

Request for Bids for the Morse Road Transfer Station Improvements Project

Posted: April 9, 2025

This Addendum No. 5 shall be considered part of the RFB for the Morse Road Transfer Station Improvement Project and is intended to correct, change, and/or add to the documents as described below. Please make sure to complete the Addenda Acknowledgement form included in the *Required Documents*.

Listed below are additional questions received relating to the Project above with answers from SWACO. Please note the updated answer to Question #12 that was previously answered in Addendum No. 4:

Question #12: Per Addendum 2 Page ST00-003 the four details in the middle of the page were eliminated. Specifically detail RC08, floor slab construction joint showing keyway was eliminated and no alternate detail was provided for the construction joint at the tipping floor. As discussed at the pre bid the original floor to be demoed contains doweled construction joints & we understood that the new construction joints would be doweled as well. There should be a new detail replacing the original RC08 drawing showing construction joints using 18" X 1 1/2" epoxy coated smooth dowels @ 1.0' OC. Per ODOT & COC specs. Please clarify.

Answer: The construction joint detail for the tipping floor has been revised to include dowels and is provided in detail 1/ST01-0004 included with this addendum. Dowels are to be epoxy-coated, smooth dowels. **UPDATE – the drawing has been revised once more to correct an error on the dowel size, previously submitted. Note the dowel is to be 1-1/2" in diameter, per the drawings included in this addendum.**

Question #17: Sheets AR01-0005 and AR01-0008 call for membrane roofing. Sheet AR01-0007 calls for modified bitumen roofing. Please clarify what is required..

Answer: The roofing is modified bitumen membrane roofing. See attached, revised sheets AR01-0005, AR01-0006, AR01-0007, and AR01-0008 for note clarification.

Question #18: Please provide the manufacturer for the new metal wall panels.

Answer: The manufacturer for the new metal wall panels is MBCI. Using the Exposed Fastening System, 7.2 Panel.

Question #19: Please specify if new metal wall panels will receive insulation and if so, what type and R value?

Answer: The metal wall panels are not insulated.

Question #20: Door 100.4 calls for both galvanized and rubber high speed roll-up door. Please clarify what is required.

Answer: Doors 100.1 and 100.4 are both rubber high speed roll-up doors. See attached, revised door schedule on sheet AR01-0007 for clarification.

Question #21: We see there are two types of water collection concerns. The first would be for the petroleum product runoff at the fuel station and trash wastewater runoff. Is it possible the owner would have perspective bidders complete that work under an allowance for a number "not to exceed"? I see this as a benefit to all bidders for a competitive bid.

Allowance not utilized under this scope of work would go back to the owner. Secondly, can the trash wastewater for both Phase 1 and 2 be directly pumped into the existing water retention pond? Contractor could utilize as rubber hose bridge for use during work hours if necessary.

Answer: First, reference the updated Bid Sheet included with this addendum. Pay Item 11 has been added as an allowance for collected stormwater in the pit of the fuel tank. However, there are restrictions to this allowance. The Successful Bidder is required to provide temporary dike(s) as necessary to prevent stormwater from draining into the exposed pit. Only stormwater that falls into the pit will be covered under this allowance. Next, the pit is to be backfilled immediately upon receipt of passing soil test results. Stormwater to be removed after the passing soil test results will not be covered under this allowance.

Second, no “trash wastewater” is permitted to enter the existing detention pond. Any liquids that accumulate on the tipping floor during construction will be managed by SWACO Operations as normal.

Question #22: Is the grating tread stair and platform on the south side to be galvanized?

Answer: Yes, the stair and platforms are to be galvanized.

Question #23: Asking for clarification as to location of interior and exterior pipe bollards.

Answer: Bollards are not to be installed on this project.

Question #24: Are the interior bolt down bollards to be galvanized?

Answer: Bollards are not to be installed on this project.

Question #25: A Bid Bond Form has not been issued with the front ends. Do you require us to submit a bond on a certain form or are we to supply our own? Please advise

Answer: Under Section III, Paragraph D(2), Bidders are required to supply a Bidder’s Statement, Bid Guarantee, and a Consent of Surety. The actual Bid Bond will be requested from the Successful Bidder.

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**Attachments**

- 1) Revised Bid Sheet, dated 4/9/2025
- 2) Revised specifications
  - a. Section 07 42 13 – Metal Wall Panels
- 3) Revised drawings
  - a. AR01-0005\_R1
  - b. AR01-0006\_R1
  - c. AR01-0007\_R2
  - d. AR01-0008\_R1
  - e. ST01-0004\_R2

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**The timeframe for questions relating to this RFB is CLOSED.**

**Bids are due no later than 1:30 p.m., April 18, 2025**

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++ This completes Addendum No. 5 ++

**BID SHEET**

To the Solid Waste Authority of Central Ohio (“SWACO”), Franklin County, Ohio, to provide the Project as outlined in this RFB and in accordance with the specifications provided; therefore, **EACH BIDDER MUST TAKE NOTICE OF THE FACT THAT EVEN THOUGH ITS BID MAY BE ACCEPTED AND THE DOCUMENTS SIGNED BY THE BIDDER TO WHOM AN AWARD IS MADE AND BY SWACO, THAT NO SUCH AWARD OR SIGNING BY SWACO SHALL BE CONSIDERED A BINDING CONTRACT WITHOUT THE PROPER CERTIFICATE BY THE FISCAL OFFICER OF SWACO INDICATING THAT FUNDS ARE AVAILABLE TO COVER THE COST OF THE WORK TO BE DONE, OR WITHOUT THE APPROVAL OF THE LEGAL COUNSEL OF SWACO AS TO THE FORM OF THE CONTRACT AND ALL THE PERTINENT DOCUMENTS RELATING THERETO HAVING BEEN APPROVED BY SAID LEGAL COUNSEL OF SWACO AND SUCH BIDDER IS HEREBY CHARGED WITH THIS NOTICE.**

The signer of the Bid, as Bidder, also declares that the only person, persons, company or parties interested in this Bid are named in this Bid, that he/she has carefully examined the advertisement, instructions to Bidders, General Conditions, sample contract documents, and all other documents related to this Bid as listed in the “Table of Contents” section of the Request for Bid package; that the Bidder or his/her representative has made such investigation as is necessary to determine the character and extent of the purchase and he/she proposes and agrees that if this Bid be accepted he/she will contract with SWACO to perform all necessary procedures in order to execute SWACO’s purchase within the time period set forth and according to the requirements of SWACO herein and hereinafter set forth for the following prices:

THE BIDDER’S LUMP SUM TOTALS BELOW ARE ITS TOTAL BIDS BASED ON UNIT PRICES. THESE FIGURES ARE FOR INFORMATION ONLY AT THE TIME OF OPENING BIDS. SWACO WILL MAKE THE TABULATION FROM THE UNIT PRICES. IF THERE IS AN ERROR IN THE LUMP SUM TOTAL BY THE BIDDER, IT SHALL BE CHANGED AS ONLY THE LUMP SUM PRICES SHALL GOVERN.

**BID SHEET (CONTINUED)**

This Bid is to provide the Project according to the information provided in the Request for Bid documents.

**Company Name** \_\_\_\_\_

**Bid Tab**

| PAY ITEM                                   | DESCRIPTION                                                                                                                                                          | ESTIMATED QUANTITY | UNIT      | TOTAL    |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|----------|
| 1                                          | General Requirements and General Conditions                                                                                                                          | 1                  | LS        |          |
| 2                                          | Remove & Replace Concrete Paving                                                                                                                                     | 1                  | LS        |          |
| 3                                          | Remove Fuel Island & Underground Tanks                                                                                                                               | 1                  | LS        |          |
| 4                                          | Demolish Tipping Floor                                                                                                                                               | 1                  | LS        |          |
| 5                                          | Install Tipping Floor<br>▪ Construction of Conveyor Pit                                                                                                              | 1                  | LS        |          |
| 6                                          | Underground Utilities<br>▪ Install Underground Detention and Sanitary Sewer<br>▪ Install Storm Sewer                                                                 | 1                  | LS        |          |
| 7                                          | Building Improvements<br>West Building Expansion<br>▪ Remove and Replace West Canopy<br>▪ Partial West Wall Demolition<br>▪ Fire Suppression<br>▪ Concrete Push Wall | 1                  | LS        |          |
| 8                                          | Electrical Installation                                                                                                                                              | 1                  | LS        |          |
| 9                                          | Clean Out Detention Pond                                                                                                                                             | 1                  | LS        |          |
| <b>Subtotal (Pay Items 1 – 9)</b>          |                                                                                                                                                                      |                    |           |          |
| 10                                         | Compactor & Conveyor Installation Allowance                                                                                                                          | 1                  | Allowance | \$100,00 |
| 11                                         | Fuel Island Removal Stormwater Removal Allowance                                                                                                                     | 1                  | Allowance | \$75,000 |
| <b>TOTAL BID AMOUNT (Pay Items 1 – 11)</b> |                                                                                                                                                                      |                    |           |          |

[Write out the Total Bid Amount below]

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Submitted this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

By: \_\_\_\_\_  
*Authorized Signature*

## Bidder's Representative

Contact Person for this Bid \_\_\_\_\_

Title \_\_\_\_\_

E-mail Address \_\_\_\_\_

Company Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone Number \_\_\_\_\_ Fax Number \_\_\_\_\_

Mobile Number \_\_\_\_\_

Attach additional paperwork if necessary.

If Bidder is:

**An Individual**

By: \_\_\_\_\_  
(Individual's signature)

\_\_\_\_\_  
(Printed or typed name of individual)

