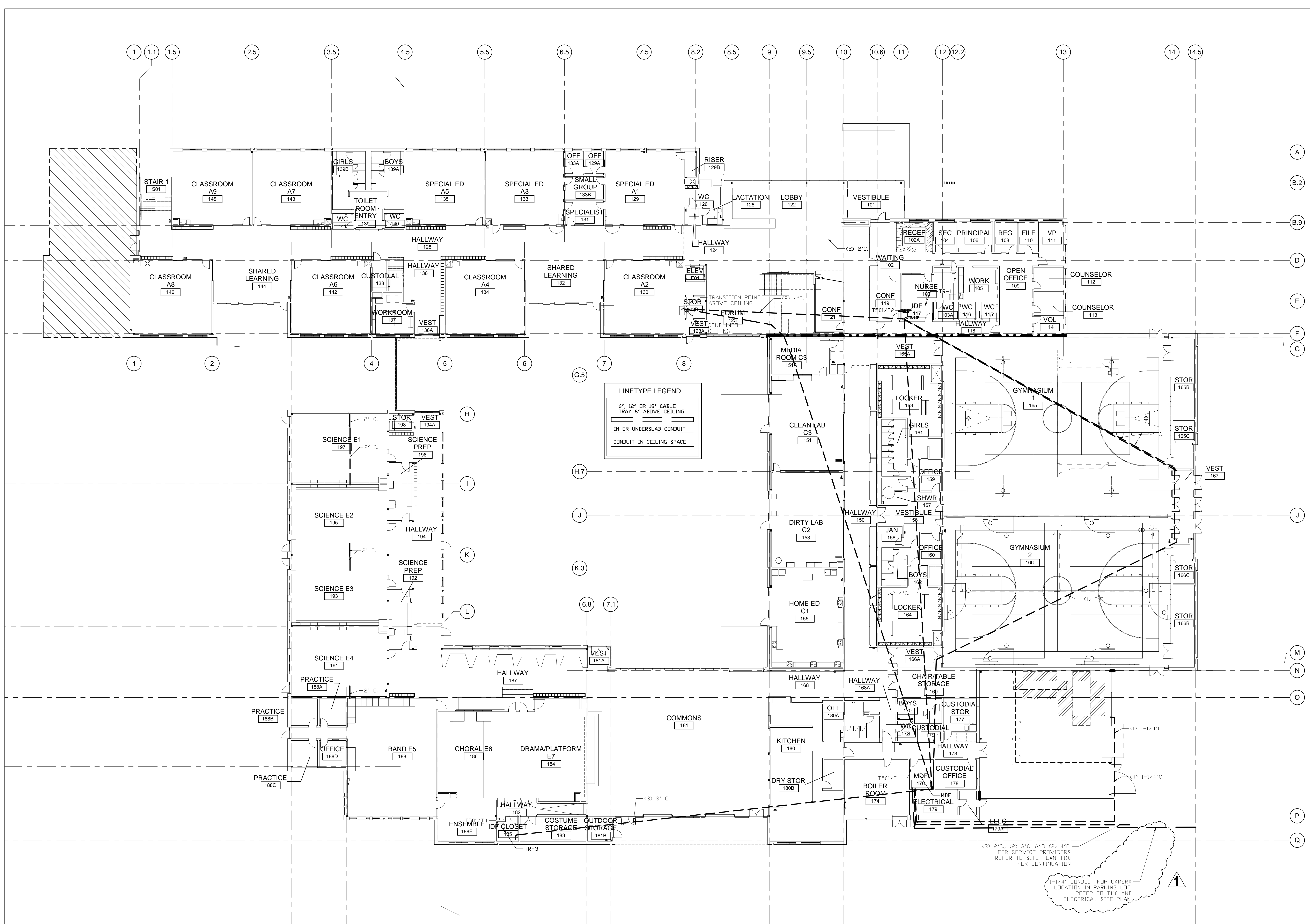
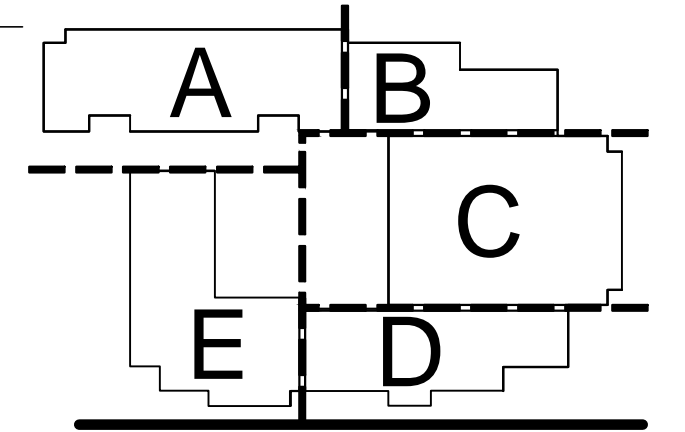
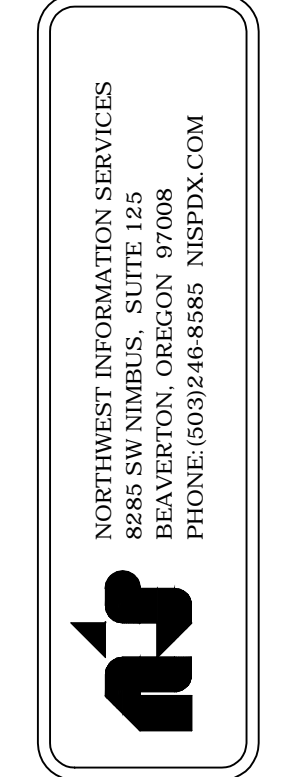
EUGENE SCHOOL DISTRICT 4J



REPLACEMENT ROOSEVELT MIDDLE SCHOOL
680 EAST 24TH AVENUE
EUGENE, OREGON 97405

| MARK | DATE | DESCRIPTION |
|--|-----------|-------------|
| 1 | 3-11-2015 | ADDENDA 5 |
| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
| VOLUME: PACKAGE 1 VOLUME 1 | | |
| PROJECT NO.: 2013912.00 | | |
| DRAWN BY: DDH | | |
| CHECKED BY: DRF | | |
| COPYRIGHT MAHLUM ARCHITECTS, INC. 2015 ORIGINAL SHEET SIZE: 30x42" | | |

SITE PLAN - TELECOM



LINETYPE LEGEND

6", 12" OR 18" CABLE TRAY 6" ABOVE CEILING

IN OR UNDERSLAB CONDUIT

CONDUIT IN CEILING SPACE

(3) 2" C., (2) 3" C. AND (2) 4" C. FOR SERVICE PROVIDERS REFER TO SITE PLAN T10 FOR CONTINUATION

1-1/4" CONDUIT FOR CAMERA LOCATION IN PARKING LOT. REFER TO T10 AND ELECTRICAL SITE PLAN

T1 UNDERSLAB 1ST FLOOR PLAN OVERALL
1/16" = 1'-0"

SHEET NOTES:

1. UNDERSLAB RACEWAY SYSTEMS ARE SHOWN ON THIS SHEET.
2. REFER TO SHEET A-601 FOR DISTRICT ROOM NUMBERS.
3. ALL IN SLAB OR UNDERSLAB RACEWAY 2" OR LARGER SHALL RECEIVE MAXCELL FABRIC INNERDUCT. REFER TO SPECIFICATIONS FOR REQUIREMENTS

| MARK | DATE | DESCRIPTION |
|--|-----------|-------------|
| 1 | 3-11-2015 | ADDENDUM 5 |
| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
| VOLUME: PACKAGE 1 VOLUME 1 | | |
| PROJECT NO.: 2013912.00 | | |
| DRAWN BY: DDH | | |
| CHECKED BY: GES | | |
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UNDERSLAB 1ST FLOOR PLAN - OVERALL

PLAN GENERAL NOTES

- A. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO ANY WORK.
- B. UNLESS OTHERWISE NOTED, PLAN DIMENSIONS SHOWN ARE:
- AT INTERIOR PARTITIONS: TO THE FACE OF STUD
- AT COLUMNS: TO THE CENTERLINE OF COLUMNS; IF WALL AT COLUMN CENTER WALL ON COLUMN
- AT CONCRETE: TO THE FACE OF CONCRETE
- AT EXTERIOR WALLS: TO THE FACE OF STUD (TO THE EDGE OF SLAB) (TO THE FACE OF FOUNDATION WALL)
- CMU WALLS ARE CENTERED ON GRID & DIMENSIONED TO INDICATE FULL BLOCK CLR = CLEAR DIMENSIONS ARE TO FACE OF FINISHED MATERIAL
FOR WALLS AT GRIDLINES, CENTERLINE OF STUDS ARE AT CENTERLINE OF GRID / COLUMN UNLESS DIMENSIONED OTHERWISE.
- C. REFER TO ENLARGED PLANS OR DETAILS FOR ANY DIMENSIONS NOT INDICATED ON THESE PLANS.
- D. EXTERIOR DOOR AND WINDOW OPENING DIMENSIONS ARE TO FOM OR FACE OF STUD FRAMING (EDGE OF OPENING - NOT INCLUDING SEALANT JOINTS) UNLESS OTHERWISE NOTED.
- E. PROVIDE BACKING AS REQUIRED TO SUPPORT WALL AND CEILING MOUNTED CASEWORK, GRAB BARS, HANDRAILS, MIRRORS, EQUIPMENT AND OTHER ACCESSORIES THAT REQUIRE SUPPORT. VERIFY LOCATIONS PRIOR TO INSTALLATION OF GYPSUM BOARD. COORDINATE REQUIREMENTS FOR INCREASED STUD SIZES.
- F. SEE SHEET A-601 FOR EXTERIOR WALL ASSEMBLIES, A-602 FOR INTERIOR WALL ASSEMBLIES, AND A-603 FOR HORIZONTAL ASSEMBLIES.
- G. MULTIPLE LAYERS GWB WALLS TO HAVE MULTIPLE LAYERS ON SAME FACE AS WALL TAG UNLESS OTHERWISE NOTED. ALIGN FACE OF FINISHES AT ALL ADJACENT WALL TYPES U.N.O.
- H. CONTRACTOR TO VERIFY ALL INDICATED RECESS SLAB DEPTH WITH FINISH PRODUCT MANUFACTURER.
- I. ALL DOORS SHALL BE 6" FROM FACE OF STUD TO EDGE OF DOOR OPENING UNLESS OTHERWISE NOTED.
- J. SEE FINISH SCHEDULE FOR FLOOR FINISH INFORMATION.
- K. EXTERIOR STUD WALLS TO HAVE (1) LAYER OF GWB ON THE INTERIOR SIDE U.N.O.

- M. ASSEMBLIES FOR FIRE RATED WALLS AND COLUMNS SHALL EXTEND FROM STRUCTURAL FLOOR TO UNDERSIDE OF FLOOR DECK OR ROOF ABOVE, UNLESS SPECIFICALLY NOTED OTHERWISE. ALL OPENINGS AND JOINTS SHALL BE PROTECTED AS REQUIRED BY CODE.
- N. MAINTAIN FIRE RESISTANCE RATING FOR ALL CONSTRUCTION INDICATED AT THROUGH-WALL PENETRATIONS, BUILT-IN WALL FIXTURES, ACCESSORIES, AND BEHIND MAILBOXES, FIRE EXTINGUISHER CABINETS, PLUMBING FIXTURES, ELECTRIC PANELS AND SIMILAR ITEMS, IN COMPLIANCE WITH REQUIREMENTS OF APPLICABLE CODES. COORDINATE CONSTRUCTION OF FIRE-RATED ASSEMBLIES WITH DESIGNATED DESIGN NUMBER.
- O. COMPLETELY SEAL AROUND PENETRATIONS THROUGH ACoustICAL WALLS. FILL DEPTH OF GAPS AROUND CUT-OUTS FOR ELECTRICAL BOXES, PIPES AND PLUMBING, AND OTHER PENETRATIONS. PROVIDE INSULATION BETWEEN THE CONCEALED FACE OF FINISH MATERIALS (WITHIN THE STUD OR JOIST CAVITY) AND PIPES, PLUMBING, THE BACK OF BOXES, OR OTHER RECESSED FIXTURES.
- P. FRAME AND FINISH OPENINGS FOR MECHANICAL AND ELECTRICAL SYSTEMS AS REQUIRED BY MECHANICAL/ELECTRICAL DOCUMENTS.
- Q. COORDINATE WITH STRUCTURAL DRAWINGS FOR REQUIRED SHEARWALL SHEATHING. PROVIDE IN ADDITION TO COMPONENTS INDICATED ON WALL TYPE DETAILS AS REQUIRED.

KEYNOTES

| Key Value | Keynote Text |
|-----------|---|
| P03 | 05 51 33 SHIPS LADDER |
| P04 | 05 51 33 WALL LADDER WITH EXTENSIONS |
| P05 | 05 51 33 WALL LADDER NO EXTENSIONS |
| P10 | 08 33 28 OVERHEAD COILING GRILLS/ DEPLOYABLE EXIT DOORS |
| P12 | 10 51 00 HALLWAY LOCKERS |
| P14 | 10 22 26 33 SLIDING PANEL PARTITION |
| P42 | 05 04 REFRIGERATOR |

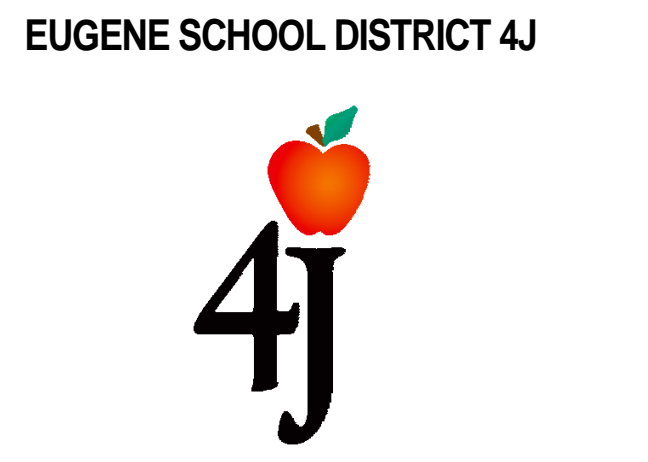
PLAN SYMBOL LEGEND

- NON RATED WALL
- 1-HOUR RATED WALL
- 2-HOUR RATED WALL
- 3-HOUR RATED WALL
- ROUGH OPENING
- MASONRY OPENING

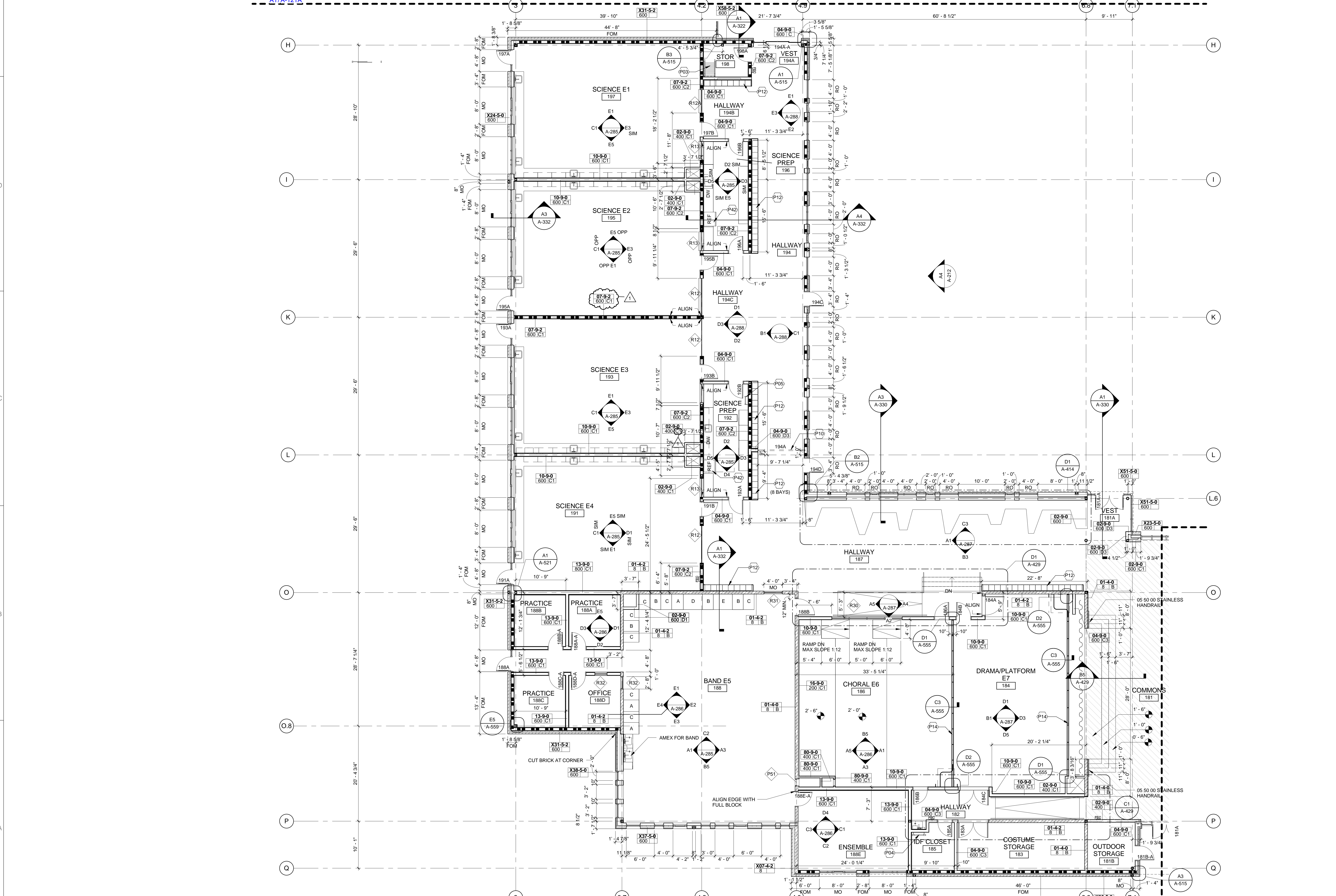
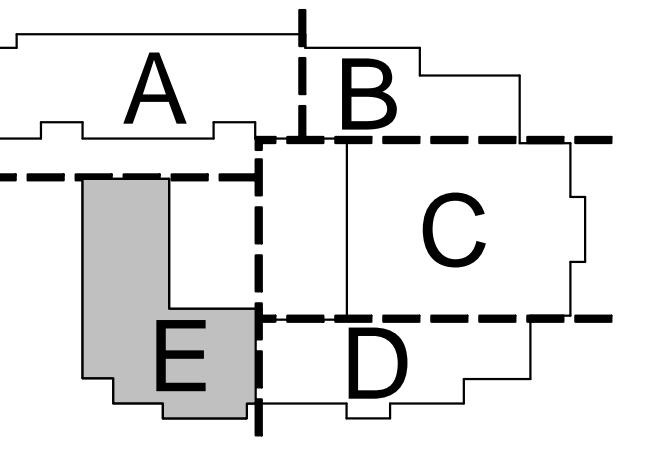
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 132 EAST BROADWAY, SUITE 540
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 541-342-8077
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 1231 NW HOYT, SUITE 102
 PORTLAND, OREGON 97209
 503-224-4032

71 COLUMBIA FLOOR 4
 SEATTLE, WASHINGTON 98104
 206-441-4151
 www.mahlum.com



REPLACEMENT ROOSEVELT MIDDLE SCHOOL
 CIP NUMBER 410.566.001
 680 EAST 24TH AVENUE
 EUGENE, OREGON 97405



A1 FIRST FLOOR PLAN - ZONE E
 1/8" = 1'-0"



| MARK | DATE | DESCRIPTION |
|---|-----------|-------------|
| 1 | 3-11-2015 | ADDENDUM 5 |
| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
| VOLUME: PACKAGE 2 VOLUME 1 | | |
| PROJECT NO: 2013912.00 | | |
| DRAWN BY: AC | | |
| CHECKED BY: DE | | |
| COPYRIGHT MAHLUM ARCHITECTS, INC. 2014 ORIGINAL SHEET SIZE: 30"X42" | | |
| FIRST FLOOR PLAN - ZONE E | | |

A-121E

PLAN GENERAL NOTES

- A. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO ANY WORK.
- B. UNLESS OTHERWISE NOTED, PLAN DIMENSIONS SHOWN ARE:
 -AT INTERIOR PARTITIONS: TO THE FACE OF STUD
 -AT COLUMNS: TO THE CENTERLINE OF COLUMNS, IF WALL AT COLUMN CENTER WALL ON COLUMN
 -AT CONCRETE: TO THE FACE OF CONCRETE
 -AT EXTERIOR WALLS: TO THE FACE OF STUD (TO THE EDGE OF SLAB) (TO THE FACE OF FOUNDATION WALL)
 -CMU WALLS ARE CENTERED ON GRID & DIMENSIONED TO INDICATE FULL BLOCK
 CLR = CLEAR DIMENSIONS ARE TO FACE OF FINISHED MATERIAL
 FOR WALLS AT GRIDLINES, CENTERLINE OF STUDS ARE AT CENTERLINE OF GRID / COLUMN UNLESS DIMENSIONED OTHERWISE.
- C. REFER TO ENLARGED PLANS OR DETAILS FOR ANY DIMENSIONS NOT INDICATED ON THESE PLANS.
- D. EXTERIOR DOOR AND WINDOW OPENING DIMENSIONS ARE TO FOM OR FACE OF STUD FRAMING (EDGE OF OPENING - NOT INCLUDING SEALANT JOINTS) UNLESS OTHERWISE NOTED.
- E. PROVIDE BACKING AS REQUIRED TO SUPPORT WALL AND CEILING MOUNTED CASEWORK, GRAB BARS, HANDRAILS, MIRRORS, EQUIPMENT AND OTHER ACCESSORIES THAT REQUIRE SUPPORT. VERIFY LOCATIONS PRIOR TO INSTALLATION OF GYPSUM BOARD. COORDINATE REQUIREMENTS FOR INCREASED STUD SIZES.
- F. SEE SHEET A-601 FOR EXTERIOR WALL ASSEMBLIES, A-602 FOR INTERIOR WALL ASSEMBLIES, AND A-603 FOR HORIZONTAL ASSEMBLIES.
- G. MULTIPLE LAYERS GWB WALLS TO HAVE MULTIPLE LAYERS ON SAME FACE AS WALL TAG UNLESS OTHERWISE NOTED. ALIGN FACE OF FINISHES AT ALL ADJACENT WALL TYPES U.N.O.
- H. CONTRACTOR TO VERIFY ALL INDICATED RECESS SLAB DEPTH WITH FINISH PRODUCT MANUFACTURER.
- I. ALL DOORS SHALL BE 6" FROM FACE OF STUD TO EDGE OF DOOR OPENING UNLESS OTHERWISE NOTED.
- J. SEE FINISH SCHEDULE FOR FLOOR FINISH INFORMATION.
- K. EXTERIOR STUD WALLS TO HAVE (1) LAYER OF GWB ON THE INTERIOR SIDE U.N.O.

- M. ASSEMBLIES FOR FIRE RATED WALLS AND COLUMNS SHALL EXTEND FROM STRUCTURAL FLOOR TO UNDERSIDE OF FLOOR DECK OR ROOF ABOVE, UNLESS SPECIFICALLY NOTED OTHERWISE. ALL OPENINGS AND JOINTS SHALL BE PROTECTED AS REQUIRED BY CODE.
- N. MAINTAIN FIRE RESISTANCE RATING FOR ALL CONSTRUCTION INDICATED AT THROUGH-WALL PENETRATIONS, BUILT-IN WALL FIXTURES, ACCESSORIES, AND BEHIND MAILBOXES, FIRE EXTINGUISHER CABINETS, PLUMBING FIXTURES, ELECTRIC PANELS AND SIMILAR ITEMS, IN COMPLIANCE WITH REQUIREMENTS OF APPLICABLE CODES. COORDINATE CONSTRUCTION OF FIRE-RATED ASSEMBLIES WITH DESIGNATED DESIGN NUMBER.
- O. COMPLETELY SEAL AROUND PENETRATIONS THROUGH ACOUSTICAL WALLS. FILL DEPTH OF GAPS AROUND CUT-OUTS FOR ELECTRICAL BOXES, PIPES AND PLUMBING, AND OTHER PENETRATIONS. PROVIDE INSULATION BETWEEN THE CONCEALED FACE OF FINISH MATERIALS (WITHIN THE STUD OR JOIST CAVITY) AND PIPES, PLUMBING, THE BACK OF BOXES, OR OTHER RECESSED FIXTURES.
- P. FRAME AND FINISH OPENINGS FOR MECHANICAL AND ELECTRICAL SYSTEMS AS REQUIRED BY MECHANICAL/ELECTRICAL DOCUMENTS.
- Q. COORDINATE WITH STRUCTURAL DRAWINGS FOR REQUIRED SHEARWALL SHEATHING. PROVIDE IN ADDITION TO COMPONENTS INDICATED ON WALL TYPE DETAILS AS REQUIRED.

KEYNOTES

| A- KEYNOTES FLOOR PLAN | |
|------------------------|---|
| Key Value | Keynote Text |
| P03 | 05 51 33 SHIPS LADDER |
| P05 | 05 51 33 WALL LADDER NO EXTENSIONS |
| P06 | 08 31 00 ACCESS PANEL |
| P33 | 05 52 13 PIPE AND TUBE RAILINGS |
| P57 | SURFACE MOUNT FIRE EXTINGUISHER BRACKET |

PLAN SYMBOL LEGEND

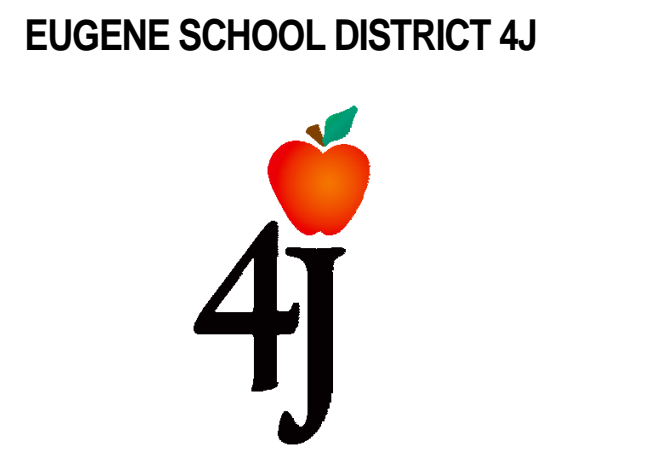
- NON RATED WALL
- 1-HOUR RATED WALL
- 2-HOUR RATED WALL
- 3-HOUR RATED WALL
- ROUGH OPENING
- MASONRY OPENING

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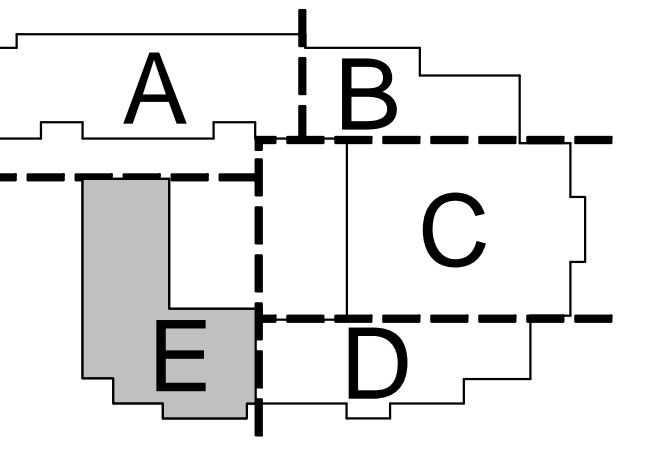
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 541-342-8077
 www.robertsonsherwood.com

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 1231 NW HOYT, SUITE 102
 PORTLAND, OREGON 97209
 503-224-4032

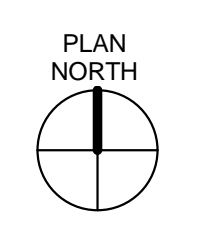
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 EUGENE, OREGON 97405



A1 MECHANICAL EQUIPMENT PLATFORM PLAN - ZONE E
 1/8" = 1'-0"



A-122E

| MARK | DATE | DESCRIPTION |
|---|-----------|-------------|
| 1 | 3-11-2015 | ADDENDUM 5 |
| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
| VOLUME: PACKAGE 2 VOLUME 1 | | |
| PROJECT NO.: 2013912.00 | | |
| DRAWN BY: AC | | |
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| COPYRIGHT MAHLUM ARCHITECTS, INC. 2014 ORIGINAL SHEET SIZE: 30"X42" | | |

MECHANICAL EQUIPMENT PLATFORM PLAN - ZONE E

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RCP GENERAL NOTES

- A. LIGHT FIXTURES AND ELECTRICAL EQUIPMENT SHOWN FOR LOCATION AND ORIENTATION ONLY. REFER TO ELECTRICAL DRAWINGS FOR QUANTITIES AND ALL ADDITIONAL INFORMATION.
- B. MECHANICAL DUCTS, DIFFUSERS AND GRILLES SHOWN FOR LOCATION ONLY. REFER TO MECHANICAL DRAWINGS FOR QUANTITIES AND ALL ADDITIONAL INFORMATION.
- C. ALL CEILING SUSPENSION SYSTEMS SHALL HAVE SEISMIC RESTRAINTS THAT COMPLY WITH APPLICABLE CODES AND ORDINANCES IN FORCE AT TIME OF CONSTRUCTION. CENTER ALL LIGHTS, EQUIPMENT, SIGNS ETC., U.N.O.
- D. CENTER ACOUSTICAL CEILING TILE IN ROOM U.N.O.
- E. ALL EXPOSED MECHANICAL AND STRUCTURAL IN GYM, SCIENCE AND MAKERS LAB CLASSROOMS AND ADJACENT MAKERS LAB CORRIDOR TO BE PAINTED PT-1.
- F.

KEYNOTES (01)

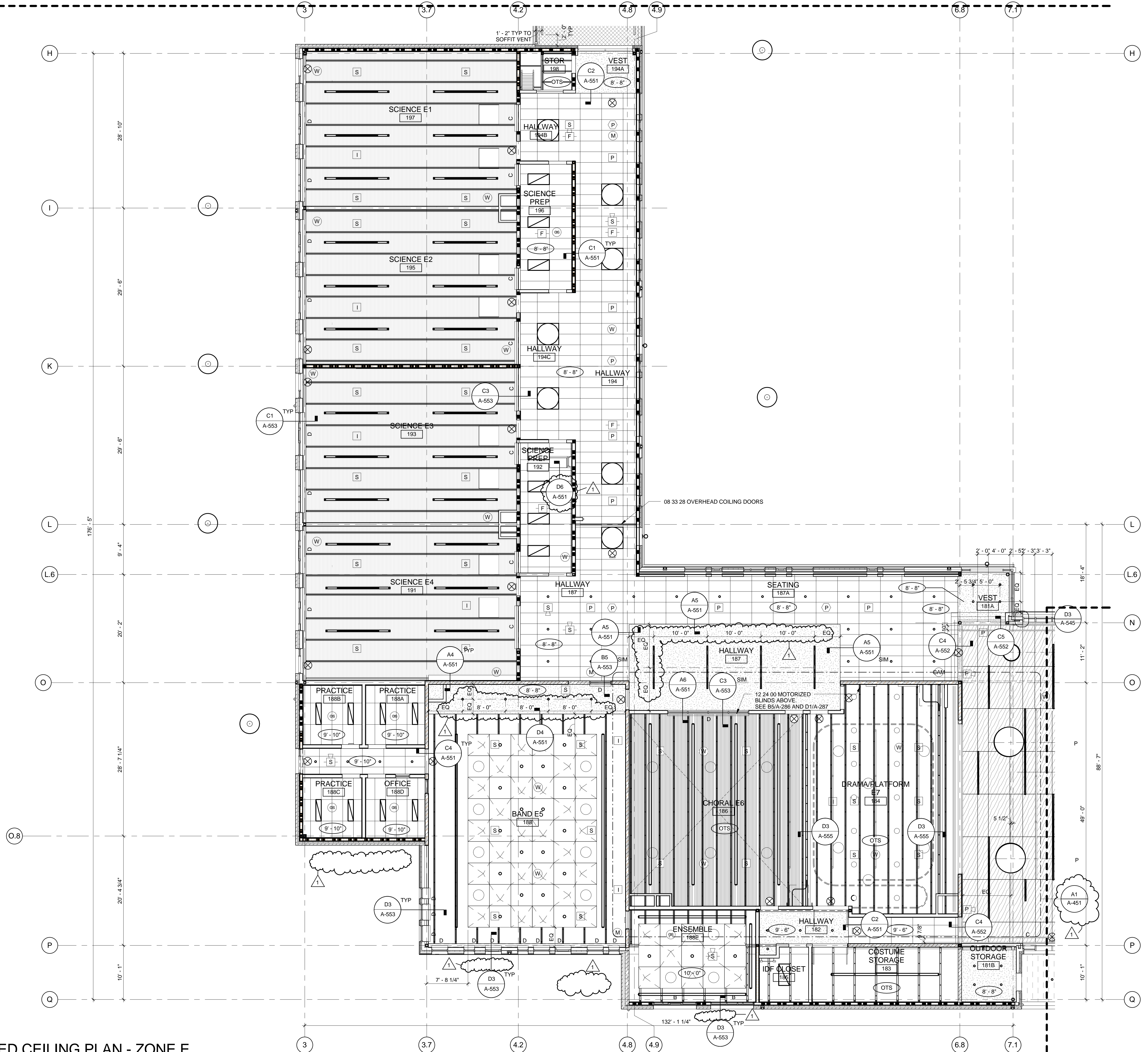
| Key Value | Keynote Text |
|-----------|--------------|
| A- | KEYNOTES RCP |

RCP MATERIAL LEGEND

| | | | |
|--|---|--|--|
| | 06 40 00 PLYWOOD CEILING PANEL | | 09 21 16 EXTIOR SOFFIT BOARD |
| | 09 51 00 2'X4' ACOUSTICAL CEILING TILE AP-1 | | 12 24 00 CEILING MOUNTED MOTORIZED SHADE CONTROLLED BY FRONT OFFICE FOR SECURITY |
| | 09 51 00 2'X4' VINYL ACOUSTICAL CEILING TILE AP-2 | | 12 24 00 CEILING MOUNTED MOTORIZED SHADE CONTROLLED WITHIN ROOM & AT FRONT OFFICE FOR SECURITY |
| | 09 51 00 ACOUSTIC FOAM PANEL AP-3 | | 12 24 00 WALL MOTORIZED SHADE CONTROLLED WITHIN ROOM & AT FRONT OFFICE FOR SECURITY |
| | 09 21 16 GYPSUM BOARD | | 12 24 00 WALL MOUNTED MOTORIZED SHADE CONTROLLED WITHIN ROOM & AT FRONT OFFICE FOR SECURITY |
| | 09 90 00 PT-1 | | |
| | 09 21 18 GYPSUM BOARD | | |
| | 09 90 00 EPT-1 | | |
| | 09 21 18 GYPSUM BOARD | | |
| | 09 90 00 EPT-2 | | |
| | 03 30 00 CONCRETE | | |

RCP SYMBOL LEGEND

| | | | | | | | | | |
|--|-------------------------|--|----------------------------------|--|---|--|-------------------------|--|-------------------------|
| | CAMERA | | CEILING MOUNTED PAGING SPEAKER | | EXTENT OF SOFFIT VENT. SEE SOFFIT DETAILS | | 08 62 00 UNIT SKYLIGHTS | | DIV 26 LIGHTING FIXTURE |
| | OCCUPANCY SENSOR | | WALL MOUNTED PAGING SPEAKER | | ACCESS PANEL SEE PLAN FOR LOCATION AND SIZE | | DIV 26 LIGHTING FIXTURE | | DIV 26 LIGHTING FIXTURE |
| | PHOTO ELECTRONIC SENSOR | | FIRE DETECTOR | | RETURN - CEILING DIFFUSERS & GRILLES | | DIV 26 LIGHTING FIXTURE | | DIV 26 LIGHTING FIXTURE |
| | MOTION SENSOR | | STROBE | | EXHAUST - CEILING DIFFUSERS & GRILLES | | DIV 26 LIGHTING FIXTURE | | DIV 26 LIGHTING FIXTURE |
| | WIRELESS ACCESS POINT | | FIRE ALARM | | SUPPLY - CEILING DIFFUSERS & GRILLES | | DIV 26 LIGHTING FIXTURE | | DIV 26 LIGHTING FIXTURE |
| | SPEAKER | | EXIT SIGN | | ACCESS PANEL SEE PLAN FOR LOCATION AND SIZE | | DIV 26 LIGHTING FIXTURE | | DIV 26 LIGHTING FIXTURE |
| | INTERCOM | | OPEN TO STRUCTURE | | | | | | |
| | SIREN | | CEILING HEIGHT FROM FINISH FLOOR | | | | | | |



(A1) FIRST FLOOR REFLECTED CEILING PLAN - ZONE E
1/8" = 1'-0"



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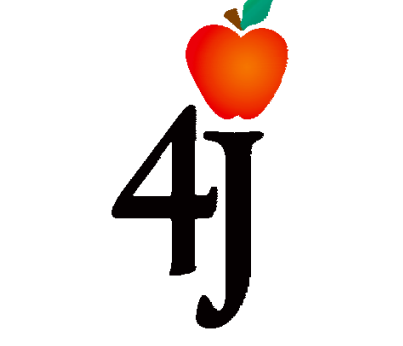
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541-342-8077
www.robertsonsherwood.com

MAHLUM ARCHITECTS INC
1231 NW HOYT, SUITE 102
PORTLAND, OREGON 97209
503-224-4032

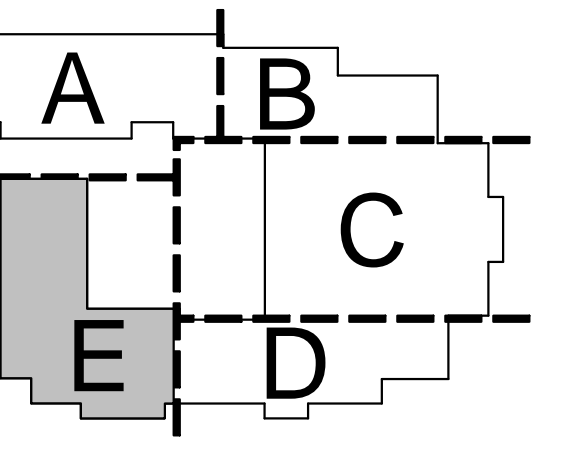
71 COLUMBIA, FLOOR 4
SEATTLE, WASHINGTON 98104
206-441-4151
www.mahlum.com



EUGENE SCHOOL DISTRICT 4J



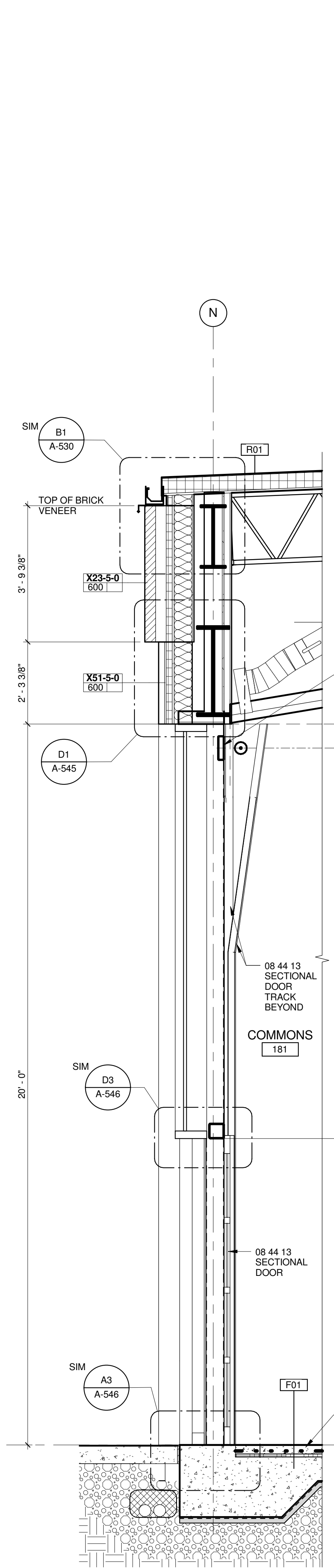
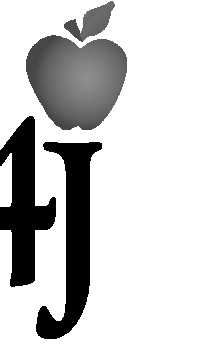
REPLACEMENT ROOSEVELT
MIDDLE SCHOOL
CIP NUMBER 410.566.001
680 EAST 24TH AVENUE
EUGENE, OREGON 97405



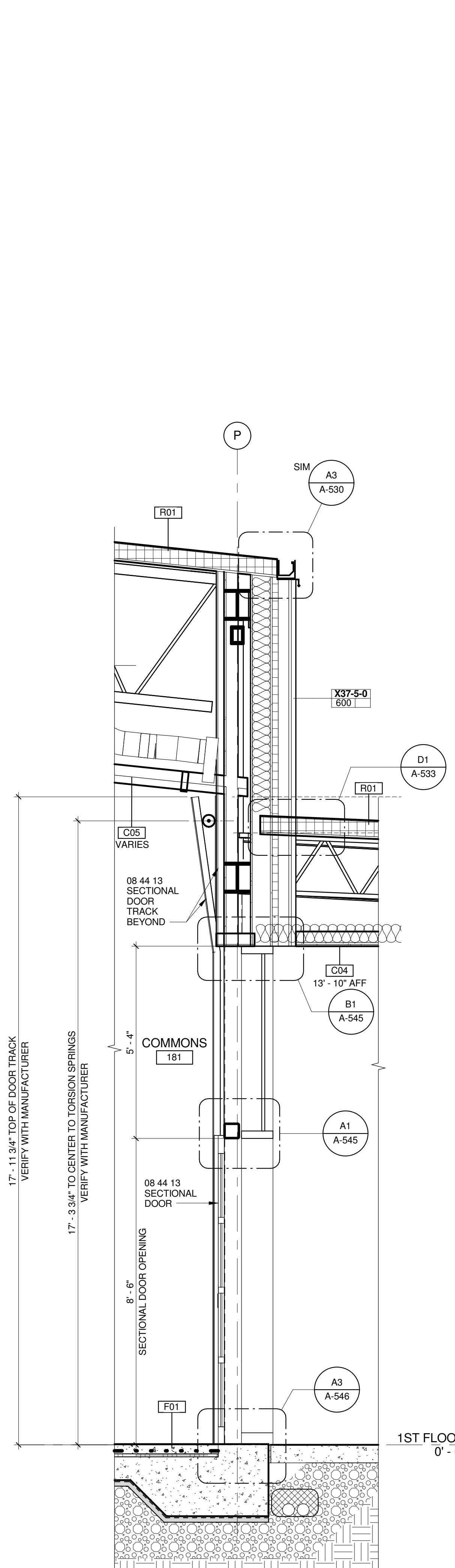
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| 1 | 3-11-2015 | ADDENDUM 5 |
| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
| VOLUME: PACKAGE 2 VOLUME 1 | | |
| PROJECT NO.: 2013912.00 | | |
| DRAWN BY: AC | | |
| CHECKED BY: DE | | |
| COPYRIGHT MAHLUM ARCHITECTS, INC 2014 ORIGINAL SHEET SIZE: 30"X42" | | |

FIRST FLOOR REFLECTED CEILING PLAN - ZONE E

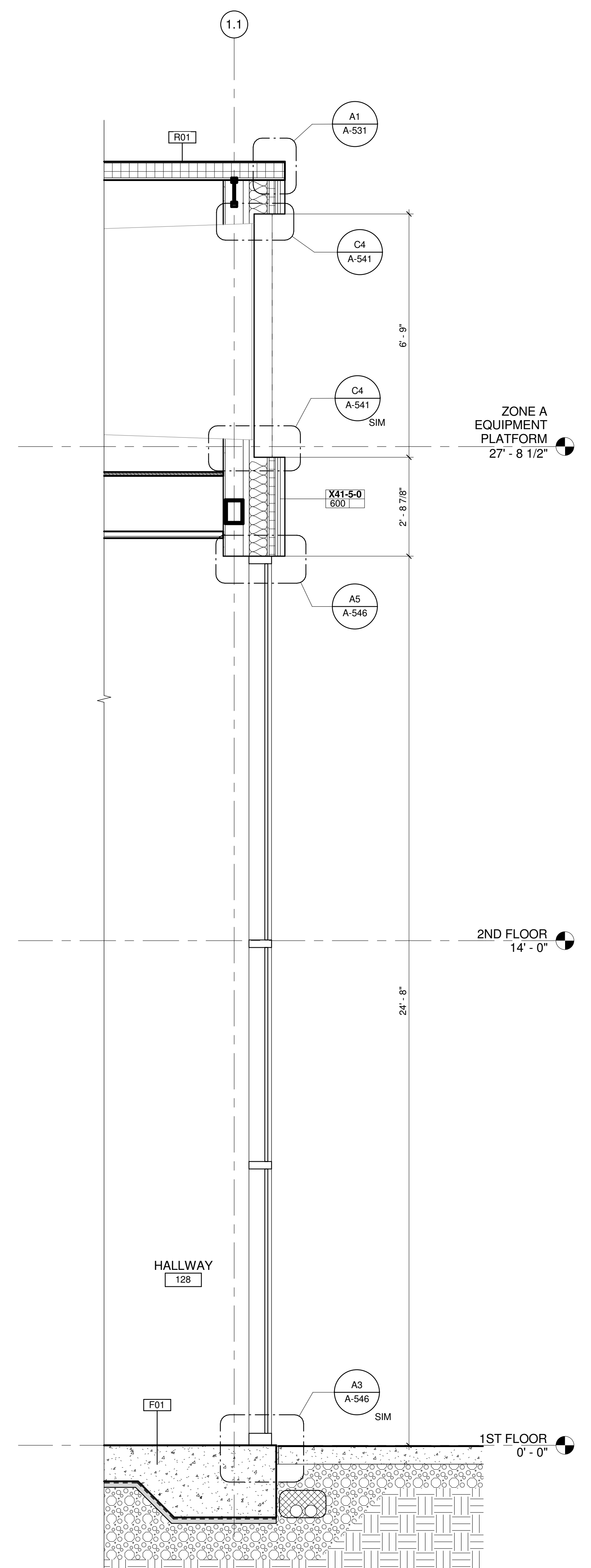
A-161E



A1 SECTION (N/S) COMMONS
NORTH SECTION AT OH DOOR
1/2" = 1'-0"



A3 SECTION (N/S) COMMONS
SOUTH SECTION AT OH DOOR
1/2" = 1'-0"



A4 SECTION (E/W) WALL SECTION
WEST END OF HALL
1/2" = 1'-0"

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RCP GENERAL NOTES

- A. LIGHT FIXTURES AND ELECTRICAL EQUIPMENT SHOWN FOR LOCATION AND ORIENTATION ONLY. REFER TO ELECTRICAL DRAWINGS FOR QUANTITIES AND ALL ADDITIONAL INFORMATION.
- B. MECHANICAL DUCTS, DIFFUSERS AND GRILLES SHOWN FOR LOCATION ONLY. REFER TO MECHANICAL DRAWINGS FOR QUANTITIES AND ALL ADDITIONAL INFORMATION.
- C. ALL CEILING SUSPENSION SYSTEMS SHALL HAVE SEISMIC RESTRAINTS THAT COMPLY WITH APPLICABLE CODES AND ORDINANCES IN FORCE AT TIME OF CONSTRUCTION.
- D. CENTER ALL LIGHTS, EQUIPMENT, SIGNS ETC. U.N.O.
- E. CENTER ACOUSTICAL CEILING TILE IN ROOM U.N.O.
- F. ALL EXPOSED MECHANICAL AND STRUCTURAL IN GYM, SCIENCE AND MAKERS LAB CLASSROOMS AND ADJACENT MAKERS LAB CORRIDOR TO BE PAINTED PT-1.

