Addendum 05

DOCUMENT 00 9100

DATE: January 8, 2026

PROJECT: Fort Loramie Local Schools Athletic Complex Building & Associated Improvements
600 East Park Street
Fort Loramie, Ohio 45845

PROJECT #: 25041.00

OWNER: Fort Loramie Local School Board of Education
575 Greenback Road
Fort Loramie, Ohio 45845

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 Bidding Documents dated December 11, 2025 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 4 page addendum, 3 pages of exhibits, 5 specification sections and 23 drawing sheets

FOR INFORMATION ONLY

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CHANGES TO THE PROJECT MANUAL

1. 08 33 23 – OVERHEAD COILING DOOR
   a. Revised 2.02 B #3 and #7 per Pre-Bid RFI response.
2. 08 36 13 – SECTIONAL DOORS
   a. Revised glazing in Exterior sectional doors from Laminated glass to Insulated Tempered glass with grey tint and Low-E coating. Reference 2.03 B
3. 10 43 13 – DEFIBRILLATOR CABINET
   a. Add 2.03 E – Defibrillator Equipment
4. 12 35 50.13 – EDUCATIONAL CASEWORK
   a. Add 2.01 B - Changing Room Casework, Stevens Cabinets Co. Model 61900 Series and C - Changing Room Shelving, Stevens Cabinets Co. Model 15165
5. 26 27 26-RIB-WIRING DEVICES
   a. Information added for USB receptacles.

CHANGES TO THE DRAWINGS

Locker Room Building

a. N/A

Elementary School Building

1. Sheet G0.1 – Cover Sheet
   a. Add Sheet FP1.1
2. Sheet FP1.1 – Fire Protection Plan:
   a. New sheet showing extension of sprinkler layout to cover the new addition.

Athletic Complex

1. Sheet C1.1 – Utility Plan
   a. Location for the gas service has been revised per engineer comments from Centerpoint Energy
2. Sheet L2.1 – Site Plan and Details
   a. Alternate 07 site furnishing details have been added. Locations to be determined by owner.
3. Sheet A0.2 – Wall Types/Mounting Height
   a. Added furring to walls with liner panel and metal stud.
4. Sheet A4.3 – Section Details
   a. Added furring to walls with liner panel and metal stud.
5. Sheet A6.1 – Door Schedule and Details
   a. Added furring to walls with liner panel and metal stud.
   b. Revised Door Schedule A121 to reflect wheel chair lift modifications in Addendum 04. A121 is now a single door.
6. Sheet A6.2 – Storefront & Door Elevations/Details
   a. Added furring to walls with liner panel and metal stud.
7. Sheet A8.1 – First Floor Equipment Plan
   a. Remove metal shelving schedule
   b. Revised Equipment schedule to show E01 and E04 to be provided by contractor.

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8. Sheet S1.1 – Foundation Plan
    a. Added slab-on-grade along grids 1 and B
9. Sheet P2.1 – Under -Slab Plumbing Plan – Unit A:
    a. Added keynote # 2 – "ROUTE WATER MAIN TO AVOID RUNNING UNDER ELECTRICAL TRANSFORMER. COORDINATE WITH ELECTRICAL AND SITE CONTRACTORS."
10. Sheet M2.1 – Mechanical Plan – First Floor
    a. Change main trunk duct from fabric to metal ductwork. The location of the transition from metal to fabric has change with fittings to change elevation. Fabric duct now slopes with roof. Refer to updated sheet.
    b. Add Section 10/M5.1 to view.
    c. Add air transfer openings and grilles as shown on updated sheet.
    d. Add Keynote #10.
11. Sheet M2.2 – Mechanical Plan – Mezzanine, Roof Plan, and Schedules
    a. Add air transfer openings and grilles as shown on updated sheet.
    b. Add Keynote #7.
    c. Modify supply airflow value for RTU-A204 as shown on updated sheet.
12. Sheet M5.1 – Mechanical Details
    a. Update detail 2/M5.1.
    b. Update section view 8/M5.1.
    c. Add new section view 10/M5.1.
13. Sheet E1.2 – Electrical Details
    a. Added Detail 10 – Lighting Sequence of Operations
    b. Removed Dead Front GFCI detail (no longer applicable).
    c. Removed nLight lighting control detail (no longer applicable).
    d. Removed access control system schematic wire diagram (already on T series sheet).
14. Sheet E2.1 – Site Electrical Plan
    a. Keynote 11 – Adjusted grounding size to technology room.
15. Sheet E3.1 – First Floor Systems Plan
    a. Provided wire guard for fire alarm devices, clocks, and speakers in A106.
    b. Provided wire guard for fire alarm devices, clocks, and speakers in A120.
16. Sheet E4.1 – First Floor Lighting Plan
    a. Removed exit sign from A107 (not a path of egress).
    b. Added exit sign in A107 (correct path of egress).
    c. Removed exit sign in A120 (not a path of egress).
    d. Added 2 exit signs in A114.
17. Sheet E5.1 – First Floor Power Plan
    a. Removed dead face GFCI (already protected by GFCI circuit breaker in A105.
    b. Provided keynote for overhead door in A106.
    c. Provided keynote for overhead door in A120.
18. Sheet E7.1 – Luminaire Schedule
    a. Lighting fixture equals added.
19. Sheet E8.1 – Electrical One-Line Diagram and Panel Schedules
    a. Panel B (2 of 2) - Provided GFCI circuit breaker for clothes dryers.
    b. One-line - Added a grounding annotation to the MDP.
    c. One-line – Updated the wire from the CT cabinet to the MDP

