



**STAR CONSULTANTS, INC**

ARCHITECTS & ENGINEERS  
design | strategy | vision

**PROJECT NAME:: FACD08 RESTROOMS AT PREBLE TRUCK PARKING**  
**PROJECT No.: DOT-250005**

**ADDENDUM NUMBER ONE (1)**

February 27, 2026

ADDENDUM TO PLANS and SPECIFICATIONS FOR:

PROJECT: **DOT-250005**

FACD08 Restrooms at Preble Truck Parking  
Ohio Department of Transportation (ODOT)  
I-70 WB @ MM 01, New Paris, Ohio 45347  
Preble County

Prepared by:

Star Consultants, Inc.

1910 Crown Park Ct., Columbus, Ohio 43235

(614) 538-8445 Fax (614) 538-8446

This Addendum is included in the work as noted in the Notice to Bidders and Form of Proposal. Each item refers to drawing sheet numbers or specification page numbers, or general comments.

The following supplements Clarify, Add To, Delete From, or Change the requirements of the previously issued specifications, drawings, and addendums.

To All Bidders: This addendum supplements and amends the original bid documents and shall be taken into account in preparing proposals and shall become a part of the contract documents. Bidders shall update their Bidding Documents with the information contained in this Addendum. Where new Drawings are enclosed with this Addendum, discard the old Drawing and insert the new. Where Supplemental Drawings are enclosed with this Addendum, attach the Supplemental Drawing to the documents as noted. Where only written modifications are given, copy the information onto the appropriate Documents and note the Addendum number.

**GENERAL**

1. N/A

**PROCUREMENT AND CONTRACTING REQUIREMENTS GROUP (FRONT END)**

**PR-01** N/A

**SPECIFICATIONS MANUAL GROUP**

**SM-01** Section 00 3132 is revised.

**SM-02** Section 01 6800 titled "Build America Buy America" is revised and reissued

**SM-03** Section 09 3000 titled "Tiling" is revised and reissued.

**SM-04** Section 10 2113.19 titled "Plastic Toilet Compartments" is revised and reissued.

## DOCUMENTS GROUP

D-01. C.116 Flag pole detail was revised

D-02. C.117 Lift station Inside Diameter was revised

D-03. A.300, A.302, A.501, A.600, A.601 Verbiage and detailing were added for walk off mat installation.

D-04. A.601 Wall tile WT-3 was revised to match WT-1

D-05. A.102, M.101 & M.102 Revised Mechanical Room ductwork to provide three independent supply, return, and outside air systems (via ERU-1 plenum) for new A2L refrigerant furnaces, per manufacturer requirements; linear diffusers replaced with supply registers and exhaust grilles, with coordination updates.

D-06. M.501 Revised airflow schematic

D-07. M.601 Revised air device schedule

D-08. P.102, P.103 & P.501 Added 1" domestic cold-water branch with gate valve downstream of treated water system to serve Lift Station; drawings updated accordingly.

## RESPONSES TO RFI's

**RFI-1.** There is a specification provided for Plants, but no plants are shown on the drawings. Please clarify.?

- . **Response:** Please refer to general notes on sheet C.100

**RFI-2.** What is the height of the flagpole? The Specification says it is 60 ft, but the Drawing says that it is 40 ft?

- . **Response:** The flagpole should be 60' tall., see C.116 Flag pole detail

**RFI-3.** How many flags are needed? Three flags on one pole will void the warranty?

- . **Response:** 3-flags are needed. None of the manufacturers listed has expressed an issue with 3 flags on one pole, and concord American specifically states "flagpoles typically can fly one (1) to three (3) flags.

**RFI-4.** What type of light is required for the flagpole?

- . **Response:** Site lighting is by others, under a separate contract, as part of a separate project..

**RFI-5.** The butt diameter listed in the specifications is 10". However, if the flagpole is 60 ft high, the butt diameter would need to be 12". Please clarify?

- . **Response:** See revised C.116 Flag pole detail

**RFI-6.** Will drawings be provided for panel signage and vinyl signage?

- . **Response:** There is only restroom signage and room signs planned.

**RFI-7.** Please provide details for WT-3 custom water jet tiles?

- . **Response:** WT-3 is now just WT-1. The letters have been removed from the scope.

**RFI-8.** Are the toilet partitions to be solid plastic or phenolic? The specification name and contents conflict.

- . **Response:** they should be solid plastic ( HDPE ), see Section 10 2113.19

**RFI-9.** I wanted to confirm the wet well depth before putting my proposal together. The drawing shows 36" dia and the specifications describe a min. 5'-0" or (60") dia. wet well. Please confirm the wet well and dia.

- . **Response:** it is 5'-0" in dia

**RFI-10.** Is owner paying for the building permit?

- . **Response:** The building permit has been paid for. Trade permits will be the responsibility of the trade.

**RFI-11.** Is the owner paying for any tapping fees?

- . **Response:** There are no tap fees expected with this project.

**RFI-12.** Is the owner to pay for all third-party testing?

- . **Response:** Star Consultants has an allowance for third party testing.

**RFI-13.** Are we able to leave any spoils onsite?

- . **Response:** No.

**RFI-14.** Do you have anymore information on A200/A201 note 13. Size, amount of letters, does these get electric run to them?

- . **Response:** No, no, no and no. We do not have any more information on the building address numbering.

**RFI-15.** Is there a structural detail showing the connections from the horizontal I beam at the overhang to the vertical HSS on the exterior columns.

- . **Response:** This detail will be provided in a future addendum.

**RFI-16.** Please confirm how many rows of snow guard there should be. A103 note 3 specifically states two rows. A301 detail 3 / 4 appears to show just one.

- . **Response:** PROVIDE 2 ROWS OF SNOW GUARDS AS NOTED ON A.103 ROOF PLAN

**RFI-17.** What equipment is the owner supply and installing? For instance, page A400 note VM on the plans.

- . **Response:** VENDING MACHINES ( VM ) ARE BY OTHERS, ALL OTHER EQUIPMENT IS GC SUPPLIED AND INSTALLED

**RFI-18.** Page A401 detail 6. Are these shelves by the GC? If so, is there anymore information on these.

- . **Response:** REFER TO SPECIFICATION SECTION 10 56 26 STATIONARY SHELVING

**RFI-19.** Please confirm for the downspouts boots, that these should be cast iron.

- . **Response:** YES, THE DOWNSPOUT BOOTS SHOULD BE CAST IRON

**RFI-20.** Confirming we need to put in steel studs below the trusses for the gyp board ceiling to attach to and the gyp board doesn't attach directly to the trusses. Page A301 is what I am referring to. If there is supposed to be framing for the gyp board, does there need to be batt insulation here as well?

- . **Response:** YOU COULD USE METAL FRAMING, OR SUSPENDED GRID TO HOLD THE DRYWALL CEILINGS. THERE DOES NOT NEED TO BE BATT INSULATION ABOVE, THE THERMAL INSULATION IS ABOVE THE ROOF DECK.

**RFI-21.** Spec section 05 5000 – Where is the stainless steel wall panels located at on the drawings?

**RFI-22.** **Response:** SEE MATERIAL ST-1 IN JANITORIAL ROOM 106 ON A.600, AND IN THE FINISH MATERIAL SCHEDULE ON A.601

**RFI-23.** We would like to get Peterson, Pac-Clad approved as a manufacturer for the standing seam

- . **Response:** PROVIDE PAC-CLAD SYSTEM NAME, CUT SHEET(S) AND ANY APPLICABLE DESIGN DOCUMENTS SHOWING COMPARABILITY TO THE SPECIFIED DIMENSIONAL METALS, INC. INTERLOCK IL2016 SMOOTH STANDING SEAM METAL ROOF.

## ATTACHMENTS

- 
- 01 6800 Build America Buy America
- 09 3000 – Tiling
- 10 2113.19 – Plastic Toilet Compartments
- C.116 – DETAILS
- C.117 – PROPOSED LIFT STATION DETAIL
- A.102 – REFLECTED CEILING PLAN
- A.300 – BUILDING SECTIONS
- A.301 – WALL SECTIONS
- A.302 – WALL SECTIONS
- A.400 – EQUIPMENT FLOOR PLAN
- A.401 – INTERIOR ELEVATIONS
- A.501 - INTERIOR DETAILS
- A.600 – FINISH PLAN AND SCHEDULE
- A.601 - SCHEDULES AND DETAILS
- M.101 – FIRST FLOOR MECHANICAL PLAN
- M.102 – MECHAICAL SECTION PLAN
- M.501 – MECHANICAL DETAILS

Addendum No-1

- M.601 – MECHANICAL SCHEDULES
- P.102 – UTILITIES PLUMBING PLAN
- P.103 – ENLARGED MECHANICAL ROOM PLUMBING PLAN
- P.501 – PLUMBING DETAILS

**END OF ADDENDUM (1)**

**FROM BELMONT REST AREA, DRAWING C.115**

DOCUMENT 00 31 32 - GEOTECHNICAL DATA

1.1 GEOTECHNICAL DATA

- A. This Document with its referenced attachments is part of the Procurement and Contracting Requirements for Project. They provide Owner's information for Bidders' convenience and are intended to supplement rather than serve in lieu of Bidders' own investigations. They are made available for Bidders' convenience and information. This Document and its attachments are not part of the Contract Documents.
- B. Because subsurface conditions indicated by the soil borings are a sampling in relation to the entire construction area, and for other reasons, the Owner, the Architect, the Architect's consultants, and the firm reporting the subsurface conditions do not warranty the conditions below the depths of the borings or that the strata logged from the borings are necessarily typical of the entire site. Any party using the information described in the soil borings and geotechnical report shall accept full responsibility for its use.
- C. Soil-boring data for Project, obtained by Geotechnical Consultants Inc, dated June 25, 2025, is available for viewing as appended to this Document.
- D. A geotechnical investigation report for Project, prepared by Geotechnical Consultants Inc, dated June 25, 2025, is available for viewing as appended to this Document.
  - 1. The opinions expressed in this report are those of a geotechnical engineer and represent interpretations of subsoil conditions, tests, and results of analyses conducted by a geotechnical engineer. Owner is not responsible for interpretations or conclusions drawn from the data.
  - 2. Any party using information described in the geotechnical report shall make additional test borings and conduct other exploratory operations that may be required to determine the character of subsurface materials that may be encountered.
- E. Related Requirements:
  - 1. Document 002113 "Instructions to Bidders" for the Bidder's responsibilities for examination of Project site and existing conditions.
  - 2. Document 003126 "Existing Hazardous Material Information" for hazardous materials reports that are made available to bidders.

END OF DOCUMENT 00 31 32

**FACD08 RESTROOMS AT PREBLE TRUCK PARKING**  
**Ohio Department of Transportation**  
**I-70 WB @ MM 01,**  
**NEW PARIS, OHIO 45347**  
**PREBLE COUNTY**

**Pre-Bid Meeting**  
**February 24, 2026 @ 10:00 AM**

**Pre-Bid Meeting Agenda**

**1. Introductions & Sign-In Sheet**

**2. Documents Required for Valid Bid pursuant to ORC 153.08, “General Contracting Delivery”**

▪ **Valid Bid Security**

- a. Contractor and Surety Name must be listed in first section of Security form.
- b. Ohio Department of Transportation. Address is:
- c. 1980 West Broad Street, Columbus, OH 43215
- d. Date form submitted to Owner must be before or on Bid Opening date
- e. Single contract (General Contract)
- f. Penal Sum must be blank or \$0.00 to be valid
- g. Signed and Sealed date must be on or before Bid opening
- h. Attorney in Fact must have permission to sign Security per POA
- i. Surety Agent Contact information must be provided in Surety information section

▪ **Valid Power of Attorney**

- a. Person who signed Bid Security must be listed as Attorney in Fact on POA
- b. Certification date of POA must be on or before bid opening date.

▪ **Valid Ohio Department of Insurance Certificate of Compliance**

- Check Expiration Date – Must not be expired.

**3. Documents Required for Contract once Bid Awarded (Within 3 days of Request in notice of intent to award per Solicitation to Bidders) *Encourage Bidder to submit with Bid as it will streamline Contract process.***

- a. Valid BWC Certificate
- b. Secretary of State Good Standing Certificate ( If out of state Contractor)
- c. Valid Drug Free Safety Workplace Certificate – Substance Program. If you have questions about an application, call BWC at 1-800-644-6292
- d. Valid Accord Form (Contractor’s Liability Insurance “Ohio Department of Transportation”

4. **Contract will be sent upon Notice of Intent to Award for Signature for Controlling Board Approval**
5. **Forms that must remain valid on file for duration of project through substantial completion date – Failure to have valid copies on file can delay pay application processing**
  - a. Valid BWC Certificate
  - b. Valid Accord Form (Contractor's Liability Insurance)
  - c. Sureties ODI Certificate of Compliance Insurance
6. This project is not standard ODOT let project, so it does not require vendors to be ODOT certified.
7. The Prime Contractors does not need to meet minimum goal of 30% self-perform work on site. There is no minimum goal for self-performing work.
8. Encourage the use of these vendors; however, this project does not have any goals associated with EDGE, DBE, SBE, or MBE.
9. Federal Prevailing wages are required on this project.
  - a. Prevailing wages at the beginning of the project are adhered to throughout the entire project duration and do not adjust like they do with State prevailing wages.
10. Retainage will be 0%
11. Prompt payment forms will be completed by the Primary Contractor and the Subcontractors and Suppliers along with each pay request application via the GoFormz website. This information will be provided to the Contractor at the time of the Notice to Proceed.
12. A Schedule of Values (SOV) template will be provided to the Contractor at the time of the Notice Proceed.
13. Project is governed by State General Conditions (General Contracting Project) and Supplemented by Document 00 73 00 – Supplementary Conditions:
14. Project Federally Funded
15. **Build America Buy America (BABA)**
16. **Project will be thru OAKSCI**
17. **Project: General Contract Delivery and Single Contract**
18. Summary of the work is in Specifications and includes but is not limited to the performance of all work as indicated in the Construction Documents
  - a. OHIO Department of Transportation will receive, open and publish bids for General Contracting through electronic means using the State's electronic bidding service.
  - b. **Bids are due March 13, 2026 @ 1:00 PM (Electronically via Bid Express)**
  - c. **Selected Contractor Interview on: March 16, 2026 @ 11:00 AM**
  - d. The Project site is located at:

I-70 WB @ MM 01,  
NEW PARIS, OHIO 45347, PREBLE COUNTY
19. Estimate of contract for this project is included in the Notice to Bidders.

<u>Trade</u>	<u>Estimate</u>
<b>General Contract (Base Bid)</b>	<b>\$ 3,899,201.00</b>

20. The A/E shall respond to RFI's **received by 03/09/2026 at 4:00 PM.**
21. **Last Addendum will be issued on 03/10/2026.** The Addenda will be delivered via BidExpress.
22. **BASIS OF DESIGN AND ACCEPTABLE COMPONENTS:** The Contract Documents may list components produced by specific manufacturers to denote kind, quality, or performance requirements. **The component listed first is the Basis of Design Component.** Other listed components are Acceptable Components. If the Bidder includes an Acceptable Component in its Bid, the Bidder is responsible for the costs of coordination and modification required.
23. **SUBSTITUTION PRIOR TO BID OPENING:** No substitution will be allowed to the items specified unless the proposed item has been submitted for approval in a timely manner and has been noted in an Addendum.
24. **ELECTRONIC BID FORM:** Each Bid shall be submitted on the electronic **Bid Form** through Bid express.
25. **ALLOWANCE:** If Allowances are provided on the electronic Bid Form, the amount of each Allowance shall be included in the Base Bid amount. Allowances shall be used solely for the purpose of determining the adjustment to the Contract Sum for the difference between the amount of the Allowance and the actual cost of the related Work provided.
26. **Unit Prices:** If Unit Prices are requested on the electronic Bid Form, the amount of the scheduled quantities shall be included in the Base Bid amount. Unit prices shall be used solely for the purpose of determining the adjustment to the contract sum for the difference between the estimated quantities on the electronic bid form and the actual quantities provided.
27. Contractor shall prepare and maintain a resource-loaded Construction Progress Schedule using the critical-path method of scheduling that provides the following information.
  - a) Substantial Completion **300** consecutive calendar days after notice to proceed.  
Contract Completion: **330** consecutive calendar days after notice to proceed.
  - b) **There will be weekly job meetings.**
  - c) Ohio law requires the use of **DOMESTIC STEEL.**
  - d) The Owner has submitted and obtained General building permits from Ohio Department of Commerce . The Contractors shall obtain all regulatory approvals and pay all fees as necessary to obtain Life Safety, OSHA and OEPA approvals for the work as required.
  - e) Builder's Risk Insurance:  
  
The Contractor shall provide and maintain, during the progress of the Work and until the execution of the final Certification of Contract Completion by the Contracting Authority, a Builder's Risk insurance policy to cover all Work in the course of construction including false-work, temporary buildings and structures, and materials used in the construction process, stored on or off-site, or while in transit. This insurance shall be on a special cause of loss form, which provides coverage on an open perils basis insuring against the direct physical loss of, or damage to, covered property including, but not limited to, theft, vandalism,

malicious mischief, earthquake, tornado, lightning, explosion, breakage of glass, flood, collapse, water damage, and hot and cold testing. This insurance shall be written on a replacement cost basis and shall also include debris removal, and/or demolition occasioned by enforcement of Applicable Law.

The amount of coverage shall be not less than the total completed value of the Project, including the value of permanent fixtures and decorations, with a deductible of not more than \$25,000 per occurrence. Any deductible over the amount specified must be authorized in writing by the Owner and the Contracting Authority.

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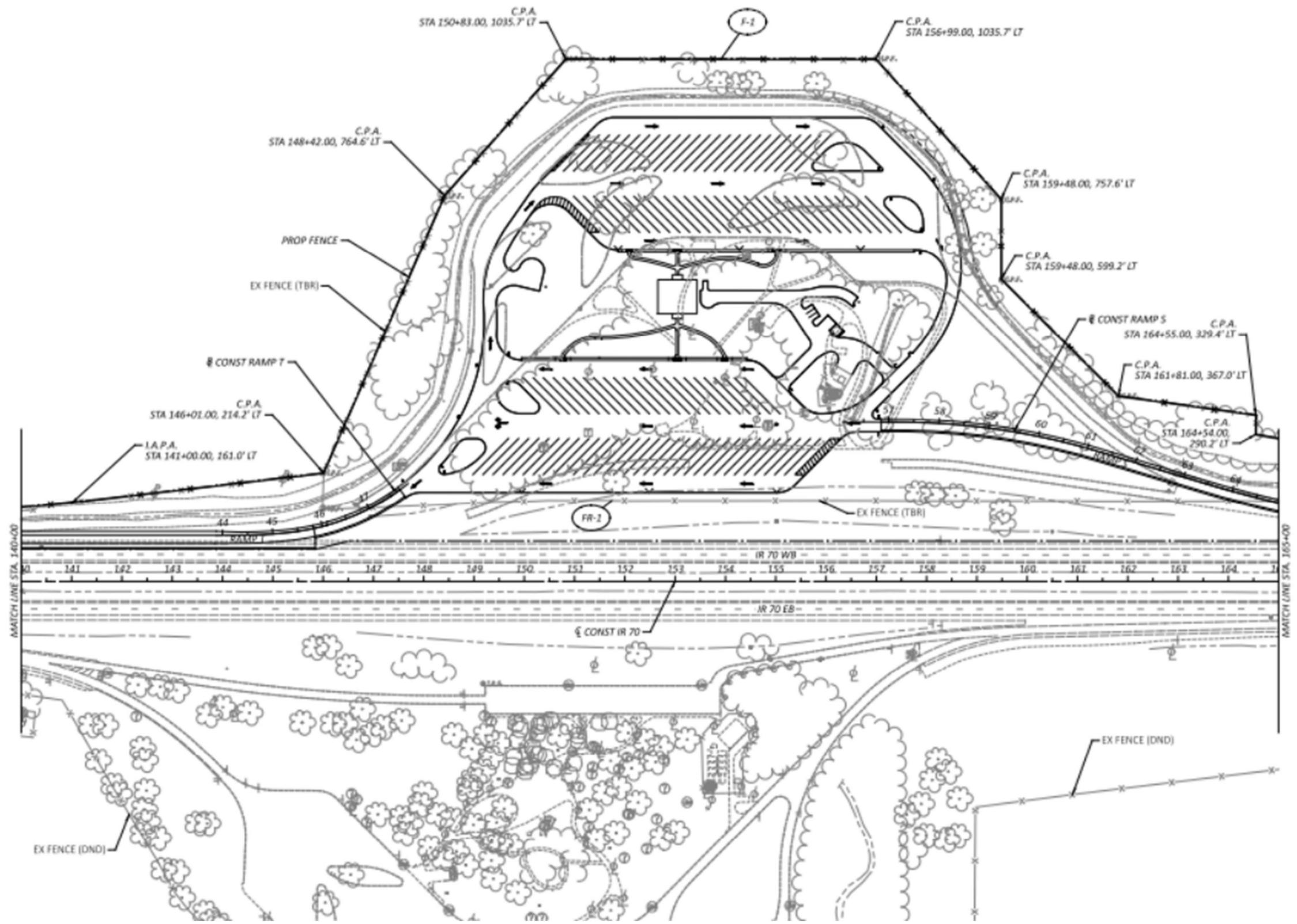
28. END OF DOCUMENT 00 31 32

29. Please address any specific questions in writing to **Ali Alghothani**, at Star Consultants, Inc. at email: **ali@starconsultants.org**.

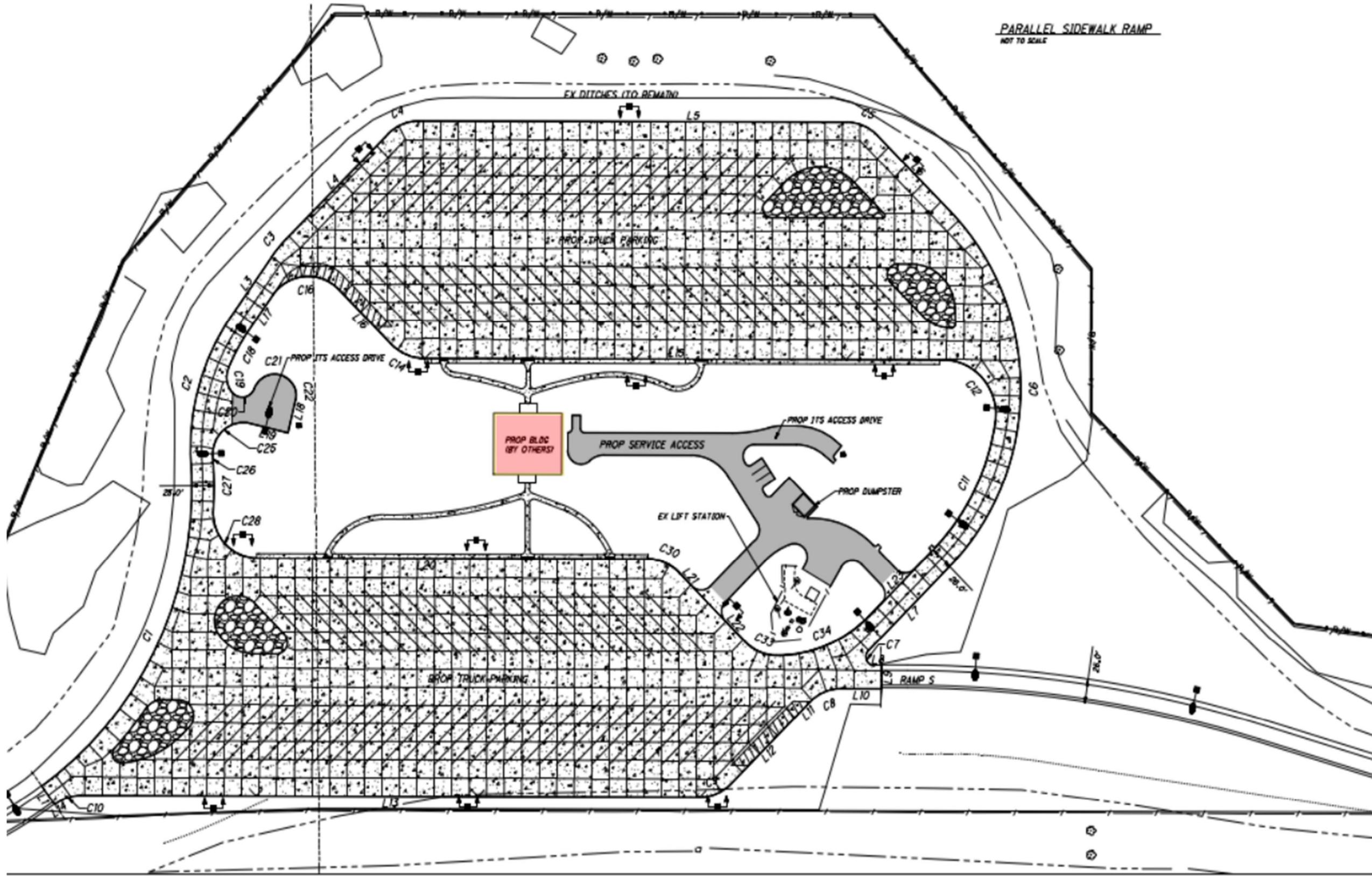
**Verbal interpretations of the Contract documents, and any statements made at the Pre-Bid meeting by the Associate, the Owner, or its representatives will not be binding, and that any and all changes to the Contract Documents will be made by written addendum.**

30. Site Visit.





PARALLEL SIDEWALK RAMP  
NOT TO SCALE



**SECTION 0031 32 GEOTECHNICAL DATA**

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END OF DOCUMENT 00 31 32

## SECTION 01 68 00 – BUILD AMERICA, BUY AMERICA (BABA) REQUIREMENTS

## PART 1 - GENERAL

## 1.1 SUMMARY

- A. This expanded Division 01 section is tailored for Water/Wastewater, Building, and Site/Civil Construction Projects funded with Federal Financial Assistance.
- B. This Section defines project-wide compliance with the Build America, Buy America Act (BABA) as required for water/wastewater utility systems, building construction, and site/civil infrastructure.
- C. Requirements apply to all iron, steel, construction materials, and manufactured products permanently incorporated into the Work.
- D. Contractor is responsible for assuring compliance by all subcontractors and suppliers.

## 1.2 RELATED SECTIONS

- A. Section 01 30 00 – Administrative Requirements
- B. Section 01 33 00 – Submittal Procedures
- C. Section 01 40 00 – Quality Requirements
- D. Technical Division 02–33 sections for specific product requirements.
  - 1. Work covered by Contract Documents.
  - 2. Work Phases.
  - 3. Use of premises
  - 4. Owner's occupancy requirements

## 1.3 REFERENCES

- A. CFR Part 184 – BABA Guidance
- B. OMB Memos M-22-11 and M-23-09
- C. IIJA (Public Law 117-58)
- D. Applicable Federal Agency Implementation Guidance

## 1.4 DEFINITIONS

- A. Iron and Steel Products – all manufacturing processes from melting through coatings occur in the U.S.
- B. Construction Materials – non-ferrous metals, polymers, glass, lumber, drywall, fiber-optic cable, and cementitious materials manufactured in the U.S.

- C. Manufactured Products – manufactured in the U.S. with at least 55% U.S. components or per updated OMB guidance.
- D. Waiver – written federal approval only.

#### 1.5 ADMINISTRATIVE REQUIREMENTS

- A. Contractor shall provide a BABA Compliance Plan within 30 days of Notice to Proceed including supplier list, tracking system, and documentation procedures.
- B. Contractor shall maintain a BABA compliance log updated monthly.

#### 1.6 SUBMITTALS

- A. BABA Compliance Certificates for:

- 1. Iron and steel.
- 2. Construction materials.
- 3. Manufactured products.

- B. Documentation to include:

- 1. Origin affidavits.
- 2. Mill certifications.
- 3. Component breakdowns.
- 4. U.S. manufacturing locations.

- C. Provide Pre-Installation Verification Submittal for all major materials.
- D. Final completion requires compiled BABA Compliance Binder in PDF.

#### 1.7 QUALITY ASSURANCE

- A. Contractor shall ensure all suppliers acknowledge BABA requirements in purchase orders.
- B. Coordinate with Owner for audits.
- C. Provide corrective action plan if deficiencies occur.

#### 1.8 ENFORCEMENT

- A. Non-compliant products shall be immediately removed.
- B. Contractor bears full cost of replacement and damages.
- C. Falsification of records is grounds for termination.

### PART 2 - PRODUCTS

#### 2.1 GENERAL BABA PRODUCT REQUIREMENTS

- A. All products permanently incorporated must comply.
- B. Apply to water/wastewater systems, building structures, and site/civil elements.

## 2.2 WATER/WASTEWATER PRODUCTS

- A. Iron and Steel Examples:
  - 1. Ductile iron pipe and fittings.
  - 2. Steel tanks, frames, and equipment supports.
- B. Construction Materials Examples:
  - 1. PVC, HDPE, and CPVC piping.
  - 2. FRP baffles, grating, and covers.
  - 3. Concrete, mortar, coatings.
- C. Manufactured Products Examples:
  - 1. Pumps, blowers, mixers, valves.
  - 2. UV systems, chemical feed systems.
  - 3. Process control systems and PLC panels.

## 2.3 BUILDING PRODUCTS

- A. Construction Materials:
  - 1. Aluminum storefronts, doors, and frames.
  - 2. Glass and IGUs.
  - 3. Drywall, lumber, engineered wood.
- B. Manufactured Products:
  - 1. HVAC equipment and controls.
  - 2. Lighting and electrical distribution.
  - 3. Fire protection equipment.

## 2.4 SITE / CIVIL PRODUCTS

- A. Iron and Steel:
  - 1. Structural steel for retaining walls.
  - 2. Rebar and steel mesh.
- B. Construction Materials:
  - 1. PVC/HDPE site utilities.
  - 2. Precast structures.
- C. Manufactured Products:

1. Lift stations, packaged pump systems.
2. Traffic control devices.
3. Electrical enclosures.

### PART 3 - EXECUTION

#### 3.1 GENERAL REQUIREMENTS

- A. Coordinate all procurement early to avoid BABA-related delays.
- B. Submit documentation before installation.

#### 3.2 VERIFICATION PROCEDURES

- A. Contractor shall verify compliance on arrival at site.
- B. Unverified products shall be quarantined.
- C. Maintain chain of custody documentation.

#### 3.3 RECORD KEEPING

- A. Maintain all BABA documents for 5 years.
- B. Provide access for Owner and federal auditors.

#### 3.4 NON-COMPLIANCE PROCEDURES

- A. Immediately stop installation of non-compliant product.
- B. Notify Owner within 24 hours.
- C. Remove and replace product at Contractor cost.
- D. Submit corrective documentation.

#### 3.5 CONTRACTOR CERTIFICATION

- A. The Contractor shall include the following written certifications on the front cover or initial sheet of each BABA Submittal or Shop Drawing, signed and dated prior to fabrication.
- B. The undersigned Contractor/Supplier hereby certifies and affirms that all Iron and Steel, Manufactured Products, and Construction Materials supplied under this submittal for permanent incorporation into this federally-funded infrastructure project are in full compliance with the domestic content procurement preference requirements of the Build America, Buy America Act (BABA), Title IX of the Infrastructure Investment and Jobs Act (IIJA), Pub. L. 117-58, and all applicable guidance (including 2 CFR 184).

- C. The undersigned further certifies that:
1. Required Step Certifications from manufacturers/subcontractors documenting the domestic manufacturing location for each stage of production are attached or available upon request.
  2. No BABA-compliant material, product, or item covered by this submittal has an active, approved waiver on file unless specifically noted in the submittal documents.
  3. The Contractor understands and agrees that the provisions of 31 U.S.C. Chapter 38, Administrative Remedies for False Claims and Statements, apply to this certification.

END OF SECTION 01 6800

Build America, Buy America (BABA) Compliance Log  
 Project: Truck Parking Restrooms and Site Utilities  
 Location: I-70 WB, Marker 1Mile  
 Funding Source: Federal (BABA Applicable)  
 Prime Contractor: \_\_\_\_\_  
 Prepared By: Star Consultants, Inc.  
 Date: 12/20/2025

1. PURPOSE

manufactured products, and construction materials permanently incorporated into the project. All listed items are required to be produced in the United States unless a waiver is approved.

2. BABA REQUIREMENTS SUMMARY

Iron and Steel: 100% melted and poured in the United States.  
 Manufactured Products: Final assembly in the United States and >55% domestic content.  
 Construction Materials: Manufactured in the United States (includes cement, aggregates, glass, gypsum, lumber, wood products, asphalt, brick, CMU, tile, coatings, etc.).

