

# Addendum 02

DOCUMENT 00 91 00

**DATE:** April 22, 2026

**PROJECT:** DeKalb County Central United School District  
Restroom Pavilion Buildings A and B  
3326 County Rd. 427  
Waterloo, IN 46793

**PROJECT #:** 26006.00

**OWNER:** DeKalb County Central United School District  
3326 County Rd. 427  
Waterloo, IN 46793

**ARCHITECT:** Garmann Miller  
1690 Broadway  
Suite 19-455  
Fort Wayne, IN 46802

**TO:** Prospective Bidders

This addendum form is a part of the Contract Documents and modifies the Construction Documents dated March 26, 2026, with amendments and additions noted below.

Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may disqualify the Bidder.

This addendum consists of 2 pages, 1 exhibit, 3 specification sections, and 1 reissued drawing sheet.

## FOR INFORMATION ONLY

1. Site logistics plan: The site logistics plan was updated to reflect the bollard removal in Addendum 01, showing the immediate removal of those bollards before full mobilization, construction fencing, and contractor access to the Pavilion A lot.

## CHANGES TO THE PROJECT MANUAL

1. Add section 07 21 16 Blanket Insulation in its entirety.
2. Remove section 07 21 26 Blown Insulation in its entirety.
3. Replace section 07 61 00 Sheet Metal Roofing in its entirety. Reference the additional roofing product, Mirage II, to be utilized in the pricing of deduct alternate 06.



4. Bid Package 4: General trades have been updated to remove blown insulation and add in batt insulation per revised specifications sheets.

### **CHANGES TO THE DRAWINGS**

1. A2.1
  - a. 2" x 24" perimeter and under slab board insulation added To wall sections to match structural wall sections and slab requirements.

### **ATTACHMENTS**

The following attachments are included and are part of this addendum:

Exhibits: Site Logistic Plan,

Specifications: BP4 General Trades, 07 21 16, 07 61 00

Drawing Sheets: A2.1

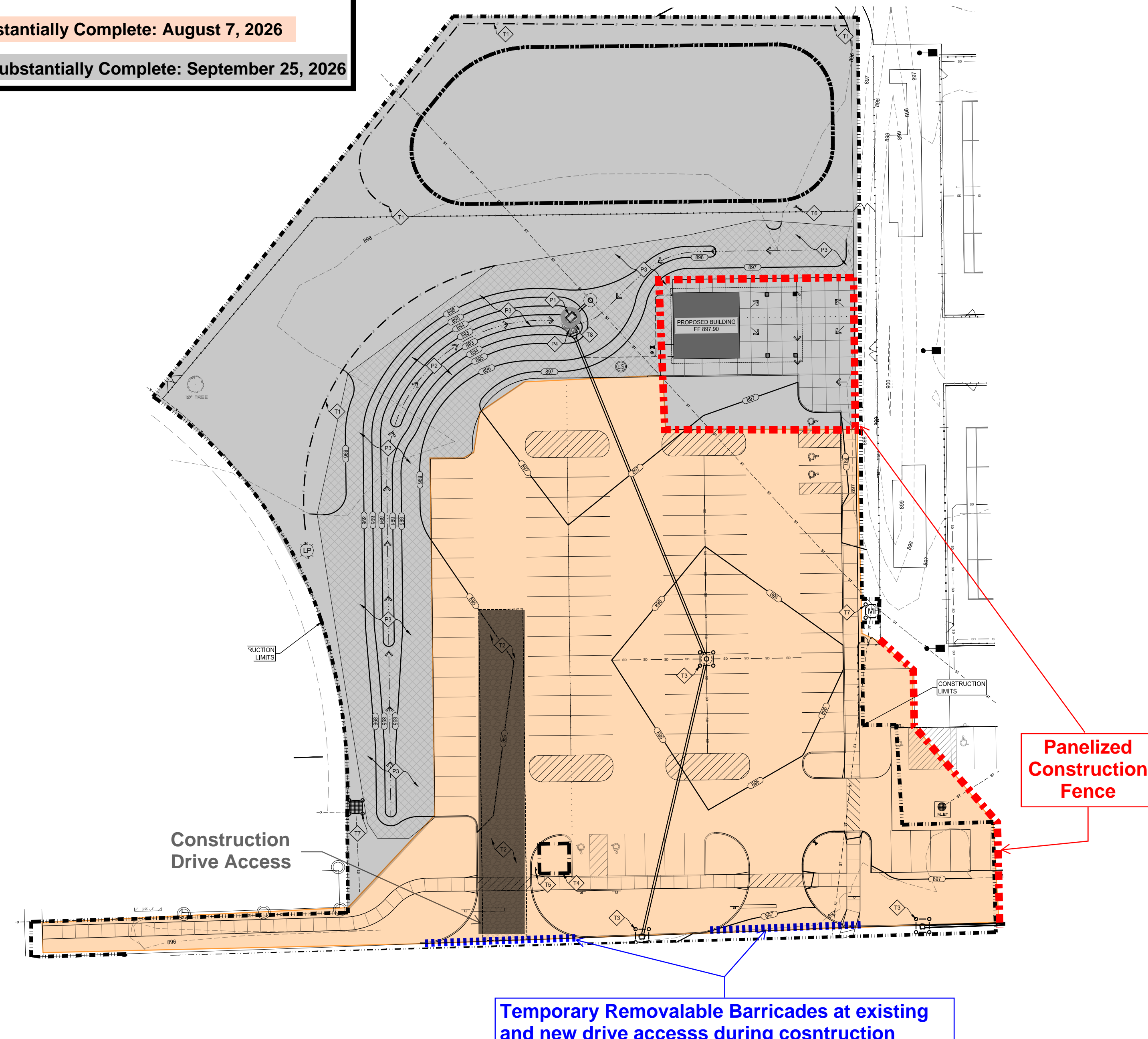
### **END OF ADDENDUM**



March 26, 2026 11:03 AM  
 S:\Projects\Projects (6000-6999)\Projects (6800-6849)\6804-DeKalb Athletic Parking Lots\Drawings\6804\_C3.0 Site Erosion Control.dwg  
 © COPYRIGHT 2026: GARMANN MILLER & ASSOCIATES, INC.

**PAVILION A**

Parking Lot Substantially Complete: August 7, 2026  
 Pavilion & Site Substantially Complete: September 25, 2026

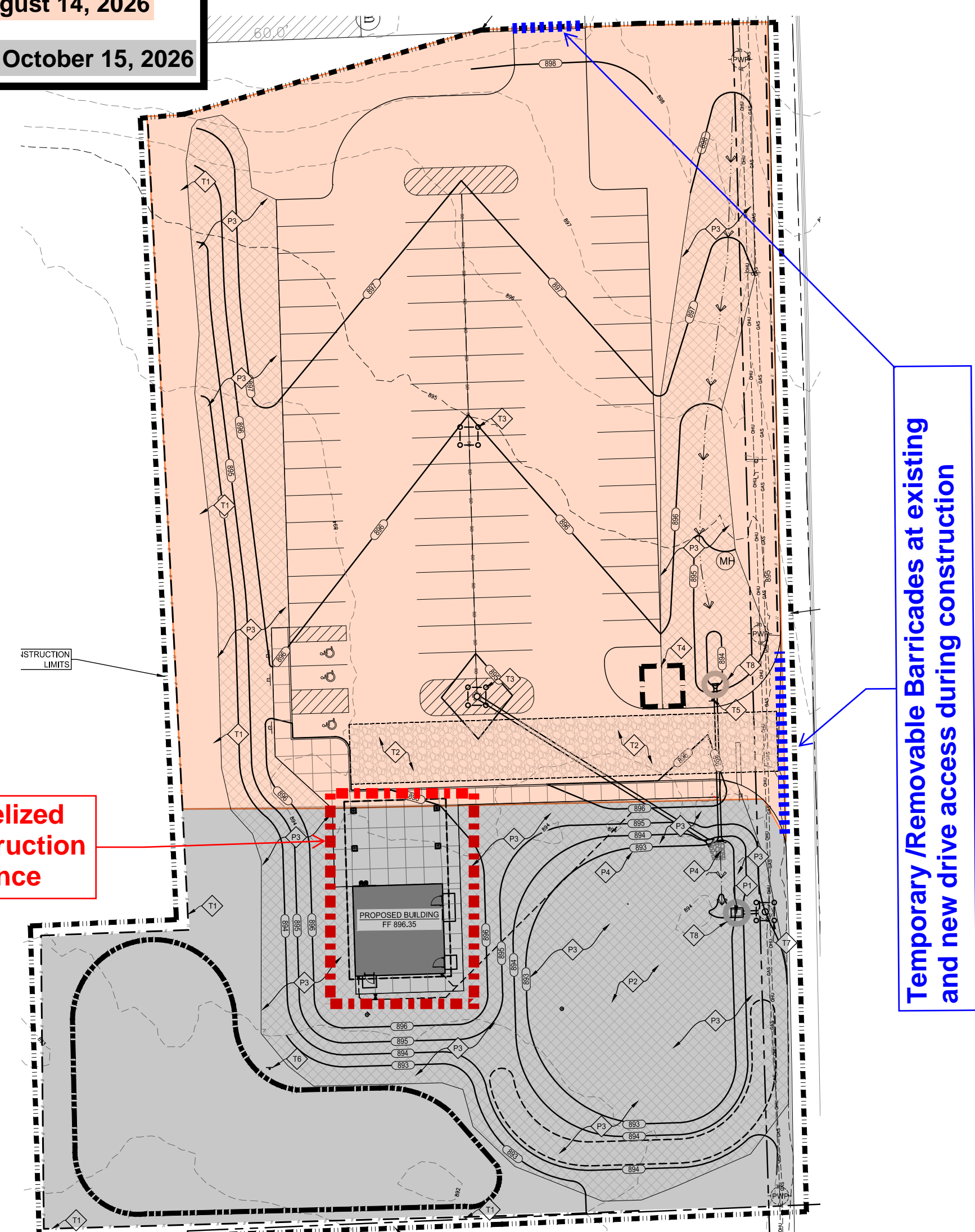


Panelized Construction Fence

Temporary Removable Barricades at existing and new drive access during construction

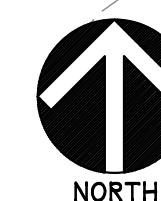
**PAVILION B - Start June 1**

Parking Lot Substantially Complete: August 14, 2026  
 Pavilion & Site Substantially Complete: October 15, 2026



Panelized Construction Fence

Temporary Removable Barricades at existing and new drive access during construction



**SITE OVERALL CONSTRUCTION EROSION CONTROL PLAN**  
 SCALE: 1" = 80'

NO CONTRACTOR ACCESS

NO CONTRACTOR ACCESS

Bollards to be removed prior to closing West Entrance.