20. Sheet T1.3 – Technology Details
    a. Changed cable type from Cat6 to Cat6a
21. Sheet TC1.1 – First Floor Technology Cabling Plan
    a. Additional keynote to clarify speaker types

ATTACHMENTS

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

Specification Sections: 08 33 23, 08 36 13, 10 43 13, 12 35 50.13, 26 27 26

Drawing Sheets:

Locker Room Building –

Elementary School Building – G0.1, FP1.1

Athletic Complex – C1.1, L2.1, A0.2, A4.3, A6.1, A6.2, A8.1, S1.1, P2.1, M2.1, M2.2, M5.1, E1.2, E2.1, E3.1, E4.1, E5.1, E7.1, E8.1, T1.3, TC1.1

END OF ADDENDUM

Fort Loramie Pre-Bid RFIs

This document is a running list of Pre-Bid RFI questions. Yellow highlight indicates a received question that does not have a response yet. These items will be addressed in forthcoming addendums.

ADDENDUM 05

1. What are the weight or support requirements for the Gared Model Number 3107 basketball goals?
    a. **Response: Static load of basketball goal and super structure is approximately 1,124 lbs.**

2. What are the weight or support requirements for the Batting cages in the mezzanine
    a. **Response: Hanging weight is approximately 800 lbs**

3. Can the basketball supports hang below the PEMB Main Frame
    a. **Response: Yes, all supports are to be coordinated with all other disciplines. If Duct work is larger than the awarded PEMB contractors Main Frame depth, then Steel supports may extend below the main frame as necessary. PEMB to provide the supports for the Gymnasium equipment and coordinate with the awarded gym equipment contractor.**

4. The following RFI is concerning the signage.
    a. The room identifiers are not ADA compliant (text is too bold/thick). We would want to adjust before fabrication. **Response: Yes - they should be ADA compliant before producing**
    b. We would recommend the LETS GO SKINS letters to be thicker. Eighth inch aluminum composite at that size is going to be very flimsy, especially if installing on ribbed siding (that's what it looks to be?). They are also oversized and some of the letters will need seams in them. We would want to bump up to at least 1/4" aluminum composite or look at a thicker acrylic. **Response: ¼" aluminum composite is acceptable. Seams are acceptable, but make as minimal as possible**
    c. We will want to do a stud mount for the Redskin Tough letters as they exceed our size limit for tape mounted letters. **Response: Stud mount is acceptable if tape mounting is not within tape mounting limitations.**
    d. Would you accept an alternate for the Great Day to Be a Redskin letters to not be reflective? Unless there is moving light inside the building, the added cost for reflective doesn't provide a huge impact on the finish of the sign. **Response: This is acceptable**
    e. Would you accept an alternate for the exterior Redskin head to be an aluminum can sign? We would like to have a return around the sign to protect the lights. The returns also help create a stronger halo effect as the light isn't dispersing straight out of the sides. **Response: The Redskin head is located on the inside of the vestibule. The proposed change is not acceptable. Please build per construction documents.**