Doing business as: \_\_\_\_\_

License or Registration Number: \_\_\_\_\_

Business Address: \_\_\_\_\_

Phone No. \_\_\_\_\_ Fax No.: \_\_\_\_\_

~~~~~

A Partnership

By: _____
(Firm name)

(General partner's signature)

(Printed or typed name of general partner) (Attach evidence of authority to sign.)

License or Registration Number: _____

Business Address: _____

Phone No. _____ Fax No.: _____

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**A Corporation**

By: \_\_\_\_\_  
(Corporation name)

\_\_\_\_\_  
(State of incorporation)

By: \_\_\_\_\_  
(Signature of officer authorized to sign)

\_\_\_\_\_  
(Printed or typed name and title of officer authorized to sign. Attach evidence of authority to sign.)

(CORPORATE SEAL)

Attest: \_\_\_\_\_  
(Secretary)

License or Registration Number: \_\_\_\_\_

Business Address: \_\_\_\_\_

Phone No. \_\_\_\_\_ Fax No.: \_\_\_\_\_

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Limited Liability Company

By: _____
(Firm name)

(State of formation)

By: _____
(Signature of member authorized to sign)

(Printed /typed name and title of authorized member. Attach evidence of authority to sign.)

License or Registration Number: _____

Business Address: _____

Phone No. _____ Fax No.: _____

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**A Joint Venture**

Joint Venture Name: \_\_\_\_\_

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed or Typed Name) (Title)

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed or Typed Name) (Title)

\_\_\_\_\_  
(Address)

Phone and fax number and address for receipt of communications to joint venture:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation or limited liability company that is a party to the joint venture shall be in the manner indicated above).

++ END OF BID FORM ++

## SECTION 074213 - METAL WALL PANELS

### PART 1 - GENERAL

#### 1.1 SECTION INCLUDES

- A. Section includes preformed non-insulated metal siding system with liner and soffits, Insulated metal panel system with subgirts, Insulated panel system with liner, subgirts, related flashings and accessory components.
- B. Accessories including fasteners and perimeter trim.

#### 1.2 REFERENCES

- A. American Architectural Manufacturers Association (AAMA)
  - 1. AAMA 501.1: Standard Test Method for Metal Curtain Walls for water penetration using Dynamic Pressure.
  - 2. AAMA 501.2: Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls and Sloped Glazing Systems.
- B. American Society of Civil Engineers (ASCE)
  - 1. ASCE 7: Minimum Design Loads for Buildings and Other Structures.
- C. ASTM International
  - 1. ASTM A480: Standard Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet and Strip.
  - 2. ASTM A653: Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
  - 3. ASTM A755: Standard Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products
  - 4. ASTM A792: Standard Specification for Steel Sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot-Dip Process
  - 5. ASTM A924: Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process
  - 6. ASTM B117: Standard Practice for Operating Salt Spray (Fog) Apparatus
  - 7. ASTM B209: Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
  - 8. ASTM C273: Standard Test Method for Shear Properties of Sandwich Core Materials.
  - 9. ASTM C518: Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
  - 10. ASTM D522: Standard Test Methods for Mandrel Bend Test of Attached Organic Coatings
  - 11. ASTM D523: Standard Test Method for Specular Gloss
  - 12. ASTM D714: Standard Test Method for Evaluating Degree of Blistering of Paints
  - 13. ASTM D968: Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive
  - 14. ASTM D1308: Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes

15. ASTM D1621: Standard Test Method for Compressive Properties of Rigid Cellular Plastics
16. ASTM D1622: Standard Test Method for Apparent Density of Rigid Cellular Plastics
17. ASTM D1623: Standard Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics
18. ASTM D1929: Standard Test Method for Determining Ignition Temperature of Plastics
19. ASTM D2126: Standard Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging.
20. ASTM D2244: Standard practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates
21. ASTM D2247: Standard Practice for Testing Water Resistance of Coatings in 100 percent Relative Humidity
22. ASTM D2794: Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)
23. ASTM D3273: Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber.
24. ASTM D3359: Standard Test Methods for Measuring Adhesion by Tape Test
25. ASTM D3363: Standard Test Method for Film Hardness by Pencil Test
26. ASTM D4145: Standard Test Method for Coating Flexibility of Prepainted Sheet
27. ASTM D4214: Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films
28. ASTM D5894: Standard Practice for Cyclic Salt Fog/UV Exposure of Painted Metal, (Alternating Exposures in a Fog/Dry Cabinet and a UV Condensation Cabinet)
29. ASTM D6226: Standard Test Method for Open Cell Content of Rigid Cellular Plastics.
30. ASTM E72: Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