3. COMPLIANCE LOG – BUILDING CONSTRUCTION (RESTROOM FACILITY)

DIVISION 03 - CONCRETE MATERIALS

Concrete is classified as a construction material under BABA and must be manufactured in the United

Item	Category	Description	Manufacturer / Supplier	Country	Compliant
Ready-Mix Structural Concrete	Construction Material	Foundations, grade beams, walls	Local Batch Plant	USA	Y / N
Slab-on-Grade Concrete	Construction Material	Restroom floors	Local Batch Plant	USA	Y / N
Exterior Flatwork Concrete	Construction Material	Sidewalks, pads, aprons	Local Batch Plant	USA	Y / N
Cement	Construction Material	Portland cement	TBD	USA	Y / N
Coarse Aggregate	Construction Material	Crushed stone	Local Quarry	USA	Y / N
Fine Aggregate	Construction Material	Sand	Local Quarry	USA	Y / N
Admixtures	Construction Material	Air entrainer, water reducer	TBD	USA	Y / N
Curing Compounds	Construction Material	Membrane-forming	TBD	USA	Y / N
Precast Concrete	Construction Material	Manholes, tanks, panels	TBD	USA	Y / N
Reinforcing Steel	Iron & Steel	Rebar, welded wire	TBD	USA	Y / N

DIVISION 04 - MASONRY

Stone	Construction Material	Wall Finish	TBD	USA	Y / N
Masonry – Split Face CMU	Construction Material	Load-bearing CMU	TBD	USA	Y / N

Item	Category	Description	Manufacturer / Supplier	Country	Compliant
Masonry – Smooth Face CMU	Construction Material	Architectural CMU	TBD	USA	Y / N
Mortar & Grout	Construction Material	Cementitious	TBD	USA	Y / N
Air/Vapor Barrier	Manufactured Product	Fluid-applied membrane	TBD	USA	Y / N
DIVISION 05 - METALS					
Structural Steel	Iron & Steel	Tubes, Pipes, Base plates, embeds	TBD	USA	Y / N
Anchor Bolts	Iron & Steel	ASTM F1554	TBD	USA	Y / N
Metal Studs & Track	Iron & Steel	Interior framing	TBD	USA	Y / N
DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES					
Heavy Timber Columns & Beams	Construction Material (Wood)	Solid-sawn heavy timber	TBD	USA	Y / N
Wood Trusses	Construction Material (Wood)	Prefabricated roof trusses	TBD	USA	Y / N
Dimensional Lumber	Construction Material (Wood)	Studs, blocking, sheathing	TBD	USA	Y / N
DIVISION 07 - THERMAL AND MOISTURE CONTROL					
Thermal Insulation	Manufactured Product	Rigid/polyiso	TBD	USA	Y / N
Metal Roof Panels	Manufactured Product	Aluminum/steel standing seam panels	TBD	USA	Y / N
Roofing Fasteners	Iron & Steel	Stainless / galvanized	TBD	USA	Y / N
Sheet Metal Flashing and Trim	Manufactured Product	Aluminum/steel	TBD	USA	Y / N
DIVISION 08 - OPENINGS					
Interior Doors & Frames	Manufactured Product	Solid core doors, steel frames	TBD	USA	Y / N
DIVISION 09 - FINISHES					
Gypsum Board Assemblies	Construction Material	5/8" Type X, moisture resistant	TBD	USA	Y / N
Tiling	Construction Material	Floor & wall tile	TBD	USA	Y / N
Tile Setting Materials	Construction Material	Thinset, grout	TBD	USA	Y / N
DIVISION 10 - SPECIALTIES					

Item	Category	Description	Manufacturer / Supplier	Country	Compliant
Plastic Toilet Compartments	Manufactured Product	Phenolic / HDPE / metal	TBD	USA	Y / N
Toilet, Bath, and Accessories	Manufactured Product	Lavatory counters	TBD	USA	Y / N
Toilets & Urinals	Manufactured Product	High-efficiency fixtures	TBD	USA	Y / N
Lavatories & Sinks	Manufactured Product	Wall-hung / counter-mounted	TBD	USA	Y / N
Faucets & Valves	Manufactured Product	Sensor-operated	TBD	USA	Y / N
DIVISION 22 - PLUMBING					
Domestic Water Piping	Iron/Steel / Plastic Construction	Copper / ductile iron / PEX	TBD	USA	Y / N
Sanitary Piping	Material	PVC / ductile iron	TBD	USA	Y / N
DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING					
Packaged Rooftop Units (RTU)	Manufactured Product	Gas heat / electric cool	Trane / Carrier / Lennox	USA	Y / N
Air Handling Units (AHU)	Manufactured Product	Indoor AHUs serving restrooms	Daikin Applied / Trane	USA	Y / N
Economizers	Manufactured Product	Air-side economizer sections	Honeywell / Johnson Controls	USA	Y / N
Exhaust Fans	Manufactured Product	Roof-mounted centrifugal fans	Greenheck / Loren Cook	USA	Y / N
Make-Up Air Units (if required)	Manufactured Product	Heated make-up air	CaptiveAire / Greenheck	USA	Y / N
Ductwork	Iron & Steel	Galvanized sheet metal duct	Local Fabricator		Y / N
Dampers	Manufactured Product	Smoke / control dampers	Ruskin / Greenheck	USA	Y / N
HVAC Controls	Manufactured Product	DDC controls, sensors	Johnson Controls	USA	Y / N
Refrigerant Piping	Iron & Steel / Copper	Type L copper	Mueller Industries	USA	Y / N
Insulation (Duct & Pipe)	Construction Material	Fiberglass / elastomeric	Owens Corning	USA	Y / N
DIVISION 26 - ELECTRICAL					
Led Lighting Fixtures	Manufactured Product	LED restroom fixtures	TBD	USA	Y / N
Electrical Conduit	Iron & Steel	Rigid/EMT	TBD	USA	Y / N

Item	Category	Description	Manufacturer / Supplier	Country	Compliant
Conductors & Wire	Manufactured Product	Copper conductors	TBD	USA	Y / N
Panels & Breakers	Manufactured Product	Distribution equipment	TBD	USA	Y / N
DIVISION 33 - Utilities					
Well Casing	Iron & Steel	Steel or PVC casing	TBD	USA	Y / N
Well Screen	Iron & Steel	Stainless or carbon steel	TBD	USA	Y / N
Grout & Seals	Construction Material	Bentonite / cement grout	TBD	USA	Y / N
Submersible Pumps	Manufactured Product	Primary and standby	TBD	USA	Y / N
Drop Pipe	Iron & Steel	Column pipe	TBD	USA	Y / N
Pitless Adapter	Iron & Steel	Frost-proof adapter	TBD	USA	Y / N
Wellhead & Cap	Iron & Steel	Sanitary well cap	TBD	USA	Y / N
Pressure Tanks	Manufactured Product	ASME-rated tanks	TBD	USA	Y / N
Filtration Vessels	Manufactured Product	Media filters	TBD	USA	Y / N
Filter Media	Construction Material	Sand, carbon, greensand	TBD	USA	Y / N
Disinfection System	Manufactured Product	UV / chlorination	TBD	USA	Y / N
Chemical Feed Pumps	Manufactured Product	Metering pumps	TBD	USA	Y / N
Controls & Instrumentation	Manufactured Product	Flow, pressure, PLC	TBD	USA	Y / N
Precast Wet Well	Construction Material	Reinforced concrete	TBD	USA	Y / N
Submersible Sewage Pumps	Manufactured Product	Duplex pumps	TBD	USA	Y / N
Guide Rails & Hardware	Iron & Steel	Stainless steel	TBD	USA	Y / N
Valves & Fittings	Iron & Steel	Check and gate valves	TBD	USA	Y / N
Force Main Piping	Iron & Steel / Plastic	Ductile iron / HDPE	TBD	USA	Y / N
Control Panel	Manufactured Product	UL-listed panel	TBD	USA	Y / N
Propane Storage Tank	Iron & Steel	Above-ground ASME tank	Manchester Tank / Worthington	USA	Y / N
Propane Tank Foundation	Construction Material	Concrete pad	Local Ready-Mix Supplier		Y / N

Item	Category	Description	Manufacturer / Supplier	Country	Compliant
Propane Piping	Iron & Steel Manufactured	Black steel piping	Wheatland Tube	USA	Y / N
Regulators & Valves	Product	Pressure regulation	Emerson / Fisher	USA	Y / N
Tank Appurtenances	Iron & Steel Manufactured	Fill valves, relief valves	Manchester Tank	USA	Y / N
Gas Detection (if required)	Product	Propane leak sensors	Honeywell	USA	Y / N

#### CONTRACTOR CERTIFICATION

BABA Submittal or Shop Drawing, signed and dated prior to fabrication:

The undersigned Contractor/Supplier hereby certifies and affirms that all Iron and Steel, Manufactured Products, and Construction Materials supplied under this submittal for permanent incorporation into this federally-funded infrastructure project are in full compliance with the domestic content procurement preference requirements of the Build America, Buy America Act (BABA), Title IX of the Infrastructure Investment and Jobs Act (IIJA), Pub. L. 117-58, and all applicable guidance (including 2 CFR 184).

The undersigned further certifies that:

1. Required Step Certifications from manufacturers/subcontractors documenting the domestic manufacturing location for each stage of production are attached or available upon request.
2. No BABA-compliant material, product, or item covered by this submittal has an active, approved waiver on file unless specifically noted in the submittal documents.
3. The Contractor understands and agrees that the provisions of 31 U.S.C. Chapter 38, Administrative Remedies for False Claims and Statements, apply to this certification.

BABA - Specification Section	
Div. No.	Item
033000	Foundation; Reinforced 2'-6" x1'-0"
033000	Foundation 2'-0" x1'-0"
033000	Interior Slab on Grade 5" thick
033000	Exterior Slab on Grade 5" thick
033000	Sidewalk Slab on Grade
033000	Foundation Wall 14"
033000	Concrete Piers (24" Dia. X 4 ft)
033000	Gravel
033000	10 Mil Vapor Barrier
042000	Masonry Wall (8" CMU) see struc est.
042613	Stone
050523	Anchor Bolts (3/4" DIAMETER)
051200	Steel columns and Beam
061000	Rough Carpentry
061300	Heavy Timber
061300	Wood trusses
064116	Base cabinets
064116	Wall cabinets
066510	Solid Surface Fabrications
072100	Roof Insulation - (see insulated roof panel)
072100	Wall insulation/V.B.
072100	Rigid Insulation 4"
072100	Wall Rigid Insulation
074113	Standing-Seam Metal Roof
076200	Gutters
076200	Downspouts
076200	DS Boots (cast iron)
076200	Sheet Metal Flashing and Trim
076200	Ridge vents, galvanized strips, with damper and bird screen
077100	Roofing Accessories (Snow/Ice Guards)
077200	Roof Specialties-Lightning Protection
081113	Doors 3'x7'
081113	Doors 4'x7'
084113	Storefront
085113	Windows (5'4x4')
087100	Door Hardware
087100	Door automatic opener
092900	ceiling
093000	Tiling
096513	Resilient Base and Accessories
096723	Resinous Flooring
096723	Resinous Base
099123	Interior Painting
101400	Signage
101423	Bulletin board + Display case

Div. No.	Item
102800	Toilet partitions
102800	ADA stall
102800	Urinal screen
102800	Mirror
102800	Soap Dispenser
102800	Paper Towel
102800	TP Dispenser
102800	ADA grab bars
102800	Undercounter drain guards
102800	Waste receptacle
102800	Sanitary napkin dispenser
102800	Toilet seat covers
102800	Mop and broom
104400	Fire Extinguishers (WP cabinet)
106750	Storage shelving
107500	Flagpoles
220500	Above Ground Drain Piping Insullation
220500	Above Ground Water Piping Insullation
221100	Domestic Water Connections
221100	Water Service Backflow Preventor
221100	Domestic Water Service Meter
221100	Domestic HWH, Circulator System
221100	Exterior Wall Hydrant
221100	Interior Hose Bibb w/ BFP and Shut-off
221100	Water Hammer Arrestors
221100	Water valves, piping hanging system
221100	Water Filter Piping
221100	Water Prefilter and Filtrs
221100	Water Softners
221100	3" backflow preventer Installed
221300	Sewer Service Building Connection
221300	Floor Drains
221300	Floor Cleanouts
221300	Above Ground Drain/ Vent Piping System
221300	Above Ground Water Piping System
221300	Condensate Drain Piping ERU & AHU's
224000	Plumbing Fixtures Accessories
224000	Water Closet
224000	Urinals
224000	Lavatories
224000	Mob Sink w/ Accessoris
224000	ADA Dual Water Cooler
230900	Thermostats with Control wiring
232300	Propane Tank
233100	Ductwork with Accessories
233300	Manual Air Balancing Dampers

Div. No.	Item
233713	Air Devices ( Deffusers, Registers, Grilles)
233713	Louvers
237200	Energy Recovery Unit (ERU-1)
237200	Energy Recovery Unit (ERU-2)
237200	ERU VFD Control
237416	Split Systems (AHU & CU)
237416	Supply Air Purifiers
237416	Split Systems (AHU & CU)
238239	Electric Unit Heaters
260500	Conduit 4"C PVC Sch80 Qty=ft
260500	Conductors (4) #1 Qty=ft , CostX4 \$2.20/0.76
260500	Conduit 4"C PVC Sch80 Qty=ft
260500	Secondary Conductors (4) #350kcmil Qty=ft , CostX4 \$5.9/1.7
260500	Conduit 3/4" EMT Qty=ft (est)
260500	Conductors (2)#12, 1#12G , Qty=ft , CostX3 \$0.18/0.28
260500	Conduit 3/4" EMT Qty=ft (est)
260500	Conductors (2)#12, 1#12G, Qty=ft , CostX\$0.18/0.28
260500	Conduit 3/4" EMT Qty=ft (est)
260500	Conductors (2)#12, 1#12G, Qty=ft , CostX3 \$0.18/0.28
260500	Conduit 3/4" EMT Qty=ft (est)
260500	Conductors (2)#12, 1#12G, Qty=ft , CostX3 \$0.18/0.28
260500	Conduit 3/4" EMT Qty=ft
260500	Conductors (2)#12,1#12G Qty=ft, CostX3 \$0.18/0.28
260500	Conduit 3/4" PVC 40 Qty=ft
260500	Conductors (3)#8,1#10G Qty=ft, CostX4 \$5.9/1.7
260500	Conduit 1" PVC40 Qty=ft
260500	Conductors (3)#10, 1#12G Qty=ft, CostX4 \$0.29/0.31
260500	Conduit 1-1/2" PVC40 Qty=ft
260500	Conductors (3)#8, 1#10G Qty=ft, CostX4 \$0.31/0.38
262200	Step-down Transformer 480pri-208Y/120 sec 75kva
262413	400A base
262416	Overcurrent device - 100A breaker - SQD BDA34100Y6
262416	Enclosure - 100A 3P 480V SUSE
262416	New 208Y/120 225A Panelboard - Panel A
262416	Overcurrent devices - branch circuits - 1P breakers
262416	Overcurrent devices - branch circuits - 2P breakers
262416	Overcurrent devices - branch circuits - 3P breakers
262416	New 208Y/120 100A Panelboard - Panel B
262416	Overcurrent devices - branch circuits - 1P breakers
262726	Wireway - 6" X 6" X 4ft
262726	Receptacles
262726	Receptacles - GFI
262726	Receptacles - GFI - WP
262726.13	Occupancy Sensor
262726.13	Occupancy Sensor Power Pack
265100	Light Fixtures - Exit Signs w/battery backup

Div. No.	Item
265100	Light Fixtures - Type A - LED Recessed Can
265100	Light Fixtures - Type B - LED Recessed Can w/EM Battery
265100	Light Fixtures - Type C- LED Recessed Can - Sloped Ceiling Mount
265100	Light Fixtures - Type S4 - 4ft LED Linear Chain Mount
265100	Light Fixtures - Type S4E - 4ft LED Linear Chain Mount w/EM Battery
265600	Light Fixtures - Type WPEM - LED Wall Pack w/EM Battery - Egress Path
265600	Light Fixtures - Type W3 - LED Wall Pack - General Site Lighting
312316	6" AGGREGATE BASE
321326	8" DAI. BOLLARD FILL WITH CONCRETE
323113	12' FENCE GATE
323113	6' CHAIN LINK FENCE
331100	2 1/2" WATER PIPE AND FITTINGS
331100	1" COPPER WATER SERVICE LINE, TYPE K
331300	10,000 GALLON WATER STORAGE TANK COMPLETE IN PLACE
331323	Water Well
334100	CATCH BASIN NO. 2-3
334100	12" CONDUIT, TYPE C (707.33)
334100	6" PVC SANITARY PIPE (SDR 35)
334100	MANHOLE NO. 3 (SAN.)
334100	8" CONDUIT, TYPE C (707.33)
334100	8" CLEANOUT
337300	LIFT STATION COMPLETE IN PLACE

## SECTION 09 3000 - TILING

## PART 1 - GENERAL

## 1.1 SUMMARY

## A. Section Includes

1. Tile for wall applications.
2. Cementitious backer board as tile substrate.
3. Non-ceramic trim.
4. Anti-fracture Membrane

## B. Related Requirements

1. Drawings and provisions of the Contract, Including General and Supplementary Conditions and Division 1 specification sections apply to this Section.
2. Section 07 9200 - Joint Sealants: Sealing joints between tile work and adjacent construction and fixtures.
3. Section 09 2116 - Gypsum Board Assemblies: Tile backer board.

## 1.2 REFERENCE STANDARDS

- A. ANSI A108/A118/A136.1 - American National Standard Specifications for the Installation of Ceramic Tile (Compendium)
- B. ANSI A108.1a - American National Standard Specifications for Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar
- C. ANSI A108.1b - American National Standard Specifications for Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar
- D. ANSI A108.1c - Specifications for Contractors Option: Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar or Installation of Ceramic Tile on a Cured Portland Cement Mortar Bed with Dry-Set or Latex-Portland Cement.
- E. ANSI A108.4 - American National Standard Specifications for Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-Setting Epoxy Adhesive.
- F. ANSI A108.5 - American National Standard Specifications for Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar.

- G. ANSI A108.6 - American National Standard Specifications for Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and - Grouting Epoxy.
  - H. ANSI A108.8 - American National Standard Specifications for Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout.
  - I. ANSI A108.9 - American National Standard Specifications for Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout.
  - J. ANSI A108.10 - American National Standard Specifications for Installation of Grout in Tilework.
  - K. ANSI A108.11 - American National Standard for Interior Installation of Cementitious Backer Units.
  - L. ANSI A108.13 - American National Standard for Installation of Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone.
  - M. ANSI A118.3 - American National Standard Specifications for Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy and Water Cleanable Tile-Setting Epoxy Adhesive.
  - N. ANSI A118.9 - American National Standard Specifications for Test Methods and Specifications for Cementitious Backer Units.
  - O. ANSI A137.1 - American National Standard Specifications for Ceramic Tile.
  - P. ANSI A137.2 - American National Standard Specifications for Glass Tile.
  - Q. ASTM C373 - Standard Test Method for Water Absorption, Bulk Density, Apparent Porosity, and Apparent Specific Gravity of Fired Whiteware Products, Ceramic Tiles, and Glass Tiles.
  - R. TCNA (HB) - Handbook for Ceramic, Glass, and Stone Tile Installation.
- 1.3 ADMINISTRATIVE REQUIREMENTS
- A. Preinstallation Meeting: Convene a pre-installation meeting one week before starting work of this section; require attendance by all affected installers.
- 1.4 SUBMITTALS
- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
  - B. Product Data: Provide manufacturers' data sheets on tile, mortar, grout, and accessories. Include instructions for using grouts and adhesives.

- C. Samples: Mount tile and apply grout on two plywood panels, minimum 26 by 40 inches in size illustrating pattern, color variations, and grout joint size variations.
- D. Maintenance Data: Include recommended cleaning methods, cleaning materials, and stain removal methods.

#### 1.5 QUALITY ASSURANCE

- A. Maintain one copy of and ANSI A108/A118/A136.1 and TCNA (HB) on site.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Protect adhesives from freezing or overheating in accordance with manufacturer's instructions.

#### 1.7 FIELD CONDITIONS

- A. Maintain ambient and substrate temperature of 50 degrees F during installation of mortar materials.

### PART 2 - PRODUCTS

#### 2.1 TILE

- A. Tile - Basis of Design: Subject to compliance with requirements, provide tile products as manufactured by product stated below or comparable product by one of the following:
  - 1. Dal-Tile ([www.daltile.com](http://www.daltile.com) )
  - 2. American Olean Corporation: [www.americanolean.com](http://www.americanolean.com)
  - 3. Crossville, Inc. Tile; [www.crossvilleinc.com](http://www.crossvilleinc.com)
- B. WT-1 & WT-3: Porcelain Tile. ANSI A137.1, standard grade.
  - 1. Manufacturer: Florida Tile "High Ridge"
  - 2. Moisture Absorption: 0 to 0.5 percent as tested in accordance with ASTM C373.
  - 3. Size: 12 by 24 inch, nominal, as noted on the drawing
  - 4. Thickness: 3/8 inch.
  - 5. Surface Finish: Matte.
  - 6. Edges: Rectified, Square.
  - 7. Color(s): Canyon Slate
  - 8. Grout Color: Provide color samples of mfr's full range for owner selection.
- C. WT-2 Mosaic Tile: ANSI A137.2, standard grade.

1. Marazzi: "Midpark Mosaics"
2. Miniature Mosaic Tiles:
  - a. Size and Shape: Trapezoid Random
  - b. Moisture Absorption: 0 to 0.5 percent as tested in accordance with ASTM C373.
3. Color: Bark MP09
4. Grout Color: Provide color samples of mfr's full range for owner selection.

D. WT-4: Porcelain Tile. ANSI A137.1, standard grade.

1. Manufacturer: Dal-Tile Corporation: "Fabric Art"
2. Moisture Absorption: 0 to 0.5 percent as tested in accordance with ASTM C373.
3. Size: 12 by 24 inch, nominal, as noted on the drawing
4. Thickness: 3/8 inch.
5. Surface Finish: Matte.
6. Edges: Rectified, Square.
7. Color(s): Modern Linear Beige
8. Grout Color: Provide color samples of mfr's full range for owner selection

## 2.2 TRIM AND ACCESSORIES

- A. Non-Ceramic Trim: Satin natural anodized extruded aluminum, style, and dimensions to suit application, for setting using tile mortar or adhesive.
1. Applications:
    - a. Open edges of wall tile (top edge of cove base).
    - b. Bullnose outside wall corners.

## 2.3 GROUT AND SETTING MATERIALS

- A. Basis of Design: Subject to compliance with requirements, provide grout and setting products as manufactured by TEC Specialty Products Inc or comparable product by one of the following:
1. Bonsal, W. R., Company.
  2. Custom Building Products
  3. LATICRETE International Inc.
  4. MAPEI Corporation.
- B. Retain setting and grouting materials below as required for installation methods selected; delete others.
- C. Modified Dry-Set Cement Mortar ANSI A118.15.
- D. Epoxy Tile Grout: ANSI A118.3, color as scheduled.
1. Chemical resistant and water-cleanable epoxy grout

## 2.4 MISCELLANEOUS MATERIALS

- A. Basis of Design: Subject to compliance with requirements, provide grout and setting products as manufactured by Laticrete International-Hydro Ban or comparable product by one of the following:
  - 1. Bonsal, W. R., Company.
  - 2. Custom Building Products
  - 3. MAPEI Corporation.
  
- B. Waterproofing Membrane: Material complying with ANSI A118.10
  - 1. Type: Fluid-applied.
  - 2. Thickness: 20 mils, maximum.
  - 3. Crack Resistance: No failure at 1/16 inch gap, minimum.
  - 4. Products:
    - a. Custom Building Products; Fracture Free Crack Prevention Membrane
    - b. LATICRETE International, Inc; LATICRETE Blue 92 Anti-Fracture Membrane
    - c. Merkrete, by Parex USA, Inc; Merkrete Fracture Guard
    - d. Proflex Products, Inc; Maxxim Sim-40

## 2.5 ACCESSORY MATERIALS

- A. Backer Board: Cementitious type complying with ANSI A118.9; high density, glass fiber reinforced, 1/2 inch thick; 2 inch wide coated glass fiber tape for joints and corners.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Verify that sub-floor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive tile.
- B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive tile.
- C. Verify that sub-floor surfaces are dust-free and free of substances that could impair bonding of setting materials to sub-floor surfaces.

### 3.2 PREPARATION

- A. Protect surrounding work from damage.
- B. Vacuum clean surfaces and damp clean.

- C. Seal substrate surface cracks with filler. Level existing substrate surfaces to acceptable flatness tolerances.
- D. Install backer board in accordance with ANSI A108.11 and board manufacturer's instructions. Tape joints and corners, cover with skim coat of setting material to a feather edge.

### 3.3 INSTALLATION - GENERAL

- A. Install tile and thresholds and grout in accordance with applicable requirements of ANSI A108.1a through ANSI A108.13, manufacturer's instructions, and TCNA (HB) recommendations.
- B. Lay tile to pattern indicated. Do not interrupt tile pattern through openings. Pattern based on Daltile Hopscotch pattern. Provide matching pattern if tile product provided other than Daltile.
- C. Cut and fit tile to penetrations through tile, leaving sealant joint space. Form corners and bases neatly. Align floor joints.
- D. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make grout joints without voids, cracks, excess mortar or excess grout, or too little grout.
- E. Form internal angles square and external angles bullnosed.
- F. Install non-ceramic trim in accordance with manufacturer's instructions.
- G. Sound tile after setting. Replace hollow sounding units.
- H. Keep control and expansion joints free of mortar, grout, and adhesive.
- I. Prior to grouting, allow installation to completely cure; minimum of 48 hours.
- J. Grout tile joints unless otherwise indicated. Use standard grout unless otherwise indicated.
- K. At changes in plane and tile-to-tile control joints, use tile sealant instead of grout, with either bond breaker tape or backer rod as appropriate to prevent three-sided bonding.

### 3.4 INSTALLATION - WALL TILE

- A. On walls with SIPS substrate, install in accordance with TCNA (HB) Method W244, thin-set over cementitious backer units, with waterproofing membrane.
- B. Over cementitious backer units on studs, install in accordance with TCNA (HB) Method W244, using membrane at toilet rooms.

- C. Over interior concrete and masonry install in accordance with TCNA (HB) Method W202, thin-set with dry-set or latex-Portland cement bond coat.

3.5 CLEANING

- A. Clean tile and grout surfaces.

END OF SECTION 09 3000

## SECTION 10 2113.19 - PLASTIC TOILET COMPARTMENTS

## 1. RELATED DOCUMENTS

- a. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

## 2. SUMMARY

- a. Section Includes:

- 1) Solid-plastic toilet compartments and urinal screens.

- b. Related Requirements:

- 1) Section 061000 "Rough Carpentry" for blocking.
- 2) Section 102800 "Toilet, Bath, and Laundry Accessories" for toilet tissue dispensers, grab bars, purse shelves, and similar accessories mounted on toilet compartments.

## 3. Abbreviations and Acronyms

- a. HDPE: High-density polyethylene.

## 4. Reference Standards

- a. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.
- b. ASTM A240/A240M - Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications; 2025a.
- c. ASTM A666/A666M - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2024.
- d. ASTM B221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric); 2021.
- e. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2024.
- f. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.
- g. ICC (IBC) - International Building Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- h. NFPA 286 - Standard Methods of Fire Tests for Evaluating Contribution of Wall and

Ceiling Interior Finish to Room Fire Growth; 2024.

5. ACTION SUBMITTALS

- a. Product Data: For each type of product.
  - 1) Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for toilet compartments.
- b. Shop Drawings: For toilet compartments.
  - 1) Include plans, elevations, sections, details, and attachment details.
  - 2) Show locations of cutouts for compartment-mounted toilet accessories.
  - 3) Show locations of centerlines of toilet fixtures.
  - 4) Show locations of floor drains.
- c. Samples for Initial Selection: For each type of toilet compartment material indicated.
  - 1) Include Samples of hardware and accessories involving material and color selection from MFR's full range.
- d. Product Schedule: For toilet compartments, prepared by or under the supervision of supplier, detailing location and selected colors for toilet compartment material.

6. INFORMATIONAL SUBMITTALS

- a. Product Certificates: For each type of toilet compartment.

7. CLOSEOUT SUBMITTALS

- a. Maintenance Data: For toilet compartments to include in maintenance manuals.

8. MAINTENANCE MATERIAL SUBMITTALS

- a. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents and source.
  - 1) Door Hinges: 2 hinge(s) with associated fasteners.
  - 2) Latch and Keeper: 2 latch(es) and keeper(s) with associated fasteners.
  - 3) Door Bumper: 2 bumper(s) with associated fasteners.
  - 4) Door Pull: 2 door pull(s) with associated fasteners.
  - 5) Fasteners: Ten fasteners of each size and type.

9. PROJECT CONDITIONS

- a. Field Measurements: Verify actual locations of toilet fixtures, walls, columns, ceilings, and other construction contiguous with toilet compartments by field measurements

before fabrication.

## 10. WARRANTY

Manufacturer Warranty: Provide 25-year manufacturer warranty for HDPE material against breakage, corrosion, and delamination.

## PART 2 - PRODUCTS

### 1. PERFORMANCE REQUIREMENTS

- a. Surface-Burning Characteristics: Comply with ASTM E 84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
  - 1) Flame-Spread Index: 200 or less.
  - 2) Smoke-Developed Index: 450 or less.
- b. Regulatory Requirements: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines for Buildings and Facilities for toilet compartments designated as accessible.

### 2. SOLID-PLASTIC TOILET COMPARTMENTS

- a. Basis-of-Design Product: Subject to compliance with requirements, provide Accurate Partitions Corp, ASI Global, Floor to Ceiling or comparable product by one of the following:
  - 1) Bradley (Bradmar)
  - 2) Hadrian
  - 3) Scranton Products
- b. Toilet-Enclosure Style: Floor anchored overhead braced.
- c. Urinal-Screen Style: Wall hung.
- d. Door, Panel, and Pilaster Construction: Solid, high-density polyethylene (HDPE) panel material, not less than **1 inch** thick, seamless, with eased edges, no-sightline system, and with homogenous color and pattern throughout thickness of material.
  - 1) Heat-Sink Strip: Manufacturer's standard continuous, stainless-steel strip fastened to exposed bottom edges of solid-plastic components to hinder malicious combustion.
  - 2) Color and Pattern: One color and pattern in each room as selected by Architect from manufacturer's full range. (Provide color chart from mfr's full range for initial selections and then provide physical sample for final selection.)
- e. Pilaster Shoes: Manufacturer's standard design; stainless steel.
- f. Brackets (Fittings):

- 1) Stirrup Type: Ear or U-brackets, stainless steel.

### 3. HARDWARE AND ACCESSORIES

- a. Hardware and Accessories: Manufacturer's heavy-duty operating hardware and accessories.
  - 1) Hinges: Manufacturer's minimum **0.062-inch**-thick stainless-steel paired, self-closing type that can be adjusted to hold doors open at any angle up to 90 degrees, allowing emergency access by lifting door. Mount with through-bolts.
  - 2) Latch and Keeper: Manufacturer's heavy-duty surface-mounted cast-stainless-steel latch unit designed to resist damage due to slamming, with combination rubber-faced door strike and keeper, and with provision for emergency access. Provide units that comply with regulatory requirements for accessibility at compartments designated as accessible. Mount with through-bolts.
  - 3) Coat Hook: Manufacturer's heavy-duty combination cast-stainless-steel hook and rubber-tipped bumper, sized to prevent in-swinging door from hitting compartment-mounted accessories. Mount with through-bolts.
  - 4) Door Bumper: Manufacturer's heavy-duty rubber-tipped cast-stainless-steel bumper at out-swinging doors. Mount with through-bolts.
  - 5) Door Pull: Manufacturer's heavy-duty cast-stainless-steel pull at out-swinging doors that complies with regulatory requirements for accessibility. Provide units on both sides of doors at compartments designated as accessible. Mount with through-bolts.
  - 6) No site privacy strips
- b. Overhead Bracing: Manufacturer's standard continuous, extruded-aluminum head rail with antigrip profile and in manufacturer's standard finish.
- c. Anchorages and Fasteners: Manufacturer's standard exposed fasteners of stainless steel, finished to match the items they are securing, with theft-resistant-type heads. Provide sex-type bolts for through-bolt applications. For concealed anchors, use stainless-steel, hot-dip galvanized-steel, or other rust-resistant, protective-coated steel compatible with related materials.

### 4. MATERIALS

- a. Stainless-Steel Sheet: ASTM A 666, Type 304, stretcher-leveled standard of flatness.
- b. Stainless-Steel Castings: ASTM A 743/A 743M.

### 5. FABRICATION

- a. Fabrication, General: Fabricate toilet compartment components to sizes indicated. Coordinate requirements and provide cutouts for through-partition toilet accessories where required for attachment of toilet accessories.
- b. Overhead-Braced Units: Provide manufacturer's standard corrosion-resistant supports,

leveling mechanism, and anchors at pilasters to suit floor conditions. Provide shoes at pilasters to conceal supports and leveling mechanism.

- c. Floor-Anchored Units: Provide manufacturer's standard corrosion-resistant anchoring assemblies with leveling adjustment nuts at pilasters for structural connection to floor. Provide shoes at pilasters to conceal anchorage.
- d. Urinal-Screen Posts: Provide manufacturer's standard corrosion-resistant anchoring assemblies with leveling adjustment nuts at tops and bottoms of posts. Provide shoes and sleeves (caps) at posts to conceal anchorage.

