

DOCUMENT 00 91 13 02 - ADDENDUM 2

1.01 PROJECT INFORMATION

- A. Project Name: Union County Courthouse Addition.
- B. Owner: Union County Tennessee.
- C. Architect: BarberMcMurry architects.
- D. Architect Project Number: 175900.
- E. Date of Addendum: 1 March 2018.



1.02 NOTICE TO BIDDERS

- A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is **unchanged by this addendum**, at same time and location.
 - 1. Bid Date: 9 March 2018.
 - 2. Bid Time: 2:00 p.m., local time.
 - 3. Location: Union County Finance Office, 300 Main Street, Maynardville, TN 37807.

1.03 ATTACHMENTS

- A. This Addendum includes the following attached Documents and Specification Sections:
 - 1. Section 05 52 13 – Pipe and Tube Railings, dated 1 March 2018, reissued.
- B. This Addendum includes the following attached Sheets:
 - 1. Architectural Sheet A101, revised 1 March 2018, reissued.
 - 2. Architectural Sheet A401, revised 1 March 2018, reissued.

1.04 REVISIONS TO DIVISION 01 GENERAL REQUIREMENTS

- A. Specification Section 01 10 00 – Summary, (not reissued).
 - 1. Refer to Article 1.01, Add the following paragraph:
 - G. Concurrent Work: The Owner has contracts in place for a new roof and HVAC system. These contracts will be executed concurrently with the Work of this Contract. These operations should not interfere with the Work of this Contract.
 - 2. Refer to Article 1.02. Add the following paragraphs:
 - D. Staging: Coordinate use of the site with the Owner. Staging areas will be available adjacent to the project area.

E. Work Hours: Unless otherwise coordinated with the Owner, normal work hours will be 7:30 AM to 4:00 PM, Monday through Friday.

1.05 REVISIONS TO DIVISIONS 02 - 49 SPECIFICATION SECTIONS

A. Specification Section 05 50 00 – Metal Fabrications, (not reissued).

1. All steel exposed to the weather should be galvanized. Galvanized steel that is welded should receive galvanizing repair paint, high-zinc-dust-content paint complying with SSPC-Paint 20 and compatible with paints specified to be used.

END OF DOCUMENT 00 91 13 02

SECTION 05 52 13 – PIPE AND TUBE RAILINGS

PART 1 - GENERAL

1.01 SECTION REQUIREMENTS

- A. Submittals: Product data, Shop Drawings and Structural analysis data signed and sealed by a qualified professional engineer registered in the state where Project is located.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Stainless-Steel Pipe and Tube Railings:
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Blum, Julius & Co., Inc.
 - b. Paragon Aquatics.
 - c. Stainless Fabricators, Inc.
 - d. Sterling Dula Architectural Products, Inc. / KaneSterling.
 - e. Tri Tech, Inc.
 - f. Tubular Specialties Manufacturing, Inc.
 - g. Tuttle Railing Systems.
 - h. Wagner, R & B, Inc.

2.02 PERFORMANCE REQUIREMENTS

- A. Railings shall be capable of withstanding a uniform load of 50 lbf/ft. and a concentrated load of 200 lbf applied to handrails and top rails of guards in any direction. Uniform and concentrated loads need not be assumed to act concurrently.
- B. Railing infill shall be capable of withstanding a concentrated load of 50 lbf applied horizontally on an area of 1 sq. ft.. Infill load and other railing loads need not be assumed to act concurrently.

2.03 METALS

- A. Stainless-Steel Tubing: ASTM A 554, Grade MT 304.
- B. Stainless-Steel Bars and Shapes: ASTM A 276, Type 304.
- C. Brackets, Flanges, and Anchors: Cast or formed metal of same type of material and finish as supported rails unless otherwise indicated.

2.04 OTHER MATERIALS

- A. Nonshrink, Nonmetallic Grout: ASTM C 1107; recommended by manufacturer for exterior applications.

2.05 FABRICATION

- A. Assemble railing systems in shop to the greatest extent possible. Use connections that maintain structural value of joined pieces.
- B. Form changes in direction of railing members by bending.
- C. Fabricate railing systems and handrails for connecting members by welding.
- D. Provide manufacturer's standard wall brackets, flanges, miscellaneous fittings, and anchors to connect handrail and railing members to other construction.

2.06 FINISHES

- A. Stainless-Steel Railings: No. 4, directional satin.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Fit exposed connections accurately together to form tight, hairline joints.
- B. Set railings accurately in location, alignment, and elevation and free of rack.
- C. Coat concealed aluminum surfaces that will be in contact with cementitious materials or dissimilar metals with a heavy coat of bituminous paint.
- D. Anchor posts in concrete by forming or core-drilling holes 5 inches deep and 3/4 inch greater than OD of post. Fill annular space between post and concrete with nonshrink, nonmetallic grout.
- E. Attach handrails to wall with wall brackets.