31. ASTM E84: Standard Test Method for Surface Burning Characteristics of Building Materials
32. ASTM E90: Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
33. ASTM E283: Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
34. ASTM E330: Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
35. ASTM E331: Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
36. ASTM G153: Standard Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials
37. ASTM G154: Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials
38. ASTM E1354: Standard Test Method for Heat and Visible Smoke Release Rates

D. International Building Code (IBC): current edition

E. National Fire Protection Agency (NFPA)

1. NFPA 259: Standard Test Method for Potential Heat of Building Materials.
2. NFPA 285: Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components.

F. International Organization for Standardization (ISO)

1. ISO 14025: Environmental Labels and Declarations

1.3 ADMINISTRATIVE REQUIREMENTS

- A. Pre-installation meeting: Conduct a pre-installation meeting at the job site attended by Owner, Architect, Manufacturer's Technical Representative, Panel Installer, and Contractors of related trades. Coordinate structural support requirements in relation to insulated wall panel system, installation of any separate air/water barriers, treatment of fenestration, and other requirements specific to the project.

1.4 SUBMITTALS

- A. Refer to Section 013300 Submittal Procedures.
- B. Product Data: Submit manufacturer current technical literature for each type of product.
- C. Shop Drawings: Submit detailed drawings and panel analysis showing:
1. Profile
  2. Gauge of both exterior and interior sheet
  3. Location, layout and dimensions of panels
  4. Location and type of fasteners
  5. Shape and method of attachment of all trim
  6. Locations and type of sealants
  7. Installation sequence
  8. Coordination Drawings: Provide elevation drawings and building sections which show panels in relationship to required locations for structural support. Include panel details and details showing attachment to structural support.
  9. Other details as may be required for a weathertight installation
- D. Panel Analysis: Provide panel calculations to verify panels will withstand the design wind loads indicated without detrimental effects or deflection exceeding L/180. Include effects of thermal differential between the exterior and interior panel facings and resistance to fastener pullout.
- E. Samples: Provide nominal 3 x 5 inch of each color indicated.
- F. Quality Assurance Submittals
1. Design Data, Test Reports: Provide manufacturer test reports indicating product compliance with requirements.
  2. Manufacturer Erection Instructions: Provide manufacturer's written installation instructions including proper material storage, material handling, installation sequence, panel location(s), and attachment methods, details and required trim and accessories.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications:

1. Manufacturer shall have a minimum of five (5) years' experience in the production of insulated wall panels. Manufacturer shall demonstrate past experience with examples of projects of similar type and exposure.
  2. Manufacturer to be registered with a Program Operator with a Certified, Environmental Product Declaration, in conformance with ISO 14025, for Insulated Metal Panels.
- B. Installer Qualifications: Authorized by the manufacturer and the work shall be supervised by a person having a minimum of five (5) years' experience installing insulated wall panels on similar type and size projects.

#### 1.6 DELIVERY, STORAGE AND HANDLING

- A. Deliver panel materials and components in manufacturer's original, unopened, undamaged packaging with identification labels intact.
- B. Store wall panel materials on dry, level, firm, and clean surface. Stack no more than two bundles high. Elevate one end of bundle to allow moisture run-off, cover and ventilate to allow air to circulate and moisture to escape.

#### 1.7 WARRANTY

- A. Limited Warranty: Standard form in which manufacturer agrees to repair or replace items that fail in materials or workmanship within specified warranty period. The items covered by the warranty include structural performance including bond integrity, deflection and buckling.
  1. Warranty Period: Two (2) years from date of Substantial Completion, or 2 years and 6 months from the date of shipment from manufacturer's plant, whichever occurs first.
- B. Finish Warranty: Standard form in which manufacturer agrees to repair or replace metal panels that evidence deterioration of fluoropolymer finish, including flaking or peeling from approved primed metal substrate, chalk in excess of 8 when tested in accordance with ASTM D4214, Method A, and /or color fading in excess of 5 ΔE Hunter units on panels when tested in accordance with ASTM D2244.
  1. Warranty Period: Twenty (20) years from date of Substantial Completion, or 20 years and 3 months from the date of shipment from manufacturer's plant, whichever occurs first.
