

ADDENDUM #01

Project Name:

Iowa DAS - DOC 4JD CBC New Central Office Building

DAS# 9488.00

RFB 948800-01

Addendum #01

Dated: April 30, 2026

This Addendum forms a part of the bidding and contract documents. This Addendum supersedes and supplements all portions of the original bidding and contract documents dated April 21, 2026 with which it conflicts.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

1) CLARIFICATIONS

- A. See attached SVPA Addendum Number One

2) SPECIFICATIONS

- A. See attached SVPA Addendum Number One

3) QUESTIONS

- A. No items.

4) SUBSTITUTION REQUESTS

- A. No items.

5) ATTACHMENTS

- A. SVPA Addendum Number One, Dated April 30, 2026 (4 pages, Sections 06 1613, 10 1419, 26 0529, and 30 drawings)

END OF ADDENDUM

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ADDENDUM NUMBER ONE
To Contract Documents for:
IOWA DAS – DOC 4JD CBC NEW CENTRAL OFFICE BUILDING
SVPA Project No. 25079
Owner Project No. 9488.00

ARCHITECT AND INTERIOR DESIGNER:

SVPA Architects Inc.
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OWNER:

Iowa Department of Administrative Services
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Des Moines, IA 50319

CONSTRUCTION MANAGER:

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West Des Moines, IA 50266
Contact: Jerry Dehnke
(515) 661-7142
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CIVIL ENGINEER:

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Contact: Elizabeth Hunter
(712) 322-3202
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STRUCTURAL ENGINEER:

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MEPT ENGINEERING:

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Des Moines, IA 50309
Contact: Jason Jones
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This addendum is issued to modify, clarify, or amend the original Project Manual and /or Drawings and is hereby made part of the Contract Documents dated April 21, 2026. The Contractor shall be responsible for incorporating items in this Addendum to the Work. Attach this addendum to the Project Manual(s) in your possession. Acknowledge receipt of this Addendum by number where indicated on the Bid Form. Failure to do so may subject Bidder to disqualification. The following shall take precedence over anything to the contrary in the Project Manual, in the Drawings, or in prior Addenda.

This Addendum consists of 4 pages and the following attachments:

- (10) Pages REVISED Section 06 1613, 10 1419, 26 0529
- (2) REVISED General Drawing G001, G002
- (2) REVISED Civil Drawings C4, C10
- (1) REVISED Structural Drawing S503
- (16) REVISED Architectural Drawings A001, A100, A110, A200, A300, A310, A311, A400, A420, A421, A500, A510, A511, A600, A700, A800
- (3) REVISED Mechanical Drawings M100, M110, M120
- (1) REVISED Plumbing Drawing P000
- (3) REVISED Electrical Drawings E100, E110, E200
- (2) REVISED Technology Drawings T101, T600

CHANGES TO SPECIFICATIONS

1. **Section 06 1613 – INSULATING SHEATHING SYSTEMS**
 - A. ADD 2.5 Miscellaneous Sheathing, A. Exterior grade plywood 3/4-inch.
 - B. See attached revised section 06 1613.
2. **Section 10 1419 – DIMENSIONAL LETTER SIGNAGE**
 - A. REMOVE paragraph 1.1.A.2 Illuminated, molded-plastic dimensional characters.
 - B. REMOVE paragraph 2.1.B.
 - C. See attached revised section 10 1419.
3. **Section 26 0529 – HANGERS AND SUPPORTS**
 - A. ADD paragraph 3.3 in its entirety.
 - B. ADD “END OF SECTION” at end of the section.
 - C. See attached revised section 26 0529.

CHANGES TO DRAWINGS

1. **Sheet G001 – COVER SHEET**
 - A. REVISE project name to “IOWA DAS - DOC 4JD CBC NEW CENTRAL OFFICE BUILDING” in lieu of “IOWA DAS - DOC DJD CBC NEW CENTRAL OFFICE BUILDING”.
 - B. See attached revised sheet G001.
2. **Sheet G002 – CODE PLAN AND REVIEW**
 - A. REVISE total building area and height.
 - B. REVISE occupancy totals.
 - C. ADD dimensions at stairways.
 - D. ADD notes to code sections 1024.2 and 1028.2.
 - E. See attached revised sheet G002.
3. **Sheet C4 – DIMENSION & LAYOUT PLAN**
 - A. REVISE note 4F.
 - B. See attached revised sheet C4.
4. **Sheet C10 – LANDSCAPING PLAN**
 - A. REVISE plant schedule table.
 - B. See attached revised sheet C10.
5. **Sheet S503 – STRUCTURAL DETAILS**
 - A. REVISE Section - D3 ENTRANCE FRAMING. ADD information for deck condition at scupper.
 - B. See attached revised sheet S503.
6. **Sheet A001 – WALL TYPES**
 - A. REVISE keynotes to wall types.
 - B. REMOVE dimension string from typical interior partition.
 - C. See attached revised sheet A001.
7. **Sheet A100 – FLOOR PLANS**
 - A. ADD dimension strings and clarifying notes to dimension string at building corners.
 - B. ADD section 7/A311 and elevation 18/A400 to Mechanical Room 238.
 - C. REVISE elevation in GENERAL NOTES: FLOOR PLANS note 3.
 - D. See attached revised sheet A100.
8. **Sheet A110 – ROOF PLAN**
 - A. ADD Keynotes to ROOF PLAN NOTES.
 - B. ADD dimensions to walkway pad and add keynotes to plan.
 - C. ADD Detail View 7: CANOPY DETAIL 2 to sheet.
 - D. REVISE detail keynotes.
 - E. REVISE structural connection at walls – details 2 and 3.
 - F. REMOVE roof drain from ROOF LEGEND.
 - G. REVISE gas line location – see MECHANICAL.
 - H. See attached revised sheet A110.

9. Sheet A200 – EXTERIOR ELEVATIONS

- A. ADD EXTERIOR ELEVATION NOTES to sheet.
- B. ADD keynotes to elevations.
- C. REVISE control joint locations.
- D. ADD storefront jambs to elevations.
- E. See attached revised sheet A200.

10. Sheet A300 – BUILDING SECTIONS

- A. ADD note “RTU BEYOND – SEE MECH” to BUILDING SECTION 4.
- B. REMOVE dimension string in View 5.
- C. ADD detail 7/A110 and VEST to BUILDING SECTION 5.
- D. See attached revised sheet A300.

11. Sheet A310 – WALL SECTIONS

- A. ADD elevation callouts.
- B. REVISE structural connections at roof.
- C. See attached revised sheet A310.

12. Sheet A311 – WALL SECTIONS

- A. REVISE detail 6 location on sheet.
- B. ADD details 7 and 8 to sheet.
- C. REVISE slab condition at view 1 CANOPY SECTION.
- D. ADD keynote to Wall Section 3.
- E. See attached revised sheet A311.

13. Sheet A400 – INTERIOR ELEVATIONS

- A. ADD elevation 18: ROOF LADDER ELEVATION
- B. See attached revised sheet A400.

14. Sheet A420 – STAIR S-1, ELEVATOR PLANS & SECTIONS

- A. REVISE wall tags.
- B. ADD dimension strings to stairs
- C. ADD details 6/A511 and 7/A511 to View 5.
- D. ADD elevator pit ladder and detail 9/A421.
- E. See attached revised sheet A420.

15. Sheet A421 – STAIR S-2 PLANS & SECTIONS

- F. ADD details 7, 8, 9, and 10 to sheet and individual views.
- A. REVISE detail 6 location on sheet.
- B. ADD dimension strings.
- C. ADD gate to guard rail below stair.
- D. See attached revised sheet A421.

16. Sheet A500 – PLAN DETAILS

- A. REVISE detail keynotes.
- B. See attached revised sheet A500.

17. Sheet A510 – SECTION DETAILS

- A. REVISE box header height based on structural notes.
- B. REVISE keynotes.
- C. REMOVE duplicate keynotes at details 4 and 5.
- D. See attached revised sheet A510.

18. Sheet A511 – SECTION DETAILS

- A. ADD details 6 and 7 to sheet.
- B. REVISE structural connection at detail 5, CANOPY CONNECTION.
- C. ADD roof tag to detail 4.
- D. ADD insulation and keynotes to detail 3 LOW CANOPY FASCIA DETAIL.
- E. REMOVE wall tag from detail 2.
- F. See attached revised sheet A511.

19. Sheet A600 – DOOR SCHEDULE AND TYPES

- A. REVISE dimension string for storefront type SF04.
- B. REMOVE frame depth and hardware notes from schedule.
- C. REMOVE hardware notes legend from sheet.
- D. REMOVE note 3 from GENERAL NOTES: DOOR AND FRAME NOTES. Notes in legend were renumbered starting at 3.
- E. See attached revised sheet A600.

20. Sheet A700 – REFLECTED CEILING PLAN

- A. REVISE speaker and light locations.
- B. ADD note 2 to Reflected Ceiling Plan Notes.
- C. ADD soffit to canopy.
- A. See attached revised sheet A700.

21. Sheet A800 – FLOOR FINISH PLAN

- A. ADD note 4 to windowsills at Vest 100.
- B. See attached revised sheet A800.

22. Sheet M100 – LEVEL 1 – HVAC PLAN

- A. REVISE diffusers and grilles in Office 115 and Breakroom 133.
- B. REVISE gas meter and gas pipe up location.
- C. See attached revised sheet M100.

23. Sheet M110 – LEVEL 2 – HVAC PLAN

- A. REVISE diffuser in Stair S-2.
- B. REVISE gas pipe up/down location.
- C. See attached revised sheet M110.

24. Sheet M120 – ROOF PLAN – MECHANICAL

- A. REVISE location of RH-1 and exhaust gooseneck.
- B. REVISE location of gas pipe.
- C. See attached revised sheet M120.

25. Sheet P000 – PLUMBING SYMBOLS AND ABBREVIATIONS

- A. REVISE IECC date to 2012.
- B. See attached revised sheet P000.

26. Sheet E100 – LEVEL 1 – LIGHTING PLAN

- A. REVISE lighting layout.
- B. See attached revised sheet E100.

27. Sheet E110 – LEVEL 2 – LIGHTING PLAN

- A. REVISE lighting layout.
- B. See attached revised sheet E110.

28. Sheet E200 – LEVEL 1 – POWER PLAN

- A. REVISE location of ADA push button.
- B. See attached revised sheet E200.

29. Sheet T101 – LEVEL 1 – TECHNOLOGY FLOOR PLAN

- A. REVISE location of card reader
- B. See attached revised sheet T101.

30. Sheet T600 – TECHNOLOGY DETAILS

- A. REVISE detail 2/T600.
- B. See attached revised sheet T600.

END OF ADDENDUM 01

SECTION 06 1613
INSULATING SHEATHING SYSTEMS

PART 1 GENERAL

1.1 SUMMARY

- A. The Section includes insulating wall sheathing with integral water-resistive barrier and air barrier.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of sheathing product specified. Include evaluation reports from ICC-ES for wood sheathing and seam tape, and product certifications indicating that sheathing products comply with ICC-ES AC269 and ICC-ES AC310.

1.3 CLOSEOUT SUBMITTALS

- A. Special Manufacturer's Warranty: Manufacturer's standard form in which sheathing manufacturer agrees to repair or replace sheathing products that demonstrate deterioration or failure under normal use due to manufacturing defects within warranty period specified, when installed according to manufacturer's instructions.
 - 1. Warranty Period for Sheathing Products: 30 years following date of Substantial Completion.
 - 2. Warranty Conditions: Special warranties exclude deterioration or failure due to structural movement resulting in stresses on sheathing products exceeding manufacturer's written specifications, or due to air or moisture infiltration resulting from cladding failure or mechanical damage.
 - 3. Warranty shall be clearly noted or highlighted.

1.4 QUALITY ASSURANCE

- A. Provide wall sheathing products meeting requirements for water-resistive barrier in accordance with ICC-ES AC310.
- B. Provide wall sheathing products meeting requirements of ICC-ES AC269.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Comply with manufacturer's written instructions for protection of sheathing products from weather prior to installation.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Manufacturer: Huber Engineered Woods LLC, Charlotte NC; Phone: (800) 933-9220; Website: www.zipsystem.com.
 - 1. Substitutions: Allowed in accordance with Division 00 & 01 Specifications.

2.2 PERFORMANCE REQUIREMENTS

- A. Air-Barrier Assembly Air Leakage: Less than 0.04 cfm/sq. ft. at 1.57 lbf/sq. ft.
- B. Water-Vapor Permeance, Facer: Minimum 12 perms, ASTM E96/E96M.
- C. Weather Exposure: Manufacturer warranty applies for maximum allowable exposure period of 180 days.

2.3 MATERIALS

- A. Oriented Strand Board: DOC PS 2, made with binder containing no added urea formaldehyde.
- B. Rigid Foam Plastic Insulating Board: Rigid polyisocyanurate foam core complying with ASTM C1289 Type II, Class 2, and ICC-ES AC12, with coated glass fiber facers on both sides and the following characteristics:
 - 1. Nominal Density: 2.0 pcf.
 - 2. Compressive Strength, ASTM D1621: Not less than 20 psi.
 - 3. Vapor Permeance, ASTM E96/E96M: Less than 1.0 perm.
 - 4. Edge Configuration: Square finished.

2.4 INSULATING WALL SHEATHING

- A. Composite Insulating Wall Sheathing: Oriented-strand-board Exposure 1 sheathing 7/16-inch thick, factory-laminated water-resistive barrier exterior facer, and rigid foam plastic insulating board laminated to interior face.
 - 1. Basis-of-Design Product: Huber Engineered Woods LLC; ZIP System R-6 Sheathing.
 - 2. Span Rating and Performance Category of Sheathing Layer: Not less than 24/16; 7/16 Performance Category.
 - 3. Panel thickness: 2 inches.
 - 4. Thermal Resistivity (R Value): R- 9.
 - 5. Edge Profile: Square edge.
 - 6. Exterior Facer: Medium-density, phenolic-impregnated polymer-modified sheet material meeting requirements for ASTM D779 Grade D weather-resistive barrier in accordance with ICC AC38 and AC310, with fastener spacing symbols on exterior facer for 16 inches and 24 inches on center spacing and the following characteristics.
 - a. Water Resistance of Coatings, ASTM D2247: Pass 14-day exposure test.
 - b. Moisture Vapor Transmission, ASTM E96: Not less than 12 perms.
 - c. Water Penetration, ASTM E331: Pass at 2.86 lbf/sq. ft.
 - d. Wind Driven Rain, TAS-100: Pass.
 - e. Accelerated Weathering, ASTM G154: Pass.
 - 7. Substitutions: Allowed in accordance with Division 00 & 01 Specifications.

2.5 MISCELLANEOUS SHEATHING

- A. Exterior grade plywood 3/4-inch.

2.6 FASTENERS

- A. Fasteners, General: Size and type complying with manufacturer's written instructions for Project conditions and requirements of authorities having jurisdiction.
 - 1. Corrosion Resistance: Hot-dip zinc coating, ASTM A153/A 153M or Type 304 stainless

steel.

- B. Nails, Brads, and Staples: ICC AC116 and ICC AC201.
- C. Power-Driven Fasteners: ICC-ES-1539 or NER-272.
- D. Wood Screws: ASME B18.6.1.

2.7 SHEATHING JOINT-AND-PENETRATION TREATMENT MATERIAL

- A. Self-Adhering Seam and Flashing Tape: Pressure-sensitive, self-adhering, cold-applied, seam tape consisting of polyolefin film with acrylic adhesive, meeting ICC AC148.
 - 1. Basis-of-Design Product: Huber Engineered Woods; ZIP System Tape.
 - 2. Thickness: 0.012-inch.
- B. Liquid-Applied Flashing: Seamless air and water barrier.
 - 1. Basis of Design: Zip System "Liquid Flash".
 - 2. Thickness: 12-15 mil minimum.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine framing spacing and alignment to determine if work is ready to receive sheathing. Proceed with sheathing work once conditions meet requirements.

3.2 SHEATHING INSTALLATION

- A. Install sheathing panels in accordance with manufacturer's written instructions, requirements of applicable Evaluation Reports, and requirements of authorities having jurisdiction.
- B. Air and Moisture Barrier: Coordinate sheathing installation with flashing and joint sealant installation and adjacent building air and moisture barrier components to provide complete, continuous air- and moisture- barrier.
- C. Do not bridge expansion joints; allow joint spacing equal to spacing of structural supports.
- D. Install panels with laminated facer to exterior. Stagger end joints of adjacent panel runs.
- E. Attach sheathing panels securely to substrate with manufacturer-approved fasteners in compliance with the following:
 - 1. ICC-ES ESR-1539 or ICC-NES NER-272 for power-driven fasteners.
 - 2. IBC: Table 2304.9.1 Fastening Schedule.
- F. Apply seam tape at all panel seams, penetrations, and facer defects or cracks to form continuous weathertight surface. Apply tape according to manufacturer's written instructions and requirements of ICC-ES applicable to tape application.
- G. Apply liquid flashing in strict accordance with manufacturer's written instructions.

END OF SECTION

SECTION 10 1419
DIMENSIONAL LETTER SIGNAGE

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Fabricated channel dimensional characters.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For dimensional letter signs.
 - 1. Include fabrication and installation details and attachments to other work.
 - 2. Show sign mounting heights, locations of supplementary supports to be provided by others, and accessories.
 - 3. Show message list, typestyles, graphic elements, and layout for each sign at least half size.
 - 4. Show locations of electrical service connections.
 - 5. Include diagrams for power, signal, and control wiring.
- C. Samples: For each exposed product and for each color and texture specified.
- D. Sign Schedule: Use same designations specified or indicated on Drawings or in a sign schedule.
- E. Delegated-Design Submittal: For signs indicated in "Performance Requirements" Article.
 - 1. Include structural analysis calculations for signs indicated to comply with design loads; signed and sealed by the qualified professional engineer responsible for their preparation.

1.3 CLOSEOUT SUBMITTALS

- A. Maintenance data.
- B. Special Warranty: Manufacturer agrees to repair or replace components of signs that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Five years from date of Substantial Completion.
 - 2. Warranty shall be clearly labeled or highlighted.

PART 2 PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Thermal Movements: For exterior fabricated channel dimensional characters, allow for thermal movements from ambient and surface temperature changes.
 - 1. Temperature Change: 120°F, ambient; 180°F, material surfaces.

2.2 DIMENSIONAL CHARACTERS

- A. Fabricated Channel Characters: Metal face and side returns, formed free from warp and distortion; with uniform faces, sharp corners, and precisely formed lines and profiles; internally braced for stability and for securing fasteners; and as follows.
 - 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 2. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
 - a. ACE Sign Systems, Inc.
 - b. Allen Industries, Inc.; Architectural Division.
 - c. APCO Graphics, Inc.
 - d. A. R. K. Ramos Signage Systems.
 - e. Latitude,
 - f. Diskey Sign Company.
 - g. Gemini Incorporated.
 - h. Metallic Arts.
 - i. Nelson-Harkins Industries.
 - j. Poblocki Sign Company, LLC.
 - k. Steel Art Company.
 - l. Substitutions: Allowed in accordance with Division 00 & 01 Specifications.
 - 3. Character Material: Sheet or plate aluminum.
 - 4. Character Height: 8".
 - 5. Character Depth: 1".
 - 6. Finishes:
 - a. Integral Aluminum Finish: Black anodized.
 - 7. Mounting: Projecting studs.
 - a. Hold characters at distance as selected by Architect from wall surface.

2.3 ACCESSORIES

- A. Fasteners and Anchors: Manufacturer's standard as required for secure anchorage of signage, noncorrosive and compatible with each material joined, and complying with the following:
 - 1. Use concealed fasteners and anchors unless indicated to be exposed.
 - 2. For exterior exposure, furnish stainless-steel devices unless otherwise indicated.
 - 3. Sign Mounting Fasteners:
 - a. Concealed Studs: Concealed (blind), threaded studs welded or brazed to back of sign material, screwed into back of sign assembly, or screwed into tapped lugs cast integrally into back of cast sign material, unless otherwise indicated.

2.4 FABRICATION

- A. General: Provide manufacturer's standard sign assemblies according to requirements indicated.
 - 1. Mill joints to a tight, hairline fit. Form assemblies and joints exposed to weather to resist water penetration and retention.
 - 2. Provide welds and brazes behind finished surfaces without distorting or discoloring exposed sides. Clean exposed welded and brazed connections of flux, and dress exposed and contact surfaces.
 - 3. Conceal connections if possible; otherwise, locate connections where they are

- inconspicuous.
- 4. Internally brace signs for stability and for securing fasteners.
- 5. Provide rebates, lugs, and brackets necessary to assemble components and to attach to existing work. Drill and tap for required fasteners. Use concealed fasteners where possible; use exposed fasteners that match sign finish.
- 6. Castings: Fabricate castings free of warp, cracks, blowholes, pits, scale, sand holes, and other defects that impair appearance or strength. Grind, wire brush, sandblast, and buff castings to remove seams, gate marks, casting flash, and other casting marks before finishing.

PART 3 EXECUTION

3.1 INSTALLATION

- A. General: Install signs using mounting methods indicated and according to manufacturer's written instructions.
 - 1. Install signs level, plumb, true to line, and at locations and heights indicated, with sign surfaces free of distortion and other defects in appearance.
 - 2. Before installation, verify that sign surfaces are clean and free of materials or debris that would impair installation.
- B. Mounting Methods:
 - 1. Concealed Studs: Using a template, drill holes in substrate aligning with studs on back of sign. Remove loose debris from hole and substrate surface.
 - a. Masonry Substrates: Fill holes with adhesive. Leave recess space in hole for displaced adhesive. Place sign in position and push until flush to surface, embedding studs in holes. Temporarily support sign in position until adhesive fully sets.
 - b. Thin or Hollow Surfaces: Place sign in position and flush to surface, install washers and nuts on studs projecting through opposite side of surface, and tighten.
- C. Remove temporary protective coverings and strippable films as signs are installed.

END OF SECTION

SECTION 26 0529
HANGERS AND SUPPORTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A Support and attachment requirements and components for equipment, conduit, cable, boxes, and other electrical work.

1.2 REFERENCE STANDARDS

- A ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
- B ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
- C ASTM B633 - Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel.
- D MFMA-4 - Metal Framing Standards Publication.
- E NECA 1 - Standard for Good Workmanship in Electrical Construction.
- F NFPA 70 - National Electrical Code.

1.3 ADMINISTRATIVE REQUIREMENTS

- A Coordination:
 - 1. Coordinate sizes and arrangement of supports and bases with actual equipment and components to be installed.
 - 2. Coordinate work to provide additional framing and materials required for installation.
 - 3. Coordinate compatibility of support and attachment components with mounting surfaces at installed locations.
 - 4. Coordinate arrangement of supports with ductwork, piping, equipment and other potential conflicts.
 - 5. Notify Architect of conflicts with or deviations from Contract Documents. Obtain direction before proceeding with work.
- B Sequencing:
 - 1. Do not install products on or provide attachment to concrete surfaces until concrete has fully cured.

1.4 DELIVERY, STORAGE, AND HANDLING

- A Receive, inspect, handle, and store products in accordance with manufacturer's instructions.

PART 2 PRODUCTS

2.1 SUPPORT AND ATTACHMENT COMPONENTS

A General Requirements:

1. Comply with the following. Where requirements differ, comply with most stringent.
 - a. NFPA 70.
 - b. Requirements of authorities having jurisdiction.
2. Provide required hangers, supports, anchors, fasteners, fittings, accessories, and hardware as necessary for complete installation of electrical work.
3. Provide products listed, classified, and labeled as suitable for purpose intended, where applicable.
4. Where support and attachment component types and sizes are not indicated, select in accordance with manufacturer's application criteria as required for load to be supported. Include consideration for vibration, equipment operation, and shock loads where applicable.
5. Do not use products for applications other than as permitted by NFPA 70 and product listing.
6. Do not use wire, chain, perforated pipe strap, or wood for permanent supports unless specifically indicated or permitted.
7. Steel Components: Use corrosion-resistant materials suitable for environment where installed.
 - a. Zinc-Plated Steel: Electroplated in accordance with ASTM B633.
 - b. Galvanized Steel: Hot-dip galvanized after fabrication in accordance with ASTM A123/A123M or ASTM A153/A153M.

B Conduit and Cable Supports: Straps and clamps suitable for conduit or cable to be supported.

1. Conduit Straps: One-hole or two-hole type; steel.
2. Conduit Clamps: Bolted type unless otherwise indicated.

C Outlet Box Supports: Hangers and brackets suitable for boxes to be supported.

D Metal Channel/Strut Framing Systems:

1. Description: Factory-fabricated, continuous-slot, metal channel/strut and associated fittings, accessories, and hardware required for field assembly of supports.
2. Comply with MFMA-4.
3. Channel Material:
 - a. Indoor Dry Locations: Use painted steel, zinc-plated steel, or galvanized steel.
 - b. Outdoor and Damp or Wet Indoor Locations: Use galvanized steel.

E Hanger Rods: Threaded, zinc-plated steel unless otherwise indicated.

F Anchors and Fasteners:

1. Unless otherwise indicated and where not otherwise restricted, use anchor and fastener types indicated for specified applications.
2. Concrete: Use preset concrete inserts, expansion anchors, or screw anchors.
3. Solid or Grout-Filled Masonry: Use expansion anchors or screw anchors.
4. Hollow Masonry: Use toggle bolts, expansion anchors, or expansion anchors.
5. Hollow Stud Walls: Use toggle bolts.
6. Steel: Use beam clamps, machine bolts, or welded threaded studs.
7. Sheet Metal: Use sheet metal screws.

8. Plastic and lead anchors are not permitted.
9. Powder-actuated fasteners are not permitted.
10. Hammer-driven anchors and fasteners are not permitted.

- G Cable Supports for Vertical Conduit: Factory-fabricated body with insulated wedging plug, appropriately sized for conductors being supported.

PART 3 EXECUTION

3.1 EXAMINATION

- A Verify that field measurements are as indicated.
- B Verify that mounting surfaces are ready to receive support and attachment components.
- C Verify that conditions are satisfactory for installation prior to starting work.

3.2 INSTALLATION

- A Install products in accordance with manufacturer's instructions.
- B Install hangers and supports in accordance with NECA 1.
- C Provide independent support from building structure. Do not provide support from piping, ductwork, or other systems.
- D Unless specifically indicated or approved by Architect, do not provide support from suspended ceiling support system or ceiling grid.
- E Unless specifically indicated or approved by Architect, do not provide support from roof deck.
- F Do not penetrate or otherwise notch or cut structural members without approval of Structural Engineer.
- G Equipment Support and Attachment:
1. Use metal, fabricated supports or supports assembled from metal channel/strut to support equipment as required.
 2. Use metal channel (strut) secured to studs to support equipment surface-mounted on walls when wall strength is not sufficient to resist pull-out.
 3. Use metal channel/strut to support surface-mounted equipment in wet or damp locations to provide space between equipment and mounting surface.
 4. Unless otherwise indicated, mount floor-mounted equipment on properly sized 3-1/2 inch high concrete pad.
 5. Securely fasten floor-mounted equipment. Do not install equipment such that it relies on its own weight for support.
 6. Install surface-mounted cabinets and panelboards with minimum of four anchors.
- H Secure fasteners in accordance with manufacturer's recommended torque settings.
- I Remove temporary supports.

- J Identify independent electrical component support wires above accessible ceilings, where permitted, with color distinguishable from ceiling support wires in accordance with NFPA 70.

3.3 FIELD QUALITY CONTROL

- A Inspect support and attachment components for damage and defects.
- B Repair cuts and abrasions in galvanized finishes using zinc-rich paint recommended by manufacturer. Replace components that exhibit signs of corrosion.
- C Correct deficiencies and replace damaged or defective support and attachment components.

END OF SECTION



DEPARTMENT OF CORRECTIONS, 4TH DISTRICT
801 S 10TH ST
COUNCIL BLUFFS, IOWA 51501

RFB948800-01
DAS PROJECT #: 9488.00

	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. Elizabeth A. Hunter, P.E. Date _____ License Number P18178 My License Renewal Date is December 31, 2026 Pages or sheets covered by this seal: _____ _____ _____ _____
--	---

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

NICHOLAS A. ANDERA (DATE)
LICENSE NO. 22839
LICENSE RENEWAL DATE: 12/31/2026
PAGES OR SHEETS COVERED BY THIS SEAL:
E-SERIES

ISSUE DATE: 04/21/2026

G001

PROJECT AND CODE SUMMARY

FACILITY NAME: IOWA DAS - DOC 4JD CBC CENTRAL OFFICE BUILDING
ADDRESS: 818 S. 10TH STREET, COUNCIL BLUFFS, IA 51501
PROJECT DESCRIPTION:
THIS PROJECT IS A NEW CONSTRUCTION OFFICE BUILDING FOR THE IOWA DAS.
TOTAL BUILDING AREA: 13,363 SQ. FT.
FLOOR 1 AREA: 6,843 SQ. FT.
FLOOR 2 AREA: 6,520 SQ. FT.
OCCUPANCY: B-BUSINESS
CONSTRUCTION TYPE: (V-B, SPRINKLED)

APPLICABLE CODES
AUTHORITY HAVING JURISDICTION: (CITY OR STATE)
2024 INTERNATIONAL BUILDING CODE (IBC)
2024 INTERNATIONAL FIRE CODE (IFC)
2023 NATIONAL ELECTRIC CODE (NFPA 70)
2024 INTERNATIONAL MECHANICAL CODE (IMC)
2024 INTERNATIONAL PLUMBING CODE (IPC)
2024 INTERNATIONAL FUEL GAS CODE (IFGC)
2012 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) CLIMATE ZONE: 5
2010 ADA STANDARDS, US DEPT OF JUSTICE
2017 A117.1 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
2012 NFPA 101 LIFE SAFETY CODE
2019 IOWA ELEVATOR CODE (ASME A17.1)

CODE REVIEW

OCCUPANCY TYPE (CH.3)
B - BUSINESS OCCUPANCY
BUILDING HEIGHTS & AREAS (CH.5)
TABLE 504.3. HEIGHT = 27'-0" (ACTUAL HEIGHT = 27'-0")
TABLE 504.4. STORES = 3 (ACTUAL STORES = 2)
TABLE 506.2. 3M AREA = 27,000 (ACTUAL AREA = 13,363)
506.2.3 TRAINING ROOM (9% OF FLOOR AREA) AND A-3 ASSEMBLY ARE A-3
ACCESSORY SPACES TO BUSINESS
TYPES OF CONSTRUCTION (CH.6)
CONSTRUCTION TYPE: V-B
REQUIRED FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS (CHAPTER 6)
PRIMARY STRUCTURAL FRAME (HRS) 0
BEARING WALLS 0
INTERIOR 0
EXTERIOR 0
NON-BEARING WALLS AND PARTITIONS 0
FLOOR CONSTRUCTION AND SECONDARY MEMBERS 0
ROOF CONSTRUCTION AND SECONDARY MEMBERS 0

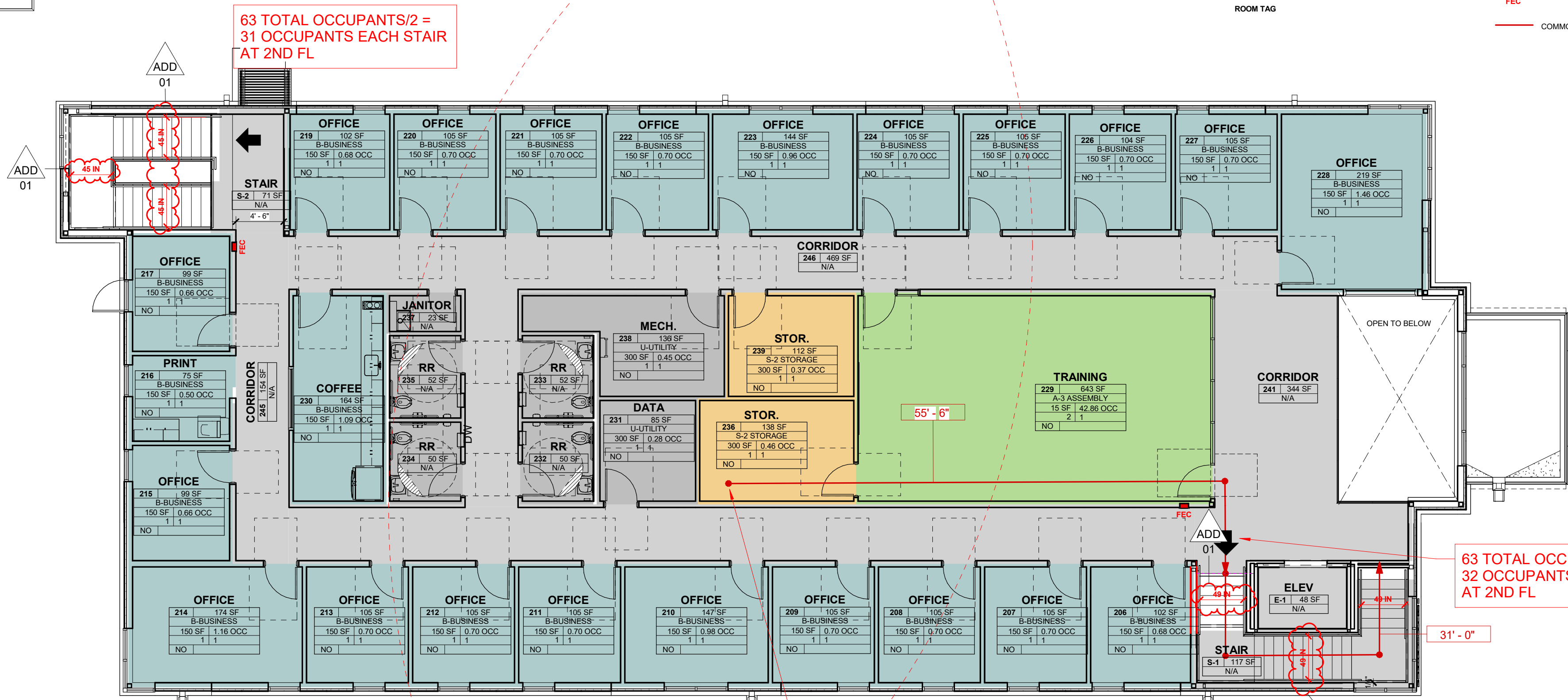
FIRE AND SMOKE PROTECTION FEATURES (CHAPTER 7)
SECTION 708.4.3
FIRE PROTECTION SYSTEMS (CH.9)
AUTOMATIC SPRINKLER SYSTEM TO BE PROVIDED PER SECTION 903.3
EGRESS (CH.10)
SECTION 1004.1 151 OCCUPANTS FOR EGRESS
1005.1.1 STAIR EGRESS WIDTH = 151 X 0.2 = 30.2 IN (44 IN REQUIRED PER 1010.1.2)
1005.1.2 OTHER EGRESS WIDTH = 151 X 0.15 = 22.65 IN (28 IN CLEAR REQUIRED PER 1010.1.1)
A-3 IS ACCESSORY TO OCCUPANCY AND WILL BE TREATED AS B OCCUPANCY
1008.2 THE MINIMUM WIDTH OF THE EXIT CAPACITY SHALL NOT BE LESS THAN 44 INCHES
1008.2.1 NO MORE THAN 50 PERCENT OF THE NUMBER AND MINIMUM WIDTH OR REQUIRED CAPACITY OF INTERIOR EXIT STAIRWAYS IS PERMITTED TO EGRESS THROUGH AREAS ON THE LEVEL OF DISCHARGE
1011.2.1 ENCLOSURES UNDER INTERIOR STAIRWAYS SHALL BE 1-HR RATED AT WALLS AND DOORS

CODE PLAN - WALL TYPES

CODE PLAN WALL TYPE NOTES
VALUES LISTED BELOW BASED ON TABLE 716 (2) OF THE 2024 IBC
REFER TO FLOOR PLAN FOR SPECIFIC WALL TYPE DESIGNATIONS
REFER TO SHEET ADD FOR WALL TYPES AND U.L. DESIGN INFORMATION
RATED WALLS SHALL TERMINATE AT STRUCTURAL DECK WITH RATED HEAD-OF-WALL ASSEMBLY
1-F/BSB 1-HR FIRE & SMOKE BARRIER
DOORS/FRAMES = 20-MINUTE RATED DOOR/FRAME ASSEMBLIES
DOOR LITES = 20-MINUTE RATED GLASS (FGC 20 MIN)
SIDELITES = 45-MINUTE RATED GLASS (FGC 45 MIN)

CODE SHEET SYMBOLS

EXIT
K KEY LOCK BOX LOCATION
72" AFF. VERIFY HEIGHT AND LOCATION WITH AHI
FEC FIRE EXTINGUISHER CABINET
COMMON PATH OF TRAVEL TO EXIT



2 LEVEL 2 - CODE PLAN
SCALE: 1/8" = 1'-0"

CALCULATED OCCUPANCY LOAD TOTALS

ROOM NAME	ROOM #	OCCUPANCY	AREA	OCCUPANCY/LOAD FACTOR	CALCULATED OCCUPANCY LOAD
LOBBY	101	A-3 ASSEMBLY	376 SF	15	25.09
OFFICE	106	B-BUSINESS	102 SF	150	0.68
OFFICE	107	B-BUSINESS	105 SF	150	0.70
OFFICE	108	B-BUSINESS	105 SF	150	0.70
OFFICE	109	B-BUSINESS	105 SF	150	0.70
OFFICE	110	B-BUSINESS	144 SF	150	0.96
OFFICE	111	B-BUSINESS	105 SF	150	0.70
OFFICE	112	B-BUSINESS	105 SF	150	0.70
OFFICE	113	B-BUSINESS	105 SF	150	0.70
OFFICE	114	B-BUSINESS	170 SF	150	1.13
OFFICE	115	B-BUSINESS	140 SF	150	0.93
OFFICE	116	B-BUSINESS	102 SF	150	0.68
OFFICE	120	B-BUSINESS	105 SF	150	0.70
OFFICE	121	B-BUSINESS	105 SF	150	0.70
OFFICE	122	B-BUSINESS	105 SF	150	0.70
OFFICE	123	B-BUSINESS	144 SF	150	0.96
OFFICE	124	B-BUSINESS	105 SF	150	0.70
OFFICE	125	B-BUSINESS	105 SF	150	0.70
OFFICE	126	B-BUSINESS	104 SF	150	0.70
OFFICE	127	B-BUSINESS	105 SF	150	0.70
RECEPTION	128	B-BUSINESS	313 SF	150	2.08
PRINT/MAIL	129	B-BUSINESS	140 SF	150	0.93
INTAKE	130	B-BUSINESS	72 SF	150	0.48
INTAKE	131	B-BUSINESS	72 SF	150	0.48
CONF	132	A-3 ASSEMBLY	232 SF	15	15.48
BREAKROOM	133	A-3 ASSEMBLY	427 SF	15	28.49
GUN ROOM	134	S-2 STORAGE	116 SF	300	0.39
INTAKE	138	B-BUSINESS	72 SF	150	0.48
INTAKE	139	B-BUSINESS	72 SF	150	0.48
ELEV RM	144	B-BUSINESS	27 SF	150	0.18

CALCULATED OCCUPANCY LOAD TOTALS

ROOM NAME	ROOM #	OCCUPANCY	AREA	OCCUPANCY/LOAD FACTOR	CALCULATED OCCUPANCY LOAD
OFFICE	206	B-BUSINESS	102 SF	150	0.68
OFFICE	207	B-BUSINESS	105 SF	150	0.70
OFFICE	208	B-BUSINESS	105 SF	150	0.70
OFFICE	209	B-BUSINESS	105 SF	150	0.70
OFFICE	210	B-BUSINESS	147 SF	150	0.98
OFFICE	211	B-BUSINESS	105 SF	150	0.70
OFFICE	212	B-BUSINESS	105 SF	150	0.70
OFFICE	213	B-BUSINESS	105 SF	150	0.70
OFFICE	214	B-BUSINESS	174 SF	150	1.16
OFFICE	215	B-BUSINESS	99 SF	150	0.66
PRINT	216	B-BUSINESS	75 SF	150	0.50
OFFICE	217	B-BUSINESS	99 SF	150	0.66
OFFICE	218	B-BUSINESS	102 SF	150	0.68
OFFICE	220	B-BUSINESS	105 SF	150	0.70
OFFICE	221	B-BUSINESS	105 SF	150	0.70
OFFICE	222	B-BUSINESS	105 SF	150	0.70
OFFICE	223	B-BUSINESS	144 SF	150	0.96
OFFICE	224	B-BUSINESS	105 SF	150	0.70
OFFICE	225	B-BUSINESS	105 SF	150	0.70
OFFICE	226	B-BUSINESS	104 SF	150	0.70
OFFICE	227	B-BUSINESS	105 SF	150	0.70
OFFICE	228	B-BUSINESS	219 SF	150	1.46
TRAINING	229	A-3 ASSEMBLY	643 SF	15	42.86
COFFEE	230	B-BUSINESS	164 SF	150	1.09
STOR.	236	S-2 STORAGE	138 SF	300	0.46
STOR.	239	S-2 STORAGE	307 SF	300	1.02



1 LEVEL 1 - CODE PLAN
SCALE: 1/8" = 1'-0"

PLUMBING FIXTURE REQUIREMENTS (IBC CHAPTER 29 / IPC CHAPTER 4)											
OCCUPANT TYPE AND LOAD		MALE WATER CLOSETS		FEMALE WATER CLOSETS		MALE LAVATORIES		FEMALE LAVATORIES		DRINKING FOUNTAINS	
B-BUSINESS OCCUPANCY		RATIO	REQUIRED	RATIO	REQUIRED	RATIO	REQUIRED	RATIO	REQUIRED	RATIO	REQUIRED
TOTAL OCC	151	1 PER 25 FOR FIRST 50 + 1 PER 50 FOR REMAINDER	3	1 PER 25 FOR FIRST 50 + 1 PER 50 FOR REMAINDER	3	1 PER 40 FOR FIRST 80 + 1 PER 80 FOR REMAINDER	2	1 PER 40 FOR FIRST 80 + 1 PER 80 FOR REMAINDER	2	1 PER 100	1
MALE	76										
FEMALE	76										
PROVIDED TOTALS		8 SINGLE USE RESTROOMS		8 SINGLE USE RESTROOMS		8 SINGLE USE RESTROOMS		8 SINGLE USE RESTROOMS		2	
PROJECT IN COMPLIANCE											

PROJECT IN COMPLIANCE

NET OCCUPANCY TYPES

A-3 ASSEMBLY
B-BUSINESS
CIRCULATION
S-2 STORAGE
UTILITY

IOWA DAS - DOC 4JD CBC NEW CENTRAL OFFICE BUILDING

818 S. 10TH STREET
COUNCIL BLUFFS, IOWA 51501

ISSUANCE

100% CONSTRUCTION DOCUMENTS
04/21/2026

REVISIONS
04/30/2026 ADDENDUM 01

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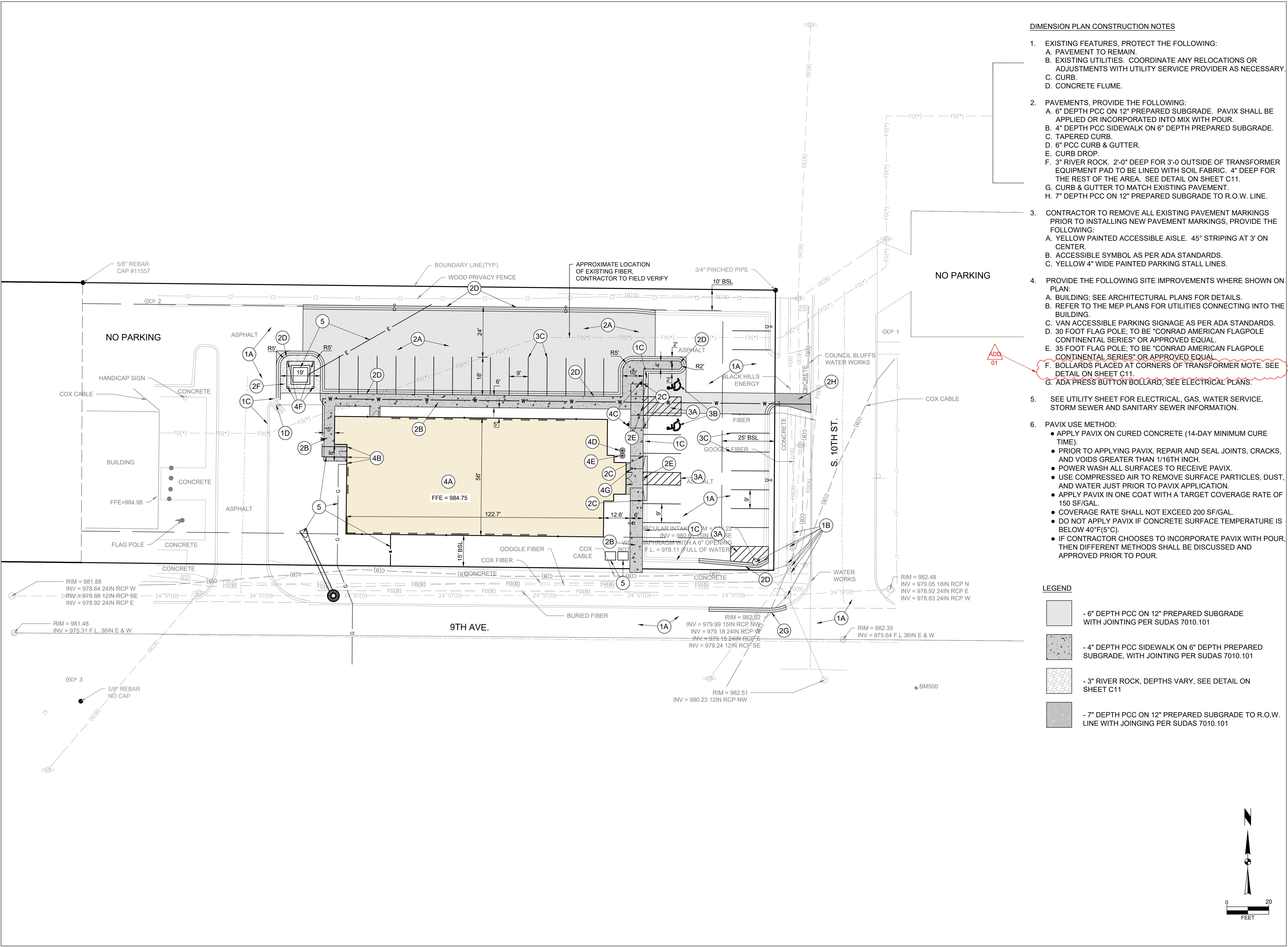
PROJECT NUMBER

25079

CODE PLAN AND REVIEW

G002

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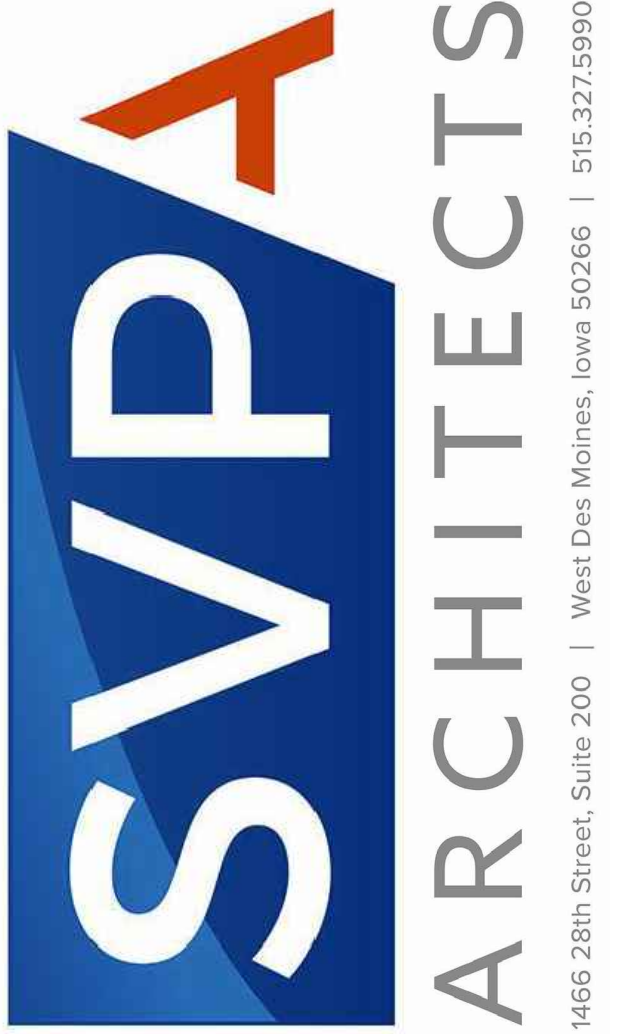


DIMENSION PLAN CONSTRUCTION NOTES

- EXISTING FEATURES, PROTECT THE FOLLOWING:
 - 6" DEPTH PCC ON 12" PREPARED SUBGRADE. PAVIX SHALL BE APPLIED OR INCORPORATED INTO MIX WITH POUR.
 - 4" DEPTH PCC SIDEWALK ON 6" DEPTH PREPARED SUBGRADE.
 - TAPERED CURB.
 - 6" PCC CURB & GUTTER.
 - CURB DROP.
 - 3" RIVER ROCK. 2'-0" DEEP FOR 3'-0" OUTSIDE OF TRANSFORMER EQUIPMENT PAD TO BE LINED WITH SOIL FABRIC. 4" DEEP FOR THE REST OF THE AREA. SEE DETAIL ON SHEET C11.
 - CURB & GUTTER TO MATCH EXISTING PAVEMENT.
 - 7" DEPTH PCC ON 12" PREPARED SUBGRADE TO R.O.W. LINE.
- PAVEMENTS, PROVIDE THE FOLLOWING:
 - 6" DEPTH PCC ON 12" PREPARED SUBGRADE. PAVIX SHALL BE APPLIED OR INCORPORATED INTO MIX WITH POUR.
 - 4" DEPTH PCC SIDEWALK ON 6" DEPTH PREPARED SUBGRADE.
 - TAPERED CURB.
 - 6" PCC CURB & GUTTER.
 - CURB DROP.
 - 3" RIVER ROCK. 2'-0" DEEP FOR 3'-0" OUTSIDE OF TRANSFORMER EQUIPMENT PAD TO BE LINED WITH SOIL FABRIC. 4" DEEP FOR THE REST OF THE AREA. SEE DETAIL ON SHEET C11.
 - CURB & GUTTER TO MATCH EXISTING PAVEMENT.
 - 7" DEPTH PCC ON 12" PREPARED SUBGRADE TO R.O.W. LINE.
- CONTRACTOR TO REMOVE ALL EXISTING PAVEMENT MARKINGS PRIOR TO INSTALLING NEW PAVEMENT MARKINGS, PROVIDE THE FOLLOWING:
 - YELLOW PAINTED ACCESSIBLE AISLE. 45° STRIPING AT 3' ON CENTER.
 - ACCESSIBLE SYMBOL AS PER ADA STANDARDS.
 - YELLOW 4" WIDE PAINTED PARKING STALL LINES.
- PROVIDE THE FOLLOWING SITE IMPROVEMENTS WHERE SHOWN ON PLAN:
 - BUILDING; SEE ARCHITECTURAL PLANS FOR DETAILS.
 - REFER TO THE MEP PLANS FOR UTILITIES CONNECTING INTO THE BUILDING.
 - VAN ACCESSIBLE PARKING SIGNAGE AS PER ADA STANDARDS.
 - 30 FOOT FLAG POLE; TO BE "CONRAD AMERICAN FLAGPOLE CONTINENTAL SERIES" OR APPROVED EQUAL.
 - 35 FOOT FLAG POLE; TO BE "CONRAD AMERICAN FLAGPOLE CONTINENTAL SERIES" OR APPROVED EQUAL.
 - BOLLARDS PLACED AT CORNERS OF TRANSFORMER MOTE. SEE DETAIL ON SHEET C11.
 - ADA PRESS BUTTON BOLLARD, SEE ELECTRICAL PLANS.
- SEE UTILITY SHEET FOR ELECTRICAL, GAS, WATER SERVICE, STORM SEWER AND SANITARY SEWER INFORMATION.
- PAVIX USE METHOD:
 - APPLY PAVIX ON CURED CONCRETE (14-DAY MINIMUM CURE TIME).
 - PRIOR TO APPLYING PAVIX, REPAIR AND SEAL JOINTS, CRACKS, AND VOIDS GREATER THAN 1/16TH INCH.
 - POWER WASH ALL SURFACES TO RECEIVE PAVIX.
 - USE COMPRESSED AIR TO REMOVE SURFACE PARTICLES, DUST, AND WATER JUST PRIOR TO PAVIX APPLICATION.
 - APPLY PAVIX IN ONE COAT WITH A TARGET COVERAGE RATE OF 150 SF/GAL.
 - COVERAGE RATE SHALL NOT EXCEED 200 SF/GAL.
 - DO NOT APPLY PAVIX IF CONCRETE SURFACE TEMPERATURE IS BELOW 40°F (5°C).
 - IF CONTRACTOR CHOOSES TO INCORPORATE PAVIX WITH POUR, THEN DIFFERENT METHODS SHALL BE DISCUSSED AND APPROVED PRIOR TO POUR.

LEGEND

- 6" DEPTH PCC ON 12" PREPARED SUBGRADE WITH JOINTING PER SUDAS 7010.101
- 4" DEPTH PCC SIDEWALK ON 6" DEPTH PREPARED SUBGRADE, WITH JOINTING PER SUDAS 7010.101
- 3" RIVER ROCK, DEPTHS VARY, SEE DETAIL ON SHEET C11
- 7" DEPTH PCC ON 12" PREPARED SUBGRADE TO R.O.W. LINE WITH JOINTING PER SUDAS 7010.101



IOWA DAS - DOC
DJD CBC NEW
CENTRAL OFFICE
BUILDING

818 S. 10TH STREET
COUNCIL BLUFFS, IOWA 51501

ISSUANCE

100% CD DOCUMENTS
04-21-2026

REVISIONS
4/30/2026 ADDENDUM 01

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PROJECT NUMBER

125.1329.10

DIMENSION &
LAYOUT PLAN

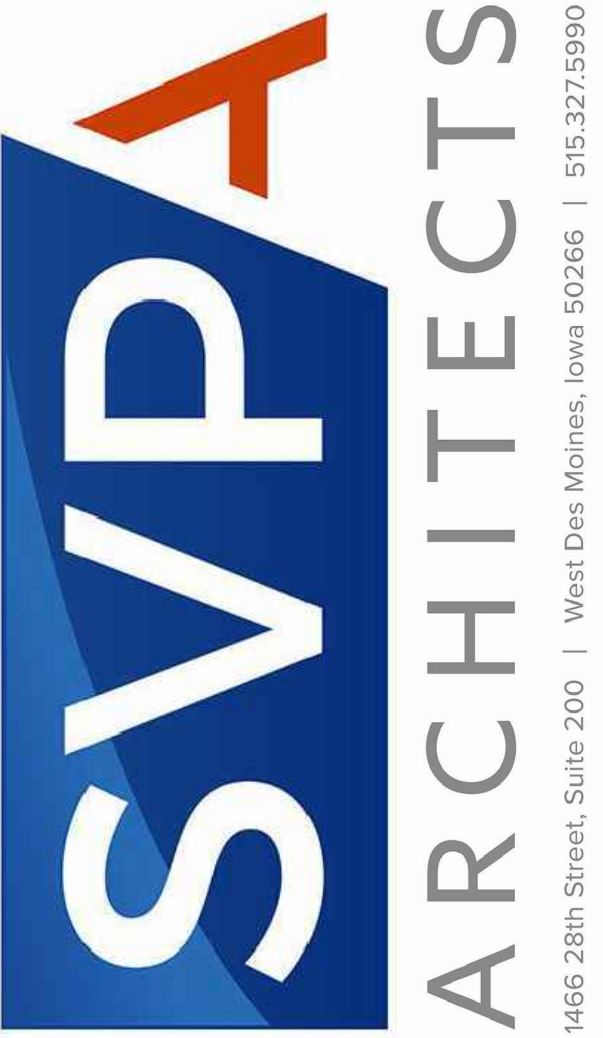
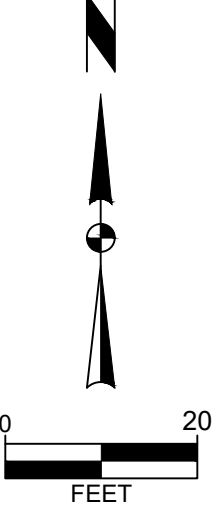
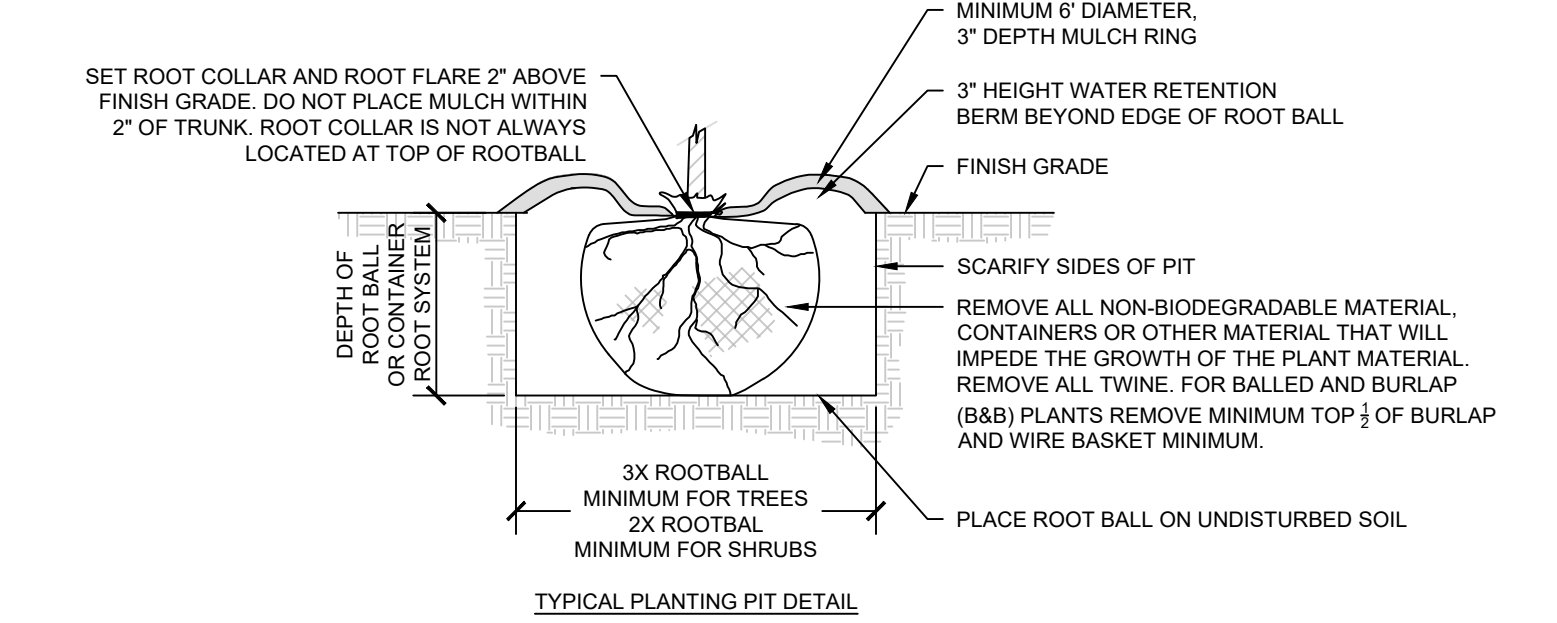
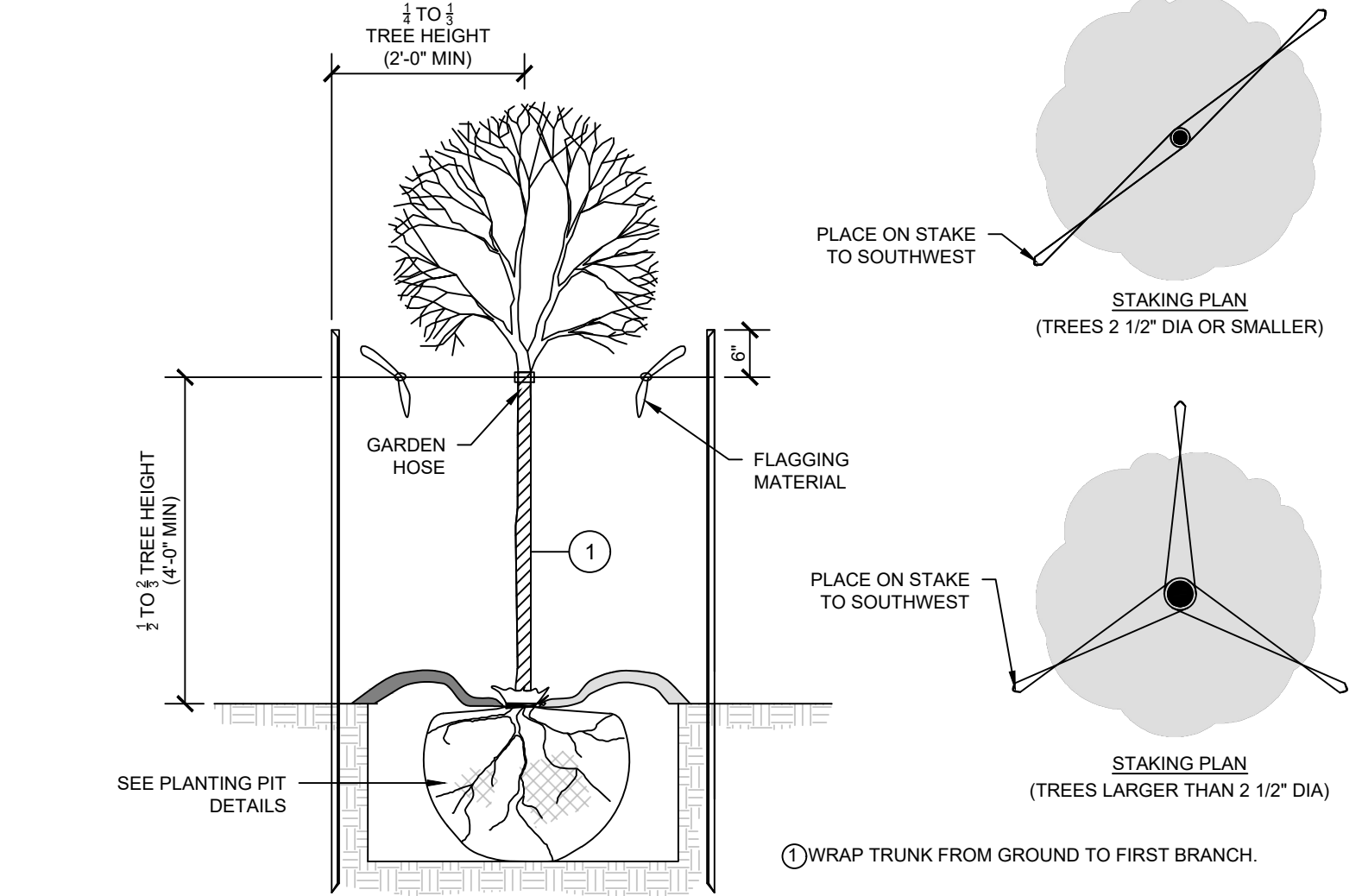
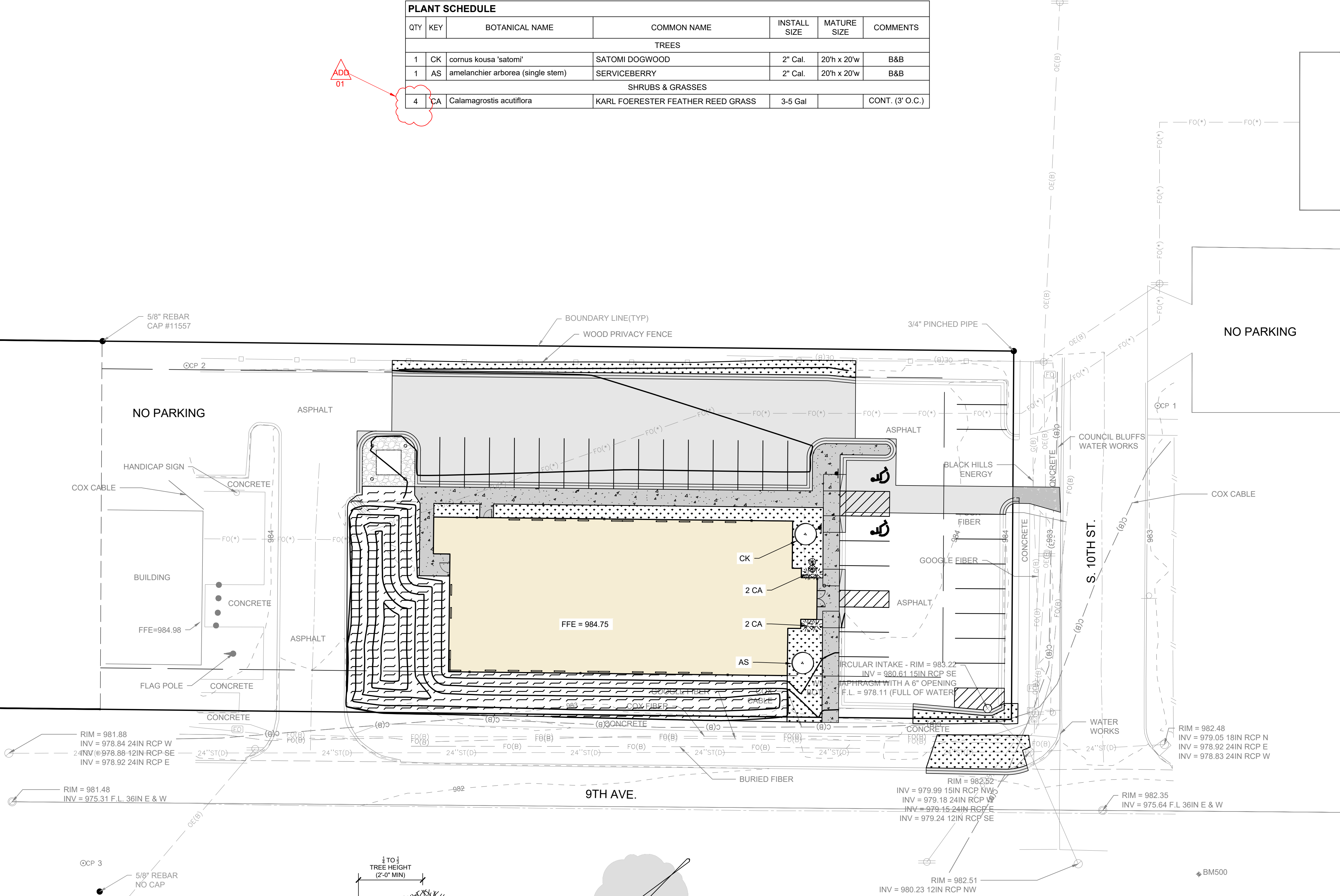
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PLANT SCHEDULE						
QTY	KEY	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	MATURE SIZE	COMMENTS
TREES						
1	CK	cornus kousa 'satomi'	SATOMI DOGWOOD	2" Cal.	20'h x 20'w	B&B
1	AS	amelanchier arborea (single stem)	SERVICEBERRY	2" Cal.	20'h x 20'w	B&B
SHRUBS & GRASSES						
4	CA	Calamagrostis acutiflora	KARL FOERESTER FEATHER REED GRASS	3-5 Gal		CONT. (3' O.C.)