**CONSTRUCTION ACCESS LIMITED TO COMMERCE DR.**

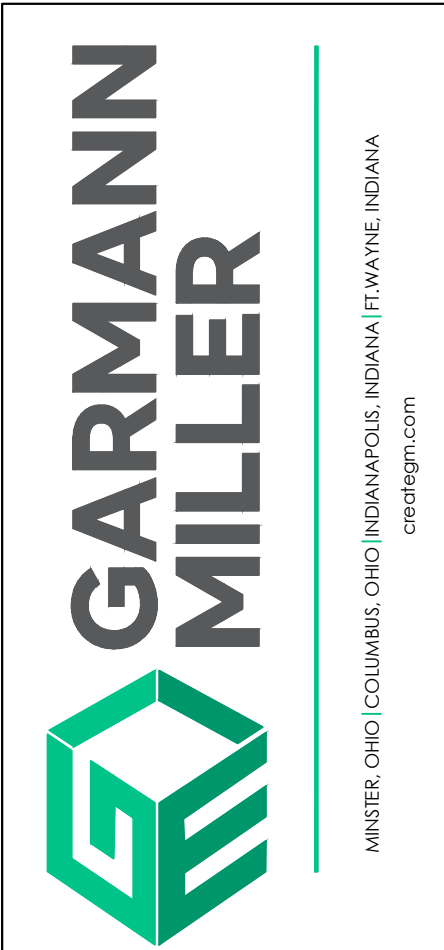
Access County Road 31 / Commerce Drive from County Road 427 / Main

**SPRING SPORTS**  
 Softball: Last Home Game - May 22, 2026  
 Baseball: Last Home Game - May 30, 2026 (Sectional Host)  
 Girls Tennis: Last Home Match - May 8, 2026

**SUMMER ACTIVITIES**  
 DeKalb Barons Summer Camps Run All Summer  
 Fall Sport Conditioning / Practice June - August  
 Band Practice - June

**FALL SPORTS**  
 Soccer (Boys and Girls): First Home Match - August 18, 2026  
 Boys Tennis: First Home Match - August 13, 2026  
 Cross Country: First Invitational - Tuesday August 18, 2026

**FIRST DAY OF SCHOOL AUGUST 5, 2026**



NEW BUILDING FOR:  
**DEKALB COUNTY CENTRAL UNITED SCHOOL RESTROOM PAVILION BUILDINGS**

ISSUANCES/REVISIONS		
CONSTRUCTION DOCUMENTS	DATE	DESCRIPTION
	09/26/2026	

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
26006.00	KBR	MDR

SHEET TITLE:  
**SITE LOGISTICS PLAN**

## BID PACKAGE 04 – GENERAL TRADES

<u>A.</u>	<u>Specification Division</u>	<u>Specification Title</u>
	DIVISION 01	GENERAL REQUIREMENTS
	Section 05 12 13	Architecturally Exposed Structural Steel Framing
	Section 06 10 00	Rough Carpentry
	Section 06 17 53	Shop-Fabricated Wood Trusses
	<del>Section 07 21 16</del>	<del>Blanket Insulation</del>
	Section 07 21 19	Foamed-in-Place Insulation
	<del>Section 07 21 26</del>	<del>Blown Insulation</del>
	Section 07 92 00	Joint Sealants
	Section 08 11 13	Hollow Metal Doors and Frames
	Section 08 31 00	Access Doors and Panels
	Section 08 71 00	Door Hardware
	Section 09 21 16	Gypsum Board Assemblies
	Section 09 51 00	Acoustical Ceilings
	Section 09 65 13	Resilient Base and Accessories
	Section 09 67 23	Urethane Resinous Flooring
	Section 09 91 13	Exterior Painting
	Section 09 91 23	Interior Painting
	Section 09 96 00	High-Performance Coatings
	Section 10 14 67	Tactile Signage
	Section 10 21 13.19	Plastic Toilet Compartments
	Section 10 28 00	Toilet Accessories
	Section 10 41 16	Emergency Key Cabinets
	Section 10 44 00	Fire Protection Specialties
	Section 32 31 13	Chain Link Fences and Gates

### **B. General Scope Items**

1. Subcontractor is responsible for all items listed in the General Scope Items as well as all job Specific Scope Items as it pertains to their scope as detailed in the contract documents.
2. Subcontractor is responsible for all aspects of their scope as it pertains to labor, materials, loading, unloading, hoisting, rigging, equipment, storing, setting, protection, securing, and safety.
3. Subcontractor is responsible for any and all permits, fees, inspections, and licenses or registrations as they pertain to their scope of work unless noted otherwise. General Building Permit will be provided by the Construction Manager.

4. Subcontractor to include all necessary costs for delivery, freight, and sales tax (if applicable).
5. Subcontractor is responsible for all coordination involving any testing, permitting, fees or inspections as detailed in the contract documents.
6. Subcontractor is responsible for being complicit with any and all City, State, and Federal codes as well as workmanship as detailed in the contract documents.
7. Subcontractor will be responsible for any and all required submittals, shop drawings, engineering, color samples, mock-ups, product data, and layout as it pertains to their scope of work.
8. Subcontractor is responsible to provide all material per the specifications unless in the case of accepted alternates. In the case of a discrepancy in the construction documents, and the absence of clarifications in addenda, the Subcontractor is responsible for providing any material and labor for the option at greater cost(s).
9. Subcontractor shall provide all necessary mobilizations to complete their scope of work within durations provided on the construction schedule.
10. Subcontractor is responsible for providing any attic stock, final testing, owner training, and commissioning as it pertains to their scope of work and/or as detailed in the contract documents.
11. Subcontractor will provide continuous cleanup of debris, trash, material packaging, or general dirt as created by daily activities as it pertains to their scope of work. All items are to be disposed of in a dumpster provided the Construction Manager or responsible party. Subcontractor will be awarded a 24-hour notice if continuous cleanup is not being maintained as determined by the Construction Manager's supervisor. If cleanup is left beyond the 24-hour notice (sooner for potential safety concerns), the Construction Manager will complete all required cleanup at the cost of the Subcontractor.
12. Subcontractor to provide any and all personal protective equipment, fall protection related equipment to include verification of appropriate tie-off locations, miscellaneous safety equipment, barricades, and signage as it pertains to the safe completion of their work for their employees and other contractors on site. If subcontractor removes or displaces any barrier tape, barricades, or signage related to injury and illness

prevention for their work access, they are to be replaced to their original location immediately following required work/access or an equivalent means shall be placed for the duration of their work.

13. Subcontractor is required to submit a ticket by contacting 811 (via phone or by computer) at least 48 hours prior to work taking place if their work requires "excavation" as defined by Indiana 811.org.
14. Subcontractor is required to have on site supervision of their work and employees at all times while their work is being performed. Supervisor will serve as the Competent Person or designate an employee as their Competent Person. Competent Person shall meet OSHA's definition. Supervisor is required to attend weekly/bi-weekly progress meetings and be able to report on and answer questions regarding progress, schedule, costing, and coordination with other contractors.
15. Subcontractor is responsible for submitting any and all closeout documents (electronically) as well as provide any and all as-built documents as they pertain to the contract documents and their scope of work. As-built documents must be maintained on a monthly basis, at a minimum.

**C. Specific Scope Items**

The work of this Contractor includes, but is not necessarily limited to the following:

1. This Contractor is responsible for maintaining supervision of all work performed under this bid package. This includes any and all subcontractors performing work for this prime contractor.
2. This Contractor is responsible for all roof framing, plywood sheathing, wood blocking including (but not limited to) in-wall blocking, roof blocking, and blocking at openings as shown on the construction documents.
3. This Contractor is responsible for all Division 10 items as shown on the construction drawings. This includes all hardware and fasteners as they pertain to this scope of work.
4. This Contractor is responsible for all **blown-insulation blanket** and foamed in place insulation as indicated on the drawings.
5. This Contractor is responsible for receiving and unloading all material required for this scope of work.

6. This Contractor is responsible for all material and installation of the Doors/Frames/Hardware.
7. This Contractor is responsible for joint sealant/caulking at countertops and dissimilar materials installed. Concrete and Masonry control joint sealant is by that respective Bid Package.
8. This Contractor is responsible for access panels/doors as shown on the Architectural and/or Structural drawings only. Any shown on subsequent drawings are by that respective contractor.
9. This Contractor is responsible for any top-of-wall firestopping and smoke & acoustical mineral wool and sealant.
10. This Contractor is responsible for all epoxy flooring and integral cove as indicated in the drawings.
11. This Contractor is responsible for all resilient wall base and accessories.
12. This Contractor is responsible for all structural steel material and structural steel erection. Including providing any lintels, base plates, anchor bolts, embeds, etc. Lintels, base plates, and structural steel anchor bolts to be installed by others.
13. This Contractor is responsible for all prep, finishing, and painting of walls, exposed steel, conduits, and other surfaces called out to be finished.
14. This Contractor is responsible for all signage as indicated on the drawings.
15. This Contractor is responsible for all chain link fences and gates as shown on the drawings.
16. This Contractor is responsible for all acoustical ceilings as indicated on the drawings.
17. This Contractor is responsible for coordinating with adjacent trades as it relates to the sequence of work performed.

**D. Work Not Included**

1. Concrete
2. Concrete Floor Finishes
3. Metal Roofing
4. Installation of Lintels, Anchor Bolts, Embeds
5. Masonry

**SECTION 07 21 16  
BLANKET INSULATION**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Batt insulation and vapor retarder in exterior ceiling construction.

**1.02 DEFINITIONS**

- A. Mineral Fiber Material Composition: Insulation referred to as mineral fiber block, board, and blanket insulation is composed of fibers from mineral based substances such as rock, slag, or glass and processed from the molten state into fibrous form.
  - 1. Based on type of insulation substance, the material will be referred to as a mineral fiber when having a rock or slag base, and glass fiber with a glass or silica sand base, also considered a mineral.
  - 2. Insulation blankets are flexible units consisting of felted, bonded, or unbonded fibers formed into rolls or flat cut pieces referred to as batts; rolls are simply longer versions of batts.
  - 3. For additional information about mineral fiber and the various classification types, refer to the following reference standards; ASTM C553, ASTM C612, ASTM C665, and ASTM C726.

**1.03 REFERENCE STANDARDS**

- A. ASTM C553 - Standard Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications; 2013 (Reapproved 2019).
- B. ASTM C612 - Standard Specification for Mineral Fiber Block and Board Thermal Insulation; 2014 (Reapproved 2019).
- C. ASTM C665 - Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing; 2012.
- D. ASTM C726 - Standard Specification for Mineral Wool Roof Insulation Board; 2012.
- E. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2024.
- F. ASTM E136 - Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750°C; 2019a.

**1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data on product characteristics, performance criteria, and product limitations.

**1.05 FIELD CONDITIONS**

- A. Do not install insulation adhesives when temperature or weather conditions are detrimental to successful installation.

**PART 2 PRODUCTS**

**2.01 APPLICATIONS**

- A. Insulation in Wood Framed Ceiling Structure: Batt insulation with integral vapor retarder.

**2.02 MINERAL FIBER BLANKET INSULATION MATERIALS**

- A. Flexible Glass Fiber Blanket Thermal Insulation: Preformed insulation, complying with ASTM C665; friction fit.

1. Flame Spread Index: 25 or less, when tested in accordance with ASTM E84.
  2. Smoke Developed Index: 50 or less, when tested in accordance with ASTM E84.
  3. Combustibility: Non-combustible, when tested in accordance with ASTM E136.
  4. Formaldehyde Content: Zero.
  5. Facing: Faced.
  6. Products:
    - a. CertainTeed Corporation: [www.certainteed.com](http://www.certainteed.com).
    - b. Johns Manville: [www.jm.com](http://www.jm.com).
    - c. Knauf Insulation; Performance+ EcoBatt Insulation: [www.knaufinsulation.com](http://www.knaufinsulation.com).
    - d. Owens Corning Corporation; EcoTouch PINK FIBERGLAS Insulation: [www.owenscorning.com/en-us](http://www.owenscorning.com/en-us).
    - e. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Mineral Wool Blanket Thermal Insulation: Flexible or semi-rigid preformed insulation, complying with ASTM C665.
1. Flame Spread Index: 25 or less, when tested in accordance with ASTM E84.
  2. Smoke Developed Index: 0 (zero), when tested in accordance with ASTM E84.
  3. Products:
    - a. Johns Manville; MinWool Sound Attenuation Fire Batts: [www.jm.com](http://www.jm.com).
    - b. ROCKWOOL; COMFORTBATT: [www.rockwool.com](http://www.rockwool.com).
    - c. Thermafiber, Inc; SAFB: [www.thermafiber.com](http://www.thermafiber.com).
    - d. Substitutions: See Section 01 60 00 - Product Requirements.

### **2.03 ACCESSORIES**

- A. Mineral Wool Insulation Attachment:
- B. Nails or Staples: Steel wire; electroplated or galvanized; type and size to suit application.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify that substrate, adjacent materials, and insulation materials are dry and that substrates are ready to receive insulation.
- B. Verify substrate surfaces are flat, free of honeycomb, fins, irregularities, or materials or substances that may impede adhesive bond.