KEYNOTES 01

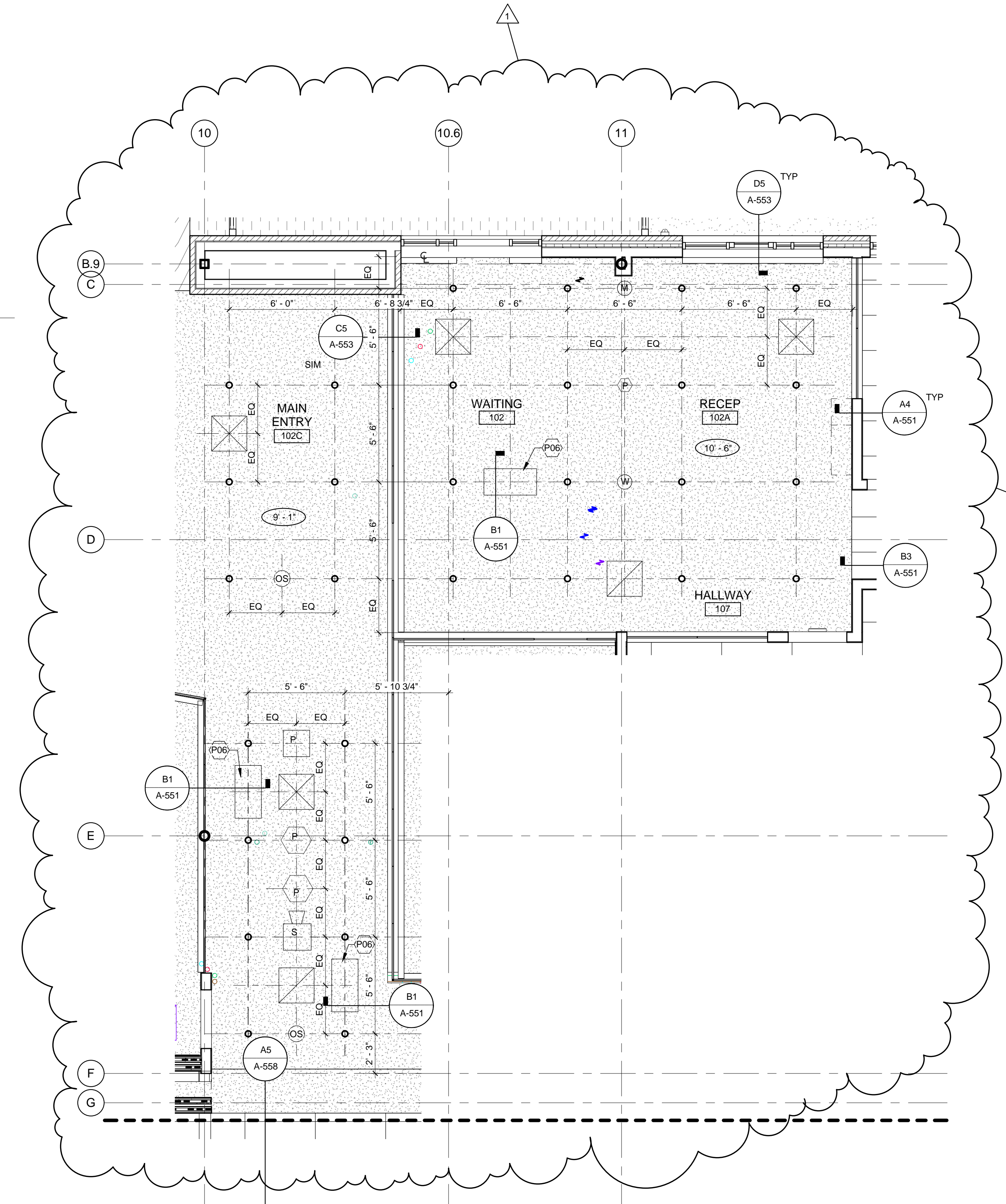
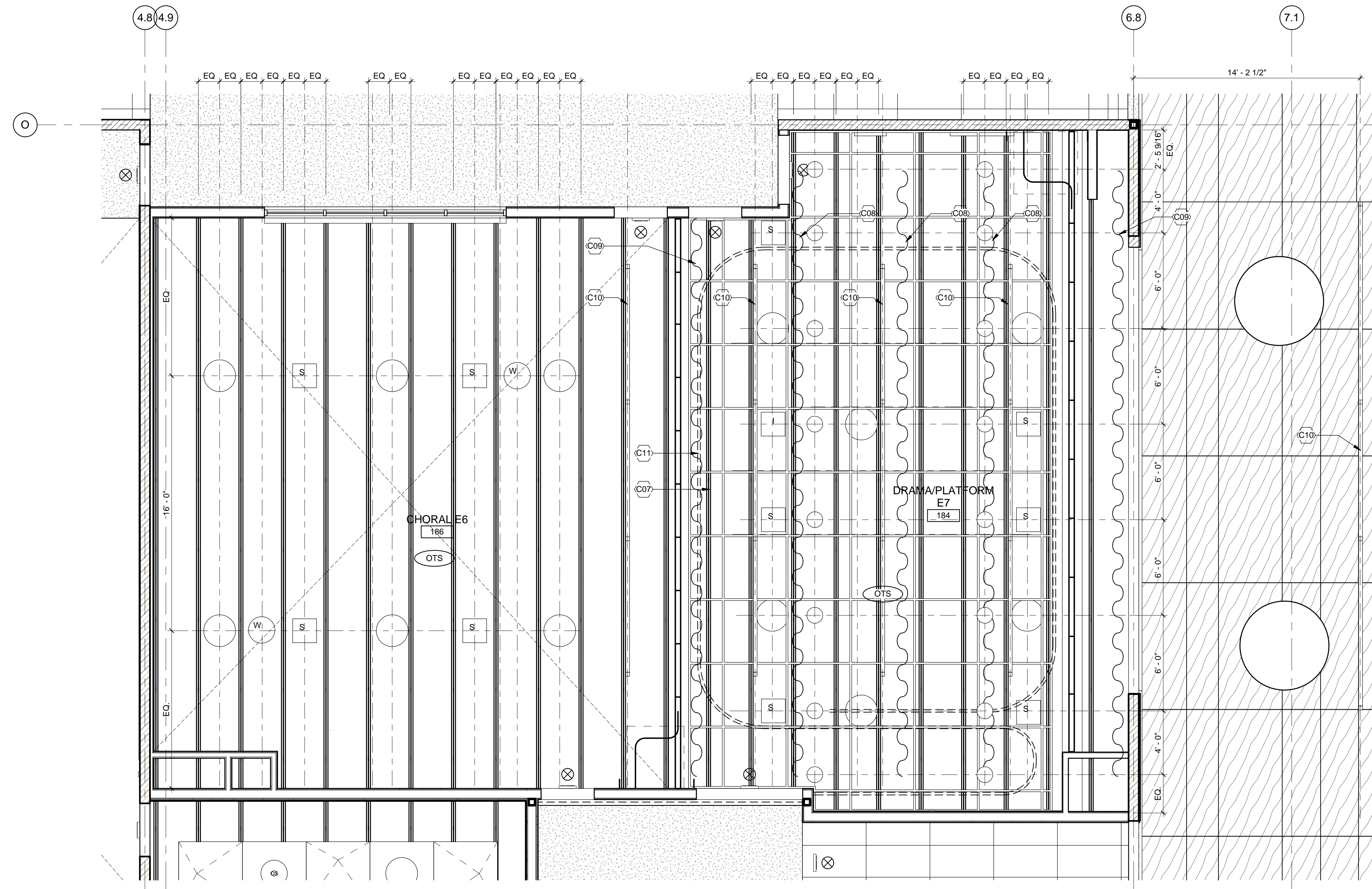
| A- KEYNOTES RCP | |
|-----------------|----------------------------------|
| Key Value | Keynote Text |
| C07 | 11 61 33 RIGGING SYSTEMS |
| C08 | 11 61 33 MASKING BORDER CURTAINS |
| C09 | 11 61 33 VALANCE CURTAINSC09 |
| C10 | 11 61 33 LIGHT PIPE |
| C11 | 11 61 43 CYCLORAMA |
| P06 | 08 31 00 ACCESS PANEL |

RCP MATERIAL LEGEND

| | | | |
|--|---|--|--------------------------------|
| | 06 40 00 PLYWOOD CEILING PANEL | | 09 21 16 EXTERIOR SOFFIT BOARD |
| | 09 51 00 2'x4' ACOUSTICAL CEILING TILE AP-1 | | 09 90 00 EPT-1 |
| | 09 51 00 2'x4' VINYL ACOUSTICAL CEILING TILE AP-2 | | A |
| | 09 51 00 ACOUSTIC FOAM PANEL AP-3 | | B |
| | 09 21 16 GYPSUM BOARD | | C |
| | 09 90 00 PT-1 | | D |
| | 09 21 16 GYPSUM BOARD | | |
| | 09 90 00 EPT-1 | | |
| | 09 21 16 GYPSUM BOARD | | |
| | 09 90 00 EPT-2 | | |
| | 03 30 00 CONCRETE | | |

RCP SYMBOL LEGEND

| | | | | | | | | | |
|--|-------------------------|--|----------------------------------|--|---|--|-------------------------|--|-------------------------|
| | CAMERA | | CEILING MOUNTED PAGING SPEAKER | | EXTENT OF SOFFIT VENT. SEE SOFFIT DETAILS | | 08 62 00 UNIT SKYLIGHTS | | DIV 26 LIGHTING FIXTURE |
| | OCCUPANCY SENSOR | | WALL MOUNTED PAGING SPEAKER | | ACCESS PANEL SEE PLAN FOR LOCATION AND SIZE | | DIV 26 LIGHTING FIXTURE | | DIV 26 LIGHTING FIXTURE |
| | PHOTO ELECTRONIC SENSOR | | FIRE DETECTOR | | RETURN - CEILING DIFFUSERS & GRILLES | | DIV 26 LIGHTING FIXTURE | | DIV 26 LIGHTING FIXTURE |
| | MOTION SENSOR | | STROBE | | EXHAUST - CEILING DIFFUSERS & GRILLES | | DIV 26 LIGHTING FIXTURE | | DIV 26 LIGHTING FIXTURE |
| | WIRELESS ACCESS POINT | | FIRE ALARM | | SUPPLY - CEILING DIFFUSERS & GRILLES | | DIV 26 LIGHTING FIXTURE | | DIV 26 LIGHTING FIXTURE |
| | SPEAKER | | EXIT SIGN | | ACCESS PANEL SEE PLAN FOR LOCATION AND SIZE | | DIV 26 LIGHTING FIXTURE | | DIV 26 LIGHTING FIXTURE |
| | INTERCOM | | OPEN TO STRUCTURE | | | | | | |
| | SIREN | | CEILING HEIGHT FROM FINISH FLOOR | | | | | | |

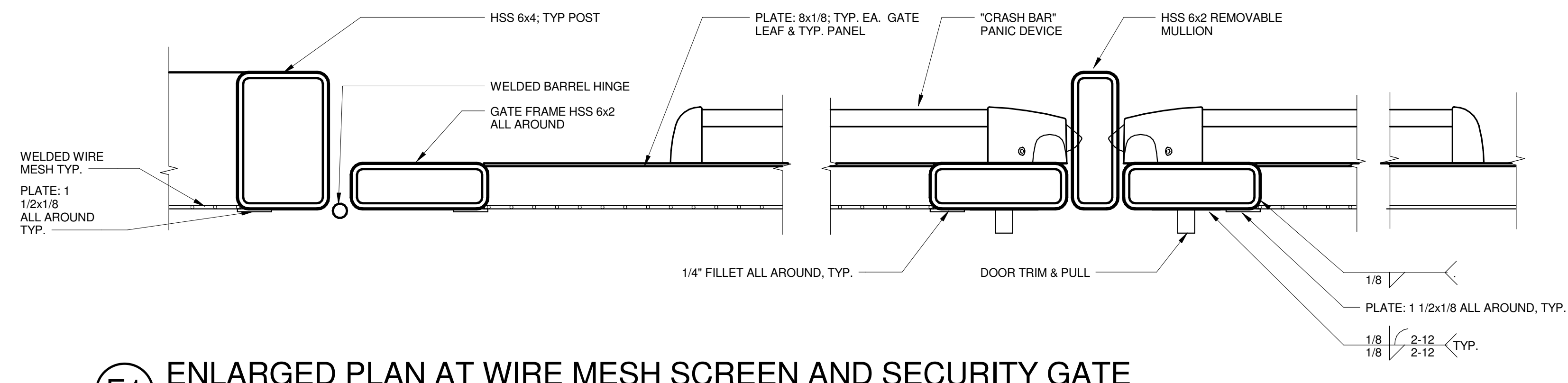


A1 ENLARGED - DRAMA REFLECTED CEILING PLAN
1/4" = 1'-0"

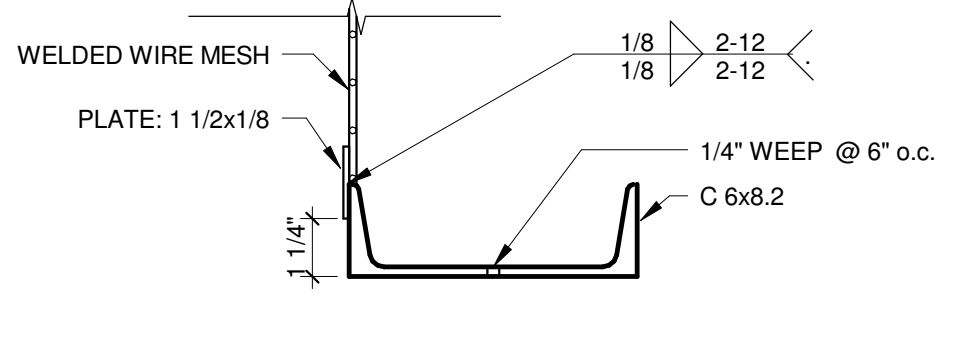
A5 ENLARGED FIRST FLOOR REFLECTED CEILING PLAN - ZONE B
1/4" = 1'-0"

| MARK | DATE | DESCRIPTION |
|---|-----------|-------------|
| 1 | 3-11-2015 | ADDENDUM 5 |
| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
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| PROJECT NO: 2013912.00 | | |
| DRAWN BY: JG/AC | | |
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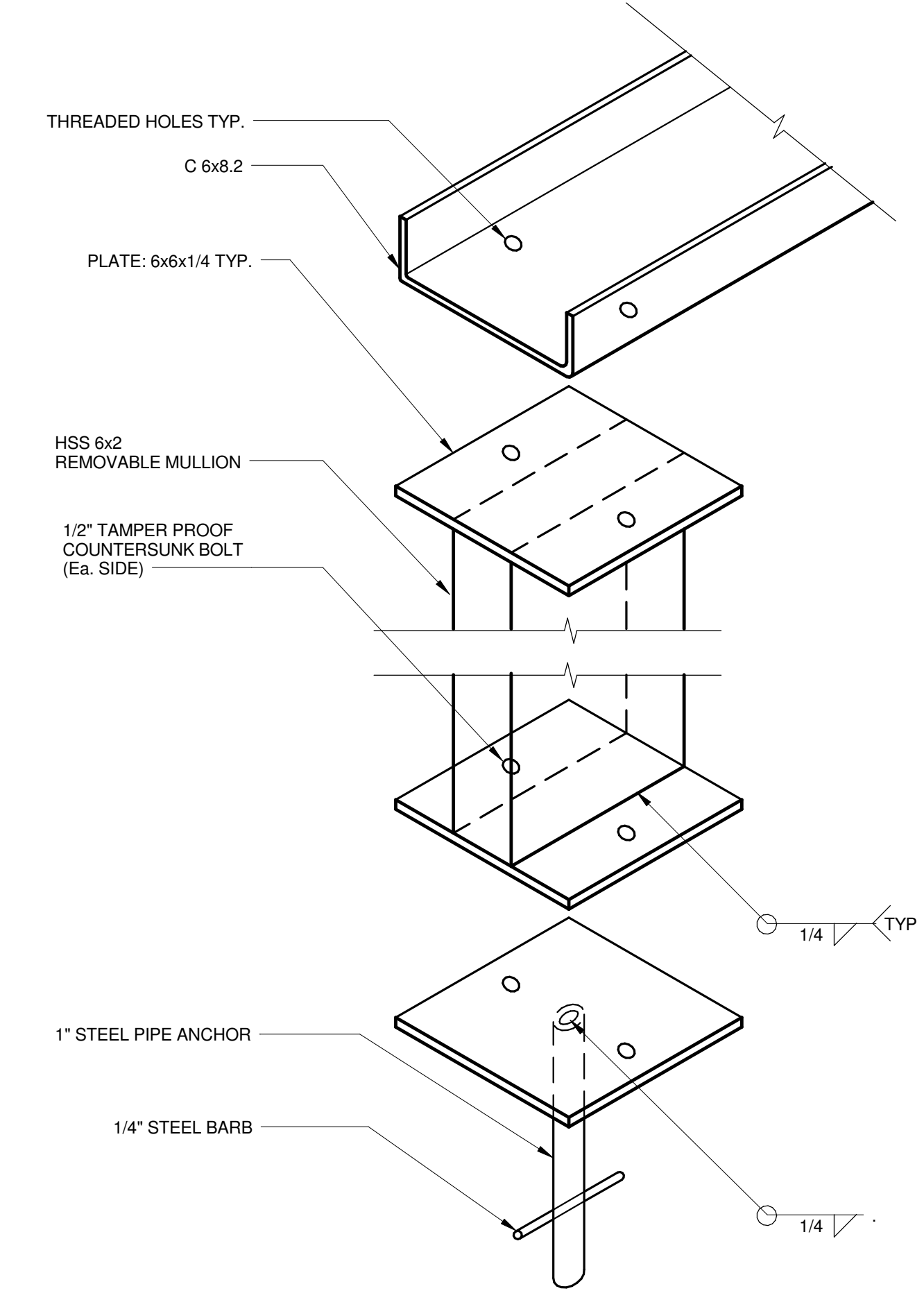
ENLARGED REFLECTED CEILING PLANS



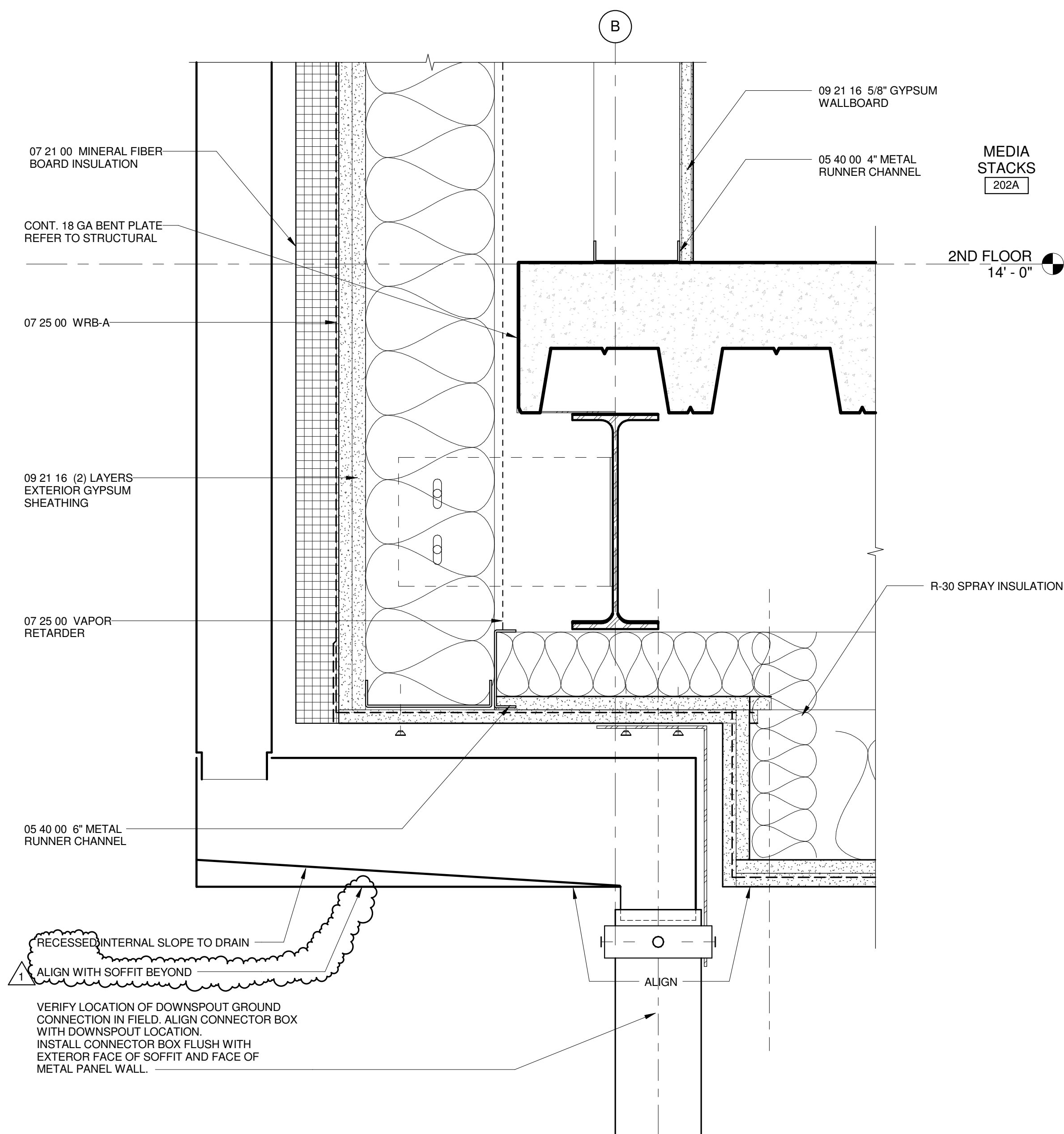
E1 ENLARGED PLAN AT WIRE MESH SCREEN AND SECURITY GATE
3" = 1'-0"



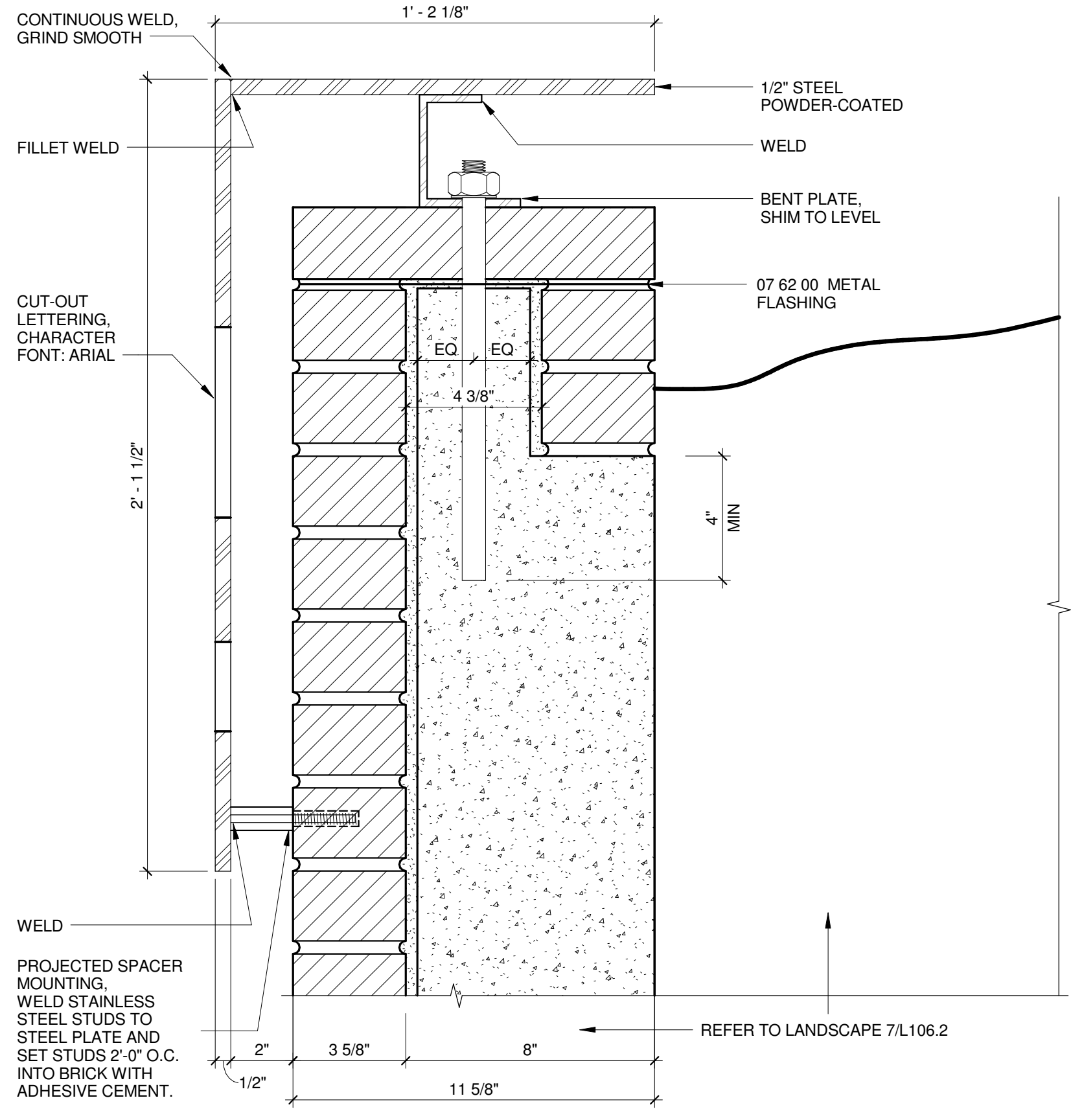
E4 SECTION AT BOTTOM OF WIRE MESH SCREEN
3" = 1'-0" SIM AT TOP OF GATE



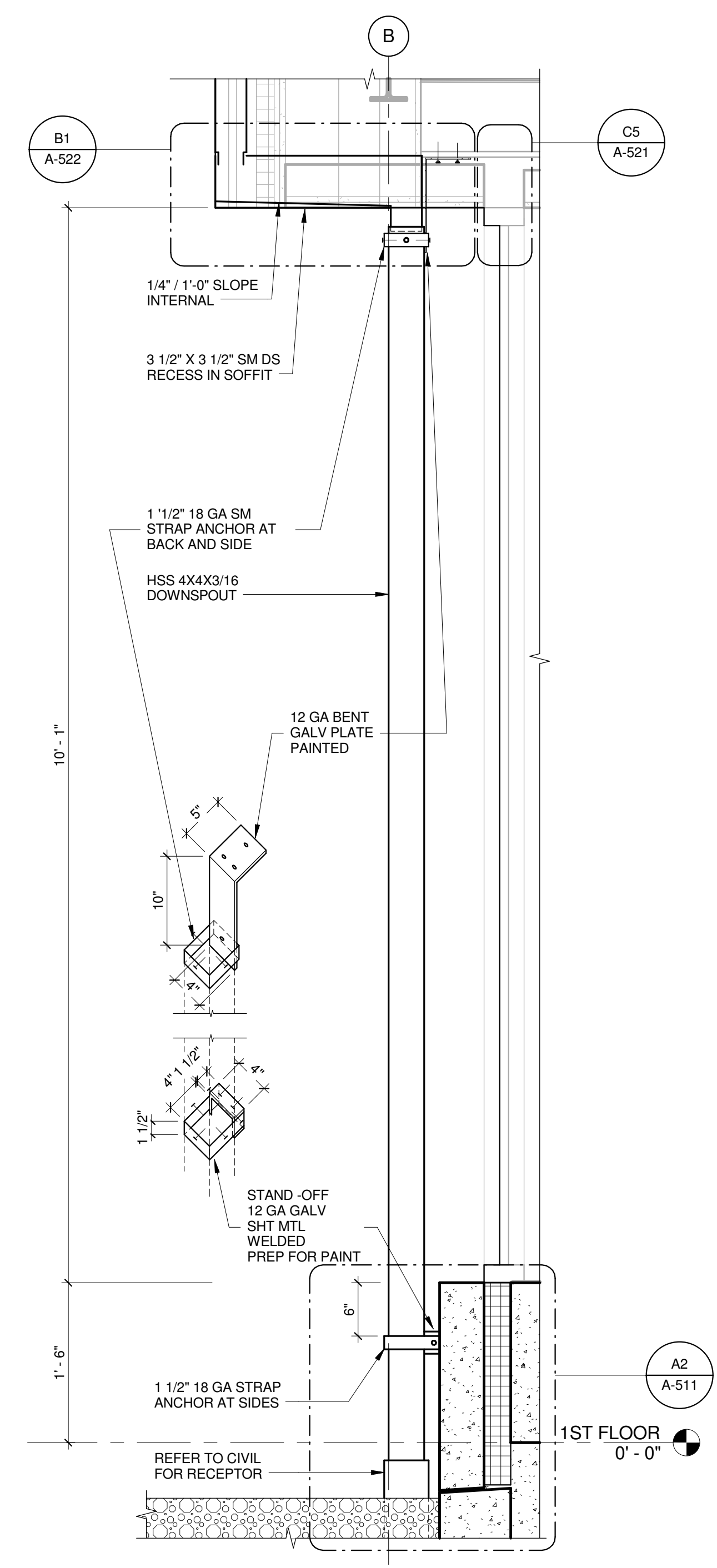
D5 REMOVABLE MULLION AT GATE
3" = 1'-0"



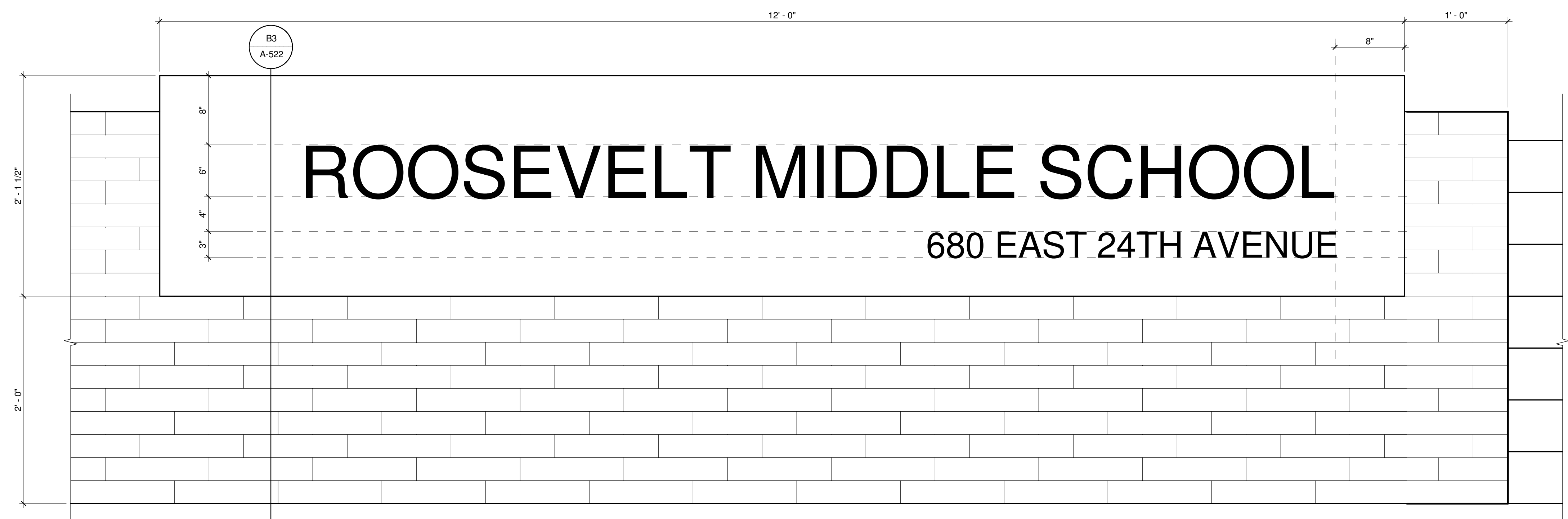
B1 N/S SOFFIT AT DOWN SPOUT
3" = 1'-0"



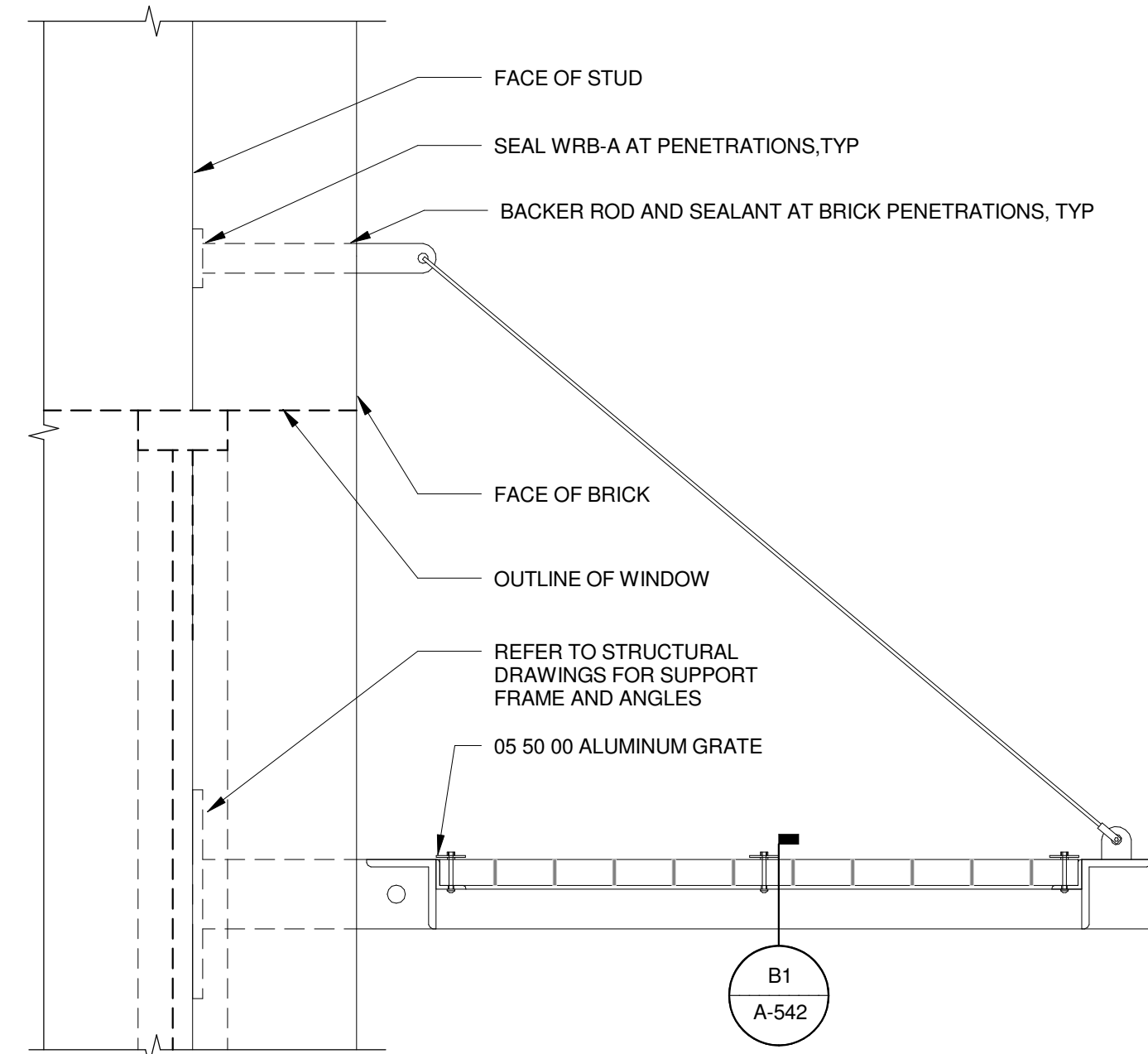
B3 SCHOOL SIGN SECTION
3" = 1'-0"



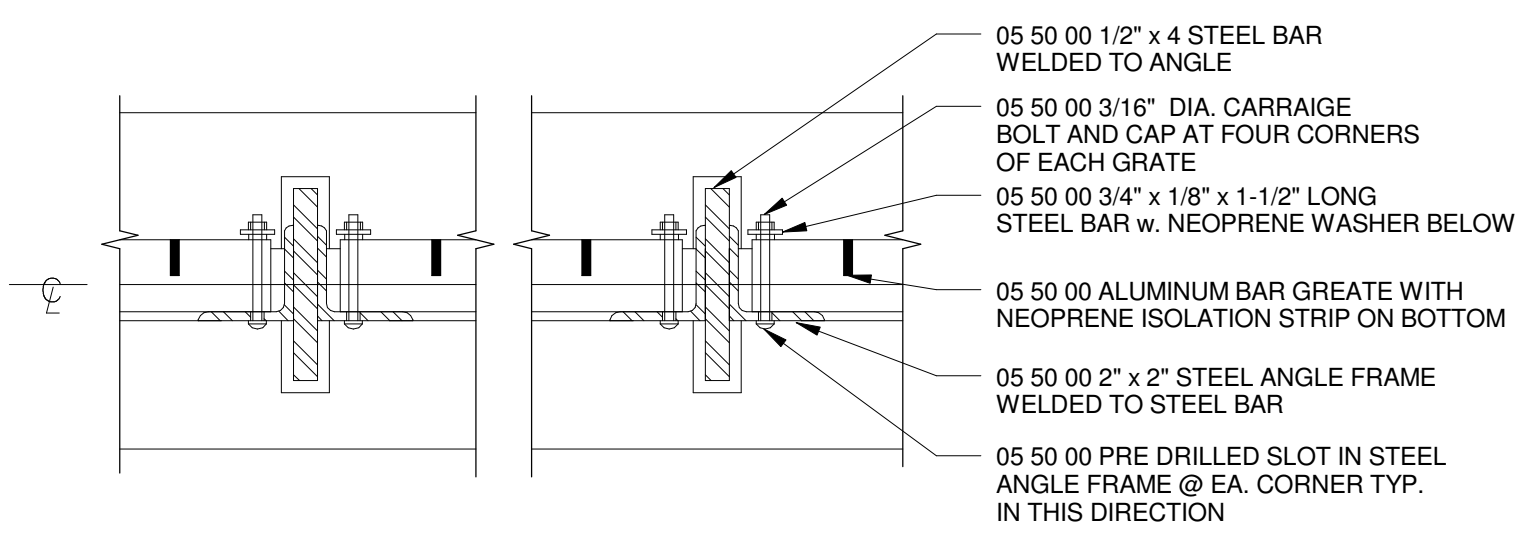
A5 SECTION (N/S) AT MAIN ENTRY DOWNSPOUT
1" = 1'-0"



A1 SCHOOL SIGN
1 1/2" = 1'-0"

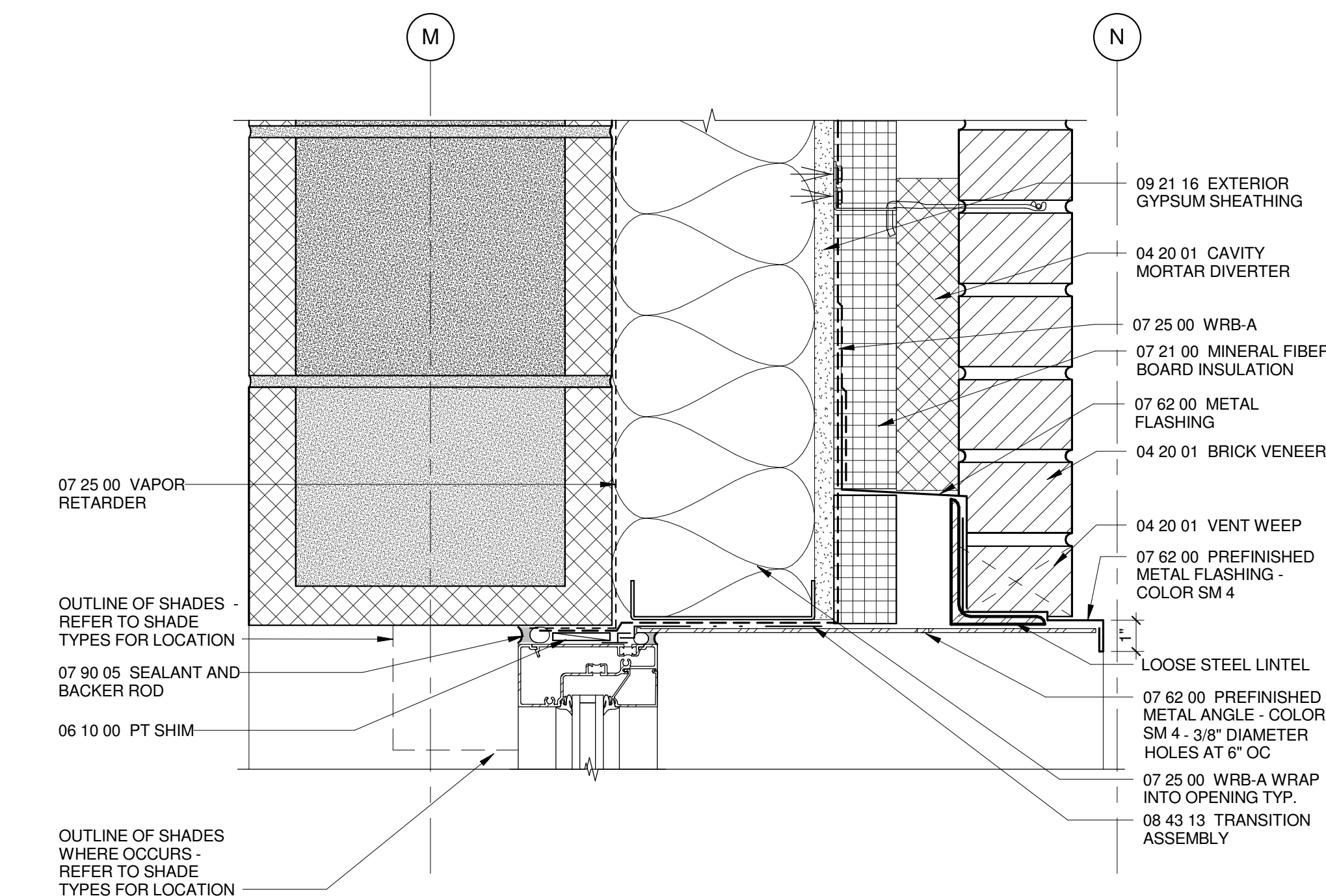


D1 SUNSHADE SECTION
1 1/2" = 1'-0"



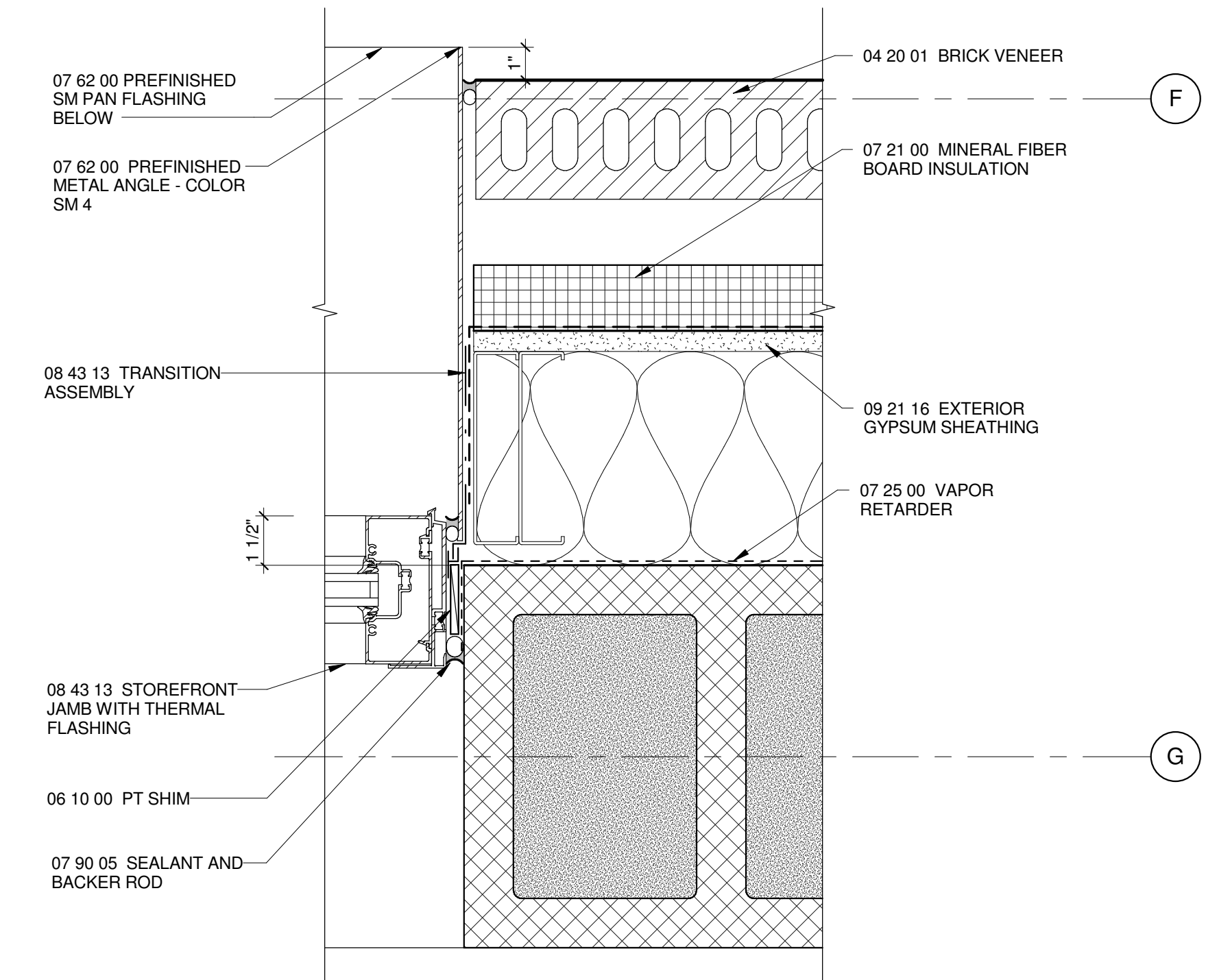
B1 ENLARGED SUNSHADE CROSS SECTION
3" = 1'-0"

DETAIL NOT USED

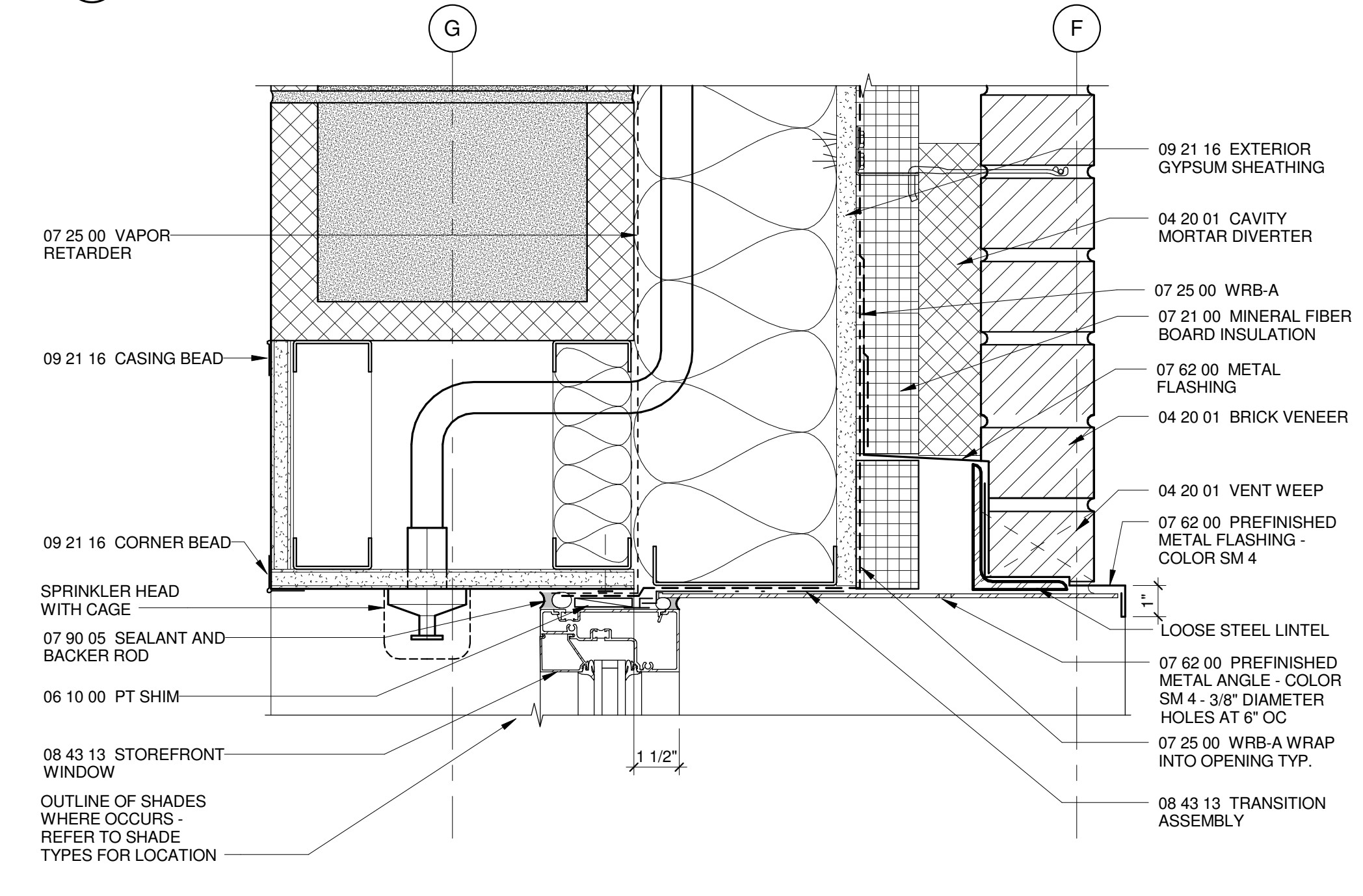


B3 STOREFRONT HEAD AT GYM CLERESTORY (2HR)
3" = 1'-0"

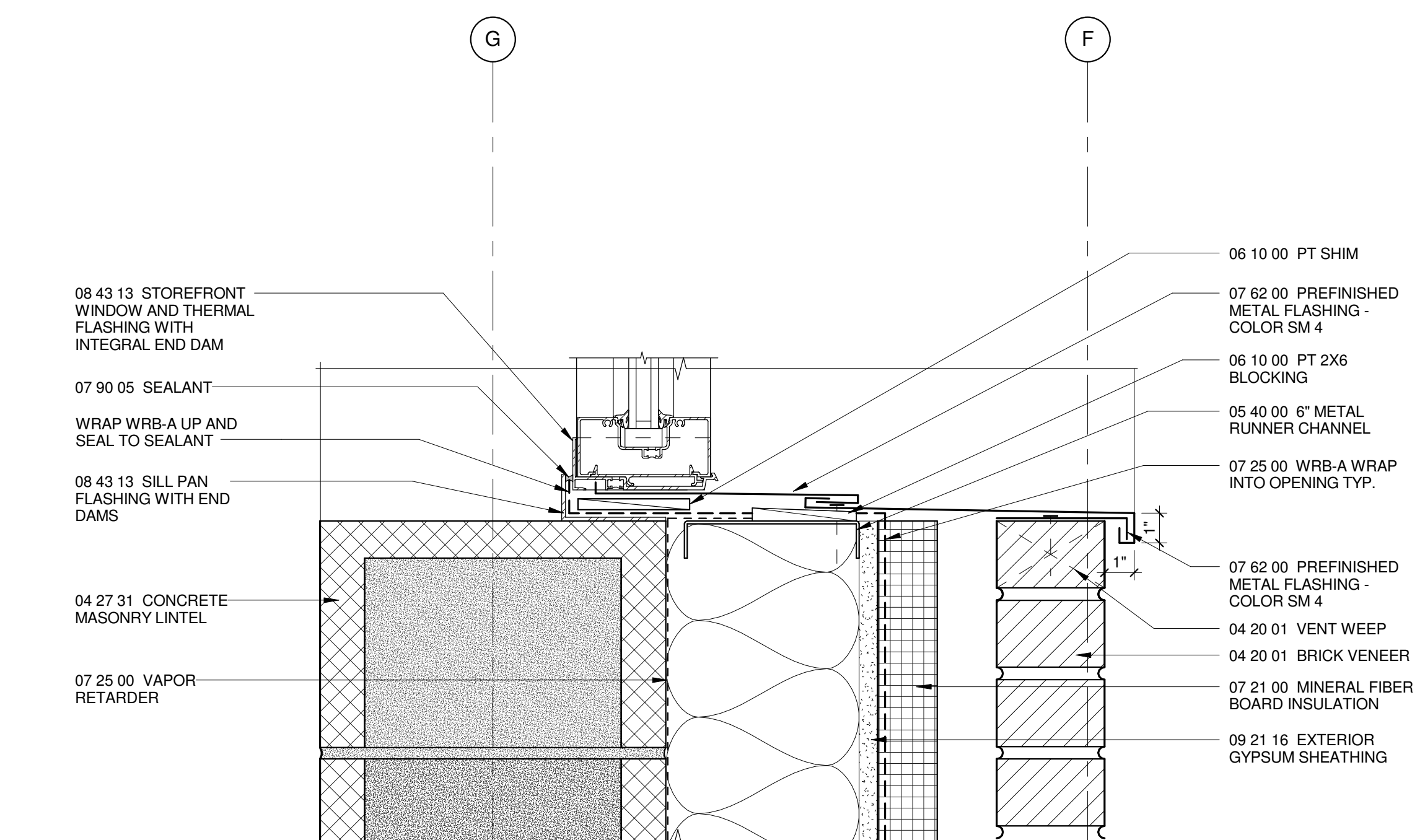
DETAIL NOT USED



D5 STOREFRONT JAMB AT GYM CLERESTORY
3" = 1'-0"