- PLANTING PLAN NOTES
- ALL PLANT MATERIAL SHALL AT LEAST MEET MINIMUM REQUIREMENTS SHOWN IN THE "AMERICAN STANDARDS FOR NURSERY STOCK" (ANSI Z60.1 - LATEST EDITION).
 - CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR FROM DATE OF INSTALLATION.
 - PROVIDE 3-INCH DEPTH SHREDDED HARDWOOD MULCH AROUND ALL PLANTINGS TO A MIN. 3-FOOT PERIMETER, AND IN ALL AREAS INDICATED ON PLAN.
 - CONTRACTOR TO SEED ALL AREAS DISTURBED BY CONSTRUCTION WITH SUDAS TYPE-1 PERMANENT LAWN SEED MIX OR SUDAS WETLAND SEED MIX WHERE SHOWN. ALL SUDAS SEEDING GUIDANCE SHALL BE FOLLOWED.
 - CONTRACTOR TO WATER NEW SEED AND PLANTINGS TO ENSURE ESTABLISHMENT FOR A PERIOD OF 3 MONTHS OR 80% FILL.

- LEGEND
- SEEDING - SUDAS TYPE 1 SEED MIX
 - SEEDING - SUDAS WETLAND MIX



IOWA DAS - DOC
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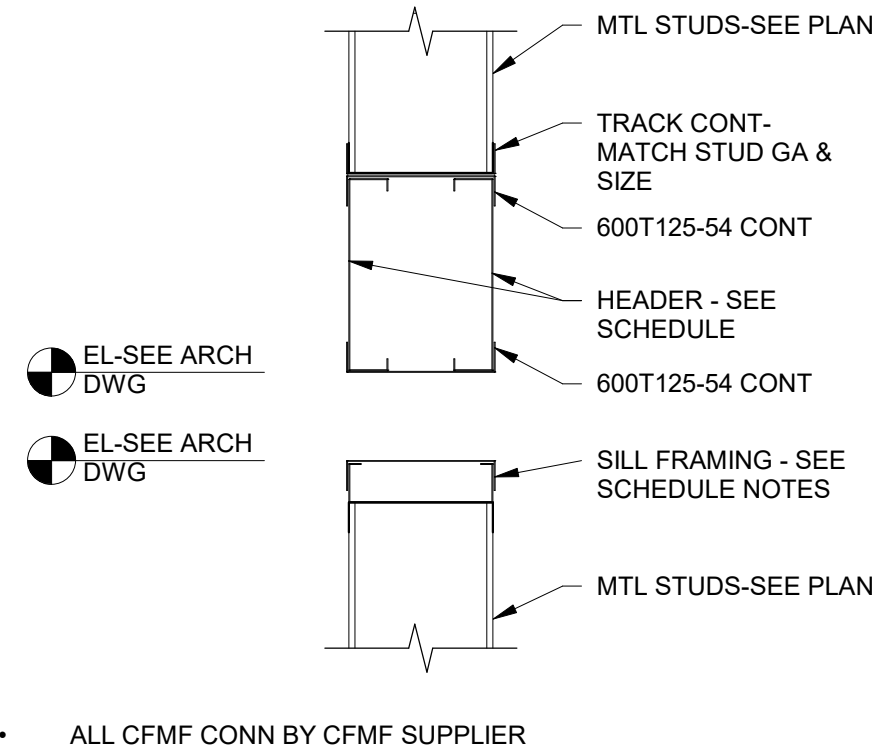
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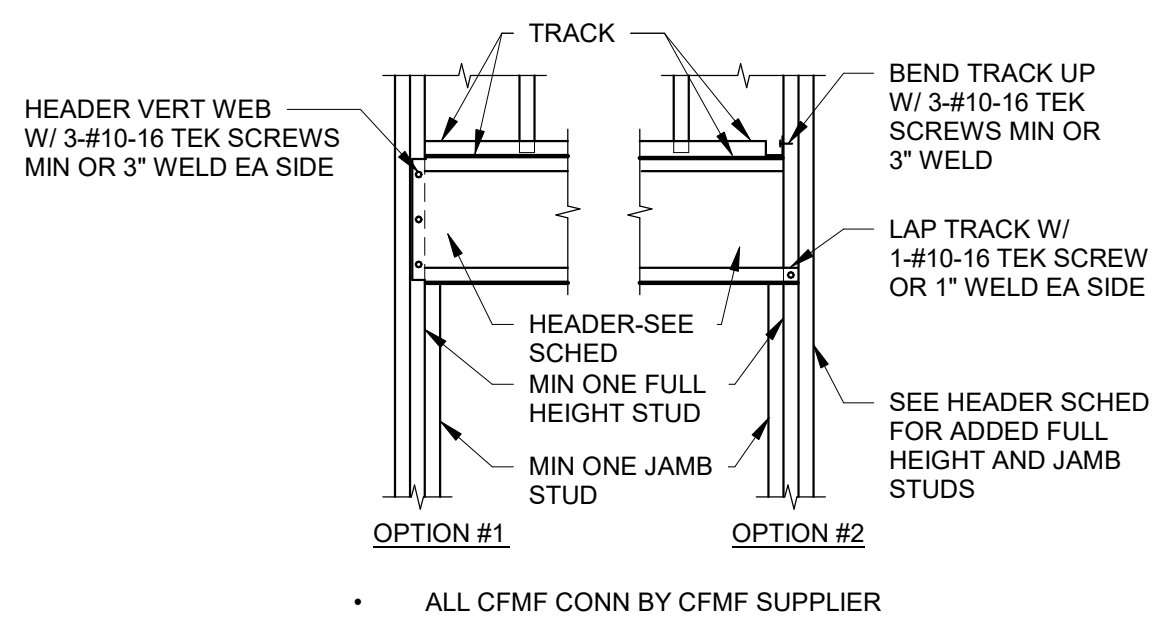
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LANDSCAPING PLAN

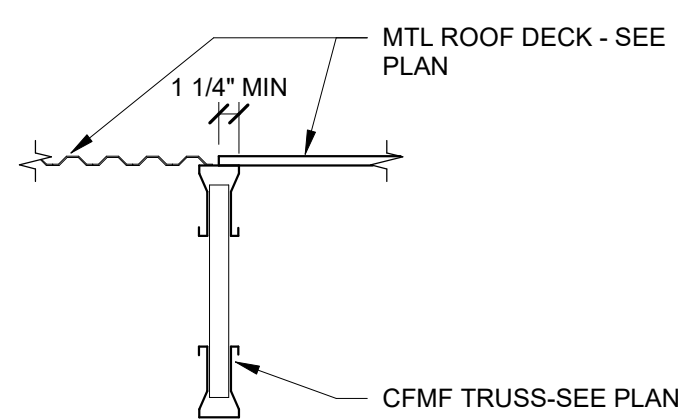
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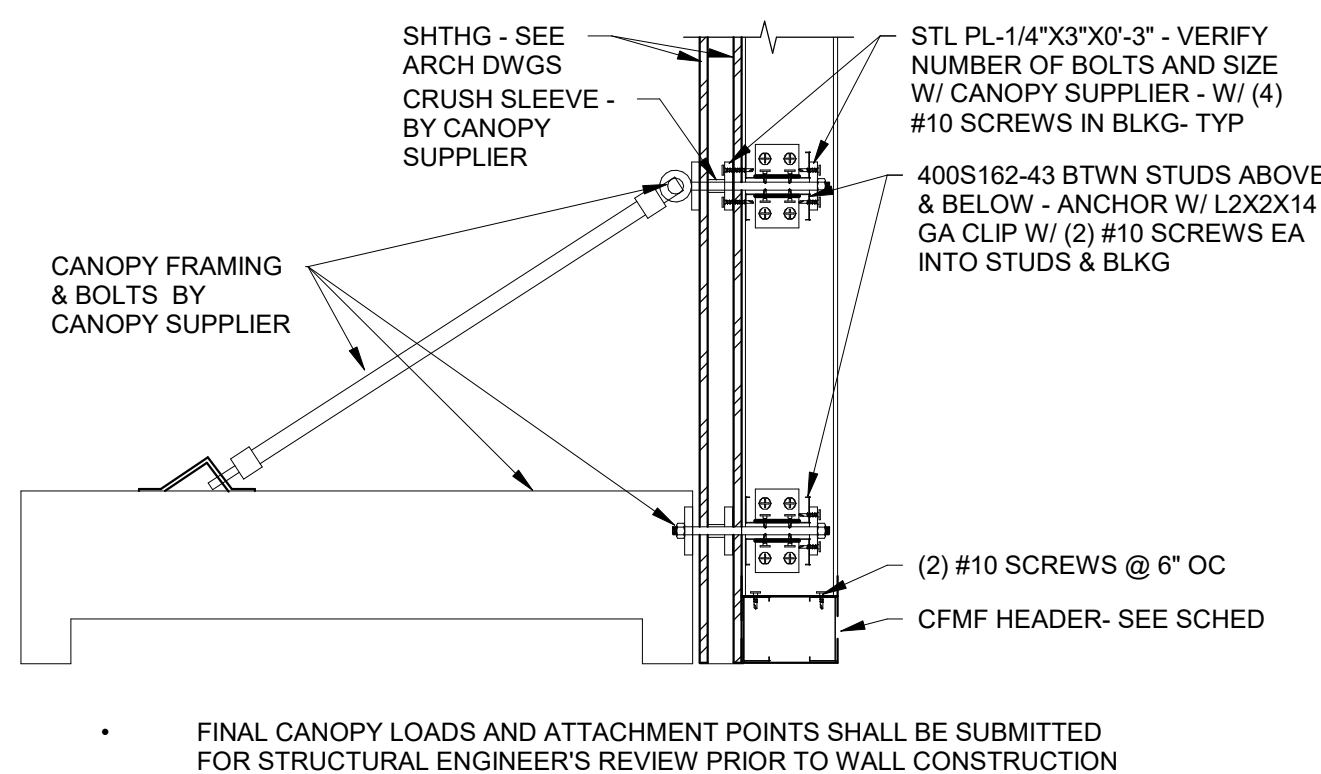
D2 TYP LT GA HEAD & SILL
1 1/2" = 1'-0"



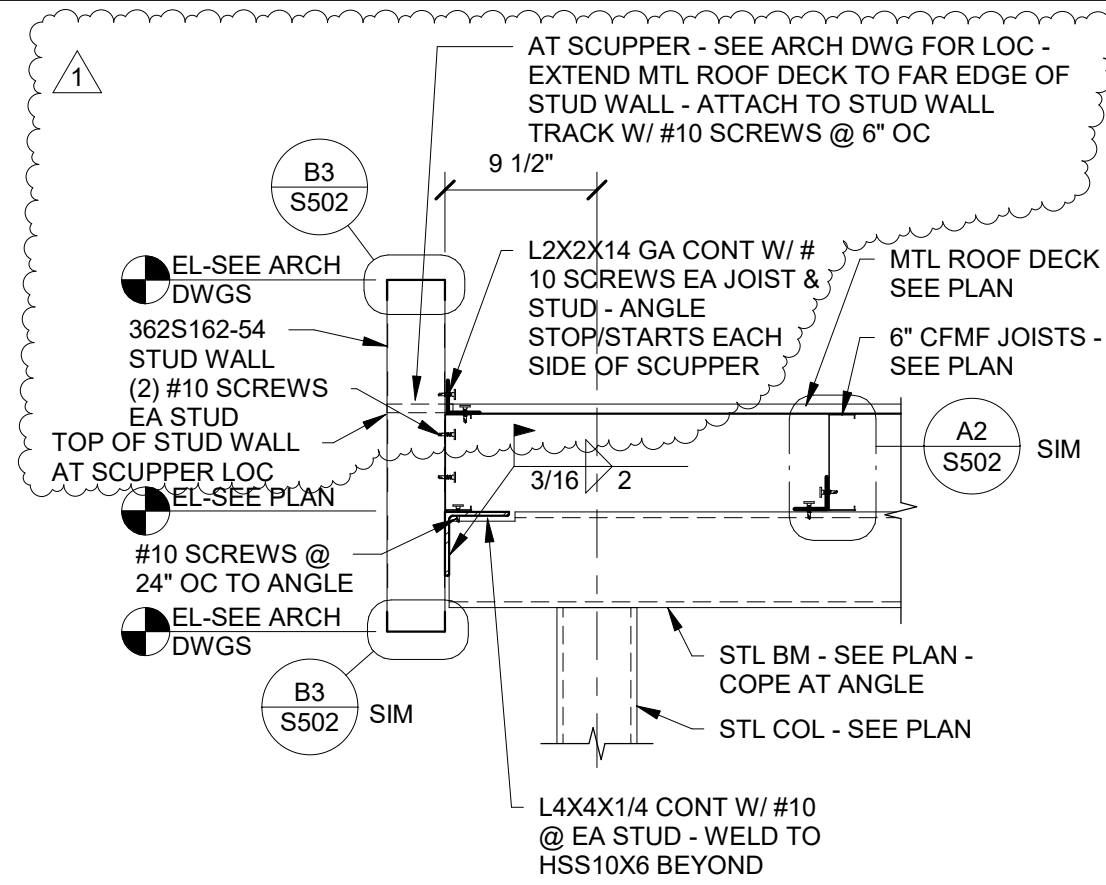
C2 TYP HEADER ELEVATION
3/4" = 1'-0"



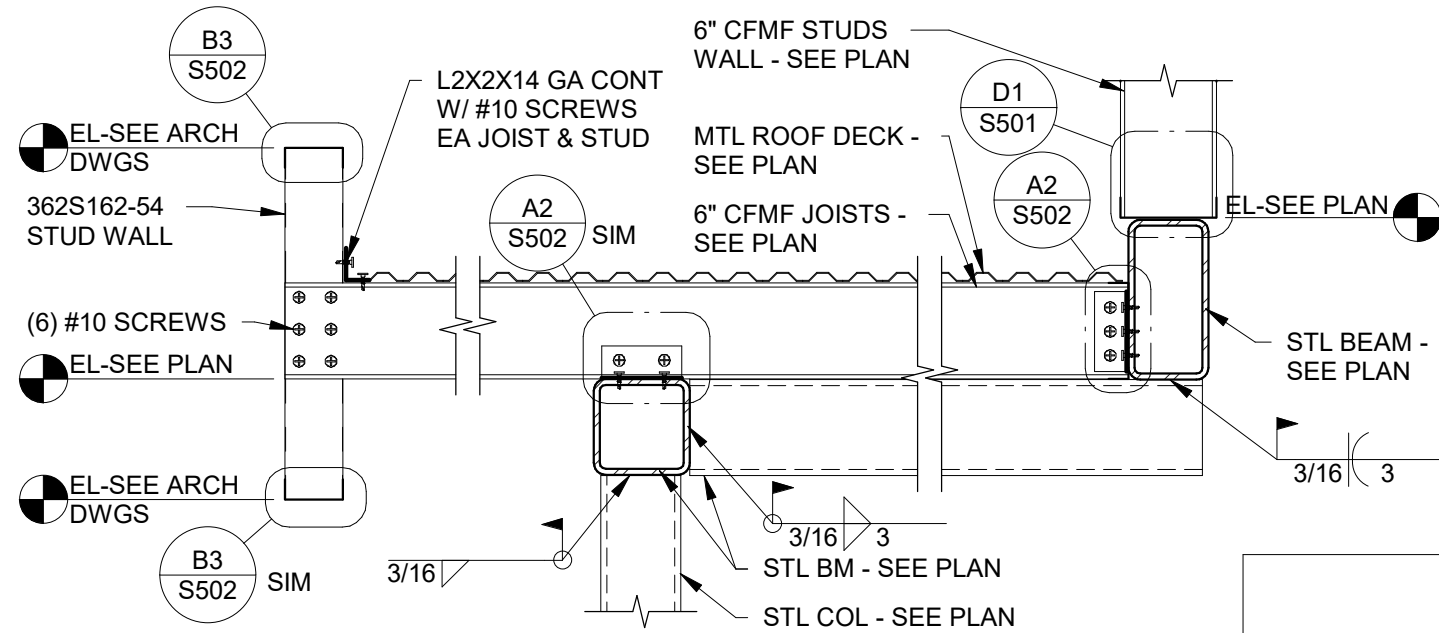
B2 DECK DIRECTION CHANGE
1" = 1'-0"



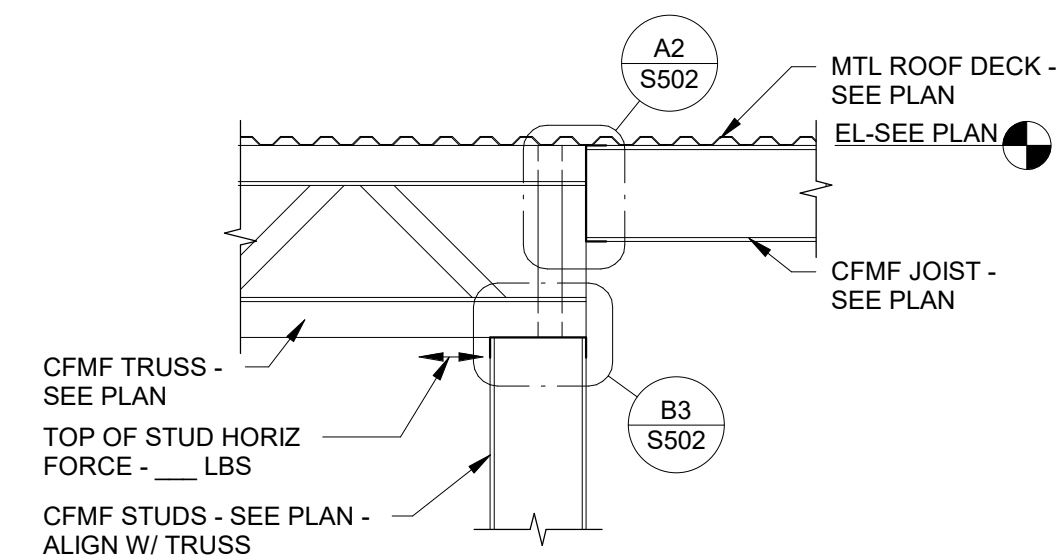
A2 CANOPY FRAMING
1" = 1'-0"



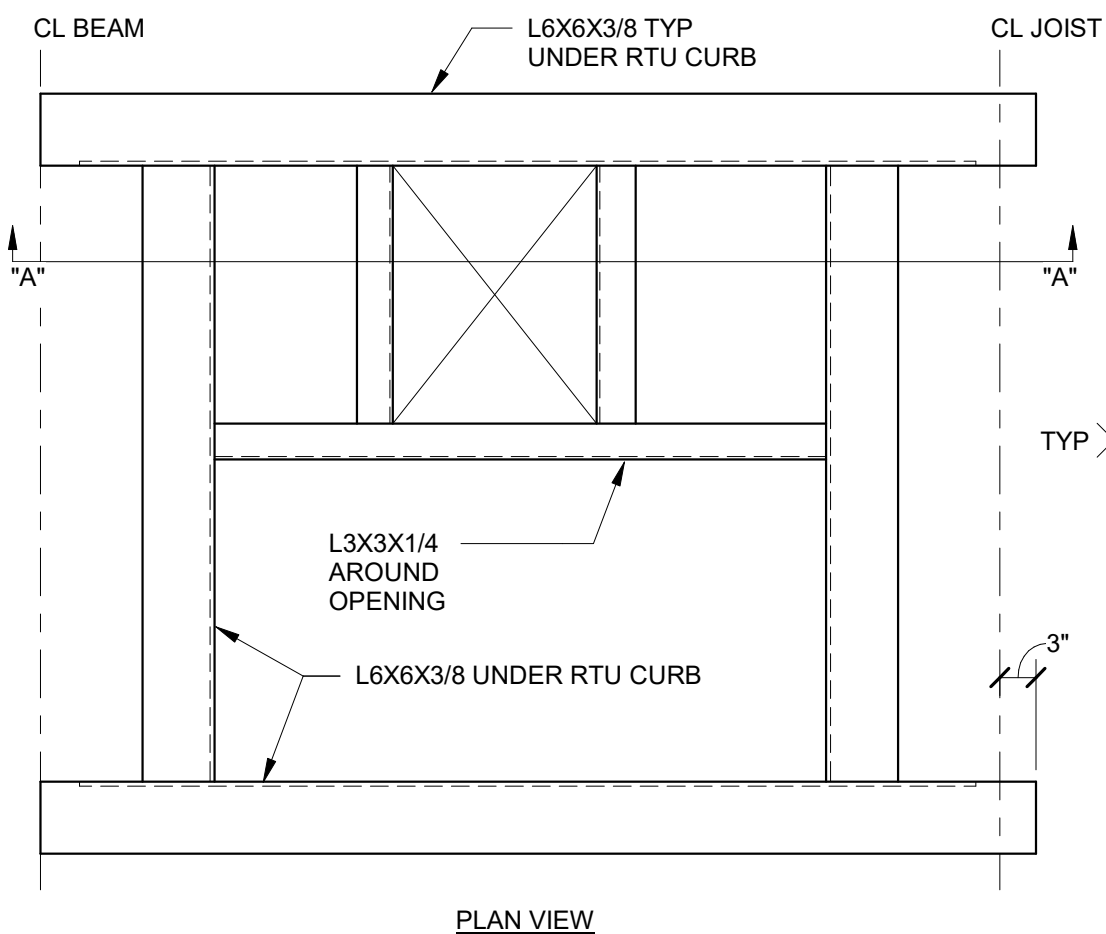
D3 ENTRANCE FRAMING
1" = 1'-0"



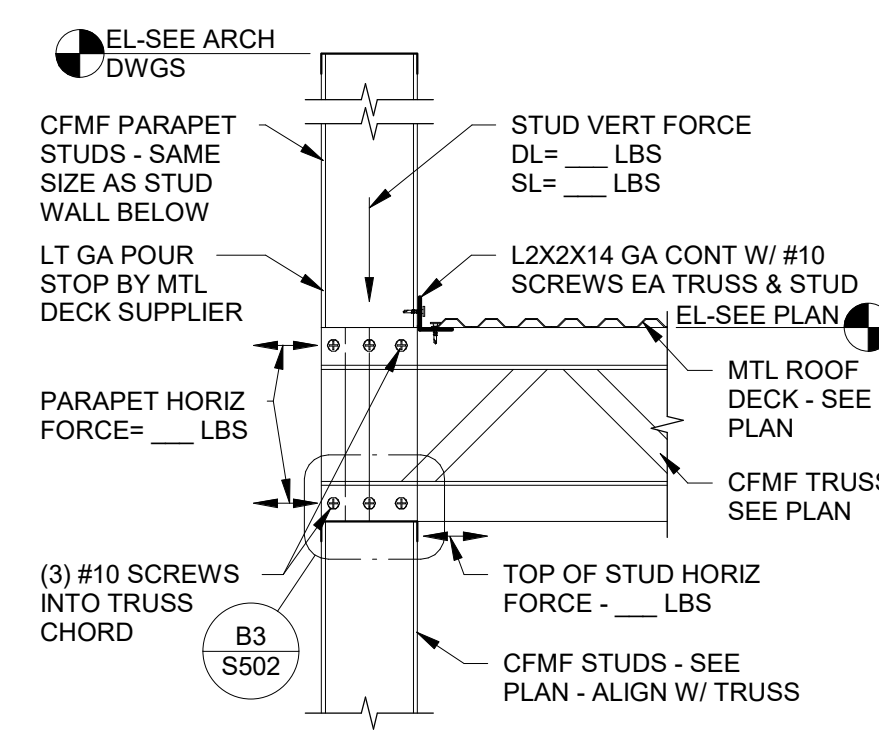
C3 ENTRANCE FRAMING
1" = 1'-0"



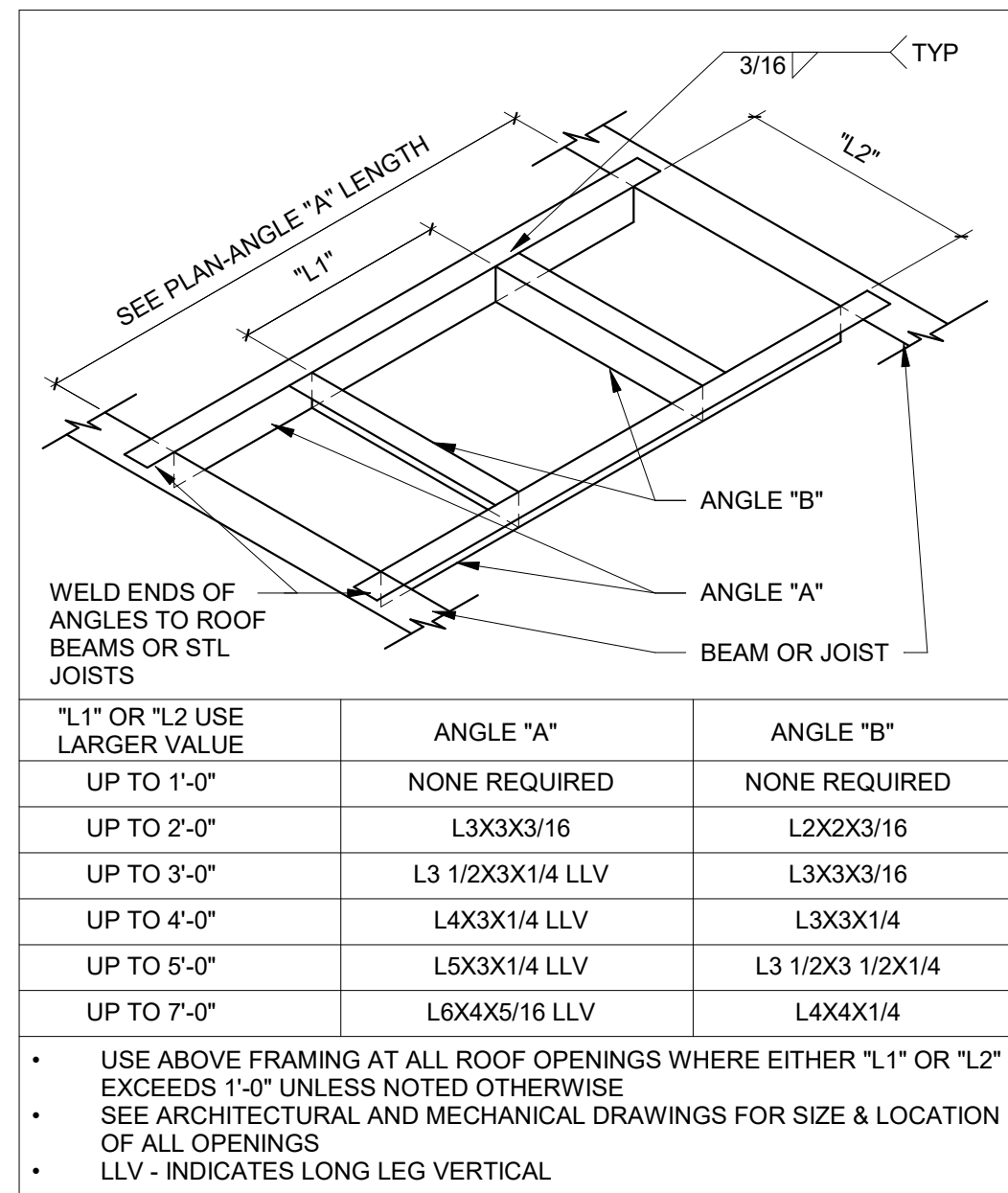
B3 INT STUD AT ROOF
1" = 1'-0"



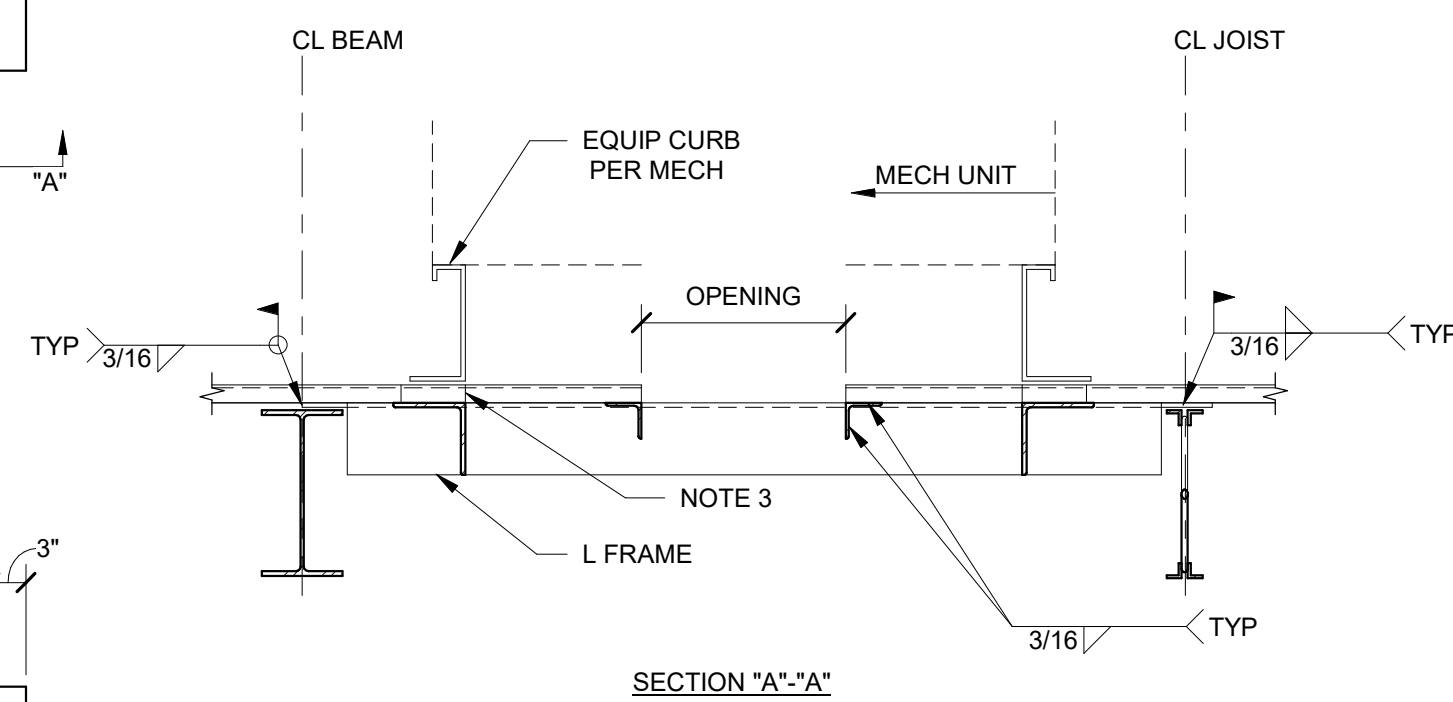
A3 TYP ROOF TOP UNIT CURB SUPPORT
3/4" = 1'-0"



D4 EXT STUD AT ROOF
1" = 1'-0"

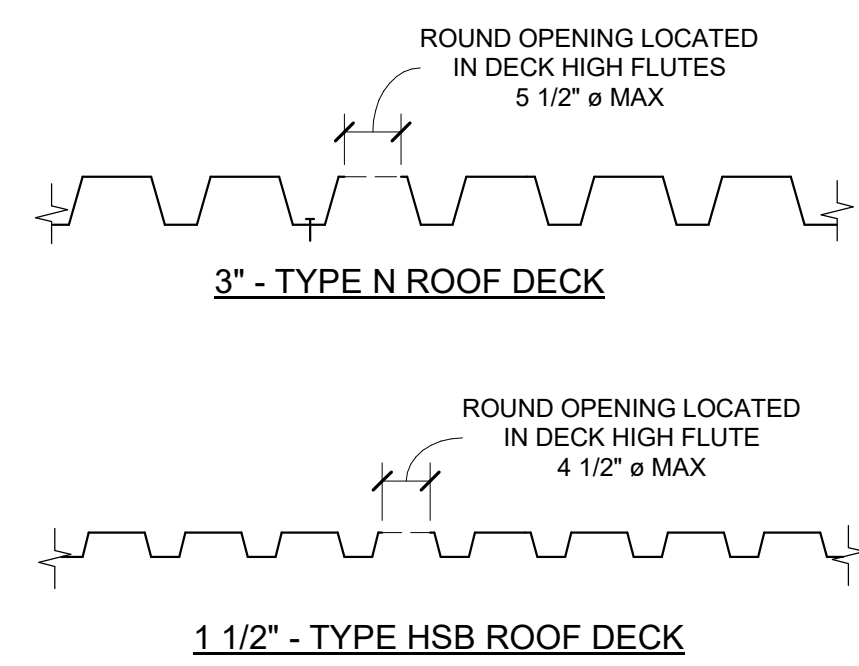


B4 TYP FRAMING AROUND ROOF OPNGS
SCHEMATIC

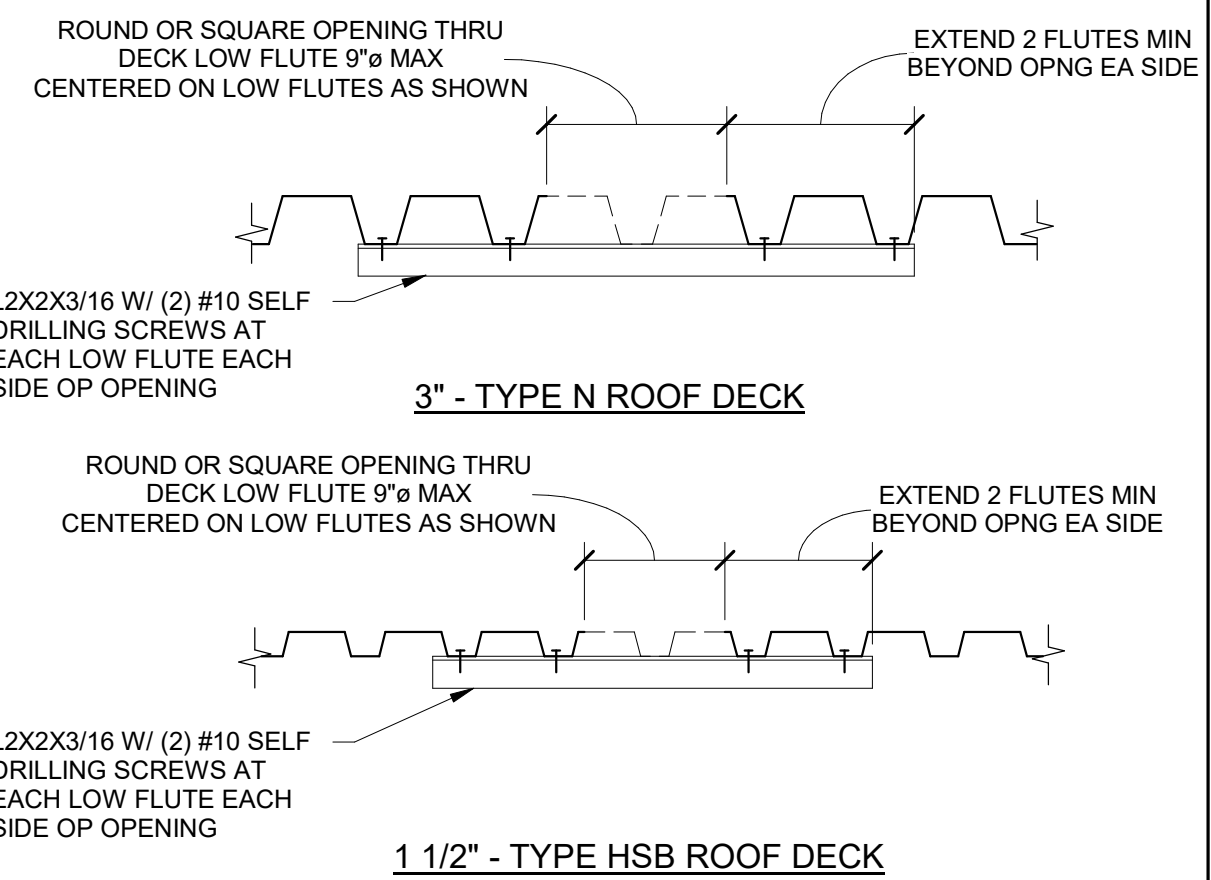


- COORDINATE SIZE & LOCATION OF OPENINGS W/ ARCHITECTURAL & MECHANICAL DRAWINGS.
- PROVIDE FRAME FOR ALL OPENINGS OVER 12".
- PROVIDE BLOCKING BETWEEN DECK RIBS.
- LOCATE CURB OVER VERTICAL LEG OF L6x6.

OPENINGS WITHOUT REINF:

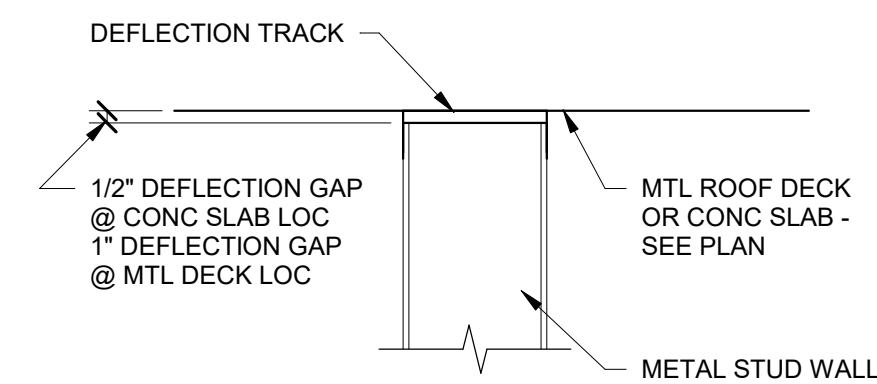


REINFORCED OPENINGS:

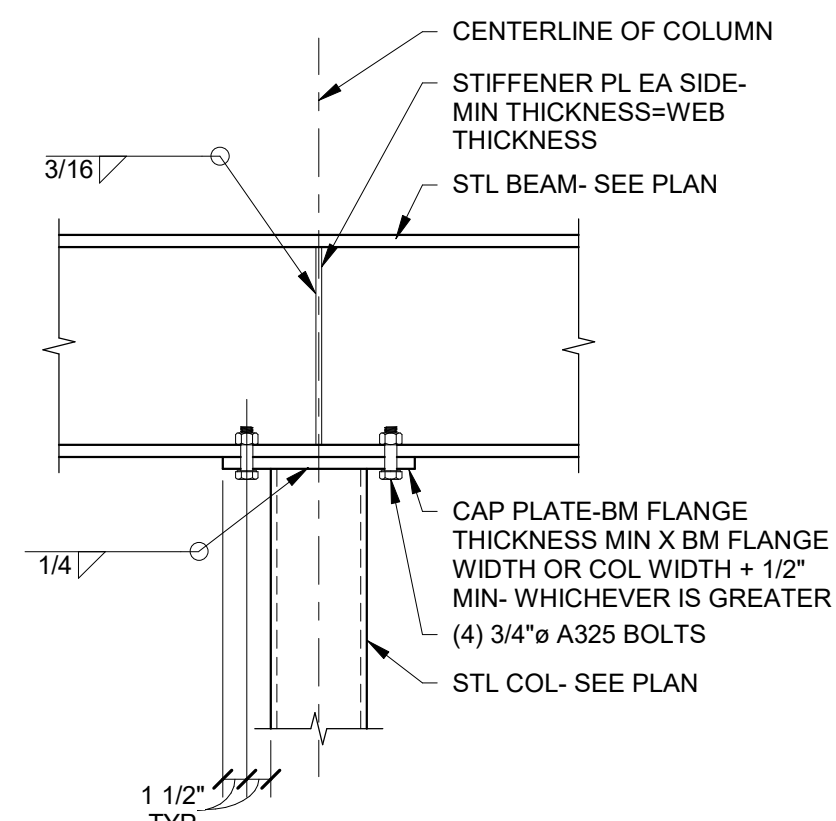


NOTE:
SEE B4/ S503 FOR SUBFRAMING AT OPENINGS LARGER THAN THOSE SHOWN OR OPENINGS THROUGH MORE THAN 1 DECK LOW FLUTE

C5 TYP ROOF DECK REINF AT HOLES
1" = 1'-0"



B5 STUD PARTITION WALL @ SLAB
1 1/2" = 1'-0"



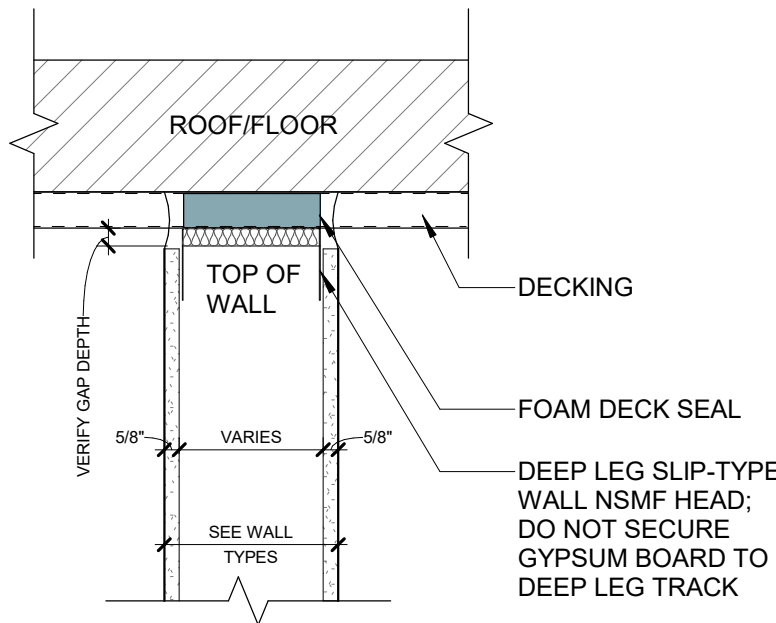
A5 BEAM BRG @ COLUMN
1" = 1'-0"

- WALL TYPE NOTES:**
- ALL INTERIOR WALLS SHALL RUN TO, AND SEAL TO, STRUCTURAL DECKING, UNO.
 - INSTALL ACOUSTICAL SEALANT AT THE BASE AND HEAD OF ALL INTERIOR AND EXTERIOR WALLS, UNLESS NOTED OTHERWISE.
 - ALL INTERIOR WALLS TO BE TYPE **I.1A** UNO.
 - ALL INTERIOR METAL STUD WALLS TO HAVE ACOUSTICAL BATT INSULATION TO THE FULL DEPTH OF THE CAVITY AND EXTEND THE FULL HEIGHT OF THE WALL.