5. Faceplate details indicate using Cat 6A cabling except for the "LI" and "LVP" detail. those two are calling for Cat 6. Please clarify.
    a. **Response: Cat6a cabling is required. Sheet T1.3 has been updated and included with Addendum 05.**

6. Detail 4/S2.2 shows concrete slab on grade on both sides of the CMU wall. On sheet S1.1, it appears there is to be no slab on the south side of the north wall and west side of the east wall in room A106. The same is true of cut 1/S2.2 shown on the south exterior wall in room A106 on sheet S1.1 between column lines A.4/A.6. Please confirm the only slab on grade in room A106 is the 11'-3" wide section running north/south along the west exterior wall in room A106. Also, please confirm the 1'-6" x 8" concrete tie beams shown in detail 3/S2.2 only run east/west at column lines 2, 3, 4, and 5, as cut 3/S2.2 is also shown on the south wall of room A106 on sheet S1.1, specifically at column line A.4 with the words TIE BEAM between column lines A.4/A.6 on column line 1. Also, please confirm the base material that fills in between the tie beams. Stone by the turf contractor on earth? Also, please confirm footings F5.0 west of column line B are correctly depicted as a 5'x5' spread footing does not reach the backside of the continuous footings at these locations on the two endwalls.
    a. **Response:**
    b. **1) A portion of slab is to remain around the perimeter of Room A106 below the track running lanes. The foundation plan will be updated in Addendum 05 to address this.**
    c. **2) Tie beams should occur along grid lines 1 though 5 (not just 2 through 5). The reinforcing for the tie beam along grid 1 should extend through the intersecting piers. Threaded couplers are acceptable for the interfaces.**
    d. **3) It was anticipated that the tie beams would be earth-formed on the bottom and conventionally-formed on the sides with stone by the turf contractor on top. It is acceptable, however, to earth-form the sides of the tie beams if soil conditions allow.**
    e. **4) It is correct that the F5.0 footings will not reach the back side of the continuous footings along grids 1 and 9.**

7. Coiling Door clarifications:
    a. 2.02, B., #3 Slat Material: Can GM clarify if they want aluminum slats painted black or galvanized steel with g90 painted black? **Response: Black Painted Steel is acceptable**
    b. 2.02, B., #7 Operation: Do they want A or B as listed? Drawings show B. **Response: Operation to be done by manual switch control located adjacent to door.**

8. There is a defibrillator spec and it was noted that these will be provided by the contractors. I do not see any quantities, schedule, or locations on drawings. Please Advise.
    a. **Response: Reference A1.1 in room A107 – AEDC**

9. I do not see a spec for the shelving and benches for the locker rooms in the Athletic Complex. Please advise.
    a. **Response: 12 35 50.13 spec section will be updated in addendum 05**

10. There is a Metal Shelving Schedule on A8.1 with M01 listed. There are no M01's shown on the drawings. Please Advise No metal shelving in project.
    a. **Response: Schedule removed from A8.1 in addendum 05**

11. Equipment Schedule on A8.1 does not designate whether the Cube Ice machine and the projection screen are to be provided by the owner or contractor. Please Advise.
    a. **Response: Both are provided by contractor**

12. Alternate #07 is to provide Site Furnishings. There is not site furnishings spec or location designations on the drawings. Please advise.
    a. **Response: L2.1 updated in Addendum 05**

13. For the surveillance system, are we required to provide the server/NVR, or is our scope limited to furnishing the cameras and cabling only?
    a. **Response: Existing NVRs have space for new cameras. Furnishing cameras and cabling is required.**

14. For the access control system, do we need to provide the Entrapass software, or will this be supplied by the owner?
    a. **Response: The access control system should match the existing system for the school and the software is existing.**

15. In the Athletic Complex, the floor plan shows ceiling speakers marked as "S." Could you please provide details or specifications for these speakers so we can understand what is required?
    a. **Response: Speaker specification keynotes have been added to TC1.1 updated in Addendum 05**

16. There does not appear to be a moisture vapor reducing admixture (MVRA) specified for the concrete at locations where athletic flooring will be installed. This is typically a preferred item for the adhesion/warranty. Please confirm.
    a. **Response: Moisture Vapor Reducing Admixtures are approved and is the GCs discretion based on construction schedule if necessary. Slab moisture content must meet the flooring manufacturers requirements prior to being installed. Contractor to verify that the proposed MVRA does not void the warranty of the finished flooring.**

SECTION 08 33 23
OVERHEAD COILING DOORS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Electric operators and control stations.