END OF SECTION 05 52 00

SECTION 08 41 13 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

PART 1 - GENERAL

1.01 SECTION REQUIREMENTS

- A. Submittals: Product Data, Shop Drawings, and color Samples.
 - 1. For entrance doors, include hardware schedule.

PART 2 - PRODUCTS

2.01 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Design, engineer, fabricate, and install aluminum-framed storefronts to withstand structural loads indicated.
 - 1. Limit deflection of framing members normal to wall plane to 1/175 of clear span or an amount that restricts edge deflection of individual glazing lites to 3/4 inch, whichever is less.
 - 2. Limit deflection of framing members parallel to glazing plane to L/360 of clear span or 1/8 inch, whichever is smaller.
- B. Structural Testing: Systems tested according to ASTM E 330 at 150 percent of inward and outward wind-load design pressures do not evidence material failures, structural distress, deflection failures, or permanent deformation of main framing members exceeding 0.2 percent of clear span.
- C. Air Infiltration: Limited to 0.06 cfm/sq. ft. of fixed framing and glass area when tested according to ASTM E 283 at a static-air-pressure difference of 6.24 lbf/sq. ft.
- D. Water Penetration: Systems do not evidence water leakage when tested according to ASTM E 331 at minimum differential pressure of 20 percent of positive wind-load design pressure but not less than 6.24 lbf/sq. ft.
- E. Thermal Transmittance (U-factor): Fixed glazing and framing areas shall have U-factor of not more than 0.45 Btu/sq. ft. x h x deg F as determined according to NFRC 100.

2.02 ALUMINUM-FRAMED STOREFRONTS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Kawneer North America, an Arconic company.
 - 2. Oldcastle BuildingEnvelope.
 - 3. Trulite Glass & Aluminum Solutions, LLC.
 - 4. Tubelite Inc.
 - 5. YKK AP America Inc.
- B. Basis of Design Product: Kawneer TriFab VersaGlaze 451T.
- C. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated; ASTM B 209 sheet; ASTM B 221 extrusions.

- D. Framing Members: Manufacturer's standard extruded-aluminum framing members of thickness required and reinforced as required to support imposed loads.
1. Construction: Thermally broken.
- E. Doors: 1-3/4-inch-thick glazed doors with minimum 0.125-inch-thick, extruded-aluminum tubular rail and stile members. Mechanically fasten corners with reinforcing brackets that are deeply penetrated and fillet welded or that incorporate concealed tie rods. Provide snap-on, extruded-aluminum glazing stops and preformed gaskets.
1. Door Design: Medium stile; 3-1/2-inch nominal width. Provide 10-inch bottom rail.
 2. Accessible Doors: Smooth surfaced for width of door in area within 10 inches above floor or ground plane.
 3. Interior Doors: Provide BHMA A156.16 silencers, three on strike jamb of single-door frames and two on head of double-door frames.
 4. Exterior Doors: Provide compression weather stripping at fixed stops. At other locations, provide sliding weather stripping retained in adjustable strip mortised into door edge.
 5. Hardware:
 - a. West Entrance:

| | | |
|-------|------------------|--------------------------|
| 3 | Pivots | Manufacturer's standard. |
| 1 | Closer | LCN 4040 |
| 1 | Cylinder | |
| 1 | Pull Bar | Rockwood RM3301 x 74" |
| 1 | Exit Device | Von Duprin 33A-T |
| 1 | Threshold | Manufacturer's standard. |
| 1 set | Weatherstripping | Manufacturer's standard. |
| 1 | Door Sweep | Manufacturer standard. |
| 1 | Door Stop | Manufacturer's standard. |
 - b. East Entrance:

| | | |
|-------|--------------------|---|
| 3 | Pivots | Manufacturer's standard. |
| 1 | Automatic Operator | |
| 1 | Deallock | Adams-Rite MS1850. |
| 1 | Cylinder | Keyed outside to existing, Thumb turn inside. |
| 1 | Pull Bar | Rockwood RM3301 x 74" |
| 1 | Push Bar | Rockwood RM412 x 36 |
| 1 | Threshold | Manufacturer's standard. |
| 1 set | Weatherstripping | Manufacturer's standard. |
| 1 | Door Sweep | Manufacturer standard. |
| 1 | Door Stop | Manufacturer's standard. |
 6. Hardware Finish: US32D.
- F. Glazing: Comply with Section 08 80 00 "Glazing."
- G. Glazing Gaskets: Manufacturer's standard sealed-corner pressure-glazing system of black, resilient elastomeric glazing gaskets, setting blocks, and shims or spacers.
- H. Fasteners and Accessories: Compatible with adjacent materials, corrosion resistant, nonstaining, and nonbleeding. Use concealed fasteners except for application of door hardware.
- I. Fabrication: Fabricate framing in profiles indicated for flush glazing (without projecting stops). Provide subframes and reinforcing of types indicated or, if not indicated, as

required for a complete system. Factory-assemble components to greatest extent possible. Disassemble components only as necessary for shipment and installation.