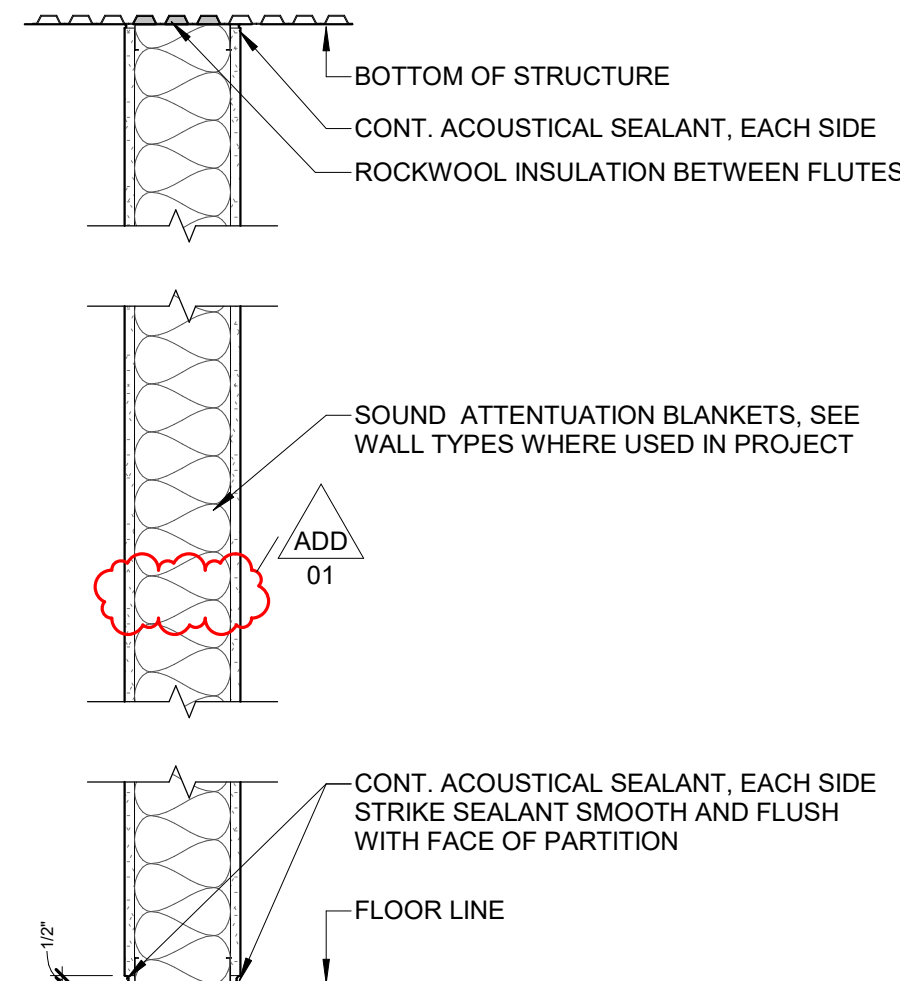
WALL TAG LEGEND

WALL TYPE APPLICATION
E - EXTERIOR
I - INTERIOR
F - FIRE/SMOKE RATED ASSEMBLY
WALL TYPE

X.#X



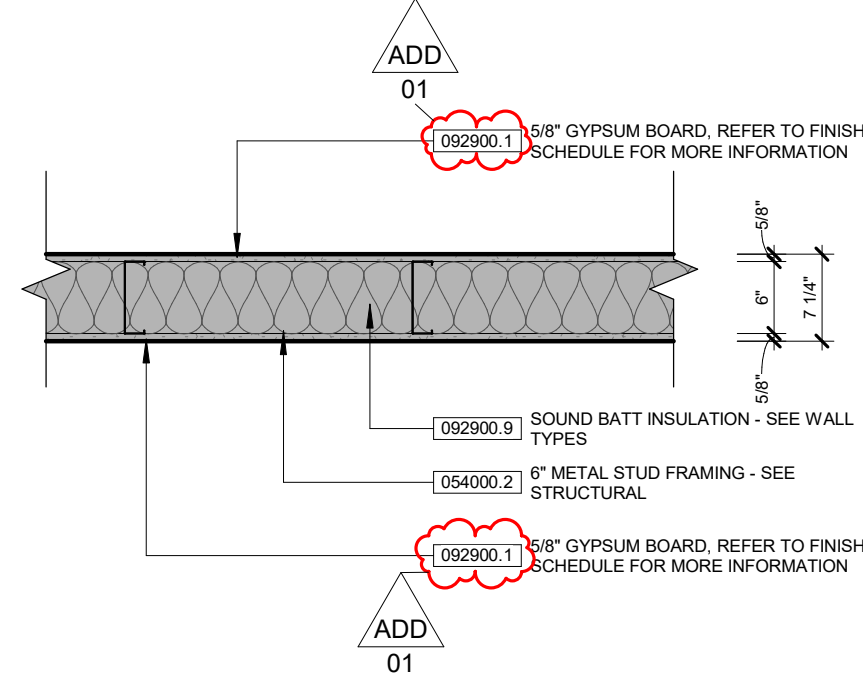
TYPICAL T.O.W. AT
NON-BEARING STUDS



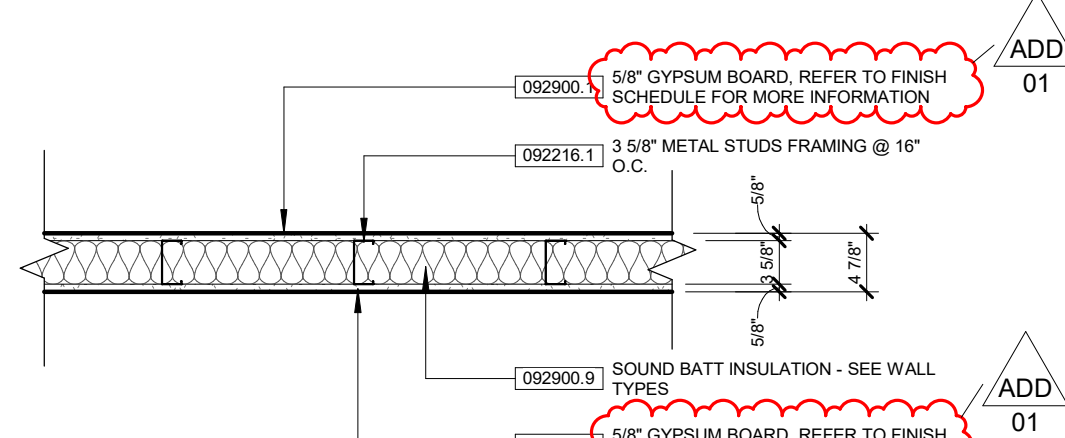
TYPICAL INTERIOR PARTITION

F.1As

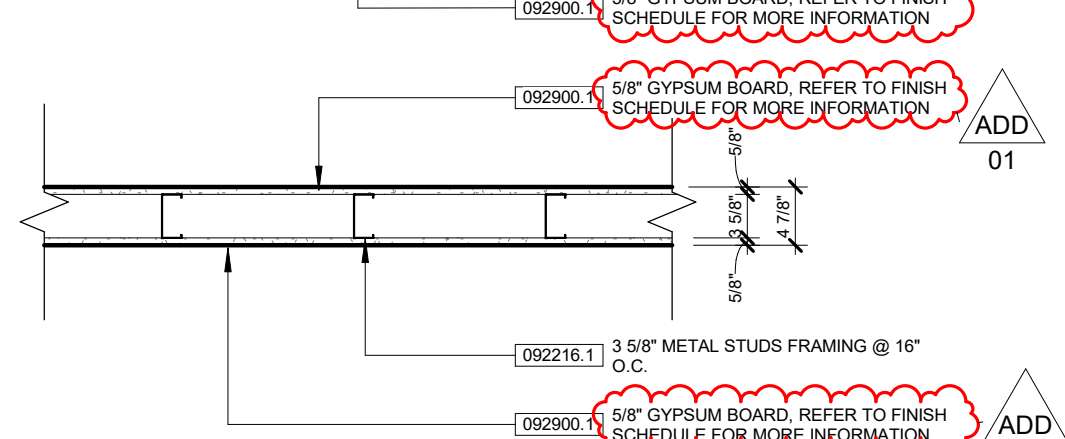
STRUCTURAL WALL
1-HR FIRE RATING
UL U419



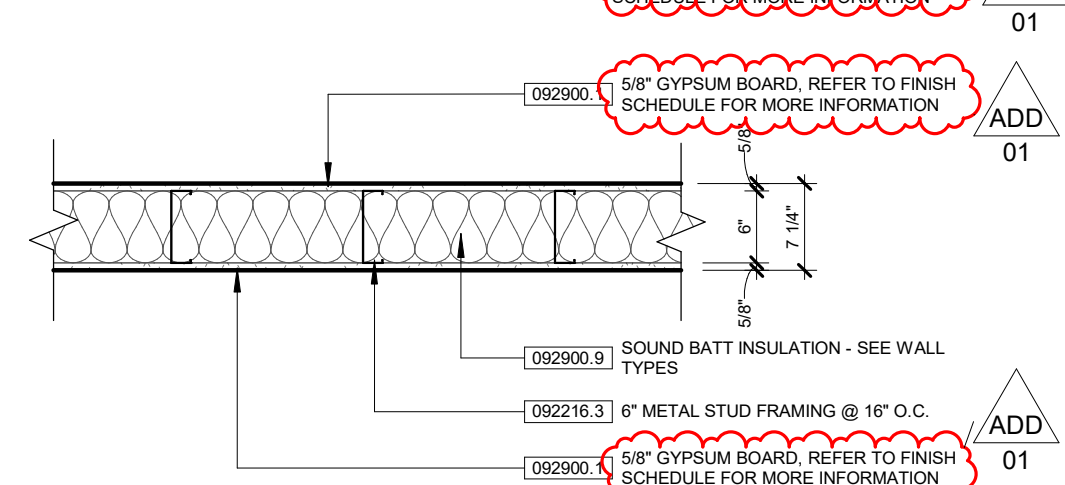
I.1A



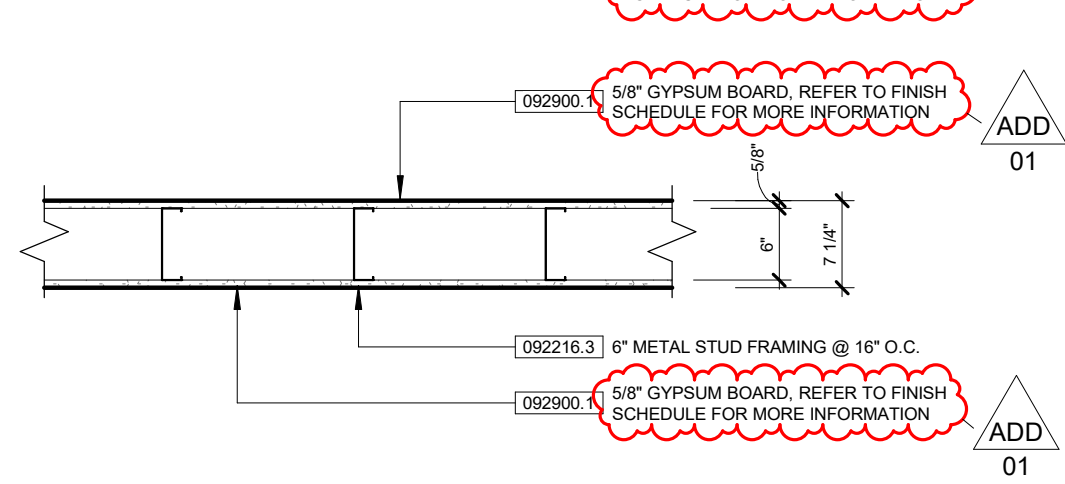
I.1B



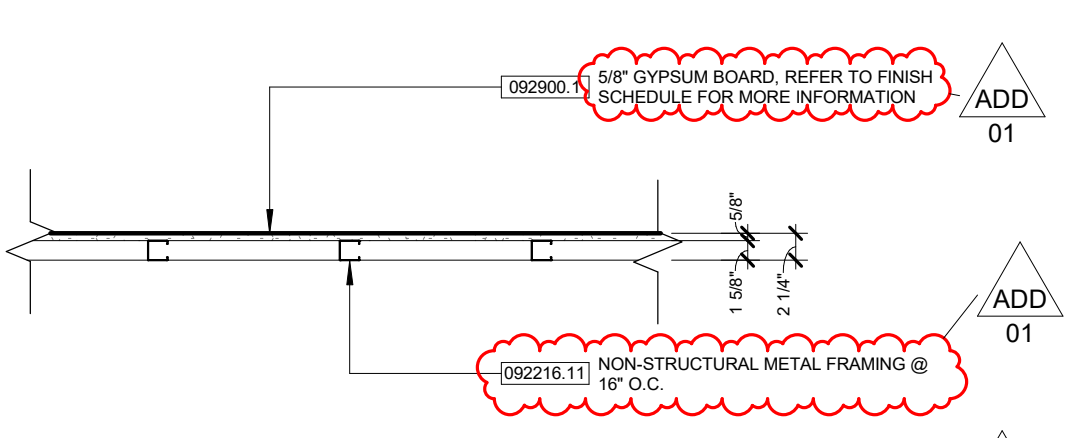
I.1C



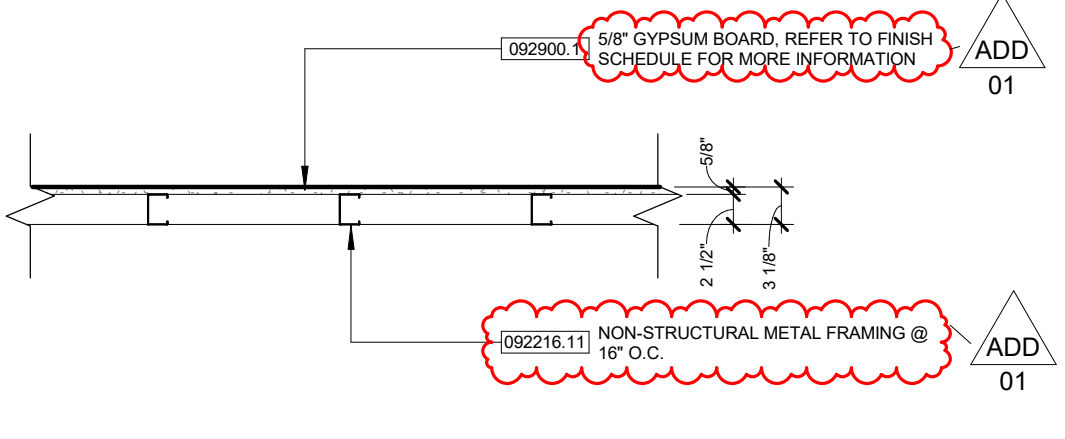
I.1D



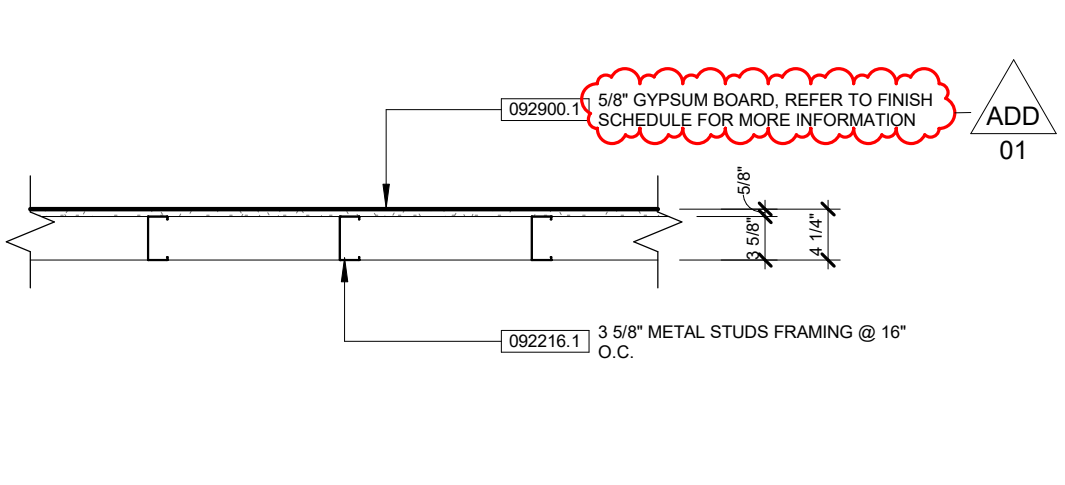
I.1E



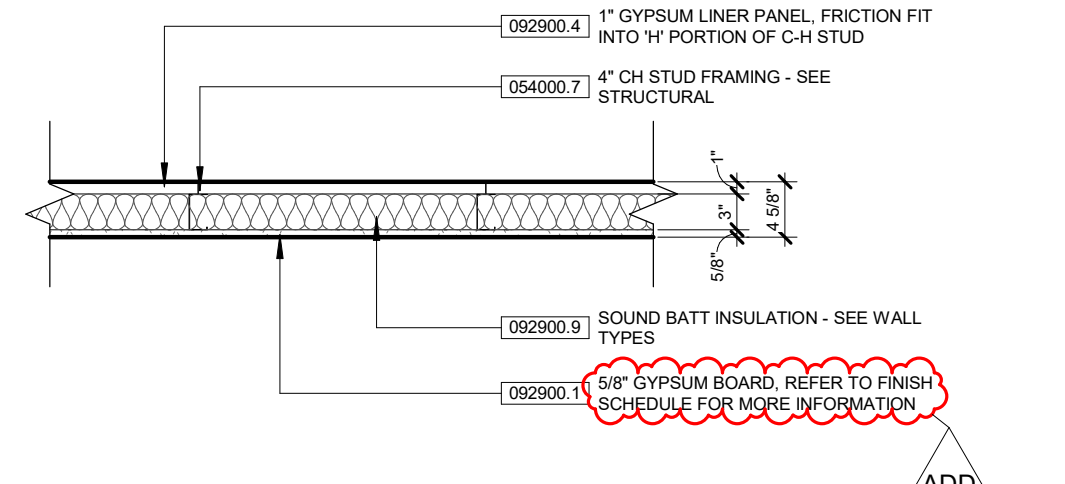
I.1F



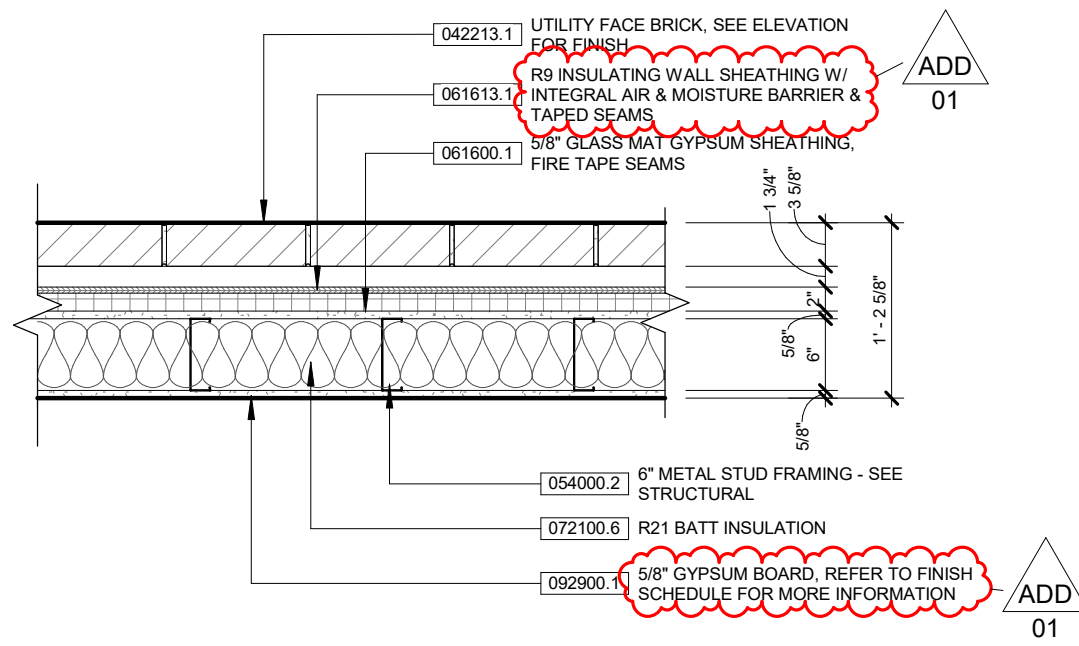
I.1G



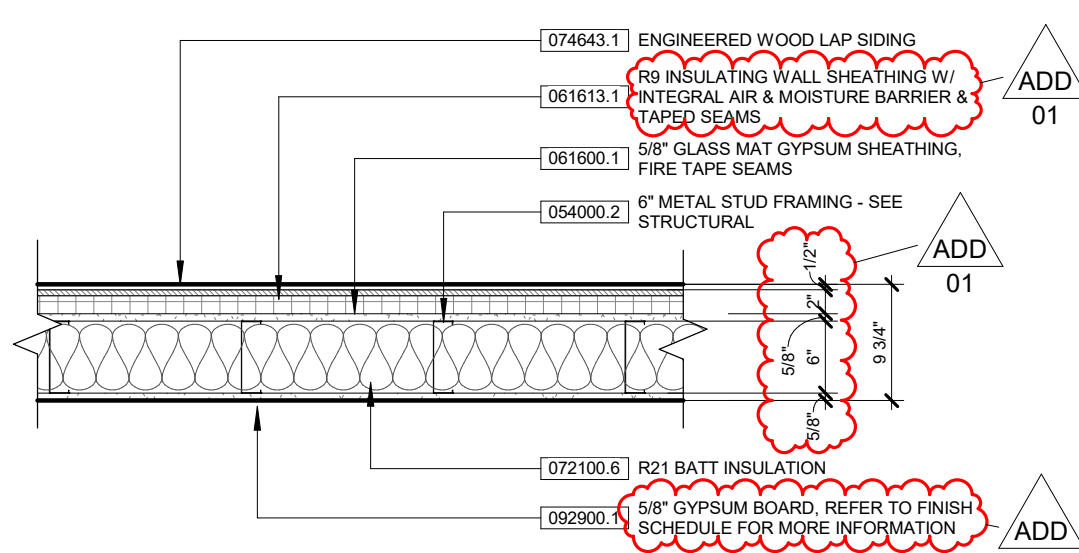
S.1A



E.1A

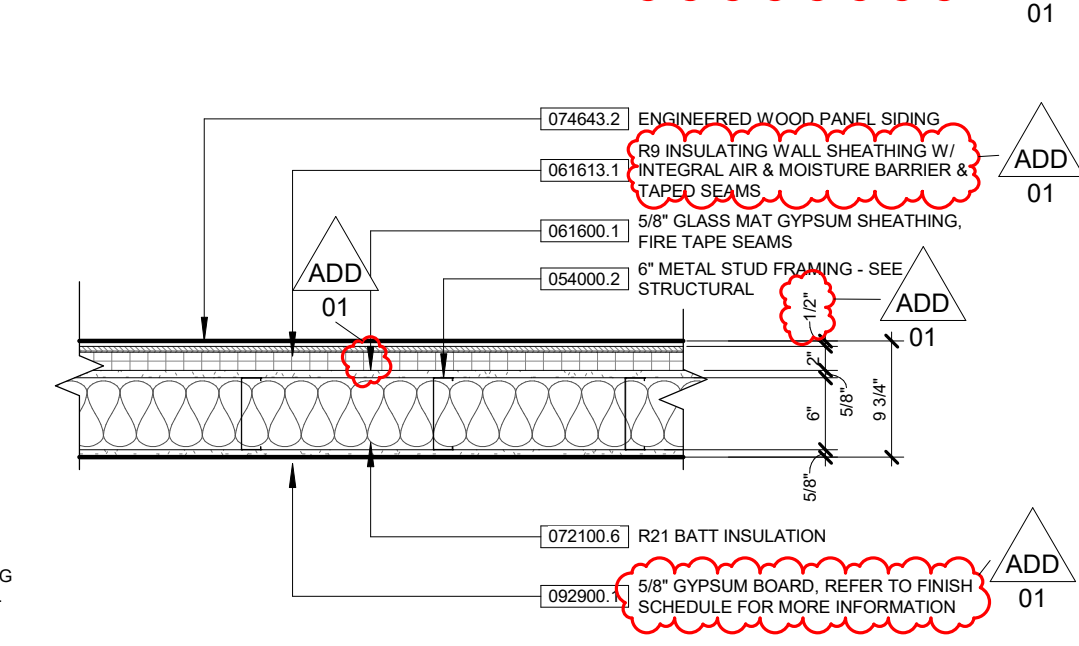


E.1B



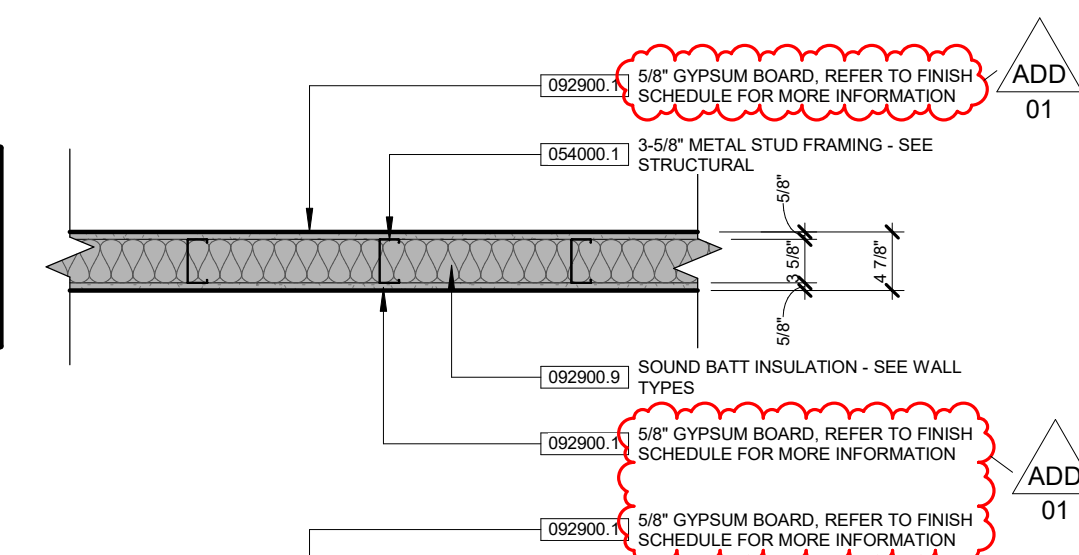
E.1D

E.1Da WALL TYPE (E.1D) WITH 3-5/8\"/>



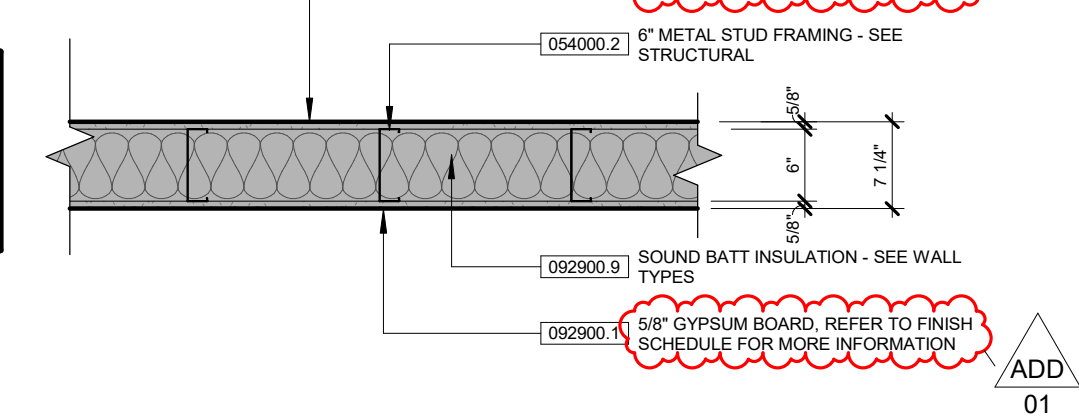
I.1As

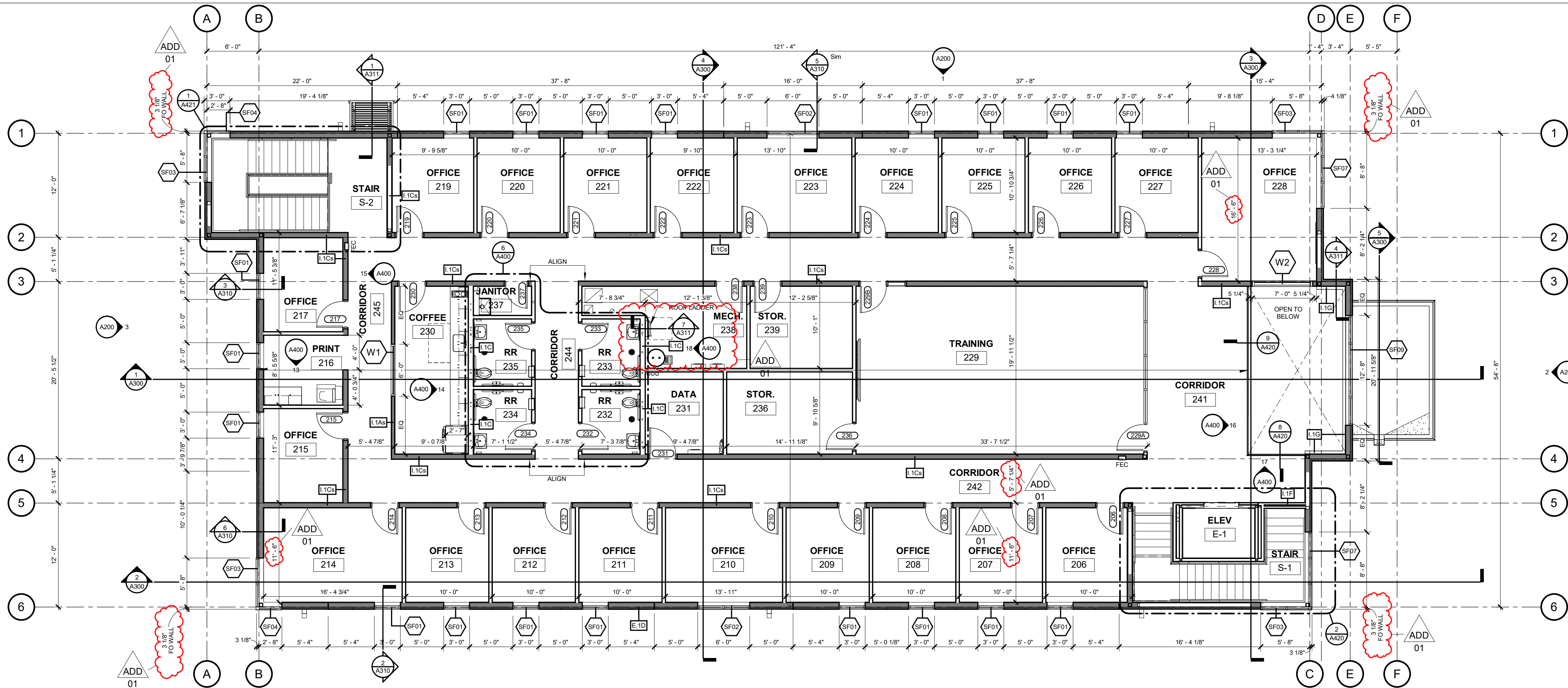
STRUCTURAL WALL



I.1Cs

STRUCTURAL WALL



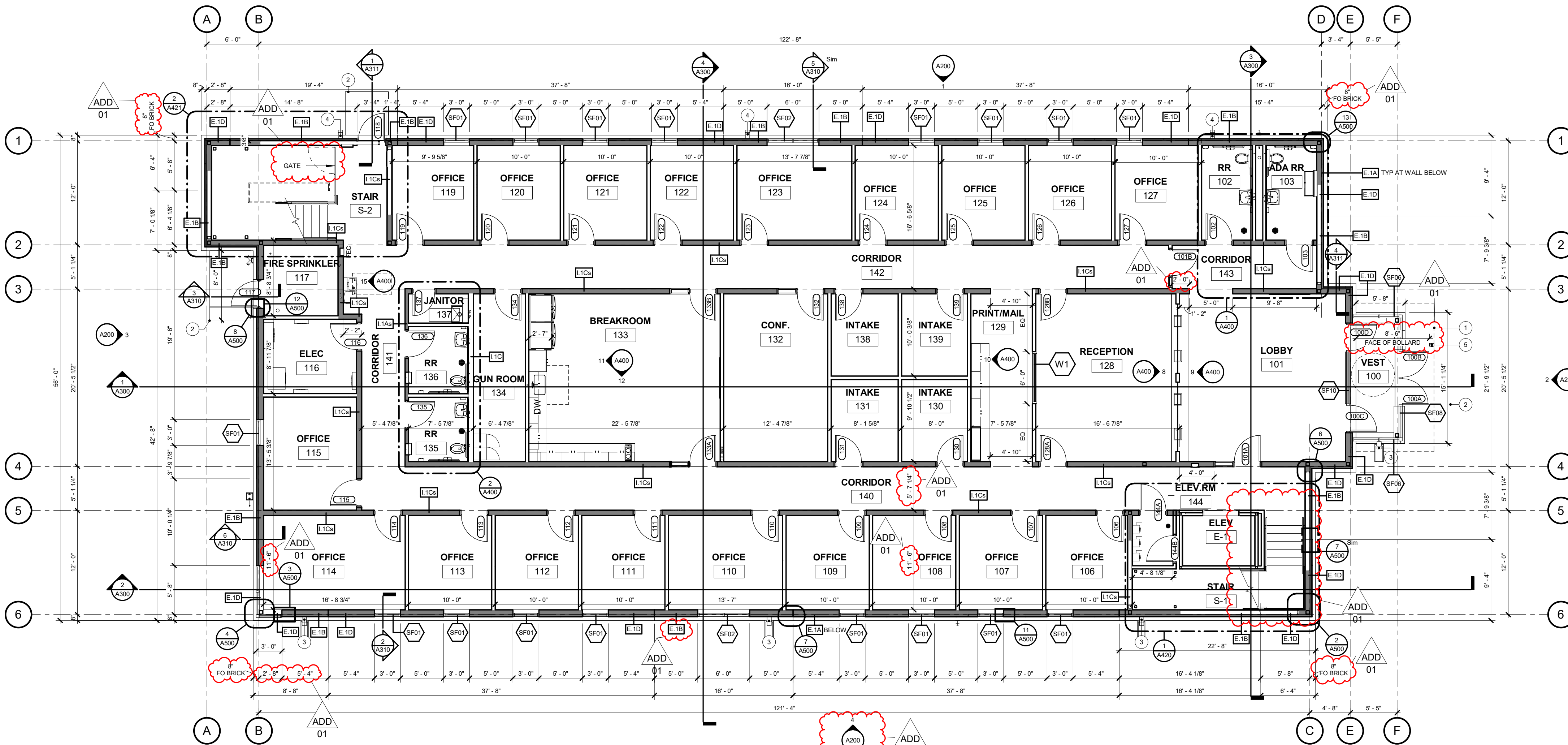


GENERAL NOTES: FLOOR PLANS

- THESE GENERAL NOTES APPLY TO ALL FLOOR PLAN SHEETS.
- DRAWINGS SHOULD NOT BE SCALED - DIMENSIONS GOVERN. CONTACT ARCHITECT FOR CLARIFICATION.
- FLOOR SPOT ELEVATIONS ARE SHOWN THUS ± 0.00 ON THE FLOOR PLANS. ELEVATION ± 0.00 IS GRADE SHOWN ON CIVIL DRAWINGS.
- ALL WALLS TO EXTEND TO STRUCTURE WITH ACoustICAL SEALANT AT TOP AND BOTTOM OF WALL AND WALL PENETRATIONS ABOVE UNLESS NOTED OTHERWISE. ALL INTERIOR WALLS TO BE TYPE L1A UNO.
- ALL INTERIOR WALLS TO HAVE ACoustICAL BATT INSULATION TO THE FULL DEPTH OF THE CAVITY AND EXTEND THE FULL HEIGHT OF THE WALL.
- SEE SHEET A001 FOR WALL TYPE DESCRIPTIONS.
- ALL DIMENSIONS ARE TO FACE OF FINISHED WALLS, FACE OF CMU WALLS, OR CENTERLINE OF STRUCTURE / COLUMNS, UNLESS NOTED OTHERWISE.
- PROVISIONS SHALL BE MADE AT FULL HEIGHT NONBEARING WALLS FOR POTENTIAL VERTICAL MOVEMENT OF BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSION LOADS TO WALL. VERIFY USE OF DEFLECTION TRACK CONNECTIONS AT TOP OF WALL WITH STRUCTURAL.
- ALL PENETRATIONS THROUGH WALLS AND FLOORS SCHEDULED TO RECEIVE A FIRE RESISTIVE RATING SHALL BE SEALED WITH FIRE STOPPING MATERIAL AS REQUIRED TO ACHIEVE THE RESPECTIVE FIRE-RESISTIVE RATING AND SMOKE STOPPAGE.
- MASONRY CONTROL JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH INDUSTRY STANDARDS, MANUFACTURER'S RECOMMENDATIONS, AND SHALL BE LOCATED AS SHOWN ON THE DRAWINGS AND PER PROJECT MANUAL.
- CONTRACTOR(S) TO PROVIDE WOOD BLOCKING IN METAL STUD PARTITIONS FOR PROPER ANCHORAGE OF ALL WALL ATTACHED ITEMS (IE: TOILET ACCESSORIES, CASEWORK, MILLWORK, WALL-MOUNTED FIXTURES, MARKER BOARDS, TACK BOARDS, ETC.).
- GYPSUM BOARD ASSEMBLIES SHALL HAVE CONTROL JOINTS PROVIDED IN ACCORDANCE WITH INDUSTRY STANDARDS, MANUFACTURER'S RECOMMENDATIONS, AND SHALL BE LOCATED WHERE SHOWN ON DRAWINGS AND AS DESCRIBED IN PROJECT MANUAL AND APPROVED BY ARCHITECT.
- DIMENSIONS FOR DOOR AND WINDOW OPENINGS ARE NOMINAL. VERIFY AND ALLOW RECOMMENDED SHIM AND SEALANT GAPS AS REQUIRED AT DOOR AND WINDOW FRAMES.
- CONTRACTOR(S) SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS AND CABINETS AS REQUIRED BY CODE, LOCAL AUTHORITIES HAVING JURISDICTION, AND AS NOTED ON DRAWINGS AND PROJECT MANUAL.
- CONTRACTOR(S) SHALL VERIFY LOCATION, MOUNTING HEIGHT, AND BLOCKING REQUIREMENTS OF BRACKETS FOR WALL MOUNTED TV, RAILING BRACKETS, TRASH, SHELVING BRACKETS, VIDEO EQUIPMENT, AND OTHER OWNER SUPPLIED ITEMS.
- DOOR OPENINGS SHALL BE INSTALLED SUCH THAT THE EDGE OF THE HINGE JAMB IS 4" AWAY FROM THE ADJACENT PERPENDICULAR WALL IN GYP. BD. WALL ASSEMBLIES TYPICAL, UNLESS NOTED OTHERWISE.
- CONTRACTOR(S) SHALL PROVIDE A CONCRETE STOOP WITH POSITIVE DRAINAGE AWAY FROM BUILDING, CONSTRUCTED ON FROST FOOTINGS AT ALL EXTERIOR DOOR LOCATIONS. SEE PLANS AND STRUCTURAL SHEETS FOR ADDITIONAL DETAIL. THRESHOLDS TO INCLUDE 2" RIGID INSULATION. SEE DRAWINGS FOR FURTHER DETAILS.
- CONCRETE FLOORS SHALL SLOPE TO FLOOR DRAINS WHERE INDICATED. SLOPE FLOORS TO DRAIN, NOT TO EXCEED 2% SLOPE TO MAXIMUM SLOPES TO COMPLY WITH ADA AND LOCAL CODES. SEE DRAWINGS FOR ADDITIONAL INFORMATION.
- ALL "COMM/DATA" ROOM WALLS TO BE LINED WITH 3/4" FIRE RETARDANT PLYWOOD. MASK OFF FIRE RETARDANT RATING AND PAINT WHITE. PLYWOOD 6" AFF TO 0" AFF.
- PAIN ALL EXTERIOR STEEL LINTELS w/ HIGH PERFORMANCE COATINGS EXPOSED OR NOT.
- HOLD 1/2" CLEARANCE BETWEEN FLOOR AND GYPSUM BOARD. FILL GAP BETWEEN BOTTOM EDGE OF GYPSUM BOARD AND FLOOR WITH (ACoustIC) SEALANT. SEE TYPICAL INTERIOR PARTITION ON A001.

FLOOR PLAN NOTES

1	CANOPY OVERHEAD
2	CONC. STOOP - SEE STRUCTURAL
3	DOWNSPOUT TO SPRINKLER ABOVE GRADE
4	DOWNSPOUT TO BELOW GRADE STORM SEWER
5	PUSH BUTTON & CARD READER PEDestal. SEE SPEC.



IOWA DAS - DOC 4JD CBC NEW CENTRAL OFFICE BUILDING

818 S. 10TH STREET
COUNCIL BLUFFS, IOWA 51501

ISSUANCE

100% CONSTRUCTION DOCUMENTS
04/21/2026

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04/30/2026 ADDENDUM 01

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PROJECT NUMBER

25079

FLOOR PLANS

A100

SVPA ARCHITECTS

1466 28th Street, Suite 200 | West Des Moines, Iowa 50266 | 515.327.5990

IOWA Department of Administrative Services

kpf

SNYDER & ASSOCIATES

Alvine

GENERAL NOTES: ROOF PLAN

- MOST ROOF SLOPE ACCOMPLISHED WITH SLOPING ROOF STRUCTURE. SEE STRUCTURAL FOR ELEVATIONS TO DETERMINE PROPER TAPERED INSULATION. SHADED AREAS REPRESENT TAPERED INSULATION. PROVIDE A MINIMUM OF 1/4 INCH PER FOOT SLOPE TO ROOF DRAINS AND.
- SEE A110 AND A511 FOR TYPICAL ROOF DETAILS.
- ROOF MEMBRANE TO BE FULLY ADHERED TO PARAPET WALLS AND MUST EXTEND DOWN OUTSIDE FACE OF WALL 3" MIN. AIR/MOISTURE BARRIER TO EXTEND TO TOP OF PARAPET. SEAL ROOF MEMBRANE TO AIR/MOISTURE BARRIER AROUND.
- EASE ALL EDGES OF ROOF BLOCKING/HEATING WHERE MEMBRANE WRAPS AROUND.
- ARROWS ON THE PLAN INDICATE DIRECTION OF DRAINAGE. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS OF BUILDING AND DRAIN LOCATIONS AND OTHER PENETRATIONS.
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL PENETRATIONS NOT INDICATED ON THE ROOF PLAN.
- COORDINATE EXACT SIZE AND LOCATION OF PENETRATIONS WITH MECHANICAL AND ELECTRICAL DRAWINGS.
- SEE STRUCTURAL DRAWINGS FOR FRAMING AROUND ROOF PENETRATIONS.
- PROVIDE WALKWAY PADS AS SHOWN ON ROOF PLANS.
- FLASH ALL DRAINS, CURBS, VENTS, AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT PROVIDED ON DRAWINGS.
- ALL ROOF CURBS TO BE A MINIMUM OF 8 INCHES ABOVE ROOF LEVEL. PROVIDE TAPERED INSULATION ROOF CRICKETS AT ROOF CURBS AS REQUIRED FOR DRAINAGE AWAY AROUND CURBS.
- ALL OVERFLOW DRAINS ARE TO BE LOCATED AT A LINEAR DISTANCE THAT PROVIDES 2 INCHES OF HEIGHT ABOVE MAIN ROOF DRAIN.
- AFTER INSTALLED, NO WATER ALLOWED TO REMAIN ON THE ROOF 24 HOURS AFTER RAIN EVENT.

ROOF PLAN NOTES

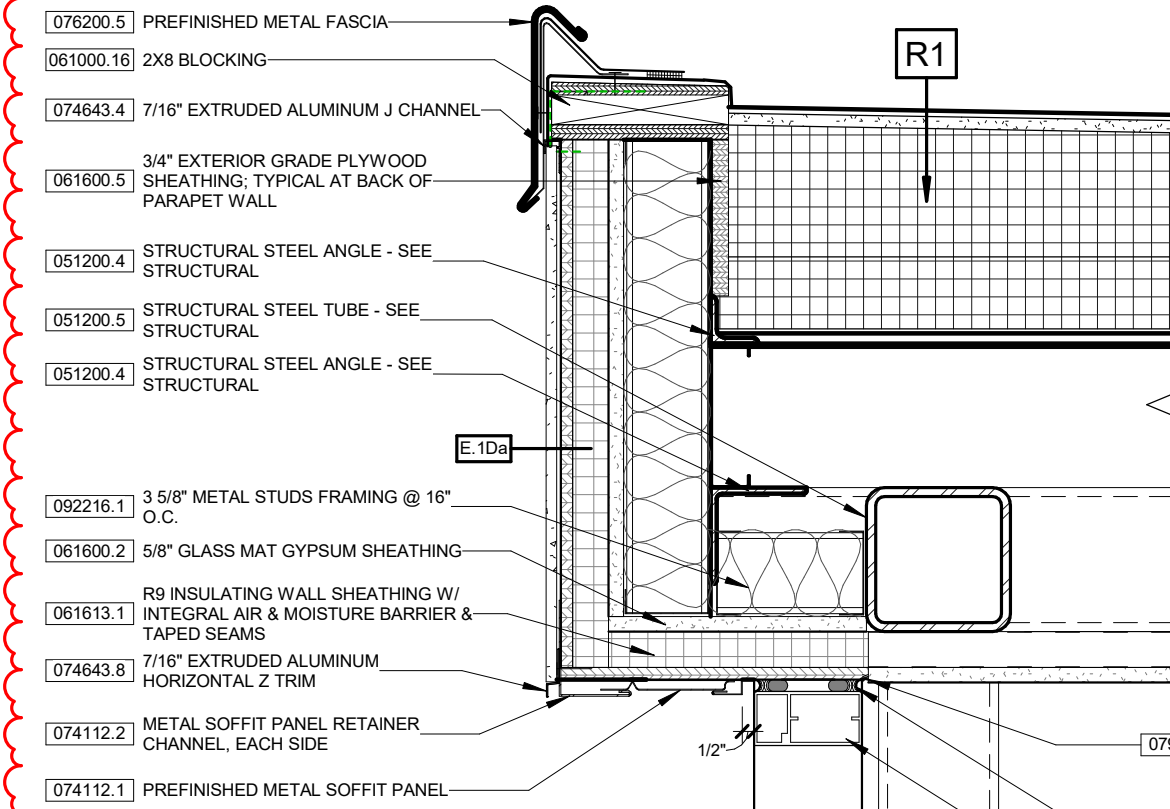
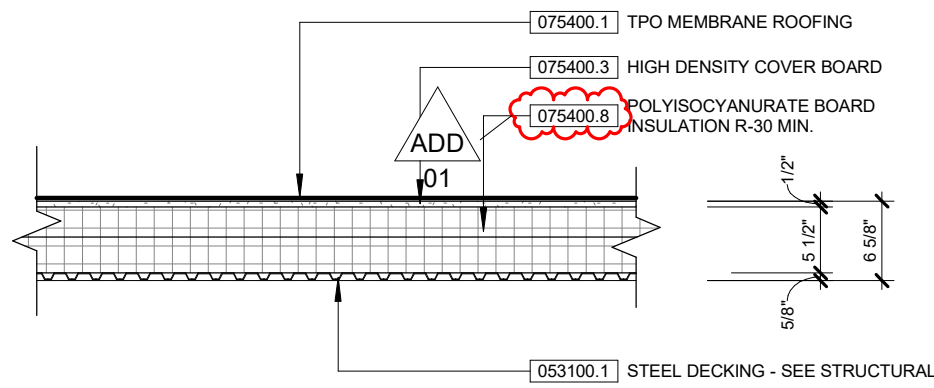
- | | |
|---|--|
| 1 | SLOPED STRUCTURE - SEE STRUCTURAL DWGS |
| 2 | SCUPPER TO CONDUCTOR HEAD TO DOWNSPOUT |
| 3 | PREFABRICATED ALUMINUM CANOPY |
| 4 | CRICKET - 1/4" PER 1'-0" SLOPE |
| 5 | RTU - SEE MECHANICAL |
| 6 | EXHAUST FAN - SEE MECHANICAL |

ROOF LEGEND

TAPERED INSULATION
(1/4" PER 1'-0" SLOPE)

WALKWAY PAD

R1



CANOPY DETAIL 2

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

UPPER CANOPY AT METAL PANEL DETAIL

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

SCUPPER AT CANOPY

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

SCUPPER DETAIL AT LP SIDING

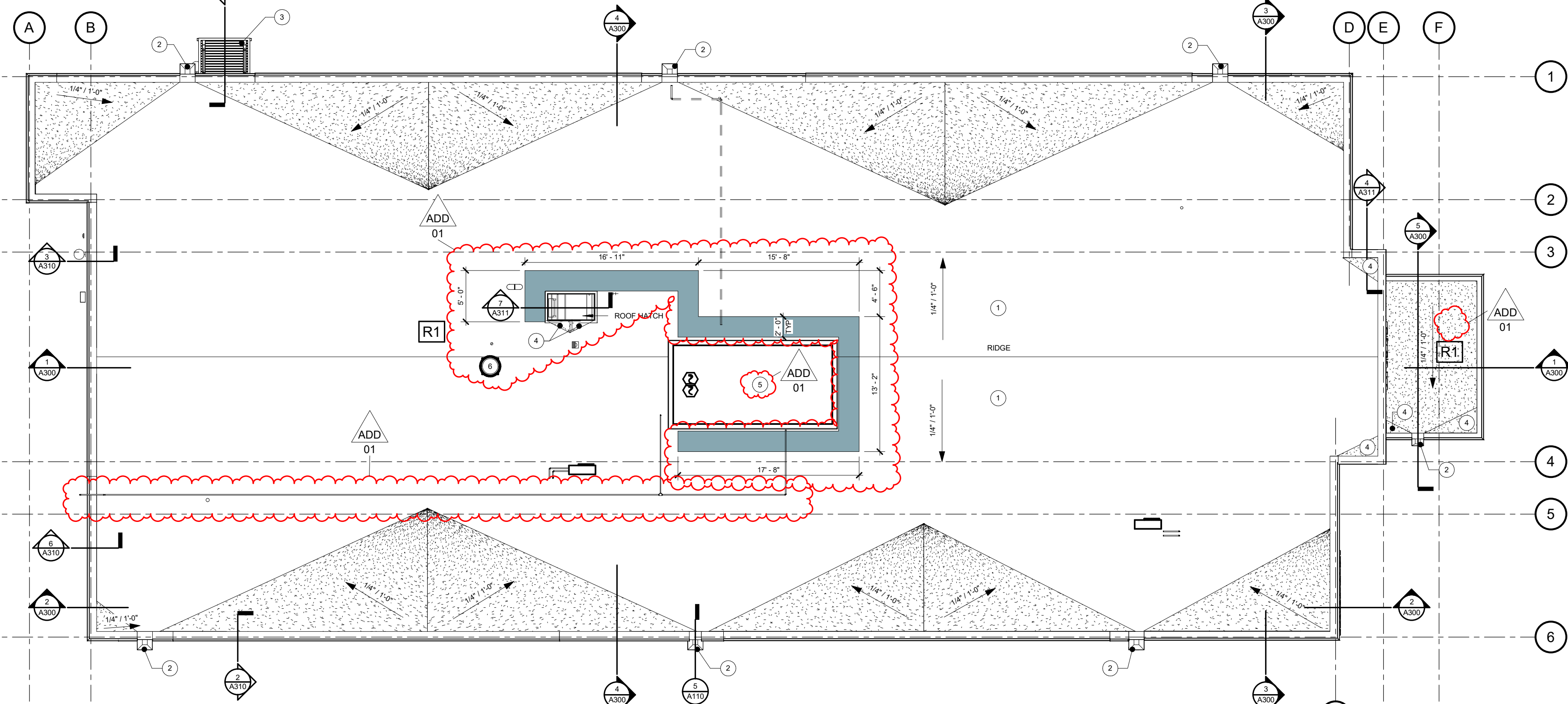
SCALE: 1 1/2" = 1'-0"

PARAPET AT LP SIDING

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

PARAPET AT LP PANEL

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



ROOF PLAN

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

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COUNCIL BLUFFS, IOWA 51501

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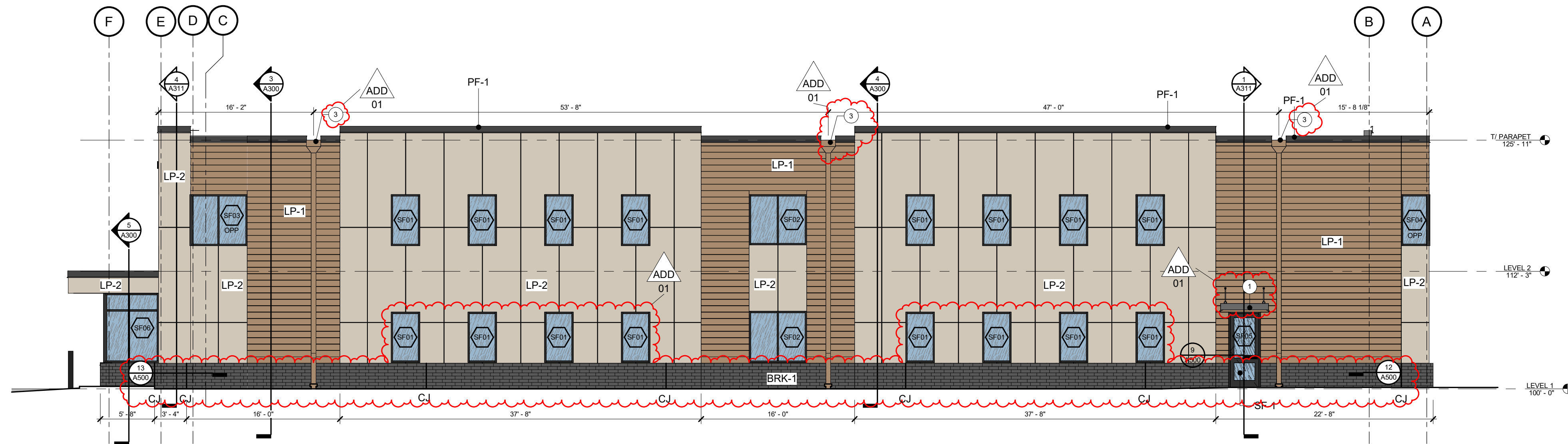
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ROOF PLAN

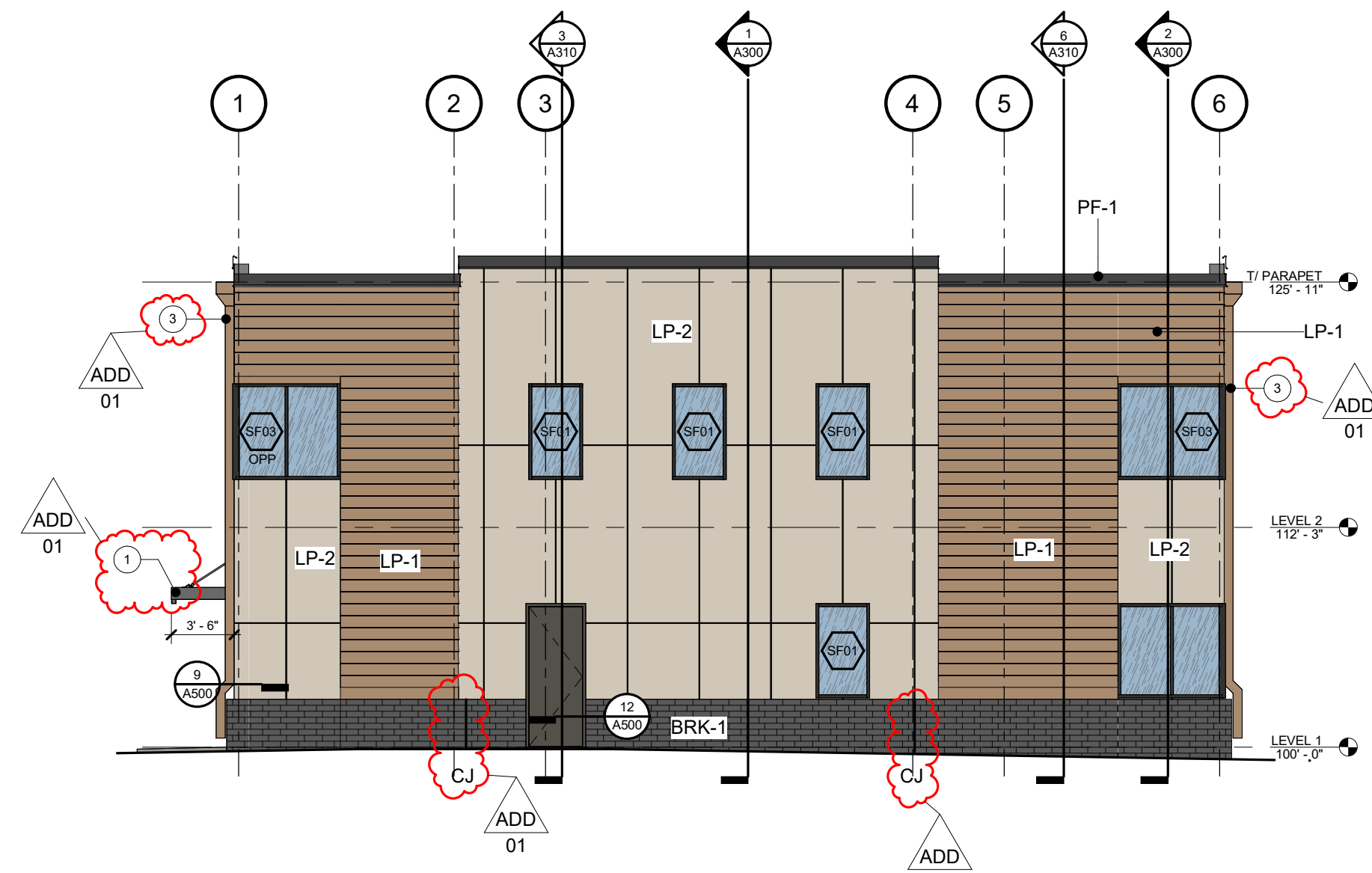
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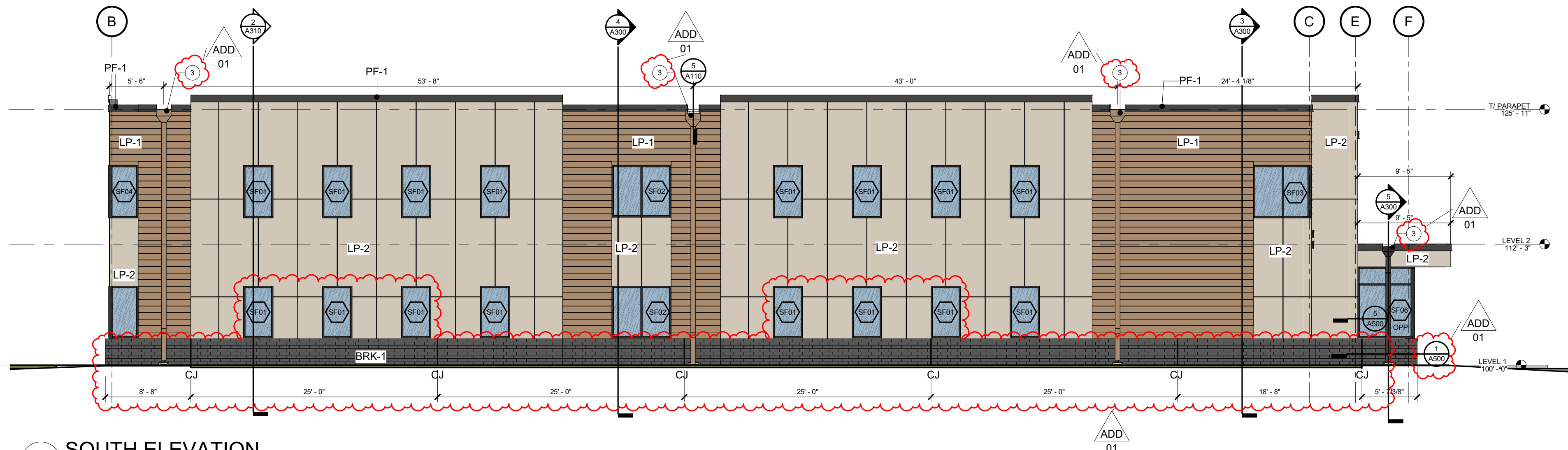
1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



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



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



4 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATION NOTES	
1	PREFABRICATED ALUMINUM CANOPY
2	DIMENSIONAL LETTER SIGNAGE - SEE SPEC
3	GUTTER AND DOWNSPOUT

MATERIAL LEGEND

BRK-1	UTILITY FACE BRICK - BLACK FINISH (COLOR TBD)
LP-1	FIBER CEMENT LAP SIDING - BASIS OF DESIGN 'LP LAP SIDING' PAINTED SW9100 'UMBER RUST'
LP-2	FIBER CEMENT PANEL BOARD - BASIS OF DESIGN 'LP PANEL BOARD' PAINTED SW9170 'ACIER'
ALT-1	FIBER CEMENT LAP SIDING - BASIS OF DESIGN 'LP LAP SIDING' PAINTED SW9170 'ACIER'
SF-1	ALUMINUM STOREFRONT - BASIS OF DESIGN 'EFCO 403-1'
PF-1	PREFINISHED METAL FASCIA/DOWNSPOUT

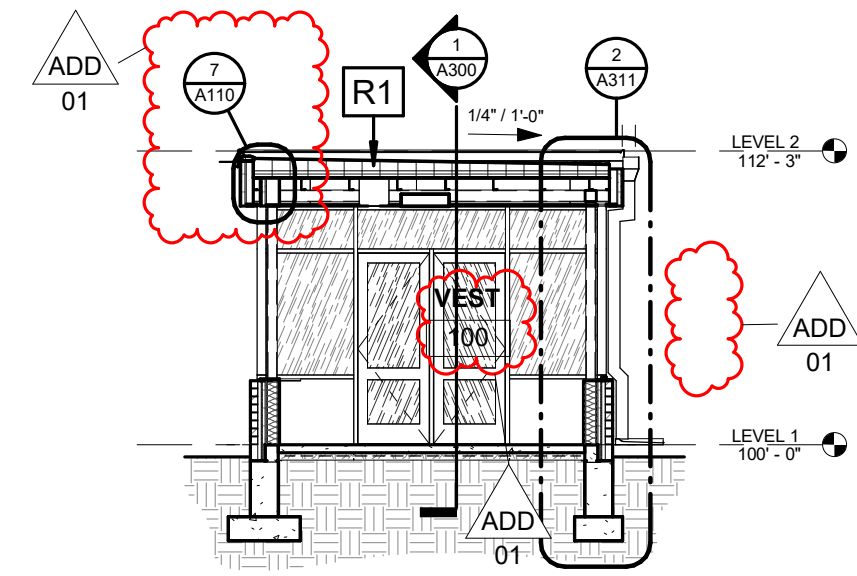
MATERIAL NOTES

ALTERNATE 01 (ALT-1) SHALL REPLACE LP-2 WITH LP-1

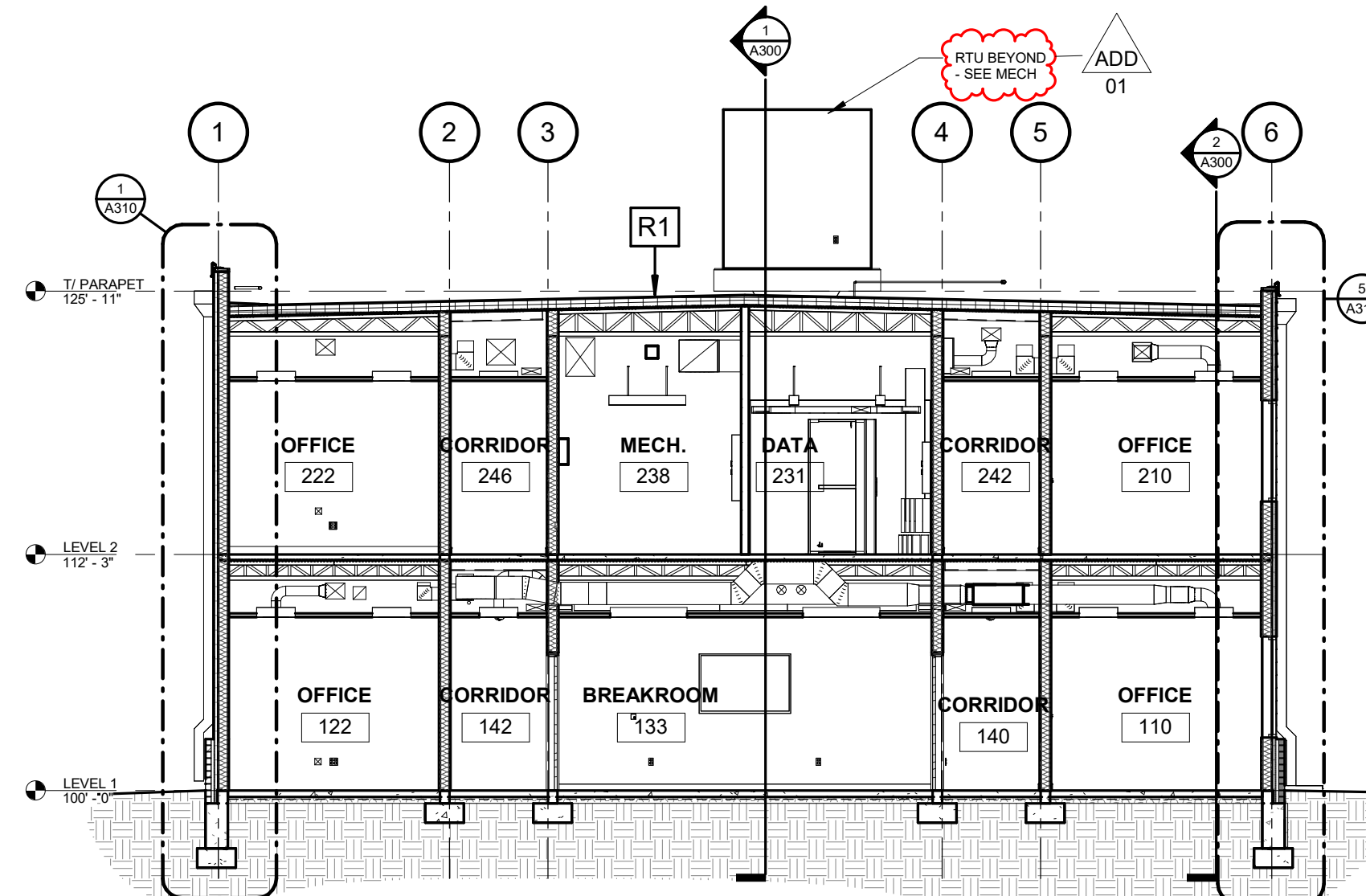
MATERIAL PERCENTAGES

NORTH			SOUTH		
TOTAL SF	3,602	SF	TOTAL SF	3,439	SF
MASONRY	371	10	MASONRY	355	10
FC LAP SIDING	1027	28	FC LAP SIDING	574	25
FC PANEL	1797	50	FC PANEL	1913	53
GLAZING	381	11	GLAZING	397	12
DOORS	26	1	DOORS	0	0

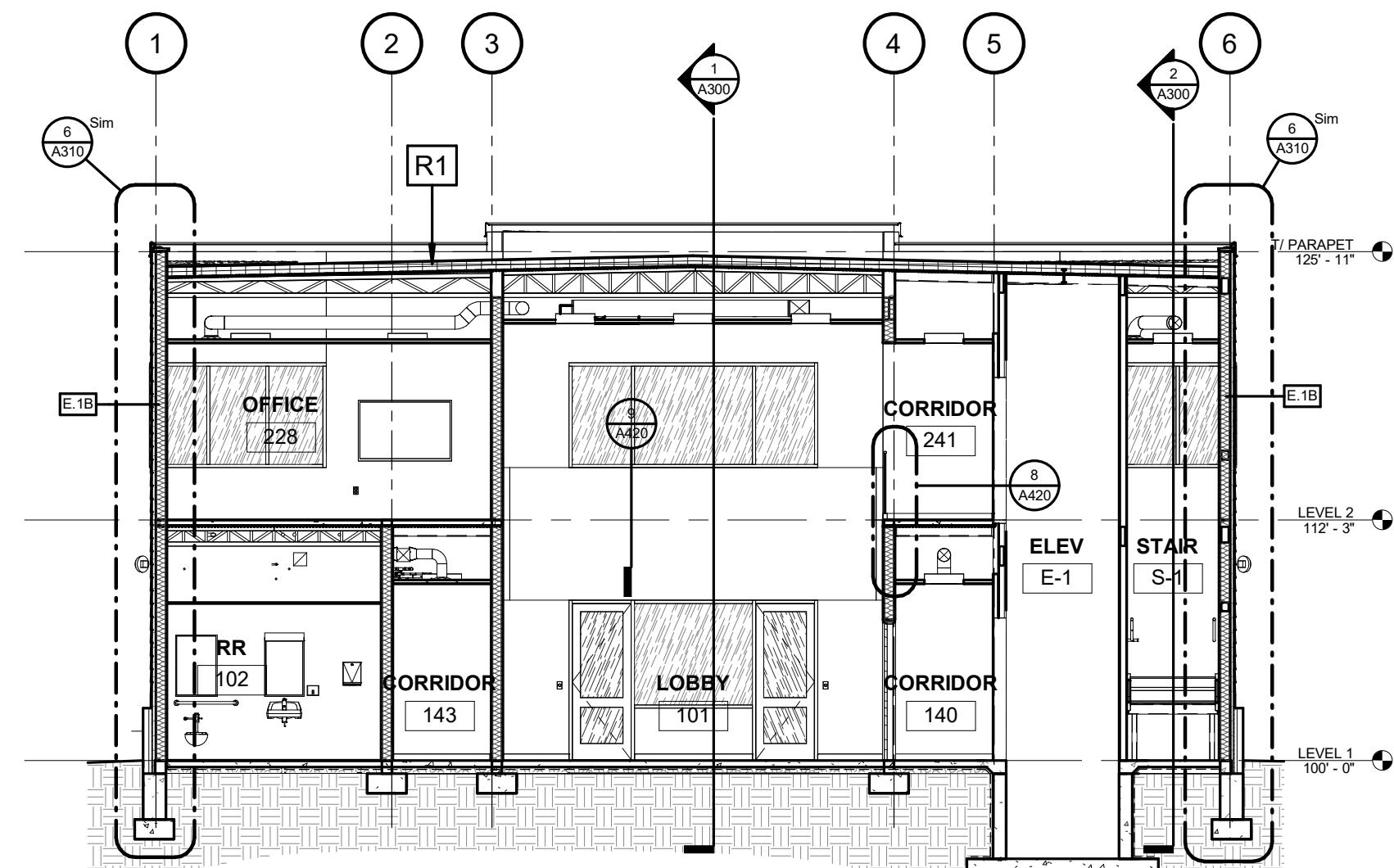
WEST			EAST		
TOTAL SF	1,465	SF	TOTAL SF	1,459	SF
MASONRY	141	10	MASONRY	132	10
FC LAP SIDING	402	27	FC LAP SIDING	474	32
FC PANEL	722	49	FC PANEL	598	41
GLAZING	176	12	GLAZING	204	14
DOORS	24	2	DOORS	51	3



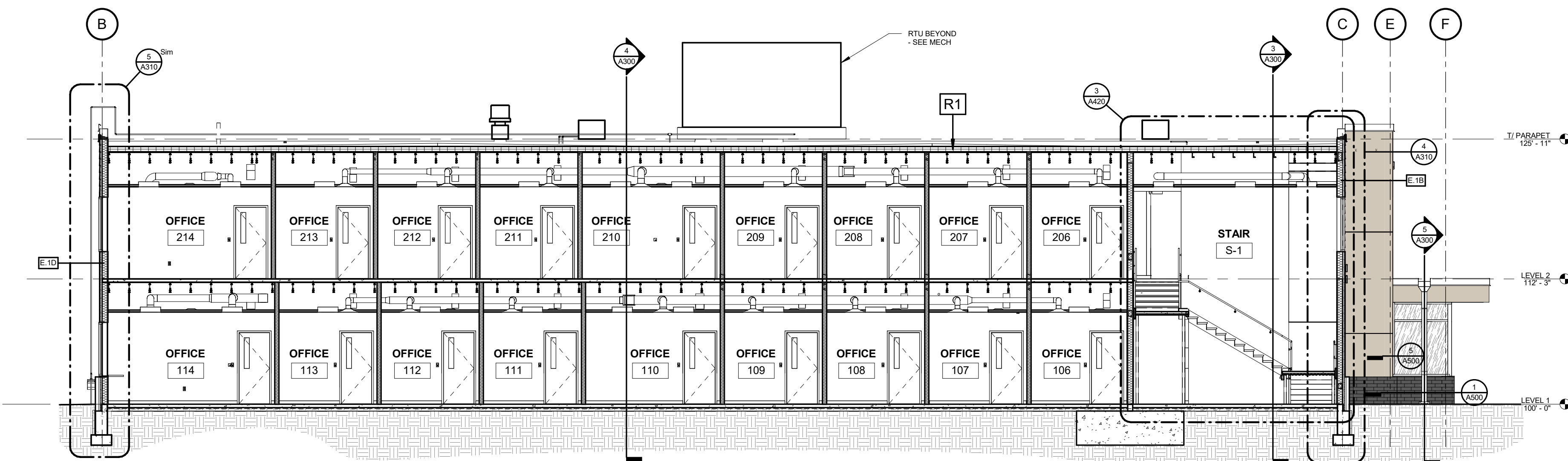
5 BUILDING SECTION
SCALE: 1/8" = 1'-0"



