# Addendum 01

DOCUMENT 00 91 00

**DATE:** November 11, 2026

**PROJECT:** Fort Recovery Ticket Booth and Referee Building
230 William Street
Fort Recovery, OH 45846

**PROJECT #:** 26070.00

**OWNER:** Fort Recovery Local Schools
400 E. Butler Street
Fort Recovery, OH 45846

**ARCHITECT:** Garmann Miller
38 South Lincoln Drive
P.O. Box 71
Minster, Ohio 45865

**TO:** Prospective Bidders

This addendum form is a part of the Contract Documents and modifies the Construction Documents dated October 28, 2026, with amendments and additions noted below.

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

This addendum consists of 3 pages, 2 specification sections, and 24 re-issued drawing sheets.

## FOR INFORMATION ONLY

1. Pre-bid meeting minutes and the pre-bid meeting sign-in sheet are attached. Included in the pre-bid meeting minutes are all pre-bid RFIs and responses to date.

## CHANGES TO THE PROJECT MANUAL

1. Section 03 35 11 - Concrete Floor Finishes
   a. Replace section in its entirety.
2. Section 08 31 00 - Access Doors and Panels
   a. Add section.

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## CHANGES TO THE DRAWINGS

1. Sheet G0.1 – Cover Sheet
   a. Updated to correct address.
2. Sheet G1.0 – Code Plan
   a. Updated to correct address.
3. Sheet LD1.1 – Site Demolition Plan
   a. Updated to correct address.
   b. Added word 'sawcut' to notes D2 and D3
   c. Revised note D3 to read: Remove and salvage fence posts and fence for re-installation.
      i. See site plan for location of this work
   d. Added note D10 – Remove masonry column and associated foundation
4. Sheet L1.1 – Site Layout and Materials Plan
   a. Updated to correct address.
   b. Note S11: added 'and see civil drawings for grading information' to the note.
   c. Removed an S6 note from the plan, reference revised drawing for bubbled area.
5. Sheet L2.1 – Site Details
   a. Updated to correct address.
6. Sheet A0.1 – General Notes, Mounting Heights, Wall Types and Symbols
   a. Updated to correct address.
   b. Changed metal stud to wood stud in W4.5 wall type.
7. Sheet AD1.1 – First Floor Demolition Plan and Reflected Ceiling Demolition Plan
   a. Updated to correct address.
8. Sheet A1.1 – First Floor Plan, Reflected Ceiling Plan and Enlarged Restroom Plan
   a. Updated to correct address.
   b. Updated prefinished downspout keynote description to match existing.
   c. Added 1x trim – painted along ceilings.
   d. Updated toilet accessory number TA3.2 to TA3.1, and TA9.4 to TA6.1.
   e. Adjusted wall bearing height on referee building to 10'-0" and locker room addition to 10'-1 1/2"
9. Sheet A2.1 – Building Elevations
   a. Updated to correct address.
   b. Updated prefinished downspout keynote description to match existing.
   c. Adjusted wall bearing height on referee building to 10'-0" and locker room addition to 10'-1 1/2"
10. Sheet A3.1 – Building and Wall Sections Details
    a. Updated to correct address.
    b. Added 1x trim – painted along ceilings.
    c. Adjusted wall bearing height on referee building to 10'-0" and locker room addition to 10'-1 1/2"
11. Sheet A5.1 – Roof Plan and Details
    a. Updated to correct address.
    b. Updated prefinished downspout keynote description to match existing.
12. Sheet A5.2 – Roof Details
    a. Updated to correct address.
    b. Added 1x trim – painted along ceilings.
13. Sheet A6.1 – Door Schedule, Types and Details
    a. Updated to correct address.

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b. Added window detail callouts to window elevation.

14. Sheet A9.1 – Finish Plan and Schedule, Casework Elevations and Details
    a. Updated to correct address.
    b. Added 1x trim – painted along ceilings.
15. Sheet S0.1 – General Structural Information
    a. Updated to correct address.
16. Sheet S1.1 – Structural Plans
    a. Updated to correct address.
17. Sheet S2.1 – Structural Details
    a. Updated to correct address.
18. Sheet S2.2 – Structural Details
    a. Updated to correct address.
19. Sheet MP1.1 – General Notes, Abbreviations, Legends and Sheet Index
    a. Updated to correct address.
20. Sheet MP1.2 – Site Plumbing Plan
    a. Updated to correct address.
21. Sheet MP2.1 – Mechanical and Plumbing Plan
    a. Updated to correct address.
22. Sheet E1.1 – General Notes, Details, Legends, and Site Plan
    a. Updated to correct address.
23. Sheet E2.1 – Electrical Plans
    a. Updated to correct address.
24. Sheet E3.1 – Electrical Schedules
    a. Updated to correct address.
    b. Added acceptable equals to the luminaire schedule.

## ATTACHMENTS

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

Pre-bid meeting minutes and the pre-bid meeting sign-in sheet.

Specification Sections: 03 35 11, 08 31 00

Drawing Sheets: G0.1, G1.0, LD1.1, L1.1, L2.1, A0.1, AD1.1, A1.1, A2.1, A3.1, A5.1, A5.2, A6.1, A9.1, S0.1, S1.1, S2.1, S2.2, MP1.1, MP1.2, MP2.1, E1.1, E2.1, E3.1

## END OF ADDENDUM

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## Pre-Bid meeting

| | | | |
|---|---|---|---|
| Project name | Fort Recovery Ticket Booth and Referee Building | GM project no. | 26070.00 |
| Meeting date | 11/4/2026 | Meeting location | Barrenbrugge Athletic Park |

## Outline

1. Attendees: Sign in sheet (see attached).

2. Introductions

3. Project overview

    a. Contract A:
        i. General Construction:
            1. Ticket booth addition to the existing concession stand/restroom building and a standalone building for a referee locker room and storage. All new construction will be typical wood framed construction with wood trusses and a brick veneer.
        ii. Site Work:
            1. Summary of site work includes but not limited to: Demolition, grading, utilities, fencing, concrete work, concrete curbing, ADA signage, seeding and minimal landscape work. Reference site and civil drawings for entire scope of work.
        iii. Fire Protection Work:
            1. N/A
        iv. Plumbing Work:
            1. Provide new fixtures and a new water heater for the new standalone referee locker room and storage building. Provide new sanitary sewer and domestic piping as shown in the referee locker room and storage building. No scope in the ticket booth addition.
        v. HVAC Work:
            1. Provide a new cabinet unit heater, 1.5 ton mini split, and exhaust fans into the new standalone referee locker room and storage. No scope in the ticket booth addition.
        vi. Electrical Work:
            1. Provide lighting, power, and equipment connections for the new standalone referee locker room/storage building and in the ticket booth addition. Provide panel feed from the existing electric service on site, and reroute the existing underground electric feeds to the existing concession building, and locker room building as required to be out of the footprint of the new building and addition.

4. Bidding
    a. Date: November 18, 2026 at 2:00.00 PM
    b. Location: Fort Recovery Local Schools

Attn. Tony Stahl
400 E Butler St
Fort Recovery, Ohio 45846

c. Use the bid form provided
The bid opening will be at 2:00 on November 18, 2026 at Fort Recovery High School in the administration conference room.
d. Plans have been submitted to **Miami County** for review and permits, costs to be paid by owner.
e. Plumbing permit by Plumbing Contractor.

5. Bid categories
   a. General construction
      i. Single Prime Contractor is responsible for securing necessary subcontractors.

6. Alternates
   a. Alternate 1: Recenter Existing Brick Signage

7. Contingency amounts to be included in bid
   a. General construction: General Contract; Include the stipulated sum/price of $35,000.00 for use upon Owner's instructions.

8. Contracts will be administered by Garmann/Miller & Associates, Inc.
   a. All questions and correspondence to go through Garmann Miller
   b. All RFIs to go through Garmann Miller
   c. Pay applications to go to Garmann Miller
   d. Garmann Miller will schedule a preconstruction meeting with the contractor after the notice of award

9. Schedule
   a. Tentative award date – December 14 (BOE meeting) or earlier if needed
   b. Start of construction – As soon as possible after award
   c. Milestone dates – Completion required before first football game
   d. Completion date
      i. Liquidated Damages – included as required; refer to Article 8 in the supplementary conditions.

10. General conditions
    a. Waste Removal: Each prime contractor
    b. General Contractor
       i. Responsible for construction schedule and general supervision
       ii. Submit preliminary schedule 10 days after notice to proceed
       iii. Responsible for scheduling and administering job meetings; prepare agenda, responsible for meeting minutes and distributing copies
    c. Responsible for field office
    d. Responsible for telephone service

e. Responsible for sanitary facilities
f. Fencing
g. Exterior and interior enclosures

11. Temporary electricity
    a. Contractor may use existing facility electricity. If additional electric is needed, above what is available on site, it will be at the contractor's expense to provide.
        i. Temporary service to other job trailer is the responsibility of individual requiring
    b. Cost of electricity: By Owner

12. Temporary heat
    a. Prior to building enclosure: Contractor requiring
    b. After building enclosure:
        i. Method by HVAC contractor
        ii. Cost of electricity/fuel: By owner. Temporary equipment cost by contractor (as required)

13. Temporary water
    a. Contractor may use existing facility water supply.
    b. Cost of water: By owner

14. Substitution request by 10 days prior to bid.

15. Correspondence
    a. Correspondence to run through the Garmann Miller
        i. Project Manager – **Matt Kremer – mkremer@creategm.com**
        ii. Architectural/ General – **Ryan Heitkamp– rheitkamp@creategm.com**
        iii. Mechanical/Plumbing– **Caleb Evers– cevers@creategm.com**
        iv. Electrical – **Chad Schroer– cschroer@creategm.com**
        v. Construction Administration – **Tyler Schmit – tschmit@creategm.com**

16. Open Discussion/Questions/Pre-bid RFIs

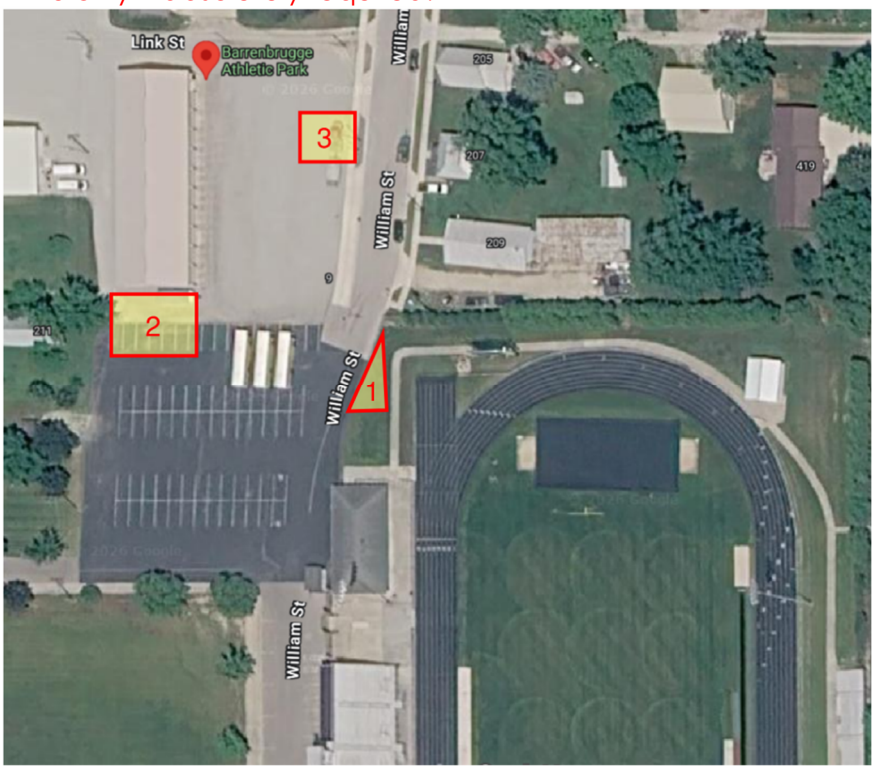
- Q: Who will pay for the plumbing permit?
- A: The plumbing contractor shall submit the invoice to the owner for direct payment. The plumbing contractor will be responsible for obtaining the permit.

- Q: If the contractors (or subcontractors) need additional site visits prior to bid, can they be granted access to the building?
- A: Yes, but arrangements should be made with the district prior (contact information below)

  Kevin Will
  Maintenance Supervisor
  Ph: 419-375-4139
  Email: willk@fortrecoveryschools.org

Tony Stahl
Superintendent
Fort Recovery Local Schools
(419)-375-4139
stahlt@fortrecoveryschools.org

- Q: Is there lay down area that can be used during construction.
- A: Yes, coordinate all arrangements with the owner during construction. Locations (in order of owner preference) below. Owner's preference would be to utilize location #3 only if absolutely required.




- Q: The sealed concrete spec has conflicting information. It is not clear whether a penetrative sealer or a topical water-based (WB) epoxy system. The penetrative sealer is also conflicting because it calls for non-slip additive which cannot be added to the product. Please clarify if the sealed concrete is to be a clear penetrative sealer or the WB epoxy that can be clear or tinted?
- A: This will be addressed in Addendum 01

- Q: **Gauge confirmation -** Frames are typically two gauges heavier than the doors (for example, 14-gauge frames with 16-gauge doors). Can you confirm the intended gauge for both the doors and frames?
- A: Both doors and frames are specified at 16 gauge. Refer to Section 08 11 13.

- Q: **Alternate -** Would the design team accept standard 16-gauge frames with 18-gauge doors and polystyrene cores? We're glad to quote the doors as specified, but they are a special-order item and carry additional cost.
- A: Both doors and frames shall be 16 gauge

- Q: **Window W1 –** Is this window double hung, single hung, fixed, or a storefront window?
- A: This window is a standard double hung window. Refer to Section 08 51 13.

- Q: **Window W1 –** Is this window a dark bronze or clear anodized finish?
- A: Dark Bronze. Refer to Section 08 51 13.

- Q: **Gas Line Relocation –** Gas Line Relocation – Who is responsible for the gas line relocation, the gas company or plumbing contractor? Typically, the gas company will take care of gas line relocations up to the building.
- A: This is a house line (post-meter-feeding football locker room) and is the responsibility of the plumber.

- Q: **Wall Finish –** What should the ticket booth walls be finished with, drywall or T1-11?
- A: All walls will have a T1-11 finish.

- Q: **Access Panel –** Could you please provide a specification for the access panel in the Referee Building?
- A: A Spec section will be provided for section 08 31 00 in addendum 01.

- Q: **Cast Stone Masonry –** Detail 14/A6.1 refers to cast stone masonry sills, but the building elevations don't show any; should there be cast stone sills?
- A: Yes, there will be cast stone sills. Will be added to elevations in addendum 01.

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**Sign-in Sheet**

| | | | |
|---|---|---|---|
| Project Name | Fort Recovery Ticket Booth and Referee | GM Project No. | 26070.00 |
| Meeting Location | Barrenbrugge Athletic Park | Meeting Date | 11/4/2026 |

Purpose Pre-bid Meeting

**Attendees**

| | | | |
|---|---|---|---|
| Name | Matt Kremer | Phone | 419-628-4246 |
| Business/Title | Garmann / Miller – Project Manager | | |
| Email | mkremer@creategm.com | | |
| Name | MATT NIEMEYER | Phone | 419-605-5512 |
| Business/Title | GRAND LAKE BUILDING CO. | | |
| Email | MATT@GRANDLAKEBUILDINGCO.COM | | |
| Name | Keith Cantrell | Phone | 937 492-7432 |
| Business/Title | Westerheide | | |
| Email | keith@westerheidecc.com | | |
| Name | JIM TROUT | Phone | 937-877-8278 |
| Business/Title | OUTDOOR ENTERPRISE | | |
| Email | JIM@OUTDOOR-ENTERPRISE.COM | | |
| Name | Ryan Lorentz | Phone | 317 600 4097 |
| Business/Title | Deboss Specialties INC / Owner | | |
| Email | ryan@debossinc.com | | |
| Name | Kurt Baumer | Phone | 419-953-3920 |
| Business/Title | BAUMER CONSTRUCTION / OWNER | | |
| Email | Kurt@BAUMERCONSTRUCTION.COM | | |
| Name | Brandon Forsthoefel | Phone | 419-628-2327 |
| Business/Title | HA Dorsten - PM | | |
| Email | estimating@hadorsteninc.com | | |
| Name | Ashley Reinhart | Phone | 419-678-2000 |
| Business/Title | Muhlenkamp Building Corp | | |
| Email | ashley-mbc@bright.net | | |

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| | | |
|---|---|---|
| Name | Dave Koup | Phone |
| Business/Title | B&D Contracting Inc / President | |
| Email | dkoup@frontier.com | |
| Name | | Phone |
| Business/Title | | |
| Email | | |
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**SECTION 03 35 11**
**CONCRETE FLOOR FINISHES**

## PART 1 GENERAL

### 1.01 SECTION INCLUDES

A. Surface treatments.

B. Clear coatings.

C. Slip-resistant coatings.

### 1.02 RELATED REQUIREMENTS

A. Section 03 30 00 - Cast-in-Place Concrete: Finishing of concrete surface to tolerance; floating, troweling, and similar operations; curing.

B. Section 03 30 00 - Cast-in-Place Concrete: Curing compounds that also function as sealers.

### 1.03 ADMINISTRATIVE REQUIREMENTS

A. Coordination:

B. Coordinate the work with concrete floor placement and concrete floor curing.

### 1.04 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Manufacturer's published data on each finishing product, including information on compatibility of different products and limitations.

C. Maintenance Data: Provide data on maintenance and renewal of applied finishes.

### 1.05 MOCK-UPS

A. For coatings, construct mock-up area under conditions similar to those that will exist during application, with coatings applied.

B. Locate where directed.

C. Mock-up may remain as part of the work.

### 1.06 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials in manufacturer's sealed packaging, including application instructions.

### 1.07 FIELD CONDITIONS

A. Do not finish floors until interior heating system is operational.

B. Maintain ambient temperature of 50 degrees F minimum.

## PART 2 PRODUCTS

### 2.01 APPLICATIONS

A. High Gloss Clear Sealer
   1. Use at following locations: Where sealed concrete finish indicated on Drawings.

B. Slip-Resistant Coating: Finely-ground aggregates added to coatings.
   1. Use at the following locations: Where sealed concrete finish indicated on the Drawings.

### 2.02 COATINGS

A. High Gloss Clear Coating: Transparent, nonyellowing, acrylic polymer-based coating.
   1. Composition: Solvent-based.
   2. Products:
      a. Dayton Superior Corporation; PENTRA-HARD® GUARD: www.daytonsuperior.com/
      b. Kaufman Products Inc; Krystal ReFresh: www.kaufmanproducts.net/#sle.

c. PROSOCO, Inc; LSGuard: www.prosoco.com/consolideck/

B. Slip-Resistant Coating:
1. Plastic Aggregate: Finely ground polymer for addition to coatings for slip resistance.
a. Products:
1) Dayton Superior Corporation; Grip Aid: www.daytonsuperior.com/#sle.
2) Kaufman Products Inc; SureGrip: www.kaufmanproducts.net/#sle.
3) PROSOCO, Inc: www.prosoco.com/consolideck/.
4) Substitutions: See Section 01 60 00 - Product Requirements.

## PART 3 EXECUTION

### 3.01 EXAMINATION

A. Verify that floor surfaces are acceptable to receive the work of this section.

B. Verify that flaws in concrete have been patched and joints filled with methods and materials suitable for further finishes.

### 3.02 GENERAL

A. Apply materials in accordance with manufacturer's instructions.

### 3.03 COATING APPLICATION

A. Surface Preparation:
1. Verify that surface is free of previous coatings, sealers, curing compounds, water repellents, laitance, efflorescence, fats, oils, grease, wax, soluble salts, residues from cleaning agents, and other impediments to adhesion.
2. Verify that water vapor emission from concrete and relative humidity in concrete are within limits established by coating manufacturer.
3. Floors to be mechanically prepared (i.e.shotblast, sandblast) to result in a Concrete Surface Profile (CSP) of between an International Concrete Repair Institute i.e., shotblast, sandblast, to result in a Concrete Surface Profile (ICRI) CSP #1-2, or the texture of medium grit sandpaper to ensure proper adhesion.
4. Protect adjacent non-coated areas from drips, overflow, and overspray; immediately remove excess material.

B. Apply coatings in accordance with manufacturer's instructions, matching approved mock-ups for color, special effects, sealing and workmanship.

C. Mixing: Mix thoroughly prior to each use.

D. Placement:
1. Apply in uniform, even applications.
2. Surface and ambient temperature is recommended and relative humidity to be within manufacturers recommend ranges.
3. Two coats are required
a. First Coat: Pour the mixed material onto the floor to be coated. A squeegee can be used to uniformly spread the epoxy on the surface. Immediately back roll with a 1/4 - 3/8 inch phenolic core roller to even out the surface. Avoid over-rolling or over-working the material.
b. Slip Resistant Surface
1) Apply a base coat of Spec Cote WB to be applied and clean dry aggregate (silica sand) broadcast on the tacky base coat to the desired texture finish.
2) After the base coat has cured, broom away any loose aggregate and apply a thin topcoat of Spec Cote WB to encapsulate and seal the aggregate.
c. Second coat can be applied when the first coat is completely dry and tack free, but must be applied within 16 hours to achieve adequate adhesion and bond between coats to avoid

d. Before second coat application check for the presence of imperfections such as epoxy blush, air bubbles etc. Correct imperfections prior to application.

**3.04 PROTECTION**

A. Protect installed coatings from subsequent construction operations.

B. Do not permit traffic over unprotected floor surface.

**END OF SECTION**

## SECTION 08 31 00
## ACCESS DOORS AND PANELS

### PART 1 GENERAL

### 1.01 SECTION INCLUDES

A. Wall access door and frame units.

### 1.02 RELATED REQUIREMENTS

A. Section 09 91 23 - Interior Painting: Field paint finish.

### 1.03 REFERENCE STANDARDS

A. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Required Hardness, Solution Hardened, and Bake Hardenable; 2026.

### 1.04 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide sizes, types, finishes, hardware, scheduled locations, and details of adjoining work.

C. Shop Drawings: Indicate exact position of each access door and/or panel unit.

D. Manufacturer's Installation Instructions: Indicate installation requirements.

### 1.05 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum five years documented experience.

### 1.06 PROJECT CONDITIONS

A. Coordinate the work with other work requiring access doors.

### PART 2 PRODUCTS

### 2.01 ACCESS DOORS AND PANELS ASSEMBLIES

A. Wall-Mounted Units:
   1. Location: As indicated on drawings.
   2. Material: Steel, hot-dipped zinc or zinc-aluminum-alloy coated.
   3. Size: 24 inch by 24 inch.
   4. Wall Mounting Criteria: Provide surface-mounted face frame and door surface flush with frame surface.

### 2.02 WALL-MOUNTED UNITS

A. Manufacturers:
   1. Basis of Design: ACUDOR Products Inc: www.acudor.com.
      a. Wall Units: MS-7000 Series
   2. Other Acceptable Manufacturers:
      a. Cendrex, Inc: www.cendrex.com.
      b. Karp Associates, Inc: www.karpinc.com.
      c. Milcor, Inc: www.milcorinc.com.
      d. Nystrom, Inc: www.nystrom.com.
   3. Substitutions: See Section 01 60 00 - Product Requirements.

B. Wall-Mounted Units: Factory fabricated door and frame, fully assembled units with corner joints welded, filled and ground flush; square and without rack or warp; coordinate requirements with type of installation assembly being used for each unit.
   1. Style: Exposed frame with door surface flush with frame surface.

2. Heavy Duty Frames: 14 gage, 0.0747 inch, minimum thickness.
3. Heavy Duty Single Steel Sheet Door Panels: 14 gage, 0.0747 inch, minimum thickness.
4. Hardware:
    a. Hinges for Non-Fire-Rated Units: Continuous piano hinge.
    b. Handle: Fixed.
    c. Latch/Lock: Tamperproof tool-operated cam latch.

## PART 3 EXECUTION

### 3.01 EXAMINATION

A. Verify that rough openings are correctly sized and located.

B. Begin installation only after substrates have been properly prepared, and if the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### 3.02 INSTALLATION

A. Install units in accordance with manufacturer's instructions.

B. Install frames plumb and level in openings, and secure units rigidly in place.

C. Position units to provide convenient access to concealed equipment when necessary.

**END OF SECTION**

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# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

**230 WILLIAM ST - FORT RECOVERY, OH 45846** ⚠1

**CONSTRUCTION DOCUMENTS** **10/28/2026**

## SHEET INDEX

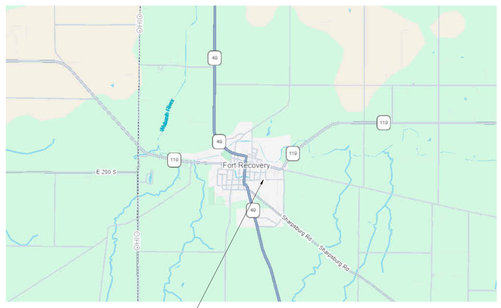
GENERAL / CIVIL / LANDSCAPE / ARCHITECTURAL / STRUCTURAL / PLUMBING / MECHANICAL / ELECTRICAL


| SHEET NUMBER | SHEET NAME |
|---|---|
| G0.1 | COVER SHEET |
| G1.0 | CODE PLAN |
| SS1.1 | SITE SURVEY |
| C1.1 | UTILITY PLAN |
| C1.2 | GRADING PLAN |
| LD1.1 | SITE DEMOLITION |
| L1.1 | SITE LAYOUT AND MATERIALS |
| L2.1 | SITE DETAILS |
| A0.1 | GENERAL NOTES, MOUNTING HEIGHTS, WALL TYPES AND SYMBOLS |
| AD1.1 | FIRST FLOOR DEMOLITION PLAN AND REFLECTED CEILING DEMOLITION PLAN |
| A1.1 | FIRST FLOOR PLAN, REFLECTED CEILING PLAN AND ENLARGED RESTROOM PLAN |
| A2.1 | BUILDING ELEVATIONS |
| A3.1 | BUILDING AND WALL SECTIONS DETAILS |
| A5.1 | ROOF PLAN AND DETAILS |
| A5.2 | ROOF DETAILS |
| A6.1 | DOOR SCHEDULE, TYPES AND DETAILS |
| A9.1 | FINISH PLAN AND SCHEDULE, CASEWORK ELEVATIONS AND DETAILS |
| S0.1 | GENERAL STRUCTURAL INFORMATION |
| S1.1 | STRUCTURAL PLANS |
| S2.1 | STRUCTURAL DETAILS |
| S2.2 | STRUCTURAL DETAILS |
| MP1.1 | GENERAL NOTES, ABBREVIATIONS, LEGENDS AND SHEET INDEX |
| MP1.2 | SITE PLUMBING PLAN |
| MP2.1 | MECHANICAL AND PLUMBING PLAN |
| E1.1 | GENERAL NOTES, DETAILS, LEGENDS, AND SITE PLAN |
| E2.1 | ELECTRICAL PLANS |
| E3.1 | ELECTRICAL SCHEDULES |





400 BUTLER ST FORT RECOVERY, OHIO 45846




400 BUTLER ST FORT RECOVERY, OHIO 45846



## BOARD OF EDUCATION

BOARD PRESIDENT.....DON WENDEL
BOARD VICE PRESIDENT.....SEAN KAHLIG
BOARD MEMBER.....MITCH FULLENKAMP
BOARD MEMBER.....GREG LEFVRE
BOARD MEMBER.....NICK WEHRKAMP

## ADMINISTRATION

SUPERINTENDENT.....TONY STAHL
TREASURER.....DEANNA KNAPKE
ATHLETIC DIRECTOR .....AIMEE POTTKOTTER
HIGH SCHOOL PRINCIPAL....RYAN STEINBRUNNER
MIDDLE SCHOOL PRINCIPAL..... HOLLY WERMERT


**STRUCTURAL ENGINEER:**

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1690 BROADWAY
SUITE 19-455
FORT WAYNE, INDIANA
260.299.4240


STATE OF OHIO
ANDREW P. HUELSMAN
E-78372
REGISTERED
PROFESSIONAL ENGINEER

ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
MINSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
GARMANNMILLER.COM

FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING
230 WILLIAM ST - FORT RECOVERY, OH 45846 ⚠1

| ISSUANCES/REVISIONS | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | BER | RJH |

SHEET TITLE:
**COVER SHEET**

SHEET NUMBER:
**G0.1**

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**CODE INFORMATION**

BUILDING DESCRIPTION: ADDITION TO RESTROOM AND CONCESSIONS BUILDING AND NEW REFEREE BUILDING

APPLICABLE CODE: 2024 OHIO BUILDING CODE

OCCUPANTS: 11

DESIGN UNIFORM LOAD: SEE STRUCTURAL SHEETS

**BUILDING AREA 1**

| | |
|---|---|
| OCCUPANCY / USE GROUP: | A-3 |
| CONSTRUCTION TYPE: | TYPE V-B |
| ALLOWABLE AREA (TABLE 506.2): | 6,000 SF |
| ACTUAL BUILDING AREA: | 1,876 SF |
| OCCUPANCY: | 8 |

PLUMBING FIXTURES REQUIRED
THE REQUIRED NUMBER OF PLUMBING FIXTURES FOR THE STADIUM THAT THIS FACILITY WILL SERVE IS ALREADY MET BY THE EXISTING FACILITIES ONSITE. ALL FIXTURES PROVIDED IN THIS FACILITY ARE IN ADDITION TO THE ALREADY PROVIDED REQUIRED NUMBER OF PLUMBING FIXTURES.

EXISTING PLUMBING FIXTURES
MALE WATER CLOSETS: 3
MALE URINALS: 4
MALE LAVATORIES: 4
FEMALE WATER CLOSETS: 7
FEMALE LAVATORIES: 4
SERVICE SINK: 1

**BUILDING AREA 2**

| | |
|---|---|
| OCCUPANCY / USE GROUP: | A-3 |
| CONSTRUCTION TYPE: | TYPE V-B |
| ALLOWABLE AREA (TABLE 506.2): | 6,000 SF |
| ACTUAL BUILDING AREA: | 644 SF |
| OCCUPANCY: | 3 |

PLUMBING FIXTURES REQUIRED
THE REQUIRED NUMBER OF PLUMBING FIXTURES FOR THE STADIUM THAT THIS FACILITY WILL SERVE IS ALREADY MET BY THE EXISTING FACILITIES ONSITE. ALL FIXTURES PROVIDED IN THIS FACILITY ARE IN ADDITION TO THE ALREADY PROVIDED REQUIRED NUMBER OF PLUMBING FIXTURES.

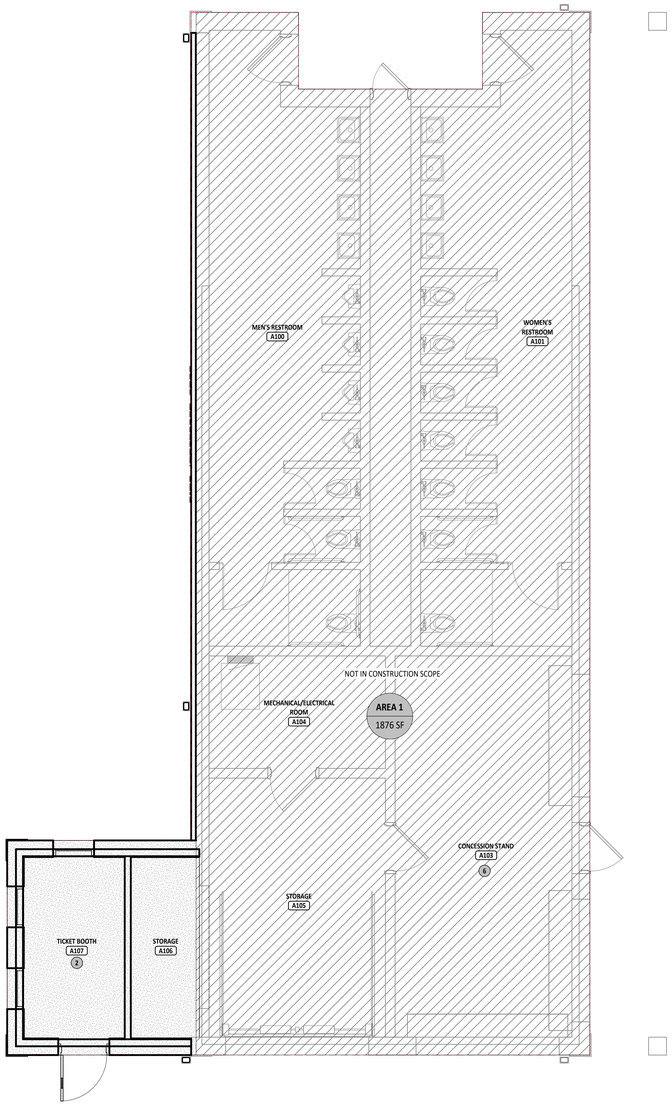
PLUMBING FIXTURES PROVIDED
WATER CLOSETS PROVIDED: 1
LAVATORIES: 1

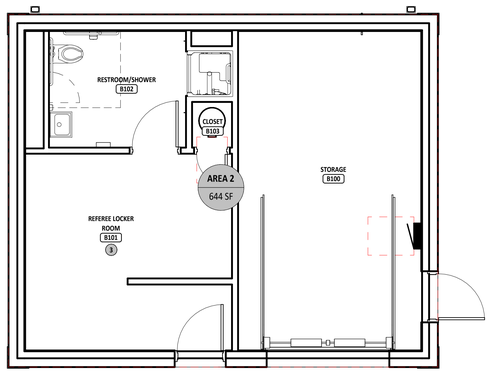
**OCCUPANCY TABULATION PER 2024 OBC TABLE 1004.5 - RESTROOM AND CONCESSIONS BUILDING**

| ROOM NUMBER | NAME | AREA (GROSS) | OCCUPANT LOAD FACTOR | OCCUPANT(S) | NUMBER OF EXITS |
|---|---|---|---|---|---|
| A100 | MEN'S RESTROOM | 358 SF | | | 1 |
| A101 | WOMEN'S RESTROOM | 353 SF | | | 1 |
| A103 | CONCESSION STAND | 287 SF | 50 | 6 | 1 |
| A104 | MECHANICAL/ELECTRICAL ROOM | 84 SF | | | |
| A105 | STORAGE | 194 SF | | | |
| A106 | STORAGE | 53 SF | | | |
| A107 | TICKET BOOTH | 78 SF | | | |

**OCCUPANCY TABULATION PER 2024 OBC TABLE 1004.5 - RESTROOM AND CONCESSIONS BUILDING**

| ROOM NUMBER | NAME | AREA (GROSS) | OCCUPANT LOAD FACTOR | OCCUPANT(S) | NUMBER OF EXITS |
|---|---|---|---|---|---|
| B100 | STORAGE | 249 SF | | | |
| B101 | REFEREE LOCKER ROOM | 170 SF | 50 | 3 | 1 |
| B102 | RESTROOM/SHOWER | 77 SF | | | |
| B103 | CLOSET | 8 SF | | | |




**CODE PLAN LEGEND**

X — OCCUPANT LOAD THROUGH EXIT

XX" / XXX — CLEAR EXIT WIDTH / ALLOWABLE NUMBER OF OCCUPANTS THROUGH EXIT

**OCCUPANCY GROUPS USED**

| | |
|---|---|
| A | ASSEMBLY |
| B | BUSINESS |
| E | EDUCATIONAL |
| F | FACTORY |
| H | HAZARDOUS |
| I | INSTITUTIONAL |
| M | MERCANTILE |
| R | RESIDENTIAL |
| S | STORAGE |
| U | UTILITY |

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GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmhgroup.com

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

220 WILLIAM ST - FORT RECOVERY, OH 45846

1

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
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| 26070.00 | BER | RJH |

SHEET TITLE:

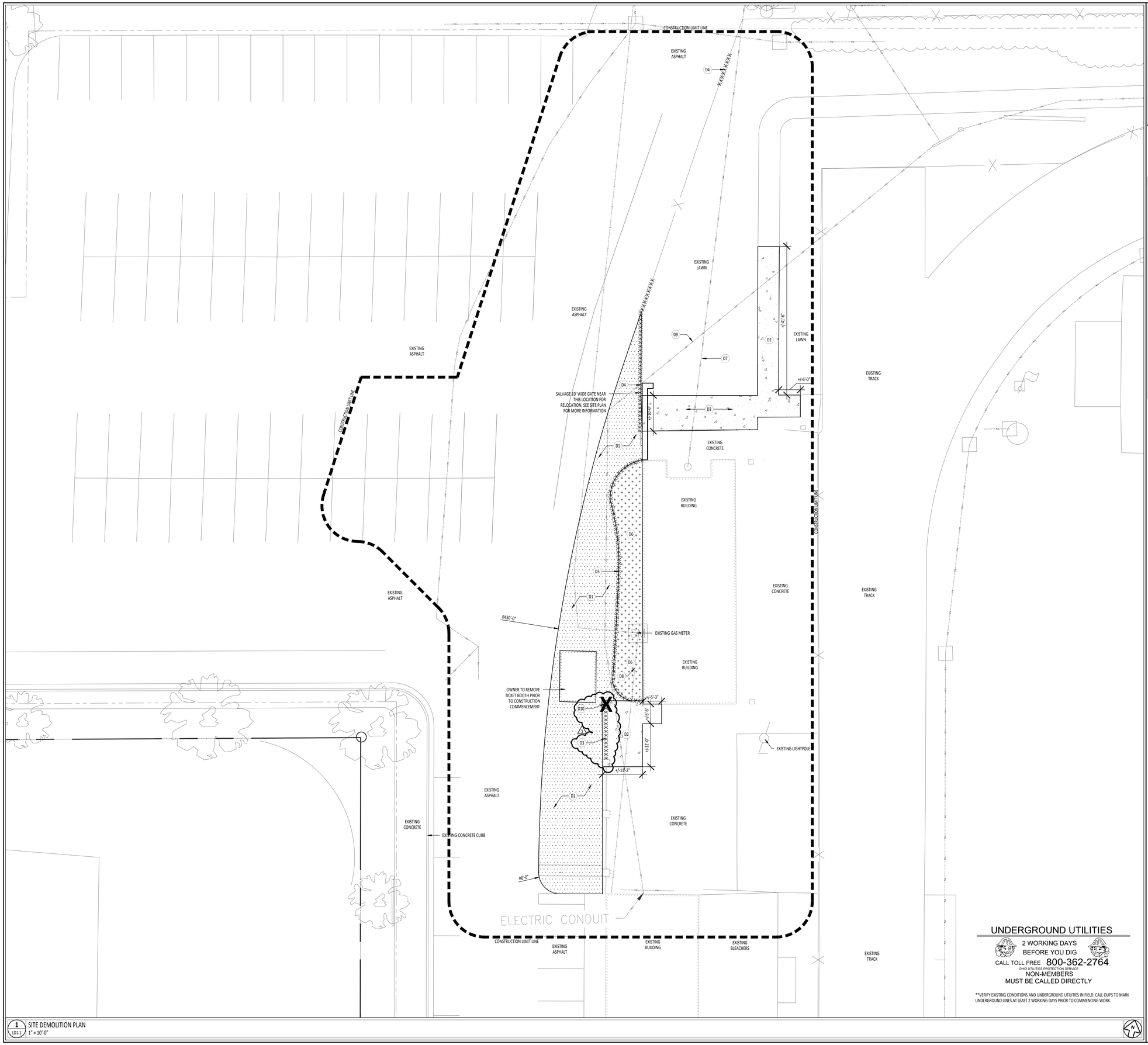
**CODE PLAN**

SHEET NUMBER:

**G1.0**

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1 / LD1.1 SITE DEMOLITION PLAN
1" = 10'-0"

## KEYNOTE SCHEDULE

| | DEMOLITION |
|---|---|
| D1 | SAWCUT AND REMOVE ASPHALT AND AGGREGATE BASE |
| D2 | SAWCUT AND REMOVE CONCRETE AND AGGREGATE BASE |
| D3 | REMOVE AND SALVAGE FENCE POSTS AND FENCE FOR RE-INSTALLATION |
| D4 | REMOVE EXISTING FENCE AND ASSOCIATED FOUNDATIONS IN ENTIRETY. SALVAGE 10' WIDE GATE FOR RE-INSTALLATION IN NEW LOCATION, SEE SITE PLAN THIS SHEET AND L1.1 FOR MORE INFORMATION. |
| D5 | REMOVE AND SALVAGE RETAINING WALL BLOCK. TURN OVER TO OWNER FOR RE-USE |
| D6 | REMOVE PLANTS AND LANDSCAPE BED |
| D7 | EXISTING SANITARY LINE, SEE CIVIL AND PLUMBING DRAWINGS FOR MORE INFORMATION |
| D8 | EXISTING GAS LINE AND GAS METER, SEE PLUMBING DRAWINGS FOR MORE INFORMATION |
| D9 | EXISTING ELECTRIC LINES, SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION. COORDINATE WORK WITH ELECTRIC SERVICE PROVIDER. |
| D10 | REMOVE MASONRY COLUMN AND ASSOCIATED FOUNDATION. |

## LEGEND

- XX — KEY NOTE DESIGNATION-REFER TO NOTES THIS SHEET
- SAWCUT AND REMOVE CONCRETE AND BASE
- REMOVE ASPHALT AND AGGREGATE BASE
- REMOVE LANDSCAPE BED, SEE SPECIFICATIONS
- X — REMOVE

## GENERAL NOTES

| | |
|---|---|
| A. | CALL O.U.P.S. AT 1-800-362-2764 FOR UNDERGROUND UTILITY INFORMATION |
| B. | CALL 1-800-925-0988 FOR OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE |
| C. | SEE "KNOW WHAT'S BELOW" AT www.call811.com OR CALL 811 |
| D. | FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS. |
| E. | ALL WORK PERFORMED IS SUBJECT TO APPROVAL BY THE OWNER AND OWNER'S REPRESENTATIVE. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. |
| F. | ALL PAVING, FOOTINGS AND OTHER SITE IMPROVEMENTS ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. THIS INCLUDES ALL BASE MATERIAL. |
| G. | ALL ITEMS AND MATERIAL NOTED AS 'REMOVE' SHALL BE PROPERLY DISPOSED OF BY CONTRACTOR OFF SITE. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER. |
| H. | TEMPORARILY SUPPORT ALL WALLS, HEADERS, STRUCTURES, PIPING, DUCTWORK, CONDUIT, ETC., AS REQUIRED UNTIL FINAL SUPPORTS ARE IN PLACE. |
| I. | PATCH & REPAIR AREAS, SURFACES & MATERIALS DISTURBED BY CONSTRUCTION TO CONDITION OF SURROUNDING AREA WHERE LEFT EXPOSED TO VIEW. |
| J. | CLOSELY COORDINATE ALL WORK WITH THE OWNER/ALL OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE QUESTIONS AS TO SCOPE OF WORK/AREAS OF RESPONSIBILITY. |
| K. | PATCH AND REPAIR LAWN AREAS DISTURBED BY CONSTRUCTION. |

## UNDERGROUND UTILITIES

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

**VERIFY EXISTING CONDITIONS AND UNDERGROUND UTILITIES IN FIELD. CALL OUPS TO MARK UNDERGROUND LINES AT LEAST 2 WORKING DAYS PRIOR TO COMMENCING WORK.