### **3.02 BATT INSTALLATION**

- A. Install insulation and vapor retarder in accordance with manufacturer's instructions.
- B. Install in exterior wall and roof spaces without gaps or voids. Do not compress insulation.
- C. Trim insulation neatly to fit spaces. Insulate miscellaneous gaps and voids.
- D. Fit insulation tightly in cavities and tightly to exterior side of mechanical and electrical services within the plane of the insulation.

### **3.03 PROTECTION**

- A. Do not permit installed insulation to be damaged prior to its concealment.

**END OF SECTION**

**SECTION 07 61 00  
SHEET METAL ROOFING**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Complete preformed, roof system, including all materials, associated flashings, trim, closures, fasteners, framing, supports, sealants and underlayment required.
- B. Snow guards.
- C. Vapor Barrier
- D. Underlayment
- E. Eave Protection
- F. Sealants for joints within sheet metal fabrications.
- G. Soffits

**1.02 RELATED REQUIREMENTS**

- A. Section 04 2000 - Unit Masonry
- B. Section 09 9000 - Painting and Coatings: Paint downspout shoe

**1.03 REFERENCE STANDARDS**

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2025.
- B. ASTM C920 - Standard Specification for Elastomeric Joint Sealants; 2014.
- C. ASTM E 1646 - Standard Specification for Water Infiltration.
- D. ASTM E 1680 - Standard Specification for Air Infiltration
- E. AISC Category MB Certification
- F. SMACNA (ASMM) - Architectural Sheet Metal Manual; 2012.

**1.04 ADMINISTRATIVE REQUIREMENTS**

- A. Preinstallation Meeting: Convene two weeks before starting work of this section.

**1.05 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Engineered Drawings: Manufacturer of the roofing system, shall provide engineer stamped drawings certifying that the roof system is designed specifically for this project and will meet all State of Indiana Building Codes. Engineer shall be certified in the State of Indiana.
- C. Shop Drawings: Indicate material profile, jointing pattern, jointing details, fastening methods, flashings, terminations, and installation details.
- D. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.
- E. Manufacturer's Field Reports: Indicate procedures followed, ambient temperatures, humidity, wind velocity during application, and supplementary instructions given.
- F. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.
- G. Product Data: Provide data on metal types, finishes, characteristics .
  - 1. Flashing materials
  - 2. Insulation
  - 3. Fasteners

4. Pre-manufactured pipe flashing
  5. Accessories
- H. Installation Samples: Submit two samples illustrating metal roofing mounted on plywood backing illustrating typical seam.
- I. Submit three samples illustrating metal finish color.

#### **1.06 QUALITY ASSURANCE**

- A. Perform work in accordance with SMACNA (ASMM) requirements and standard details, except as otherwise noted.
- B. Manufacturer's Qualifications: Roof system manufacturer has been engaged in the fabrication of metal roof systems for at least ten years.
1. The Manufacturer shall be a member of the Metal Building Manufacturer's Association (MBNA).
  2. The American Institute of Steel Construction (AISC) currently certifies the Manufacturer for Category MB.
  3. The Manufacturer maintains a certified installer program for its products and maintains an up to date authorized roofing contractor list.
  4. The Manufacturer has a written warranty covering durability, color and weather tightness of its roof system.
  5. Manufacturer shall produce the metal roof panels on fixed equipment operated by the manufacturer. Portable roll forming shall not be permitted except for special applications and shall be licensed and operated by the Manufacturer in a permanent manufacturing facility.
  6. Manufacturing facilities shall be currently under inspection by Underwriters Laboratory personal to verify compliance that the products fabricated are in accordance with the specifications of the products which were originally tested
  7. Manufacturer's Field Services: Manufactures Technical Representative Inspection: Minimum of three visits to the jobsite to inspect and monitor the installation of the metal roof system. After each inspection provide the installer with a detailed written report communicating issues and progress of the roof inspection. All inspections must be performed by a technical field representative. A copy of the report shall be forwarded to the Architect for information purposes.
    - a. Should the roofing system not be approved by the manufacturer's technician, correcting the defective work shall be done by the contractor until the roofing system satisfactorily meets all the specifications and manufacturer's requirements.
- C. Installer Qualifications: Company specializing in performing sheet metal roof installations with minimum 10 years of experience on projects of similar size and scope.
1. Roofing Contractor shall be certified by the Manufacturer to install Manufacturer's roof system.
  2. Roofing Contractor shall follow the Manufacturer's installation details without exception unless written authorization from the manufacturer and architect are provided on an installation detail revision.
  3. Roofing Contractor shall have no viable claims pending regarding negligent acts or defective workmanship on previously performed or current projects.
  4. Roofing Contractor shall have not filed for protection from creditors under any state or federal insolvency or debtor relief status or codes.
  5. Roofing Contractor shall execute 100% of the roof system installation, utilizing full time employees of the Roofing Contractor. Second and third tier sub-contractors for the installation work in this section are not permitted.

### **1.07 MOCK-UP**

- A. See Section 01 4300 Quality Assurance
- B. Mockup: Install roof system mock up to demonstrate aesthetic effects and set quality standards for materials, execution, and workmanship.
  - 1. Build mockup of a typical roof system as shown on the drawings a minimum of 12 panels wide including vapor barrier, insulation, underlayment, flashings, gutters, fascias, pipe flashings and associated attachments.
- C. Locate where directed.
- D. Mock-up may remain as part of the Work.

### **1.08 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver roof system components to the project site in Manufacturer's unopened original containers.
- B. Protect roof system components during shipment, storage, handling and erection from mechanical abuse, stains, discoloration and corrosion.
- C. Provide strippable plastic film on all painted surfaces between contact areas to prevent abrasion during shipping, storage, and handling.
- D. Stack material to prevent twisting, bending, or abrasion, and to provide ventilation. Store materials off the ground, under protective cover. Slope metal sheets to ensure drainage.
- E. Prevent contact with materials that could cause discoloration or staining.
- F. Damaged materials will be rejected and removed from the site.

### **1.09 WARRANTY**

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. General Warranty: The warranties specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents
- C. Standard Manufacturer Roof Warranty: Provide a written warranty, with no monetary limitation, signed by roofing manufacturer agreeing to promptly repair leaks resulting from defects in materials or workmanship for the following warranty period:
  - 1. Warranty Period: 20 Years from the date of Substantial Completion
- D. Weathertightness Warranty: Provide manufacturer's written weathertightness warranty for a minimum of 20 years against leaks in roof panel arising out of or caused by ordinary wear and tear under normal weather and atmospheric conditions. Warranty shall be signed by both the roofing system manufacturer and the roofing system contractor.
- E. Finish Warranty: Furnish panel manufacturer's written warranty for twenty (20) years covering the finish of exposed coated metal surfaces including but not limited to roof panels, counterflashings, gutters, downspouts, fascias and trim flashings against blistering, peeling, cracking, flaking, checking, chipping, rusting, and chalking and color change during the warranty period.
- F. Roofing Contractor Warranty: The roofing contractor will guarantee, from the date of Substantial Completion, at his cost and expense make or cause to make such repairs to the roof resulting from faults or defects in material or workmanship as necessary to maintain the roof in a watertight condition. Guarantee shall include, but is not limited, roof panels, flashing, roof insulation, fasteners, valleys, fascia, gutters, downspouts, trim flashings and roof joints. (Copy of the Warranty is included at the end of this Section.)

1. Guarantee shall include, but is not limited, roof membrane, flashing, roof insulation, fasteners, walkways, and roof expansion joints.
2. Warranty Period: 2 Years from the date of Substantial Completion
3. Repairs required, either permanent or temporary, to the roofing or roof flashing under this guarantee shall be made within 3 days after notice of the need for repair. Should the contractor fail to make such repairs within the time period, the Owner may have the repairs made and the cost paid by the Contractor.
4. Copy of the warranty is include at the end of this section.

## **PART 2 PRODUCTS**

### **2.01 MANUFACTURERS**

- A. Alternate Bid:
  1. McElroy Metal
    - a. Roof Panel: Mirage II Standing Snap Seam Roof Panel, Smooth with pencil ribs.
    - b. Soffit: Matrix Concealed Fastener Soffit: Vented-with Rib and Non-Vented-with Rib
- B. Base Bid:
  1. Dimensional Metal Inc, 58 Kelma Drive, Reynoldsburg, Ohio 43068
    - 1) Roof Panel: Span-Lock SL20
    - 2) Soffit: FP1012 Vented-1 High Bead and FP1012 Non-Vented-1 High Bead
  2. Centria
    - 1) Roof Panel: SDP 200
    - 2) Soffit: IW-14A Vented and Un-Vented
  3. AEP Span:
    - 1) Roof Panel: Span-Lok hp
    - 2) Soffit: Prestige-Vented and Un-Vented.
  4. Peterson Pac-Clad
    - 1) Roof Panel: Tite-Loc
    - 2) Soffit: Pac 750 Soffit series Vented and Un-Vented
    - 3) Merchant & Evans Inc.
      - (a) Roof Panel: 2 Inch Zib-Lock
      - (b) Soffit: Flush Lock series Vented and Un-Vented
  5. Elevate
    - 1) Roof panel: Una-Clad UC-6
    - 2) Soffit: Una-Clad UC-500, Vented and Un-Vented
  6. Exceptional Metals
    - 1) Roof panel: EM BattenLok HS
    - 2) Soffit: EM Artisan Metal Wall Panel, Vented and Un-Vented
  7. Substitutions: No substitutions permitted without express written approval.

### **2.02 ROOF SYSTEM**

- A. Dimensional Metal Inc., 58 Klema Drive, Reynoldsburg, Ohio 43068
  1. Product: Span-Lock SL20
- B. Roof panel: 16 inch wide x 2 inch high standing seam with factory applied mastic in female leg, 2 pencil ribs, smooth texture, concealed fastener, continuous mechanically seamed.
- C. Sheet Material:
  1. Roof Panels: 22 gauge (.027"), 50 ksi steel sheet Galvalume Aluminum-Zinc Alloy Coated Steel Grade C meeting ASTM A792
    - a. Prepainted by the coil coating process to comply with ASTM A755

2. Trim, Gutters, Downspouts etc: 20 gauge, 50 ksi steel sheet Galvalume Aluminum-Zinc Alloy Coated Steel Grade C meeting ASTM A792
  - a. Prepainted by the coil coating process to comply with ASTM A755
3. Panel continuous length without seam except where noted on the drawings.
4. Texture:
  - 1) Roof panels striated.
  - 2) Trim, gutters, downspouts etc: Smooth.
5. Finish: 2-coat fluoropolymer, 70 percent PDVF resin.
6. Color: Selected from metal roof systems standard offering.

### 2.03 SOFFIT SYSTEM

- A. Soffit panel to be nominal 12 inches wide perforated to allow 7.5% free air with V groove in the middle, conceal fastener leg with concealed fasteners
- B. Sheet Materials: Soffit and related soffit flashing and trim metal
  1. Aluminum Sheet: ASTM B 209 (ASTM B 290M) 0.032 inch thick
  2. Panel continuous length.
  3. Texture: Smooth
  4. Finish: Premium fluorocarbon coating - Kynar 500 or Hylar 5000
  5. Color: Selected from metal roof systems standard offering.

### 2.04 ACCESSORIES

- A. General: Provide trim/flashing, fascias, ridge, valley, closures, gutters, gutter hangers and other related required items to provide a complete system
- B. Clip: One piece floating clip with 3 1/2" x 6" x 18 ga. bearing plates screwed into metal deck at 36 inches on center of per roof manufacturer's requirements.
- C. Fasteners:
  1. Use long life fasteners for all interior and exterior applications
  2. Provide fasteners with a factory applied coating in a color to match metal roof system.
  3. Provide neoprene washers under heads of exposed fasteners.
- D. Fascia:
  1. Formed to size and configuration as indicated on drawings.
  2. Fascia shall be 20 gauge or heavier and same finish as roof panel.
- E. Vapor Barrier:
  1. ASTM C 1136-06
  2. Maximum permeance rating of 0.13 perm.
  3. Manufacturers:
    - a. Griffolyn Type-65; Reef Industries, Houston, Texas
    - b. DURA-SKRIM 6WW; Raven Industries, Sioux Falls, South Dakota
    - c. WMP-VR; Lamtec Corporation, Mount Bethel, Pennsylvania
- F. Roof Jacks, Crickets and Flashings: Provide roof jacks, crickets and flashings for all roof penetrations.
  1. Curbs shall be constructed using minimum .080, 3003H14 aluminum, or heavier as required to support the load of the equipment, with fully mitered and heli-arc welded corners, integral base plates, with water diverter cricket.
  2. Minimum height of Curb shall be 12" above finished roof.
  3. Curbs shall be constructed to match slope of roof and provide a level top surface for mounting of equipment.
  4. Curb flange shall be constructed to match configuration of roof panel. Side flange shall extend to the next natural seam in the roof panels and conform to seam configurations.