### PART 3 - EXECUTION

#### 1. EXAMINATION

- a. Examine areas and conditions, with Installer present, for compliance with requirements for fastening, support, alignment, operating clearances, and other conditions affecting performance of the Work.
  - 1) Confirm location and adequacy of blocking and supports required for installation.
- b. Proceed with installation only after unsatisfactory conditions have been corrected.

#### 2. INSTALLATION

- a. General: Comply with manufacturer's written installation instructions. Install units rigid, straight, level, and plumb. Secure units in position with manufacturer's recommended anchoring devices.
  - 1) Maximum Clearances:
    - a) Pilasters and Panels: **1/2 inch.**
    - b) Panels and Walls: **1 inch.**
  - 2) Stirrup Brackets: Secure panels to walls and to pilasters with no fewer than three brackets attached at midpoint and near top and bottom of panel.
    - a) Locate wall brackets so holes for wall anchors occur in masonry or tile joints.
    - b) Align brackets at pilasters with brackets at walls.
- b. Floor-Anchored Units: Set pilasters with anchors penetrating not less than **2 inches** into structural floor unless otherwise indicated in manufacturer's written instructions. Level, plumb, and tighten pilasters. Hang doors and adjust so tops of doors are level with tops of pilasters when doors are in closed position.

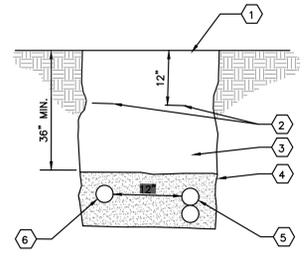
3. ADJUSTING

- a. Hardware Adjustment: Adjust and lubricate hardware according to hardware manufacturer's written instructions for proper operation. Set hinges on in-swinging doors to hold doors open approximately 30 degrees from closed position when unlatched. Set hinges on out-swinging doors to return doors to fully closed position.

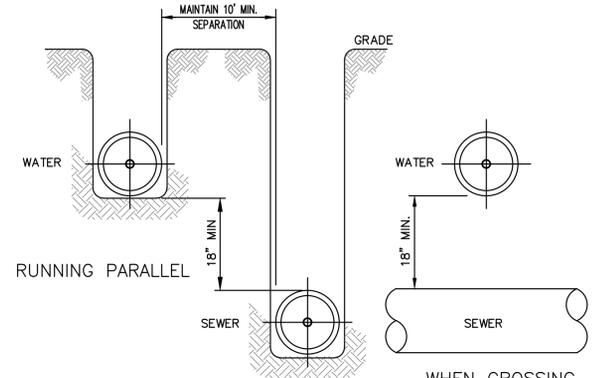
END OF SECTION 10211

**KEYED NOTES**

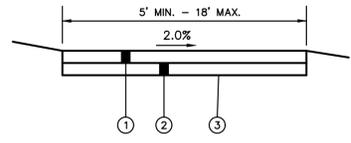
- 1 TOPSOIL & SEED/SOD, OR PAVEMENT AS DETAILED ELSEWHERE.
- 2 CONTINUOUS METALLIC WARNING TAPE
- 3 CLEAN SELECT GRANULAR BACKFILL
- 4 6" CLEAN SAND ENVELOPE
- 5 4" PVC ELECTRICAL CONDUITS (SCHEDULE 40), QUANTITY AS REQUIRED
- 6 4" PVC TELEPHONE CONDUIT (SCHEDULE 40), QUANTITY AS REQUIRED



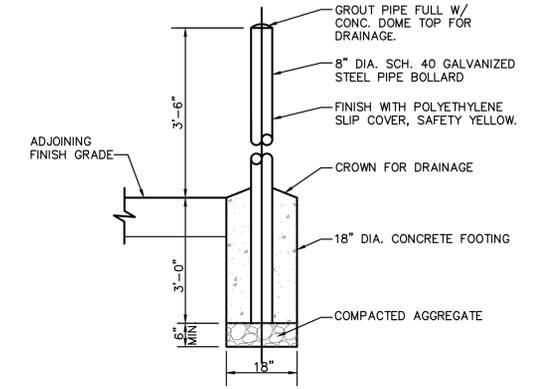
**ELECTRICAL & COMMUNICATIONS SERVICE TRENCH**  
N.T.S.



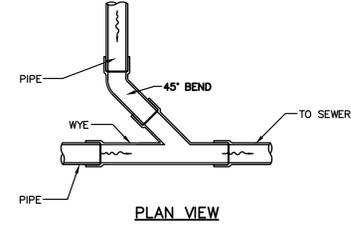
**STORM, SANITARY, AND WATERLINE RELATIONSHIP**  
N.T.S.



**CONCRETE SIDEWALK**  
N.T.S.



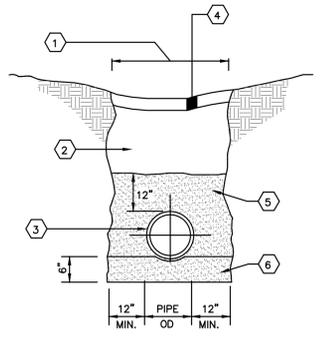
**BOLLARD**  
N.T.S.



**WYE CONNECTION**  
N.T.S.

**KEYED NOTES**

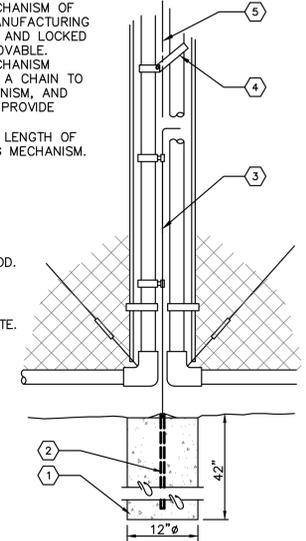
- 1 EXCAVATE WIDTH OF TRENCH AS NEEDED
- 2 PLACE ODOT 304 BACKFILL IN 6" MAX. LIFTS COMPACTED TO 98% MIN. DRY DENSITY, PER ASTM D698, GRANULAR BACKFILL SHALL BE COMPACTED TO 80% UNDER PAVEMENT RELATIVE DENSITY, PER ASTM 4353.
- 3 PROPOSED STORM OR SANITARY SEWER
- 4 TOPSOIL, SEED, AND MULCHING OR PAVEMENT AS DETAILED ELSEWHERE.
- 5 NO. 57 OR NO. 67 AGGREGATE PLACED A MINIMUM OF 12" ABOVE THE TOP OF THE PIPE
- 6 NO. 57 OR NO. 67 AGGREGATE PLACED A MINIMUM OF 6" BELOW THE BOTTOM OF THE PIPE



**SEWER TRENCH**  
N.T.S.

**DROP ROD NOTES:**

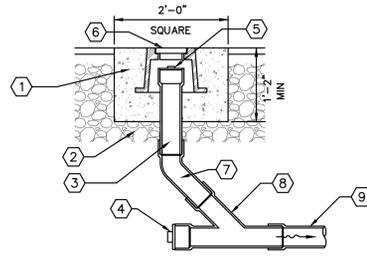
- 1. THE DROP ROD AND LOCKING MECHANISM OF THE GATE SHALL BE OF SUCH MANUFACTURING THAT WHEN THE GATE IS CLOSED AND LOCKED THE DROP ROD SHALL NOT BE MOVABLE.
- 2. THE DROP ROD AND LOCKING MECHANISM SHALL HAVE THE CAPACITY FOR A CHAIN TO BE USED AS THE LOCKING MECHANISM, AND LOCKS TO BE DAISY CHAINED TO PROVIDE MULTIPLE ACCESS TO FIELD.
- 3. CONTRACTOR SHALL PROVIDE 24" LENGTH OF CHAIN TO SERVE AS THE LOCKING MECHANISM.



**DROP ROD DETAIL**  
N.T.S.

**KEYED NOTES**

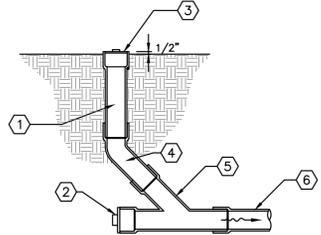
- 1 CONCRETE, MATCH PAVEMENT SPEC.
- 2 6" (MIN.) AGGREGATE BASE
- 3 6" DIA. CLEAN-OUT PIPE
- 4 CAP AND SEAL CONDUIT
- 5 THREADED CLEAN-OUT CAP
- 6 CAST-IRON MONUMENT BOX, EJIW 1565 OR APPROVED EQUAL
- 7 45° BEND
- 8 WYE
- 9 SEWER



**CLEAN OUT (PAVEMENT AREA)**  
N.T.S.

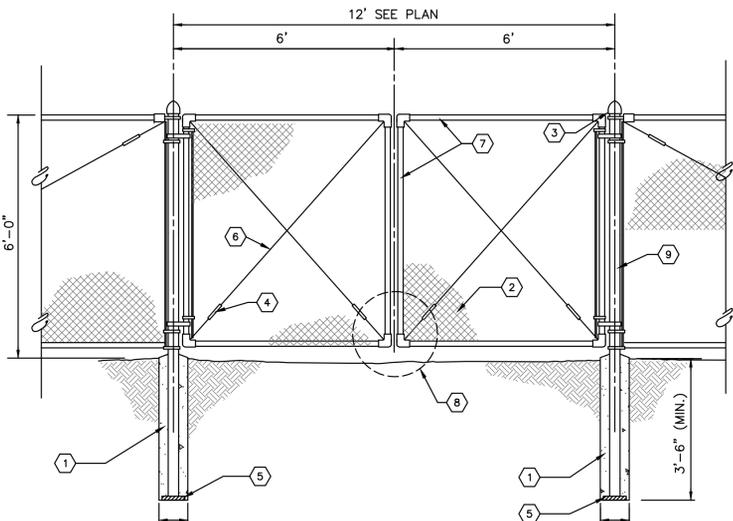
**KEYED NOTES**

- 1 6" DIA. CLEAN-OUT PIPE
- 2 CAP AND SEAL CONDUIT
- 3 THREADED CLEAN-OUT CAP
- 4 45° BEND
- 5 WYE
- 6 SEWER



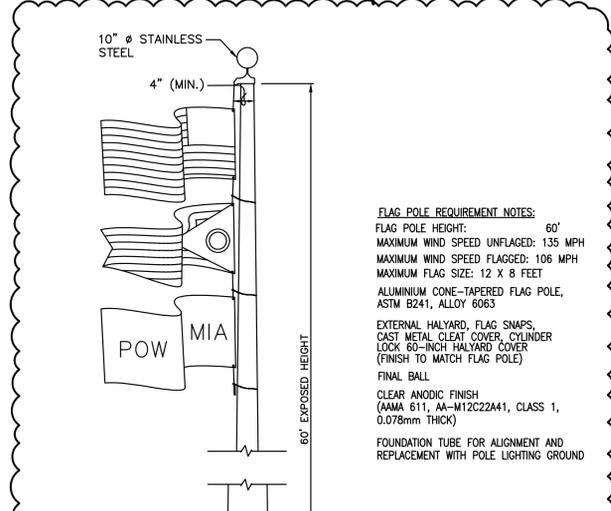
**CLEAN OUT (LAWN AREA)**  
N.T.S.

- 1 4,500 PSI CONCRETE.
- 2 1" GALVANIZED PIPE FOR DROP ROD.
- 3 DROP ROD.
- 4 GALVANIZED STEEL GATE LATCH.
- 5 CENTERLINE OF DOUBLE SWING GATE.

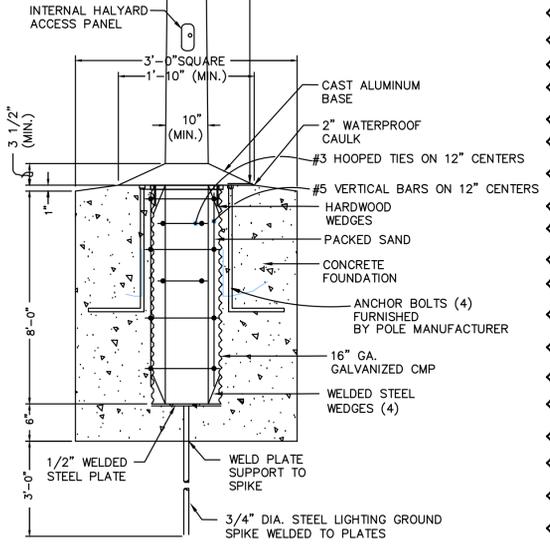


**DOUBLE LEAF GATE DETAIL**  
N.T.S.

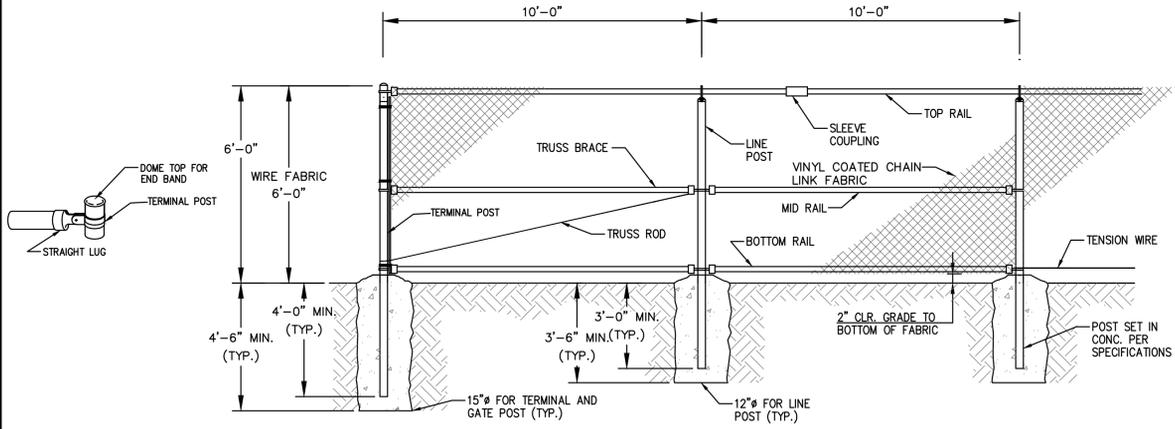
- 1 4,500 PSI CONCRETE.
- 2 2" MESH POLYMER COATED CHAIN LINK FENCE FABRIC WIRE GAUGE: 6 GA FOR 8'H FENCE & 9 GA FOR 4'H AND 6'H FENCES.
- 3 POST CAP.
- 4 TURN BUCKLE
- 5 LEVELING BRICK
- 6 DIAGONAL BRACING
- 7 GATE FRAME MEMBER 1 5/8" O.D.
- 8 SEE DROP ROD DETAIL THIS SHEET.
- 9 6" SCHEDULE 40 PIPE



- FLAG POLE REQUIREMENT NOTES:**  
 FLAG POLE HEIGHT: 60'  
 MAXIMUM WIND SPEED UNFLAGGED: 135 MPH  
 MAXIMUM WIND SPEED FLAGGED: 106 MPH  
 MAXIMUM FLAG SIZE: 12 X 8 FEET  
 ALUMINUM CONE-TAPERED FLAG POLE, ASTM B241, ALLOY 6063  
 EXTERNAL HALYARD, FLAG SNAPS, CAST METAL CLEAT COVER, CYLINDER LOCK 60-INCH HALYARD COVER (FINISH TO MATCH FLAG POLE)  
 FINAL BALL  
 CLEAR ANODIC FINISH (AAMA 611, AA-M12C22M41, CLASS 1, 0.078mm THICK)  
 FOUNDATION TUBE FOR ALIGNMENT AND REPLACEMENT WITH POLE LIGHTING GROUND

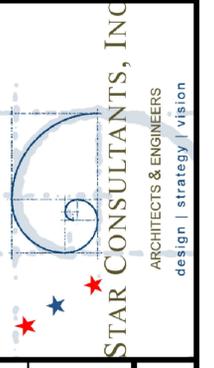


**FLAG POLE**  
N.T.S.



**6' CHAIN LINK FENCE DETAIL**  
N.T.S.

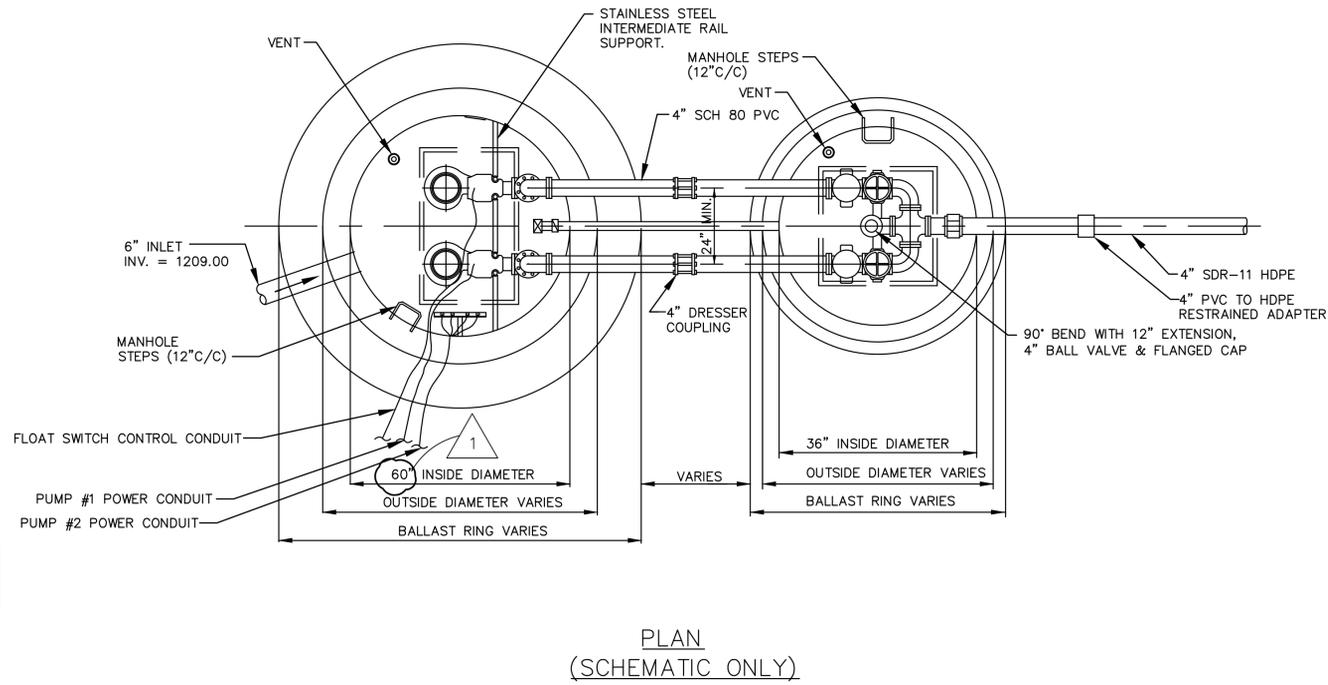
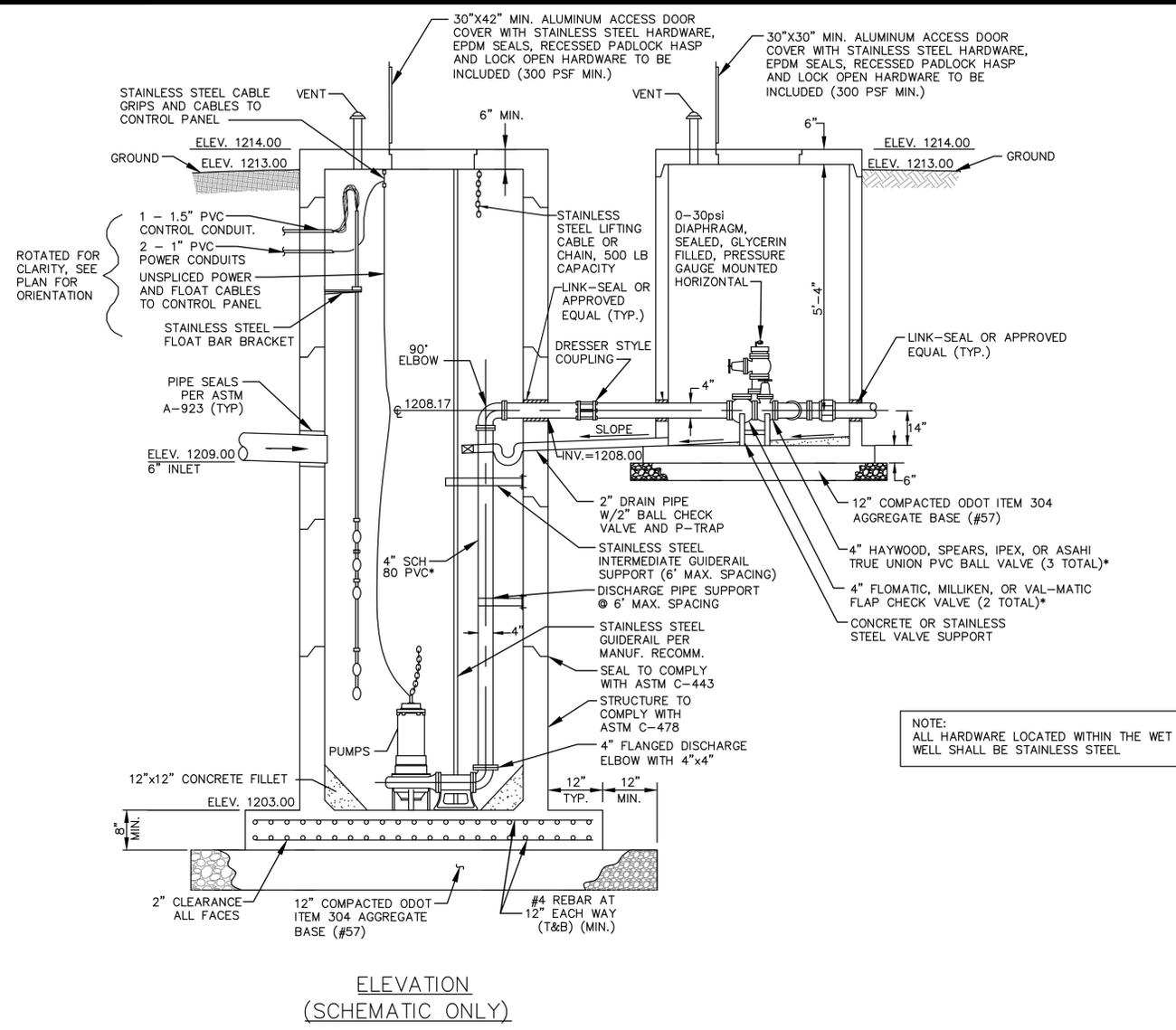
REV#	DATE	REVISIONS
00	02/04/2026	BID SET
01	02/25/2026	ADDENDUM 1



OHIO DEPARTMENT OF TRANSPORTATION  
**FACD08 RESTROOMS AT PREBLE TRUCK PARKING**  
 170 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY

PJT#:	25009
DATE:	10/24/2025
DRN. BY:	OS
DGN. BY:	AM
REV. BY:	AA

SHEET  
**C.116**



**SPECIFICATIONS:**

EXCEL FLUID GROUP FACTORY OR APPROVED EQUAL ASSEMBLED AND TESTED SUBMERSIBLE FIBERGLASS PUMP STATION, MODEL # EX-FGSA2P48X120ZSGV. PREBLE TRUCK RESTROOMS, VALVE VAULT/ PIT: 7 FT. DEEP WITH (4) FLOAT W/ HIGH ALARM, & ALTERNATION FLOW: 2500 GPD. PEAK FLOW ( PEAK FACTOR 4): 10,000 GPD. PEAK FLOW PER MINUTE: 6.94 GPM (USE 7 GPM). PUMP CAPACITY (FACTOR 1.5): 10.5 GPM. WET WELL VOLUME (DESIGN FOR 8 TO 12 PUMP CYCLE/ HOUR). USE 10 CYCLE/ HOUR: 6 MINUTES/ CYCLE. USE 8 FT. DEPTH BY 3 FT. DIA. WET WELL GOOD FOR 250 GALLONS. GRINDER PUMP. FORCE MAIN: 4". CONTROL SYSTEM: CONTROL PANEL: NEMA 4X ENCLOSURE, 3 PHASE, 4 FLOAT SWITCHES. THE ELECTRICAL DATA IS: 208/3/60.

**FIBERGLASS WET WELL:**  
**FIBERGLASS WET WELL (1)**  
 FIBERGLASS WET WELL, 36" DIA. X 11' (132") DEEP, WITH ANTI-FLOATATION FLANGE AND LIFTING LUGS

**INTEGRATED VALVE VAULT (1)**  
 FIBERGLASS INTEGRATED VALVE VAULT, 36" DIA. X 7' (84") DEEP, WITH DRAIN, AND LIFTING LUGS

**PUMP STATION COVER & HATCH (1)**  
 ALUMINUM WET WELL COVER WITH ACCESS HATCHES, INCLUDES DROP HANDLE, SS HARDWARE, RECESSED LOCKING CAPABILITY, PEDESTRIAN LOAD RATED

**HOIST (1)**  
 STAINLESS STEEL LIFTING HOIST FOR SERVICING PUMPS INCLUDING SOCKET

**INLET HUB (1)**  
 INLET HUB FITTING - SHIPPED LOOSE FOR FIELD INSTALLATION

**SUBMERSIBLE SEWAGE GRINDER PUMPS:**  
**SUBMERSIBLE GRINDER PUMPS (2)**  
 BARNES SUBMERSIBLE GRINDER PUMPS, 2 HP, 208 VOLT, 3 PH, 3450 RPM, 30 FT. POWER CORD, DUCTILE IRON VORTEX IMPELLER, MECHANICAL SEAL, STAINLESS STEEL SHAFT

**PUMP MOUNTING AND REMOVAL SYSTEM (FACTORY INSTALLED)**  
**MOUNTING & REMOVAL SYSTEM (2)**  
 BASE ELBOW ASSEMBLY, DUCTILE IRON BASE, INCLUDES MOVEABLE SLIDE BRACKET, UPPER GUIDE RAIL BRACKET,

**GUIDE RAILS (4)**  
 STAINLESS STEEL GUIDE RAILS

**LIFTING (2)**  
 STAINLESS-STEEL LIFTING CHAIN

**ELECTRICAL CONTROL COMPONENTS:**  
**DUPLIX CONTROL PANEL (1)**

- **DUPLIX THREE PHASE 208VAC**
- **NEMA 4X RATED ENCLOSURE: HEAVY DUTY STAINLESS STEEL WITH STAINLESS STEEL LOCKABLE LATCHES**
- **PUMP CONTROL VISIBLE INDICATORS: PUMP HAND-OFF-AUTO (H.O.A.) SWITCH(ES), GREEN PUMP RUN LIGHT, RED PUMP FAULT LIGHT WITH RESET BUTTON AND POWER ON LIGHT**
- **ALARM VISIBLE INDICATORS: RED BEACON ALARM LIGHT, ALARM TEST AND SILENCE BUTTONS**
- **ALARM HORN SOUNDS AT 85 DECIBELS AT 10 FEET**
- **REMOTE MONITORING BY DRY CONTACTS: HIGH LIQUID, PUMP FAULT, PUMP RUN(S)**

**CONTROL PANEL STAND (1)**  
 CONTROL PANEL STAND, 304SS CONSTRUCTION, HINGED ACCESS DOOR W/ LOCKABLE HASPS, BUILT-IN CABLE HOOKS & SCREENED VENT

**LEVEL CONTROL DEVICE (FACTORY INSTALLED):**  
**LEVEL CONTROL ASSEMBLY (1)**  
 4 LEVEL CONTROL FLOATS WITH 30' LONG FLOAT CORDS, STAINLESS STEEL FLOAT BRACKET & STAINLESS STEEL MOUNTING HARDWARE

**WETWELL & VALVE VAULT PIPING & VALVES (FACTORY INSTALLED)**  
**PUMP STATION PIPING (1)**  
 WETWELL DISCHARGE PIPE & FITTINGS, ALL 4" SCH80 PVC WITH GASKETS & STAINLESS STEEL FASTENERS INCLUDES: BYPASS, CAMLOCK CONNECTION, PIPE SUPPORTS.

**CHECK VALVES (2)**  
 4" CHECK VALVES

**GATE VALVES (3)**  
 4" SHUT OFF VALVES

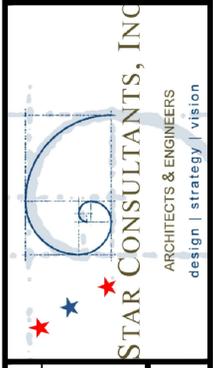
**CONTRACTOR SHALL PROVIDE ADMINISTRATIVE & PROJECT MANAGEMENT SERVICES:**

- DETAILED PRODUCT SUBMITTALS, DRAWINGS & BILL OF MATERIALS
- IOM MANUALS & AS-BUILT DRAWINGS
- PUMP STATION START-UP & TRAINING SERVICES

**PUMP STATION NOTES & EXCEPTIONS:**

- ALL ITEMS NOT IDENTIFIED IN THIS SCOPE OF SUPPLY ARE BY OTHERS.
- ALL COMPONENTS INSIDE WETWELL & VALVE VAULT TO BE INSTALLED BY CONTRACTOR.
- ELECTRICAL CONDUIT CONNECTION BETWEEN WETWELL & CONTROL PANEL BY OTHERS.
- FIBERGLASS PUMP STATION IS DELIVERED. UNLOADING ON-SITE & INSTALLED IN EXCAVATION BY OTHERS.
- ELECTRIC SERVICE TO DISCONNECT OR SERVICE HOOKUP IS BY OTHERS.
- STARTUP SERVICES ARE ESTIMATED AT NOT TO EXCEED ONE (8HR) DAY.