STATE OF OHIO
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GARMANN MILLER
cmellegm.com

# FORT RECOVERY
# TICKET BOOTH AND REFEREE BUILDING

NOT FOR CONSTRUCTION - PRELIMINARY FOR REVIEW ONLY

**ISSUANCES/REVISIONS**

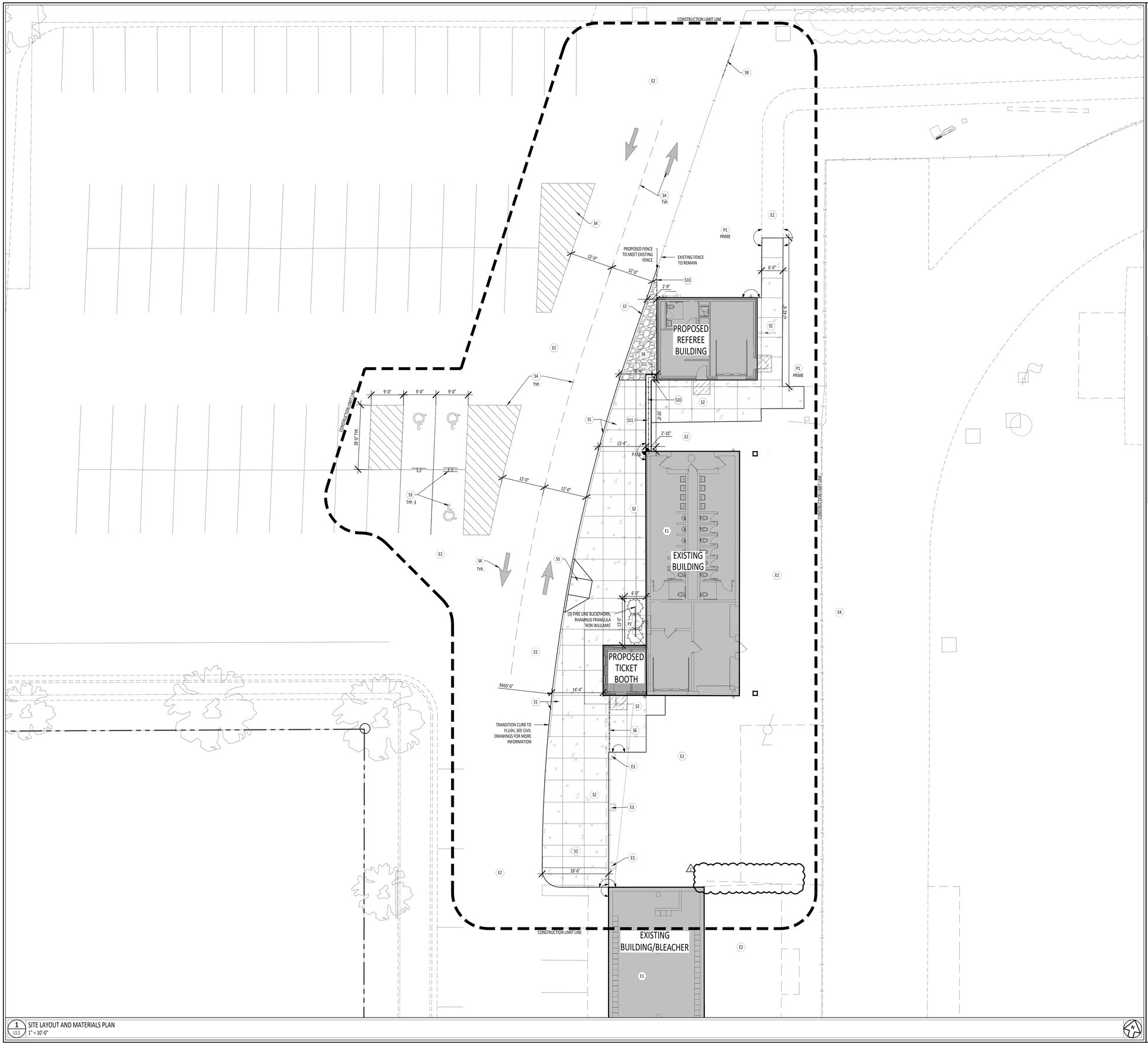
| | | |
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| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | AJH | KRM |

SHEET TITLE:
**SITE DEMOLITION PLAN**

SHEET NUMBER:
**LD1.1**

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1 L1.1 SITE LAYOUT AND MATERIALS PLAN
1" = 10'-0"

## KEYNOTE SCHEDULE

| | |
|---|---|
| | **EXISTING** |
| E1 | EXISTING BUILDING TO REMAIN |
| E2 | EXISTING PAVEMENT TO REMAIN |
| E3 | EXISTING ARCHWAY, FENCING AND COLUMNS TO REMAIN |
| E4 | EXISTING TRACK TO REMAIN |
| E5 | EXISTING FENCING TO REMAIN |
| | |
| | **SITE** |
| S1 | CONCRETE SIDEWALK WITH INTEGRAL CURB, SEE DETAIL 1/L2.1 |
| S2 | STANDARD DUTY CONCRETE PAVEMENT, SEE DETAIL 2/L2.1 |
| S3 | ADA ACCESSIBLE PARKING SPACE WITH SIGNAGE. SIGNAGE TO BE INSTALLED IN MOVABLE 250 LB CONCRETE BASE, SEE DETAILS 3 AND 4/L2.1 |
| S4 | PAINTED PAVEMENT MARKINGS, SEE SPECIFICATIONS. APPLY BLACKOUT PAINT TO EXISTING STRIPING WHERE THERE IS EXISTING CONFLICTING STRIPING |
| S5 | CURB RAMP, SEE DETAIL 5/L2.1 |
| S6 | RE-INSTALL SALVAGED FENCE POSTS AND PANELS |
| S7 | CONCRETE CURB, SEE DETAIL 6/L2.1 AND CIVIL SHEETS |
| S8 | 8" DEPTH GRAVEL OVER FILTER FABRIC - 50% #1 STONE/50% #57 MIX, SEE SPECIFICATIONS |
| S9 | RE-INSTALL SALVAGED CHAINLINK GATE IN THIS LOCATION, VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION. REMOVE EXISTING FABRIC AND POSTS AS NEEDED FOR INSTALL. |
| S10 | 6' HEIGHT CHAINLINK FENCE TO MATCH EXISTING, SEE SPECIFICATIONS |
| S11 | 12" HEIGHT KNEE WALL, SEE DETAIL 7/L2.1 AND CIVIL SHEETS FOR GRADING INFORMATION |
| | **PLANTING** |
| P1 | SEEDED LAWN, SEE SPECIFICATIONS |
| P2 | LANDSCAPE BED, PREPARE BED PER SPECIFICATIONS FOR PLANTS, MULCH TO BE 4" DEPTH OF WASHED RIVER ROCK. SEE SITE PLANT FOR PLANTS |

## LEGEND

- P.O.B. (POINT OF BEGINNING)
- ALIGN
- KEYED NOTE DESIGNATION-REFER TO NOTES THIS SHEET
- CONTROL JOINT
- CONCRETE PAVEMENT
- STANDARD DUTY CONCRETE PAVEMENT
- ANTI-HEAVE CONC. SLAB SEE STRUCTURAL DRAWINGS

## GENERAL NOTES

| | |
|---|---|
| A. | FIELD VERIFY DIMENSIONS & CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS. |
| B. | WORK PERFORMED IS SUBJECT TO APPROVAL BY THE ARCHITECT AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. |
| C. | TEMPORARILY SUPPORT WALLS, HEADERS, STRUCTURES, PIPING, DUCTWORK, CONDUIT, ETC., AS REQUIRED UNTIL FINAL SUPPORTS ARE IN PLACE. |
| D. | PATCH & REPAIR ALL AREAS, SURFACES & MATERIALS TO CONDITION OF SURROUNDING AREA. |
| E. | CLOSELY COORDINATE WORK WITH THE OWNER AND WITH ALL OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY. |
| F. | PATCH AND REPAIR DISTURBED LAWN AREAS. |
| G. | DIMENSIONS ARE TO FACE OF CURB, FENCE, COLUMN OR CENTERLINE UNLESS OTHERWISE NOTED. WALKS SHALL BE CENTERED ON DOOR WAYS. |
| H. | WALKS SHALL MEET BOTH VERTICALLY AND HORIZONTALLY. |
| I. | LAYOUT AND DIMENSIONS ARE PARALLEL AND PERPENDICULAR TO ONE ANOTHER UNLESS OTHERWISE INDICATED IN PLANS. |
| J. | CONTRACTOR SHALL CALL OUPS (800) 362-2764 PRIOR TO COMMENCEMENT OF ANY WORK. |
| K. | GENERAL CONTRACTOR IS TO MAINTAIN THE SITE WITHIN THE CONSTRUCTION FENCELINE THROUGHOUT CONSTRUCTION IN A CLEAN AND ORDERLY MANNER. MOW GRASS, MAINTAIN PLANT BEDS TO BE FREE OF WEEDS, PICK-UP TRASH, ETC. THE SITE IS TO BE LEFT IN THE SAME OR BETTER CONDITION THAN ORIGINALLY FOUND. |

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EXPIRATION DATE: 12/31/2027

GARMANN MILLER
onedesign.com

# FORT RECOVERY
# TICKET BOOTH AND REFEREE BUILDING

1 ADDENDUM 01

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY:: |
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| 26070.00 | AJH | KRM |

SHEET TITLE:

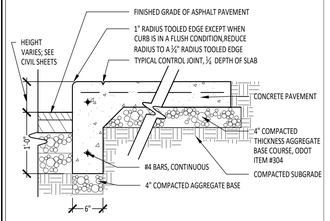
**SITE LAYOUT AND MATERIALS PLAN**

SHEET NUMBER:

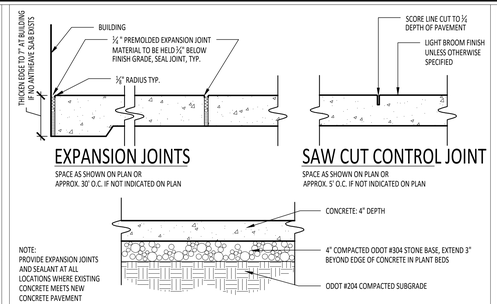
**L1.1**

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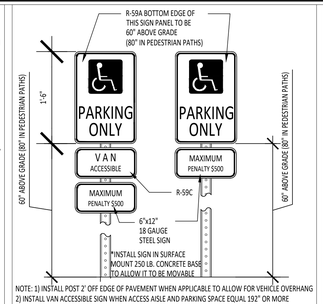
NOTES:
1. EXPANSION AND CONTROL JOINTS AS SHOWN ON PLAN. IF NOT INDICATED EXPANSION JOINTS TO BE 30'-0" O.C. CONTROL JOINTS TO BE @5'-0" O.C.
2. PROVIDE LIGHT BROOM FINISH ON ALL CONCRETE SURFACES AFTER JOINT & EDGE TOOLING. PROVIDE 1/4" RADIUS ON ALL SLAB EDGES.
3. EXPANSION JOINTS SHALL BE 1/2" WIDE WITH SEALANT.




**1** L2.1 — INTEGRAL CONCRETE CURB AND WALK — 1" = 1'- 0"

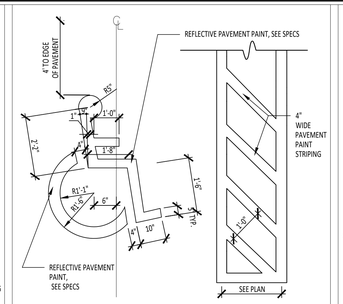



**2** L2.1 — CONCRETE PAVEMENT AND JOINTS — 1" = 1'- 0"

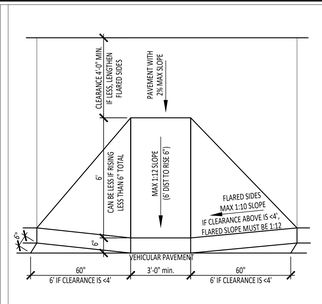



NOTE: 1) INSTALL POST 2' OFF EDGE OF PAVEMENT WHEN APPLICABLE TO ALLOW FOR VEHICLE OVERHANG
2) INSTALL VAN ACCESSIBLE SIGN WHEN ACCESS AISLE AND PARKING SPACE EQUAL 192" OR MORE

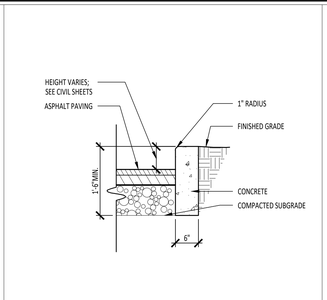
**3** L2.1 — RESERVED ACCESSIBLE PARKING SIGN — 1" = 1'- 0"




**4** L2.1 — HANDICAP PARKING LOGO — 1/2" = 1'- 0"




**5** L2.1 — ACCESSIBLE RAMP FLARED SIDES — 1/2" = 1'- 0"




**6** L2.1 — CURB — 3/4" = 1'- 0"

SEATWALLS
SPACE EXP. JOINT APPROX. 30' O.C. OR AS SHOWN ON PLAN




**7** L2.1 — CONCRETE WALL — 3/4"= 1'-0"

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# FORT RECOVERY
# TICKET BOOTH AND REFEREE BUILDING

1 ADDENDUM 01

ISSUANCES/REVISIONS

| | | |
|---|---|---|
| 1 | CONSTRUCTION DOCUMENTS<br>CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 10/28/2026<br>11/11/2026 |

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|---|---|---|
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SHEET TITLE:

## SITE DETAILS

SHEET NUMBER:

## L2.1

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- NOTE:

| | |
|---|---|
| | ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW. |

- CHARACTERS

| | |
|---|---|
| # / NO | NUMBER |
| ° / DEG | DEGREE |
| Ø / DIA | DIAMETER |
| □ / SQ | SQUARE |
| ' | FEET |
| " | INCH |
| ∠ | ANGLE |
| & | AND |
| @ | AT |
| d | PENNY (NAILS) |
| = | EQUAL |

- MEASUREMENTS

| | |
|---|---|
| °C | CELCIUS |
| °F | FAHRENHEIT |
| AC | ACRES |
| BTU | BRITISH THERMAL UNIT |
| BTUH | BRITISH THERMAL UNIT PER HOUR |
| CF | CUBIC FEET |
| CFM | CUBIC FEET PER MINUTE |
| CI | CUBIC INCH |
| CY | CUBIC YARD |
| Db | DECIBEL |
| IN | INCH |
| FT | FEET |
| HR | HOUR |
| GAL | GALLONS |
| GPF | GALLONS PER FLUSH |
| GPH | GALLONS PER HOUR |
| KG | KILOGRAM |
| KW | KILOWATT |
| KWH | KILOWATT PER HOUR |
| LB | POUND |
| LF | LINEAR FOOT |
| M | METER |
| MIN | MINUTE |
| MM | MILLIMETER |
| PLF | POUNDS PER LINEAR FOOT |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| SI | SQUARE INCH |
| SY | SQUARE YARD |

A

| | |
|---|---|
| AB | ANCHOR BOLT |
| AC | AIR CONDITIONING |
| ACC | ACCESSIBLE |
| ACOUS | ACOUSTICAL |
| ACT | ACOUSTICAL CEILING TILE |
| AD | AREA DRAIN |
| ADD | ADDITIONAL |
| ADJ | ADJUSTABLE |
| AFF | ABOVE FINISHED FLOOR |
| AFP | ACCORDION FOLDING PARTITION |
| AGGR | AGGREGATE |
| ALT | ALTERNATE |
| ALUM | ALUMINUM |
| ANCH | ANCHOR |
| ANOD | ANODIZED |
| AP | ACCESS PANEL |
| APPD | APPROVED |
| APPROX | APPROXIMATE |
| AR | ACID RESISTANT |
| ARCH | ARCHITECTURAL |
| ASPH | ASPHALT |
| AUTO | AUTOMATIC |
| AV | AUDIO-VISUAL |
| AWT | ACOUSTICAL WALL TREATMENT |

B

| | |
|---|---|
| BEJ | BRICK EXPANSION JOINT |
| BD | BOARD |
| BIT | BITUMINOUS |
| BLDG | BUILDING |
| BLK | BLOCK |
| BLKG | BLOCKING |
| BM | BEAM / BENCHMARK |
| B/O | BOTTOM OF |
| BOT | BOTTOM |
| BRG | BEARING |
| BS | BOILER STACK |
| BSMT | BASEMENT |
| BT | BOLT |
| BUR | BUILT-UP ROOF |
| BYND | BEYOND |

C

| | |
|---|---|
| C | CLOSURE |
| CAB | CABINET |
| CAT | CATEGORY |
| CB | CATCH BASIN |
| CBD | CHALKBOARD |
| CBU | CEMENTITOUS BACKER UNIT |
| CEM | CEMENT |
| CER | CERAMIC |
| CG | CORNER GUARD |
| CH | CABINET HEATER / CEILING HEIGHT |
| CHNL | CHANNEL |
| CI | CAST IRON |
| CIP | CAST IN PLACE |
| CJ | CONTROL JOINT |
| CL | CENTERLINE |
| CLG | CEILING |
| CLR | CLEAR |
| CMP | CORRUGATED METAL PIPE |
| CMT | CERAMIC MOSAIC TILE |
| CMU | CONCRETE MASONRY UNIT |
| CNTR | COUNTER |
| CO | CLEANOUT |
| COL | COLUMN |
| COMP | COMPACT |
| COMPR | COMPRESSIBLE |
| CONC | CONCRETE |
| COND | CONDITION |
| CONN | CONNECTION |
| CONST | CONSTRUCTION |
| CONT | CONTINOUS / CONTINUE |
| CONTR | CONTRACTOR |
| COORD | COORDINATE |
| CORR | CORRUGATED / CORRIDOR |
| CPT | CARPET |
| CT | CERAMIC TILE |
| CTR | CENTER |
| CTSK | COUNTER SINK |
| CTYD | COURTYARD |
| CW | COLD WATER |
| CWF | CEMENTITOUS WOOD FIBER |

D

| | |
|---|---|
| D | DEPTH |
| DA | DISABLED |
| DBL | DOUBLE |
| DC | DISPLAY CASE |
| DEMO | DEMOLITION |
| DEPT | DEPARTMENT |
| DET | DETAIL |
| DF | DRINKING FOUNTAIN |
| DIM | DIMENSION |
| DISP | DISPENSER |
| DIV | DIVISION |
| DL | DEAD LOAD |
| DMPF | DAMPPROOFING |
| DMT | DEMOUNTABLE |
| DN | DOWN |
| DO | DOOR OPENING |
| DP | DIMENSION POINT |
| DPTN | DEMOUNTABLE PARTITION |
| DR | DOOR |
| DRN | DRAIN |
| DS | DOWNSPOUT |
| DW | DISHWASHER |
| DWC | DRINKING WATER COOLER |
| DWG | DRAWING |
| DWR | DRAWER |

E

| | |
|---|---|
| E | EAST |
| EA | EACH |
| EB | EXPANSION BOLT |
| EF | EACH FACE |
| EFS | DIRECT APPLIED EXTERIOR FINISH SYSTEM |
| EFIS | EXTERIOR INSULATION FINISH SYSTEM |
| EJ | EXPANSION JOINT |
| EL | ELEVATION |
| ELEC | ELECTRICAL |
| ELEV | ELEVATOR |
| EMERG | EMERGENCY |
| ENCL | ENCLOSURE |
| ENGR | ENGINEER |
| EP | ELCTRICAL PANELBOARD |
| EMPD | ETHYLENE PROPYLENE DIENE M-CLASS ROOFING |
| EPX | EPOXY |
| EQ | EQUAL |
| EQUIP | EQUIPMENT |
| ESCAL | ESCALATOR |
| EW | EACH WAY |
| EXH | EXHAUST |
| EX/EXIST | EXISTING |
| EXP | EXPANSION |
| EXT | EXTERIOR |
| EXTN | EXTENSION |

F

| | |
|---|---|
| FA | FIRE ALARM |
| FB | FACE BRICK |
| FC | FACE |
| FCO | FLOOR CLEANOUT |
| FD | FLOOR DRAIN |
| FDC | FIRE DEPARTMENT CONNECTION |
| FDV | FIRE DEPARTMENT VALVE |
| FE | FIRE EXTINGUISHER / FINISH END |
| FEC | FIRE EXTINGUISHER CABINET |
| FF | FINISH FLOOR |
| FF&E | FURNITURE, FINISHES & EQUIPMENT |
| FH | FLAT HEAD |
| FHC | FIRE HOSE CABINET |
| FIN | FINISH |
| FIXT | FIXTURE |
| FLR | FLOOR |
| FLASH | FLASHING |
| FLOUR | FLOURESCENT |
| FM | FILLED METAL |
| FND | FOUNDATION |
| F/O | FACE OF |
| FP | FIRE PROTECTION |
| FPG | FIREPROOFING |
| FR | FRAME |
| FRTW | FIRE RETARDANT TREATED WOOD |
| FSR | FLEXIBLE SHEET ROOFING |
| FSSK | FLOOR SERVICE SINK |
| FTG | FOOTING |
| FURN | FURNITURE |
| FURR | FURRING |
| FWC | FABRIC WALLCOVERING |
| FWP | FABRIC WALL PANEL |
| FVC | FIRE VALVE CABINET |

G

| | |
|---|---|
| G / GRD | GROUND |
| GA | GAUGE |
| GALV | GALVANIZED |
| GB | GRAB BAR |
| GC | GENERAL CONTRACTOR |
| GFCMU | GROUND-FACED CONCRETE MASONRY UNIT |
| GFRC | GLASS FIBER REINFORCED CONCRETE |
| GFRGU | GLASS FIBER REINFORCED GYPSUM UNIT |
| GL | GLASS |
| GR | GRADE |
| GWB | GYPSUM WALLBOARD |

H

| | |
|---|---|
| HB | HOSE BIBB |
| HC | HOLLOW CORE |
| HCP | HAN |
| HDW | HARDWARE |
| HDWD | HARDWOOD |
| HGT | HEIGHT |
| HM | HOLLOW METAL (STEEL FRAME) |
| HNDRL | HANDRAIL |
| HO | HOLD OPEN |
| HORIZ | HORIZONTAL |
| HRC | HOSE REEL CABINET |
| HS | HIGH STRENGTH |
| HVAC | HEATING, VENTILATING & AIR CONDITIONING |
| HW | HOT WATER |
| HWY | HIGHWAY |
| HYDR | HYDRAULIC |

I

| | |
|---|---|
| ID | INSIDE DIAMETER |
| ILO | IN LIEU OF |
| INCAND | INCANDESCENT |
| INCL | INCLUDE |
| INFO | INFORMATION |
| INSUL | INSULATION |
| INT | INTERIOR |
| INTERM | INTERMEDIATE |
| INV | INVERT |
| IRGWB | IMPACT RESISTANT GYPSUM WALLBOARD |

J

| | |
|---|---|
| JAN | JANITOR |
| JC | JANITORIAL CLOSET |
| JST | JOIST |
| JT | JOINT |

K

| | |
|---|---|
| K | KNURLED |
| KIT | KITCHEN |
| KPL | KICK PLATE |
| KO | KNOCKOUT |

L

| | |
|---|---|
| L | LENGTH |
| LAB | LABORATORY |
| LAM | LAMINATE |
| LAV | LAVATORY |
| LDG | LANDING |
| LKR | LOCKER |
| LL | LIVE LOAD |
| LLH | LONG LEG HORIZONTAL |
| LLV | LONG LEG VERTICAL |
| LN | LINE |
| LPT | LOW POINT |
| LT | LIGHT |
| LVR | LOUVER |
| LW | LONG WAY |

M

| | |
|---|---|
| MACH | MACHINE |
| MAINT | MAINTENANCE |
| MAS | MASONRY |
| MATL | MATERIAL |
| MAX | MAXIMUM |
| MB | MARKER BOARD |
| MBL | MARBLE |
| MFD | MEDIUM DENSITY FIBERBOARD |
| MEP | MECHANICAL, ELECTRICAL & PLUMBING |
| MECH | MECHANICAL |
| MEMB | MEMBRANE |
| MEZZ | MEZZANINE |
| MFR | MANUFACTURER |
| MH | MOP HANDLE / MAN HOLE |
| MIN | MINIMUM / MINUTE |
| MISC | MISCELLANEOUS |
| MO | MASONRY OPENING |
| MRGWB | MOISTURE-RESISTANT GYPSUM WALLBOARD |
| MRT | MORTAR |
| MTD | MOUNTED |
| MTG | MOUNTING |
| MTL | METAL |
| MULL | MULLION |

N

| | |
|---|---|
| N | NORTH |
| NA | NOT APPLICABLE |
| NC | NOISE CRITERIA |
| NIC | NOT IN CONTRACT |
| NOM | NOMINAL |
| NTS | NOT TO SCALE |

O

| | |
|---|---|
| OA | OUTSIDE AIR |
| OC | ON CENTER |
| OCEW | ON CENTER EACH WAY |
| OD | OUTSIDE DIAMETER |
| OFCI | OWNER FURNISHED, CONTRACTOR INSTALLED |
| OFOI | OWNER FURNISHED, OWNER INSTALLED |
| OFF | OFFICE |
| OH | OVERHEAD |
| OPH | OPPOSITE HAND |
| OPNG | OPENING |
| OPP | OPPOSITE |
| ORD | OVERFLOW ROOF DRAIN |
| OUTS | OUTSIDE |
| OVHD | OVERHEAD |
| OW | OPERABLE WALL |

P

| | |
|---|---|
| P | PAINT |
| PA | PUBLIC ADDRESS |
| PAV | PAVING |
| PARTN | PARTITION |
| PATD | PAPER TOWEL DISPENSER |
| PBD | PARTICLEBOARD |
| PC | PRECAST CONCRETE |
| PERF | PERFORATED |
| PERIM | PERIMETER |
| PERP | PERPENDICULAR |
| PLAM | PLASTIC LAMINATE |
| PLAS | PLASTER |
| PL | PROPERTY LINE / PLATE |
| PLBG | PLUMBING |
| PLYWD | PLYWOOD |
| PNL | PANEL |
| POL | POLISHED |
| PR | PAIR |
| PREFAB | PREFABRICATED |
| PROJ | PROJECT |
| PS | PROJECTION SCREEN |
| PSS | PENCIL SHARPENER SUPPORT |
| PT | PAINT |
| PTN | PARTITION |
| PTR | PAPER TOWEL RECEPTACLE |
| PV | PAVERS |
| PVC | POLYVINYL CHLORIDE PIPE |
| PVMT | PAVEMENT |

Q

| | |
|---|---|
| QT | QUARRY TILE |
| QTY | QUANTITY |

R

| | |
|---|---|
| R | RADIUS |
| RA | RETURN AIR |
| RB | RESILIENT BASE |
| RBR | RUBBER |
| RCP | REFLECTED CEILING PLAN |
| RD | ROOF DRAIN |
| REC | RECESSED |
| RECOM | RECOMMENDED |
| RECPT | RECEPTACLE |
| REF | REFERENCE |
| REFL | REFLECT |
| REFR | REFRIGERATOR |
| REG | REGISTER |
| REINF | REINFORCE |
| REM | REMOVABLE |
| REQD | REQUIRED |
| RESIL | RESILIENT |
| REV | REVISION |
| RFG | ROOFING |
| RM | ROOM |
| RO | ROUGH OPENING |
| ROW | RIGHT OF WAY |
| RTD | RATED |
| RTG | RATING |

S

| | |
|---|---|
| S | SOUTH |
| SA | SUPPLY AIR |
| SAN | SANITARY |
| SC | SOLID CORE |
| SCWD | SOLID CORE WOOD DOOR |
| SCHED | SCHEDULE |
| SD | STORM DRAIN / SMOKE DETECTOR |
| SECT | SECTION |
| SEW | SEWER |
| SFCMU | SPLIT-FACED CONCRETE MASONRY UNIT |
| SGFT | STRUCTURAL GLAZED FACING TILE |
| SH | SHOWER |
| SHT | SHEET |
| SIM | SIMILAR |
| SLR | SEALER |
| SM | SHEET METAL |
| SND | SANITARY NAPKIN DISPENSER |
| SPECS | SPECIFICATIONS |
| SPKR | SPEAKER |
| SPH | SPRINKLER HEAD |
| SPR | SPRINKLER |
| SQ | SQUARE |
| SS | STAINLESS STEEL |
| SSE | STRUCTURAL SLAB ELEVATION |
| SSF | SOLID SURFACE |
| SSK | SERVICE SINK |
| ST | STORM / STREET |
| STA | STATION |
| STC | SOUND TRANSMISSION COEFFICIENT |
| STD | STANDARD |
| STE | SUITE |
| STL | STEEL |
| STLJST | STEEL JOIST |
| STN | STAIN |
| STOR | STORAGE |
| STRG | STRINGER |
| STRUCT | STRUCTURAL |
| SUBCAT | SUBCATEGORY |
| SUSP | SUSPENDED |
| SW | SHORT WAY / SIDEWALK |
| SYMM | SYMMETRICAL |
| SYNTH | SYNTHETIC |
| SYS | SYSTEM |

T

| | |
|---|---|
| T | TREAD / THERMOSTAT |
| T&B | TOP AND BOTTOM |
| T&G | TONGUE AND GROOVE |
| TA | TOILET ACCESSORY |
| TB | TOWEL BAR |
| TEL | TELEPHONE |
| TEMP | TEMPERATURE |
| TER | TERRAZZO |
| THK | THICKNESS |
| THRES | THRESHOLD |
| THRU | THROUGH |
| TKBD | TACKBOARD |
| TMPD | TEMPERED |
| T/O | TOP OF |
| TPD | TOILET PAPER DISPENSER |
| TS | TRANSITION STRIP |
| TV | TELEVISION |
| TYP | TYPICAL |
| TWS | TACKABLE WALL SURFACE |

U

| | |
|---|---|
| UNFIN | UNFINISHED |
| UNO | UNLESS NOTED OTHERWISE |
| UV | UNIT VENTILATOR |
| UR | URINAL |

V

| | |
|---|---|
| VAC | VENTILATION AND AIR CONDITIONING |
| VERT | VERTICAL |
| VEST | VESTIBULE |
| VIF | VERIFY IN FIELD |
| VIT | VITREOUS |
| VOL | VOLUME |
| VR | VAPOR RETARDER |
| VRB | VENTED RESILIENT BASE |
| VS | VENT STACK |
| VT | VINYL (ENHANCED / COMPOSITION) TILE |
| VWC | VINYL WALL COVERING |

W

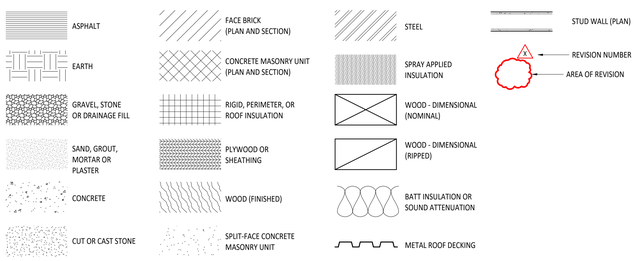
| | |
|---|---|
| W | WEST / WIDTH |
| W/ | WITH |
| W/O | WITHOUT |
| WA | WARDROBE ACCESSORIES |
| WB | WOOD BASE |
| WC | WATER CLOSET |
| WD | WOOD |
| WDW | WINDOW |
| WGT | WEIGHT |
| WH | WATER HEATER |
| WP | WATERPROOFING |
| WPM | WATERPROOF MEMBRANE |
| WR | WATER RESISTANT / REPELLANT |
| WS | WEATHERSTRIPPING |
| WSCT | WAINSCOT |
| WSSK | WALL SERVICE SINK |
| WT | WINDOW TREATMENT |
| WVR | WOOD VENEER |
| WW | WALL TO WALL |
| WWF | WELDED WIRE FABRIC |

Y

| | |
|---|---|
| YD | YARD / YARD DRAIN |

## ABBREVIATIONS

MATERIAL SYMBOLS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW




## DRAWING AND MATERIAL SYMBOLS LEGEND

**GENERAL NOTES**

A REFERENCE GENERAL CONSTRUCTION NOTES AND SPECIFICATIONS FOR MORE INFORMATION AND BID ALTERNATES.

B REFERENCE SPECIFICATIONS AND DRAWINGS FOR SPECIAL REQUIREMENTS AND CONDITIONS.

C FINISH FIRST FLOOR ELEVATION INDICATED FOR THE NEW WORK IS 100'-0". REFERENCE SITE DRAWINGS FOR RELATIONSHIP TO U.S.G.S. DATUM. ELEVATIONS OF EXISTING ELEMENTS RELATIVE TO 100'-0" SHALL BE FIELD VERIFIED BY THE CONTRACTOR(S). CONTRACTOR(S) SHALL NOTIFY THE CONSTRUCTION MANAGER IMMEDIATELY OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

D THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE WORK IS COMPLETE. CONTRACTOR(S) SHALL DETERMINE THE CONSTRUCTION PROCEDURES AND SEQUENCES AND ENSURE THE INTEGRITY OF THE WORK AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES SHORING, SHEATHING, TEMPORARY ENCLOSURES AND TEMPORARY POSITIVE WATER DRAINAGE FROM THE SITE AND ALL BUILDING ROOFS.

E CONTRACTOR(S) SHALL MAINTAIN ALL LEGAL EGRESS FROM THE WORK TO COMPLY WITH APPLICABLE BUILDING CODES, SAFETY REGULATIONS AND THE DISCRETION OF THE GOVERNING LOCAL BUILDING CODE AUTHORITIES FOR THE HEALTH, SAFETY AND WELFARE OF THE PUBLIC FOR NORMAL ACTIVITIES AND EMERGENCY EGRESS FROM THE WORK. THE CONTRACTOR(S) SHALL FURNISH AND INSTALL ANY TEMPORARY WALLS, DOORS, HARDWARE PARTITIONS, SCREENS, ENCLOSURES AND PEDESTRIAN PROTECTIONS TO MAINTAIN SUCH LEGAL EGRESS.

F CONTRACTOR(S) SHALL VERIFY ALL DIMENSIONS AND CLEARANCES BEFORE PROCEEDING WITH THE WORK. COMMENCEMENT OF THE WORK, BY THE CONTRACTOR(S), CONSTITUTES ACCEPTANCE OF THE EXISTING CONDITIONS. CONTRACTOR(S) SHALL NOTIFY THE CONSTRUCTION MANAGER IMMEDIATELY OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

G ALL CIP CONCRETE CURBS AND EQUIPMENT PADS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR RESPONSIBLE FOR THE ASSOCIATED WORK.

H DIFFERENT FLOOR FINISH MATERIALS SHALL MEET UNDER THE CENTERLINE OF THE DOOR IN THE CLOSED POSITION UNLESS NOTED OR DETAILED OTHERWISE.

I FURNISH AND INSTALL FLOOR DRAINS 1/2" BELOW FLOOR PERIMETER. SLOPE FINISH FLOOR TO FLOOR DRAINS. REFERENCE PLUMBING DRAWINGS FOR EXACT LOCATIONS.

J FURNISH AND INSTALL CASING BEAD AT ALL LOCATIONS WHERE GYPSUM WALLBOARD ABUTS DISSIMILAR MATERIALS. TYPICAL UNLESS NOTED OR DETAILED OTHERWISE.

K ALL DIMENSIONS ARE MEASURED TO THE FACE OF MASONRY OR THE FACE OF STUD UNLESS NOTED OR DETAILED OTHERWISE.

Q IF FRAME WIDTH DOES NOT MATCH WALL WIDTH, DOOR AND BORROWED LITE FRAMES SHALL BE INSTALLED TO THE CORRIDOR OR PASSAGE SIDE OF THE WALL UNLESS NOTED OR DETAILED OTHERWISE. NON-CORRIDOR OR NON-PASSAGE FRAMES FROM ROOM TO ROOM SHALL BE FURNISHED AND INSTALLED TO THE SIDE OF THE WALL FACING THE LARGER ROOM. REFERENCE DOOR AND WINDOW DETAILS FOR FRAME LOCATIONS RELATIVE TO THE WALL ONLY. DEDICATED WINDOW FRAMES SHALL BE FURNISHED AND INSTALLED TO THE CENTERLINE OF THE WALL CROSS SECTION.

R INTERIOR FINISHES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE LOCAL BUILDING CODE AUTHORITY HAVING JURISDICTION OVER THE WORK, AS WELL AS ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES AND REGULATIONS.

S REFERENCE FINISH MATERIAL SCHEDULE FOR ALL INTERIOR FINISHES. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

T THE CONTRACTOR(S) SHALL FURNISH AND INSTALL TREATED WOOD BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EQUIPMENT, ACCESSORIES, HANDRAILS, CASEWORK, ETC. COORDINATE THIS WORK WITH ALL APPROPRIATE CONTRACTORS, SUPPLIERS AND MANUFACTURERS RECOMMENDATIONS. SUCH WOOD BLOCKING SHALL BE FASTENED TO STRUCTURAL MEMBERS AND CMU(S) WITH MINIMUM 1/2" DIAMETER EXPANSION BOLTS AT 48" OC MAXIMUM UNLESS NOTED OR DETAILED OTHERWISE.

U REFERENCE EQUIPMENT PLANS FOR EQUIPMENT MOUNTING HEIGHTS.

V REFERENCE FLOOR PLANS FOR FIRE EXTINGUISHER (FE) AND FIRE EXTINGUISHER CABINET (FEC) LOCATIONS. REFERENCE EQUIPMENT DRAWINGS FOR MOUNTING HEIGHTS.

X THE GENERAL TRADES CONTRACTOR IS REQUIRED TO CUT AND PATCH ANY OPENINGS LARGER THAN 8" AS REQUIRED FOR ANY FOOD SERVICE, PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION CONTRACTOR(S) TO FURNISH AND INSTALL THEIR WORK. CUTTING AND PATCHING INCLUDING CUTTING FLOOR AND/OR WALL, EXCAVATING, BACK FILLING, PATCHING AND REPAIR AS REQUIRED TO MATCH EXISTING ADJACENT SURFACE TO ACCEPT NEW FINISH. REFERENCE ENGINEERING DRAWINGS FOR LOCATIONS OF WORK TO BE PERFORMED. THIS INCLUDES ALL AREAS NOT SPECIFICALLY NOTED BUT REQUIRING CUTTING AND PATCHING.

Y REFERENCE CODE PLANS, FLOOR PLANS, REFLECTED CEILING PLANS AND WALL SECTIONS FOR RATED ASSEMBLIES.

AA OPENINGS IN ROOF FOR ROOFTOP EQUIPMENT SHALL BE CUT BY THE ROOFING CONTRACTOR. THE ASSOCIATED CONTRACTOR SHALL COORDINATE LOCATIONS OF SUCH OPENINGS WITH THE ROOFING CONTRACTOR. EQUIPMENT CURBS ARE TO BE FURNISHED BY THE ASSOCIATE CONTRACTOR AND INSTALLED BY THE ROOFING CONTRACTOR.

BB REFERENCE PLUMBING DRAWINGS FOR ALL VENT STACK LOCATIONS. COORDINATE LOCATIONS OF SUCH PENETRATIONS WITH THE CONTRACTOR(S).

CC REFERENCE MECHANICAL DRAWINGS FOR ALL FLUE LOCATIONS. COORDINATE LOCATIONS OF SUCH PENETRATIONS WITH THE CONTRACTOR(S).

DD THE CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL INSPECT AND CLEAR ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS PRIOR TO THE COMPLETION OF THE WORK AND TO ENSURE THAT ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS ARE FREE OF DEBRIS AND ARE FUNCTIONING PROPERLY AT PROJECT COMPLETION.

EE ALL TYPICAL ROOFING DETAILS ARE SHOWN FOR GENERAL INFORMATION. ALL FINAL FLASHING CONDITIONS SHALL MEET THE APPROVAL OF THE ROOFING MANUFACTURER. ALL DETAIL MODIFICATIONS MUST HAVE SHOP DRAWING APPROVAL.

FF INSTALL ALL FLASHING AND APPROPRIATE CRICKETS FOR ALL ROOFTOP PENETRATIONS.

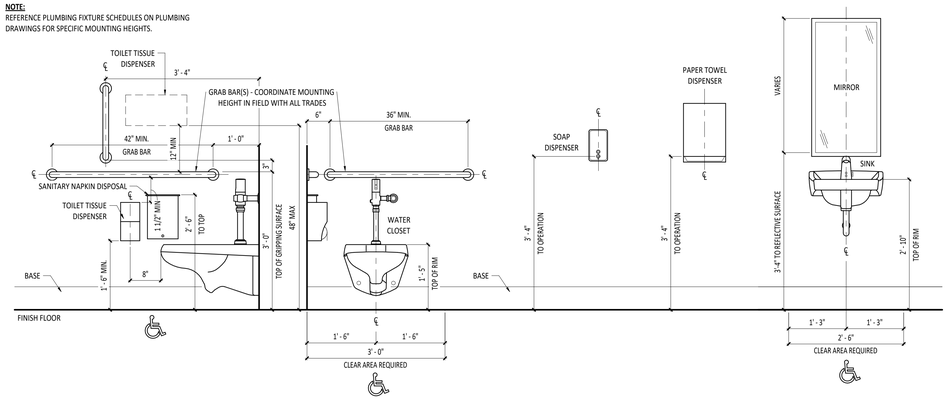
GG ALL TOP OF STEEL AND TOP OF BOND BEAM ELEVATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS ARE FOR COORDINATION PURPOSE ONLY. IN CASE OF DISCREPANCY BETWEEN ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONTRACTOR(S) SHALL USE THE ELEVATIONS ON THE STRUCTURAL DRAWINGS AND NOTIFY THE CONSTRUCTION MANAGER IMMEDIATELY.

HH CONTRACTOR TO COORDINATE AND MAINTAIN MINIMUM 1'-0" WIDE BY 6'-0" HIGH SPACE ON LATCH SIDE OF ALL DOORS FOR OWNER'S SIGNAGE.

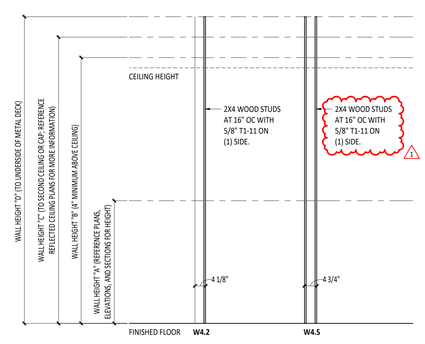
II IN THE EVENT OF INCONSISTENCIES WITHIN OR BETWEEN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY OR GREATER QUALITY OF WORK AND SHALL COMPLY WITH THE STRICTER REQUIREMENTS.

JJ BASIC DEFINITIONS: 'FURNISH' SHALL MEAN TO PURCHASE AND DELIVER PRODUCT TO THE SITE READY FOR INSTALLATION; 'INSTALL' SHALL MEAN TO TAKE FURNISHED PRODUCT AND ASSEMBLE, ERECT, SECURE IN PLACE, CONNECT IN OPERATION AS APPLICABLE; 'PROVIDE' SHALL MEAN TO FURNISH AND INSTALL.

**NOTE:**
REFERENCE PLUMBING FIXTURE SCHEDULES ON PLUMBING DRAWINGS FOR SPECIFIC MOUNTING HEIGHTS.



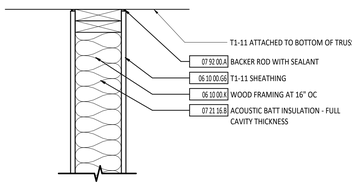

## MOUNTING HEIGHTS
**3/4" = 1'-0"**




## WALL TYPES AND WALL TERMINATION
**1/2" = 1'-0"**

**WALL TYPE GENERAL NOTES**

B PROVIDE ACOUSTICAL SEALANT AT ALL JOINTS.




STATE OF OHIO
ANDREW P. HUELSMAN
E-78372
REGISTERED
PROFESSIONAL ENGINEER
ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmhgroup.com

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

1 ADDED DOOR, WINDOW AND WALL TYPES - 11/11/2026

230 WILLIAM ST - FORT RECOVERY, OH 45846

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

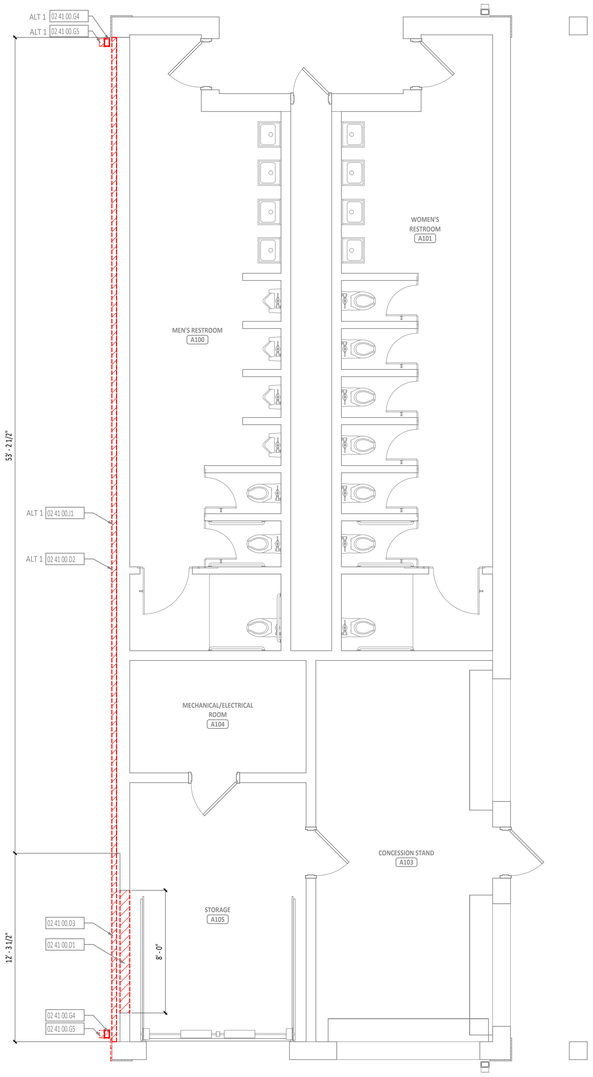
| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | BER | RJH |

SHEET TITLE:
**GENERAL NOTES, MOUNTING HEIGHTS, WALL TYPES AND SYMBOLS**

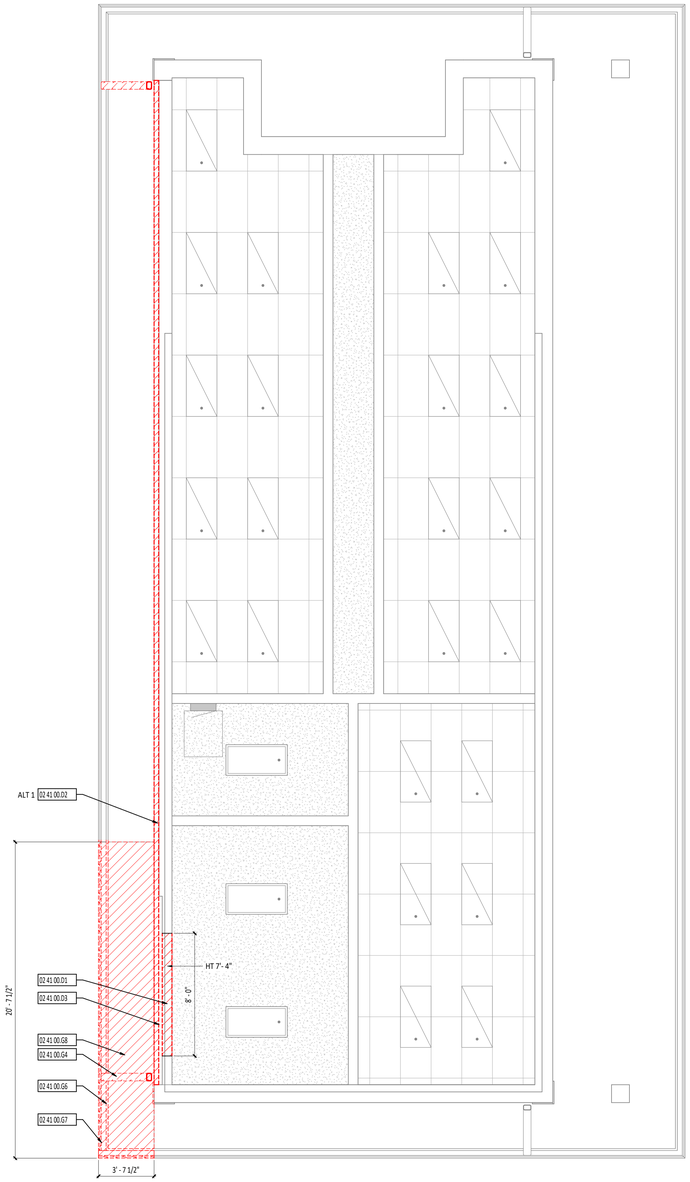
SHEET NUMBER:
**A0.1**

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1 AD1.1 **FIRST FLOOR DEMOLITION PLAN**
1/4" = 1'-0"




2 AD1.1 **REFLECTED CEILING DEMOLITION PLAN**
1/4" = 1'-0"

**FIRST FLOOR PLAN ROOM INDEX - OVERALL**

| ROOM NUMBER | ROOM NAME | ID | AREA | OCCUPANCY |
|---|---|---|---|---|
| A100 | MEN'S RESTROOM | | 358 SF | |
| A101 | WOMEN'S RESTROOM | | 353 SF | |
| A103 | CONCESSION STAND | | 287 SF | 6 |
| A104 | MECHANICAL/ELECTRICAL ROOM | | 84 SF | |
| A105 | STORAGE | | 194 SF | |
| A106 | STORAGE | | 53 SF | |
| A107 | TICKET BOOTH | | 78 SF | |
| B100 | STORAGE | | 249 SF | |
| B101 | REFEREE LOCKER ROOM | | 170 SF | 3 |
| B102 | RESTROOM/SHOWER | | 77 SF | |
| B103 | CLOSET | | 8 SF | |

| # | KEYNOTE DESCRIPTION |
|---|---|
| 02 41 00.01 | REMOVE EXISTING CONCRETE MASONRY UNIT WALL |
| 02 41 00.02 | REMOVE EXISTING FACE BRICK VENEER |
| 02 41 00.03 | REMOVE EXISTING FACE BRICK VENEER AND INSULATION |
| 02 41 00.G4 | REMOVE EXISTING DOWNSPOUT |
| 02 41 00.G5 | REMOVE EXISTING PVC DOWNSPOUT BOOT |
| 02 41 00.G6 | REMOVE EXISTING FASCIA BOARD |
| 02 41 00.G7 | REMOVE EXISTING GUTTERS |
| 02 41 00.G8 | REMOVE EXISTING SOFFIT |
| 02 41 00.J1 | REMOVE EXISTING BUILDING SIGNAGE AND STORE FOR REINSTALL |

**FLOOR PLAN SYMBOLS LEGEND**

A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.

EXTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER

SECTION — DETAIL NUMBER / SHEET NUMBER

**DEMOLITION FLOOR PLAN GENERAL NOTES**

A THESE NOTES APPLY TO ALL ARCHITECTURAL DRAWINGS. FOR DEMOLITION NOTES AND SYMBOLS APPLICABLE ONLY TO DRAWINGS OF DISCIPLINE OTHER THAN ARCHITECTURAL, REFER TO SPECIFIC DRAWINGS OF THAT GENERAL DEMOLITION NOTES DISCIPLINE.

B FIELD VERIFY CONDITIONS AND COORDINATE DEMOLITION OR REMOVAL WORK WITH CORRESPONDING NEW CONSTRUCTION WORK AND WITH ALL APPROPRIATE TRADES PRIOR TO STARTING DEMOLITION WORK. IF DISCREPANCIES ARE FOUND BETWEEN CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS, NOTIFY ARCHITECT IMMEDIATELY.

C OWNER SHALL REMOVE LOOSE ITEMS, I.E. EQUIPMENT, FURNITURE, ARTWORK, PLAQUES, ETC., PRIOR TO CONTRACTOR'S START OF WORK IN SPECIFIED AREAS. WHERE PARTIAL OCCUPANCY, CONTRACTOR SHALL COORDINATE SCHEDULE WITH OWNER.

D REMOVE ITEMS TO BE DEMOLISHED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. DESCRIPTION OF PRIMARY ITEMS TO BE REMOVED IS GENERAL IN NATURE, AND REMOVAL OF SECONDARY COMPONENTS SUCH AS BLOCKING, SUPPORTS, ANCHORS, TRIM, ADHESIVE, PIPING, WIRING, ETC., RELATED TO PRIMARY ITEMS SHALL BE INCLUDED.

E PROTECT EXISTING SURFACES TO REMAIN IN AREAS ADJACENT TO DEMOLITION WORK. CONTRACTOR TO REPAIR EXISTING SURFACES TO REMAIN DAMAGED DURING CONSTRUCTION AND DEMOLITION.

F PATCH EXISTING FLOOR, WALL, AND CEILING CONSTRUCTION AT ABANDONED PENETRATION LOCATIONS WITH NEW MATERIALS AS REQUIRED TO RECEIVE NEW FINISHES AND TO MAINTAIN ORIGINAL FIRE RATING ASSEMBLY WHERE APPLICABLE.

G SELECTIVE DEMOLITION FOR INSTALLATION OF NEW MECHANICAL, PLUMBING, OR ELECTRICAL WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR TRADE REQUIRING THE DEMOLITION.

H DEMOLISHED MATERIALS ARE THE PROPERTY OF THE CONTRACTOR UNLESS NOTED OTHERWISE AND SHALL BE PROMPTLY DISPOSED OFF SITE IN A LEGAL MANNER.

I REPAIR FINISHES AND SURFACES LEFT EXPOSED BY DEMOLITION OR REMOVAL OF EQUIPMENT USING NEW MATERIALS TO MATCH SURROUNDING SURFACES. REPAIR EXISTING FLOOR, BASE, WALL AND CEILING FINISHES TO CORRECT DEFECTS CAUSED OR EXPOSED BY DEMOLITION WORK OR EQUIPMENT REMOVAL. REPAIRED SURFACES SHALL BE SMOOTH AND UNDETECTABLE UNDER FINAL FINISHES. AREAS NOTED ON THE DWGS. TO BE REPAIRED OR PATCHED ARE GIVEN FOR REFERENCE AND SHALL NOT BE INTERPRETED TO LIMIT THE SCOPE OF WORK.

J DIMENSIONAL INFORMATION FOR NEW OPENINGS INDICATED ON DEMOLITION DWGS. ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION AND COORDINATION WITH NEW CONSTRUCTION.

L PROPER EGRESS AND APPROVED BARRIERS MUST BE MAINTAINED THROUGHOUT THE DEMOLITION AREA AT ALL TIMES.

M REMOVE DEBRIS DAILY.

STATE OF OHIO — ANDREW P. HUELSMAN — E-78372 — REGISTERED — PROFESSIONAL ENGINEER

ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2027

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# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

320 WILLIAM ST - FORT RECOVERY, OH 45846

1

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

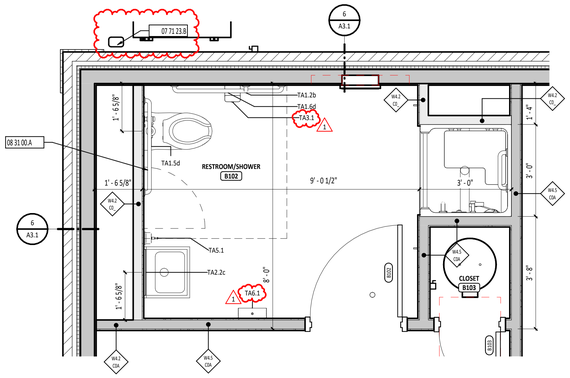
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|---|---|---|
| 26070.00 | BER | RJH |

SHEET TITLE:
**FIRST FLOOR DEMOLITION PLAN AND REFLECTED CEILING DEMOLITION PLAN**

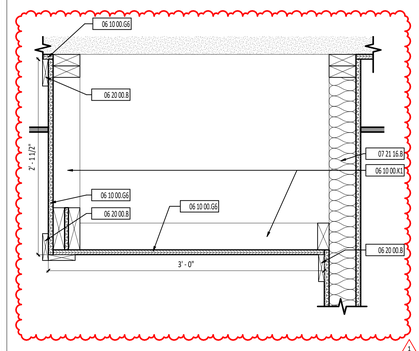
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**AD1.1**

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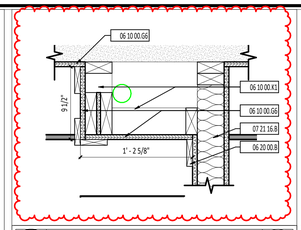
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**1 / A1.1 ENLARGED RESTROOM PLAN**
1/2" = 1'-0"




**2 / A1.1 BULKHEAD DETAIL**
1 1/2" = 1'-0"




**3 / A1.1 BULKHEAD DETAIL**
1 1/2" = 1'-0"

**TOILET ACCESSORY SCHEDULE**

| MARK | DESCRIPTION | NOTES |
|---|---|---|
| TA1.2b | GRAB BAR - SURFACE MOUNT - VERTICAL - 18" LENGTH - 39" AFF TO BOTTOM OF THE BAR | |
| TA1.5d | GRAB BAR - SURFACE MOUNT - HORIZONTAL - 36" LENGTH - 36" AFF TO TOP OF THE GRIPPING SURFACE | |
| TA1.6d | GRAB BAR - SURFACE MOUNT - HORIZONTAL - 42" LENGTH - 36" AFF TO TOP OF THE GRIPPING SURFACE | |
| TA2.2c | MIRROR - SURFACE MOUNT - 18" X 30" - 40" AFF TO BOTTOM EDGE | |
| 1 TA3.1 | TOILET PAPER DISPENSER - SURFACE MOUNT - 18" AFF TO BOTTOM | PROVIDED BY OWNER |
| TA5.1 | SOAP DISPENSER - SURFACE MOUNT - 40" AFF TO OPERATION | PROVIDED BY OWNER |
| 1 TA6.1 | PAPER TOWEL DISPENSER UNIT - SURFACE MOUNT - FOLDED TOWELS - 40" AFF TO OPERATION | PROVIDED BY OWNER |
| TA7.1 | ROBE HOOK - 60" AFF TO CENTERLINE | |

**FLOOR PLAN SYMBOLS LEGEND**

A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.

EXTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER

SECTION — 6/A6 — DETAIL NUMBER / SHEET NUMBER

**WALL TYPE INFORMATION**

XXX / XXA — WALL TYPE SYMBOL; WALL TYPE (REFERENCE PLAN AND TYPE DETAILS); ADDITIONAL INFORMATION; SEE BELOW; FIRE/SMOKE RATING: 0,1,2,3, OR S (SMOKE); WALL HEIGHT; REFERENCE WALL TYPE DETAILS

**ADDITIONAL INFORMATION**

A = ACOUSTICAL BATT INSULATION
FW = FIRE RATED WALL
FB = FIRE BARRIER WALL
G = GROUT WALL FULL
T = THERMAL INSULATION

**FLOOR PLAN GENERAL NOTES**

A ALL DIMENSIONS ARE MEASURED TO THE FACE OF MASONRY OR THE FACE OF METAL STUD UNLESS NOTED OTHERWISE.
C INSTALL TREATED WOOD BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EQUIPMENT, ACCESSORIES, HANDRAILS, CASEWORK, ETC. COORDINATE THIS WORK WITH ALL APPROPRIATE CONTRACTORS, SUPPLIERS AND MANUFACTURERS RECOMMENDATIONS.
E REFERENCE A0.1 FOR WALL TO T1-11 TERMINATION DETAILS.
F HINGE SIDE OF DOOR JAMB AT INTERSECTING WALLS TO BE LOCATED 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE - REFERENCE FLOOR PLANS.
G IF WALL TYPE IS NOT IDENTIFIED, WALL IS TO RUN FULL HEIGHT TO DECK.

**REFLECTED CEILING PLAN GENERAL NOTES**

C USE CEILING TYPE A UNLESS NOTED OTHERWISE.
D REFERENCE ELECTRICAL, MECHANICAL AND TECHNOLOGY DRAWINGS FOR MORE INFORMATION ON ALL CEILING MOUNTED DEVICES.
E EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE

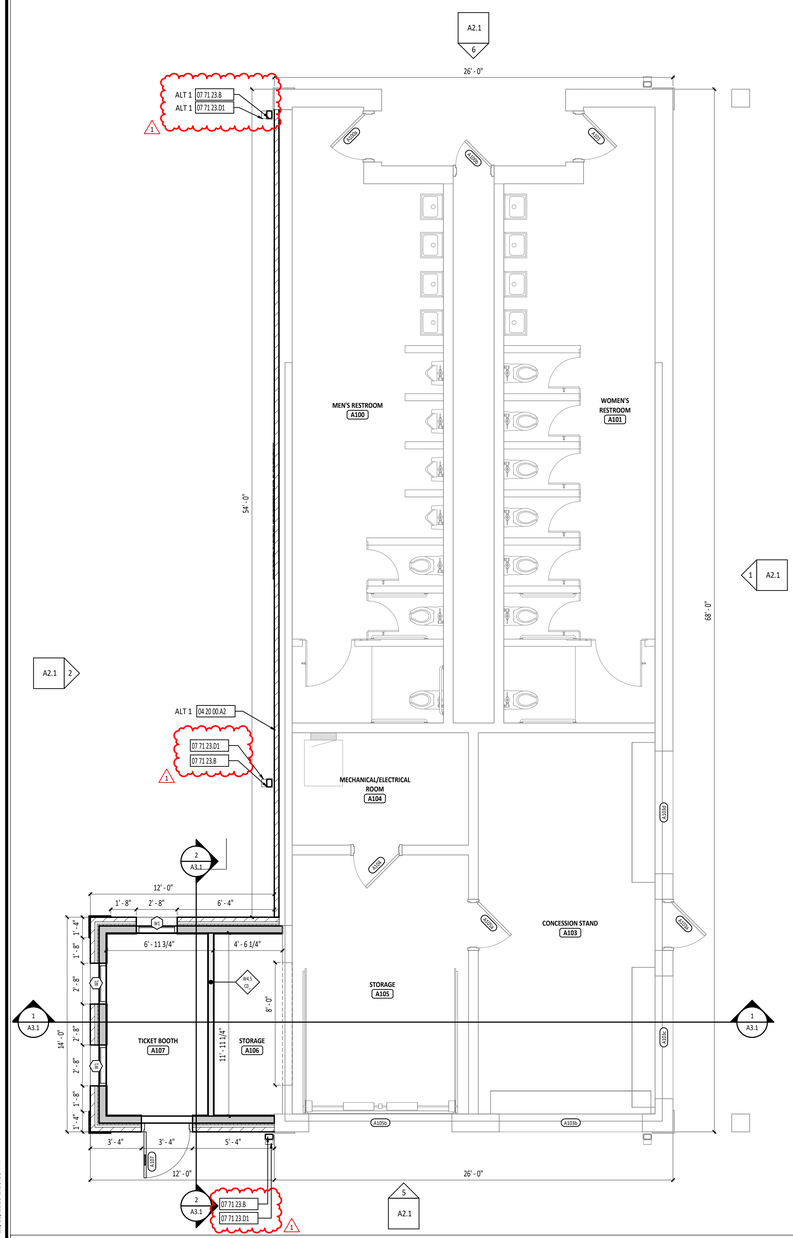
**FIRST FLOOR PLAN ROOM INDEX - OVERALL**

| ROOM NUMBER | ROOM NAME | ID | AREA | OCCUPANCY |
|---|---|---|---|---|
| A100 | MEN'S RESTROOM | | 358 SF | |
| A101 | WOMEN'S RESTROOM | | 353 SF | |
| A103 | CONCESSION STAND | | 287 SF | 6 |
| A104 | MECHANICAL/ELECTRICAL ROOM | | 84 SF | |
| A105 | STORAGE | | 194 SF | |
| A106 | STORAGE | | 53 SF | |
| A107 | TICKET BOOTH | | 78 SF | |
| B100 | STORAGE | | 249 SF | |
| B101 | REFEREE LOCKER ROOM | | 170 SF | 3 |
| B102 | RESTROOM/SHOWER | | 77 SF | |
| B103 | CLOSET | | 8 SF | |

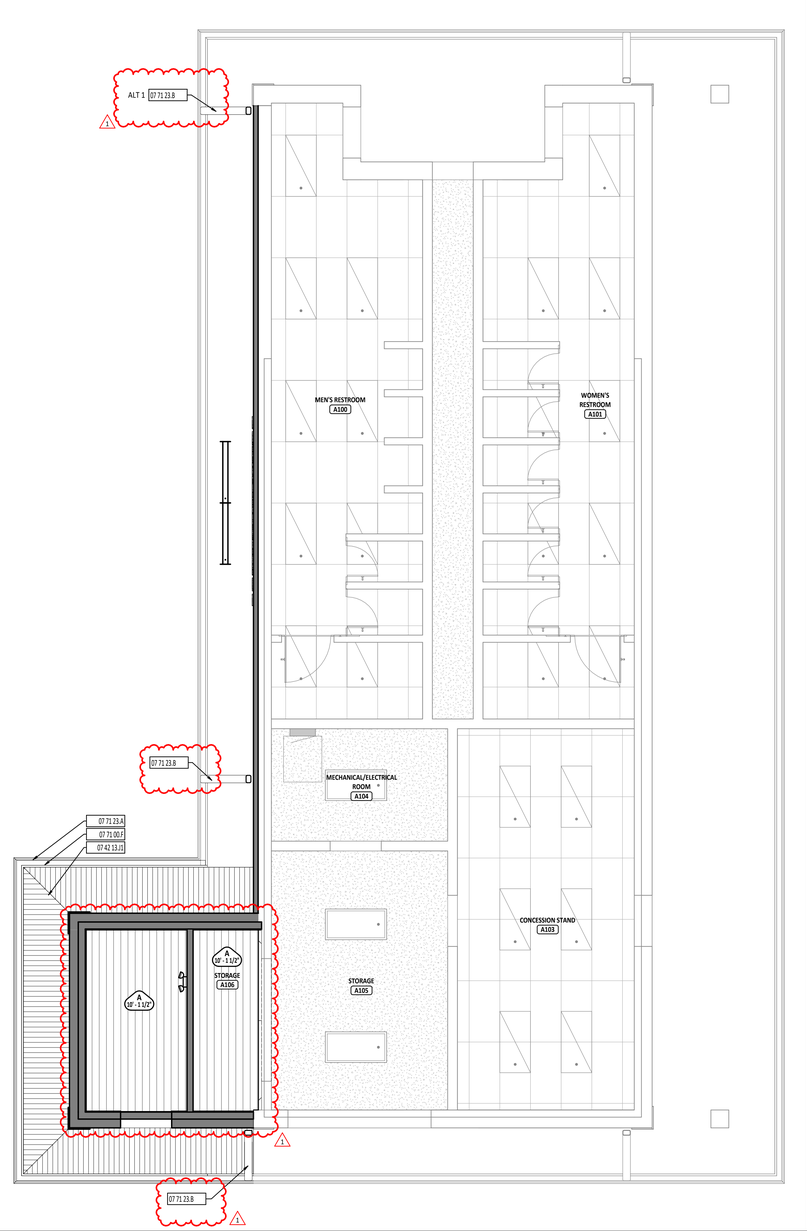
| # | KEYNOTE DESCRIPTION |
|---|---|
| 04 20 00.A2 | FACE BRICK VENEER - TYPE 1 |
| 06 10 00.G6 | T1-11 SHEATHING |
| 06 10 00.K1 | 2X4 WOOD FRAMING AT 16" OC |
| 06 20 00.B | 1X FINISHED WOOD TRIM - PAINT. |
| 07 21 16.B | ACOUSTIC BATT INSULATION - FULL CAVITY THICKNESS |
| 07 42 13.J1 | VENTED METAL SOFFIT SYSTEM WITH SUPPORT STRUCTURE AS REQUIRED - PROVIDE VENTED PANEL EVERY 5'-0" |
| 07 71 00.F | PREFINISHED ALUMINUM ARCHITECTURAL FASCIA |
| 07 71 23.A | PREFINISHED METAL GUTTER WITH STRAP AND ANCHORAGES |
| 07 71 23.B | PREFINISHED METAL DOWNSPOUT - MATCH EXISTING |
| 07 71 23.D1 | PVC DOWNSPOUT BOOT - COORDINATE WITH SITE CONTRACTOR |
| 08 31 00.A | ACCESS DOOR - MOUNT AT 6" AFF |
| 08 31 00.B | ATTIC ACCESS PANEL |

**CEILING SCHEDULE**

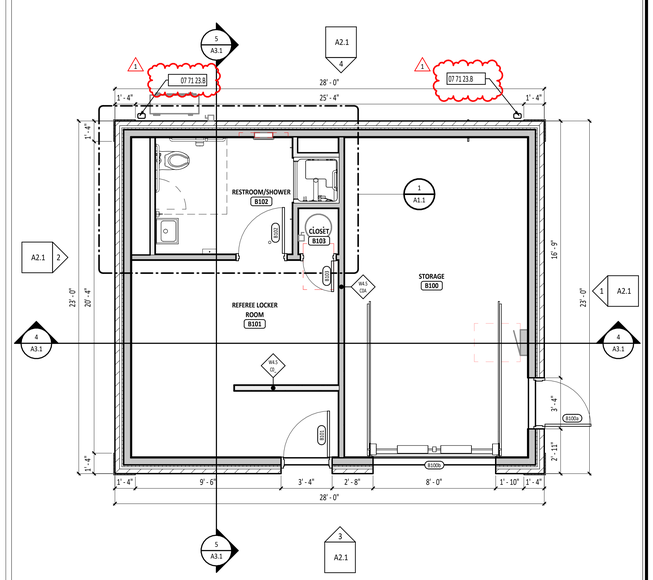
| MARK | DESCRIPTION | NOTES |
|---|---|---|
| A | T1-11 SHEATHING ATTACHED TO THE UNDERSIDE OF THE PRE-ENGINEERED ROOF TRUSSES. PAINTED | |
| B | GYPSUM WALL BOARD ATTACHED TO THE UNDERSIDE OF THE PRE-ENGINEERED ROOF TRUSSES. PAINTED. | EPOXY PAINT FINISH |



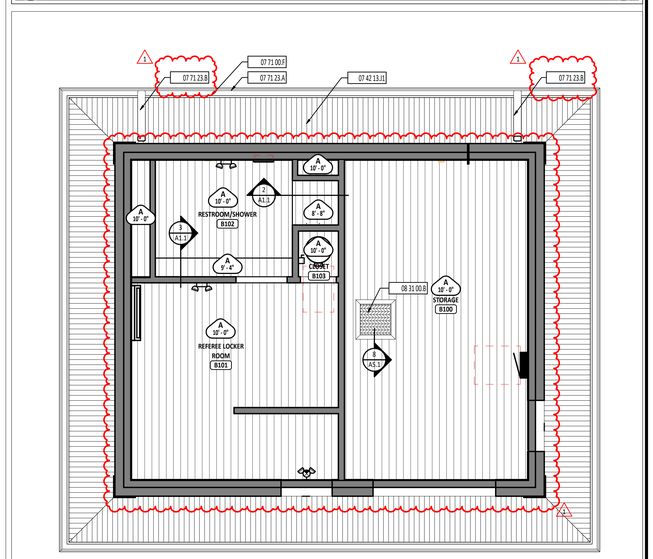

**4 / A1.1 TICKET BOOTH ADDITION - FIRST FLOOR PLAN**
1/4" = 1'-0"




**5 / A1.1 TICKET BOOTH ADDITION - REFLECTED CEILING PLAN**
1/4" = 1'-0"




**6 / A1.1 REFEREE BUILDING - FIRST FLOOR PLAN**
1/4" = 1'-0"




**7 / A1.1 REFEREE BUILDING - RELFECTED CEILING PLAN**
1/4" = 1'-0"

STATE OF OHIO
ANDREW P. HUELSMAN
E-78372
REGISTERED
PROFESSIONAL ENGINEER
ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2027

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# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

220 WILLIAM ST - FORT RECOVERY, OH 45846

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

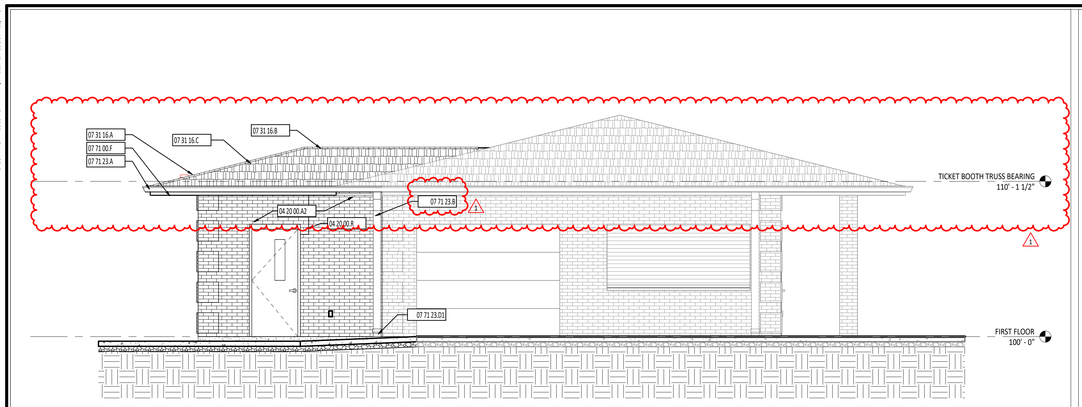
| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | BER | RJH |

SHEET TITLE:
**FIRST FLOOR PLAN, REFLECTED CEILING PLAN AND ENLARGED RESTROOM PLAN**

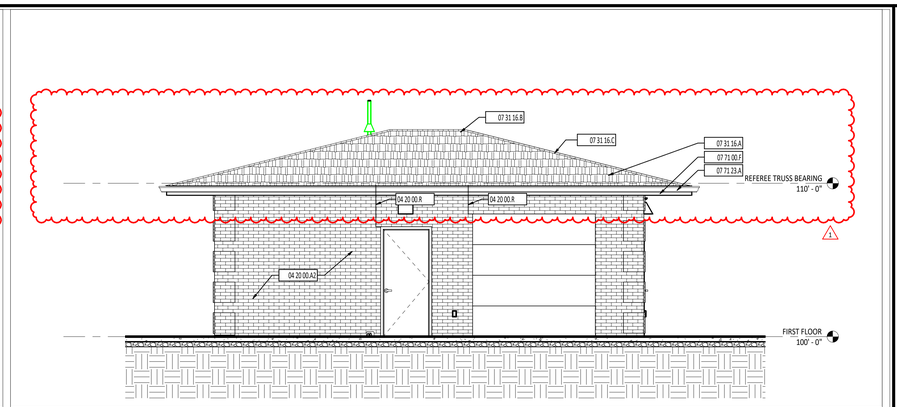
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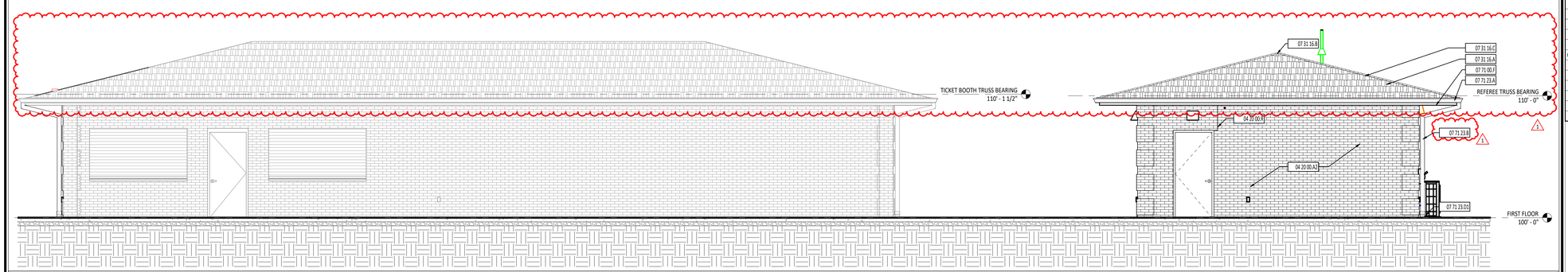
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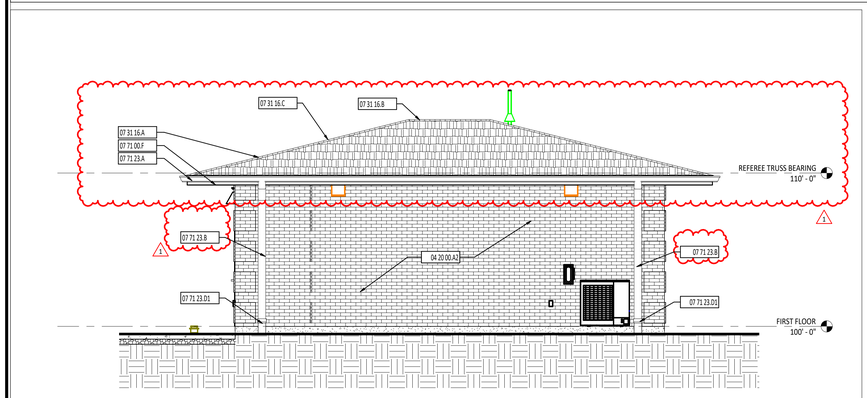

5 A2.1 **TICKET BOOTH ADDITION - SOUTH BUILDING ELEVATION**
1/4" = 1'-0"



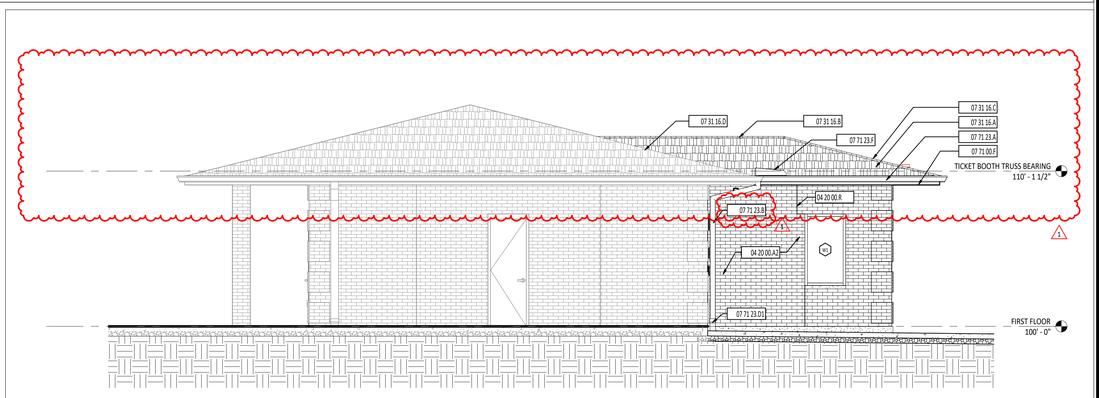

3 A2.1 **REFEREE BUILDING - SOUTH BUILDING ELEVATION**
1/4" = 1'-0"



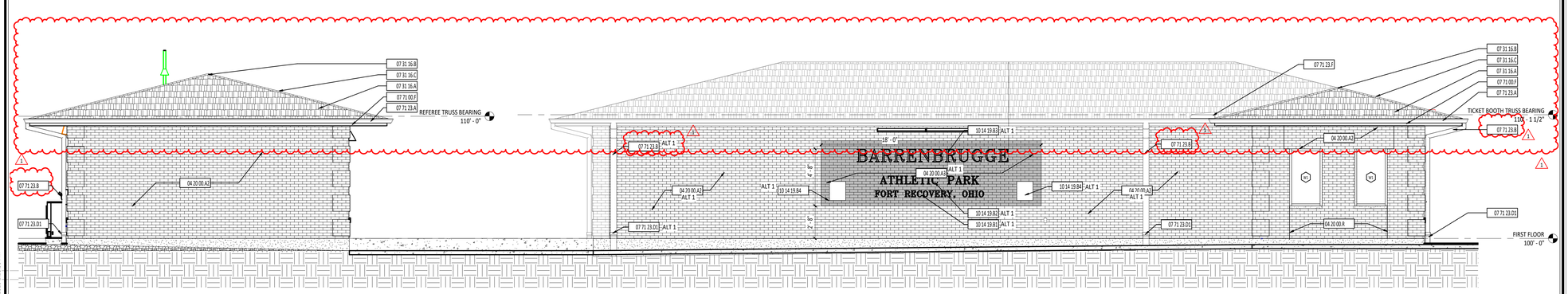

1 A2.1 **EAST BUILDING ELEVATION**
1/4" = 1'-0"




4 A2.1 **REFEREE BUILDING - NORTH BUILDING ELEVATION**
1/4" = 1'-0"




6 A2.1 **TICKET BOOTH ADDITION - NORTH BUILDING ELEVATION**
1/4" = 1'-0"




2 A2.1 **WEST BUILDING ELEVATION**
1/4" = 1'-0"

**EXTERIOR ELEVATION GENERAL NOTES**

A PROVIDE CONTROL JOINTS AND EXPANSION JOINTS AT BUILDING INSIDE CORNERS AND AT CONCRETE MASONRY UNIT VENEER AND BRICK VENEER MATERIAL CHANGES.

**EXTERIOR ELEVATION SYMBOLS LEGEND**

- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- SIGNAGE DESIGNATION - REFERENCE SIGNAGE DETAILS.
- CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- LEVEL ELEVATION — LEVEL LINE
- STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - XX XX XX.XX.XX
  - KEYNOTE DESIGNATION
  - SPECIFICATION SECTION
- AREA OF DETAIL — X / XX.X — SIM — CALLOUT
  - DETAIL NUMBER
  - SHEET NUMBER
- SIM — X / XX.X — SECTION
  - DETAIL NUMBER
  - SHEET NUMBER

| # | KEYNOTE DESCRIPTION |
|---|---|
| 04 20 00.A2 | FACE BRICK VENEER - TYPE 1 |
| 04 20 00.A3 | FACE BRICK VENEER - TYPE 2 |
| 04 20 00.R | BRICK EXPANSION JOINT |
| 07 31 16.A | METAL SHINGLES |
| 07 31 16.B | RIDGE VENT |
| 07 31 16.C | HIP SINGLE |
| 07 31 16.D | VALLEY SHINGLE |
| 07 71 00.F | PREFINISHED ALUMINUM ARCHITECTURAL FASCIA |
| 07 71 23.A | PREFINISHED METAL GUTTER WITH STRAP AND ANCHORAGES |
| 07 71 23.B | PREFINISHED METAL DOWNSPOUT - MATCH EXISTING |
| 07 71 23.D1 | PVC DOWNSPOUT BOOT - COORDINATE WITH SITE CONTRACTOR |
| 07 71 23.F | SPLASH BLOCK |
| 10 14 19.81 | REINSTALL EXISTING 8" HIGH EXTERIOR BUILDING LETTERING |
| 10 14 19.82 | REINSTALL EXISTING 10" HIGH EXTERIOR BUILDING LETTERING |
| 10 14 19.83 | REINSTALL EXISTING 12" HIGH EXTERIOR BUILDING LETTERING |
| 10 14 19.84 | REINSTALL EXISTING RECOGNITION PLAQUES |
| Division 01 | General Requirements |

STATE OF OHIO
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# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

230 WILLIAM ST - FORT RECOVERY, OH 45846

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | BER | RJH |

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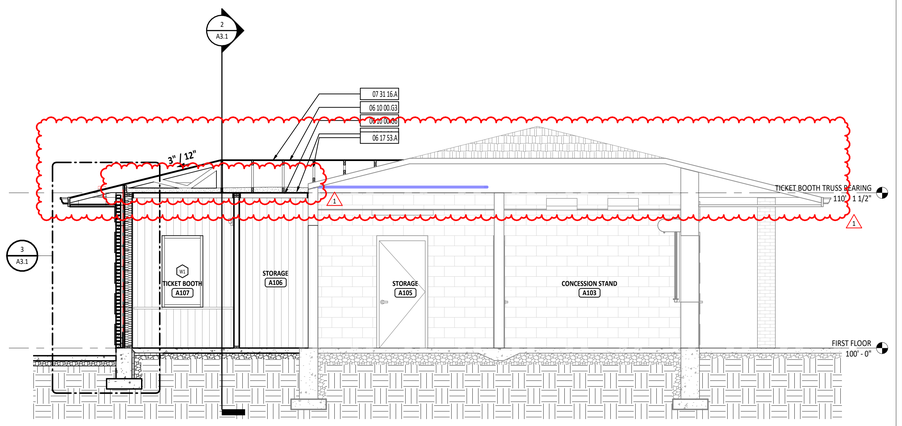
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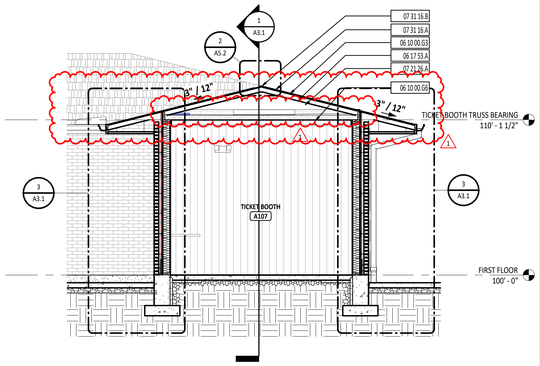
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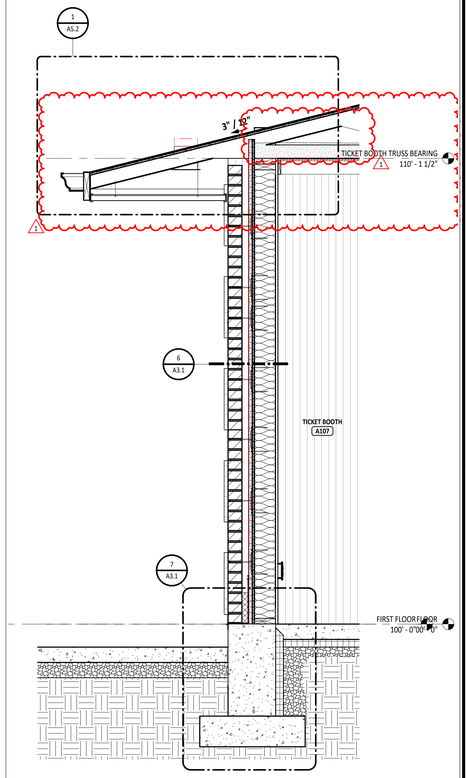
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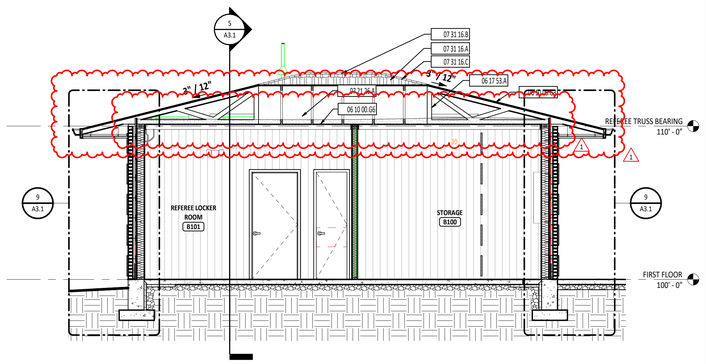

**1 A3.1 TICKET BOOTH ADDITION - BUILDING SECTION**
1/4" = 1'-0"



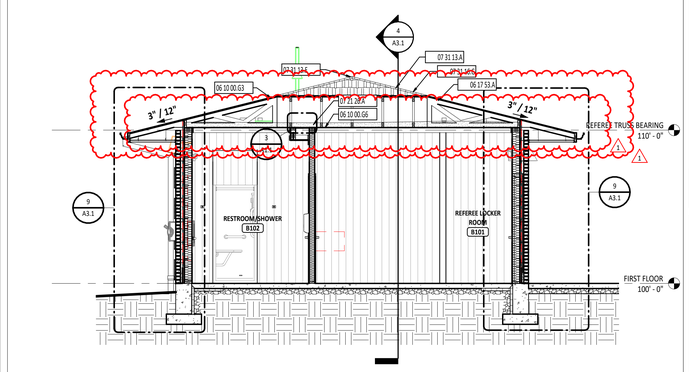

**2 A3.1 TICKET BOOTH ADDITION - BUILDING SECTION**
1/4" = 1'-0"



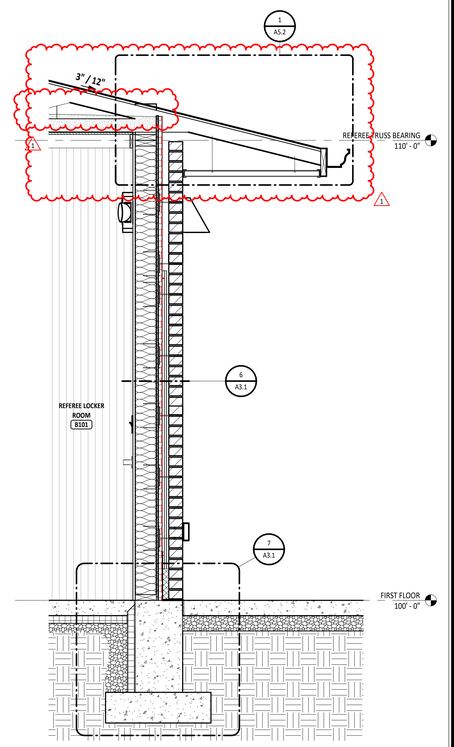

**3 A3.1 TICKET BOOTH ADDITION - WALL SECTION**
3/4" = 1'-0"



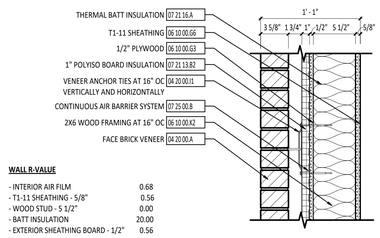

**4 A3.1 REFEREE BUILDING - BUILDING SECTION**
1/4" = 1'-0"




**5 A3.1 REFEREE BUILDING - BUILDING SECTION**
1/4" = 1'-0"



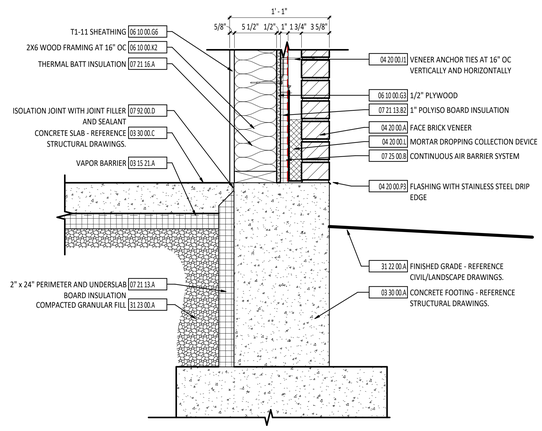

**9 A3.1 REFEREE BUILDING - WALL SECTION**
3/4" = 1'-0"



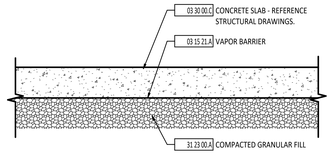

**WALL R-VALUE**

| | |
|---|---|
| - INTERIOR AIR FILM | 0.68 |
| - T1-11 SHEATHING - 5/8" | 0.56 |
| - WOOD STUD - 5 1/2" | 0.00 |
| - BATT INSULATION | 20.00 |
| - EXTERIOR SHEATHING BOARD - 1/2" | 0.56 |
| - CONTINUOUS AIR BARRIER | 0.00 |
| - CAVITY INSULATION - 1" | 6.00 |
| - AIR CAVITY - 1 5/8" | 1.00 |
| - BRICK MASONRY - 3 5/8" | 0.44 |
| - EXTERIOR AIR FILM | 0.17 |
| **TOTAL R-VALUE** | **29.41** |

**6 A3.1 EXTERIOR WALL ASSEMBLY**
1 1/2" = 1'-0"




**7 A3.1 TYPICAL FOUNDATION DETAIL**
1 1/2" = 1'-0"




**8 A3.1 CONCRETE SLAB ASSEMBLY**
1 1/2" = 1'-0"

**BUILDING SECTION SYMBOLS LEGEND**

- (XXXX) DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- (A101) ROOM DESIGNATION - REFERENCE ROOM INDEX.
- (V) CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- LEVEL ELEVATION — LEVEL LINE
- (X) — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- XX XX XX.XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. KEYNOTE DESIGNATION / SPECIFICATION SECTION
- AREA OF DETAIL — X / XX.X — SIM — CALLOUT: DETAIL NUMBER / SHEET NUMBER
- X / XX.X — SIM — SECTION: DETAIL NUMBER / SHEET NUMBER

**WALL SECTION SYMBOLS LEGEND**

- (XXXX) DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- (A101) ROOM DESIGNATION - REFERENCE ROOM INDEX.
- (V) CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- LEVEL ELEVATION — LEVEL LINE
- (X) — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- XX XX XX.XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. KEYNOTE DESIGNATION / SPECIFICATION SECTION
- AREA OF DETAIL — X / XX.X — SIM — CALLOUT: DETAIL NUMBER / SHEET NUMBER
- X / XX.X — SIM — SECTION: DETAIL NUMBER / SHEET NUMBER

| # | KEYNOTE DESCRIPTION |
|---|---|
| 03 15 21.A | VAPOR BARRIER |
| 03 30 00.A | CONCRETE FOOTING - REFERENCE STRUCTURAL DRAWINGS. |
| 03 30 00.C | CONCRETE SLAB - REFERENCE STRUCTURAL DRAWINGS. |
| 04 20 00.A | FACE BRICK VENEER |
| 04 20 00.I1 | VENEER ANCHOR TIES AT 16" OC VERTICALLY AND HORIZONTALLY |
| 04 20 00.L | MORTAR DROPPING COLLECTION DEVICE |
| 04 20 00.P3 | FLASHING WITH STAINLESS STEEL DRIP EDGE |
| 06 10 00.G3 | 1/2" PLYWOOD |
| 06 10 00.G6 | T1-11 SHEATHING |
| 06 10 00.K2 | 2X6 WOOD FRAMING AT 16" OC |
| 06 17 53.A | SHOP-FABRICATED WOOD TRUSS - REFERENCE STRUCTURAL DRAWINGS. |
| 07 21 13.A | 2" x 24" PERIMETER AND UNDERSLAB BOARD INSULATION |
| 07 21 13.B2 | 1" POLYISO BOARD INSULATION |
| 07 21 16.A | THERMAL BATT INSULATION |
| 07 21 26.A | BLOWN INSULATION |
| 07 25 00.B | CONTINUOUS AIR BARRIER SYSTEM |
| 07 31 13.A | ASPHALT SHINGLE ROOFING |
| 07 31 13.E | RIDGE VENT |
| 07 31 16.A | METAL SHINGLES |
| 07 31 16.B | RIDGE VENT |
| 07 31 16.C | HIP SINGLE |
| 07 92 00.D | ISOLATION JOINT WITH JOINT FILLER AND SEALANT |
| 31 22 00.A | FINISHED GRADE - REFERENCE CIVIL/LANDSCAPE DRAWINGS. |
| 31 23 00.A | COMPACTED GRANULAR FILL |

STATE OF OHIO
ANDREW P. HUELSMAN
E-78372
REGISTERED
PROFESSIONAL ENGINEER

ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2027

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# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

230 WILLIAM ST - FORT RECOVERY, OH 45846

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | BER | RJH |

SHEET TITLE:

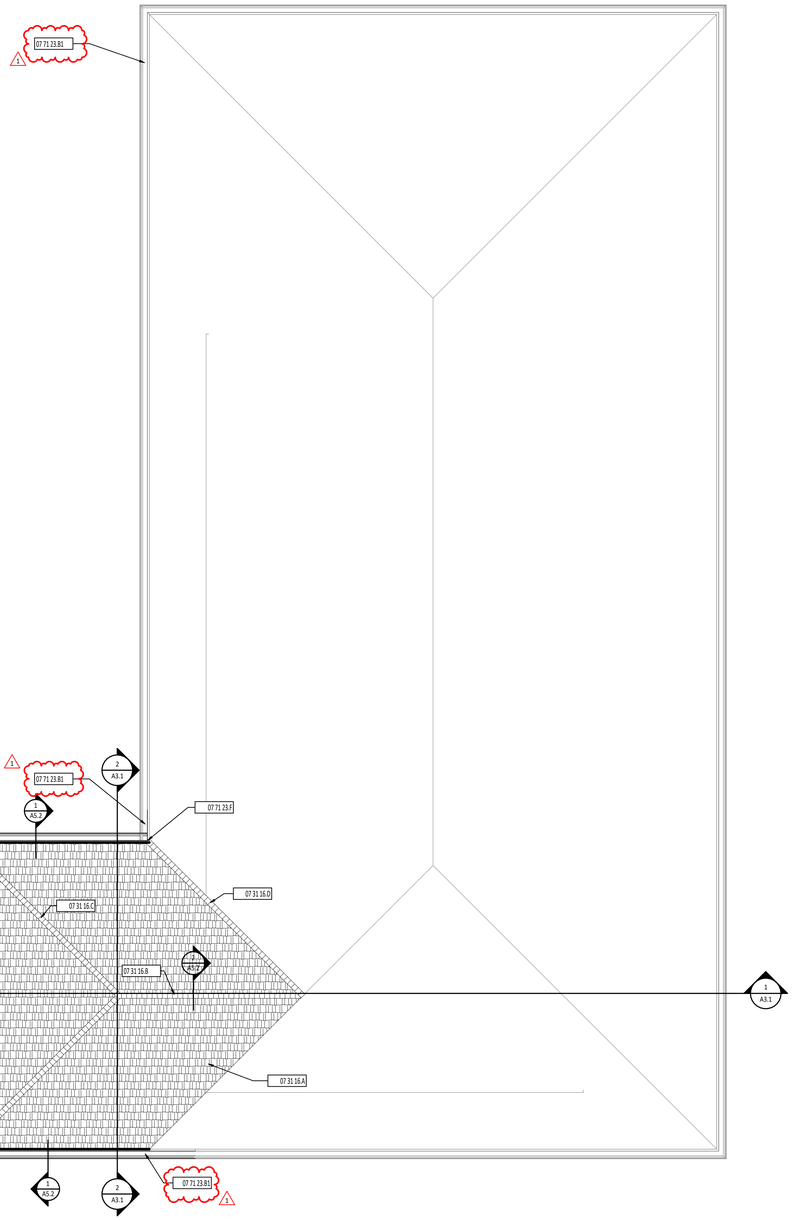
**BUILDING AND WALL SECTIONS DETAILS**

SHEET NUMBER:

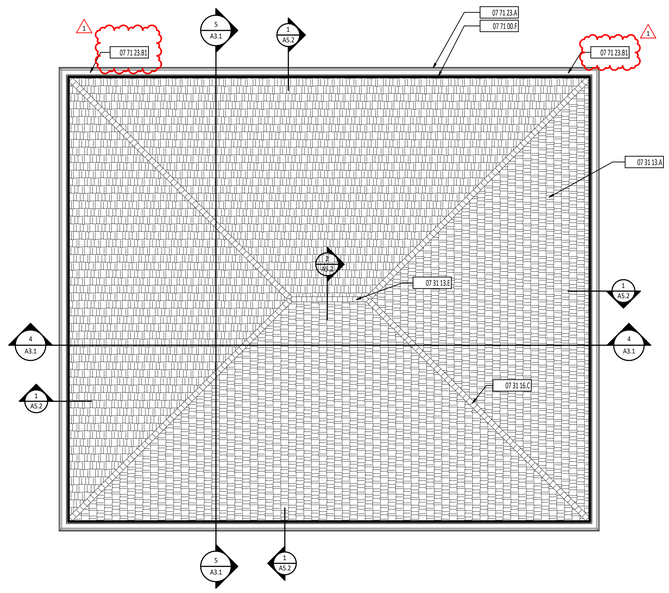
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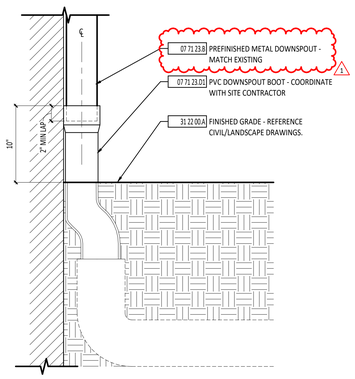
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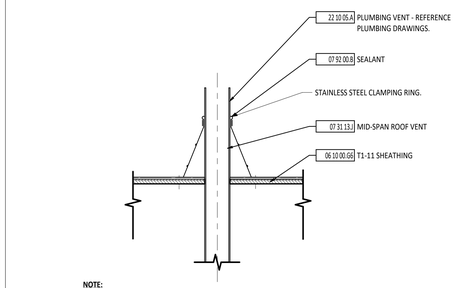

**1 TICKET BOOTH ADDITION - ROOF PLAN**
A5.1 — 1/4" = 1'-0"




**2 REFEREE BUILDING - ROOF PLAN**
A5.1 — 1/4" = 1'-0"




**3 DOWNSPOUT BOOT DETAIL**
A5.1 — 1 1/2" = 1'-0"

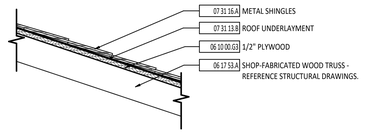



**NOTE:**
METAL ROOF MANUFACTURER AND DIVISION 22 TO COORDINATE EXACT LOCATION OF ROOF OPENING AND SIZE.

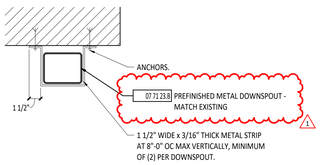
**4 VENT STACK PENETRATION DETAIL**
A5.1 — 1 1/2" = 1'-0"

**ROOF R-VALUE:**

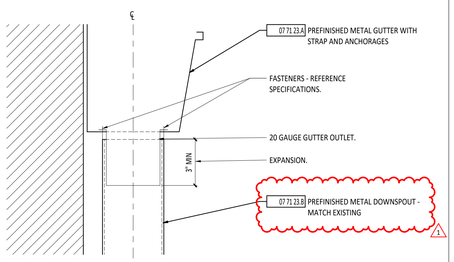
| | |
|---|---|
| OUTSIDE AIR FILM | 0.17 |
| STANDING SEAM METAL ROOF | 0.00 |
| ROOF UNDERLAYMENT | 0.00 |
| EXTERIOR SHEATHING BOARD | 0.56 |
| ROOF TRUSS | 0.00 |
| INSIDE AIR FILM | 0.61 |
| BLOWN INSULATION | 49.00 |
| **TOTAL R-VALUE:** | **50.34** |



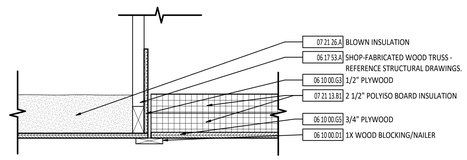

**5 ROOF ASSEMBLY**
A5.1 — 1 1/2" = 1'-0"




**6 DOWNSPOUT BRACKET DETAIL**
A5.1 — 1 1/2" = 1'-0"




**7 GUTTER/DOWNSPOUT CONNECTION DETAIL**
A5.1 — 3" = 1'-0"




**8 ATTIC ACCESS PANEL**
A5.1 — 1 1/2" = 1'-0"

**ROOF PLAN PLAN GENERAL NOTES**

**ROOF PLAN SYMBOLS LEGEND**

F — FLUE DESIGNATION
V — VENT DESIGNATION

DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
XX XX XX.XX
KEYNOTE DESIGNATION
SPECIFICATION SECTION

AREA OF DETAIL — X / XX.X SIM — CALLOUT
DETAIL NUMBER
SHEET NUMBER

X / XX.X SIM — SECTION
DETAIL NUMBER
SHEET NUMBER

**ROOF PLAN MATERIAL PATTERNS LEGEND**

TAPERED INSULATION

| # | KEYNOTE DESCRIPTION |
|---|---|
| 06 10 00.D1 | 1X WOOD BLOCKING/NAILER |
| 06 10 00.G3 | 1/2" PLYWOOD |
| 06 10 00.G5 | 3/4" PLYWOOD |
| 06 10 00.G6 | T1-11 SHEATHING |
| 06 17 53.A | SHOP-FABRICATED WOOD TRUSS - REFERENCE STRUCTURAL DRAWINGS. |
| 07 21 13.B1 | 2 1/2" POLYISO BOARD INSULATION |
| 07 21 26.A | BLOWN INSULATION |
| 07 31 13.A | ASPHALT SHINGLE ROOFING |
| 07 31 13.B | ROOF UNDERLAYMENT |
| 07 31 13.E | RIDGE VENT |
| 07 31 13.J | MID-SPAN ROOF VENT |
| 07 31 16.A | METAL SHINGLES |
| 07 31 16.B | RIDGE VENT |
| 07 31 16.C | HIP SINGLE |
| 07 31 16.D | VALLEY SHINGLE |
| 07 71 00.F | PREFINISHED ALUMINUM ARCHITECTURAL FASCIA |
| 07 71 23.A | PREFINISHED METAL GUTTER WITH STRAP AND ANCHORAGES |
| 07 71 23.B | PREFINISHED METAL DOWNSPOUT - MATCH EXISTING |
| 07 71 23.B1 | 4" x 6" PREFINISHED METAL DOWNSPOUT |
| 07 71 23.D1 | PVC DOWNSPOUT BOOT - COORDINATE WITH SITE CONTRACTOR |
| 07 71 23.F | SPLASH BLOCK |
| 07 92 00.B | SEALANT |
| 22 10 05.A | PLUMBING VENT - REFERENCE PLUMBING DRAWINGS. |
| 31 22 00.A | FINISHED GRADE - REFERENCE CIVIL/LANDSCAPE DRAWINGS. |

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# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

220 WILLIAM ST - FORT RECOVERY, OH 45846

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
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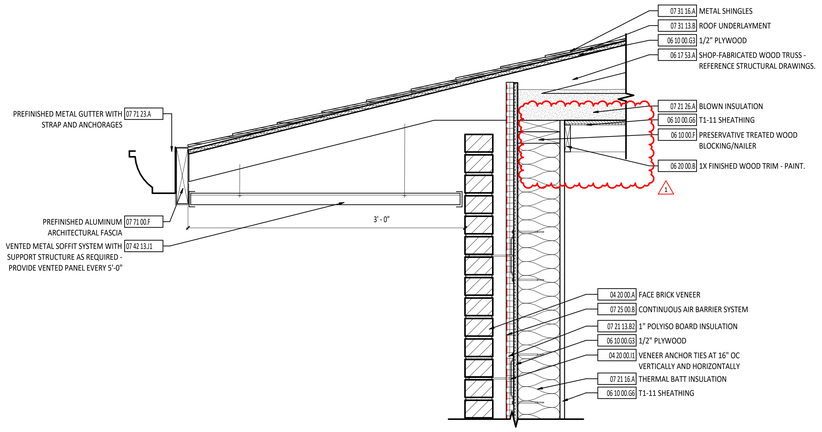
| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | BER | RJH |

SHEET TITLE:
**ROOF PLAN AND DETAILS**

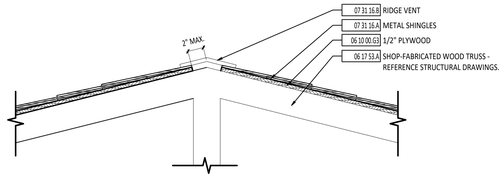
SHEET NUMBER:
**A5.1**

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**1 / A5.2 EAVE DETAIL WITH SOFFIT**
1 1/2" = 1'-0"




**2 / A5.2 RIDGE CAP DETAIL**
1 1/2" = 1'-0"

**ROOF PLAN PLAN GENERAL NOTES**

**ROOF PLAN SYMBOLS LEGEND**

F FLUE DESIGNATION
V VENT DESIGNATION
XX XX XX.XX DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
KEYNOTE DESIGNATION
SPECIFICATION SECTION
AREA OF DETAIL X XX.X SIM CALLOUT
DETAIL NUMBER
SHEET NUMBER
X XX.X SIM SECTION
DETAIL NUMBER
SHEET NUMBER

**ROOF PLAN MATERIAL PATTERNS LEGEND**

TAPERED INSULATION

| # | KEYNOTE DESCRIPTION |
|---|---|
| 04 20 00.A | FACE BRICK VENEER |
| 04 20 00.I1 | VENEER ANCHOR TIES AT 16" OC VERTICALLY AND HORIZONTALLY |
| 06 10 00.F | PRESERVATIVE TREATED WOOD BLOCKING/NAILER |
| 06 10 00.G3 | 1/2" PLYWOOD |
| 06 10 00.G6 | T1-11 SHEATHING |
| 06 17 53.A | SHOP-FABRICATED WOOD TRUSS - REFERENCE STRUCTURAL DRAWINGS. |
| 06 20 00.B | 1X FINISHED WOOD TRIM - PAINT. |
| 07 21 13.B2 | 1" POLYISO BOARD INSULATION |
| 07 21 16.A | THERMAL BATT INSULATION |
| 07 21 26.A | BLOWN INSULATION |
| 07 25 00.B | CONTINUOUS AIR BARRIER SYSTEM |
| 07 31 13.B | ROOF UNDERLAYMENT |
| 07 31 16.A | METAL SHINGLES |
| 07 31 16.B | RIDGE VENT |
| 07 42 13.J1 | VENTED METAL SOFFIT SYSTEM WITH SUPPORT STRUCTURE AS REQUIRED - PROVIDE VENTED PANEL EVERY 5'-0" |
| 07 71 00.F | PREFINISHED ALUMINUM ARCHITECTURAL FASCIA |
| 07 71 23.A | PREFINISHED METAL GUTTER WITH STRAP AND ANCHORAGES |

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# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

220 WILLIAM ST - FORT RECOVERY, OH 45846

| ISSUANCES/REVISIONS | | |
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| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | BER | RJH |

SHEET TITLE:
**ROOF DETAILS**

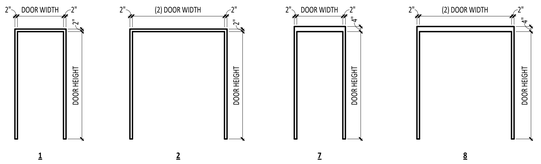
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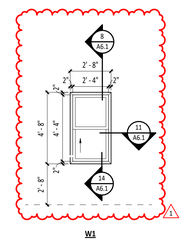
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## DOOR/OPENING SCHEDULE

| NUMBER | DOOR SIZE | DOOR THK | DOOR MATL | DOOR TYPE | DOOR GLASS | FRAME DEPTH | FRAME MATL | FRAME TYPE | FRAME GLASS | DETAIL NUMBER HEAD | DETAIL NUMBER JAMB | DETAIL NUMBER SILL | HARDWARE SET | ROOM KEY SIDE | FUNCTION | LABEL (MIN) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A107 | 3'-0" x 7'-0" | 1 3/4" | HM | NL | 5/8" - TG - SG - IG | 8 3/4" | HM | 7 | - | 6/A6.1 | 9/A6.1 | 12/A6.1 | 1 | | Exterior | - | |
| B100a | 3'-0" x 7'-0" | 1 3/4" | HM | F | - | 8 3/4" | HM | 7 | - | 6/A6.1 | 9/A6.1 | 12/A6.1 | 1 | | Exterior | - | |
| B100b | 8'-0" X 8'-0" | 2" | AL | OHD | - | 13" | AL | - | - | 8/A6.1 | 11/A6.1 | 14/A6.1 | 4 | | Exterior | - | |
| B101 | 3'-0" x 7'-0" | 1 3/4" | HM | F | - | 8 3/4" | HM | 7 | - | 6/A6.1 | 9/A6.1 | 12/A6.1 | 1 | | Exterior | - | |
| B102 | 3'-0" x 7'-0" | 1 3/4" | HM | F | - | 5 3/4" | HM | 1 | - | 3/A6.1 | 4/A6.1 | - | 2 | | Interior | - | |
| B103 | 2'-0" x 7'-0" | 1 3/4" | HM | F | - | 5 3/4" | HM | 1 | - | 3/A6.1 | 4/A6.1 | - | 3 | | Interior | - | |




1 A6.1 **HOLLOW METAL DOOR FRAME TYPES**
1/4" = 1'-0"




2 A6.1 **WINDOW ELEVATIONS**
1/4" = 1'-0"

### DOOR GENERAL NOTES

A REFERENCE A6 SHEETS FOR DOOR AND STOREFRONT DETAILS.
B REFERENCE SPECIFICATION SECTION 08 71 00 FOR HARDWARE SETS.

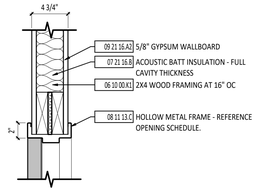
### DOOR/OPENING SCHEDULE ABBREVIATIONS

**SYMBOL DESCRIPTION**

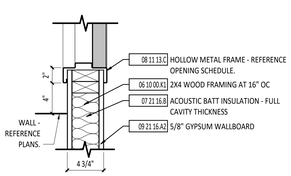
| | |
|---|---|
| AL | ALUMINUM |
| CD | COILING DOOR |
| DG | DIFFUSING GLASS |
| F | FLUSH |
| FG | FULL GLASS |
| FRG | FIRE RATED GLASS |
| HG | HALF GLASS |
| HM | HOLLOW METAL |
| IG | INSULATED GLASS |
| LG | LAMINATED GLASS |
| N | NARROW LITE |
| SG | SAFETY GLASS |
| TG | TEMPERED GLASS |
| W | WOOD |

### DOOR/OPENING SCHEDULE NOTES

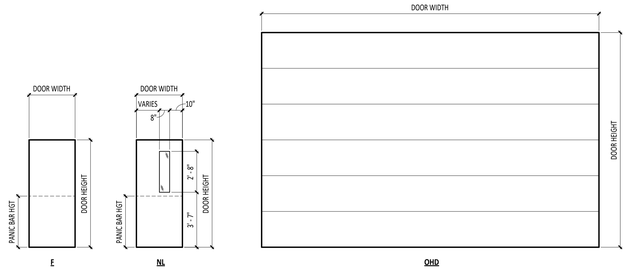
1. ACOUSTICAL DOOR.
2. DOOR AND FRAME/LOCK BY SECTION ?? ?? ??.
3. REFERENCE ELECTRONIC SCHEMATIC WIRING DIAGRAM DETAIL ?/A6.?.
4. REFERENCE ELECTRONIC SCHEMATIC WIRING DIAGRAM DETAIL ?/A6.?.
5. DOUBLE EGRESS DOOR.
6. HOLLOW METAL FRAMED WINDOW.
7. EMERGENCY EXTERIOR DOOR NUMBERING - ADHERE 12" NUMERIC STICKER TO INSIDE FACE OF GLAZING. ACTUAL DOOR NUMBER TO BE THE FOLLOWING:
   - NUMERIC STICKER "1" AT DOOR ?
   - NUMERIC STICKER "2" AT DOOR ?
   - NUMERIC STICKER "3" AT DOOR ?
   - NUMERIC STICKER "4" AT DOOR ?
   - NUMERIC STICKER "5" AT DOOR ?
   - NUMERIC STICKER "6" AT DOOR ?
   - NUMERIC STICKER "7" AT DOOR ?
   - NUMERIC STICKER "8" AT DOOR ?
   - NUMERIC STICKER "9" AT DOOR ?
   - NUMERIC STICKER "10" AT DOOR ?
   - NUMERIC STICKER "11" AT DOOR ?
   - NUMERIC STICKER "12" AT DOOR ?
   - NUMERIC STICKER "13" AT DOOR ?
   - NUMERIC STICKER "14" AT DOOR ?
   - NUMERIC STICKER "15" AT DOOR ?
   - NUMERIC STICKER "16" AT DOOR ?
   - NUMERIC STICKER "17" AT DOOR ?
   - NUMERIC STICKER "18" AT DOOR ?
   - NUMERIC STICKER "19" AT DOOR ?
   - NUMERIC STICKER "20" AT DOOR ?
8. MINIMUM 50 STC FOR DOOR ASSEMBLY - LAMINATED GLASS.
9. INTEGRAL VENETIAN BLINDS IN DOOR LEAF - REFERENCE SPECIFICATION SECTION 08 80 00.
10. REMOVABLE MULLION.



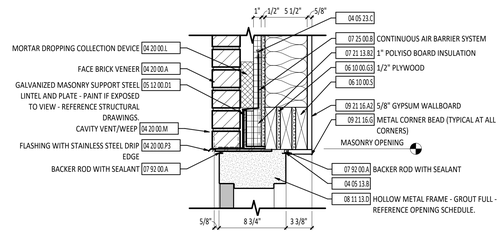

3 A6.1 **HEAD DETAIL - INTERIOR**
1 1/2" = 1'-0"



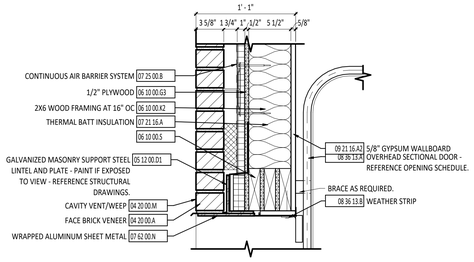

4 A6.1 **JAMB DETAIL - INTERIOR**
1 1/2" = 1'-0"



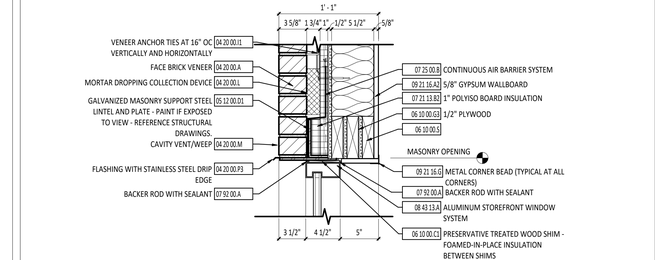

5 A6.1 **DOOR TYPES**
1/4" = 1'-0"



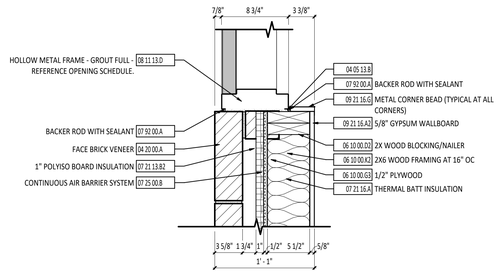

6 A6.1 **HEAD DETAIL - EXTERIOR**
1 1/2" = 1'-0"



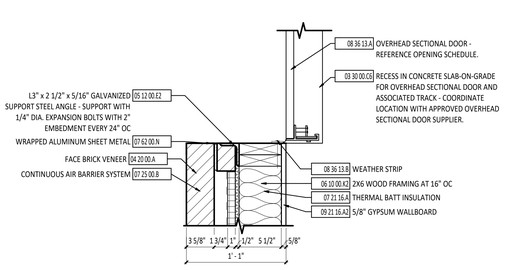

7 A6.1 **HEAD DETAIL - EXTERIOR**
1 1/2" = 1'-0"



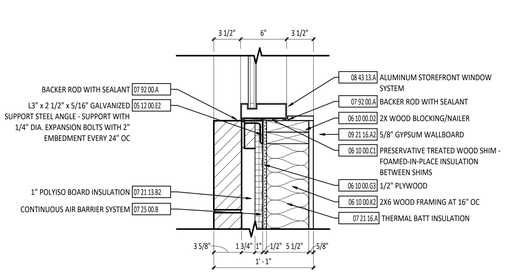

8 A6.1 **HEAD DETAIL - EXTERIOR**
1 1/2" = 1'-0"



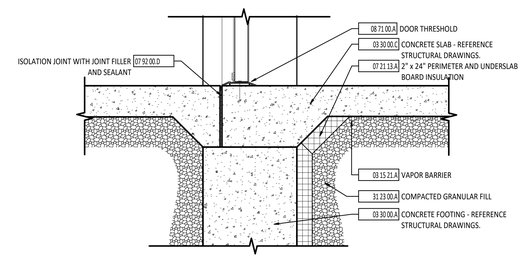

9 A6.1 **JAMB DETAIL - EXTERIOR**
1 1/2" = 1'-0"



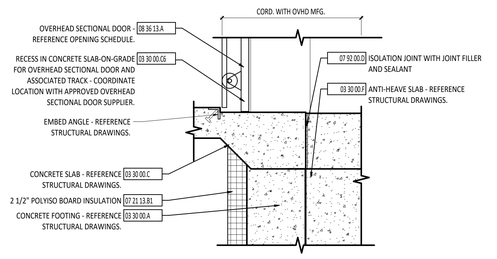

10 A6.1 **JAMB DETAIL - EXTERIOR**
1 1/2" = 1'-0"



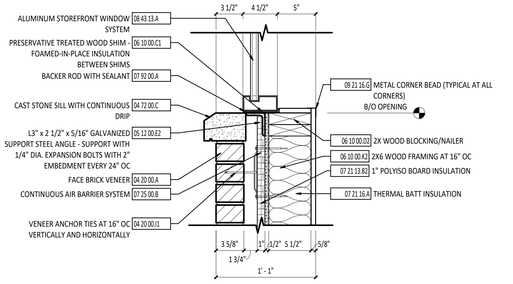

11 A6.1 **JAMB DETAIL - EXTERIOR**
1 1/2" = 1'-0"




12 A6.1 **SILL DETAIL - EXTERIOR**
1 1/2" = 1'-0"




13 A6.1 **SILL DETAIL - EXTERIOR**
1 1/2" = 1'-0"




14 A6.1 **SILL DETAIL - EXTERIOR**
1 1/2" = 1'-0"

STATE OF OHIO
ANDREW P. HUELSMAN
E-78372
REGISTERED
PROFESSIONAL ENGINEER
ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
MUNCIE, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmhgroup.com

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

330 WILLIAM ST - FORT RECOVERY, OH 45846

| ISSUANCES/REVISIONS | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | BER | RJH |

SHEET TITLE:

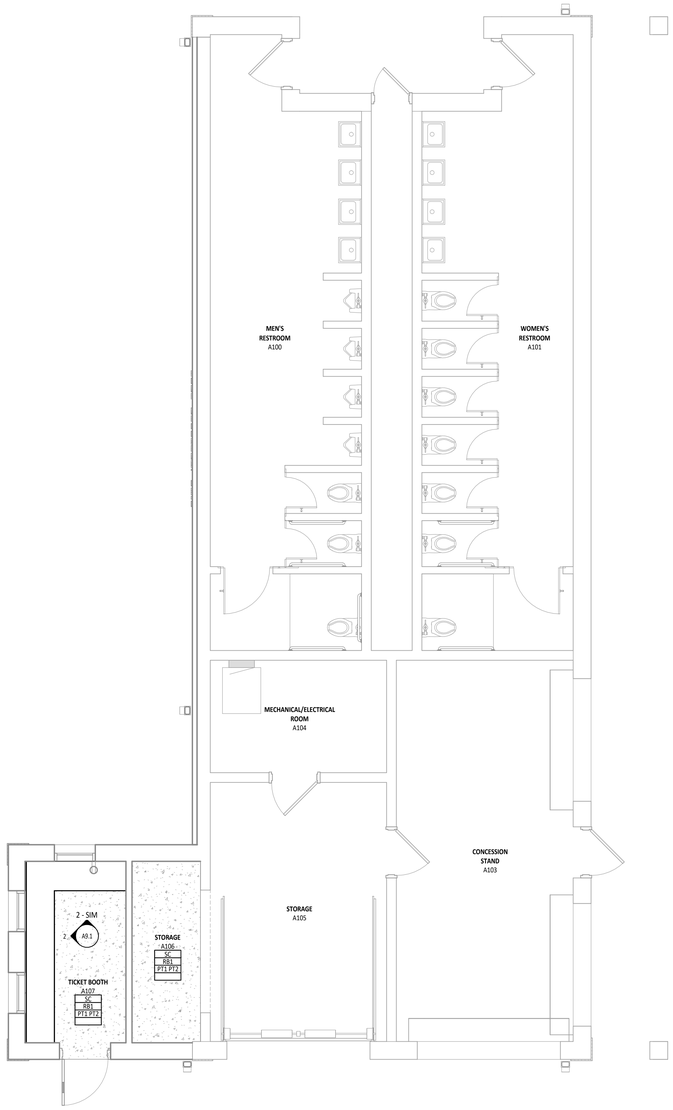
## DOOR SCHEDULE, TYPES AND DETAILS

SHEET NUMBER:

## A6.1

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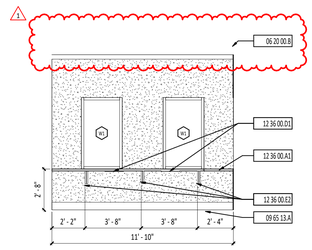
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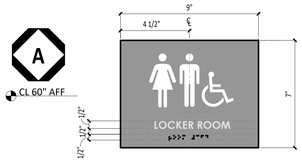

**1 A9.1 TICKET BOOTH ADDITION - FINISH PLAN**
1/4" = 1'-0"

**FINISH MATERIAL SCHEDULE**

| NAME | MANUFACTURER | STYLE | NUMBER | COLOR | SIZE | COMMENTS | EQUAL #1 | EQUAL #2 |
|---|---|---|---|---|---|---|---|---|
| 03 35 00 CONCRETE FINISHING - SEALED CONCRETE | | | | | | | | |
| SC | REFER TO SPECIFICATIONS | REFER TO SPECIFICATIONS | - | - | - | - | REFER TO SPECIFICATIONS | REFER TO SPECIFICATIONS |
| 09 65 13 RESILIENT BASE & ACCESSORIES- RUBBER BASE | | | | | | | | |
| RB1 | ROPPE | BASEWORKS TRADITIONAL RUBBER BASE | 123 | BLACK | 6" COVE TOE | - | TARKET, BLACK | FLEXCO, BASE 2000, BLACK DAHLIA |
| 09 91 23 PAINTING - EPOXY PAINT | | | | | | | | |
| EPT1 | SHERWIN WILLIAMS | REFER TO SPECIFICATIONS | SW 7632 | MODERN GRAY | - | REFER TO SPECIFICATIONS FOR SHEEN | REFER TO SPECIFICATIONS | REFER TO SPECIFICATIONS |
| EPT2 | SHERWIN WILLIAMS | REFER TO SPECIFICATIONS | SW 7007 | CEILING BRIGHT WHITE | - | REFER TO SPECIFICATIONS FOR SHEEN | REFER TO SPECIFICATIONS | REFER TO SPECIFICATIONS |
| 09 91 23 PAINTING - PAINT | | | | | | | | |
| PT1 | SHERWIN WILLIAMS | REFER TO SPECIFICATIONS | SW 7632 | MODERN GRAY | - | REFER TO SPECIFICATIONS FOR SHEEN | REFER TO SPECIFICATIONS | REFER TO SPECIFICATIONS |
| PT2 | SHERWIN WILLIAMS | REFER TO SPECIFICATIONS | SW 7007 | CEILING BRIGHT WHITE | - | REFER TO SPECIFICATIONS FOR SHEEN | REFER TO SPECIFICATIONS | REFER TO SPECIFICATIONS |
| 12 36 00 COUNTERTOPS - PLASTIC LAMINATE | | | | | | | | |
| LT2 | WILSONART | - | 4880 | CARBON MESH | - | MATTE FINISH | - | - |

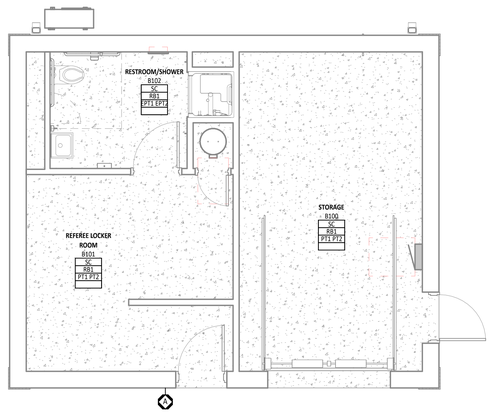



**2 A9.1 TICKET BOOTH 107 WEST**
1/4" = 1'-0"




**TYPE A**
**MENS RESTROOM SIGN**
- 1/2" THICK PURPLE OUTDOOR-GRADE ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR. CENTER JUSTIFIED.
- RAISED GRAPHIC, WHITE. LEFT JUSTIFIED.
- 1/2" TALL RAISED ROOM NAME LETTERING, WHITE IN "ARIAL" FONT, BOLD. CENTER JUSTIFIED.
- AFFIX TO WALL WITH DOUBLE FACE ACRYLIC TAPE.

**3 A9.1 SIGNAGE DETAILS**
3" = 1'-0"




**4 A9.1 REFEREE BUILDING - FINISH PLAN**
1/4" = 1'-0"

**FIRST FLOOR PLAN ROOM INDEX - OVERALL**

| ROOM NUMBER | ROOM NAME | ID | AREA | OCCUPANCY |
|---|---|---|---|---|
| A100 | MEN'S RESTROOM | | 358 SF | |
| A101 | WOMEN'S RESTROOM | | 353 SF | |
| A103 | CONCESSION STAND | | 287 SF | 6 |
| A104 | MECHANICAL/ELECTRICAL ROOM | | 84 SF | |
| A105 | STORAGE | | 194 SF | |
| A106 | STORAGE | | 53 SF | |
| A107 | TICKET BOOTH | | 78 SF | |
| B100 | STORAGE | | 249 SF | |
| B101 | REFEREE LOCKER ROOM | | 170 SF | 3 |
| B102 | RESTROOM/SHOWER | | 77 SF | |
| B103 | CLOSET | | 8 SF | |

**CASEWORK AND EQUIPMENT SYMBOLS LEGEND**

- CS — CASEWORK - CHAIN STOP DESIGNATION
- FE — CASEWORK - FINISH END DESIGNATION
- * — CASEWORK - MODIFIED FROM STANDARD DESIGNATION
- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- SIGNAGE DESIGNATION - REFERENCE SIGNAGE DETAILS.
- LEVEL ELEVATION — LEVEL LINE
- DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - xx xx xx.xx — KEYNOTE DESIGNATION / SPECIFICATION SECTION
- AREA OF DETAIL — SIM — CALLOUT
  - X — DETAIL NUMBER
  - X.X — SHEET NUMBER
- INTERIOR ELEVATION
  - X — DETAIL NUMBER
  - X.X — SHEET NUMBER
- SECTION
  - SIM
  - X — DETAIL NUMBER
  - X.X — SHEET NUMBER

**FLOOR FINISHES GENERAL NOTES**

- C — TRANSITION STRIPS ARE REQUIRED IN ALL INSTANCES WHERE A FLOOR MATERIAL TRANSITION OCCURS. REFER TO TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
- D — FLOOR FINISHES SHALL EXTEND UNDER BUILT-IN COUNTER AND EQUIPMENT.
- E — REFERENCE THE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, AND COLOR SELECTIONS.
- F — REFERENCE INTERIOR ELEVATIONS, WHERE PROVIDED, FOR ADDITIONAL INFORMATION.
- G — ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
- M — EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE

**FINISH SCHEDULE ABBREVIATIONS**

ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

| | | | |
|---|---|---|---|
| ACT | ACOUSTICAL CEILING TILE | MCP | METAL CEILING PANEL |
| ACR | ACOUSTIC CEILING REFLECTOR | MT | METAL TRIM |
| AMF | ARCHITECTURAL METAL FINISH | PC | POLISHED CONCRETE |
| AWP | ACOUSTICAL WALL PANEL | PP | POLYASPARTIC POLYUREA |
| BB | BURNISHED BLOCK BASE | PT | PAINT |
| BG | BUMPER GUARD | QT | QUARRY TILE |
| CC | CUBICLE CURTAIN | QZ | QUARTZ |
| CF | CONCRETE FINISH | RA | RUBBER ATHLETIC FLOOR |
| CG | CORNER GUARD | RB | RESILIENT BASE |
| CH | CABINET HARDWARE | RES | RESINOUS FLOORING |
| CMU | CONCRETE MASONRY UNIT | RF | RUBBER FLOORING |
| CPT | CARPET | RS | ROLLERSHADE |
| CR | CRASH RAIL | RST | RUBBER STAIR TREADS |
| CT | CERAMIC TILE | SC | SEALED CONCRETE |
| DF | DRAPERY FABRIC | SDG | SUSPENDED DECORATIVE GRID |
| DH | DECORATIVE HARDWARE | SS | STAINLESS STEEL |
| DP | DECORATIVE PANEL | SSM | SOLID SURFACE MATERIAL |
| EPF | EPOXY POURED FLOOR | ST | STONE |
| EFG | ENTRANCE FLOOR GRILL | SV | SHEET VINYL |
| EPT | EPOXY PAINT | SWP | SHEET WALL PROTECTION |
| EXP | EXPOSED STRUCTURE | TF | TACKABLE FABRIC |
| FB | FACE BRICK VENEER | TG | TILE GROUT |
| FLT | FLOOR TRANSITION | TZ | EPOXY TERRAZZO |
| FT | FLOOR TILE | UPH | UPHOLSTERY TEXTILE |
| FWS | FABRIC WALL SYSTEM | VB | VENTED RESILIENT BASE |
| GL | GLAZING | VT | VINYL TILE |
| GT | GLASS TILE | VWC | VINYL WALLCOVERING |
| GWB | GYPSUM WALLBOARD | WCP | WOOD CEILING PANEL |
| HC | HARDENED CONCRETE | WCT | WALK OFF CARPET |
| HPC | HIGH PERFORMANCE COATING | WD | WOOD |
| HR | HANDRAIL | WF | WOOD FLOOR |
| L | LINOLEUM | WT | WALL TILE |
| LE | LAMINATE EDGEBANDING | WTP | WOOD TRIM PROFILE |
| LKR | LOCKER | | |
| LP | LAMINATE PANEL | | |
| LT | PLASTIC LAMINATE | | |

| # | KEYNOTE DESCRIPTION |
|---|---|
| 06 20 00.B | 1X FINISHED WOOD TRIM - PAINT. |
| 09 65 13.A | BASE AS SCHEDULED - REFERENCE FINISH MATERIAL SCHEDULE. |
| 12 36 00.A1 | PLASTIC LAMINATE COUNTERTOP |
| 12 36 00.D1 | 21"W x 1"H x 1"D WALL ANGLE |
| 12 36 00.E2 | 2"W x 16"Hx 21"D COUNTER SUPPORT |

**INTERIOR ELEVATION GENERAL NOTES**

- B — REFERENCE FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
- C — ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
- A — REFERENCE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, COLOR SELECTIONS.

**FINISH TAG LEGEND**

A1XX — ROOM NUMBER

| | |
|---|---|
| FLOOR FINISH | RF1 |
| BASE FINISH | RB1 |
| WALL FINISH | PT1 |
| FINISH REMARK* | 2 |

*REMARKS NUMBERS COORDINATE WITH "INTERIOR FINISH REMARKS" NOTES LEGEND ABOVE

MATERIALS NOTED IN FINISH TAG SHOULD BE CONSIDERED THE OVERALL FINISHES IN THE ROOM MARKED UNLESS NOTED OTHERWISE WITH KEYNOTES ON FINISH PLAN OR INTERIOR ELEVATIONS.

STATE OF OHIO
ANDREW P. HUELSMAN
E-78372
REGISTERED
PROFESSIONAL ENGINEER
ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmmgm.com

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

320 WILLIAM ST - FORT RECOVERY, OH 45846

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | BER | RJH |

SHEET TITLE:
**FINISH PLAN AND SCHEDULE, CASEWORK ELEVATIONS AND DETAILS**

SHEET NUMBER:
**A9.1**

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## GENERAL STRUCTURAL NOTES

### GENERAL

1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE CONSTRUCTION IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE CONSTRUCTION PROCEDURE AND SEQUENCE AND TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, SHEETING, TEMPORARY BRACING, GUYS, OR TIEDOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL IS TO REMAIN THE CONTRACTOR'S PROPERTY AFTER COMPLETION OF THE PROJECT.
2. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
3. MECHANICAL EQUIPMENT LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO MECHANICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR IS TO OBTAIN APPROVAL OF MECHANICAL AND OTHER TRADES BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK. EXCESS COST RELATED TO VARIATION IN MECHANICAL REQUIREMENTS TO BE BORNE BY MECHANICAL CONTRACTOR.
4. DO NOT SCALE THE DRAWINGS WHERE DIMENSIONS ARE NOT SPECIFICALLY GIVEN. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND ELEVATIONS NOT SHOWN. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE NOT INTENDED TO AUGMENT, NOR SUPERSEDE THOSE SHOWN ON THE ARCHITECTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE ARCHITECT IMMEDIATELY WHERE CONFLICTS EXIST WITHIN THE DRAWINGS OR BETWEEN THE DRAWINGS AND FIELD CONDITIONS.
6. THROUGHOUT THESE PLANS, THE TERM "PROVIDE" IS DEFINED AS "SUPPLY AND INSTALL".
7. SHOP DRAWINGS ARE TO BE SUBMITTED BY COMPLETE ERECTION PHASE OR SEQUENCE. LIMITS OF EACH INDIVIDUAL ERECTION PHASE OR SEQUENCE ARE TO BE CLEARLY INDICATED ON THE PLANS. INCOMPLETE OR PIECEMEAL SHOP DRAWINGS WILL BE RETURNED PRIOR TO REVIEW. RESUBMITTALS ARE TO HAVE REVISIONS CLEARLY MARKED OR IDENTIFIED. THE CONTRACTOR SHALL REVIEW AND ACCEPT FULL RESPONSIBILITY FOR DIMENSIONAL CORRECTNESS. ALL SHOP DRAWINGS MUST BEAR THE APPROVAL STAMP OF THE CONTRACTOR PRIOR TO REVIEW BY THE ARCHITECT OR ENGINEER.
8. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THE GENERAL STRUCTURAL NOTES, THE SPECIFICATIONS OR WITH EACH OTHER, THE STRICTEST PROVISION WILL GOVERN.
9. CODE INFORMATION

| | | |
|---|---|---|
| - GOVERNING CODE: | 2024 OHIO BUILDING CODE | |
| - BUILDING RISK CATEGORY: | CATEGORY II | |
| FLOOR LIVE LOADS (WITH ALLOWABLE REDUCTIONS WHERE APPLICABLE): | | |
| - FIRST FLOOR OCCUPANCIES | 100 PSF | |
| ROOF LIVE LOADS: | | |
| - ORDINARY ROOFS | 20 PSF | |
| ROOF RAIN LOADS | PRIMARY | SECONDARY |
| - RAIN INTENSITY (i) | 2.8 IN/HR | 5.8 IN/HR |
| SNOW LOADS: | | |
| - GROUND SNOW LOAD (Pg) | 20 PSF | |
| - FLAT ROOF SNOW LOAD (Pf) | 20 PSF | |
| - SNOW EXPOSURE FACTOR (Ce) | 1.0 | |
| - SNOW LOAD IMPORTANCE FACTOR (Is) | 1.0 | |
| - THERMAL FACTOR (Ct) | 1.2 | |
| WIND LOADS: | | |
| - BASIC WIND SPEED (V) | 107 MPH | |
| - BASIC ALLOWABLE WIND SPEED (V asd) | 83 MPH | |
| - SITE EXPOSURE CATEGORY | C | |
| - INTERNAL PRESSURE COEFFICIENT | +/- 0.18 | |
| SEISMIC LOADS: | | |
| - SEISMIC IMPORTANCE FACTOR (Ie) | 1.0 | |
| - MAPPED SPECTRAL RESPONSE ACCELERATION (Ss) | 0.166 | |
| - MAPPED SPECTRAL RESPONSE ACCELERATION (S1) | 0.071 | |
| - SEISMIC SITE CLASS | D | |
| - DESIGN SPECTRAL RESPONSE ACCELERATION (Sds) | 0.177 | |
| - DESIGN SPECTRAL RESPONSE ACCELERATION (Sd1) | 0.114 | |
| - SEISMIC DESIGN CATEGORY | B | |
| - RESPONSE MODIFICATION COEFFICIENT (R) | 6.5 | |
| - SEISMIC RESPONSE COEFFICIENT (Cs) | 0.027 | |
| - SEISMIC DESIGN BASE SHEAR (V) | 0.5 K | |
| - ANALYSIS PROCEDURE | EQUIVALENT LATERAL FORCE | |
| - BASIC SEISMIC FORCE-RESISTING SYSTEM: | WOOD-SHEATHED SHEAR WALLS | |
| SPECIAL LOADS | | |
| - INTERIOR WALLS & PARTITIONS | 5 PSF HORIZONTAL (ALLOWABLE) | |
| GEOTECHNICAL: | | |
| - PRESUMPTIVE DESIGN BEARING PRESSURE: | 1,500 PSF | |
| - FOUNDATION TYPE: | SHALLOW SPREAD FOOTINGS | |

### DELEGATED DESIGN ITEMS

1. PREFABRICATED ITEMS SHOWN ON THE STRUCTURAL DRAWINGS ARE REFERENCED FOR GENERAL COORDINATION PURPOSES ONLY. THESE SYSTEMS SHALL BE DESIGNED, FURNISHED, AND INSTALLED AS REQUIRED BY OTHER PORTIONS OF THE CONTRACT DOCUMENTS. JEZERINAC GEERS WILL REVIEW THE DESIGN METHODOLOGY, LOADS, AND INSTALLATION DETAILS AS PART OF THE SHOP DRAWING REVIEW PROCESS AND MAY REQUEST A SEALED CALCULATION PACKAGE FOR REVIEW. SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY THE ENGINEER RESPONSIBLE FOR THE DESIGN OF THE DESIGNED ITEMS. DELEGATED DESIGN ITEMS FOR THIS PROJECT INCLUDE THE FOLLOWING:
   A. DIVISION 6:
      1. PRE-ENGINEERED WOOD TRUSSES

### REINFORCED CONCRETE

1. SPECIFICATIONS: IN GENERAL, COMPLY WITH ACI-301-20, "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
2. MATERIALS:
   A. STRUCTURAL CONCRETE:

| MIX USAGE | f'c (PSI) | MAX w/cm | EXPOSURE CLASS | AIR CONTENT |
|---|---|---|---|---|
| LEAN CONCRETE | 1,500 | --- | F0 | --- |
| FOOTINGS | 3,500 | 0.55 | F1 | --- |
| INTERIOR SLABS ON GRADE | 3,500 | 0.50 | F0 | --- |
| PERIMETER FOUNDATION STEMWALLS, EXTERIOR FOUNDATION WALLS, & EXTERIOR COLUMN PIERS | 4,500 | 0.45 | F2 | 5%-7% |
| EXTERIOR UNREINFORCED SLABS ON GRADE & EXTERIOR CONCRETE NOT OTHERWISE IDENTIFIED | 4,500 | 0.45 | F2, C1 | 5%-7% |

   B. ALL DEFORMED REINFORCING BARS: FY = 60,000 PSI.
   C. CEMENT: PORTLAND CEMENT, ASTM C150: TYPE I OR TYPE II; ASTM C1157: TYPE LH OR GU; OR ASTM C595: TYPE IL. ALL CEMENT FOR CONCRETE EXPOSED TO VIEW IS TO BE FROM THE SAME MILL.
   D. AGGREGATES: ASTM C33, USE SIZE NO. 57 FOR ALL MIXES UNLESS NOTED OTHERWISE.
   E. ADMIXTURES:
      1. WATER-REDUCING, LOW AND MID RANGE: ASTM C494, TYPE A OR D.
      2. HIGH-RANGE WATER REDUCING, SUPERPLASTICIZER: ASTM C494, TYPE F OR G.
   F. AIR-ENTRAINING: ASTM C260.
   G. FLY-ASH: ASTM C618, TYPE C OR F.
   H. NON-CHLORIDE, NON-CORROSIVE ACCELERATOR: ASTM C494, TYPE C OR E.
   I. VAPOR RETARDER SHALL CONFORM TO ASTM E1745 "STANDARD SPECIFICATION FOR PLASTIC WATER VAPOR RETARDERS USED IN CONTACT WITH SOIL OR GRANULAR FILL UNDER CONCRETE SLABS", CLASS A.
   J. VAPOR RETARDER SHALL BE INSTALLED IN ACCORDANCE WITH ASTM E1643 "STANDARD PRACTICE FOR INSTALLATION OF WATER VAPOR RETARDERS USED IN CONTACT WITH EARTH OR GRANULAR FILL UNDER CONCRETE SLABS. THE VAPOR RETARDER/BARRIER SHALL BE A MINIMUM OF 10 MILS THICK AND PLACED DIRECTLY ON THE GRANULAR FILL, BELOW THE CONCRETE FLOOR SLAB. LAP JOINTS A MINIMUM OF 6 INCHES AND SEAL WITH MANUFACTURER'S RECOMMENDED TAPE OR ADHESIVE.
3. FIELD MANUAL: PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, MNL-15(20) IN THE FIELD OFFICE AT ALL TIMES.
4. SUBMITTALS:
   A. SUBMIT A MIX DESIGN FOR EACH MIXTURE USAGE REQUIRED FOR THE PROJECT. CONCRETE PROPORTIONS ARE TO BE ESTABLISHED ON THE BASIS OF PREVIOUS FIELD EXPERIENCE OR TRIAL MIXTURES.
   B. SUBMIT PLACING DRAWINGS FOR ALL REINFORCING. INDICATE STRENGTH, SIZE, AND DETAILS OF ALL BAR REINFORCING.
   C. SUBMIT PRODUCT LITERATURE FOR ADMIXTURES AND CURING COMPOUNDS PROPOSED FOR USE.
   D. SUBMIT REPORTS OF ALL REQUIRED TESTING AND INSPECTIONS.
5. CONTINGENCIES:
   A. PROVIDE LEAN CONCRETE UNDER FOUNDATIONS FOR ACCIDENTAL OVER EXCAVATION, SOFT SPOTS, AND UTILITY TRENCHES.
6. FOOTINGS, PIERS, WALLS:
   A. DOWELS IN FOOTINGS TO MATCH VERTICAL WALL REINFORCING.
   B. PROVIDE CORNER BARS AT WALL AND FOOTING CORNERS TO MATCH HORIZONTAL REINFORCING.
   C. LAP BARS AS INDICATED IN THE CONCRETE REINFORCING LAP SCHEDULE.
7. SPLICES:
   A. LAP SPLICE REINFORCING BARS AS SCHEDULED. MINIMUM LAP = 36 DIAMETERS.
8. CONSTRUCTION JOINTS:
   A. CONSTRUCTION JOINTS PERMITTED ONLY WHERE SHOWN OR AS APPROVED BY THE STRUCTURAL ENGINEER.
9. FINISHES:
   A. PER ACI 117, SURFACES OF INTERIOR SLABS ON GRADE ARE TO BE FINISHED TO THE FOLLOWING TOLERANCES: FLOOR FLATNESS F(f)=30 AND LEVELNESS F(l)=20 UNLESS NOTED OTHERWISE IN SPECIFICATIONS.
   B. TYPICAL INTERIOR FLOOR AREAS TO RECEIVE CARPET, RESILIENT FLOOR COVERING, OR TO REMAIN EXPOSED - TROWELED FINISH.
   C. INTERIOR FLOOR AREAS TO RECEIVE QUARRY TILE OR CERAMIC TILE - FLOATED FINISH.
   D. EXTERIOR SLABS - BROOM FINISH.
10. CURING:
   A. CURING IS TO COMMENCE IMMEDIATELY AFTER CONCRETE PLACEMENT AND CONTINUE FOR AT LEAST 7 DAYS. DO NOT ALLOW CURING TO BE DELAYED OVERNIGHT.
   B. INTERIOR SLABS TO RECEIVE QUARRY TILE OR CERAMIC TILE ARE TO BE MOIST-CURED WITHOUT THE USE OF A CURING COMPOUND.
   C. ALL OTHER SLABS MAY BE EITHER MOIST-CURED OR RECEIVE AN APPLICATION OF CURING COMPOUND.
11. FIELD QUALITY CONTROL:
   A. OBTAIN CONCRETE FOR REQUIRED TESTS AT POINT OF PLACEMENT. IF CONCRETE IS PUMPED, OBTAIN CONCRETE AT DISCHARGE END.
   B. FOR EACH CLASS OF CONCRETE, OTHER THAN LEAN CONCRETE, PERFORM ONE STRENGTH TEST FOR EACH 50 YARDS, OR FRACTION THEREOF, FOR ONE DAY PLACEMENT.
   C. DETERMINE SLUMP FOR EACH STRENGTH TEST.
   D. DETERMINE AIR CONTENT FOR EACH STRENGTH TEST OF EXTERIOR EXPOSED CONCRETE.
   E. MAINTAIN RECORDS OF ALL TESTS INDICATING EXACT LOCATION OF THE STRUCTURE REPRESENTED BY EACH TEST.