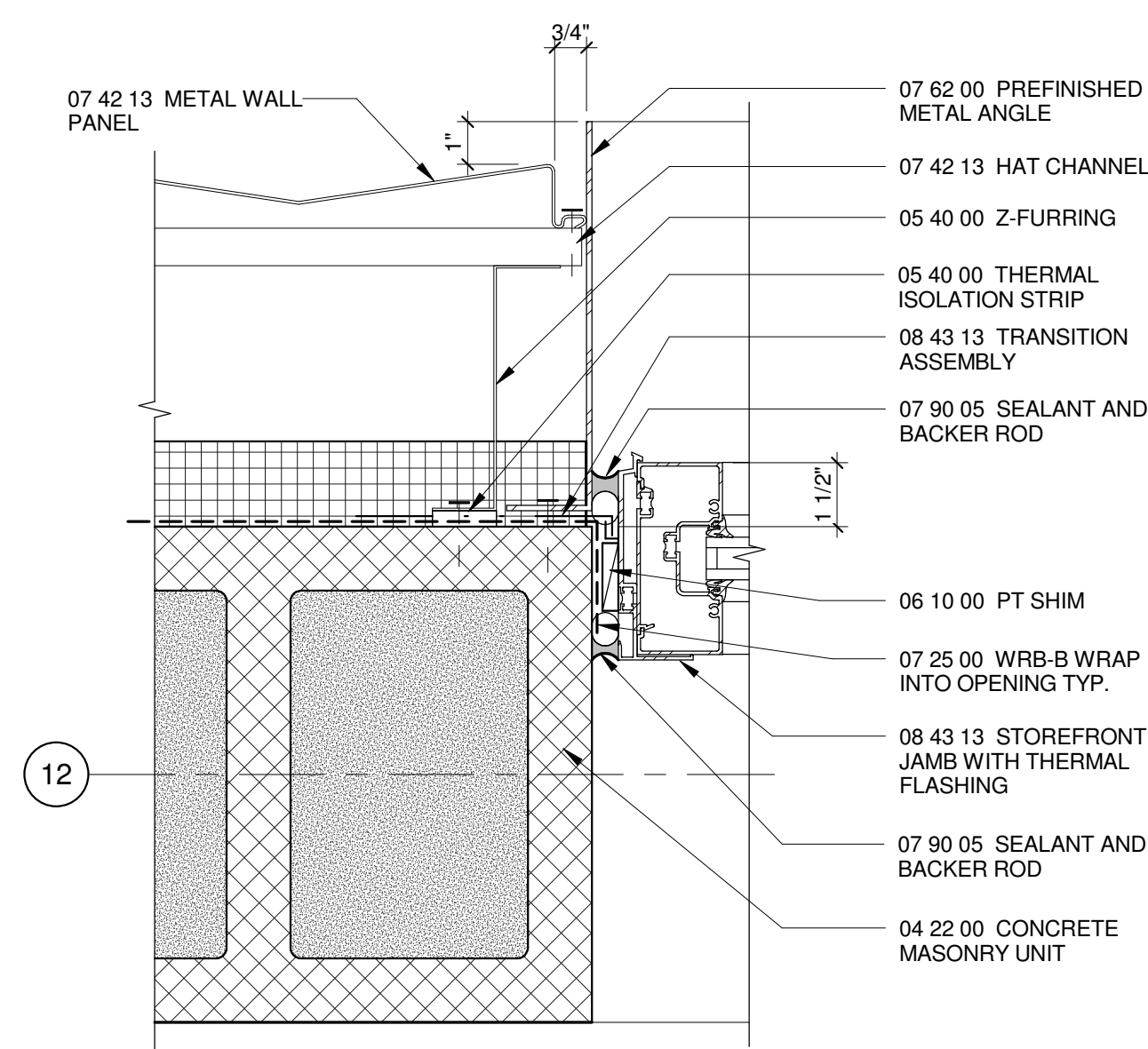
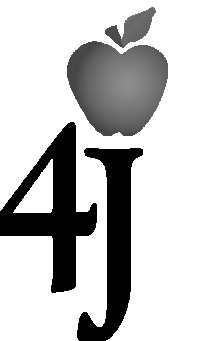
B5 STOREFRONT HEAD AT GYM CLERESTORY (3HR)
3" = 1'-0"



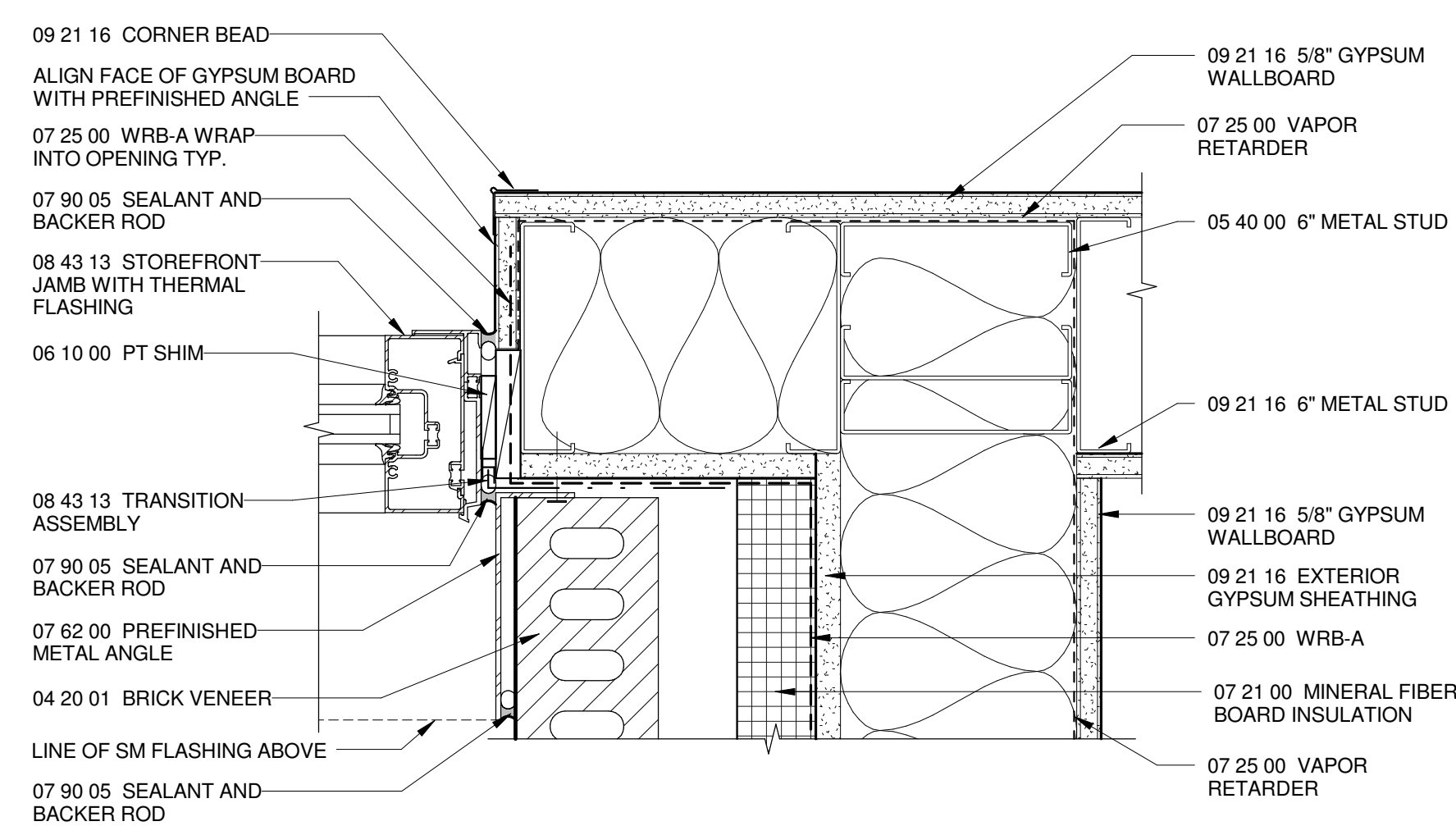
A5 STOREFRONT SILL AT GYM CLERESTORY
3" = 1'-0"

| MARK | DATE | DESCRIPTION |
|---|-----------|-------------|
| 1 | 3-11-2015 | ADDENDUM 5 |
| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
| VOLUME: PACKAGE 2 VOLUME 1 | | |
| PROJECT NO: 2013912.00 | | |
| DRAWN BY: LS | | |
| CHECKED BY: DG | | |
| COPYRIGHT MAHLUM ARCHITECTS, INC. 2014 ORIGINAL SHEET SIZE: 30"X42" | | |

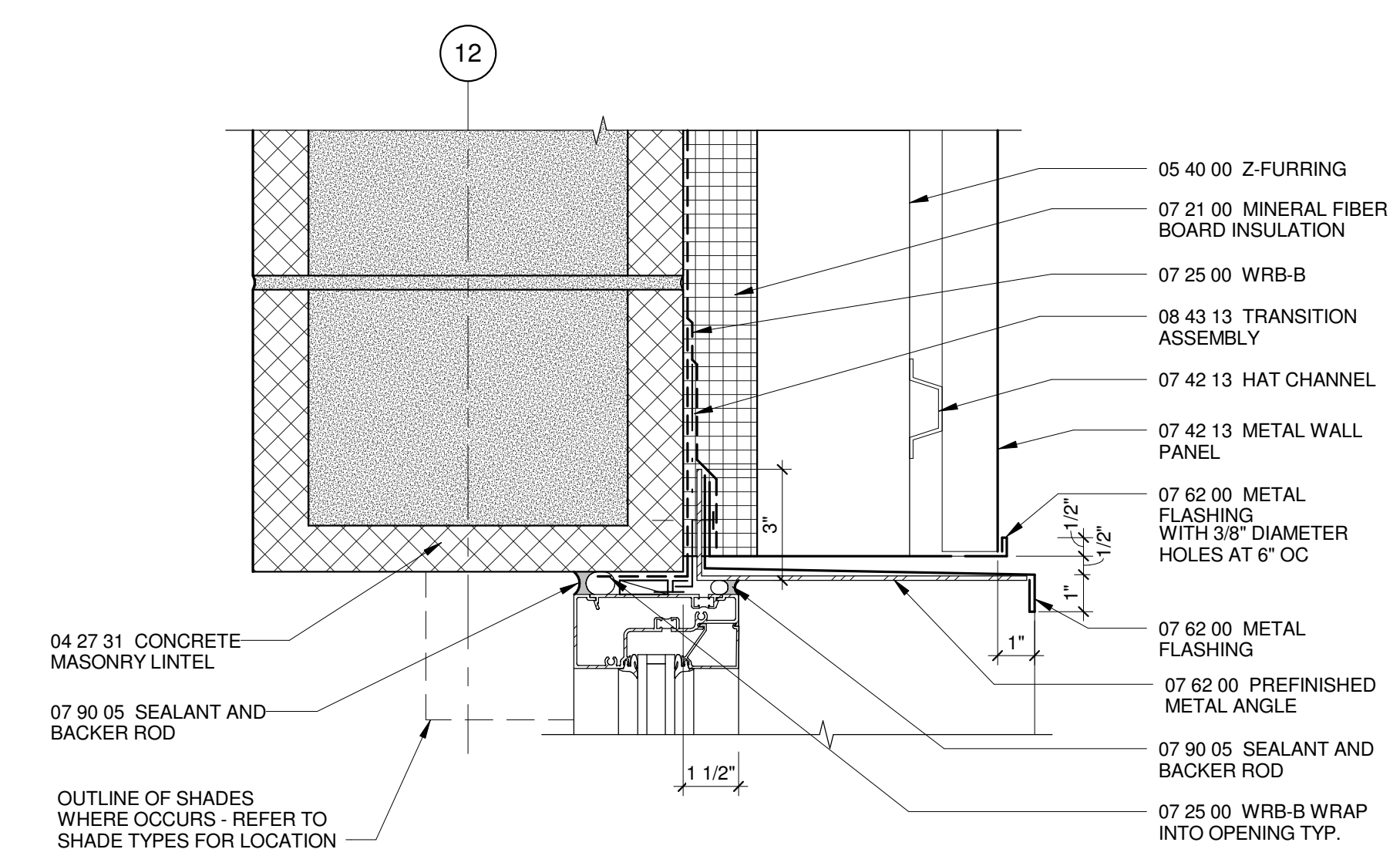
3/11/2015 3:28:15 PM I:\B\RF\Drawings\4\Documents\2015\410.566.001_4_J\4_J.dwg User: jml



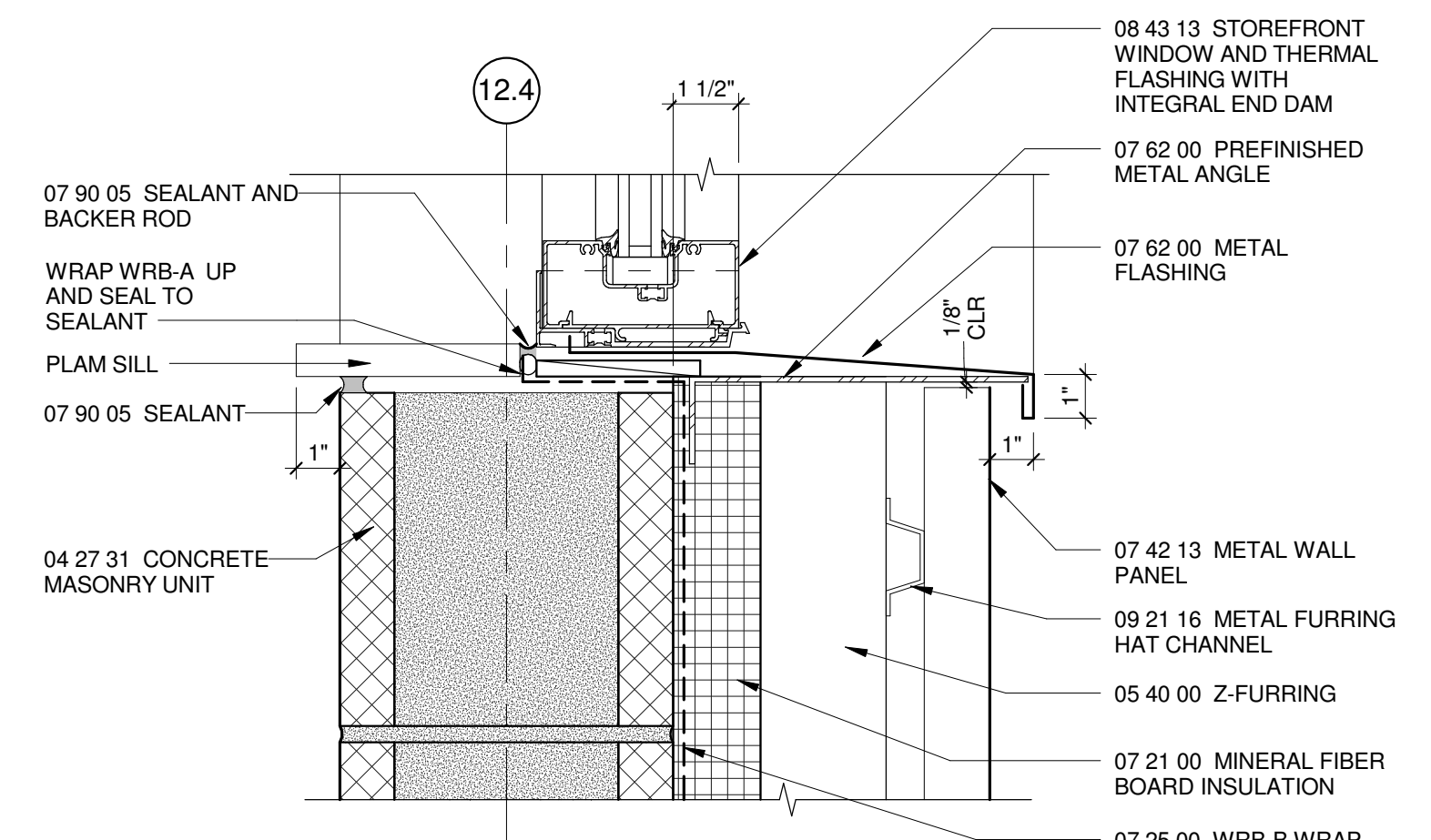
D5 STOREFRONT JAMB AT GYM CLERESTORY AT METAL PANEL
 3" = 1'-0"



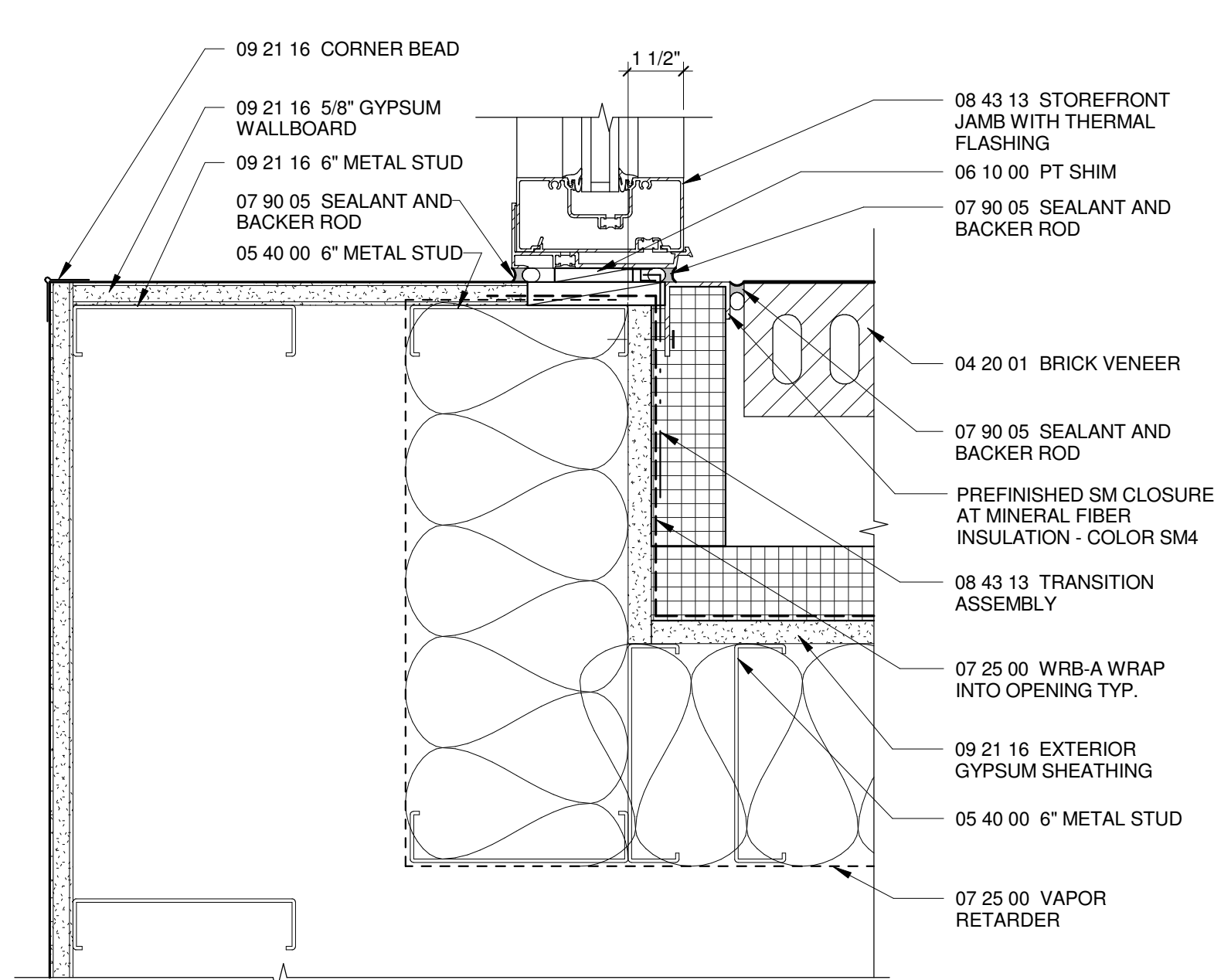
D3 STOREFRONT JAMB PERPENDICULAR TO BRICK
 3" = 1'-0"



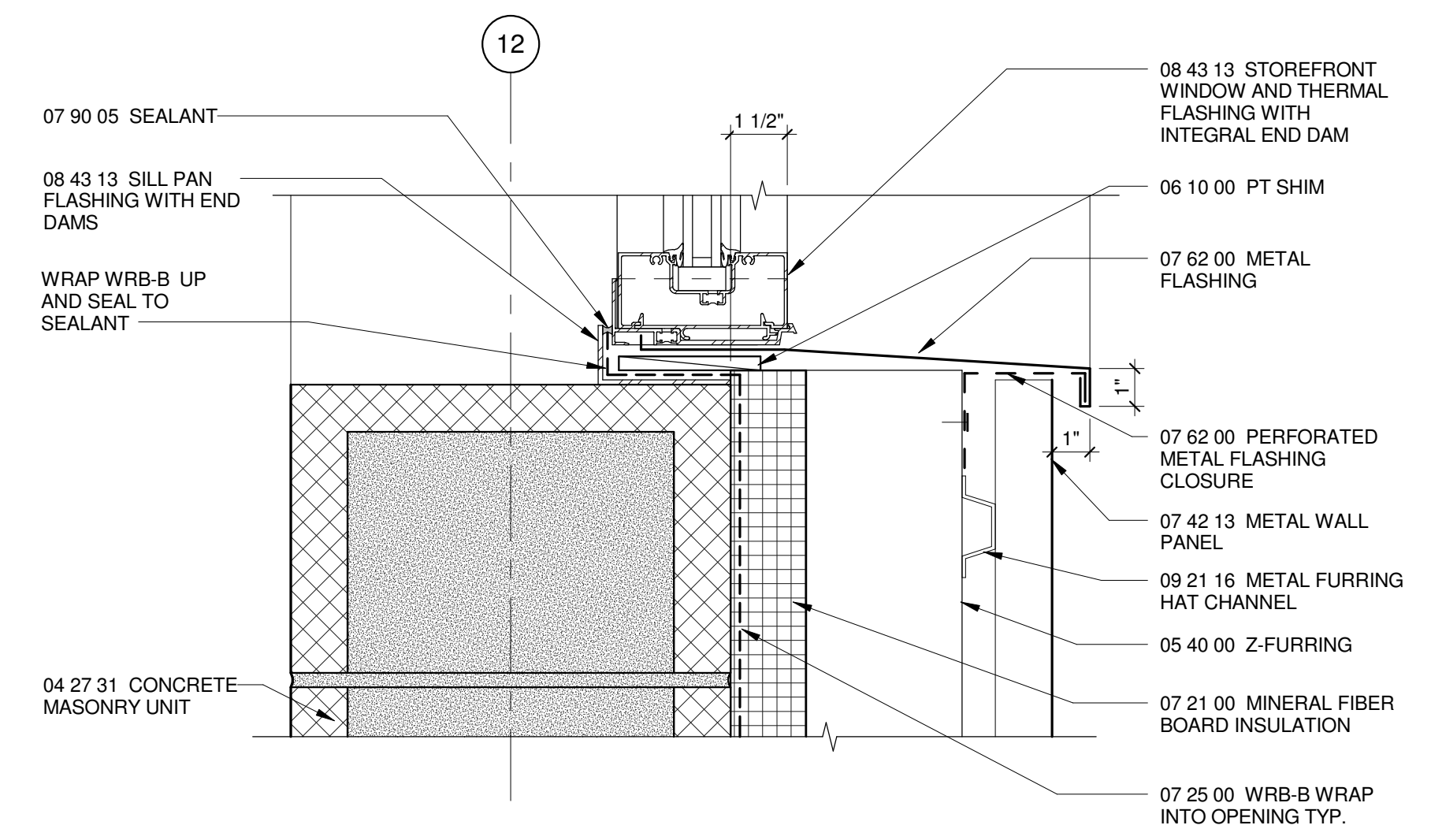
C5 STOREFRONT HEAD AT GYM CLERESTORY AT METAL PANEL
 3" = 1'-0"



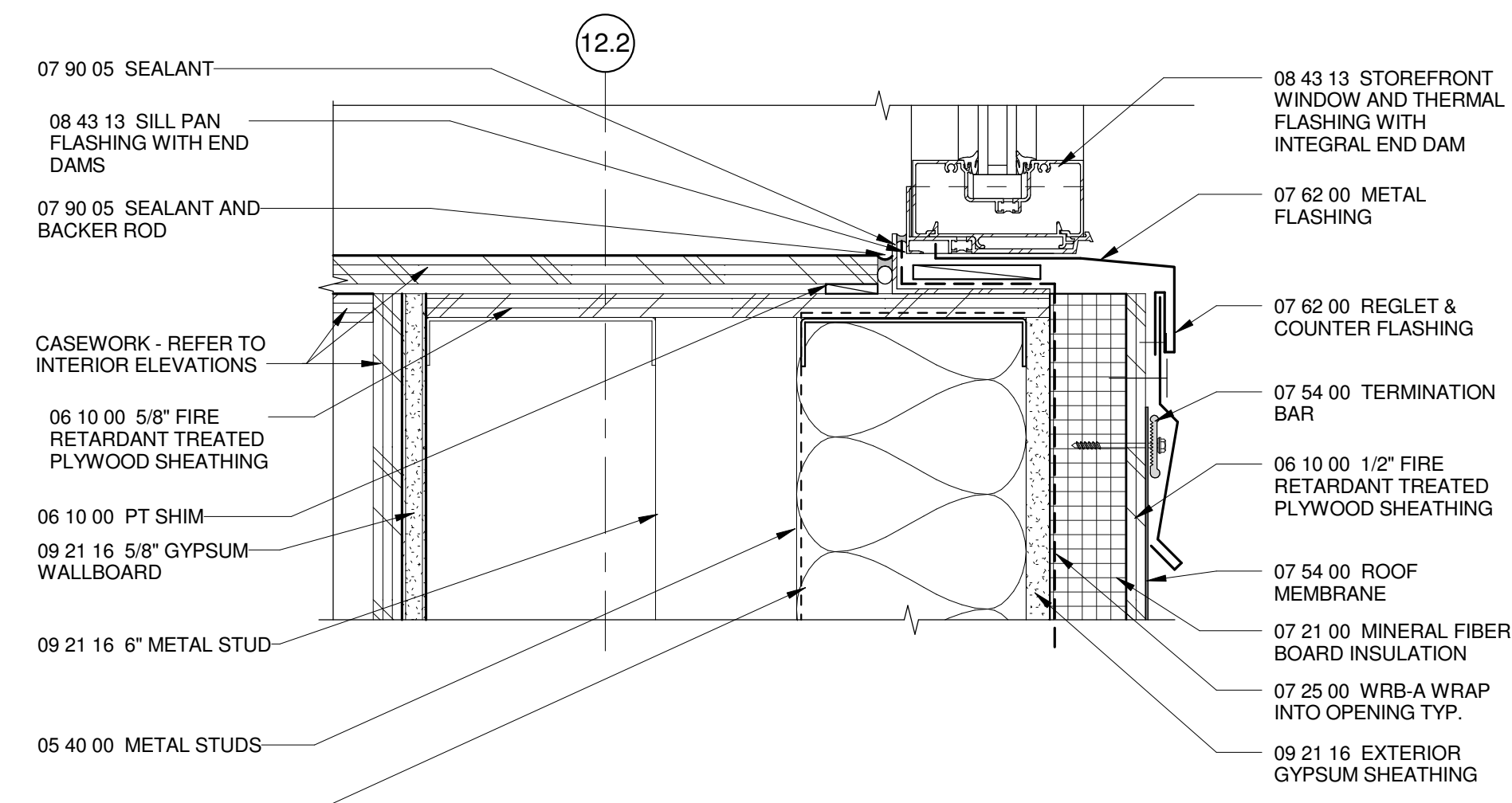
C3 STOREFRONT SILL AT OFFICE AT METAL WALL PANEL
 3" = 1'-0"



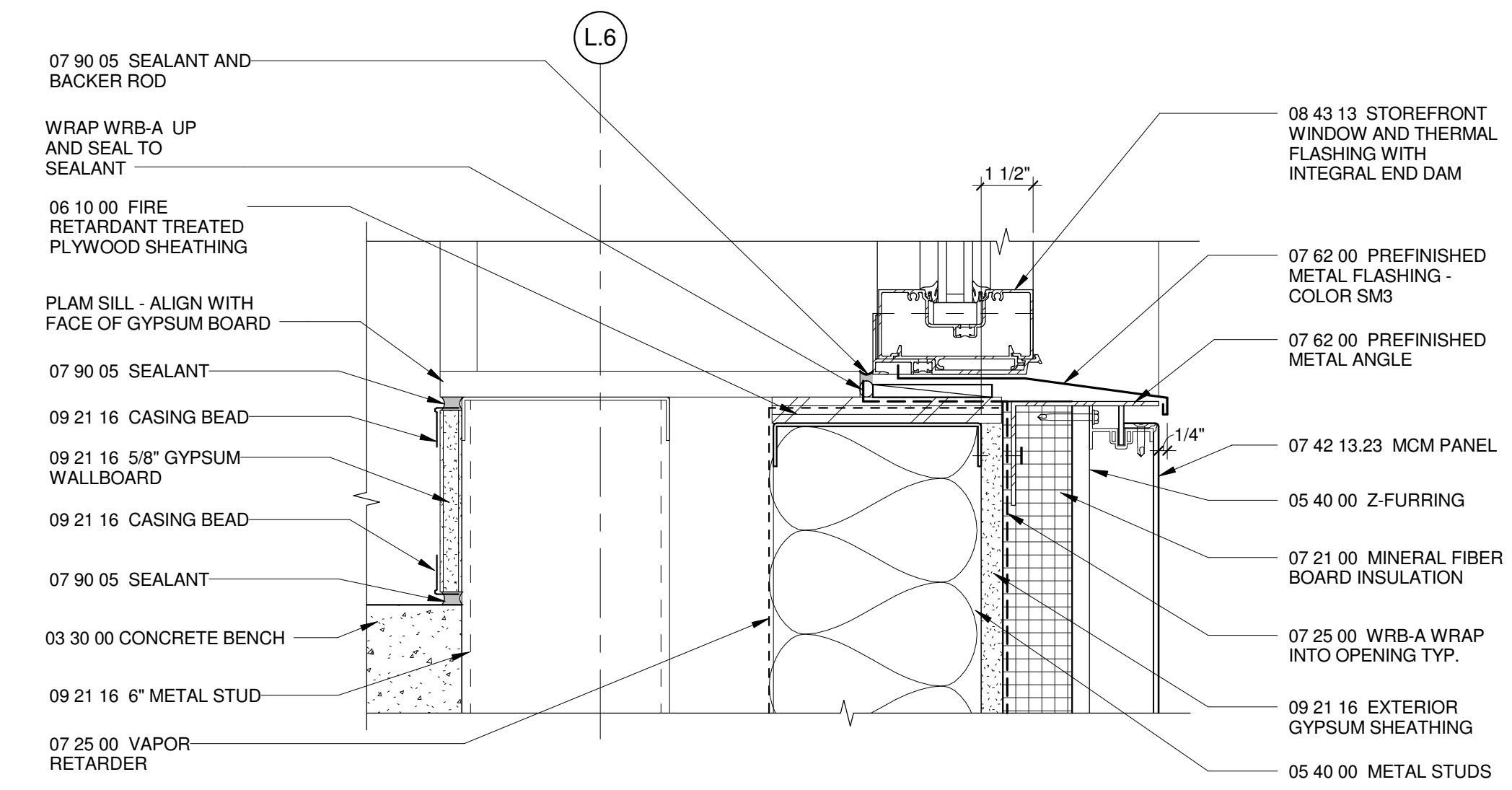
C1 STOREFRONT JAMB AT VESTIBULE PERPENDICULAR TO BRICK
 3" = 1'-0"



A5 STOREFRONT SILL AT GYM CLERESTORY AT METAL PANEL
 3" = 1'-0"

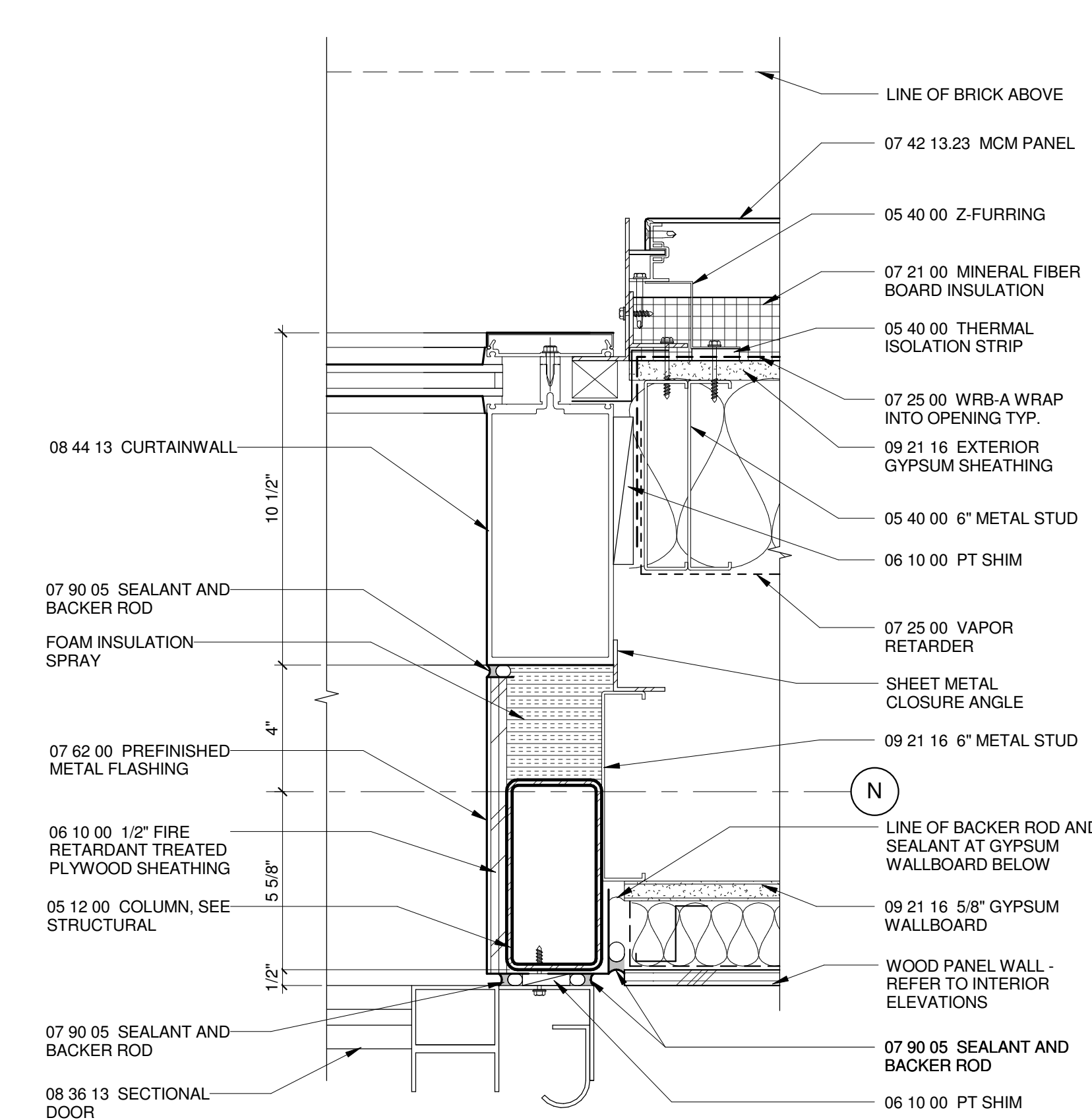
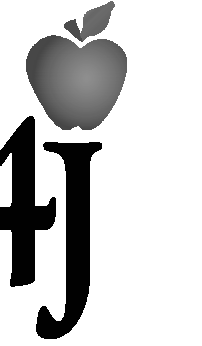


A3 STOREFRONT SILL AT MEMBRANE ROOF
 3" = 1'-0"

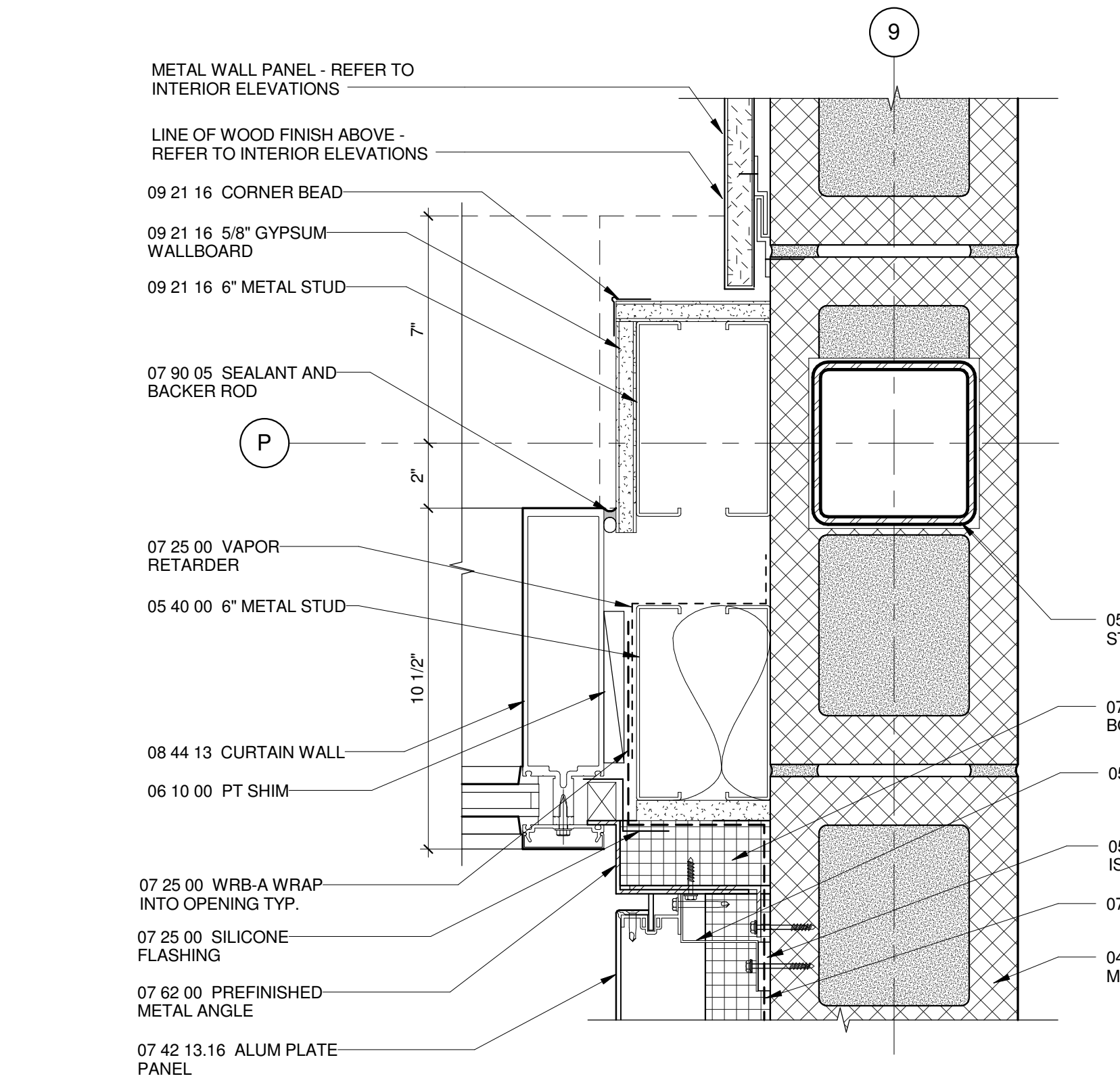


A1 STOREFRONT SILL AT MCM AT ZONE E
 3" = 1'-0"

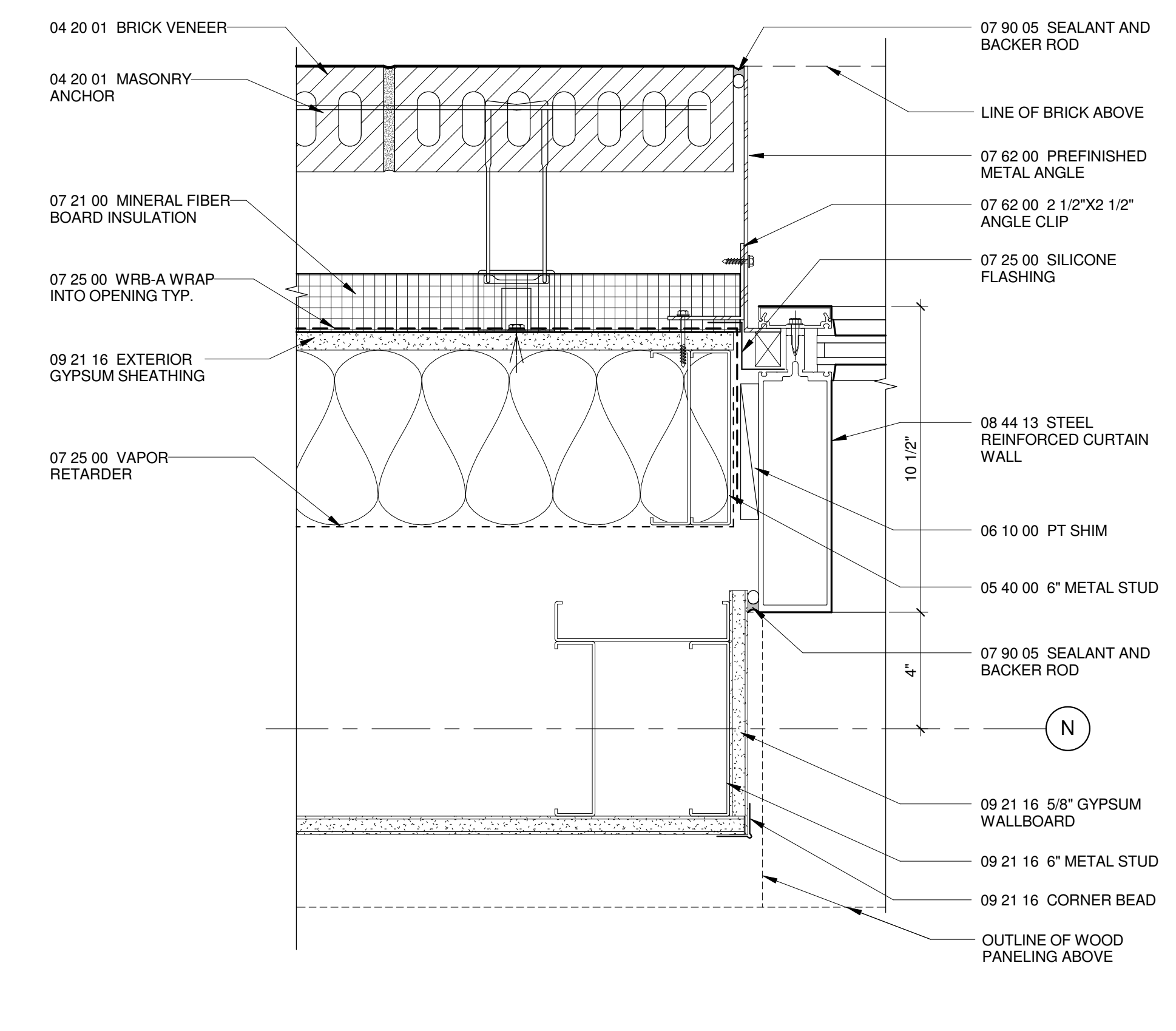
3/11/2015 3:50:47 PM \\SRW\ER\Drawings\A Documents\2013912\A5-543.dwg JLM



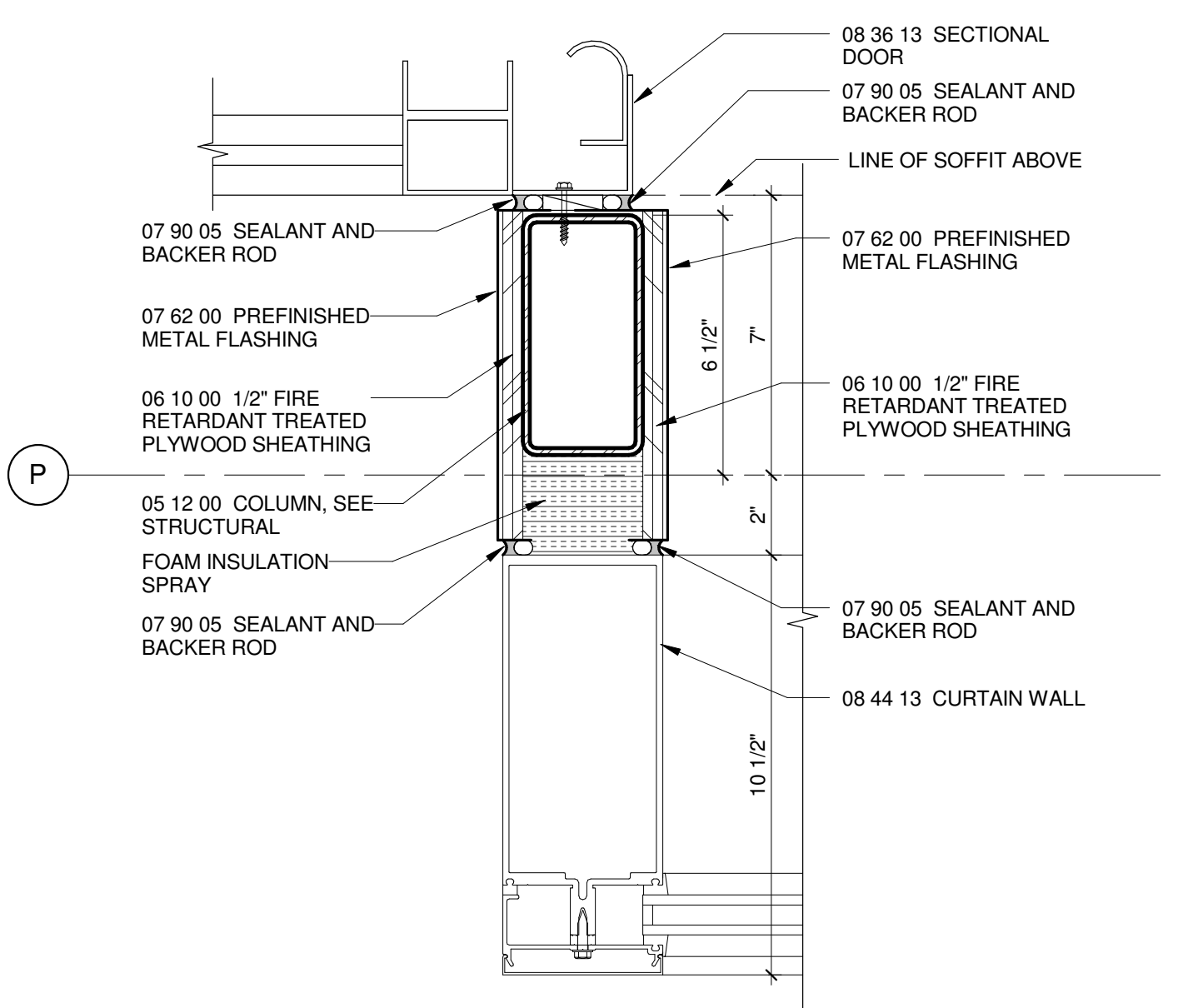
D5 CURTAINWALL AND SECTIONAL DOOR JAMB AT NORTH COMMONS WALL
3" = 1'-0"