REV#	DATE	REMARKS
00	02/04/2026	BID SET
01	02/25/2026	ADDENDUM 1



OHIO DEPARTMENT OF TRANSPORTATION

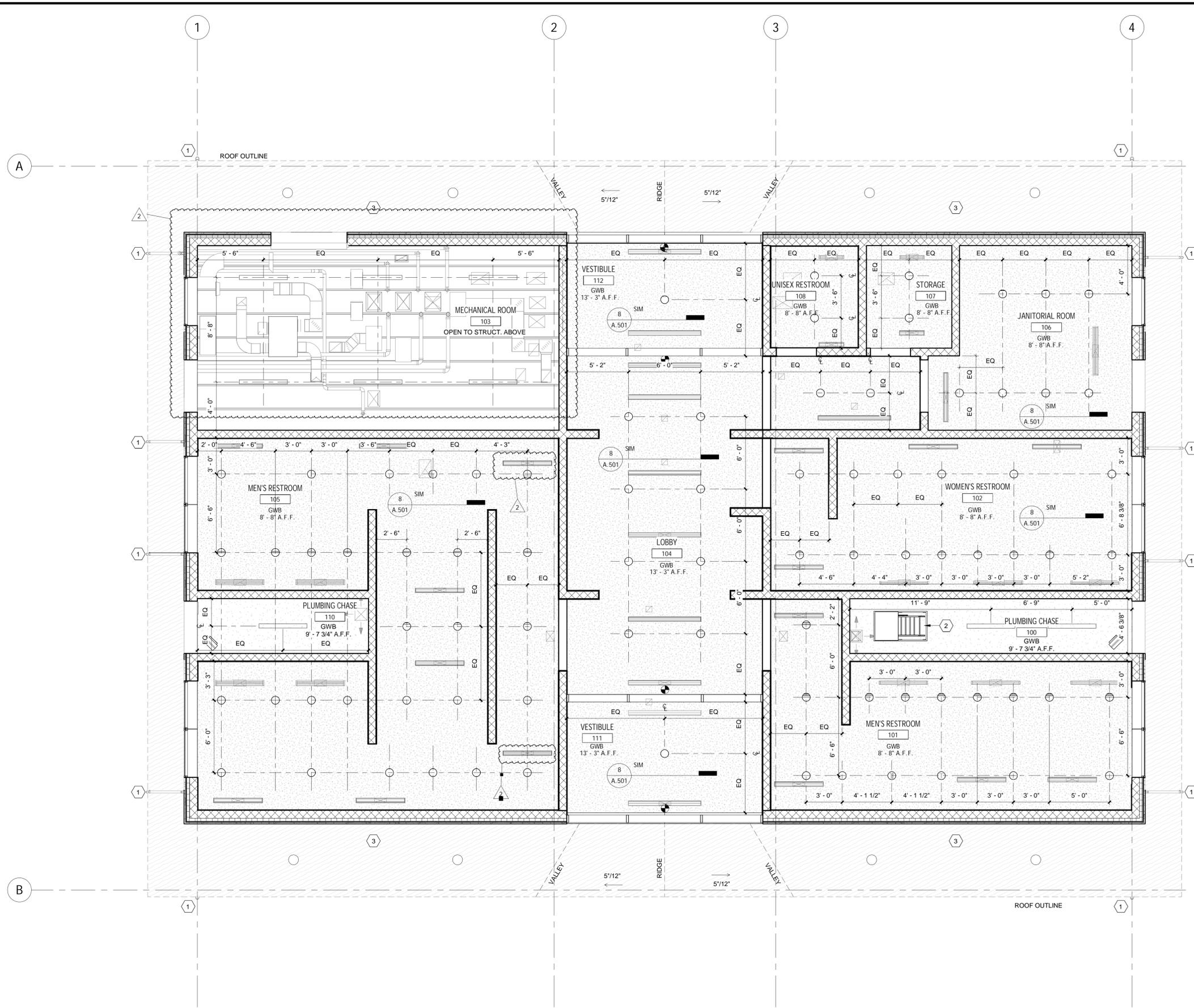
**FACD08 RESTROOMS AT PREBLE TRUCK PARKING**

170 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY

**PROPOSED LIFT STATION DETAIL**

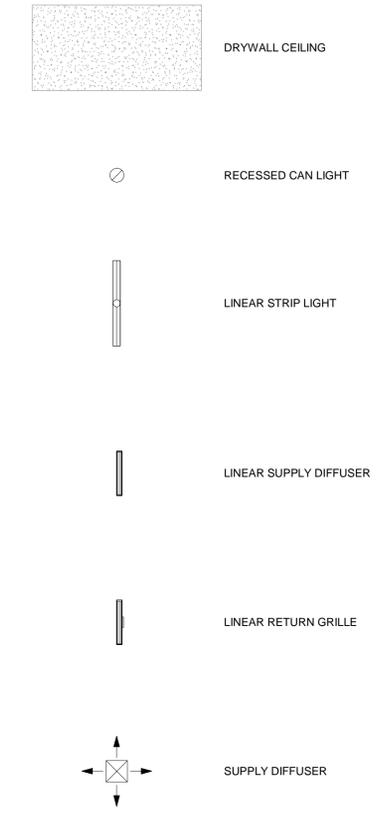
PJT #:	25009
DATE:	10/24/2025
DRN. BY:	MS
DGN. BY:	AM
REV. BY:	AA

SHEET  
**C.117**

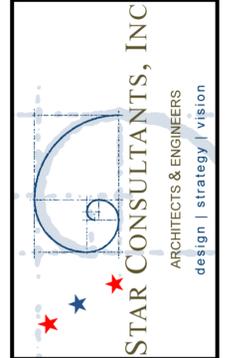
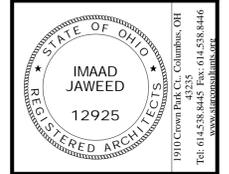


- REFLECTED CEILING PLAN GENERAL NOTES**
- ALL CEILING HEIGHTS ARE FROM FINISH FLOOR U.O.N.
  - ALL NEW SWITCHES TO BE MOUNTED 4'-0" A.F.F. (U.O.N.) TO CENTER LINE OF SWITCH. MULTIPLE SWITCHES/DIMMERS TO BE GANGED & PROVIDED WITH SINGLE GANG PLATE.
  - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
  - DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE U.O.N.
  - THE CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING HEIGHTS AND CONDITIONS FOR CLEARANCE OF MECHANICAL UNITS, DUCTWORK, PIPING, LIGHT FIXTURES, ETC. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY COMPLICATIONS WITH HEIGHT PRIOR TO START OF CONSTRUCTION.
  - SEE ELECTRICAL DRAWINGS FOR ALL LIGHT FIXTURE CIRCUITING, SWITCHING AND RELATED WORK AND FOR QUANTITIES OF ALL CEILING DIFFUSERS, DUCTWORK LAYOUTS.
  - PROVIDE AND INSTALL APPROPRIATE LAMPS AS REQ'D BY SPECIFIED LIGHT FIXTURES.
  - PROVIDE MOISTURE RESISTANT GWB IN RESTROOMS, JANITOR CLOSETS AND OTHER WET OR DAMP LOCATIONS.

- CODED NOTES**
- DOWNSPROUTS
  - ROOF ACCESS LADDER
  - SOFFIT MATERIAL (MEDIUM DENSITY PRE-FINISHED FIBER CEMENT COMPOSITE BOARD) SIZE (24" X 96") THICKNESS (1/2") FINISH (BEADBOARD) COLOR (FACTORY APPLIED PRIMER & PAINT) REFER TO DETAIL 6 ON SHEET A.500.



REV.	DATE	REMARKS
02	04/2026	BID SET
02	25/2026	ADDENDUM 1



OHIO DEPARTMENT OF TRANSPORTATION  
 FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
 I-70 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY  
 REFLECTED CEILING PLAN

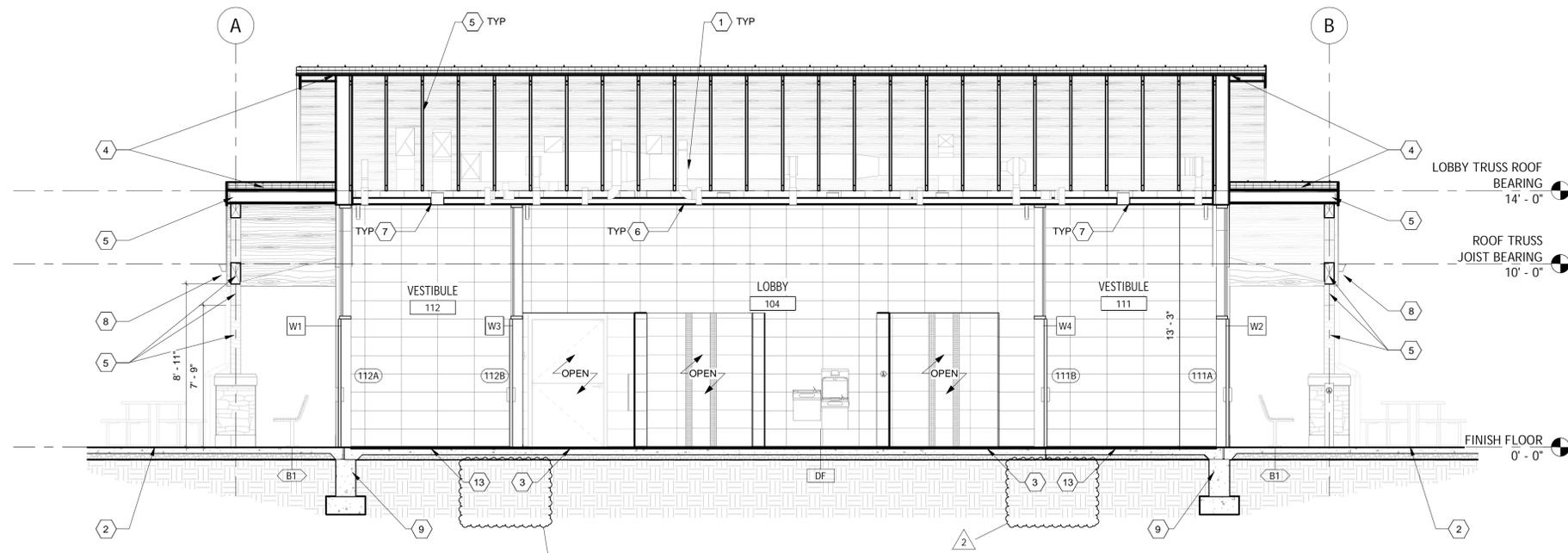
PJT #:	250009
DATE:	10/29/2025
DRN. BY:	DAZ
DGN. BY:	DAZ
REV. BY:	AA

SHEET  
**A.102**



1 REFLECTED CEILING PLAN  
 1/4" = 1'-0"

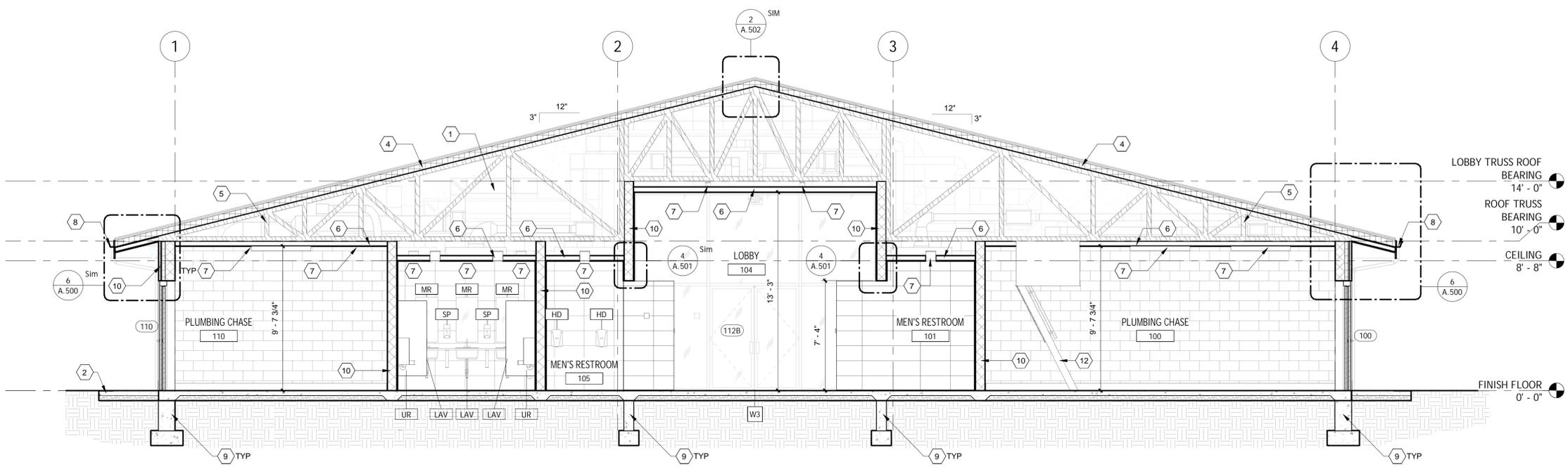
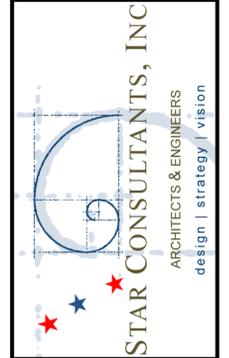
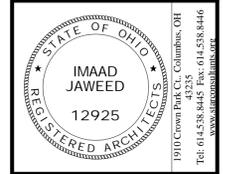
REFLECTED CEILING PLAN LEGEND  
 1/4" = 1'-0"



1 BUILDING SECTION - LOBBY  
1/4" = 1'-0"

- BUILDING SECTION CODED NOTES**
- MECHANICAL EQUIPMENT. SEE MECHANICAL DWGS FOR MORE INFORMATION
  - FINISHED GRADE, AS OCCURS
  - CONCRETE FLOOR, REFER TO STRUCTURAL DRAWINGS
  - ROOF, AS OCCURS
  - STRUCTURAL MEMBER, TYP, REFER TO STRUCTURAL DRAWINGS
  - CEILING, REFER TO CEILING PLAN
  - LIGHTING, REFER TO ELECTRICAL PLANS
  - GUTTER, REFER TO ROOF PLAN
  - FOUNDATION AND FOOTER, REFER TO STRUCTURAL PLANS
  - WALL, AS OCCURS, REFER TO DIMENSIONED FLOOR PLAN WALL TYPE SCHEDULE
  - VENDING ALCOVE WALL
  - ATTIC ACCESS LADDER
  - DEPRESS SLAB 3/4" FOR WALK OFF MAT INSTALLATION

REV.	DATE	REMARKS
02	04/2026	BID SET
02	25/2026	ADDENDUM 1



2 BUILDING SECTION - ROOMS  
1/4" = 1'-0"

OHIO DEPARTMENT OF TRANSPORTATION  
 FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
 I-70 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY  
 BUILDING SECTIONS

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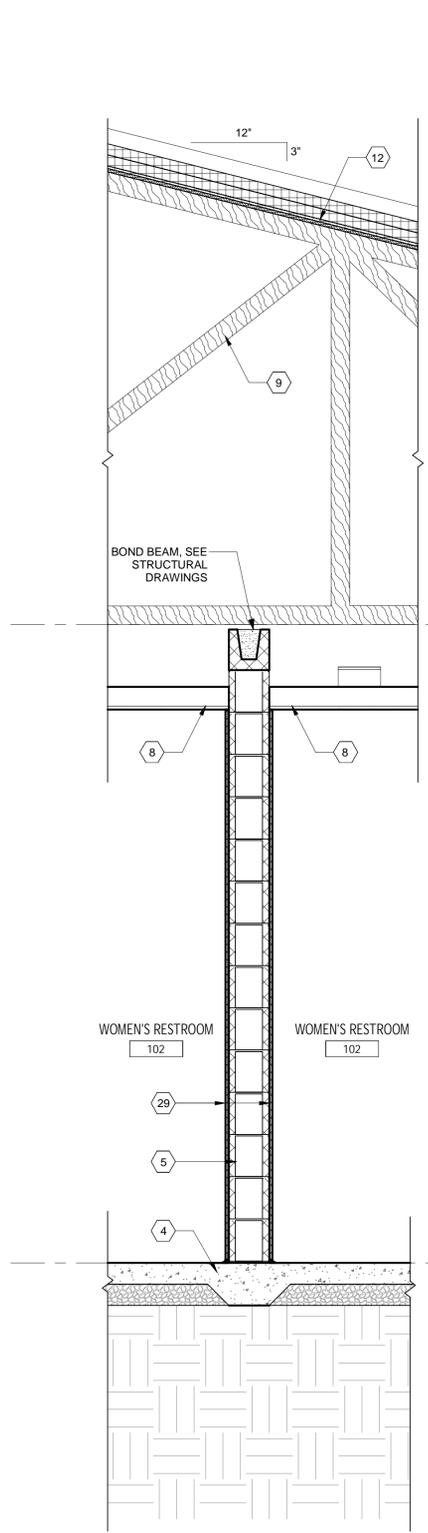
SHEET  
**A.300**

**CODED NOTES**

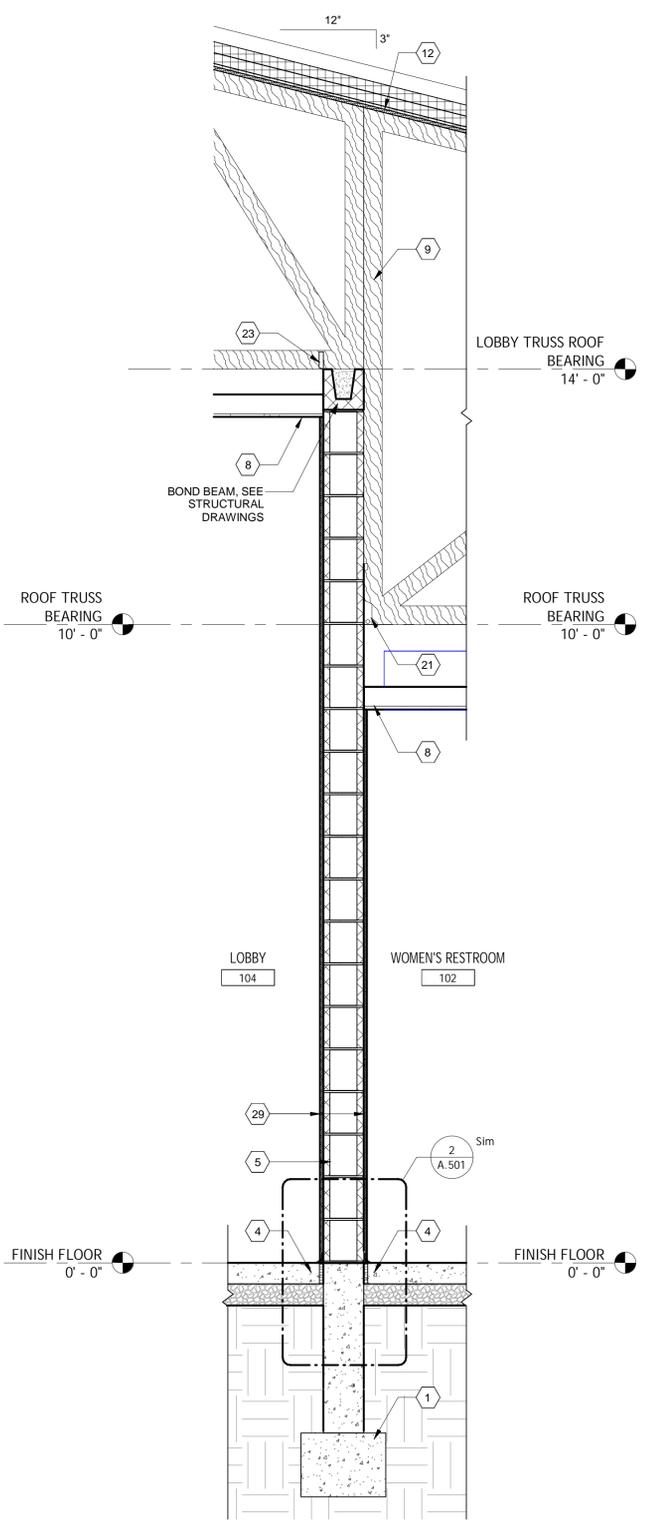
1. CONCRETE FOUNDATION AND FOOTER, REFER TO STRUCTURAL.
2. CONTINUOUS FOUNDATION INSULATION, MIN. 2'-0" BELOW SLAB.
3. FINISH GRADE, REFER TO CIVIL.
4. CONCRETE SLAB OVER 10 MIL VAPOR BARRIER AND AGGREGATE BASE. TURN SLAB DOWN TO TOP OF FOOTINGS AT OPENINGS. REFER TO FLOOR PLANS FOR SLOPE AND ELEVATION, REFER TO STRUCTURAL FOR CONSTRUCTION DETAILS.
5. 8" CMU WALL, REFER TO WALL SCHEDULE FOR ADDITIONAL INFORMATION.
6. ROOF FLASHING AND DRIP EDGE
7. 8" METAL STUD WITH 3" RIGID INSULATION, 3/4" EXTERIOR SHEATHING, BUILDING WRAP AND HORIZONTAL SIDING, REFER TO WALL SCHEDULE FOR ADDITIONAL INFORMATION.
8. COMPOUND GWB CEILING, REFER TO REFLECTED CEILING PLAN
9. ROOF TRUSS (REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION).
10. STEEL BEAM (REFER TO STRUCTURAL DRAWINGS), WITH MECHANICALLY FASTENED 2x MEMBERS TOP AND BOTTOM WRAPPED IN 1x HARD WOOD WITH MITERED CORNERS TO MIMIC 6 1/2"x14" SOLID WOOD BEAM
11. STANDING SEAM ROOF (PORCH COVER)
12. 5/8" EXTERIOR SHEATHING, VAPOR BARRIER, HIGH DENSITY COVER BOARD, R-24 POLYISO XPS RIGID INSULATION (2" LAYER AND NAILABLE 2" LAYER), MECHANICALLY FASTENED TO SUBSTRATE, HIGH-TEMP SELF-ADHERED ICE/WATER SHIELD, 24 GA, 12" STANDING SEAM METAL ROOF
13. GUTTER AND DRIP EDGE
14. FIBER CEMENT FASCIA & 1x10 SUB FASCIA
15. 2 X 10 @ 16" O.C ROOF RAFTER IN JOIST HANGER MECHANICALLY FASTENED TO LEDGER BOARD, MECHANICALLY FASTENED THROUGH WALL TO STUD

**CODED NOTES CONT'D**

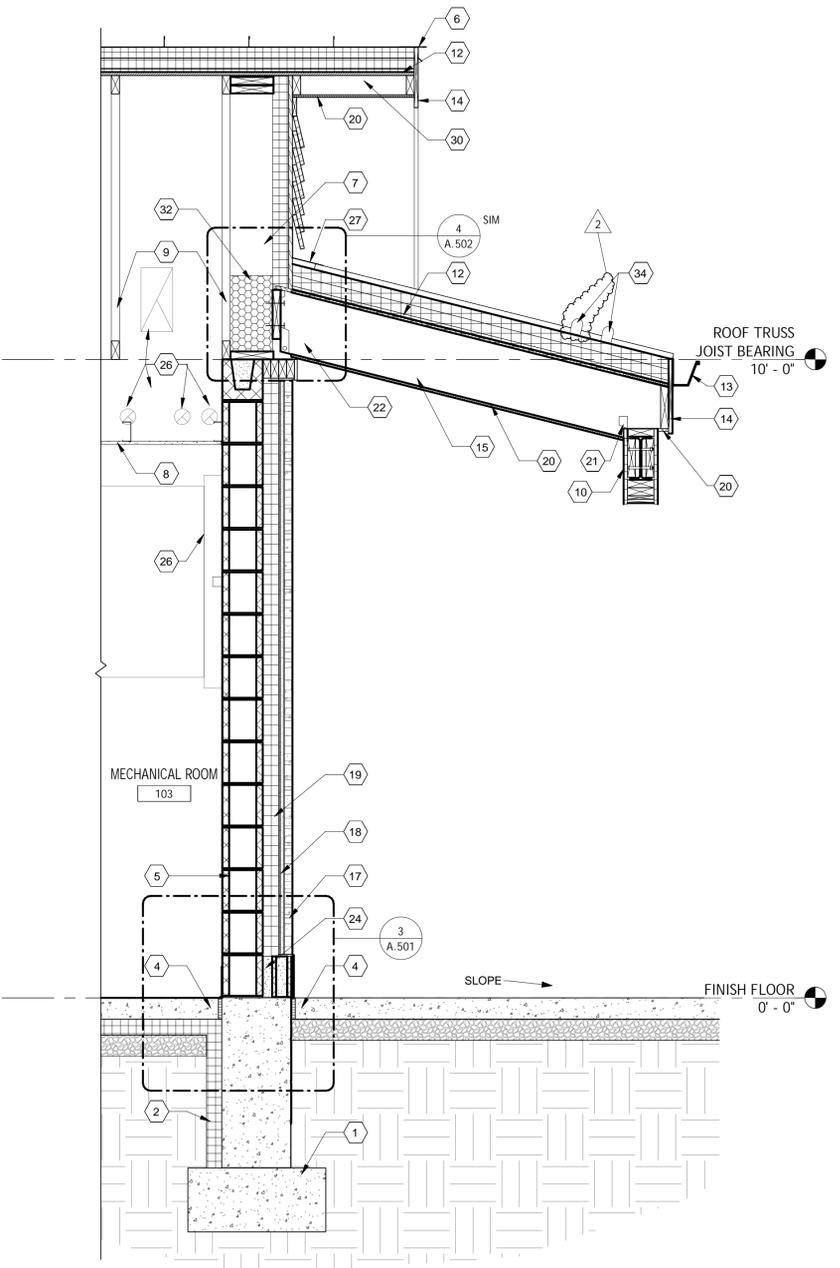
16. HORIZONTAL CLEARSTORY WINDOW
17. STONE VENEER OVER MORTAR BED, SCRATCH COAT AND METAL LATH.
18. 1/8" SURE CAVITY WIDE DRAINAGE MAT
19. 3" RIGID INSULATION, R-15 MIN., ADHESIVE APPLIED AND MECHANICALLY FASTENED TO CMU
20. 1/2" WOOD SOFFIT, STAINED TO MATCH WD-1
21. SIMPSON H3 HURRICANE TIE
22. SIMPSON LSSR SLOPEABLE RAFTER HANGER
23. SIMPSON HM9 HURRICANE TIE
24. GROUT ALL VOIDS SOLID.
25. 5/8" DRYWALL
26. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS
27. FLASHING
28. STEEL MEMBER (REFER TO STRUCTURAL DRAWINGS), WITH MECHANICALLY FASTENED 2x MEMBERS TOP AND BOTTOM WRAPPED IN 1x HARD WOOD WITH MITERED CORNERS TO MIMIC SOLID WOOD TRUSS
29. WALL FINISH WITH COVED BASE, REFER TO FINISH PLAN
30. 2x4 @ 24" O.C. RAKE LADDER
31. SIMPSON HUS28 HEAVY U SHAPED JOIST HANGER
32. FILL VOIDS IN EXTERIOR WALLS FULL OF SPRAY FOAM INSULATION
33. BOX BEAM, REFER TO STRUCTURAL DRAWINGS
34. SNOW GUARD, REFER TO ROOF PLAN
35. WOOD WRAPPED BEAM, TYP, REFER TO EXTERIOR DETAILS 1 ON SHEET A.302
36. WOOD WRAPPED COLUMN, TYP, REFER TO EXTERIOR DETAILS 1, 2, 4 & 5 ON SHEET A.500
37. STOREFRONT ENTRY, REFER TO INTERIOR ELEVATION 1 & 2 ON SHEET A.401
38. DEPRESS SLAB 3/4" FOR WALK OFF MAT INSTALLATION



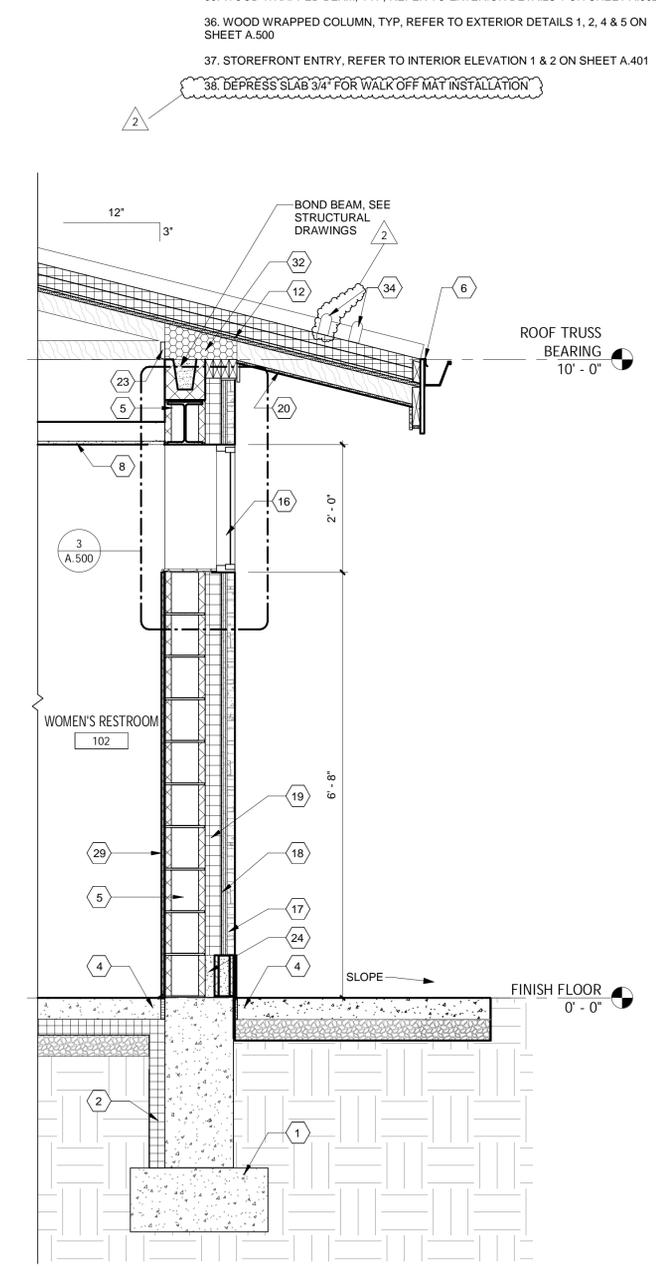
1 INTERIOR WALL SECTION  
3/4" = 1'-0"



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

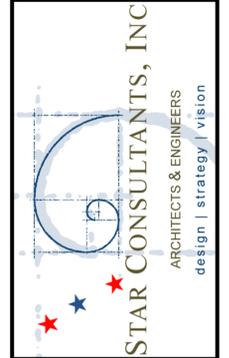
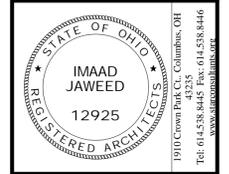


3 TYPICAL WALL SECTION  
3/4" = 1'-0"



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

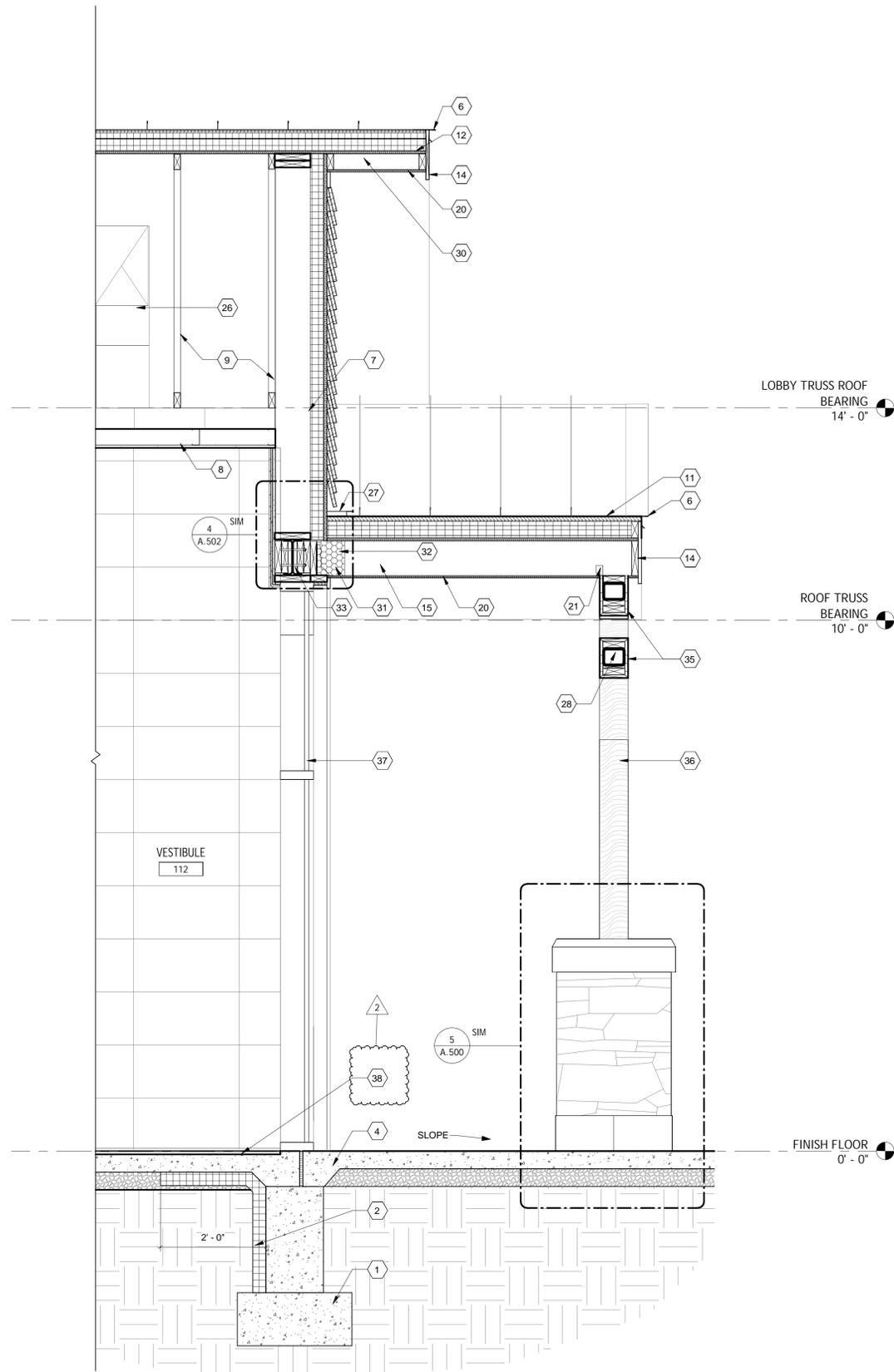
REV.	DATE	REMARKS
02	04/2026	BID SET
02	02/25/2026	ADDENDUM 1
2		



OHIO DEPARTMENT OF TRANSPORTATION  
 FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
 I-70 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY  
 WALL SECTIONS

PJT #:	250009
DATE:	10/29/2025
DRN. BY:	A.AHMED
DGN. BY:	DAZ
REV. BY:	AA

SHEET  
**A.301**



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

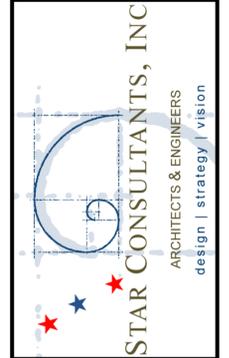
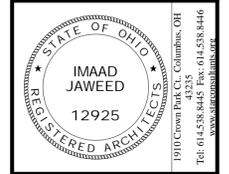
**CODED NOTES**

1. CONCRETE FOUNDATION AND FOOTER, REFER TO STRUCTURAL.
2. CONTINUOUS FOUNDATION INSULATION, MIN. 2'-0" BELOW SLAB.
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5. 8" CMU WALL, REFER TO WALL SCHEDULE FOR ADDITIONAL INFORMATION.
6. ROOF FLASHING AND DRIP EDGE
7. 8" METAL STUD WITH 3" RIGID INSULATION, 3/4" EXTERIOR SHEATHING, BUILDING WRAP AND HORIZONTAL SIDING, REFER TO WALL SCHEDULE FOR ADDITIONAL INFORMATION.
8. COMPOUND GWB CEILING, REFER TO REFLECTED CEILING PLAN
9. ROOF TRUSS, REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION.
10. STEEL BEAM ( REFER TO STRUCTURAL DRAWINGS ), WITH MECHANICALLY FASTENED 2x MEMBERS TOP AND BOTTOM WRAPPED IN 1x HARD WOOD WITH MITERED CORNERS TO MIMIC 6 1/2"x14" SOLID WOOD BEAM
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**CODED NOTES CONTD**