### STRUCTURAL LUMBER

1. MATERIALS:
   A. STRUCTURAL LUMBER: ALL DESIGN VALUES PER 2018 NFPA NATIONAL DESIGN SPECIFICATION. ANY SUBSTITUTIONS ARE TO MEET MINIMUM DESIGN VALUES OF ABOVE MEMBERS. UNLESS NOTED OTHERWISE FRAMING MATERIALS SHALL BE:
      1) BEAMS, HEADERS, JOISTS, AND RAFTERS - SPRUCE-PINE-FIR NO.1/NO.2 AS GRADED BY NLGA
      2) WALL STUDS 2x4 OR 2x6 - SPRUCE-PINE-FIR NO.1/NO.2 AS GRADED BY NLGA
      3) MICRO=LAM (M=L) OR LAMINATED VENEER LUMBER (LVL): Fb = 2,600 PSI, Fv = 285 PSI, Fc (PERP.) = 750 PSI, E = 1,900 KSI.
      4) DECKING AND SHEATHING (OSB OR PLYWOOD) PER DOC PS-1 AND PS-2:
         ROOFS: 19/32 (5/8" NOMINAL) APA RATED SHEATHING, 40/20, EXPOSURE 1
         WALL SHEATHING: 7/16" APA RATED SHEATHING, WALL-24, EXPOSURE 1
   B. ALL LUMBER IN CONTACT WITH CONCRETE, MASONRY, GROUND/SOIL, OR USED IN CONDITIONS WITH MOISTURE PRESENT, IS TO BE PRESSURE-TREATED TO RESIST DECAY PER AWPA U1 AND M4. PRESERVATIVES USED FOR PRESSURE TREATMENT ARE TO BE ALKALINE COPPER QUAT, ACQ-C OR ACQ-D. OTHER PRESERVATIVES PROPOSED FOR USE ARE TO BE SUBMITTED FOR REVIEW PRIOR TO ERECTION OR INSTALLATION ON THE PROJECT.
2. SPECIFICATIONS:
   A. UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION ARE TO BE GOVERNED BY THE LATEST REVISIONS OF:
      1. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
      2. U.S. PRODUCT STANDARD PS-1 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD.
      3. APA PS 2-18, PERFORMANCE STANDARD FOR WOOD STRUCTURAL PANELS.
      4. APA DESIGN/CONSTRUCTION GUIDE - RESIDENTIAL AND COMMERCIAL.
3. CONNECTIONS:
   A. CONNECTIONS FOR WOOD MEMBERS SHALL BE MINIMALLY FASTENED AS PRESCRIBED IN TABLE 2304.10.2 OF THE REFERENCED BUILDING CODE UNLESS DETAILED OTHERWISE. ALL NAILS ARE TO BE COMMON WIRE NAILS, UNLESS SPECIFICALLY NOTED OTHERWISE.
   B. FOUNDATION PLATES ON CONCRETE OR MASONRY WALLS SHALL BE PRESSURE TREATED LUMBER, SOUTHERN PINE #2 GRADE MINIMUM. SILLS SHALL BE ANCHORED TO CONCRETE OR MASONRY WITH ½" DIAMETER x 12" LONG ANCHOR RODS SPACED AT 48" O.C. MAXIMUM, UNLESS NOTED OTHERWISE. THERE SHALL BE A MINIMUM OF 3 BOLTS PER SILL PIECE WITH ONE BOLT LOCATED WITHIN 12" OF EACH END OF EACH PIECE. DO NOT PROVIDE A SILL PLATE SPLICE UNDER ANY POST OR STUD. SEE SHEARWALL SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
   C. JOISTS TO BEAMS OR JOISTS TO TRUSSES - 16 GA. STD. JOIST HANGERS, UNLESS SHOWN OTHERWISE. BEAMS TO BEAMS - 16 GA. BEAM HANGERS, UNLESS SHOWN OTHERWISE.
   D. ALL HANGERS, STRAPS, CAPS, BASES, HOLDOWNS, TIES OR OTHER CONNECTORS IN CONTACT WITH PRESSURE-TREATED LUMBER ARE TO BE BATCH/POST HOT DIPPED GALVANIZED PER ASTM A123 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316.
   E. ALL FASTENERS INCLUDING NAILS, ANCHOR RODS, POWDER ACTUATED FASTENERS, SCREWS, BOLTS, AND THREADED RODS, IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED PER ASTM A153 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316. FASTENERS AND CONNECTORS ARE TO BE OF THE SAME MATERIAL, STAINLESS STEEL OR HOT DIPPED GALVANIZED, DO NOT MIX MATERIALS.
   F. ALL MECHANICAL ANCHORS INCLUDING WEDGE ANCHORS AND SLEEVE ANCHORS IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316.
   G. SHEATHING TO FRAMING:
      1. ROOFS - USE 10d NAILS AT 6" ON CENTER AT PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS (UNO).
      2. STUD WALLS - USE 8d COMMON OR GALVANIZED BOX NAILS AT 6" ON CENTER AT PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS (UNO).
      3. GYPSUM-SHEATHED WALLS - USE 6d COOLER OR No. 6 x 1-1/4" TYPE S OR W SCREWS AT 7" ON CENTER AT PANEL EDGES AND 7" ON CENTER AT INTERMEDIATE SUPPORTS (UNO).
   H. TRUSS TO WALL OR RAFTERS TO WALL - STANDARD HOLDOWN ANCHORS AT EACH BEARING POINT. ADDITIONAL ANCHORS MAY BE REQUIRED BASED UPON FINAL LAYOUT AND DESIGN BY THE TRUSS MANUFACTURER DURING THE SHOP DRAWING PROCESS.
4. SUBMITTALS:
   A. SUBMIT LUMBER GRADING AND AGENCY FOR ALL SOLID SAWN BEAMS, JOISTS, AND STUD MATERIAL.
   B. SUBMIT STRUCTURAL COMPOSITE LUMBER MANUFACTURER'S DATA FOR ALL LVL, PSL, LSL, i-JOIST, RIM BOARD, OR OTHER COMPOSITE LUMBER MATERIAL.
   C. SUBMIT MANUFACTURER'S DATA FOR ALL STRUCTURAL SHEATHING PRODUTS.
   D. SUBMIT MANUFACTERER'S DATA FOR ALL STRUCTURAL HARDWARE INCLUDING PROPRIETARY SCREWS, JOIST AND BEAM CONNECTORS, HURRICANE TIES, AND SHEARWALL HOLDOWNS.
5. MISCELLANEOUS:
   A. PROVIDE ONE LINE OF SOLID BLOCKING OR CROSS BRIDGING AT 8'-0" O/C MAX. FOR ALL FLOOR JOISTS. USE SOLID BLOCKING AT ALL JOIST AND RAFTER BEARINGS.
   B. PROVIDE SOLID BLOCKING AT MID-HEIGHT OF WALLS FOR EACH OF THE FOLLOWING CONDITIONS: EXTERIOR STUD WALLS, INTERIOR BEARING PARTITIONS, AND ALL WALL FRAMING WHICH IS NOT SHEATHED ON EACH SIDE WITH GYPSUM OR WOOD SHEATHING.
   C. USE SINGLE JACK STUDS UNDER BEAM AND HEADER BEARINGS FOR ROUGH OPENINGS UP AND INCLUDING 4'-0", AND DOUBLE JACK STUDS UNDER BEAM AND HEADER BEARINGS FOR SPANS GREATER THAN 4'-0", UNLESS SHOWN OTHERWISE.
   D. EACH MEMBER OF MULTIPLE MEMBER BEAMS AND COLUMNS ARE TO BE NAILED TOGETHER WITH 2 ROWS OF 10d NAILS AT 6" ON CENTER, STAGGERED, THE FULL LENGTH OF THE MEMBER. FOR MULTIPLE MEMBER LVL OR LSL PRODUCTS, FOLLOW MINIMUM FASTENING REQUIREMENTS OF THE MANUFACTURER.

### ENGINEERED WOOD TRUSSES

1. MATERIALS:
   A. LUMBER: AS REQUIRED BY THE TRUSS MANUFACTURE, KD 19 PERCENT MAXIMUM MOISTURE CONTENT (15 PERCENT MAXIMUM MOISTURE CONTENT FOR SOUTHERN PINE MEMBERS).
   B. CONNECTIONS: ALL INTERNAL TRUSS CONNECTIONS ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER. CONNECTORS ARE TO BE DEFORMED PLATE TYPE, OF MINIMUM 20 GAUGE GALVANIZED STEEL SHEET. ALL JOINTS ARE TO BE DESIGNED USING METHODS AS SET FORTH IN TPI STANDARDS.
   C. ALL HANGERS, STRAPS, CAPS, BASES, HOLDOWNS, TIES OR OTHER CONNECTORS IN CONTACT WITH PRESSURE-TREATED LUMBER ARE TO BE BATCH/POST HOT DIPPED GALVANIZED PER ASTM A123 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316.
   D. ALL FASTENERS INCLUDING NAILS, ANCHOR RODS, POWDER ACTUATED FASTENERS, SCREWS, BOLTS, AND THREADED RODS, IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED PER ASTM A153 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316. FASTENERS AND CONNECTORS ARE TO BE OF THE SAME MATERIAL, STAINLESS STEEL OR HOT DIPPED GALVANIZED, DO NOT MIX MATERIALS.
   E. SPECIFICATIONS AND REFERENCE STANDARDS: UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION, ERECTION, HANDLING AND BRACING REQUIREMENTS ARE TO BE GOVERNED BY THE LATEST REVISIONS OF:
      1. NATIONAL DESIGN SPECIFICATIONS FOR STRESS-GRADE LUMBER AND ITS FASTENINGS.
      2. TIMBER CONSTRUCTION STANDARDS.
      3. DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES.
      4. TRUSS PLATE INSTITUTE PUBLICATION-BTW BRACING WOOD TRUSSES: COMMENTARY AND RECOMMENDATIONS EXCEPT AS NOTED BELOW.
2. DESIGN:
   A. ALL TRUSSES ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER FOR THE FOLLOWING LOADS:
      ROOFS:

| | |
|---|---|
| - TOP CHORD DEAD LOAD: | 15 PSF |
| - TOP CHORD LIVE LOAD: | 20 PSF |
| - BOTTOM CHORD DEAD LOAD: | 10 PSF |
| - BOTTOM CHORD LIVE LOAD: | 0 PSF |
| LIVE LOAD DEFLECTION LIMIT: | L/300 |
| TOTAL LOAD DEFLECTION LIMIT: | L/240 |

      SNOW LOADS:
      IN ACCORDANCE WITH ASCE 7-16 USING THE CRITERIA DEFINED IN THE "DESIGN LOADS" SECTION OF THE GENERAL STRUCTURAL NOTES. SNOW LOADS ARE TO INCLUDE THE EFFECTS OF "UNBALANCED SNOW LOADS FOR HIP AND GABLE ROOFS".

      WIND LOADS:
      IN ACCORDANCE WITH ASCE 7-16 USING THE CRITERIA DEFINED IN THE "DESIGN LOADS" SECTION OF THE GENERAL STRUCTURAL NOTES. TRUSSES ARE TO BE DESIGNED FOR "COMPONENTS AND CLADDING" WIND LOADS UNLESS NOTED OTHERWISE.

      SPECIAL LOADS:
      SEE PLANS AND ELEVATIONS FOR ADDITIONAL LOADS TO BE CONSIDERED IN THE TRUSS DESIGN.
   B. WHERE TRUSSES ARE REQUIRED TO FRAME INTO OTHER TRUSSES, DESIGN OF THE CONNECTIONS ARE TO BE THE RESPONSIBILITY OF THE TRUSS SUPPLIER. THE TRUSS SUPPLIER IS TO MAKE NECESSARY PROVISIONS IN THE SUPPORTING TRUSS TO ACCEPT THE TYPE OF HANGER REQUIRED.
   C. THE DESIGN OF ALL WEB MEMBER PERMANENT BRACING REQUIRED FOR THE STRUCTURAL ADEQUACY OF THE TRUSSES, IS TO BE THE SOLE RESPONSIBILITY OF THE TRUSS SUPPLIER.
   D. ADDITIONAL PERMANENT BRACE SIZES AND CONNECTIONS, NOT PROVIDED BY THE SHEATHING SHOWN ON THE CONSTRUCTION DRAWINGS, ARE TO BE THE SOLE RESPONSIBILITY OF THE TRUSS SUPPLIER. THIS BRACING CAN INCLUDE, BUT IS NOT LIMITED TO, TOP CHORD BRACING FOR TRUSSES WITH PIGGY-BACKS, AND INTERMEDIATE BRACES FOR GABLE TRUSS WEB MEMBERS.
3. SUBMITTALS:
   A. TRUSS DESIGNS ARE TO BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION. TRUSS SUBMITTAL IS TO INCLUDE THE FOLLOWING INFORMATION:
      1. DESIGN INFORMATION FOR EACH TYPE OF TRUSS SUPPLIED.
      2. LAYOUT DRAWING INDICATING LOCATION OF EACH SPECIFIC TRUSS TYPE AND ANY PERMANENT HORIZONTAL BRACING MEMBERS.
      3. PERMANENT MEMBER BRACE LOCATIONS, BRACE SIZES, AND CONNECTIONS.
      4. TRUSS HANGER TYPE AND LOCATION, FOR ALL TRUSSES FRAMING INTO TRUSSES.
      5. TRUSS DESIGNS AND LAYOUT DRAWING STAMPED BY A REGISTERED PROFESSIONAL ENGINEER, IN THE STATE OF PROJECT LOCATION.
   B. SUBMITTALS WHICH DO NOT INCLUDE THE ABOVE LISTED INFORMATION WILL BE RETURNED TO THE CONTRACTOR PRIOR TO REVIEW.
   C. FINAL APPROVED SUBMITTALS SHALL BE SUBMITTED TO THE GOVERNING BUILDING DEPARTMENT FOR RECORD.
4. MISCELLANEOUS:
   A. ALL GIRDER TRUSSES ARE TO BE 2-PLY MINIMUM.
   B. UNLESS SPECIFICALLY NOTED OTHERWISE ON THE APPROVED TRUSS SHOP DRAWINGS, ALL MEMBERS OF MULTIPLE TRUSSES ARE TO BE NAILED TOGETHER WITH 10d COMMON NAILS AT 8" O.C., FOR DOUBLE TRUSSES, OR WITH 16d COMMON NAILS AT 8" O.C. FROM EACH SIDE, FOR TRIPLE TRUSSES.

### POST-INSTALLED ANCHOR SYSTEMS

1. GENERAL:
   A. LISTED ANCHOR PRODUCTS PROVIDED BELOW ARE NOT TO BE USED AS INTERCHANGEABLE PRODUCTS. EACH ANCHOR HAS DEFINED CAPACITIES BASED UPON TESTED PERFORMANCE WITH APPLICABLE SAFETY FACTORS AND WILL VARY ACROSS MANUFACTURERS. TYPES OF ANCHORS INDICATED THROUGHOUT THE DESIGN DOCUMENTS ARE DETAILED FOR THEIR SPECIFIC PURPOSE AND CAPACITY. SUBSTITUTION OF ANCHORS FROM THOSE SPECIFIED ARE ONLY ALLOWED AFTER ENGINEER REVIEW AND APPROVAL OR AMENDMENT FROM WRITTEN REQUEST BY THE CONTRACTOR.
   B. PROVIDE ANCHORAGE MATCHING MANUFACTURER, TYPE, DIAMETER, EMBEDMENT, AND BASE MATERIAL AS INDICATED IN THE DOCUMENTS.
   C. ALL POST-INSTALLED ANCHORS TO BE HAMMER DRILLED. FOLLOW ALL HOLE CLEANING AND INSTALLATION INSTRUCTIONS AS STIPULATED BY THE ANCHOR MANUFACTURER. FOLLOW ALL OSHA GUIDELINES FOR CONCRETE DRILLING AS IT PERTAINS TO SILICA DUST.
   D. INSTALLATION OF ADHESIVE ANCHORS MUST BE PERFORMED BY PERSONNEL TRAINED TO INSTALL ADHESIVE ANCHORS THROUGH MANUFACTURER TRAINING PROGRAMS.
   E. INSTALLATION OF ADHESIVE ANCHORS IN THE HORIZONTAL OR UPWARDLY INCLINED ORIENTATION AND WHERE SUPPORTING SUSTAINED TENSION LOADS SHALL BE INSTALLED BY CERTIFIED PERSONNEL BY ACI/CRSI INSTALLATION PROGRAMS.
   F. MINIMUM CONCRETE AGE FOR POST-INSTALLED ADHESIVE ANCHORS SHALL BE NOT LESS THAN 28 DAYS.
   G. ALL ANCHORS IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED PER ASTM A153 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316. FASTENERS AND CONNECTORS ARE TO BE OF THE SAME MATERIAL, STAINLESS STEEL OR HOT DIPPED GALVANIZED, DO NOT MIX MATERIALS.
   H. MINIMUM EMBEDMENT FOR MECHANICAL EXPANSION ANCHORAGE SYSTEMS IS TO BE 7 BOLT DIAMETERS. MINIMUM EMBEDMENT FOR SCREW ANCHORAGE AND ADHESIVE ANCHORAGE SYSTEMS IS TO BE 9 BOLT DIAMETERS.
2. ANCHORAGE TO CONCRETE
   A. ACCEPTABLE MECHANICAL EXPANSION ANCHORAGE SYSTEMS:
      1. DEWALT POWER STUD +SDI OR +SD2 WEDGE EXPANSION ANCHOR
      2. HILTI KWIK BOLT 3 EXPANSION ANCHOR
      3. HILTI KWIK BOLT TZ2 EXPANSION ANCHOR
      4. SIMPSON STRONG-BOLT 2 WEDGE EXPANSION ANCHOR
   B. ACCEPTABLE MECHANICAL SLEEVE ANCHORAGE SYSTEMS: (MAY NOT BE USED TO SECURE MAIN BUILDING FRAME COMPONENTS)
      1. DEWALT LOK-BOLT AS SLEEVE ANCHOR
      2. HILTI HLC SLEEVE ANCHOR
      3. SIMPSON SLEEVE-ALL SLEEVE ANCHOR
   C. ACCEPTABLE MECHANICAL SCREW ANCHORAGE SYSTEMS:
      1. DEWALT SCREW-BOLT+
      2. HILTI KWIK HUS-EZ SCREW ANCHOR
      3. SIMPSON TITEN HD SCREW ANCHOR
   D. ACCEPTABLE ADHESIVE ANCHORAGE SYSTEMS:
      1. DEWALT AC200+ ADHESIVE FOR REINFORCING BAR
      2. DEWALT PURE50+ ADHESIVE FOR THREADED ROD AND REINFORCING BAR
      3. DEWALT PURE110+ ADHESIVE FOR THREADED ROD AND REINFORCING BAR
      4. DEWALT PURE220+ ADHESIVE FOR THREADED ROD AND REINFORCING BAR
      5. HILTI HIT-HY 200v3 ADHESIVE FOR THREADED ROD, REINFORCING BAR, AND HILTI SPECIFIC ROD AND INSERT SYSTEMS.
      6. HILTI HIT-RE 500 ADHESIVE FOR THREADED ROD AND REINFORCING BAR.
      7. HILTI HIT-RE 100 ADHESIVE FOR THREADED ROD AND REINFORCING BAR.
      8. SIMPSON AT-XP ADHESIVE FOR THREADED ROD AND REINFORCING BAR.
      9. SIMPSON SET-3G ADHESIVE FOR THREADED ROD AND REINFORCING BAR.
3. ANCHORAGE TO CONCRETE MASONRY OR BRICK MASONRY AS INDICATED:
   A. FOLLOW ALL MANUFACTURERS INSTALLATION INSTRUCTIONS IN REGARD TO LOCATION OF ANCHORS AWAY FROM HEAD JOINTS, MINIMUM EDGE DISTANCES, AND MINIMUM ANCHOR SPACING.
   B. ACCEPTABLE MECHANICAL EXPANSION ANCHORAGE SYSTEMS:
      1. DEWALT POWER STUD +SDI, SD4/SD6 WEDGE EXPANSION ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY
      2. HILTI KWIK BOLT TZ2 EXPANSION ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY
      3. SIMPSON STRONG-BOLT 2 WEDGE EXPANSION ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY
   C. ACCEPTABLE MECHANICAL SLEEVE ANCHORAGE SYSTEMS: (MAY NOT BE USED TO SECURE MAIN BUILDING FRAME COMPONENTS)
      1. DEWALT LOK-BOLT AS SLEEVE ANCHOR IN GROUT FILLED, SOLID, OR HOLLOW CONCRETE MASONRY, AND SOLID BRICK MASONRY
      2. HILTI HLC SLEEVE ANCHOR IN GROUT FILLED, SOLID, OR HOLLOW CONCRETE MASONRY, AND SOLID BRICK MASONRY
      3. SIMPSON SLEEVE-ALL SLEEVE ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY
   D. ACCEPTABLE MECHANICAL SCREW ANCHORAGE SYSTEMS:
      1. HILTI KWIK HUS-EZ SCREW ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY
      2. DEWALT SCREW-BOLT+ SCREW ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY AND BRICK MASONRY
      3. SIMPSON TITEN HD SCREW ANCHOR IN GROUT FILLED, SOLID, OR HOLLOW CONCRETE MASONRY
   E. ACCEPTABLE ADHESIVE ANCHORAGE SYSTEMS:
      1. DEWALT AC100+ GOLD FOR THREADED ROD AND REINFORCING BAR IN GROUT FILLED MASONRY CONSTRUCTION. USE WITH SCREEN TUBES IN HOLLOW MASONRY CONSTRUCTION.
      2. HILTI HIT-HY 270 ADHESIVE FOR THREADED ROD, REINFORCING BAR, AND HILTI SPECIFIC ROD AND INSERT SYSTEMS IN GROUT FILLED OR SOLID CONCRETE MASONRY CONSTRUCTION. USE WITH SCREEN TUBES IN HOLLOW MASONRY, MULIT-WYTHE MASONRY, OR BRICK WITH HOLES CONSTRUCTION.
      3. SIMPSON SET-XP ADHESIVE FOR THREADED ROD AND REINFORCING BAR IN GROUT FILLED, SOLID, AND HOLLOW CONCRETE MASONRY.

IN ACCORDANCE WITH CHAPTER 17 OF THE REFERENCE BUILDING CODE, THE OWNER SHALL EMPLOY INSPECTION AGENCIES TO PERFORM SPECIAL INSPECTIONS DURING CONSTRUCTION INCLUDING INSPECTIONS OF SHOP-FABRICATED ITEMS WHEN APPLICABLE. ALL INSPECTION AGENCIES, INCLUDING FABRICATION FACILITIES, WHEN REQUIRED, SHALL BE QUALIFIED AND APPROVED BY THE BUILDING OFFICIAL. REFER TO OTHER DISCIPLINES FOR SPECIAL INSPECTIONS OF NON-STRUCTURAL SYSTEMS.

**TABLE 1** STATEMENT OF SPECIAL INSPECTIONS FOR STRUCTURAL DISCIPLINE

**REQUIRED SPECIAL INSPECTIONS AND TESTS FOR SOILS**

| TYPE | CONTINUOUS SPECIAL INSPECTION | PERIODIC SPECIAL INSPECTION |
|---|---|---|
| 1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY. | --- | X |
| 2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL. | --- | X |
| 3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS. | --- | X |
| 4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL. | X | --- |
| 5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY. | --- | X |

**REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION**

| TYPE | CONTINUOUS SPECIAL INSPECTION | PERIODIC SPECIAL INSPECTION |
|---|---|---|
| 1. INSPECT REINFORCEMENT AND VERIFY PLACEMENT. | --- | X |
| 2. INSPECT ANCHORS CAST IN CONCRETE. | --- | X |
| 3. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. | | |
| A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. | X | --- |
| B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4A. | --- | X |
| 4. VERIFY USE OF REQUIRED DESIGN MIX. | --- | X |
| 5. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE. | X | --- |
| 6. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES. | --- | X |
| 7. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES. | --- | X |
| 8. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED. | --- | X |

**REQUIRED SPECIAL INSPECTIONS AND TESTS OF WOOD CONSTRUCTION**

| TYPE | CONTINUOUS SPECIAL INSPECTION | PERIODIC SPECIAL INSPECTION |
|---|---|---|
| 1. FABRICATED LOAD BEARING ASSEMBLIES (TRUSSES) CONDUCTED ON THE PREMISES OF THE FABRICATORS SHOP, EXCEPT WHERE THE FABRICATOR HAS BEEN APPROVED TO PREFORM WORK WITHOUT SPECIAL INSPECTIONS (FABRICATOR APPROVAL) | --- | X |

### ABBREVIATIONS

| | |
|---|---|
| AB | ANCHOR BOLT |
| ADD'L | ADDITIONAL |
| ALUM | ALUMINUM |
| ARCH | ARCHITECTURAL |
| B/ | BOTTOM OF |
| BFB | BOTTOM FLANGE BRACE |
| BLDG | BUILDING |
| BM | BEAM |
| BOT | BOTTOM |
| CFMF | COLD-FORMED METAL FRAMING |
| CFMT | COLD-FORMED METAL TRUSS |
| CJ | CONTROL OR CONSTRUCTION JOINT |
| CLR | CLEAR |
| CM | CONSTRUCTION MANAGER |
| CMU | CONCRETE MASONRY UNIT |
| COL | COLUMN |
| CONC | CONCRETE |
| CONT | CONTINUOUS |
| COORD | COORDINATE |
| CY | CUBIC YARD |
| DBL | DOUBLE |
| DEMO | DEMOLISH OR DEMOLITION |
| DET | DETAIL |
| DIA | DIAMETER |
| DIAG | DIAGONAL |
| DIM | DIMENSION |
| DWG | DRAWING |
| EA | EACH |
| EJ | EXPANSION JOINT |
| ENGR | ENGINEER |
| EW | EACH WAY |
| EXP | EXPANSION |
| FDN | FOUNDATION |
| FIN | FINISH OR FINISHED |
| FLR | FLOOR |
| FTG | FOOTING |
| FRTW | FIRE-RETARDANT TREATED WOOD |
| FV | FIELD VERIFY |
| GA | GAGE |
| GALV | GALVANIZE |
| GC | GENERAL CONTRACTOR |
| HC | HOLLOW CORE |
| HORIZ | HORIZONTAL |
| ID | INSIDE DIMENSION |
| IF | INSIDE FACE |
| INT | INTERIOR |
| JST | JOIST |
| JT | JOINT |
| L | ANGLE |
| LGMF | LIGHT GAGE METAL FRAMING |
| LLBB | LONG LEG BACK-TO-BACK |
| LLH | LONG LEG HORIZONTAL |
| LLV | LONG LEG VERTICAL |
| MAS | MASONRY |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| MTL | METAL |
| N | NORTH |
| NA | NOT APPLICABLE |
| NIC | NOT IN CONTRACT |
| NOM | NOMINAL |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| OH | OVERHEAD |
| OPP | OPPOSITE |
| OPNG | OPENING |
| OSB | ORIENTED STRAND BOARD |
| PAF | POWDER ACTUATED FASTENERS |
| PC | PRECAST |
| PEMB | PRE-ENGINEERED METAL BUILDING |
| PERP | PERPENDICULAR |
| PSI | POUNDS PER SQUARE INCH |
| PSF | POUNDS PER SQUARE FOOT |
| REINF | REINFORCING OR REINFORCED |
| REQ'D | REQUIRED |
| SCH | SCHEDULE |
| SECT | SECTION |
| SER | STRUCTURAL ENGINEER OF RECORD |
| SF | SQUARE FOOT |
| SL | SLOPED |
| SLBB | SHORT LEG BACK-TO-BACK |
| SPEC | SPECIFICATION |
| SQ | SQUARE |
| SS | STAINLESS STEEL |
| STD | STANDARD |
| SY | SQUARE YARD |
| SYM | SYMMETRICAL |
| T/ | TOP OF |
| T&B | TOP AND BOTTOM |
| TEMP | TEMPORARY OR TEMPERATURE |
| T&G | TONGUE AND GROOVE |
| TYP | TYPICAL |
| UN | UNLESS NOTED |
| UNO | UNLESS NOTED OTHERWISE |
| VB | VAPOR BARRIER |
| VERT | VERTICAL |
| W | WIDE FLANGE |
| W/O | WITHOUT |
| WT | WEIGHT |
| WWF | WELDED WIRE FABRIC |
| YD | YARD |

### LAP SPLICE SCHEDULE FOR CONCRETE REINFORCING

**3,000 psi & 3,500 psi CONCRETE UNCOATED REINFORCING BARS**

| BAR SIZE | 3/4" CLR. (TOP BARS) | 3/4" CLR. (OTHER BARS) | 1 1/2" CLR. AND GREATER (TOP BARS) | 1 1/2" CLR. AND GREATER (OTHER BARS) |
|---|---|---|---|---|
| #4 | 3'-1" | 2'-4" | 3'-1" | 2'-4" |
| #5 | 3'-10" | 3'-0" | 3'-10" | 3'-0" |
| #6 | 4'-8" | 3'-7" | 4'-8" | 3'-7" |
| #7 | 7'-6" | 5'-9" | 6'-9" | 5'-2" |
| #8 | 9'-3" | 7'-1" | 7'-9" | 5'-11" |
| #9 | 11'-2" | 8'-7" | 8'-8" | 6'-8" |
| #10 | 13'-6" | 10'-4" | 9'-10" | 7'-6" |
| #11 | 15'-10" | 12'-2" | 10'-11" | 8'-4" |

### LAP SPLICE SCHEDULE FOR CONCRETE REINFORCING

**4,000 psi & 4,500 psi CONCRETE UNCOATED REINFORCING BARS**

| BAR SIZE | 3/4" CLR. (TOP BARS) | 3/4" CLR. (OTHER BARS) | 1 1/2" CLR. AND GREATER (TOP BARS) | 1 1/2" CLR. AND GREATER (OTHER BARS) |
|---|---|---|---|---|
| #4 | 2'-8" | 2'-1" | 2'-8" | 2'-1" |
| #5 | 3'-4" | 2'-7" | 3'-4" | 2'-7" |
| #6 | 4'-0" | 3'-1" | 4'-0" | 3'-1" |
| #7 | 6'-6" | 5'-0" | 5'-10" | 4'-6" |
| #8 | 8'-0" | 6'-2" | 6'-8" | 5'-2" |
| #9 | 9'-8" | 7'-6" | 7'-6" | 5'-10" |
| #10 | 11'-8" | 9'-0" | 8'-6" | 6'-6" |
| #11 | 13'-8" | 10'-6" | 9'-5" | 7'-3" |

1. TOP BARS / OTHER BARS — TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BAR.
2. BAR SPACING TO BE A MINIMUM OF THREE DIAMETERS UNLESS NOTED OR SCHEDULED OTHERWISE.
3. APPLICABLE ONLY FOR 60 KSI STEEL AND NORMAL WEIGHT CONCRETE.
4. IN LIEU OF LAP SPLICING, BARS MAY BE SPLICED BY MECHANICAL MEANS WHICH DEVELOP AT LEAST 125% OF THE BAR'S SPECIFIED YIELD STRENGTH.

### REINFORCING COVER/TOLERANCE (#3 - #11 BARS)

| EXPOSURE CONDITION | MIN. COVER (U.N.O.) | PLACEMENT TOLERANCE |
|---|---|---|
| CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: | 3" | 0", +3" |
| EXPOSED TO EARTH OR WEATHER<br>- #5 AND SMALLER BARS:<br>- #6 AND LARGER BARS: | 1-1/2"<br>2" | -1/4", +1/2"<br>-1/4", +1/2" |
| NEITHER EXPOSED TO WEATHER, NOR IN CONTACT WITH GROUND<br>- SLABS AND WALLS:<br>- BEAMS, COLUMNS, & PIERS: (TO TIES OR STIRRUPS) | 3/4"<br>1-1/2" | -1/4", +3/8"<br>-1/4", +1/2" |

"-" INDICATES TOLERANCE TOWARDS MEMBER FACE.
"+" INDICATES TOLERANCE AWAY FROM MEMBER FACE.

STATE OF OHIO
STANLEY N. FULLER
E-67148
REGISTERED
PROFESSIONAL ENGINEER

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creategm.com

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

230 WILLIAM ST - FORT RECOVERY, OH 45846 (1)

Jezerinac Geers Structural Engineering

| | |
|---|---|
| PROJECT NUMBER: | 26.27.520 |
| DESIGNED BY: | KRA |
| DRAWN BY: | JPK (R26) |
| CHECKED BY: | SNF |
| DOCUMENT STATUS: | ☐ PROGRESS |
| | ■ PERMIT |
| | ■ BIDDING |
| | ☐ CONSTRUCTION |

ISSUANCES/REVISIONS

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | JPK (R26) | SNF |

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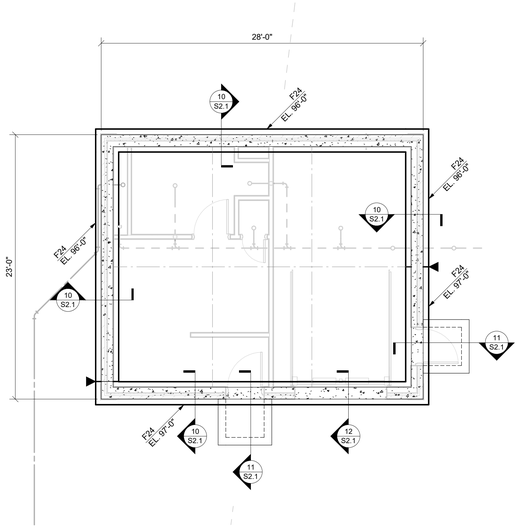
**GENERAL STRUCTURAL INFORMATION**

SHEET NUMBER:

**S0.1**

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## FOUNDATION PLAN - REFEREE BUILDING

3/16" = 1'-0"

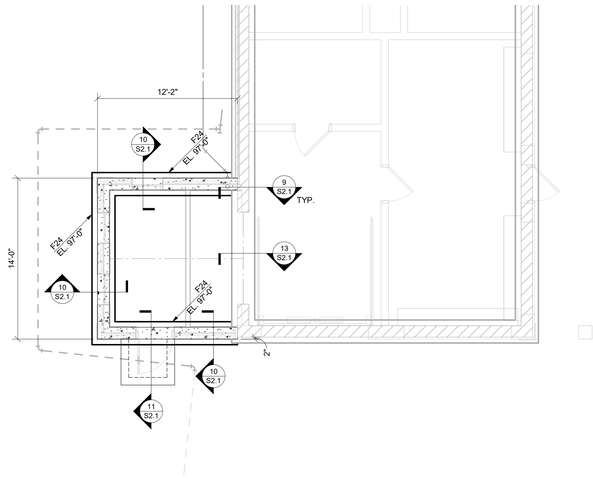
**FOUNDATION NOTES**

1. ▼ INDICATES FOOTING STEP PER SECTION 1/S2.1. STEP AT A RATIO NOT TO EXCEED ONE VERTICAL TO TWO HORIZONTAL.
2. ( ) INDICATES APPROXIMATE LOCATION AND INVERT ELEVATION OF UNDERGROUND UTILITIES. COORDINATE THE LOCATION AND DEPTH OF ALL UNDERGROUND MECHANICAL, ELECTRICAL, PLUMBING, AND/OR CIVIL WORK WITH THE APPROPRIATE TRADE CONTRACTOR(S) PRIOR TO CONSTRUCTION. NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO THE INSTALLATION OF UNDERGROUND UTILITIES ARE TO BE STEPPED OR DROPPED COMPLETELY BELOW THE UTILITY DEPTH PER SECTION 1/S2.1 AND SLEEVED PER SECTION 2/S2.1. WHERE UNDERGROUND UTILITIES ARE IN PLACE PRIOR TO FOUNDATION CONSTRUCTION, THEY ARE TO BE ENCASED PER SECTION 3/S2.1. SEE SECTION 4/S2.1 FOR TRENCH EXCAVATION AND UTILITY PLACEMENT REQUIREMENTS FOR WORK THAT IS LAID ADJACENT TO FOOTINGS.
3. INDICATES EXISTING BUILDING CONSTRUCTION BASED ON ORIGINAL BUILDING DRAWINGS AND LIMITED FIELD INVESTIGATION. EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. ARE TO BE VERIFIED PRIOR TO CONSTRUCTION OR FABRICATION OF ANY MATERIAL BY CONTRACTOR PERFORMING WORK IN EXISTING AREAS. REPORT ANY DISCREPANCIES TO ARCHITECT IMMEDIATELY. DO NOT REMOVE EXISTING LOAD-BEARING WALLS, COLUMNS, OR ANY SUCH STRUCTURE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT. WHERE NEW STRUCTURE IS TO BE INSTALLED, PROVIDE SHORING AND BRACING AS REQUIRED TO PROPERLY SUPPORT THE REMAINING STRUCTURE UNTIL THE NEW STRUCTURE IS IN PLACE AND PROPERLY BRACED.
4. PRESUMPTIVE DESIGN SOIL BEARING PRESSURE = 1,500 PSF. PLACE NO CONCRETE PRIOR TO INSPECTION AND APPROVAL OF BEARING SURFACES BY SOILS ENGINEER.
5. BOTTOM OF FOOTINGS ARE TO BE AT LEAST 42-INCHES BELOW THE ADJACENT EXTERIOR FINISHED GRADE FOR FROST PROTECTION.
6. KEEP FOUNDATIONS FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH LEAN CONCRETE OR FLOWABLE FILL.
7. ELEVATIONS SHOWN ON FOOTINGS INDICATE ELEVATION AT TOP OF FOOTING. REFERENCE ELEVATION/TOP OF CONCRETE SLAB ELEVATION AS NOTED ON PLANS. COORDINATE ABSOLUTE ELEVATION OF TOP OF SLAB WITH SITE DRAWINGS.
8. PROVIDE CORNER BARS AT ALL FOOTING AND CONCRETE WALL INTERSECTIONS PER DETAIL 5/S2.1.
9. SEE SECTION 6/S2.1 FOR TYPICAL OUTDOOR MECHANICAL EQUIPMENT PADS.
10. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

**SLAB NOTES**

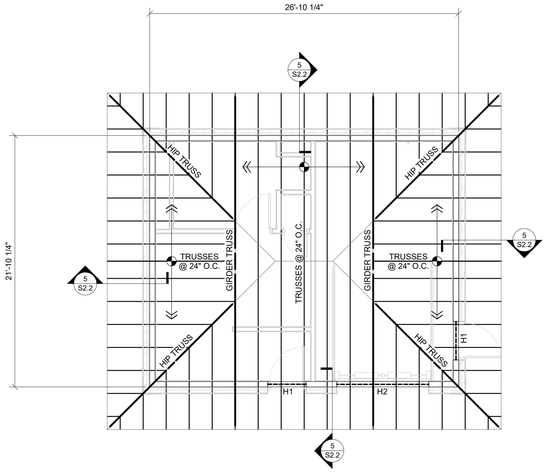
1. SLAB CONSTRUCTION:
   4" CONCRETE SLAB ON GRADE W/ 6x6 W2.9/W2.9 WWF, OVER 15-MIL VAPOR BARRIER, OVER 2" EXTRUDED POLYSTYRENE INSULATION (TYPE VI, VII, OR VI), OVER 6" COMPACTED #57 STONE SUBBASE.
2. INDICATES SLAB CONTROL/CONSTRUCTION JOINT PER SECTION 7/S2.1. CONTROL JOINTS ARE TO BE LOCATED IN AREAS SHOWN AT A SPACING NOT TO EXCEED 12'-0" O.C. UNLESS DIMENSIONED OTHERWISE.
3. STONE SUBBASE ON THIS PROJECT IS REQUIRED TO BE GRADATION #57 FOR FROST PROTECTION OF UNHEATED SLABS. DO NOT SUBSTITUTE WITH #304 STONE. REFER TO DIVISION 31 SPECIFICATIONS FOR DEPTH AND PLACEMENT OF DRAINAGE FILL AND DIVISION 3 FOR VAPOR BARRIER OR RETARDER BELOW SLABS ON GRADE.
4. WIRE MESH IS TO BE SUPPORTED ON CHAIRS OR BOLSTERS AT MID-DEPTH OF THE SLAB DURING CONCRETE PLACEMENT. MESH IS NOT TO BE PULLED INTO PLACE DURING CONCRETE PLACEMENT.
5. SEE SECTION 8/S2.1 FOR TYPICAL NEW-TO-EXISTING SLAB TRANSITION.
6. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

| CONT. WALL FOOTING SCHEDULE | | |
|---|---|---|
| MARK | SIZE | REINFORCING |
| F24 | 2'-0" x 1'-0" DP. | (2) #5 CONT. BOT. |




## FOUNDATION PLAN - TICKET BOOTH

3/16" = 1'-0"




## ROOF FRAMING PLAN - REFEREE BUILDING

3/16" = 1'-0"