1. Door Framing: Reinforce to support imposed loads. Factory-assemble door and frame units and factory-install hardware to greatest extent possible. Reinforce door and frame units for hardware indicated. Cut, drill, and tap for factory-installed hardware before finishing components.

J. Aluminum Finish: High-performance organic; two-coat fluoropolymer system complying with AAMA 2604, with finish coats containing at least 70 percent polyvinylidene fluoride resin by weight.

1. Color: As selected by Architect from manufacturer's full range.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Isolate metal surfaces in contact with incompatible materials, including wood, by painting contact surfaces with bituminous coating or primer or by applying sealant or tape recommended by manufacturer.

B. Install components to drain water passing joints, condensation occurring within framing members, and moisture migrating within the system to exterior.

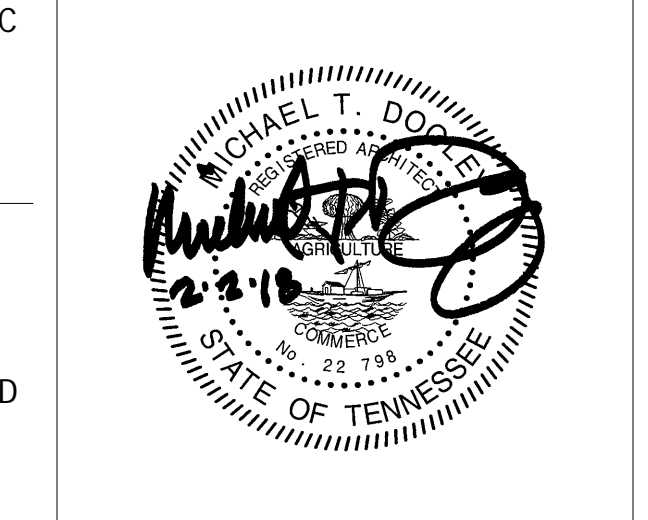
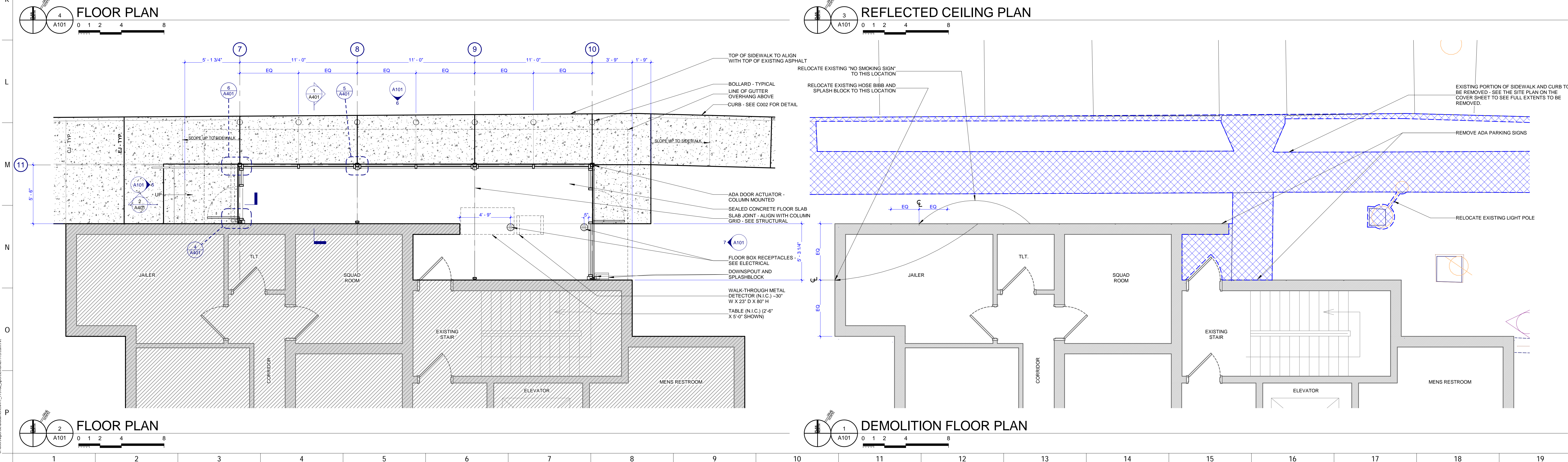
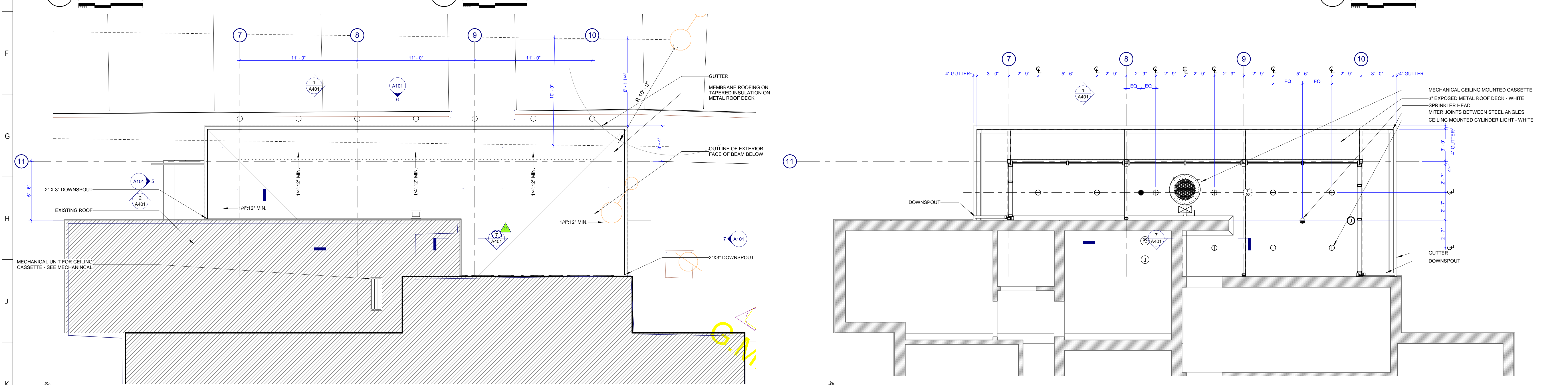
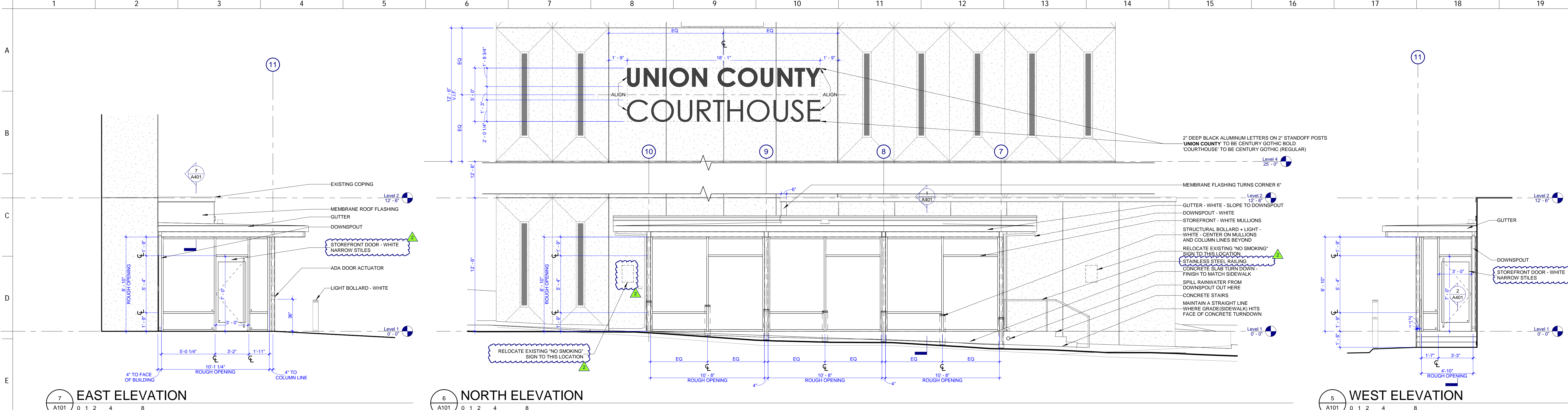
C. Set continuous sill members and flashing in full sealant bed as specified in Section 07 92 00 "Joint Sealants" to produce weathertight installation.

D. Install framing components true in alignment with established lines and grades to the following tolerances:

1. Variation from Plane: Limit to 1/8 inch in 12 feet; 1/4 inch over total length.
2. Alignment: For surfaces abutting in line, limit offset to 1/16 inch. For surfaces meeting at corners, limit offset to 1/32 inch.
3. Diagonal Measurements: Limit difference between diagonal measurements to 1/8 inch.

E. Install doors without warp or rack. Adjust doors and hardware to provide tight fit at contact points and smooth operation.