- C. Thermal Warranty: Standard form in which manufacturer agrees to repair or replace panels that exhibit greater than 10% reduction from published material R-value at time of manufacture as measured in accordance with ASTM C518 within specified warranty period.
  1. Warranty Period: Thirty (30) years from date of Substantial Completion or 30 years and 3 months from date of shipment from manufacturer's plant, whichever occurs first.

### PART 2 – PRODUCTS

#### 2.1 System Description

- 1 **Basis of Design: MBCI, Exposed fastening System, 7.2 panel.**
- 2 Liner panels shall be attached to building girts with zinc plated fasteners.

- 3 Subgirts shall be attached to liner panels with zinc plated self-drilling fasteners.
- 4 Wall panels shall be fastened to subgirts. ~~Fasteners shall be concealed.~~

## 2.2 COMPONENTS

Exterior Panel and Other Sheet Materials: Minimum 24 gage thick precoated steel Grade 40 structural steel with G90 hot dipped galvanized coating both conforming to ASTM A653 stock 0.024 inch thick precoated aluminum stock; profile as indicated on Drawings 1 1/2" deep; ~~12" 36" inches wide panel; 1" reveal; interlocking edges and concealed fasteners, fitted with continuous gaskets surface embossed.~~

1. Precoated Galvanized Steel: ASTM A755/A755M; G90; shop precoated with manufacturer's standard thermosetting coating. Exposed Exterior Surfaces: Color as selected by architect from manufacturer's standard range.

~~B. Liner: depth as required for R-value of insulation thickness; minimum 24-gage thick steel stock 0.024-inch-thick aluminum stock; vertical smooth profile 24" inch wide panels; interlocking edges, manufacturer's standard edge condition.~~

- ~~1. Galvanized Steel: ASTM A653/A653M, Grade D, Coating Designation G90. Precoated Surfaces: Color as selected by architect from manufacturer's standard range.~~

~~C. Soffit Panels: 24-gage-thick pre-coated steel 0.024-inch-thick pre-coated aluminum alloy, 12-inch-wide panels; lapped edges fitted with continuous gaskets. 23~~

- ~~1. Galvanized Steel: ASTM A653/A653M, Grade D, Coating Designation G90. Precoated Surfaces: Color as selected by the architect from manufacturer's standard range.~~

D. Miscellaneous Sheet Materials: Minimum 24 gage thick steel stock 0.024-inch-thick aluminum stock.

1. Galvanized Steel: ASTM A653/A653M, Grade D, Coating Designation G90. Precoated Surfaces: Color as selected by the architect from manufacturer's standard range. 30

E. Subgirts: Steel profile as indicated on Drawings; to attach panel system to structural frame. Thickness as required to support specified loads within specified deflection limitations.

F. Internal and External Corners: Same material, thickness, and finish as exterior sheets; profile to suit system; shop cut and factory mitered to required angles. Mitered internal corners to be back braced with 22 gage thick pre-coated sheet stock to maintain continuity of profile.

G. Expansion Joints: Same material, thickness and finish as exterior sheets; manufacturer's standard brake formed type, of profile to suit system. Exposed fasteners same finish as panel system.

H. Trim, Closure Pieces, Caps, Flashings, Facias and Infills: Same material, thickness and finish as exterior sheets; brake formed to required profiles.

I. Anchors: Galvanized steel

## 2.3 ACCESSORIES

### A. Fasteners:

1. Self-drilling fasteners shall be corrosion resistant plated steel with neoprene washer, as recommended by manufacturer.
2. Material: Hex-head type with steel and neoprene washer and 12-gauge stainless steel clip supplied by the manufacturer.
3. Size: As recommended by manufacturer.

### B. Perimeter Trim:

1. Fabricated perimeter trim and metal flashing: Shall be same gauge, material and coating color as exterior face of insulated metal wall panel.
2. Extruded perimeter trim: Shall be extruded aluminum 6063-T5 alloy with spray applied PVF coating in same color as exterior face of insulated metal wall panel.

### C. Sealants: Butyl, non-skinning/curing type as recommended by manufacturer.

### D. Butyl Tape: As recommended by manufacturer.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Provide field measurements to manufacturer as required to achieve proper fit of the preformed wall panel envelope. Measurements shall be provided in a timely manner so that there is no impact to construction or manufacturing schedule.
- B. Supporting Steel: All structural supports required for installation of panels shall be by others. The walls must be square, and support members to which panels are attached must be in the same plane (not lapped or nested), flat and free of obstructions such as weld marks, bolts or screw heads. Support members shall be installed within the following tolerances:
  1. Plus or minus 1/8 inch in 5 feet in any direction along plane of framing.
  2. Plus or minus 1/4 inch cumulative in 20 feet in any direction along plane of framing.
  3. Plus or minus 1/2 inch from framing plane on any elevation.
  4. Plumb or level within 1/8 inch at all changes of transverse for pre-formed corner panel applications.