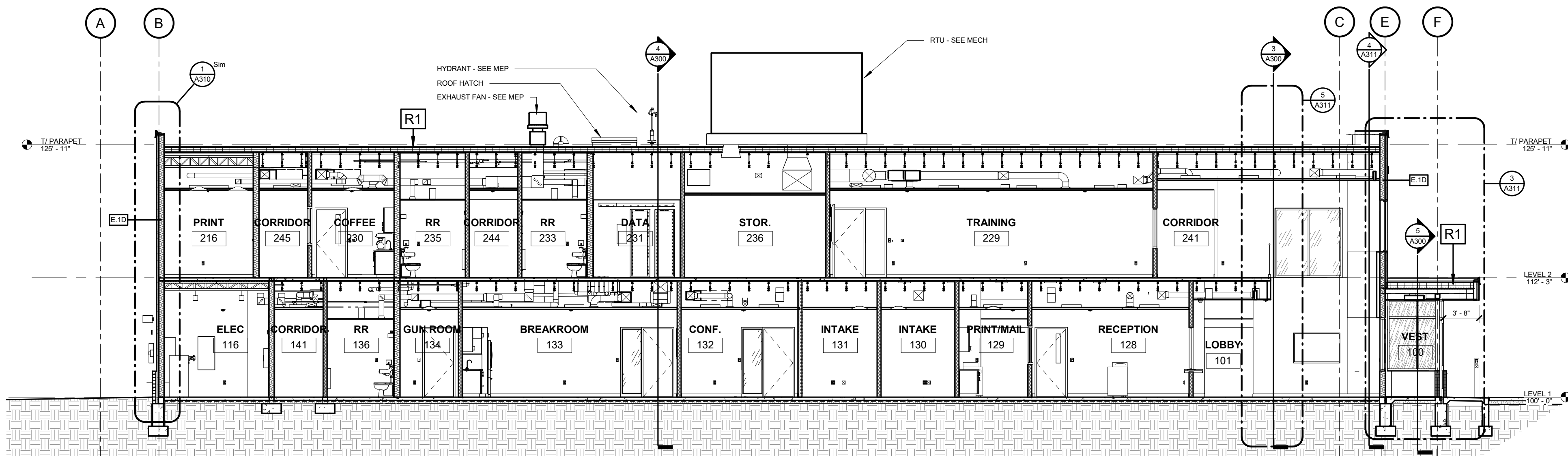
4 BUILDING SECTION
SCALE: 1/8" = 1'-0"



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



2 BUILDING SECTION
SCALE: 1/8" = 1'-0"



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

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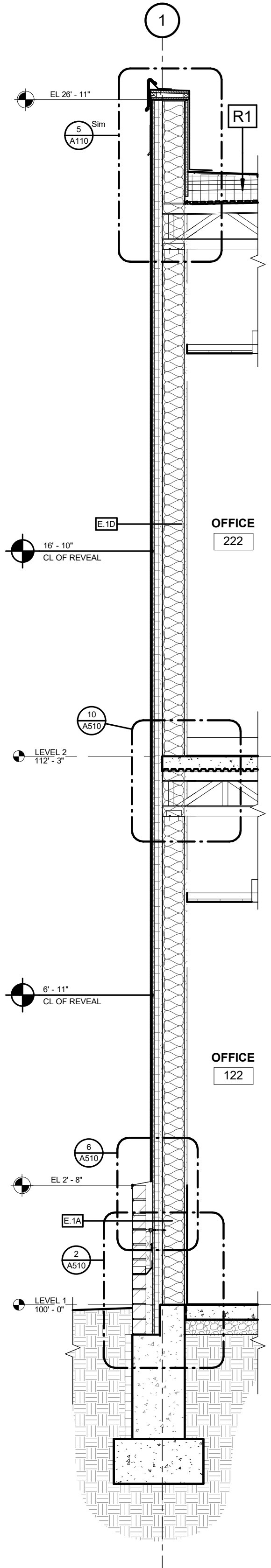
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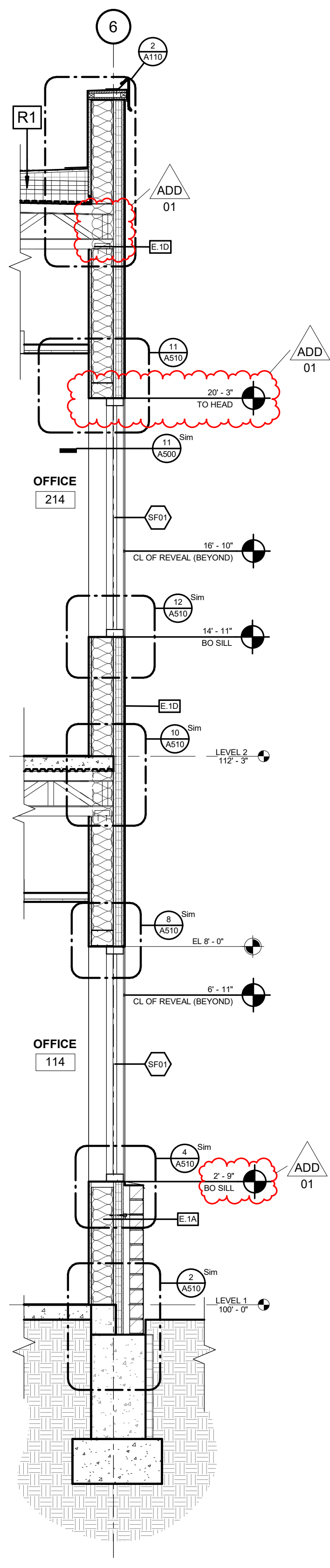
25079

BUILDING SECTIONS

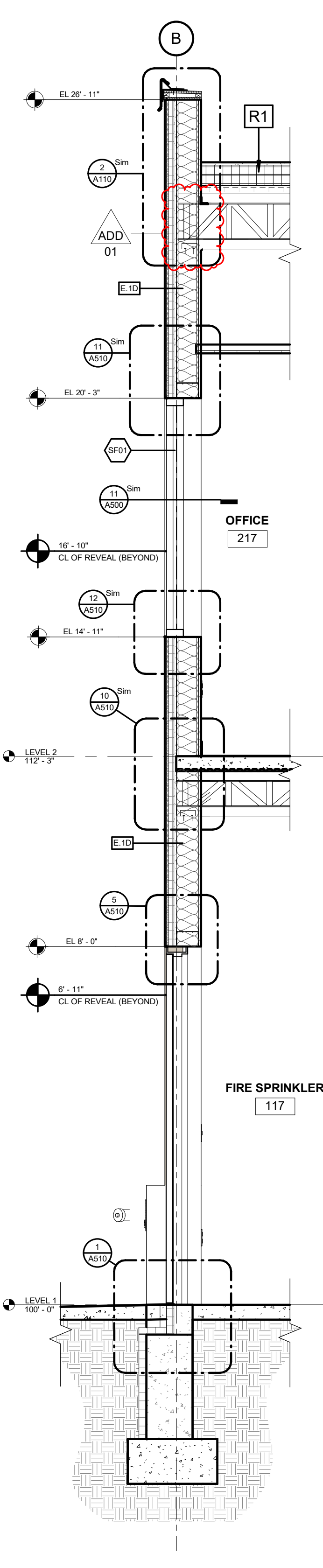
A300



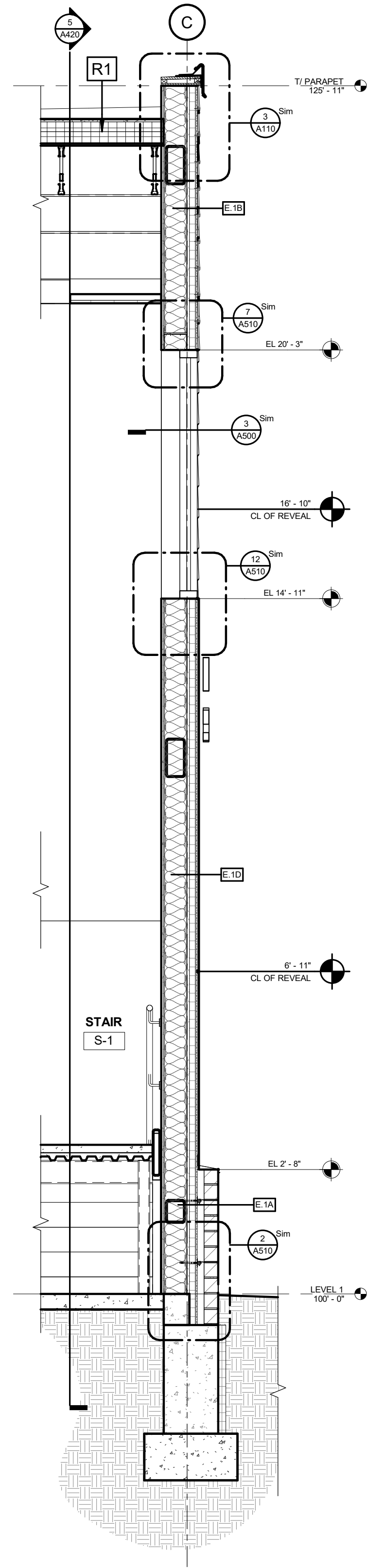
1 WALL SECTION
SCALE: 1/2" = 1'-0"



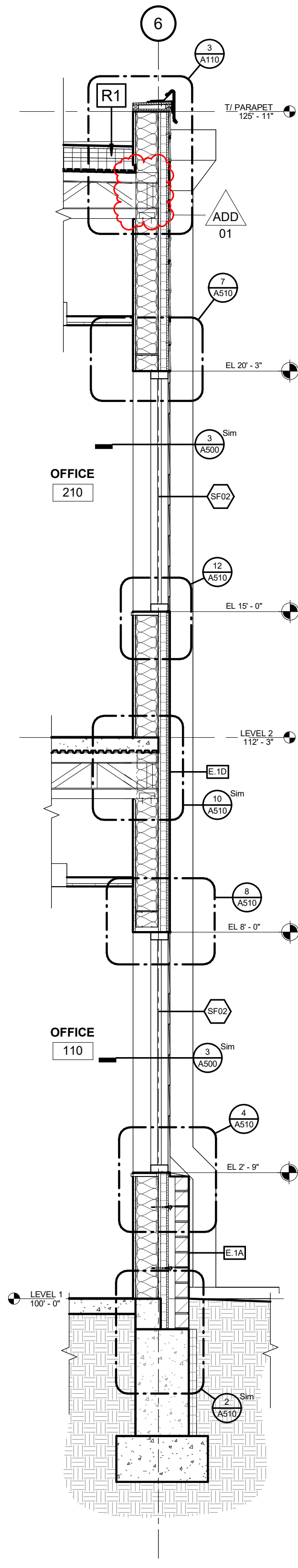
2 WALL SECTION
SCALE: 1/2" = 1'-0"



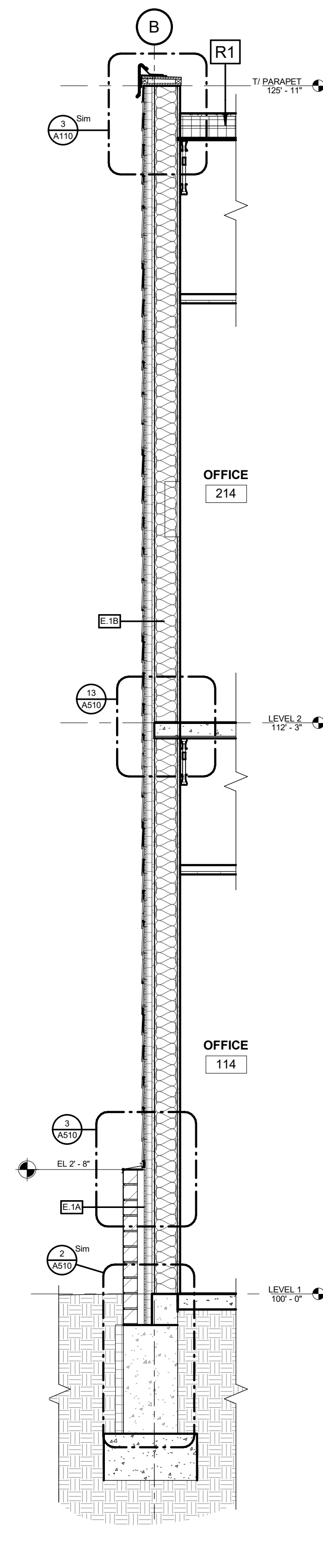
3 HM DOOR SECTION
SCALE: 1/2" = 1'-0"



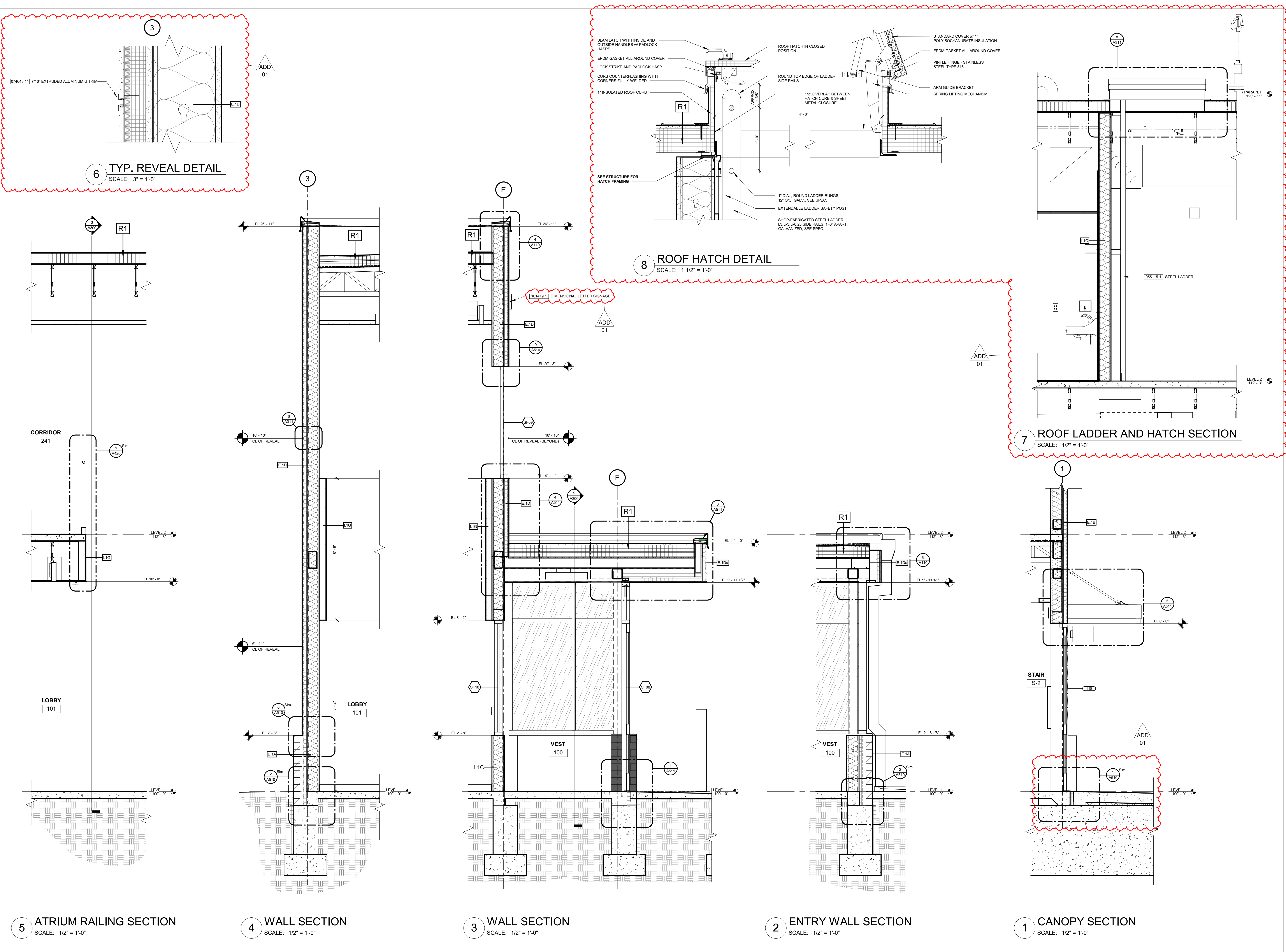
4 WALL SECTION
SCALE: 1/2" = 1'-0"



5 WALL SECTION
SCALE: 1/2" = 1'-0"



6 LAP SIDING WALL SECTION
SCALE: 1/2" = 1'-0"



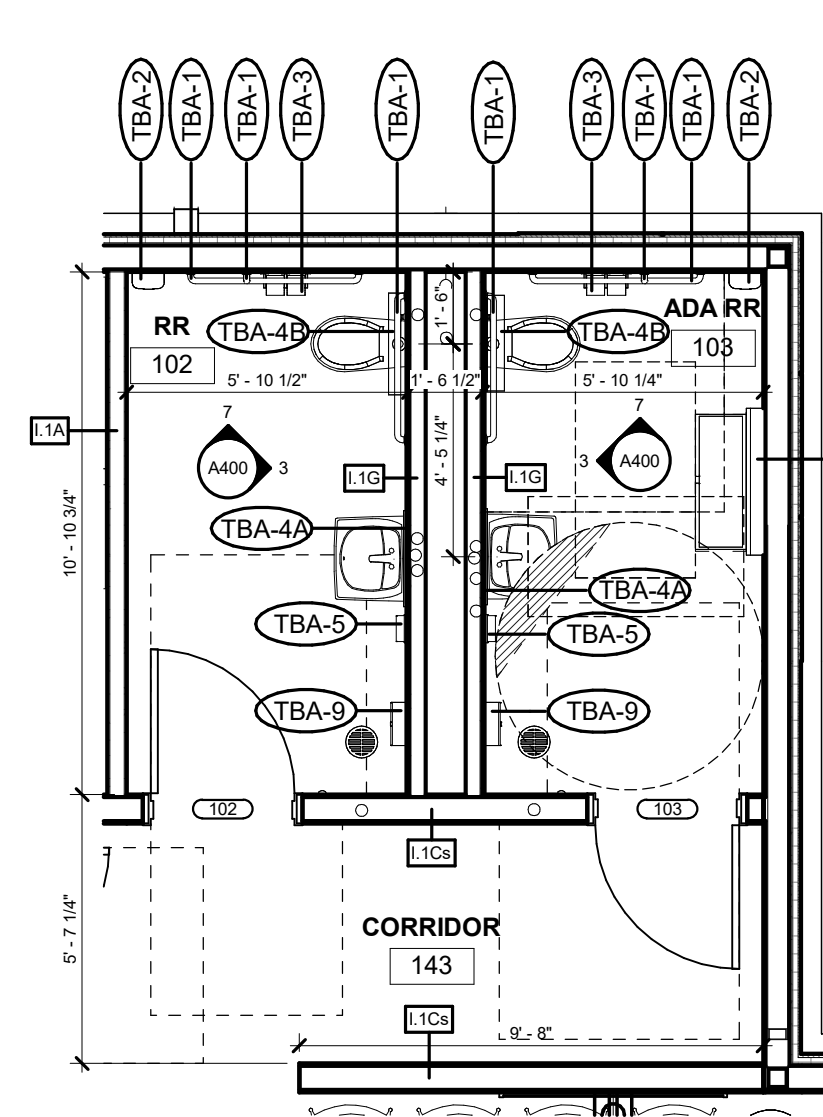


Diagram illustrating the dimensions and components of a vanity unit:

- Overall Width:** 2'-0"
- Overall Height:** 3'-0"
- Top Panel:** 10'-0"
- Side Panel:** 2'-10"
- Front Panel:** 2'-0"
- Back Panel:** 2'-0"
- Components:**
 - VANITY LIGHT, SEE ELEC.
 - PT1
 - 1
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[illegible]

Technical drawing of a window assembly. The drawing shows a cross-section of a window with a frame and a sash. The frame is labeled "PNT3". The sash is labeled "LG-1". The window is shown in a closed position. Dimensions are indicated with arrows and text: "1'-2\"", "8'-0\"", "1'-4\"", "1'-6\"", "1'-4\"", "1'-6\"", "8'-0\"", "4'-4\"", "2'-0\" to 2'-6\"", "15'-0\" to 14'-0\"", "1'-2\"", "4'-4\"", "2'-0\" to 2'-6\"", "15'-0\" to 14'-0\"". The drawing also shows a "COIN TRAY, TYP. OF 4" and a "SPEAKER, TYP. OF 4". A note indicates "OTZ1 CTOP". A dashed line indicates a "BUTT GLAZED, CLEAR CAULK". A label "10TH" is shown on the right side of the drawing.

[illegible]

10' x 10' ISLAND UNIT

7'-0" C33A

2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0"

3'-0" 2'-9" 2'-9" 2'-4" FILL

PNT

2'-6" PLAM1

SS1 CTOP & BACKSPLASH

3'-6" PNT

2'-10" 2'-10" 2'-10" 2'-10" 2'-10" 2'-10" 2'-10" 2'-10" 2'-10" 2'-10"

TRASH RECYCLING

PLAM1

1'-6" 1'-6" 2'-9" 2'-9" 1'-5" FILLER

1/2" CH

A410 A410 A410

SCHEDULED BASE

[illegible]

Technical drawing of a kitchen layout showing a sink (PNT) and a stove (PT1) with dimensions 5'-0" and 5'-4". A door is labeled "SCHLÜTER TRIM".

5'-6"

OPEN TO LOBBY

A430

LG-1

BUTT GLAZED, CLEAR SILICONE SEALANT, TYP.

EQ EQ EQ EQ EQ EQ

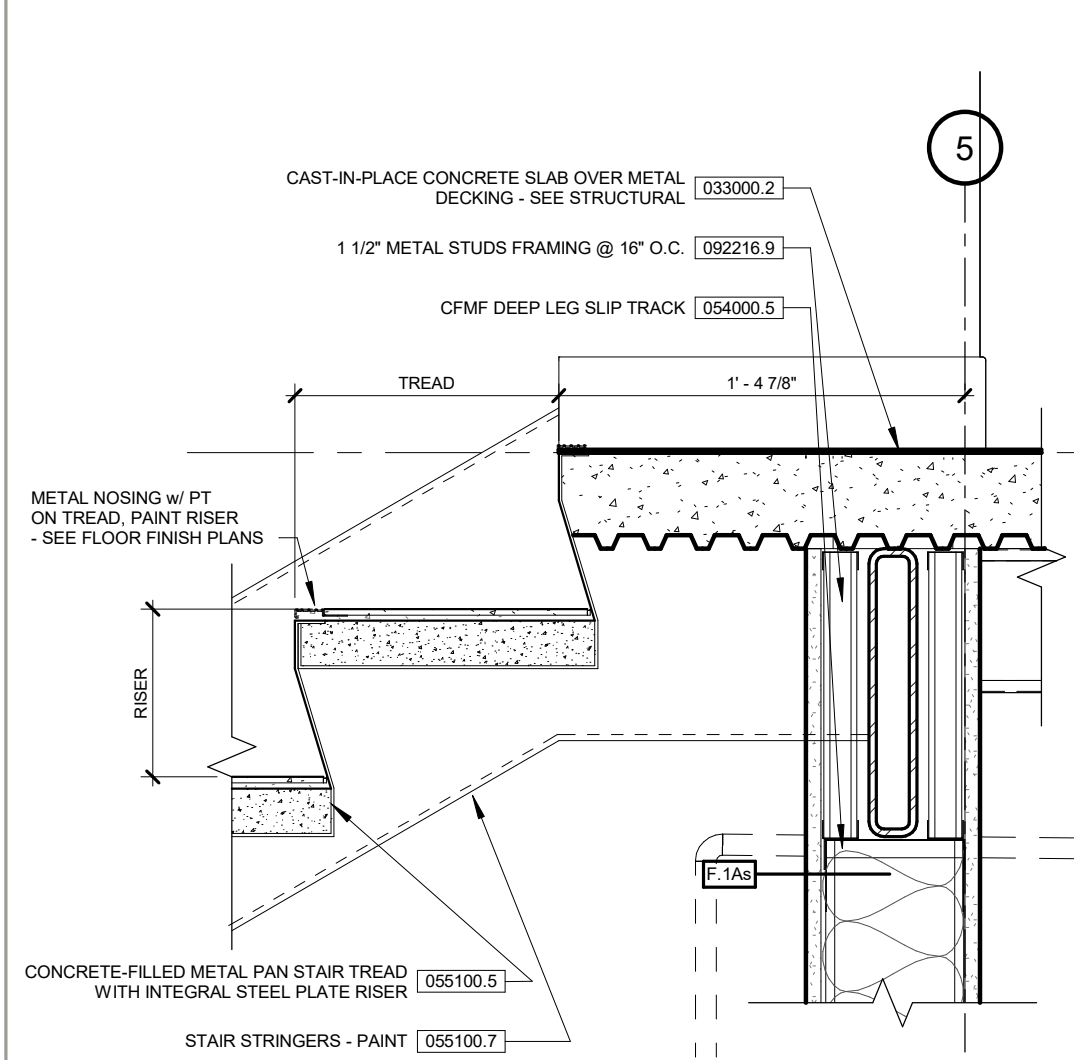
19'-6 1/2"

18 ROOF LADDER ELEVATION

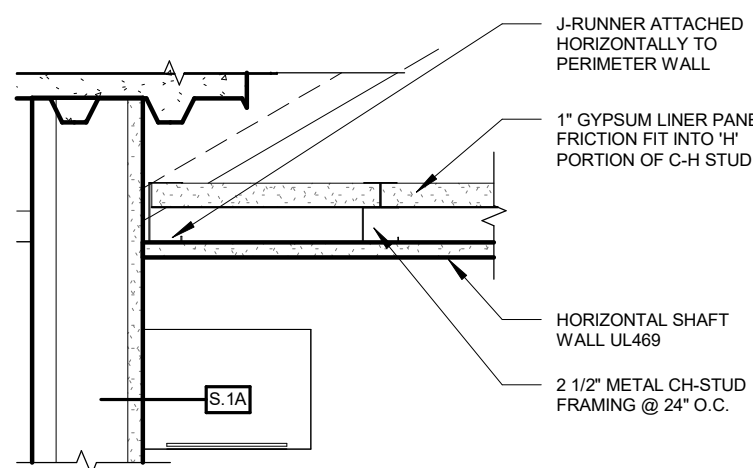
SCALE: 1/4" = 1'-0"

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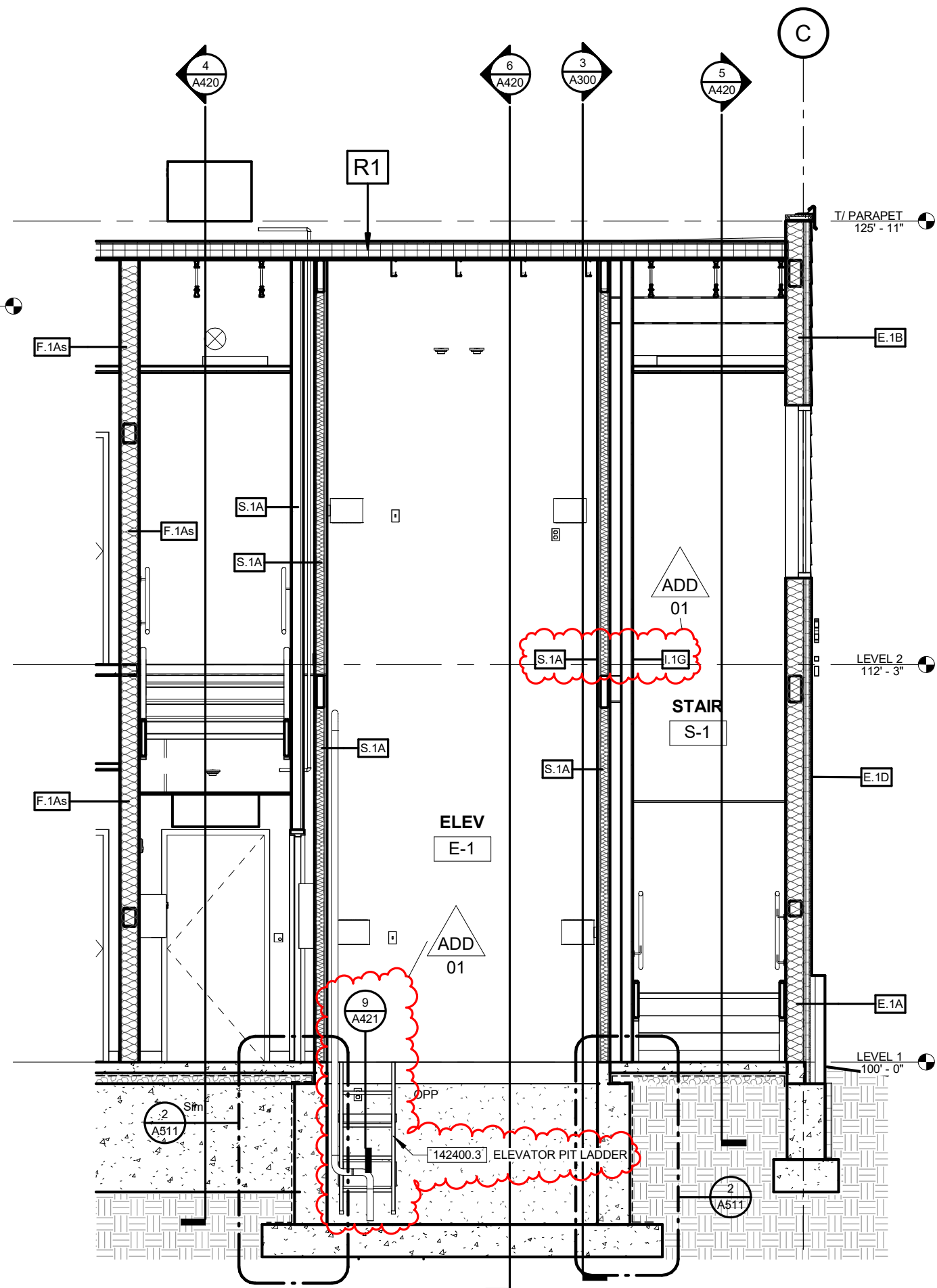
A400



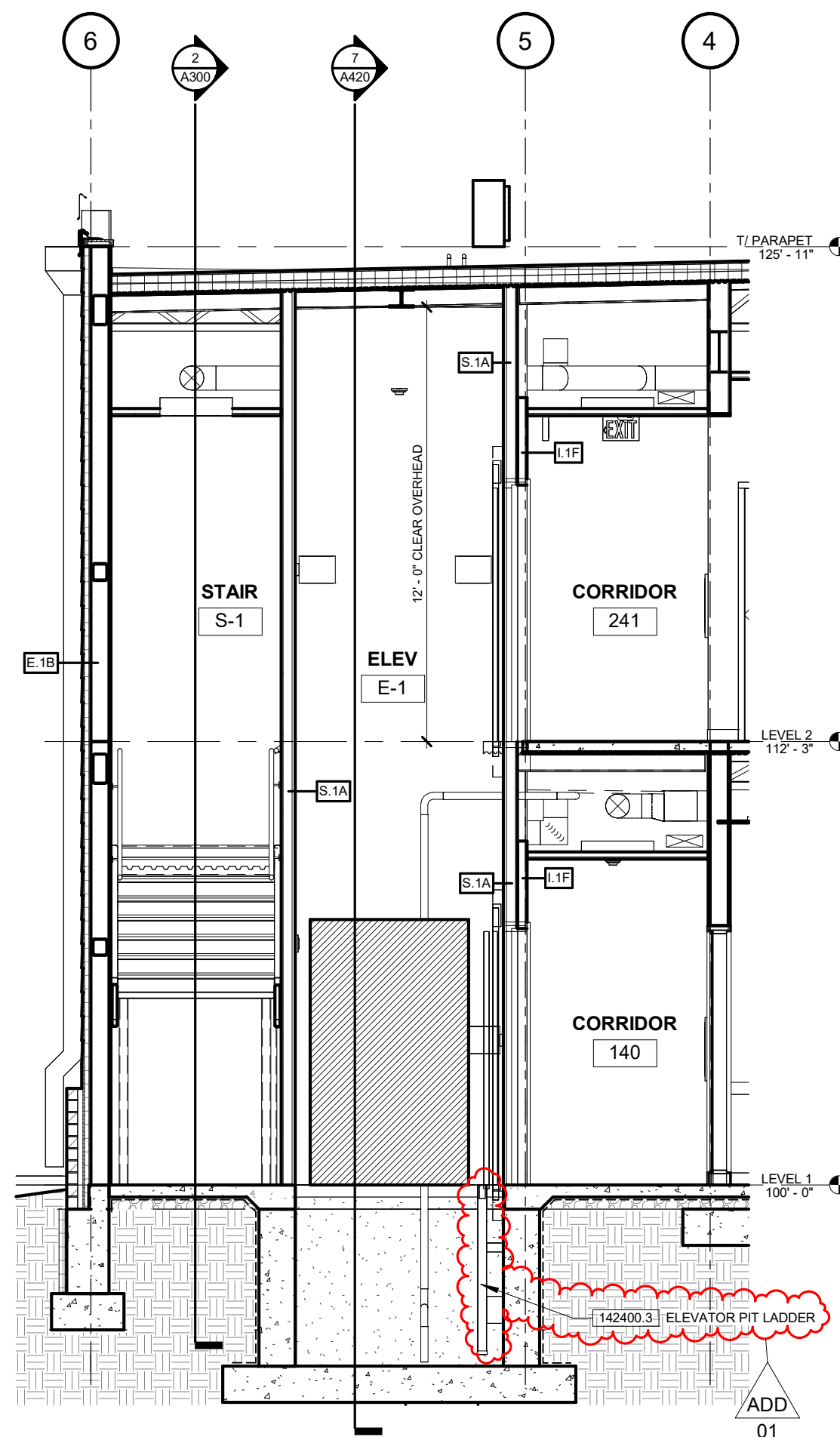
11 STAIR 1 - LANDING DETAIL
SCALE: 1 1/2" = 1'-0"



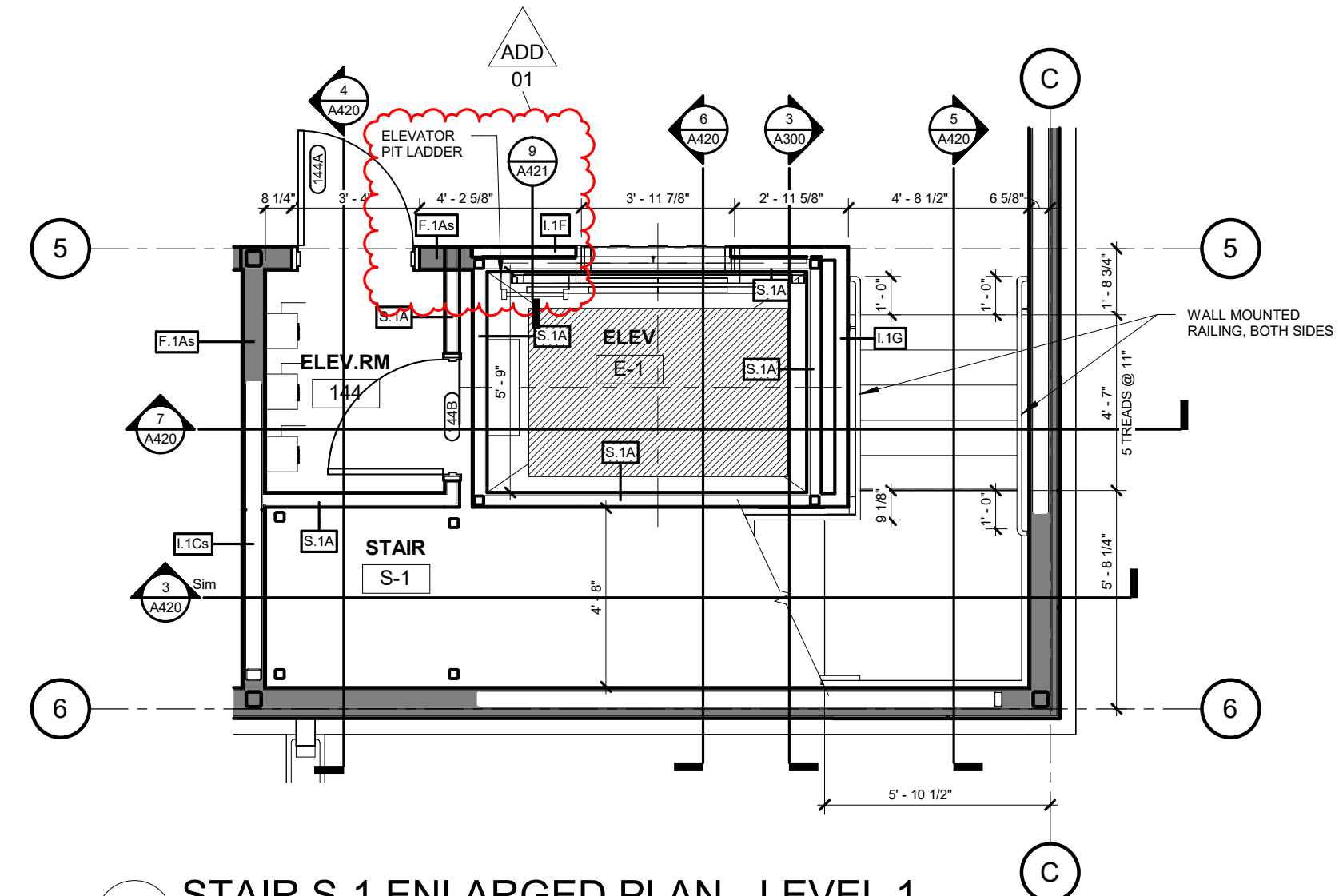
10 RATED GYP.BD. CEILING
SCALE: 1 1/2" = 1'-0"



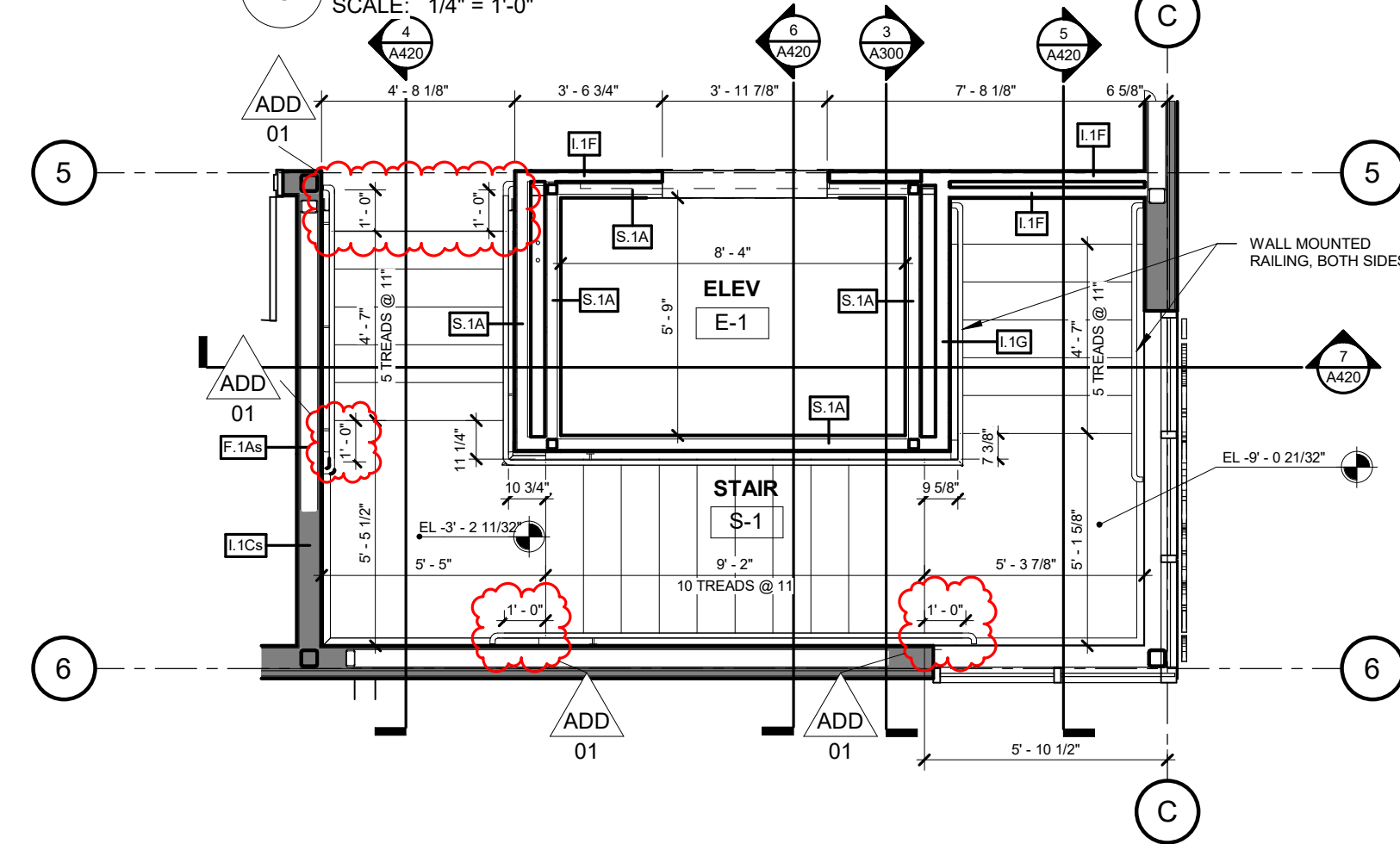
7 ELEVATOR SECTION
SCALE: 1/4" = 1'-0"



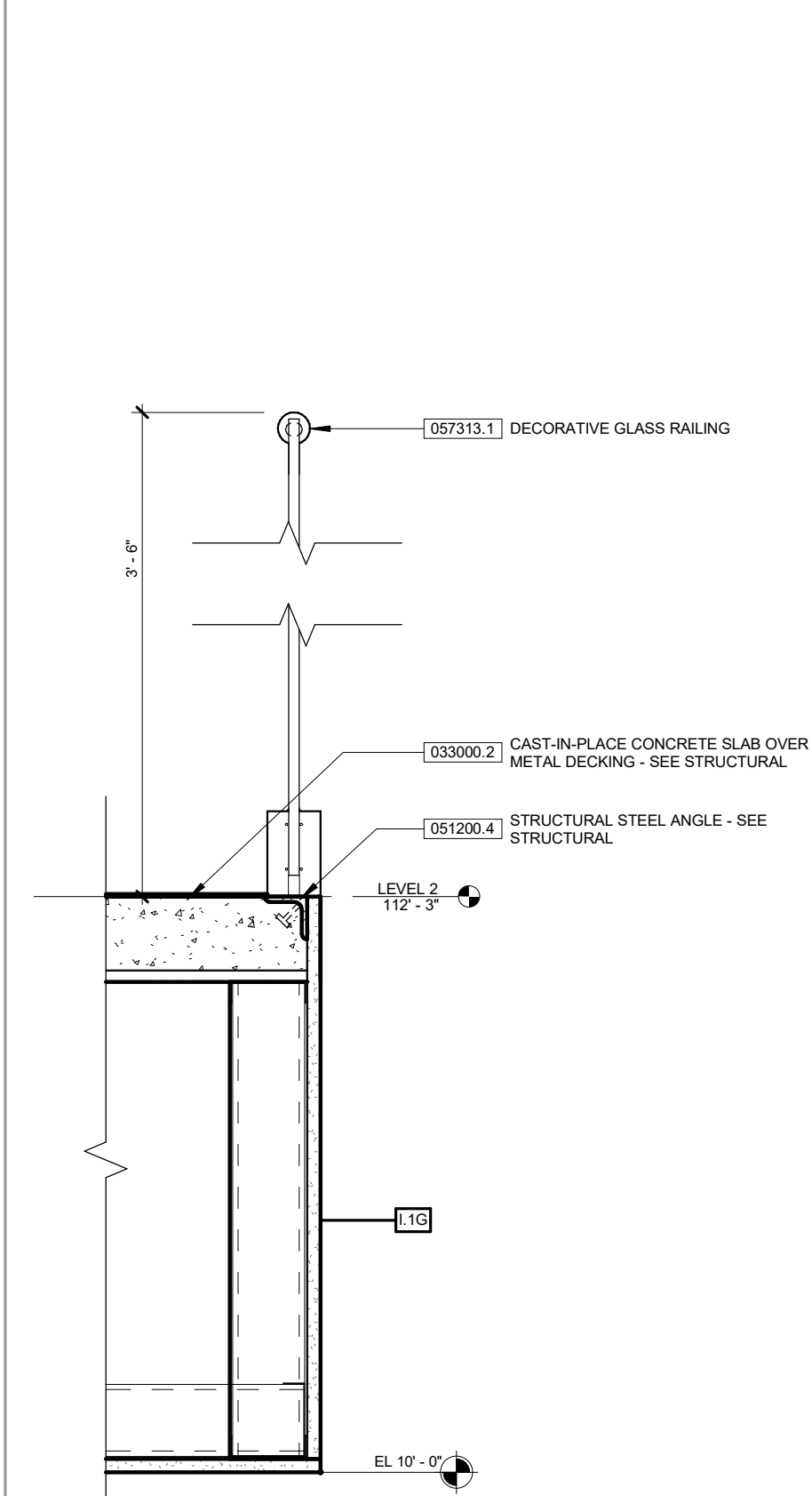
6 ELEVATOR SECTION
SCALE: 1/4" = 1'-0"



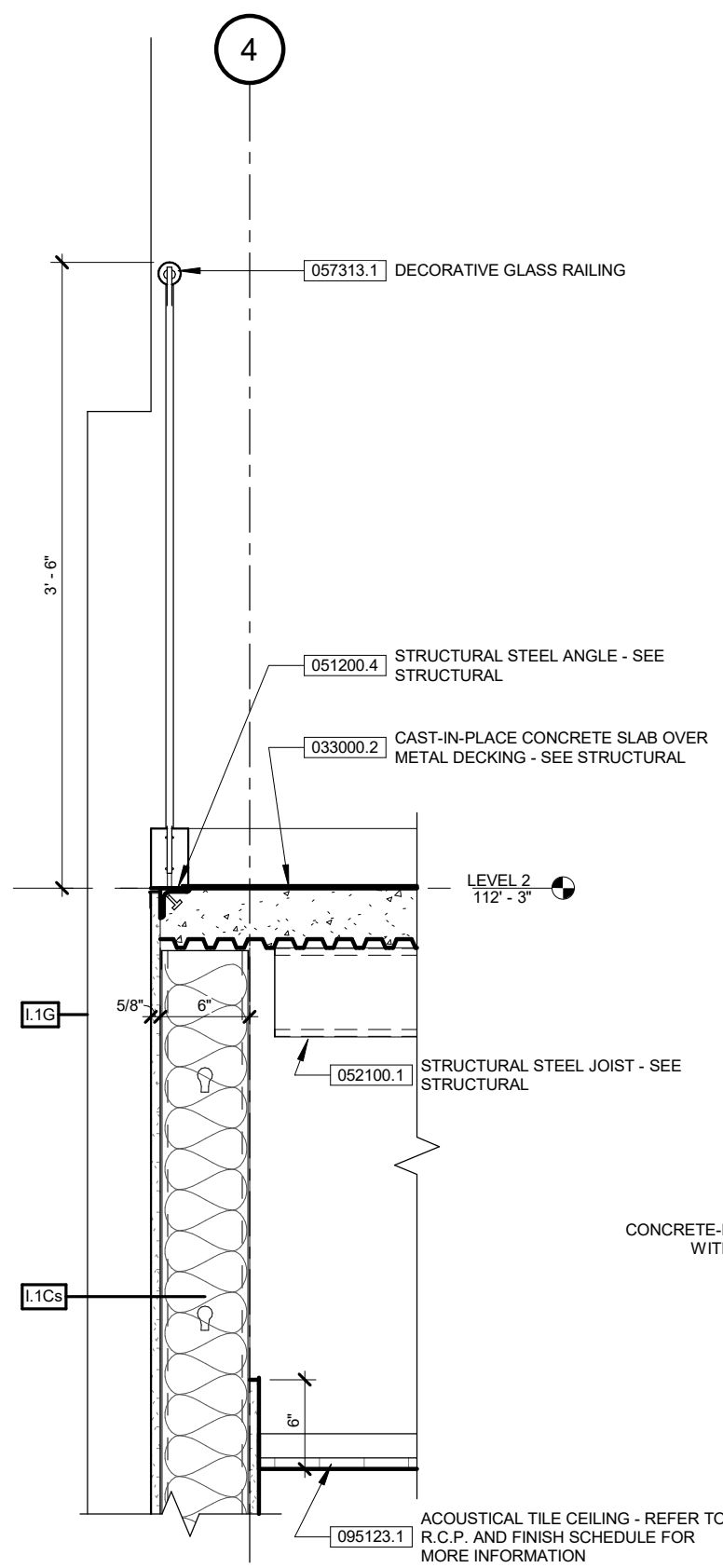
1 STAIR S-1 ENLARGED PLAN - LEVEL 1
SCALE: 1/4" = 1'-0"



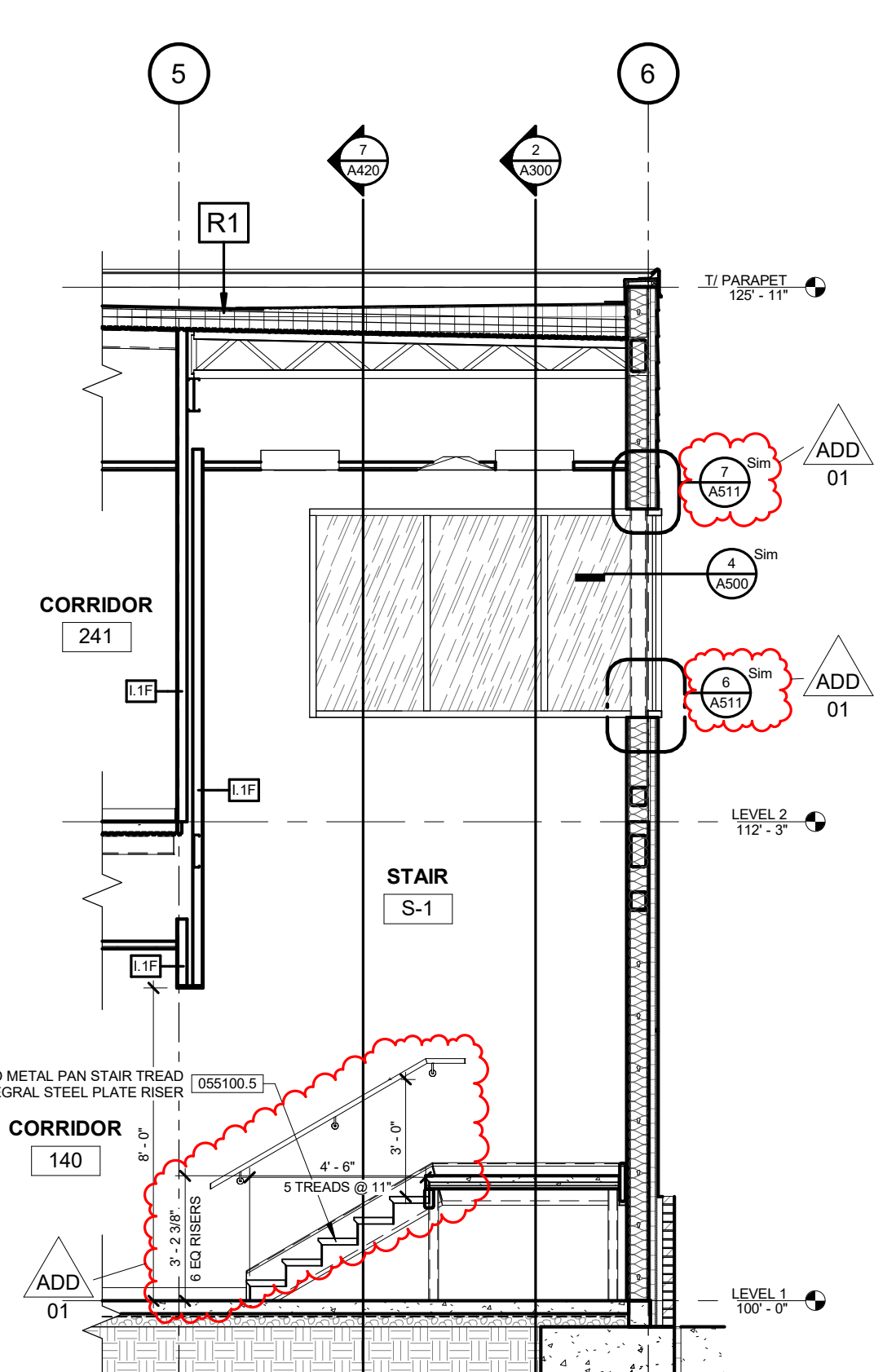
2 STAIR S-1 ENLARGED PLAN - LEVEL 2
SCALE: 1/4" = 1'-0"



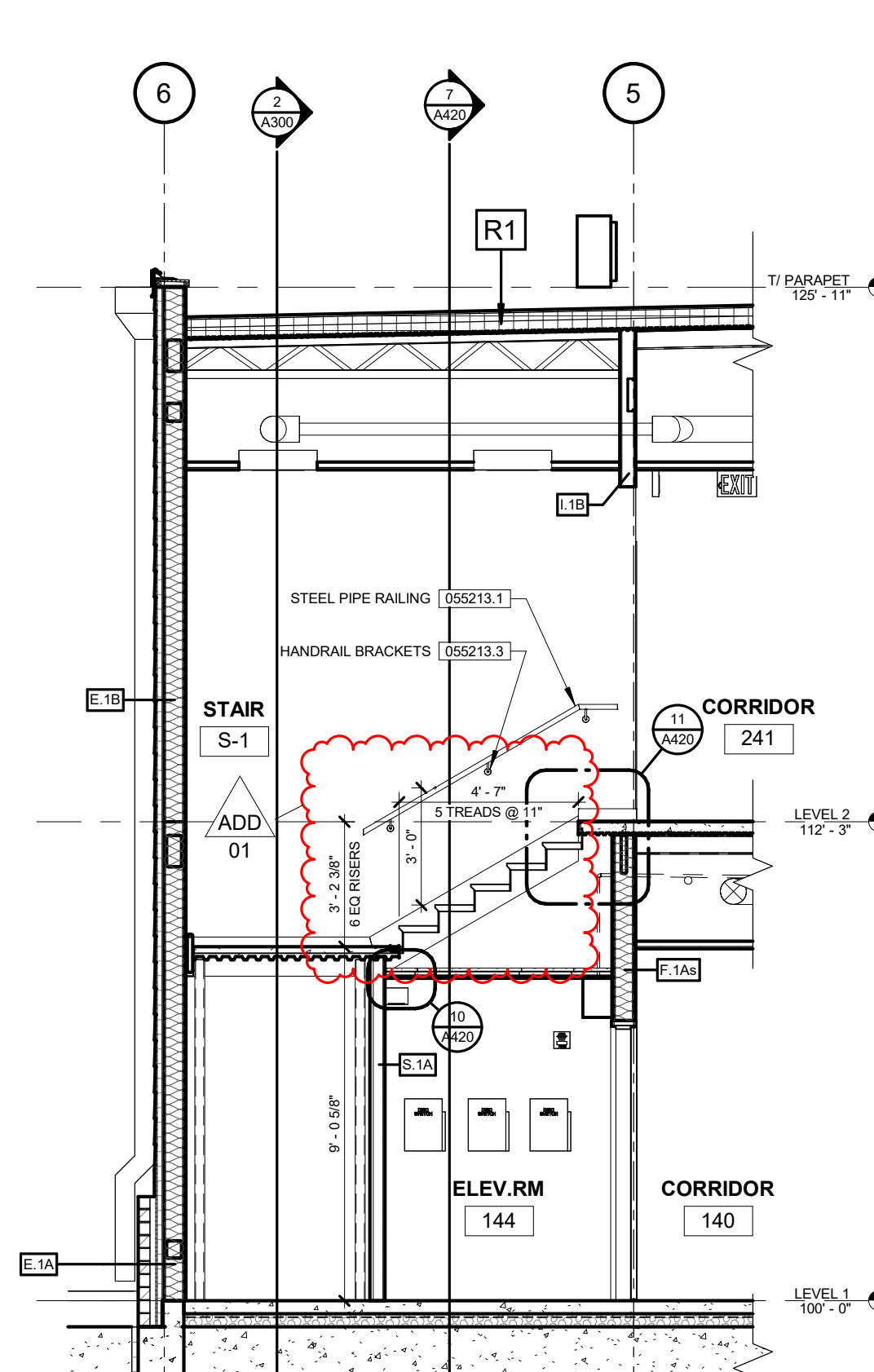
9 WEST RAILING SECTION
SCALE: 1 1/2" = 1'-0"



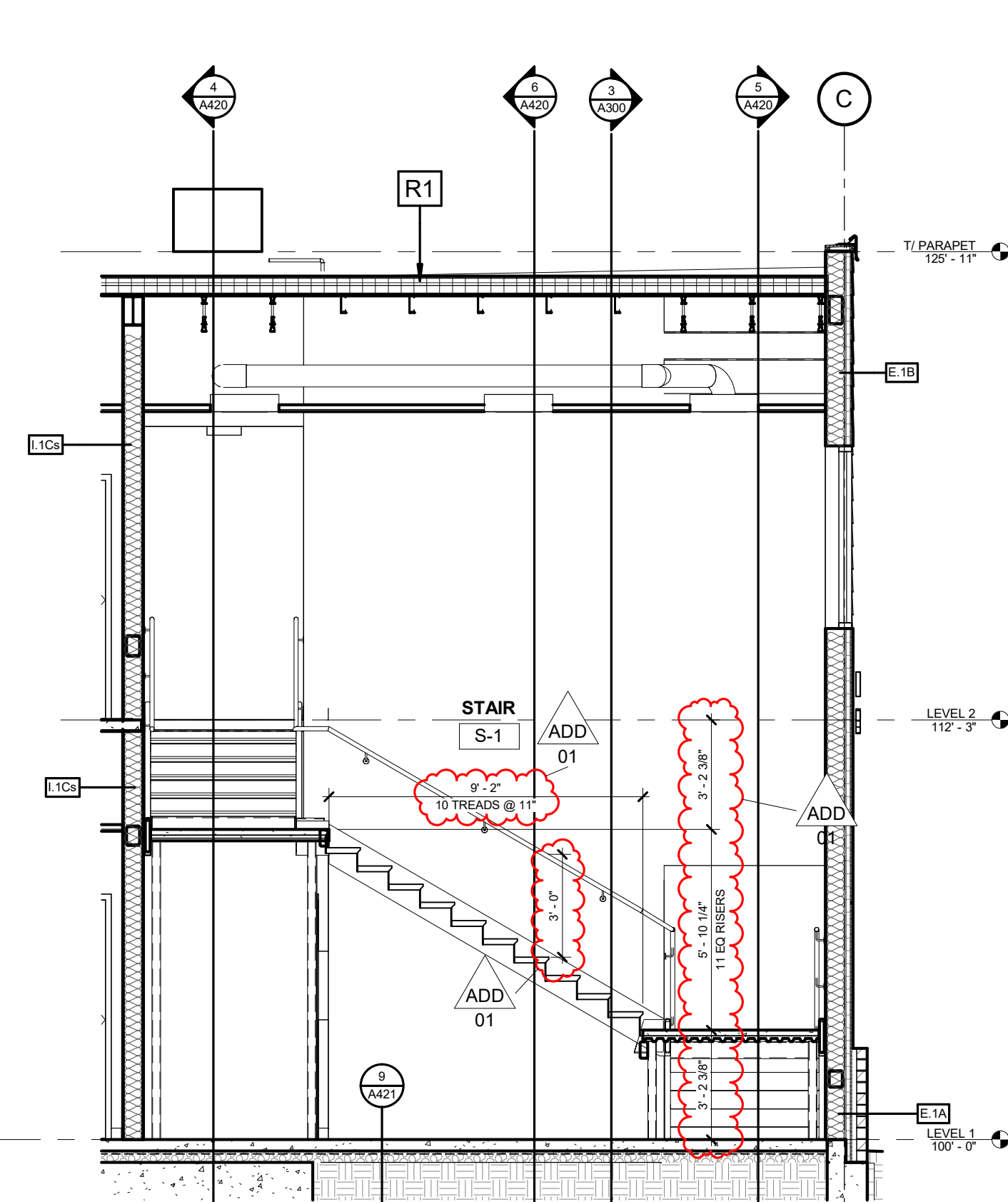
8 SOUTH RAILING SECTION
SCALE: 1" = 1'-0"