END OF SECTION 08 41 13



PROJECT NUMBER
175900

PROJECT NAME
**UNION COUNTY
 COURTHOUSE ADDITION**

OWNER
UNION COUNTY

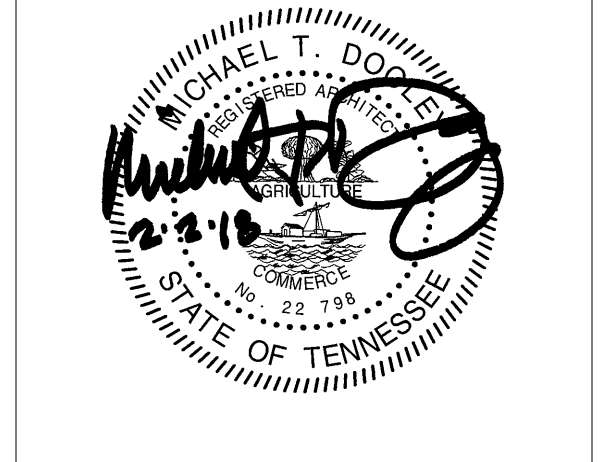
PROJECT ADDRESS
**901 MAIN ST.
 MAYNARDVILLE, TN 37807**

- GENERAL NOTES**
- COORDINATE WITH APPLICABLE DIMENSIONS AND DETAILS ON OTHER SHEETS.
 - NOTES AND DETAILS ARE TYPICALLY APPLICABLE TO SIMILAR ITEMS ELSEWHERE ON THE SHEET.
 - PROVIDE BLOCKING, ROUGH HOWE, ETC. AS REQUIRED TO MOUNT EQUIPMENT.
 - * INDICATES LOCATIONS REQUIRING SAFETY GLAZING.

WALL LEGEND

EXISTING TO REMAIN

| | |
|-------------------|---------------------|
| PARTNER-IN-CHARGE | MTD |
| PROJECT MANAGER | KDP |
| DRAWN BY | KDP |
| REVIEWED BY | AMB |
| ISSUE DATE | 02.02.2018 |
| REVISIONS | |
| 2 | ADDENDUM 03.01.2018 |