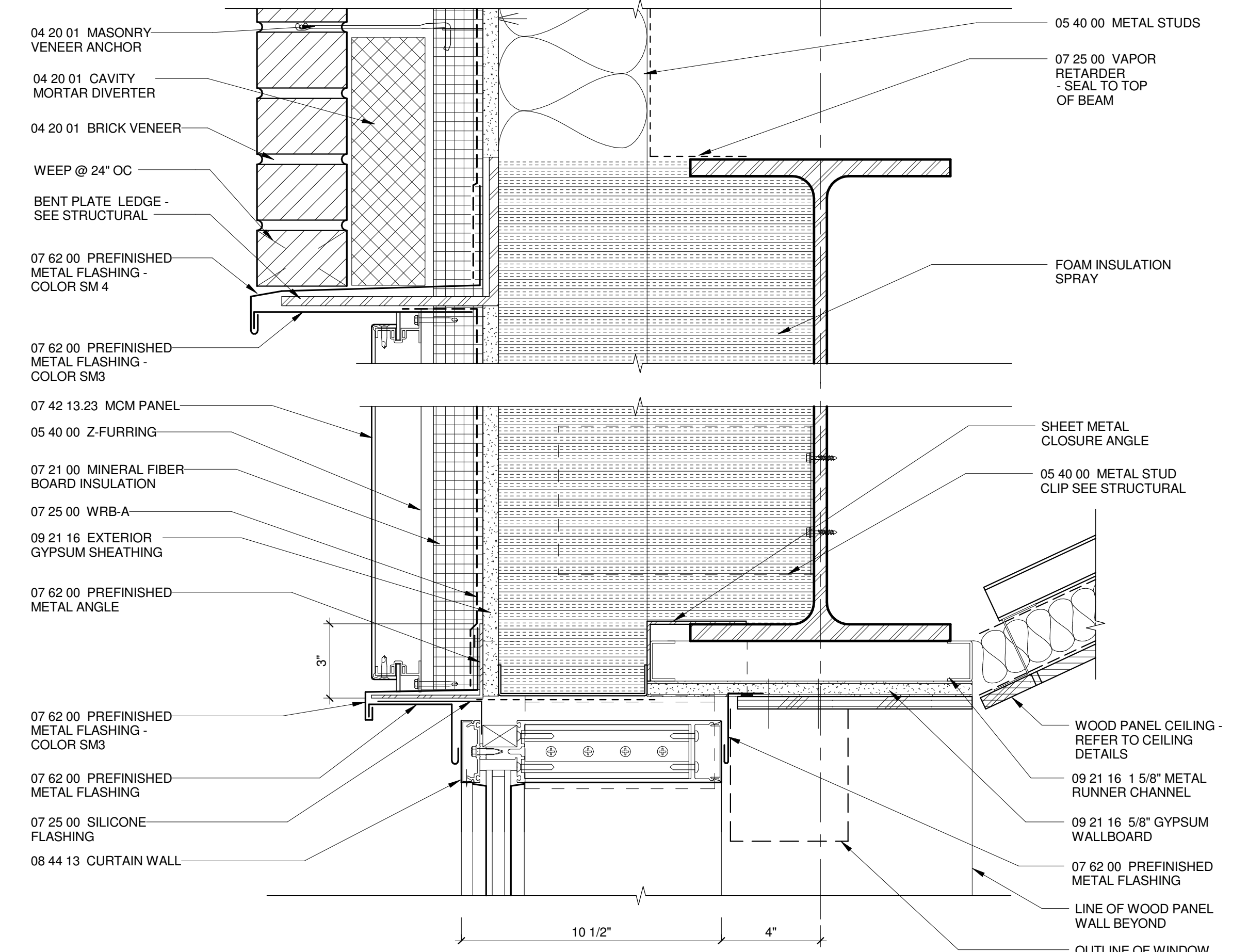
B5 CURTAINWALL JAMB PERPENDICULAR TO MCM AT SOUTH COMMONS WALL
3" = 1'-0"



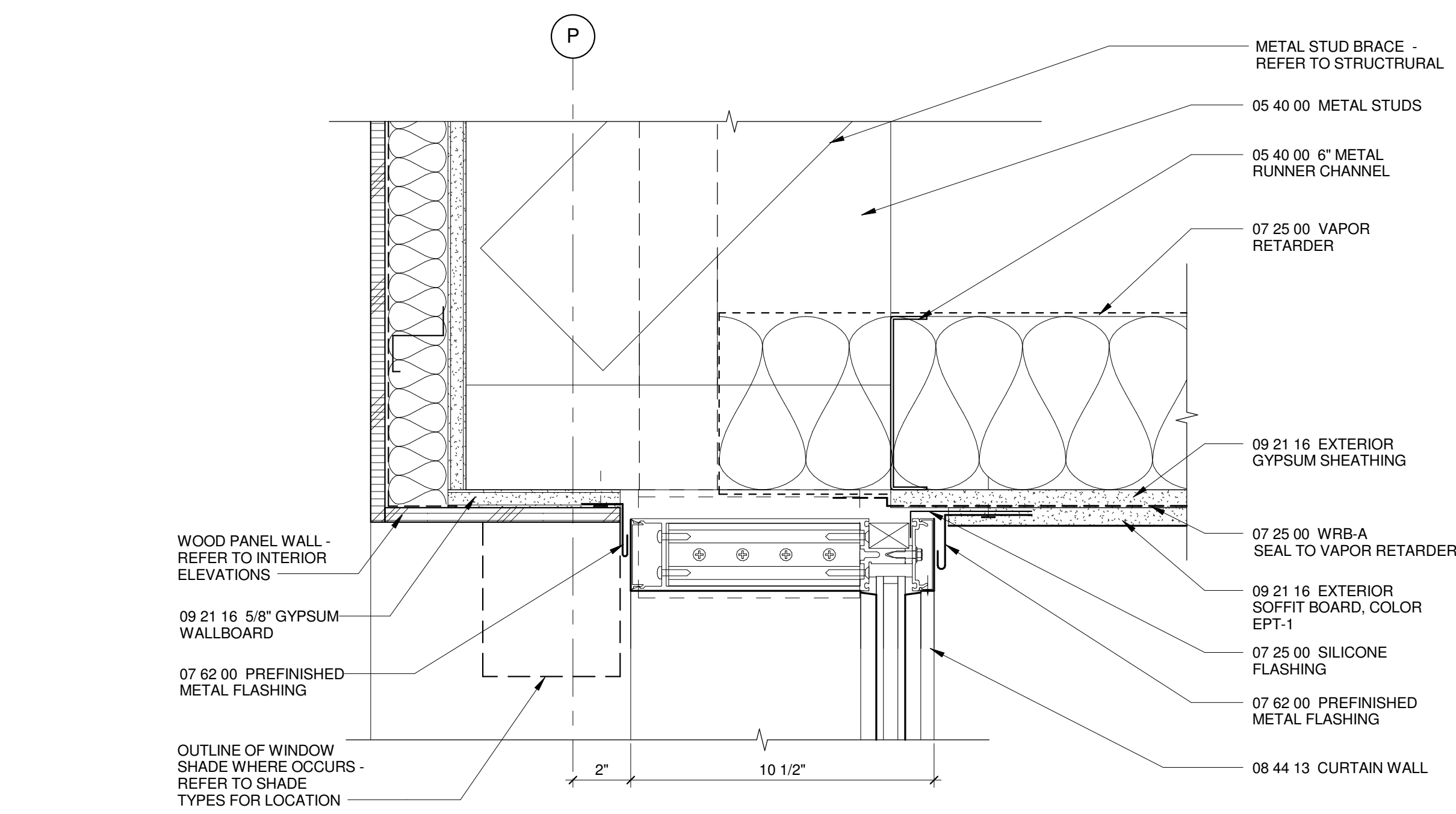
D3 CURTAINWALL JAMB AT BRICK AT NORTH COMMONS WALL
3" = 1'-0"



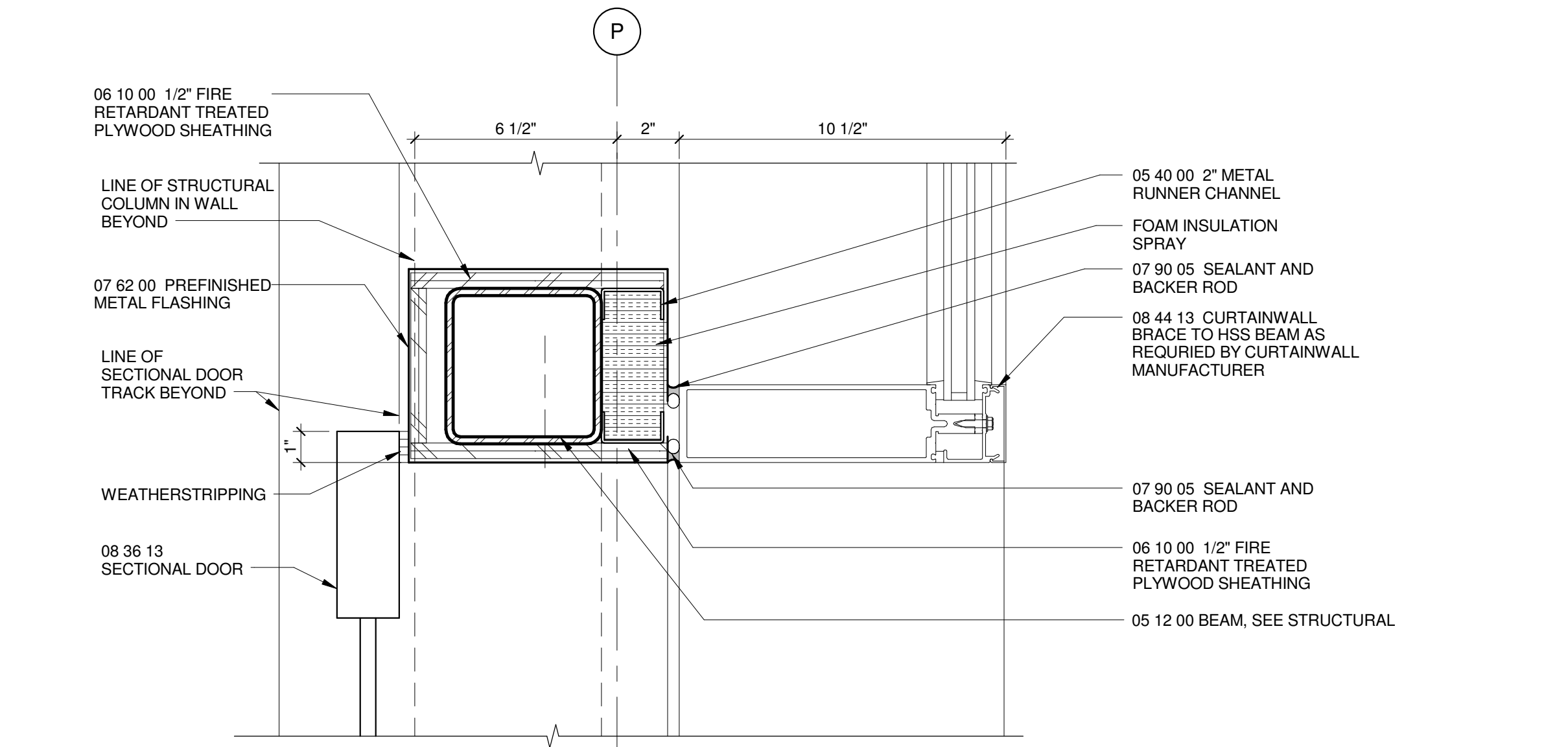
B3 SECTIONAL DOOR JAMB AT SOUTH COMMONS WALL
3" = 1'-0"



D1 COMMONS NORTH CURTAINWALL HEAD
3" = 1'-0"



B1 COMMONS SOUTH CURTAINWALL HEAD
3" = 1'-0"



A1 SECTIONAL DOOR HEAD AT CURTAINWALL
3" = 1'-0"

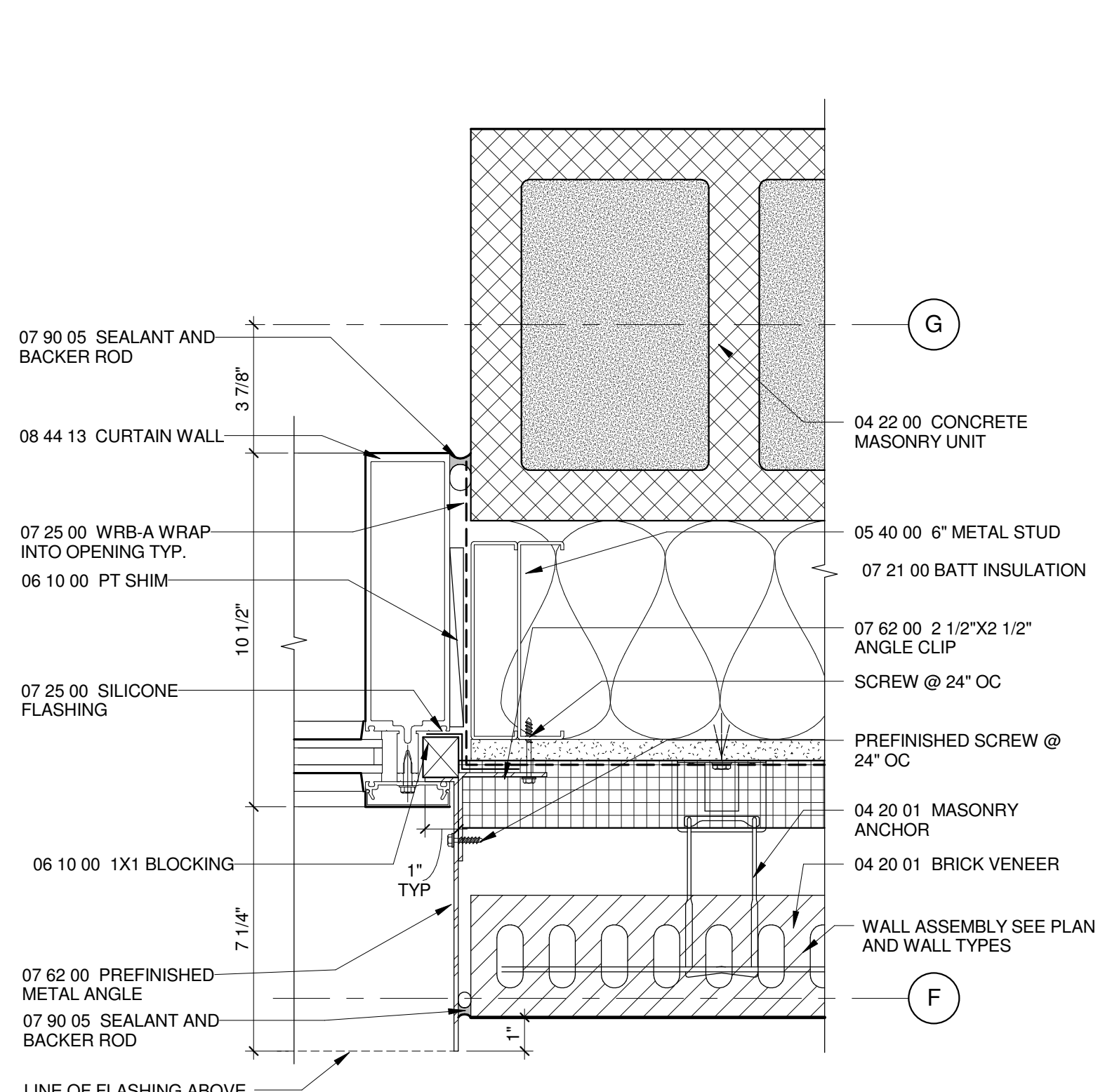
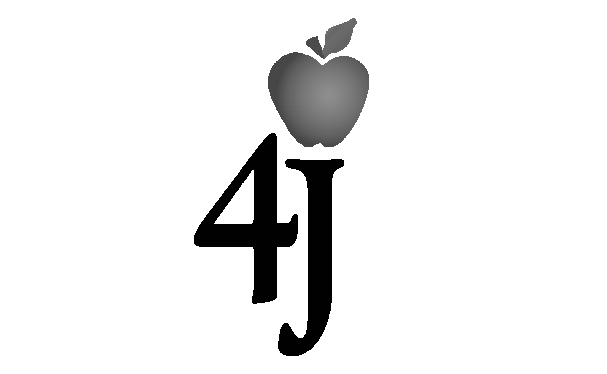
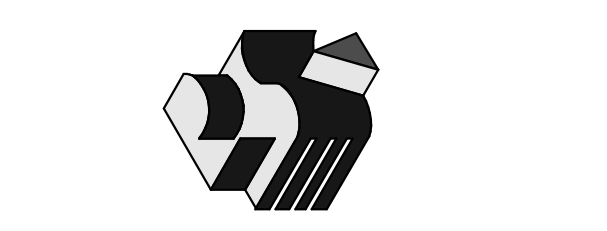
3/10/2015 11:28:47 PM \\SR\ER\Drawings\A\Documents\2013\13-0001\14_001_Jamb.rvt

| MARK | DATE | DESCRIPTION |
|------|-----------|-------------|
| 1 | 3-11-2015 | ADDENDUM 5 |

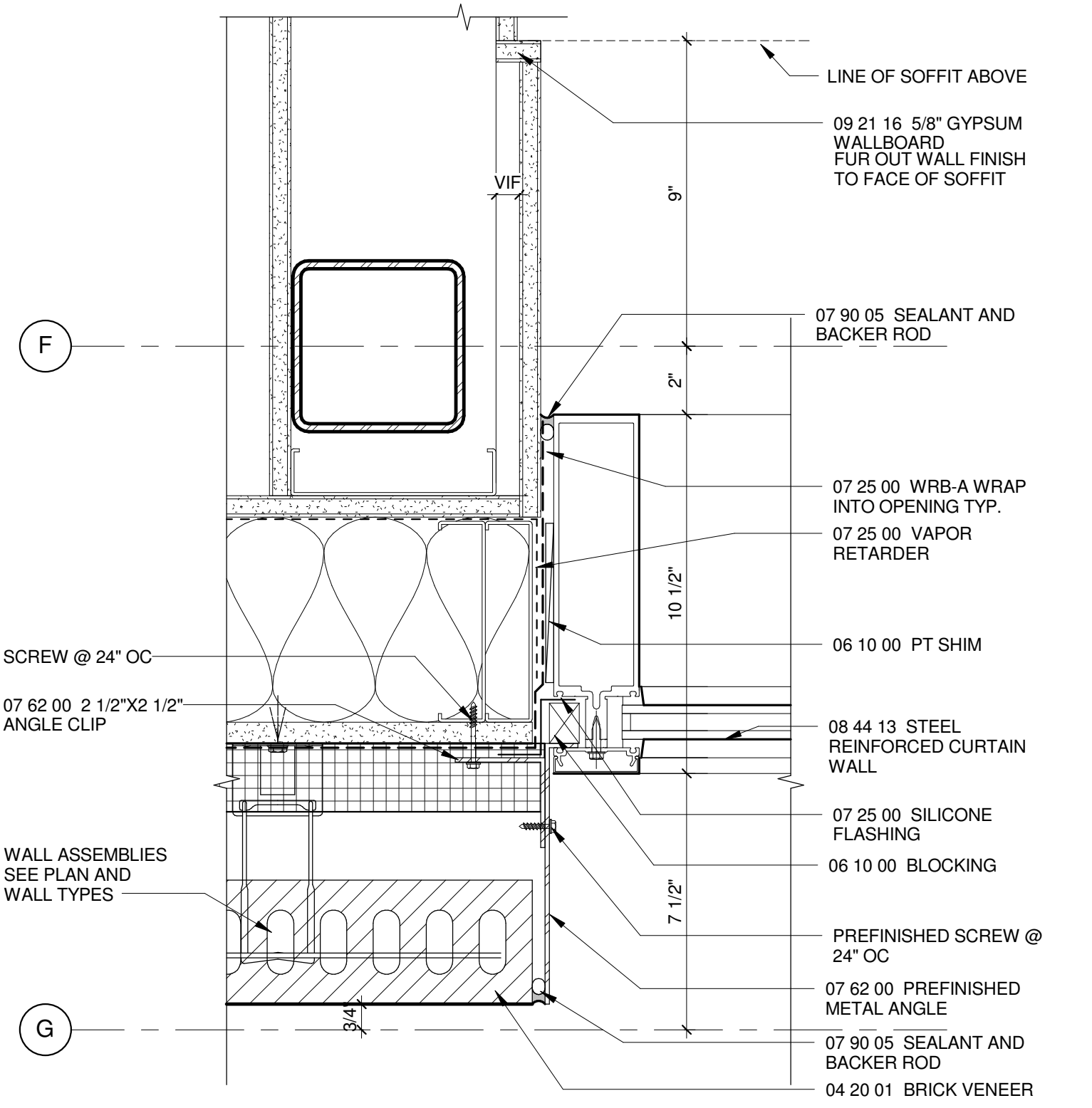
ISSUE DATE: FEBRUARY 18, 2015
ISSUE: CONSTRUCTION DOCUMENTS
VOLUME: PACKAGE 2 VOLUME 1

PROJECT NO: 2013912.00
DRAWN BY: LS
CHECKED BY: JMR

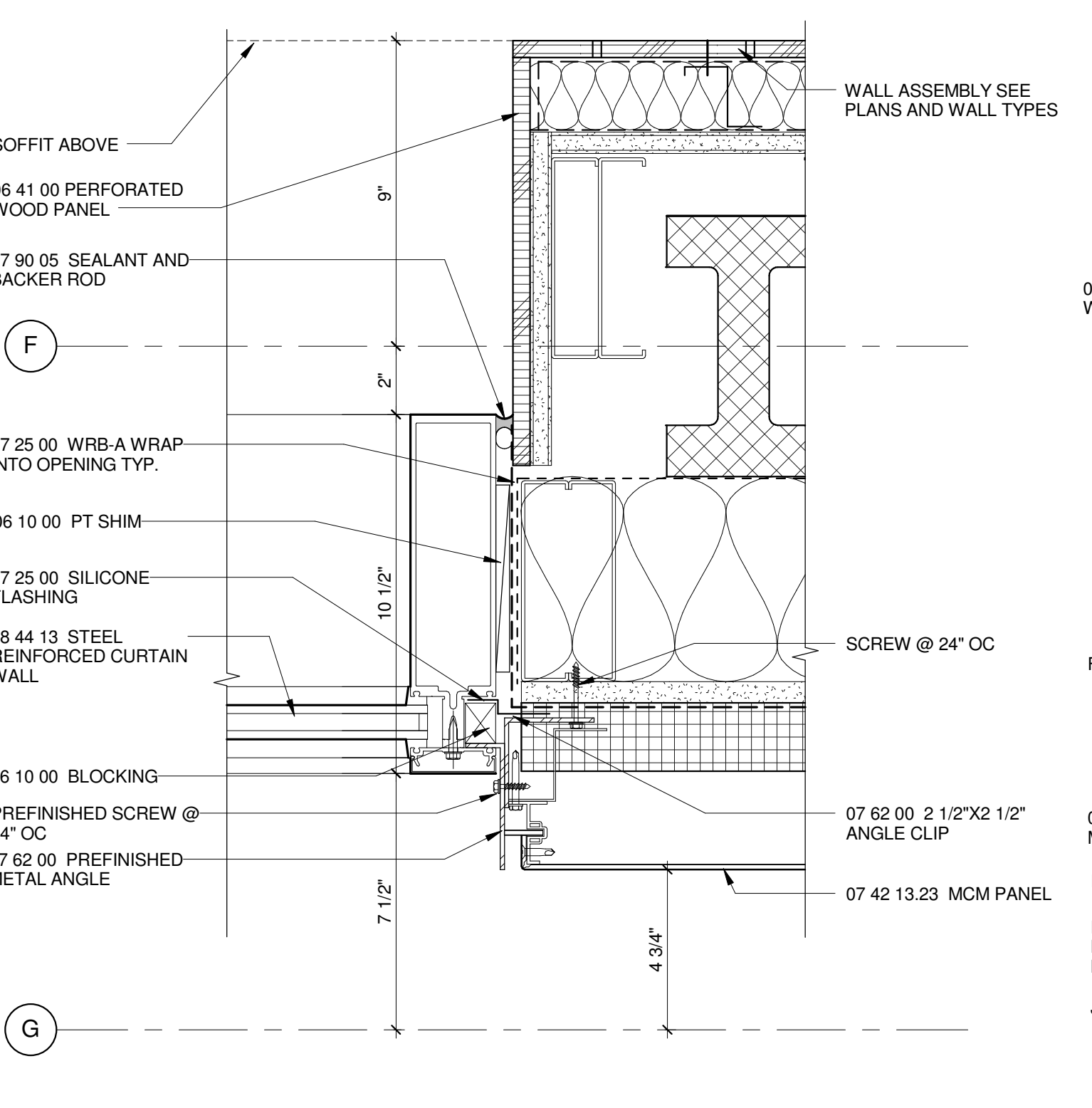
COPYRIGHT MAHLUM ARCHITECTS, INC. 2014 ORIGINAL SHEET SIZE: 30x42
CURTAINWALL DETAILS



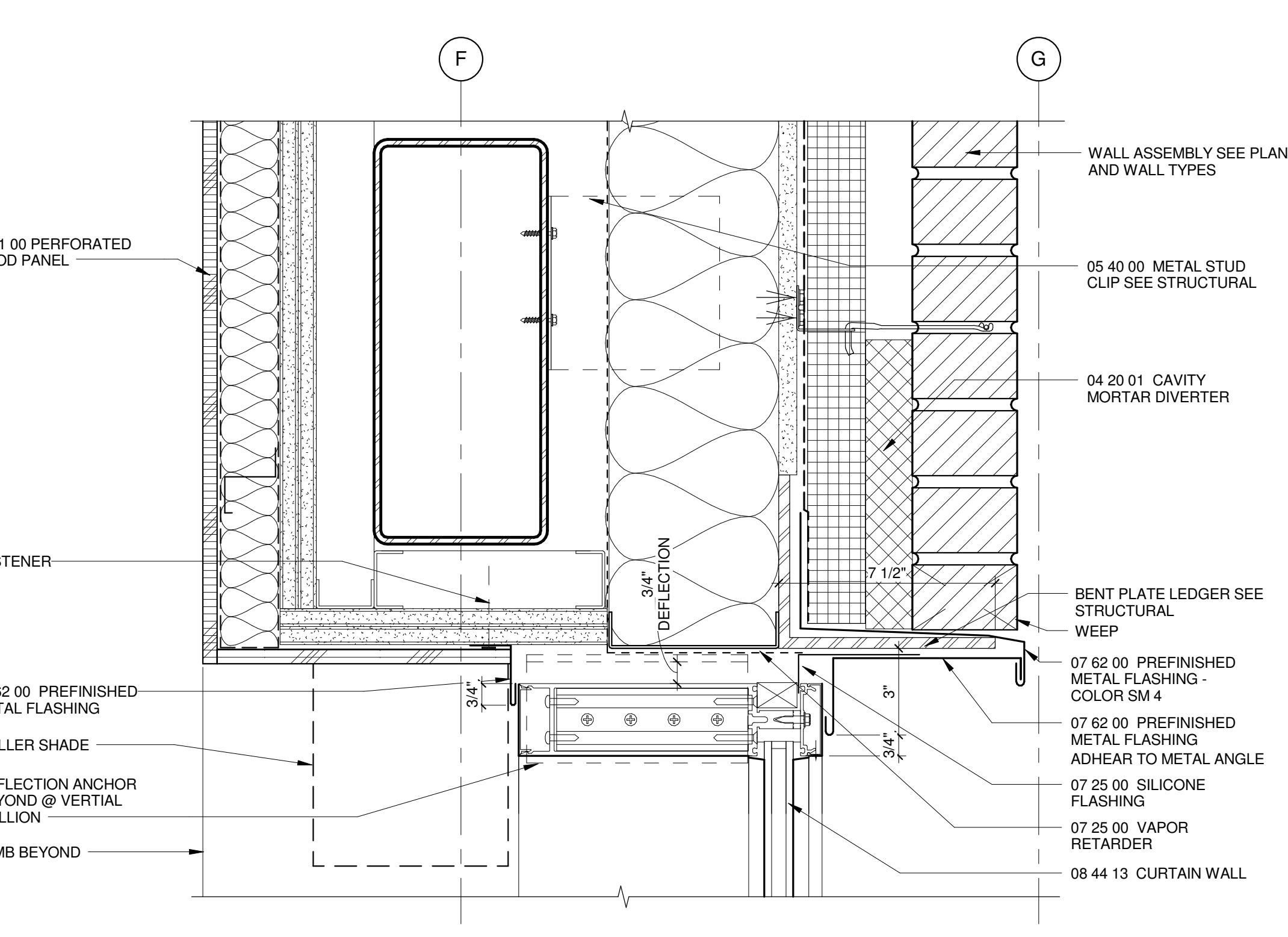
D1 CURTAINWALL JAMB AT GYM
 3" = 1'-0"



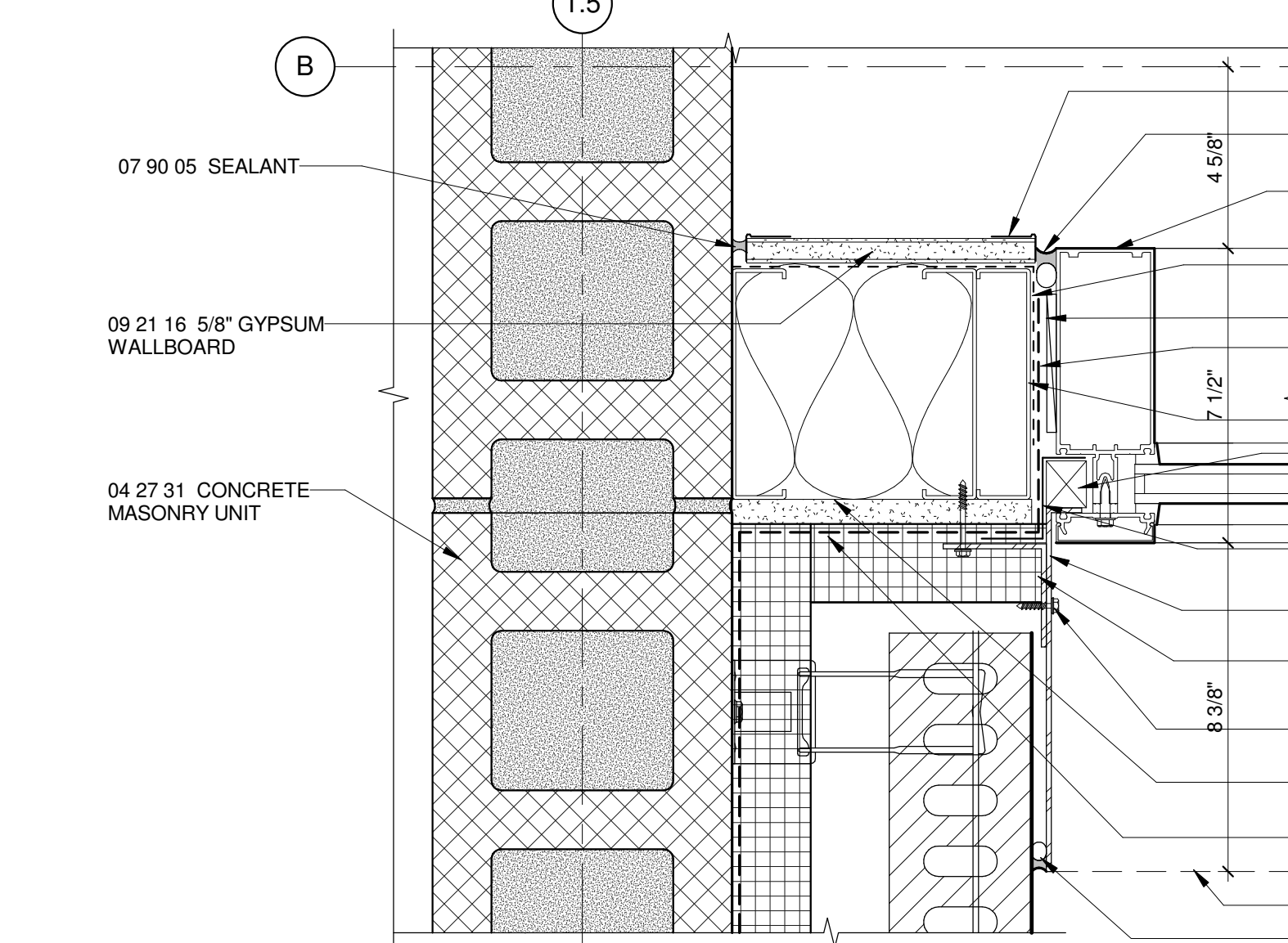
D2 WEST CURTAINWALL JAMB AT FORUM
 3" = 1'-0"



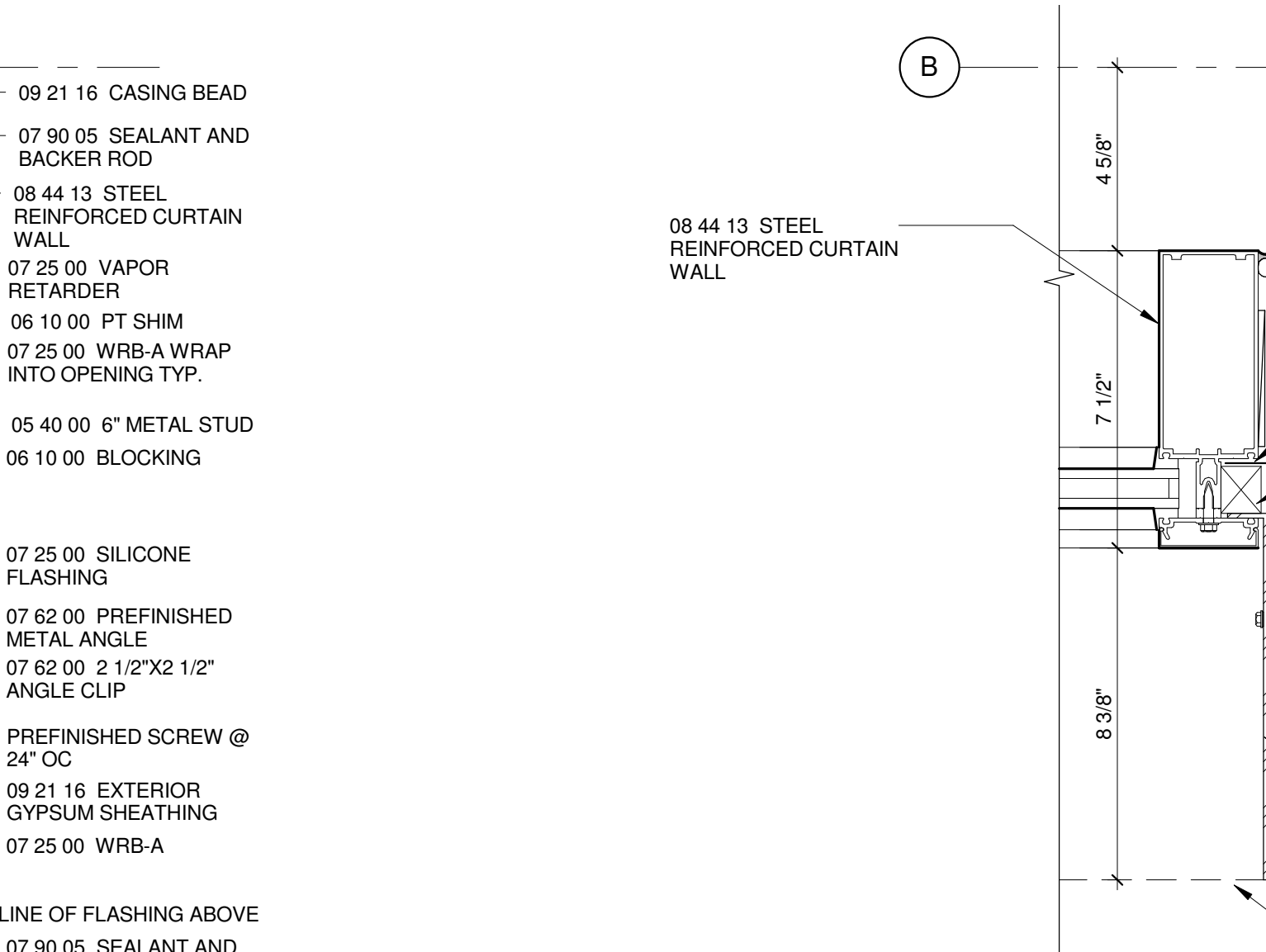
D3 EAST CURTAINWALL JAMB AT FORUM
 3" = 1'-0"



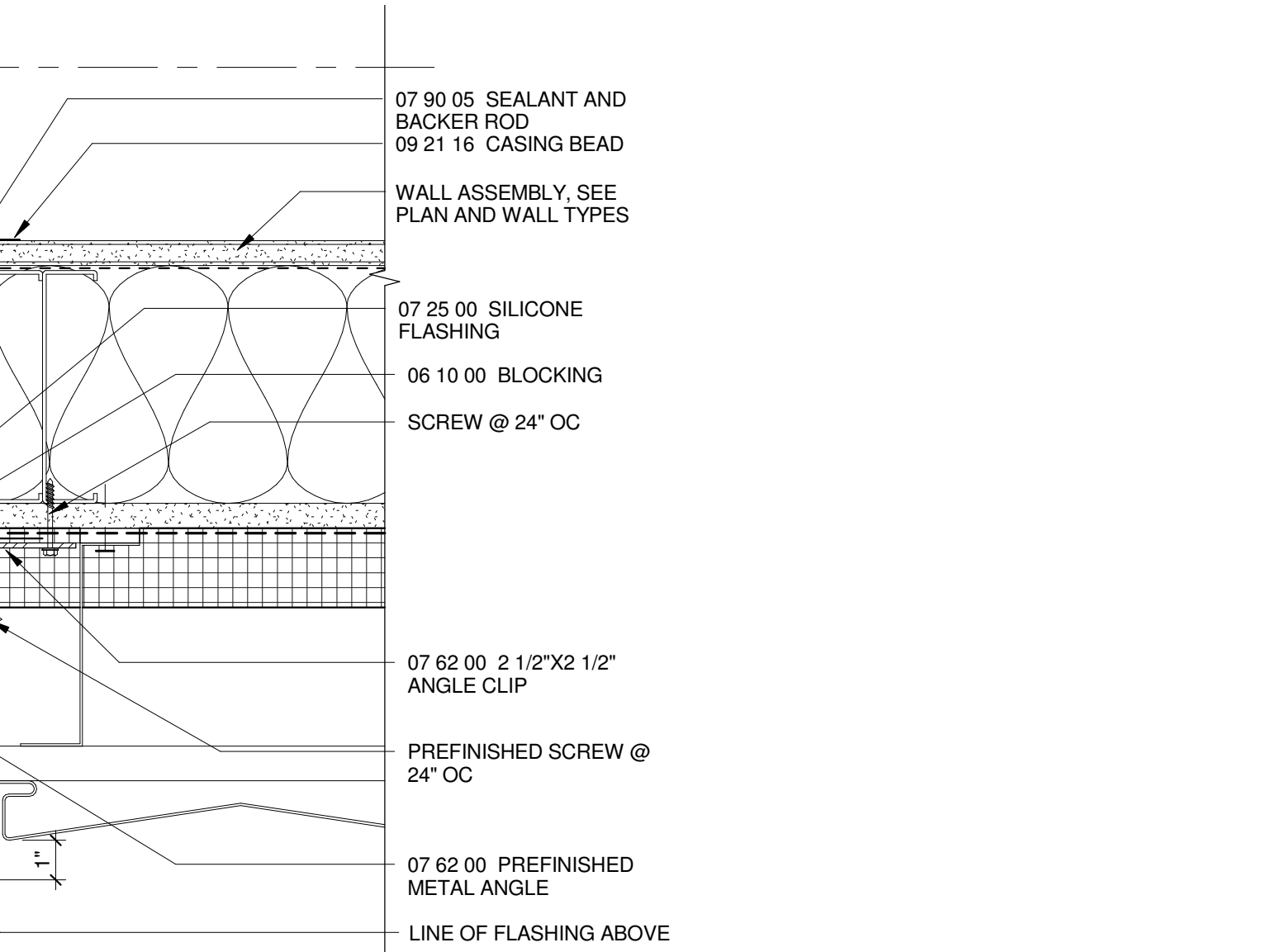
D5 CURTAINWALL HEAD AT FORUM
 3" = 1'-0"



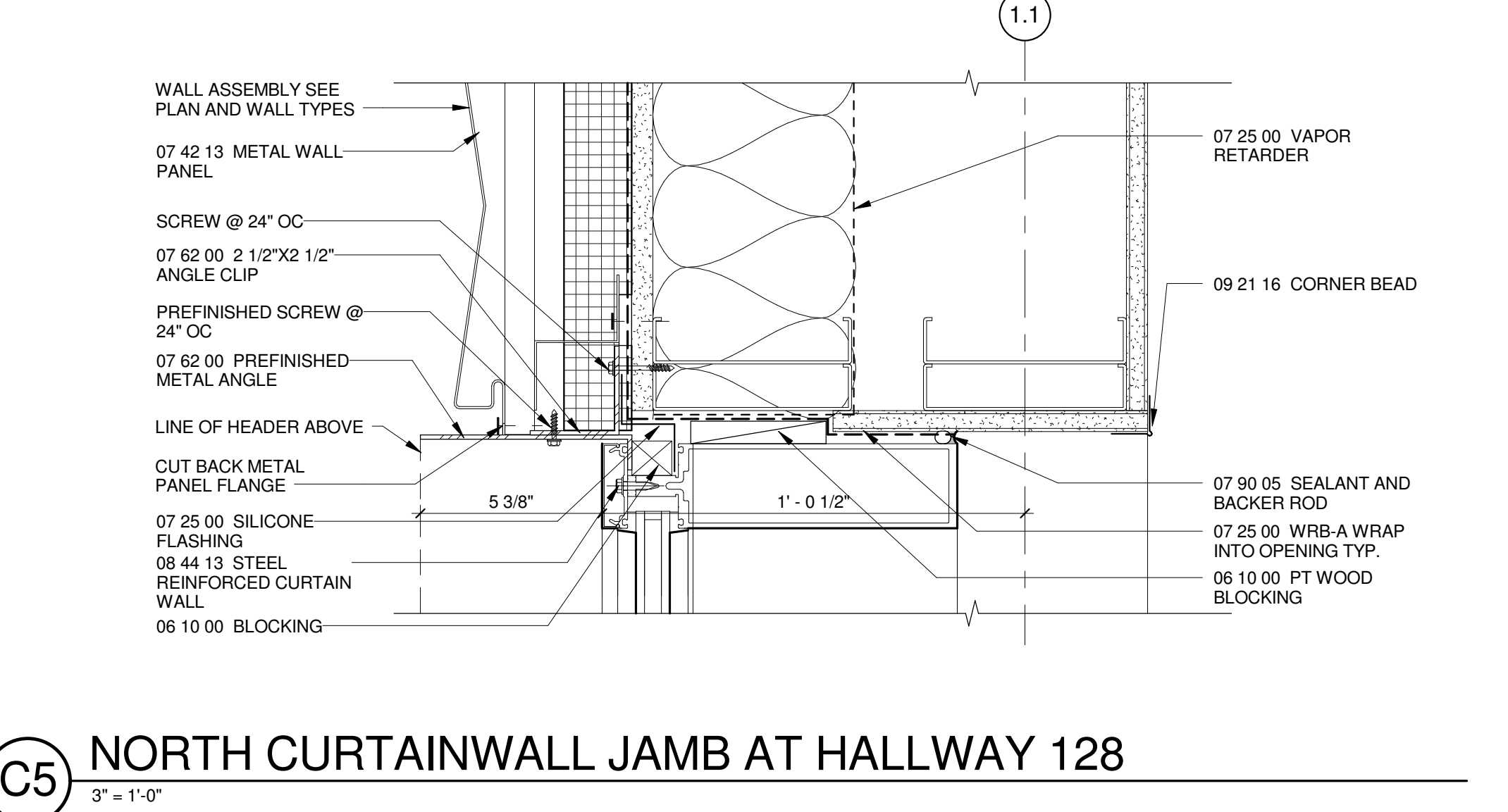
C1 EAST CURTAINWALL JAMB AT STAIR 1
 3" = 1'-0"



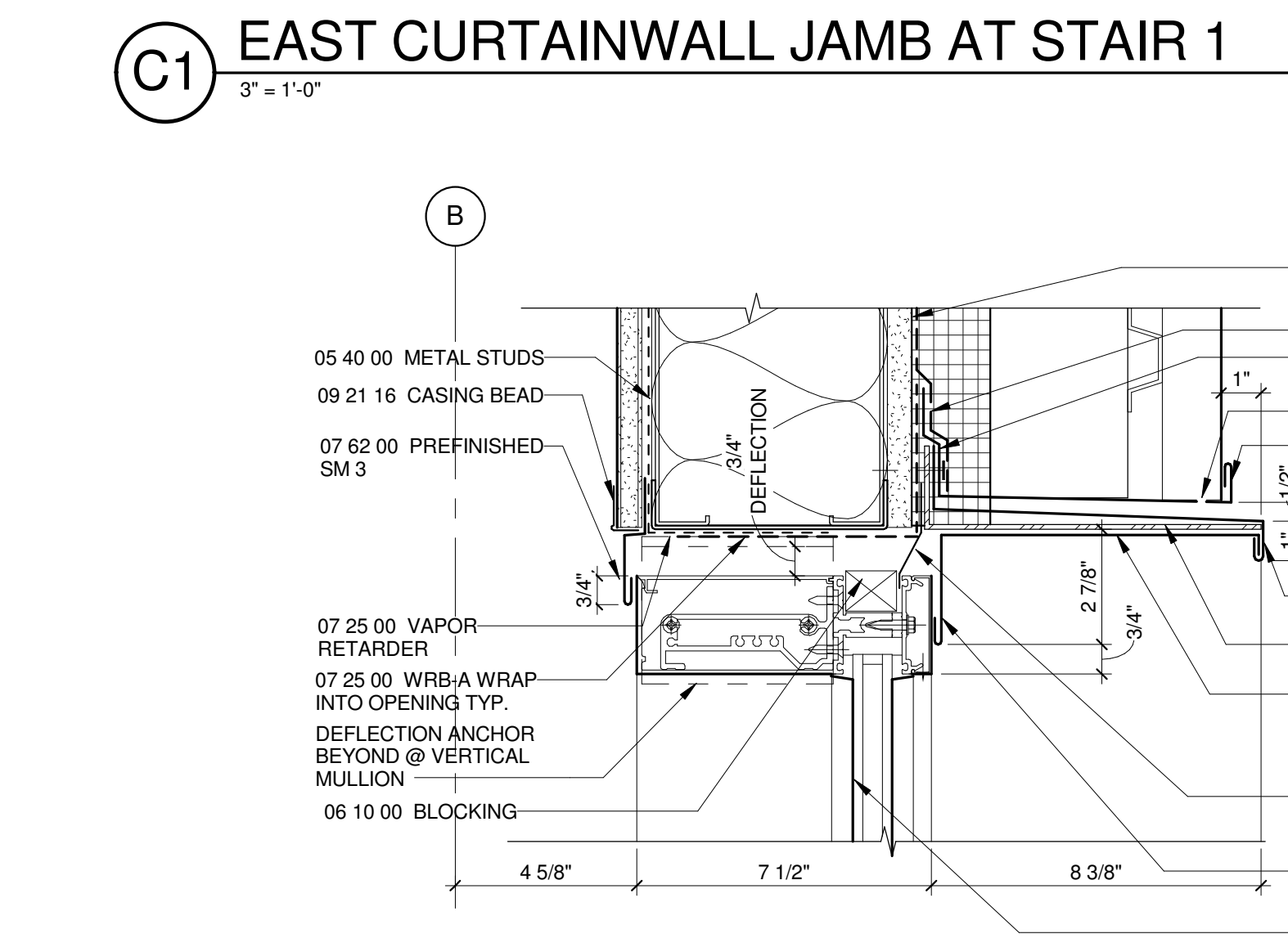
C3 WEST CURTAINWALL JAMB AT STAIR 1
 3" = 1'-0"



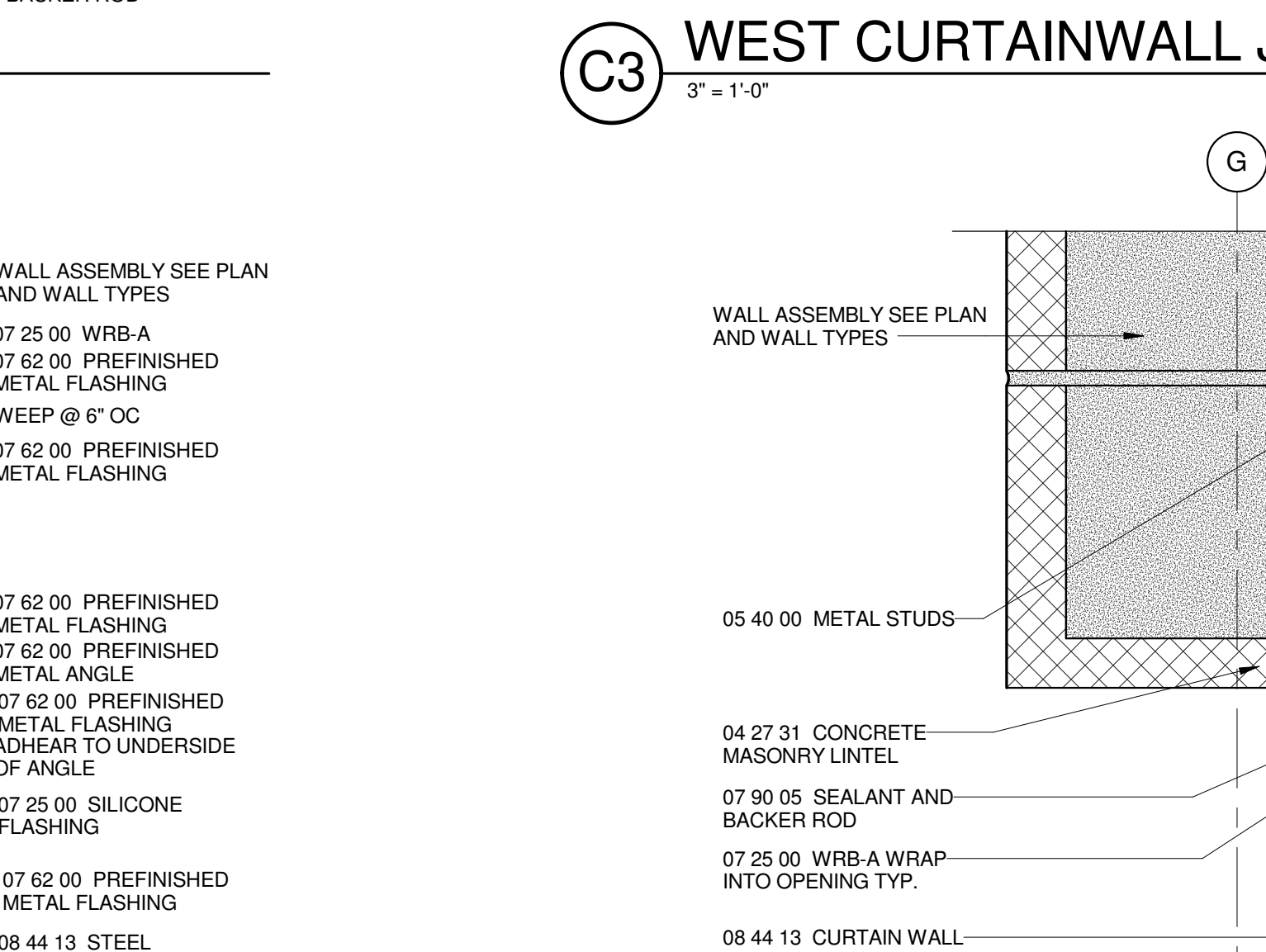
C5 NORTH CURTAINWALL JAMB AT HALLWAY 128
 3" = 1'-0"