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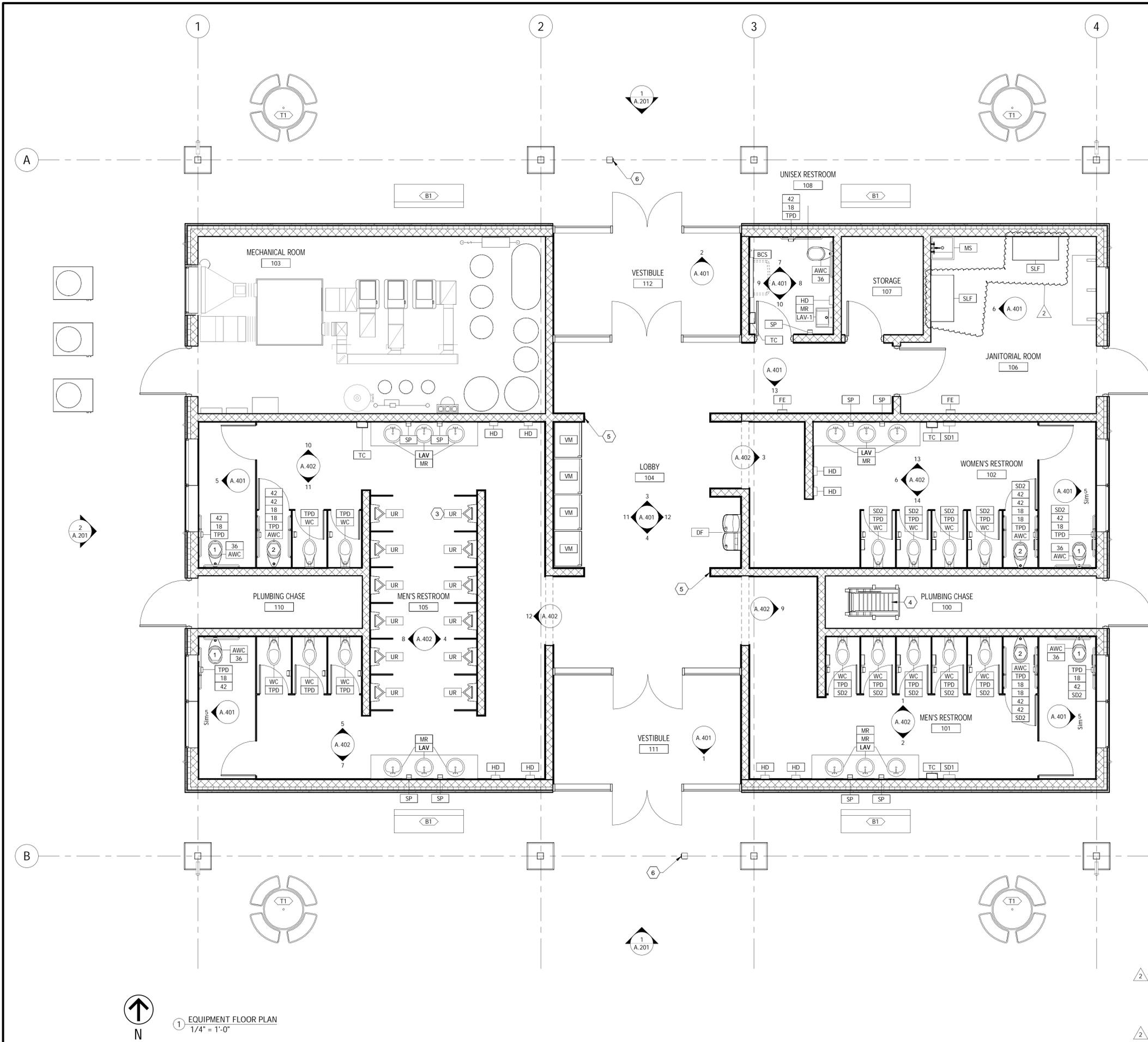
REV.	DATE	REMARKS
02	04/2026	BID SET
02	25/2026	ADDENDUM 1



OHIO DEPARTMENT OF TRANSPORTATION  
 FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
 I-70 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY  
 WALL SECTIONS

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DRN. BY:	A.AHMED
DGN. BY:	DAZ
REV. BY:	AA

SHEET  
**A.302**



- ACCESSIBILITY NOTES**
- TOILET FLUSH CONTROLS SHALL BE OPERABLE W/ ONE HAND & SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR THE FLUSH VALVES SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR, THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS/FT.
  - A CLEAR FLOOR SPACE 30" WIDE BY 48" LONG SHALL BE PROVIDED IN FRONT OF THE LAVATORY TO ALLOW A FORWARDS APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE & SHALL EXTEND INTO KNEE & TOE SPACE UNDERNEATH THE LAVATORY.
  - HOT WATER & DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACE UNDER LAVATORIES.
  - FAUCET CONTROLS & OPERATING MECHANISMS SHALL BE OPERABLE W/ ONE HAND & SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE THE CONTROLS SHALL BE NO GREATER THAN 5 LBS/FT. LEVER PUSH-TYPE & ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGN. SELF CLOSING VALVES ARE ALLOWED IF THE FAUCETS REMAIN OPEN FOR AT LEAST 10 SECONDS.
  - FLUSH HANDLES SHALL BE ON THE WIDE SIDE OF ROOM IN ALL TOILET ROOMS.
  - THE REFLECTIVE SURFACE OF THE MIRRORS SHALL BE MOUNTED W/ BOTTOM EDGE NOT MORE THAN 40" FROM THE FLOOR.
  - LOCATE TOILET TISSUE DISPENSERS ON THE WALL WITHIN 12" OF THE FRONT EDGE OF THE TOILET SEAT.
  - GRAB BARS, FASTENERS & MOUNTING DEVICES SHALL BE DESIGNED FOR 250 LBS./LINEAR FT. LOAD.
  - ALL GYP. BD. @ WET WALLS SHALL BE WATER RESISTANT, FULL HEIGHT, TYPE IN ALL RESTROOMS.
  - REFER TO PLUMBING DRAWINGS FOR FULL FIXTURE INFORMATION.
  - THE CONTRACTOR SHALL PROVIDE AN ADA-APPROVED WALL SIGN FOR ALL OF THE TOILET ROOMS. THE SIGNS SHALL BE WALL-MOUNTED, CENTERED @ 5'-0" AFF. 1" LETTERS W/ CONTRASTING BACKGROUND. COLORS SHALL BE SELECTED FROM THE MANUFACTURER'S STANDARDS. SIGNS SHALL BE ENGRAVED STOCK, RADIUS CORNERS & UNFRAMED, FASTENED TO THE WALL AS RECOMMENDED BY THE MANUFACTURER.
  - CONTRACTOR SHALL OBTAIN A COMPLETE SET OF PLANS & BE FAMILIAR W/ THE ENTIRE PROJECT IN ORDER TO UNDERSTAND THE COMPLETE SCOPE OF THE PROJECT.
  - THE EQUIPMENT ROUGH-INS AS SHOWN ARE BASED UPON AVAILABLE INFORMATION. HOWEVER, IN SOME INSTANCES, THE OWNER OR SUPPLIER MAY SUBSTITUTE OR THE EQUIPMENT ITEM MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS W/ THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY ON THE CONTRACTOR.
  - PROVIDE SOLID IN-WALL BLOCKING AS REQUIRED FOR ALL TOILET ACCESSORIES & CASEWORK, METAL STUDS OR WOOD BLOCKING.
  - THE ACCESSIBILITY SHEET IN THIS SET SHALL TAKE PRECEDENT OVER ALL OTHER SHEETS. SEE ACCESSIBILITY SHEET IN THIS SET FOR ALL REQUIREMENTS.
  - REFER TO THE TYPICAL ADA STANDARDS SHEET FOR MOUNTING HEIGHT AND LOCATION DETAILS.
  - ACCESS PANELS TO ALLOW INSTALLATION OF WALL FINISH OVER FACE OF ACCESS PANEL.

- CODED EQUIPMENT NOTES:**
- ACCESSIBLE STALL, REFER TO TYPICAL ADA STANDARDS FOR MOUNTING HEIGHTS AND DETAILS.
  - AMBULATORY STALL, REFER TO TYPICAL ADA STANDARDS FOR MOUNTING HEIGHTS AND DETAILS.
  - ACCESSIBLE URINAL, REFER TO TYPICAL ADA STANDARDS FOR MOUNTING HEIGHTS AND DETAILS.
  - PULL DOWN ATTIC ACCESS STAIRS.
  - DOOR PUSH BUTTON MOUNTED ON WALL.
  - DOOR PUSH BUTTON MOUNTED ON POST.

**FURNITURE SCHEDULE**

TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL
B1	WOOD BENCH	CANTERBURY DESIGNS	BOHEMY BENCH
T1	ROUND METAL TABLE	LANDSCAPE FORMS	CAROUSEL

**PLUMBING FIXTURE SCHEDULE**

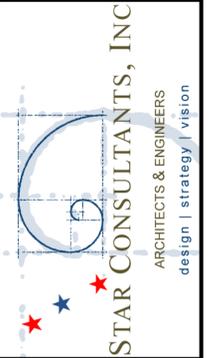
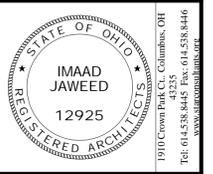
MARK	DESCRIPTION	MFR	MODEL	ACCESS PANEL	COMMENTS
AWC	ACCESSIBLE WATER CLOSET	AMERICAN STANDARD	2234.001	18"x18"	REFER TO PLUMBING DRAWINGS
DF	DRINKING FOUNTAIN WITH BOTTLE FILLER	ELKAY	LZSTLBWSSK	12"x12"	REFER TO PLUMBING DRAWINGS
LAV	LAVATORY	ZURN	Z5120	12"x12"	REFER TO PLUMBING DRAWINGS
LAV-1	WALL HUNG LAVATORY	AMERICAN STANDARD	9024.001TEC	12"x12"	REFER TO PLUMBING DRAWINGS
MS	MOP SINK	FIAT	MSB2424	12"x12"	REFER TO PLUMBING DRAWINGS
UR	URINAL	AMERICAN STANDARD	6506.011	12"x18"	REFER TO PLUMBING DRAWINGS
WC	STANDARD WATER CLOSET	AMERICAN STANDARD	3697001.020	18"x18"	REFER TO PLUMBING DRAWINGS

**RESTROOM ACCESSORIES SCHEDULE**

MARK	DESCRIPTION	MFR	MODEL
18	18" VERTICAL GRAB BAR	BOBRICK	B-6806x18
36	36" GRAB BAR	BOBRICK	B-6806x36
42	42" GRAB BAR	BOBRICK	B-6806x42
BCS	BABY CHANGING STATION	KOALA KARE	KB310-SSWM
HD	HAND DRYER	EXCEL DRYER	TA-ABS-110-120V 7-7.7A - 770-915W
MR	18"x36" MIRROR	BOBRICK	B-165 1836
SD1	SANITARY NAPKIN DISPENSER	BOBRICK	B-47069
SD2	SANITARY NAPKIN DISPOSAL	BOBRICK	B-254
SLF	SHelf	ULINE	H-2886
SP	SOAP DISPENSER	BOBRICK	B-2012
TC	TRASH CAN	BOBRICK	B-9279
TPD	TOILET PAPER DISPENSER	BOBRICK	B-6699
VM	VENDING MACHINE	BY OTHERS	UNDER SEPARATE CONTRACT

**REVISIONS**

REV.	DATE	REMARKS
1	02/04/2026	BID SET
2	02/25/2026	ADDENDUM 1



OHIO DEPARTMENT OF TRANSPORTATION  
 FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
 I-70 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY  
 EQUIPMENT FLOOR PLAN

PJT #: 250009  
 DATE: 10/29/2025  
 DRN. BY: DAZ  
 DGN. BY: DAZ  
 REV. BY: AA  
 SHEET  
**A.400**

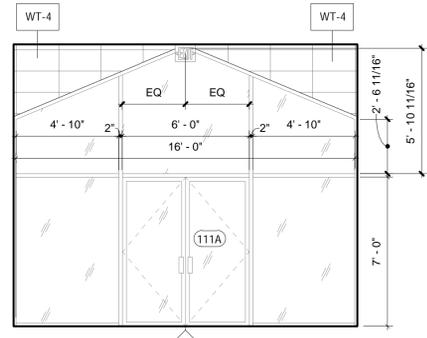
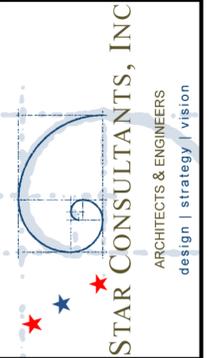
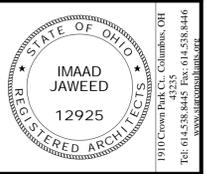


1 EQUIPMENT FLOOR PLAN  
1/4" = 1'-0"

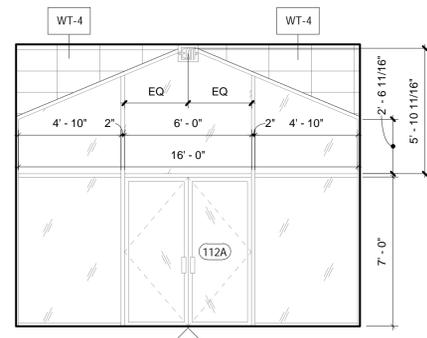
**CODED INTERIOR ELEVATION NOTES:**

1. ACCESSIBLE STALL, REFER TO TYPICAL ADA STANDARDS FOR MOUNTING HEIGHTS AND DETAILS.
2. AMBULATORY STALL, REFER TO TYPICAL ADA STANDARDS FOR MOUNTING HEIGHTS AND DETAILS.
3. ACCESSIBLE URINAL, REFER TO TYPICAL ADA STANDARDS FOR MOUNTING HEIGHTS AND DETAILS.
4. CENTER IN OPENING, NOT ON WALL.
5. COUNTERTOP SUPPORT BRACKET, TYP
6. PROVIDE PIPE WRAPS TO EXPOSED PIPES AT SINKS AND LAVATORIES
7. AUTOMATIC DOOR OPERATOR
8. REMOVABLE RESTROOM SIGNAGE
9. MOUNT BOTTOM OF MIRROR AT 39" A.F.F.

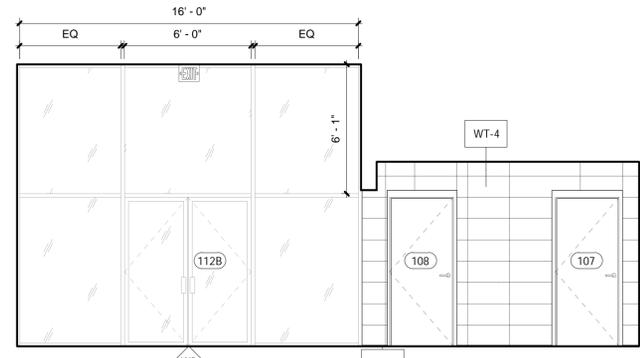
REV.	DATE	REMARKS
1	12/09/2025	A/HJ RESPONSE
2	02/04/2026	BID SET
2	02/25/2026	ADDENDUM 1



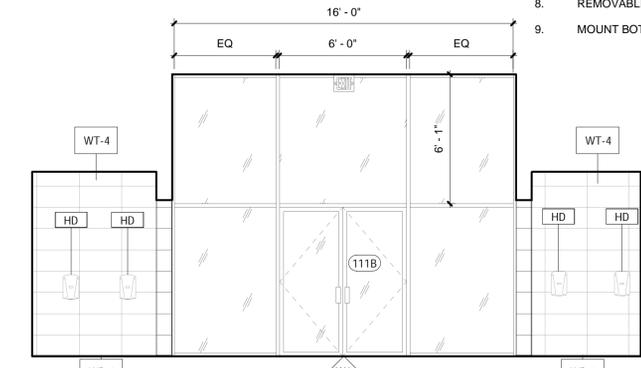
1 VESTIBULE 111 ELEVATION  
1/4" = 1'-0"



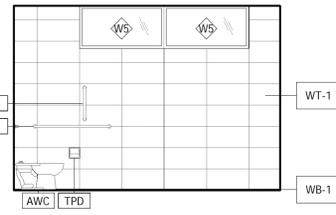
2 VESTIBULE 112 ELEVATION  
1/4" = 1'-0"



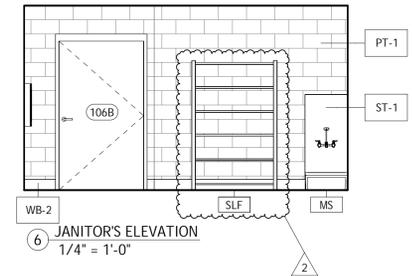
3 LOBBY NORTH ELEVATION  
1/4" = 1'-0"



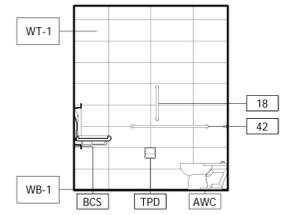
4 LOBBY SOUTH ELEVATION  
1/4" = 1'-0"



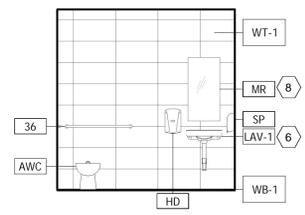
5 TYPICAL ACCESSIBLE STALL SIDEWALL  
1/4" = 1'-0"



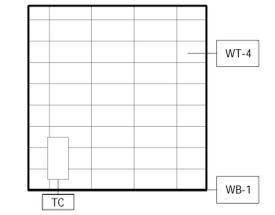
6 JANITOR'S ELEVATION  
1/4" = 1'-0"



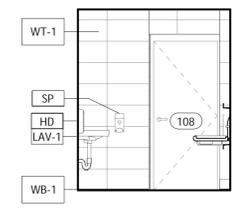
7 UNISEX RESTROOM 108 NORTH ELEVATION  
1/4" = 1'-0"



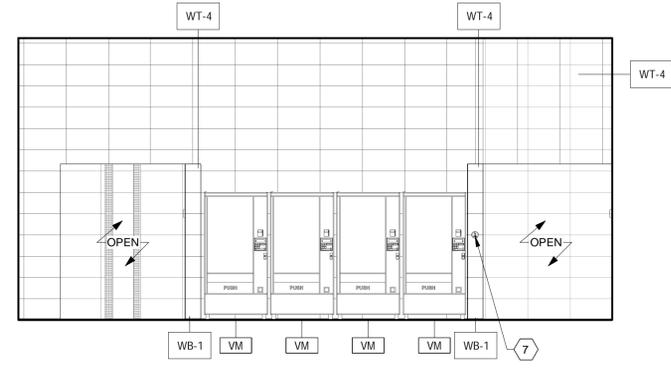
8 UNISEX RESTROOM 108 EAST ELEVATION  
1/4" = 1'-0"



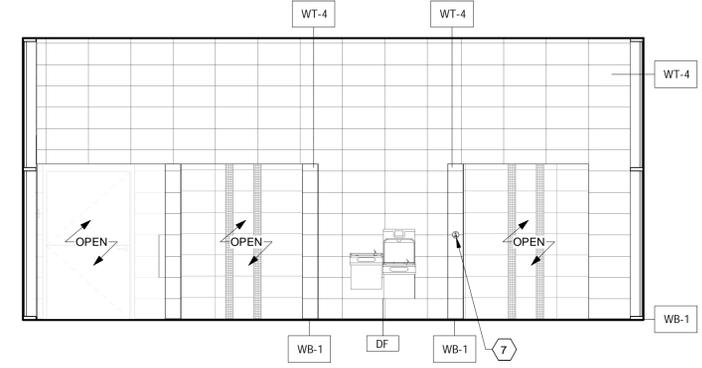
9 UNISEX RESTROOM 108 WEST ELEVATION  
1/4" = 1'-0"



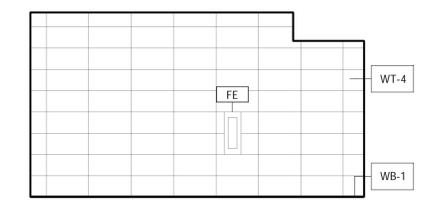
10 UNISEX RESTROOM 108 SOUTH ELEVATION  
1/4" = 1'-0"



11 LOBBY WEST ELEVATION  
1/4" = 1'-0"



12 LOBBY EAST ELEVATION  
1/4" = 1'-0"

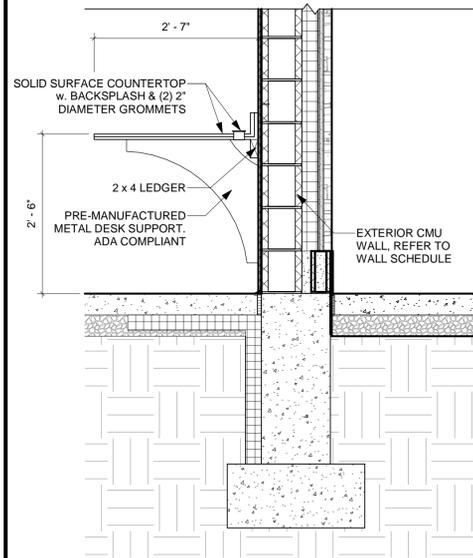


13 LOBBY ALCOVE ELEVATION  
1/4" = 1'-0"

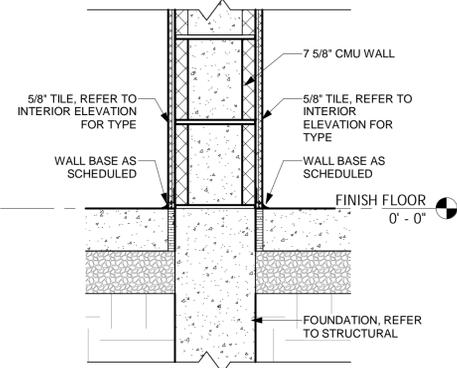
OHIO DEPARTMENT OF TRANSPORTATION  
 FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
 I-70 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY  
 INTERIOR ELEVATIONS

PJT #: 250009  
 DATE: 10/29/2025  
 DRN. BY: A.AHMED  
 DGN. BY: DAZ  
 REV. BY: AA

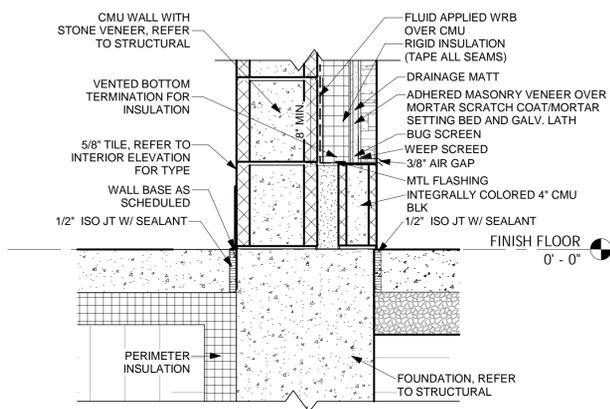
SHEET  
**A.401**



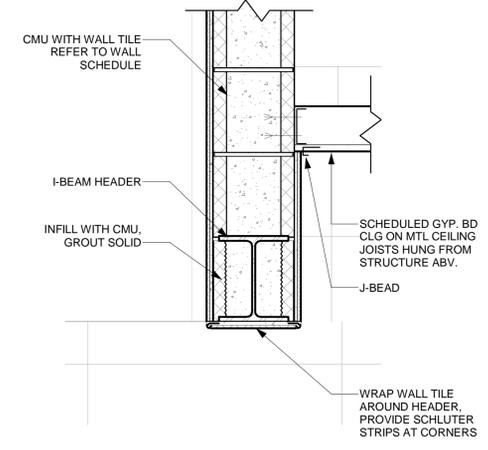
1 JANITOR'S COUNTERTOP WALL SECTION  
3/4" = 1'-0"



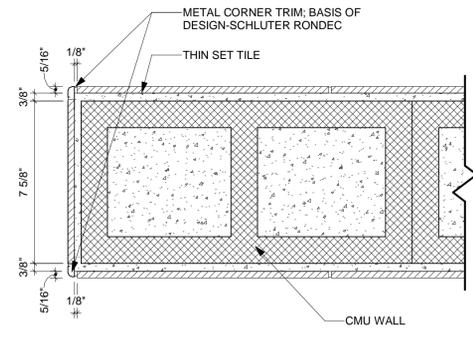
2 TYP INTERIOR WALL BASE DETAIL  
1 1/2" = 1'-0"



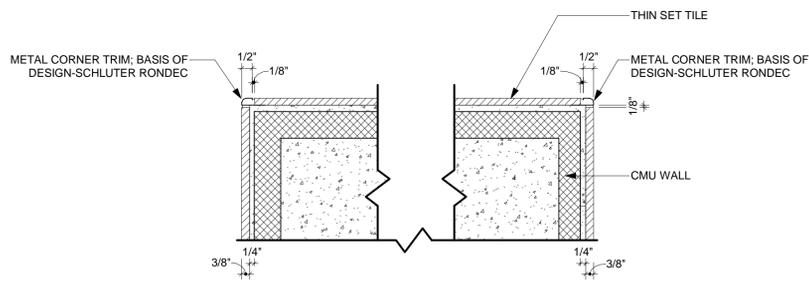
3 TYP EXTERIOR WALL BASE DETAIL  
1 1/2" = 1'-0"



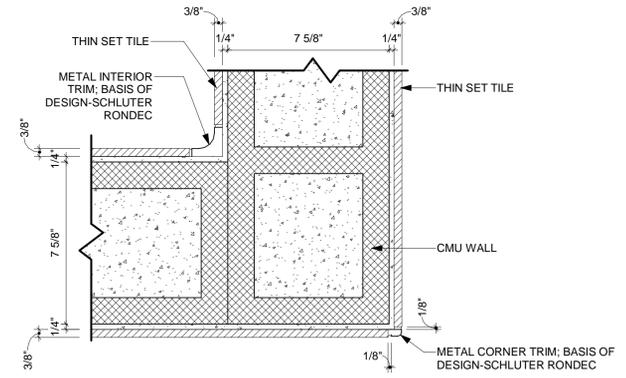
4 BULKHEAD DETAIL  
1 1/2" = 1'-0"



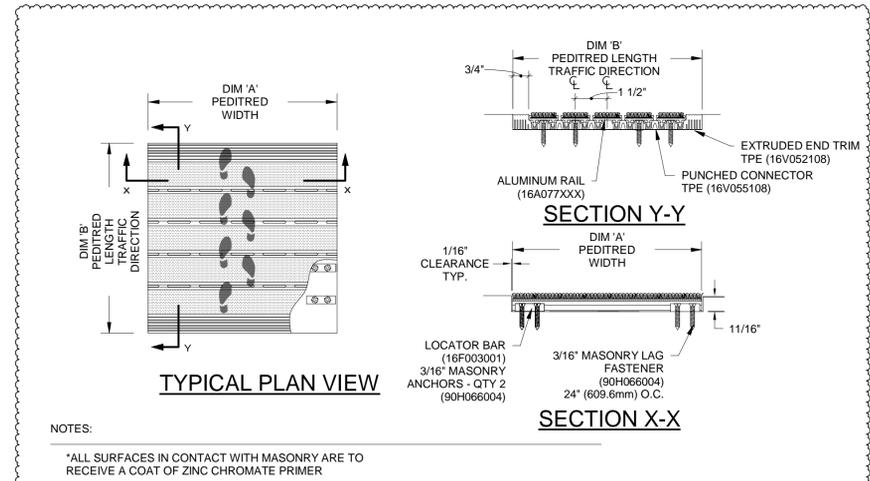
5 TYP CORNER TRIM TILE DETAIL  
3" = 1'-0"



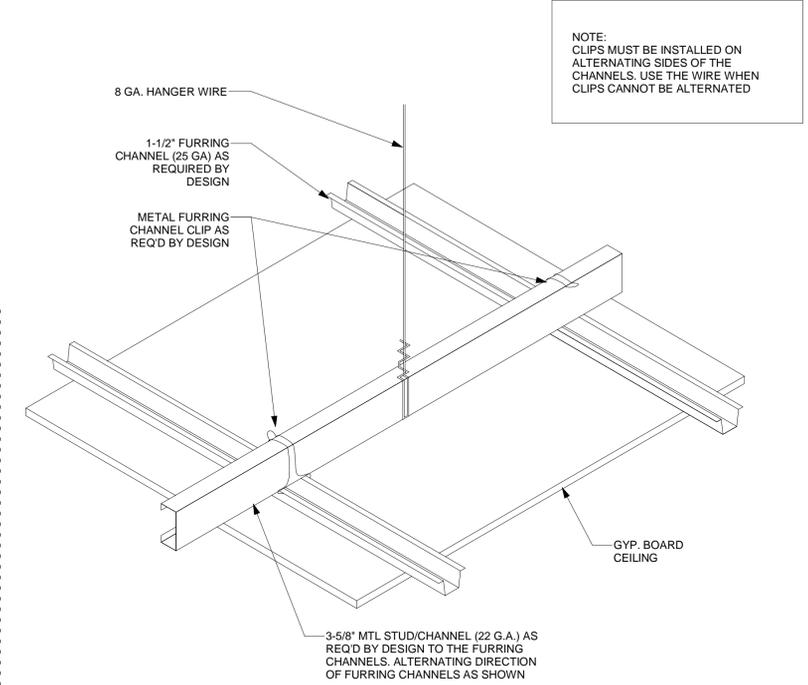
6 DOUBLE CORNER TRIM TILE DETAIL  
3" = 1'-0"



7 TYP INSIDE CORNER TILE DETAIL  
3" = 1'-0"

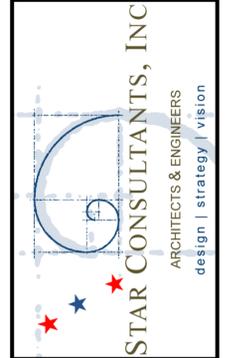
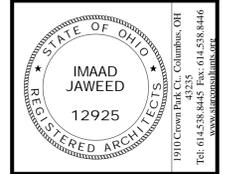


NOTES:  
\*ALL SURFACES IN CONTACT WITH MASONRY ARE TO RECEIVE A COAT OF ZINC CHROMATE PRIMER



8 TYP GYP CEILING  
1" = 1'-0"

REV.	DATE	REMARKS
02	04/20/2026	BID SET
02	02/25/2026	ADDENDUM 1

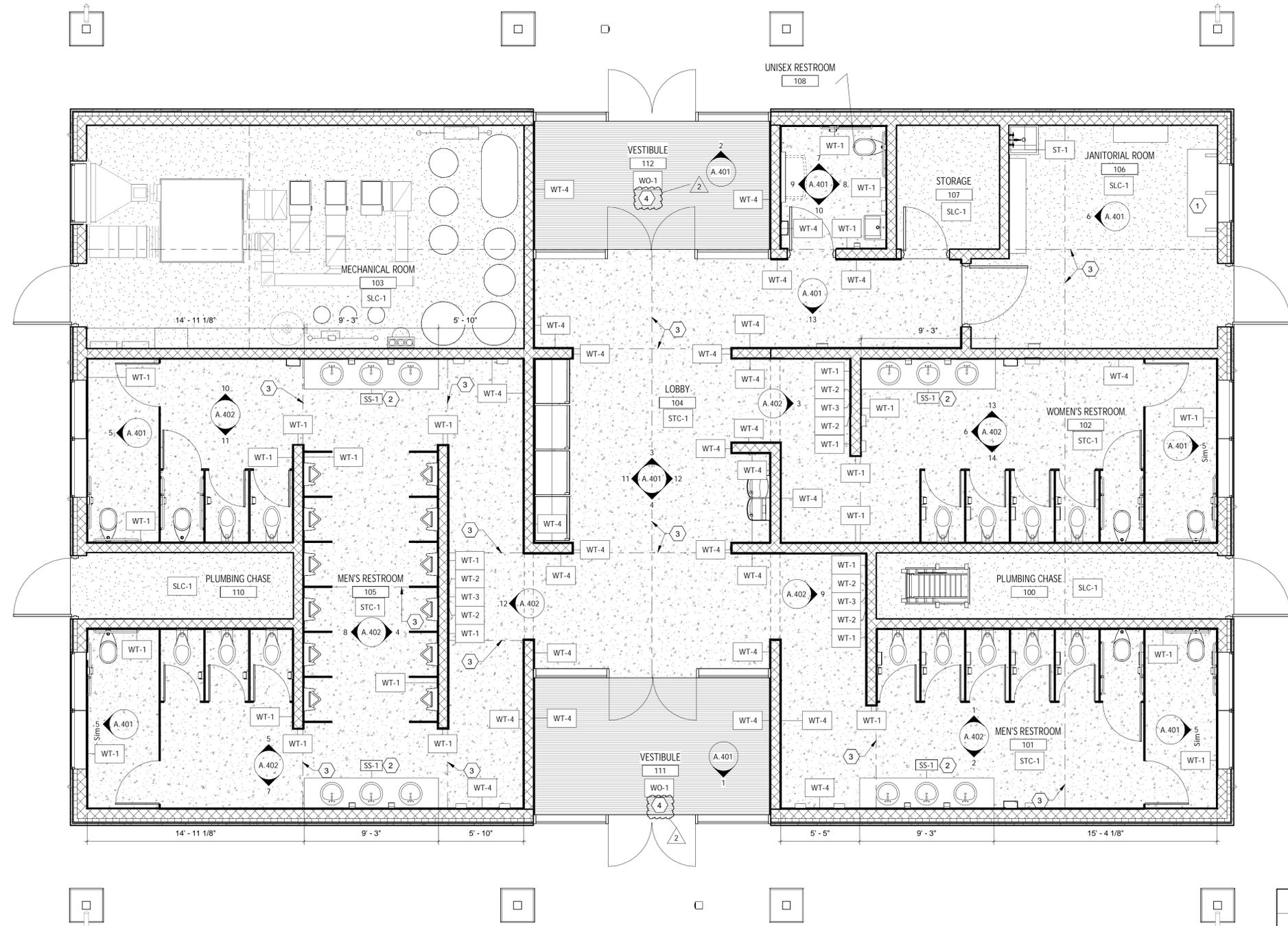


OHIO DEPARTMENT OF TRANSPORTATION  
 FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
 I-70 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY  
 INTERIOR DETAILS