5. Color: Surfaces exposed to view are to match the color of the roof panels
6. Manufacturers:
  - a. LM Curbs, Longview TX
  - b. ThyBar, Addiston IL
  - c. RPS Accessories, Bensenville IL
  - d. Substitutions: See Section 01 6000 - Products Requirements
- G. Vented Soffit Trim:
  1. Color: Surfaces exposed to view to match the color of the soffit.
- H. Pipe flashing: Provide EPDM rubber flashings for vent penetrations.
- I. Snow Guard
  1. S-5! ColorGard Snow Guards by Metal Roof Innovations, Ltd. Colorado Spring, CO 80908 with SnoClip: www.s-5.com
  2. Acceptable Manufacturers:
    - a. Metal Roof Innovations, Ltd. Colorado Springs, CO
    - b. Berger Building Products, Feasterville, Pennsylvania
    - c. Colorbar; www.sno-bar.com
    - d. Sno-Gem Inc
    - e. Zaleski Snow Guards
    - f. Substitutions: See Section 01 6000 - Products Requirements
  3. Furnish and install where indicated on plans assembly for snow retention as follows: S-5! clamps are to be spaced at every panel seam. Clamps should be on or as near as possible to the hold down clip location without interfering with the ability of the roof to float. All clamps are to be installed true-to-line. Stainless steel fasteners are to be tightened using a tool with a rating of 115 inch-pounds. This tension shall be periodically verified during installation. In no event shall the clamp spacing exceed 24 inches.
  4. The snow guard is to be furnished and installed on each S-5-U clamp with 3/8" x 3/4" stainless steel bolt and washer furnished by manufacturer. The snow guard shall be pre punched on 4" centers. Adjacent sections of snow guard are to be joined using a splice plate provided by manufacturer.
  5. SnoClip: Aluminum component with integrated rubber foot to retard the migration of snow and ice beneath the cross member. Rubber foot to prevent abrasion to the roof panel finish.
  6. The color strip, which is 2" wide x 8' long, that is inserted into the snow guard system shall be furnished with the system. Color shall match the roof panels.
- J. Soffit Framing:
  1. Framing System Components: Meeting requirements of ASTM C 645-08; C-channel, roll-formed from hot dipped galvanized steel; complying with ASTM A 1003 and ASTM A653 G40 or equivalent corrosion resistant coating.
    - a. Studs: C shaped with flat or formed webs.
    - b. Furring: Hat-shaped sections, minimum depth of 7/8 inch.
- K. Fasteners: Galvanized steel, with soft neoprene washers.
- L. Sealant to be Concealed in Completed Work: Non-curing butyl sealant.
- M. Sealant to be Exposed in Completed Work: {rs#1} elastomeric sealant, 100 percent silicone with minimum movement capability of plus/minus 25 percent and recommended by manufacturer for substrates to be sealed; clear.
- N. Underlayment (Eave Protection Sheet): Rubberized asphalt bonded to sheet polyethylene, 40 mil total thickness, with strippable treated release paper.
  1. Thermal Stability: Stable after testing at 240 deg F; ASTM D 1970.

2. Low-Temperature Flexibility: Passes after testing at minus 20 deg F; ASTM D 1970.
3. Manufacturer:
  - a. W.R. Grace Construction Products, Ultra
  - b. Protecto Wrap, Safe Seal 6640
  - c. Dimensional Metal Inc, Dynaclad Ultra HT
  - d. Substitutions: See Section 01 6000 - Products Requirements

## **2.05 FABRICATION**

- A. Form sections true to shape, accurate in size, square, and free from distortion or defects.
- B. Fabricate cleats of same material as sheet, thickness to match roofing sheet, and interlockable with sheet.
- C. Fabricate starter strips, interlockable with sheet.
- D. Form pieces in longest practical lengths.
- E. Hem exposed edges on underside 1/2 inch; miter and seam corners.
- F. Form material with standing seams, except where otherwise indicated. At moving joints, use sealed lapped, bayonet-type or interlocking hooked seams.
- G. Fabricate corners from one piece with minimum 18 inch long legs; seam for rigidity, seal with sealant.
- H. Fabricate vertical faces with bottom edge formed outward 1/4 inch and hemmed to form drip.

## **PART 3 EXECUTION**

### **3.01 GENERAL REQUIREMENTS:**

- A. Install roofing and flashing in accordance with approved shop drawings and manufacturer's product data, within specified tolerances.
- B. Isolate dissimilar metals, masonry and concrete from metal roof system with bituminous coating.
- C. Anchorage shall allow for thermal expansion and contraction without stress or elongation of panels, clips or anchors.
- D. Coordinate flashing and sheet metal work to provide watertight conditions at roof terminations. Fabricate and install in accordance with standards set forth in the SMACNA Manual using continuous cleats at all exposed edges.

### **3.02 EXAMINATION**

- A. Inspect roof deck to verify deck is clean and smooth, free of depressions, waves, or projections, properly sloped to drains.
- B. Verify deck is dry and free of snow or ice.
- C. Verify correct placement of wood nailers and insulation positioning between nailers.
- D. Verify roof openings, curbs, pipes, sleeves, ducts, or vents through roof are solidly set, reglets are in place, and nailing strips located.
- E. Verify roofing termination and base flashings are in place, sealed, and secure.

### **3.03 PREPARATION**

- A. Install starter and edge strips, and cleats before starting installation.
- B. Install surface mounted reglets true to lines and levels; seal top of reglets with sealant.
- C. Back paint concealed metal surfaces and surfaces in contact with dissimilar metals with protective backing paint to a minimum dry film thickness of 15 mil.

- D. Place eave edge and gable edge metal flashings tight with fascia boards. Weather lap joints 2 inches and seal with plastic cement. Secure flange with nails spaced 16 inches OC.

### **3.04 INSTALLATION - ROOFING**

- A. Install Vapor Retarder
  - 1. At acoustical metal deck, install acoustical insulation in roof deck flutes.
  - 2. Loosely lay vapor retarder over entire roof area extending to roof edges and to adjacent walls
  - 3. Side and end laps of each sheet a minimum of 6 inches
  - 4. Seal laps with continuous strip of tape recommended by the vapor retarder manufacturer.
  - 5. Seal at penetrations and at roof edges with manufacturer recommended butyl tape or sealant
  - 6. Vapor retarder shall be positively sealed at all edges, penetrations and wall utilizing manufacturers' vapor retarder accessories
- B. Install Roof Insulation
  - 1. Install in single layer laid perpendicular to slope
  - 2. Install second layer lapping all joints a minimum of 6 inches.
  - 3. At all valley and ridge locations miter edges.
- C. Apply underlayment over entire roof area.
  - 1. Apply in single layer laid perpendicular to slope; weather lap edges 4 inches
- D. Install metal roof system in accordance to manufacturer's instructions and shop drawings.
  - 1. Install metal roof system so that it is weather tight, without waves, warps, buckles, fastening stresses or distortion, allowing for expansion and contraction.
  - 2. Provide concealed anchors at all panel attachment locations
  - 3. Install panels plumb, level and straight with seams and parallel, conforming to design indicated.
- E. Flash around roof mounted equipment. This will become part of the roofing warranty
- F. Install pipe flashing at all pipe penetrations.
- G. Cleat and seam all joints.
- H. Use plastic cement for joints between metal and bitumen and for joints between metal and felts.
- I. Provide gutters, downspouts, and fascias.
- J. Install snow guards 36 inch up slope from eaves and valleys.
- K. Install snow guards:
  - 1. Furnish and stall where indicated on drawings for snow retention as follows: S-5-U clamps are to be spaced at every panel seam. Clamps should be on or as near as possible to the hold down clip location without interfering with the ability of the roof to float. All clamps are to be installed true-to-line. Stainless steel fasteners are to be tightened using a tool with a rating of 115 inch-pounds. This tension shall be periodically verified during installation. In no event shall the clamp spacing exceed 24 inches.

### **3.05 INSTALLATION - GUTTERS AND DOWNSPOUTS**

- A. Comply with SMACNA (ASMM) details.
- B. Install gutter brackets at 32 inches on center.
- C. Seal gutters watertight, and seal joint of gutter to drain.
  - 1. Lap gutter joints a minimum of 4 inches with two rows of butyl tape between gutter pieces and rivet between rows of sealant.

- D. Connect downspouts to downspout boots at 6 inches above grade, and grout connection watertight.
- E. Cut the storm piping to the correct length, Secure downspout boot to site storm piping and building foundation with top of boot at 6 inches above finished grade. Seal connection weathertight.

### **3.06 INSTALLATION - FLASHINGS**

- A. Install flashings, including laps, splices, joints, bonding, adhesion, and attachment, as required by roof panel manufacturer's recommendations and details.
- B. Comply with SMACNA (ASMM) details.
- C. Insert flashings into reglets to form tight fit.
  - 1. Seal flashings into reglets with sealant.
- D. Secure flashings in place using concealed fasteners, and use exposed fasteners only where permitted.
- E. Cleat and seam all joints.
- F. Apply plastic cement compound between metal flashings and felt flashings.
- G. Fit flashings tight in place, and make corners square, surfaces true and straight in planes, and lines accurate to profiles.
- H. Seal metal joints watertight.

### **3.07 INSTALLATION - SOFFIT**

- A. Inspect soffit framing to verify the framing is smooth, free of waves and projections.
- B. Verify soffit openings, lights, louvers and other recessed equipment are in place.
- C. Install starter, edge strips and molds around perimeter before starting installation.
- D. Start panel installation at one end and continue to the other end of soffit.
- E. Push panel into adjacent panel and fasten through the flange at 24 inches on center (maximum)
- F. Panels to be installed perpendicular to the exterior building wall
- G. Align panel joints at intersections.