PROJECT NUMBER
175900

PROJECT NAME
UNION COUNTY COURTHOUSE ADDITION

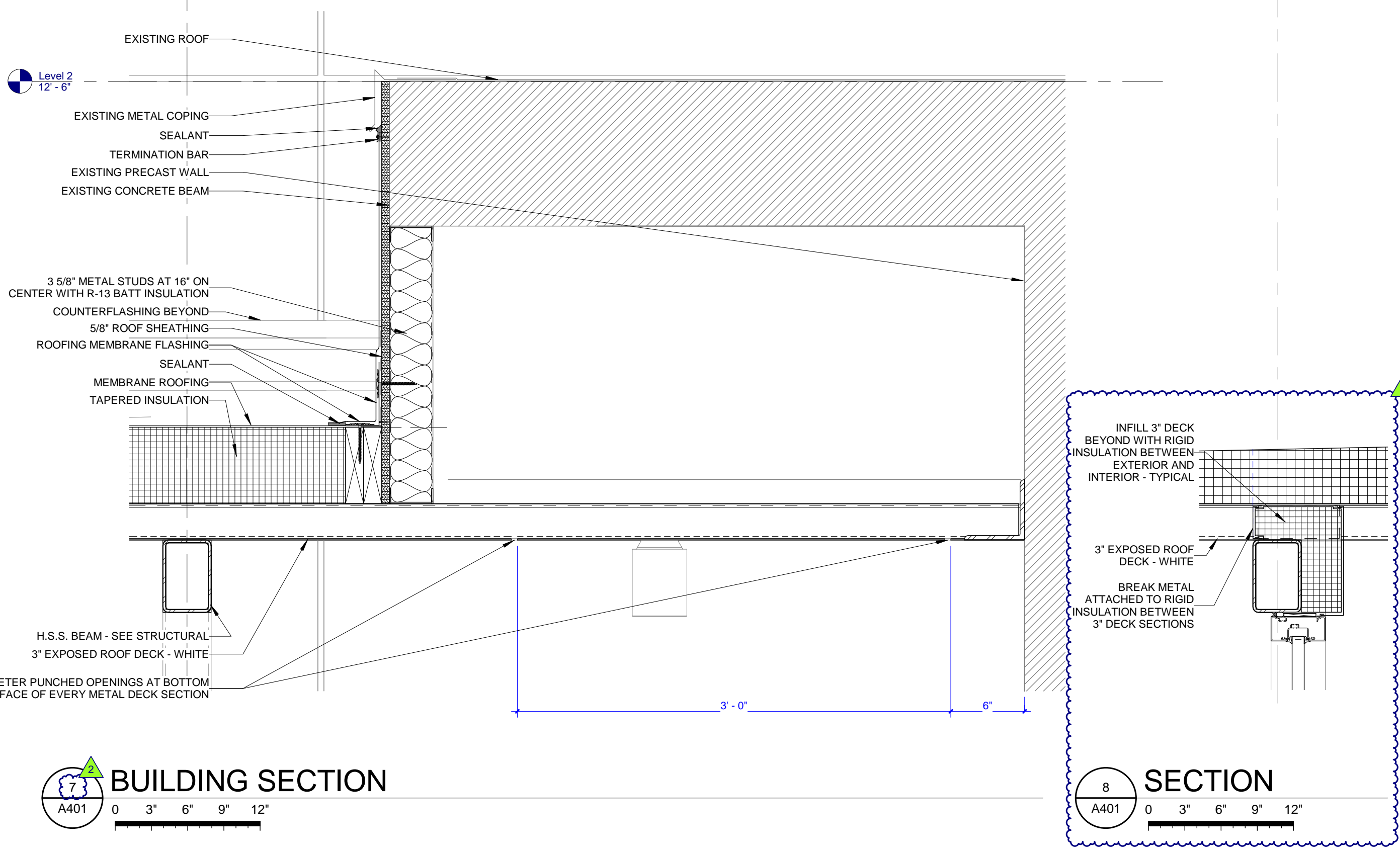
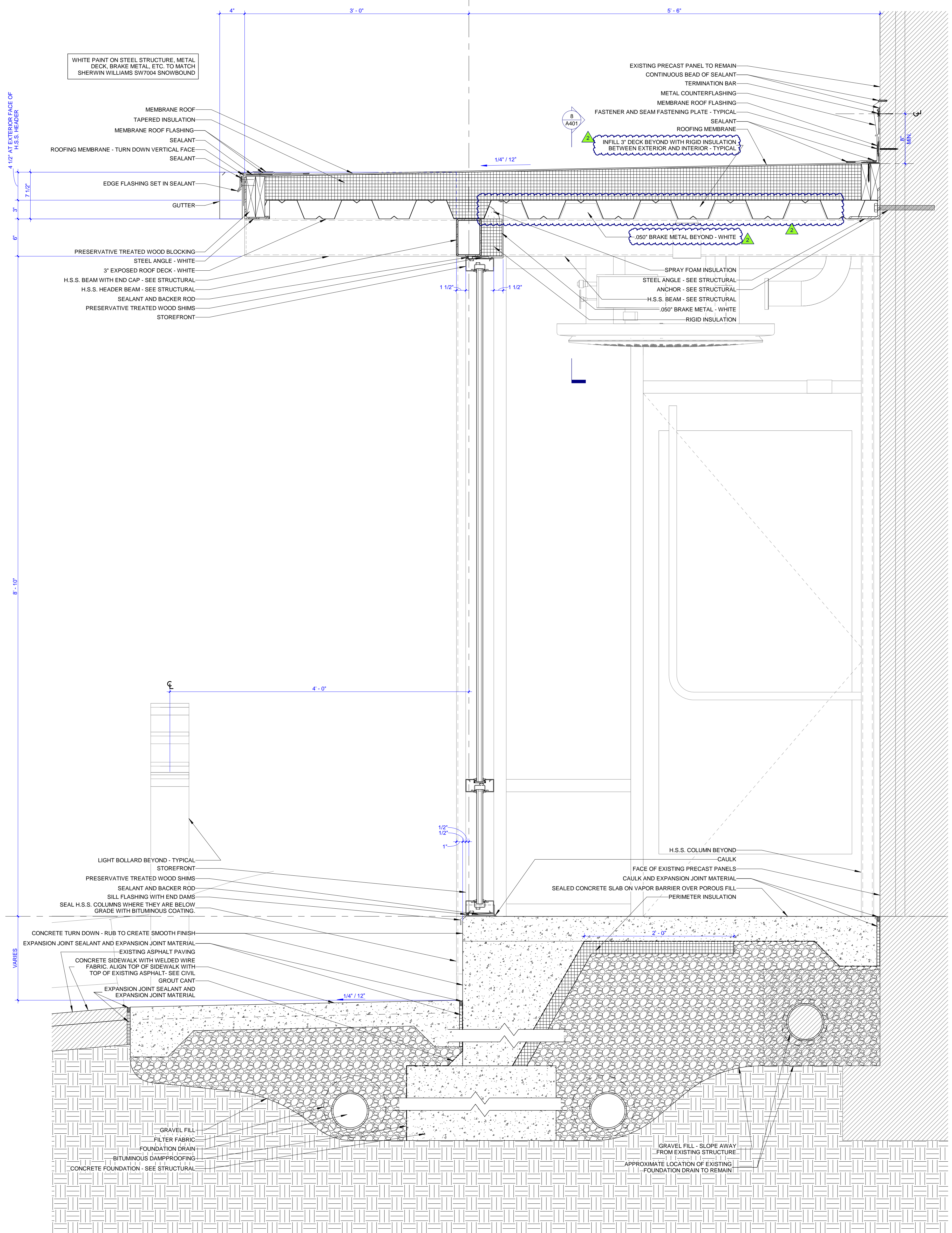
OWNER
UNION COUNTY