**ROOF FRAMING NOTES**

1. DESIGN LIVE/SNOW LOADS:
   ROOF LIVE/SNOW 20 PSF
2. ROOF CONSTRUCTION:
   5/8" NOMINAL APA RATED SHEATHING, EXPOSURE 1, WITH A 40/20 MINIMUM SPAN RATING. PROVIDE 10d COMMON NAILS AT 6" O.C. AT ALL PANEL EDGES AND AT 12" O.C. AT ALL INTERMEDIATE SUPPORTS UNLESS NOTED OTHERWISE. PANEL EDGES NEED NOT BE BLOCKED UNLESS NOTED OR DETAILED OTHERWISE.
3. ☒ INDICATES ROOF OPENING. COORDINATE EXACT SIZE AND LOCATION WITH THE APPROPRIATE TRADE CONTRACTOR(S). NOT ALL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS. SEE SECTION 3/S2.2 FOR FRAMING OF ALL OPENINGS EQUAL TO OR GREATER THAN 12" SQUARE OR DIAMETER. SIZE OF OPENING IS NOT TO EXCEED THE TYPICAL CLEAR DISTANCE BETWEEN FRAMING MEMBERS OR TRUSSES. NOTIFY THE ARCHITECT BEFORE PROCEEDING IF OPENINGS CANNOT BE FIT BETWEEN FRAMING MEMBERS.
4. INDICATES EXISTING BUILDING CONSTRUCTION BASED ON ORIGINAL BUILDING DRAWINGS AND LIMITED FIELD INVESTIGATION. EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. ARE TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION OR FABRICATION OF ANY MATERIAL BY CONTRACTOR PERFORMING WORK IN EXISTING AREAS. REPORT ANY DISCREPANCIES TO ARCHITECT IMMEDIATELY. DO NOT REMOVE EXISTING LOAD-BEARING WALLS, COLUMNS, OR ANY SUCH STRUCTURE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT. WHERE NEW STRUCTURE IS TO BE INSTALLED, PROVIDE SHORING AND BRACING AS REQUIRED TO PROPERLY SUPPORT THE REMAINING STRUCTURE UNTIL THE NEW STRUCTURE IS IN PLACE AND PROPERLY BRACED.
5. SEE ARCH FOR TRUSS BEARING ELEVATIONS. REFERENCE ELEVATION 100'-0" = TOP OF FIRST FLOOR SLAB ON GRADE.
6. SEE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT INDICATED HEREIN.
7. TRUSSES ARE TO BE DESIGNED FOR A 250 POUND CONCENTRATED LOAD SHOWN APPLIED ANYWHERE ALONG THE BOTTOM CHORD OF THE SPAN. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO LIMIT THE TOTAL LOAD HANGING FROM THE TRUSS TO THIS AMOUNT.
8. COORDINATE THE LOCATION OF ALL TRUSSES WITH ARCHITECTURAL PARTITION WALLS BELOW. DO NOT INSTALL TRUSSES DIRECTLY OVER A PARALLEL WALL BELOW, UNLESS NOTED OTHERWISE.
9. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

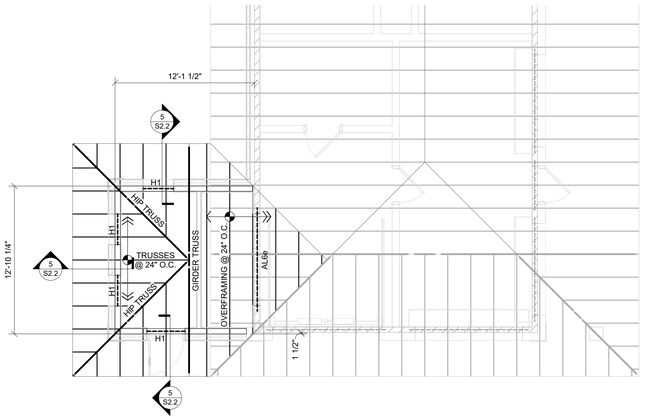
**WALL NOTES**

1. TYPICAL EXTERIOR WALL SHEATHING:
   1/2" NOMINAL APA RATED SHEATHING, EXPOSURE 1, WITH A WALL-24 MINIMUM SPAN RATING. PROVIDE 8d COMMON NAILS AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. AT ALL INTERMEDIATE SUPPORTS UNLESS NOTED OTHERWISE. ALL PANEL EDGES ARE TO BE FULLY BLOCKED AND NAILED AT SHEAR WALL LOCATIONS UNLESS NOTED OTHERWISE.
2. H(x) INDICATES OPENING HEADER PER SECTION 1/S2.2. SEE ARCHITECTURAL DRAWINGS FOR LOCATION, EXTENT, AND ELEVATION OF ALL OPENINGS. SEE HEADER SCHEDULE FOR SIZES AND SUPPORT REQUIREMENTS.
3. AL6⊗ INDICATES STEEL ANGLE LINTEL IN EXISTING MASONRY WALL PER SECTION 4/S2.2. USE STANDARD SCHEDULED ANGLE LINTELS FOR ALL NEW OPENINGS IN EXISTING NON-LOADBEARING MASONRY WALLS UNLESS NOTED OTHERWISE.
4. SEE SECTION 6/S2.2 FOR VENEER LINTELS. USE STANDARD SCHEDULED VENEER LINTELS FOR ALL OPENINGS IN BRICK OR MASONRY VENEERS UNLESS NOTED OTHERWISE.
5. WALL STUDS ARE TO EXTEND CONTINUOUS FOR FULL HEIGHT OF WALL UNLESS NOTED OTHERWISE. WHERE STUDS ARE INTERRUPTED BY OPENING IN WALL (W/DOW, LOUVER, ETC.) PROVIDE ONE FULL-HEIGHT KING STUD AT EACH JAMB FOR EACH 2'-0" OF OPENING WIDTH.
6. PROVIDE MID-HEIGHT STUD WALL BLOCKING FOR ALL EXTERIOR WALLS.
7. NOT ALL HEADERS/LINTELS ARE SHOWN ON THESE PLANS. SEE ARCHITECTURAL DRAWINGS FOR LOCATION, WIDTH, HEIGHT, AND ELEVATION OF ALL EXPOSED OPENINGS. COORDINATE LOCATION, WIDTH, HEIGHT, AND ELEVATION OF ALL CONCEALED OPENINGS WITH APPROPRIATE TRADE CONTRACTOR. HEADERS/LINTELS SHOWN OFFSET FROM CENTERLINE OF WALL TYPICALLY INDICATE OPENINGS FOR MECHANICAL, ELECTRICAL, PLUMBING, AND/OR TECHNOLOGY WORK.
8. LAP STUD WALL TOP PLATE PER SECTION 2/S2.2.
9. ALL WALL DIMENSIONS SHOWN ARE TO FACE OF STUD.
10. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

| WOOD HEADER SCHEDULE | | | | | |
|---|---|---|---|---|---|
| MARK | SIZE | HOLDOWNS (LOCATE EA. END) | JACK STUDS | KING STUDS | ADDITIONAL REQUIREMENTS |
| H1 | (3) 2x6 | (2) H2.5A | (1) 2x6 | (1) 2x6 | - |
| H2 | (3) 2x10 | (2) H2.5A | (1) 2x6 | (2) 2x6 | - |

HEADER SCHEDULE NOTES:

1. JACK AND KING STUDS SHALL MATCH WALL FRAMING SIZE AND SPECIES OF DESIGNATED STUD WALLS THEY ARE INTEGRAL WITH, U.N.O.
2. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM LUMBER GRADES FOR HEADER FRAMING, U.N.O.
3. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM STRUCTURAL COMPOSITE LUMBER DESIGN VALUES.
4. PROVIDE 'H1' HEADER FOR ALL OPENINGS NOT DESIGNATED ON THE FRAMING PLANS.




## ROOF FRAMING PLAN - TICKET BOOTH

3/16" = 1'-0"

STATE OF OHIO
STANLEY N. FULLER
E-67148
REGISTERED PROFESSIONAL ENGINEER

GARMANN MILLER
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mmmgrp.com

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

230 WILLIAM ST - FORT RECOVERY, OH 45846

| ISSUANCES/REVISIONS | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | JPK (R26) | SNF |

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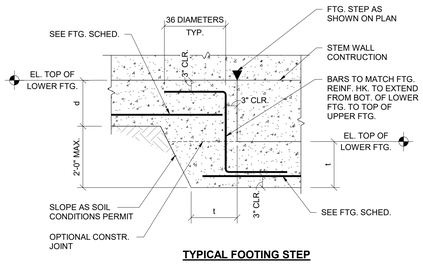
**STRUCTURAL PLANS**

SHEET NUMBER:

**S1.1**

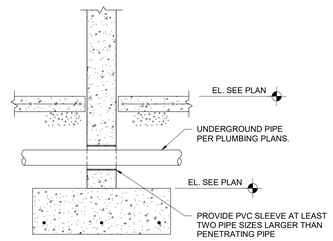
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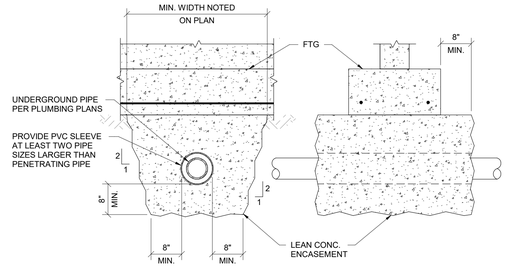

**TYPICAL FOOTING STEP**

SECTION 1 — 3/4" = 1'-0"



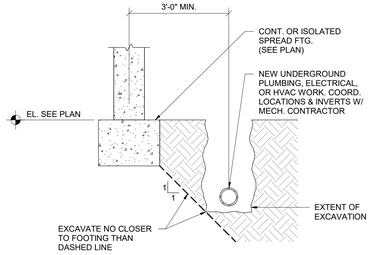

**TYPICAL PLUMBING THROUGH STEMWALL**

SECTION 2 — 3/4" = 1'-0"

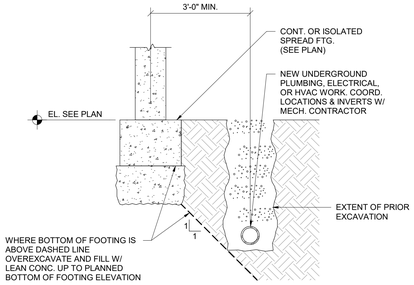



**TYPICAL PLUMBING UNDER FOOTING**

SECTION 3 — 3/4" = 1'-0"

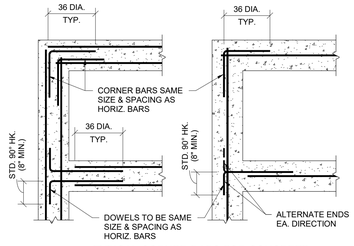



**TYPICAL EXCAVATION CLEARANCE REQUIREMENTS AT NEW UNDERGROUND WORK**



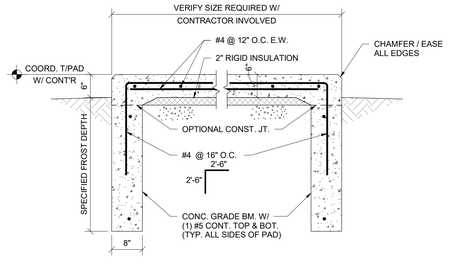

**TYPICAL OVEREXCAVATION REQUIREMENTS AT IN-PLACE UNDERGROUND WORK**

SECTION 4 — 3/4" = 1'-0"



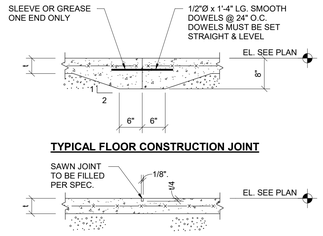

**TYPICAL CORNER BARS FOR CONCRETE WALL AND FOOTING CONSTRUCTION**

SECTION 5 — 3/4" = 1'-0"




**TYPICAL EXTERIOR EQUIPMENT PAD**

SECTION 6 — 3/4" = 1'-0"

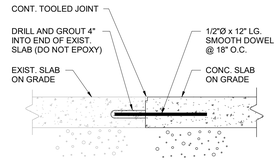



**TYPICAL FLOOR CONSTRUCTION JOINT**



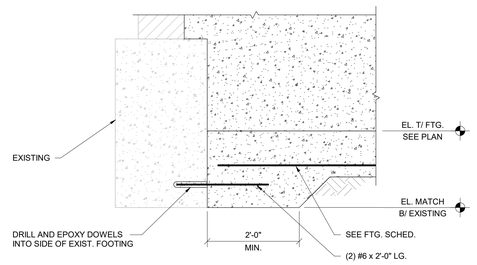

**TYPICAL FLOOR CONTROL JOINT**

SECTION 7 — 3/4" = 1'-0"

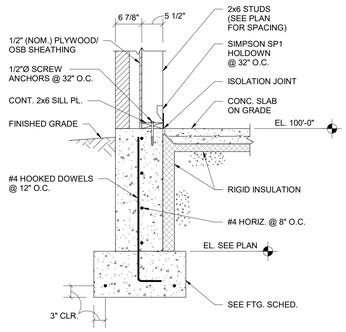



**TYPICAL NEW-TO-EXISTING SLAB TRANSITION**

SECTION 8 — 1 1/2" = 1'-0"

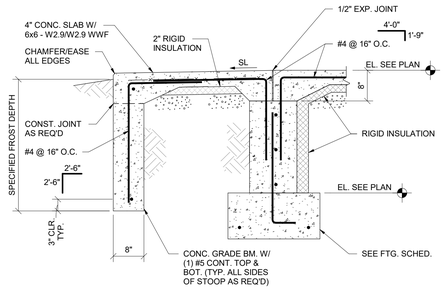



SECTION 9 — 3/4" = 1'-0"



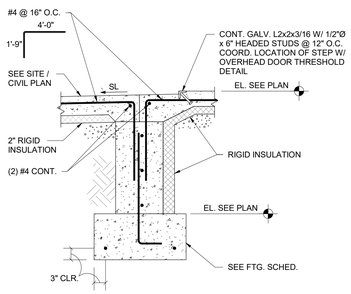

**TYPICAL SLAB EDGE AT EXTERIOR WALL**

SECTION 10 — 3/4" = 1'-0"



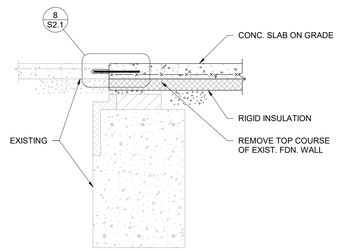

**TYPICAL SLAB EDGE AT INTERIOR WALL**

SECTION 11 — 3/4" = 1'-0"




**TYPICAL SLAB EDGE AT OVERHEAD DOOR**

SECTION 12 — 3/4" = 1'-0"




SECTION 13 — 3/4" = 1'-0"

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STATE OF OHIO
STANLEY N. FULLER
E-67148
PROFESSIONAL ENGINEER

GARMANN MILLER
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# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

230 WILLIAM ST - FORT RECOVERY, OH 45846

| ISSUANCES/REVISIONS | | |
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| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

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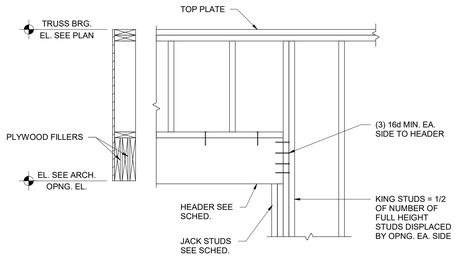
SHEET TITLE:

**STRUCTURAL DETAILS**

SHEET NUMBER:

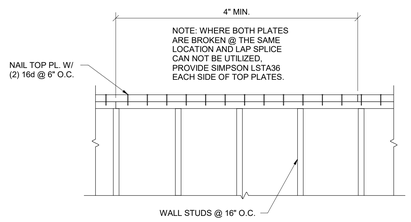
**S2.1**

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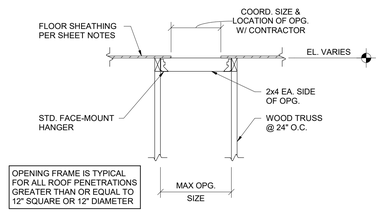

**TYPICAL WOOD HEADER CONSTRUCTION**

SECTION 1 — 3/4" = 1'-0"




**TYPICAL SHEARWALL-TOP PLATE SPLICE**

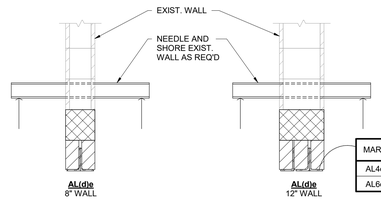
SECTION 2 — 3/4" = 1'-0"




TYPICAL ROOF OPENING BETWEEN WOOD TRUSSES

SECTION 3 — 3/4" = 1'-0"

**ANGLE LINTELS IN EXISTING WALLS**




| MARK | SIZE (PER 4" OF WIDTH) | MAX. SPAN (UNO) |
|---|---|---|
| AL4e | L4 x 3 1/2 x 5/16 LLV | 6'-0" |
| AL6e | L6 x 3 1/2 x 5/16 LLV | 8'-4" |

**DOUBLE-ANGLE LINTEL NOTES**

1. LINTELS SHALL BEAR ON SOLID MASONRY OR ON TWO CMU COURSES FULLY GROUTED
2. FURNISH AND INSTALL ALL LOOSE LINTELS REQUIRED FOR ALL OPENINGS IN MASONRY, INCLUDING MECHANICAL AND ELECTRICAL WORK WHETHER SPECIFICALLY NOTED ON DRAWINGS OR NOT.
3. PROVIDE 6" MINIMUM BEARING EACH END.
4. MAXIMUM SPANS DO NOT APPLY TO LOADBEARING WALLS.
5. PROVIDE TWO LAYERS OF 15-MIL PLASTIC VAPOR BARRIER BELOW ALL LINTEL BEARINGS AND CAULK FACE JOINT.

SECTION 4 — 3/4" = 1'-0"




SECTION 5 — 3/4" = 1'-0"

**VENEER LINTELS**




| MARK | SIZE | MAX. SPAN (UNO) |
|---|---|---|
| VL4 | L4 x 4 x 5/16 | 6'-0" |
| VL6 | L6 x 4 x 5/16 LLV | 8'-4" |

**VENEER LINTEL NOTES**

1. FURNISH AND INSTALL ALL LOOSE LINTELS REQUIRED FOR ALL OPENINGS IN MASONRY, INCLUDING MECHANICAL AND ELECTRICAL WORK, WHETHER SPECIFICALLY NOTED ON DRAWINGS OR NOT.
2. ALL LINTELS AT EXTERIOR LOCATIONS OR OTHERWISE SUBJECT TO WEATHER OR CORROSIVE ATMOSPHERE SHALL BE GALVANIZED.
3. PROVIDE 6" MINIMUM BEARING EACH END.
4. PROVIDE TWO LAYERS OF 15-MIL PLASTIC VAPOR BARRIER BELOW ALL LINTEL BEARINGS AND CAULK FACE JOINT.

SECTION 6 — 3/4" = 1'-0"

STATE OF OHIO — STANLEY N. FULLER E-67148 — REGISTERED PROFESSIONAL ENGINEER

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmmgrp.com

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

230 WILLIAM ST - FORT RECOVERY, OH 45846

| ISSUANCES/REVISIONS | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | JPK (R26) | SNF |

SHEET TITLE:

**STRUCTURAL DETAILS**

SHEET NUMBER:

**S2.2**

PRINTED ON: 11/10/2026 5:06:44 PM

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- NOTE:

| | |
|---|---|
| | ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW. |

- CHARACTERS

| | |
|---|---|
| & | AND |
| Ø | DIAMETER/ROUND |

A

| | |
|---|---|
| A | AIR |
| AB | ABOVE BASE |
| ABV | ABOVE |
| AC | AIR CONDITIONING |
| ACOUS | ACOUSTICAL |
| AD | AREA DRAIN |
| ADD | ADDENDUM |
| ADDL | ADDITIONAL |
| AFF | ABOVE FINISHED FLOOR |
| AFUE | ANNUAL FUEL UTILIZATION EFFICIENCY |
| AG | ABOVE GROUND |
| ALT | ALTERNATE |
| AP | ACCESS PANEL |
| APPROX | APPROXIMATE |
| ARCH | ARCHITECT/ARCHITECTURAL |
| AUTO | AUTOMATIC |
| AV | ACID RESISTANT VENT |
| AW | ACID RESITANT WASTE |

B

| | |
|---|---|
| BFF | BELOW FINISHED FLOOR |
| BLDG | BUILDING |
| BLW | BELOW |
| BO | BY OTHER |
| BOT | BOTTOM |
| BSMT | BASEMENT |
| BTU | BRITISH THERMAL UNITS |
| BTUH | BRITISH THERMAL UNITS PER HOUR |
| BTWN | BETWEEN |

C

| | |
|---|---|
| CAP | CAPACITY |
| CB | CATCH BASIN |
| CCW | COUNTER CLOCKWISE |
| CFCV | CONSTANT FLOW CONTROL VALVE |
| CFM | CUBIC FEET PER MINUTE |
| CHW | CIRCULATING HOT WATER |
| CI | CAST IRON |
| CLG | CEILING/COOLING |
| CO | CLEAN OUT |
| COL | COLUMN |
| COMB | COMBINATION |
| CONC | CONCRETE |
| COND | CONDENSATE |
| CONF | CONFERENCE |
| CONN | CONNECT |
| CONST | CONSTRUCTION |
| CONT | CONTINUE/CONTINUATION |
| CONTR | CONTRACT/CONTRACTOR |
| COORD | COORDINATE |
| CTR | CENTER |
| CUFT | CUBIC FEET |
| CV | CHECK VALVE |
| CW | COLD WATER |
| CW | CLOCKWISE |

D

| | |
|---|---|
| D | DEGREE |
| DB | DRY BULB |
| DET | DETAIL |
| DI | DEIONIZED WATER |
| DIA | DIAMETER |
| DISCH | DISCHARGE |
| DIV | DIVISION |
| DMPR | DAMPER |
| DN | DOWN |
| DW | DISTILLED WATER |
| DWG | DRAWING |

E

| | |
|---|---|
| EA | EACH |
| EAT | ENTERING AIR TEMPERATURE |
| EL | ELBOW |
| ELEC | ELECTRICAL |
| ELEV | ELEVATION |
| EP | EXPLOSION PROOF |
| EQ | EQUAL |
| EQUIP | EQUIPMENT |
| EWC | ELECTRIC WATER COOLER |
| EWT | ENTERING WATER TEMPERATURE |
| EXIST | EXISTING |
| EXP | EXPANSION JOINT |
| EXT | EXTERIOR |

F

| | |
|---|---|
| F | DEGREES FAHRENHEIT |
| FCO | FLOOR CLEAN OUT |
| FD | FLOOR DRAIN |
| FDV | FIRE DEPARTMENT VALVE |
| FHC | FIRE HOSE CABINET |
| FL | FLOOR |
| FLEX | FLEXIBLE |
| FLG | FLANGE |
| FO | FUEL OIL |
| FOR | FUEL OIL RETURN |
| FOS | FUEL OIL SUPPLY |
| FOV | FUEL OIL VALVE |
| FPM | FEET PER MINUTE |
| FRP | FIBERGLASS REINFORCED PIPE |
| FS | FULL SIZE/FLOOR SINK |
| FT | FOOT/FEET |
| FTG | FOOTING |
| FTR | FIN TUBE RADIATION |
| FUT | FUTURE |

G

| | |
|---|---|
| GA | GAGE/GAUGE |
| GAL | GALLON |
| GALV | GALVANIZED |
| GC | GENERAL CONTRACTOR |
| GEN | GENERATOR |
| GENL | GENERAL |
| GPM | GALLONS PER MINUTE |
| GR | GRADE |
| GW | GREASE WASTE |

H

| | |
|---|---|
| HB | HOSE BIB |
| HD | HEAD |
| HORZ | HORIZONTAL |
| HP | HORSE POWER/HIGH PRESSURE |
| HTG | HEATING |
| HTR | HEATER |
| HW | HOT WATER |
| HYD | HYDRANT |

I

| | |
|---|---|
| ID | INDIRECT |
| IN | INCH |
| INL | INLET |
| INSUL | INSULATION |
| INT | INTERIOR |
| INV | INVERT |
| INWG | INCHES WATER GAUGE |

J

| | |
|---|---|
| JST SPC | JOIST SPACE |
| JT | JOINT |

L

| | |
|---|---|
| LAB | LABORATORY |
| LAT | LEAVING AIR TEMPERATURE |
| LB | POUND |
| LB/HR | POUNDS PER HOUR |
| LF | LINEAL FOOT |
| LP | LOW PRESSURE |
| LPG | LIQUEFIED PERTOLEUM GAS |
| LR | LIQUID REFRIGERANT |
| LVR | LOUVER |
| LWT | LEAVING WATER TEMPERATURE |

M

| | |
|---|---|
| M/A | MIXED AIR |
| MAN | MANUAL |
| MATL | MATERIAL |
| MAV | MANUAL AIR VENT |
| MAX | MAXIMUM |
| MBD | MOTORIZED BYPASS DAMPER |
| MBH | ONE THOUSAND BTU PER HOUR |
| MCF | ONE THOUSAND CUBIC FEET |
| MCW | MAKE-UP COLD WATER |
| MD | MOTORIZED DAMPER |
| MECH | MECHANICAL |
| MFR | MANUFACTURER |
| MH | MANHOLE |
| MIN | MOTORIZED BYPASS DAMPER |
| MISC | MISCELLANEOUS |
| MTR | MOTOR |
| MU/A | MAKE-UP/AIR |

N

| | |
|---|---|
| N | NECK |
| NC | NOISE CRITERIA/NORMALLY CLOSED |
| NIC | NOT IN CONTRACT |
| NO | NUMBER/NORMALLY OPEN |
| NOM | NOMINAL |
| NTS | NOT TO SCALE |

O

| | |
|---|---|
| O | OXYGEN |
| O/A | OUTSIDE AIR |
| OC | ON CENTER |
| OF | OVERFLOW |
| OPNG | OPENING |
| ORD | OVERFLOW ROOF DDRAIN |

P

| | |
|---|---|
| PD | PRESSURE DROP |
| PIV | POST INDICATOR VALVE |
| PLBG | PLUMBING |
| PR | PAIR |
| PREL | PRELIMINARY |
| PRESS | PRESSURE |
| PRIM | PRIMARY |
| PRV | PRESSURE REDUCING VAL |
| PSI | POUNDS PER SQUARE INCH |
| PSIG | POUNDS PER SQUARE INCH GAUGE |
| PW | POTABLE WATER |
| PWR | POWER |

R

| | |
|---|---|
| RCP | RADIANT CEILING PANEL |
| RD | ROOF DRAIN |
| REC | RECESSED |
| RED | REDUCER |
| REFR | REFRIGERATION |
| REQD | REQUIRED |
| REV | REVERSE |
| RH | RELATIVE HUMIDITY |
| RM | ROOM |
| RPM | REVOLUTIONS PER MINUTE |
| RW | RAIN WATER |

S

| | |
|---|---|
| S | SANITARY |
| SCHED | SCHEDULE |
| SD | STORM DRAINAGE |
| SDO | STORM DRAINAGE OVERFLOW |
| SECT | SECTION |
| SF | SQUARE FOOT |
| SHT | SHEET |
| SIM | SIMILAR |
| SLV | SLEEVE |
| SM | SURFACE MOUNT |
| SP | STANDPIPE/STATIC PRESSURE |
| SPEC | SPECIFICATION |
| SPS | STATIC PRESSURE STATION |
| SQ | SQUARE |
| SR | SUCTION REFRIGERANT |
| SS | STAINLESS STEEL |
| SSD | SOIL SUBDRAIN |
| STD | STANDARD |
| STM | STEAM |
| STRUCT | STRUCTURAL |
| SUCT | SUCTION |
| SUSP | SUSPENDED |

T

| | |
|---|---|
| T | THERMOSTAT |
| TCP | TEMPERATURE CONTROL PANEL |
| TD | TEMPERATURE DROP |
| TDR | TRENCH DRAIN |
| TEFC | TOTALLY ENCLOSED FAN COOLED |
| TEMP | TEMPERATURE |
| TYP | TYPICAL |

U

| | |
|---|---|
| UFD | UNDER FLOOR DUCT |
| UG | UNDERGROUNG |

V

| | |
|---|---|
| V | VENT |
| VAV | VARIABLE AIR VOLUME |
| VEL | VELOCITY |
| VENT | VENTILATION |
| VERT | VERTICAL |
| VOL | VOLUME |
| VTR | VENT THROUGH ROOF |

W

| | |
|---|---|
| W | WASTE |
| WB | WET BULB |
| WCO | WALL CLEAN OUT |
| WH | WALL HYDRANT |

## ABBREVIATIONS

| | | | |
|---|---|---|---|
| AC | AIR CONDITIONING UNIT | EWH | ELECTRIC WATER HEATER |
| ACC | AIR COOLED CONDENSER | FCU | FAN COIL UNIT |
| ACCU | AIR COOLING CONDENSING UNIT | FP | FIRE PUMP |
| AHU | AIR HANDLING UNIT | GI | GREASE INTERCEPTOR |
| AS | AIR SEPARATOR | GRV | GRAVITY ROOF VENTILATOR |
| B | BOILER | HWP | HEATING WATER PUMP |
| CH | CHILLER | HX | HEAT EXCHANGER |
| CT | COOLING TOWER | HRU | HEAT RECOVERY UNIT |
| CH | CABINET UNIT HEATER | PRV | POWER ROOF VENTILATOR |
| CWP | CONDENSER WATER PUMP | RE | RETURN/EXHAUST FAN |
| CHWP | CHILLED WATER PUMP | RTU | ROOFTOP UNIT |
| DBP | DOMESTIC WATER BOOSTER PUMP | SEP | SEWAGE EJECTOR PUMP |
| DC | DUCT MOUNTED COIL | SF | SUPPLY FAN |
| DCP | DOMESTIC WATER CIRCULATING PUMP | SP | SUMP PUMP |
| EF | EXHAUST FAN | UH | UNIT HEATER |
| EDC | ELECTRIC DUCT COIL | WH | WATER HEATER |
| ET | EXPANSION TANK | | |

## 1 MP1.1 EQUIPMENT ABBREVIATIONS
NTS

- 16"x8" SQUARE DUCT SIZE TAG (WIDTH x HEIGHT)
- 16"/8" OVAL DUCT SIZE TAG (WIDTH / HEIGHT)
- 16"Ø ROUND DUCT SIZE TAG (DIAMETER)
- (E) EXISTING DUCT TAG
- DUCT BEING DEMOLISHED
- S/A SUPPLY AIR
- S-O/A CONDITIONED OUTSIDE AIR
- O/A OUTSIDE AIR
- R/A RETURN AIR
- T/A TRANSFER AIR
- E/A EXHAUST AIR
- L/A RELIEF AIR
- GE/A GREASE EXHAUST AIR
- SE/A SMOKE EXHAUST AIR
- FLUE EXHAUST GAS FLUE
- C/A COMBUSTION AIR
- DROP RECTANGULAR SUPPLY/OUTSIDE AIR DUCT RISE
- DROP ROUND SUPPLY/OUTSIDE AIR DUCT RISE
- DROP RECTANGULAR RETURN/TRANSFER AIR DUCT RISE
- DROP ROUND RETURN/TRANSFER AIR DUCT RISE
- DROP RECTANGULAR EXHAUST/RELIEF AIR DUCT RISE
- DROP ROUND EXHAUST/RELIEF AIR DUCT RISE

**GRILLES, REGISTERS & DIFFUSERS TAG**

TYPE (SEE SCHEDULE); 3-CONE DIFFUSER: SD1 400 / 10" / 24x24 / 22 H-5/7/14 — CFM; NECK SIZE / MODULE SIZE; THROW-150FPM/ 100FPM/ 50FPM; THROW PATTERN; MAX NC RATING

PERFORATED DIFFUSER WITH DEFLECTORS: SD3 300 / 8" / 24x24

RG2 500 / 12"x10" / 24x24 / 18 — EGGCRATE RETURN GRILLE

ROUND DIFFUSER WITH ADJUSTABLE PATTERNS: SD9 400 / 12" / ---

LOUVERED DOUBLE DEFLECTION GRILLE: SG7 500 / 12"x10" / ---

RG9 500 / 12"x10" / 24x12 — LOUVERED GRILLE

LINEAR BAR GRILLE: SLB3 400 / 48"x2 1/2"

**LINEAR DIFFUSER TAG**

TYPE (SEE SCHEDULE): LSD1 200 / 1 / 4' - 0" / 8" / 8' - 0" AFF — CFM; NUMBER OF SLOTS / ACTIVE SLOT LENGTH (PLENUM LENGTH) / NECK SIZE; ELEVATION (CENTER OF FACE); SECTION TOTAL TRACK LENGTH

LINEAR SLOT DIFFUSER: LSD1 200 / 1 / 4' - 0" / 8"; 18' - 0"; INLET COLLAR DAMPER

**MECHANICAL EQUIPMENT TAGS**

- VAV-XX Htg: 3.7 GPM — HEATING COIL FLOW; VAV BOX
- VAV-XX 10' - 0" — BOTTOM OF EQUIPMENT ELEVATION
- EXISTING EQUIPMENT TO REMAIN — (E)VAV-XX
- EQUIPMENT BY OTHERS (REFER TO OTHER DISCIPLINE FOR ADDITIONAL INFORMATION) — VAV-XX
- RTU-XX 590 lb — OPERATING WEIGHT NOT INCLUDING CURB
- RTU-XX 4.0 ton — NOMINAL COOLING CAPACITY; ROOFTOP UNIT
- RTU-XX 115000 Btu/h 115 CFH — FUEL INPUT; GAS PIPE FLOW

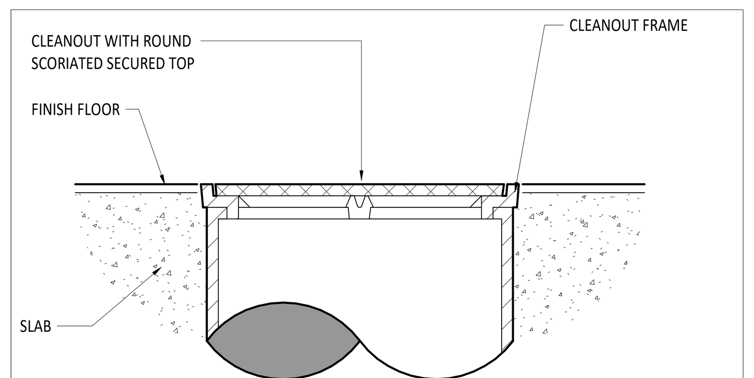
**SENSOR TAGS**

| | | | |
|---|---|---|---|
| CARBON DIOXIDE SENSOR | CO2 | TH | TEMPERATURE & HUMIDITY SENSOR |
| CARBON MONOXIDE SENSOR | CO | TS | TEMPERATURE SENSOR |
| NITROGEN DIOXIDE SENSOR | NO2 | T | THERMOSTAT |
| HUMIDITY SENSOR | HS | MS | MANUAL SWITCH |
| HUMIDISTAT | H | S | SENSOR |

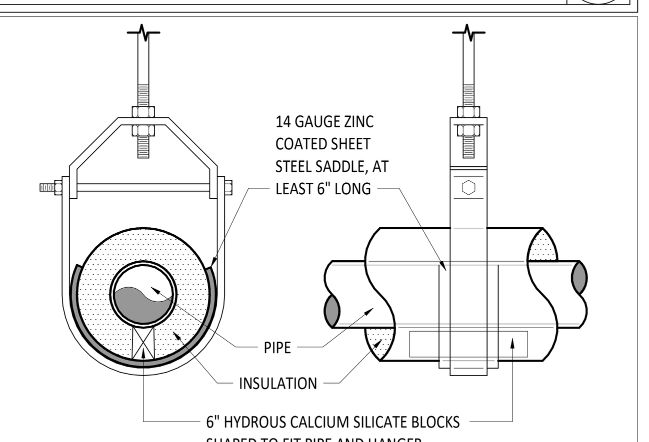
**DAMPER TAGS**

| | | | |
|---|---|---|---|
| FIRE DAMPER | F | B | MANUAL BALANCING DAMPER |
| SMOKE DAMPER | S | D | BACKDRAFT DAMPER |
| MOTORIZED DAMPER | M | C | COMBINATION FIRE/SMOKE DAMPER |

## 3 MP1.1 HVAC SYMBOLS
NTS




## 4 MP1.1 CLEANOUT - FLUSH WITH FINISH FLOOR
NTS




## 5 MP1.1 PIPE HANGER - CLEVIS - 6" AND SMALLER
NTS

- CWV COMBINATION WASTE & VENT
- CA COMPRESSED AIR
- CW DOMESTIC COLD WATER
- H-CW HARD COLD WATER
- S-CW SOFT COLD WATER
- F-CW FILTERED COLD WATER
- RO REVERSE OSMOSIS WATER
- HW HOT WATER
- HW 140° HOT WATER 140°
- HW-R HOT WATER RECIRCULATION
- HW-R 140° HOT WATER RECIRCULATION 140°
- G NATURAL GAS
- PG PROPANE GAS
- GV GREASE VENT
- GW GREASE WASTE
- IW INDIRECT WASTE
- OV OIL VENT
- OW OIL WASTE
- PD PUMP DISCHARGE
- V SANITARY VENT
- S SANITARY SEWER
- SHWR SOLAR HOT WATER RETURN
- SHWS SOLAR HOT WATER SUPPLY
- SD STORM DRAINAGE
- OSD OVERFLOW STORM DRAINAGE

PIPE DROP; PIPE RISE; PIPE TEE; CAP; 4" 4" 2" PLUG; 4" REDUCING 45 DEGREE TEE; 45 DEGREE TEE

**PIPE ACCESSORY TAGS**

- 2" DOM. WM DOMESTIC WATER METER
- 2" M-CNTRL MOTORIZED CONTROL VALVE
- 2" BALANCING BALANCING VALVE
- 2" 3-WAY CNTRL 3 WAY MOTORIZED CONTROL VALVE
- 2" SHUTOFF 1/4 TURN BALL VALVE
- 2" PRV PRESSURE REDUCING VALVE
- 2" CHECK CHECK VALVE
- 3/8" SOLENOID REFRIGERANT SOLENOID VALVE
- 2" TMV 3-WAY MIXING VALVE
- 2" BUTTERFLY BUTTERFLY VALVE
- SHOCK ABSORBER (TYP)

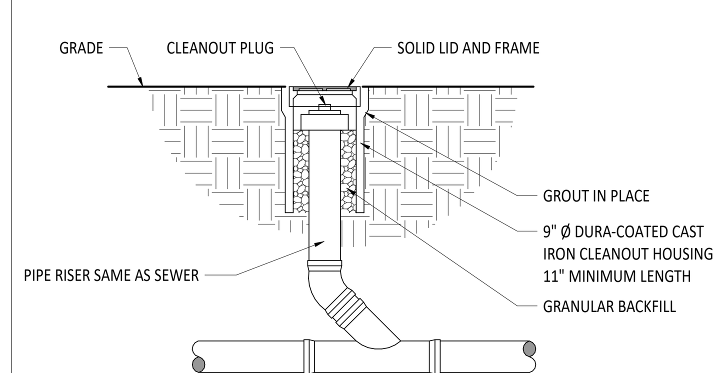
DRAIN SIZE
**DRAIN TAGS**

- FLOOR DRAIN — 4" FD — TYPE (SEE SCHEDULE) — 4" AD-6 — AREA DRAIN
- FLOOR DRAIN — 4" FD-3P — "P" - INDICATES PRIMER CONNECTION — 4" SD-29 — DECK DRAIN
- FLOOR SINK — 3" FS-3 — 4" SD-12 — FLOW CONTROL DRAIN
- HUB DRAIN — 3" FD-13 2 WFU — FIXTURE UNITS — 4" SD-15 — STORM DRAIN - PRIMARY
- VENT THROUGH ROOF — 4" VTR 0 WFU — ROOF AREA SERVED BY DRAIN — 2" SD-1 0 SF — COMBINATION DRAINS

**PLUMBING FIXTURE TAGS**

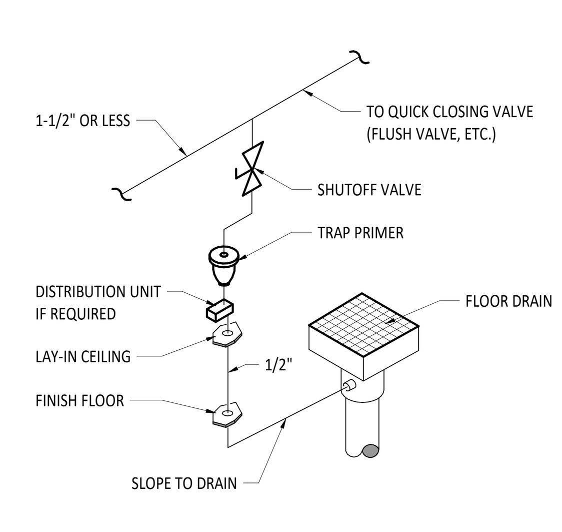
TYPE (SEE SCHEDULE) — L-1; FIXTURE UNITS — 0.75 CWFU 0.75 HWFU; WATER CLOSET - WALL HUNG - ADA - 17"; WC-1; WC; L-1 1 WFU; PIPE ACCESORY TAG; 4" WCO; 4" WCO

## 6 MP1.1 PLUMBING AND PIPING SYMBOLS
1/8" = 1'-0"




**NOTE:**
RODDING HOLES SHALL BE LOCATED ON ALL SANITARY AND STORM SEWERS LEAVING THE BUILDING AT 5'-0" OUTSIDE OF THE BUILDING WALL, AT THE ENDS OF THE SEWERS, AND AS SHOWN ON THE PLANS.

## 7 MP1.1 "RH" RODDING HOLE DETAIL
NTS




## 8 MP1.1 TRAP PRIMER DETAIL
NTS

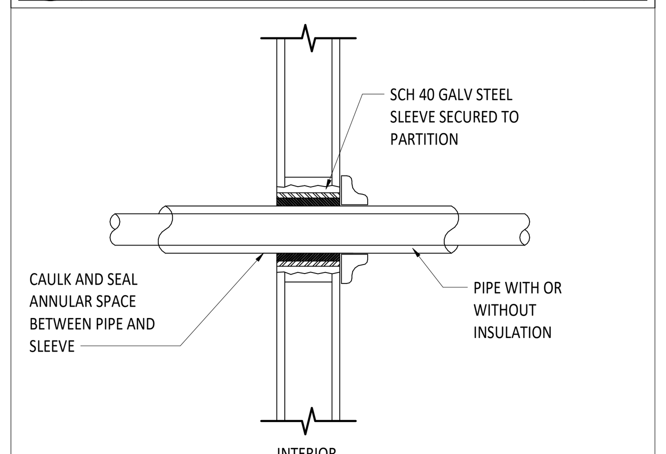
- CHWR CHILLED WATER RETURN
- CHWS CHILLED WATER SUPPLY
- CD CONDENSATE DRAINAGE
- CWR CONDENSER WATER RETURN
- CWS CONDENSER WATER SUPPLY
- HWR HEATING WATER RETURN
- HWS HEATING WATER SUPPLY
- REF-L REFRIGERANT-LIQUID
- REF-S REFRIGERANT-SUCTION
- REF-HG REFRIGERANT-HOT GAS
- STM STEAM
- CDR CONDENSATE RETURN

PIPE DROP; PIPE RISE; PIPE TEE; CAP; 4" 4" 2" PLUG; 4" REDUCING 45 DEGREE TEE; 45 DEGREE TEE

**PIPE ACCESSORY TAGS**

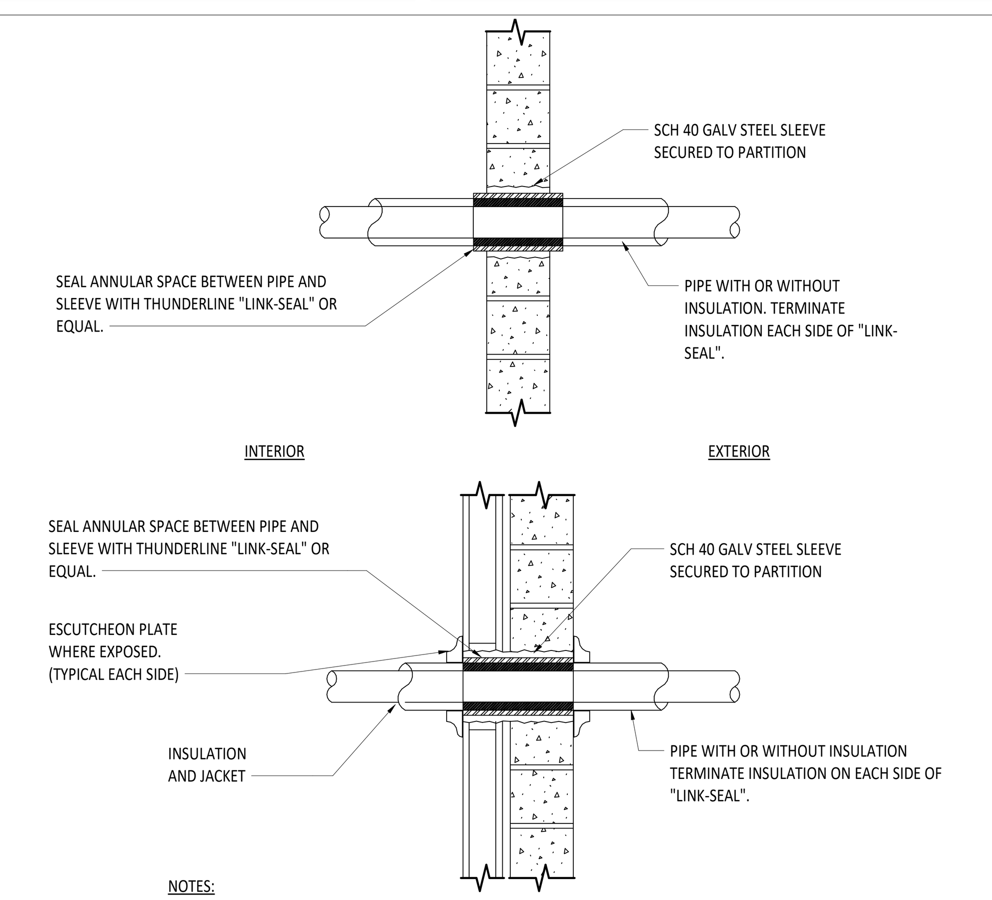
- 2" DOM. WM DOMESTIC WATER METER
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- 2" SHUTOFF 1/4 TURN BALL VALVE
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- 2" BUTTERFLY BUTTERFLY VALVE

## 9 MP1.1 PIPING SYMBOLS
NTS



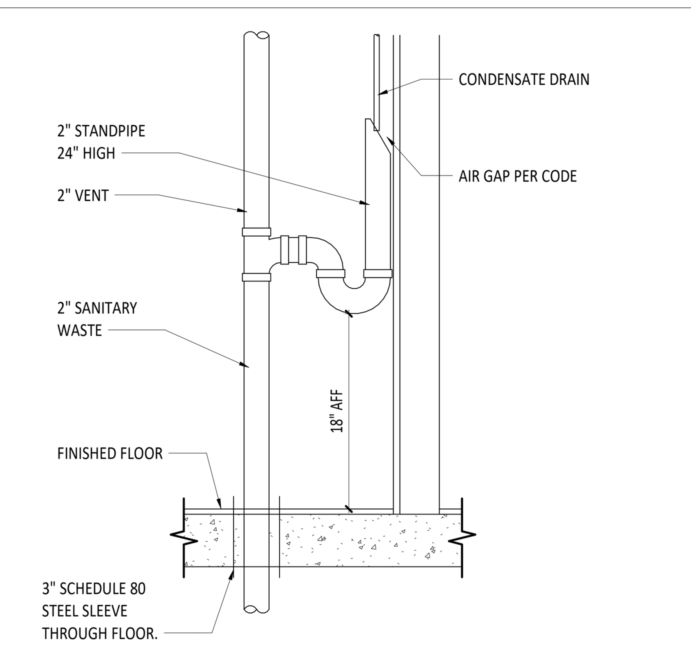

NOTES:
1. TYPICAL FOR NON-INSULATED AND INSULATED PIPE AND CONDUIT.
2. ALL CAULKING AND SEALANT SHALL BE FIRE RATED (SEE SPECIFICATIONS).
3. WHERE PIPING IS EXPOSED AT FINISHED WALL, FLUSH MOUNT SLEEVE AND PROVIDE AN ESCUTCHEON PLATE.