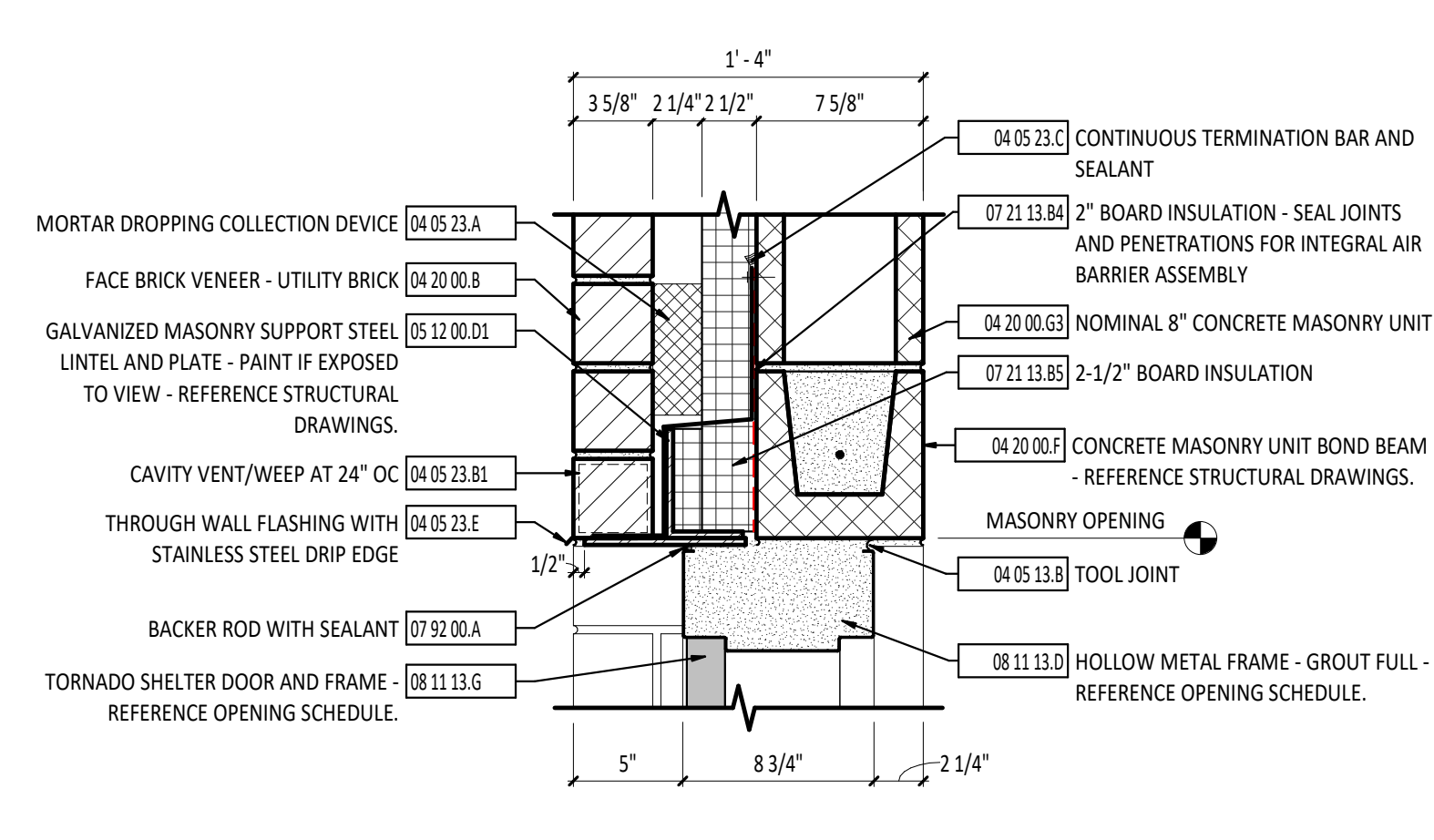
### **3.08 FIELD QUALITY CONTROL**

- A. See Section 01 40 00 - Quality Requirements, for general requirements for field quality control and inspection.
- B. Inspection: Roofing manufacturer's technical representative and roofing contractor shall conduct all required inspections. Submit all required drawings, details, and completed questionnaires to the roofing manufacturer before obtaining the specified warranty. After an authorized Technical Representative has inspected the roof for determining acceptability for warranty issuance, any deficiencies on the final inspection report shall be corrected by the contractor/applicator and made ready for reinspection within five (5) working days.
- C. Warranty: Upon receipt of required materials, certifying inspection, and acceptance of the roofing system by the roofing manufacturer, the warranty shall be duly executed and issued to the Owner. Date of Warranty will be the date of Substantial Completion.

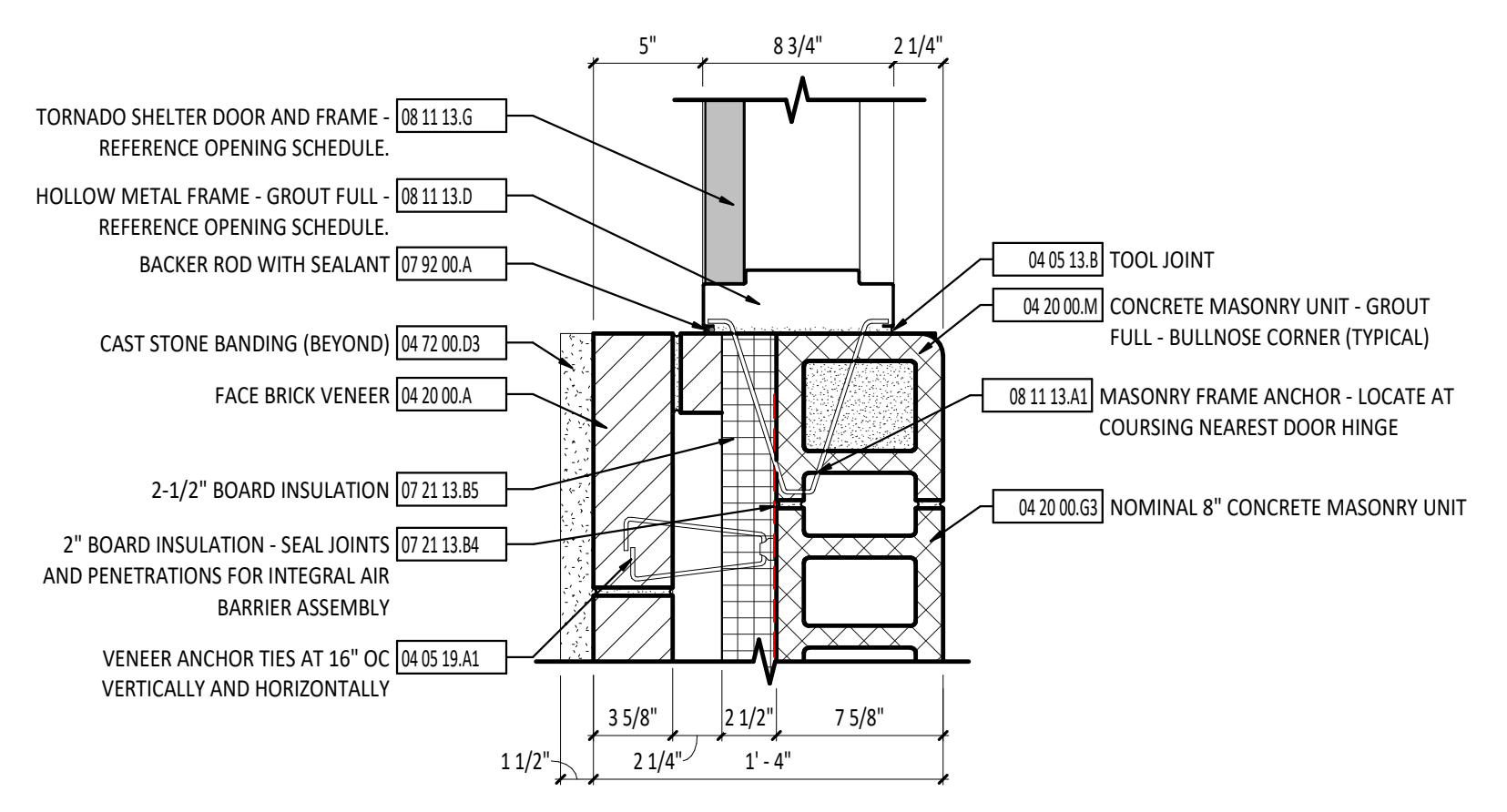
### **3.09 PROTECTION**

- A. Do not permit traffic over unprotected roof surface.

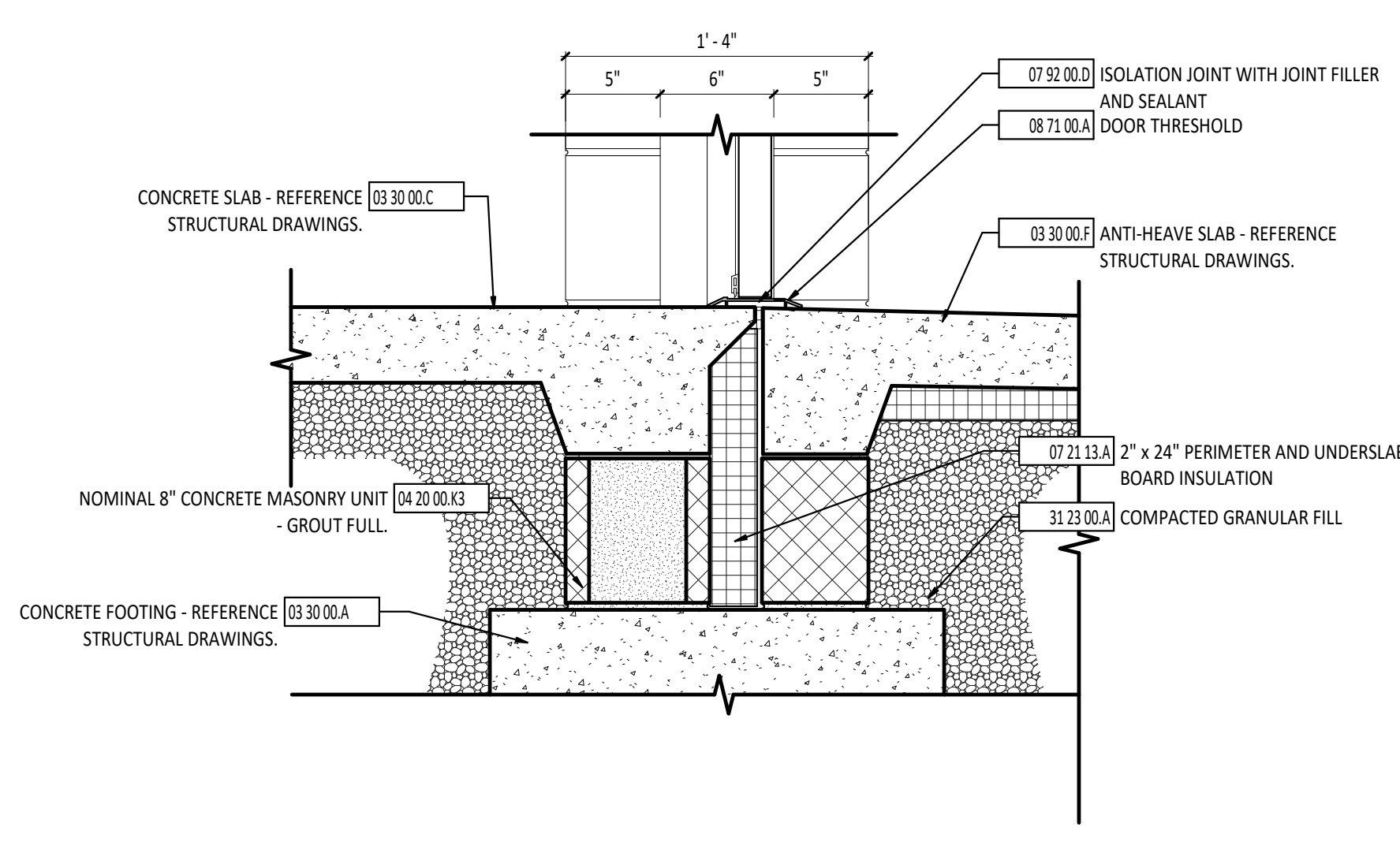
**END OF SECTION**



1 HEAD DETAIL - EXTERIOR  
1 1/2" = 1'-0"



2 JAMB DETAIL - EXTERIOR  
1 1/2" = 1'-0"

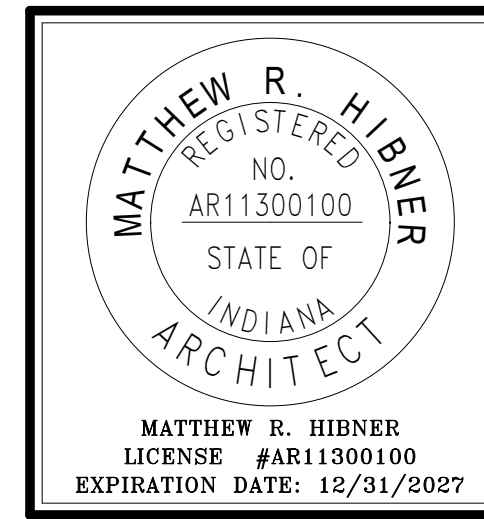


3 SILL DETAIL - EXTERIOR  
1 1/2" = 1'-0"

**DOOR GENERAL NOTES**

A REFERENCE A-A1.2 SHEETS FOR DOOR DETAILS.  
B REFERENCE SPECIFICATION SECTION 08 71.00 FOR HARDWARE SETS.