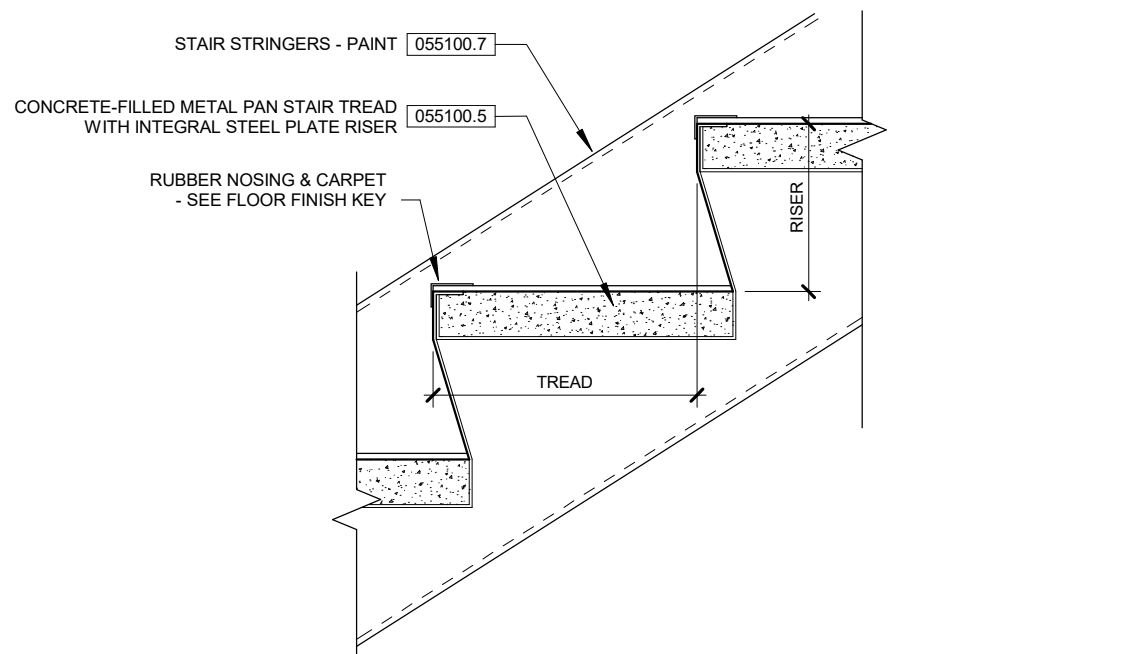
5 STAIR S-1 SECTION 3
SCALE: 1/4" = 1'-0"



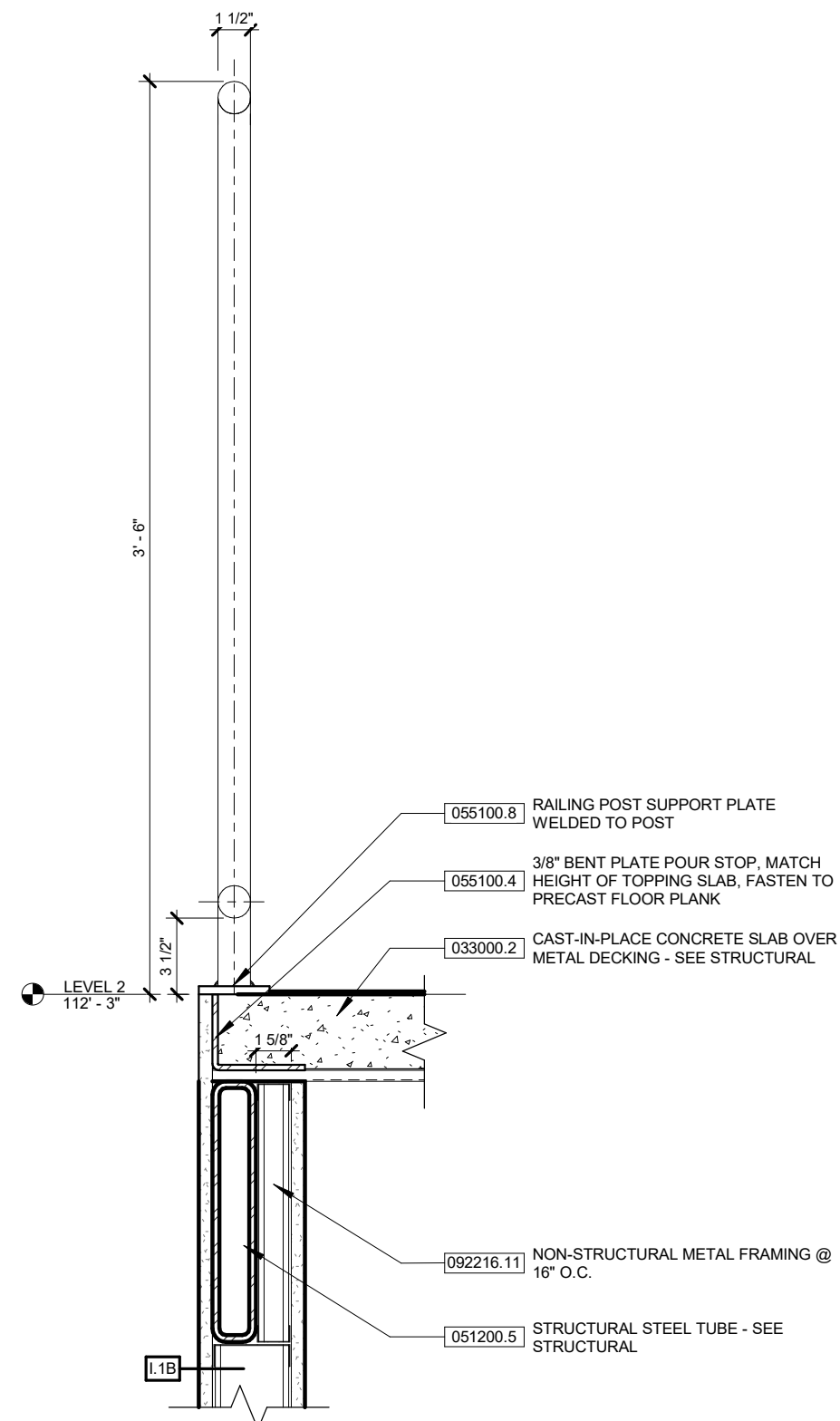
4 STAIR S-1 SECTION 2
SCALE: 1/4" = 1'-0"



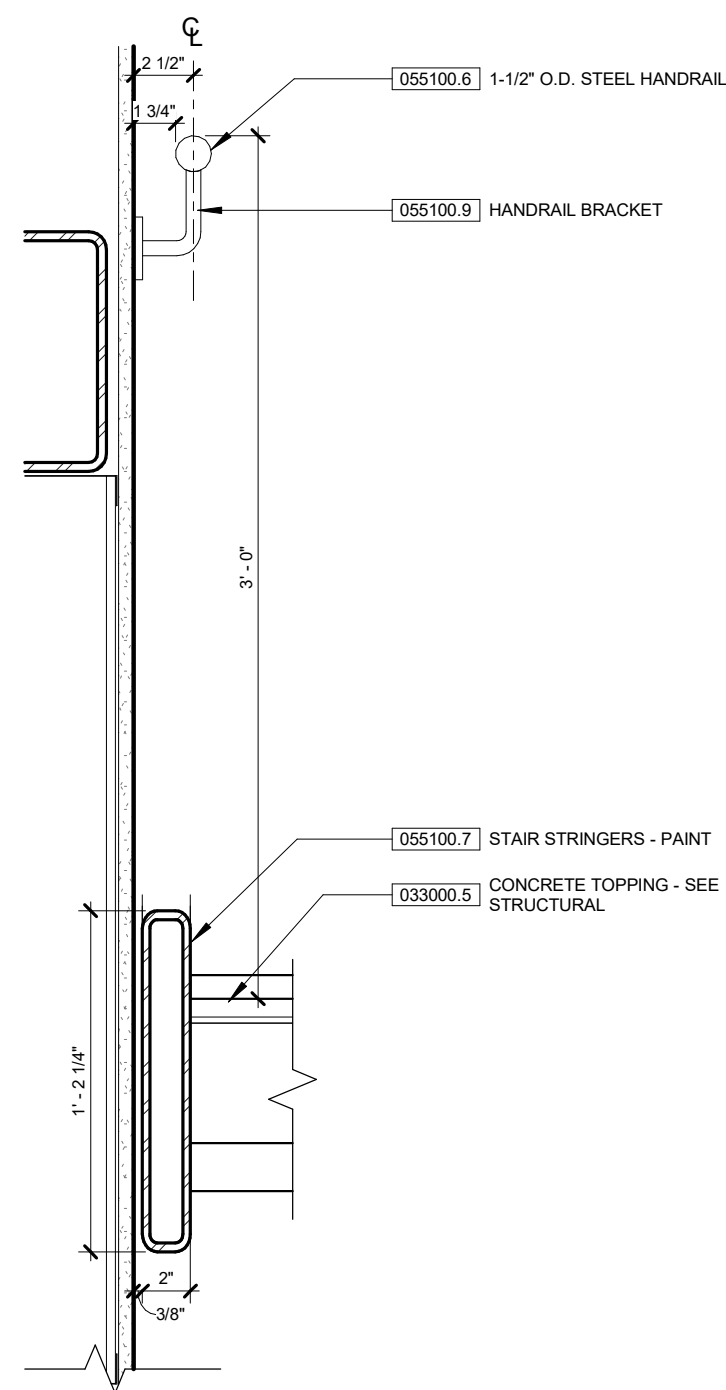
3 STAIR S-1 SECTION
SCALE: 1/4" = 1'-0"



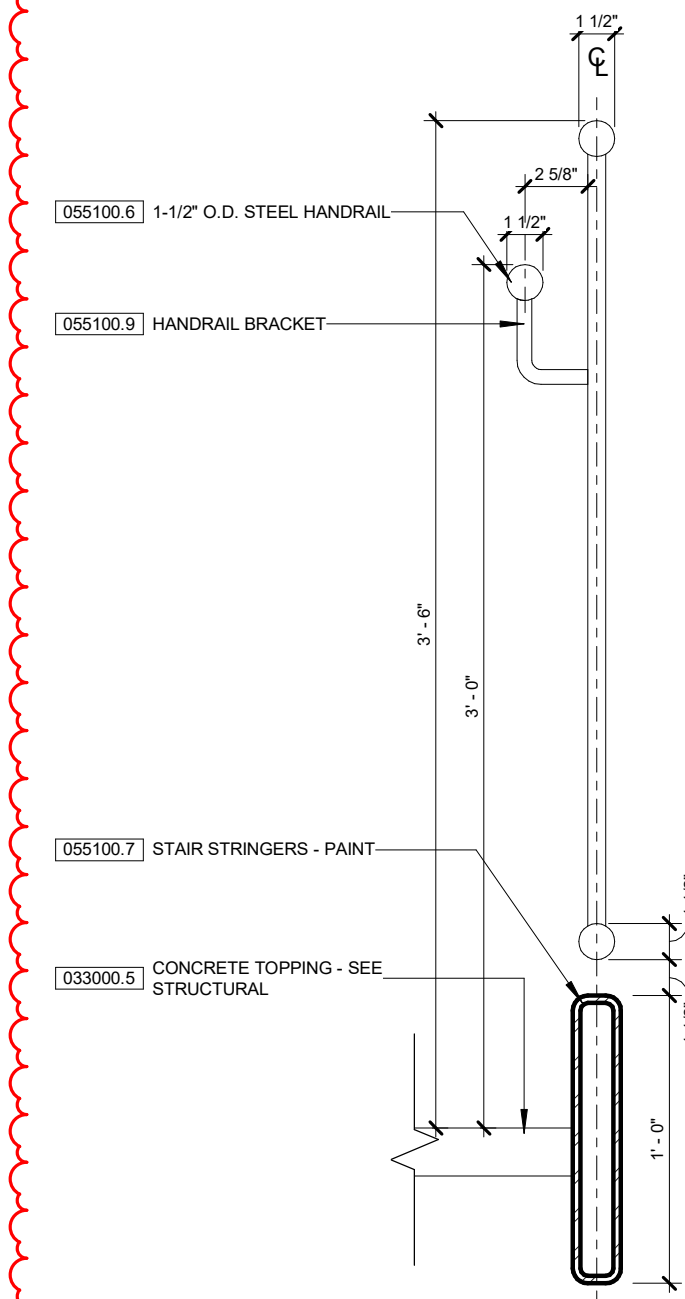
6 STAIR 2 TREAD/RISER DETAIL
SCALE: 1 1/2" = 1'-0"



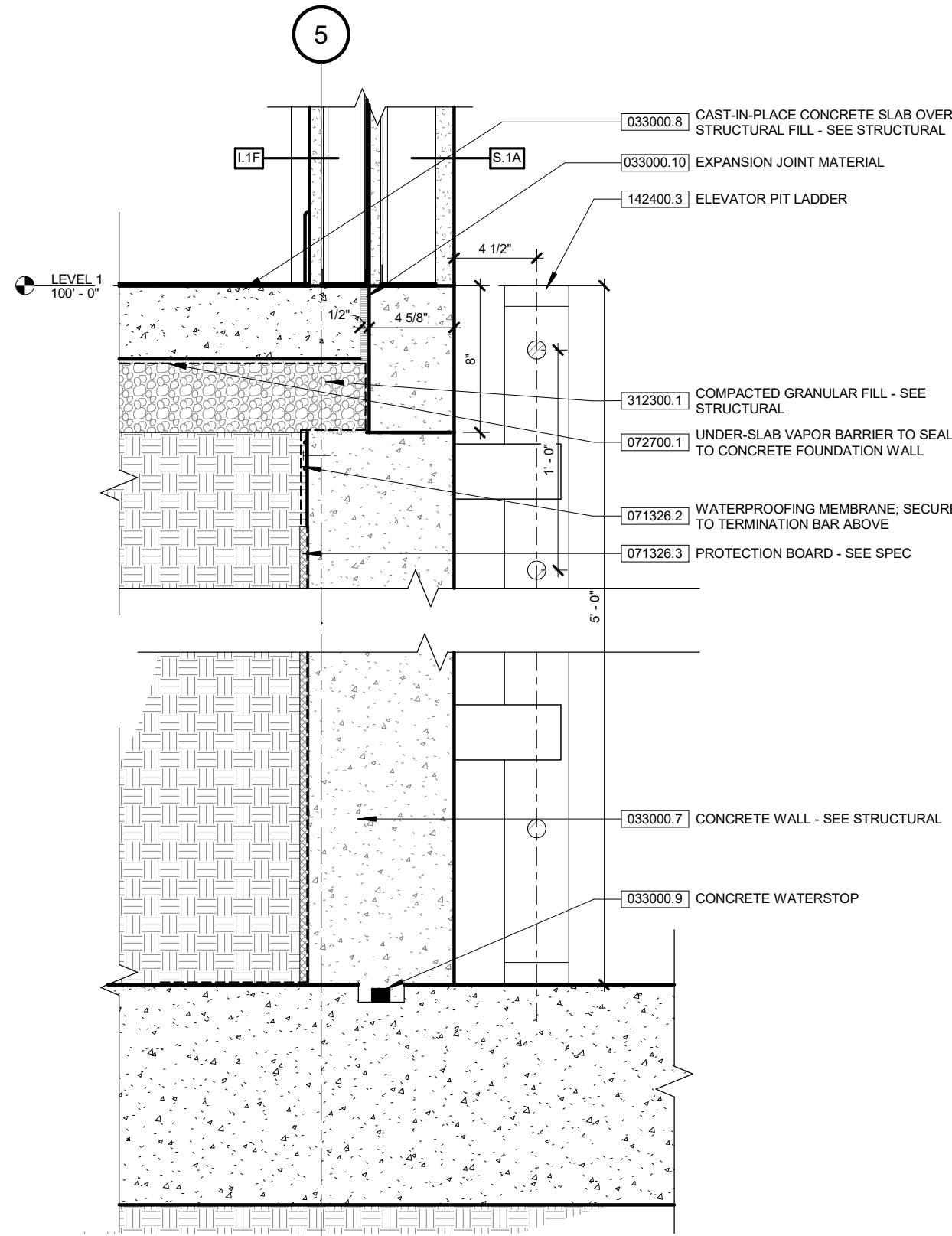
8 GUARDRAIL DETAIL
SCALE: 1 1/2" = 1'-0"



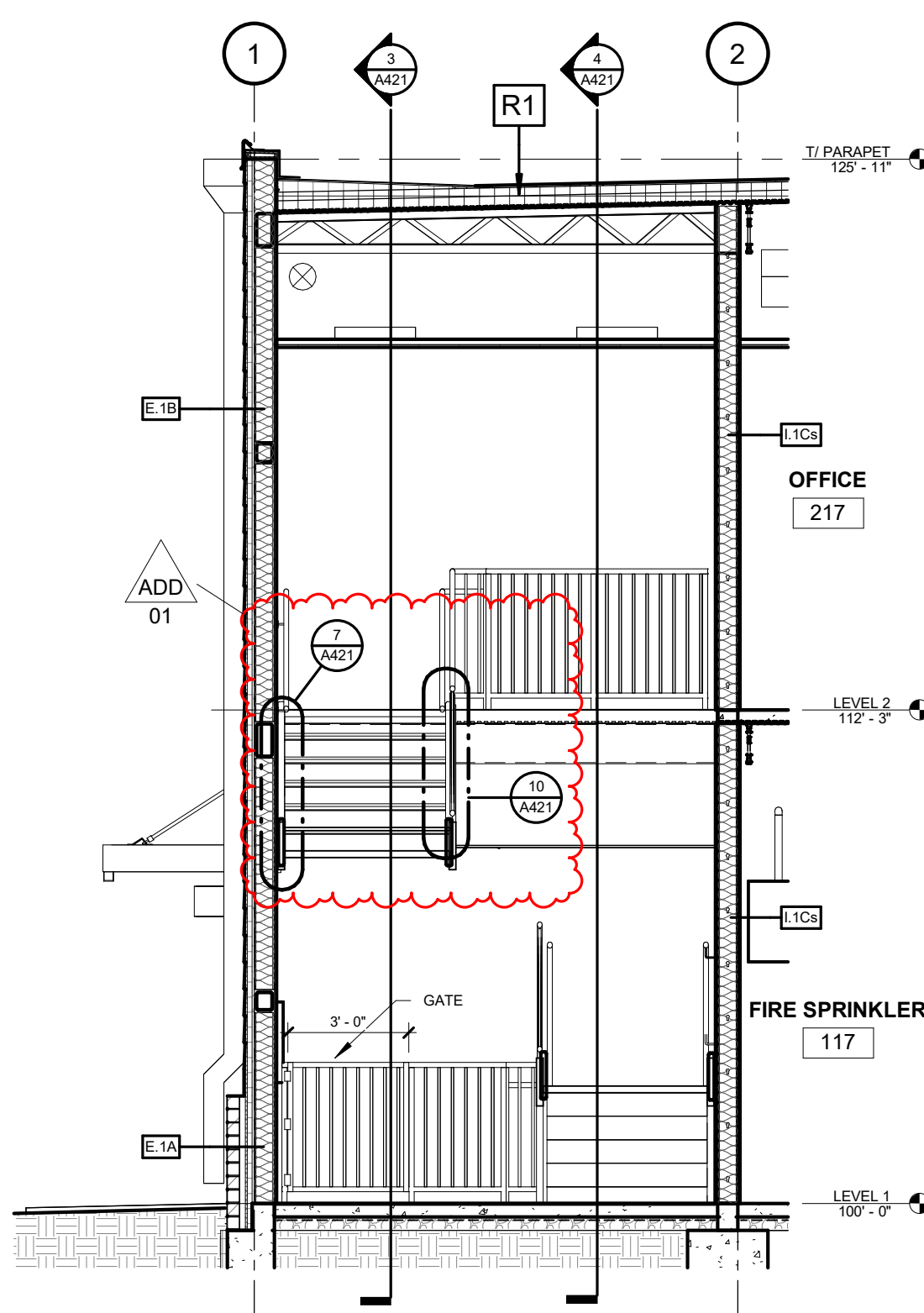
7 RAILING/ WALL DETAIL
SCALE: 1 1/2" = 1'-0"



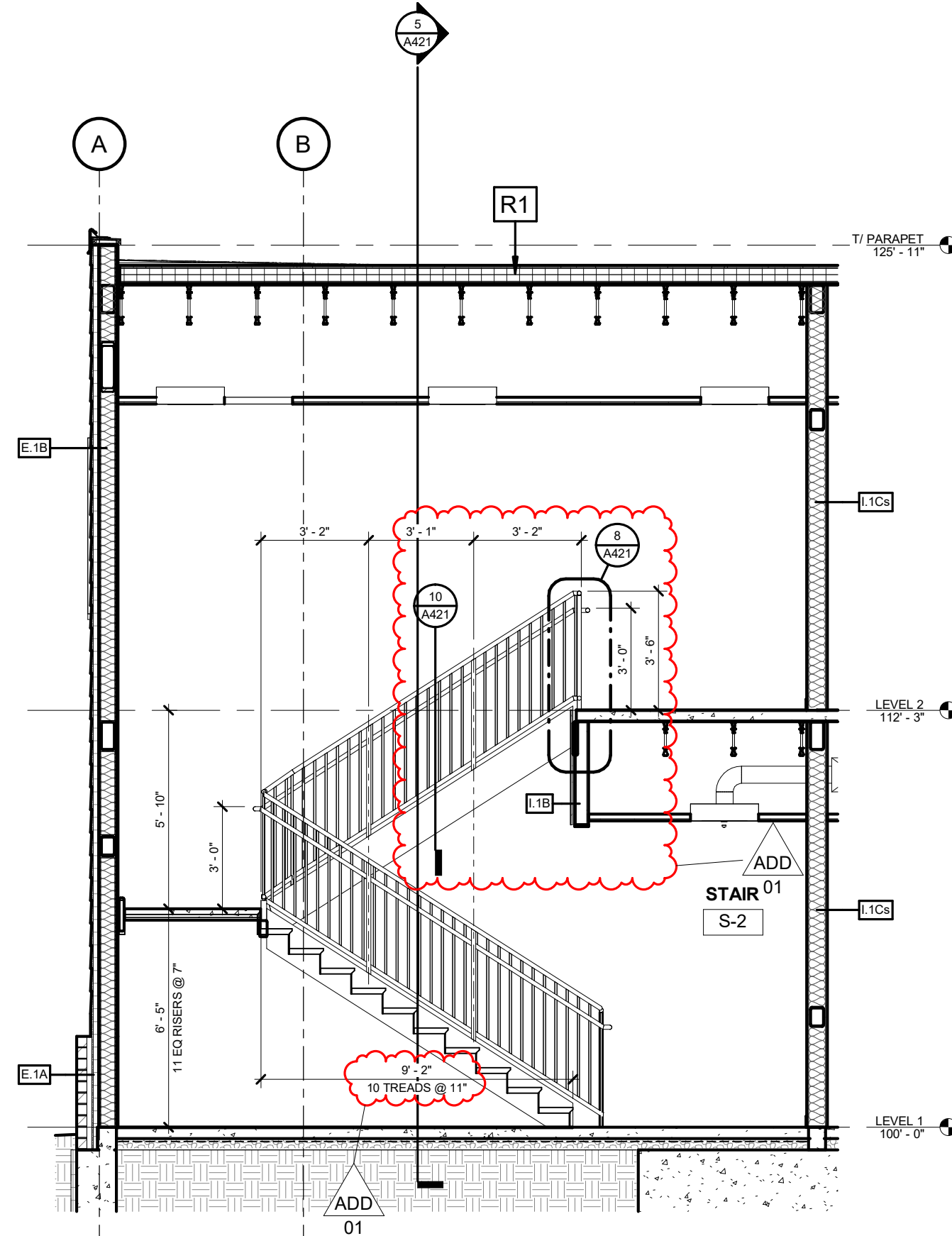
10 TYP. CENTER RAILING
SCALE: 1 1/2" = 1'-0"



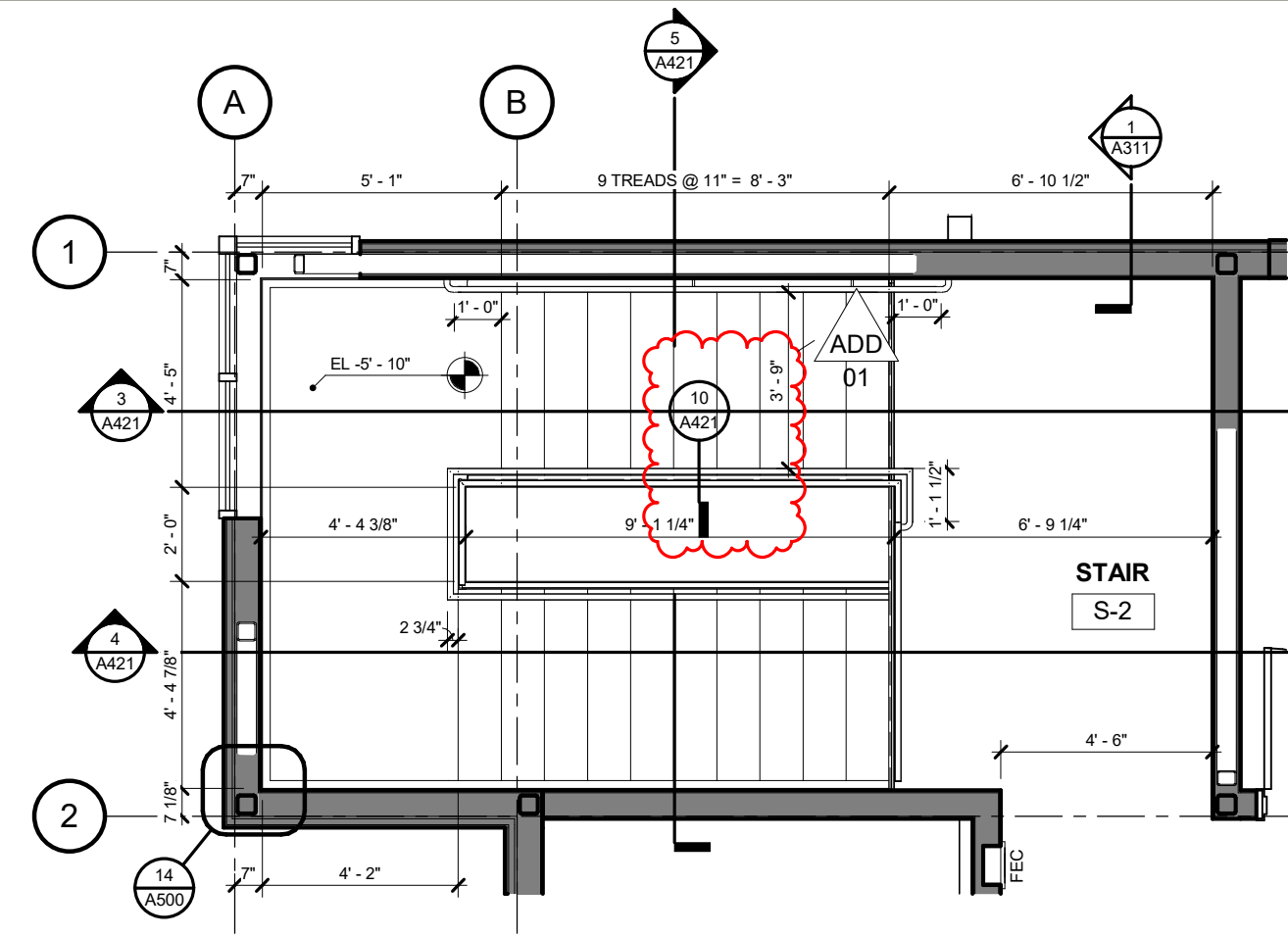
9 PIT LADDER DETAIL
SCALE: 1 1/2" = 1'-0"



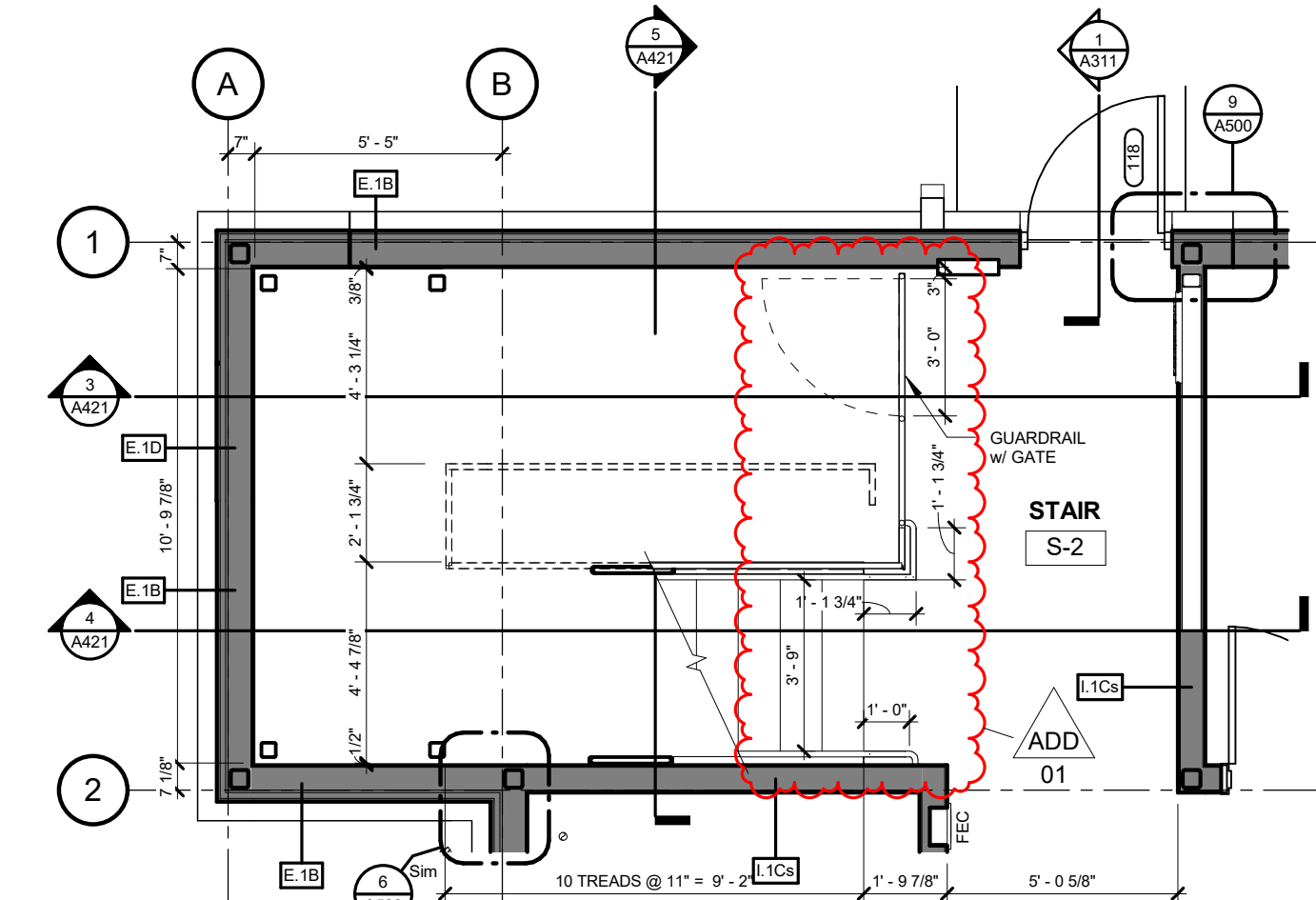
5 STAIR S-2 SECTION 3
SCALE: 1/4" = 1'-0"



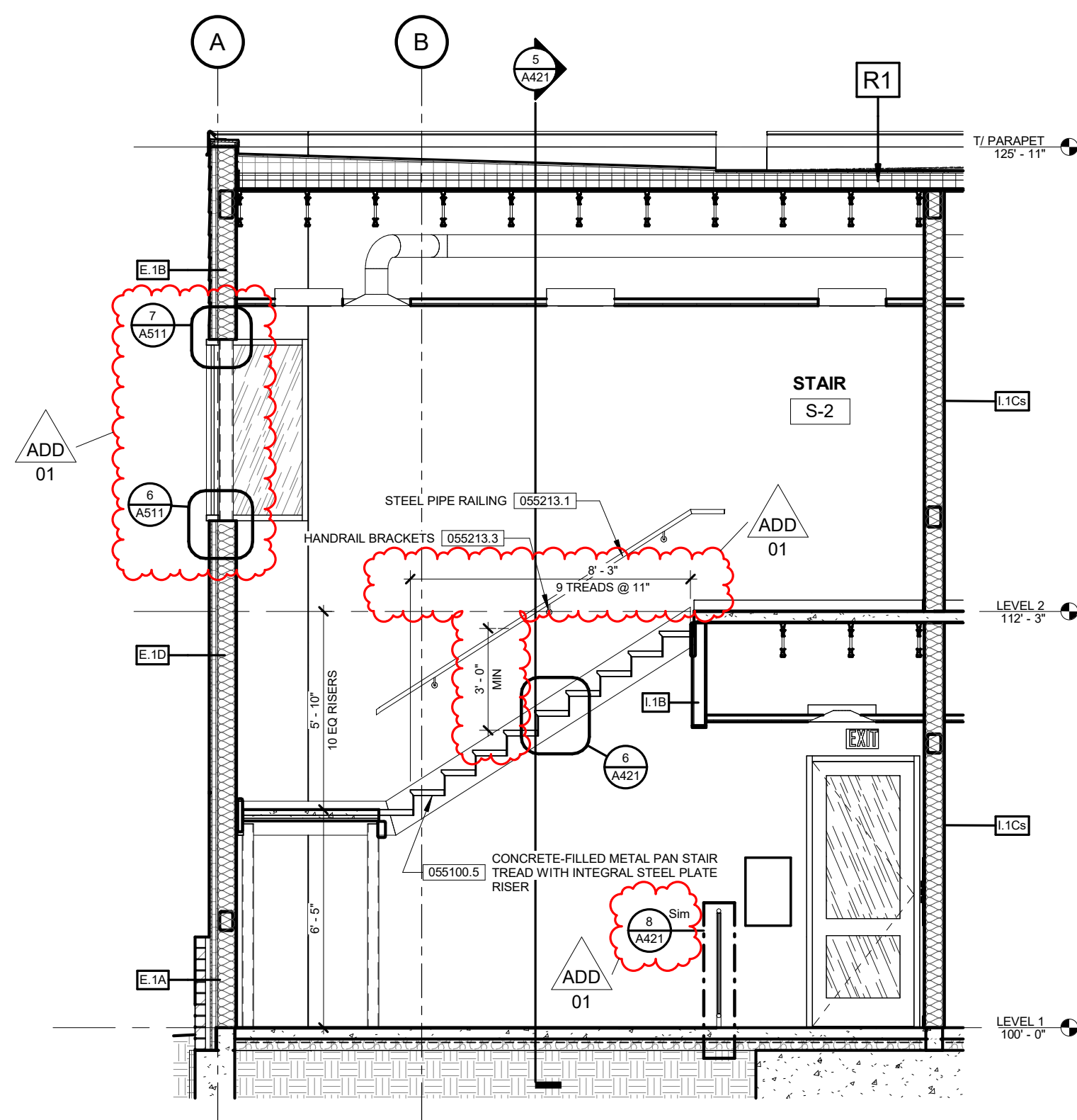
4 STAIR S-2 SECTION 2
SCALE: 1/4" = 1'-0"



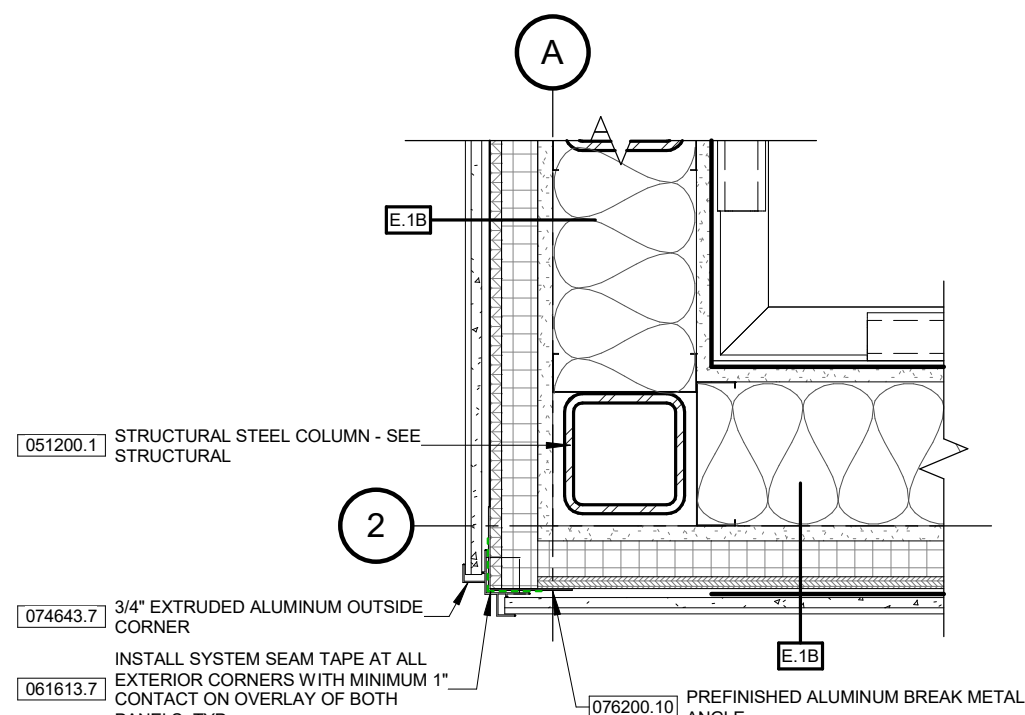
1 STAIR S-2 ENLARGED PLAN - LEVEL 2
SCALE: 1/4" = 1'-0"



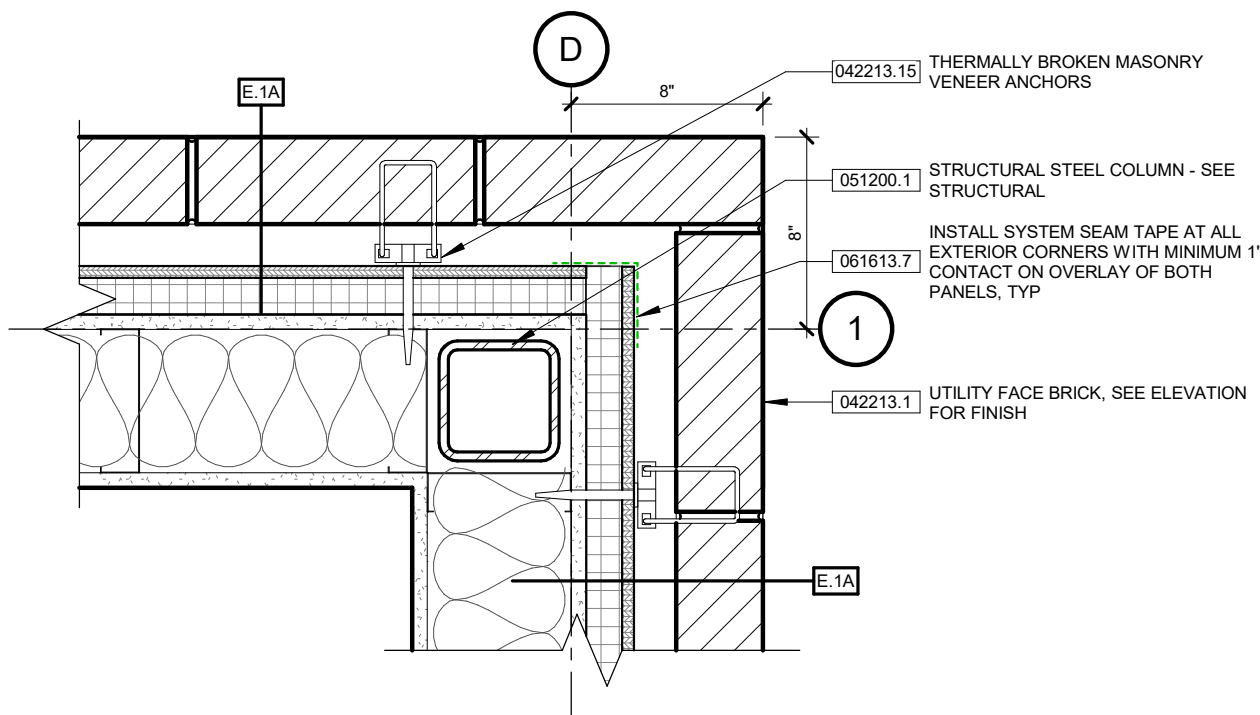
2 STAIR S-2 ENLARGED PLAN - LEVEL 1
SCALE: 1/4" = 1'-0"



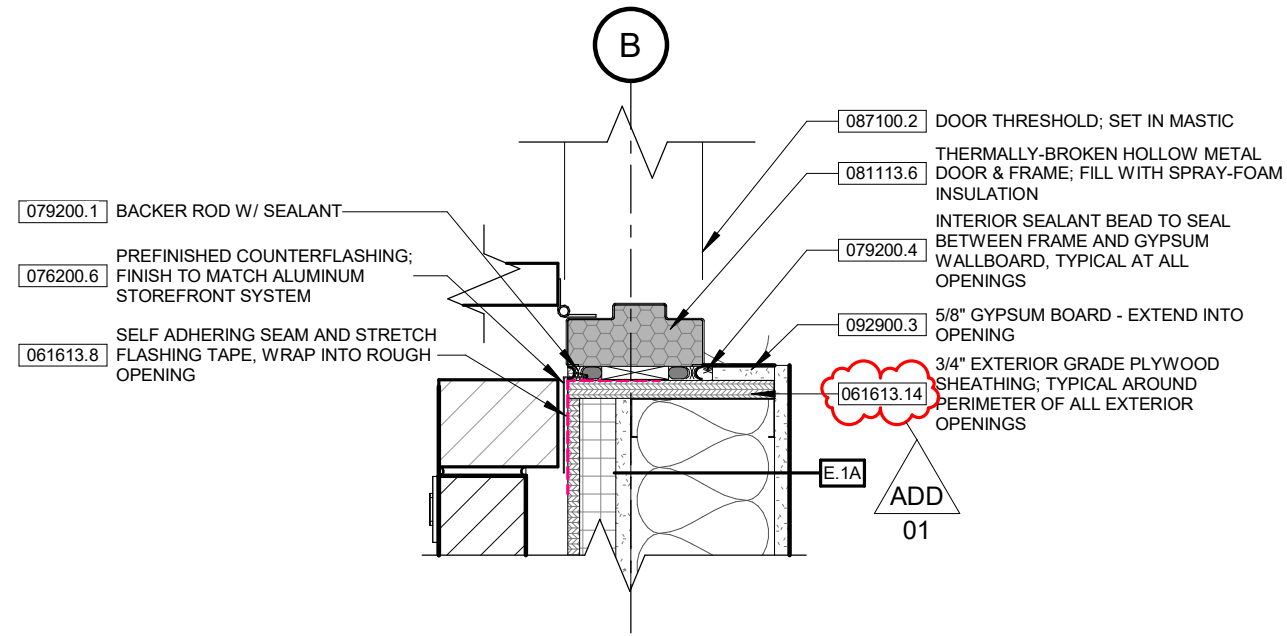
3 STAIR S-2 SECTION
SCALE: 1/4" = 1'-0"



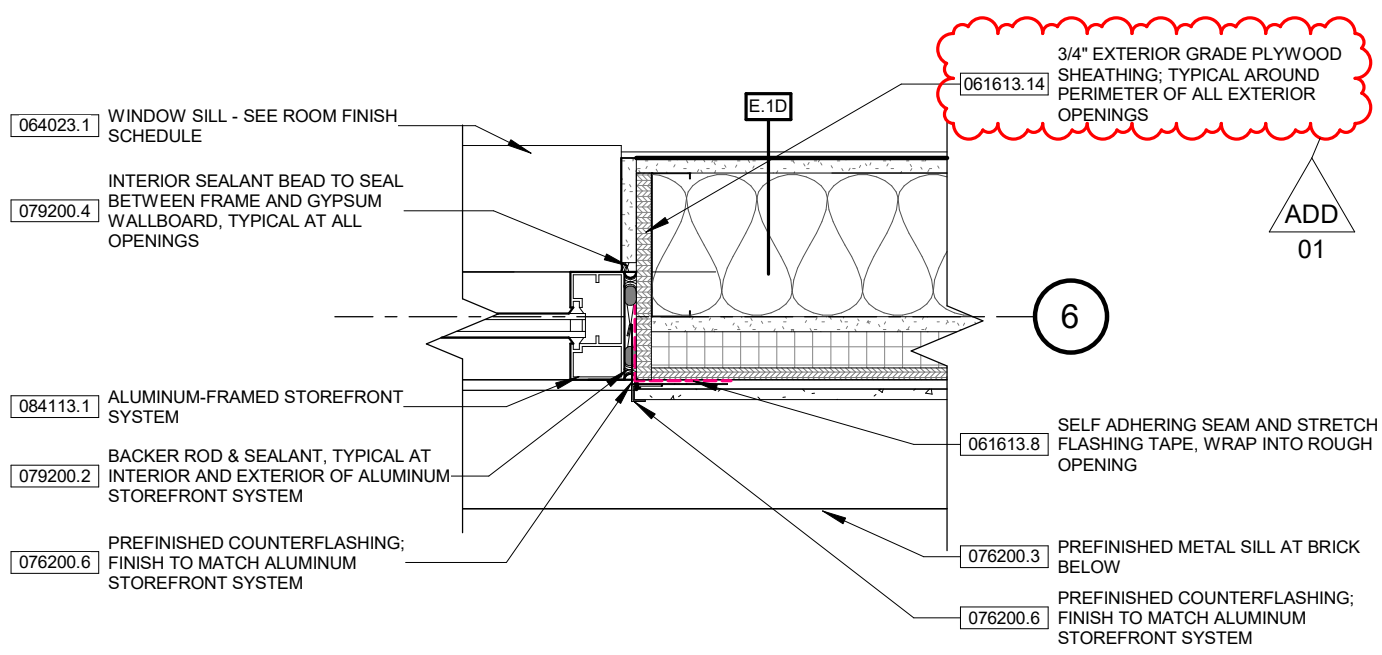
14 OUTSIDE CONER DETAIL - LP SIDING
SCALE: 1 1/2" = 1'-0"



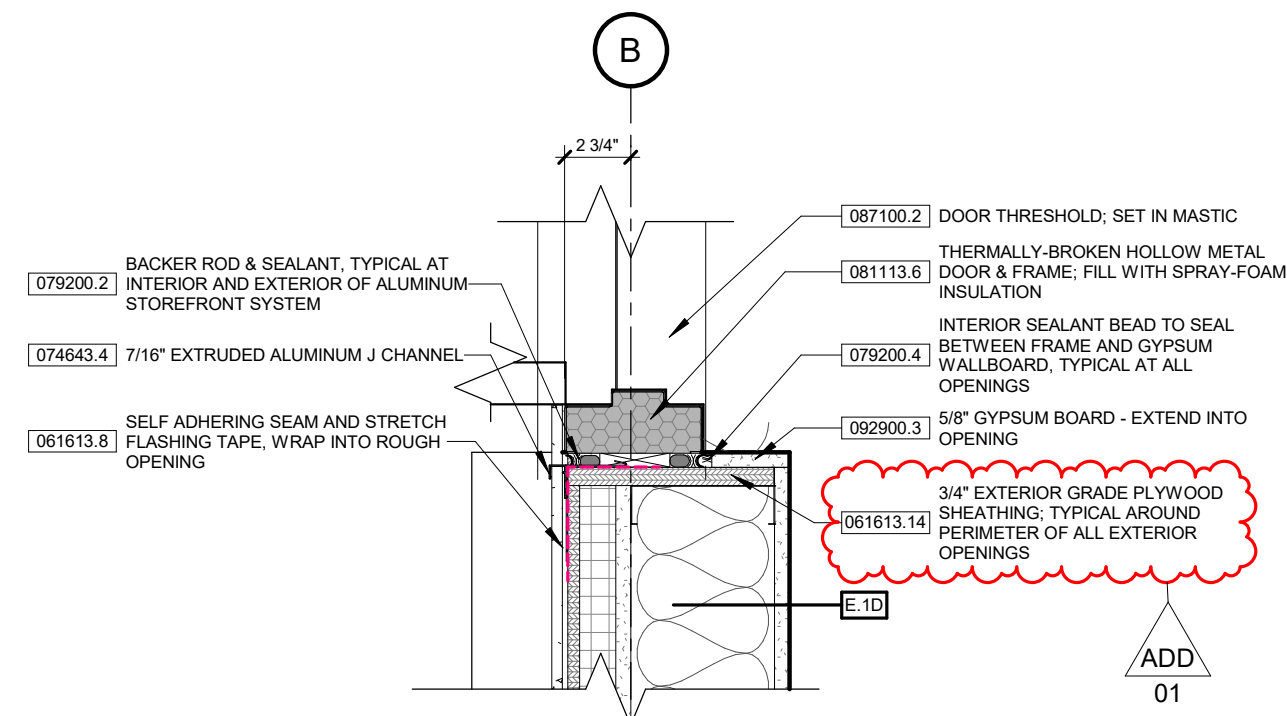
13 OUTSIDE CORNER DETAIL - BRICK
SCALE: 1 1/2" = 1'-0"



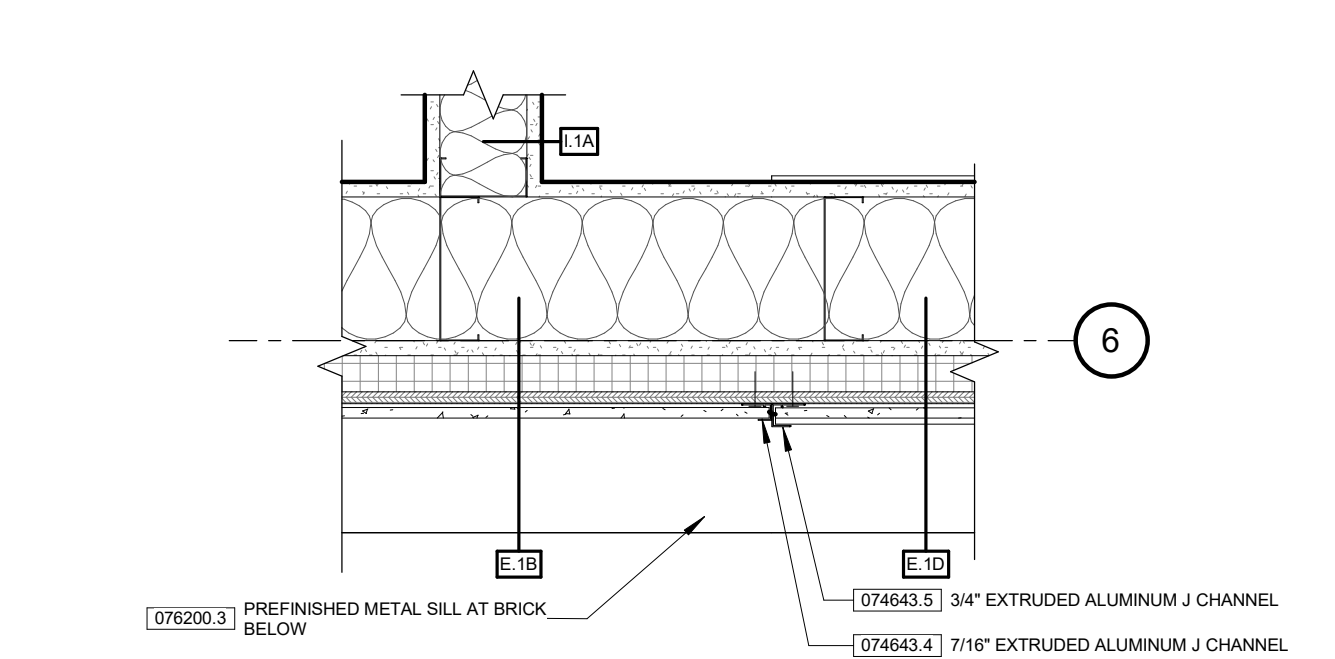
12 HM DOOR JAMB DETAIL - BRICK PLAN
SCALE: 1 1/2" = 1'-0"



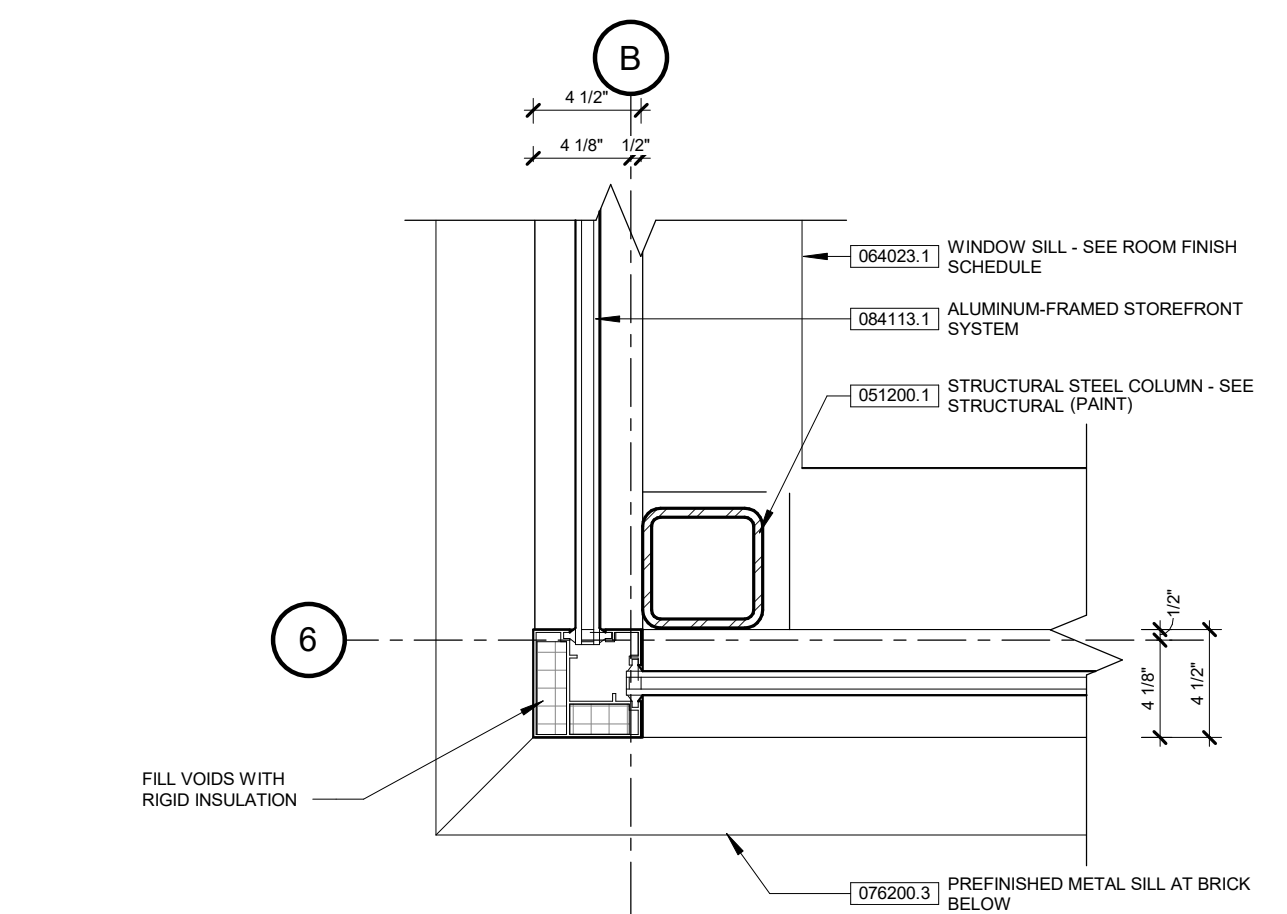
11 LP PANEL AT STOREFRONT JAMB PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



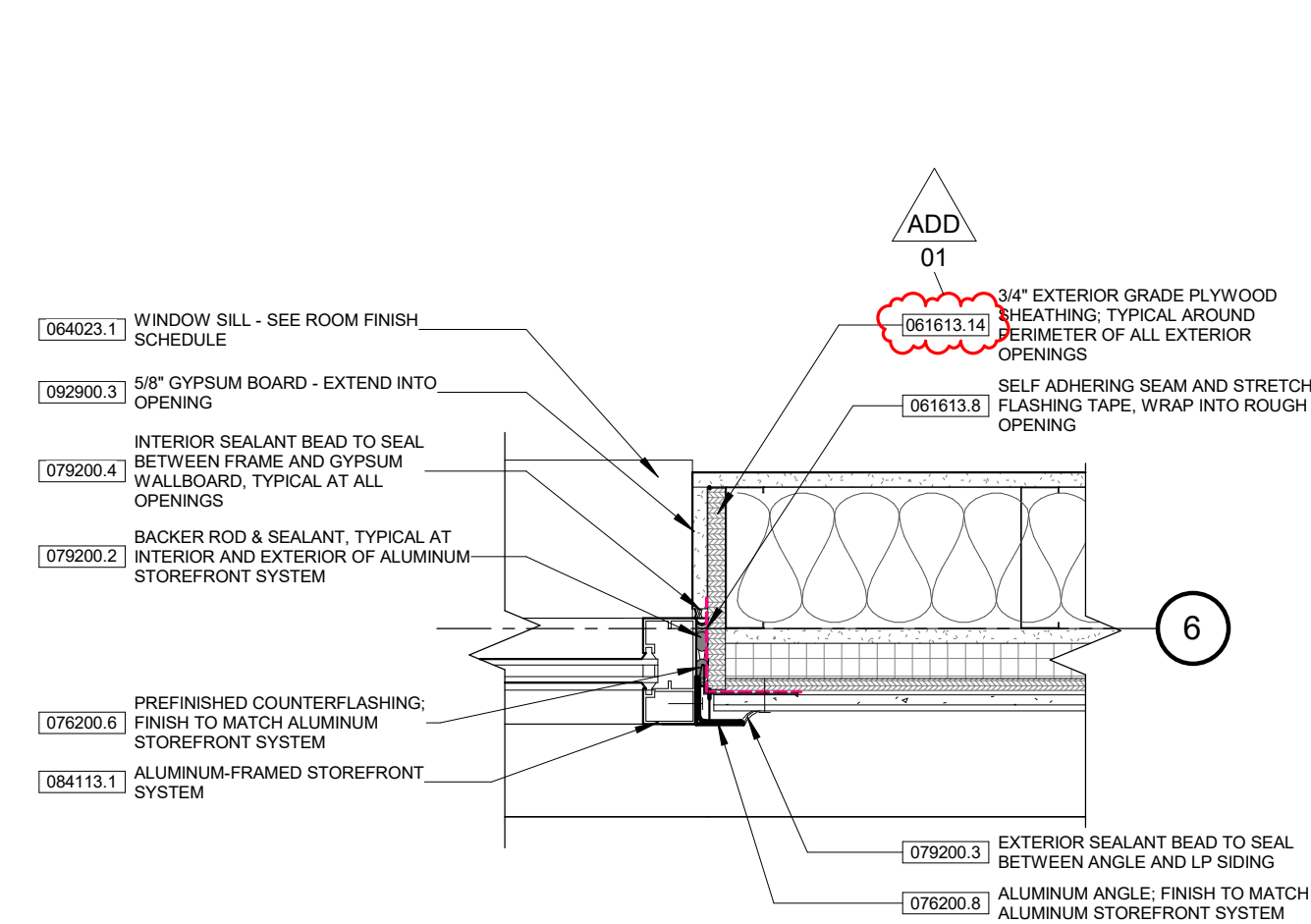
8 HM DOOR JAMB DETAIL - LP SIDING
SCALE: 1 1/2" = 1'-0"