## 11 MP1.1 PIPE PENETRATION THRU INTERIOR WALLS
NTS




NOTES:
1. TYPICAL FOR NON-INSULATED AND INSULATED PIPING AND CONDUIT.
2. TYPICAL FOR MASONRY OR CONCRETE WALL.
3. FOR WALL PENETRATION WITH FIRE RATINGS GREATER THAT (1) HOUR, USE THUNDERLINE "PYRO-PAC" SEALS OR EQUAL.
4. WHERE PIPING EXPOSED AT FINISHED WALL, FLUSH MOUNT SLEEVE, AND PROVIDE AN ESCUTCHEON PLATE.

## 13 MP1.1 PIPE PENETRATION THRU EXTERIOR WALLS
NTS




## 14 MP1.1 STANDPIPE RISER DETAIL
NTS

- REVISION NUMBER - SHOWN ON PLANS
- POINT WHERE NEW CONNECTS TO EXISTING
- NUMBER OF DETAIL ON SHEET
- NUMBER OF SHEET WHERE DETAIL APPEARS
- KEYNOTE
- CONTINUATION SYMBOL
- ROOM NAME 101 — ROOM NAME AND NUMBER
- ITEM TO BE DEMOLISHED
- AREA NOT IN CONTRACT
- 2" PIPE SIZE TAG (DIAMETER)
- ABOVE GROUND PIPING
- 1/8" / 12" SLOPE — PIPE SLOPE TAG
- BELOW GROUND PIPING
- INVERT: 89' - 11" — PIPE INVERT ELEVATION TAG
- (E) EXISTING PIPE TAG
- PIPING BEING DEMOLISHED

## 10 MP1.1 GENERAL PLUMBING SYMBOLS
1/8" = 1'-0"

- REVISION NUMBER - SHOWN ON PLANS
- POINT WHERE NEW CONNECTS TO EXISTING
- NUMBER OF DETAIL ON SHEET
- NUMBER OF SHEET WHERE DETAIL APPEARS
- KEYNOTE
- CONTINUATION SYMBOL
- ROOM NAME 101 — ROOM NAME AND NUMBER
- ITEM TO BE DEMOLISHED
- AREA NOT IN CONTRACT
- 2" PIPE SIZE TAG (DIAMETER)
- ABOVE GROUND PIPING
- 1/8" / 12" SLOPE — PIPE SLOPE TAG
- BELOW GROUND PIPING
- INVERT: 89' - 11" — PIPE INVERT ELEVATION TAG
- (E) EXISTING PIPE TAG
- PIPING BEING DEMOLISHED

## 12 MP1.1 GENERAL MECHANICAL SYMBOLS
NTS

# MECHANICAL/PLUMBING SHEET INDEX

| SHEET NUMBER | SHEET NAME |
|---|---|
| MP1.1 | GENERAL NOTES, ABBREVIATIONS, LEGENDS AND SHEET INDEX |
| MP1.2 | SITE PLUMBING PLAN |
| MP2.1 | MECHANICAL AND PLUMBING PLAN |

**PLUMBING GENERAL NOTES**

A. PROVIDE TRAP PRIMERS FOR FLOOR DRAINS SERVING MECHANICAL ROOMS, MECHANICAL DECKS, EMERGENCY SHOWERS, KITCHEN FLOOR DRAINS, AND AS REQUIRED BY CODE. SUPPLY NEAREST COLD WATER PIPING CONNECTED TO A FLUSH VALVE OR SOLENOID VALVE. SUPPLY PIPING SHALL BE 1/2" VALVED COLD WATER LINE. REFERENCE DETAIL FOR ADDITIONAL INFORMATION.
B. VERIFY INVERT ELEVATIONS ON UNDERGROUND SANITARY, STORM AND OTHER UTILITIES. COORDINATE DEPTHS WITH THE BUILDING CONSTRUCTION AND ALL OTHER UTILITIES INSIDE AND OUTSIDE OF THE BUILDING.
C. ALL STORM, SANITARY AND VENT PIPING IN CHASE EXPOSED TO THE PLENUM AND ABOVE CEILING WHERE PLENUM IS USED FOR RETURN AIR SHALL BE CAST IRON. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
D. ALL FINAL GAS CONNECTIONS SHALL BE MADE WITH FLEXIBLE STAINLESS STEEL PIPE OR RIDGED PIPE WITH UNION, SHUT-OFF VALVE AND DIRT LEG. REFERENCE DETAIL FOR ADDITIONAL INFORMATION.
E. ALL WASTE AND VENT PIPING SERVING PLUMBING FIXTURES DISCHARGING 140°F WATER OR HIGHER SHALL BE CAST IRON SCHEDULE 40 PIPE.
F. PITCH UNDERFLOOR SANITARY WASTE AND STORM PIPING 3" AND GREATER AT 1/8" PER FOOT, UNLESS NOTED OTHERWISE. PITCH ALL OTHER WASTE PIPING AT 1/4" PER FOOT UNLESS OTHERWISE NOTED.
G. WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.
H. ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY SEWER, AND STORM SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFEREREnce CIVIL PLANS.
I. PROVIDE CLEANOUT IN ACCESSIBLE LOCATION AT THE BASE OF ALL PLUMBING SANITARY AND STORM RISERS.
J. WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK.
K. FIRE SEAL AROUND PIPING PENETRATIONS OF FIRE RATED WALLS. REFERERNCE SPECIFICATION.
L. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
M. FIELD VERIFY ALL NEW WATER, WASTE, AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.

**HVAC GENERAL NOTES**

A. REMOVE ALL UNUSED PIPING, DUCTWORK AND ACCESSORIES. DISPOSE OF THESE ITEMS OFF SITE.
B. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING, PRIOR TO FINAL BID, ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN SCOPE AREA AND WITHIN CLOSE PROXIMITY OF THE SCOPE AREA.
C. DIVISION 23 MECHANICAL CONTRACTOR IS REQUIRED TO COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
D. ANY BALANCING DAMPERS OR OTHER DEVICES IN DUCTS ABOVE HARD CEILINGS SHALL BE LOCATED ABOVE NEAREST ACCESSIBLE CEILING.
E. THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE FILTERS ON HVAC EQUIPMENT AFTER ALL DUST PRODUCING CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO THE FINAL PUNCH.
F. LOCATE DUCTWORK AND MECHANICAL EQUIPMENT AWAY FROM THE SPACE ABOVE ELECTRICAL PANELS. TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT.
G. FIRE SEAL AROUND DUCT PENETRATIONS OF FIRE RATED WALLS. REFER TO SPECIFICATION.
H. PROVIDE SLEEVES AND/OR OPENINGS TO RUN DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
I. CONTRACTOR SHALL LOCATE THERMOSTATS AND TEMPERATURE SENSORS AT 3'-8" AFF, A MINIMUM OF 4" FROM LIGHT SWITCH.
J. CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPING SHALL BE TYPE "L" COPPER.
K. ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE.
L. WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.
M. COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, AND EQUIPMENT TO PREVENT CONFLICTS.
N. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AS WELL AS THOSE WHICH CAN BE REASONABLY ANTICIPATED INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.
O. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE.
P. ADJUST PIPING AND DUCTWORK SIZES TO PROPERLY CONNECT TO MECHANICAL EQUIPMENT.
Q. PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
R. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
S. LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD. CONSULT ENGINEER IF MANUFACTURER'S MINIMUM CLEARANCE REQUIRED CAN'T BE MAINTAINED.
T. INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS, WHERE NOT OTHERWISE NOTED ON DRAWINGS.

STATE OF OHIO — ANDREW P. HUELSMAN E-78372 — REGISTERED PROFESSIONAL ENGINEER

ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
creategm.com

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

230 WILLIAM ST - FORT RECOVERY, OH 45846

ISSUANCES/REVISIONS

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | CME | MAK |

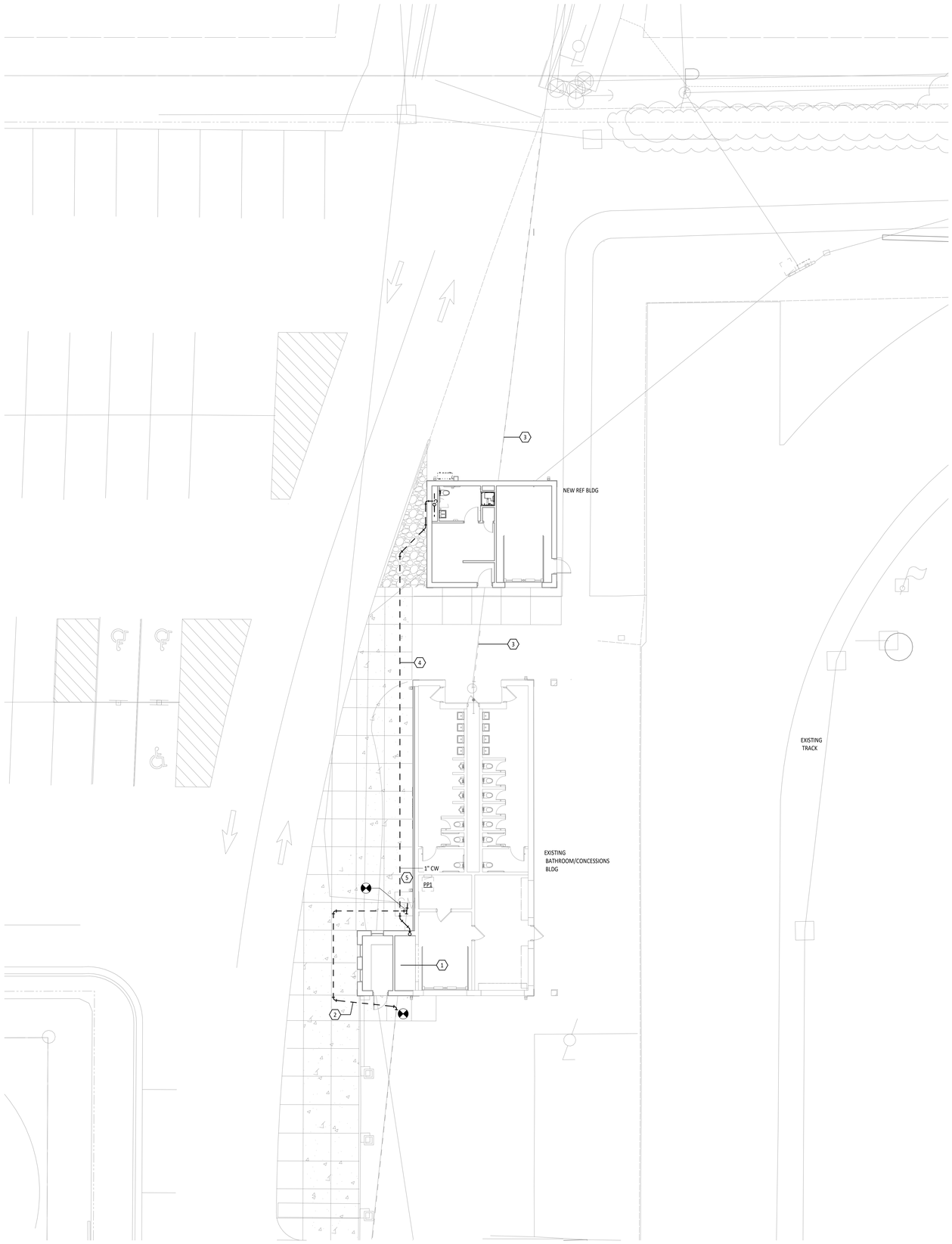
SHEET TITLE:

**GENERAL NOTES, ABBREVIATIONS, LEGENDS AND SHEET INDEX**

SHEET NUMBER:

**MP1.1**

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**KEYNOTE LEGEND**

| # | KEYNOTE DESCRIPTION |
|---|---|
| 1 | APPROXIMATE LOCATION OF EXISTING GAS LINE, GAS LINE SHALL BE REMOVED AS REQUIRED FOR ADDITION. ROUTE NEW GAS LINE AROUND NEW STRUCTURE. COORDINATE EXACT SIZE, TYPE, AND LOCATION IN THE FIELD. |
| 2 | PROPOSED LOCATION OF NEW GAS LINE. COORDINATE EXACT SIZE, TYPE, AND LOCATION IN THE FIELD. |
| 3 | APPROXIMATE LOCATION OF EXISTING SANITARY LINE, SANITARY LINE SHALL BE REMOVED AS REQUIRED FOR NEW BUILDING. ROUTE NEW SANITARY LINE AROUND STRUCTURE. REFER TO CIVIL PLANS. COORDINATE EXACT SIZE, TYPE, AND LOCATION IN THE FIELD. |
| 4 | CONNECT DOMESTIC WATER FOR REFEREE BUILDING TO EXISTING CONCESSION STAND. ROUTE DOMESTIC WATER UNDERGROUND AT THE APPROXIMATE LOCATION. COORDINATE EXACT SIZE, TYPE, AND LOCATION IN THE FIELD. |
| 5 | APPROXIMATE LOCATION OF EXISTING GAS METER. EXISTING GAS METER WILL REMAIN AND SHALL BE PROTECTED DURING CONSTRUCTION. COORDINATE EXACT LOCATION ON SITE. |

1 / MP1.2 **PLUMBING SITE PLAN**
1" = 10'-0"

N

STATE OF OHIO
ANDREW P. HUELSMAN
E-78372
REGISTERED
PROFESSIONAL ENGINEER

ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
cmehgm.com

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

1 320 WILLIAM ST - FORT RECOVERY, OH 45846

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | CME | MAK |

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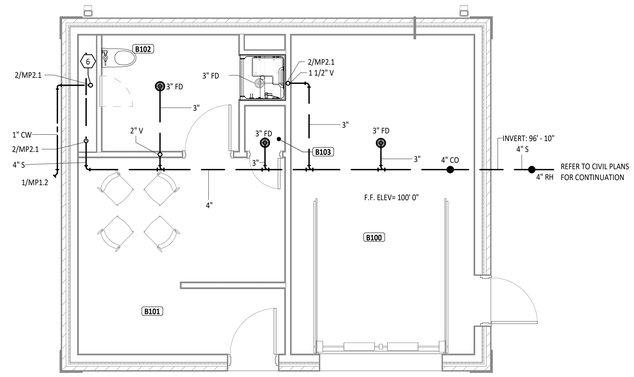
**SITE PLUMBING PLAN**

SHEET NUMBER:

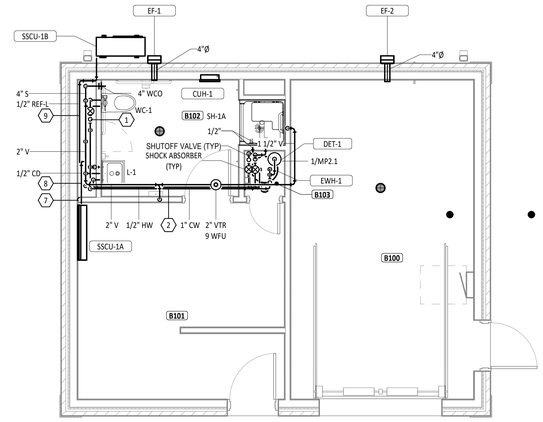
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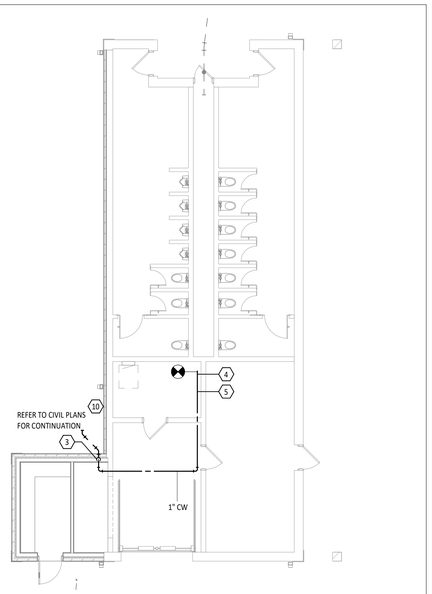
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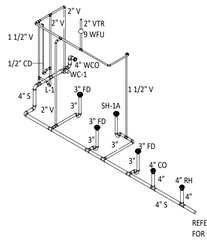

1 MP2.1 **UNDER-SLAB PLUMBING PLAN - REFEREE LOCKER ROOM**
1/4" = 1'-0"



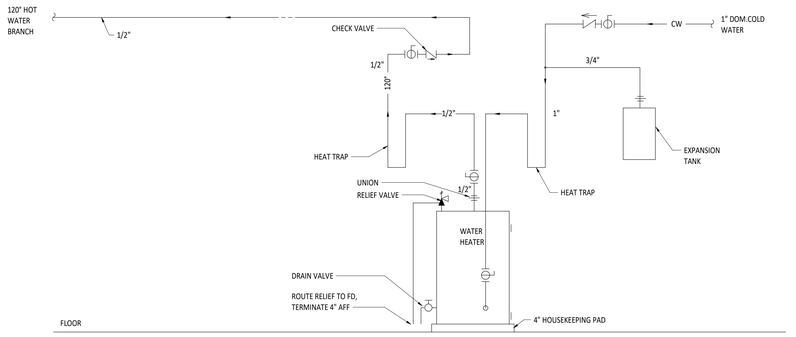

2 MP2.1 **FIRST FLOOR PLUMBING PLAN - REFEREE LOCKER ROOM**
1/4" = 1'-0"




3 MP2.1 **PLUMBING PLAN-EXISTING CONCESSION STAND/NEW TICKET BOOTH**
1/8" = 1'-0"




4 MP2.1 **REFEREE LOCKER ROOM- PLUMBING WASTE AND VENT RISER DIAGRAM**
NTS




5 MP2.1 **WATER HEATER PIPING DETAIL**
NTS

**FIRST FLOOR PLAN ROOM INDEX - UNIT B**

| ROOM NUMBER | ROOM NAME | AREA |
|---|---|---|
| B100 | STORAGE | 249 SF |
| B101 | REFEREE LOCKER ROOM | 170 SF |
| B102 | RESTROOM/SHOWER | 77 SF |
| B103 | CLOSET | 8 SF |

**PLUMBING GENERAL NOTES**

A PROVIDE TRAP PRIMERS FOR FLOOR DRAINS SERVING MECHANICAL ROOMS, MECHANICAL DECKS, EMERGENCY SHOWERS, KITCHEN FLOOR DRAINS, AND AS REQUIRED BY CODE. SUPPLY NEAREST COLD WATER PIPING CONNECTED TO A FLUSH VALVE OR SOLENOID VALVE. SUPPLY PIPING SHALL BE 1/2" VALVED COLD WATER LINE. REFERENCE DETAIL FOR ADDITIONAL INFORMATION.

B VERIFY INVERT ELEVATIONS ON UNDERGROUND SANITARY, STORM AND OTHER UTILITIES. COORDINATE DEPTHS WITH THE BUILDING CONSTRUCTION AND ALL OTHER UTILITIES INSIDE AND OUTSIDE OF THE BUILDING.

C ALL STORM, SANITARY AND VENT PIPING IN CHASE EXPOSED TO THE PLENUM AND ABOVE CEILING WHERE PLENUM IS USED FOR RETURN AIR SHALL BE CAST IRON. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

D ALL FINAL GAS CONNECTIONS SHALL BE MADE WITH FLEXIBLE STAINLESS STEEL PIPE OR RIDGED PIPE WITH UNION, SHUT-OFF VALVE AND DIRT LEG. REFERENCE DETAIL FOR ADDITIONAL INFORMATION.

E ALL WASTE AND VENT PIPING SERVING PLUMBING FIXTURES DISCHARGING 140°F WATER OR HIGHER SHALL BE CAST IRON SCHEDULE 40 PIPE.

F PITCH UNDERFLOOR SANITARY WASTE AND STORM PIPING 3" AND GREATER AT 1/8" PER FOOT, UNLESS NOTED OTHERWISE. PITCH ALL OTHER WASTE PIPING AT 1/4" PER FOOT UNLESS OTHERWISE NOTED.

G WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.

H ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY SEWER, AND STORM SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFERERENCE CIVIL PLANS.

I PROVIDE CLEANOUT IN ACCESSIBLE LOCATION AT THE BASE OF ALL PLUMBING SANITARY AND STORM RISERS.

J WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK.

K FIRE SEAL AROUND PIPING PENETRATIONS OF FIRE RATED WALLS. REFERERNCE SPECIFICATION.

L PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.

M FIELD VERIFY ALL NEW WATER, WASTE, AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.

**HVAC GENERAL NOTES**

A REMOVE ALL UNUSED PIPING, DUCTWORK AND ACCESSORIES. DISPOSE OF THESE ITEMS OFF SITE.

B THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING, PRIOR TO FINAL BID, ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN SCOPE AREA AND WITHIN CLOSE PROXIMITY OF THE SCOPE AREA.

C DIVISION 23 MECHANICAL CONTRACTOR IS REQUIRED TO COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.

D ANY BALANCING DAMPERS OR OTHER DEVICES IN DUCTS ABOVE HARD CEILINGS SHALL BE LOCATED ABOVE NEAREST ACCESSIBLE CEILING.

E THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE FILTERS ON HVAC EQUIPMENT AFTER ALL DUST PRODUCING CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO THE FINAL PUNCH.

F LOCATE DUCTWORK AND MECHANICAL EQUIPMENT AWAY FROM THE SPACE ABOVE ELECTRICAL PANELS. TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT.

G FIRE SEAL AROUND DUCT PENETRATIONS OF FIRE RATED WALLS. REFER TO SPECIFICATION.

H PROVIDE SLEEVES AND/OR OPENINGS TO RUN DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.

I CONTRACTOR SHALL LOCATE THERMOSTATS AND TEMPERATURE SENSORS AT 3'-8" AFF, A MINIMUM OF 4" FROM LIGHT SWITCH.

J CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPING SHALL BE TYPE "L" COPPER.

K ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE.

L WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.

M COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, AND EQUIPMENT TO PREVENT CONFLICTS.

N THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AS WELL AS THOSE WHICH CAN BE REASONABLY ANTICIPATED INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.

O FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE.

P ADJUST PIPING AND DUCTWORK SIZES TO PROPERLY CONNECT TO MECHANICAL EQUIPMENT.

Q PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.

R INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.

S LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD. CONSULT ENGINEER IF MANUFACTURER'S MINIMUM CLEARANCE REQUIRED CAN'T BE MAINTAINED.

T INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS, WHERE NOT OTHERWISE NOTED ON DRAWINGS.

| # | KEYNOTE DESCRIPTION |
|---|---|
| 1 | PROVIDE DRAIN VALVE WITH HOSE CONNECTION. LOCATE IN A MANNER THAT IS EASILY ACCESSIBLE FROM THE ACCESS PANEL. COORDINATE WORK WITH GENERAL CONTRACTOR. |
| 2 | ROUTE PIPING THROUGH BULKHEAD. COORDINATE WORK WITH GENERAL CONTRACTOR. |
| 3 | PIPING TO BE ROUTED BELOW GRADE AND OVER TO THE NEW REFEREE BUILDING AT THE APPROXIMATE LOCATION SHOWN. COORDINATE LOCATION ON SITE. |
| 4 | DIVISION 22 PLUMBER SHALL CONNECT INTO EXISTING CONCESSIONS BUILDING WATER SUPPLY AFTER THE WATER METER AT THE APPROXIMATE LOCATION SHOWN. ROUTE OVERHEAD AS SHOWN. INSULATE AND LABEL PER SPECIFICATIONS. COORDINATE EXACT SIZE, TYPE, AND LOCATION ON SITE. |
| 5 | DIVISION 22 PLUMBER TO PROVIDE SHUTOFF VALVE AND VALVE TAG THAT READS: TO REFEREE BUILDING. COORDINATE EXACT LOCATION ON SITE. |
| 6 | PIPING TO BE ROUTED UP THROUGH SLAB AT THE APPROXIMATE LOCATION SHOWN. COORDINATED EXACT LOCATION ON SITE. |
| 7 | REFRIGERANT PIPING TO BE SIZED AND ROUTED PER MANUFACTURERS RECOMMENDATION. |
| 8 | CONDENSATE PIPING TO BE ROUTED WITHIN STUD WALL THEN WITHIN CHASE AND ROUTED TO STANDPIPE LOCATED IN CHASE. |
| 9 | REFRIGERANT PIPING TO BE ROUTED WITHIN CHASE THEN WITHIN STUD WALL TO UNIT. |
| 10 | APPROXIMATE LOCATION OF EXISTING GAS METER. EXISTING GAS METER WILL REMAIN AND SHALL BE PROTECTED DURING CONSTRUCTION. COORDINATE EXACT LOCATION ON SITE. |

**FLOOR DRAIN SCHEDULE**

| ID | DESCRIPTION | MANUFACTURER | MODEL | QTY | MATERIAL DESCRIPTION: DRAIN BODY | MATERIAL DESCRIPTION: STRAINER | WASTE: PIPE SIZE | VENT: PIPE SIZE | PRIMER: PIPE SIZE | SPECIFICATION |
|---|---|---|---|---|---|---|---|---|---|---|
| FD | FLOOR DRAIN | ZURN | ZN415-BZ1 | 4 | EPOXY COATED CAST IRON | NICKEL BRONZE | 3" | 2" | --- | EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY & SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, AND NO HUB OUTLET. |

**ELECTRIC WATER HEATER SCHEDULE**

| ID | LOCATION: NAME | LOCATION: NO. | MANUFACTURER | MODEL NO. | TYPE | ELECTRIC HEAT EXCHANGER: HEATING CAP | WATERSIDE: STORAGE: RECOVERY | WATERSIDE: STORAGE: VOL | WATERSIDE: MAX TEMP RISE | ELECTRIC HEAT EXCHANGER: HEATING ELEMENT: QTY | HEATING ELEMENT: POWER | HEATING ELEMENT: SCR | EF | UNIT WEIGHT | FLA | MCA | MOCP | VOLT | PH | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EWH-1 | CLOSET | A200 | BRADFORD WHITE | RE240LN6 | TANK | 4.5 kW | 19.0 gal/h | 37.0 gal | 100 °F | 1 | 4.5 kW | Yes | 1 | 126 lb | 19 A | 23 A | 25 A | 240 V | 1 | PROVIDE ASSE 1017 COMPLIANT MIXING VALVE; POWERS SERIES LFSH OR EQUAL. |

**CLEAN OUT SCHEDULE**

| ID | DESCRIPTION | MANUFACTURER | MODEL | QTY | MATERIAL | FINISH DESCRIPTION | PIPE ACCESSORY DIAMETER | SPECIFICATION |
|---|---|---|---|---|---|---|---|---|
| CO | FLOOR CLEANOUT | ZURN | ZN1400-BZ1 | 1 | DURA- COATED CAST IRON | POLISHED NICKEL BRONZE | 4" | ROUND FLOOR CLEAN OUT WITH ADJUSTABLE COVER, THREADED CONNECTION, GAS AND WATER TIGHT SEAL. COVER TO BE FLUSH WITH FINISHED FLOOR. |
| RH | RODDING HOLE | ZURN | Z1474 | 1 | CAST IRON | CAST IRON | 4" | ROUND FRAME WITH SOLID TOP COVER. SET COVER FLUSH WITH GRADE. REFER TO DETAIL FOR ADDITIONAL INFORMATION. |
| WCO | WALL CLEANOUT | ZURN | Z1446 | 1 | DURA- COATED CAST IRON | POLISHED STAINLESS STEEL | 4" | 9" ROUND WALL CLEAN OUT WITH SMOOTH STAINLESS STEEL WALL COVER, THREADED CONNECTION, GAS AND WATER TIGHT SEAL. PLACE AT 2'0" AFF. |

**WALL MOUNTED HEAT PUMP SCHEDULE**

| ID | MANUFACTURER | MODEL NO. | TYPE | FAN: DESIGN AIRFLOW | COOLING COIL: NOMINAL CAP | COOLING COIL: CAP: TOTAL | COOLING COIL: AIRSIDE: EAT(db) | COOLING COIL: AIRSIDE: EAT(wb) | HEATING COIL: CAP | HEATING COIL: AIRSIDE: EAT(db) | HEATING COIL: AIRSIDE: LAT(db) | UNIT WEIGHT | MCA | MOCP | VOLT | PH | INTERLOCK: ID | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SSCU-1A | DAIKIN | FTXV18AVJU9 | HEAT PUMP | 226 CFM | 1.5 ton | 18000 Btu/h | 95.0 °F | 80.0 °F | 21600 Btu/h | 47.0 °F | 70.0 °F | 27 lb | 0.5 A | 15 A | 208 V | 1 | SSCU-1B | PROVIDE WIRED THERMOSTAT. INDOOR UNIT SHALL BE POWERED FROM OUTDOOR UNIT |

**EXHAUST FAN SCHEDULE**

| ID | MANUFACTURER | MODEL NO. | TYPE | ARRANGEMENT | FAN: AIRFLOW DESIGN | FAN: PRESS ESP | FAN: RPM | FAN: DRIVE TYPE | FAN: MOTOR POWER | UNIT WEIGHT | FLA | VOLT | PH | CONTROL: SPEED CONTROLLER | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EF-1 | FANTECH | RVF4XL | CENTRIFUGAL | HORIZONTAL | 75 CFM | 0.25 in-wg | 2680 | DIRECT | 0.09 hp | 7.4 lb | 0.6 A | 120 V | 1 | NO | CONTROLLED WITH DIV. 26 TIMER SWITCH. PROVIDE ACCESSORY GRILLE EQUAL TO MGE 4 AND BACKDRAFT DAMPER EQUAL TO RSK 4. MOUNT AT 9'0" AFF. |
| EF-2 | FANTECH | RVF4XL | CENTRIFUGAL | HORIZONTAL | 75 CFM | 0.25 in-wg | 2680 | DIRECT | 0.09 hp | 7.4 lb | 0.6 A | 120 V | 1 | NO | CONTROLLED WITH DIV. 26 TIMER SWITCH. PROVIDE ACCESSORY GRILLE EQUAL TO MGE 4 AND BACKDRAFT DAMPER EQUAL TO RSK 4. MOUNT AT 9'0" AFF. |

**SPLIT SYSTEM CONDENSING UNIT SCHEDULE**

| ID | DESCRIPTION | MANUFACTURER | MODEL NO. | TYPE | COMPRESSOR: CAP | COMPRESSOR: REFRIGERANT TYPE | COMPRESSOR: LOW AMBIENT KIT | MAX DESIGN PIPE LENGTH | SEER | EER | MCA | MOCP | VOLT | PH | INTERLOCK: ID | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SSCU-1B | SPLIT-SYSTEM CONDENSING UNIT | DAIKIN | RXT18AVJU9 | HEAT PUMP | 1.5 ton | R-32 | No | 99' | 21 | 12 | 21.4 A | 25 A | 208 V | 1 | SSCU-A101a | MOUNT TO EXTERIOR WITH WALL BRACKET. MOUNT ON NEOPRENE PADS. |

**DOMESTIC EXPANSION TANK SCHEDULE**

| ID | MANUFACTURER | MODEL | TANK VOLUME | ACCEPTANCE VOLUME | PRESS RELIEF | DIMENSIONS: DIAMETER | DIMENSIONS: HEIGHT | UNIT WEIGHT | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| DET-1 | Amtrol | ST-5-C | 2.1 gal | 0.9 gal | 150 psi | 0' - 8" | 1' - 1" | 10 lb | |

**CABINET UNIT HEATER SCHEDULE**

| ID | MANUFACTURER | MODEL | TYPE | FAN: AIRFLOW | FAN: MOTOR: QTY | FAN: MOTOR: POWER | HEATING COIL: CAP | FLA | VOLT | PH | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CUH-1 | BROAN | 192 | WALL MOUNTED | 340 CFM | 1 | 2.01 hp | 6827 Btu/h | 8.30 A | 240 V | 1 | PROVIDE WITH UNIT MOUNTED DISCONNECT. PROVIDE UNIT MOUNTED THERMOSTAT. PROVIDE WITH MANUFACTURER MOUNTING BRACKET. |

**DOMESTIC FIXTURE SCHEDULE**

| ID | DESCRIPTION | MANUFACTURER | MODEL | QTY | TRIM: MATERIAL DESCRIPTION | TRIM: FINISH | TRIM: MOUNTING HEIGHT | TRIM: DEPTH | TRIM: ADA | FLOW FIXTURE: MANUFACTURER | FLOW FIXTURE: MODEL | FLOW FIXTURE: TYPE | FLOW FIXTURE: MOTION SENSOR CONTROL | FLOW FIXTURE: WATER FLOW | FLOW FIXTURE: COLD WATER TEMP. | FLOW FIXTURE: HOT WATER TEMP. | FLOW FIXTURE: MAX. MIXED WATER TEMP. | FLUSH FIXTURE: VOL. PER FLUSH | FLUSH FIXTURE: MIN. VOL. PER FLUSH | WASTE ROUGH-IN PIPE SIZE | INDIRECT WASTE PIPE SIZE | VENT PIPE SIZE | COLD WATER ROUGH-IN PIPE SIZE | HOT WATER ROUGH-IN PIPE SIZE | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L-1 | LAVATORY - WALL HUNG - ADA | ZURN | Z5340 | 1 | WHITE VITREOUS CHINA | WHITE | 34" TO RIM | 0' - 4 1/4" | Yes | ZURN | Z81104-XL-TMV | MANUAL | No | 0.35 GPM | 40 °F | 120 °F | 105 °F | | | --- | 2" | --- | 1/2" | 1/2" | LAVATORY: WALL HUNG LAVATORY, CONCEALED ARM SUPPORTS, REAR OVERFLOW, FAUCET LEDGE, 4" CENTERS, GRID STRAINER. FAUCET: DECK-MOUNTED FAUCET, VANDAL RESISTANT SPRAY, EXTERNAL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE, GRID DRAIN, ANGLE STOPS AND SUPPLIES. INSULATE WATER AND WASTE WITH ADA INSULATION KIT. MOUNT AT ADA COMPLIANT HEIGHT. | |
| SH-1A | SHOWER - ADA | AQUATIC | 1363BFSCST-WH | 1 | WHITE VITREOUS CHINA | WHITE | 75" | 0' - 6 1/2" | Yes | ZURN | Z7300-SSC-HW11-MT-VB | MANUAL | No | 1.00 GPM | 40 °F | 120 °F | 105 °F | | | --- | 2" | --- | 1/2" | 1/2" | SHOWER INSERT: ONE PIECE SHOWER COMPARTMENT, 36" x 36" ID x 75" TALL. CENTER LOCATED CHROME DRAIN,ASSE 1013 COMPLIANT THERMOSTATIC MIXING VALVE WITH SINGLE LEVER HANDLE CONTROL, LIMIT STOPS, 1.5 GPM FLOW CONTROL, DIVERTER VALVE, 60" STAINLESS STEEL FLEXIBLE HOSE WITH ADA SHOWERHEAD. PROVIDE ACCESSORY ITEMS INCLUDING ADA GRAB BARS, ADA FOLD DOWN SEAT, SHOWER CURTAIN AND HANGER ROD. | |
| WC-1 | WATER CLOSET - WALL HUNG - ADA - 17" | ZURN | Z5615-BWL | 1 | WHITE VITREOUS CHINA | WHITE | 17" TO RIM | | Yes | ZURN | Z6000 | MANUAL | No | | 40 °F | | 40 °F | 1.28 gal | 1.28 gal | 4" | --- | 2" | 1" | | WATER CLOSET: ELONGATED WALL HUNG WATER CLOSET, 1-1/2" TOP SPUD, CARRIER, ULTRA LOW CONSUMPTION, ELONGATED SIPHON ACTION JETTED BOWL. FLUSH VALVE: EXPOSED, QUIET CLOG RESISTANT DIAPHRAGM-TYPE, ULTRA LOW CONSUMPTION, MANUAL FLUSH OVERRIDE. | |

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STATE OF OHIO
ANDREW P. HUELSMAN
E-78372
REGISTERED
PROFESSIONAL ENGINEER

ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2027

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

230 WILLIAM ST - FORT RECOVERY, OH 45846

| ISSUANCES/REVISIONS | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | CME | MAK |

SHEET TITLE:
**MECHANICAL AND PLUMBING PLAN**

SHEET NUMBER:
**MP2.1**

PRINTED ON: 11/11/2026 7:20:20 AM

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- NOTE:

| | |
|---|---|
| | ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW. |

A

| | |
|---|---|
| A | AMPS, AMPERE, AMPERAGE |
| A/V | AUDIO/VISUAL |
| AC | ABOVE COUNTER |
| ac | ALTERNATING CURRENT |
| ADA | AMERICANS WITH DISABILITIES ACT |
| AFF | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |
| AIC | AVAILABLE INTERRUPTING CURRENT |
| AL | ALUMINUM |
| ATS | AUTOMATIC TRANSFER SWITCH |
| AWG | AMERICAN WIRE GAUGE |

B

| | |
|---|---|
| BKR | BREAKER |
| BTM | BOTTOM |

C

| | |
|---|---|
| C | CONDUIT |
| CB | CIRCUIT BREAKER |
| CCT | CORRELATED COLOR TEMPERATURE |
| CCTV | CLOSED CIRCUIT TELEVISION |
| CKT | CIRCUIT |
| CRI | COLOR RENDERING INDEX |
| CU | COPPER |

D

| | |
|---|---|
| dc | DIRECT CURRENT |
| DIA | DIAMETER |

E

| | |
|---|---|
| EC | ELECTRICAL CONTRACTOR |
| EM | EMERGENCY |
| EMT | ELECTRICAL METALLIC TUBING |
| EX | EXISTING |

F

| | |
|---|---|
| FA | FIRE ALARM |
| FAA | FIRE ALARM ANNUNCIATOR |
| FACP | FIRE ALARM CONTROL PANEL |
| FDR | FEEDER |
| FLA | FULL LOAD AMPS |
| FUT | FUTURE |

G

| | |
|---|---|
| GEN | GENERATOR |
| GFI OR GFCI | GROUND FAULT CIRCUIT INTERRUPTER |
| GFP OR GFPE | GROUND FAULT PROTECTION OF EQUIPMENT |
| GND | GROUND |

H

| | |
|---|---|
| HOA | HAND-OFF-AUTO |
| HP | HORSEPOWER |
| HT | HEIGHT |

I

| | |
|---|---|
| IEEE | INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS |
| IG | ISOLATED GROUND |

K

| | |
|---|---|
| KCMIL | THOUSAND CIRCULAR MILS |
| KV | KILOVOLT |
| KVA | KILOVOLT AMPS |

| | |
|---|---|
| KVAR | KILOVOLT AMPS REACTIVE |
| KW | KILOWATT |
| KWH | KILOWATT HOUR |

L

| | |
|---|---|
| LOC | LOCATION |
| LSIG | LONG TIME, SHORT TIME, INSTANTANEOUS, AND GROUND FAULT PROTECTION |

M

| | |
|---|---|
| mA | MILLIAMPS |
| MAX | MAXIMUM |
| MCA | MINIMUM CIRCUIT AMPACITY |
| MCC | MOTOR CONTROL CENTER |
| MH | MOUNTING HEIGHT |
| MIN | MINIMUM |
| MTD | MOUNTED |
| MTS | MANUAL TRANSFER SWITCH |

N

| | |
|---|---|
| N/A | NOT APPLICABLE |
| NC | NORMALLY CLOSED |
| NEC | NATIONAL ELECTRICAL CODE |
| NEMA | NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION |
| NEUT | NEUTRAL |
| NFPA | NATIONAL FIRE PROTECTION ASSOCIATION |
| NIC | NOT IN CONTRACT |
| NL | NIGHT LIGHT |
| NO | NORMALLY OPEN |
| NTS | NOT TO SCALE |

O

| | |
|---|---|
| OH | OVERHEAD |

P

| | |
|---|---|
| P | POLE |
| PA | PUBLIC ADDRESS |
| PC | PHOTOCELL |
| PH | PHASE |
| PVC | POLYVINYL CHLORIDE |

R

| | |
|---|---|
| RGS | RIGID GALVANIZED STEEL |

S

| | |
|---|---|
| SPD | SURGE PROTECTION DEVICE |
| SW | SWITCH |

T

| | |
|---|---|
| TEMP | TEMPORARY |
| TV | TELEVISION |
| TVSS | TRANSIENT VOLTAGE SURGE SUPPRESSOR |
| TYP | TYPICAL |

U

| | |
|---|---|
| UG | UNDERGROUND |
| UL | UNDERWRITERS' LABORATORIES |
| UNO | UNLESS NOTED OTHERWISE |
| UPS | UNINTERRUPTABLE POWER SUPPLY |

V

| | |
|---|---|
| V | VOLTS, VOLTAGE |
| VFD | VARIABLE FREQUENCY DRIVE |

W

| | |
|---|---|
| W | WIRE |
| WG | WIRE GUARD |
| WP | WEATHER PROOF |

X

| | |
|---|---|
| XFMR | TRANSFORMER |

**ABBREVIATIONS**

## GENERAL ELCTRICAL DRAWING SYMBOLS

| SYMBOL | DESCRIPTION |
|---|---|
| X | KEYED NOTE REFERENCE |
| 2 A | REVISION CLOUD AND NUMBER - SHOWN ON PLANS |
| | CONTINUATION SYMBOL |
| | VIEW REFERENCE BUBBLE<br>TOP: NUMBER OF DETAIL ON SHEET<br>BOTTOM: DRAWING NUMBER WHERE DETAIL APPEARS |
| FOYER 101 | ROOM NAME AND NUMBER |
| | RECEPTACLE, SOLID HATCH INDICATES DEVICE CONNECTED TO EMERGENCY POWER. PROVIDE RED DEVICE WITH COVERPLATE TO MATCH REST OF ROOM. |
| A a | LUMINAIRE, SOLID HATCH INDICATES LIGHT FIXTURE CONNECTED TO EMERGENCY CIRCUIT. HATCH WILL BE MODIFIED FOR EACH FIXTURE TYPE.<br>TOP: CAPITAL LETTER INDICATES FIXTURE TYPE<br>BOTTOM: LOWERCASE LETTER INDICATES SWITCHING |
| $3 $a | TOP: INDICATES SWITCH TYPE<br>BOTTOM: LOWERCASE LETTER INDICATES LUMINAIRE(S) TO BE CONTROLLED |

## DEMOLITION (IF APPLICABLE)

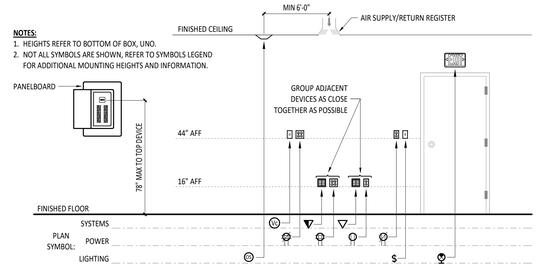
| SYMBOL | DESCRIPTION |
|---|---|
| | DASHED AND/OR BOLD SYMBOL INDICATES DEVICE OR EQUIPMENT TO BE REMOVED, UNLESS NOTED OTHERWISE. |
| | SOLID SYMBOL, LIGHTER IN COLOR INDICATES DEVICE OR EQUIPMENT TO REMAIN. |

## CIRCUIT AND RACEWAY SYMBOLS

| SYMBOL | DESCRIPTION |
|---|---|
| | TICK MARKS INDICATE CIRCUIT CONDUCTORS<br>SHORT = HOT CONDUCTOR<br>LONG = NEUTRAL CONDUCTOR<br>CURVED = GROUND CONDUCTOR |
| | CIRCUIT CONCEALED IN CEILING, WALL, OR FLOOR OF NEW CONSTRUCTION. CONCEALED WHERE POSSIBLE IN AREAS OF OPEN STRUCTURE OR EXISTING CONSTRUCTION. |
| | INDICATES CONCEALED CONDUIT UNDERGROUND/UNDERFLOOR. |
| | HOME RUN TO PANEL OR LOCATION INDICATED |
| | CONDUIT STUB OUT WITH NYLON BUSHING ON END OF CONDUIT |
| | CONDUIT TURNED UP |
| | CONDUIT TURNED DOWN |
| | GROUNDING CONNECTION |

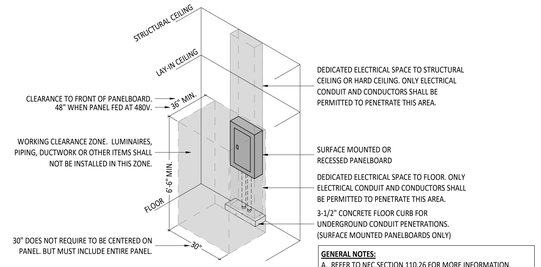
## ELECTRICAL SYMBOLS

| SYMBOL | DESCRIPTION | M.H. UNO |
|---|---|---|
| | CT CABINET | VARIES |
| | NON-FUSED DISCONNECT SWITCH. | VARIES |
| | METER BASE | VARIES |
| | SURFACE MOUNT LOAD CENTER - CIRCUIT BREAKER TYPE. REFER TO PANEL SCHEDULES. | TOP 72" |
| | OVERHEAD UTILITY POLE | - |
| | JUNCTION BOX OR EQUIPMENT CONNECTION. PROVIDE DISCONNECT SWITCH, RATED FOR LOAD, WHERE SHOWN. | VARIES |
| | WALL MOUNTED JUNCTION BOX | VARIES |
| | MOTOR CONNECTION. PROVIDE DISCONNECT SWITCH WHERE SHOWN. PROVIDE SWITCH RATED FOR LOAD INDICATED. | - |
| | DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COVERPLATE MOUNTED VERTICALLY. | 16" |
| | DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COVERPLATE MOUNTED VERTICALLY. | 44", UNO |
| WP | DUPLEX WEATHER-PROOF AND GFCI RATED RECEPTACLE, 20A, 125V, NEMA 5-20R,(METAL IN-USE COVERPLATE) | 16" |
| GFCI | GFCI DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COVERPLATE MOUNTED VERTICALLY. | 16" |
| GFCI | GFCI DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COVERPLATE MOUNTED VERTICALLY. | 44", UNO |
| OS | CEILING MOUNT OCCUPANCY SENSOR: DUAL TECH/SMALL MOTION<br>MODEL #: SENSOR SWITCH \| CM PDT 9 LT | - |
| | WALL MOUNTED OUTDOOR PHOTOCELL.<br>MODEL #: TORK K4141C, OR EQUAL. | 108" |
| $T | 5 MIN-4 HOUR TIMER SWITCH, 20A, 120/277V WITH COVERPLATE.<br>MODEL #: TORK \| RSM4HW | 44" |
| $OS | OCCUPANCY SENSOR SWITCH.<br>MODEL #: SENSOR SWITCH \| WSX PDT SA WH LT | 44" |
| $ | SINGLE POLE SWITCH, 20A, 120/277V WITH COVERPLATE. | 44" |
| | RECESSED MOUNTED DOWNLIGHT LUMINAIRE. | SEE SCHED. |
| | WALL MOUNTED EXIT SIGN, ARROWS AND EMERGENCY LIGHTS AS INDICATED. SHADED AREA INDICATES FACE LOCATION(S). | SEE SCHED. |
| | EMERGENCY BATTERY PACK LUMINAIRE. | SEE SCHED. |
| | STRIP LIGHT LUMINAIRE. | SEE SCHED. |
| | RECESSED MOUNTED LUMINAIRE; APPROXIMATE SIZE AS INDICATED ON PLANS. | SEE SCHED. |
| | SURFACE OR SUSPENDED MOUNT LUMINAIRE; APPROXIMATE SIZE AS INDICATED ON PLANS. | SEE SCHED. |
| | EXTERIOR WALL PACK LUMINAIRE. | SEE SCHED. |



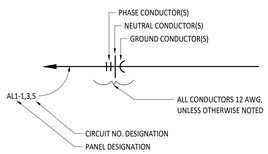

**NOTES:**
1. HEIGHTS REFER TO BOTTOM OF BOX, UNO.
2. NOT ALL SYMBOLS ARE SHOWN, REFER TO SYMBOLS LEGEND FOR ADDITIONAL MOUNTING HEIGHTS AND INFORMATION.