#	KEYNOTE DESCRIPTION
03 30 00.A	CONCRETE FOOTING - REFERENCE STRUCTURAL DRAWINGS.
03 30 00.C	CONCRETE SLAB - REFERENCE STRUCTURAL DRAWINGS.
03 30 00.F	ANTI-HEAVE SLAB - REFERENCE STRUCTURAL DRAWINGS.
04 05 13.B	TOOL JOINT
04 05 16.A	GROUT CAVITY FULL.
04 05 19.A1	VEENER ANCHOR TIES AT 16" OC VERTICALLY AND HORIZONTALLY
04 05 19.B	HORIZONTAL JOINT REINFORCING AT 16" OC
04 05 23.A	MORTAR DROPPING COLLECTION DEVICE
04 05 23.B	CAVITY VENT/WEEP
04 05 23.B1	CAVITY VENT/WEEP AT 24" OC
04 05 23.C	CONTINUOUS TERMINATION BAR AND SEALANT
04 05 23.E	THROUGH WALL FLASHING WITH STAINLESS STEEL DRIP EDGE
04 20 00.A	FACE BRICK VENEER
04 20 00.B	FACE BRICK VENEER - UTILITY BRICK
04 20 00.F	CONCRETE MASONRY UNIT BOND BEAM - REFERENCE STRUCTURAL DRAWINGS.
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
04 20 00.H1	NOMINAL 4" SOLID CONCRETE MASONRY UNIT
04 20 00.K1	NOMINAL 4" CONCRETE MASONRY UNIT - GROUT FULL.
04 20 00.K3	NOMINAL 8" CONCRETE MASONRY UNIT - GROUT FULL.
04 20 00.M	CONCRETE MASONRY UNIT - GROUT FULL - BULLNOSE CORNER (TYPICAL)
04 20 00.Q1	NOMINAL 4" x 8" x 16" SPLIT-FACED CONCRETE MASONRY UNIT
04 72 00.C	CAST STONE SILL WITH CONTINUOUS DRIP
04 72 00.D	CAST STONE BANDING WITH CONTINUOUS DRIP
04 72 00.E3	CAST STONE BANDING (BEYOND)
05 12 00.D1	GALVANIZED MASONRY SUPPORT STEEL LINTEL AND PLATE - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
05 12 13.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL - PAINT - REFERENCE STRUCTURAL DRAWINGS.
06 10 00.02	2X WOOD BLOCKING/NAILER
06 10 00.F	PRESERVATIVE TREATED WOOD BLOCKING/NAILER
06 10 00.G5	3/4" PLYWOOD
06 10 00.H4	5/8" PRESERVATIVE TREATED PLYWOOD
06 10 00.D	STRUCTURAL PRESERVATIVE TREATED WOOD FRAMING - REFERENCE STRUCTURAL DRAWINGS.
07 21 13.A	2" x 24" PERIMETER AND UNDERSLAB BOARD INSULATION
07 21 13.B4	2" BOARD INSULATION - SEAL JOINTS AND PENETRATIONS FOR INTEGRAL AIR BARRIER ASSEMBLY
07 21 13.B5	2-1/2" BOARD INSULATION
07 61 00.A	STANDING SEAM METAL ROOFING SYSTEM WITH CODE COMPLIANT ANCHORAGES, TRIM AND FLASHING AS REQUIRED
07 61 00.C	ROOF UNDERLAYMENT
07 61 00.H	1/8 GA. VALLEY LINER WITH 3" TALL V CRIMP AND HEMMED EDGES - MINIMUM 8" EXTENSION UNDER ROOF PANELS
07 62 00.A	PREFINISHED METAL SOFFIT SYSTEM WITH SUPPORT STRUCTURE AS REQUIRED
07 71 00.A	TWO-PIECE PREFINISHED FASCIA WITH DRIP EDGE
07 71 00.C	TRIM / DRIP EDGE
07 71 23.A	PREFINISHED METAL GUTTER WITH STRAP AND ANCHORAGES
07 71 23.B	PREFINISHED METAL DOWNSPOUT
07 71 23.D1	PVC DOWNSPOUT BOOT - COORDINATE WITH SITE CONTRACTOR
07 92 00.A	BACKER ROD WITH SEALANT
07 92 00.D	ISOLATION JOINT WITH JOINT FILLER AND SEALANT
08 11 13.A1	MASONRY FRAME ANCHOR - LOCATE AT COURSING NEAREST DOOR HINGE
08 11 13.D	HOLLOW METAL FRAME - GROUT FULL - REFERENCE OPENING SCHEDULE.
08 11 13.G	TORNADO SHELTER DOOR AND FRAME - REFERENCE OPENING SCHEDULE.
08 71 00.A	DOOR THRESHOLD.
09 51 00.A	ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
28 23 00.A	EXTERIOR SECURITY CAMERA - REFERENCE TECHNOLOGY DRAWINGS.
31 23 00.A	COMPACTED GRANULAR FILL



DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT RESTROOM PAVILION A & B

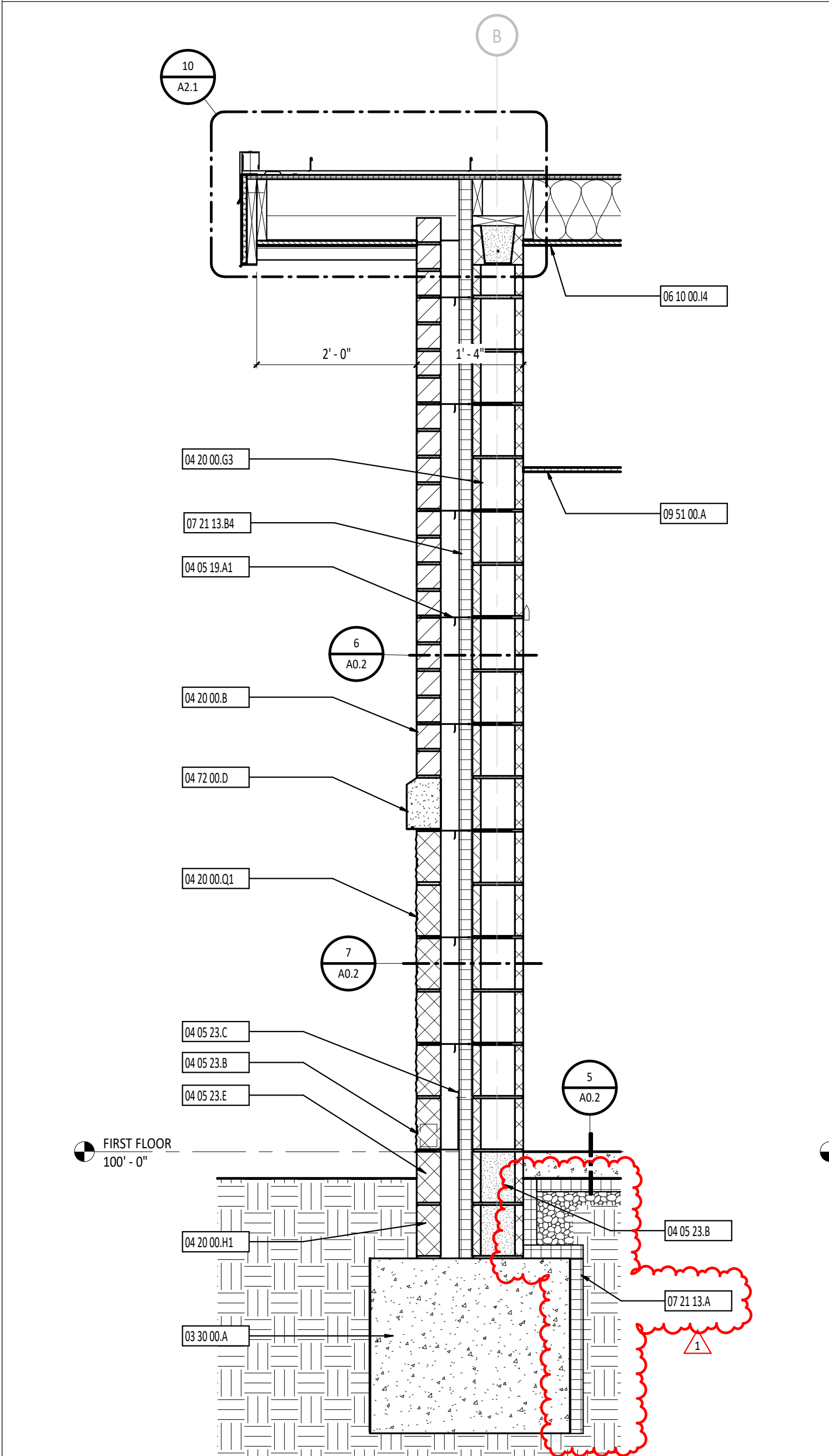
ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	03/26/2025
ADDENDUM 02	04/22/2025