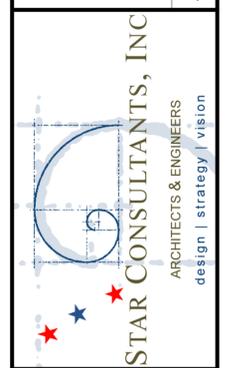
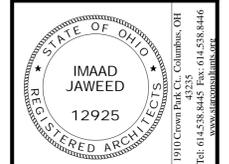
PJT #:	250009
DATE:	10/29/2025
DRN. BY:	A.AHMED
DGN. BY:	A.AHMED
REV. BY:	AA

SHEET  
**A.501**

- CODED NOTES:**
- 24"x6'-0" DESK COUNTER
  - 24"x9'-3" LAVATORY COUNTER
  - CONTROL JOINTS
  - DEPRESS SLAB 3/4" FOR WALK OFF MAT INSTALLATION



REV.	DATE	REMARKS
02	04/2026	BID SET
02	25/2026	ADDENDUM 1



OHIO DEPARTMENT OF TRANSPORTATION  
 FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
 I-70 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY  
 FINISH PLAN AND SCHEDULE

ROOM FINISH SCHEDULE						
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	COMMENTS
100	PLUMBING CHASE	SLC-1	WB-2	PT-1	PT-2	
101	MEN'S RESTROOM	STC-1	WB-1	WT-1/WT-2/WT-3/WT-4	PT-2	
102	WOMEN'S RESTROOM	STC-1	WB-1	WT-1/WT-2/WT-3/WT-4	PT-2	
103	MECHANICAL ROOM	SLC-1	WB-2	PT-1	OPEN	
104	LOBBY	STC-1	WB-1	WT-4	PT-2	
105	MEN'S RESTROOM	STC-1	WB-1	WT-1/WT-2/WT-3/WT-4	PT-2	
106	JANITORIAL ROOM	SLC-1	WB-2	PT-1	PT-2	
107	STORAGE	SLC-1	WB-2	PT-1	PT-2	
108	UNISEX RESTROOM	STC-1	WB-1	WT-1/WT-4	PT-2	
110	PLUMBING CHASE	SLC-1	WB-2	PT-1	PT-2	
111	VESTIBULE	WO-1	WB-1	WT-4	PT-2	
112	VESTIBULE	WO-1	WB-1	WT-4	PT-2	



1 FINISH FLOOR PLAN  
1/4" = 1'-0"

PJT #: 250009  
 DATE: 10/24/2025  
 DRN. BY: DAZ  
 DGN. BY: DAZ  
 REV. BY: AA

SHEET  
**A.600**

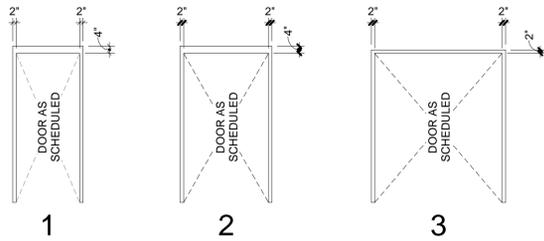
DOOR SCHEDULE																
MARK	TO ROOM NAME	WIDTH	HEIGHT	THICKNESS	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HDWE	HEAD	JAMB	SILL	FIRE RATING	COMMENTS
100	PLUMBING CHASE	4'-0"	7'-0"	0'-1 3/4"	A	HM	PAINT	1	HM	PAINT	12	CHH1	CHJ1	ADS1		
103A	MECHANICAL ROOM	4'-0"	7'-0"	0'-1 3/4"	A	HM	PAINT	1	HM	PAINT	16	CHH1	CHJ1	ADS1		
106A	JANITORIAL ROOM	4'-0"	7'-0"	0'-1 3/4"	A	HM	PAINT	1	HM	PAINT	11	CHH1	CHJ1	ADS1		
106B	JANITORIAL ROOM	4'-0"	7'-0"	0'-1 3/4"	E	HM	PAINT	1	HM	PAINT	15	CHH1	CHJ1	-		
107	STORAGE	3'-0"	7'-0"	0'-1 3/4"	A	HM	PAINT	1	HM	PAINT	3	CHH1	CHJ1	-		
108	UNISEX RESTROOM	3'-0"	7'-0"	0'-1 3/4"	A	HM	PAINT	1	HM	PAINT	13	CHH1	CHJ1	-		
110	PLUMBING CHASE	4'-0"	7'-0"	0'-1 3/4"	A	HM	PAINT	1	HM	PAINT	12	CHH1	CHJ1	ADS1		
111A	VESTIBULE	6'-0"	7'-0"	0'-1 3/4"	-	ALUM	MFR	-	ALUM	MFR	6	SFH1	SFJ1	SFS1		SEE ELEVATIONS FOR DETAILS
111B	VESTIBULE	6'-0"	7'-0"	0'-1 3/4"	-	ALUM	MFR	-	ALUM	MFR	7	SFH1	SFJ1	SFS1		SEE ELEVATIONS FOR DETAILS
112A	VESTIBULE	6'-0"	7'-0"	0'-1 3/4"	-	ALUM	MFR	-	ALUM	MFR	6	SFH1	SFJ1	SFS1		SEE ELEVATIONS FOR DETAILS
112B	VESTIBULE	6'-0"	7'-0"	0'-1 3/4"	-	ALUM	MFR	-	ALUM	MFR	7	SFH1	SFJ1	SFS1		SEE ELEVATIONS FOR DETAILS

GENERAL DOOR SCHEDULE NOTES:

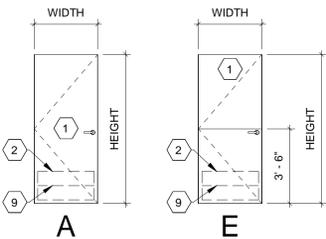
1. PROVIDE MASTER KEYING FOR ALL DOORS
2. PROVIDE COMPLETE SHOP DRAWINGS FOR A/E APPROVAL BEFORE ORDERING
3. ALL EXTERIOR, OUTSWING DOORS TO HAVE NRP HINGES.
4. ALL EXTERIOR METAL DOORS SHALL BE INSULATED.
5. SUBMIT COLOR SAMPLES FOR ALL DOORS TO BE APPROVED BY A/E

DOOR SCHEDULE KEY:

- |            |   |
|------------|---|
| ALUM       | ALUMINUM DOORS                                  |
| FRP        | FIBER REINFORCED PLASTIC                        |
| GALV       | GALVANIZED FRAME (INTEGRAL WITH OVERHEAD DOORS) |
| HM         | HOLLOW METAL FRAME                              |
| MIL. ANDZ. | MILLED & ANODIZED ALUMINUM FINISH               |
| PAINT BKD  | PAINT BULKHEAD AT OVERHEAD DOORS                |
| POWER      | POWER-DOOR OPERATOR ON SWING DOOR               |
| SS         | STAINLESS STEEL                                 |
| WF         | WELDED FRAME                                    |

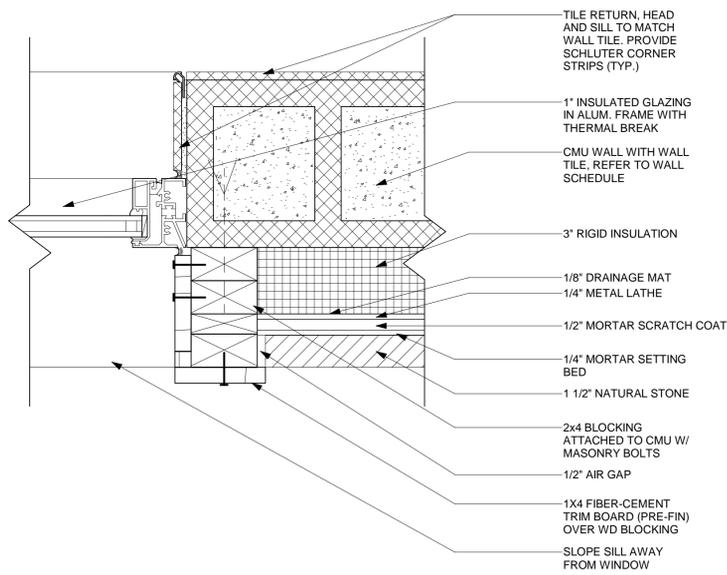


FRAME TYPE ELEVATIONS  
1/4" = 1'-0"

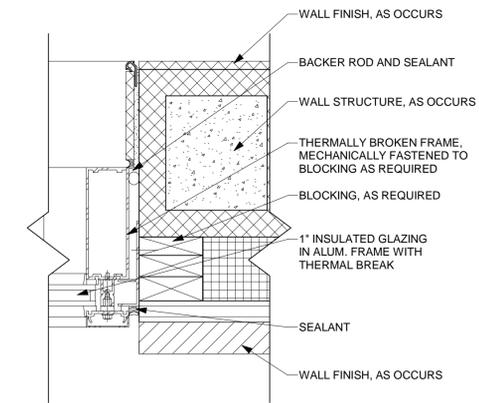


DOOR ELEVATION CODED NOTES  
1. FLUSH DOOR.  
2. KICK PLATE, 2" LESS THAN WIDTH OF DOOR x 16" TALL.  
3. MOP PLATE, 1 1/2" LESS THAN WIDTH OF DOOR x 8" TALL.

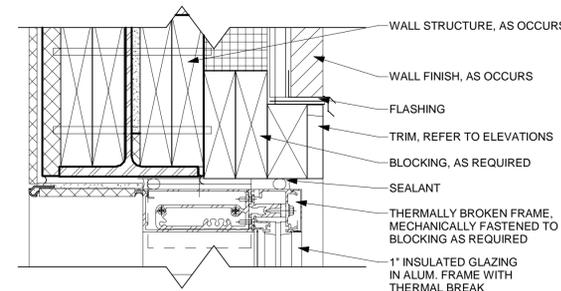
DOOR TYPE ELEVATIONS  
1/4" = 1'-0"



10 WJ1 - WINDOW JAMB DETAIL  
3" = 1'-0"



11 SFJ1 - STOREFRONT JAMB DETAIL  
3" = 1'-0"



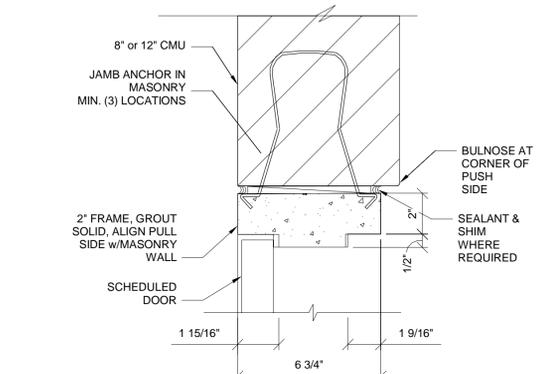
12 SFH1 - STOREFRONT HEAD DETAIL  
3" = 1'-0"

STOREFRONT SCHEDULE												
MARK	SIZE		TYPE	FINISH	GLAZING	U-VALUE	SHGC	DETAIL			COMMENTS	
	LENGTH	HEIGHT						HEAD	JAMB	SILL		
W1	16'-4"	VARIABLES	EXTERIOR STOREFRONT	ANODIZED	1" INSULATED, TEMPERED	0.36	0.3	SFH1	SFJ1	ADS1	ON, THERMALLY BROKEN FRAME. LOW-E	
W2	16'-4"	VARIABLES	EXTERIOR STOREFRONT	ANODIZED	1" INSULATED, TEMPERED	0.36	0.3	SFH1	SFJ1	ADS1	ON, THERMALLY BROKEN FRAME. LOW-E	
W3	16'-4"	VARIABLES	EXTERIOR STOREFRONT	ANODIZED	1" INSULATED, TEMPERED	0.36	0.3	SFH1	SFJ1	ADS1	ON, THERMALLY BROKEN FRAME. LOW-E	
W4	16'-4"	VARIABLES	EXTERIOR STOREFRONT	ANODIZED	1" INSULATED, TEMPERED	0.36	0.3	SFH1	SFJ1	ADS1	ON, THERMALLY BROKEN FRAME. LOW-E	

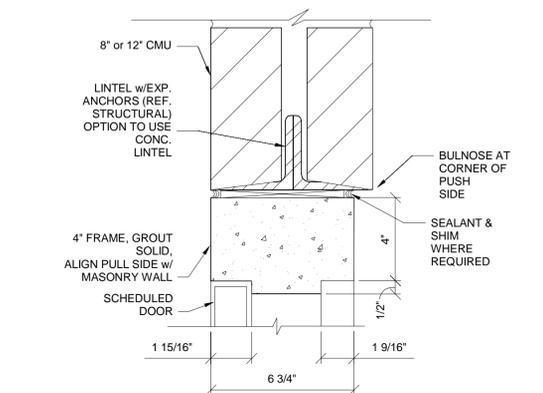
WINDOW SCHEDULE												
MARK	SIZE		TYPE	FINISH	GLAZING TYPE	U VALUE	SHGC	DETAIL			COMMENTS	
	WIDTH	HEIGHT						HEAD	JAMB	SILL		
W5	4'-0"	2'-0"	FIXED	PT-4	1" INSULATED, TEMPERED, FROSTED	0.36	0.3	3/A.500	WJ1	3/A.500	THERMALLY BROKEN FRAME. LOW-E	

DOOR HARDWARE SCHEDULE															
HARDWARE	DOOR USE	HINGES	LOCK SET	CLOSER	STOP	SILENCERS	FLUSH BOLT	WEATHERSTRIPPING	THRESHOLD	SWEEP	KICK PLATE	MOP PLATE	PANIC BAR	PUSH BUTTON	POWER SUPPLY
3	SINGLE FLUSH, INTERIOR, STORAGE, WALL STOP	3	STORAGE	Yes	WALL	3	No	No	No	No	Yes	Yes	No	No	No
6	DOUBLE STOREFRONT, EXTERIOR, PANIC, N/A	2	CONTINUOUS	PANIC BARS/PULLS	Yes	N/A	N/A	No	Yes	Yes	Yes	No	No	Yes	Yes
7	DOUBLE STOREFRONT, INTERIOR, PUSH/PULL, N/A	2	CONTINUOUS	PUSH PLATE/PULL BAR	Yes	N/A	N/A	No	No	No	No	No	No	No	Yes
11	OVERSIZE SINGLE FLUSH, EXTERIOR, STORAGE, HINGE STOP	4	STORAGE	Yes	HINGE	4	No	Yes	Yes	Yes	Yes	Yes	No	No	No
12	SINGLE FLUSH, EXTERIOR, STORAGE, HINGE STOP	3	STORAGE	Yes	HINGE	3	No	Yes	Yes	Yes	Yes	Yes	No	No	No
13	SINGLE FLUSH, INTERIOR, PRIVACY/RESTROOM, OVERHEAD STOP	3	PRIVACY	Yes	OVERHEAD	3	No	No	No	No	Yes	Yes	No	No	No
15	SINGLE DUTCH, INTERIOR, STORAGE, WALL STOP	4	STORAGE, DUTCH DOOR BOLT	No	WALL	6	No	No	No	No	Yes	Yes	No	No	No
16	SINGLE FLUSH, EXTERIOR, STORAGE, HINGE STOP, CARD READER	3	STORAGE	Yes	HINGE	3	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No

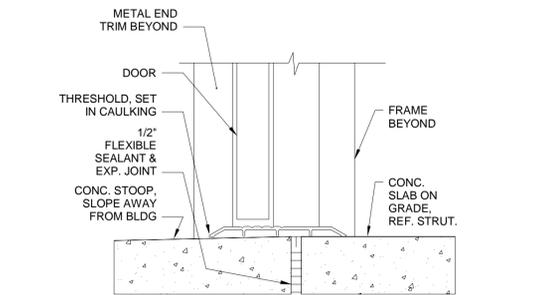
FINISH MATERIAL SCHEDULE			
Material: Mark	Material: Manufacturer	Material: Model	Material: Comments
COUNTERS			
SS-1	DUPONT	CORIAN SOLID SURFACE - SANDSTONE	
FLOOR FINISH			
SFC-1	PROSOCCO	CONSOLIDECK LS/CS AND SL100	
STC-1	PROSOCCO	CONSOLIDECK STAIN, LIGHT ROAST	TOP WITH CONSOLIDECK LS/CS AND SL100 WATER REPELLENT
WO-1	CONSTRUCTION SPECIALTIES	PEDTRED G4	WALK OFF MAT REFER TO PEDTRED G4 DETAIL ON INTERIOR DETAILS SHEET
PAINT			
PT-1	SHERWIN WILLIAMS	SW7013 IVORY LACE	WALLS. 1 COAT PRIMER, 2 COATS PAINT
PT-2	SHERWIN WILLIAMS	SW7757 HIGH REFLECTANCE WHITE	CEILING. 1 COAT PRIMER, 2 COATS PAINT
PT-4	SHERWIN WILLIAMS	SW6152 SUPERIOR BRONZE	EXTERIOR CEILING, TRIMS AND LOUVERS. 1 COAT PRIMER, 2 COATS PAINT
WALL BASE			
WB-1	SCHLUTER	DILEX-AHKA COVE BASE	
WB-2	JOHNSONITE	TRADITIONAL VINYL 6", 47 BROWN	
WALL FINISHES			
ST-1	INPRO	SHEET WALL CLADDING	PROVIDE CAP TRIM WITH MITERED CORNERS ON OPEN SIDES
VS-1	DUTCH QUALITY STONE	LEDGESTONE - SIENNA	
WALL TILE			
WT-1	FLORIDA TILE	HIGH RIDGE CANYON SLATE 12x24	SCHLUTER DILEX-AHKA COVE BASE AND SCHLUTER RONDEC AT OUTSIDE CORNERS
WT-2	MARAZZI	MIDPARK MOSAICS MP09 TRAPEZOID	SCHLUTER DILEX-AHKA COVE BASE AND SCHLUTER RONDEC AT OUTSIDE CORNERS
WT-3	FLORIDA TILE	HIGH RIDGE CANYON SLATE 12x24	SCHLUTER DILEX-AHKA COVE BASE AND SCHLUTER RONDEC AT OUTSIDE CORNERS
WT-4	DALTILE	FABRIC ART MODERN LINEAR BEIGE 12x24	SCHLUTER DILEX-AHKA COVE BASE AND SCHLUTER RONDEC AT OUTSIDE CORNERS
WOOD STAIN			
WD-1	STAINED WOOD		TEAK TO MAHOGANY



3 CHJ1 - CMU DOOR JAMB DETAIL  
3" = 1'-0"

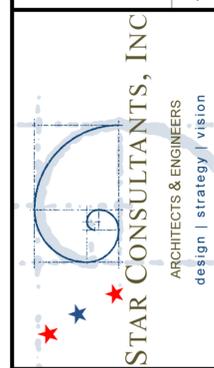
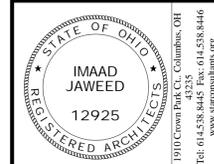


2 CHH1 - CMU DOOR HEAD DETAIL  
3" = 1'-0"



1 ADS1 - DOOR SILL DETAIL  
3" = 1'-0"

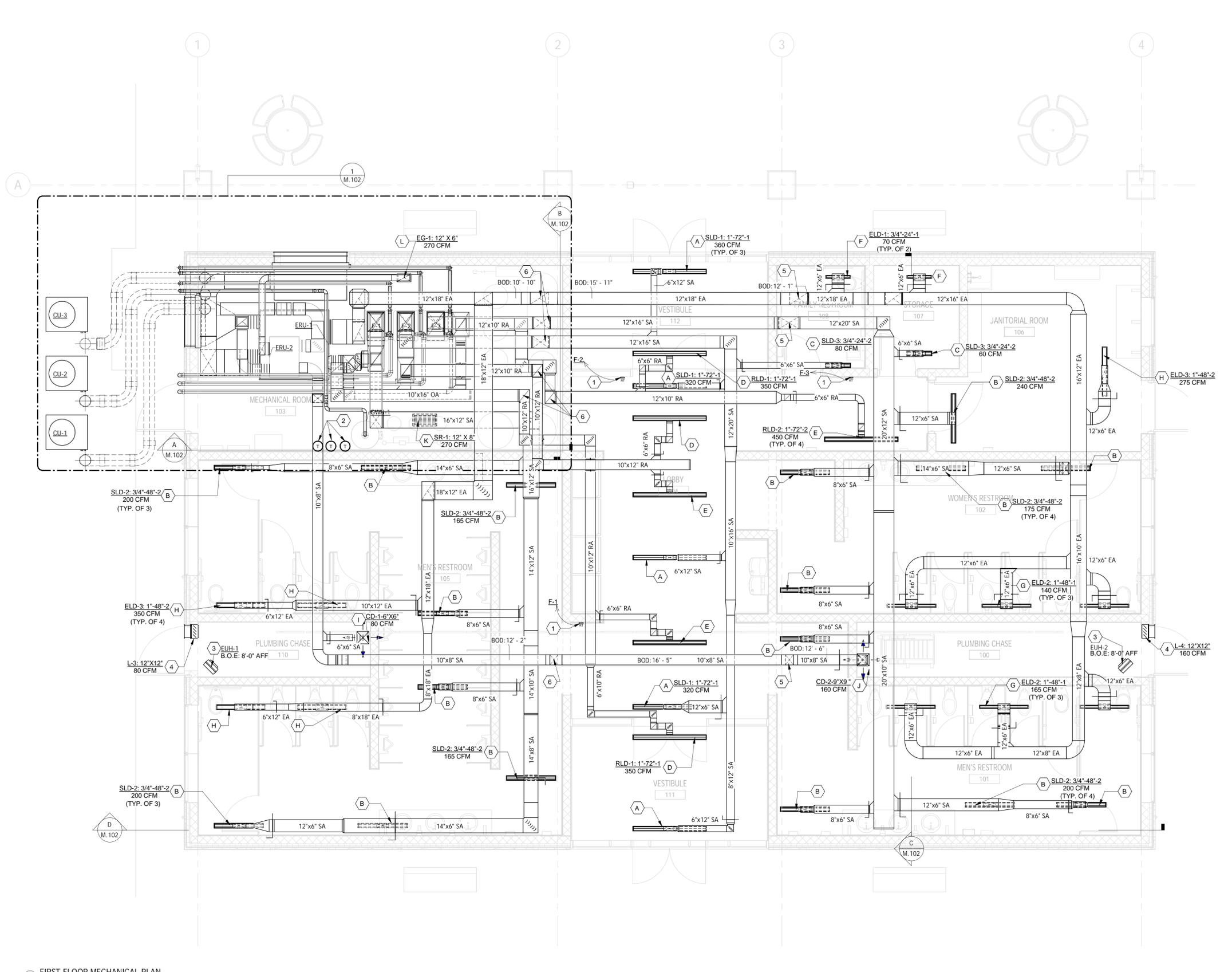
REV.	DATE	REVISIONS
02	04/20/26	BID SET
02	25/2026	ADDENDUM 1
2		



OHIO DEPARTMENT OF TRANSPORTATION  
 FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
 I-70 WB @ MM 01, NEW PARIS, OH 45347, PREBLE COUNTY  
 SCHEDULES AND DETAILS

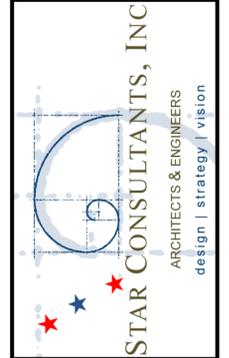
PJT #: 250009  
 DATE: 10/29/2025  
 DRN. BY: DAZ  
 DGN. BY: DAZ  
 REV. BY: AA

SHEET  
**A.601**



- SHEET NOTES:**
- COORDINATE ALL DUCTWORK ROUTING WITH ROOF TRUSS LAYOUT. ALL DUCTWORK RUN IN ATTIC IS TO BE RUN ABOVE BOTTOM CHORD OF TRUSSES. ALL CEILING PENETRATIONS MUST OCCUR BETWEEN TRUSSES. ALL ELEVATIONS NOTED ON DRAWING ARE FROM ABOVE FINISHED FLOOR(AFF).
  - CEILING-MOUNTED LINEAR DIFFUSER, PROVIDE SECTION(S) (COMPLETE WITH PLENUM) TO FIT BETWEEN TRUSSES. QUANTITY AS INDICATED WITH DUCT CONNECTION(S). PROVIDE ADDITIONAL "BLANK" SECTIONS TO FINISH OFF LENGTH AS INDICATED. OVERALL SECTION OF DIFFUSER SHALL APPEAR AS ONE CONTINUOUS DIFFUSER. SEE SHEET M.601 FOR AIR DEVICE SCHEDULES.
  - DIFFUSERS ARE DESIGNATED BY (A) ETC. SEE SCHEDULES FOR DETAILS AND PROVIDE ROUND CONNECTIONS FROM PLENUM OF ALL LINEAR DIFFUSERS TO RECTANGULAR DUCTS WITH TRANSITION.
- CODED NOTES**
- THERMOSTAT REMOTE TEMPERATURE SENSOR. THERMOSTAT SHALL BE LOCATED IN MECHANICAL ROOM #103, SEE CODED NOTE #2. CONTRACTOR TO PROVIDE ALL LOW-VOLTAGE WIRING AND CONTROLS BACK TO THERMOSTAT. PROVIDE REMOTE TEMPERATURE SENSOR AND MOUNT AT 5'-0" AFF.
  - THERMOSTAT FOR FURNACES F-1/2/3. CONTRACTOR TO PROVIDE ALL LOW-VOLTAGE WIRING AND CONTROLS BACK TO FURNACES. PROVIDE THERMOSTAT AND MOUNT AT 5'-0" AFF.
  - MOUNT ELECTRIC UNIT HEATERS AT 8'-0" AFF AND PROVIDE THE UNIT HEATER WITH BUILT-IN THERMOSTAT TO CYCLE HEATING IN TEMPERATURE RANGE 45 DEG F TO 135 DEG F.
  - PROVIDE LOUVER WITH BACK DRAFT DAMPER. BACK DRAFT DAMPER SHALL BE SET FOR 1/8" STATIC PRESSURE. BOTTOM OF LOUVER IS 8'-0" AFF.
  - DUCT RISE FROM 8'-8" CEILING SPACE TO 14'-0" CEILING SPACE.
  - DUCT DROP FROM 14'-0" CEILING SPACE TO 8'-8" CEILING SPACE.

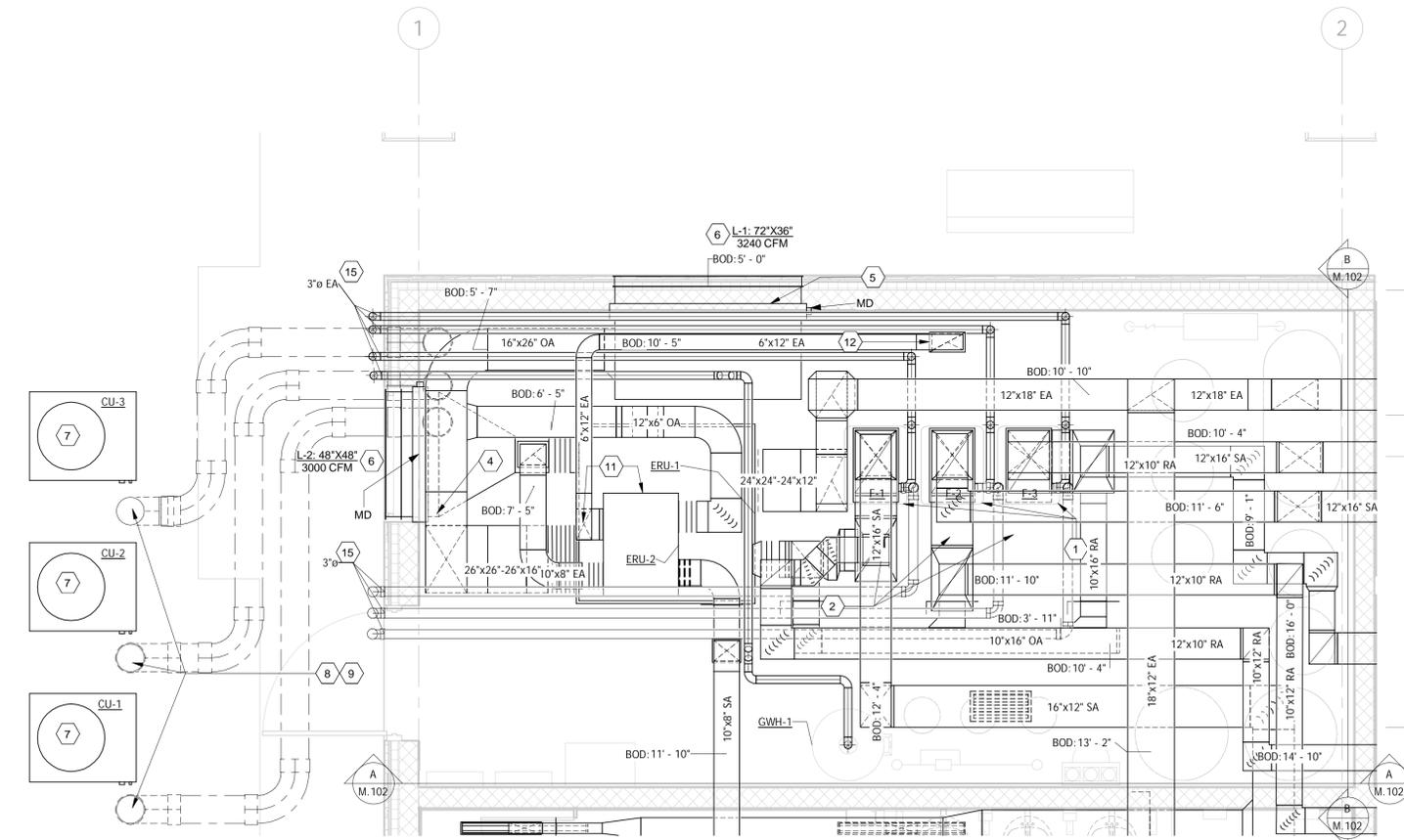
REV.	DATE	REMARKS
1	12/09/2025	A/HJ RESPONSE
2	02/04/2026	BID SET
3	02/25/2026	ADDENDUM 01