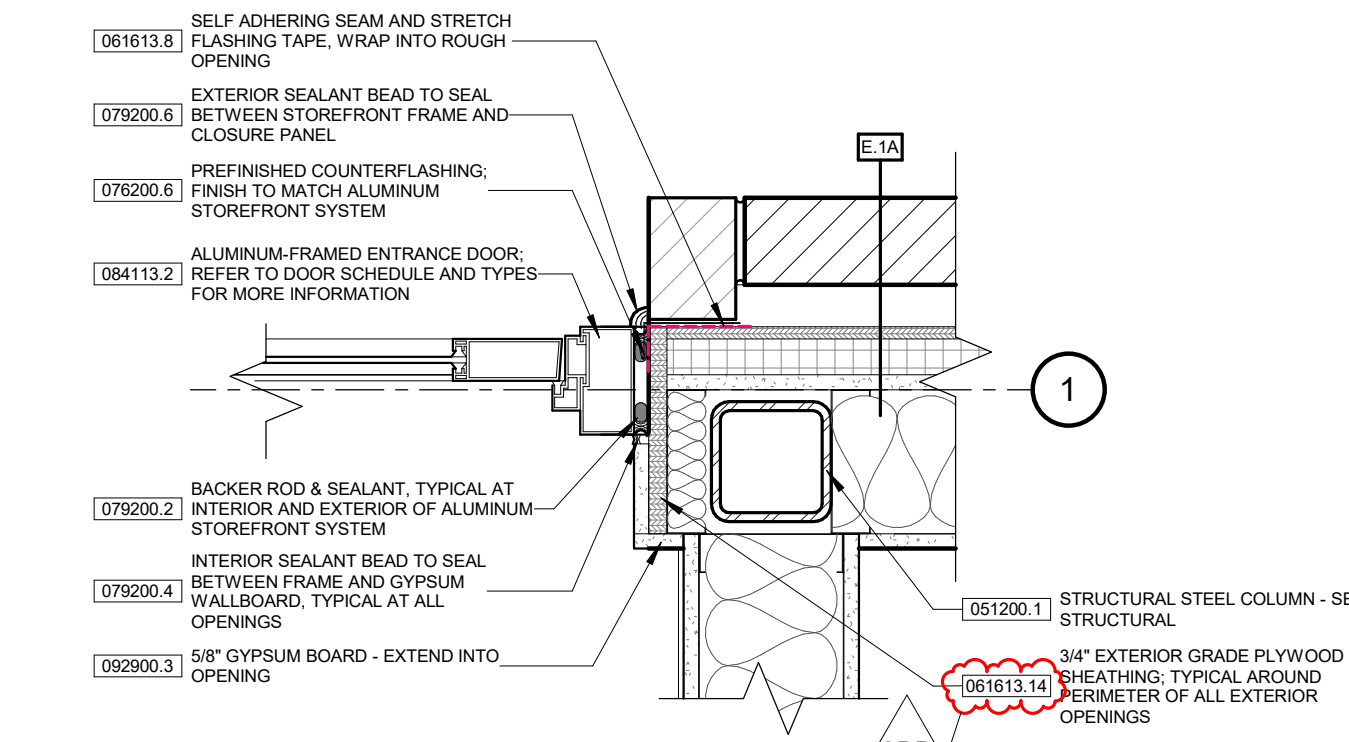
7 LP SIDING TO LP PANEL DETAIL
SCALE: 1 1/2" = 1'-0"



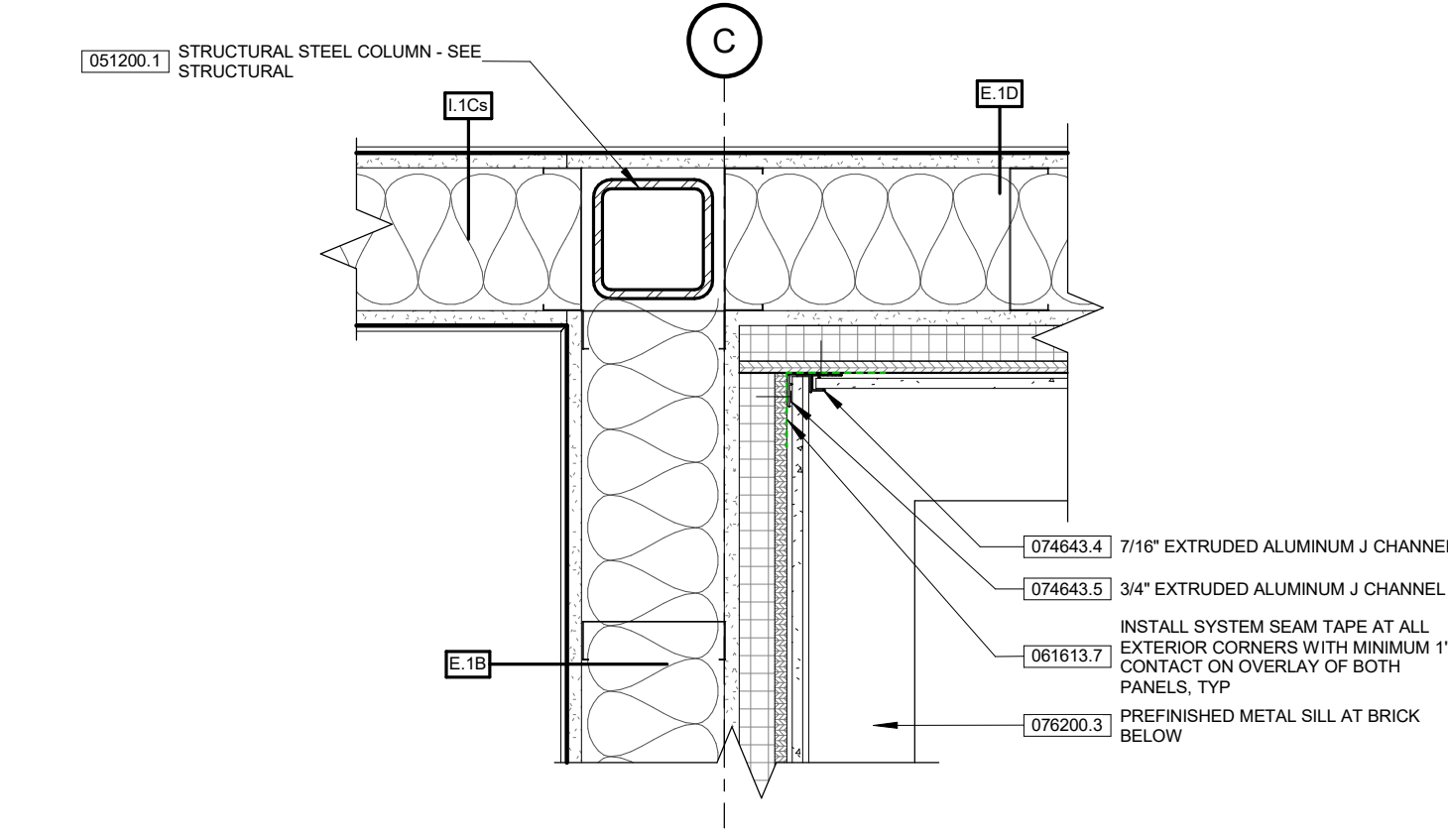
4 OUTSIDE CORNER DETAIL - STOREFRONT
SCALE: 1 1/2" = 1'-0"



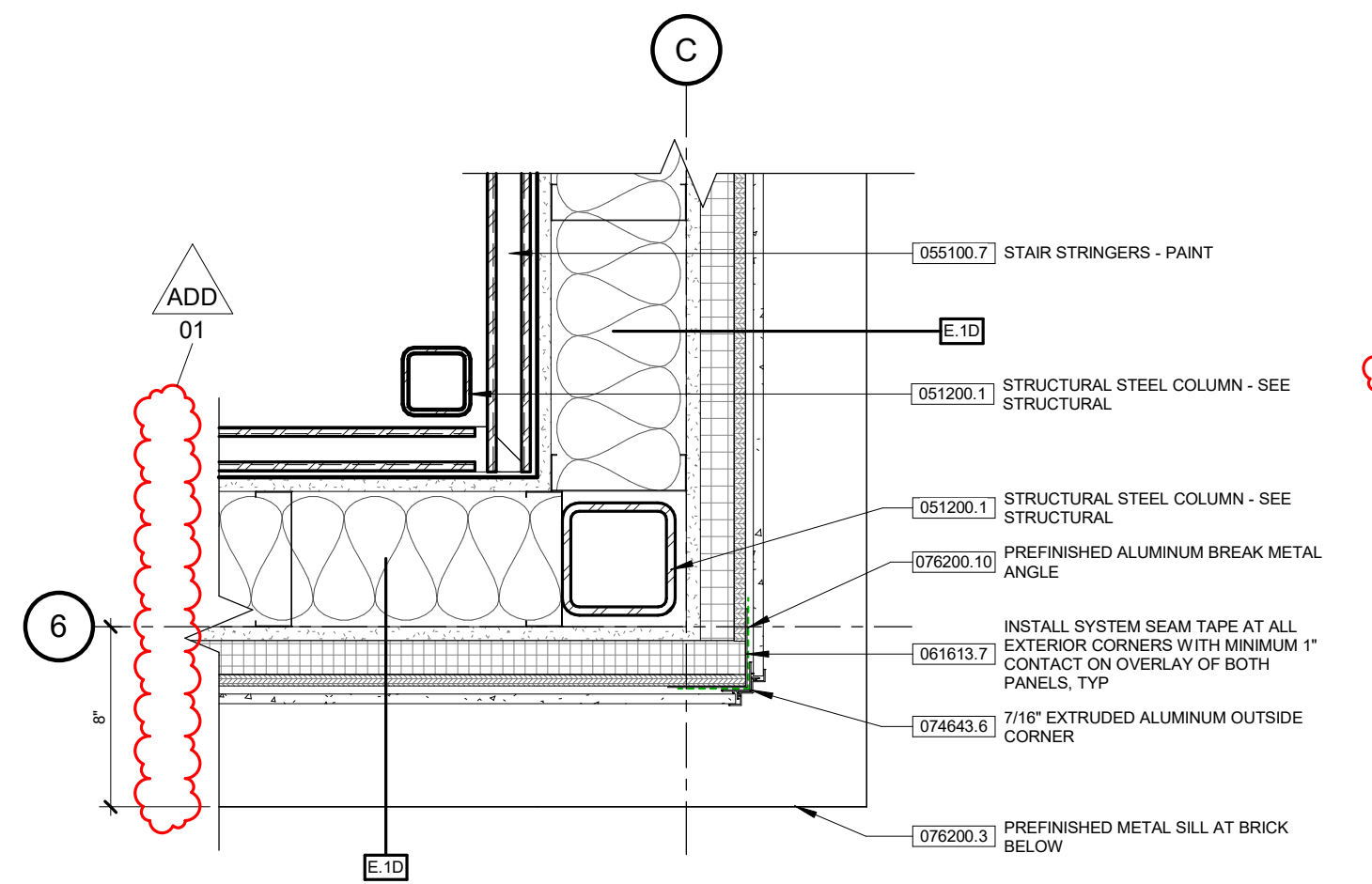
3 SF JAMB AT LP SIDING DETAIL
SCALE: 1 1/2" = 1'-0"



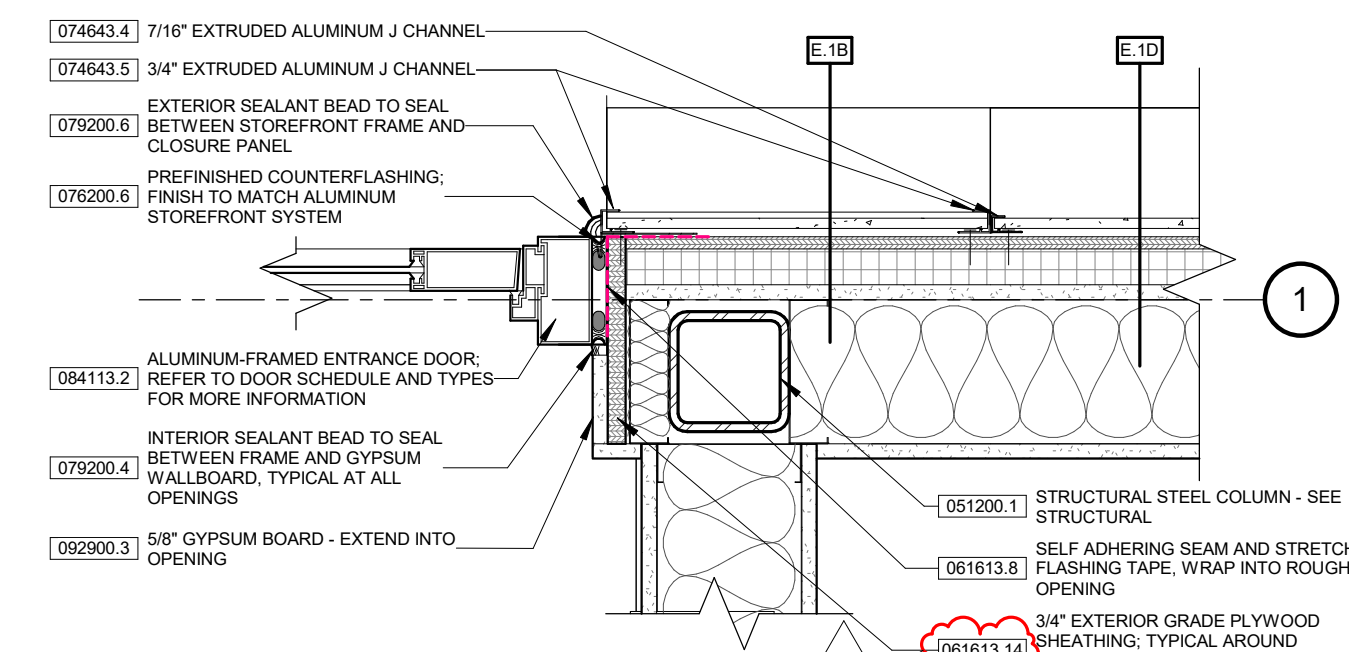
10 STOREFRONT DOOR JAMB AT BRICK PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



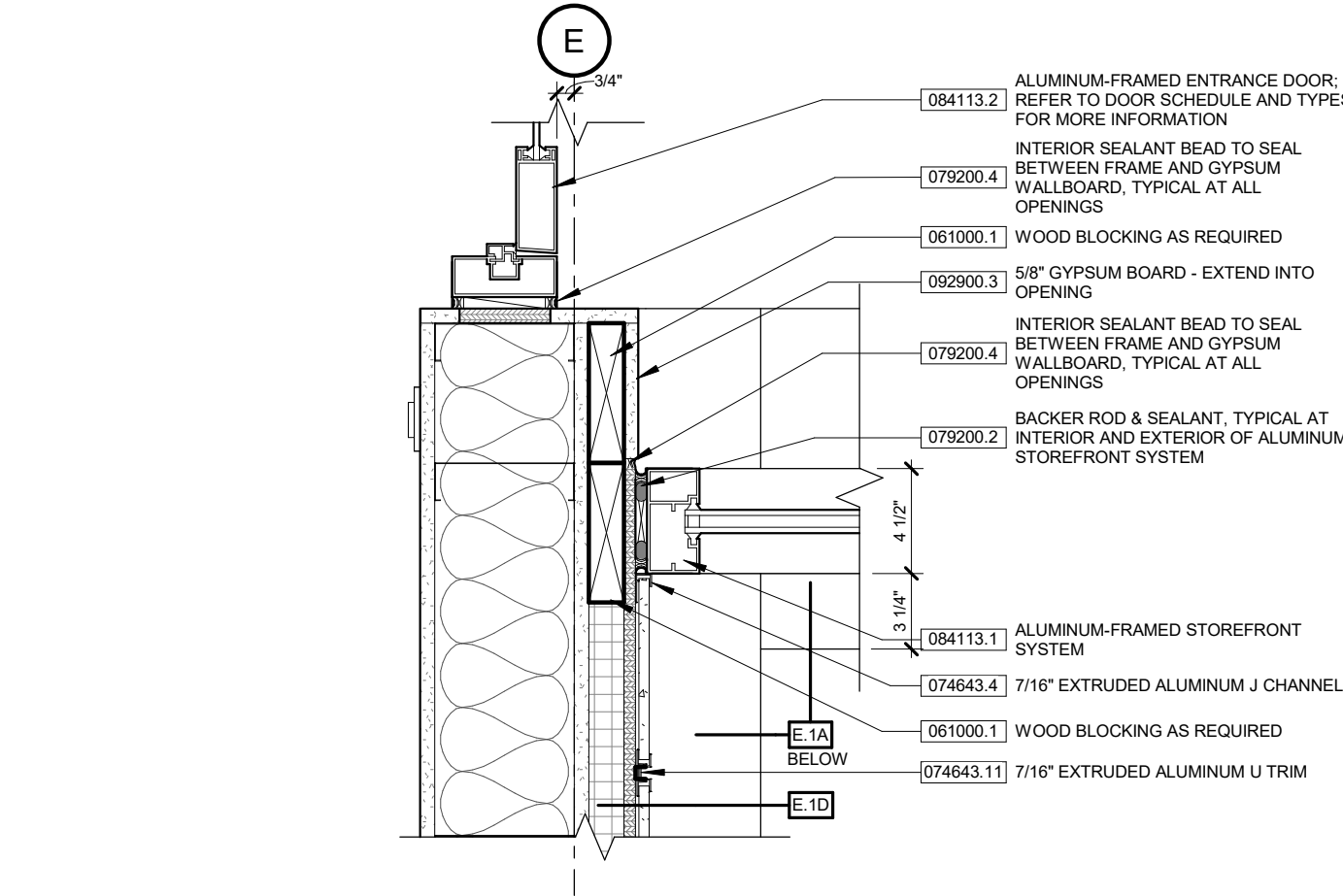
6 INSIDE CORNER DETAIL - LP PANEL TO LP SIDING
SCALE: 1 1/2" = 1'-0"



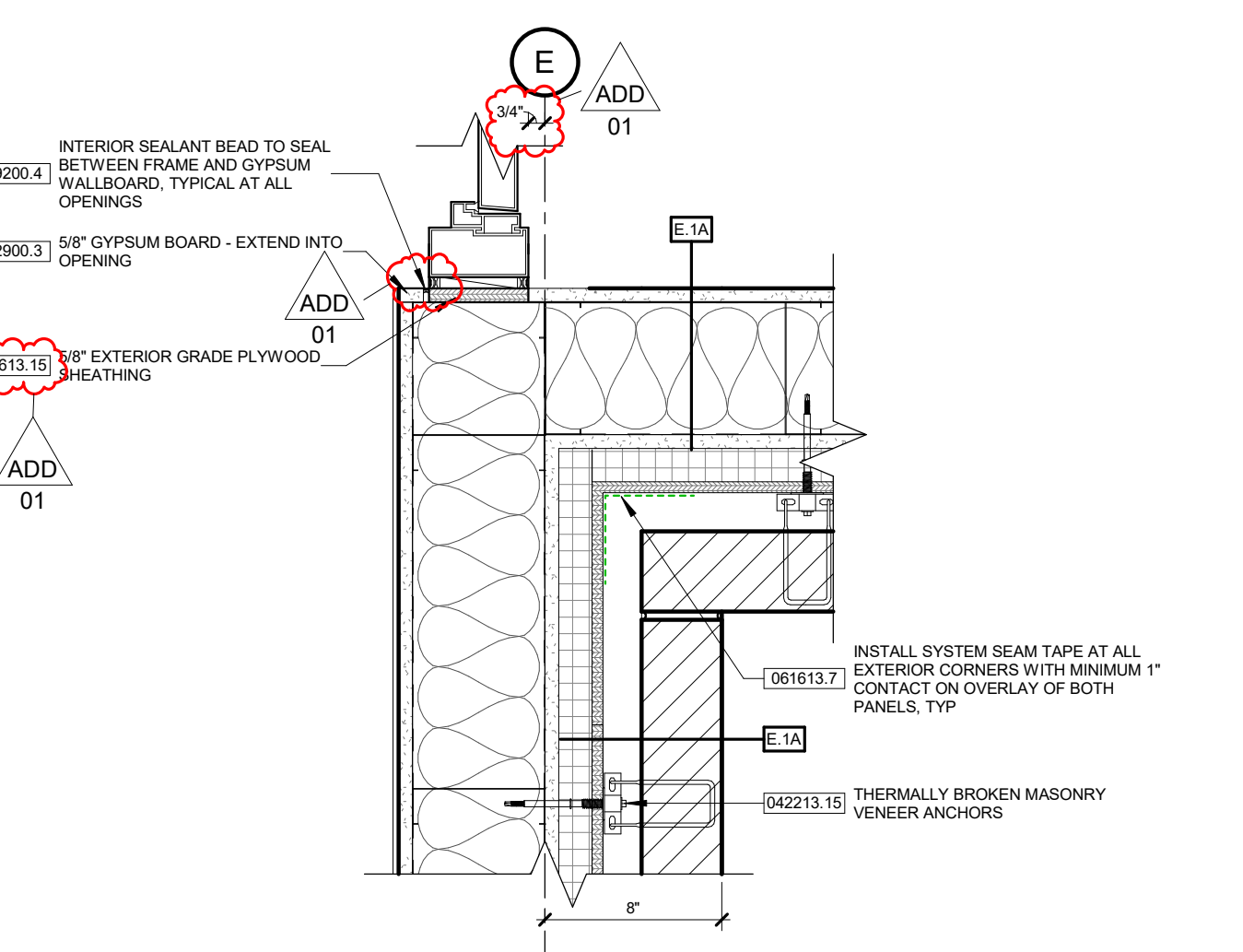
2 OUTSIDE CORNER DETAIL - LP PANEL
SCALE: 1 1/2" = 1'-0"



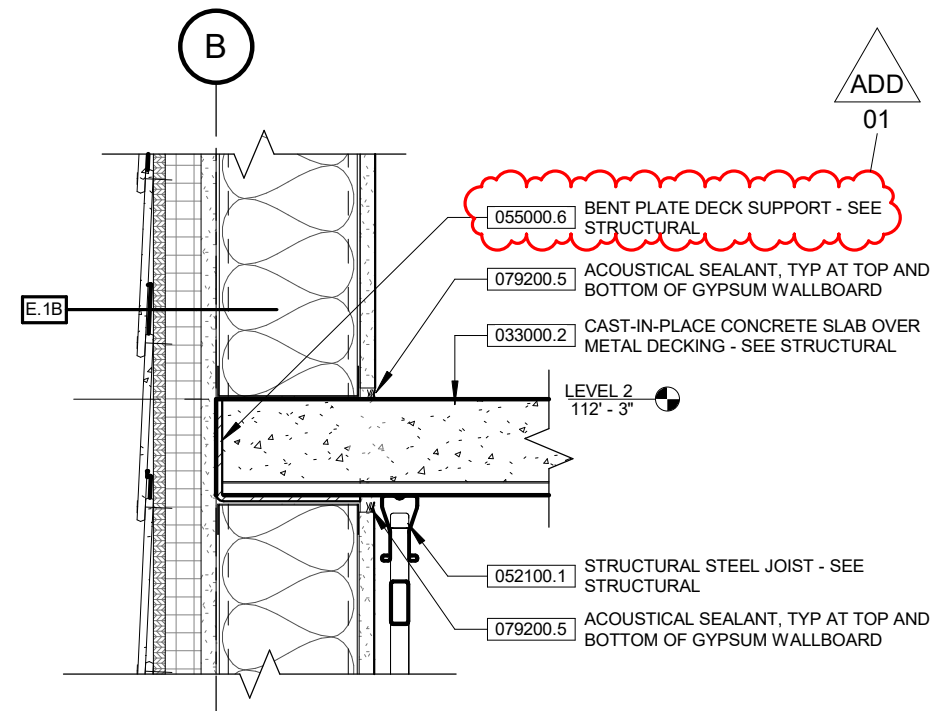
9 SF DOOR JAMB TO LAP SIDING PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



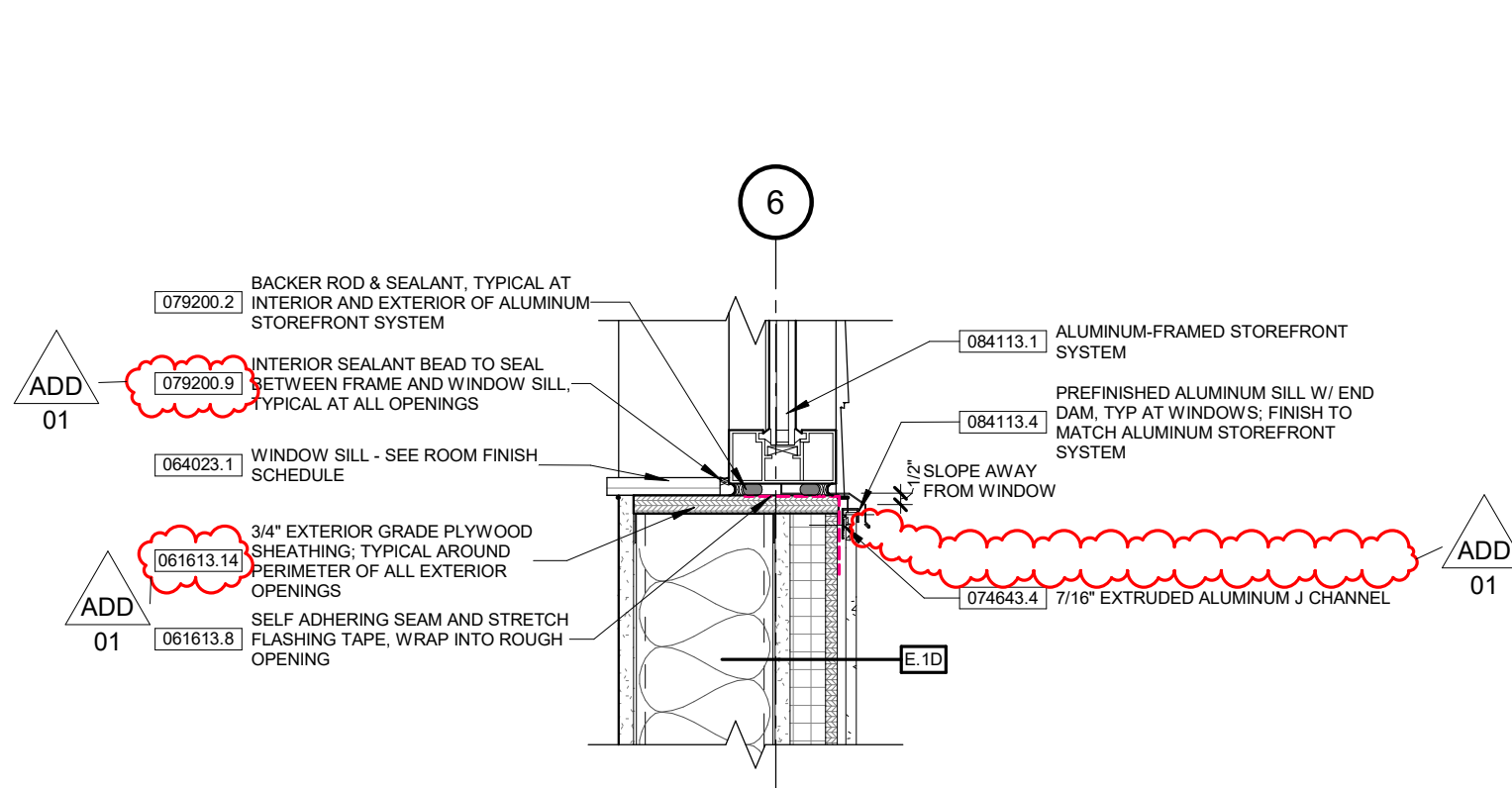
5 LP SIDING AT VESTIBULE
SCALE: 1 1/2" = 1'-0"



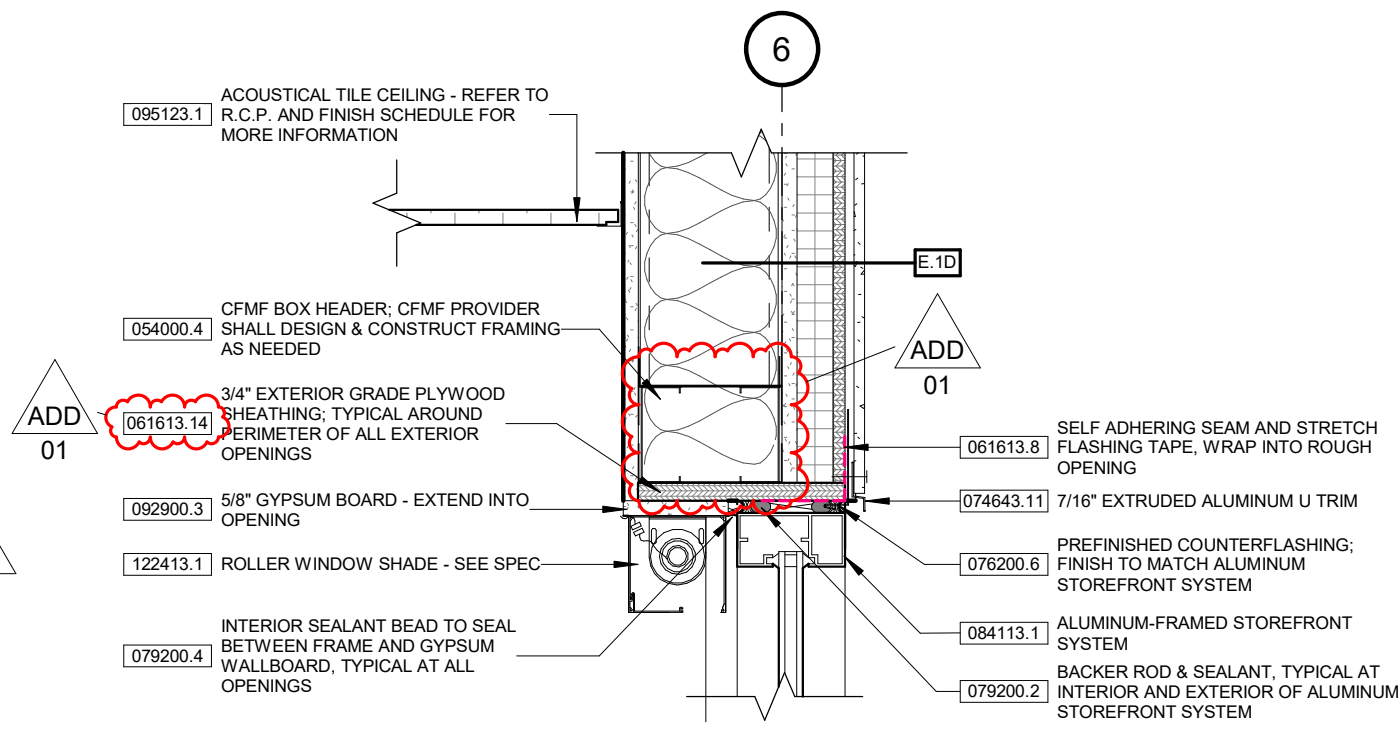
1 STOREFRONT JAMB AT BRICK PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



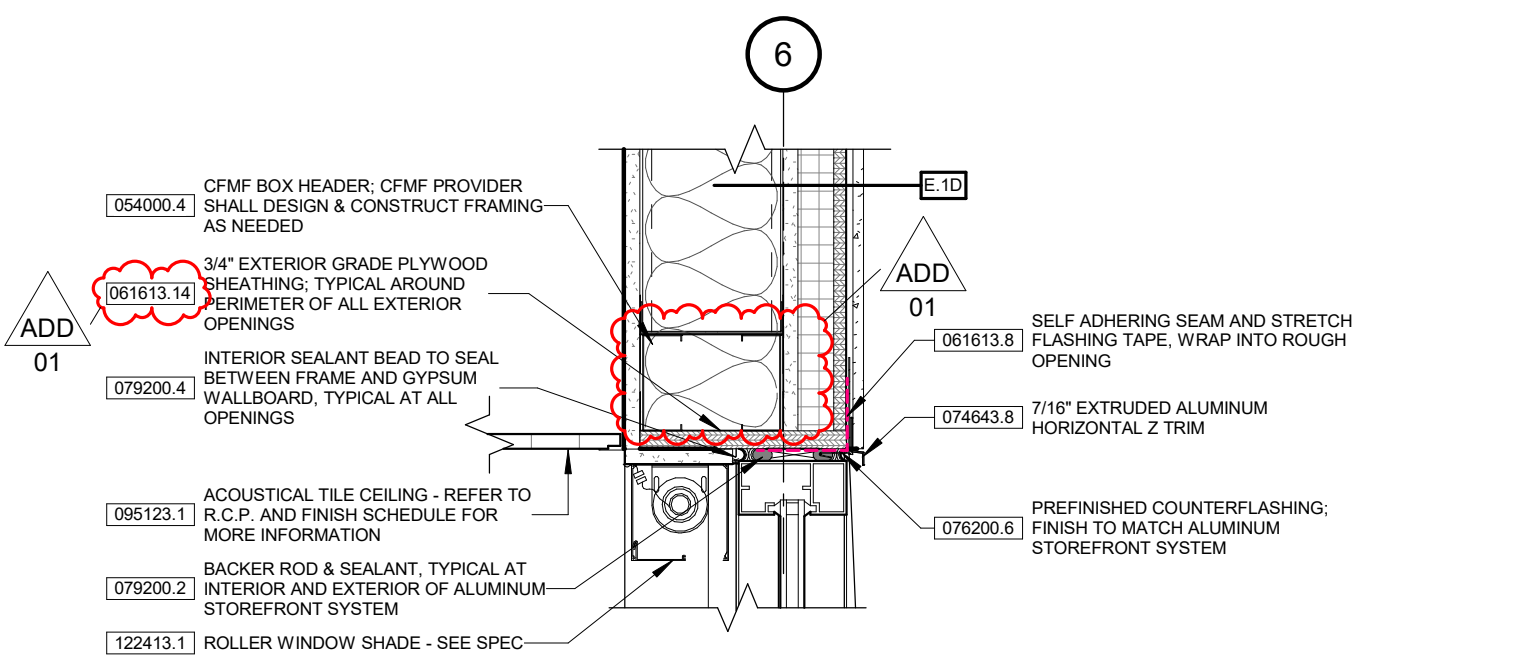
13 LAP SIDING AT LEVEL 2 SLAB EDGE
SCALE: 1 1/2" = 1'-0"



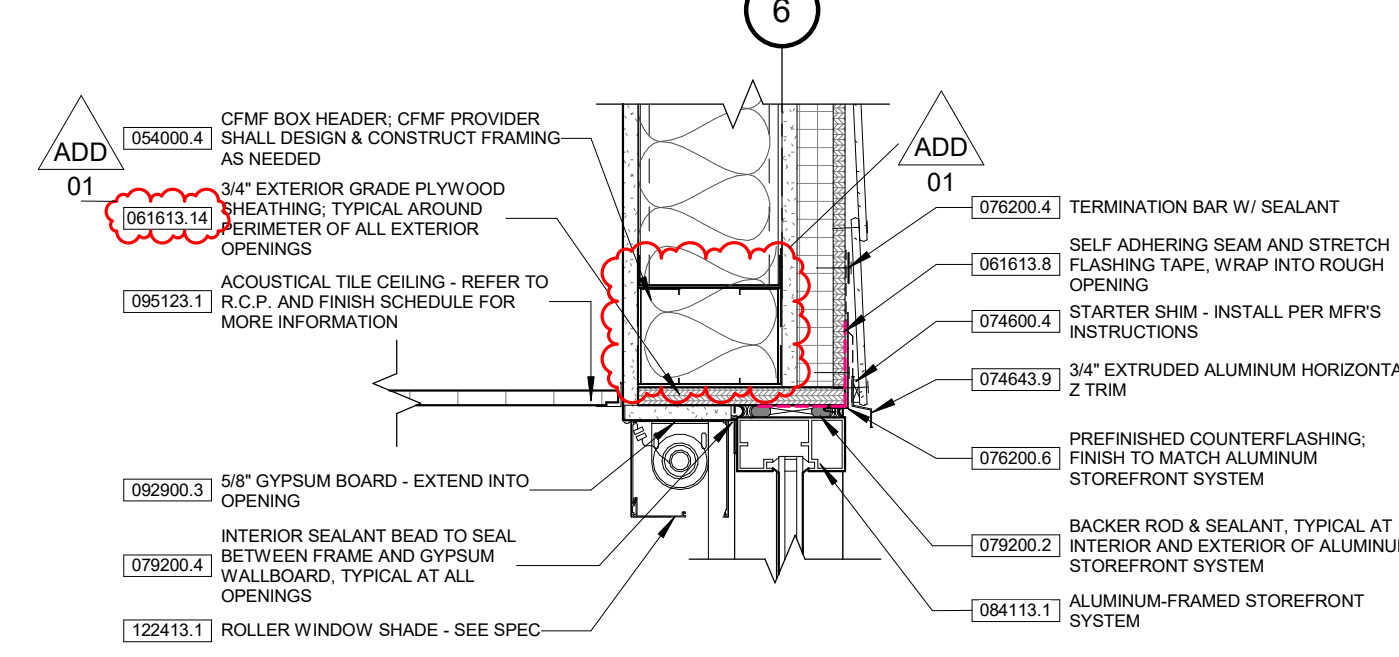
12 STOREFRONT SILL AT PANEL SIDING DETAIL
SCALE: 1 1/2" = 1'-0"



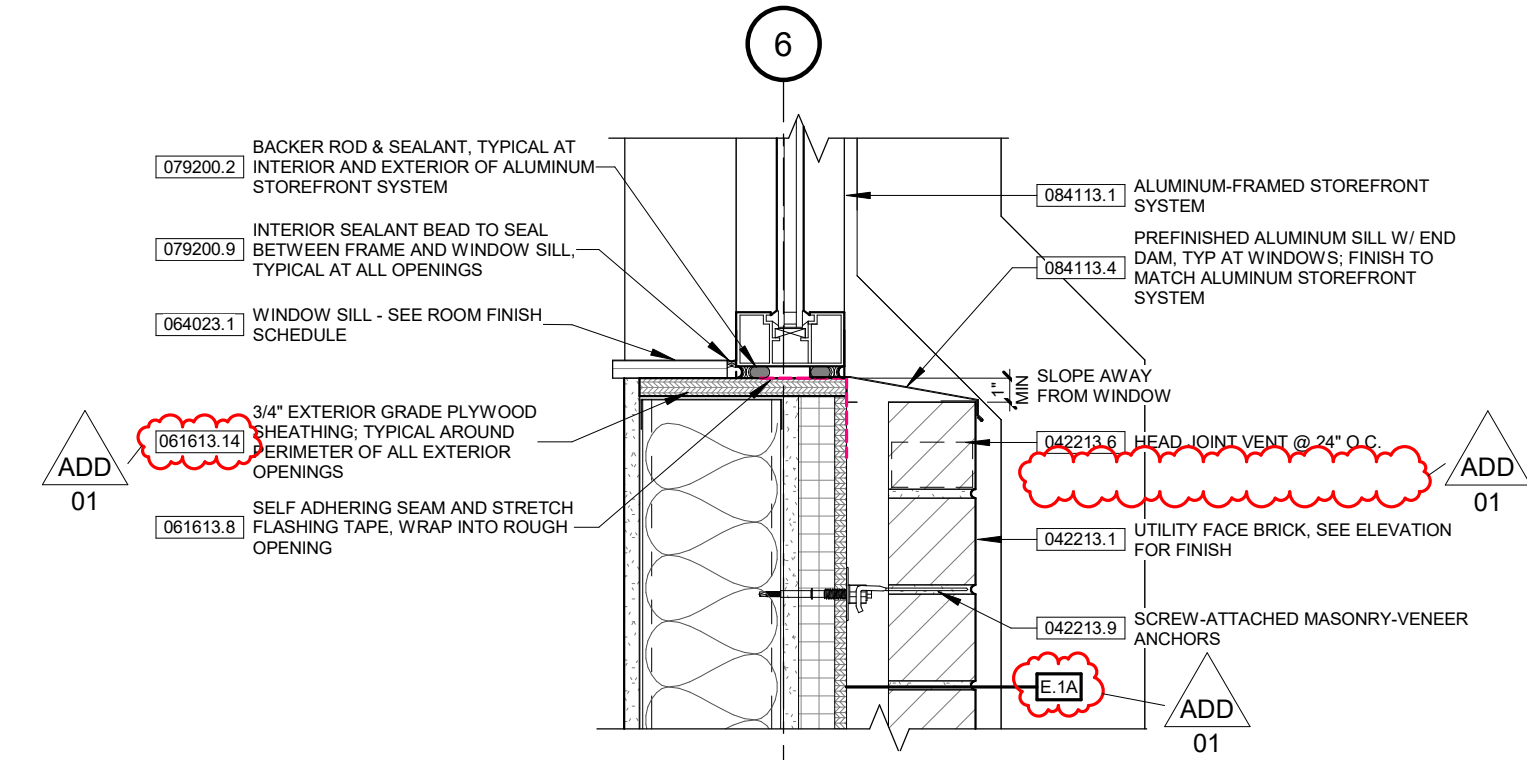
11 STOREFRONT HEAD AT PANEL SIDING DETAIL
SCALE: 1 1/2" = 1'-0"



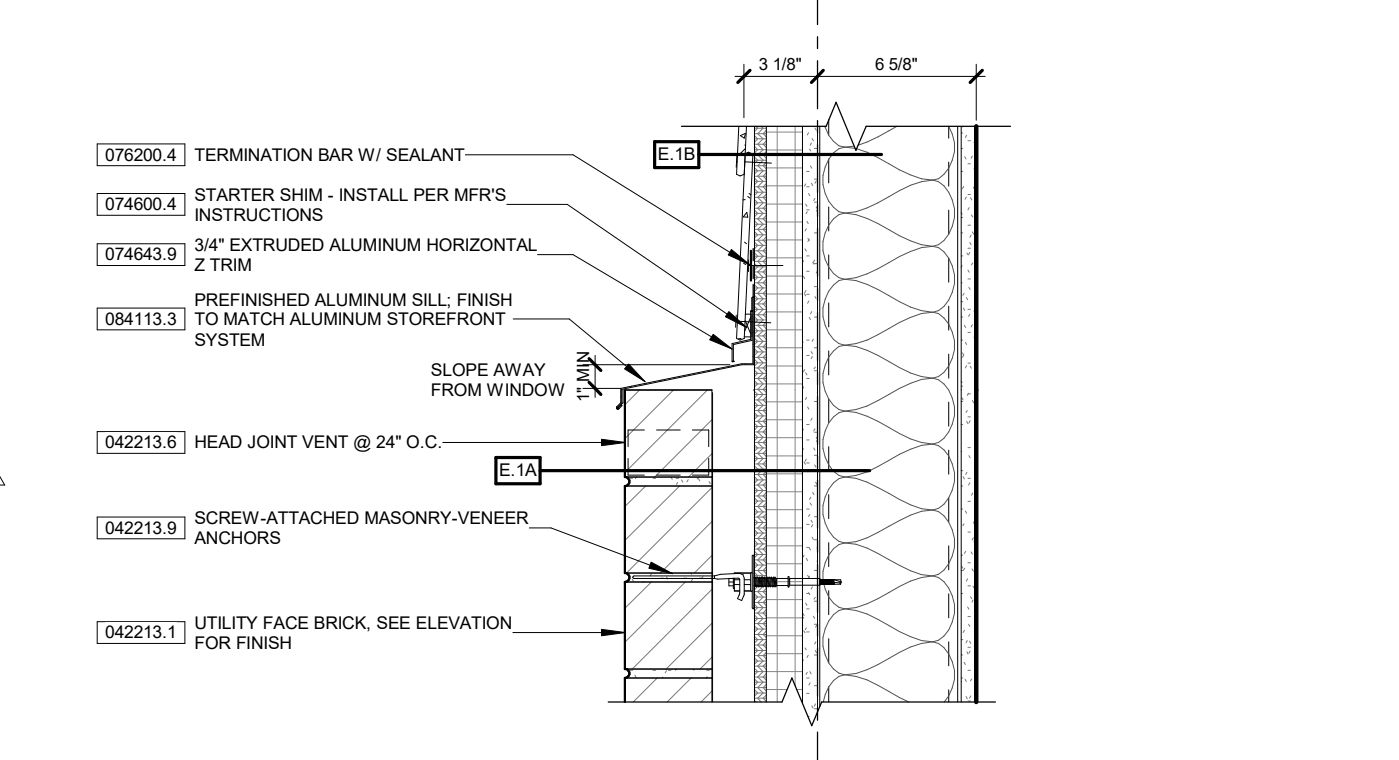
8 STOREFRONT HEAD AT PANEL SIDING DETAIL
SCALE: 1 1/2" = 1'-0"



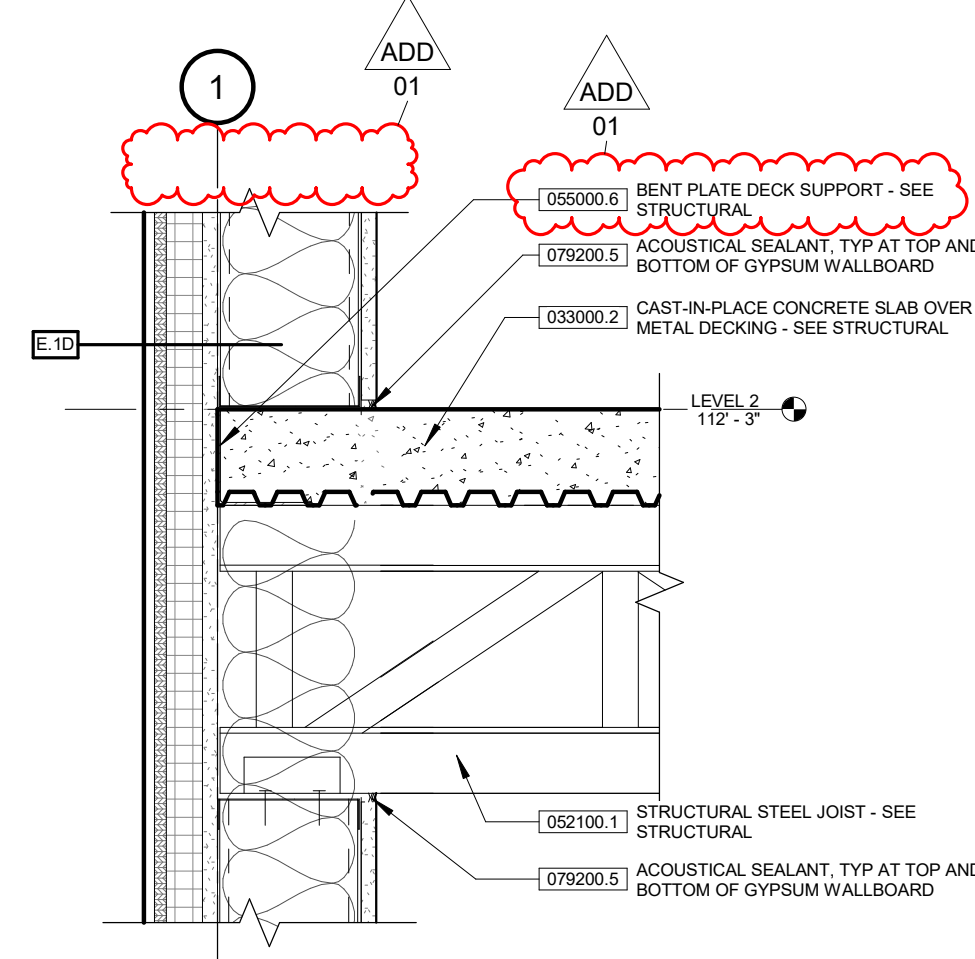
7 STOREFRONT HEAD AT LAP SIDING DETAIL
SCALE: 1 1/2" = 1'-0"



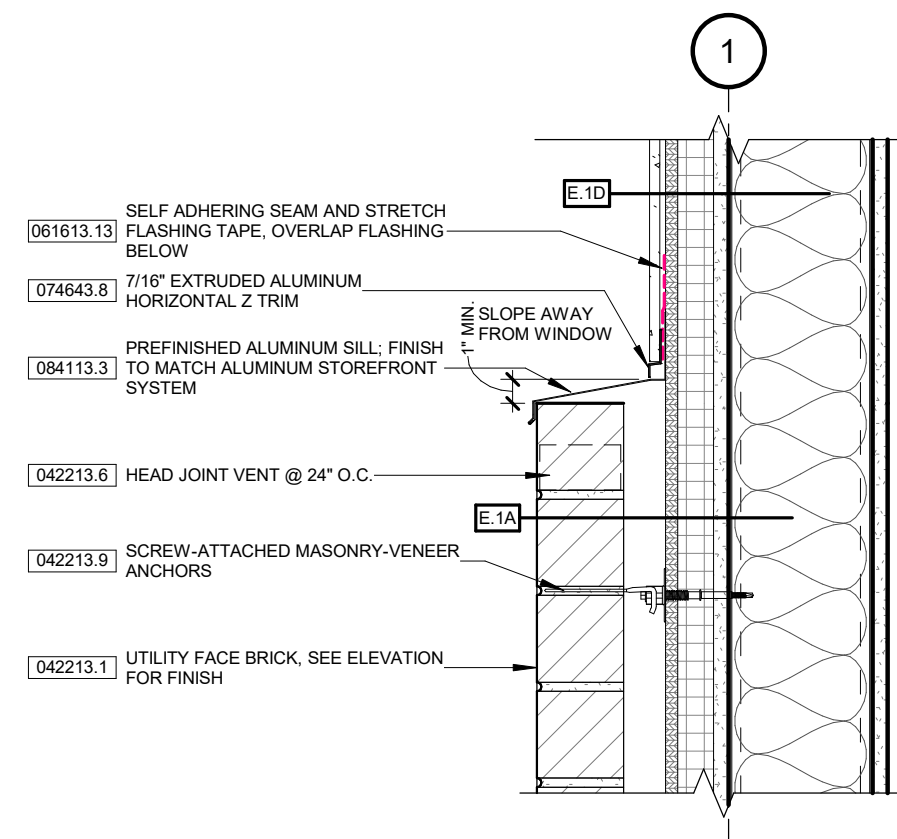
4 STOREFRONT AT BRICK SILL DETAIL
SCALE: 1 1/2" = 1'-0"



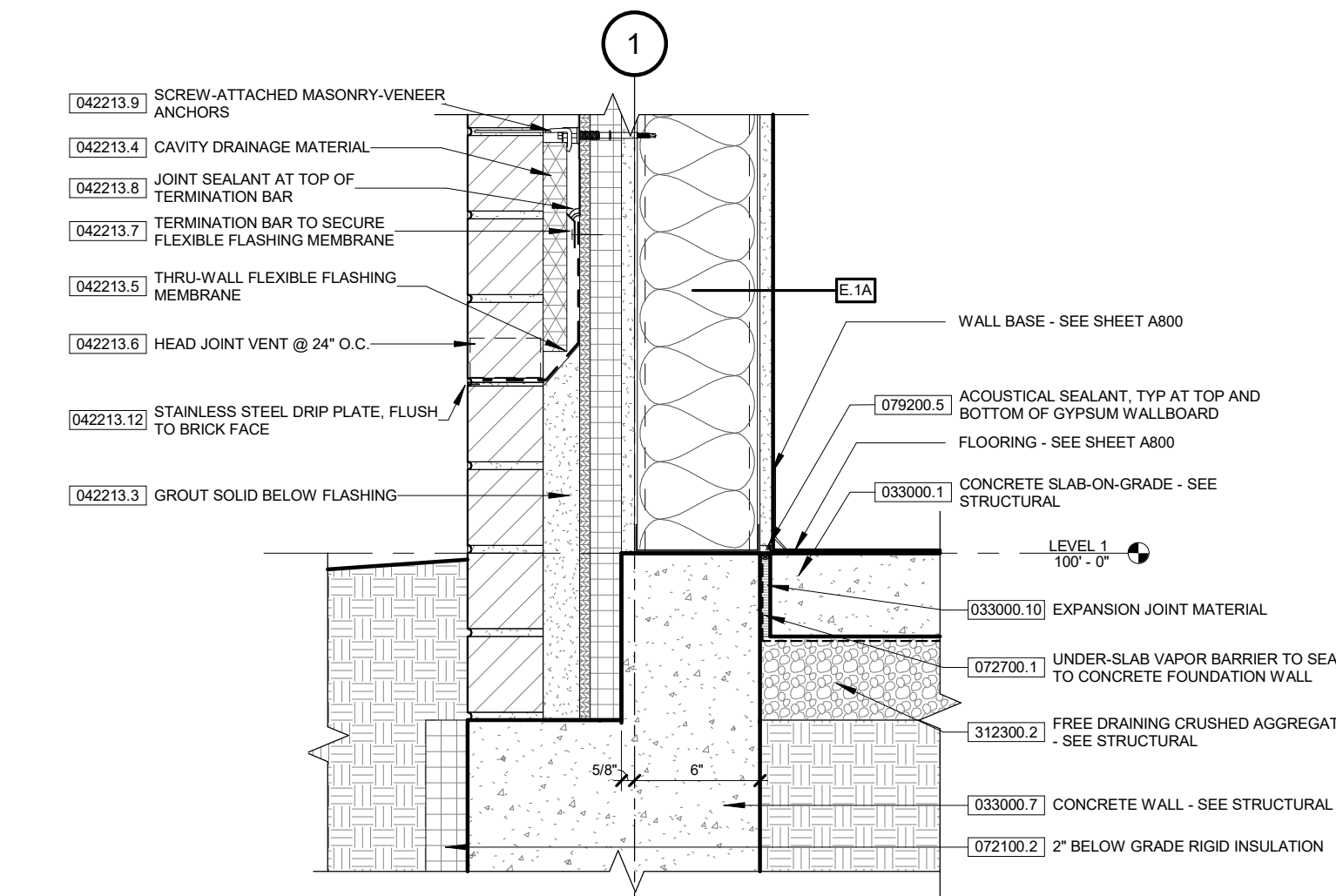
3 LAP SIDING AT BRICK SILL DETAIL
SCALE: 1 1/2" = 1'-0"



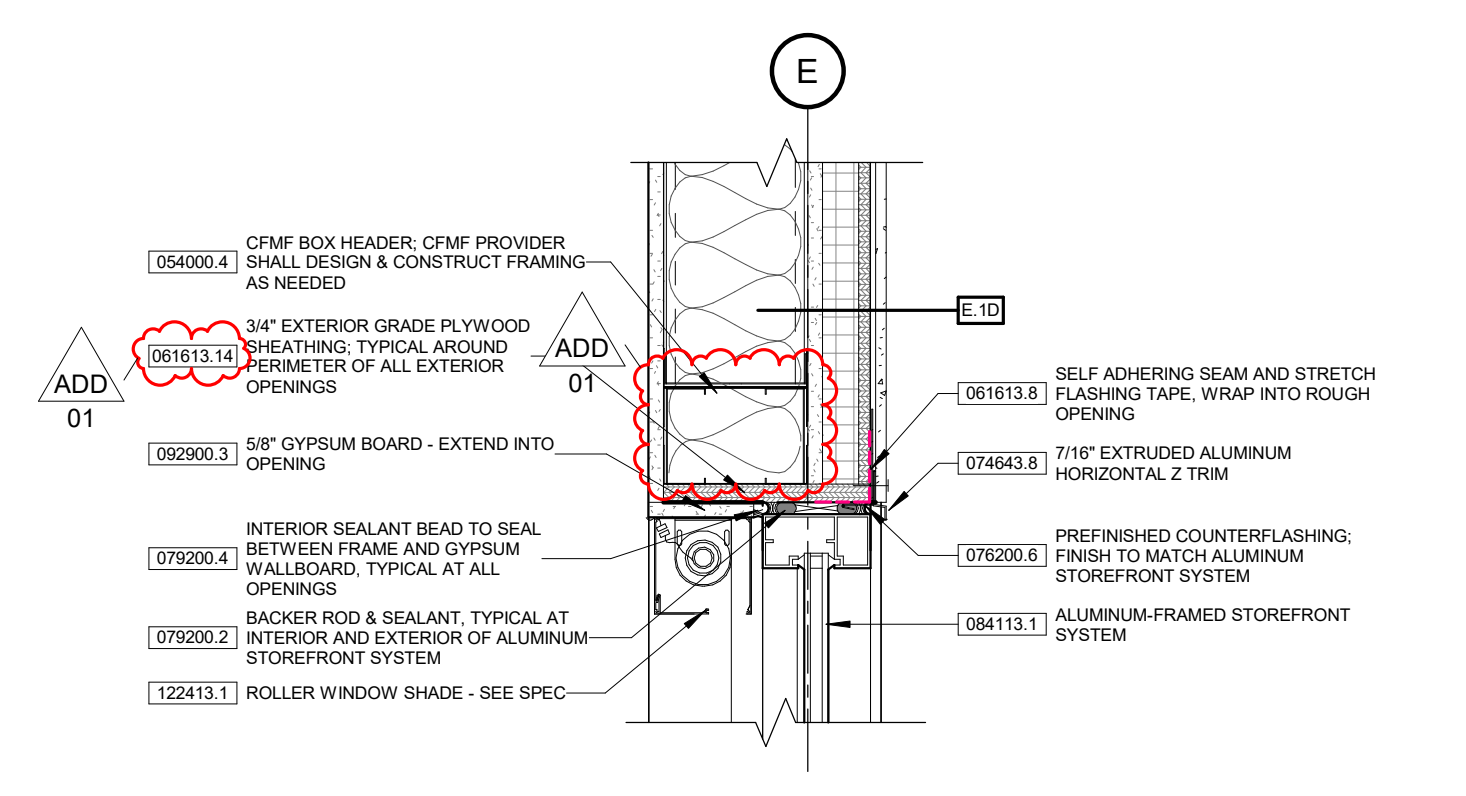
10 PANEL SIDING AT LEVEL 2 SLAB DETAIL
SCALE: 1 1/2" = 1'-0"



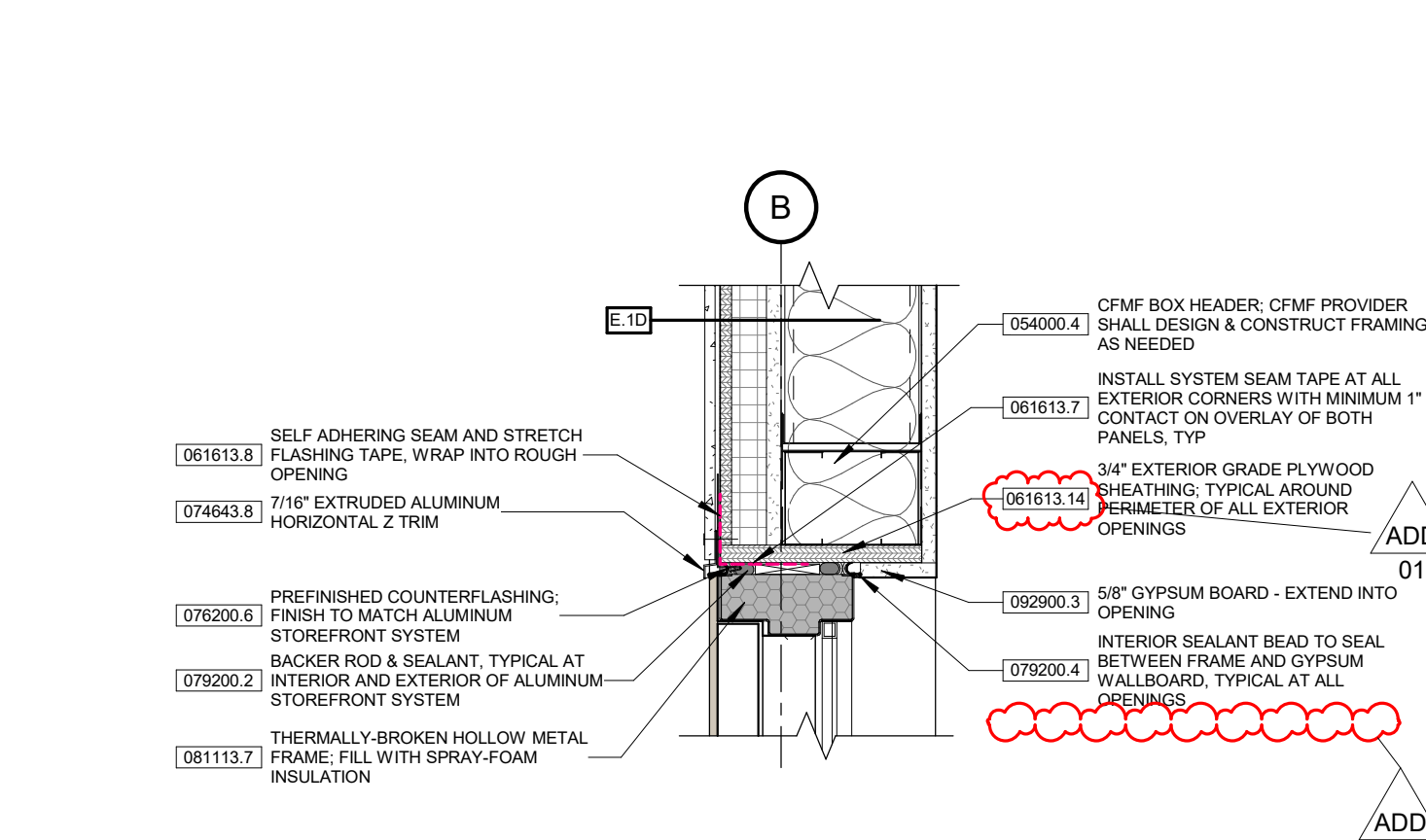
6 PANEL SIDING AT BRICK SILL DETAIL
SCALE: 1 1/2" = 1'-0"