  5. Verify that bearing support has been provided behind vertical joints of horizontal panel systems and horizontal joints of vertical panel systems. Width of support shall be as recommended by manufacturer.

- C. Examine individual panels upon removing from the bundle; notify manufacturer of panel defects. Do not install defective panels.

### 3.2 PANEL INSTALLATION

- A. Installation shall be in accordance with manufacturer's installation guidelines and recommendations.
- B. Install panels plumb, level, and true-to-line to dimensions and layout indicated on approved shop drawings.

- C. Cut panels prior to installing, where indicated on shop drawings, using a power circular saw with fine tooth carbide tip blade per manufacturer's instructions. Personnel should wear respiratory and eye protection devices.
- D. Butyl Weather Barrier Sealant:
  - 1. Apply non-skinning butyl sealant as shown on shop drawings and manufacturer's installation instructions as necessary to establish the vapor barrier for the panels.
  - 2. Use non-skinning butyl tube sealant only for tight metal-to-metal contact.
  - 3. Do not use non-skinning butyl tube sealant to bridge gaps.
- E. Place panel fasteners through pre-punched holes in attachment clips, concealed within the joint of the panel. Secure units to the structural supports. Space clips as recommended by manufacturer or otherwise indicated on the approved shop drawings.

### 3.3 TRIM INSTALLATION

- A. Place trim and trim fasteners only as indicated per details on the approved shop drawings.
- B. Field drill weep holes where appropriate in horizontal trim; minimum 1/4 inch diameter at 24 inches on center.
- C. Place a continuous strip of butyl tube sealant between the inside back face of closure trims and interior panel faces for proper vapor seal.

### 3.4 SEALANT INSTALLATION FOR EXPOSED JOINTS

- A. Clean and prime surfaces to receive exterior exposed sealants in accordance with sealant manufacturer's recommendations.
- B. Follow sealant manufacturer's recommendations for joint width-to-depth ratio, application temperature range, size and type of backer rod, and compatibility of materials for adhesion.
- C. Direct contact between butyl and silicone sealants shall not be permitted.

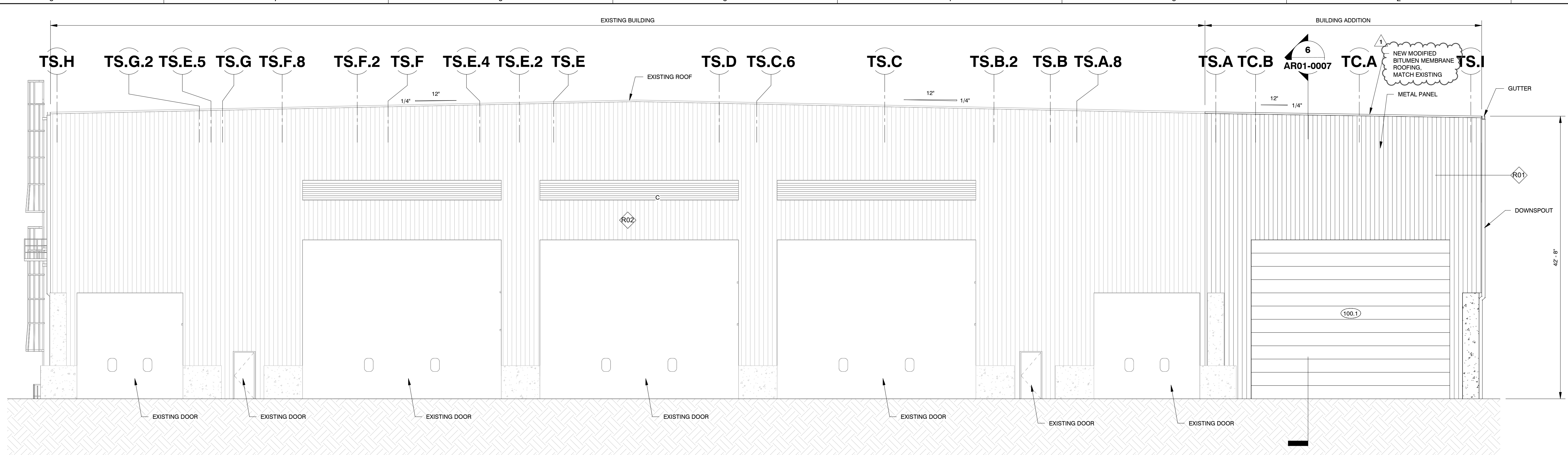
### 3.5 TRIM INSTALLATION

- A. Place trim and trim fasteners only as indicated per details on the approved shop drawings.
- B. Field drill weep holes where appropriate in horizontal trim where indicated on shop drawings.
- C. Place a continuous strip of butyl tape or butyl sealant on closure trims for the length of the panel to be covered as indicated on shop drawings.

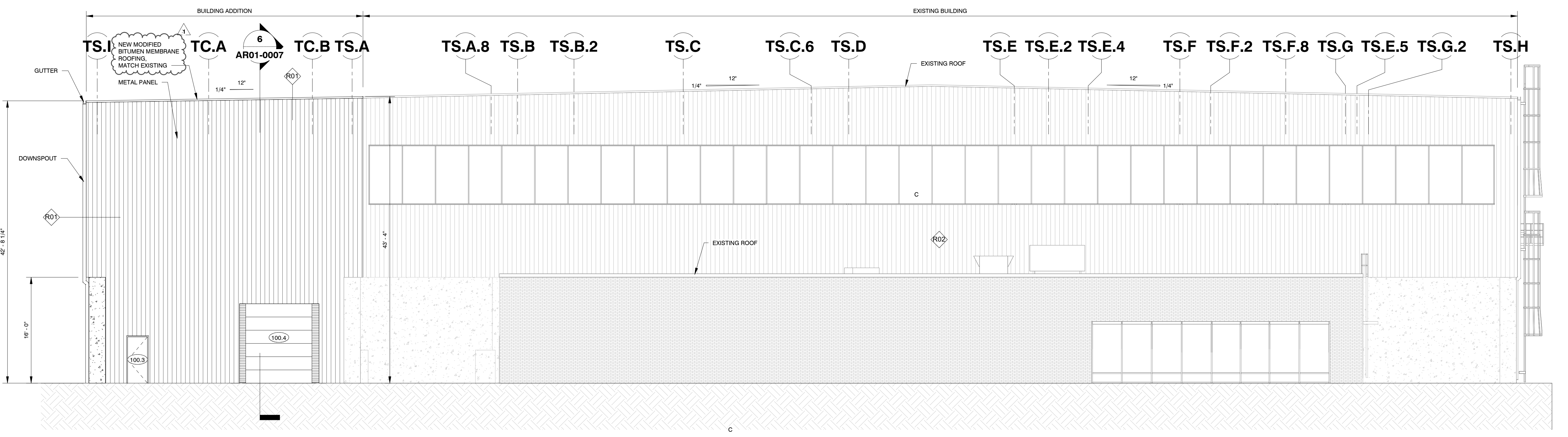
### 3.6 CLEANING AND PROTECTION

- A. Remove protective film immediately after installation.
- B. Touch-up, repair or replace metal panels and trim that have been damaged.
- C. After metal wall panel installation, clear weep holes and drainage channels of obstructions, dirt, and sealant.

END OF SECTION 074213



**1 EXTERIOR ELEVATION - NORTH**  
 AR01-0003 1/8" = 1'-0"

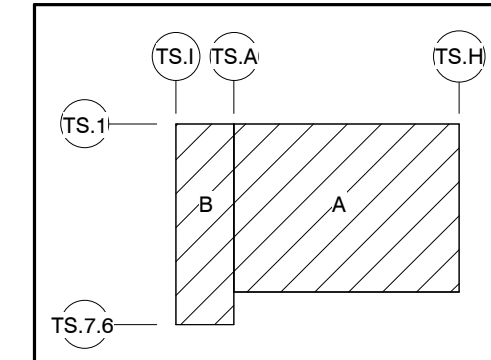


**3 EXTERIOR ELEVATION - SOUTH**  
 AR01-0003 1/8" = 1'-0"

| WALL MATERIALS |                                                                                                                                                                                        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | NEW METAL WALL PANELS - TO MATCH EXISTING METAL WALL PANEL PROFILE AND WIDTH. TO BE PAINTED WITH VALSPAR METAL PANEL BUILDING SIDING AND ROOF FINISH PAINT, COLOR: SAFARI BROWN 6009-1 |
|                | EXISTING METAL WALL PANELS TO REMAIN. TO BE PAINTED WITH VALSPAR METAL PANEL BUILDING SIDING AND ROOF FINISH PAINT, COLOR: SAFARI BROWN 6009-1                                         |

| ELEVATION LEGEND |                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------|
|                  | WALL MATERIAL MARKER - SEE WALL MATERIAL LEGEND ON THIS SHEET, AND WALL SCHEDULE ON SHEET AR01-0008 FOR ADDITIONAL INFORMATION |
|                  | DOOR MARKER - SEE DOOR SCHEDULE ON SHEET AR01-0008                                                                             |

**NOTE:**  
 1. SEE SHEET AR01-0001 FOR ARCHITECTURAL SYMBOLS AND MATERIALS LEGENDS



| REVISION RECORD |             |                         |
|-----------------|-------------|-------------------------|
| NO.             | DATE        | DESCRIPTION             |
| 0               | 03 MAR 2025 | ISSUED FOR CONSTRUCTION |
| 1               | 05 APR 2025 | ADDENDUM #4             |

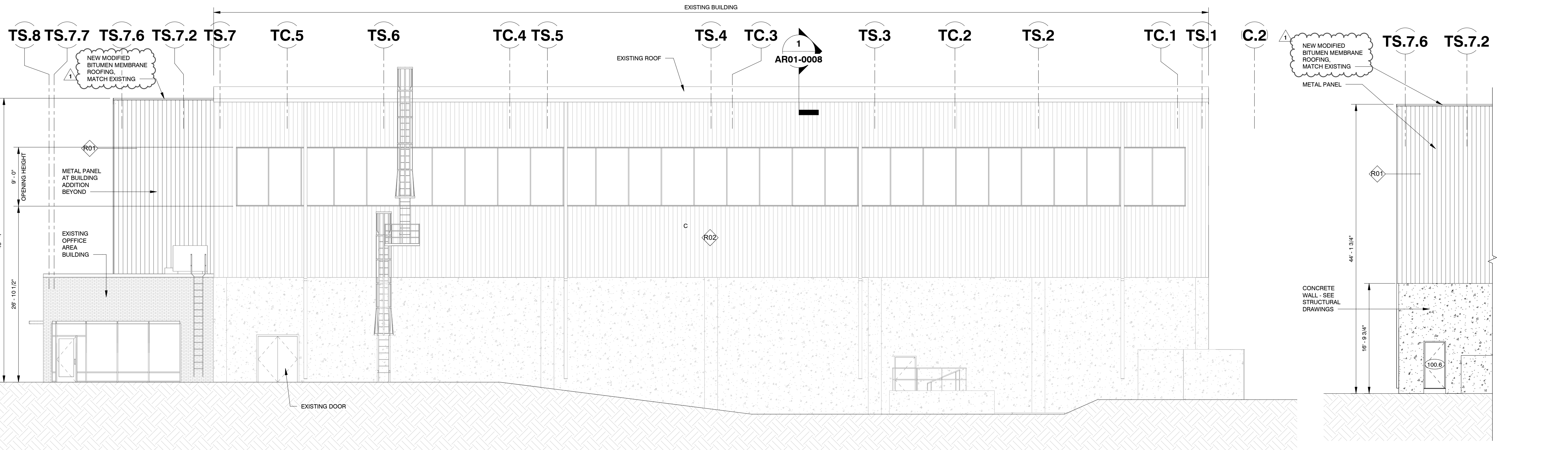
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**SOLID WASTE AUTHORITY  
 OF CENTRAL OHIO  
 MORSE ROAD TRANSFER STATION  
 4260 MORSE ROAD  
 CITY OF COLUMBUS, OHIO 43230**

**ARCHITECTURAL  
 EXTERIOR ELEVATIONS**

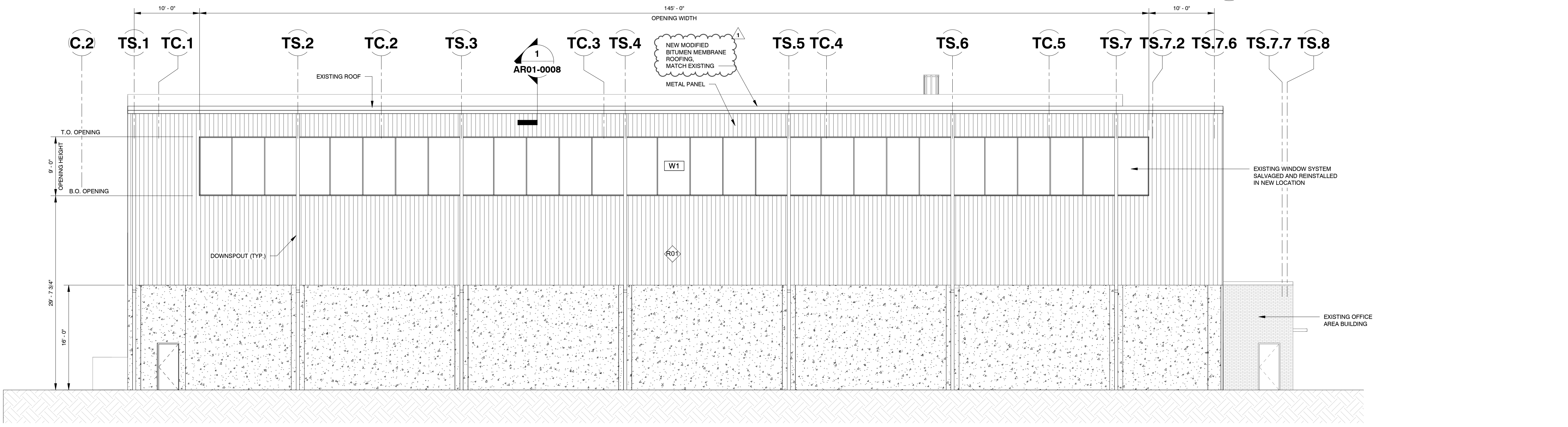
DATE: JAN 2022 DRAWN BY: B. KEECH  
 DWG SCALE: AS SHOWN CHECKED BY: S. MARITZER  
 PROJECT NO: 313-408  
 APPROVED BY: R. SUSALLA

DRAWING NO: **AR01-0005**  
 SHEET 38 OF 88



**2 EXTERIOR ELEVATION - EAST**  
AR01-0003 1/8" = 1'-0"