B. Wiring from electric circuit disconnect to operators and control stations.

1.02 RELATED REQUIREMENTS

A. Division 26 - Electrical

1.03 REFERENCE STANDARDS

A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.

B. ITS (DIR) - Directory of Listed Products; current edition.

C. UL (DIR) - Online Certifications Directory; Current Edition.

D. UL (EAUED) - Electrical Appliance and Utilization Equipment Directory; Underwriters Laboratories Inc.; current edition.

1.04 SUBMITTALS

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

B. Product Data: Provide general construction, electrical equipment, and component connections and details.

C. Shop Drawings: Indicate pertinent dimensioning, anchorage methods, hardware locations, and installation details.

D. Samples: Two slats, 6 by 6 inches in size illustrating shape, color and finish texture.

E. Manufacturer's Installation Instructions: Indicate installation sequence and procedures, adjustment and alignment procedures.

F. Maintenance Data: Indicate lubrication requirements and frequency and periodic adjustments required.

1.05 QUALITY ASSURANCE

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

1.06 REGULATORY REQUIREMENTS

A. Conform to applicable code for fire rated openings.

B. Provide products listed and labeled by UL as suitable for the purpose specified and indicated.

C. Provide certificate of compliance from authority having jurisdiction indicating approval of fire rated units and operating hardware assembly.

D. Products Requiring Electrical Connection: Listed and classified by ITS (DIR), UL (DIR), or testing firm acceptable to authorities having jurisdiction as suitable for purpose specified and indicated.

1.07 WARRANTY

A. Standard Warranty: Two years from date of owner acceptance against defects in material and workmanship.

1.08

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Overhead Coiling Metal Doors:
   1. Basis of Design:
      a. Clopay Building Products
   2. Other Acceptable Manufacturers:
      a. Alpine Overhead Doors, Inc: www.alpinedoors.com.
      b. Cornell Iron Works, Inc: www.cornelliron.com.
      c. Overhead Door Company
      d. Wayne-Dalton, a Division of Overhead Door Corporation: www.wayne-dalton.com.
      e. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 OVERHEAD COILING INTERIOR DOORS

A. Product:
   1. Model: CESD 10 Service Door
   2. Mounting: Interior face mounted on prepared opening

B. Non-Fire-Rated Interior Coiling Doors: Steel slat curtain.
   1. Single Thickness Slats: Manufacturer's standard.
   2. Nominal Slat Size: 2-5/8 inches high x required length.
   3. Slat Material: ASTM A 653/A 653M galvanized steel; with a G90 galvanized coating
   4. Finish: Factory painted, color as selected by Architect.
   5. Guides, Angles: Primed steel.
      a. Finish: Factory painted, color to match slats.
   6. Hood Enclosure: Manufacturer's standard; primed steel.
      a. Material 24 gauge galvanized steel
      b. Finish: Factory painted, color to match slats.
   7. Operation
      a. Electric operation.
         1) Electric Tube Motor.
         2) Rating: 10 cycles per day
         3) Provide emergency manual crank hoist. Emergency manual crank hoist assembly shall cut operator power when engaged.
         4) Motor shall be protected against overload with an auto-reset thermal sensing device.
         5) Operator Speed: 10-14 RPM.
         6) Control Station: Recess mounted, Open/Close/Stop push buttons
            (a) Locate control stations as shown on drawings
      b. Electric operation.
         1) Model FS, heavy duty, UL listed, gearhead hoist type operator.
         2) Power: 110 Volts, 1 Phase, 3.8 Amps
         3) Size: 1/2 HP
         4) Control Station: Flush Mounted, Three button station with OPEN, CLOSE and STOP. Momentary contact to open and stop, constant pressure to close.
         5) Control Station: Flush Mounted, 3-button OPEN/CLOSE/STOP

6) Safety Edge: Located at bottom of curtain, full width, electro-mechanical sensitized type, wired to stop operator upon striking object, hollow neoprene covered.
7) Speed reduction shall be worm-gear-in-oil-bath gear reducer with synthetic "All Climate" oil. Shall provide 45:1 speed reduction.
8) Operator shall be equipped with an electrically interlocked floor level disconnect and chain hoist for manual operation and an electric solenoid-actuated brake to stop the motor and hold the door in position.