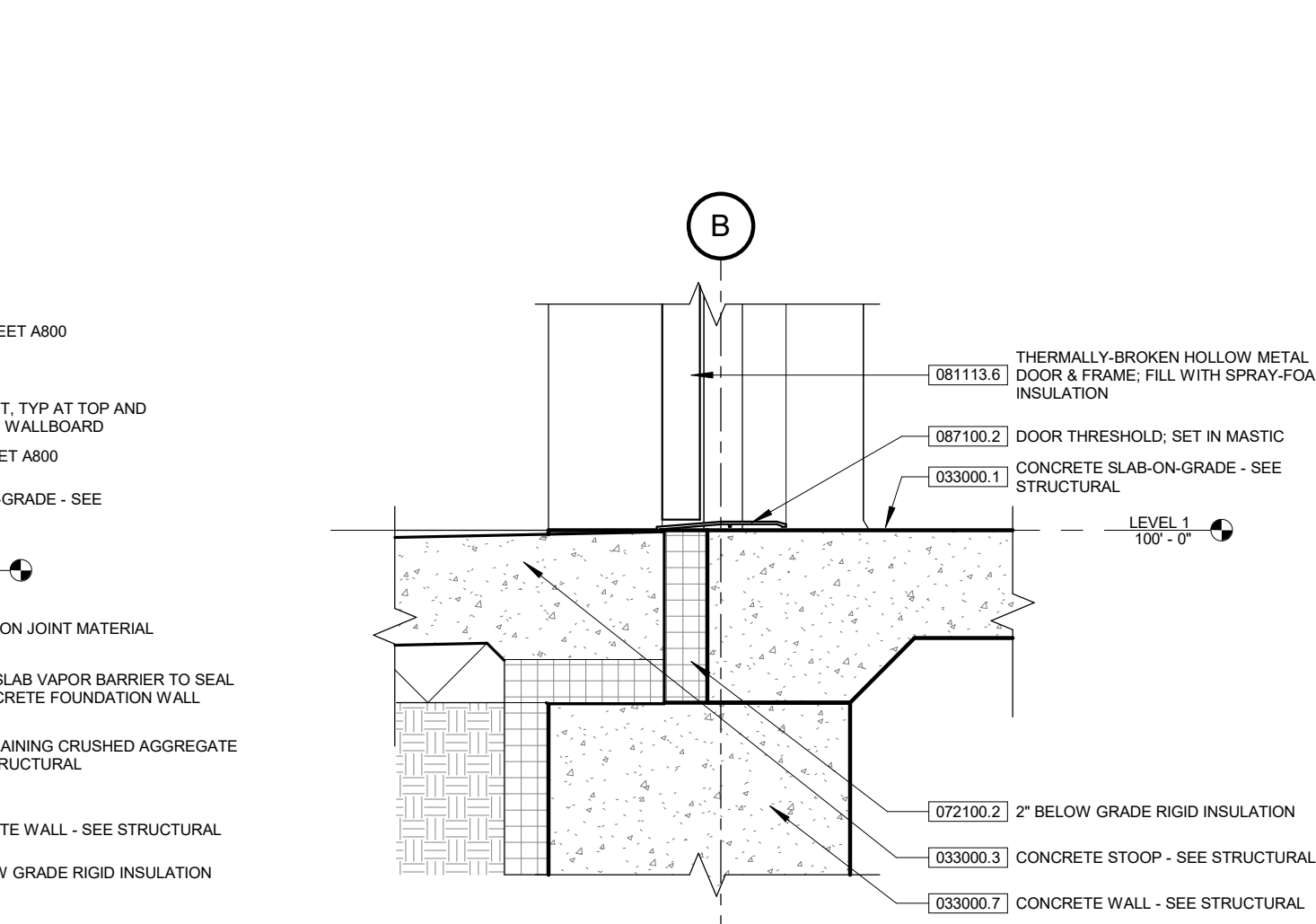
2 TYP FDN DETAIL
SCALE: 1 1/2" = 1'-0"



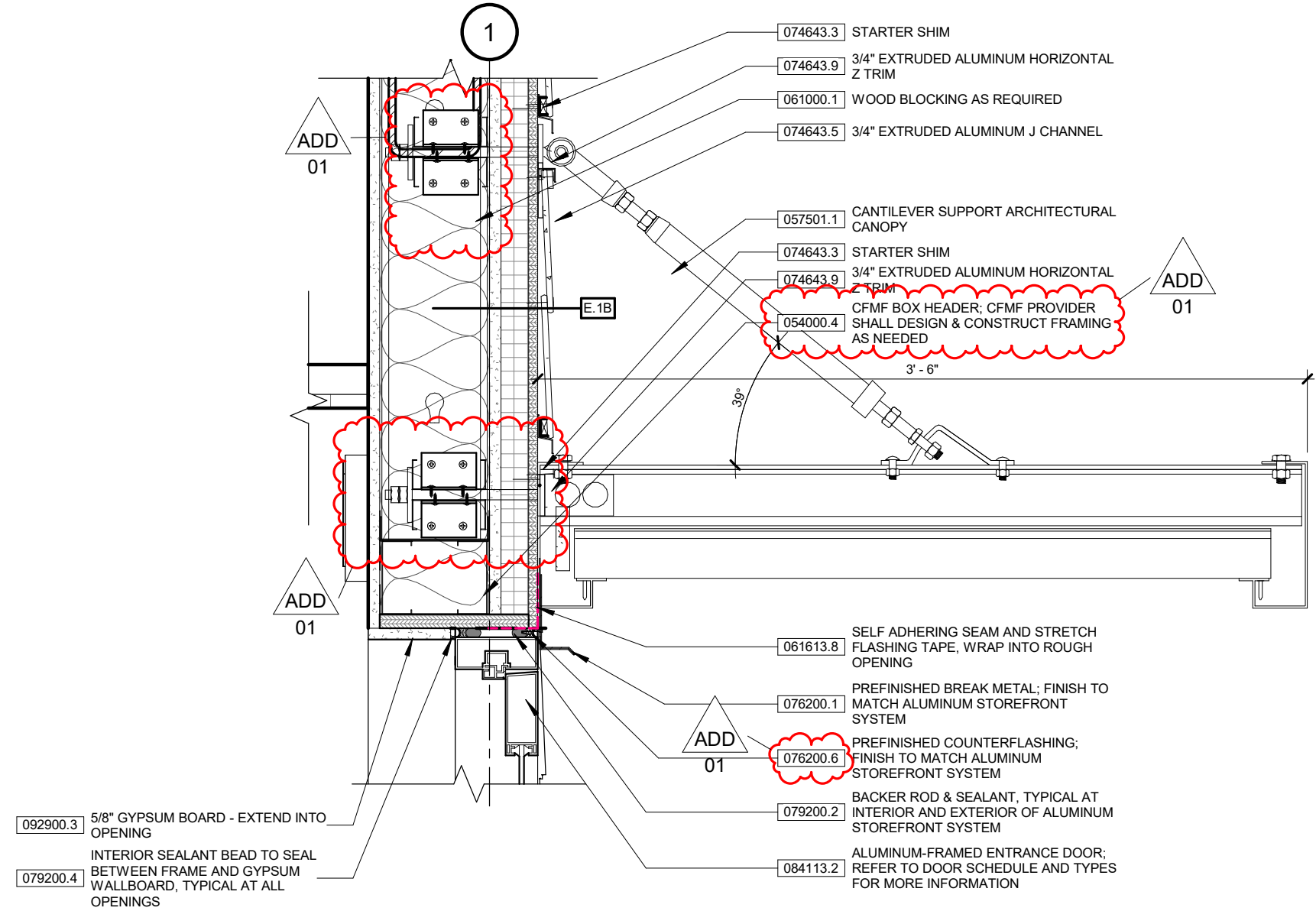
9 ENTRY STOREFRONT HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



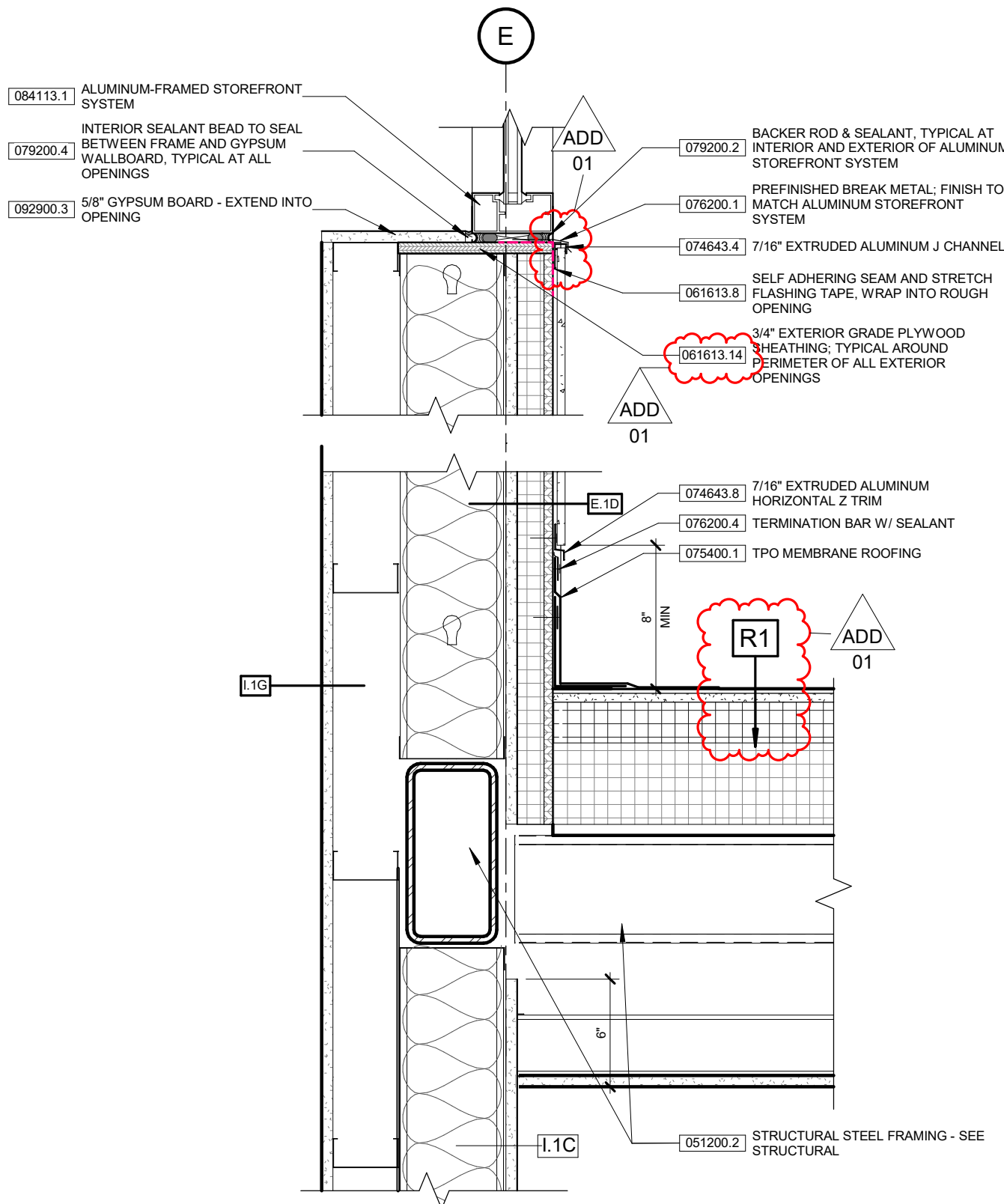
5 HM TRANSOM HEAD AT PANEL SIDING DETAIL
SCALE: 1 1/2" = 1'-0"



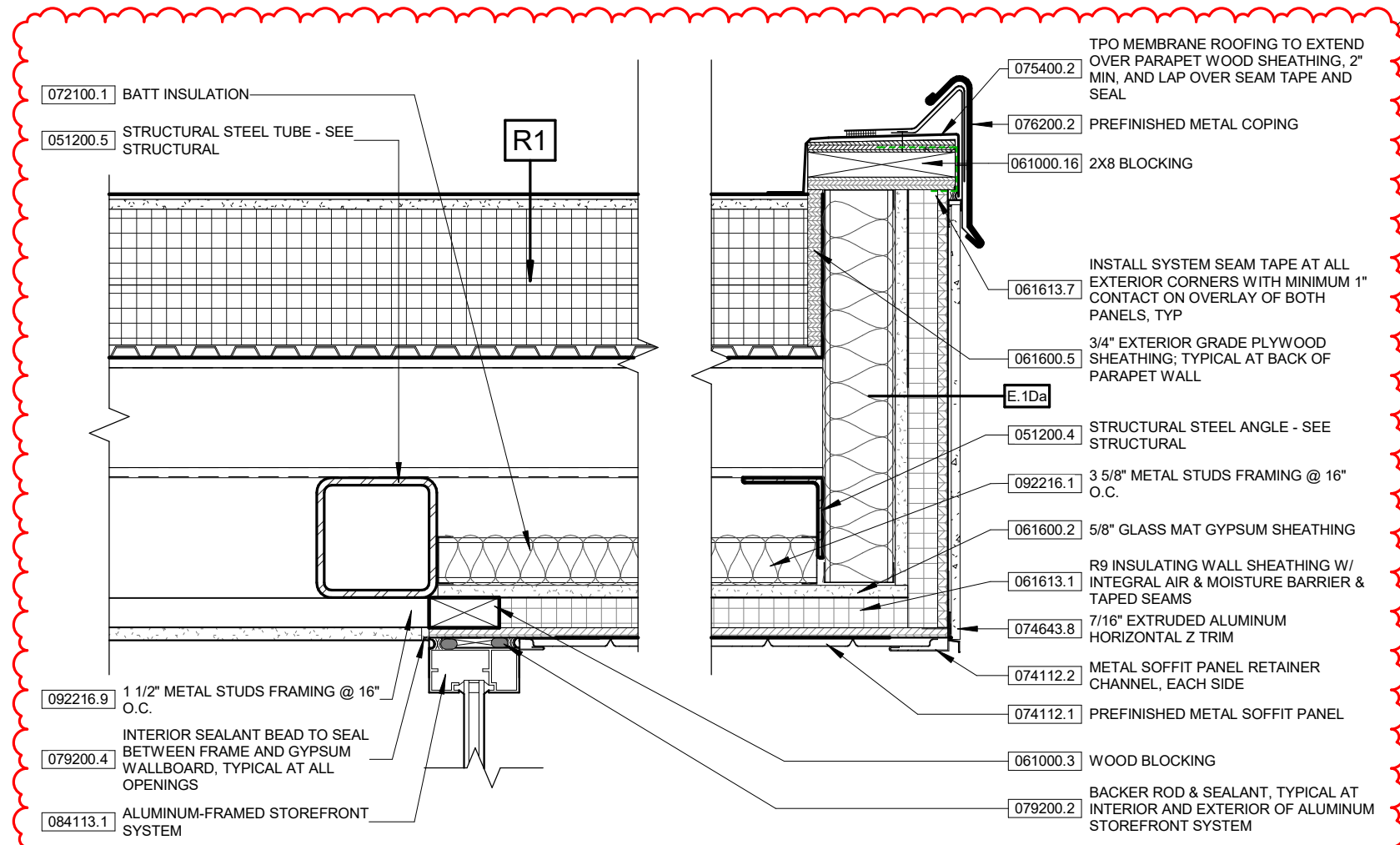
1 HM DOOR SILL DETAIL
SCALE: 1 1/2" = 1'-0"



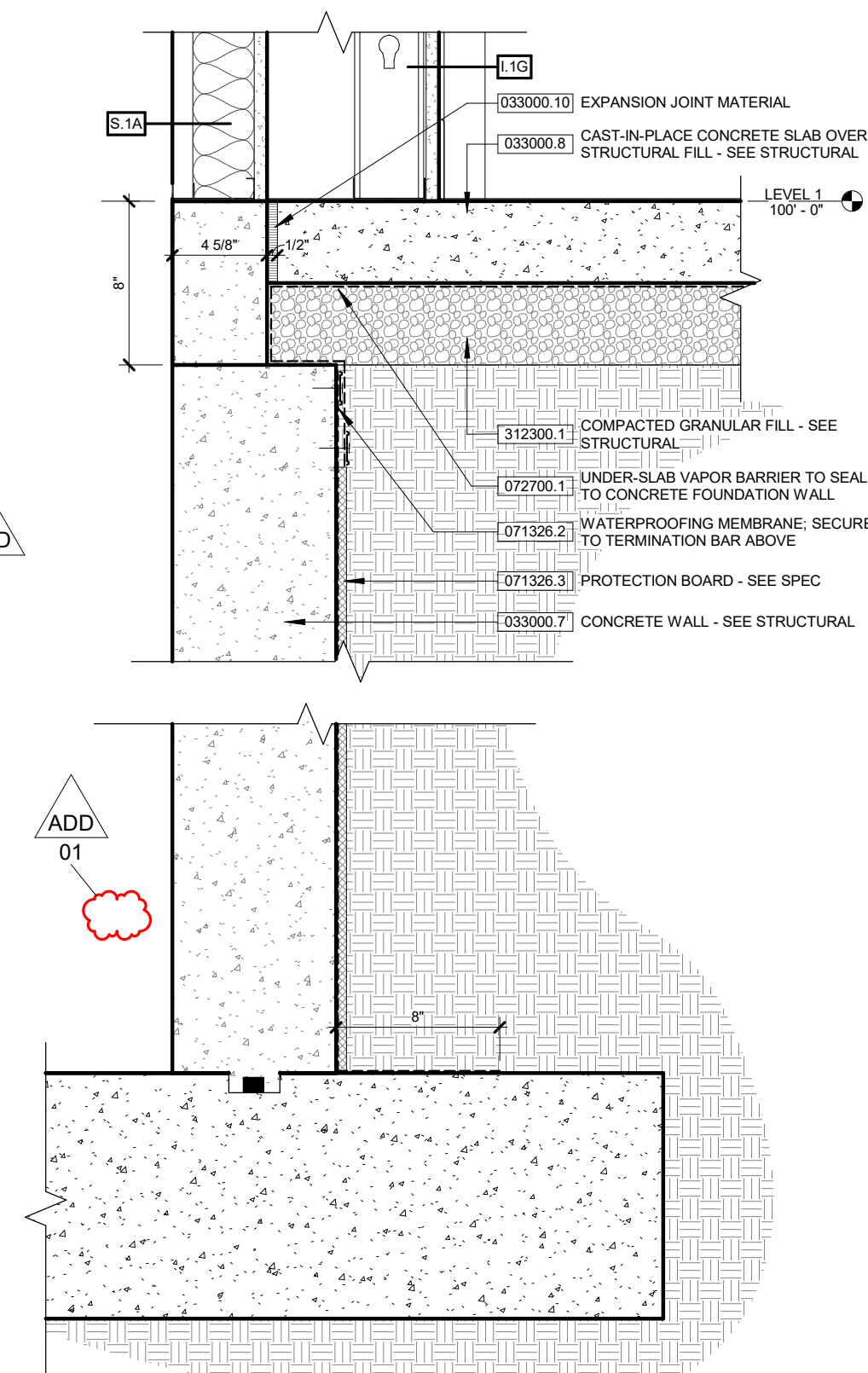
5 CANOPY CONNECTION
SCALE: 1 1/2" = 1'-0"



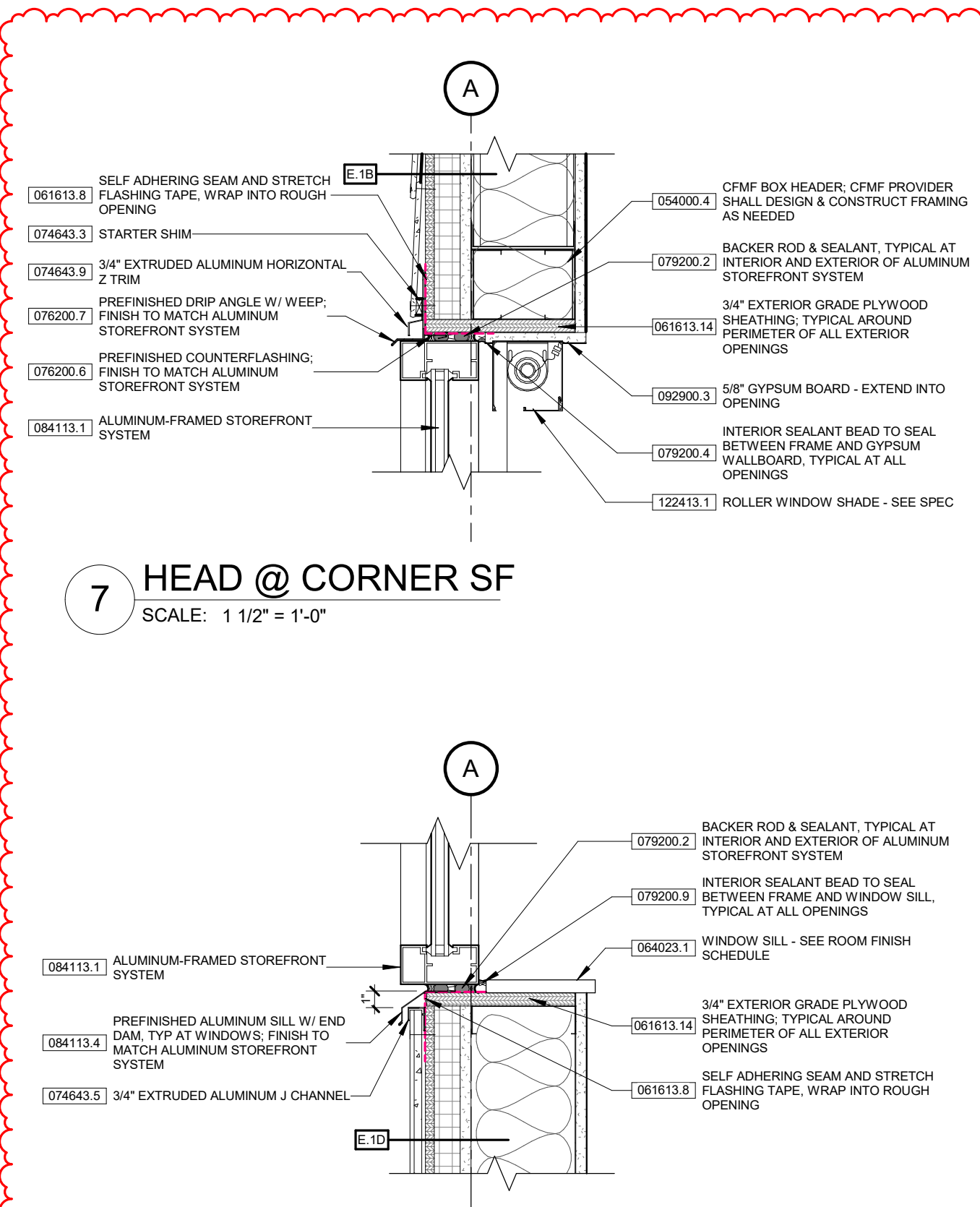
4 LOWER CANOPY AT WALL
SCALE: 1 1/2" = 1'-0"



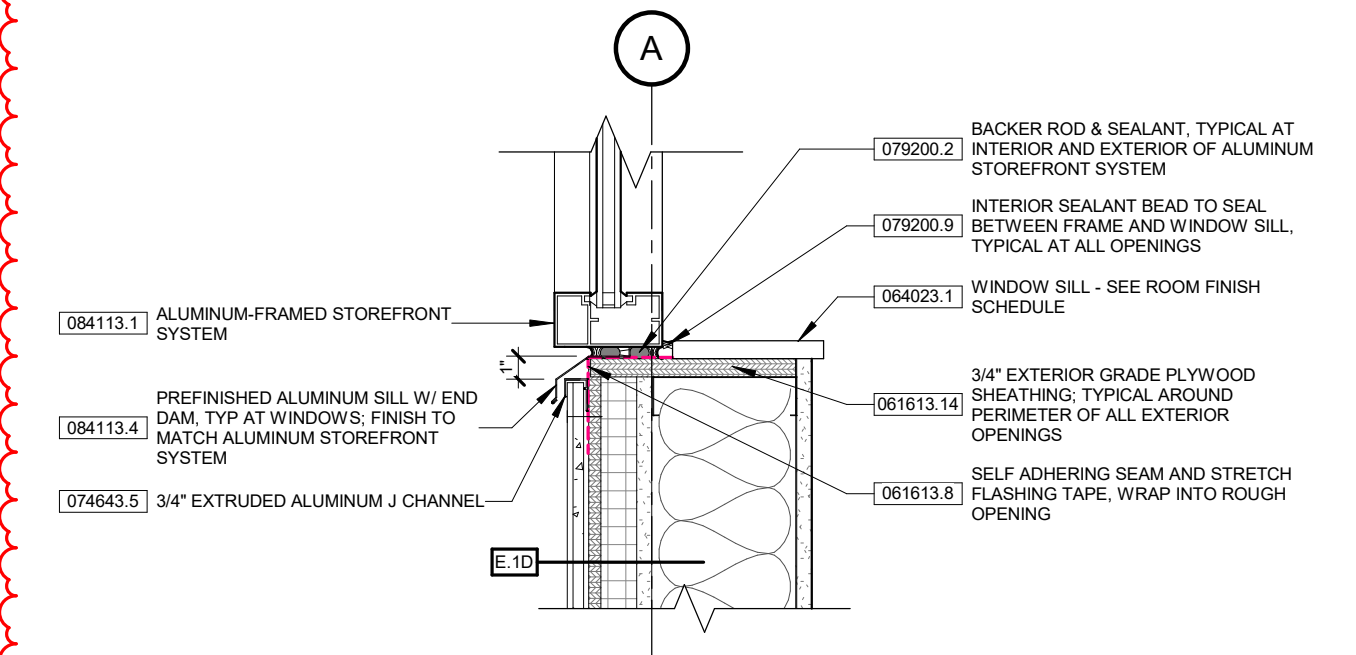
3 LOW CANOPY FASCIA DETAIL
SCALE: 1 1/2" = 1'-0"



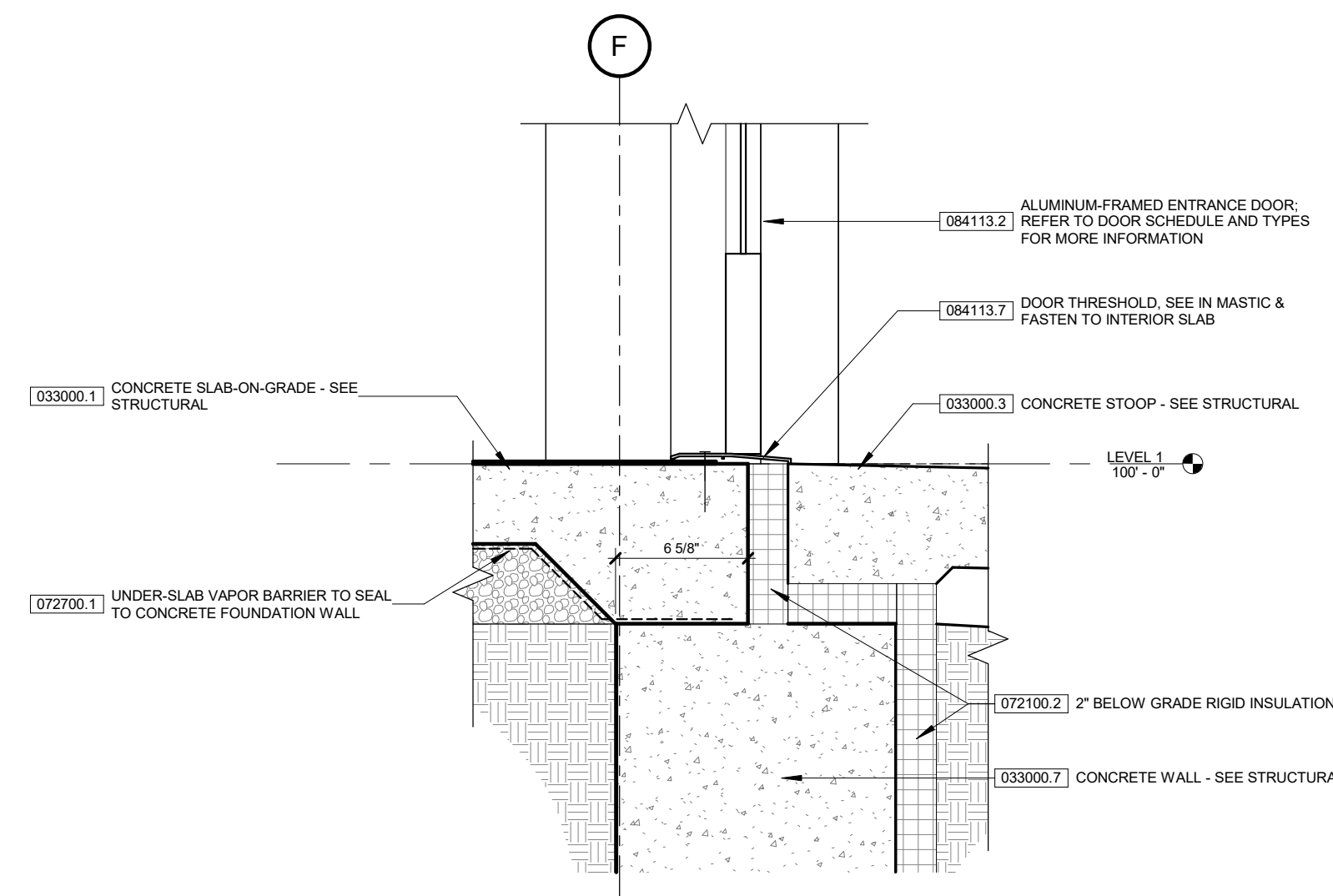
2 ELEVATOR PIT WALL DETAIL
SCALE: 1 1/2" = 1'-0"



7 HEAD @ CORNER SF
SCALE: 1 1/2" = 1'-0"

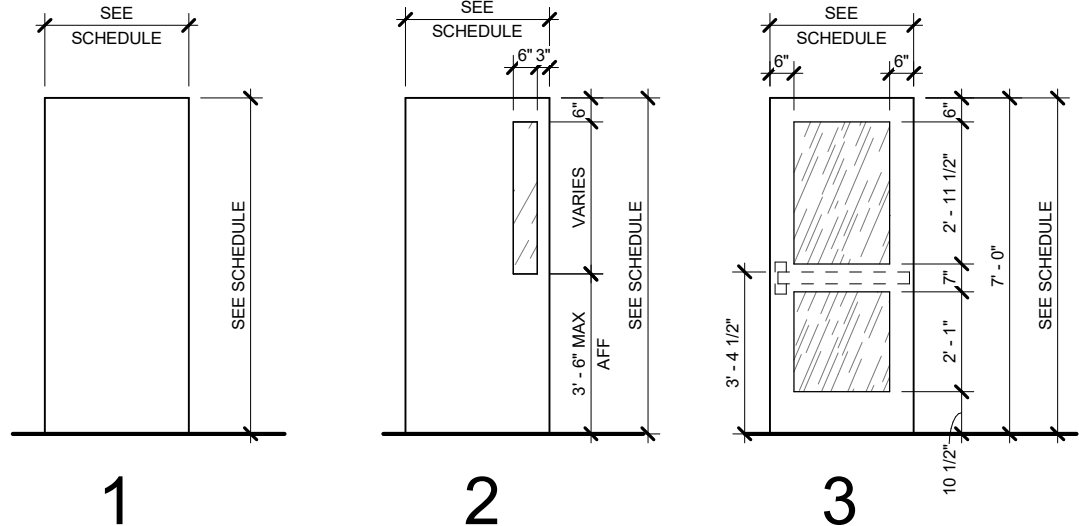


6 SILL @ CORNER SF
SCALE: 1 1/2" = 1'-0"

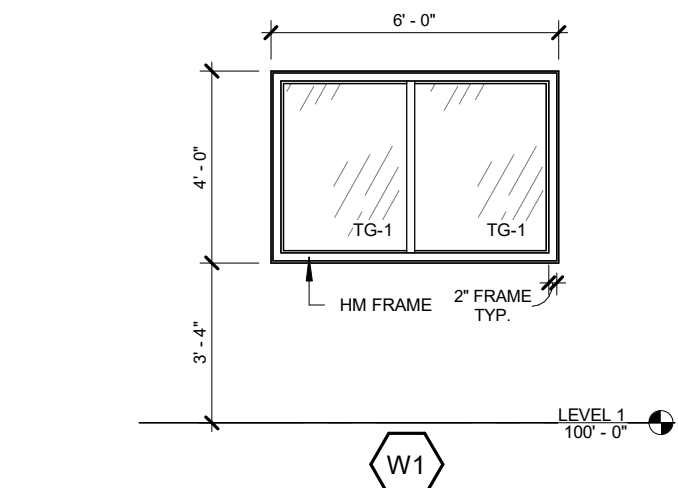
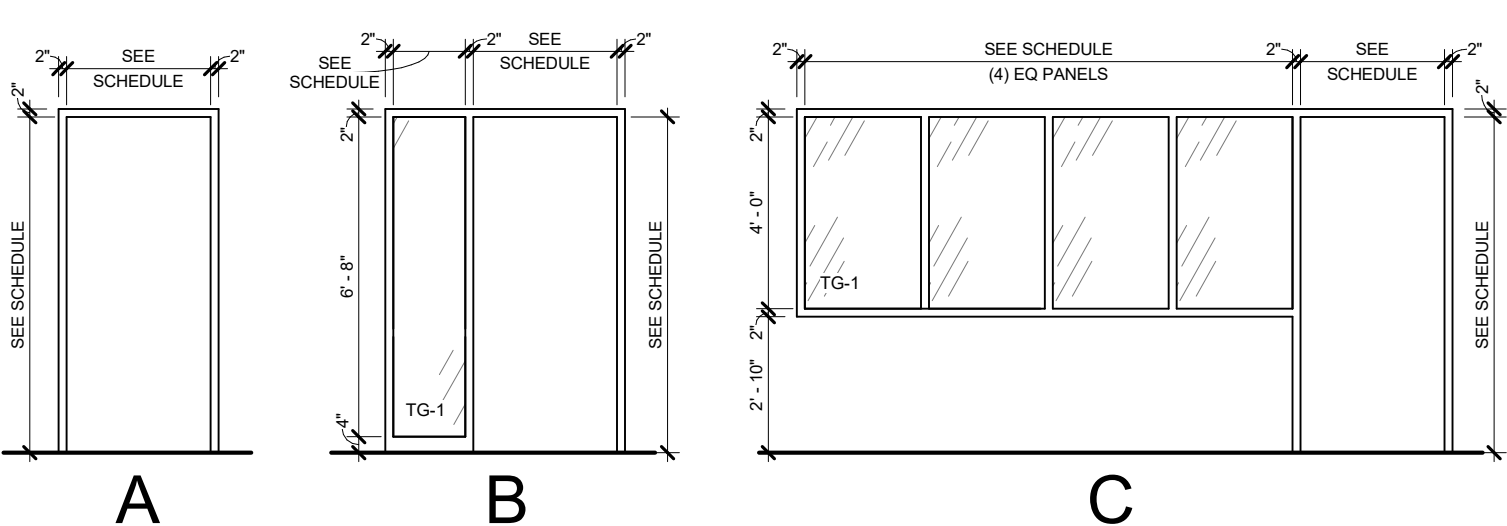


1 STOREFRONT DOOR SILL DETAIL
SCALE: 1 1/2" = 1'-0"

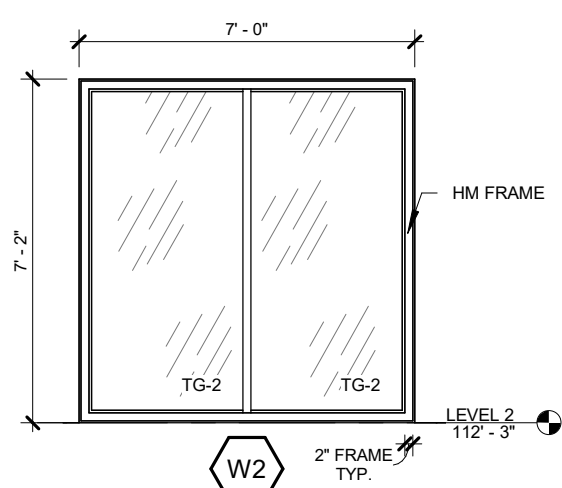
DOOR PANEL TYPES



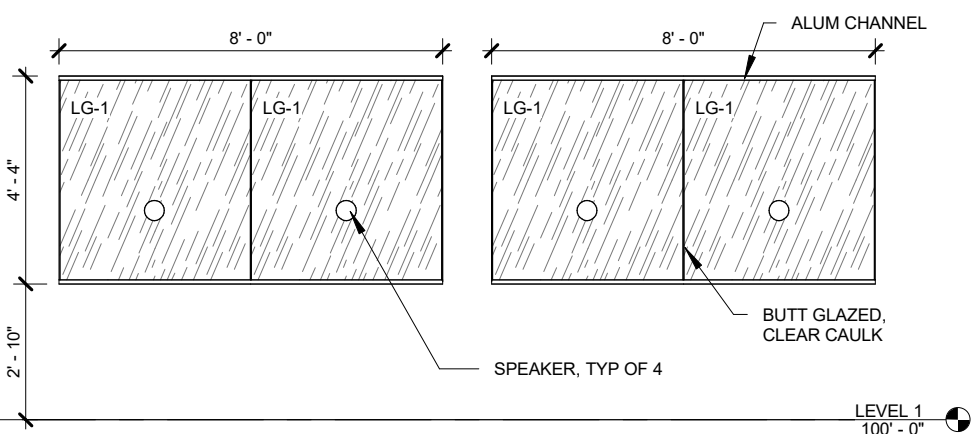
DOOR FRAME TYPES



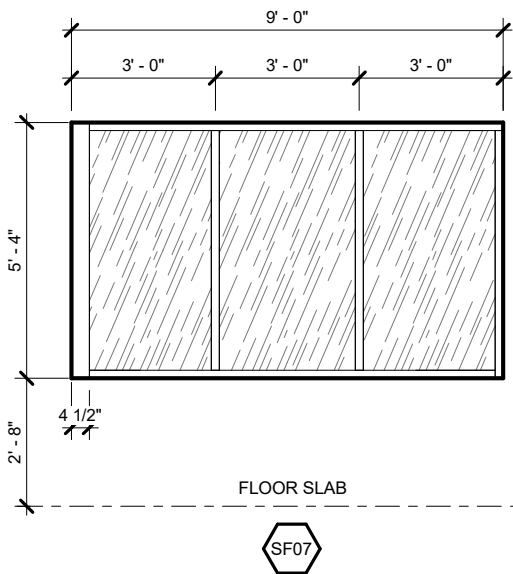
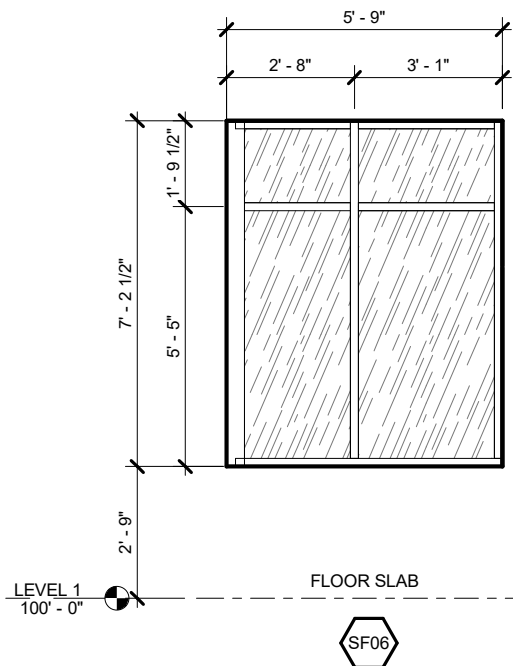
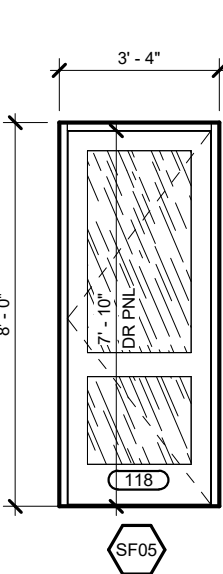
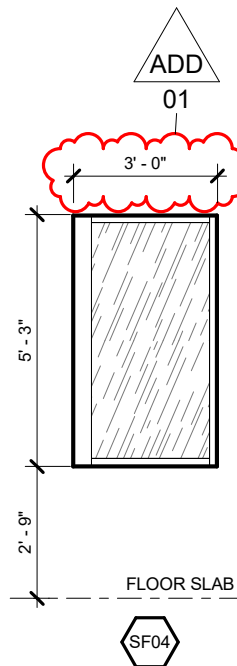
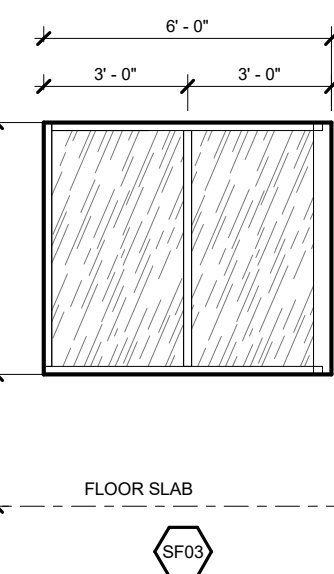
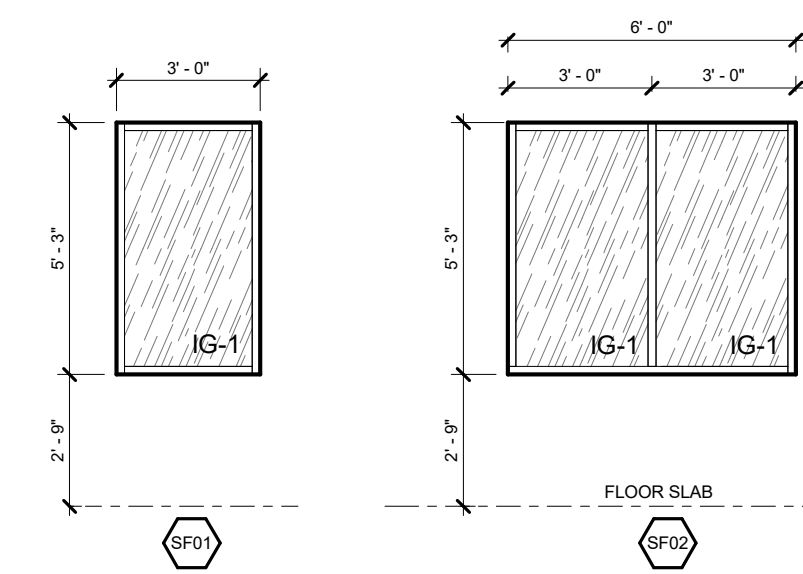
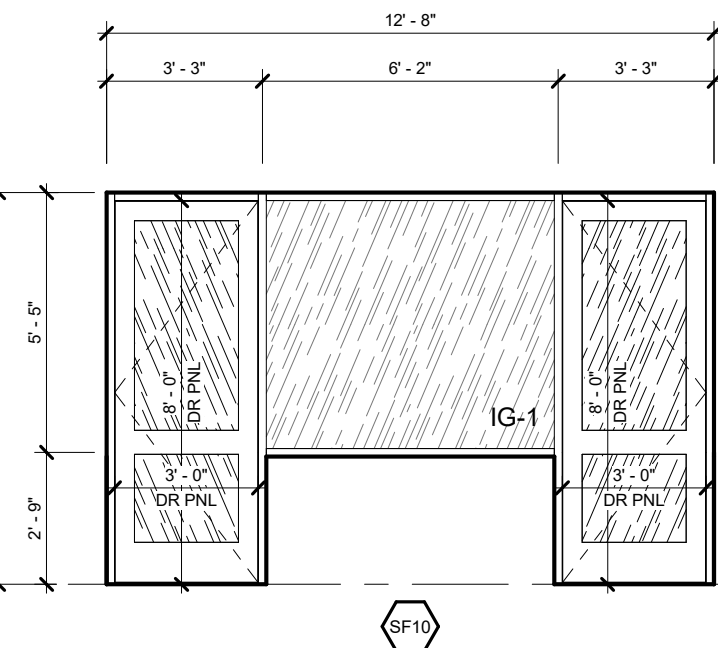
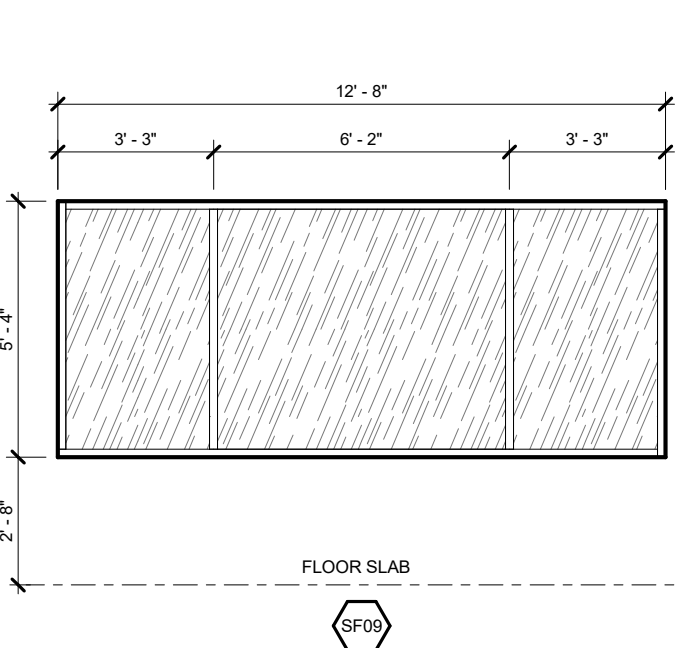
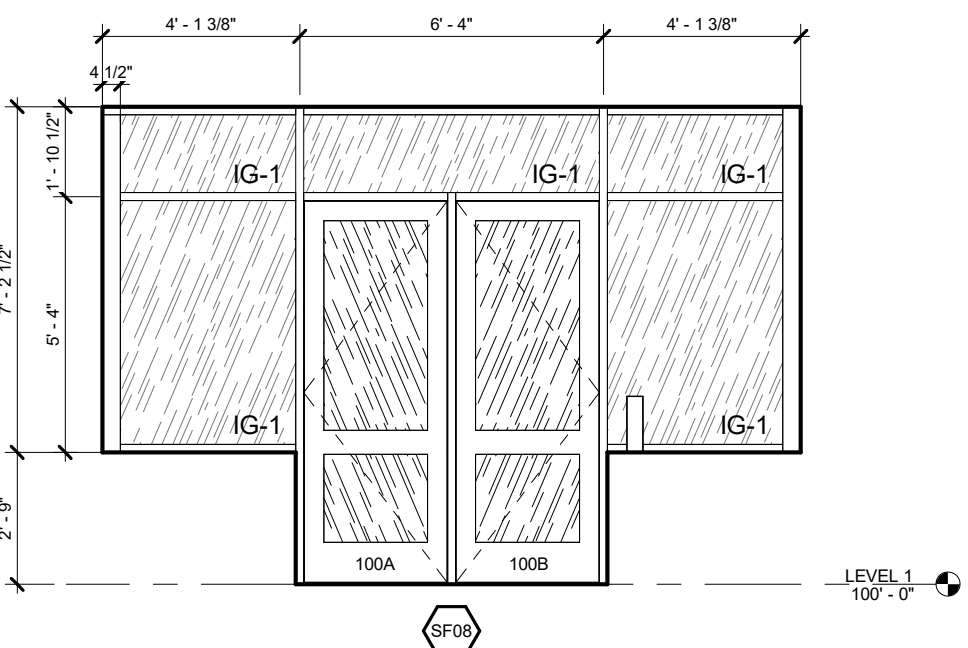
W1 - RECEPTION 128 & COFFEE 230



W2 - OFFICE 228



RECEPTION WINDOWS



GENERAL NOTES: DOOR AND FRAME NOTES

- ALL DOOR AND FRAME DIMENSIONS TO BE VERIFIED BEFORE FABRICATION.
- ALL HOLLOW METAL DOORS AND FRAMES ARE TO BE GALVANIZED, PRIMED AND PAINTED. SEE SPEC.
- BID ALL GLAZING AS DIMENSIONED. IF AREAS EXCEED CODE FOR ALLOWABLE AREAS, ASSUME FIRE GLAZING WILL BE REQUIRED.
- VERIFY ALL ITEMS ON SCHEDULE WITH FLOOR PLAN. FLOOR PLAN PREVAILS FOR DOOR SWING, FRAME TYPE AND DIMENSIONAL INFORMATION.
- GENERAL CONTRACTOR TO COORDINATE MEETING BETWEEN ARCHITECT/OWNER AND DOOR VENDOR TO ESTABLISH KEY SCHEDULE INFORMATION.
- CONTRACTOR TO REVIEW ADA ACTUATOR LOCATIONS WITH OWNER & ARCHITECT BEFORE INSTALLATION.
- HOLLOW METAL FRAME THROAT DEPTH TO MATCH WALL THICKNESS AT ALL METAL-FRAMED STUD WALLS. REFER TO FLOOR PLAN AND WALL TYPES FOR LOCATIONS, WALL TYPES AND WALL THICKNESSES. CONTRACTOR TO VERIFY FRAME DEPTH AT ALL LOCATIONS.
- DOOR OPENINGS SHALL BE INSTALLED SUCH THAT THE EDGE OF THE HINGE JAMB IS 4" AWAY FROM THE ADJACENT PERPENDICULAR WALL IN CMU ASSEMBLIES AND GYP BD. WALL ASSEMBLIES TYPICAL, UNLESS NOTED OTHERWISE.

GLASS TYPE LEGEND

- TG-1 1/4" TEMPERED GLASS, TYPICAL AT ALL INTERIOR DOORS AND FRAMES, U.N.O.
- TG-2 1/2" TEMPERED GLASS
- LG-1 LAMINATED GLASS
- IG-1 TRANSPARENT INSULATED GLASS, TYPICAL AT ALL EXTERIOR WINDOWS AND DOORS, U.N.O.

EXTERIOR DOOR SCHEDULE

DOOR #	DOOR			TYPE	MATL	FRAME		FIRE RATING
	WD	HT	TH			TYPE	MATL	
100A	3'-0"	8'-0"	1 3/4"	3	ALUM	SF08	ALUM	
100B	3'-0"	8'-0"	1 3/4"	3	ALUM	SF08	ALUM	
117	3'-0"	7'-10"	1 3/4"	1	HM	A	HM	
118	3'-0"	7'-10"	1 3/4"	3	ALUM	SF05	ALUM	

INTERIOR DOOR SCHEDULE

DOOR #	DOOR				TYPE	MATL	SIDELIGHT WIDTH	FRAME		FIRE RATING
	WD	HT	TH	SIZE				TYPE	MATL	
100C	3'-0"	8'-0"	1 3/4"	3	ALUM	ALUM		SF10	ALUM	
100D	3'-0"	8'-0"	1 3/4"	3	ALUM	ALUM		SF10	ALUM	
101A	3'-0"	7'-0"	1 3/4"	1	WD		2'-0"	B	HM	
101B	3'-0"	7'-0"	1 3/4"	1	WD		1'-0"	B	HM	
102	3'-0"	7'-0"	1 3/4"	1	WD			A	HM	
103	3'-0"	7'-0"	1 3/4"	1	WD			A	HM	
106	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
107	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
108	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
109	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
110	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
111	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
112	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
113	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
114	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
115	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
116	3'-0"	7'-0"	1 3/4"	1	HM			A	HM	
119	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
120	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
121	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
122	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
123	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
124	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
125	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
126	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
127	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
128A	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
128B	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
130	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
131	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
132	3'-0"	7'-0"	1 3/4"	1	WD		2'-0"	B	HM	
133A	3'-0"	7'-0"	1 3/4"	1	WD		2'-0"	B	HM	
133B	3'-0"	7'-0"	1 3/4"	1	WD		2'-0"	B	HM	
134	3'-0"	7'-0"	1 3/4"	1	HM			A	HM	
135	3'-0"	7'-0"	1 3/4"	1	WD			A	HM	
136	3'-0"	7'-0"	1 3/4"	1	WD			A	HM	
137	2'-0"	7'-0"	1 3/4"	1	HM			A	HM	
138	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
139	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
144A	3'-0"	7'-0"	1 3/4"	1	HM			A	HM	
144B	3'-0"	7'-0"	1 3/4"	1	HM			A	HM	
206	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	45 MIN
207	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
208	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
209	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
210	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
211	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
212	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
213	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
214	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
215	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
217	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
218	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
220	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
221	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
222	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
223	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
224	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
225	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
226	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
227	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
228	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
229A	3'-0"	7'-0"	1 3/4"	1	WD			C	HM	
229B	3'-0"	7'-0"	1 3/4"	1	WD		2'-0"	B	HM	
230	3'-0"	7'-0"	1 3/4"	2	WD			A	HM	
231	3'-0"	7'-0"	1 3/4"	1	HM			A	HM	
232	3'-0"	7'-0"	1 3/4"	1	HM			A	HM	
233	3'-0"	7'-0"	1 3/4"	1	WD			A	HM	
234	3'-0"	7'-0"	1 3/4"	1	WD			A	HM	
235	3'-0"	7'-0"	1 3/4"	1	WD			A	HM	
236	3'-0"	7'-0"	1 3/4"	1	WD			A	HM	
237	2'-0"	7'-0"	1 3/4"	1	HM			A	HM	
238	3'-0"	7'-0"	1 3/4"	1	HM			A	HM	
239	3'-0"	7'-0"	1 3/4"	1	WD			A	HM	

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COUNCIL BLUFFS, IOWA 51501

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PROJECT NUMBER

25079

DOOR SCHEDULE AND TYPES

A600

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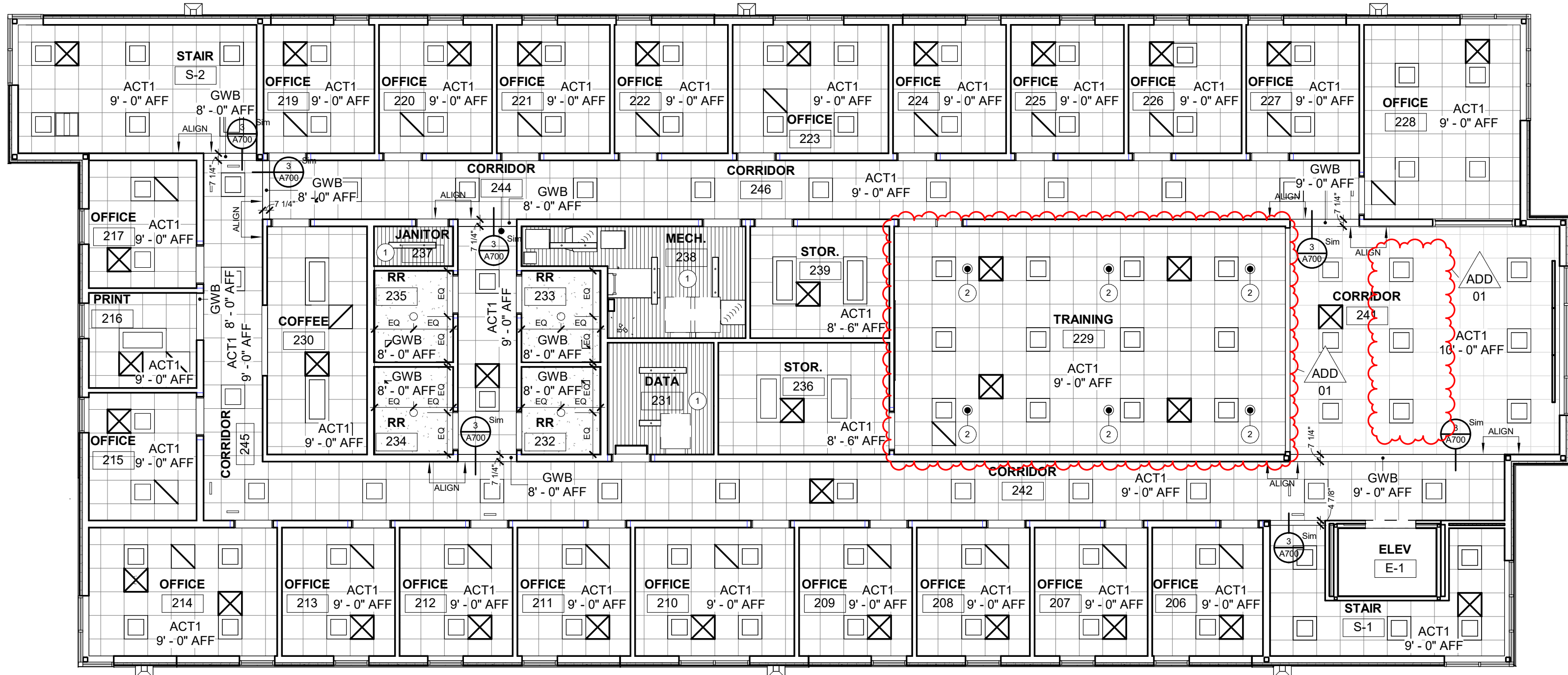
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kpff
SNYDER & ASSOCIATES
Alvine