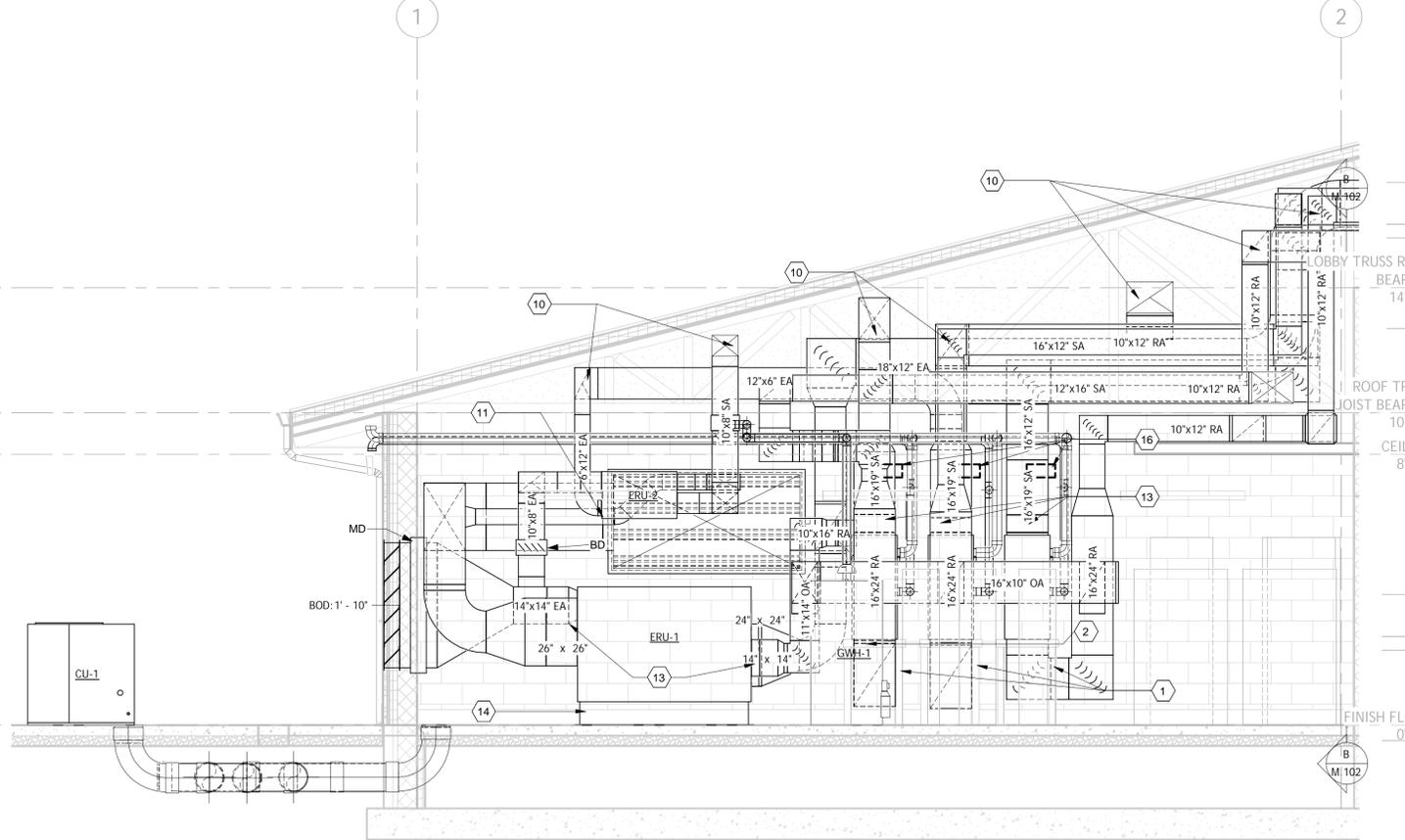
OHIO DEPARTMENT OF TRANSPORTATION  
 FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
 I-70 WB @ MM 01, NEW PARIS, PREBLE COUNTY, OH 45347  
 FIRST FLOOR MECHANICAL PLAN

PJT #:	250009
DATE:	09/18/25
DRN. BY:	HY
DGN. BY:	HY
REV. BY:	ML

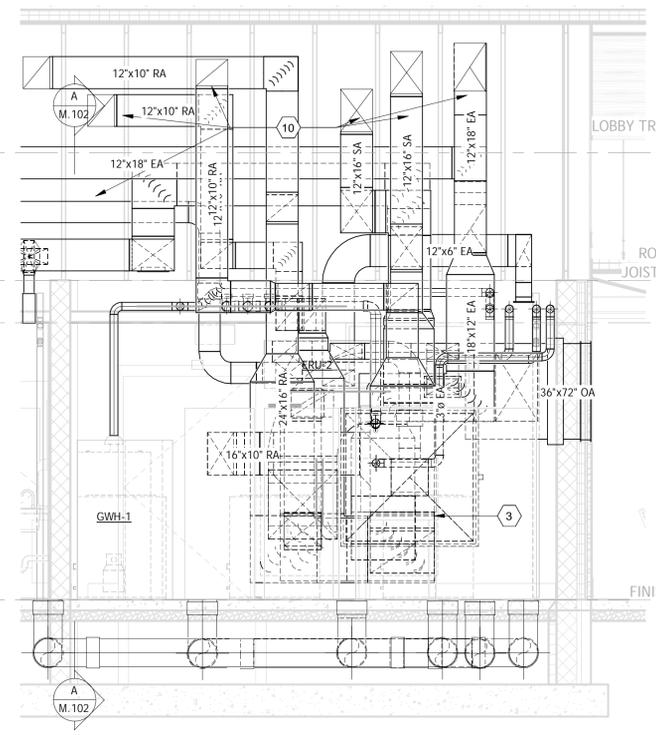
1 FIRST FLOOR MECHANICAL PLAN  
 1/4" = 1'-0"



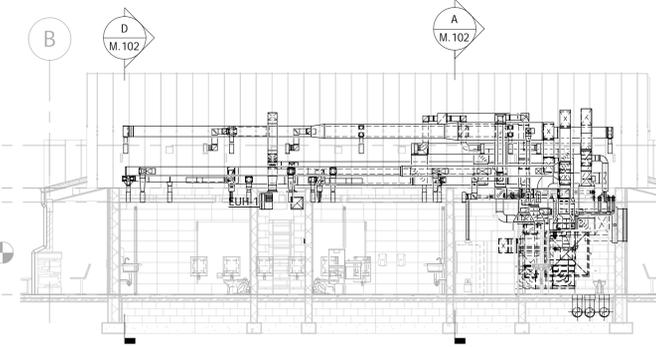
1 ENLARGED PLAN - MECHANICAL ROOM -106  
3/8" = 1'-0"



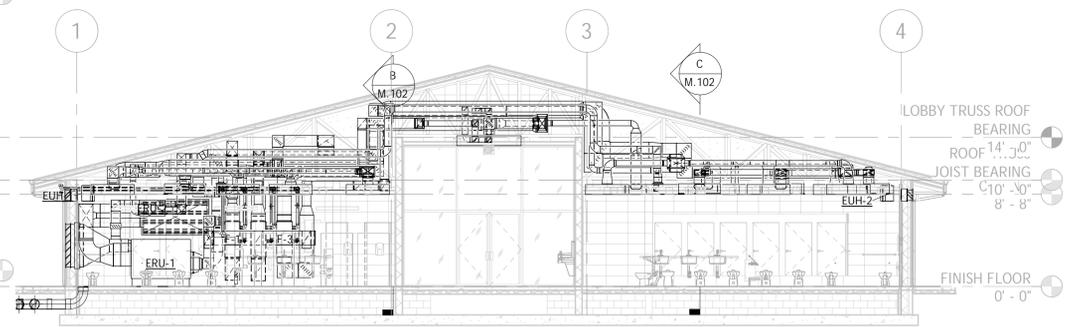
A Section A  
3/8" = 1'-0"



B Section B  
3/8" = 1'-0"



C OVERALL SIDE SECTION VIEW  
1/8" = 1'-0"



D OVERALL FRONT SECTION VIEW  
1/8" = 1'-0"

SHEET NOTES:

- COORDINATE ALL DUCTWORK ROUTING WITH ROOF TRUSS LAYOUT. ALL DUCTWORK RUN IN ATTIC IS TO BE RUN ABOVE BOTTOM CHORD OF TRUSSES. ALL CEILING PENETRATIONS MUST OCCUR BETWEEN TRUSSES. ALL ELEVATIONS NOTED ON DRAWING ARE FROM ABOVE FINISHED FLOOR(AFF).
- ALL DUCTWORK CONNECTIONS FROM ERU-1 SUPPLY AIR DUCT TO RETURN AIR DUCTS SHALL BE BASED ON FIELD COORDINATION AND EACH BRANCH TO RETURN WILL HAVE BALANCE DAMPER SET TO PROVIDE REQUIRED CFM.

CODED NOTES

- PROVIDE MIN. 1'-8" HIGH GALVANIZED STEEL ANGLE SUPPORT STAND TO SUPPORT FURNACES F-1/2/3. SEE DETAIL 9 ON SHEET M.501
- ROUTE RETURN AIR PLENUM BELOW FURNACES. PROVIDE FURNACE SUPPORT STEEL STAND TO FULLY SUPPORT UNIT ABOVE PLENUM. PLENUM DUCTWORK MUST FIT UNDER GALVANIZED STEEL SUPPORT AND NOT BE USED TO SUPPORT FURNACE UNITS.
- PROVIDE FILTER RACK BELOW EACH AIR HANDLER WITH ACCESS FROM FRONT.
- PROVIDE LOUVER FULL-SIZE MOTOR-OPERATED DAMPER AND PLENUM BOX (DEPTH AS REQUIRED TO INSTALL DAMPER). TRANSITION FROM PLENUM TO DUCT AS SHOWN IN SECTION A FOR ERU-1 CONNECTION ON THIS SHEET.
- PROVIDE LOUVER FULL-SIZE MOTOR-OPERATED DAMPER AND PLENUM BOX (DEPTH AS REQUIRED TO INSTALL DAMPER). TRANSITION FROM PLENUM TO DUCT AS SHOWN IN SECTION A AND B ON THIS SHEET.
- WALL MOUNTED LOUVER. COORDINATE EXACT LOCATION AND ELEVATION WITH ARCHITECTURAL ELEVATION DRAWINGS.
- CONDENSING UNIT SET ON 4" CONCRETE HOUSEKEEPING PAD. LOCATION SHOWN FOR REFERENCE ONLY. FIELD COORDINATE EXACT LOCATION TO FIT WITH NEW LANDSCAPE DESIGN. CONDENSER SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM INTAKE LOUVER L-1.
- PROVIDE AND INSTALL 10" DIA. SCH. 40 PVC PIPING CONDUIT (WITH 10 SWEEP ELBOWS) FROM THE CONDENSER UNIT PAD TO INSIDE BUILDING. EXTEND CONDUIT UP ABOVE CONDENSING UNIT PAD A MIN. OF 3' AND SEAL PENETRATION WEATHER-TIGHT (TYP. AT EACH PEN). PROVIDE PIPE SLEEVE FOR CONDUIT AT EXTERIOR WALL FOUNDATION. ROUTE REFRIGERANT LINE SET(S) IN PIPING CONDUIT AND SEAL ALL PENETRATIONS WEATHER-TIGHT. PROVIDE INSULATION ON BOTH LINES THROUGHOUT THE CONDUIT.
- ROUTE REFRIGERANT PIPING FROM CU-1/2/3 TO F-1/2/3 AND PROVIDE ALL ACCESSORIES REQUIRED PER MANUFACTURERS RECOMMENDATIONS.
- ROUTE DUCTWORK TO ABOVE CEILING, ENSURING TO COORDINATE CEILING PENETRATION WITH ROOF TRUSSES.
- DROP EXHAUST DUCT DOWN BELOW CEILING AND KEEP AS HIGH AS POSSIBLE. SUPPORT ERU-2 BELOW CEILING WITH STEEL ANCHORS OR CEILING MOUNT AT 6'-7" AFF.
- INCLUDE MANUAL BALANCE DAMPER AT TAKEOFF TO EXHAUST DIFFUSER IN THIS ROOM.
- PROVIDE FLEXIBLE CONNECTIONS AT ALL DUCTWORK CONNECTING TO MECHANICAL EQUIPMENT
- MOUNT ERU-1 ON A 4" HIGH CONCRETE HOUSEKEEPING PAD.
- PROVIDE WIRE MESH AT ELBOWS AND INSTALL AS PER MANUFACTURERS RECOMMENDATION FOR BOTH AIR INTAKE AND EXHAUST VENT PIPE.
- SUPPLY AIR PURIFIER. UNIT SHALL BE HALO-LED BY RGF OR APPROVED EQUAL. 120V UV LIGHT, PROVIDED WITH 120V-24V TRANSFORMER AND FAN CONTROL RELAY. INSTALL UNIT IN SUPPLY AIR DUCT ABOVE FURNACES. COORDINATE INSTALLATION WITH MANUFACTURER'S INSTRUCTIONS AND ELECTRICAL CONTRACTOR.

REV.	DATE	REMARKS
1	12/09/2025	AHJ RESPONSE
2	02/04/2026	BID SET
3	02/25/2026	ADDENDUM 01

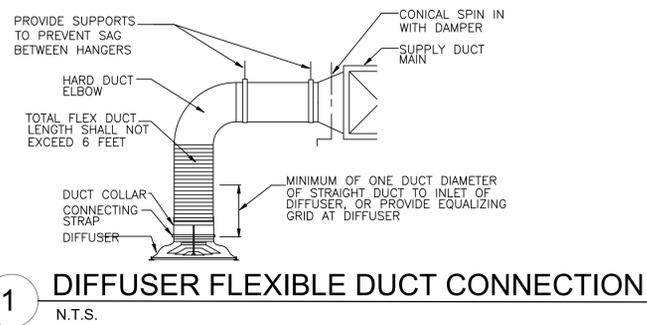


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ARCHITECTS & ENGINEERS  
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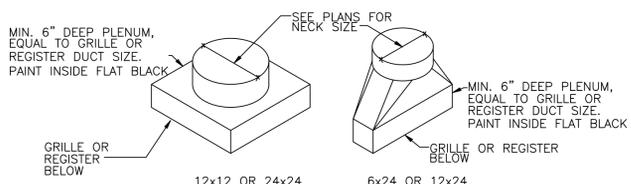
1910 Crown Hill Ct., Columbus, OH 43235  
Tel: 614.538.8445 Fax: 614.538.8446  
www.starinc.com

OHIO DEPARTMENT OF TRANSPORTATION  
FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
I-70 WB @ MM 01, NEW PARIS, PREBLE COUNTY, OH 45347

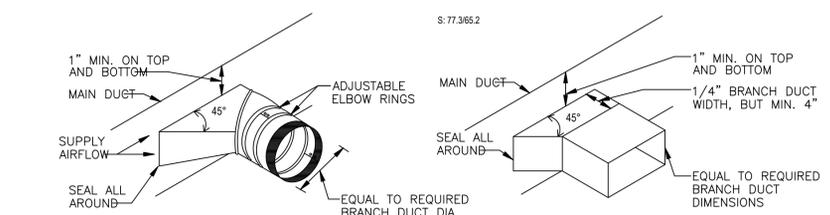
PJT #: 250009  
DATE: 09/24/25  
DRN. BY: HY  
DGN. BY: HY  
REV. BY: ML



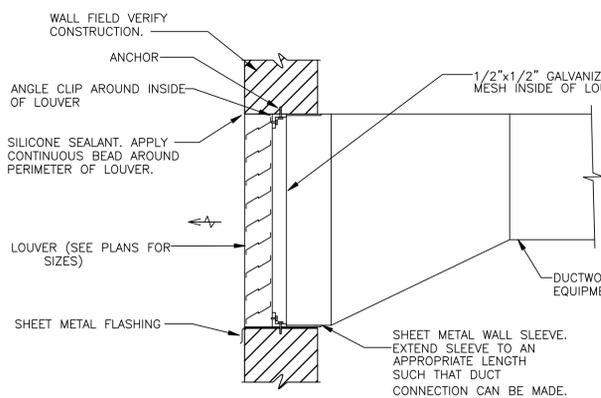
**1 DIFFUSER FLEXIBLE DUCT CONNECTION**  
N.T.S.



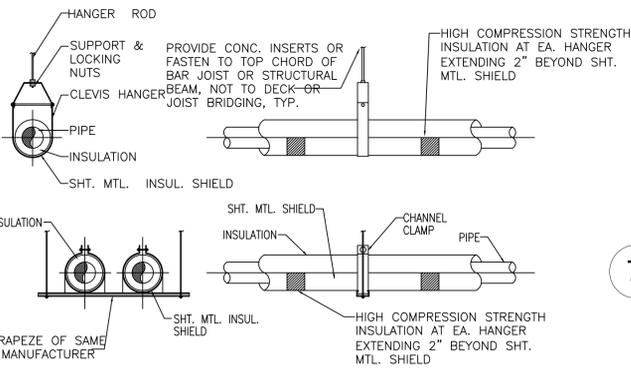
**2 GRILLE & REGISTER BOOT DETAIL**  
N.T.S.



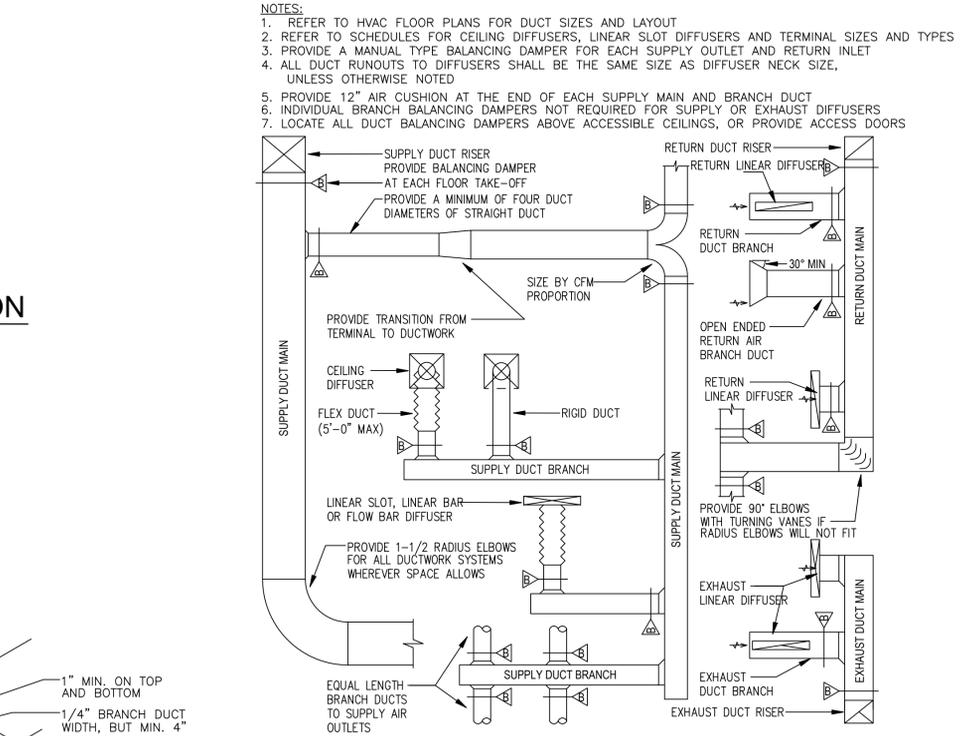
**3 TYPICAL BRANCH TAKEOFF FITTING DETAIL**  
N.T.S.



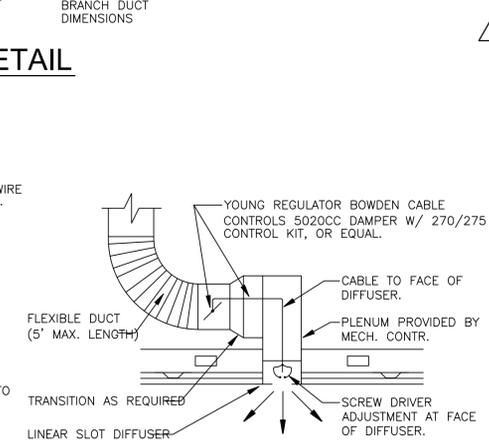
**4 LOUVER ASSEMBLY DETAIL**  
N.T.S.



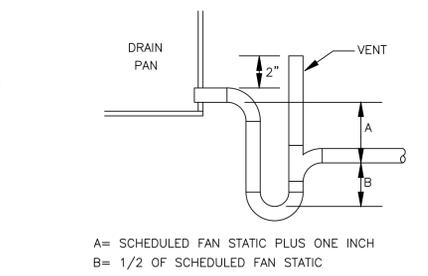
**5 TYPICAL REFRIGERANT PIPE HANGING DETAIL**  
N.T.S.



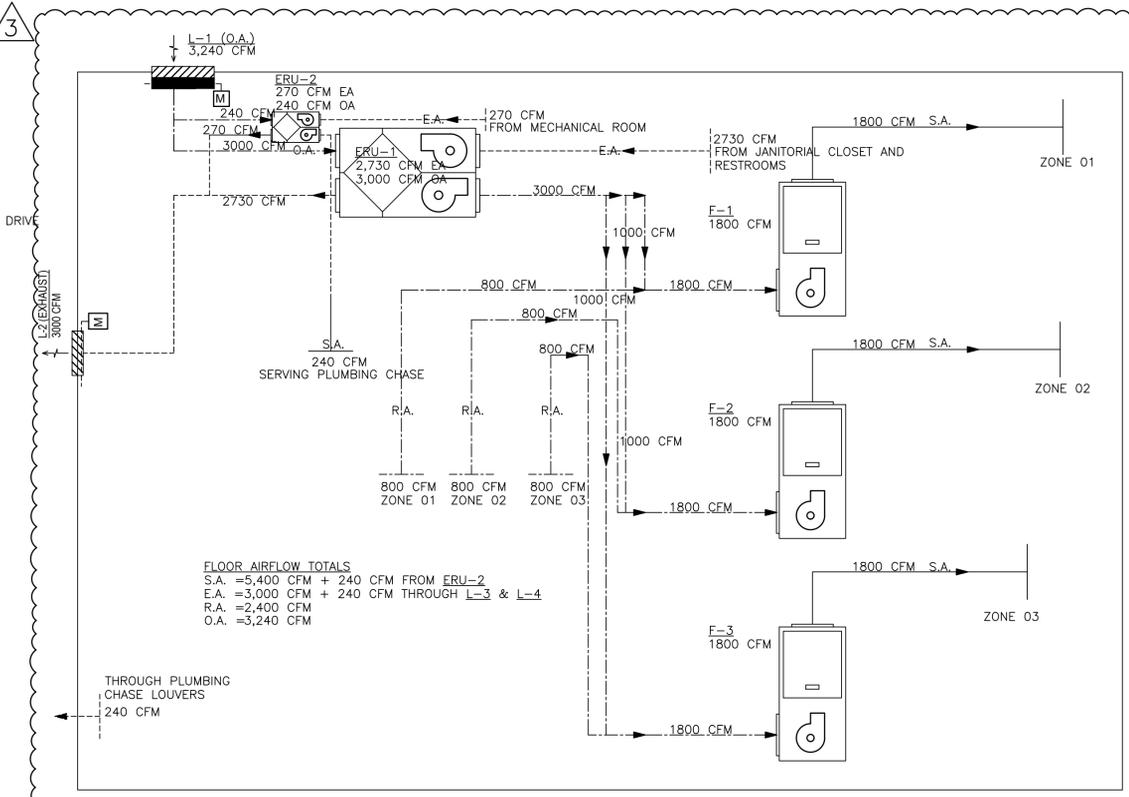
**8 DUCTWORK INSTALLATION DIAGRAM (TYPICAL)**  
N.T.S.



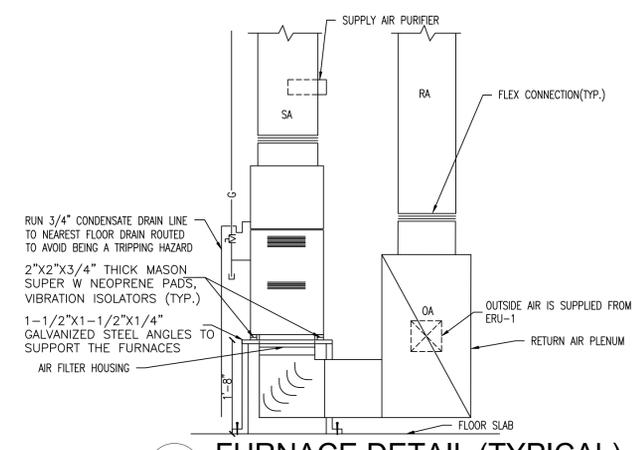
**6 LINEAR DIFFUSER DETAIL**  
N.T.S.



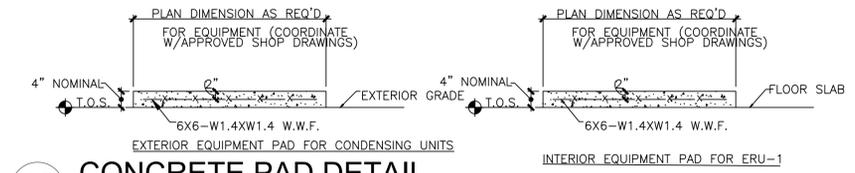
**7 COIL CONDENSATE DRAIN DETAIL**  
N.T.S.



**11 AIRFLOW SCHEMATIC**  
N.T.S.



**9 FURNACE DETAIL (TYPICAL)**  
N.T.S.



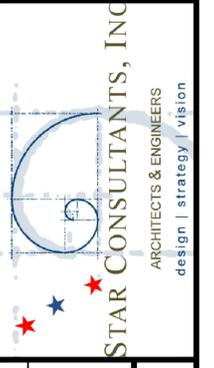
**10 CONCRETE PAD DETAIL**  
N.T.S.

**SEQUENCE OF OPERATION:**

- A. SEQUENCE OF OPERATION FOR FURNACES:**
- FURNACE SYSTEMS (F-1, F-2, F-3) STARTUP.  
THE FURNACE SYSTEMS SHALL BE ENABLED BY A 7-DAY PROGRAMMABLE THERMOSTATS TO MAINTAIN SPACE TEMPERATURE SETPOINT.
  - UNOCCUPIED MODE FOR FURNACES.  
WHEN THE FACILITY IS UNOCCUPIED MODE AS SENSED BY OCCUPANCY SENSORS IN BOTH THE RESTROOMS AND GENERAL AREA, THE SYSTEM SHALL BE IN UNOCCUPIED MODE.
  - OCCUPIED MODE FOR FURNACES.  
EACH SPACE SENSOR SHALL SEND ITS SIGNAL TO ITS PROGRAMMABLE THERMOSTAT. THE PROGRAMMABLE THERMOSTAT SHALL ENABLE THE FURNACES TO RUN INDIVIDUALLY. SUPPLY FAN OF ALL FURNACES SHALL START AND RUN CONTINUOUSLY. EACH PROGRAMMABLE THERMOSTAT SHALL CONTROL DIRECT EXPANSION COIL OF ITS FURNACE TO MAINTAIN SPACE TEMPERATURE OF 75 DEGREES F (ADJUSTABLE) IN SUMMER. EACH PROGRAMMABLE THERMOSTAT SHALL CONTROL HEATING COIL OF ITS FURNACE TO MAINTAIN SPACE TEMPERATURE OF 72 DEGREES F (ADJUSTABLE) IN WINTER.
- B. SEQUENCE OF OPERATION FOR ENERGY RECOVERY UNITS ERU-1 AND ERU-2:**
- THIS IS 24/7 FACILITY. THE FURNACES F-1, F-2, F-3 WITH THEIR CONDENSING UNITS CU-1, CU-2, CU-3 ARE INTER LOCKED WITH ERU-1.
  - ENERGY RECOVERY UNITS ERU-1, ERU-2 SHALL RUN CONTINUOUSLY.
- FIELD COORDINATE INSTALLATION WITH GENERAL CONTRACTOR.

- NOTES:**
- REFER TO HVAC FLOOR PLANS FOR DUCT SIZES AND LAYOUT
  - REFER TO SCHEDULES FOR CEILING DIFFUSERS, LINEAR SLOT DIFFUSERS AND TERMINAL SIZES AND TYPES
  - PROVIDE A MANUAL TYPE BALANCING DAMPER FOR EACH SUPPLY OUTLET AND RETURN INLET
  - ALL DUCT RUNOUTS TO DIFFUSERS SHALL BE THE SAME SIZE AS DIFFUSER NECK SIZE, UNLESS OTHERWISE NOTED
  - PROVIDE 12" AIR CUSHION AT THE END OF EACH SUPPLY MAIN AND BRANCH DUCT
  - INDIVIDUAL BRANCH BALANCING DAMPERS NOT REQUIRED FOR SUPPLY OR EXHAUST DIFFUSERS
  - LOCATE ALL DUCT BALANCING DAMPERS ABOVE ACCESSIBLE CEILINGS, OR PROVIDE ACCESS DOORS

REV#	DATE	REMARKS
1	12/09/2025	ADD RESPONSE
2	02/04/2026	BID SET
3	02/25/2026	ADDENDUM 01



OHIO DEPARTMENT OF TRANSPORTATION  
**FACD08 RESTROOMS AT PREBLE TRUCK PARKING**  
 170 WB @ MM 01, NEW PARIS, PREBLE COUNTY, OH 45347  
**MECHANICAL DETAILS**

PJT #:	25009
DATE:	10/24/2025
DRN. BY:	HY
DGN. BY:	HY
REV. BY:	ML

SHEET  
**M.501**

FURNACE SCHEDULE																				
UNIT TAG	MANUFACTURER	MODEL	LOCATION	ARRANGEMENT	DESIGN CFM	HEATING INPUT MBH	HEATING OUTPUT MBH	AIR TEMP. RISE °F	AFUE %	E.S.P. (IN. WG)	EVAPORATOR COIL			ELECTRICAL					NOTES	
											MODEL	TONS	EAT DB/WB °F	NET COOLING CAPACITY / TOTAL SENSIBLE MBH	MCA	MOC	VOLTAGE	PHASE		HZ
F-1	TRANE	S9X2D120U5PSBA	MECHANICAL ROOM	UPFLOW	1800	120	116.4	40-70	95	0.5	5TXCD010AS3HCA	5	78/66.1	53.394/39.37	10.0	15.0	115	1	60	1-5
F-2	TRANE	S9X2D120U5PSBA	MECHANICAL ROOM	UPFLOW	1800	120	116.4	40-70	95	0.5	5TXCD010AS3HCA	5	78/66.1	53.394/39.37	10.0	15.0	115	1	60	1-5
F-3	TRANE	S9X2D120U5PSBA	MECHANICAL ROOM	UPFLOW	1800	120	116.4	40-70	95	0.5	5TXCD010AS3HCA	5	78/66.1	53.394/39.37	10.0	15.0	115	1	60	1-5

**NOTES – FURNACE:**

- 2-STAGE HEATING. UNIT IS SERVED BY PROPANE GAS.
- 1-5/8" GAS CONNECTION.
- PROVIDE 20x16 MERV-8 FILTER.
- DIRECT DRIVE MOTOR.
- USE VENT KIT PROVIDED BY MANUFACTURER.

OUTDOOR CONDENSING UNITS SCHEDULE																		
UNIT TAG	MANUFACTURER	MODEL	LOCATION	INDOOR UNIT	NOMINAL TONS	COOLING CAPACITY TOTAL/SENSIBLE (MBH)	COOLING EFF. @ AHRI CONDITIONS EER/SEER	NO. OF CIRCUITS	REFRIGERANT	DESIGN OUTDOOR AIR TEMP DB(F)	ELECTRICAL DATA					UNIT WEIGHT (LBS)	REMARKS	
											FAN HP	MCA	MOC	VOLTAGE	PH			HZ
CU-1	TRANE	5TTR7060A1000A	OUTDOOR	F-1	5	53.394/39.37	11.5/16.5	1	R-454B	95	1/2	43.0	2.3	208	1	60	226	1 - 5
CU-2	TRANE	5TTR7060A1000A	OUTDOOR	F-2	5	53.394/39.37	11.5/16.5	1	R-454B	95	1/2	43.0	2.3	208	1	60	226	
CU-3	TRANE	5TTR7060A1000A	OUTDOOR	F-3	5	53.394/39.37	11.5/16.5	1	R-454B	95	1/2	43.0	2.3	208	1	60	226	

**NOTES – OUTDOOR CONDENSING UNITS:**

- UNIT MOUNTED POWER CONNECTION W/ DISCONNECT SWITCH.
- PROVIDE SPRING ISOLATORS.
- PROVIDE LOW AMBIENT CONTROL.
- MOUNT ON 4" CONCRETE PAD.
- PROVIDE HAIL GUARD.

ENERGY RECOVERY UNITS SCHEDULE																													
UNIT TAG	MANUFACTURER	MODEL	LOCATION	TYPE	COOLING DESIGN HEAT EXCHANGER				HEATING DESIGN HEAT EXCHANGER				SUPPLY FAN				EXHAUST FAN				FILTERS				ELECTRICAL	UNIT WEIGHT (LBS)(+/-5%)	NOTES		
					OUTDOOR AIR		EXHAUST AIR		OUTDOOR AIR		EXHAUST AIR		AIRFLOW (CFM)	EXT. STATIC PRESS. (IN. WG)	MOTOR		AIRFLOW (CFM)	EXT. STATIC PRESS. (IN. WG)	MOTOR		PRE-FILTER		MCA	MOP				VOLTAGE	PHASE
					ENTERING AIR TEMP. DB	ENTERING AIR TEMP. WB	LEAVING AIR TEMP. DB	LEAVING AIR TEMP. WB	ENTERING AIR TEMP. DB	ENTERING AIR TEMP. WB	LEAVING AIR TEMP. DB	LEAVING AIR TEMP. WB			QUANTITY	HORSE POWER			QUANTITY	HORSE POWER	TYPE	EFFICIENCY							
ERU-1	GREENHECK	ERV-45-15L	MECHANICAL ROOM	STATIC CORE	94.0 °F	76.0 °F	90.9 °F	73.9 °F	76.0 °F	0.0 °F	13.7 °F	70.0 °F	3000	0.5	1	3	2730	0.5	1	3	2" PLEATED	MERV 8	26.2	35.0	208	3	870	1 - 8	
ERU-2	GREENHECK	MINIVENT-450-VG	MECHANICAL ROOM	VARI GREEN	94.0 °F	76.0 °F	88.9 °F	72.7 °F	76.0 °F	0.0 °F	21.0 °F	70.0 °F	240	0.5	1	1/4	270	0.5	1	1/4	2" PLEATED	MERV 8	7.1	15.0	115	1	160	3 - 9	

**NOTES – ENERGY RECOVERY UNITS:**

- INTERLOCK WITH FURNACES F-1/2/3 FOR ERU START/STOP CONTROL AND L-1 FOR DAMPER OPEN SIGNAL.
- PROVIDE WITH "MODULATING WHEEL" FROST CONTROL.
- PROVIDE DIRTY FILTER SENSORS.
- CONTRACTOR TO PROVIDE ALL-LOW VOLTAGE WIRING.
- PROVIDE WITH FACTORY-INSTALLED VFD'S FOR EACH FAN.
- PROVIDE WITH INTEGRATED PROGRAMMABLE CONTROLS.
- PROVIDE WITH FACTORY-MOUNTED FIRE ALARMS.
- PROVIDE WITH FACTORY INSTALLED DISCONNECT SWITCH.
- PROVIDE WITH "TIMED EXHAUST" FROST CONTROL.