8. Mounting: Surface mounted.
9. Locking:
   a. Motor operated doors: integral gearing of motor operator to provide locking for door.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that adjacent construction is suitable for door installation.

B. Verify that electrical services have been installed and are accessible.

C. Verify that door opening is plumb, header is level, and dimensions are correct.

D. Notify Architect of any unacceptable conditions or varying dimensions.

E. Commencement of installation indicates acceptance of substrate and door opening conditions.

3.02 INSTALLATION

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

B. Use anchorage devices to securely fasten assembly to wall construction and building framing without distortion or stress.

C. Securely and rigidly brace components suspended from structure. Secure guides to structural members only.

D. Fit and align assembly including hardware; level and plumb, to provide smooth operation.

E. Install enclosure and perimeter trim.

3.03 TOLERANCES

A. Maintain dimensional tolerances and alignment with adjacent work.

B. Maximum Variation From Plumb: 1/16 inch.

C. Maximum Variation From Level: 1/16 inch.

D. Longitudinal or Diagonal Warp: Plus or minus 1/8 inch per 10 feet straight edge.

3.04 ADJUSTING

A. Adjust operating assemblies for smooth and noiseless operation.

3.05 CLEANING

A. Clean installed components.

B. Remove labels and visible markings.

END OF SECTION 08 33 23

SECTION 08 36 13
SECTIONAL DOORS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Overhead sectional doors, electrically operated.

B. Operating hardware and supports.

C. Electrical controls.

1.02 RELATED REQUIREMENTS

A. Section 05 50 00 - Metal Fabrications: Steel channel opening frame.

B. Section 08 71 00 - Door Hardware: Lock cylinders.

C. Section 08 80 00 - Glazing: Glazing for door lights.

D. Section 09 91 13 - Exterior Painting: Finish painting.

E. Division 26: Electrical

F. Section 26 05 83 - EQUIPMENT WIRING.

1.03 REFERENCE STANDARDS

A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; Current Edition.

B. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test; 2015 (Reaffirmed 2020).

C. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.

D. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2018a.

E. ASTM C1172 - Standard Specification for Laminated Architectural Flat Glass; 2014.

F. ASTM E283 - Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen; 2004 (Reapproved 2012).

G. ASTM E330/E330M - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference; 2014 (Reapproved 2021).

H. DASMA 102 - American National Standard Specifications for Sectional Doors; 2018.

I. ITS (DIR) - Directory of Listed Products; current edition.

J. NEMA ICS 2 - Industrial Control and Systems Controllers, Contactors and Overload Relays Rated 600 Volts; 2000 (R2005), with errata, 2008.

K. NEMA MG 00001 - Motors and Generators; 2024.

L. NEMA EN 10250 - Enclosures for Electrical Equipment (1000 Volts Maximum); 2024.

M. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

N. UL (DIR) - Online Certifications Directory; Current Edition.

O. UL 325 - Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems; Current Edition, Including All Revisions.

1.04 SUBMITTALS

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

B. Shop Drawings: Indicate opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.

C. Product Data: Show component construction, anchorage method, and hardware.

D. Maintenance Data: Include data for motor and transmission, shaft and gearing, lubrication frequency, spare part sources.

E. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.05 QUALITY ASSURANCE

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

B. Installer Qualifications: Company specializing in performing the work of this section with minimum 5 years of experience.

C. Comply with applicable code for motor and motor control requirements.

D. Products Requiring Electrical Connection: Listed and classified by ITS (DIR), UL (DIR), or testing firm acceptable to authorities having jurisdiction, as suitable for purpose specified.

1.06 WARRANTY

A. See Section 01 78 00 - Closeout Submittals for warranty requirements.

B. Correct defective Work within a two year period after Date of Substantial Completion.

C. Finish Warranty: Provide manufacturer's finish warranty against rust though for 10 years after the Date of Substantial Completion.