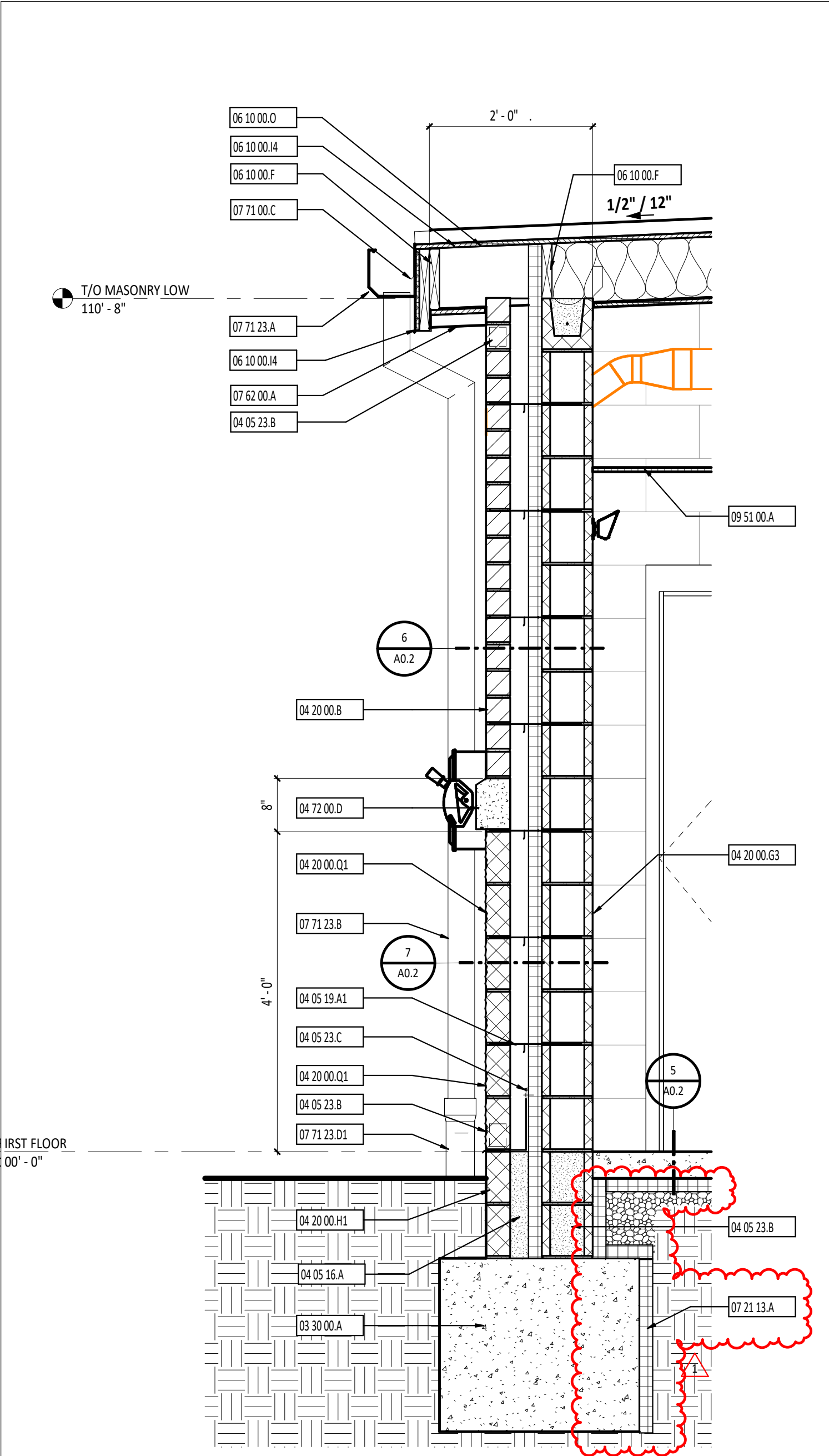
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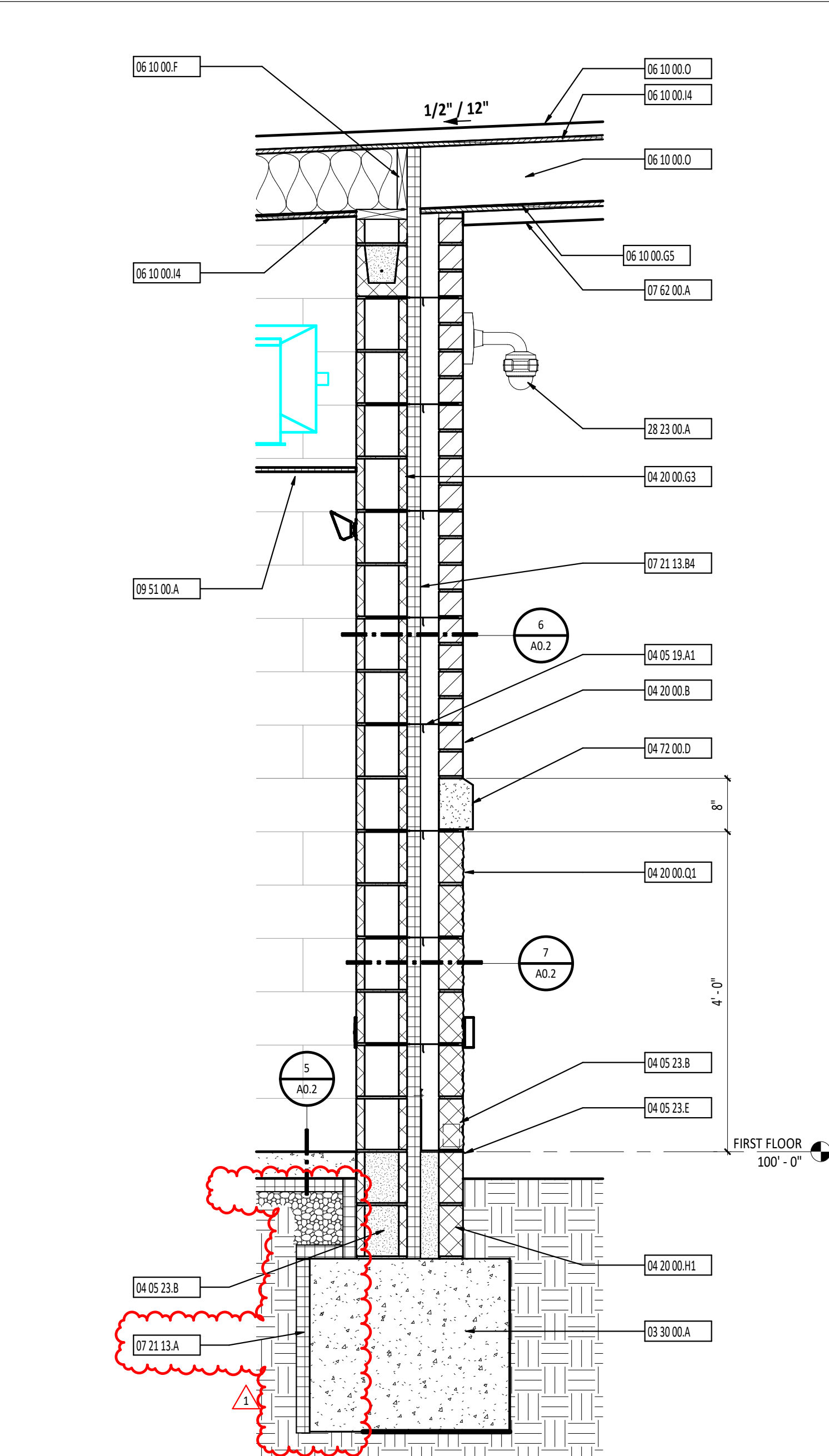
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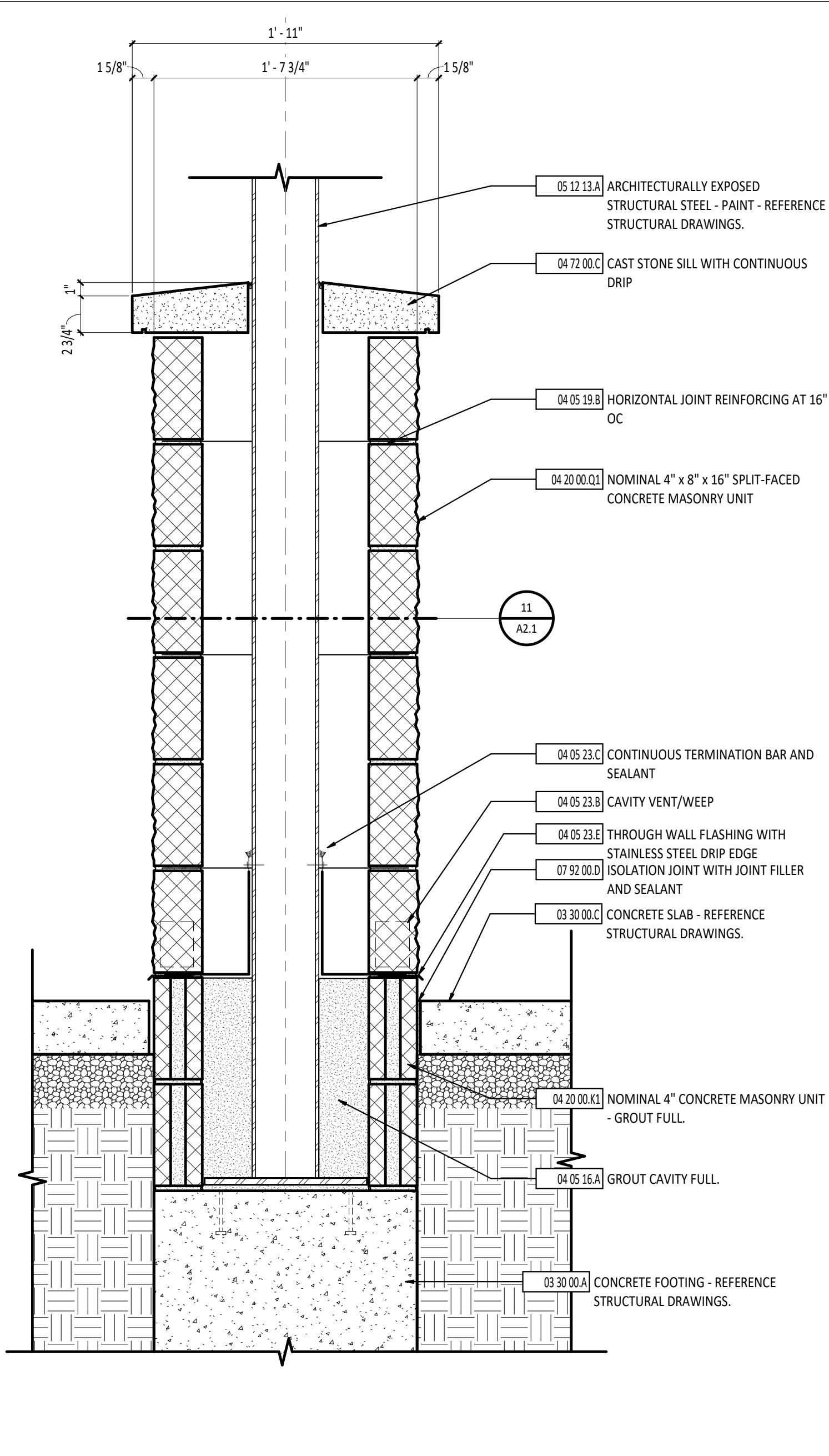
4 WALL SECTION  
3/4" = 1'-0"