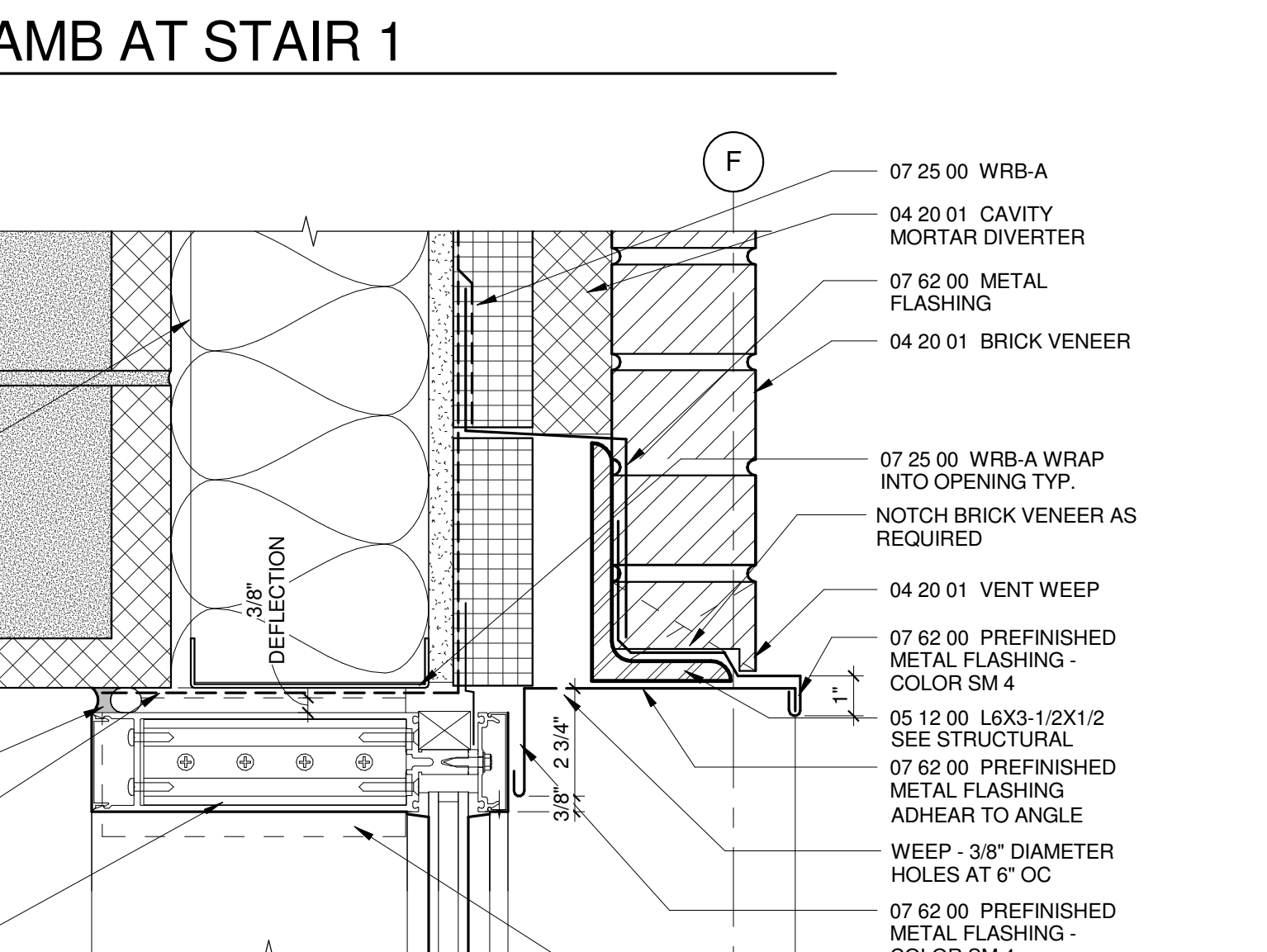
B5 SOUTH CURTAINWALL JAMB AT HALLWAY 128
 3" = 1'-0"



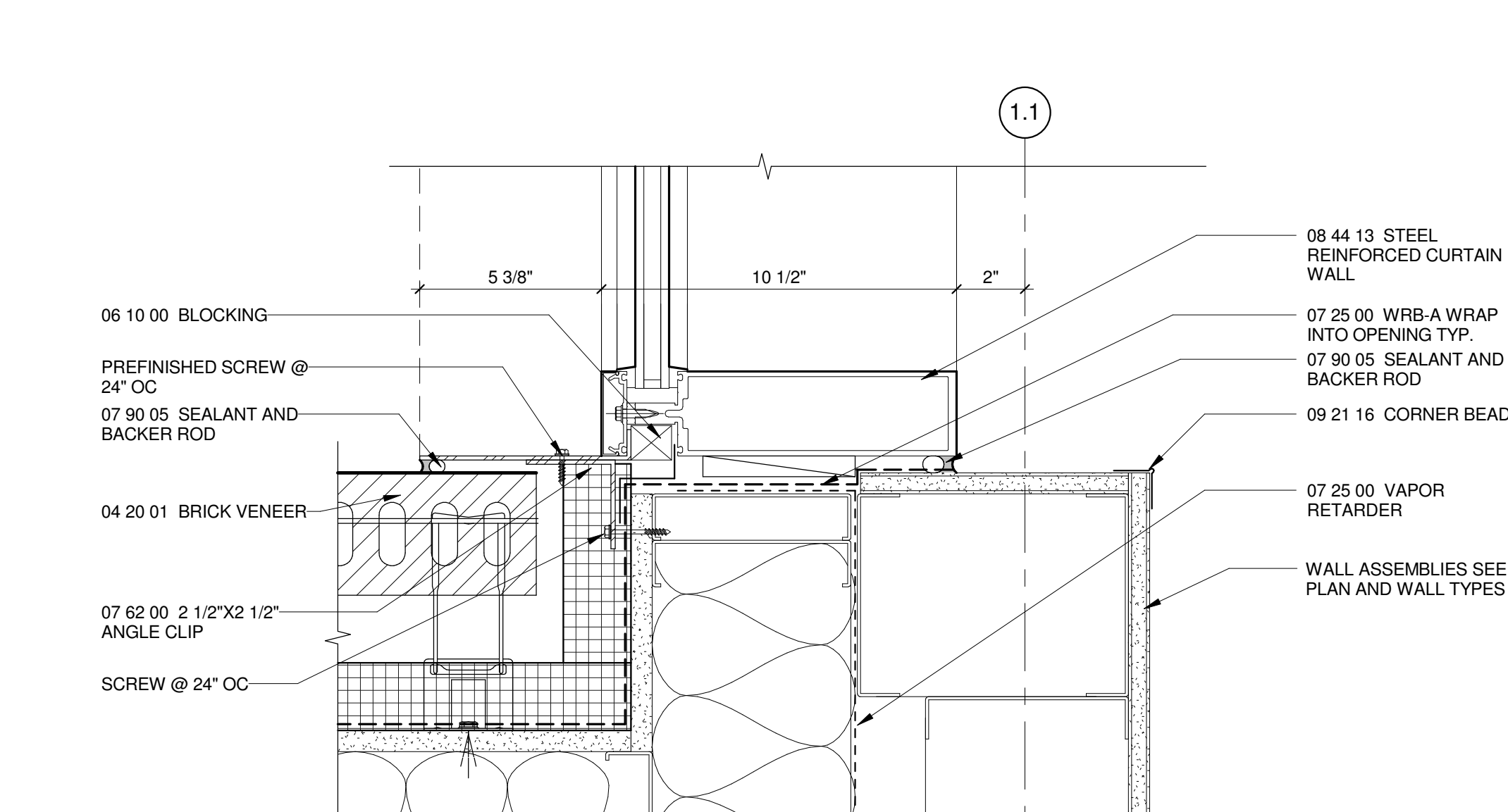
B1 CURTAINWALL HEAD AT STAIR 1
 3" = 1'-0"



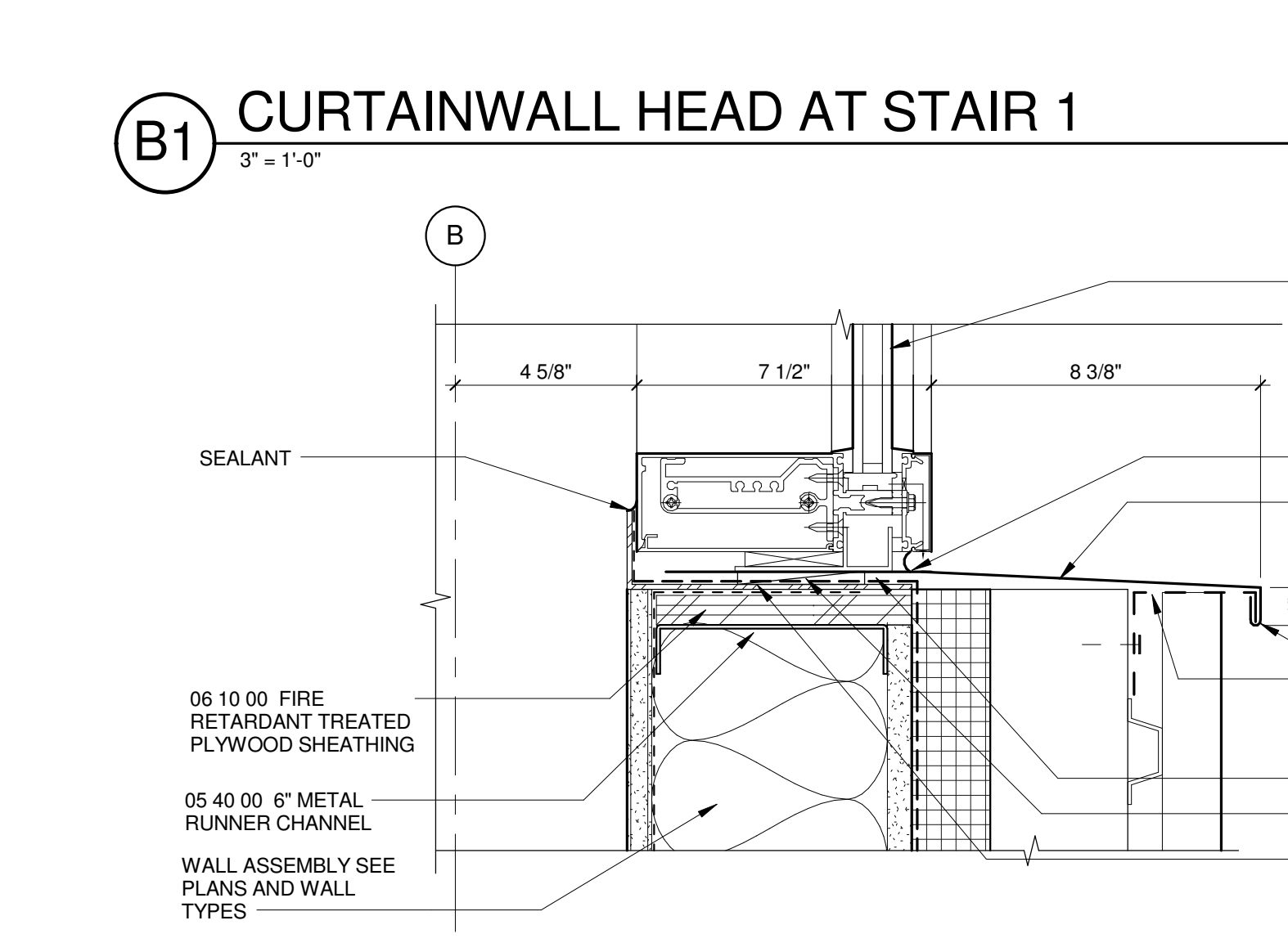
B3 CURTAINWALL HEAD AT GYM
 3" = 1'-0"



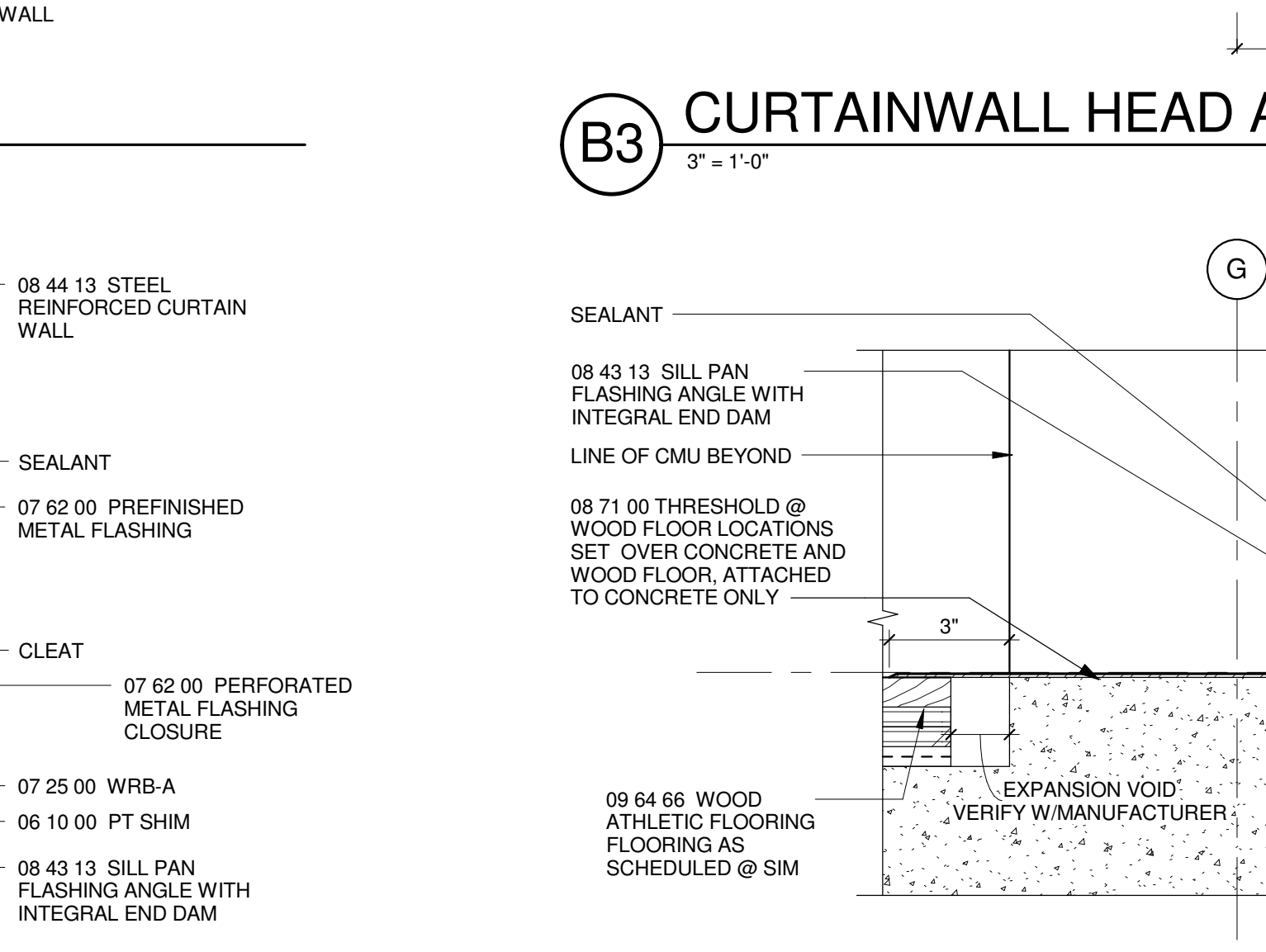
A3 CURTAINWALL SILL @ FLOOR
 3" = 1'-0"



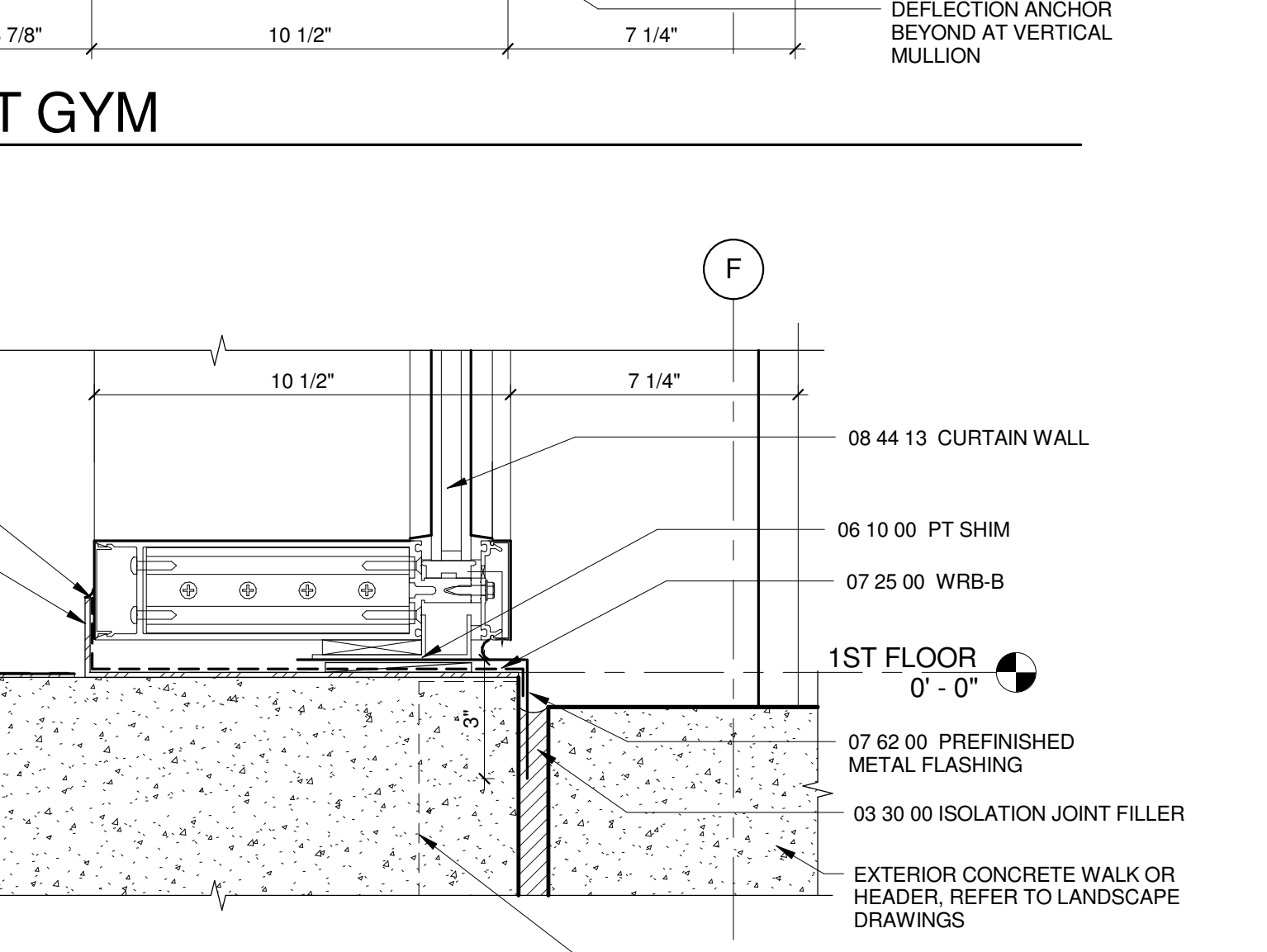
A5 CURTAINWALL HEAD AT HALLWAY 128
 3" = 1'-0"



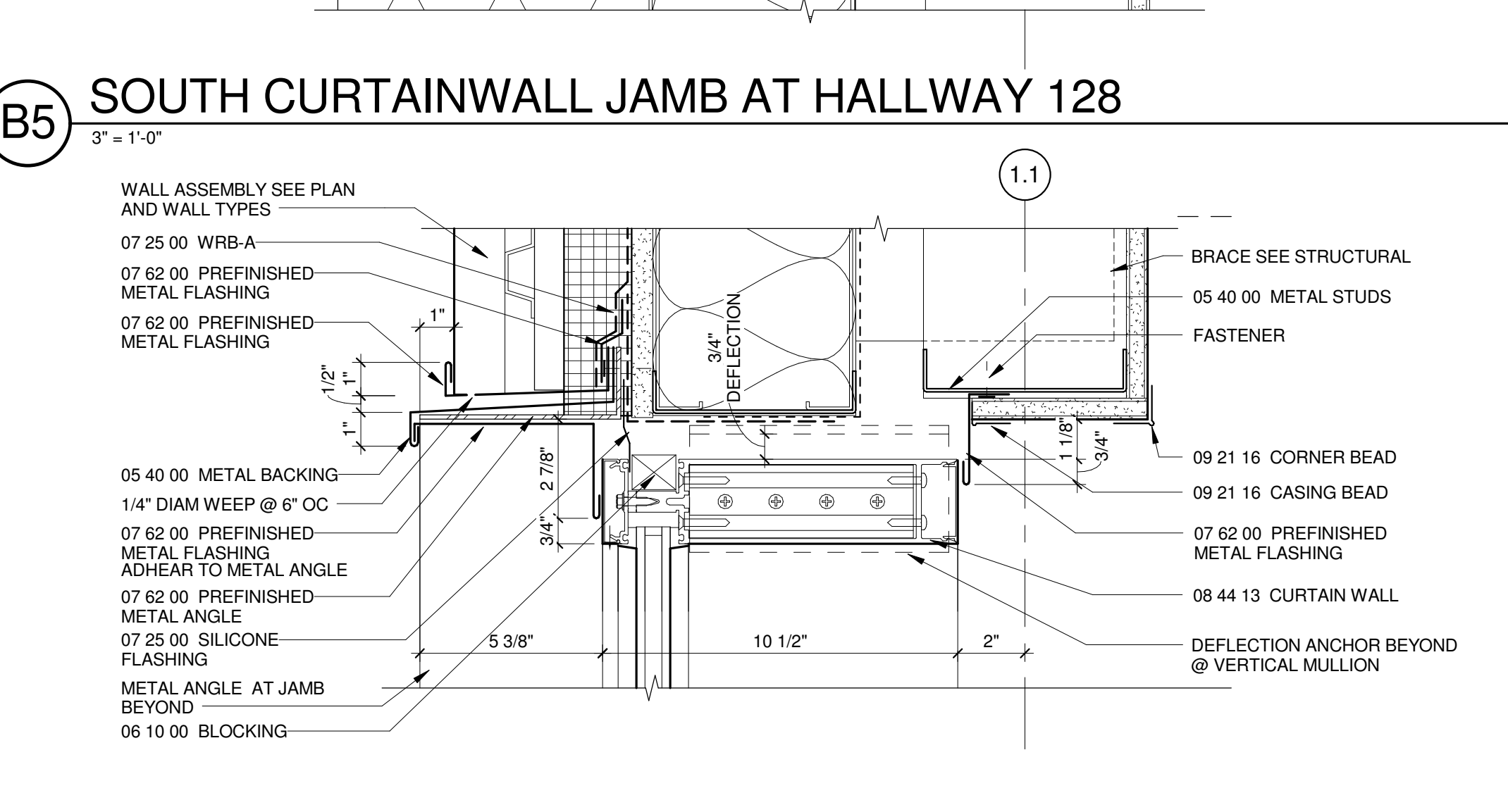
A1 CURTAINWALL SILL AT STAIR 1
 3" = 1'-0"



A3 CURTAINWALL SILL @ FLOOR
 3" = 1'-0"



A5 CURTAINWALL HEAD AT HALLWAY 128
 3" = 1'-0"

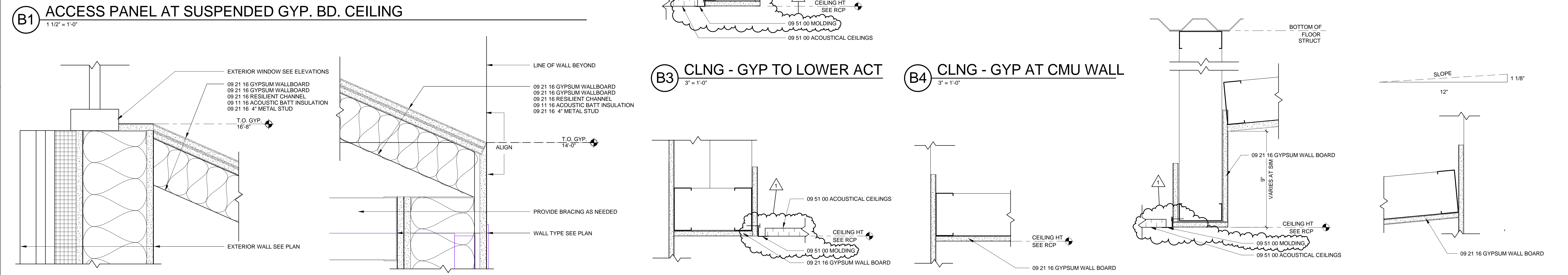
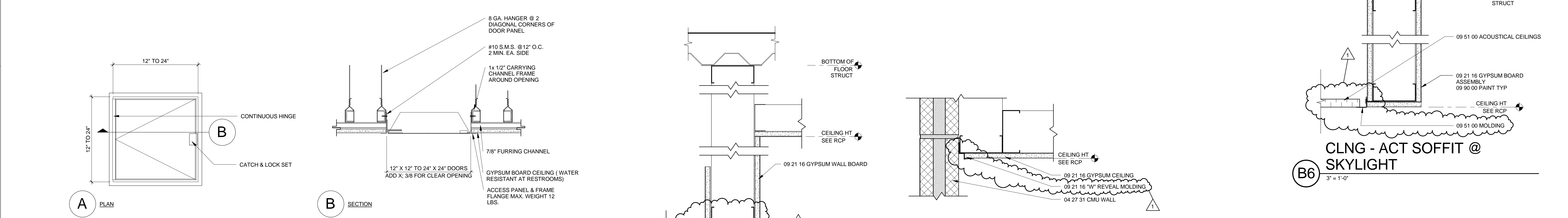
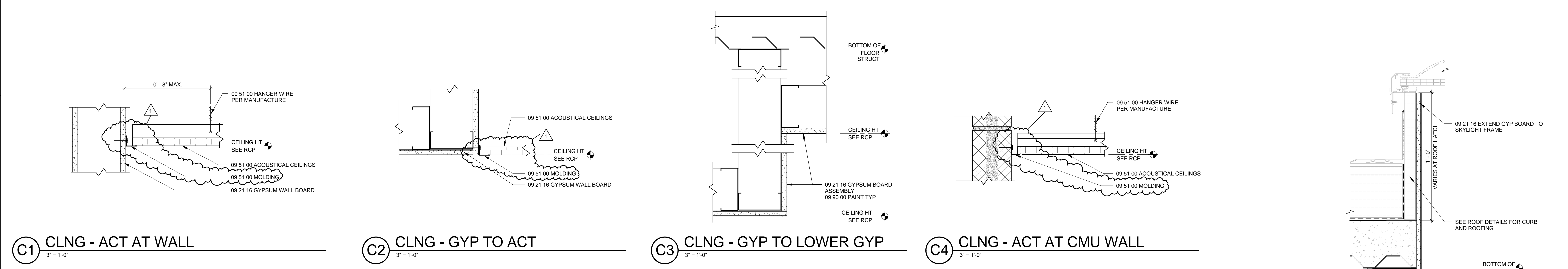
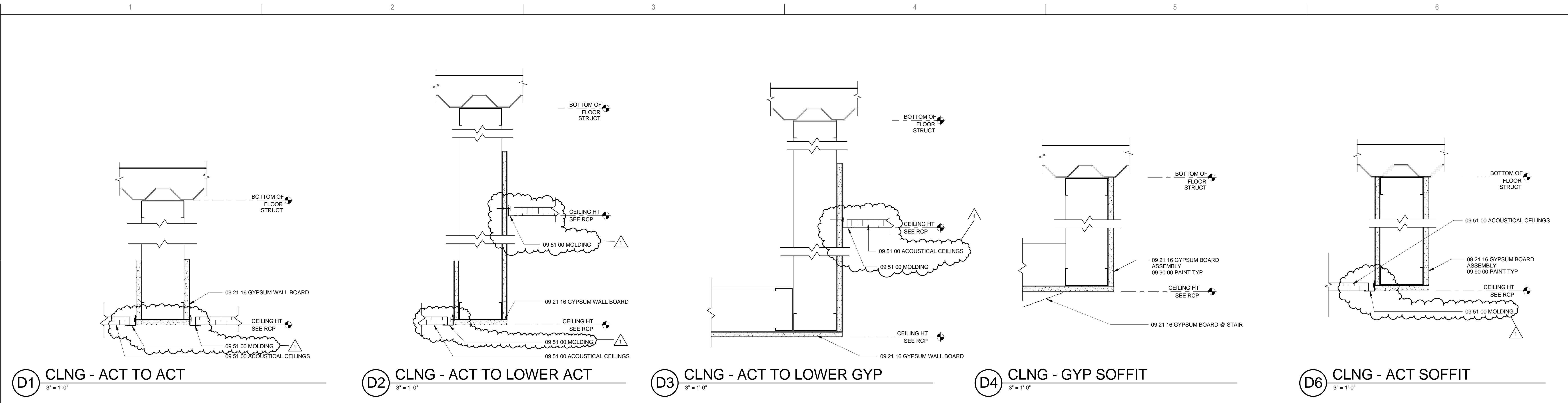


A5 CURTAINWALL HEAD AT HALLWAY 128
 3" = 1'-0"

S:\E\ER\Drawings\A\Documents\2013912\A5_454_1.dwg, 1/11/15

| MARK | DATE | DESCRIPTION |
|---|-----------|-------------|
| 1 | 3-11-2015 | ADDENDUM 5 |
| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
| VOLUME: PACKAGE 2 VOLUME 1 | | |
| PROJECT NO: 2013912.00 | | |
| DRAWN BY: LS | | |
| CHECKED BY: DG | | |
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CURTAINWALL DETAILS



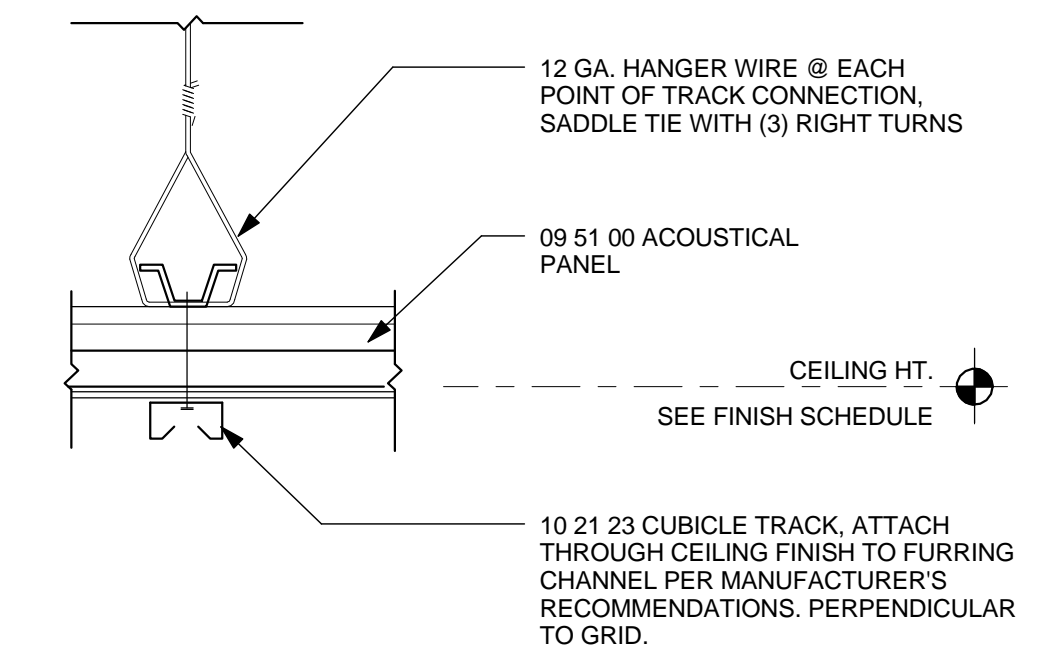
| MARK | DATE | DESCRIPTION |
|------|-----------|-------------|
| 1 | 3-11-2015 | ADDENDUM 5 |

ISSUE DATE: FEBRUARY 18, 2015
 ISSUE: CONSTRUCTION DOCUMENTS
 VOLUME: PACKAGE 2 VOLUME 1

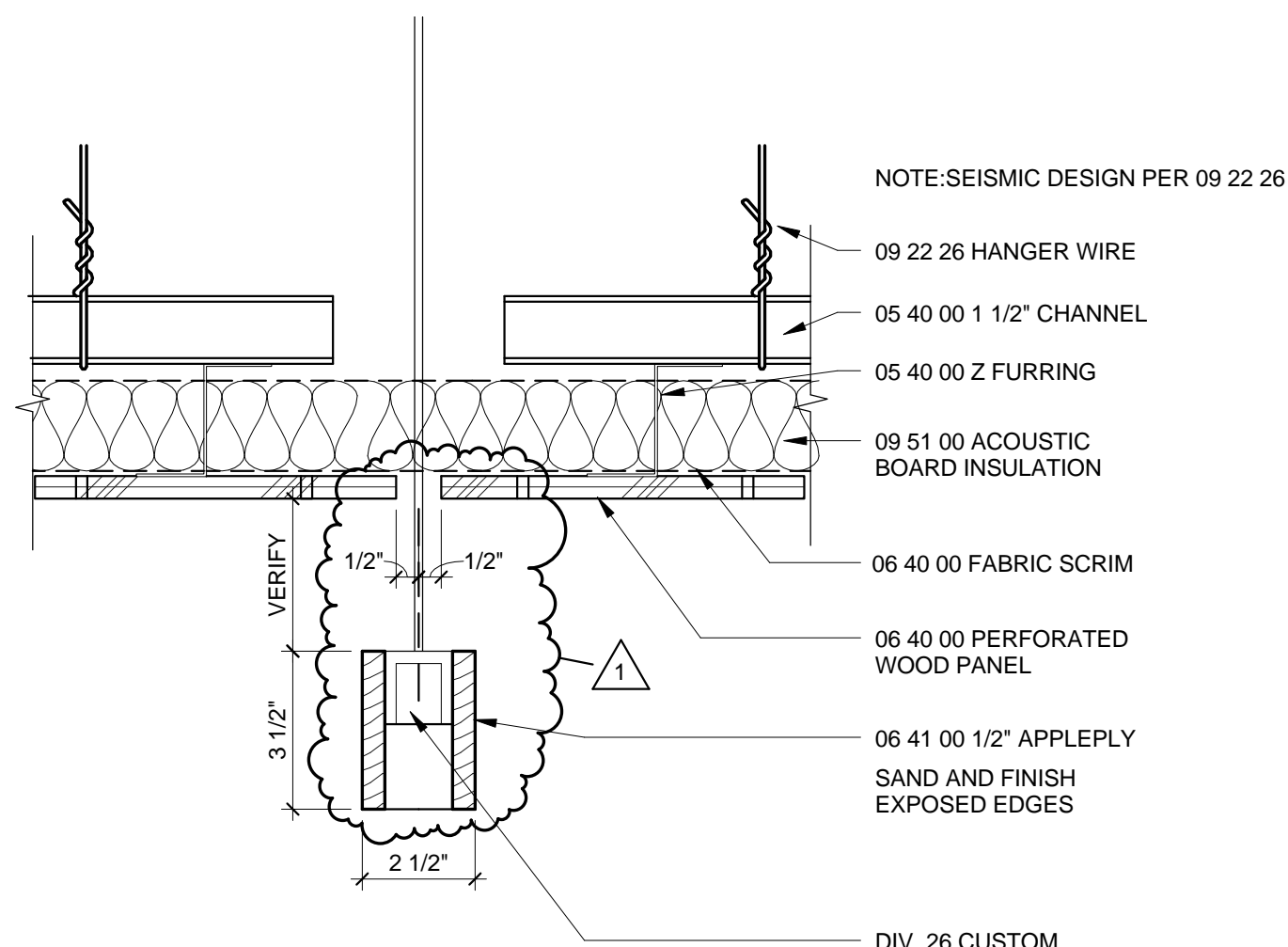
PROJECT NO.: 2013912.00
 DRAWN BY: AC
 CHECKED BY: DE

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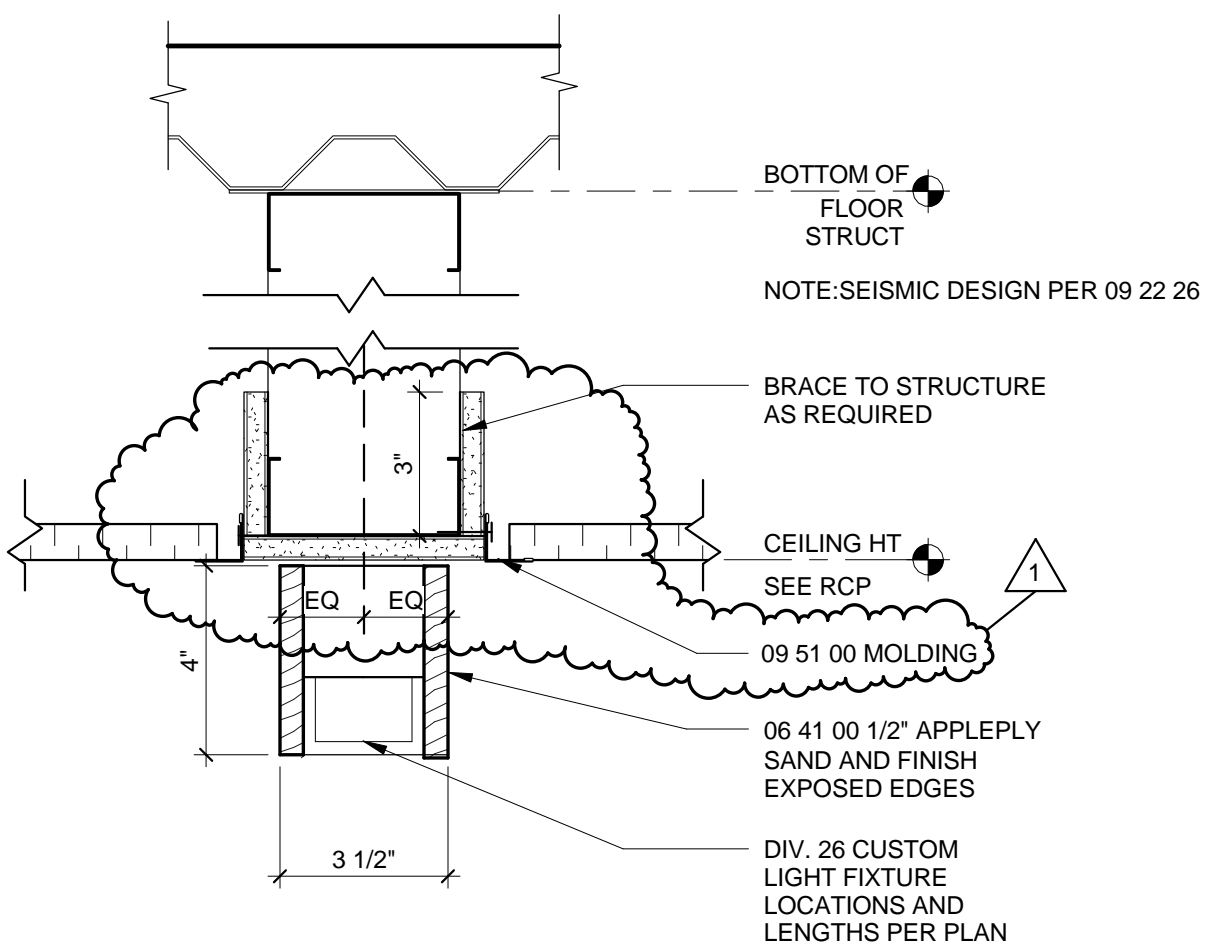
INTERIOR CEILING DETAILS



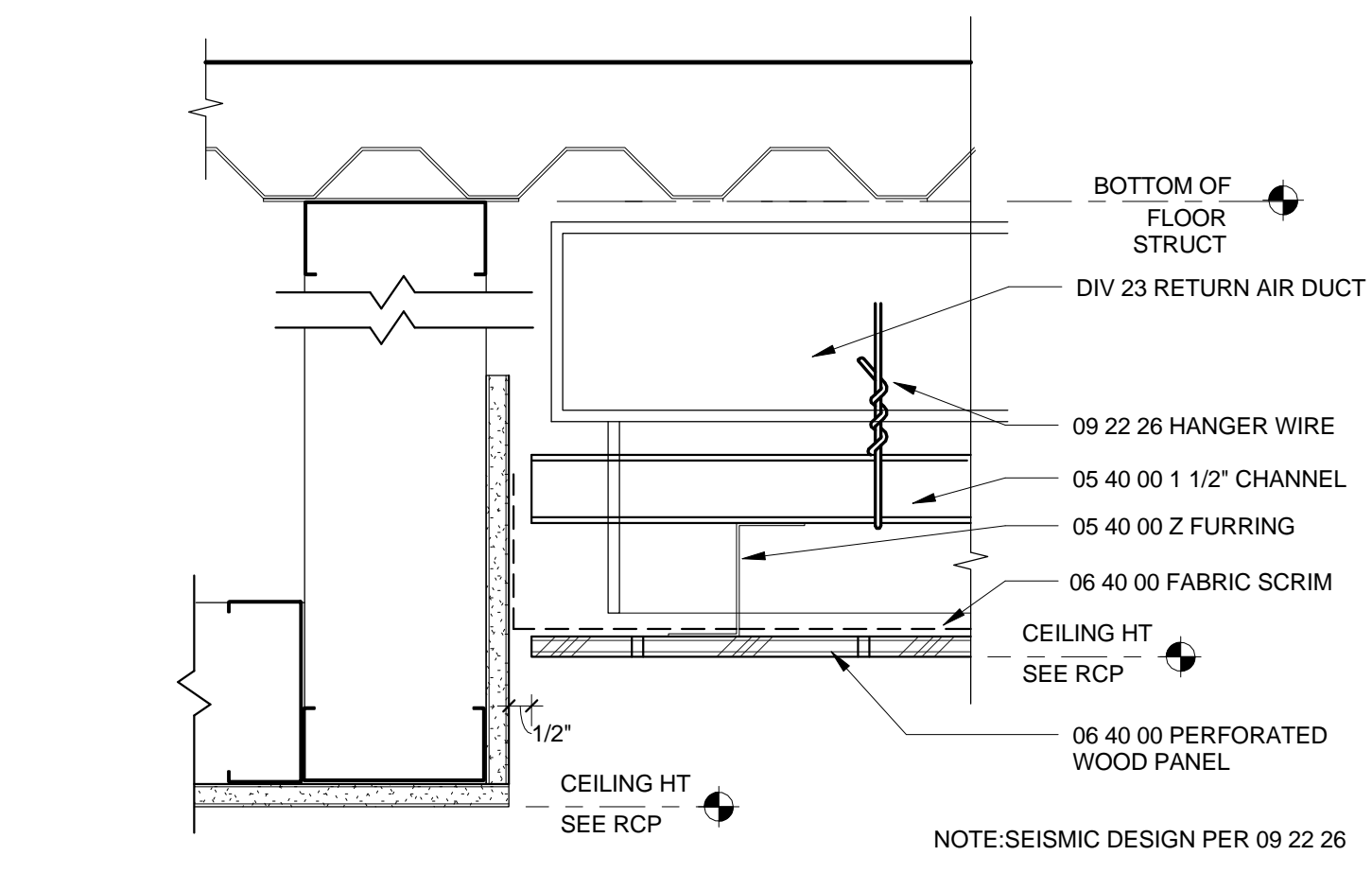
E6 CLNG - CUBICLE CURTAIN TRACK
3" = 1'-0"



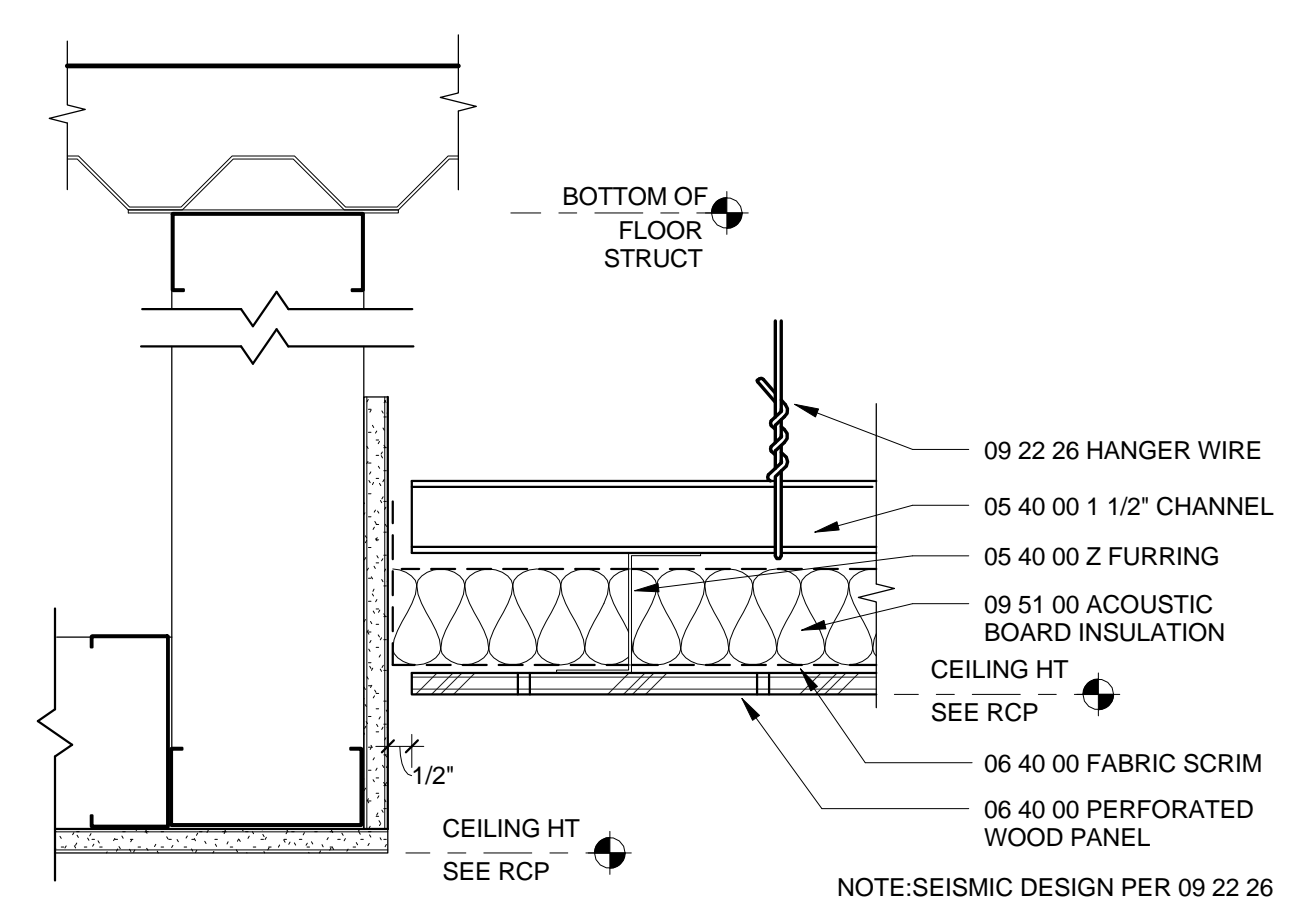
D1 CLNG - CUSTOM LIGHT FIXTURE @ MEDIA
3" = 1'-0"