**5 EXTERIOR ELEVATION - EAST EXTENSION**  
AR01-0003 1/8" = 1'-0"

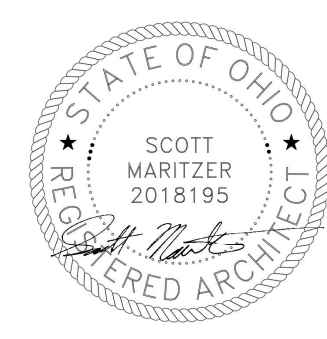
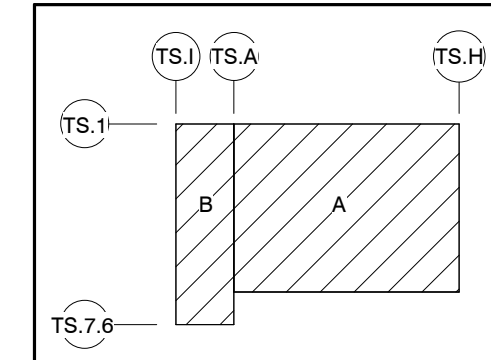


**4 EXTERIOR ELEVATION - WEST**  
AR01-0003 1/8" = 1'-0"

| WALL MATERIALS |                                                                                                                                                                                        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (R01)          | NEW METAL WALL PANELS - TO MATCH EXISTING METAL WALL PANEL PROFILE AND WIDTH, TO BE PAINTED WITH VALSPAR METAL PANEL BUILDING SIDING AND ROOF FINISH PAINT, COLOR: SAFARI BROWN 6009-1 |
| (R02)          | EXISTING METAL WALL PANELS TO REMAIN, TO BE PAINTED WITH VALSPAR METAL PANEL BUILDING SIDING AND ROOF FINISH PAINT, COLOR: SAFARI BROWN 6009-1                                         |

| ELEVATION LEGEND |                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------|
| SYMBOL           | DESCRIPTION                                                                                                                    |
| (R01)            | WALL MATERIAL MARKER - SEE WALL MATERIAL LEGEND ON THIS SHEET, AND WALL SCHEDULE ON SHEET AR01-0008 FOR ADDITIONAL INFORMATION |
| (100.4)          | DOOR MARKER - SEE DOOR SCHEDULE ON SHEET AR01-0008                                                                             |

**NOTE:**  
1. SEE SHEET AR01-0001 FOR ARCHITECTURAL SYMBOLS AND MATERIALS LEGENDS



| REVISION RECORD |             |                         |
|-----------------|-------------|-------------------------|
| NO.             | DATE        | DESCRIPTION             |
| 0               | 03 MAR 2025 | ISSUED FOR CONSTRUCTION |
| 1               | 05 APR 2025 | ADDENDUM #1             |

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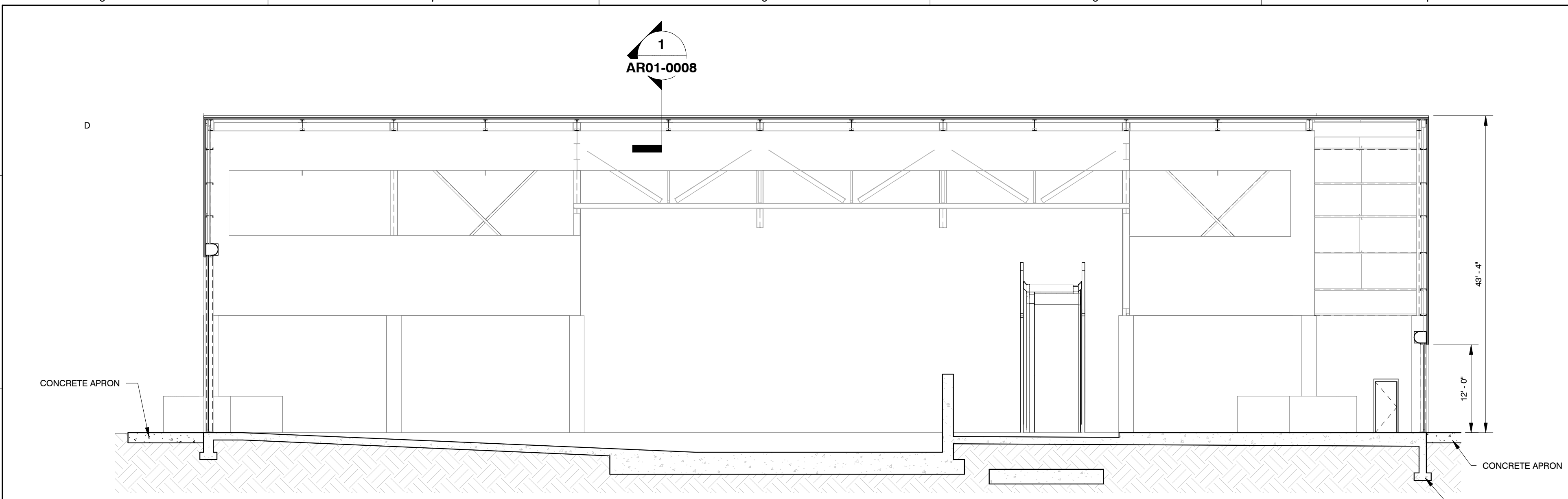
**SOLID WASTE AUTHORITY  
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MORSE ROAD TRANSFER STATION  
4260 MORSE ROAD  
CITY OF COLUMBUS, OHIO 43230**

**ARCHITECTURAL  
EXTERIOR ELEVATIONS**

DATE: JAN 2022 DRAWN BY: B. KEECH  
DWG SCALE: AS SHOWN CHECKED BY: S. MARITZER  
PROJECT NO: 313-408  
APPROVED BY: R. SUSALLA

DRAWING NO: **AR01-0006**  
SHEET 39 OF 88

C:\Users\jbrech\Documents\313-408\_Architectural\_Central\_OHIO\_attached\_files\attached\_files\AR01-0003.rvt



**SECTION 6**  
AR01-0003 3/32" = 1'-0"

**DOOR HARDWARE SETS**

A. HARDWARE SETS REPRESENT THE DESIGN INTENT AND DIRECTION OF THE OWNER AND ARCHITECT. THEY ARE A GUIDELINE ONLY AND SHOULD NOT BE CONSIDERED A DETAILED HARDWARE SCHEDULE. DISCREPANCIES, CONFLICTING HARDWARE AND MISSING ITEMS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT WITH CORRECTIONS MADE PRIOR TO THE BIDDING PROCESS. OMITTED ITEMS NOT INCLUDED IN A HARDWARE SET SHOULD BE SCHEDULED WITH THE APPROPRIATE ADDITIONAL HARDWARE REQUIRED FOR PROPER APPLICATION AND FUNCTIONALITY.

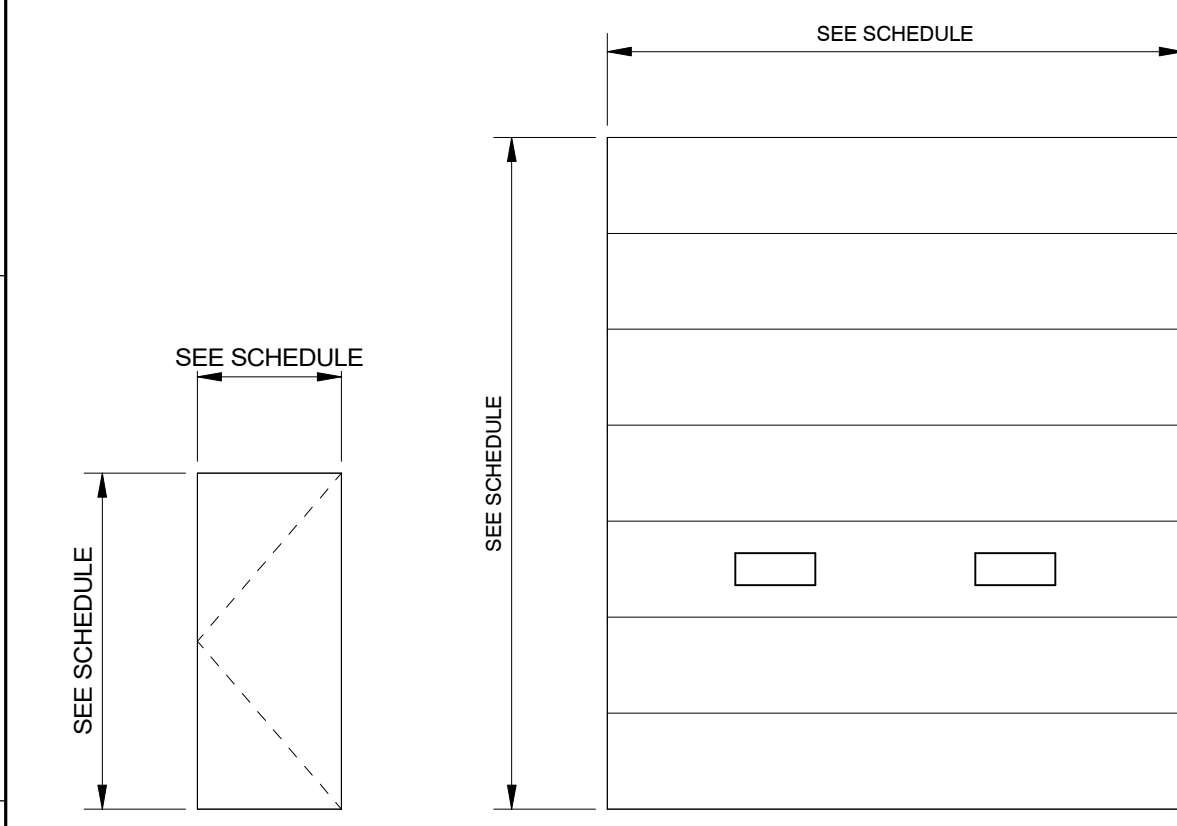
B. MANUFACTURER'S ABBREVIATIONS:

- 1. MK - MCKINNEY
- 2. RO - ROCKWOOD
- 3. AW - ARROW LOCK
- 4. HS - HES
- 5. RF - RIXSON
- 6. NO - NORTON
- 7. PE - PEMKO
- 8. SU - SECURITRON

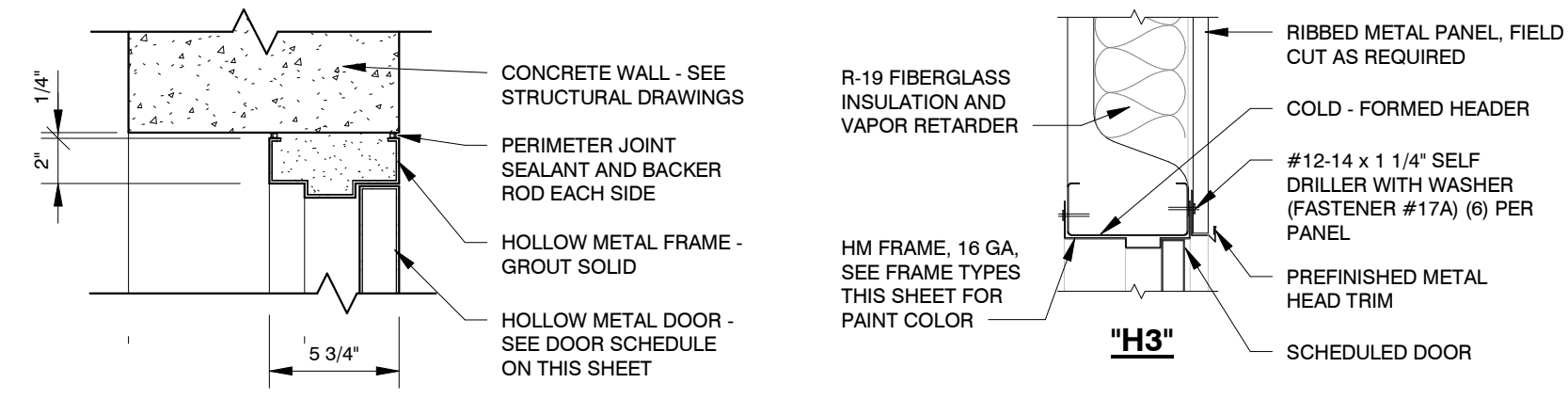
**SET 1.0**

- 1 HINGE (HEAVY WEIGHT) - 449389-X-NPR - 1/2" X 4-1/2" US32DMK
- 1 EXIT DEVICE 9300A 630 DM
- 1 TRIM YR08R 630 DM
- 1 RIM CYLINDER 80R 630 DM
- 1 LOCK CYLINDER 820R 630 DM
- 1 KICK PLATE K 1050 8" 4BUS32D-RO
- 1 THRESHOLD 2005AT MSES25SS (2006AT AT DR 124.2)-PE
- 1 RAIN GUARD 3 48CPE
- 1 GASKETING S773BLPE
- 1 SWEEP 3452CNBPE

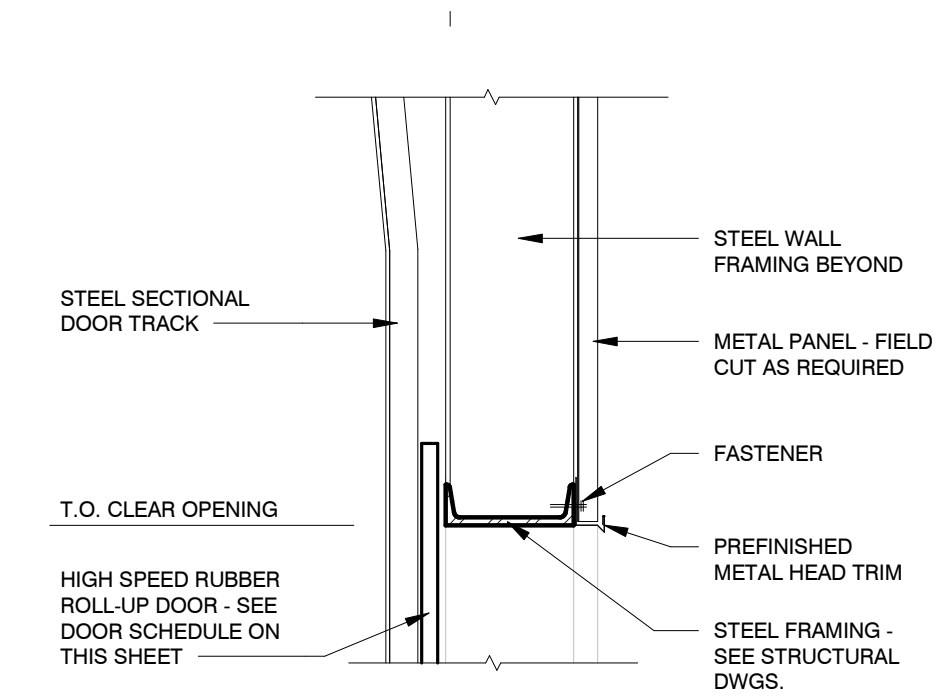
NOTES: DOORS NORMALLY CLOSED AND SECURE. EGRESS ALWAYS FREE FOR IMMEDIATE EXIT.



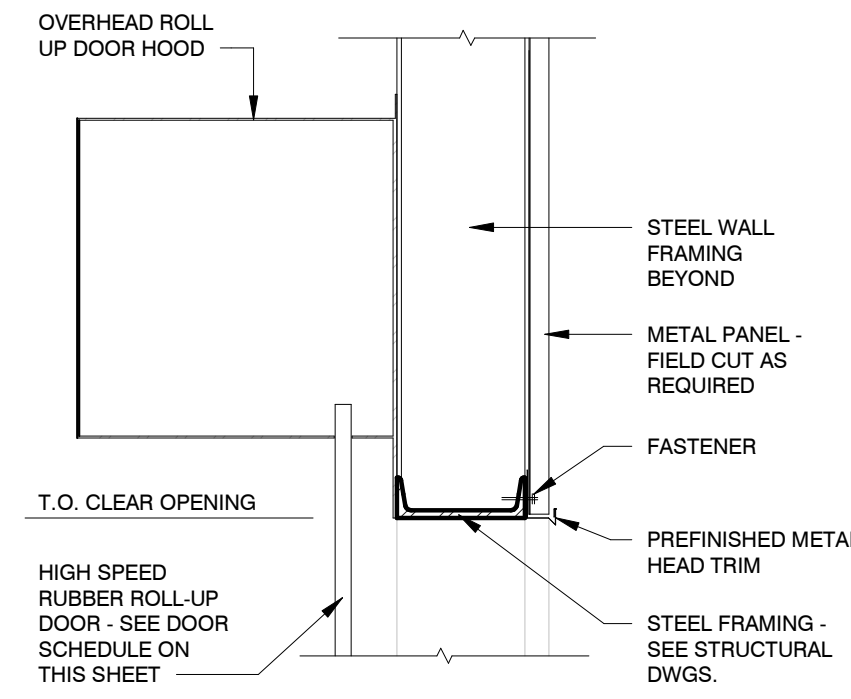
**DOOR TYPES**  
NTS



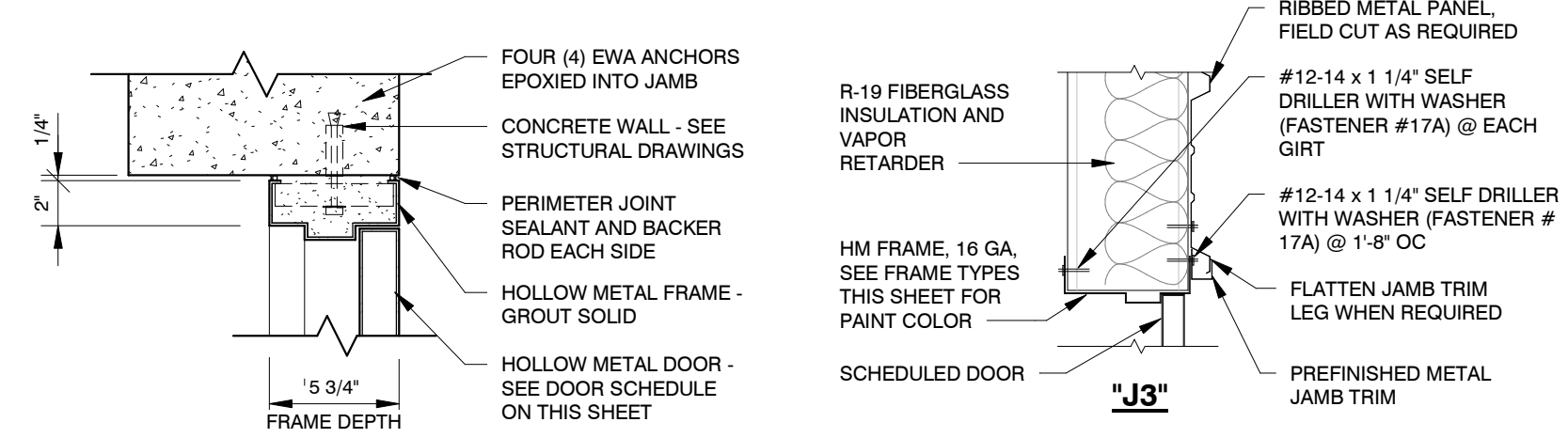
**HEAD DETAILS**  
1" = 1'-0"



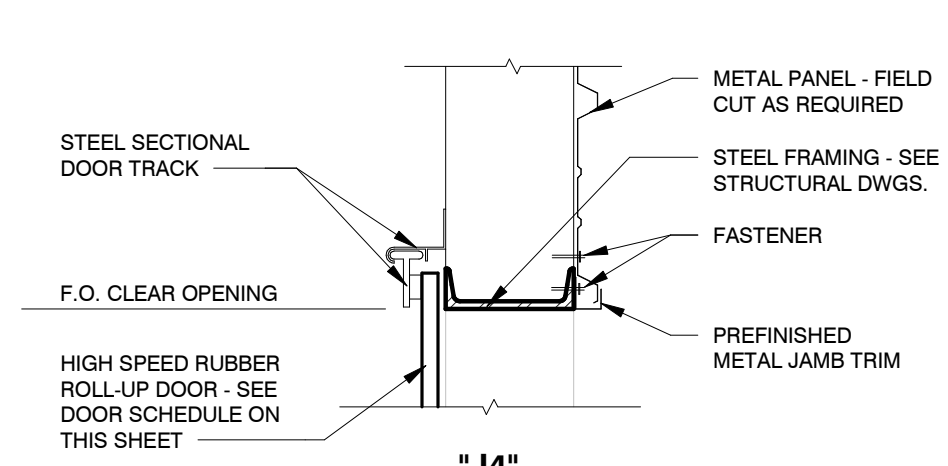
**"H4"**  
HIGH SPEED RUBBER ROLL-UP DOOR



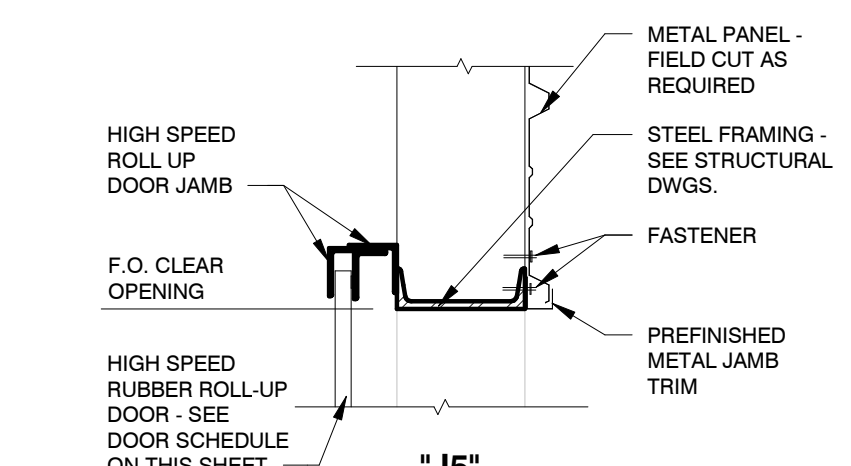
**"H5"**  
HIGH SPEED RUBBER ROLL-UP DOOR



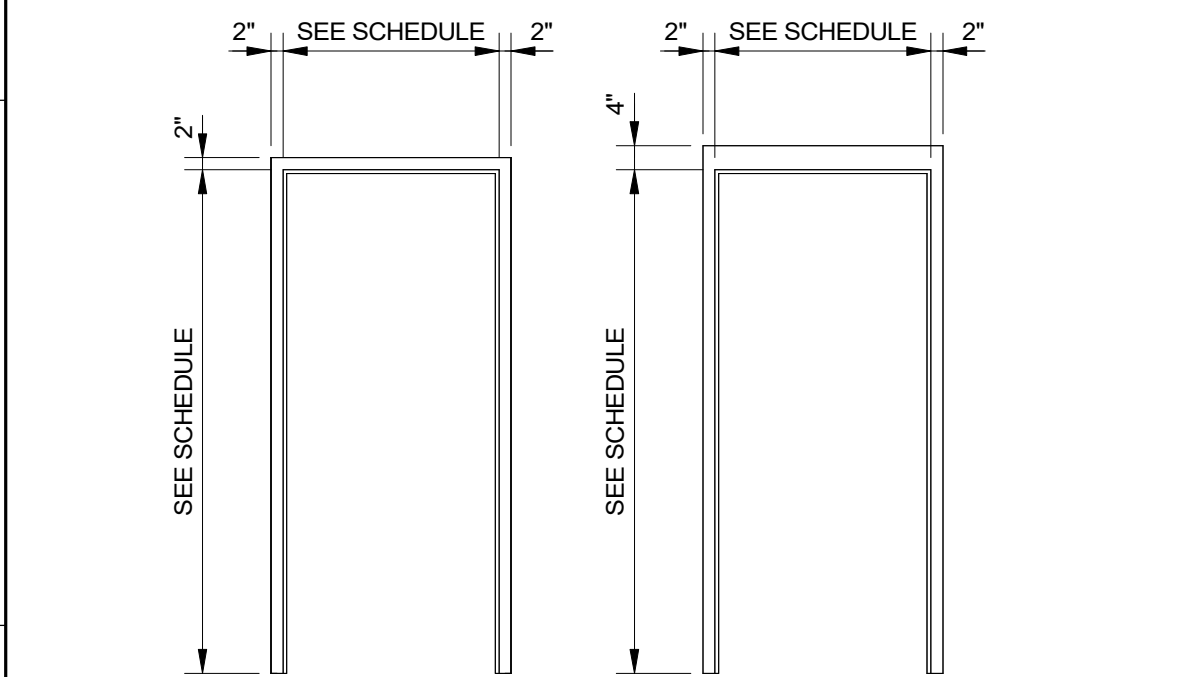
**JAMB DETAILS**  
1" = 1'-0"



**"J4"**  
HIGH SPEED RUBBER ROLL-UP DOOR



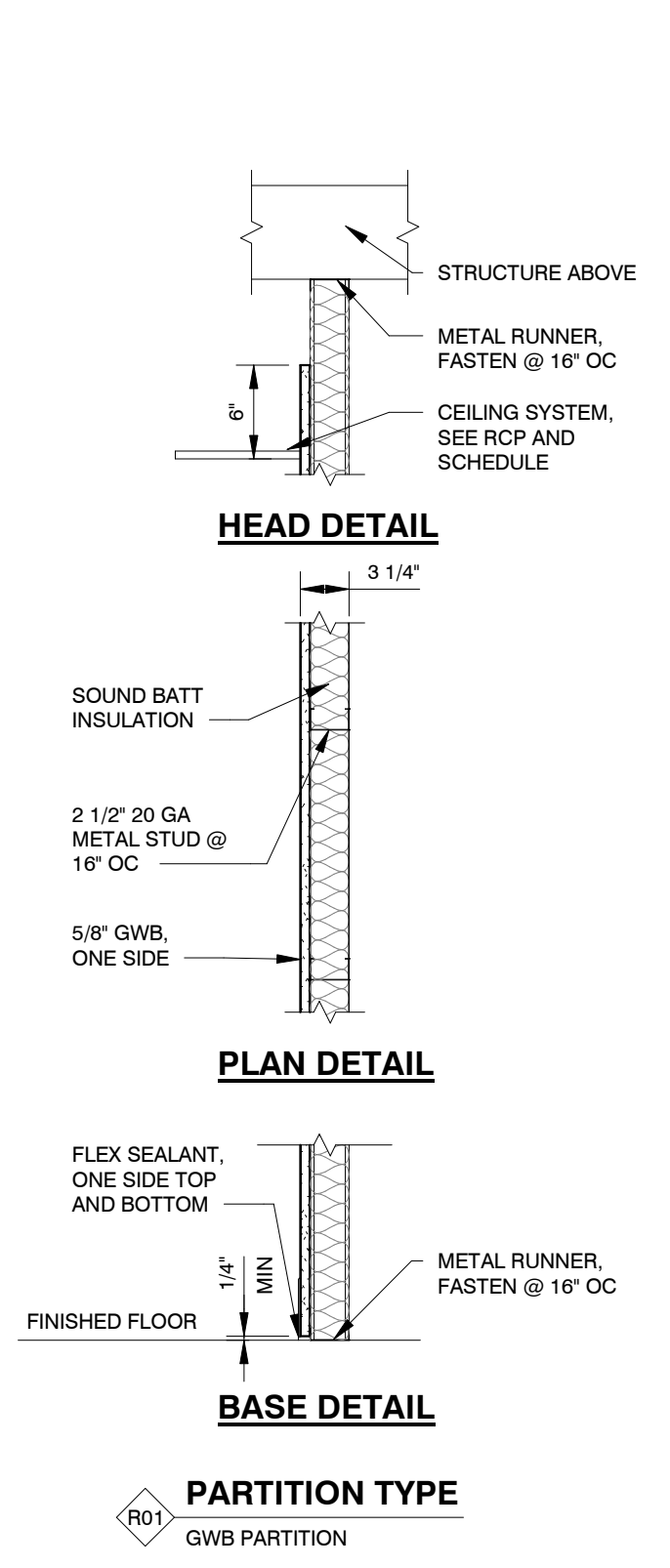
**"J5"**  
HIGH SPEED RUBBER ROLL-UP DOOR



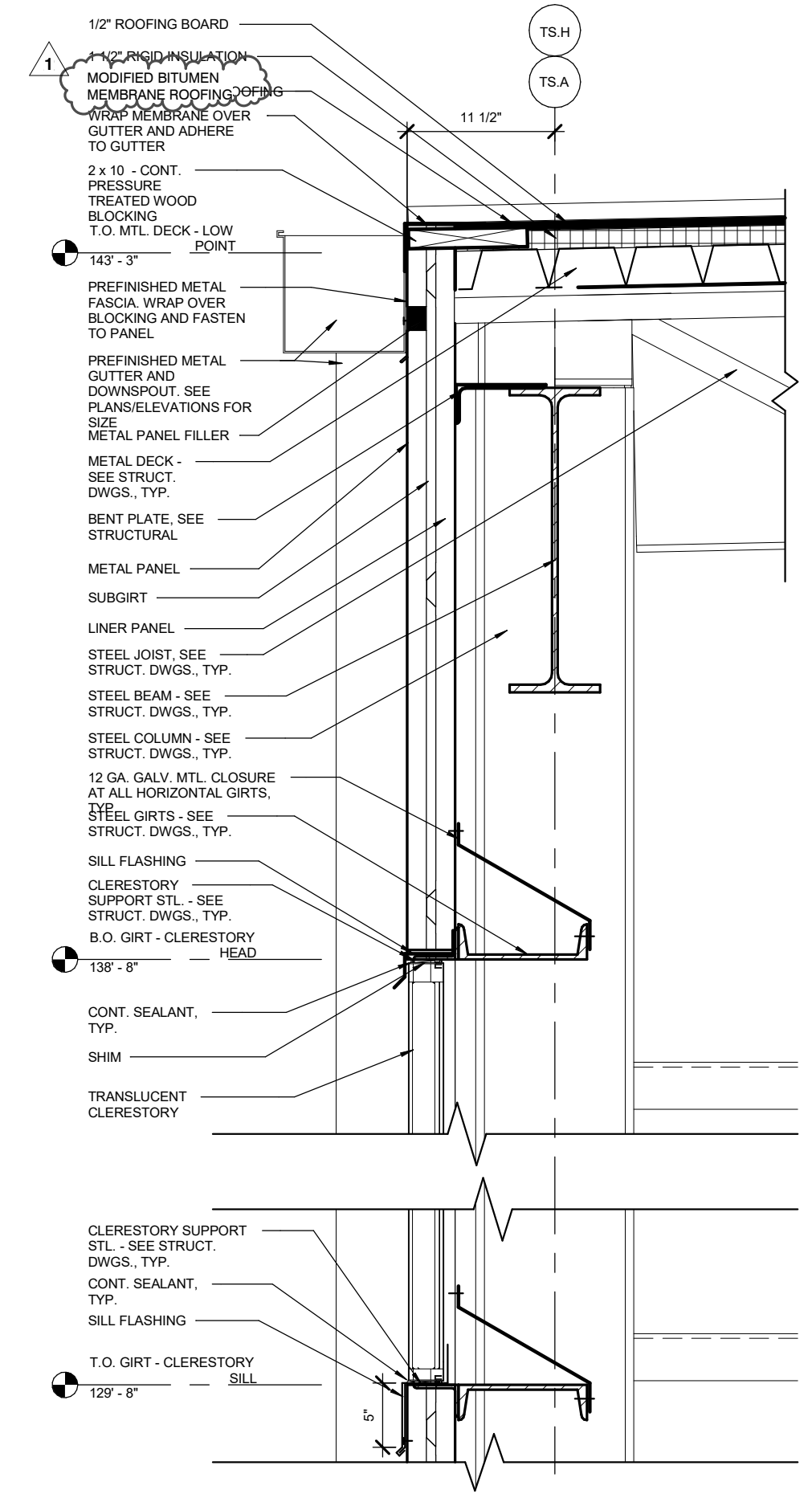
**FRAME TYPES**  
NTS

**DOOR SCHEDULE**

| DOOR NUMBER | WIDTH  | HEIGHT | THICKNESS | DOOR |          | FRAME  |      | HEAD DETAIL | JAMB DETAIL | SILL DETAIL | HARDWARE SET | COMMENTS                       |
|-------------|--------|--------|-----------|------|----------|--------|------|-------------|-------------|-------------|--------------|--------------------------------|
|             |        |        |           | TYPE | MATERIAL | FINISH | TYPE |             |             |             |              |                                |
| 100.1       | 30'-0" | 24'-0" | 2"        | F    | HM       | PT     | -    | H5          | J5          | -           | -            | HIGH SPEED RUBBER ROLL-UP DOOR |
| 100.2       | 3'-0"  | 7'-0"  | 1 3/4"    | A    | HM       | PT     | F2   | H2          | J2          | -           | SET #1       |                                |