PROJECT ADDRESS
**901 MAIN ST.
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GENERAL NOTES - WALL SECTIONS

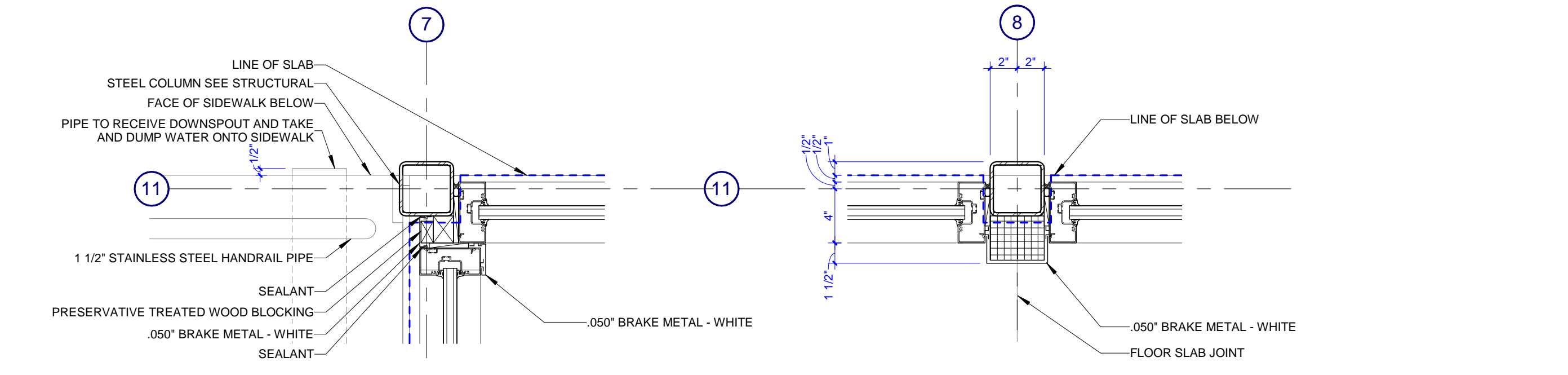
- COORDINATE WITH APPLICABLE NOTES AND DIMENSIONS ON OTHER SHEETS.
- NOTES AND DETAILS ARE TYPICALLY APPLICABLE TO SIMILAR ITEMS DRAWN ELSEWHERE ON THE SHEET.
- SEE STRUCTURAL DRAWINGS FOR SIZE, DEPTH, AND REINFORCING OF ALL FOOTINGS.
- SEE STRUCTURAL DRAWINGS FOR SIZES AND CONNECTIONS OF ALL STRUCTURAL STEEL FRAMING MEMBERS.

| | |
|-------------------|---------------------|
| PARTNER-IN-CHARGE | MTD |
| PROJECT MANAGER | KDP |
| DRAWN BY | KDP |
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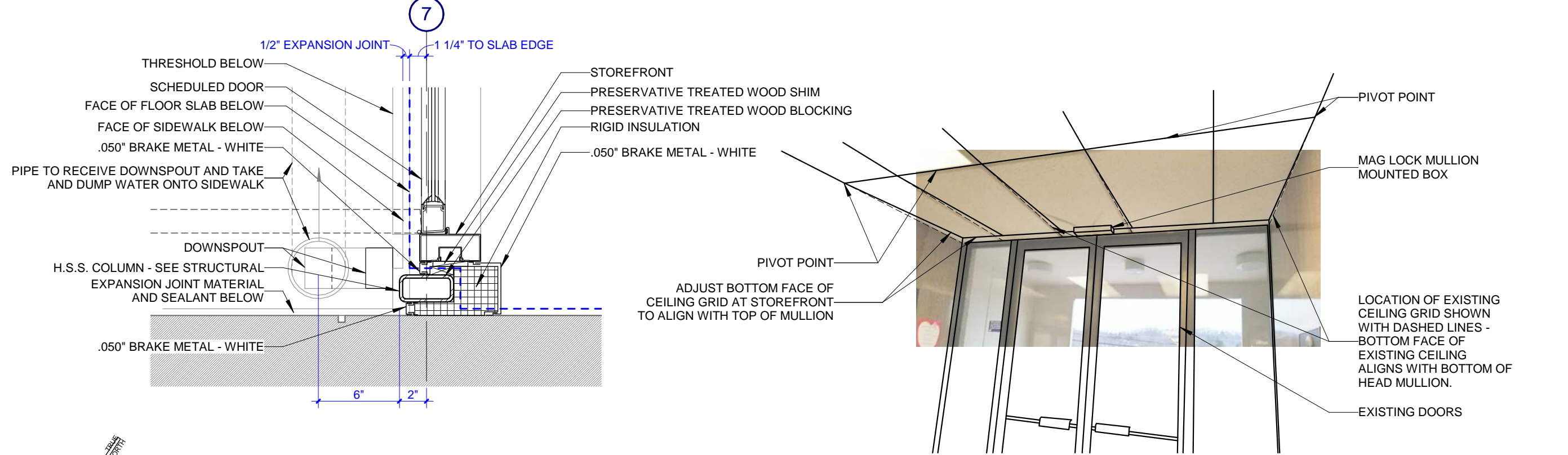
7 BUILDING SECTION
 A401 0 3' 6' 9' 12'