LOUVER SCHEDULE											
TAG	LOCATION	MANUFACTURER	MODEL	APPLICATION	DIMENSIONS H X W	FREE AREA (%)	CFM	PRESSURE DROP (IN. W.G.)	FREE AREA VELOCITY (FT/MIN)	DAMPER	NOTES
L-1	SEE PLANS	RUSKIN	ELC6375DAX	FURNACE OA INTAKE	72 X 36	43	3240	0.02	421	MOTORIZED	1 - 2
L-2	SEE PLANS	RUSKIN	ELBD375E	EXHAUST AIR	48 X 48	44	3000	0.02	431	MOTORIZED	1 - 2
L-3	SEE PLANS	RUSKIN	ELF6375DX	EXHAUST AIR	12 X 12	30	80	0.02	335	BACKDRAFT	-
L-4	SEE PLANS	RUSKIN	ELF6375DX	EXHAUST AIR	12 X 12	30	160	0.04	535	BACKDRAFT	-

**NOTES – LOUVERS:**

- POWER SUPPLY FOR MOTORIZED DAMPER SHALL BE 120V, 1-PHASE, 60 HZ.
- PROVIDE MOUNTING HARDWARE AND SUPPORT FOR MOTORIZED DAMPERS.

ELECTRIC UNIT HEATER SCHEDULE										
UNIT DATA					HEATING ELEMENTS					NOTES
TAG	LOCATION	MANUFACTURER	MODEL	TYPE	NO.	TOTAL KW	VOLTS	PHASE	AMPS	
EUH-1	PLUMBING CHASE	BERKO	HUH524TA	ELEC	1	1.8	208	1	9.0	1-2
EUH-2	PLUMBING CHASE	BERKO	HUH524TA	ELEC	1	1.8	208	1	9.0	1-2

**NOTES – ELECTRIC UNIT HEATER:**

- PROVIDE DISCONNECT SWITCH.
- PROVIDE BUILT-IN THERMOSTAT.

3

AIR DEVICE SCHEDULE													
EXAMPLE: CD-10 300 CFM OR SLD-2 3/4" 48" 2 240 CFM													
AIR DEVICE TYPE - CD/SLD/RLD/ELD/EG/SR													
NECK SIZE - 10 (Ø)													
CFM - 300 CFM													
TYPE	UNIT TAG	MANUFACTURER	MODEL	DESCRIPTION	FACE SIZE/LINEAR LENGTH	MOUNTING TYPE	FINISH	CONSTRUCTION	ACCESSORIES	SPECIFICATIONS	REMARKS		
A	SLD-1	TITUS	ML-39	LINEAR DIFFUSER WITH 1" SLOT	6' LINEAR	LAY IN	SEE NOTE	ALUMINIUM	PROVIDE MP-39 PLENUM. PROVIDE WITH YONG REGULATOR ROUND BALANCE DAMPER	1" SLOT, 1-SLOT DIFFUSER	SEE DWGS FOR LOCATION		
B	SLD-2	TITUS	ML-38	LINEAR DIFFUSER WITH 3/4" SLOT	4' LINEAR	LAY IN	SEE NOTE	ALUMINIUM	PROVIDE MP-38 PLENUM. PROVIDE WITH YONG REGULATOR ROUND BALANCE DAMPER	3/4", 2-SLOT DIFFUSER	SEE DWGS FOR LOCATION		
C	SLD-3	TITUS	ML-38	LINEAR DIFFUSER WITH 3/4" SLOT	2' LINEAR	LAY IN	SEE NOTE	ALUMINIUM	PROVIDE MP-38 PLENUM. PROVIDE WITH YONG REGULATOR ROUND BALANCE DAMPER	3/4", 2-SLOT DIFFUSER	SEE DWGS FOR LOCATION		
D	RLD-1	TITUS	MLR-39	LINEAR DIFFUSER WITH 1" SLOT	6' LINEAR	LAY IN	SEE NOTE	ALUMINIUM	PROVIDE MP-39 PLENUM. PROVIDE WITH YONG REGULATOR ROUND BALANCE DAMPER	1" SLOT, 1-SLOT DIFFUSER	SEE DWGS FOR LOCATION		
E	RLD-2	TITUS	MLR-39	LINEAR DIFFUSER WITH 1" SLOT	6' LINEAR	LAY IN	SEE NOTE	ALUMINIUM	PROVIDE MP-39 PLENUM. PROVIDE WITH YONG REGULATOR ROUND BALANCE DAMPER	1" SLOT, 2-SLOT DIFFUSER	SEE DWGS FOR LOCATION		
F	ELD-1	TITUS	MLR-38	LINEAR DIFFUSER WITH 3/4" SLOT	2' LINEAR	LAY IN	SEE NOTE	ALUMINIUM	PROVIDE MP-38 PLENUM. PROVIDE WITH YONG REGULATOR ROUND BALANCE DAMPER	3/4", 1-SLOT DIFFUSER	SEE DWGS FOR LOCATION		
G	ELD-2	TITUS	MLR-39	LINEAR DIFFUSER WITH 1" SLOT	4' LINEAR	LAY IN	SEE NOTE	ALUMINIUM	PROVIDE MP-39 PLENUM. PROVIDE WITH YONG REGULATOR ROUND BALANCE DAMPER	1" SLOT, 1-SLOT DIFFUSER	SEE DWGS FOR LOCATION		
H	ELD-3	TITUS	MLR-39	LINEAR DIFFUSER WITH 1" SLOT	4' LINEAR	LAY IN	SEE NOTE	ALUMINIUM	PROVIDE MP-39 PLENUM. PROVIDE WITH YONG REGULATOR ROUND BALANCE DAMPER	1" SLOT, 2-SLOT DIFFUSER	SEE DWGS FOR LOCATION		
I	CD1	TITUS	TMS	SQUARE CONE DIFFUSER - 4 WAY SUPPLY	24" x 24"	LAY IN	SEE NOTE	STEEL	NECK MOUNTED OPPOSED BLADE DAMPER	6X6 NECK SIZE WITH RECTANGULAR NECK	SEE DWGS FOR LOCATION		
J	CD2	TITUS	TMS	SQUARE CONE DIFFUSER - 4 WAY SUPPLY	24" x 24"	LAY IN	SEE NOTE	STEEL	NECK MOUNTED OPPOSED BLADE DAMPER	9X9 NECK SIZE WITH RECTANGULAR NECK	SEE DWGS FOR LOCATION		
K	SR-1	TITUS	112 RS	SUPPLY REGISTER	12" x 8"	DUCT MOUNT	SEE NOTE	STEEL	DUCT MOUNTED WITH OPPOSED BLADE DAMPER	12" X 8" NECK SIZE	SEE DWGS FOR LOCATION		
L	EG-1	TITUS	350-RL	EXHAUST GRILLE	12" x 6"	DUCT MOUNT	SEE NOTE	STEEL	NECK MOUNTED OPPOSED BLADE DAMPER	12" X 6" NECK SIZE	SEE DWGS FOR LOCATION		

**NOTES:**

- PAINT TO MATCH ARCHITECT'S FINISH REQUIREMENTS.

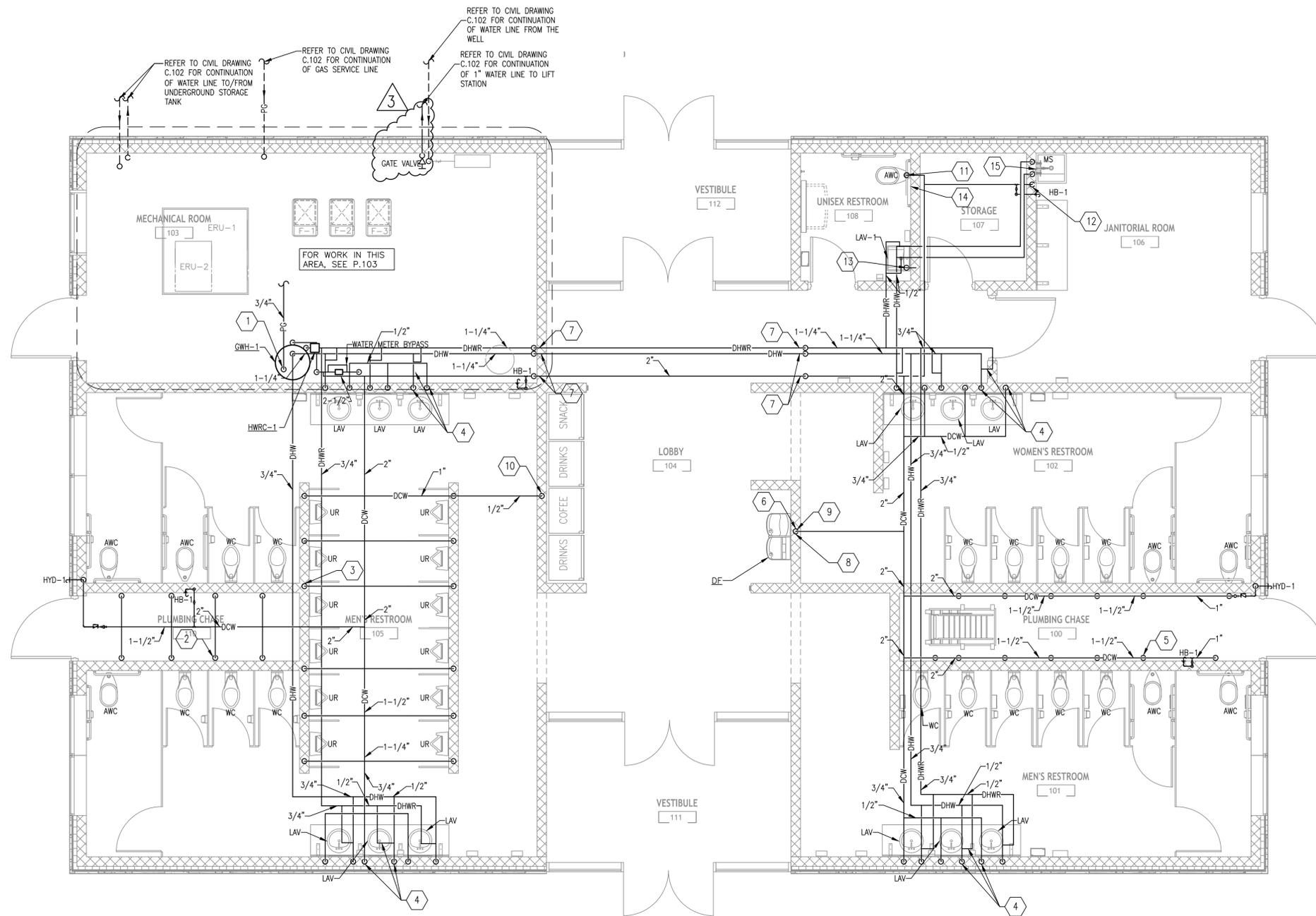
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OHIO DEPARTMENT OF TRANSPORTATION  
**FACD08 RESTROOMS AT PREBLE TRUCK PARKING**  
 170 WB @ MM 01, NEW PARIS, PREBLE COUNTY, OH 45347  
**MECHANICAL SCHEDULES**

PJT#:	25009
DATE:	10/24/2025
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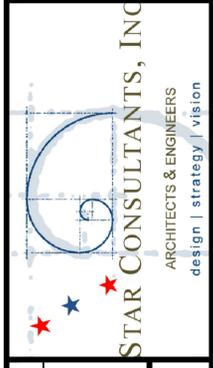
SHEET  
**M.601**



- SHEET NOTES:**
- COORDINATE WITH ARCHITECTURAL SCOPE.
  - THIS SHEET IS FOR PROPANE GAS PIPING & WATER PIPING.
  - DOMESTIC WATER PIPING SHALL BE COPPER WITH SOLDER OR PRESS FIT FITTINGS. THE PIPING SHALL BE INSULATED WITH 1" FIBERGLASS INSULATION.
  - PROVIDE 18" X 18" ACCESS PANEL IN PLUMBING CHASE FOR EACH WATER CLOSET LOCATED IN MEN'S AND WOMEN'S RESTROOMS.
  - PROVIDE 12" X 18" ACCESS PANEL ON WALL BEHIND EACH URINAL IN MEN'S RESTROOM.
  - PROVIDE 12" X 12" ACCESS PANEL ON THE WALL UNDER EACH LAVATORY LOCATED IN MEN'S, WOMEN'S & UNISEX RESTROOMS.
  - COORDINATE ALL PIPE ROUTING WITH STRUCTURAL LAYOUT. ALL PIPING RUN IN ATTIC IS TO BE RUN BELOW BOTTOM CHORD OF TRUSSES. ALL CEILING PENETRATIONS MUST OCCUR BETWEEN TRUSSES.

- PLUMBING CODED NOTES:**
- PROVIDE PIPE SIZE TO MATCH CONNECTION SIZE OF ALL PROPANE GAS EQUIPMENTS BASED ON MANUFACTURER'S RECOMMENDATIONS.
  - PROVIDE 1" NPT DCW CONNECTION FOR WATER CLOSET (TYP. FOR 8).
  - PROVIDE 3/4" DCW CONNECTION FOR URINAL (TYP. OF 12).
  - PROVIDE 1/2" DCW, DHW & DHWR CONNECTION FOR LAVATORY (TYP. OF 3)
  - PROVIDE 1" NPT DCW CONNECTION FOR WATER CLOSET (TYP. OF 13).
  - PROVIDE 1/2" DCW CONNECTION FOR ELECTRIC WATER COOLER EWC-1.
  - BOTTOM OF PIPE SHALL BE 14"-6" AFF TO ACCOMMODATE FOR LOBBY AND VESTIBULE CEILING HEIGHT.
  - PROVIDE 5 MICRO CARBON FILTER ON WATER SUPPLY TO EWC-1. INSTALL IN AN ACCESSIBLE LOCATION.
  - PROVIDE 12" X 12" ACCESS PANEL ON WALL BEHIND DRINKING FOUNTAIN.
  - PROVIDE 1/2" DCW WITH 5 MICRO CARBON FILTER ON WATER SUPPLY TO SERVE COFFEE MACHINE. PROVIDE GRAY 1/2" DCW WATER VALVE BOX #MB1AB AND PROVIDE INLINE DUAL CHECK TO VENDING MACHINE.
  - PROVIDE 1" NPT CW CONNECTION FOR WATER CLOSET.
  - PROVIDE 1/2" CW CONNECTION TO SERVE MOP SINK.
  - PROVIDE 1/2" CW CONNECTION TO SERVE LAVATORY.
  - PROVIDE 18" X 18" ACCESS PANEL ON WALL BEHIND WATER CLOSET SERVING UNISEX RESTROOM.
  - PROVIDE 12" X 12" ACCESS PANEL SERVING MOP SINK ON WALL ABOVE MOP SINK.

REV#	DATE	REMARKS
1	12/09/2025	ADD RESPONSE
2	02/04/2026	BID SET
3	02/23/2026	ADDENDUM 01



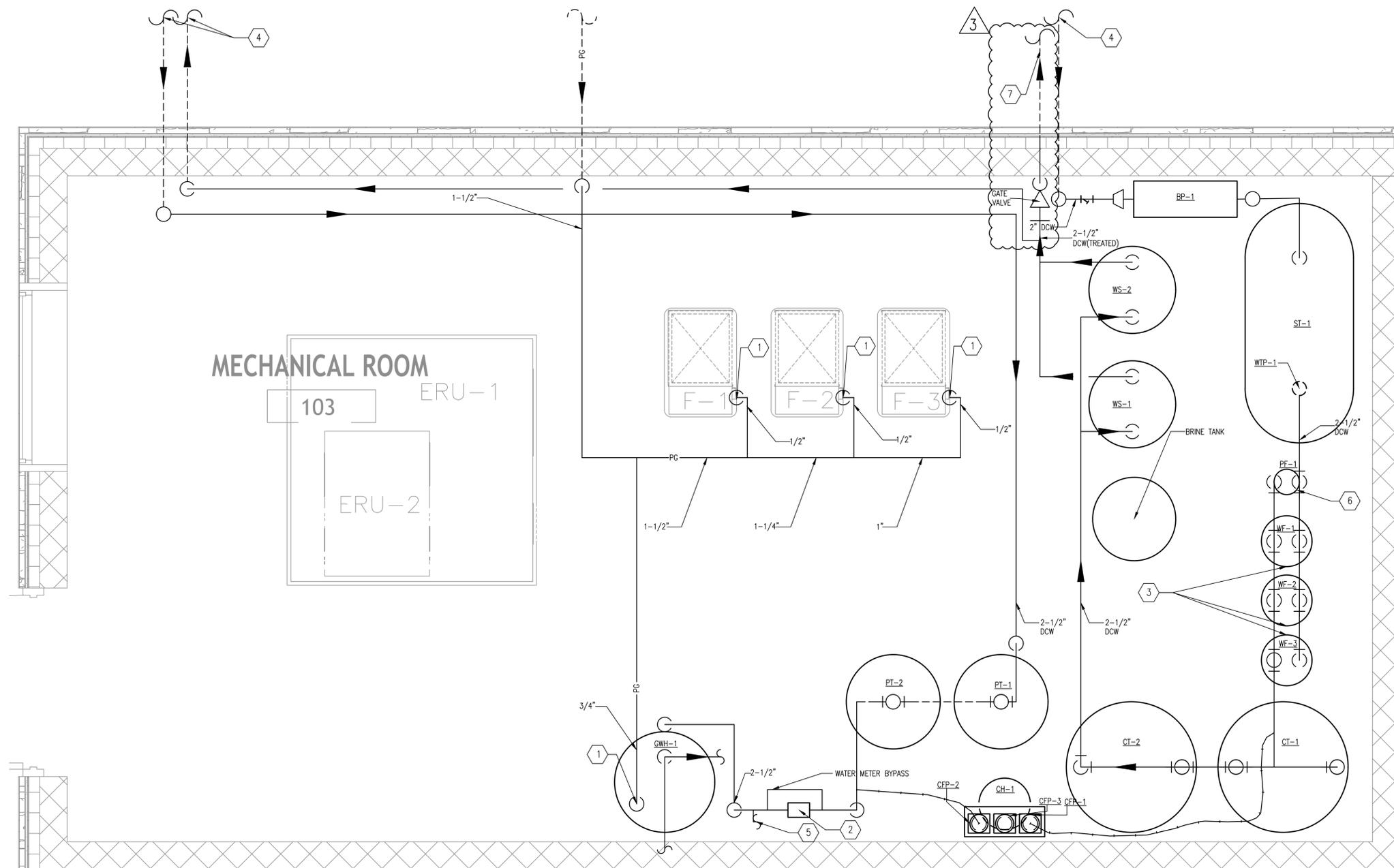
OHIO DEPARTMENT OF TRANSPORTATION  
**FACD08 RESTROOMS AT PREBLE TRUCK PARKING**  
 170 WB @ MM 01, NEW PARIS, PREBLE COUNTY, OH 45347  
**UTILITIES PLUMBING PLAN**

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SHEET  
**P.102**

**A UTILITIES PLUMBING PLAN**  
 1/4" = 1'-0"





- SHEET NOTES:**
- COORDINATE WITH ARCHITECTURAL SCOPE.
  - THIS SHEET IS AN ENLARGED MECHANICAL ROOM PLUMBING PLAN FOR DOMESTIC COLD WATER AND WATER EQUIPMENT.
  - DOMESTIC WATER PIPING SHALL BE COPPER WITH SOLDER OR PRESS FIT FITTINGS. THE PIPING SHALL BE INSULATED WITH 1" FIBERGLASS INSULATION.
  - SEE SHEET P.501 FOR WATER EQUIPMENT INSTALLATION DIAGRAM.
  - COORDINATE ALL EQUIPMENT LOCATIONS WITH MECHANICAL, ARCHITECTURAL AND STRUCTURAL ELEMENTS AND LOCATION WILL BE FINALIZED BASED ON APPROVED SHOP DRAWINGS AND MANUFACTURER'S CLEARANCES.
- PLUMBING CODED NOTES:**
- PROVIDE PIPE SIZE TO MATCH CONNECTION SIZE OF ALL PROPANE GAS EQUIPMENTS BASED ON MANUFACTURER'S RECOMMENDATIONS.
  - CONTRACTOR SHALL PROVIDE WATER METER, WM-1 AT THIS LOCATION.
  - CONTRACTOR SHALL PROVIDE BELL & GOSSETT #SA 1 CONTROL VALVE ON INLET SIDE OF FILTER.
  - DCW IS SUPPLIED FROM THE WELL FOR WATER TREATMENT AND AFTER TREATMENT STORED IN UNDERGROUND STORAGE TANK ST-2. CONTRACTOR SHALL PROVIDE WELL PUMP, WP-1 INSIDE THE WELL AS WELL AS NECESSARY PIPING, VALVES, ETC. AS SHOWN IN DRAWING P.501(A) - WATER EQUIPMENT LAYOUT DIAGRAM. REFER TO CIVIL DRAWING C.104 FOR WELL AND UNDERGROUND STORAGE TANK LOCATION.
  - 2-1/2" DCW SUPPLY FROM MECHANICAL ROOM, SEE SHEET P.102.
  - PROVIDE ALL NECESSARY PIPING, VALVES AND CARTRIDGES AND MOUNT RBE-FILTER WELDED SUBPART-LEGS.
  - 1" DCW SUPPLY FROM BUILDING TO LIFT STATION. SEE CIVIL DRAWINGS FOR PIPE CONTINUATION TO LIFT STATION VAULT.

(A) ENLARGED MECHANICAL ROOM PLUMBING PLAN  
3/4" = 1'-0"

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1	12/09/2025	AH/RESPONSE
2	02/04/2026	BID SET
3	02/25/2026	ADDENDUM 01



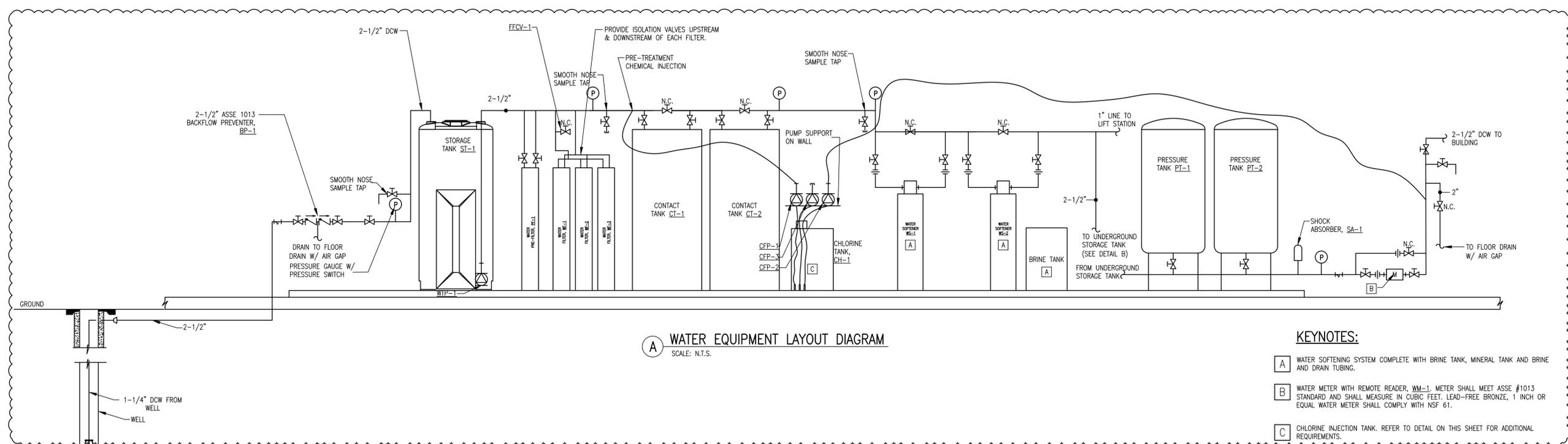
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OHIO DEPARTMENT OF TRANSPORTATION  
FACD08 RESTROOMS AT PREBLE TRUCK PARKING  
170 WB @ MM 01, NEW PARIS, PREBLE COUNTY, OH 45347  
ENLARGED MECHANICAL ROOM PLUMBING PLAN

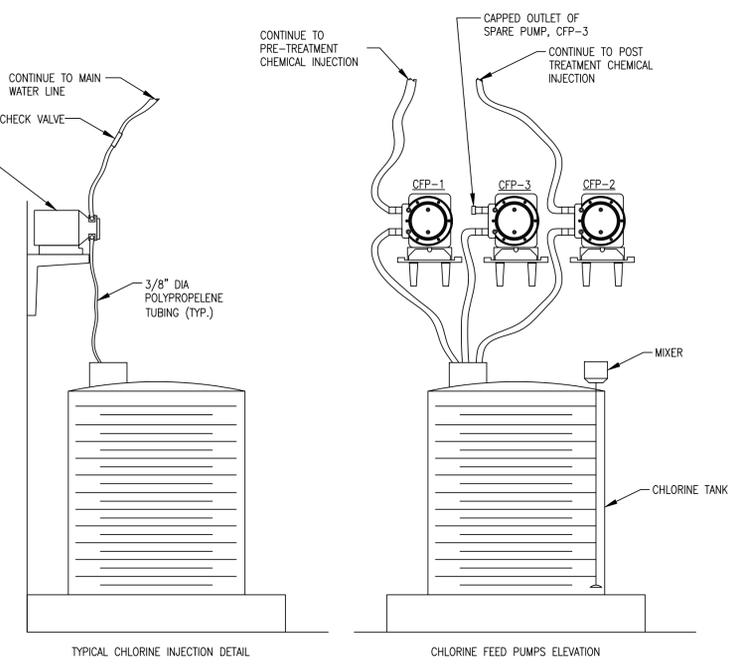
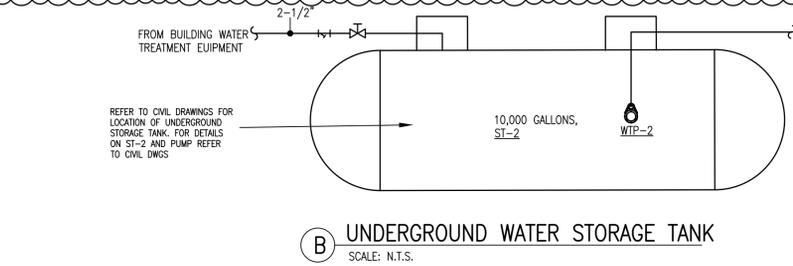
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SHEET  
P.103

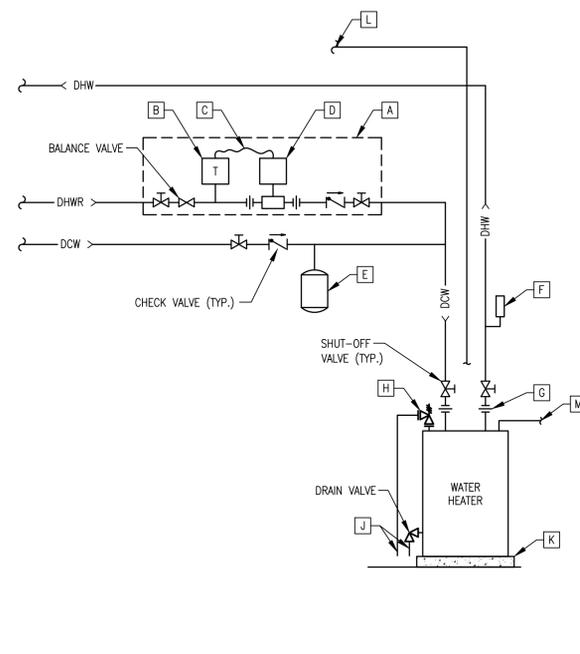


- KEYNOTES:**
- A** WATER SOFTENING SYSTEM COMPLETE WITH BRINE TANK, MINERAL TANK AND BRINE AND DRAIN TUBING.
  - B** WATER METER WITH REMOTE READER, WM-1. METER SHALL MEET ASSE #1013 STANDARD AND SHALL MEASURE IN CUBIC FEET. LEAD-FREE BRONZE, 1 INCH OR EQUAL WATER METER SHALL COMPLY WITH NSF 61.
  - C** CHLORINE INJECTION TANK. REFER TO DETAIL ON THIS SHEET FOR ADDITIONAL REQUIREMENTS.

- DESIGN NOTES:**
1. DOMESTIC WATER SERVICE IS BASED ON THE FOLLOWING CRITERIA USING NORMAL FLOW FIXTURES.
  2. PEAK DEMAND FLOW = 15 GPM.
  3. INSTALLATION SHALL CONFORM TO OPC AND AMERICAN WATER WORKS ASSOCIATION.
  4. ALL PIPING UP TO THE METER SHALL BE SCH. 80 PVC ASTM D1785.
  5. ALL VALVES UP TO THE METER SHALL BE SCH. 80 PVC ASTM D2467 OR ASTM 2464 BALL VALVES.
  6. WATER FILTERS (WF-1, WF-2, WF-3) SHALL BE PIPED IN PARALLEL TO ALLOW EQUAL FLOW THROUGH EACH FILTER.
  7. FILTER MEDIA SHALL BE PRO-OX MANGANESE DIOXIDE OR EQUIVALENT INSTALLED PER MANUFACTURER'S REQUIREMENTS. GRAVEL BOTTOM LAYER AND TURBDEX MEDIA AS PROVIDED BY PRO-OX SHALL ALSO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
  8. SYSTEM SHALL OPERATE BETWEEN 40-60 PSI.
  9. N.C. INDICATES NORMALLY CLOSED DURING OPERATION.
  10. ALL DRAINS TERMINATING AT A FLOOR DRAIN MUST BE INSTALLED WITH AN AIR GAP. ALL AIR GAPS MUST BE AT LEAST TWO PIPE DIAMETERS.
  11. THE SOFTENING GOAL FOR THIS SYSTEM IS TO ACHIEVE 80-90MG/L AS CaCO3 HARDNESS. NO BLENDING IS REQUIRED.

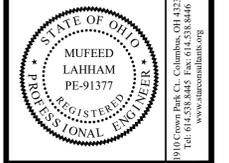


- DESIGN NOTES:**
1. CHLORINE FEED PUMPS SHALL BE SECURELY WALL-MOUNTED USING MANUFACTURER-SUPPLIED BRACKET AND SHALL BE SET 5' TO 6' AFF. IN A CLEAR, UNOBSTRUCTED LOCATION.
  2. WELL PUMP AND CHLORINE FEED PUMP OPERATION: THE PROPOSED CHLORINE FEED PUMP SHALL BE ELECTRICALLY CONNECTED TO THE WELL PUMP STARTER TO ENABLE THE CHLORINE FEED PUMP TO OPERATE DURING WELL PUMP OPERATION.



- KEYNOTES:**
- A** MOUNT CIRCULATING PUMP, AQUASTAT AND SHUT-OFF VALVES BELOW CEILING IN ACCESSIBLE LOCATION.
  - B** AQUASTAT TO START PUMP AS TEMPERATURE DROPS BELOW 100°F (ADJUSTABLE).
  - C** ALL LOW-VOLTAGE WIRING FROM PUMP TO AQUASTAT BY PLUMBING CONTRACTOR.
  - D** HOT WATER RECIRCULATING PUMP, HWRC-1
  - E** THERMAL EXPANSION TANK, ET-1. EXPANSION TANK SHALL BE SUPPORTED INDEPENDENTLY ACCORDING TO MFR'S INSTRUCTIONS.
  - F** THERMOMETER.
  - G** DIELECTRIC UNION FOR DISSIMILAR METAL. TYPICAL.
  - H** 125 PSI TEMPERATURE/PRESSURE RELIEF VALVE.
  - J** PIPE FULL SIZE TO FLOOR DRAIN OR MOP SINK.
  - K** MINIMUM 4" HIGH CONCRETE HOUSEKEEPING PAD.
  - L** 3" EXHAUST VENT TERMINATION THROUGH WALL. MAINTAIN 10' FROM FRESH AIR INTAKES.
  - M** 1-1/2" PROPANE GAS CONNECTION.

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