| 100.3       | 3'-0"  | 7'-0"  | 1 3/4"    | A    | HM       | PT     | F1   | H3          | J3          | -           | SET #1       |                                |
| 100.4       | 12'-0" | 12'-0" | 2"        | F    | HM       | PT     | -    | H5          | J5          | -           | -            | HIGH SPEED RUBBER ROLL-UP DOOR |
| 100.6       | 3'-0"  | 7'-0"  | 1 3/4"    | A    | HM       | PT     | F2   | H2          | J2          | -           | SET #1       |                                |

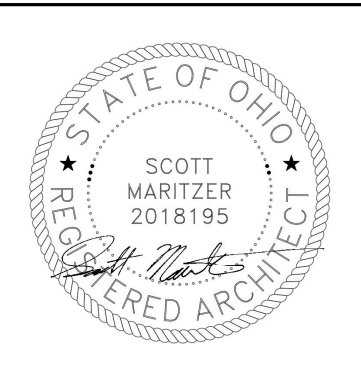
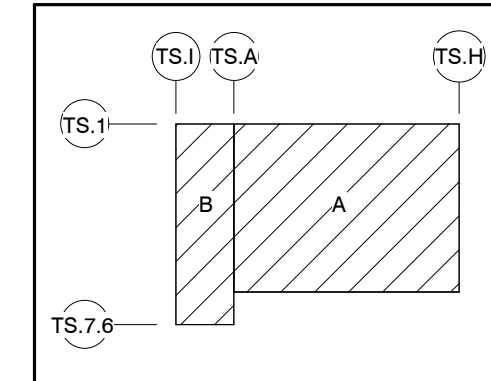


**PARTITION TYPES**  
1" = 1'-0"



**ROOF EDGE DETAIL**  
1" = 1'-0"

**SOFFIT DETAIL**  
1" = 1'-0"



**REVISION RECORD**

| NO | DATE        | DESCRIPTION             |
|----|-------------|-------------------------|
| 0  | 16 MAR 2025 | ISSUED FOR CONSTRUCTION |
| 1  | 13 APR 2025 | ADDENDUM #1             |
| 2  | 16 APR 2025 | ADDENDUM #4             |

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**MORSE ROAD TRANSFER STATION**  
4260 MORSE ROAD  
CITY OF COLUMBUS, OHIO 43230

**ARCHITECTURAL BUILDING SECTIONS, DETAILS, AND DOOR SCHEDULE**

DATE: JAN 2022 DRAWN BY: B. KEECH  
DWG SCALE: AS SHOWN CHECKED BY: S. MARITZER  
PROJECT NO: 313-408  
APPROVED BY: R. SUSALLA

DRAWING NO: **AR01-0007**  
SHEET 40 OF 88

| WALL SCHEDULE |                             |             |                |         |         |              |                                                                                                                                            |
|---------------|-----------------------------|-------------|----------------|---------|---------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| WALL TYPE     | DESCRIPTION                 | FIRE RATING | LENGTH         | WIDTH   | AREA    | HEIGHT       | COMMENTS                                                                                                                                   |
| R01           | NEW METAL WALL PANEL        | -           | 41' - 5 3/4"   | 3 3/4"  | 1528 SF | 40' - 0"     | NEW METAL PANEL - TO MATCH EXISTING METAL WALL PANEL PROFILE AND WIDTH - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006 |
| R01           | NEW METAL WALL PANEL        | -           | 166' - 11 3/4" | 3 3/4"  | 3107 SF | 24' - 0"     | NEW METAL PANEL - TO MATCH EXISTING METAL WALL PANEL PROFILE AND WIDTH - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006 |
| R01           | NEW METAL WALL PANEL        | -           | 41' - 7 5/8"   | 3 3/4"  | 961 SF  | 40' - 0"     | NEW METAL PANEL - TO MATCH EXISTING METAL WALL PANEL PROFILE AND WIDTH - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006 |
| R01           | NEW METAL WALL PANEL        | -           | 50' - 5 7/8"   | 3 3/4"  | 848 SF  | 25' - 3"     | NEW METAL PANEL - TO MATCH EXISTING METAL WALL PANEL PROFILE AND WIDTH - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006 |
| R01           | NEW METAL WALL PANEL        | -           | 25' - 0 7/8"   | 3 3/4"  | 439 SF  | 25' - 3"     | NEW METAL PANEL - TO MATCH EXISTING METAL WALL PANEL PROFILE AND WIDTH - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006 |
| R01           | NEW METAL WALL PANEL        | -           | 1' - 3 5/8"    | 3 3/4"  | 29 SF   | 25' - 3 1/2" | NEW METAL PANEL - TO MATCH EXISTING METAL WALL PANEL PROFILE AND WIDTH - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006 |
| R01           | NEW METAL WALL PANEL        | -           | 15' - 4"       | 3 3/4"  | 415 SF  | 40' - 0"     | NEW METAL PANEL - TO MATCH EXISTING METAL WALL PANEL PROFILE AND WIDTH - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006 |
| R01           | NEW METAL WALL PANEL        | -           | 75' - 5 7/8"   | 3 3/4"  | 408 SF  | 13' - 3"     | NEW METAL PANEL - TO MATCH EXISTING METAL WALL PANEL PROFILE AND WIDTH - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006 |
| R02           | METAL WALL PANEL - EXISTING | -           | 174' - 2 1/8"  | 3 3/4"  | 4452 SF | 40' - 0"     | EXISTING - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006                                                               |
| R02           | METAL WALL PANEL - EXISTING | -           | 151' - 7 3/4"  | 3 3/4"  | 2791 SF | 24' - 0"     | EXISTING - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006                                                               |
| R02           | METAL WALL PANEL - EXISTING | -           | 174' - 4"      | 3 3/4"  | 3573 SF | 24' - 0"     | EXISTING - PAINT PANELS PER 'WALL MATERIALS' ON SHEETS AR01-0005 & AR01-0006                                                               |
| S05           | 12" CONCRETE                | -           | 23' - 0"       | 1' - 0" | 469 SF  | 21' - 0"     |                                                                                                                                            |
| S05           | 12" CONCRETE                | -           | 13' - 0"       | 1' - 0" | 218 SF  | 18' - 8"     |                                                                                                                                            |