**1 / E1.1 — ELECTRICAL MOUNTING HEIGHT DETAIL**
NTS




**GENERAL NOTES:**
A. REFER TO NEC SECTION 110.26 FOR MORE INFORMATION.
B. COORDINATE ALL WORK WITH OTHER TRADES TO MAINTAIN ALL OTHER NEC CLEARANCES AND REQUIREMENTS.

**2 / E1.1 — PANELBOARD CLEARANCES**
NTS



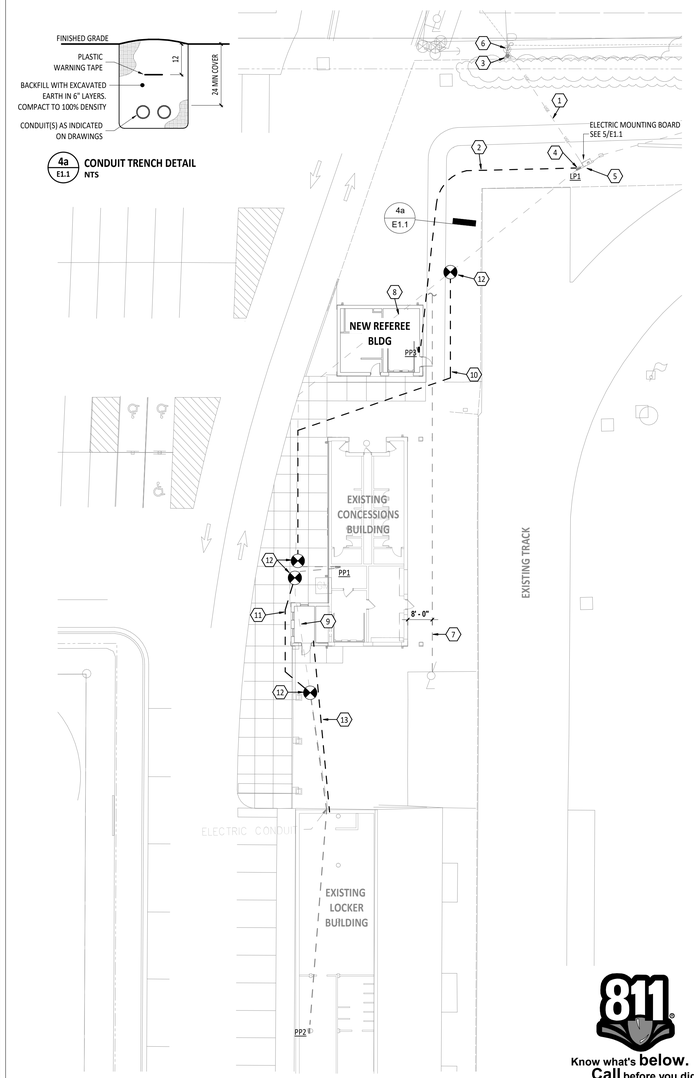

**BRANCH CIRCUIT GENERAL NOTES:**

1. CONDUIT ROUTING FOR BRANCH CIRCUITS ARE NOT SHOWN ON PLANS AND IS LEFT TO THE DISCRETION OF THE CONTRACTOR. THE FOLLOWING WIRE SIZES SHALL BE USED UNLESS NOTED OTHERWISE IN PANEL SCHEDULE. DETERMINE FURTHEST DISTANCE FROM BRANCH PANELBOARD TO FURTHEST DEVICE PRIOR TO WIRE INSTALLATION. INCREASE WIRE SIZE AS NECESSARY FOR FURTHER DISTANCES.

| CIRCUIT TYPE | CONDUCTOR SIZE | MAXIMUM LENGTH |
|---|---|---|
| 20A, 120V | 10 AWG | 100 FEET |
| 20A, 120V | 8 AWG | 175 FEET |
| 20A, 277V | 10 AWG | 200 FEET |

NOTES:
1. 12 AWG IS MIN. CONDUCTOR SIZE, EXCEPT AS NOTED.
2. 1/2" CONDUIT IS MIN. SIZE, EXCEPT AS CAPACITY PERMITTING 24 VOLT CONTROL CONDUCTOR.
3. PROVIDE DEDICATED NEUTRALS.

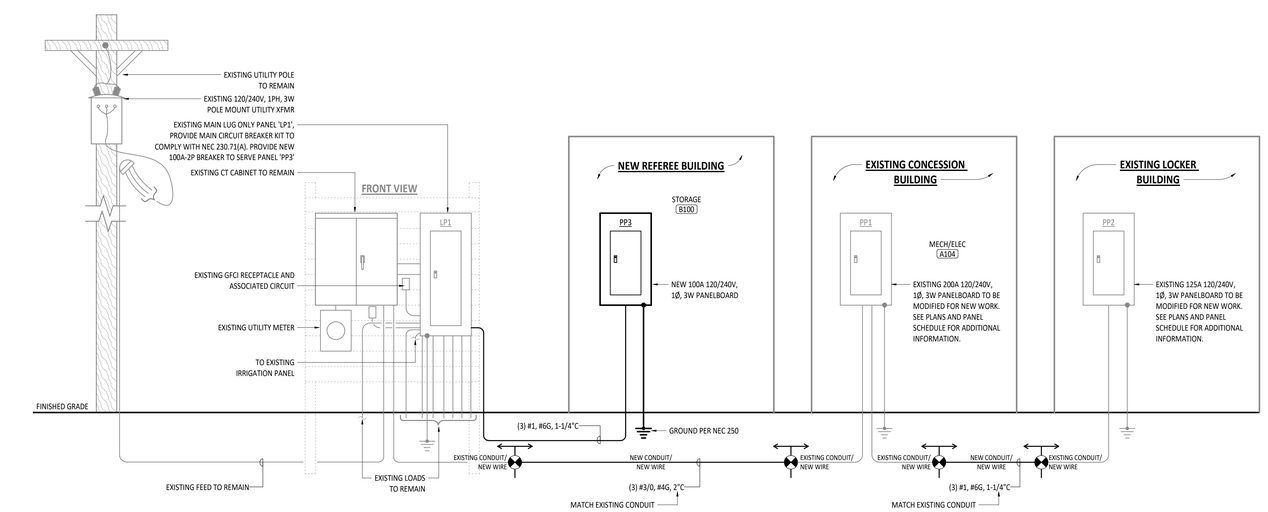
**3 / E1.1 — KEY TO ELECTRICAL CIRCUIT WIRING**
NTS




**4a / E1.1 — CONDUIT TRENCH DETAIL**
NTS

**4 / E1.1 — ELECTRICAL SITE PLAN**
1" = 20'-0"

811 Know what's below. Call before you dig.




**5 / E1.1 — ELECTRICAL RISER DIAGRAM**
NTS

## ELECTRICAL SHEET INDEX



| SHEET NUMBER | SHEET NAME |
|---|---|
| E1.1 | GENERAL NOTES, DETAILS, LEGENDS, AND SITE PLAN |
| E2.1 | ELECTRICAL PLANS |
| E3.1 | ELECTRICAL SCHEDULES |



**ELECTRICAL GENERAL NOTES**

A. ALL GENERAL WALL MOUNT WIRING DEVICES TO BE WHITE IN COLOR. COVERPLATES TO BE WHITE, NYLON, UNBREAKABLE TYPE. CEILING MOUNT RECEPTACLES TO BE WHITE IN COLOR WITH WHITE, NYLON, UNBREAKABLE COVERS.
B. ALL MOUNTING HEIGHTS REFER TO THE BOTTOM OF BOX OR DEVICE UNO.
C. ALL CONDUIT TO BE CONCEALED.
D. TICK MARKS ON LIGHTING PLAN CIRCUITING INDICATE A CHANGE IN SWITCHING.
E. ALL WORK SHALL CONFORM TO THE 2023 N.E.C., NATIONAL, STATE, AND LOCAL CODES WHICH APPLY.
F. ALL MATERIAL AND EQUIPMENT SHALL CONFORM TO U.L. AND NEMA STANDARDS WHICH APPLY.
G. THIS CONTRACTOR SHALL PAY ALL FEES AND OBTAIN ALL PERMITS REQUIRED TO THE EXECUTION OF HIS WORK.
H. THIS CONTRACTOR SHALL GUARANTEE HIS ENTIRE ELECTRICAL INSTALLATION AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR.
I. WIRE SIZES BASED ON AWG (AMERICAN WIRE GAUGE) OR KCMIL, MINIMUM WIRE SIZE SHALL BE 12 AWG, UNO.
J. CONDUCTORS SHALL BE TYPE 'THHN/THWN' STRANDED COPPER. CONDUCTORS 6 AWG, AND LARGER, MAY BE COPPER OR ALUMINUM.
K. EXPOSED EXTERIOR CONDUIT SHALL BE RIGID GALVANIZED STEEL OR INTERMEDIATE GRADE METAL CONDUIT. INTERIOR CONDUIT MAY BE ELECTRICAL METALIC TUBING. CONDUIT BURIED BELOW GRADE SHALL BE SCHEDULE 40 PVC WITH APPROPRIATE SIZE GREEN GROUND WIRE UNO.

**ELECTRICAL LIGHTING CONTROL GENERAL NOTES**

A. ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION. IF PENDANT FIXTURES ARE PRESENT, LOCATION AND COVERAGE OF SENSORS SHOULD BE REVIEWED.
B. ULTRASONIC CEILING MOUNT SENSORS REQUIRE THAT THEY BE LOCATED NO CLOSER THAN 6' TO AIR SUPPLY/RETURN REGISTERS.
C. CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS, VERIFICATION OF MANUFACTURER'S RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.
D. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER PACKS. ONE POWER PACK IS REQUIRED FOR EACH CONTROL/TOGGLE SWITCH. MAXIMUM NUMBER OF SENSORS THAT CAN BE WIRED IN PARALLEL TO A SINGLE POWERPACK IS DEPENDENT ON SENSOR MODEL (SEE INDIVIDUAL DATA SHEETS FOR mA CONSUMPTION).
E. BASIS OF DESIGN: SENSORSWITCH BY ACUITY, EQUALS BY LEVITON, SENSORWORX, WATTSTOPPER, LUTRON,AND COOPER.

**ELECTRICAL SITE GENERAL NOTES**

A. SEE CIVIL SITE PLAN, AND LANDSCAPE SITE PLANS FOR EXACT LOCATION OF OTHER UTILITIES. INSTALLATION OF ELECTRICAL WORK SHALL BE COORDINATED WITH THE OTHER TRADES.
B. PROVIDE PULL WIRES IN ALL EMPTY CONDUITS.
C. ALL UNDERGROUND CONDUIT SHALL BE 1" SCHEDULE 40 PVC, UNLESS NOTED OTHERWISE.

**KEYNOTE LEGEND**

| # | KEYNOTE DESCRIPTION |
|---|---|
| 1 | EXISTING UNDERGROUND RISER AND SECONDARY CONDUCTORS TO REMAIN. REFRENCE ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION. |
| 2 | NEW UNDERGROUND FEED FROM EXISTING PANEL 'LP1' TO NEW REF BUILDING LOAD CENTER 'PP3'. REFRENCE ONE-LINE DIAGRAM FOR FEEDER INFORMATION. |
| 3 | EXISTING UTILITY POLE MOUNTED TRANSFORMER TO REMAIN. REFRENCE ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION. |
| 4 | EXISTING PANELBOARD TO BE MODIFIED TO ACCOMODATE NEW WORK. REFRENCE ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION. |
| 5 | EXISTING WOODEN BACKBOARD TO REMAIN. |
| 6 | EXISTING UTILITY POLE TO REMAIN. |
| 7 | EXISTING SPORTS FIELD LIGHT UNDERGROUND FEED IS ASSUMED TO BE APPROXIMATELY 8'-0" FROM EXISTING CONCESSION BUILDING TO PANEL 'LP1'. THE EXACT ROUTE AND DEPTH IS UNKNOWN AND SHALL BE PROTECTED THROUGHOUT CONSTRUCTION. |
| 8 | APPROXIMATE LOCATION OF EXISTING UNDERGROUND FEED TO PANEL 'PP1' ROUTED UNDERNEATH NEW REFEREE BUILDING. REMOVE WIRE BACK TO SOURCE, PORTION OF CONDUIT UNDER THE BUILDING MAY BE ABANDONED/REMOVED AS NECESSARY. REROUTE FEED AS SHOWN. |
| 9 | APPROXIMATE LOCATION OF EXISTING UNDERGROUND FEED TO PANEL 'PP2' ROUTED UNDERNEATH NEW TICKET BOOTH ADDITION. REMOVE WIRE BACK TO SOURCE, PORTION OF CONDUIT UNDER THE BUILDING MAY BE ABANDONED/REMOVED AS NECESSARY. REROUTE FEED AS SHOWN. |
| 10 | PROPOSED ROUTE OF NEW PANEL 'PP1' UNDERGROUND FEED. SEE RISER DIAGRAM FOR MORE INFORMATION. |
| 11 | PROPOSED ROUTE OF NEW PANEL 'PP2' UNDERGROUND FEED. SEE RISER DIAGRAM FOR MORE INFORMATION. |
| 12 | CONNECT TO EXISTING UNDERGROUND CONDUIT AS REQUIRED, FIELD VERIFY CONDUIT SIZE. |
| 13 | PROVIDE (1) 2" CONDUIT WITH PULL STRING FROM JUNCTION BOX 'JB01' IN TICKET BOOTH TO EXISTING LOCKER BUILDING FOR FUTURE TECHNOLOGY CABLING. COORDINATE EXACT LOCATION WITH THE OWNER. SEE 3/E2.1. |

**NOTE:** ALL SYMBOLS OR ABBREVIATIONS MAY NOT BE USED FOR THIS PROJECT AND ARE SUBJECT TO CHANGE ON OTHER DRAWINGS.

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EXPIRATION DATE: 12/31/2027

GARMANN MILLER
cincinnati.com

# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

1 ADDENDUM 01 (SEE ADDENDUM FOR ADDITIONAL INFORMATION)

**ISSUANCES/REVISIONS**

| | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

| PROJECT NUMBER: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| 26070.00 | DAS | CDS |

SHEET TITLE:

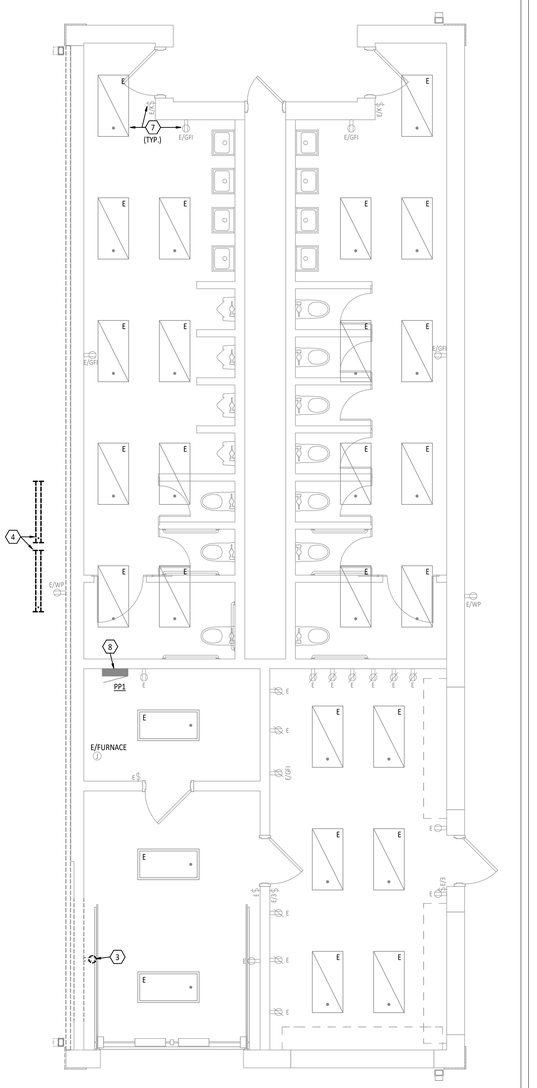
# GENERAL NOTES, DETAILS, LEGENDS, AND SITE PLAN

SHEET NUMBER:

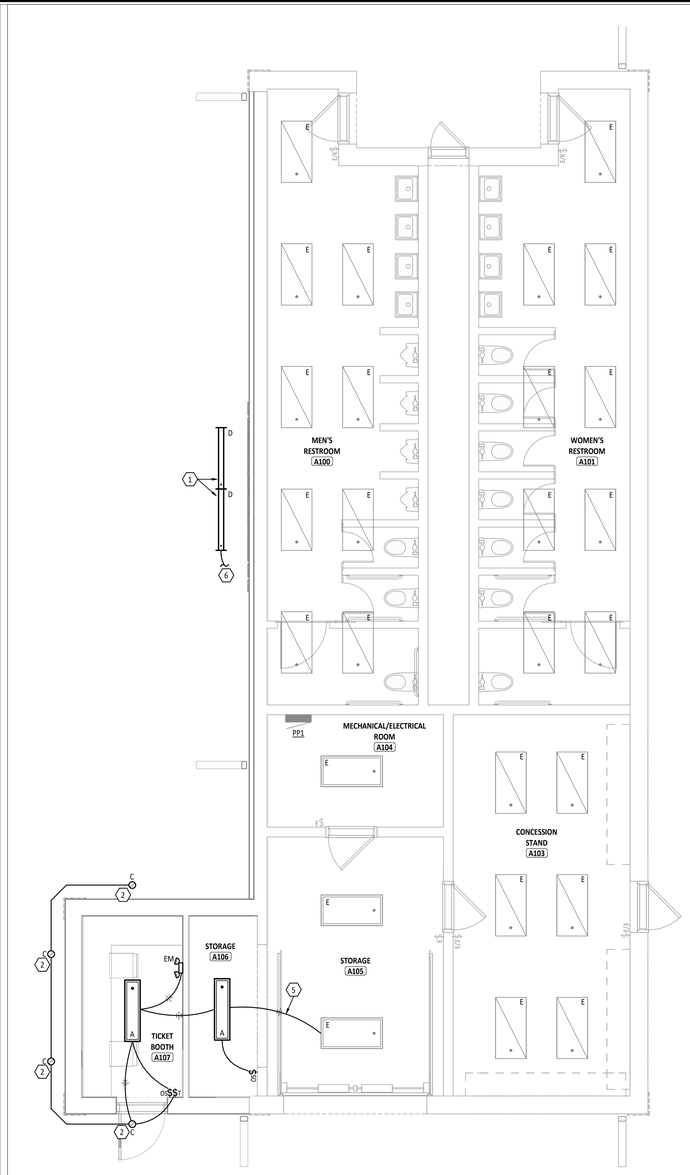
# E1.1

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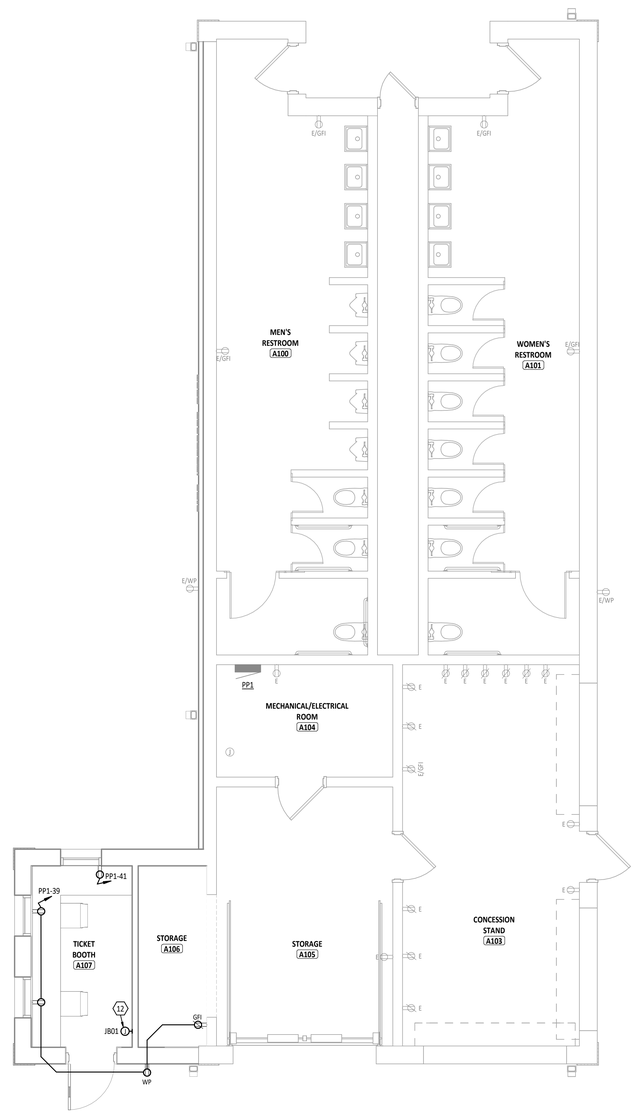
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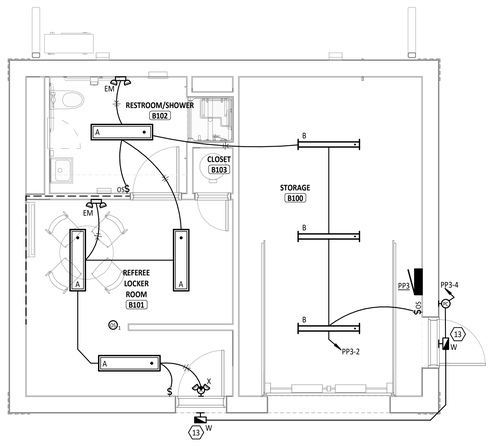

**1 E2.1 OVERALL FIRST FLOOR ELECTRICAL PLAN**
1/4" = 1'-0"



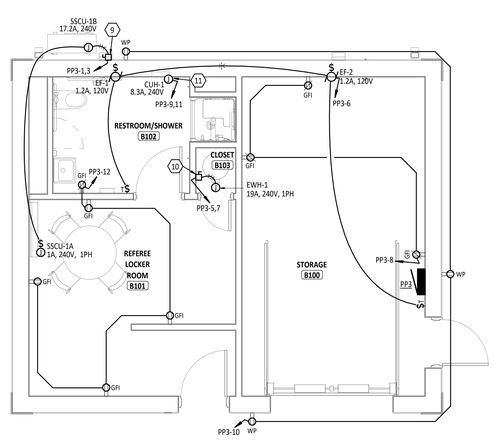

**2 E2.1 TICKET BOOTH LIGHTING PLAN**
1/4" = 1'-0"




**3 E2.1 TICKET BOOTH POWER PLAN**
1/4" = 1'-0"




**4 E2.1 REFEREE BUILDING LIGHTING PLAN**
1/4" = 1'-0"




**5 E2.1 REFEREE BUILDING POWER PLAN**
1/4" = 1'-0"

| ROOM INDEX | | |
|---|---|---|
| ROOM NUMBER | ROOM NAME | AREA |
| A100 | MEN'S RESTROOM | 358 SF |
| A101 | WOMEN'S RESTROOM | 353 SF |
| A103 | CONCESSION STAND | 287 SF |
| A104 | MECHANICAL/ELECTRICAL ROOM | 84 SF |
| A105 | STORAGE | 194 SF |
| A106 | STORAGE | 53 SF |
| A107 | TICKET BOOTH | 78 SF |
| B100 | STORAGE | 249 SF |
| B101 | REFEREE LOCKER ROOM | 170 SF |
| B102 | RESTROOM/SHOWER | 77 SF |
| B103 | CLOSET | 8 SF |

## GENERAL ELECTRICAL SHEET NOTES

- A REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION AND EXACT LOCATION OF LUMINAIRES.
- B VERIFY EXACT LOCATION OF ALL LIGHT SWITCHES AND CONTROLS DEVICES WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
- C WHERE MULTIPLE SWITCHES ARE GROUPED TOGETHER AT A SINGLE LOCATION, ALL SWITCHES SHALL BE INSTALLED UNDER A COMMON FACEPLATE.
- D CIRCUIT ALL EMERGENCY LIGHTS, NIGHT LIGHTS (IF APPLICABLE) AND EXIT LIGHTS TO AN UNSWITCHED HOT CONDUCTOR, UPSTREAM OF ALL CONTROLS.
- E REFER TO SHEET E3.1 FOR LUMINAIRE SCHEDULE AND ADDITIONAL INFORMATION.
- F WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE; REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.
- G CASEWORK INSTALLER SHALL CUT HOLES IN CASEWORK FOR RECEPTACLES, DEVICES, ETC., UNLESS NOTED OTHERWISE.
- H ALL CONDUCTORS FOR EQUIPMENT CONNECTIONS SHALL BE COPPER UNLESS NOTED OTHERWISE AND APPROVED BY THE MANUFACTURER.
- I COORDINATE WITH ALL OTHER TRADES TO MAINTAIN ALL REQUIRED CLEARANCES ABOUT ELECTRICAL EQUIPMENT WITH ACCORDANCE TO THE NATIONAL ELECTRICAL CODE.
- J REFER TO MECHANICAL, PLUMBING, AND OTHER APPLICABLE DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.
- K ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

| KEYNOTE LEGEND | |
|---|---|
| # | KEYNOTE DESCRIPTION |
| 1 | ALTERNATE BID: NEW FIXTURES TO BE MOUNTED TO SOFFIT, COORDINATE EXACT LOCATION WITH NEW BRICK VENEER MURAL. |
| 2 | FIXTURE TO BE MOUNTED IN SOFFIT IN LOCATION SPECIFIED ON DRAWINGS |
| 3 | REMOVE RECEPTACLE AND ASSOCIATED CIRCUITRY. |
| 4 | ALTERNATE BID: REMOVE LIGHT FIXTURE, MODIFY/EXTEND EXISTING CIRCUIT TO NEW SIGN LOCATION. |
| 5 | EXTEND EXISTING LIGHTING CIRCUIT TO NEW LIGHT FIXTURES AS INDICATED. FIELD VERIFY ADDED LOAD DOES NOT EXCEED CIRCUIT CAPACITY. |
| 6 | EXTEND EXISTING EXTERIOR LIGHTING CIRCUIT TO NEW LIGHT FIXTURE LOCATION AS REQUIRED. |
| 7 | EXISTING LIGHT FIXTURES, RECEPTACLES, LIGHT SWITCHES, ETC. DENOTED WITH AN "E" ARE EXISTING AND TO REMAIN AS IS. |
| 8 | EXISTING ELECTRICAL PANELBOARD TO REMAIN. MODIFY TO ACCOMMODATE NEW WORK AS REQUIRED. |
| 9 | PROVIDE 30A, 250V, 3-POLE HEAVY DUTY DISCONNECT IN NEMA 3R ENCLOSURE. |
| 10 | PROVIDE 30A, 250V, 3-POLE HEAVY DUTY DISCONNECT IN NEMA 1 ENCLOSURE. COORDINATE LOCATION WITH PLUMBING CONTRACTOR. |
| 11 | UNIT IS PROVIDED WITH INTEGRAL DISCONNECT. |
| 12 | PROVIDE 4-11/16" JUNCTION BOX WITH BLANK COVERPLATE FOR FUTURE TECHNOLOGY CABLING. EXTEND 2" CONDUIT FROM BOX TO LOCKER ROOM BUILDING, SEE SITE PLAN FOR CONTINUATION. |
| 13 | PROVIDE UNSWITCHED CONDUCTOR FOR BATTERY BACK-UP VOLTAGE SENSING. |

STATE OF OHIO
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E-78372
REGISTERED
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EXPIRATION DATE: 12/31/2027

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# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

1 ADDENDUM #1 ISSUED ON MAY 4, 2026

| ISSUANCES/REVISIONS | | |
|---|---|---|
| | CONSTRUCTION DOCUMENTS | 10/28/2026 |
| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

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SHEET TITLE:
**ELECTRICAL PLANS**

SHEET NUMBER:
**E2.1**

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## LUMINAIRE SCHEDULE

| MARK | MOUNTING | LAMP / LED DATA | | | | BALLAST/ DRIVER | FIXTURE VOLTAGE | INPUT WATTS | FIXTURE DESCRIPTION | COMMENTS | BASIS OF DESIGN & APPROVED MANUFACTURERS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | LUMENS | CCT | CRI | | | | | | |
| A | SURFACE | LED | 4000 lm | 4000K | 80 CRI | ELECTRONIC DRIVER | UNV | 35 W | 4' WRAPAROUND LIGHT, ADJUSTABLE LUMENS AND COLOR TEMPERATURE, WHITE FINISH, U.L. LISTED. | LUMENS SHALL BE SET TO HIGH, COLOR TEMPERATURE SHALL BE SET TO 4000K | LITHONIA \| TRUM 48 ALO6 FMP 8SWW2 ZT MVOLT 80CRI<br>COLUMBIA \| CWP4 SERIES<br>OR EQUAL |
| B | SURFACE | LED | 4000 lm | 4000K | 80 CRI | ELECTRONIC DRIVER | UNV | 34 W | 4' LED STRIP LIGHT, ADJUSTABLE LUMENS AND COLOR TEMPERATURE, WHITE FINISH, U.L. DAMP LISTED. | LUMENS SHALL BE SET TO HIGH, COLOR TEMPERATURE SHALL BE SET TO 4000K. | LITHONIA \| CSS L48 ALO3 MVOLT ZT SWW3 80CRI<br>COLUMBIA \| CSL4 SERIES<br>OR EQUAL |
| C | RECESSED | LED | 600 lm | 4000K | 90 CRI | ELECTRONIC DRIVER | UNV | 9 W | 4" ROUND LED DOWNLIGHT, RECESSED, DIFFUSED LENS, SEMI-SPECULAR REFLECTOR, WHITE TRIM, WET LISTED | | JUNO \| WF4 SWW5 90CRI MW<br>ETI LIGHTING \| ALCD SERIES<br>OR EQUAL |
| D | SURFACE | LED | 6000 lm | 4000K | 80 CRI | ELECTRONIC DRIVER | UNV | 55 W | 4' LED LINEAR SIGN LIGHT, ADJUSTABLE AIMING, BUILT-IN VISOR, CROSS BAFFLE, STANDARD FINISH SELECTED BY ARCHITECT, WET LISTED. | PROVIDE CONTINUOUS RUN AS SHOWN ON DRAWINGS. | ELLIPTIPAR \| S151 S 4 H xx M OB 0 940 ZX<br>SPI LIGHTING \| EEW11921 SERIES<br>OR EQUAL |
| EM | WALL | LED | 640 lm | 4000K | 80 CRI | ELECTRONIC DRIVER | UNV | 3 W | LED EMERGENCY LIGHT, ADJUSTABLE OPTICS, WHITE HOUSING, U.L. LISTED. | MOUNT FIXTURE 8'-0" AFF. | LITHONIA \| ELM4L<br>COMPASS \| CU2HL<br>OR EQUAL |
| W | WALL | LED | 1500 lm | 4000K | 80 CRI | ELECTRONIC DRIVER | UNV | 15 W | WALL MOUNTED EXTERIOR LUMINAIRE, DIE-CAST ALUMINUM HOUSING, COLD EMERGENCY BATTERY BACK-UP, STANDARD FINISH SELECTED BY ARCHITECT, U.L. WET LISTED. | MOUNT FIXTURE 8'-0" AFF. | LITHONIA \| WPX1 LED P1 40K MVOLT E14WC xxxxx<br>BEACON \| VPW SERIES<br>OR EQUAL |
| X | WALL | LED | N/A | RED | N/A | ELECTRONIC DRIVER | UNV | 3 W | WHITE THERMOPLASTIC LED COMBINATION EXIT/EMERGENCY LIGHT, UNIVERSAL MOUNTING, RED LETTERS, U.L. LISTED. | MOUNT DIRECTLY ABOVE DOOR. | LITHONIA \| LHQM S W RG MVOLT<br>COMPASS \| CCRG<br>OR EQUAL |

1

## PANEL PP1

(EXISTING)

**MOUNTING:** SURFACE
**FED FROM:** UTILITY/CT CABINET
**ENCLOSURE:** NEMA 1
**LOCATION:** MECHANICAL/ELECTRICAL ROOM A104
**PANEL NOTES:**
EXISTING CUTLER-HAMMER LOADCENTER
ALL CIRCUITS AND BREAKERS ARE EXISTING, UNLESS NOTED OTHERWISE

**AIC RATING:** EXISTING
**VOLTAGE:** 120/240V 1PH 3W
**MAINS RATING:** 225 A
**MAINS TYPE:** 200 A | MCB
**OTHER:**

| NOTE | CIRCUIT DESCRIPTION | POLES | AMP | CKT | A | B | CKT | AMP | POLES | CIRCUIT DESCRIPTION | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,3 | PANEL 'PP2'<br>(LOCKER ROOM BUILDING) | 2 | 125 | 1 | 5000 / 720 | | 2 | 20 | 1 | BATHROOM & OUTSIDE GFI RCPT | |
| | | | | 3 | | 5000 / 379 | 4 | 20 | 1 | LTG - MEN'S RESTROOM | |
| | WATER | 1 | 20 | 5 | 500 / 379 | | 6 | 20 | 1 | LTG - WOMEN'S RESTROOM / CHASE | |
| | PUMP | 1 | 20 | 7 | | 500 / 0 | 8 | 20 | 2 | RCPT | |
| | RCPT | 1 | 20 | 9 | 1200 / 0 | | 10 | | | | |
| | RCPT | 2 | 20 | 11 | | 0 / 1200 | 12 | 20 | 1 | RCPT | |
| | | | | 13 | 0 / 0 | | 14 | 20 | 2 | RCPT | |
| | RCPT | 1 | 20 | 15 | | 1200 / 0 | 16 | | | | |
| | RCPT | 1 | 20 | 17 | 1200 / 1200 | | 18 | 20 | 1 | RCPT | |
| | RCPT | 2 | 20 | 19 | | 0 / 1200 | 20 | 20 | 1 | RCPT | |
| | | | | 21 | 0 / 0 | | 22 | 20 | 2 | RCPT | |
| | RCPT | 1 | 20 | 23 | | 1200 / 0 | 24 | | | | |
| | RCPT | 2 | 20 | 25 | 0 / 1200 | | 26 | 20 | 1 | FURNACE | |
| | | | | 27 | | 0 / 0 | 28 | 20 | 1 | OUTSIDE BUS | |
| | RCPT | 1 | 20 | 29 | 1200 / 0 | | 30 | 30 | 1 | UNLABLED | |
| | CONCESSION ROOM LTS | 1 | 20 | 31 | | 253 / 0 | 32 | 40 | 2 | POWER WASHER | |
| | WESTSIDE GFI & MEC. RM. RCPT | 1 | 20 | 33 | 0 / 0 | | 34 | | | | |
| | OUTSIDE LIGHTS | 1 | 20 | 35 | | 116 / 1200 | 36 | 20 | 1 | POPCORN | |
| | RCPT. THIS ROOM & MECH ROOM | 1 | 20 | 37 | 1620 / 0 | | 38 | -- | 1 | SPACE ONLY | |
| 1 | RCPT - TICKET BOOTH, STORAGE,... | 1 | 20 | 39 | | 720 / 0 | 40 | -- | 1 | SPACE ONLY | |
| 1 | RCPT - TICKET BOOTH | 1 | 20 | 41 | 180 / 0 | | 42 | -- | 1 | SPACE ONLY | |
| | | | | | VA SUBTOTALS: | 14380 VA | 12932 VA | | | | |
| | | | | | AMP SUBTOTALS: | 120 A | 108 A | | | | |

| LOAD TYPE: | CONNECTED VA | DEMAND FACTOR | DEMAND VA | DEMAND AMPS |
|---|---|---|---|---|
| LIGHTING | 1126 VA | 125.0% | 1408 VA | 6 A |
| RECEPTACLE | 14040 VA | 85.6% | 12020 VA | 50 A |
| Spare | 11000 VA | 100.0% | 11000 VA | 46 A |
| MISC EQUIPMENT | 1200 VA | 100.0% | 1200 VA | 5 A |

| SUBTOTAL | PHASE |
|---|---|
| 14380 VA | A |
| 12932 VA | B |
| 0 VA | C |
| PANEL TOTALS | |
| 27312 VA | CONNECTED |
| 25561 VA | DEMAND |
| 114 A | CONNECTED |
| 107 A | DEMAND |

**CIRCUIT NOTES:**
1 | PROVIDE NEW CIRCUIT BREAKER
2 | REPLACE CIRCUIT BREAKER WITH SIZE SHOWN
3 | REFER TO RISER DIAGRAM FOR FEEDER SIZE

## PANEL PP2

**MOUNTING:** SURFACE
**FED FROM:** PANEL 'PP1'
**ENCLOSURE:** NEMA 1
**LOCATION:** LOCKER ROOM BUILDING
**PANEL NOTES:**
EXISTING CUTLER-HAMMER LOADCENTER
ALL CIRCUITS AND BREAKERS ARE EXISTING, UNLESS NOTED OTHERWISE

**AIC RATING:** EXISTING
**VOLTAGE:** 120/240V 1PH 3W
**MAINS RATING:** 125 A
**MAINS TYPE:** 125 A | MCB
**OTHER:**

| NOTE | CIRCUIT DESCRIPTION | POLES | AMP | CKT | A | B | CKT | AMP | POLES | CIRCUIT DESCRIPTION | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MAIN BREAKER | 2 | 125 | 1 | 0 / 0 | | 2 | 70 | 2 | BOTTOM PRESS BOX | |
| | | | | 3 | | 0 / 0 | 4 | | | | |
| | STORAGE ROOM 1 LIGHTS | 1 | 20 | 5 | 0 / 0 | | 6 | 20 | 1 | STORAGE ROOM 2 LIGHTS | |
| | STORAGE ROOM 1 LIGHTS | 1 | 20 | 7 | | 0 / 0 | 8 | 20 | 1 | STORAGE ROOM 2 RCPTS | |
| | STORAGE ROOM 1 RCPTS | 1 | 20 | 9 | 0 / 0 | | 10 | 20 | 1 | STORAGE ROOM HEATER | |
| | STORAGE ROOM 1 HEATER & DRYER | 1 | 20 | 11 | | 0 / 0 | 12 | 20 | 1 | OUTSIDE LIGHTS | |
| | STORAGE ROOM 1 HEATER | 1 | 20 | 13 | 0 / 0 | | 14 | 20 | 1 | WATER HEATER & FREEZER | |
| | FIRE ALARM PANEL | 1 | 15 | 15 | | 0 / 0 | 16 | 30 | 2 | DRYER | |
| | RCPT & LIGHTS COACHES OFFICE | 1 | 20 | 17 | 0 / 0 | | 18 | | | | |
| | COACHES OFFICE RCPTS | 1 | 20 | 19 | | 0 / 0 | 20 | 50 | 2 | TOP PRESS BOX | |
| | GFI RCPT FOR WASHER & BATH | 1 | 20 | 21 | 0 / 0 | | 22 | | | | |
| | RCPT ABOVE COUNTERTOP | 1 | 20 | 23 | | 0 / 0 | 24 | -- | 1 | SPACE ONLY | |
| | | | | | VA SUBTOTALS: | 0 VA | 0 VA | | | | |
| | | | | | AMP SUBTOTALS: | 0 A | 0 A | | | | |

| LOAD TYPE: | CONNECTED VA | DEMAND FACTOR | DEMAND VA | DEMAND AMPS |
|---|---|---|---|---|

| SUBTOTAL | PHASE |
|---|---|
| 0 VA | A |
| 0 VA | B |
| 0 VA | C |
| PANEL TOTALS | |
| 0 VA | CONNECTED |
| 0 VA | DEMAND |
| 0 A | CONNECTED |
| 0 A | DEMAND |

**CIRCUIT NOTES:**
1 | REPLACE CIRCUIT BREAKER WITH SIZE SHOWN

## PANEL PP3

(NEW)

**MOUNTING:** SURFACE
**FED FROM:** LP1
**ENCLOSURE:** NEMA 1
**LOCATION:** STORAGE B100
**PANEL NOTES:**

**AIC RATING:** 10 kAIC
**VOLTAGE:** 120/240V 1PH 3W
**MAINS RATING:** 100 A
**MAINS TYPE:** 100 A | MCB
**OTHER:**

| NOTE | CIRCUIT DESCRIPTION | POLES | AMP | CKT | A | B | CKT | AMP | POLES | CIRCUIT DESCRIPTION | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MINI-SPLIT, SSCU-1A/B | 2 | 25 | 1 | 2150 / 265 | | 2 | 20 | 1 | LTG - INTERIOR | |
| | | | | 3 | | 2150 / 33 | 4 | 20 | 1 | LTG - EXTERIOR | |
| 1 | ELECTRIC WATER HEATER, EWH-1 | 2 | 25 | 5 | 2280 / 281 | | 6 | 20 | 1 | EXHAUST FANS RR & STORAGE | |
| | | | | 7 | | 2280 / 540 | 8 | 20 | 1 | RCPT - STORAGE | |
| | UNIT HEATER, CUH-1 | 2 | 15 | 9 | 1000 / 540 | | 10 | 20 | 1 | RCPT - EXTERIOR | |
| | | | | 11 | | 1000 / 900 | 12 | 20 | 1 | RCPT, LOCKER ROOM & RR | |
| | SPARE BREAKER | 1 | 20 | 13 | 0 / 0 | | 14 | 20 | 1 | SPARE BREAKER | |
| | SPARE BREAKER | 1 | 20 | 15 | | 0 / 0 | 16 | 20 | 1 | SPARE BREAKER | |
| | SPARE BREAKER | 1 | 20 | 17 | 0 / 0 | | 18 | 20 | 1 | SPARE BREAKER | |
| | SPACE ONLY | 1 | -- | 19 | | 0 / 0 | 20 | -- | 1 | SPACE ONLY | |
| | SPACE ONLY | 1 | -- | 21 | 0 / 0 | | 22 | -- | 1 | SPACE ONLY | |
| | SPACE ONLY | 1 | -- | 23 | | 0 / 0 | 24 | -- | 1 | SPACE ONLY | |
| | | | | | VA SUBTOTALS: | 6503 VA | 6901 VA | | | | |
| | | | | | AMP SUBTOTALS: | 54 A | 58 A | | | | |

| LOAD TYPE: | CONNECTED VA | DEMAND FACTOR | DEMAND VA | DEMAND AMPS |
|---|---|---|---|---|
| LIGHTING | 297 VA | 125.0% | 372 VA | 2 A |
| MOTORS | 281 VA | 112.5% | 316 VA | 1 A |
| RECEPTACLE | 1980 VA | 100.0% | 1980 VA | 8 A |
| MISC EQUIPMENT | 10860 VA | 100.0% | 10860 VA | 45 A |

| SUBTOTAL | PHASE |
|---|---|
| 6503 VA | A |
| 6901 VA | B |
| 0 VA | C |
| PANEL TOTALS | |
| 13404 VA | CONNECTED |
| 13510 VA | DEMAND |
| 56 A | CONNECTED |
| 56 A | DEMAND |

**CIRCUIT NOTES:**
1 | (2) #10, #10 G, 3/4"C

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# FORT RECOVERY TICKET BOOTH AND REFEREE BUILDING

1 PRELIMINARY NOT FOR CONSTRUCTION OR BIDDING

| ISSUANCES/REVISIONS | | |
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| 1 | CONSTRUCTION DOCUMENTS - ADDENDUM 01 | 11/11/2026 |

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SHEET TITLE:
ELECTRICAL SCHEDULES

SHEET NUMBER:
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