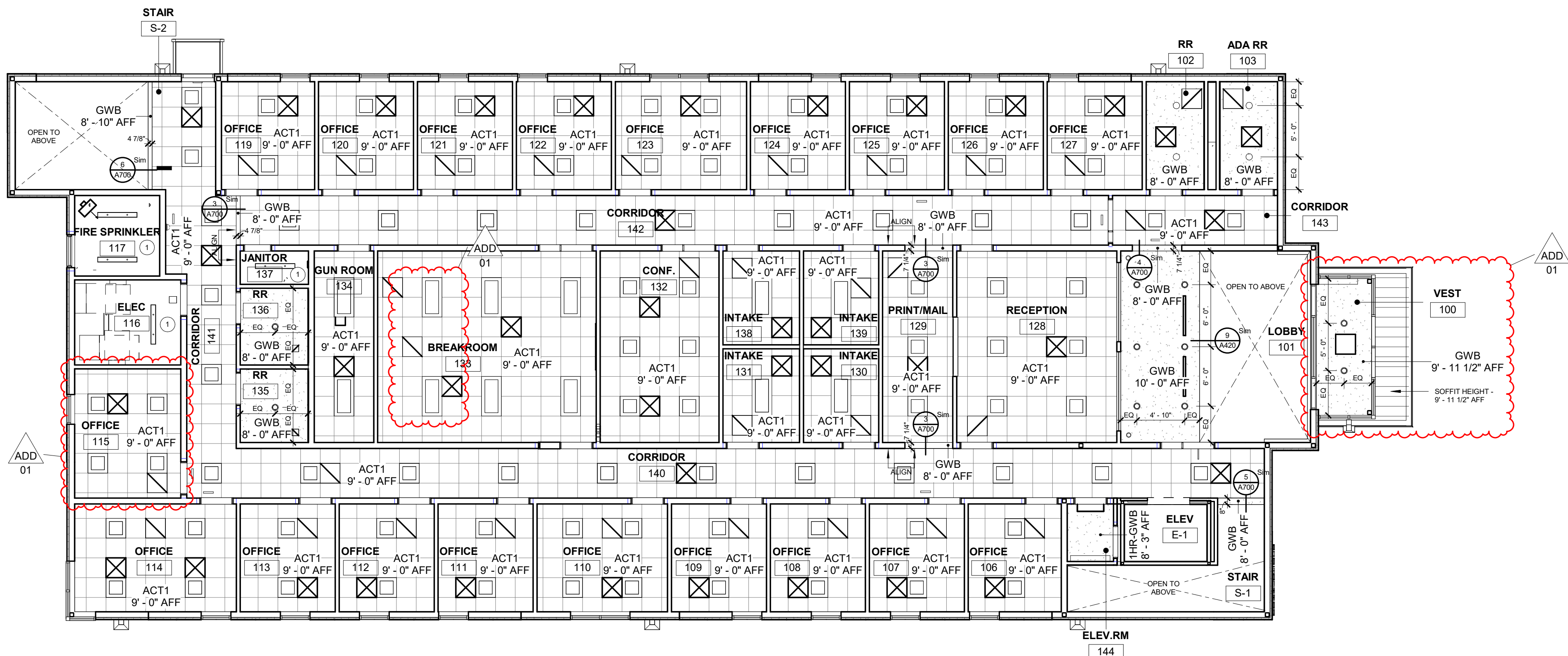
REFLECTED CEILING PLAN NOTES

EXPLODED STRUCTURE
SPEAKER SEE TECH

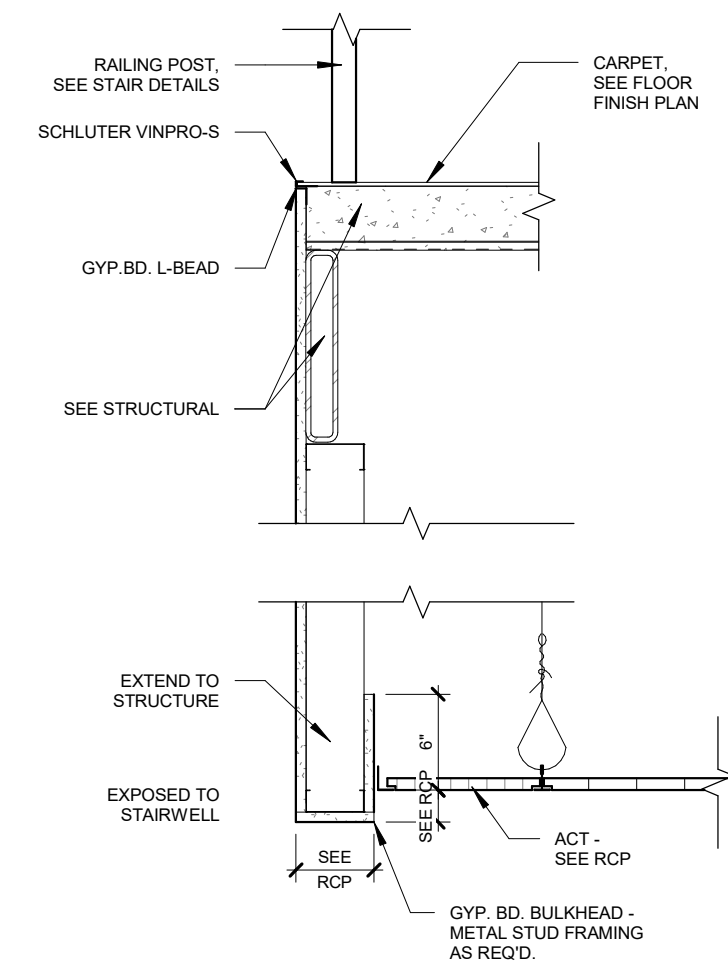
ADD
01



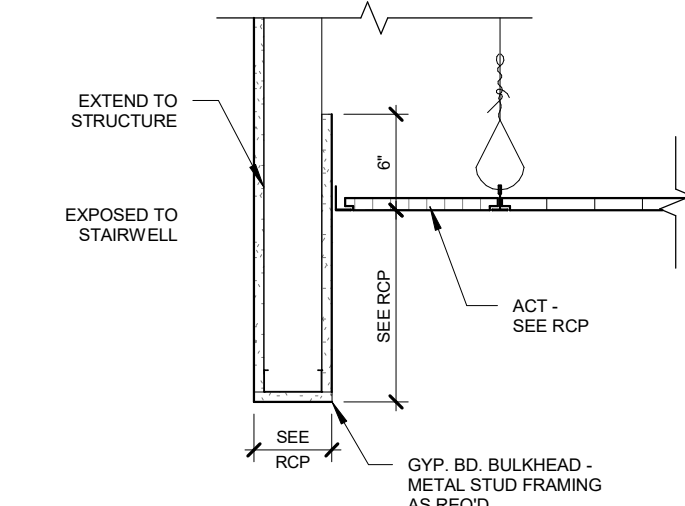
2 LEVEL 2
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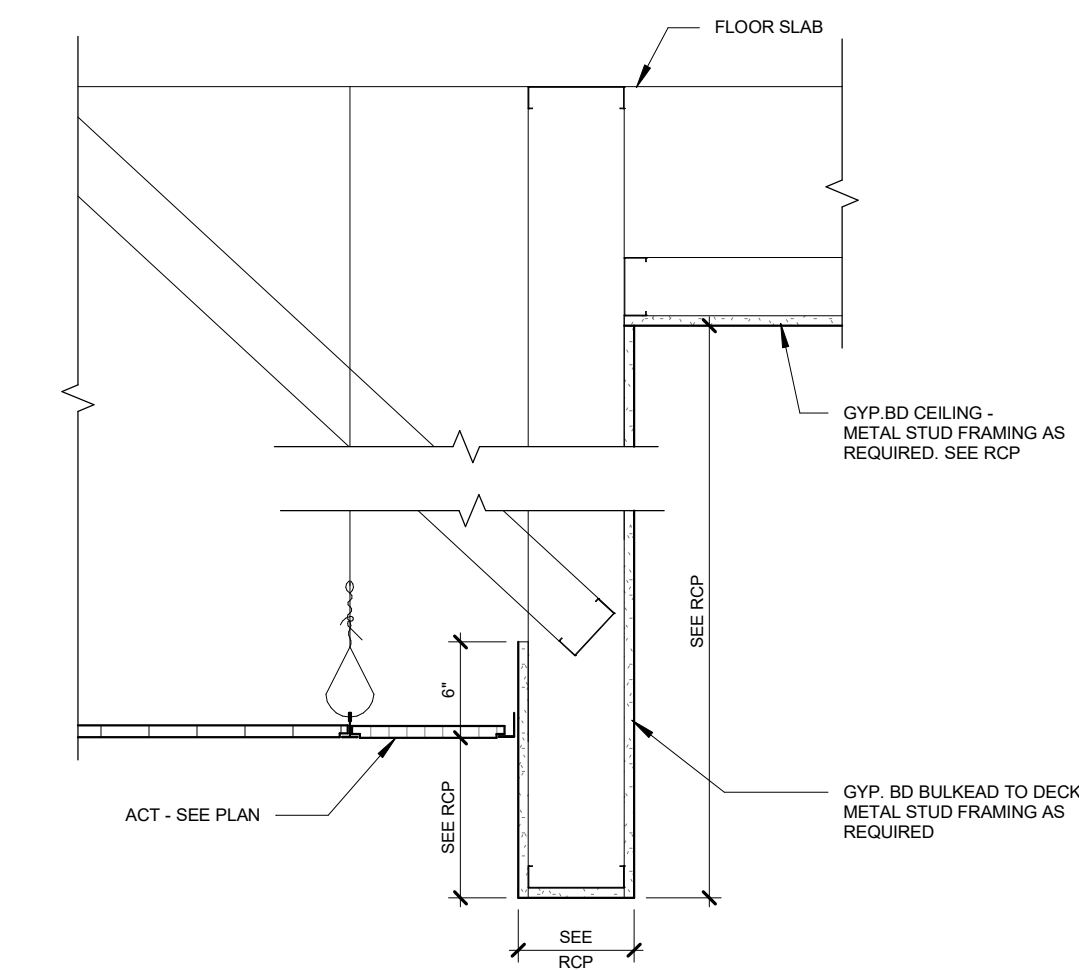
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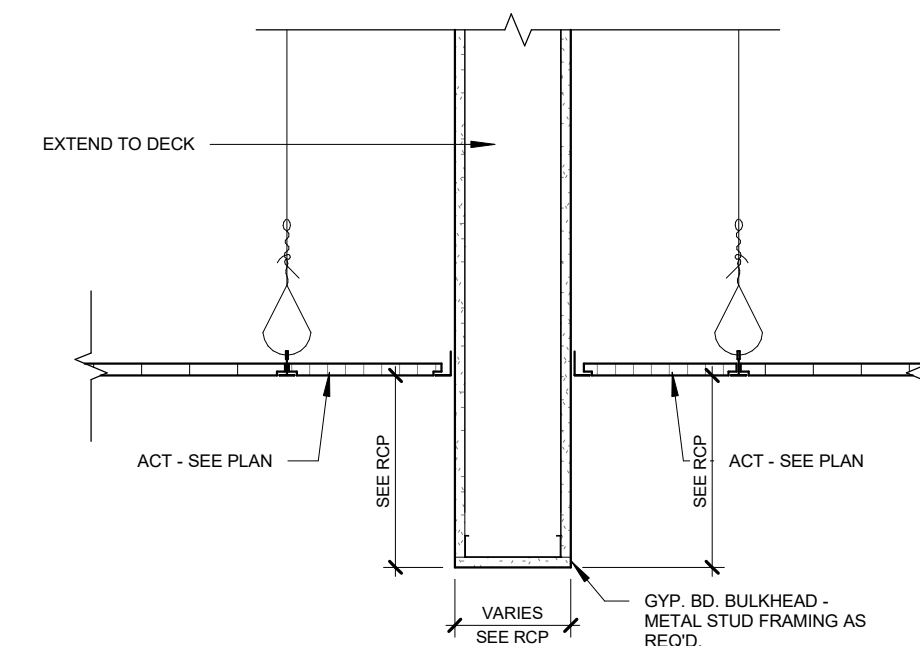
6 CEILING - ACT_GYP_RAILING
SCALE: 1" = 1'-0"



5 CEILING - ACT_GYP_EXPOSED
SCALE: 1" = 1'-0"



4 CEILING - ACT_BULKHEAD_GYP.BD
SCALE: 1" = 1'-0"



3 CEILING - GYP TO DECK_ACT
SCALE: 1" = 1'-0"

GENERAL FINISH NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION AND BEFORE ORDERING MATERIALS. DO NOT SCALE DRAWINGS.
2. REFER TO FLOOR FINISH PLAN FOR MORE INFORMATION ON FLOOR COVERING LOCATIONS, PATTERNS, AND ACCENT WALL LOCATIONS.
3. REFER TO ELEVATIONS FOR MORE INFORMATION ON TILE LOCATIONS, PATTERNS, MILLWORK AND ACCENT WALL PATTERNS.
4. REFER TO REFLECTED CEILING PLAN FOR MORE INFORMATION ON CEILING HEIGHTS, MATERIALS, PATTERNS, AND ACCENTS PAINT LOCATIONS.
5. EPOXY PAINT TO BE USED IN RESTROOMS, UNLESS NOTED OTHERWISE.
6. ALL GYPSUM BOARD CEILINGS TO BE PAINTED CEILING WHITE, UNLESS NOTED OTHERWISE.
7. PROVIDE METAL SCHLUTER TRANSITION STRIPS AT ALL TILE TRANSITIONS. VERIFY WITH DESIGNER.
8. ALL OTHER TRANSITION STRIPS TO BE SUBMITTED FOR APPROVAL BY DESIGNER.
9. 4" FIBERGLASS-REINFORCED PANELS BEHIND MOP SINK AND ALONG ADJACENT WALL(S).
10. ALL INTERIOR HOLLOW METAL DOORS AND FRAMES TO BE PAINTED PNT4, SEE DOOR SCHEDULE.
11. ALL STAIR RAILINGS AND STRINGERS TO BE PAINTED PNT4.

INTERIOR ELEVATION NOTES

1	PT1 WALL TILE, SEE ELEVATION FOR HEIGHT
2	PNT2 ACCENT WALL
3	PNT3 ACCENT WALL
4	SS2 SOLID SURFACE WINDOW SILL
5	ROLLER SHADE, SEE SPEC.
6	EPOXY PAINT
7	MOTORIZED ROLLER SHADE, SEE SPEC.
8	FULL HEIGHT CORNER GUARD, SEE SPEC.
9	STAIR TREADS/RISERS/LANDING TO BE CPT3 W/ RUBBER NOSING, SEE SPEC.
10	STAIR TREAD/LANDING TO BE PT1 W/ METAL NOSING, RISER TO BE PAINTED PNT 4.

ROOM NAME	(ROOM NAME) #
FLOOR FINISH	CPT#
BASE FINISH	RB#
WALL FINISH	PNT#
	FLOOR FINISH TAG

CARPET

CPT1	MANUFACTURER: TARKETT STYLE: UNIQUE CONNECTION STYLE NUMBER: 11895 SIZE: 24" X 24" COLOR: PATHWAY 72109 INSTALLATION: VERTICAL ASHLAR LOCATION: SEE FLOOR FINISH PLAN
------	---

CPT2	MANUFACTURER: TARKETT STYLE: INTERLACED GROWTH STYLE NUMBER: 11897 SIZE: 24" X 24" COLOR: PATHWAY 72109 INSTALLATION: VERTICAL ASHLAR LOCATION: SEE FLOOR FINISH PLAN
------	---

LUXURY VINYL TILE

LVT1	MANUFACTURER: PATCRAFT STYLE: TREELINE 5MM STYLE NUMBER: I721V SIZE: 7" X 48" COLOR: CAMEL-V2 00713 FINISH: 20 MIL WEAR LAYER INSTALLATION: STAGGER LOCATION: SEE FLOOR FINISH PLAN
------	--

LVT2	MANUFACTURER: INTERFACE STYLE: TEXTURED STONES STYLE NUMBER: A003 SIZE: 50CM X 50CM X 4.5MM COLOR: POLISHED CEMENT A00301 FINISH: 22 MIL WEAR LAYER INSTALLATION: ASHLAR LOCATION: SEE FLOOR FINISH PLAN
------	---

WALK OFF CARPET

WOC1	MANUFACTURER: TARKETT STYLE: ABRASIVE ACTION II STYLE NUMBER: 02578 SIZE: 24" X 24" COLOR: WINTER GRAY 19103 INSTALLATION: MONOLITHIC LOCATION: SEE FLOOR FINISH PLAN
------	---

PORCELAIN TILE

PT1	MANUFACTURER: CERAMIC TILEWORKS - PORTOBELLO AMERICA STYLE: ADROCK SIZE: 12" X 24" COLOR: ESPRESSO FINISH: MATTE INSTALLATION: SEE FLOOR FINISH PLAN & ELEVATIONS LOCATION: SEE FLOOR FINISH PLAN COMMENTS: GROUT: MAPEI GRAY 5009
-----	---

PORCELAIN TILE BASE

PTB1	MANUFACTURER: CERAMIC TILEWORKS - PORTOBELLO AMERICA STYLE: ADROCK SIZE: 3" X 12" BULLNOSE COLOR: ESPRESSO FINISH: MATTE LOCATION: SEE FLOOR FINISH PLAN COMMENTS: GROUT: MAPEI GRAY 5009
------	---

RESILIENT BASE

RB1	MANUFACTURER: TARKETT STYLE: TRADITIONAL VINYL BASE SIZE: 4" H X 12" COILS COLOR: TBD LOCATION: SEE FLOOR FINISH PLAN
-----	---

VINYL COMPOSITE TILE

VCT1	MANUFACTURER: SEE SPEC STYLE: SEE SPEC SIZE: 12" X 12" COLOR: SEE SPEC LOCATION: SEE FLOOR FINISH PLAN
------	--

ACOUSTIC CEILING TILE

ACT1	MANUFACTURER: USG STYLE: MARS CLIMA PLUS STYLE NUMBER: 24" X 24" COLOR: WHITE LOCATION: SEE REFLECTED CEILING PLAN COMMENTS: NRC: .80 MIN. / GRID: 15/16", WHITE
------	---

PLASTIC LAMINATE

PLAM1	MANUFACTURER: TBD STYLE: PREMIUM LAMINATE STYLE NUMBER: TBD COLOR: TBD FINISH: TBD LOCATION: SEE ELEVATIONS
-------	--

PLAM2	MANUFACTURER: WILSONART STYLE: STANDARD LAMINATE STYLE NUMBER: 5033-38 COLOR: HANDSPUN PEARL FINISH: FINE VELVET FINISH LOCATION: SEE ELEVATIONS
-------	---

QUARTZ

QTZ1	MANUFACTURER: WILSONART STYLE: Q4043 STYLE NUMBER: 61" X 128" X 2CM COLOR: DESERT VIEW LOCATION: SEE ELEVATIONS
------	---

SOLID SURFACE

SS1	MANUFACTURER: WILSONART STYLE: 9223SS STYLE NUMBER: 30" X 144" COLOR: ANGEL FALLS LOCATION: SEE ELEVATIONS
-----	--

SS2	MANUFACTURER: CORIAN STYLE: 30" X 144" STYLE NUMBER: CAMEO WHITE COLOR: WINDOW SILLS LOCATION: SEE ELEVATIONS
-----	---

PAINT

PNT1	MANUFACTURER: SHERWIN WILLIAMS STYLE: ADE SPEC STYLE NUMBER: SW 7029 COLOR: AGREEABLE GRAY FINISH: SEE SPECIFICATION PER APPLICATION LOCATION: SEE FLOOR FINISH PLAN
------	---

PNT2	MANUFACTURER: SHERWIN WILLIAMS STYLE: SW 7046 STYLE NUMBER: ANONYMOUS COLOR: SEE SPECIFICATION PER APPLICATION LOCATION: SEE FLOOR FINISH PLAN
------	--

PNT3	MANUFACTURER: SHERWIN WILLIAMS STYLE: SW STYLE NUMBER: TBD COLOR: SEE SPECIFICATION PER APPLICATION LOCATION: SEE ELEVATIONS
------	--

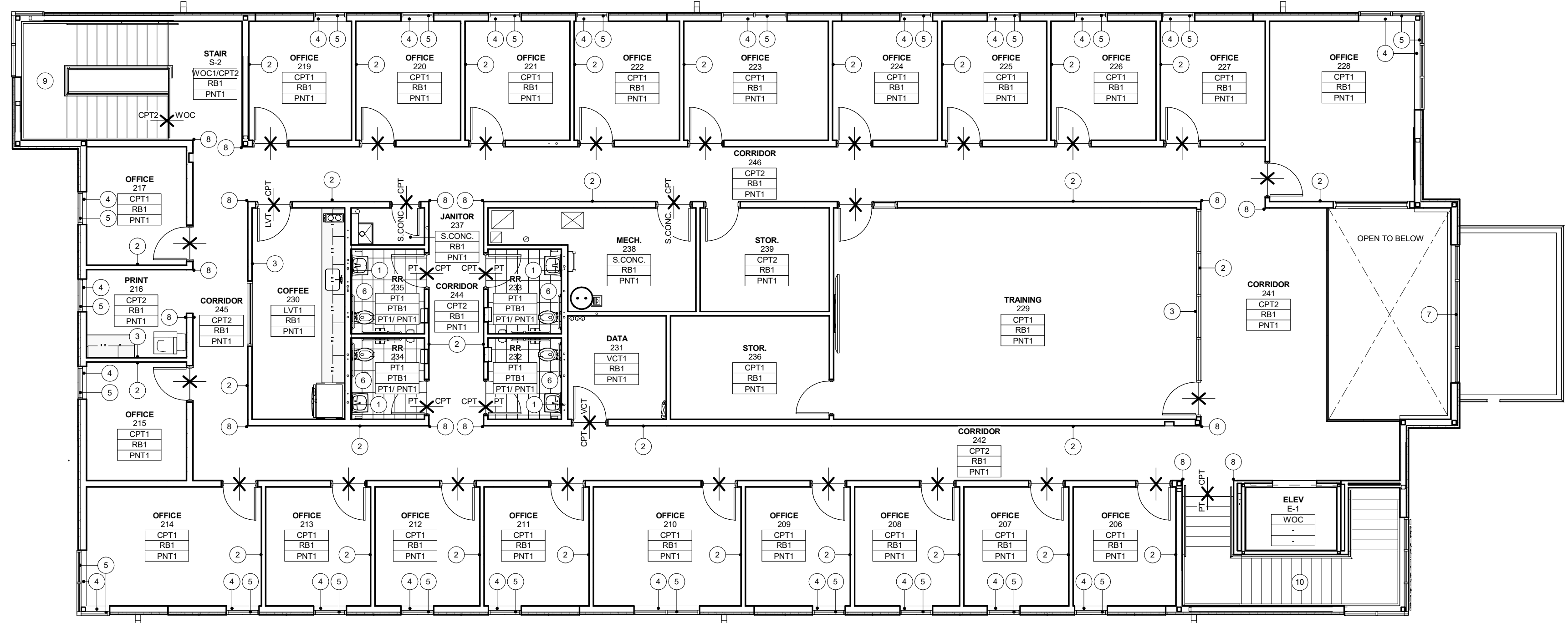
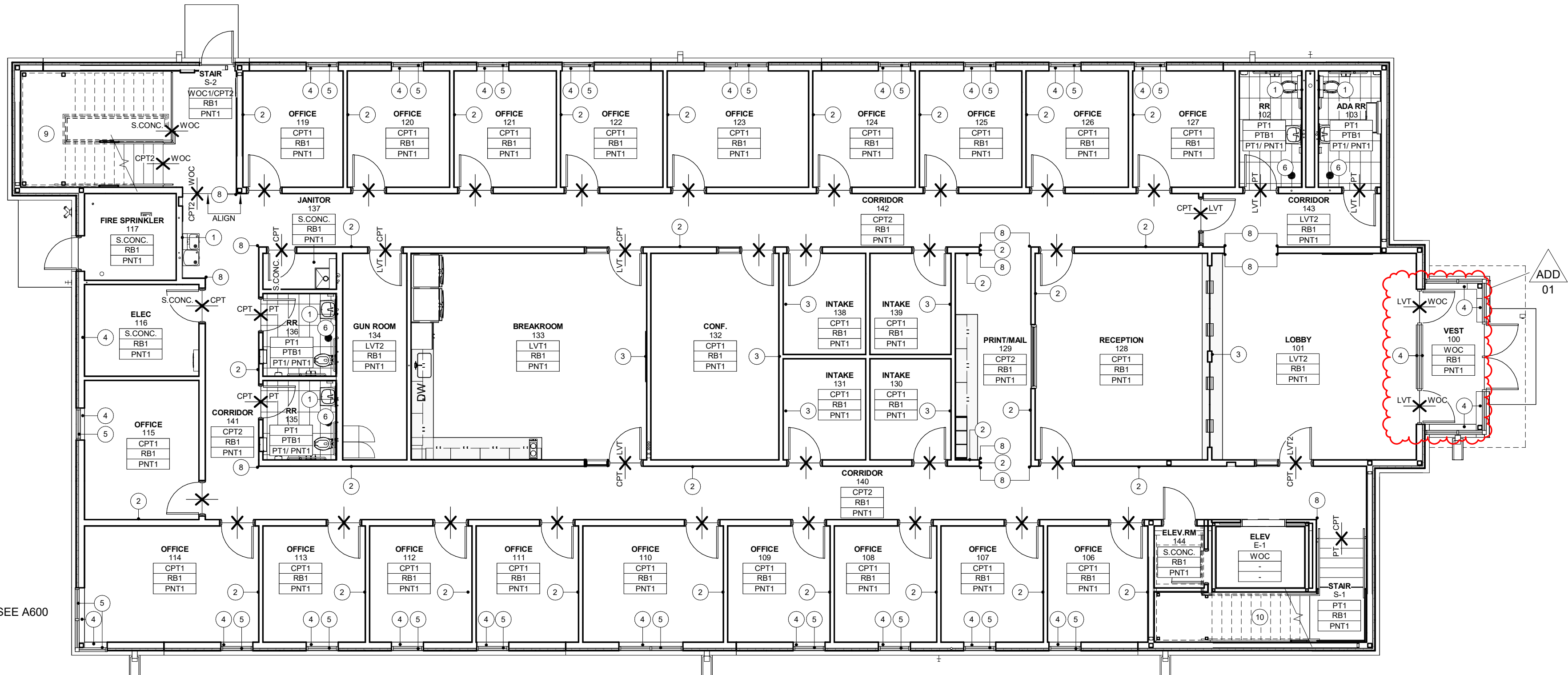
PNT4	MANUFACTURER: SHERWIN WILLIAMS STYLE: URBANE BRONZE STYLE NUMBER: SW 7048 COLOR: SEE SPECIFICATION PER APPLICATION FINISH: HOLLOW METAL FRAMES AND DOORS, RAILINGS, ETC. SEE A600 LOCATION: SEE ELEVATIONS
------	---

CORNER GUARD

CG1	MANUFACTURER: SEE SPEC STYLE: FULL HEIGHT STYLE NUMBER: SEE SPEC COLOR: SEE SPEC LOCATION: SEE FLOOR FINISH PLAN
-----	--

SEALED CONCRETE

S.CONC.	MANUFACTURER: SEE SPEC STYLE: SEE SPEC COLOR: SEE SPEC LOCATION: SEE FLOOR FINISH PLAN
---------	---

2 LEVEL 2 - FLOOR FINISH PLAN
SCALE: 1/8" = 1'-0"1 LEVEL 1 - FINISH FLOOR PLAN
SCALE: 1/8" = 1'-0"

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COUNCIL BLUFFS, IOWA 51501

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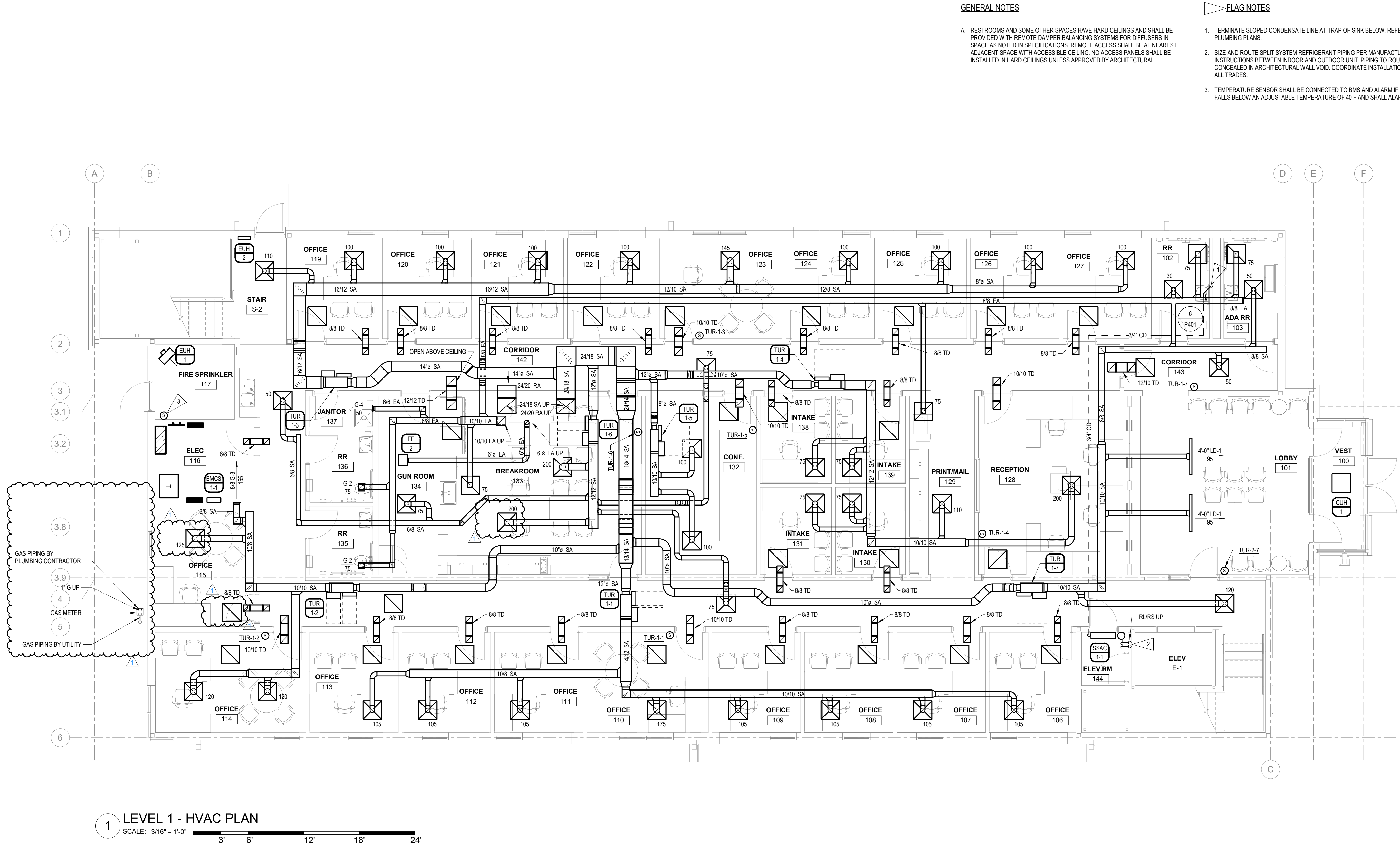
PROJECT NUMBER

25079

FLOOR FINISH PLAN

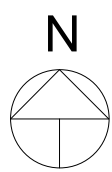
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CEILING SUPPLY AIR DIFFUSER SIZING SCHEDULE		
MARK	NECK SIZE	CFM RANGE
	6" Ø	0 - 110
	8" Ø	111-240
	10" Ø	241-420
	12" Ø	421-550
	14" Ø	551-680
	15" Ø	681-785
NOTES: 1. USE 24x24 PANELS FOR ALL LAY-IN CEILINGS. 2. ALL CEILING SUPPLY DIFFUSERS SHALL BE TYPE D-1 EXCEPT AS INDICATED ON THE PLANS. 3. SUPPLY AIR BRANCH DUCT TO DIFFUSER SHALL BE DIFFUSER NECK SIZE UNLESS OTHERWISE INDICATED.		

CEILING RETURN/EXHAUST GRILLE SIZING SCHEDULE		
MARK	NECK SIZE (INCHES)	CFM RANGE
	8x8	125 - 200
	10x10	201-360
	12x12	361-525
	14x14	526-705
	16x16	706-975
	18x18	976-1150
	22x22	1151-1600
	6x6	0-95
NOTES: 1. ALL CEILING EXHAUST OR RETURN GRILLES SHALL BE G-1 OR G-2 EXCEPT AS INDICATED ON THE PLANS. 2. BRANCH DUCT TO GRILLE SHALL BE GRILLE NECK SIZE OR EQUIVALENT ROUND DUCT UNLESS OTHERWISE INDICATED. 3. G-1 FACE SIZE SHALL BE 24" X 24". 4. USE 22" X 22" NECK SIZE ON G-1 IN PLENUM RETURN SYSTEMS. 5. G-2 FACE SIZE SHALL BE 8" X 8".		



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Des Moines, IA 50309 515.243.0569

GENERAL NOTES

- RESTROOMS AND SOME OTHER SPACES HAVE HARD CEILINGS AND SHALL BE PROVIDED WITH REMOTE DAMPER BALANCING SYSTEMS FOR DIFFUSERS IN SPACE AS NOTED IN SPECIFICATIONS. REMOTE ACCESS SHALL BE AT NEAREST ADJACENT SPACE WITH ACCESSIBLE CEILING. NO ACCESS PANELS SHALL BE INSTALLED IN HARD CEILINGS UNLESS APPROVED BY ARCHITECTURAL.

FLAG NOTES

- TERMINATE SLOPED CONDENSATE LINE AT TRAP OF SINK BELOW, REFER TO PLUMBING PLANS.
- SIZE AND ROUTE SPLIT SYSTEM REFRIGERANT PIPING PER MANUFACTURER INSTRUCTIONS BETWEEN INDOOR AND OUTDOOR UNIT. PIPING TO ROUTE CONCEALED IN ARCHITECTURAL WALL VOID. COORDINATE INSTALLATION WITH ALL TRADES.
- TEMPERATURE SENSOR SHALL BE CONNECTED TO BMS AND ALARM IF SPACE FALLS BELOW AN ADJUSTABLE TEMPERATURE OF 40 F AND SHALL ALARM.



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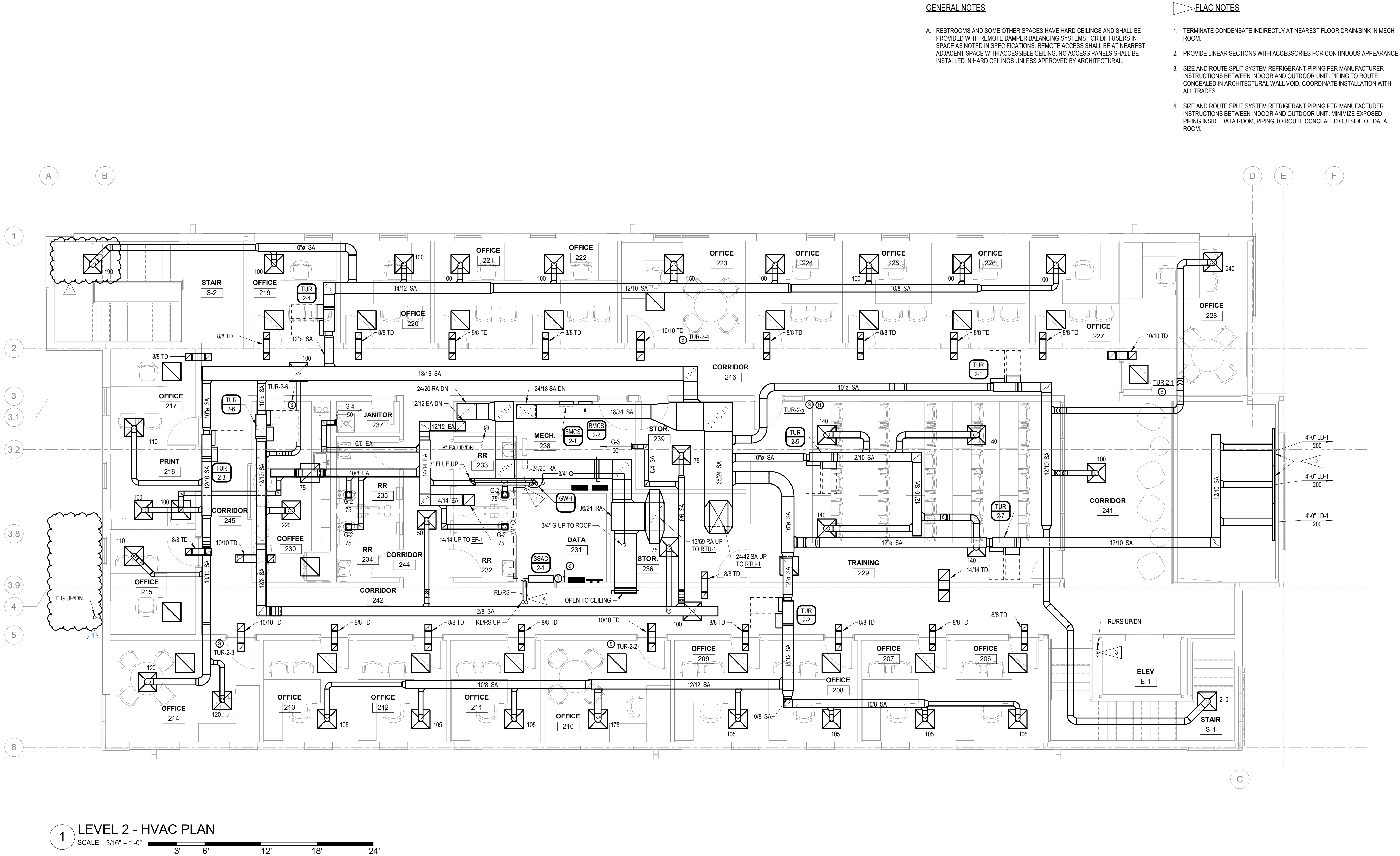
PROJECT NUMBER

25079

LEVEL 1 - HVAC PLAN

M100

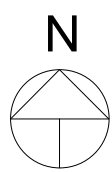
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1 LEVEL 2 - HVAC PLAN
SCALE: 3/16" = 1'-0"
3' 6' 12' 18' 24'

CEILING SUPPLY AIR DIFFUSER SIZING SCHEDULE		
MARK	NECK SIZE	CFM RANGE
	6" Ø	0 - 110
	8" Ø	111-240
	10" Ø	241-420
	12" Ø	421-550
	14" Ø	551-680
	15" Ø	681-785
NOTES: 1. USE 24x24 PANELS FOR ALL LAY-IN CEILINGS. 2. ALL CEILING SUPPLY DIFFUSERS SHALL BE TYPE D-1 EXCEPT AS INDICATED ON THE PLANS. 3. SUPPLY AIR BRANCH DUCT TO DIFFUSER SHALL BE DIFFUSER NECK SIZE UNLESS OTHERWISE INDICATED.		

CEILING RETURN/EXHAUST GRILLE SIZING SCHEDULE		
MARK	NECK SIZE (INCHES)	CFM RANGE
	8x8	125 - 200
	10x10	201-360
	12x12	361-525
	14x14	526-705
	16x16	706-975
	18x18	976-1150
	22x22	1151-1600
	6x6	0-95
NOTES: 1. ALL CEILING EXHAUST OR RETURN GRILLES SHALL BE G-1 OR G-2 EXCEPT AS INDICATED ON THE PLANS. 2. BRANCH DUCT TO GRILLE SHALL BE GRILLE NECK SIZE OR EQUIVALENT. ROUND DUCT UNLESS OTHERWISE INDICATED. 3. G-1 FACE SIZE SHALL BE 24" X 24". 4. USE 22" X 22" NECK SIZE ON G-1 IN PLENUM RETURN SYSTEMS. 5. G-2 FACE SIZE SHALL BE 8" X 8".		



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REVISIONS
04/30/2026 ADDENDUM #1

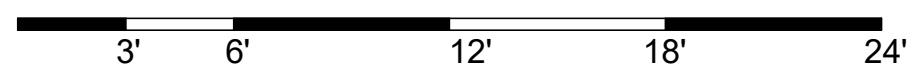
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PROJECT NUMBER
25079

LEVEL 2 - HVAC PLAN
M110

A. RTU OA INTAKE TO BE MINIMUM 10' FROM ALL EXHAUST FANS, GOOSENECKS AND PLUMBING VENTS.

1. ROUTE CONDENSATE FROM RTU ALONG ROOF AND TERMINATE INDIRECTLY ABOVE DOWNSPOUT. PROVIDE PRE-MANUFACTURED UNISTRUT ROOF STANDS THAT DO NOT PENETRATE ROOF.
2. PROVIDE PRE-MANUFACTURED ROLLER ROOF STANDS FOR GAS PIPING THAT DO NOT PENETRATE ROOF.
3. SIZE AND ROUTE SPLIT SYSTEM REFRIGERANT PIPING PER MANUFACTURER INSTRUCTIONS BETWEEN INDOOR AND OUTDOOR UNIT. PROVIDE ROOF MOUNTED PIPING WITH PRE-MANUFACTURED UNI-STRUT ROOF STANDS.
4. PREPARE EXPOSED GAS PIPING AT EXTERIOR WALL AND OVER PARAPET FOR FIELD PAINTING. COORDINATE WITH ARCHITECTURAL.



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The logo for Alvine, featuring a large, stylized blue letter 'A' with a small yellow triangle above its right vertical stroke, followed by the word 'alvine' in a lowercase, blue, sans-serif font.

400 E. Court Avenue, Ste. 130
Des Moines, IA 50309

515.243.0569

M120

SYMBOLS INDICATED HERE AND NOT USED IN THE CONTRACT DOCUMENTS DO NOT APPLY TO THIS PROJECT. ADDITIONAL SYMBOLS AND ABBREVIATIONS MAY BE INDICATED IN THE CONTRACT DOCUMENTS.

AFF	ABOVE FINISHED FLOOR	DDCV	DOUBLE DETECTOR CHECK VALVE	GA	GAUGE	NIC	NOT IN CONTRACT	SCD	SCHEDULE
AHJ	AUTHORITY HAVING JURISDICTION	DG	ASSEMBLY BACKFLOW PREVENTER	GALV	GALVANIZED	NO	NORMALLY OPEN	SCW	SOFT COLD WATER
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS	DIA	DIAMETER	GC	GENERAL CONTRACTOR	NM	NOMINAL	SHW	SOFT HOT WATER
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	DISC	DISCONNECT	GEN	GENERATOR	NPW	NON-POTABLE WATER	SM	SIMILAR
ASTM	STANDARD SPECIFICATIONS OF THE AMERICAN SOCIETY FOR TESTING MATERIALS	DISTR	AIR-DISTRIBUTION	GPA	GALLONS PER MINUTE	NTS	NOT TO SCALE	SM	SPRINKLER MAIN
AUX	AUXILIARY	DN	DOWN	GW	GARAGE WASTE	OA	OUTDOOR AIR	SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION
AV	A/C VENT	DPAC	DRY PIPE AIR COMPRESSOR	HGT	HEIGHT	OC	ON CENTER	SS	STAINLESS STEEL
AVG	AVERAGE	DPS	DOOR POSITION SWITCH	HP	HORSEPOWER	PERP	PERPENDICULAR	STD	STANDARD
AWG	A/C WASTE	DPV	DRY PIPE VALVE	HTG	HEATING	PI	PISTON INDICATOR VALVE	TEMP	TEMPERATURE
AWG	AMERICAN WIRE GAUGE	EA	EXHAUST AIR	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	PLB	PLUMBING	TYP	TYPICAL
BACS	BUILDING MANAGEMENT CONTROL SYSTEM	EX	DIRECT EXPANSION	IE	HERTZ, HIGH ZONE WET STANDPIPE	PNL	PANEL	UG	UNDERGROUND
BFP	DOUBLE CHECK BACKFLOW PREVENTER	EHC	ELECTRIC HEATING COIL	IE	INTERNET ELEVATION	PSF	POUNDS PER SQUARE FOOT	UNO	UNLESS NOTED OTHERWISE
BLDG	BUILDING	ELC	ELEVATION	KE	KEYWATT	PSC	POUNDS PER SQUARE INCH	UPS	UNINTERRUPTIBLE POWER SUPPLY
BTU	BRITISH THERMAL UNIT	ELEC	ELECTRICAL	KW	KILOWATT	PV	POLYVINYL CHLORIDE	VAC	VOLT-AMPS
BTUH	BRITISH THERMAL UNIT PER HOUR	EMS	ENERGY MANAGEMENT SYSTEM	LBS	POUNDS	PWR	POWER	VER	VERTICAL
CFH	CUBIC FEET PER HOUR	EOM	ECONOMIZER OUTDOOR AIR	LZ	LOW ZONE WET STANDPIPE	RA	RETURN AIR	VFC	VARIABLE FREQUENCY CURRENT
CFM	CUBIC FEET PER MINUTE	EPO	EMERGENCY POWER OFF EQUIPMENT	MA	MIXED AIR	RECQ	REQUIRED	VTR	VENT THROUGH ROOF
CLG	CENTER LINE	EXH	EXHAUST	MBH	1000 BTU/HOUR	RH	RELATIVE HUMIDITY	W	WATT
CLR	CEILING	EXIST	EXISTING	MECH	MECHANICAL	RLFA	RELIEF AIR	WG	WEATHERPROOF
CLR	CLEAR	F	FIRE WATER	MERV	MINIMUM EFFICIENCY REPORTING VALUE	ROOM	ROOM	XFMF	TRANSFORMER
CPVC	CHLORINATED POLYVINYL CHLORIDE	FA	FIRE ALARM	MIN	MINIMUM	RO	REVERSE OSMOSIS WATER		
CRAC	COMPUTER ROOM AIR CONDITIONER	FDC	FLOOR CLEAN OUT	MISC	MISCELLANEOUS	RPBPF	REDUCED PRESSURE BACKFLOW PREVENTER		
CV	CONSTANT VOLUME	FDO	FIRE DEPARTMENT CONNECTION	MOA	MINIMUM OUTDOOR AIR	RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER		
		FHC	FIRE HOSE CABINET	MTD	MOUNTED	SA	SUPPLY AIR		
		FHV	FIRE HOSE VALVE	NC	NORMALLY CLOSED	PSN	SANITARY		
		FL	FEET	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION				
		FW	FILTERED WATER						

A. DO NOT RUN PLUMBING PIPING OR EQUIPMENT ABOVE ELECTRICAL OR TELECOMMUNICATION PANELS AND ASSOCIATED EQUIPMENT OR IN CODE-REQUIRED CLEARANCE SPACES. COORDINATE ALL ROUTING WORK WITH ALL OTHER TRADES.

- C. DRAWINGS, PLANS, SCHEMATICS, AND DIAGRAMS INDICATE THE GENERAL LOCATIONS AND THE ARRANGEMENT OF SYSTEMS. WHEREVER PRACTICAL, INSTALL SYSTEMS AS INDICATED. PROVIDE OFFSETS AND ELEVATION CHANGES TO PLUMBING, PIPING, AND DUCTWORK AS REQUIRED TO COMPLETE THE LAYOUT AND COORDINATION PROCESS AS WELL AS MEET ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- D. CLEAN EXISTING UNDERGROUND SANITARY PIPING TO MANHOLE CONNECTION WITH CABLE AND BLADE PRIOR TO INSTALLATION AND CONNECTION OF NEW PIPING.

A. VERIFY EXACT LOCATION OF EXISTING UTILITIES IN THE FIELD PRIOR TO EXCAVATION. REPORT DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL CONDITIONS PRIOR TO PROCEEDING WITH WORK.

B. ANY UTILITY SHUTDOWN SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER PRIOR TO SHUT DOWN.

A. PROJECT DETAILS ARE PROVIDED ON DESIGNATED DETAIL SHEETS. DETAILS APPLY TO THE ENTIRE PROJECT IN ALL LOCATIONS WHERE DETAILED CONDITION EXISTS AND ARE ONLY REFERENCED TO PROVIDE CLARITY IF NECESSARY.

A. COORDINATE LOCATION OF DUCTWORK AND PIPING WITH ELECTRICAL CABLE TRAY. PROVIDE A MINIMUM OF 6" OF CLEAR ACCESS ABOVE CABLE TRAY FOR INSTALLATION OF CABLES.

B. CONTRACTOR IS RESPONSIBLE FOR ANY CUTTING AND PATCHING NEEDED FOR MECHANICAL INSTALLATION. PATCHING MUST MATCH EXISTING.

- A. COORDINATE LOCATION OF FIRE SPRINKLER PIPING AND HEADS WITH ALL TRADES PRIOR TO FINALIZATION OF SHOP DRAWINGS AND HYDRAULIC CALCULATIONS.
- B. SEE ARCHITECTURAL-REFLECTED CEILING PLANS FOR LOCATIONS OF ALL CEILING-MOUNTED DEVICES.
- C. DO NOT RUN FIRE SPRINKLER PIPING ABOVE ELECTRICAL OR TELECOMMUNICATION PANELS AND ASSOCIATED EQUIPMENT OR IN CODE REQUIRED CLEARANCE SPACES. COORDINATE WITH ELECTRICAL AND MECHANICAL CONTRACTOR.
- D. THE ONLY FIRE PROTECTION PIPING ALLOWED IN ELEVATOR MACHINE ROOMS, ELECTRICAL ROOMS, TELECOMMUNICATION ROOMS, DATA CLOSETS, AND ASSOCIATED RISER ROOMS IS THE BRANCH LINE SERVING THE FIRE SPRINKLERS REQUIRING THAT SPACE. FIRE PROTECTION PIPING MAY NOT PASS THROUGH THESE ROOMS TO SERVICE OTHER SPACES.
- E. SEE SPECIFICATIONS FOR FIRE SPRINKLER HEAD TYPES AND COLORS.
- F. ALL WORK SHALL COMPLY WITH NFA. THE LOCAL AUTHORITIES HAVING JURISDICTION, AND OWNERS' INSURANCE CARRIER.
- G. DIELECTRIC NIPPLES OR FLANGE INSULATION KITS SHALL BE UTILIZED FOR ALL DISMISSAL PIPE CONNECTIONS. DIELECTRIC UNIONS WILL NOT BE ACCEPTED.
- H. SPRINKLER CONTRACTOR SHALL PERFORM FIRE HYDRANT FLOW TESTING AT THE PROJECT SITE PRIOR TO HYDRAULIC DESIGN OF THE SYSTEM IN ORDER TO DETERMINE THE CURRENT AVAILABLE WATER PRESSURE AND FLOW AT THE SITE. HYDRAULIC CALCULATIONS AND SYSTEM DESIGN SHALL BE BASED ON THE ACTUAL FLOW TEST DATA OBTAINED BY THE SPRINKLER CONTRACTOR.
- I. IN LAY-IN CEILINGS CENTER THE SPRINKLERS IN TWO DIRECTIONS ON THE APPLICABLE CEILING TILE AND PROVIDE FLEXIBLE DROPS AS REQUIRED. REFER TO THE FLEXIBLE SPRINKLER DROP DETAILS FOR ADDITIONAL INFORMATION. IN OTHER CEILING TYPES, SPRINKLERS SHOULD NOT BE CLOSER THAN 6" TO AIR INLETS, OUTLETS, AND/OR LIGHT FIXTURES.
- J. BASE BID FOR SPRINKLER PIPING TO BE BLACK STEEL SCHEDULE 40. BIDDING CONTRACTOR SHALL PROVIDE A DEDUCT BID ALTERNATE FOR CPVC PIPING. REFER TO SPECIFICATIONS FOR PIPING REQUIREMENTS.

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**IOWA DAS - DOC
DJD CBC NEW
CENTRAL OFFICE
BUILDING**

818 S. 10TH STREET
COUNCIL BLUFFS, IOWA 51501

100% CONSTRUCTION DOCUMENTS
04/21/2026

04/30/2026 ADDENDUM #1



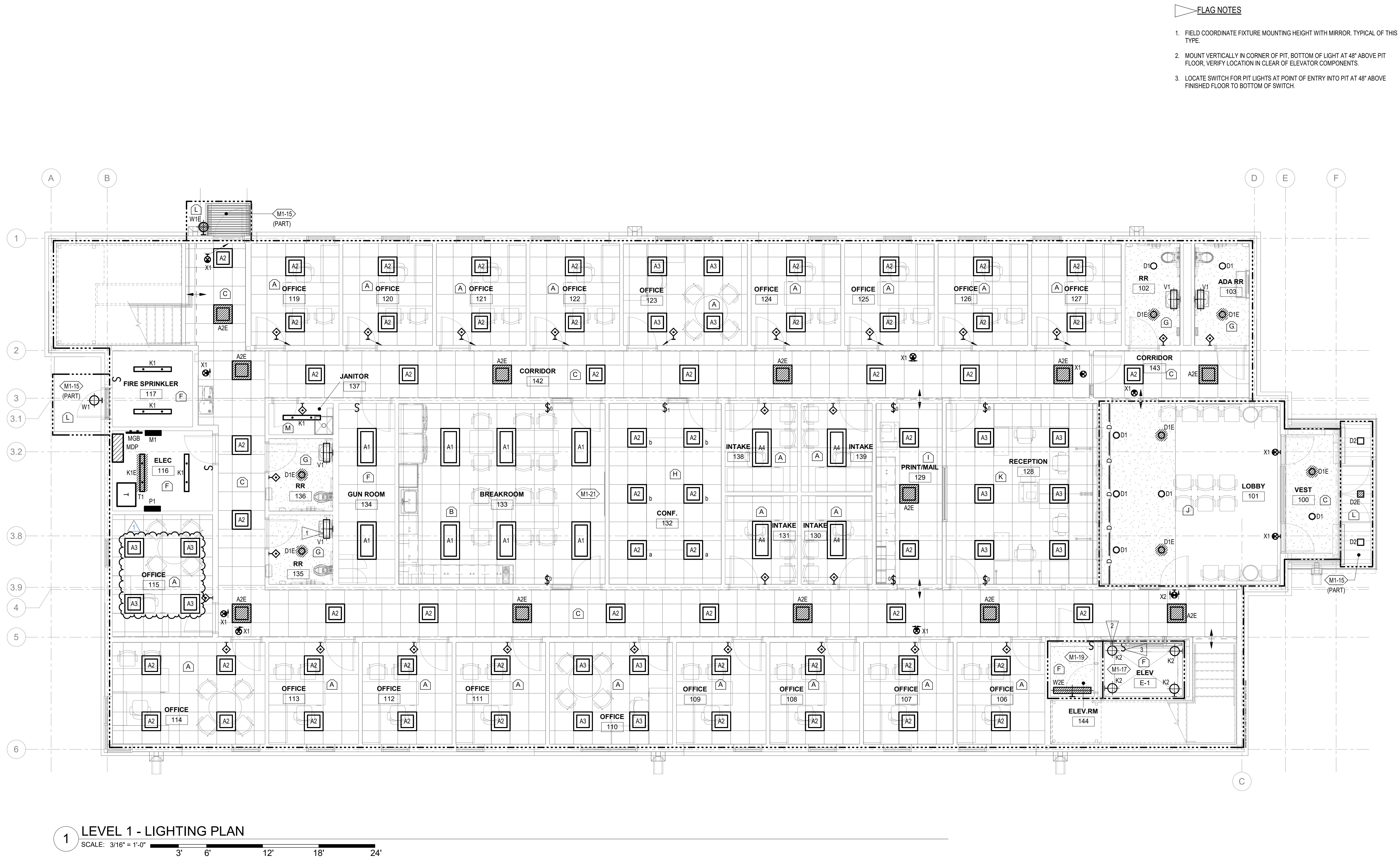
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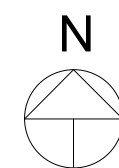
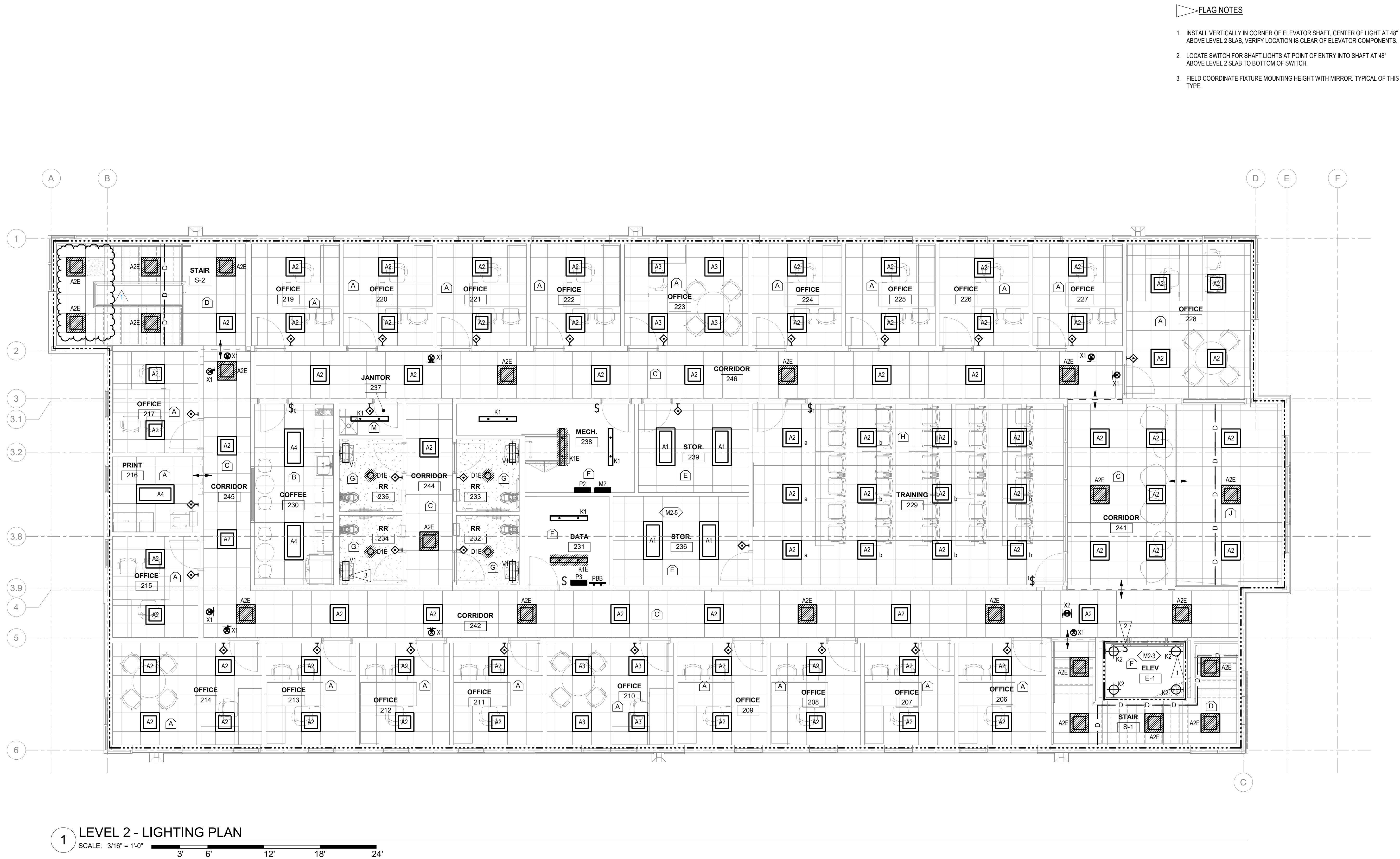
25079

PLUMBING SYMBOLS AND ABBREVIATIONS

P000

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IOWA DAS - DOC 4JD CBC NEW CENTRAL OFFICE BUILDING

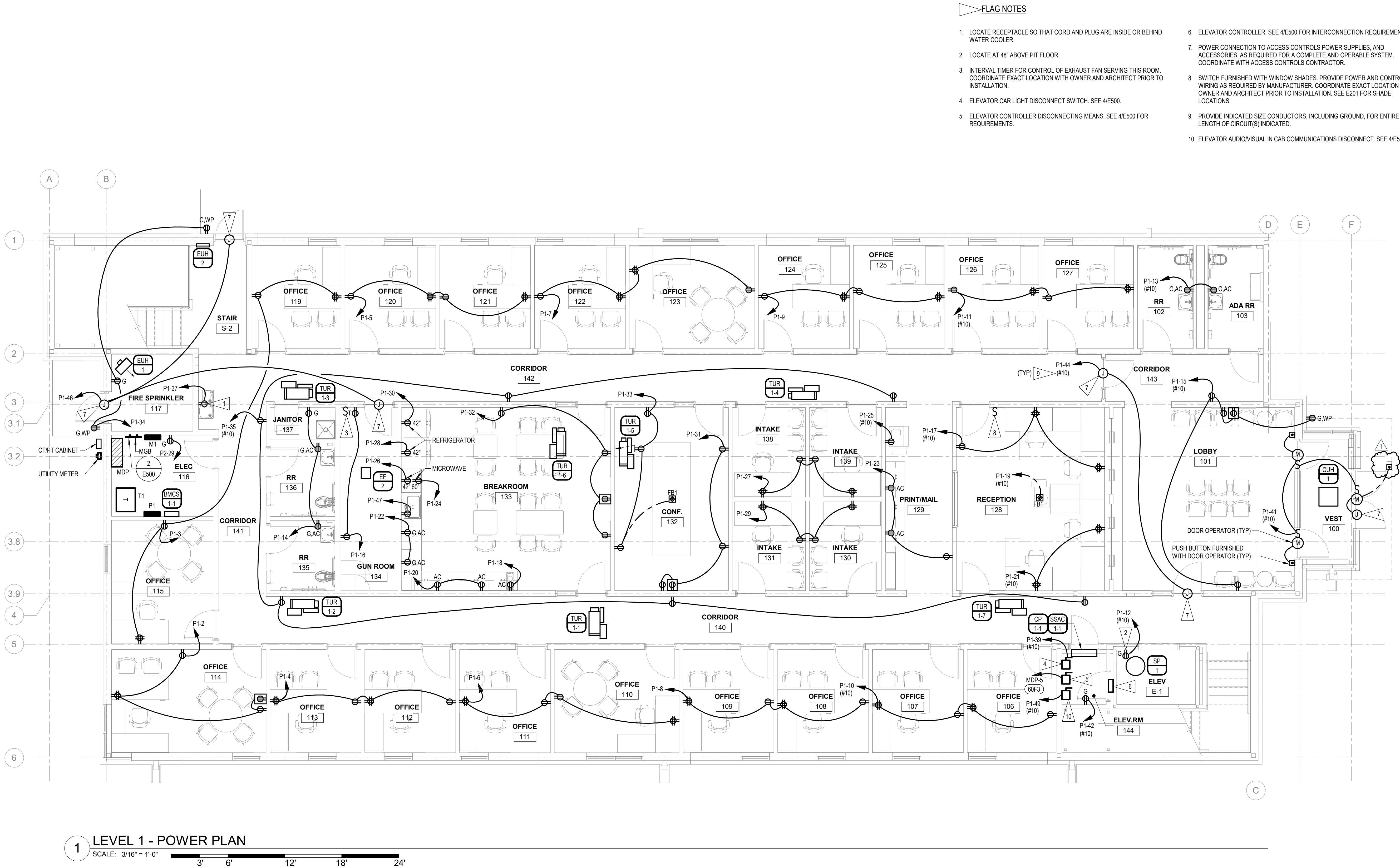
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ISSUANCE

100% CONSTRUCTION DOCUMENTS
04/21/2026

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IOWA DAS - DOC 4JD CBC NEW CENTRAL OFFICE BUILDING

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PROJECT NUMBER
25079

LEVEL 1 - POWER PLAN

E200

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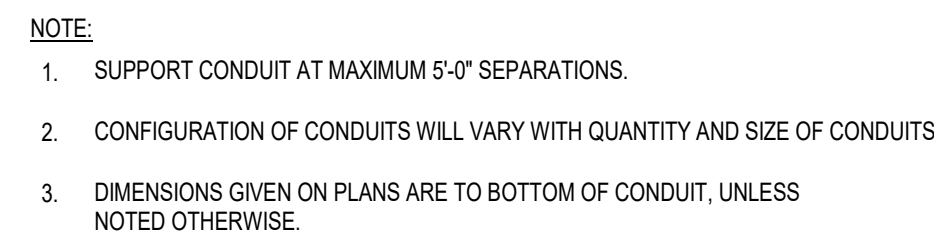


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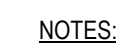
25079

LEVEL 1 - TECHNOLOGY FLOOR PLAN

T101



- 6 HORIZONTAL CONDUIT SUPPORT
T600 NO SCALE



1. UNLESS OTHERWISE INDICATED GENERAL CONTRACTOR TO PROVIDE ALL ELEMENTS SHOWN



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TECHNOLOGY DETAILS

T600