Grand total: 13

| ROOF SCHEDULE |                                |         |                                                              |
|---------------|--------------------------------|---------|--------------------------------------------------------------|
| COUNT         | DESCRIPTION                    | AREA    | COMMENTS                                                     |
| 1             | EPDM ROOF OVER 1/2" COVERBOARD | 6992 SF | EPDM ROOF OVER 1/2" ROOFING BOARD OVER 1.5" RIGID INSULATION |

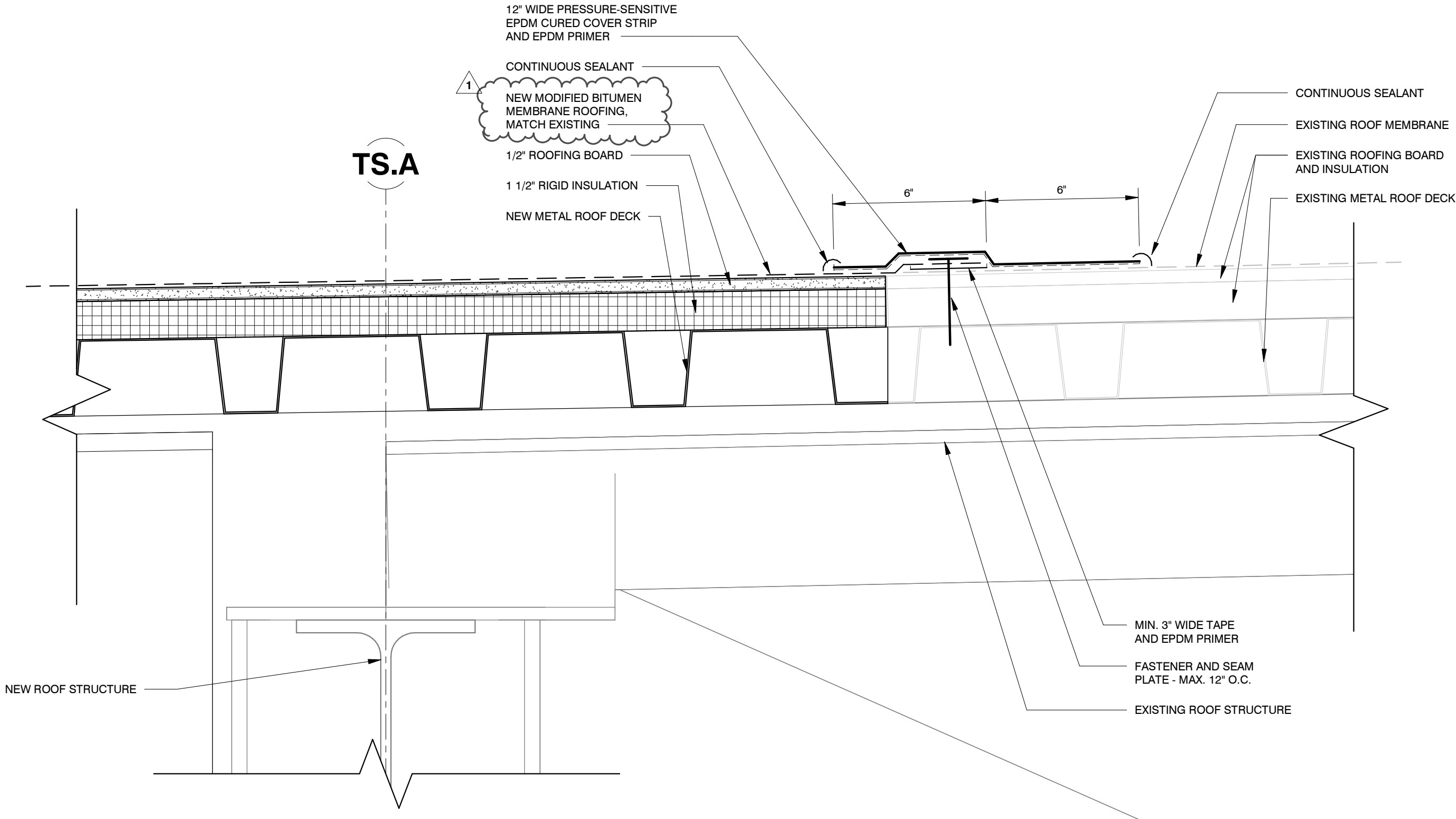
| GUTTER SCHEDULE |                  |               |          |
|-----------------|------------------|---------------|----------|
| COUNT           | DESCRIPTION      | LENGTH        | COMMENTS |
| 1               | 10" X 12" GUTTER | 167' - 3 1/2" |          |

| DOWNSPOUTS |                        |        |                |
|------------|------------------------|--------|----------------|
| COUNT      | DESCRIPTION            | LENGTH | COMMENTS       |
| 1          | 6" ROUND DIAMETER D.S. | 43'    | MATCH EXISTING |
| 1          | 6" ROUND DIAMETER D.S. | 43'    | MATCH EXISTING |
| 1          | 6" ROUND DIAMETER D.S. | 43'    | MATCH EXISTING |
| 1          | 6" ROUND DIAMETER D.S. | 43'    | MATCH EXISTING |
| 1          | 6" ROUND DIAMETER D.S. | 43'    | MATCH EXISTING |
| 1          | 6" ROUND DIAMETER D.S. | 43'    | MATCH EXISTING |
| 1          | 6" ROUND DIAMETER D.S. | 43'    | MATCH EXISTING |

Grand total: 7

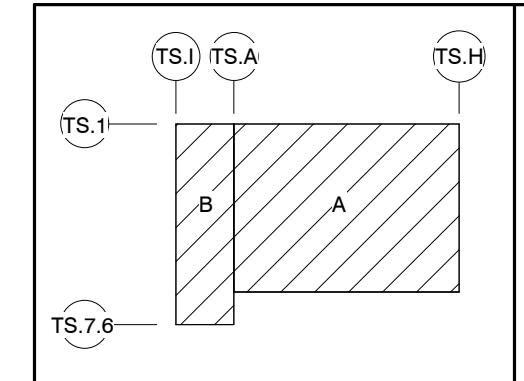
| WINDOW SCHEDULE |      |             |                                                                       |
|-----------------|------|-------------|-----------------------------------------------------------------------|
| COUNT           | MARK | SILL HEIGHT | COMMENTS                                                              |
| 1               | W1   | 26' - 10"   | SALVAGE EXISTING TRANSLUCENT PANEL AND REINSTALL AT NEW EXTERIOR WALL |

**NOTE:**  
CONTRACTOR TO VERIFY ALL QUANTITIES PER THE DOCUMENTS, SPECIFICATIONS AND EXISTING CONDITIONS. INFORMATION IN SCHEDULES ABOVE IS NOT TO BE USED IN LIEU OF CONTRACTOR TAKE OFFS.



- NOTES:**
- CONTACT MANUFACTURER OF EXISTING MEMBRANE ROOFING SYSTEM TO VERIFY ACCEPTANCE OF TIE-IN AND NOT VOID EXISTING WARRANTY.
  - PRIOR TO SPLICING, CLEAN EXISTING MEMBRANE BY SCRUBBING THE SPLICE AREA WITH WEATHERED MEMBRANE CLEANER AND ALLOW TO DRY.
  - ON MECHANICALLY-FASTENED SYSTEMS, HP FASTENERS AND POLYMER SEAM PLATES ARE REQUIRED OVER STEEL DECKS.
  - IF FLUTES ARE PERPENDICULAR TO THE TIE-IN, DRILLSA 3/8" DIAMETER WEEP HOLE INTO THE BOTTOM FLUTES OF THE STEEL DECK ALONG THE PERIMETER OF THE TIE IN 6" MINIMUM TO 12" MAXIMUM FROM THE SEAM FASTENING PLATE.

**1 ENLARGED DETAIL**  
3" = 1'-0"



| REVISION RECORD |                         |
|-----------------|-------------------------|
| NO.             | DESCRIPTION             |
| 0               | ISSUED FOR CONSTRUCTION |
| 1               | ADDENDUM #1             |

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**SOLID WASTE AUTHORITY  
OF CENTRAL OHIO  
MORSE ROAD TRANSFER STATION  
4260 MORSE ROAD  
CITY OF COLUMBUS, OHIO 43230**

**ARCHITECTURAL  
BUILDING SCHEDULES AND DETAILS**

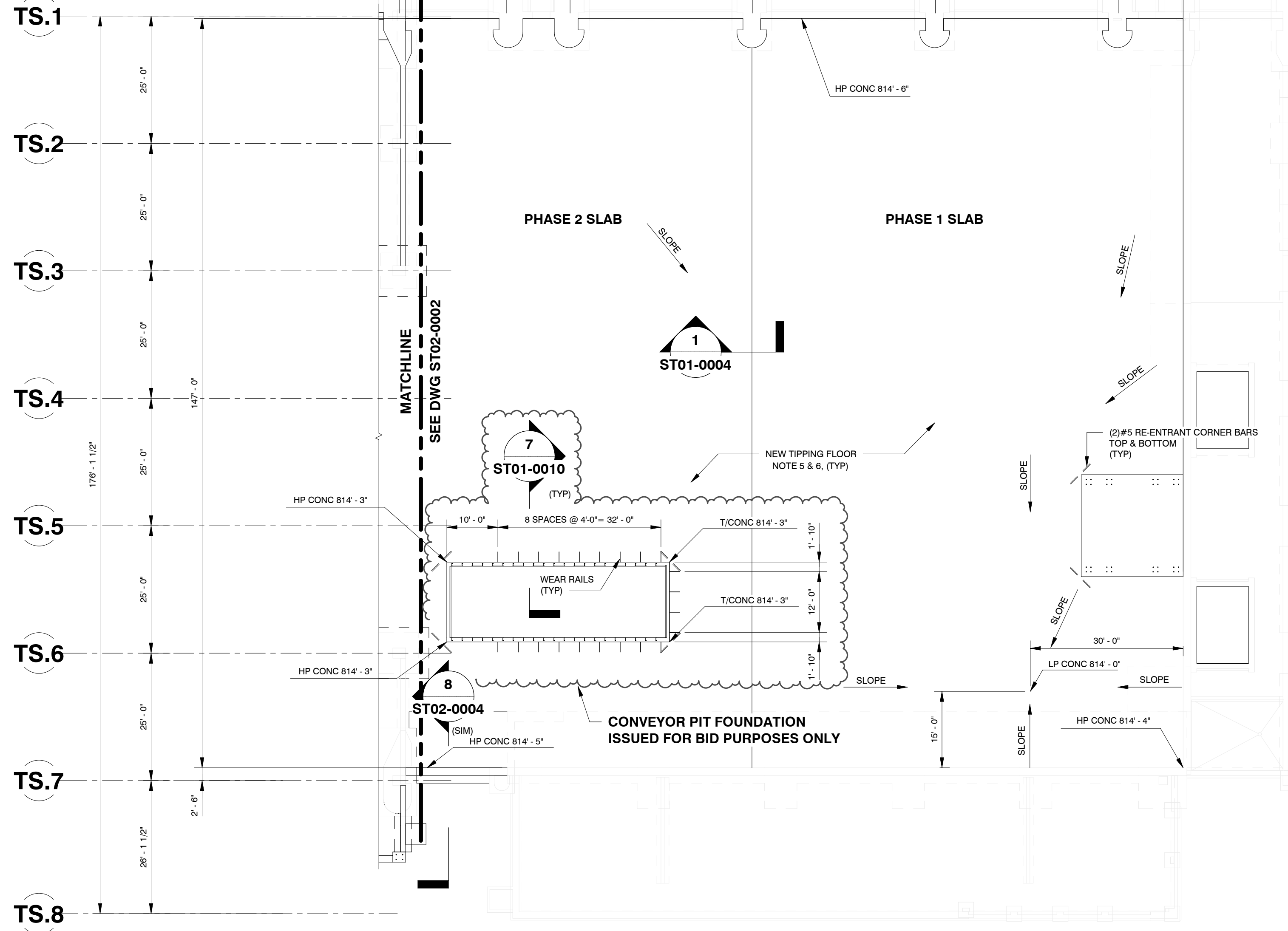
DATE: JAN 2022 DRAWN BY: B. KEECH  
DWG SCALE: 3" = 1'-0" CHECKED BY: S. MARITZER  
PROJECT NO: 313-408  
APPROVED BY: R. SUSALLA

DRAWING NO: **AR01-0008**  
SHEET 41 OF 88

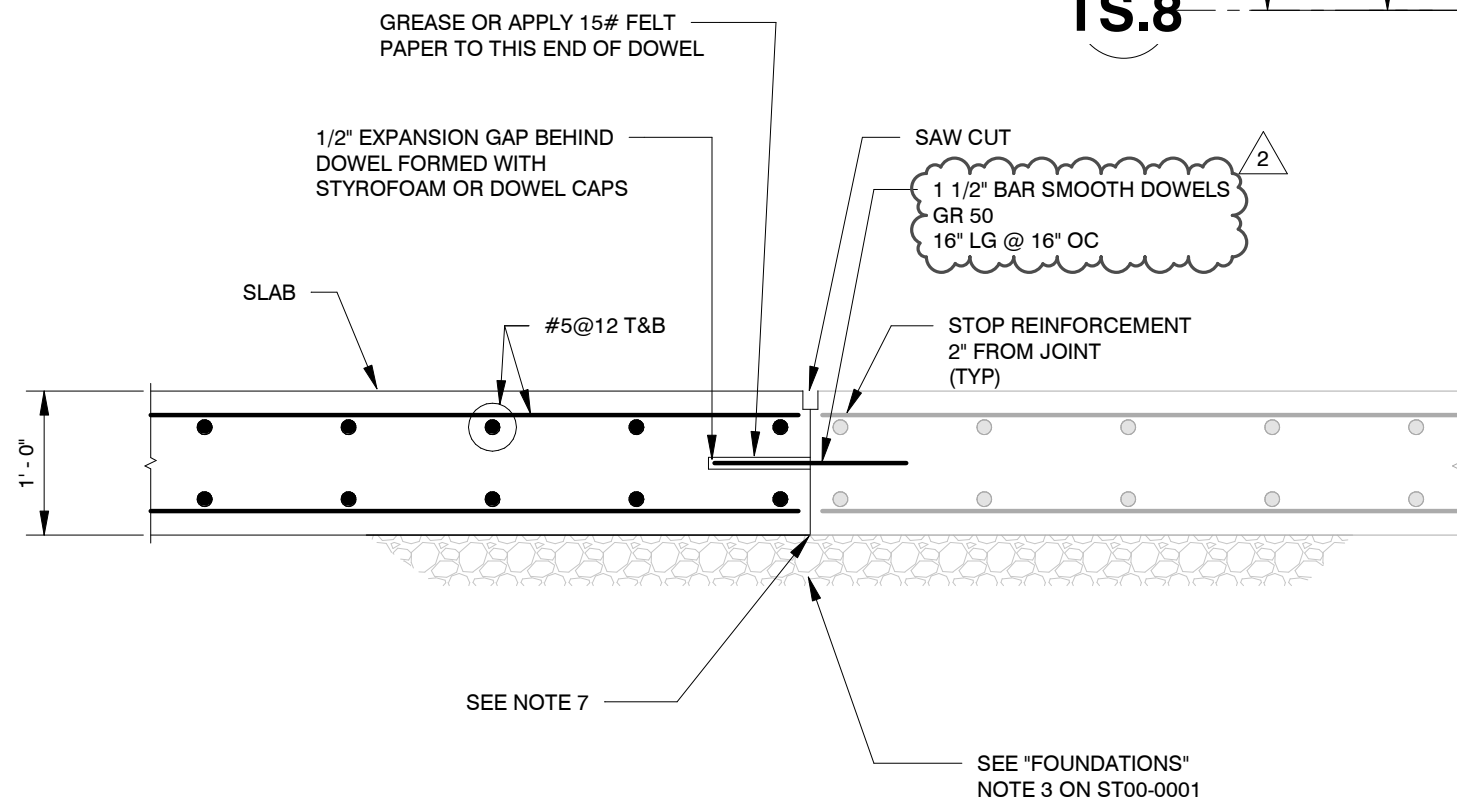
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TS.A TS.A.8 TS.B.2 TS.C.6 TS.E.2 TS.F.8 TS.G.2 TS.H

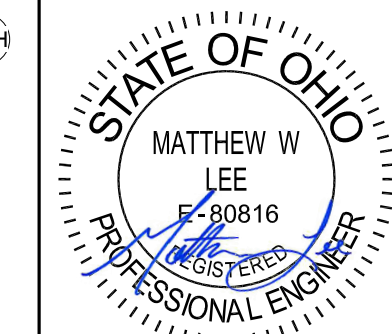
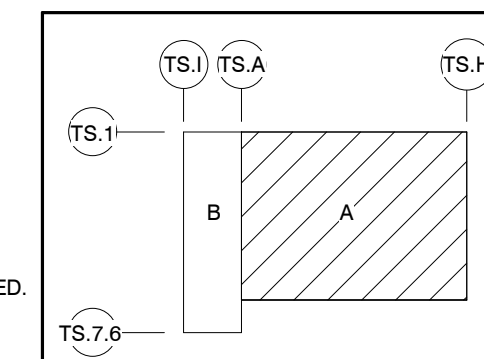


PLAN  
1/16" = 1'-0"



1 SECTION  
ST01-0004 3/4" = 1'-0"

- NOTES:**
- FOR GENERAL NOTES SEE DWG ST00-0001 AND ST00-0002.
  - FOR TYPICAL DETAILS SEE DWG ST00-0003 THRU ST00-0005.
  - FOR ANCHOR ROD AND BASE PLATE DETAILS SEE DWG ST00-0008 AND ST00-0009.
  - FOR FOUNDATION SECTIONS AND DETAILS SEE ST01-0004.
  - SLAB ON-GRADE TO BE 12" THICK WITH #4 @ 12" OC T&S, EACH WAY.
  - FINISH CONCRETE SLAB WITH EUCLID CHEMICAL EUCCO DIAMOND HARD SEALER OR APPROVED EQUIVALENT.
  - SEE DETAIL 1/ST01-0004 FOR TYPICAL GUIDELINE OF SLAB CONSTRUCTION JOINT AS REQUIRED.



| REVISION RECORD |             |                           |
|-----------------|-------------|---------------------------|
| NO              | DATE        | DESCRIPTION               |
| 0               | 03 MAR 2025 | ISSUED FOR CONSTRUCTION   |
| 1               | 02 APR 2025 | ADDED REFERENCE TO NOTE 7 |
| 2               | 06 APR 2025 | CHANGED DOWEL SIZE        |

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 614-540-6633 • 888-595-6808  
 www.ccecinc.com

**SOLID WASTE AUTHORITY  
 OF CENTRAL OHIO**  
**MORSE ROAD TRANSFER STATION**  
 4260 MORSE ROAD  
 CITY OF COLUMBUS, OHIO 43230

**STRUCTURAL  
 SECTOR A  
 SLAB PLAN**

DATE: JAN 2022 DRAWN BY: B. BEHANNAN  
 DWG SCALE: AS SHOWN CHECKED BY: M. LEE  
 PROJECT NO: 313-408  
 APPROVED BY: R. SUSALLA

DRAWING NO.: **ST01-0004**  
 SHEET 57 OF 88