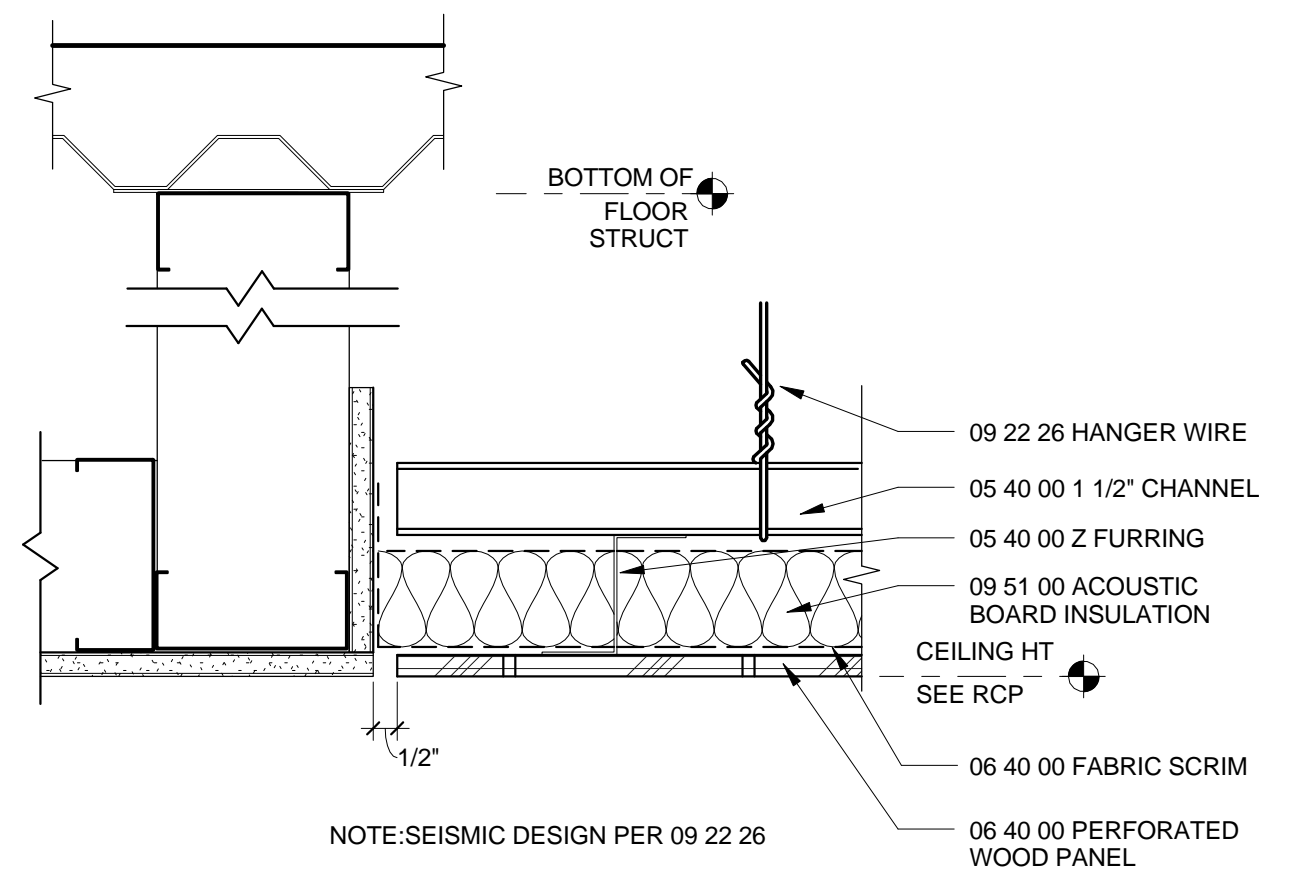
D2 CLNG - CUSTOM LIGHT FIXTURE AT SHARED LEARNING
3" = 1'-0"



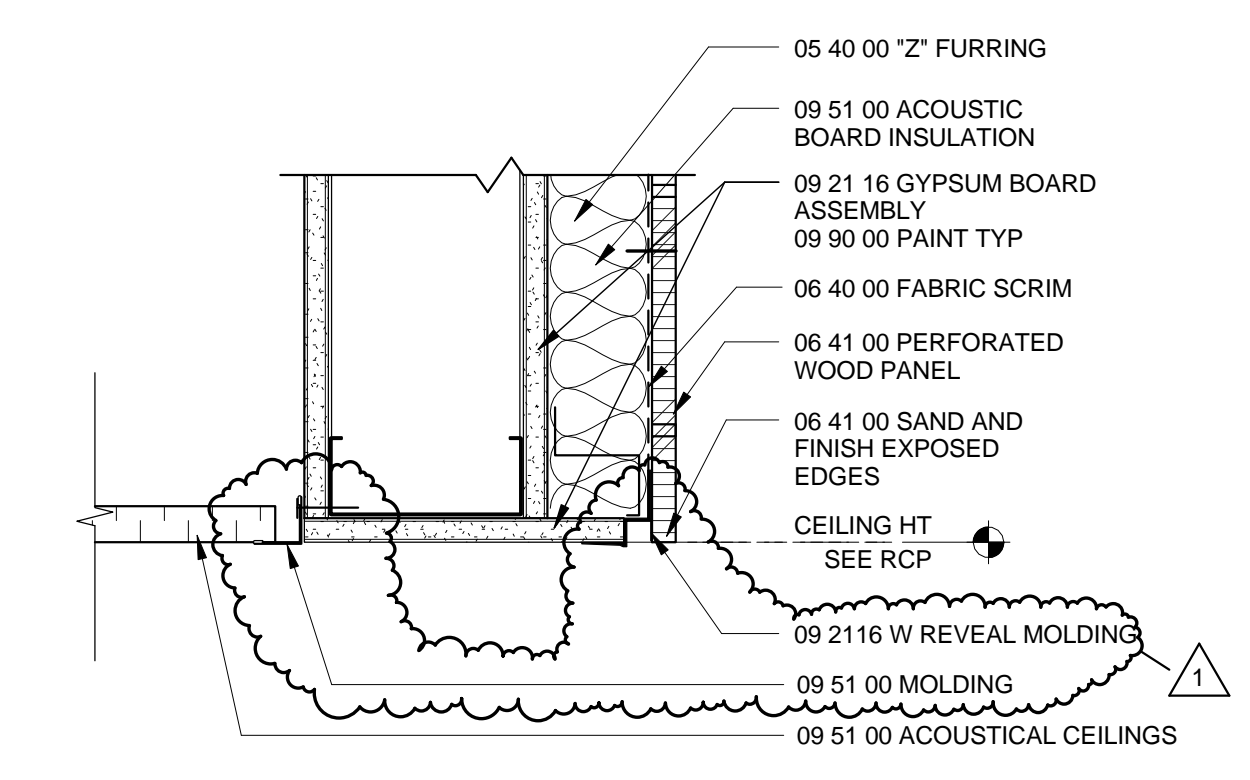
C1 CLNG - RETURN AIR GRILL AT WD CEILING & GYP
3" = 1'-0"



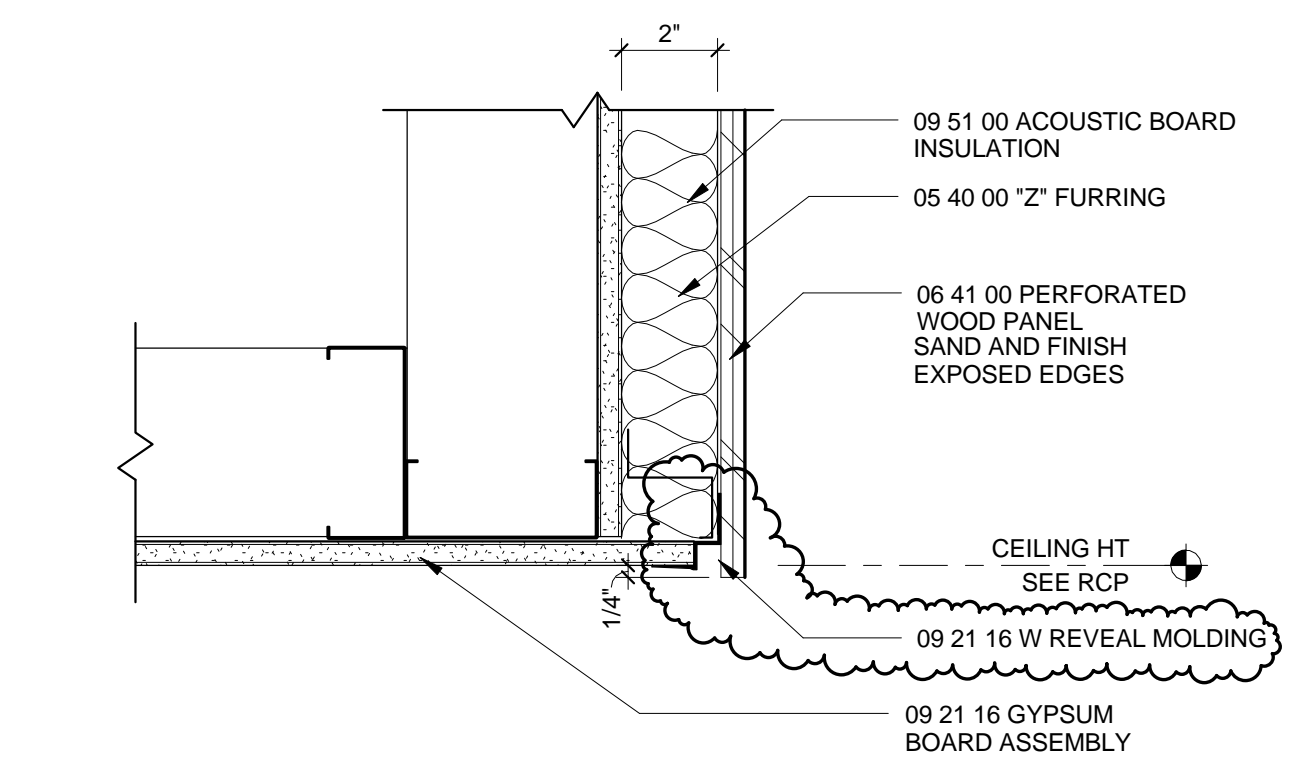
C2 CLNG - WOOD TO LOWER GYP
3" = 1'-0"



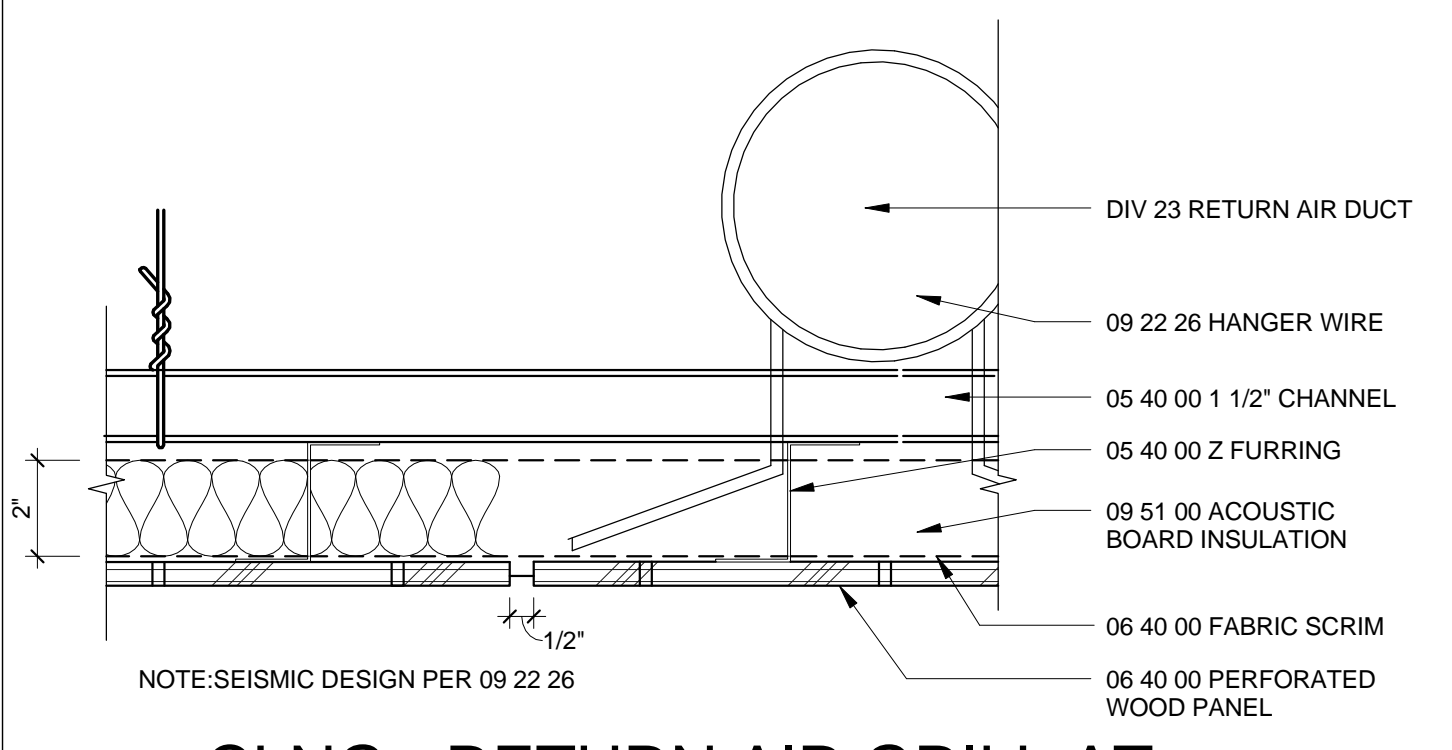
C3 CLNG - WOOD TO GYP
3" = 1'-0"



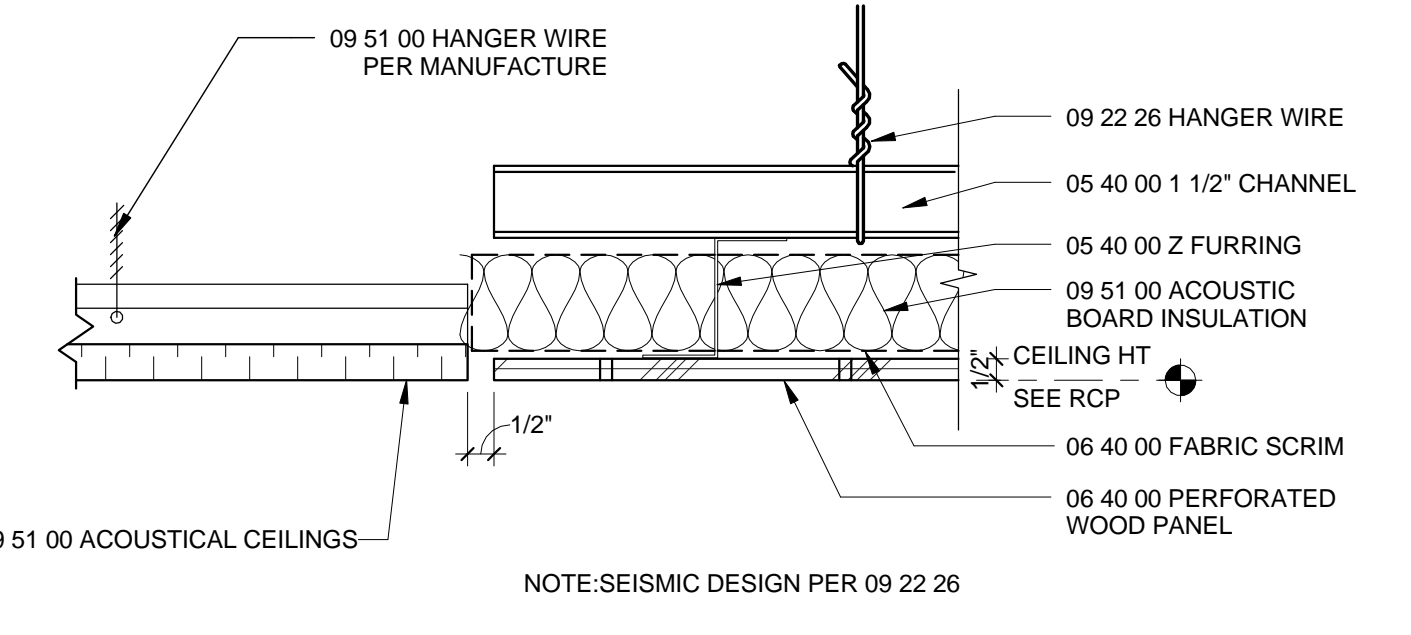
C4 CLNG - ACT SOFFIT @ WOOD WALL
3" = 1'-0"



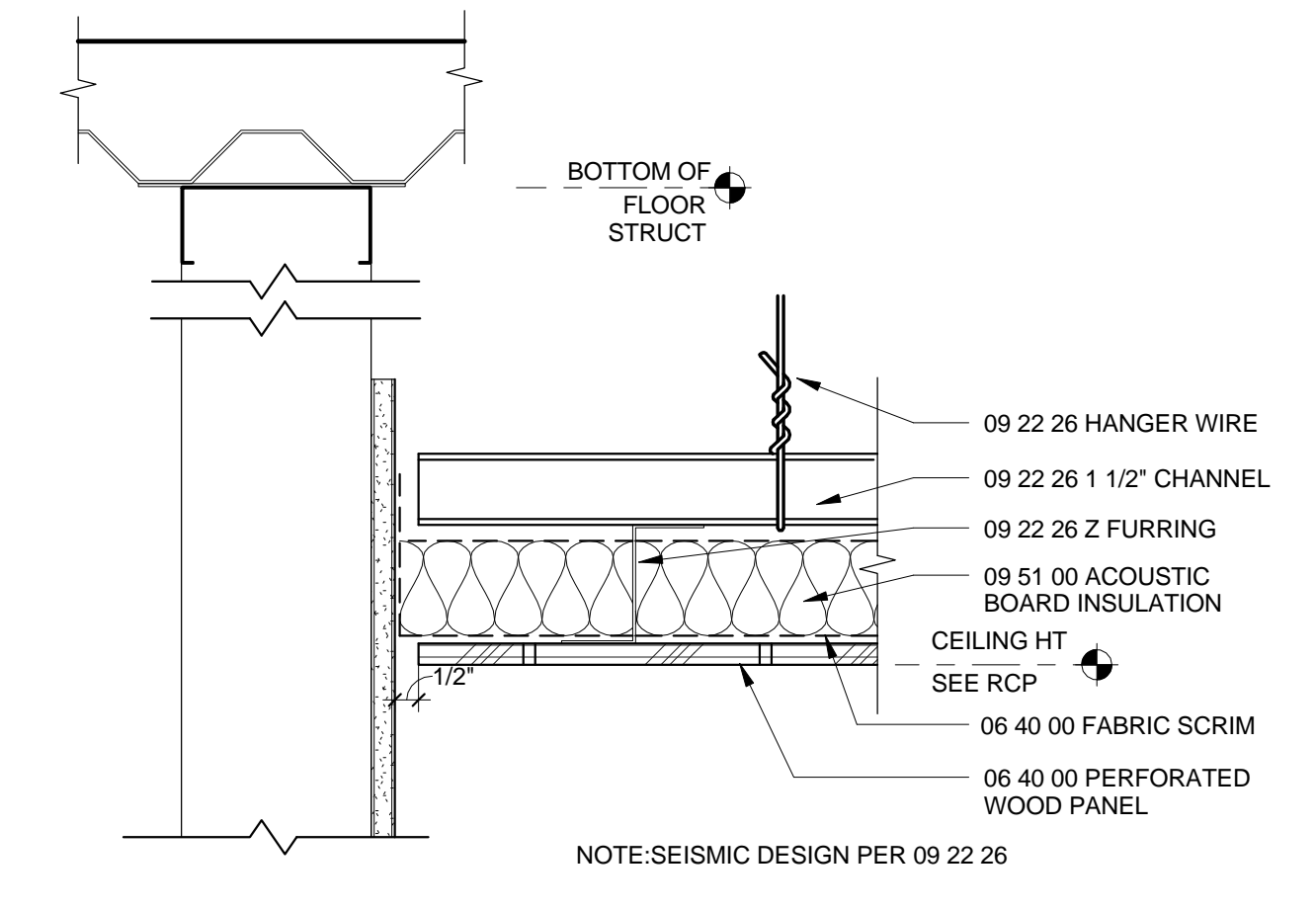
C5 CLNG - GYP SOFFIT @ WOOD WALL
3" = 1'-0"



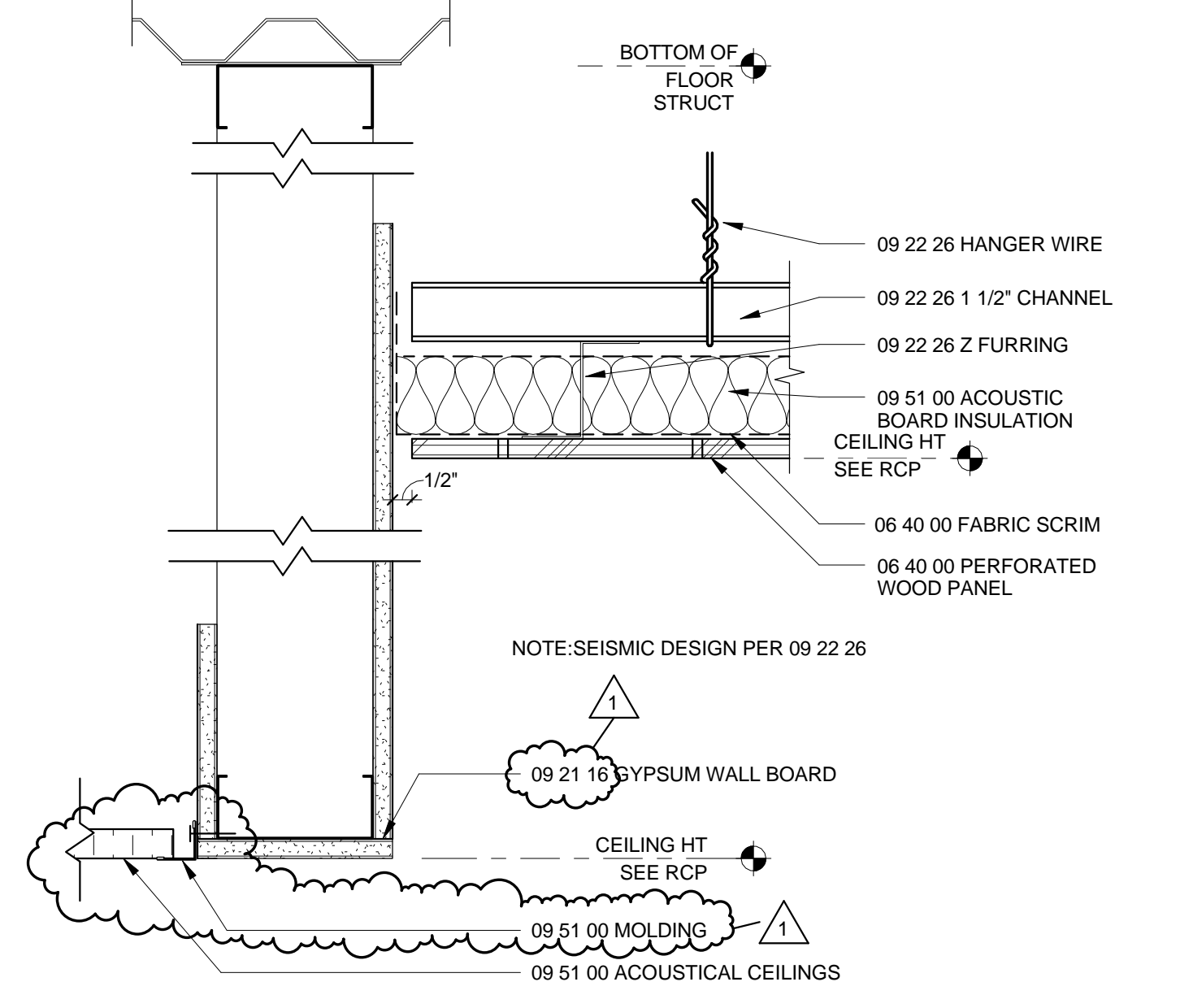
B1 CLNG - RETURN AIR GRILL AT WOOD PANEL CEILING
3" = 1'-0"



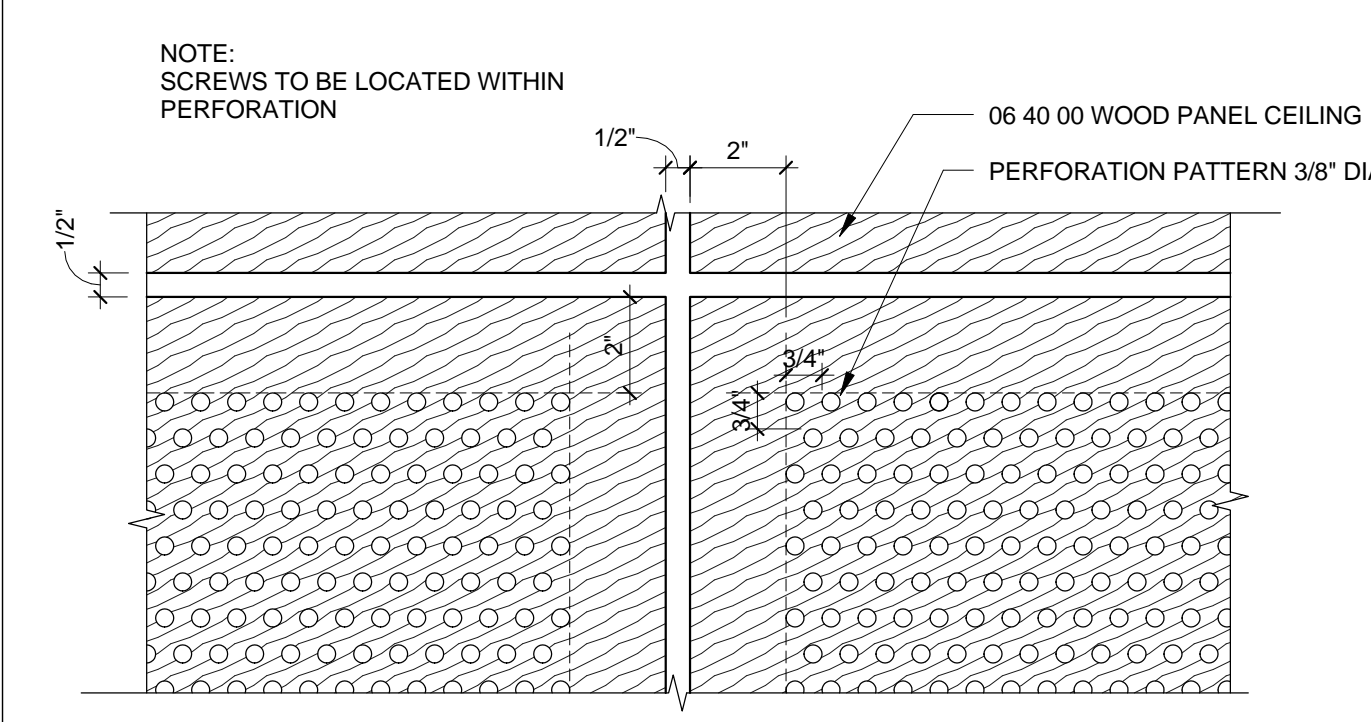
B3 CLNG - WOOD TO ACT
3" = 1'-0"



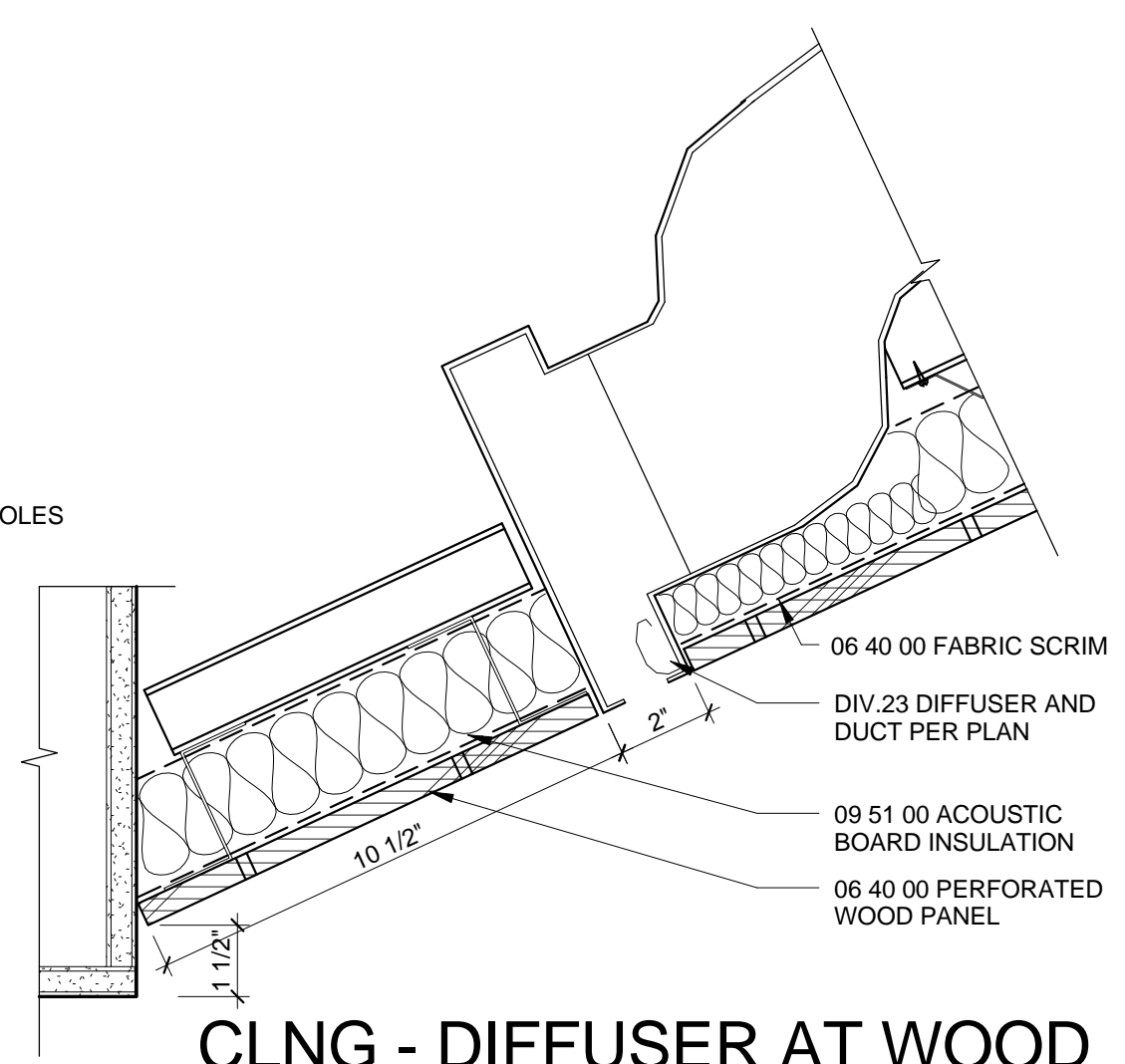
B4 CLNG - WOOD AT WALL
3" = 1'-0"



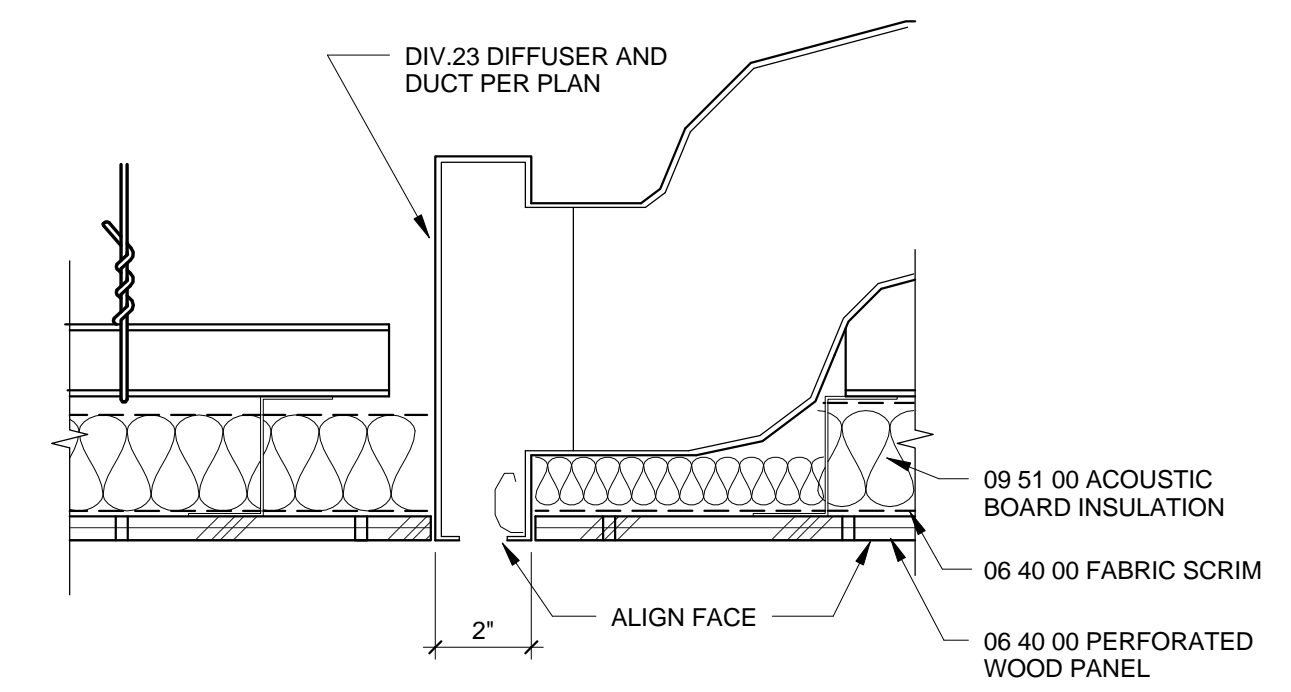
B5 CLNG - WOOD TO LOWER ACT
3" = 1'-0"



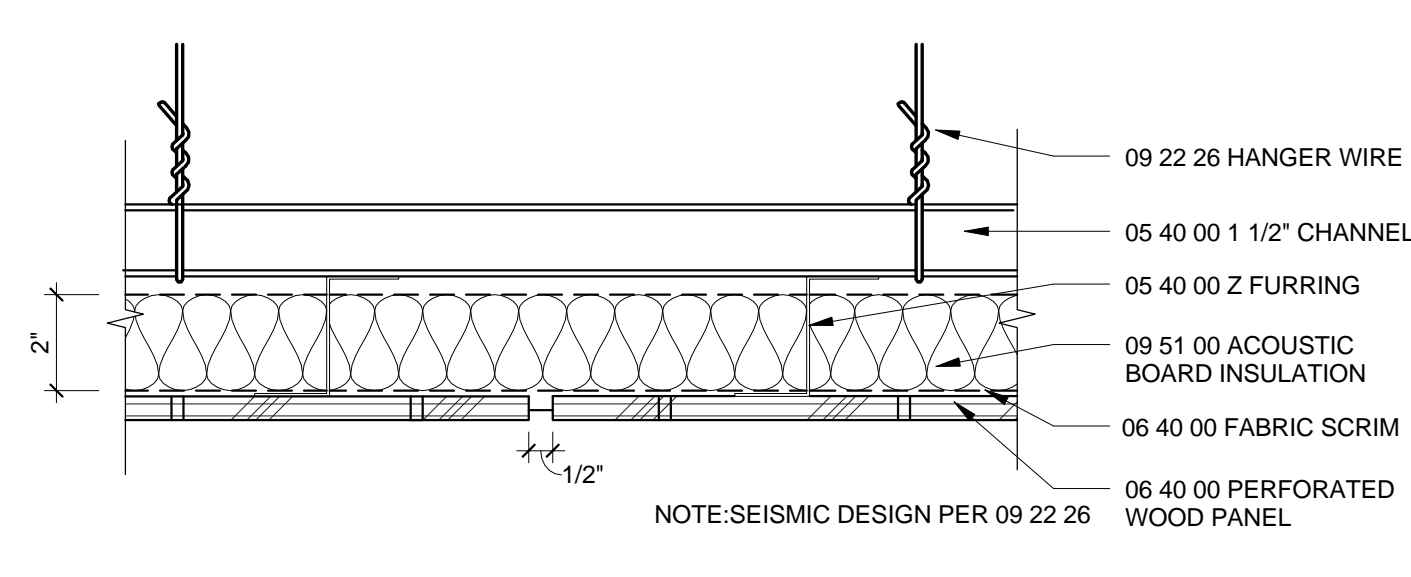
A1 CLNG - WOOD CEILING PANELS
3" = 1'-0"



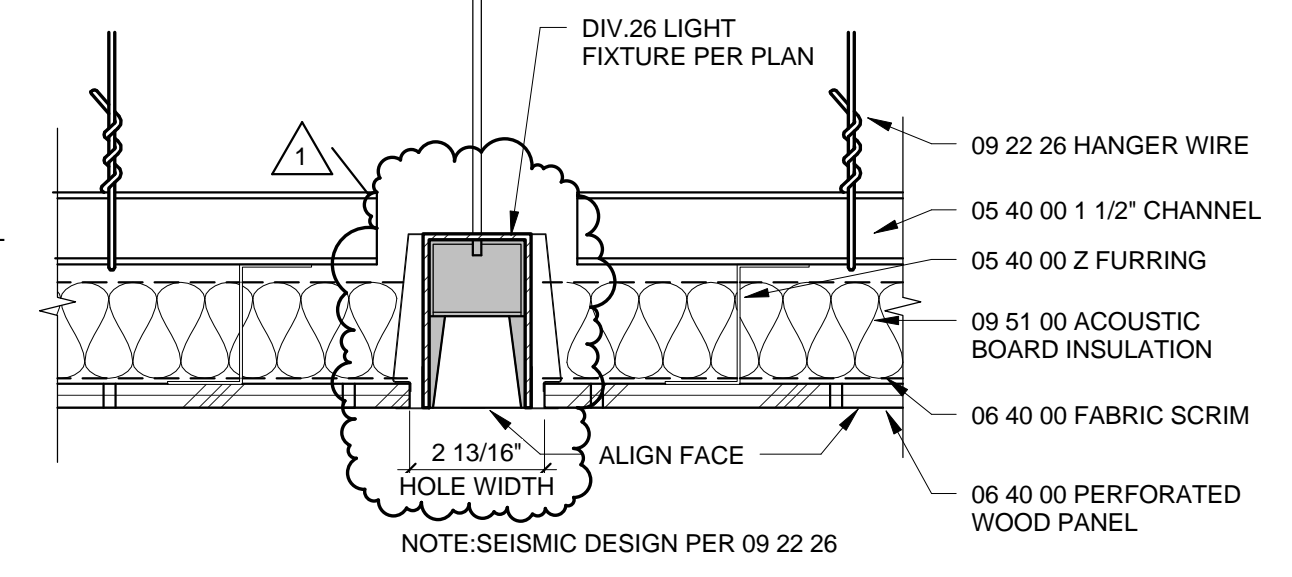
A2 CLNG - DIFFUSER AT WOOD CEILING & WALL
3" = 1'-0"



A3 CLNG - DIFFUSER AT WOOD CEILING
3" = 1'-0"

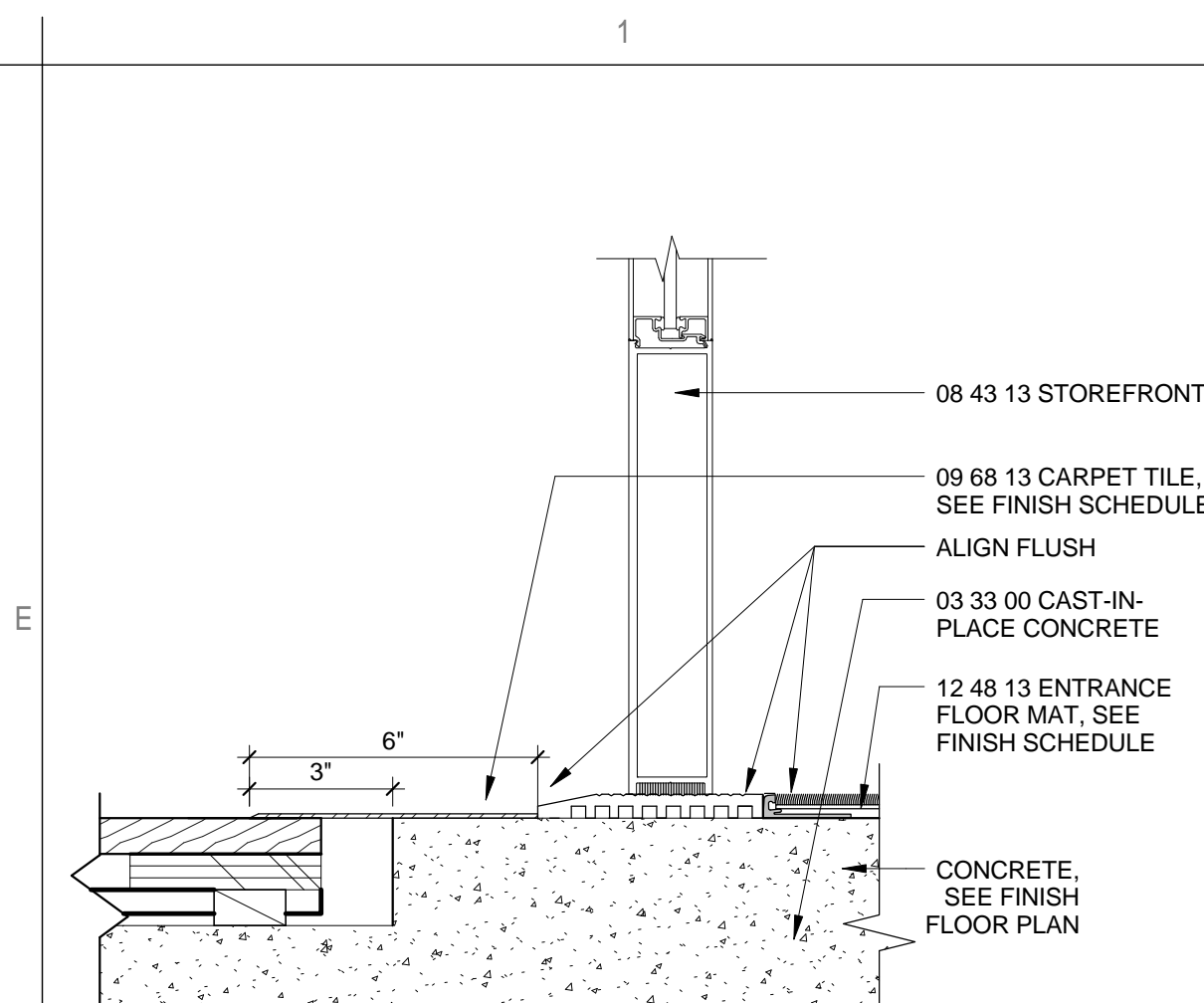


A4 CLNG - WOOD CEILING ASSEMBLY
3" = 1'-0"

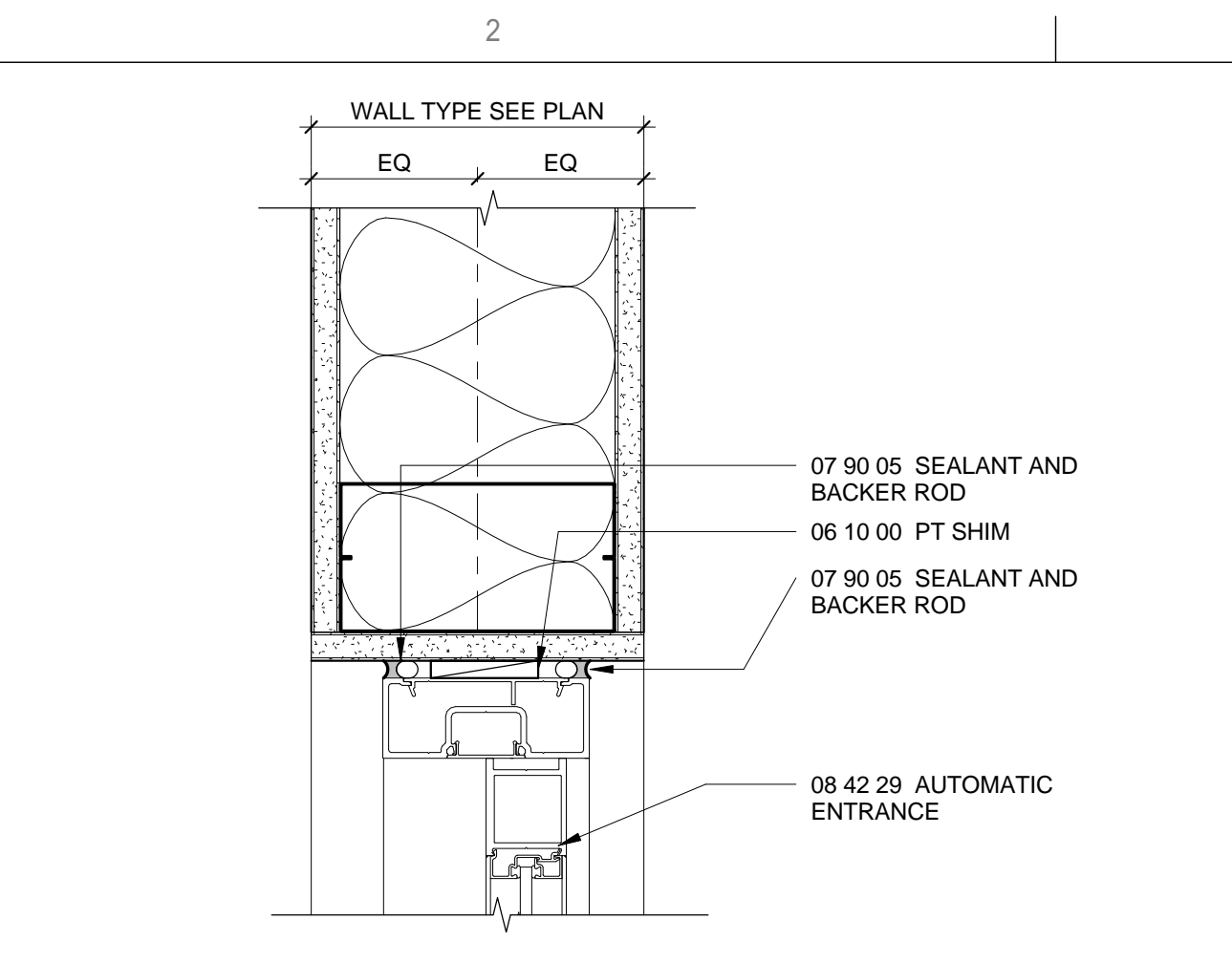


A5 CLNG - FIXTURE @ WOOD CEILING
3" = 1'-0"

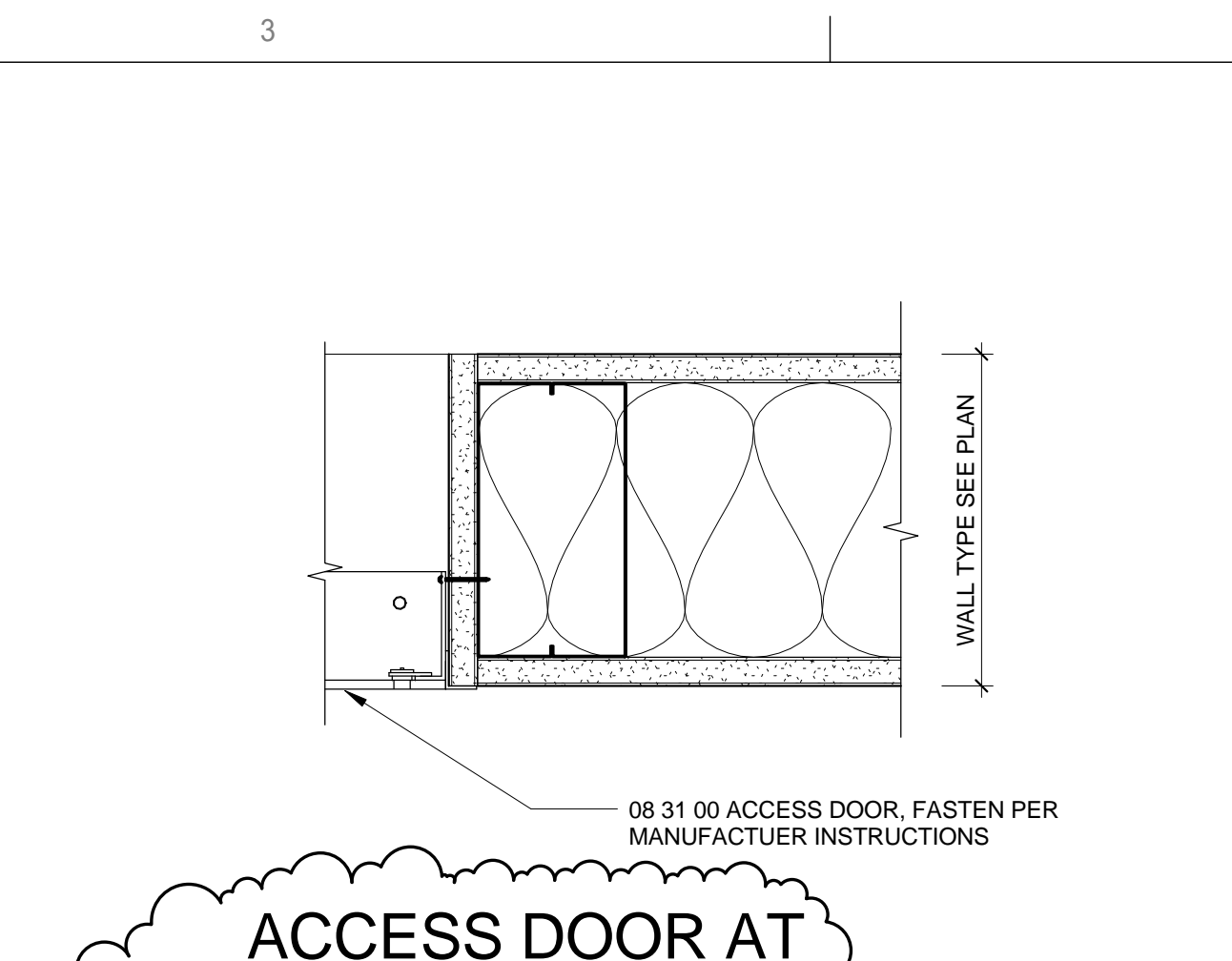
3/11/2015 11:40 AM C:\Users\msherman\OneDrive\Documents\A-552.dwg