8 SECTION
 A401 0 3' 6' 9' 12'



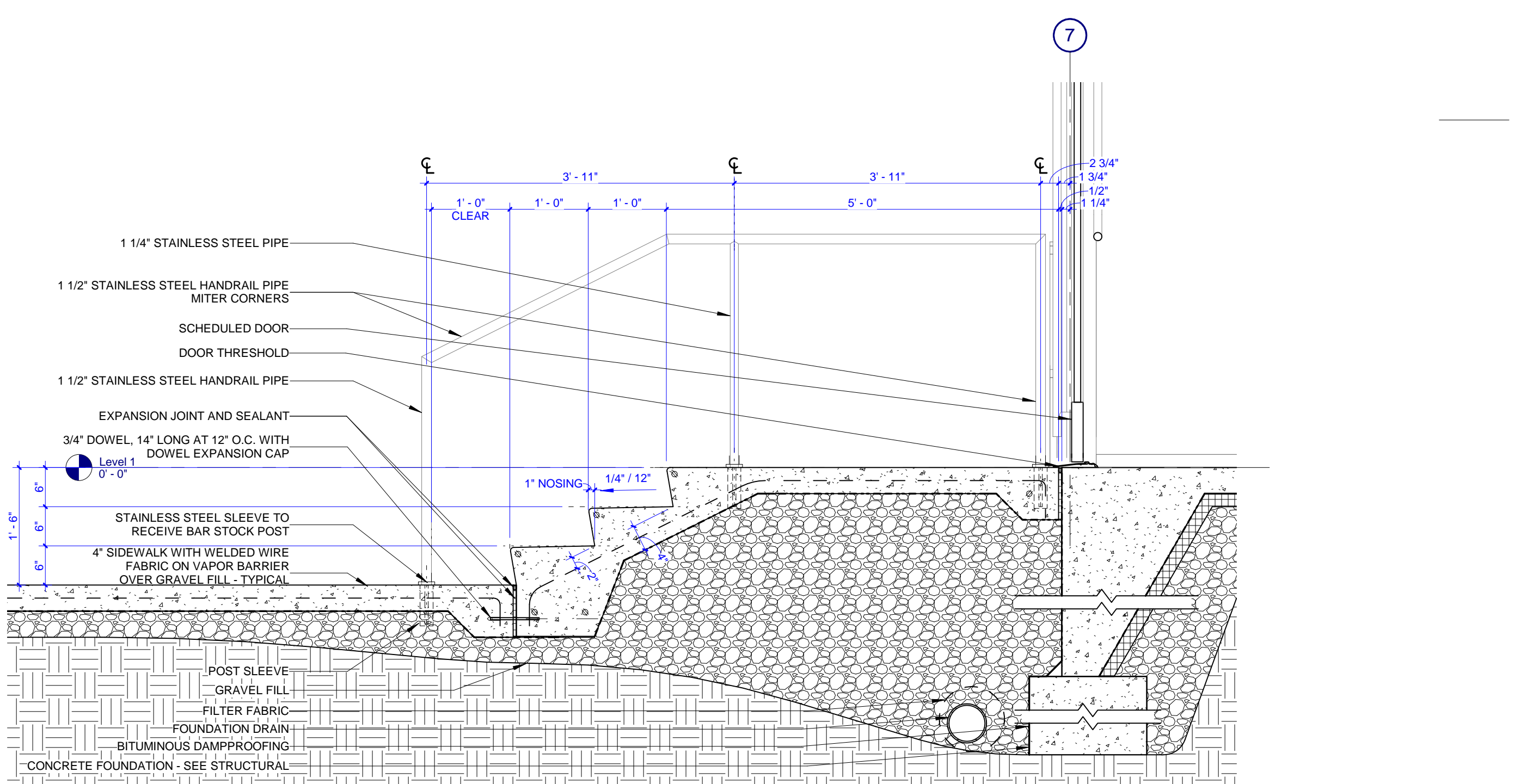
6 PLAN DETAIL
 A401 0 3' 6' 9' 12'

5 PLAN DETAIL
 A401 0 3' 6' 9' 12'



4 PLAN DETAIL
 A401 0 3' 6' 9' 12'

3 UPPER FLOOR VESTIBULE PERSPECTIVE
 NOT TO SCALE



2 BUILDING SECTION
 A401 0 6' 1 2'

1 BUILDING SECTION
 A401 0 3' 6' 9' 12'