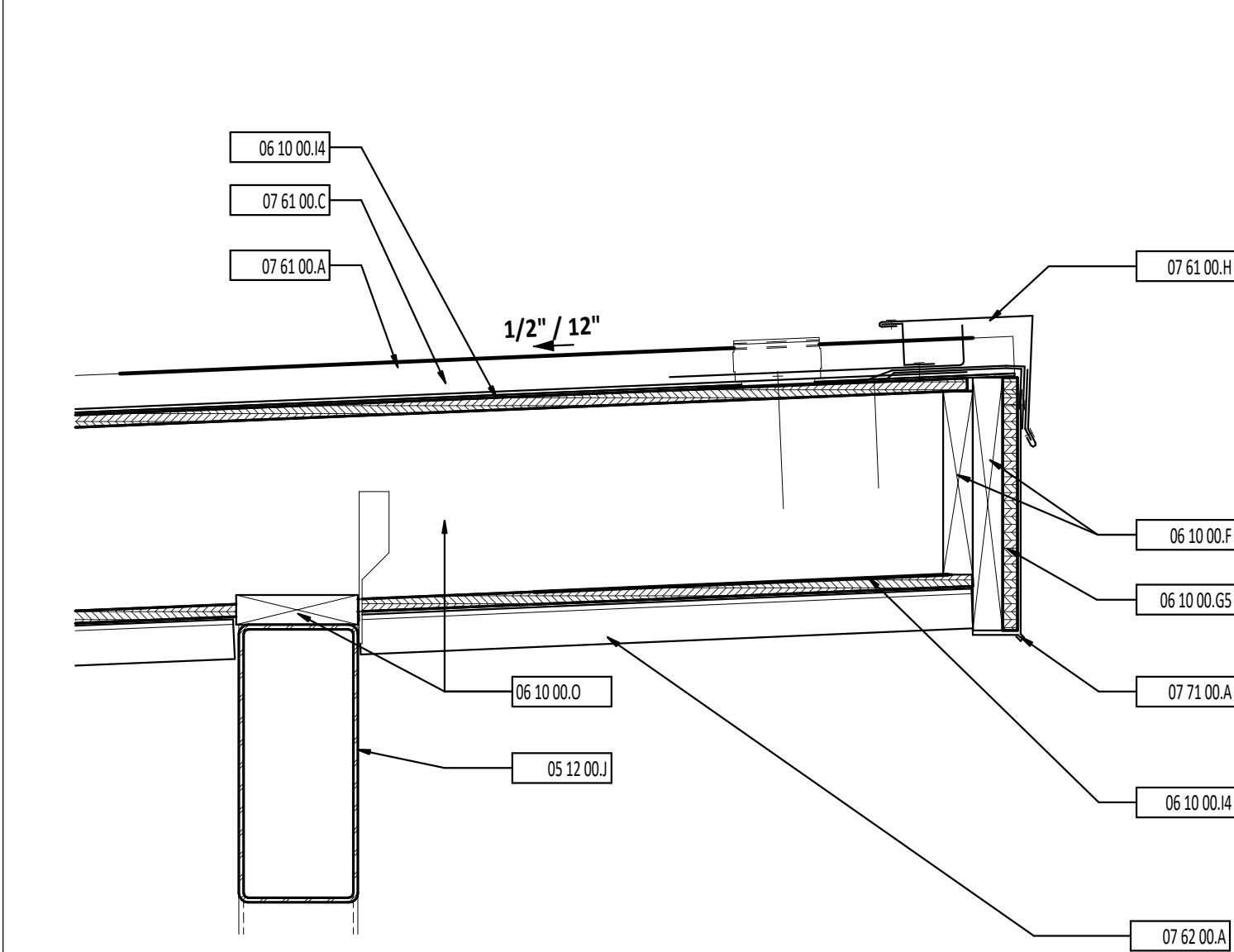
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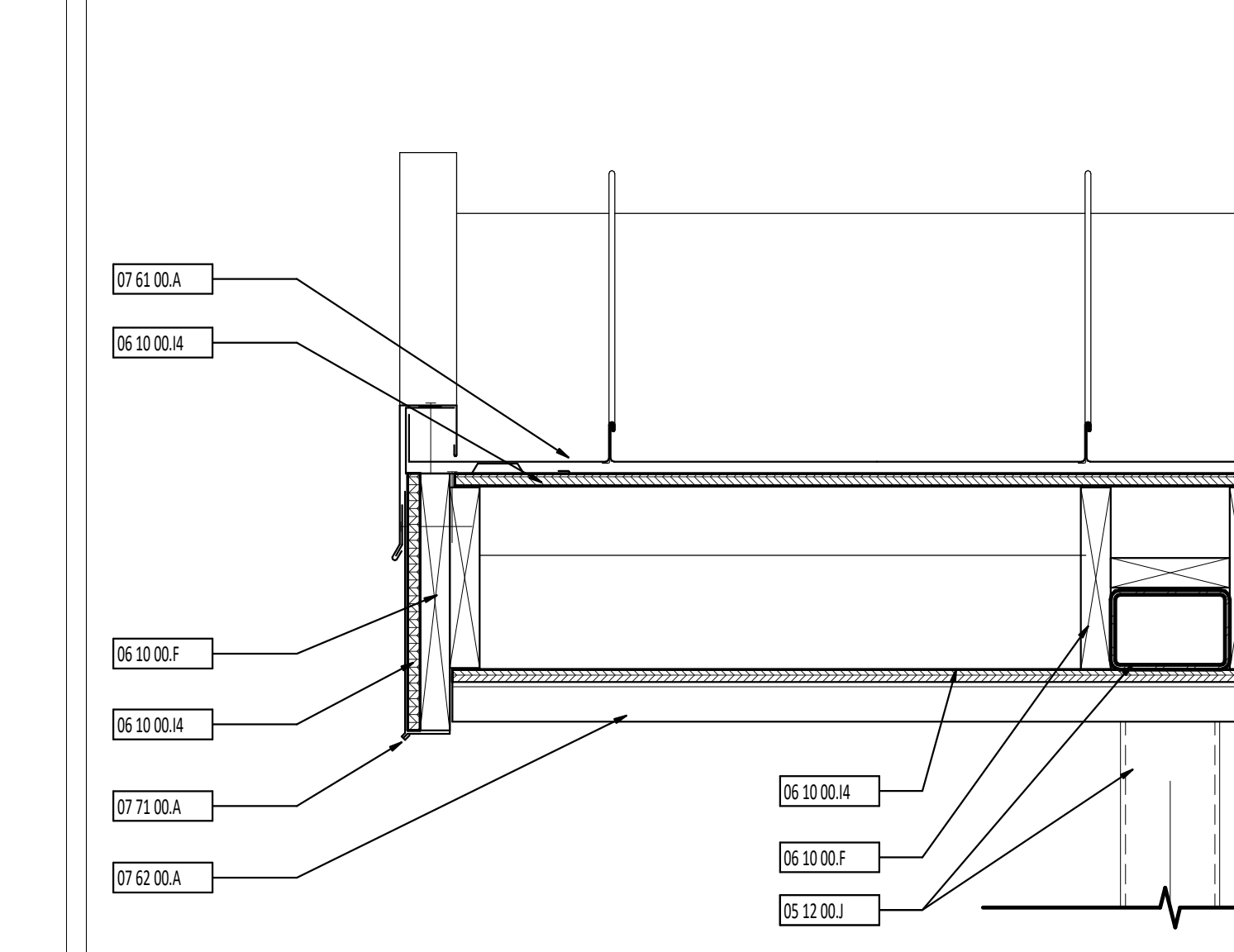
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3/4" = 1'-0"



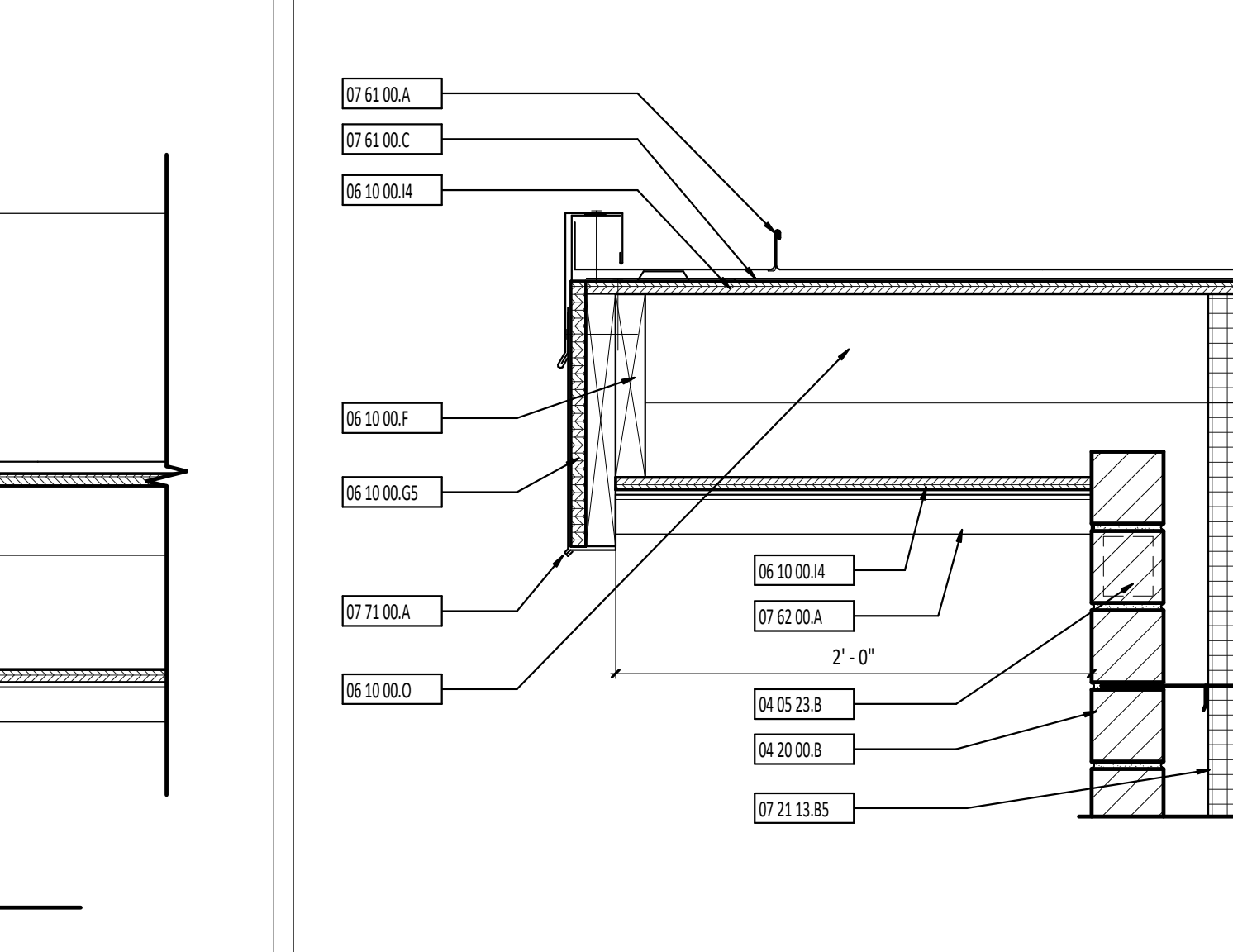
7 COLUMN SECTION DETAIL  
1 1/2" = 1'-0"



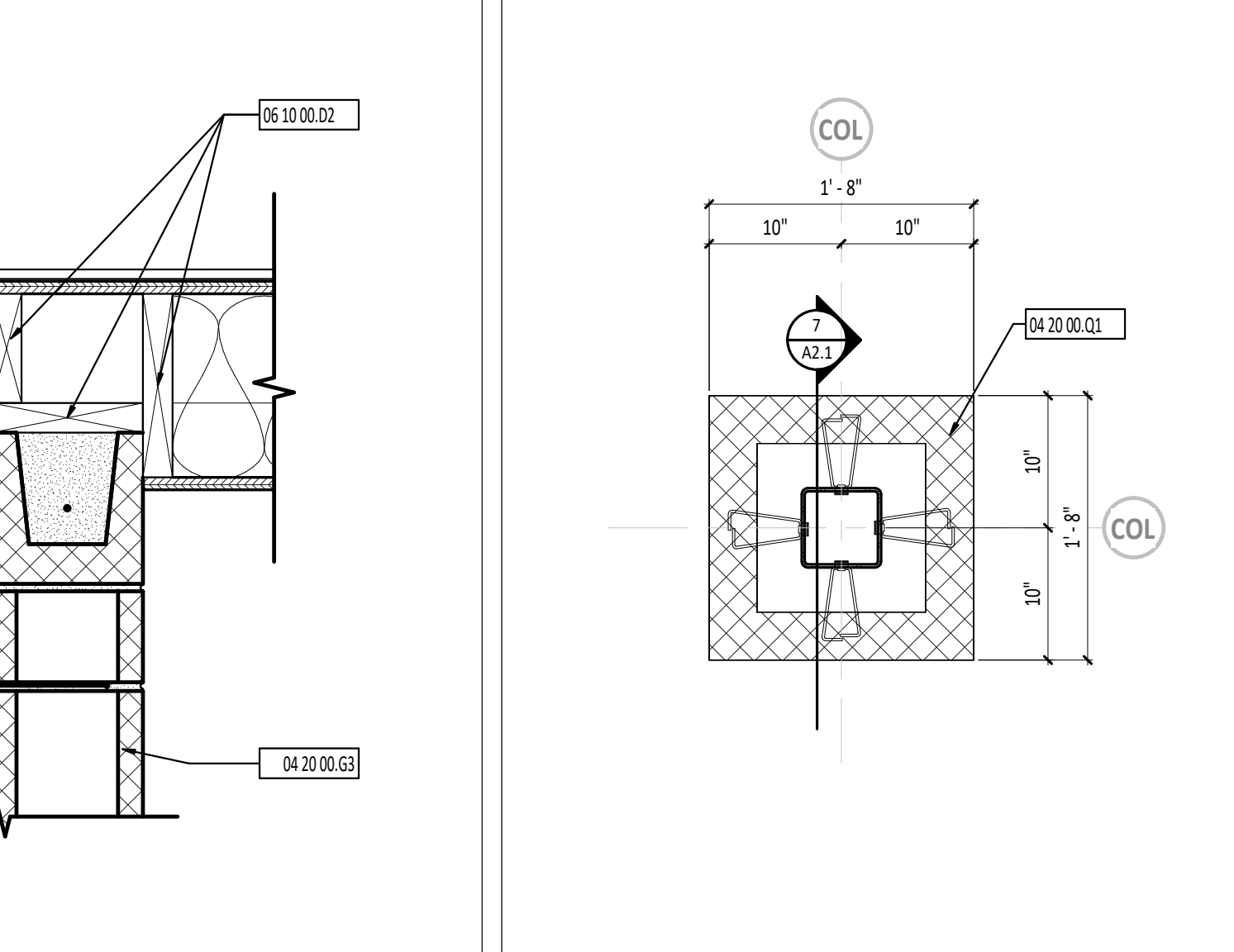
8 PEAK DETAIL WITH SOFFIT CANOPY  
1 1/2" = 1'-0"



9 RAKE DETAIL WITH SOFFIT  
1 1/2" = 1'-0"



10 RAKE DETAIL WITH SOFFIT  
1 1/2" = 1'-0"



11 COLUMN WRAP DETAIL  
1" = 1'-0"