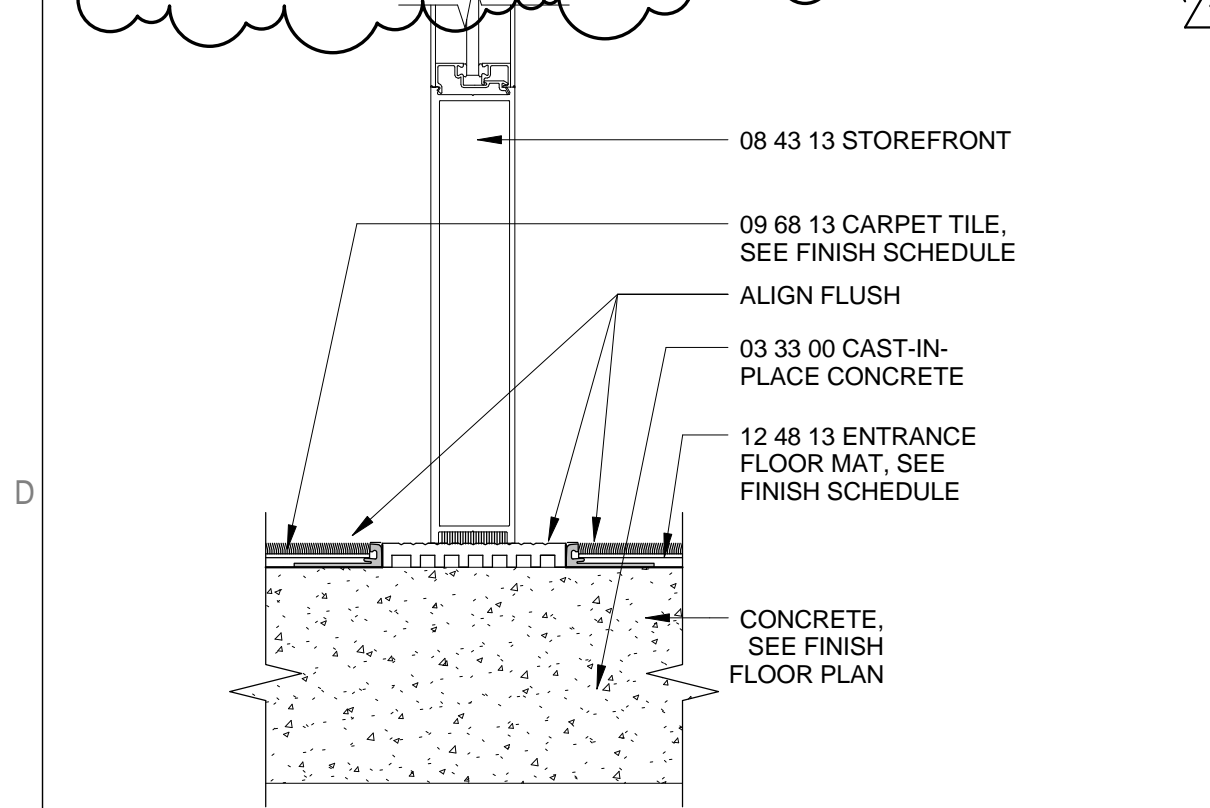
E1 ENTRY DOOR GYM
3' = 1'-0"



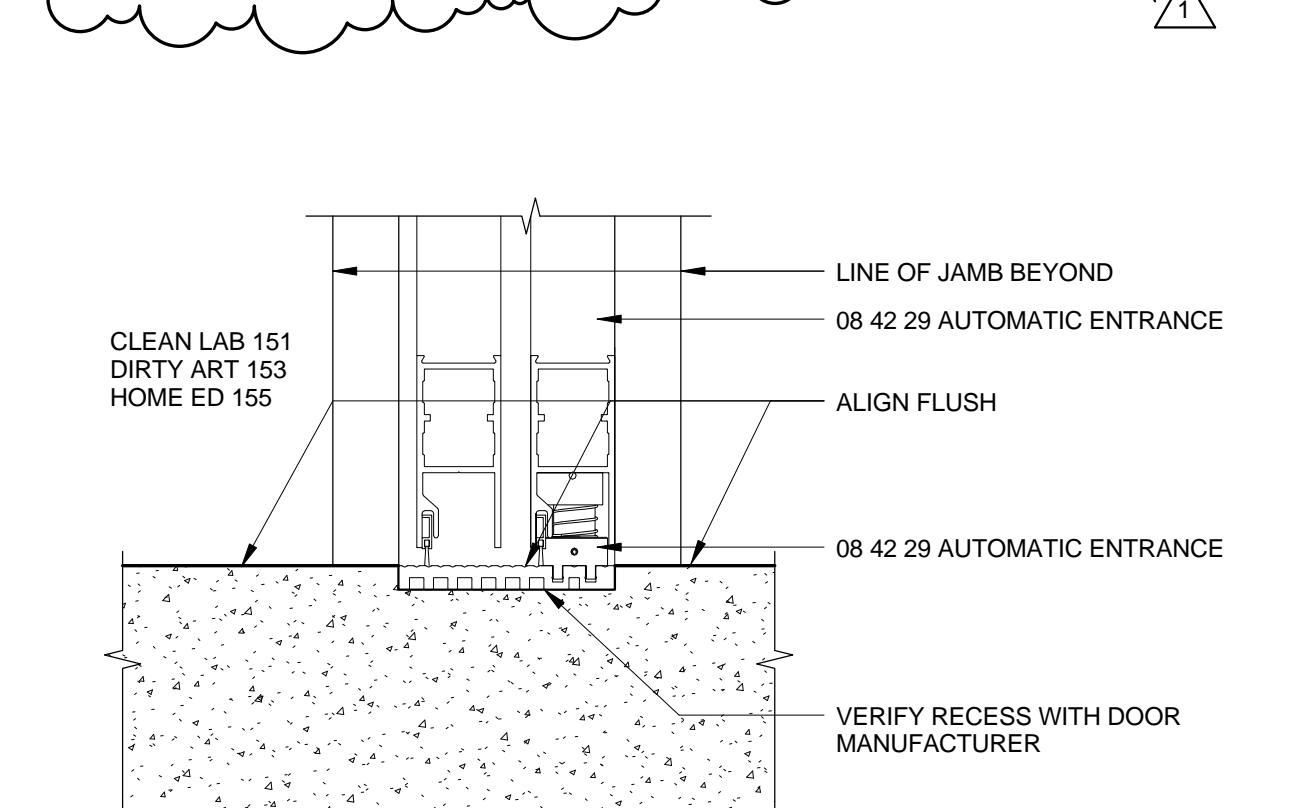
E2 AUTOMATIC DOOR AT HEAD
3' = 1'-0"



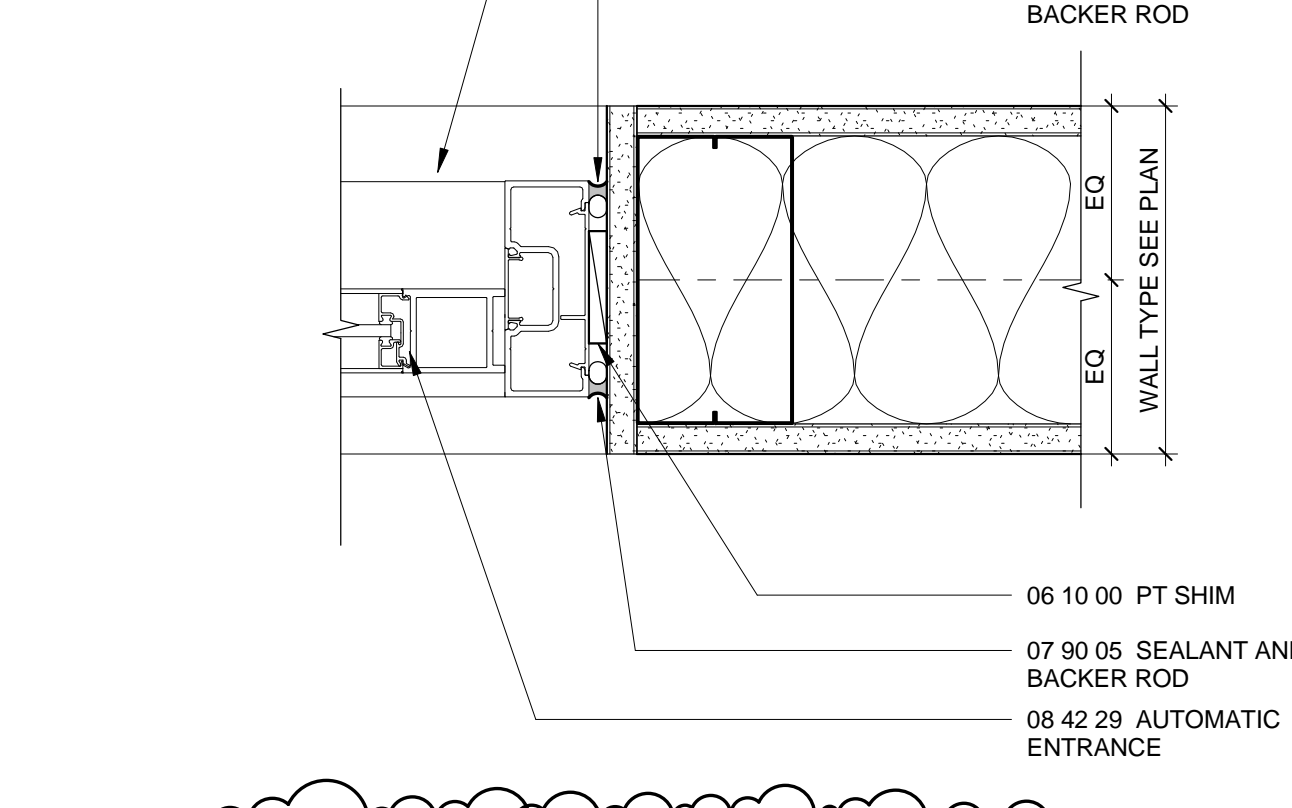
E3 ACCESS DOOR AT JAMB/HEAD/SILL
3' = 1'-0"



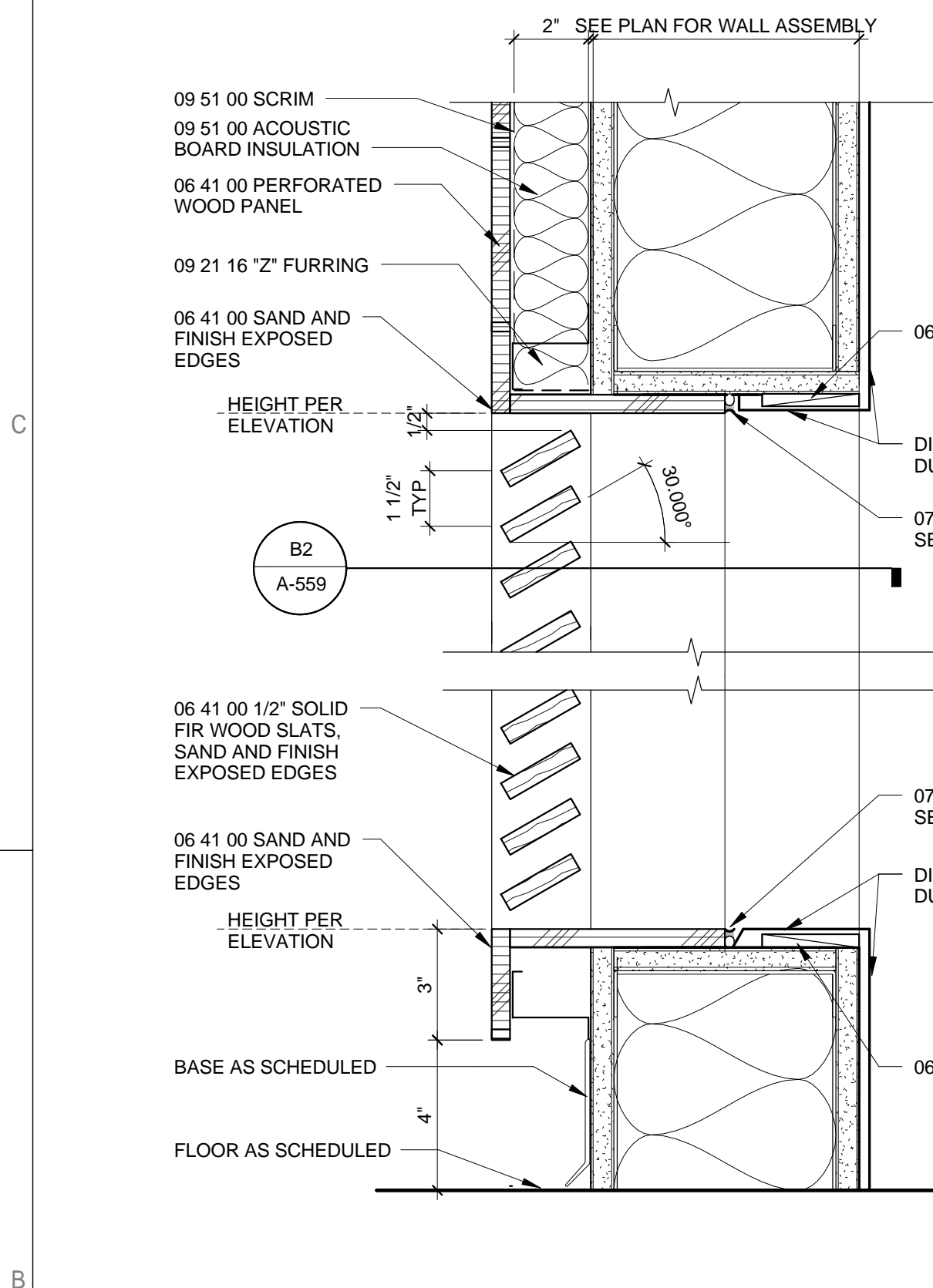
D1 ENTRY DOOR ADMIN
3' = 1'-0"



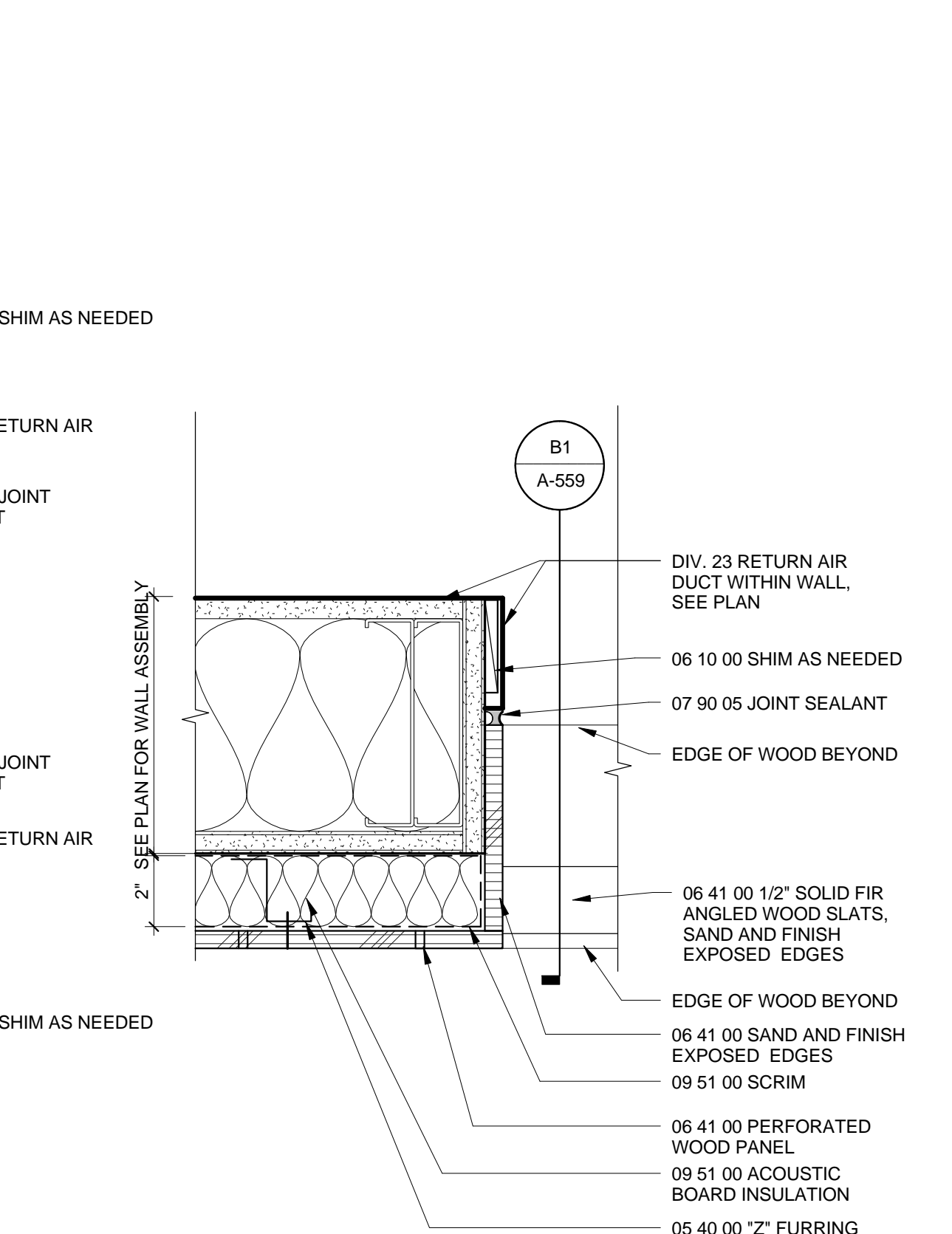
D2 AUTOMATIC DOOR SILL @ INTERIOR
3' = 1'-0"



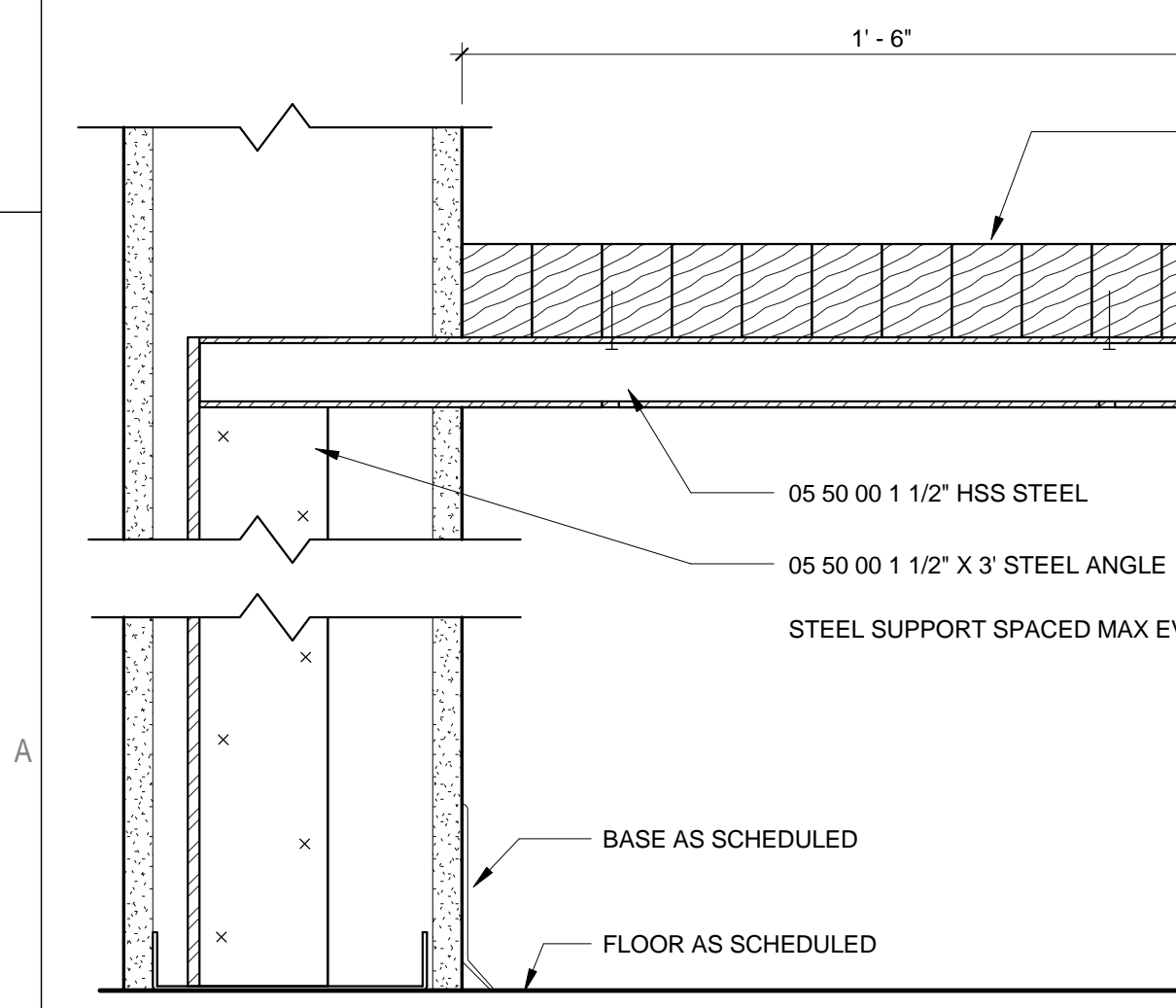
D3 AUTOMATIC DOOR AT JAMB
3' = 1'-0"



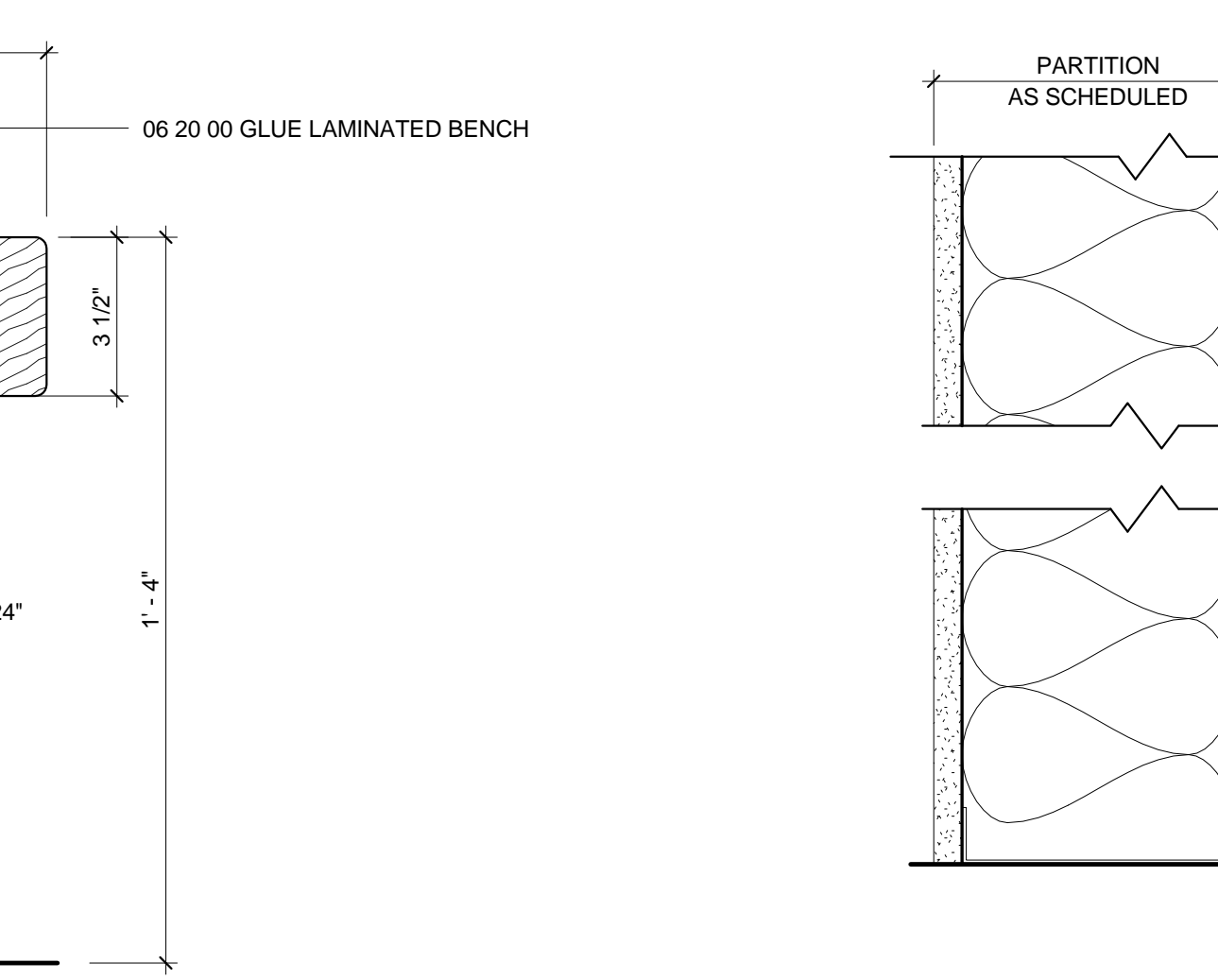
B1 RETURN AIR GRILL AT WOOD PANEL
3' = 1'-0"



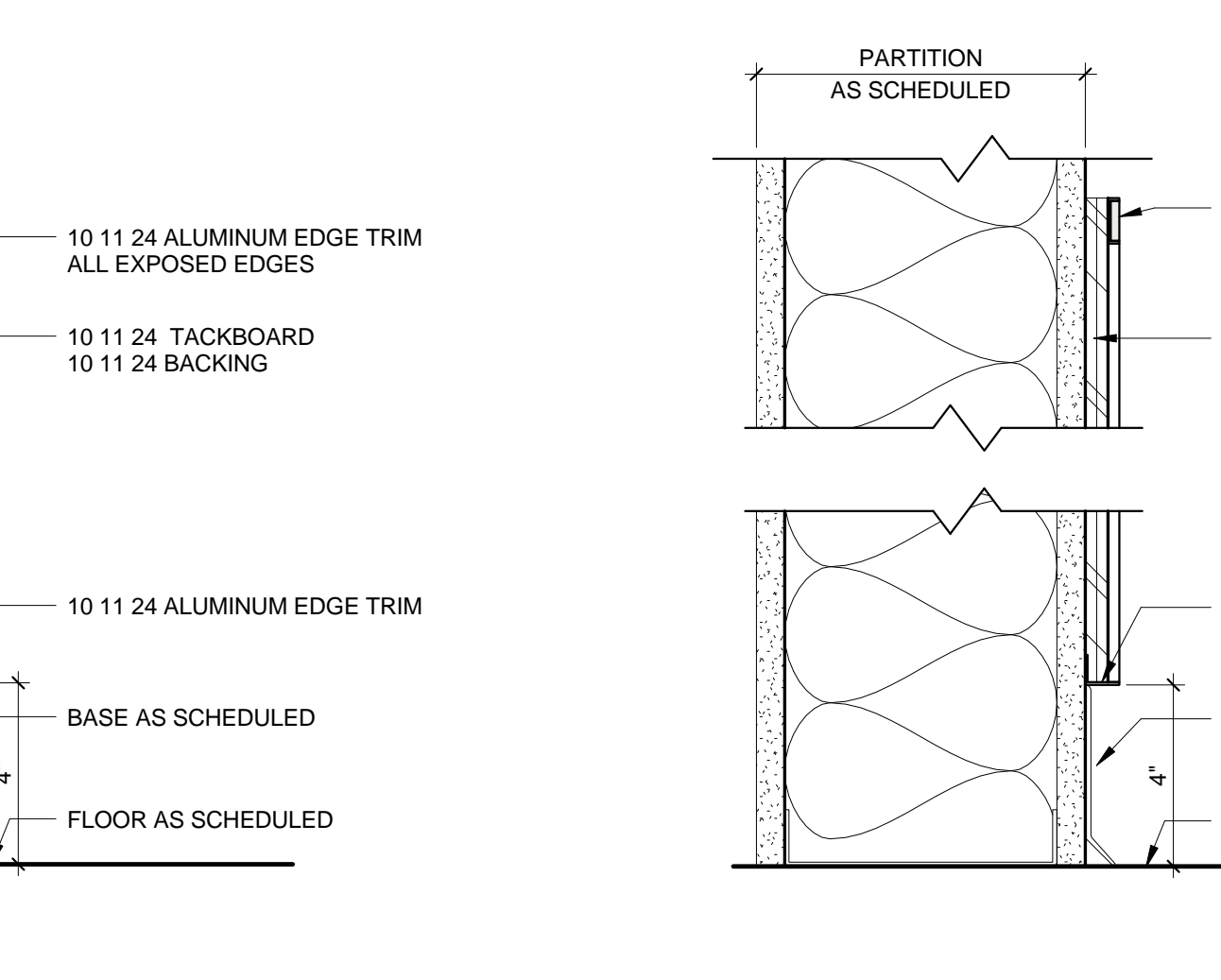
B2 RETURN AIR GRILL JAMB DETAIL AT WOOD PANEL
3' = 1'-0"



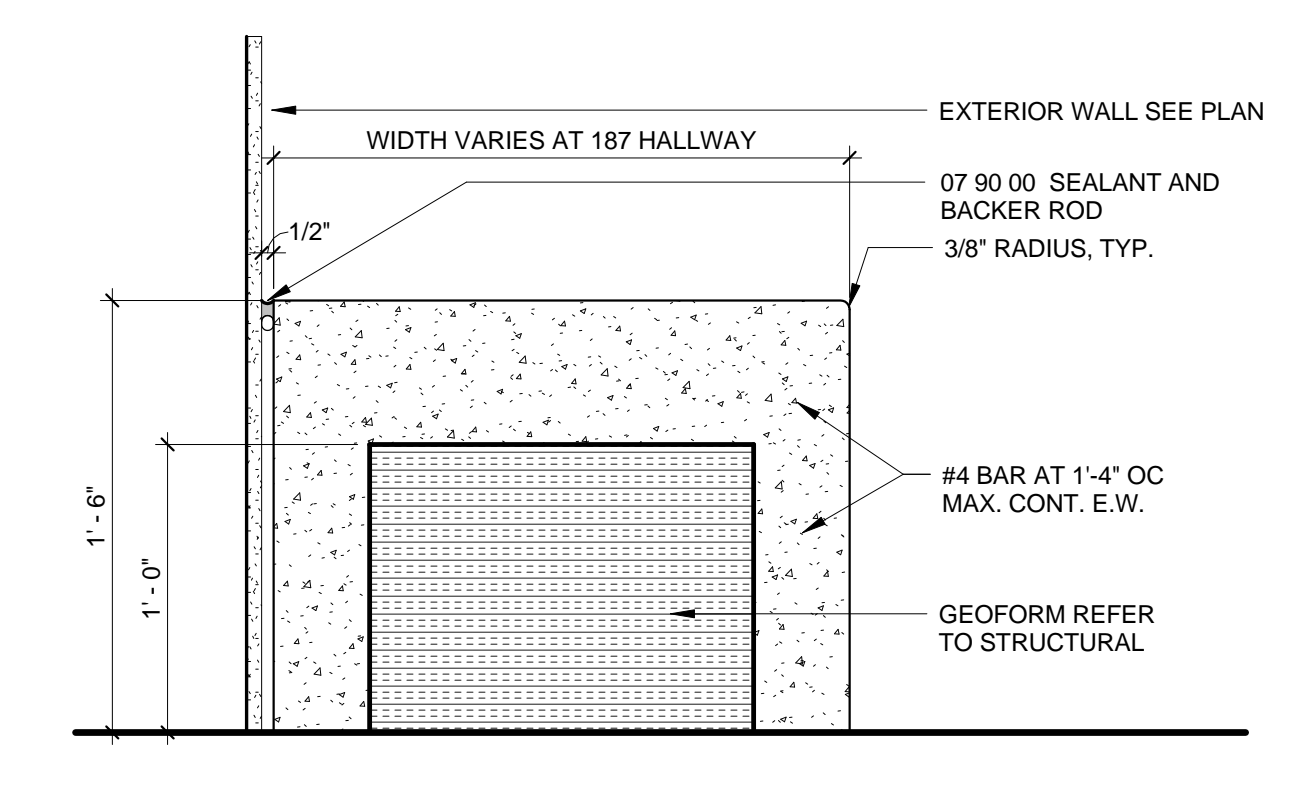
A1 WOOD BENCH SECTION
3' = 1'-0"



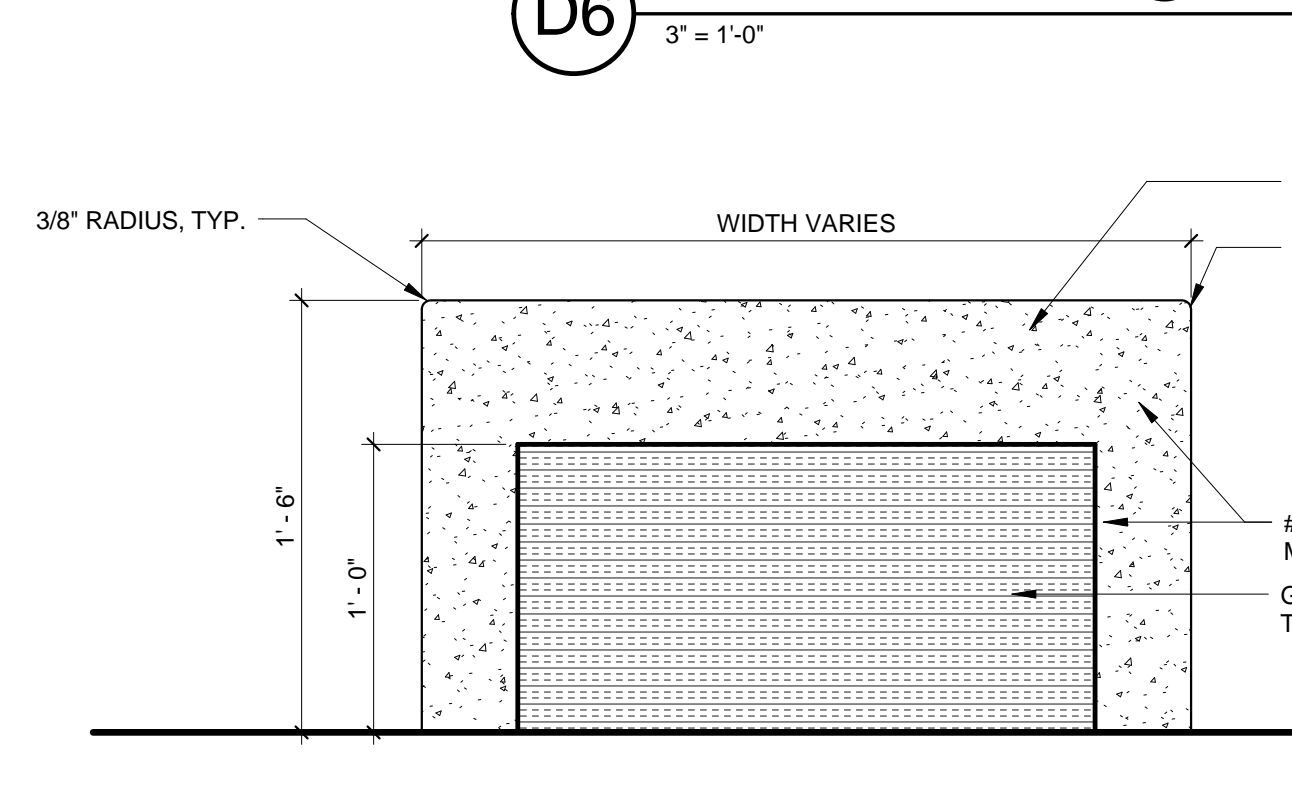
A2 TACKBOARD SECTION
3' = 1'-0"



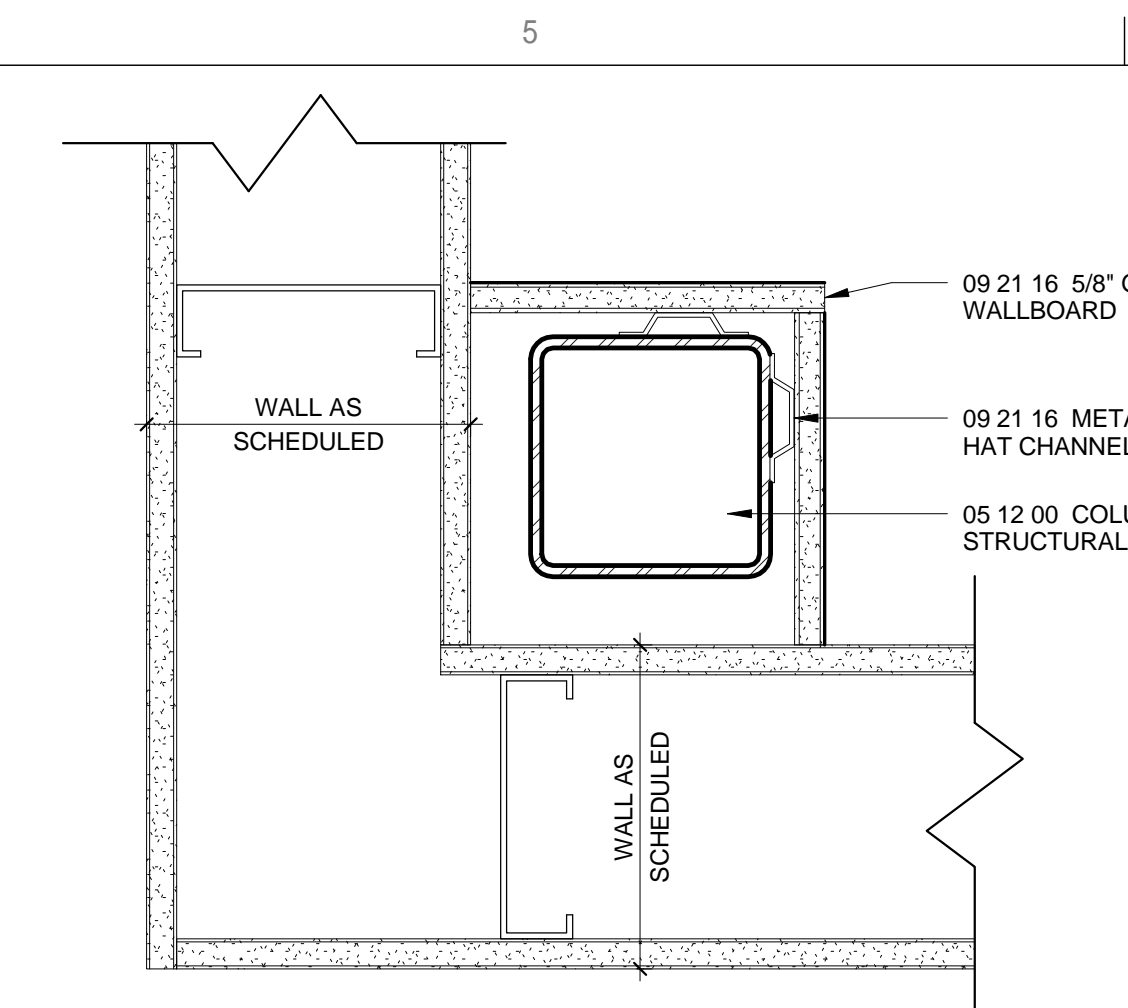
A3 WHITEBOARD SECTION
3' = 1'-0"



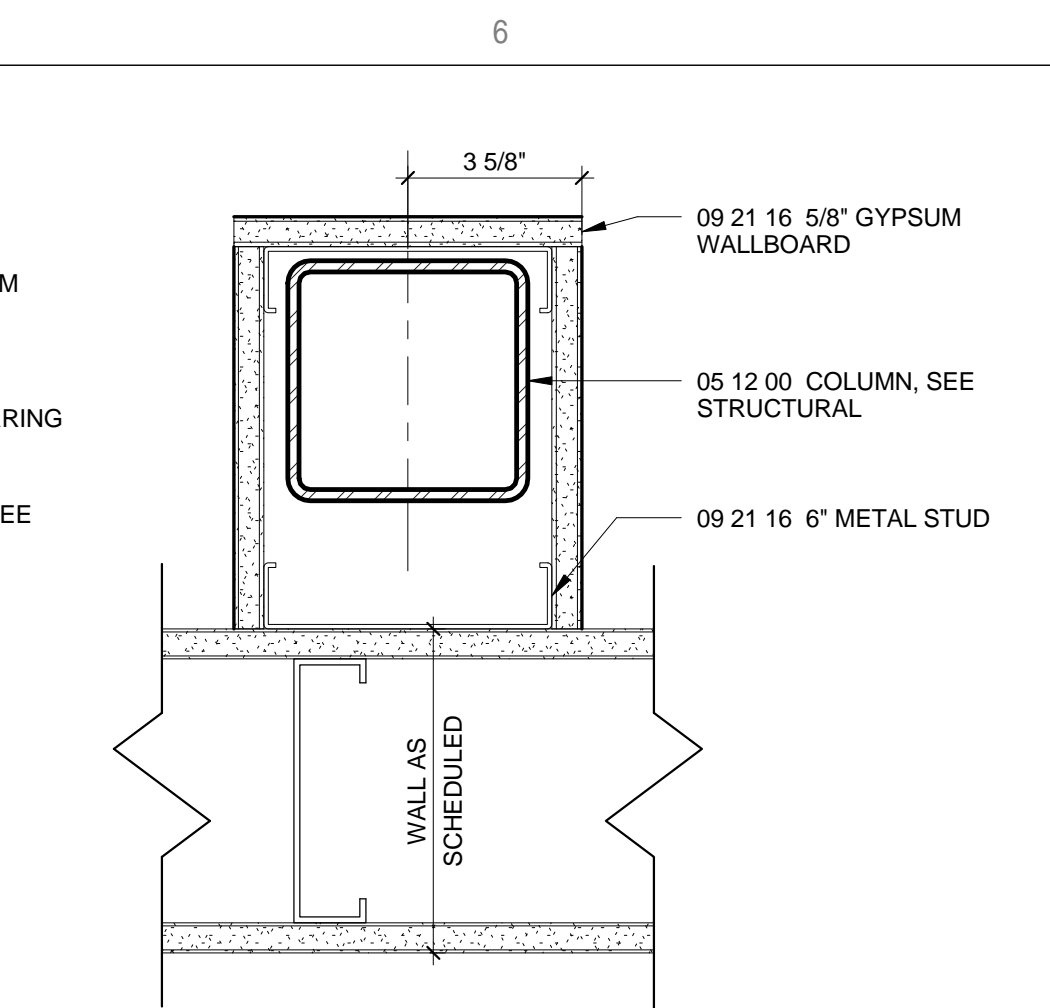
C4 BENCH SECTION @ WALL
1 1/2' = 1'-0"



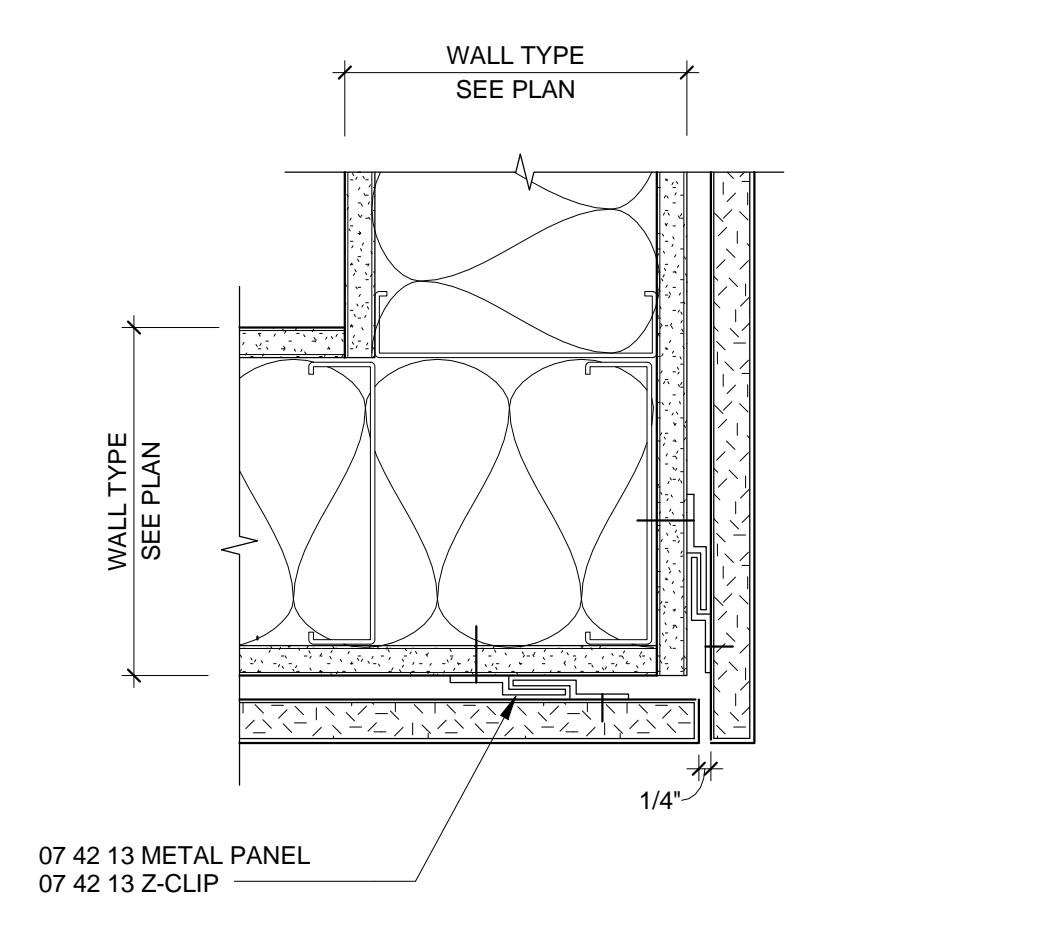
C5 BENCH SECTION
1 1/2' = 1'-0"



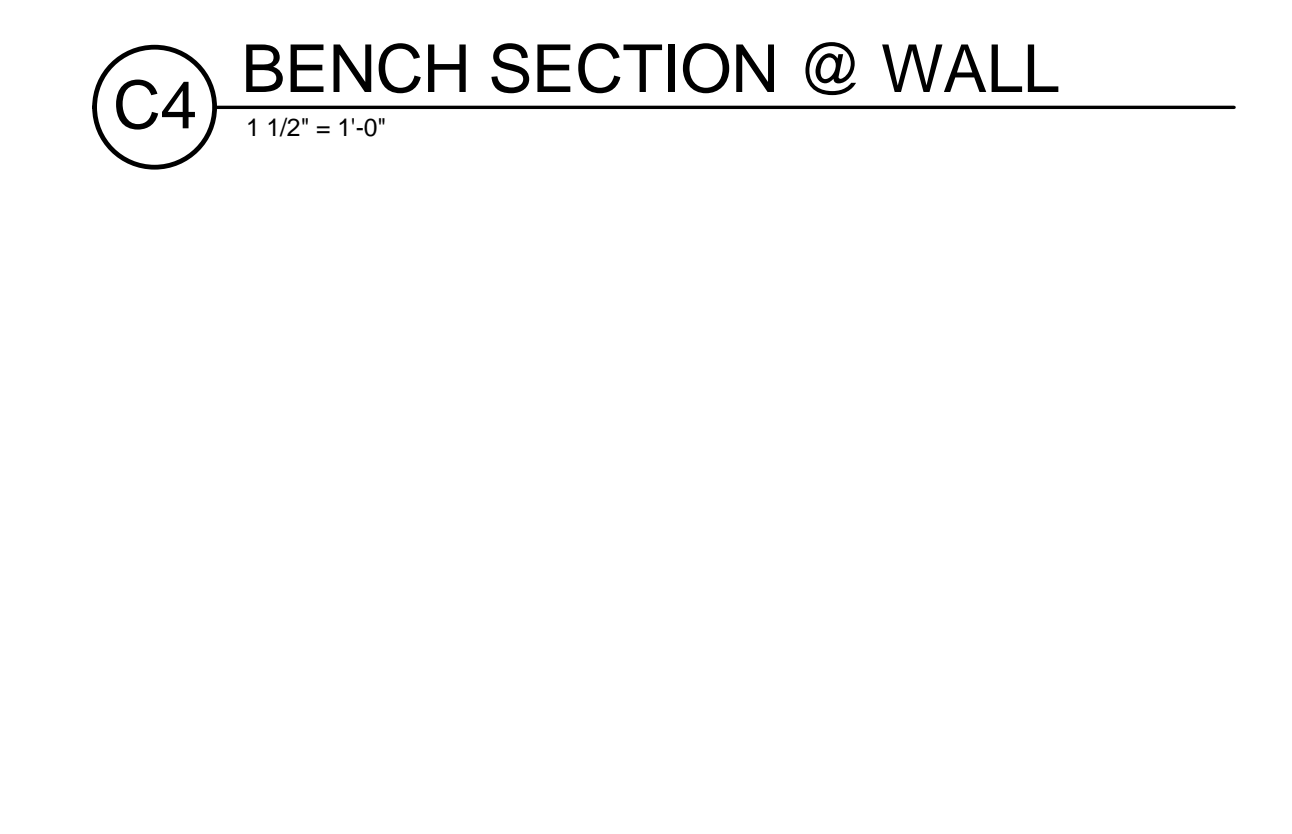
E5 WRAPPED CORNER COLUMN
3' = 1'-0"



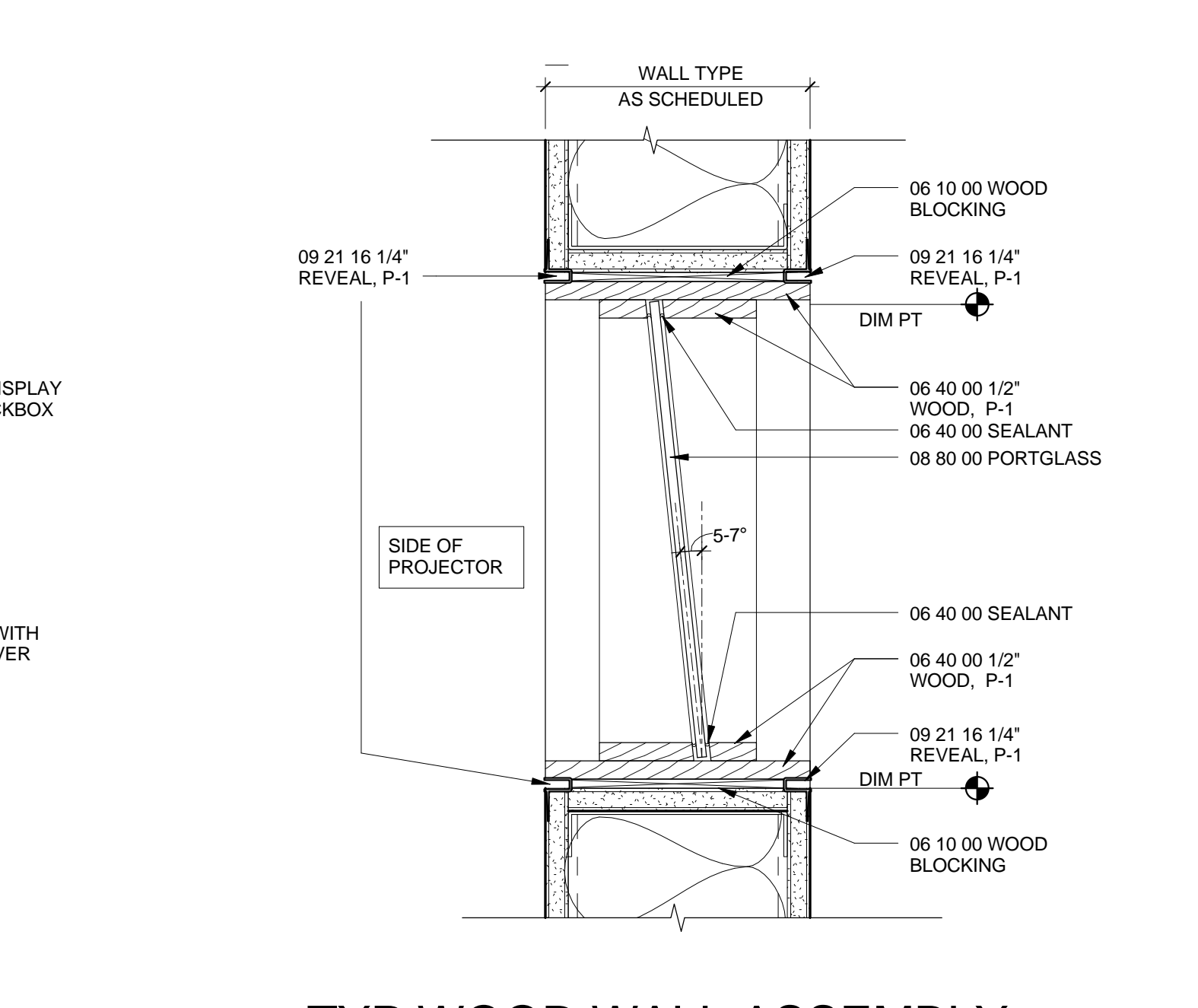
E6 WRAPPED COLUMN
3' = 1'-0"



D6 METAL PANEL @ CORNER
3' = 1'-0"



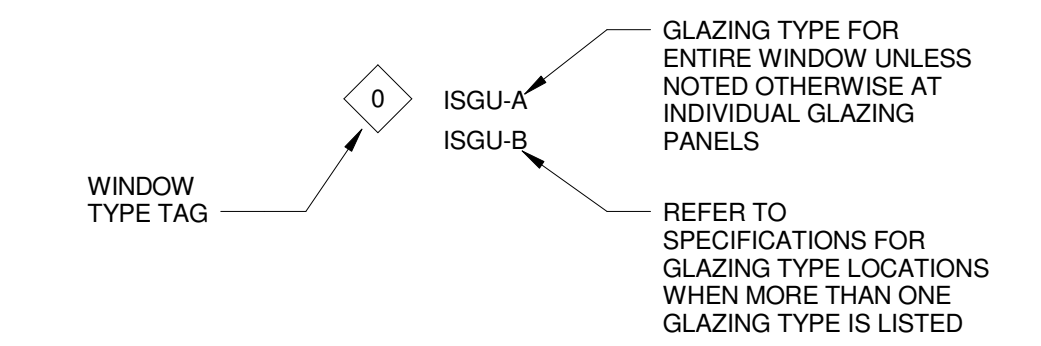
A5 BACKBOX @ CLASSROOM
6" = 1'-0"



A6 TYP WOOD WALL ASSEMBLY AT PROJECTOR
3' = 1'-0"

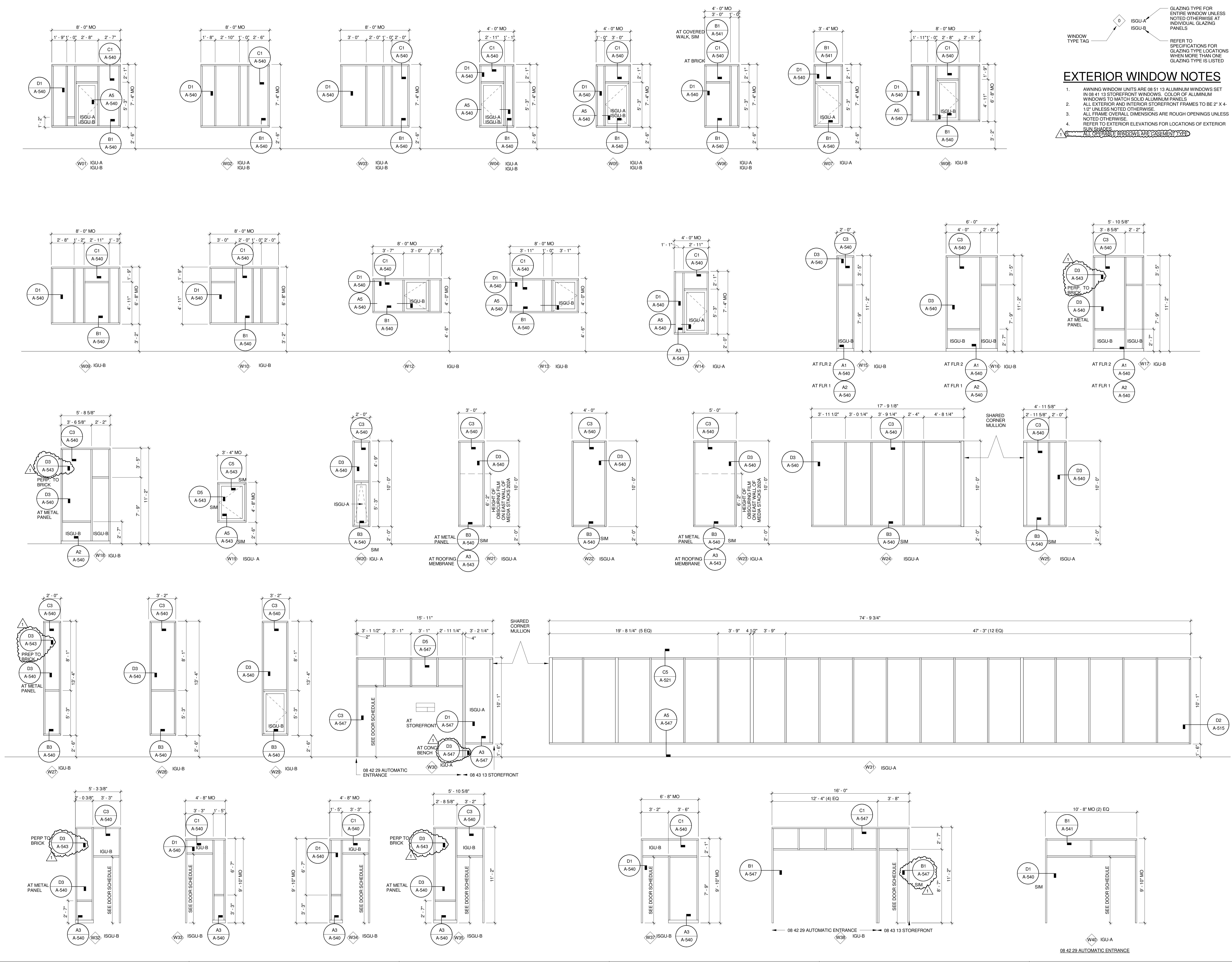
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|---|-----------|-------------|
| 1 | 3-11-2015 | ADDENDUM 5 |
| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
| VOLUME: PACKAGE 2 VOLUME 1 | | |
| PROJECT NO.: 2013912.00 | | |
| DRAWN BY: JG | | |
| CHECKED BY: DE | | |
| COPYRIGHT MAHLUM ARCHITECTS, INC. 2014 ORIGINAL SHEET SIZE: 30"X42" | | |

EXTERIOR WINDOW LEGEND



EXTERIOR WINDOW NOTES

- AWNING WINDOW UNITS ARE 08 51 13 ALUMINUM WINDOWS SET IN 08 41 13 STOREFRONT WINDOWS. COLOR OF ALUMINUM WINDOWS TO MATCH SOLID ALUMINUM PANELS
 - ALL EXTERIOR AND INTERIOR STOREFRONT FRAMES TO BE 2" X 4-1/2" UNLESS NOTED OTHERWISE
 - ALL FRAME OVERALL DIMENSIONS ARE ROUGH OPENINGS UNLESS NOTED OTHERWISE
 - REFER TO EXTERIOR ELEVATIONS FOR LOCATIONS OF EXTERIOR SUN SHADES
- ~~ALL EXTERIOR WINDOWS ARE CASEMENT TYPE~~

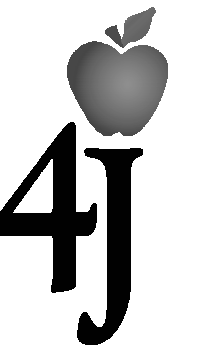


| MARK | DATE | DESCRIPTION |
|-------------------------------|-----------|-------------|
| 1 | 3-11-2015 | ADDENDUM 5 |
| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
| VOLUME: PACKAGE 2 VOLUME 1 | | |
| PROJECT NO.: 2013912.00 | | |
| DRAWN BY: LS | | |
| CHECKED BY: Checker | | |
| EXTERIOR WINDOW TYPES | | |

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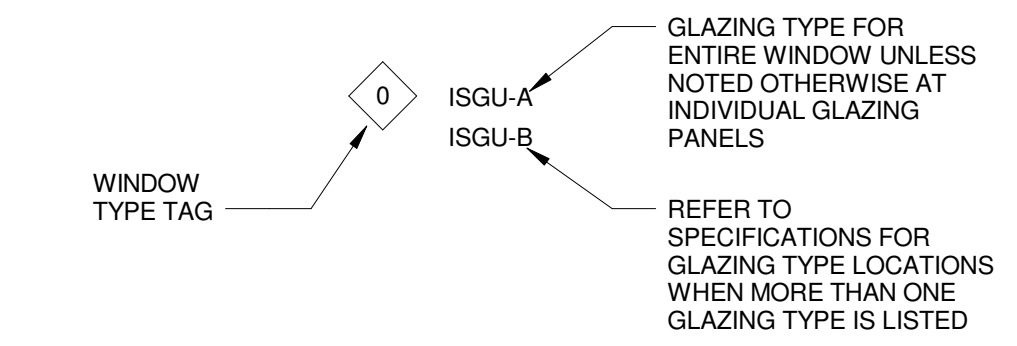


EUGENE SCHOOL DISTRICT 4J



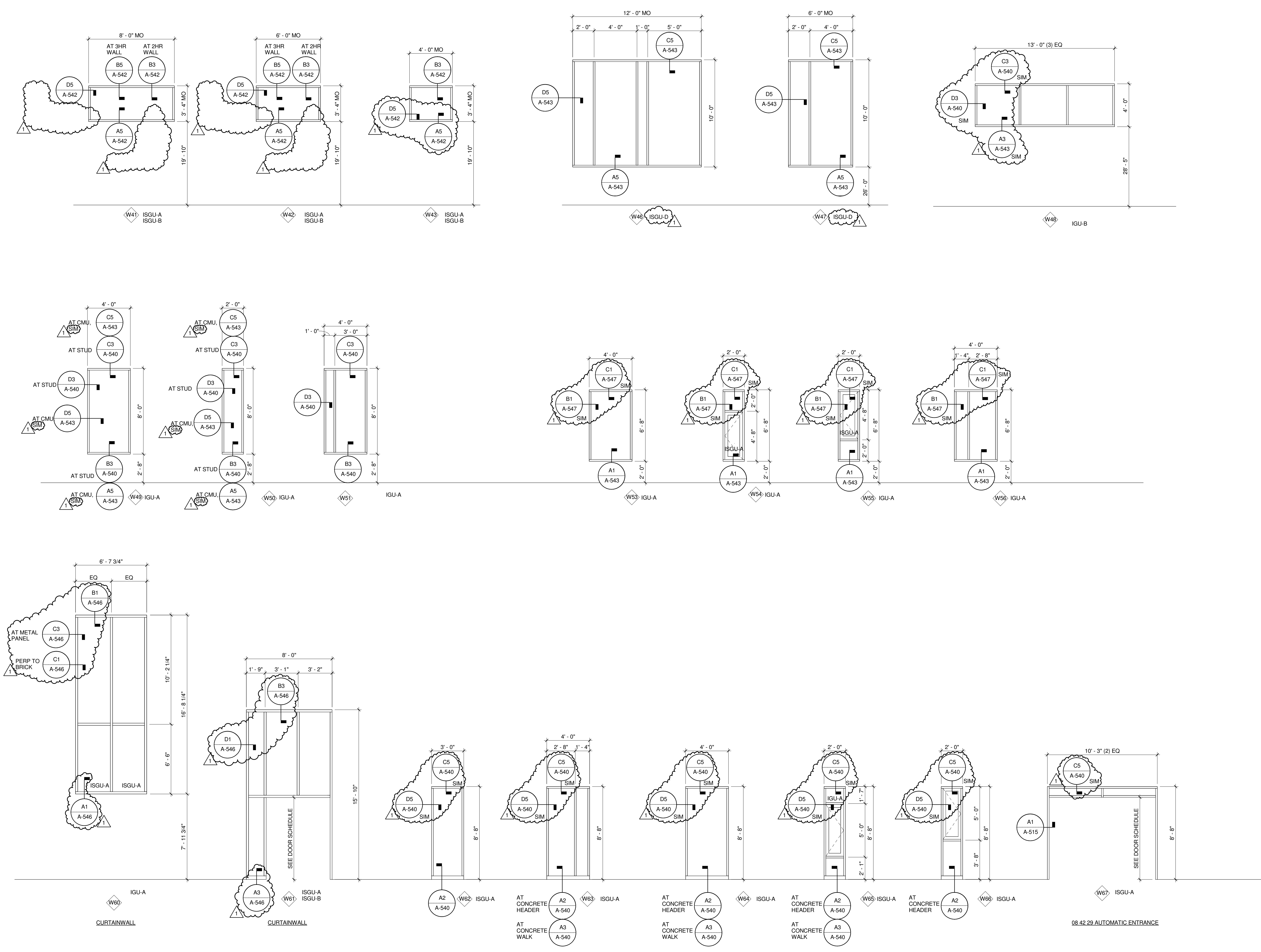
REPLACEMENT ROOSEVELT
 MIDDLE SCHOOL
 CIP NUMBER 410.566.001
 680 EAST 24TH AVENUE
 EUGENE, OREGON 97405

EXTERIOR WINDOW LEGEND



EXTERIOR WINDOW NOTES

- AWNING WINDOW UNITS ARE 08 51 13 ALUMINUM WINDOWS SET IN 08 41 13 STOREFRONT WINDOWS. COLOR OF ALUMINUM WINDOWS TO MATCH SOLID ALUMINUM PANELS.
 - ALL EXTERIOR AND INTERIOR STOREFRONT FRAMES TO BE 2" X 4-1/2" UNLESS NOTED OTHERWISE.
 - ALL FRAME OVERALL DIMENSIONS ARE ROUGH OPENINGS UNLESS NOTED OTHERWISE.
 - REFER TO EXTERIOR ELEVATIONS FOR LOCATIONS OF EXTERIOR SUN SHADES.
- ALL OPERABLE WINDOWS ARE CASEMENT TYPE

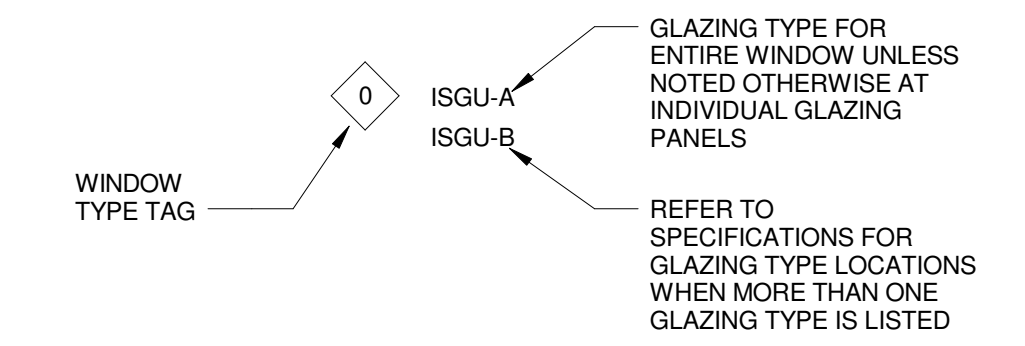


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| ISSUE DATE: FEBRUARY 18, 2015 | | |
| ISSUE: CONSTRUCTION DOCUMENTS | | |
| VOLUME: PACKAGE 2 VOLUME 1 | | |
| PROJECT NO: 2013912.00 | | |
| DRAWN BY: LS | | |
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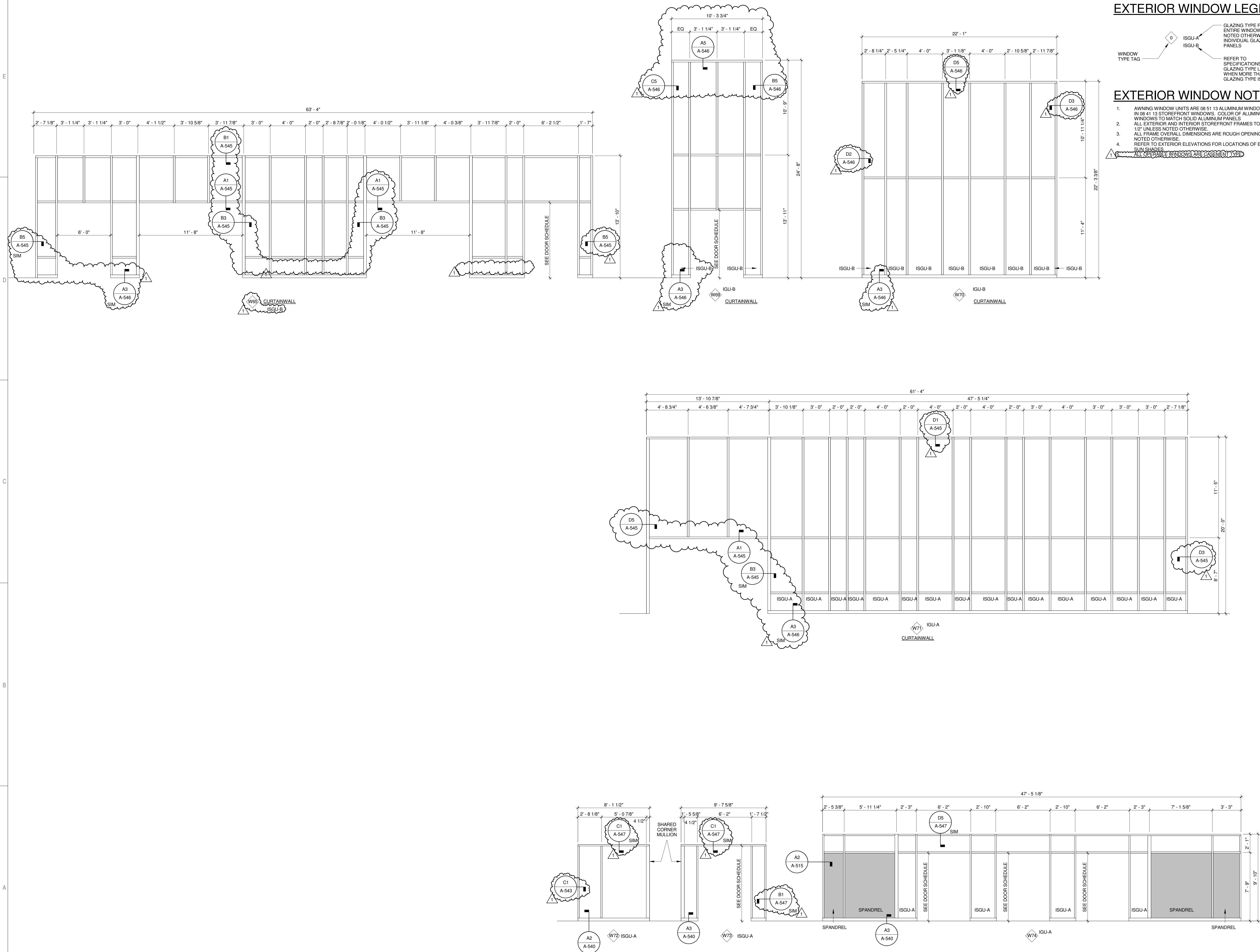
EXTERIOR WINDOW TYPES

EXTERIOR WINDOW LEGEND



EXTERIOR WINDOW NOTES

- AWNING WINDOW UNITS ARE 08 51 13 ALUMINUM WINDOWS SET IN 08 41 13 STOREFRONT WINDOWS. COLOR OF ALUMINUM WINDOWS TO MATCH SOLID ALUMINUM PANELS
 - ALL EXTERIOR AND INTERIOR STOREFRONT FRAMES TO BE 2" X 4-1/2" UNLESS NOTED OTHERWISE
 - ALL FRAME OVERALL DIMENSIONS ARE ROUGH OPENINGS UNLESS NOTED OTHERWISE
 - REFER TO EXTERIOR ELEVATIONS FOR LOCATIONS OF EXTERIOR SUN SHADES
- ALL OPERABLE WINDOWS ARE CASEMENT TYPE

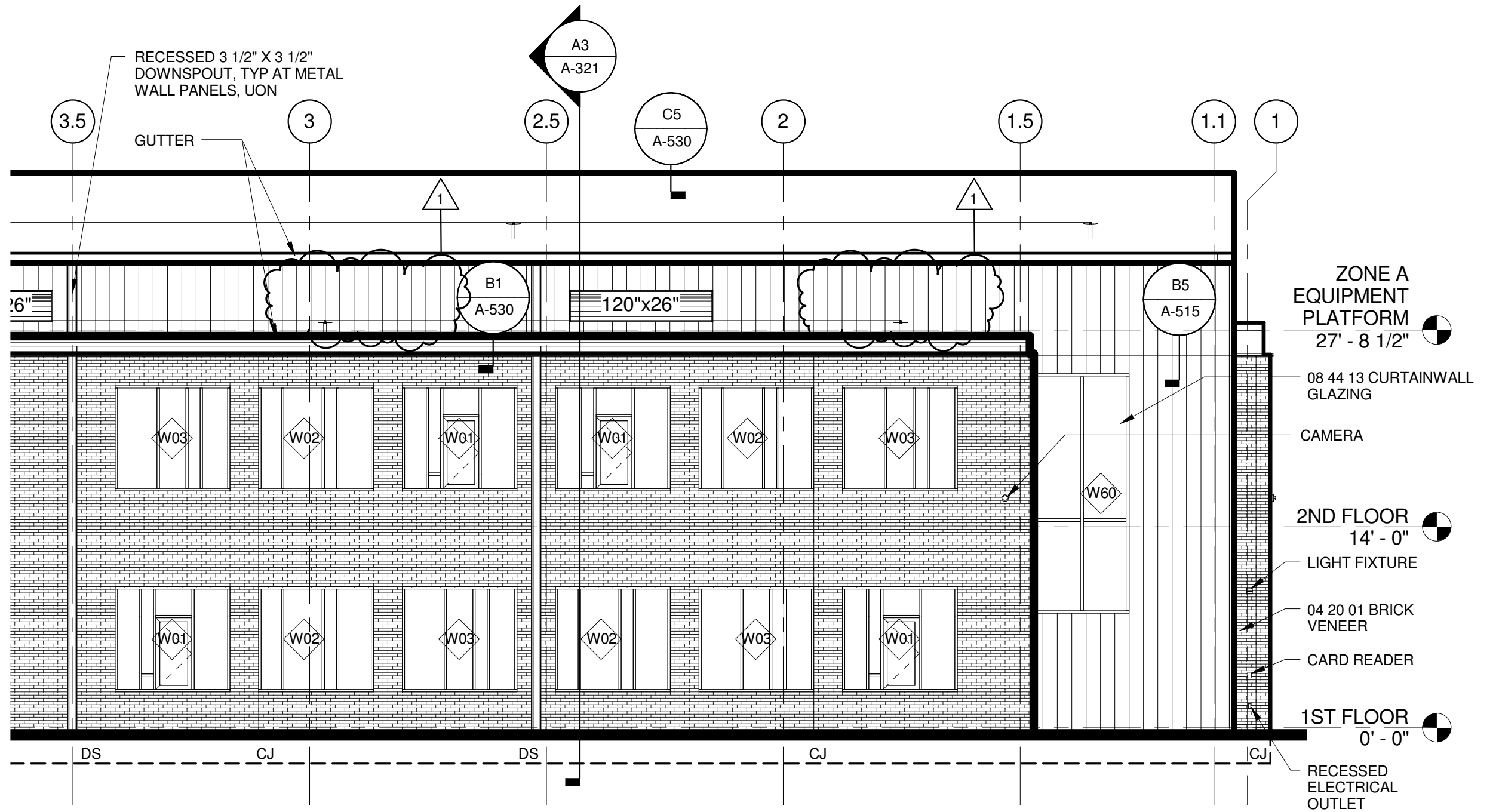


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| 1 | 3-11-2015 | ADDENDUM 5 |

ISSUE DATE: FEBRUARY 18, 2015
 ISSUE: CONSTRUCTION DOCUMENTS
 VOLUME: PACKAGE 2 VOLUME 1
 PROJECT NO: 2013912.00
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EXTERIOR WINDOW TYPES

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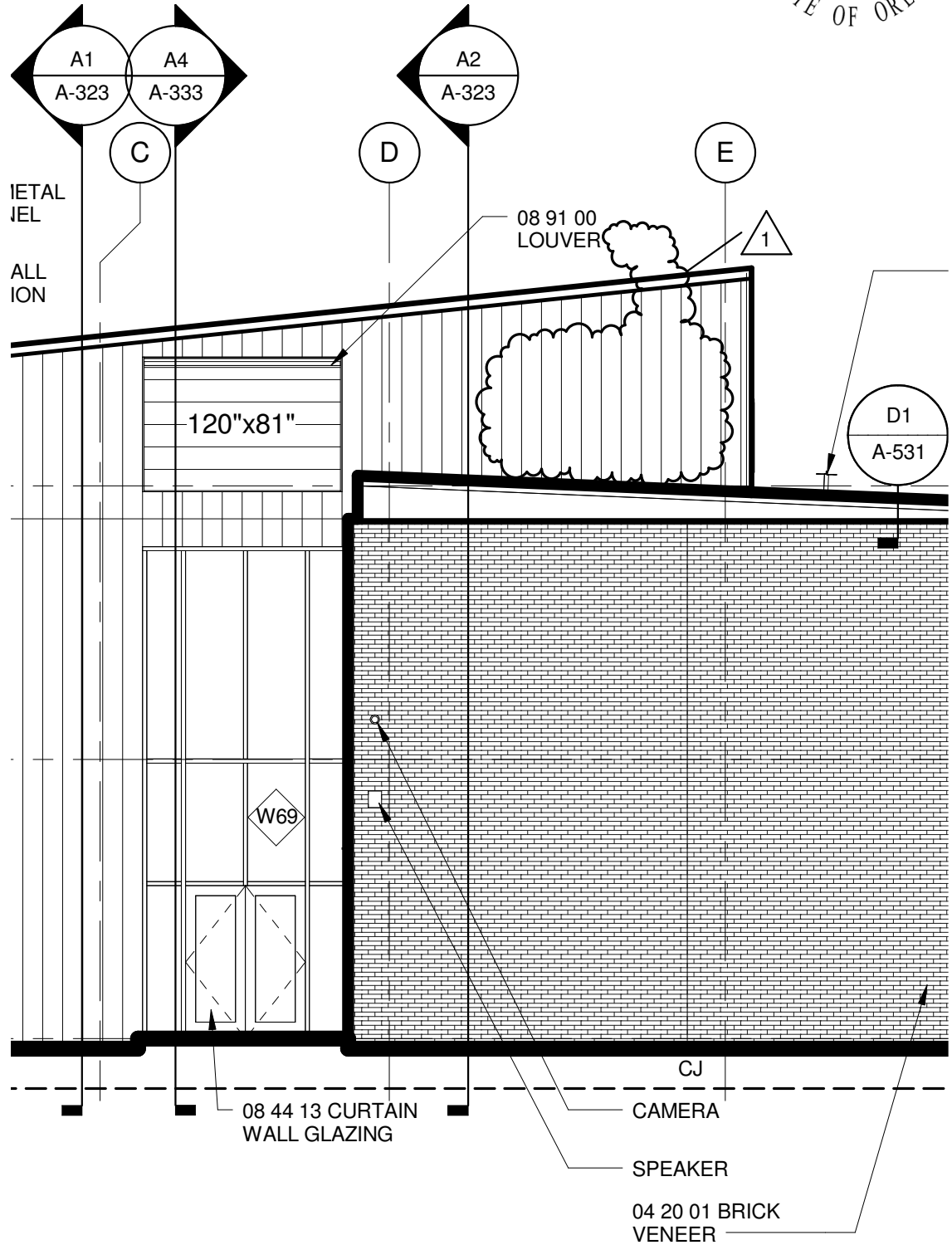


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REPLACEMENT ROOSEVELT MIDDLE SCHOOL
 CIP NUMBER 410.566.001
 680 EAST 24TH AVENUE
 EUGENE, OREGON 97405
 EUGENE SCHOOL DISTRICT 4J

DETL/SHT: B1/A-221
 REF: ADDENDUM 5

PROJECT NO: 2013912.00
 DATE: 3/11/15
 ADD-A-221-01



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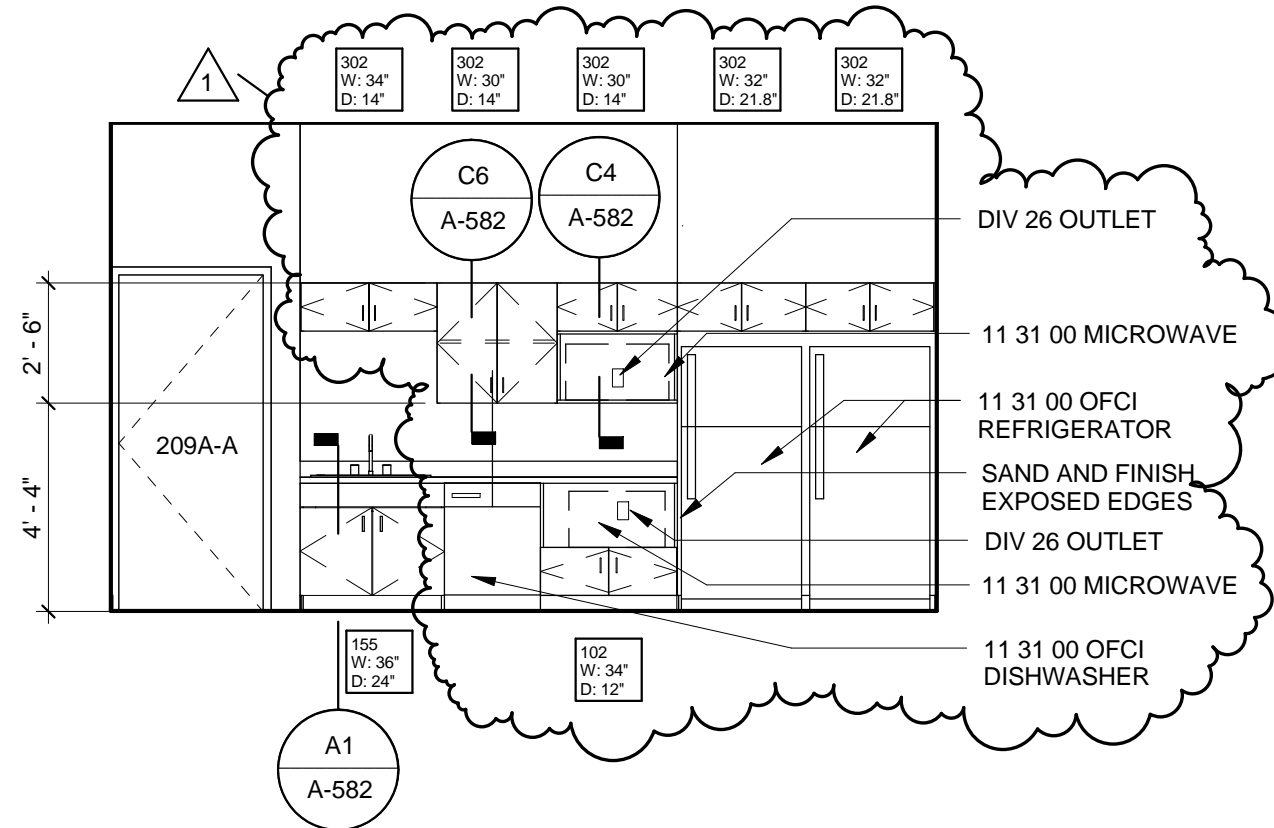
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REPLACEMENT ROOSEVELT MIDDLE SCHOOL
 CIP NUMBER 410.566.001
 680 EAST 24TH AVENUE
 EUGENE, OREGON 97405
 EUGENE SCHOOL DISTRICT 4J

DETL/SHT: **B1/A-223**
 REF: **ADDENDUM 5**

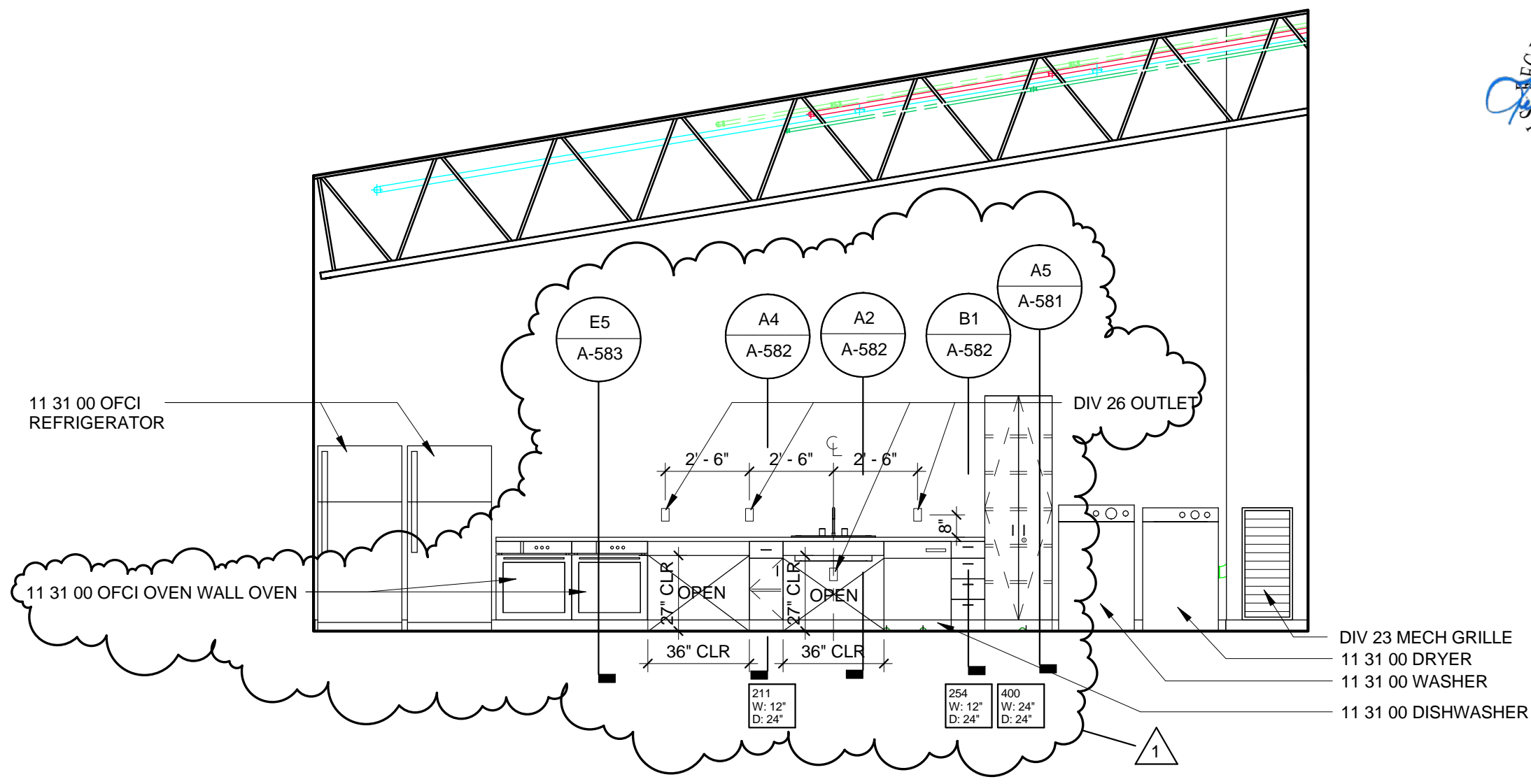
PROJECT NO: **2013912.00**
 DATE: **3/11/15**
ADD-A-223-01



B3 209 LOUNGE - SOUTH
1/4" = 1'-0"

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3/11/2015 2:51:18 PM



E1 155 HOME ED C1 - NORTH
1/4" = 1'-0"

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REPLACEMENT ROOSEVELT MIDDLE SCHOOL
CIP NUMBER 410.566.001
680 EAST 24TH AVENUE
EUGENE, OREGON 97405
EUGENE SCHOOL DISTRICT 4J

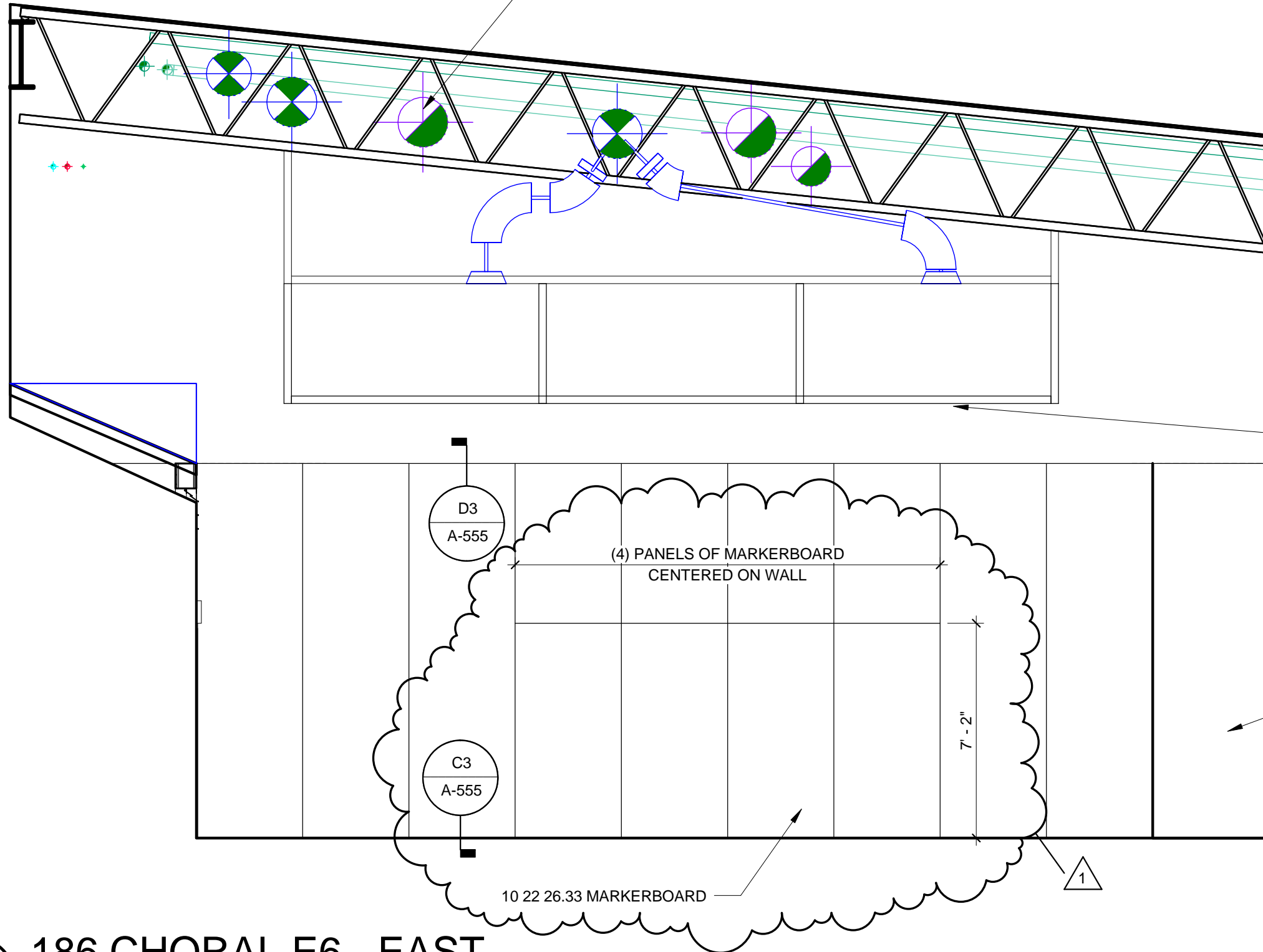
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REF: ADDENDUM 1

PROJECT NO: 2013912.00
DATE: 3/11/15
ADD-A-271-01

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DIV 23 MECHANICAL DUCTWORK
TYP



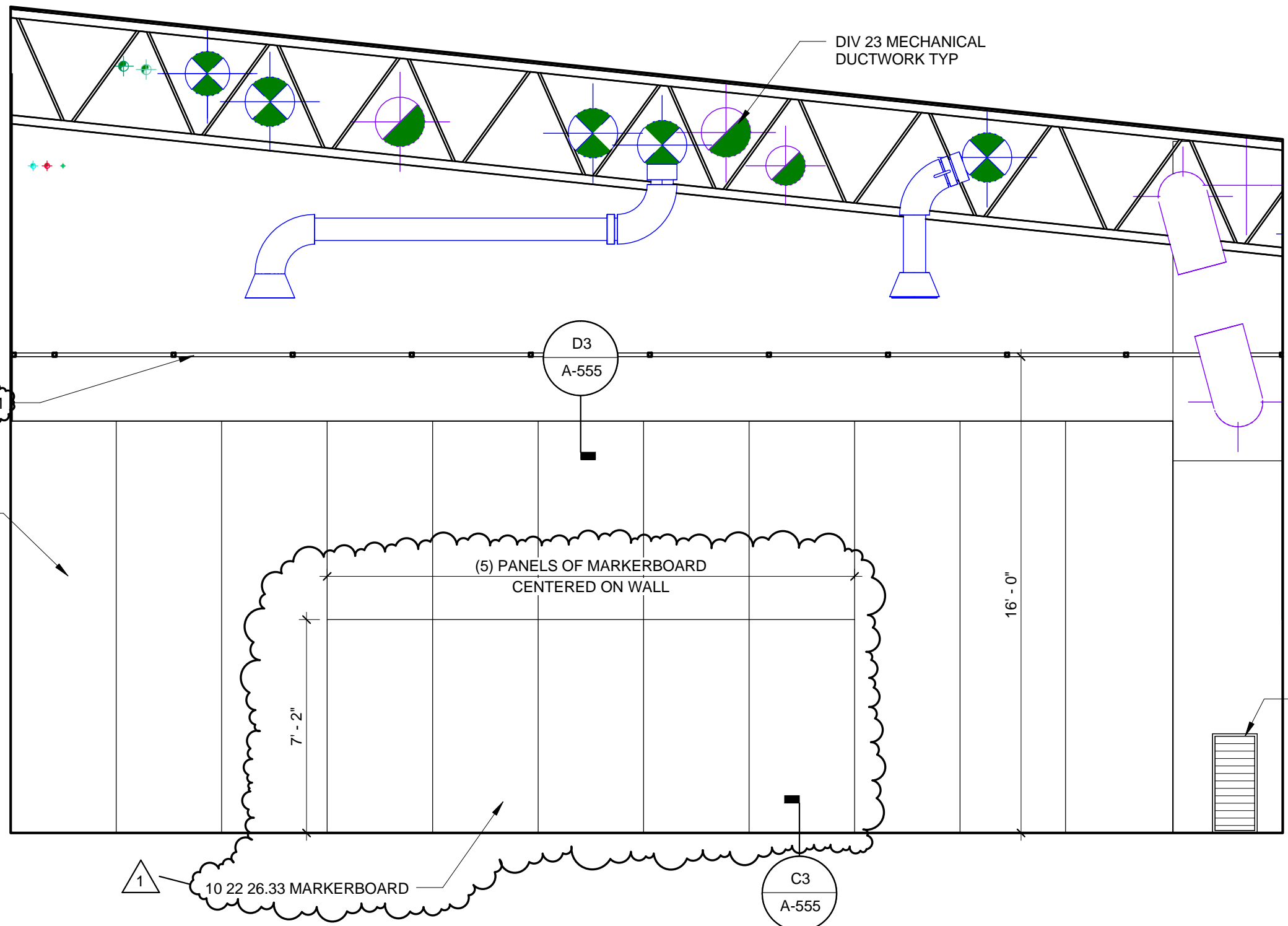
A1 186 CHORAL E6 - EAST
1/4" = 1'-0"

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REPLACEMENT ROOSEVELT MIDDLE SCHOOL
CIP NUMBER 410.566.001
680 EAST 24TH AVENUE
EUGENE, OREGON 97405
EUGENE SCHOOL DISTRICT 4J

DETL/SHT: A1/A-286
REF: ADDENDUM 5

PROJECT NO: 2013912.00
DATE: 03/11/15
ASK-A-286-01



184 DRAMA/PLATFORM E7 - EAST

D3
1/4" = 1'-0"

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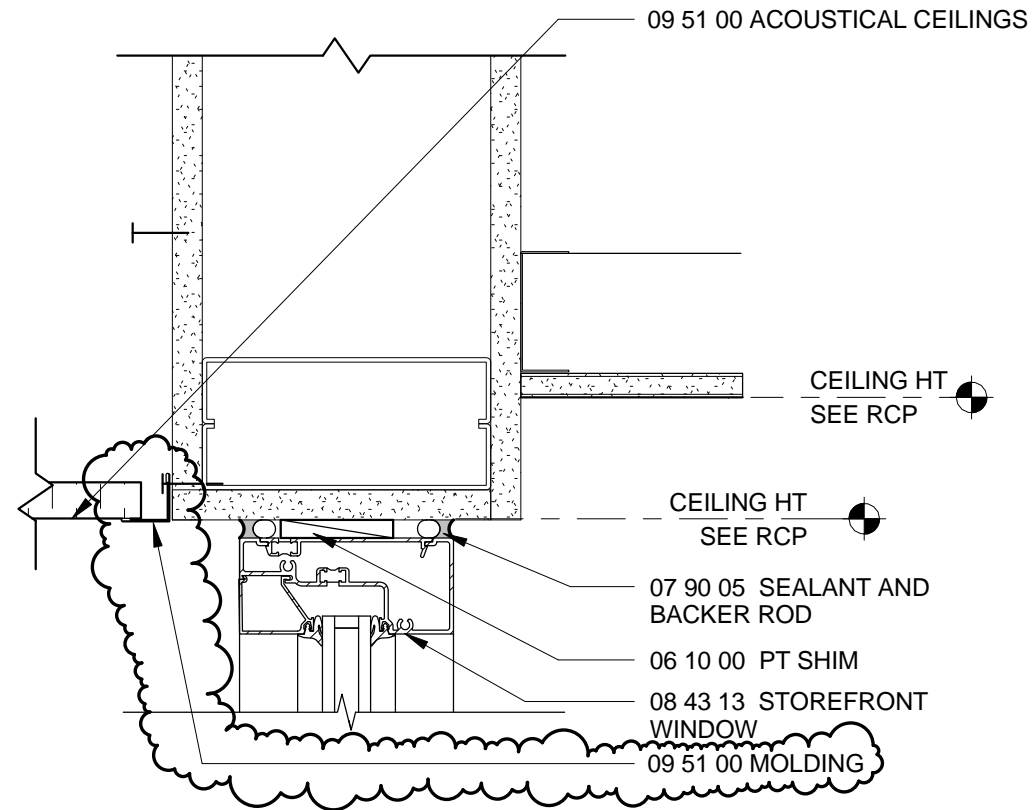
REPLACEMENT ROOSEVELT MIDDLE SCHOOL
CIP NUMBER 410.566.001
680 EAST 24TH AVENUE
EUGENE, OREGON 97405
EUGENE SCHOOL DISTRICT 4J

DETL/SHT: **D3/A-287**
REF: **ADDENDUM 5**

PROJECT NO: **2013912.00**
DATE: **03/11/15**
ADD-A-287-01

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3/11/2015 2:52:44 PM



B1 INTERIOR STOREFRONT HEAD/JAMB
3" = 1'-0"



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REPLACEMENT ROOSEVELT MIDDLE SCHOOL
 CIP NUMBER 410.566.001
 680 EAST 24TH AVENUE
 EUGENE, OREGON 97405
 EUGENE SCHOOL DISTRICT 4J

DETL/SHT: **B1/A-556**
 REF: **ADDEDNUM 5**

PROJECT NO: **2013912.00**
 DATE: **3/11/15**
ADD-A-556-01

| | | |
|--|---|---|
| <p>REFER TO PLAN FOR INTERIOR BEARING WALL</p> | <p>SEALER (09 90 00) BRICK VENEER (04 20 01) 2" AIR SPACE 2" MINERAL FIBER BOARD INSULATION (07 21 00) MASONRY ANCHOR (04 20 01) WRB-A (07 25 00) EXTERIOR GYPSUM SHEATHING (09 21 16) 6" STEEL STUD FRAMING (05 40 00) 6 1/2" BATT INSULATION (07 21 00) 1/2" GAP TO INTERIOR BEARING WALL - REFER TO STRUCTURAL DRAWINGS FOR BRACING</p> | |
| | <p>MARK</p> <p>X21-5-0</p> | <p>FIRE RESISTANCE/ 0 HOUR(S)</p> <p>SOURCE:</p> <p>STC RATING/SOURCE:</p> |



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REPLACEMENT ROOSEVELT MIDDLE SCHOOL
 CIP NUMBER 410.566.001
 680 EAST 24TH AVENUE
 EUGENE, OREGON 97405
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DETL/SHT: X21-5-0/A-601
 REF: ADDENDUM 5

PROJECT NO: 2013912.00
 DATE: 3/11/15
 ADD-A-601-01