D. Delamination Warranty: Provide manufacturer's delamination warranty for 10 years after the Date of Substantial Completion.

E. Warranty: Include coverage for electric motor and transmission.

F. Provide two year manufacturer warranty for electric operating equipment.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Basis of Design: Clopay Building Products Company, Inc; Product 904: www.clopaycommercial.com.

B. Other Acceptable Manufacturers:
   1. Haas Door: haasdoor.com
   2. C.H.I. Overhead Doors: www.chiohd.com.
   3. Fimbel Architectural Door Specialties: www.fimbelads.com.
   4. Overhead Door Company
   5. Wayne-Dalton, a Division of Overhead Door Corporation: www.wayne-dalton.com.
   6. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 ALUMINUM FULL-VIEW DOORS - INTERIOR - CLOPAY 904

A. Aluminum Doors: Stile and rail aluminum with glazed panels; standard lift operating style with track and hardware; complying with DASMA 102, Commercial application.

1. Door Nominal Thickness: 2 inches thick.
2. Finish: Factory anodized; Black anodized.
3. Glazed Lights: Full panel width; set in place with resilient glazing channel.
4. Glass Panel Option: 904 for all sectional door panels with 5/16" Clear Laminated Impact-Rated Glass
5. Electric Operation: Electric control station.

B. Glazing: G-2 Laminated safety glass; single pane; clear; 5/16 inch overall thickness.

2.03 ALUMINUM FULL-VIEW DOORS - EXTERIOR - CLOPAY 904U

A. Aluminum Doors: Stile and rail steel with solid and glazed panels, insulated; side opening operating style with track and hardware; steel complying with ASTM A1011/A1011M.
1. Door Nominal Thickness: 2 1/8 inch thick.
2. Overall Door Height: As indicated on drawings.
3. Overall Door Width: As indicated on drawings.
4. Thermal Transmittance: U-factor of 0.73 Btu/hr sq ft degrees F, maximum.
5. Finish: Black anodized aluminum;
6. Glazed Lights: Full panel width; set in place with resilient glazing channel.
7. Operation: Automatic, electric powered.

B. Glazing: Fully tempered glass; insulated glass units;Low-E coated tinted; 1 inch overall thickness.

2.04 COMPONENTS

A. Track: High Track - Rolled galvanized steel, 0.090 inch minimum thickness; 2 inch wide, continuous one piece per side; galvanized steel mounting brackets 1/4 inch thick.

B. Hinge and Roller Assemblies: Heavy duty hinges and adjustable roller holders of galvanized steel; floating hardened steel bearing rollers, located at top and bottom of each panel, each side.
1. Ten-ball steel roller to be full-floating ball bearing in case hardened steel cases and mounted to fit the taper of the track.

C. Lift Mechanism: Torsion spring on cross head shaft, with braided galvanized steel lifting cables.

D. Spring Counterbalance: Torsion spring counterbalance mechanism sized to weight of the door, with a helically wound, oil tempered torsion spring mounted on a steel shaft; cable drum of die cast aluminum with high strength galvanized aircraft cable with minimum 7 to 1 safety factor.
1. High Cycle Spring: 25,000 cycles.

E. Sill Weatherstripping: Resilient hollow rubber strip, one piece; fitted to bottom of door panel, full length contact.

F. Jamb Weatherstripping: Roll formed steel section full height of jamb, fitted with resilient weatherstripping, placed in moderate contact with door panels.

G. Head Weatherstripping: EPDM rubber seal, one piece full length.

H. Panel Joint Weatherstripping: Neoprene foam seal, one piece full length.

I. Lock: Inside side mounted, adjustable keeper, spring activated latch bar with feature to retain in locked or retracted position; interior handle.

2.05 MATERIALS

A. Sheet Steel: Hot-dipped galvanized steel sheet, ASTM A653/A653M, with G40/Z120 coating, stucco embossed surface.

B. Aluminum Extrusions: ASTM B221 (ASTM B221M), 6063 alloy, T6 temper.

C. Laminated Safety Glass: ASTM C1172 with at least 0.030 inch thick polyvinyl butyral (PVB) interlayer, and in compliance with safety criteria 16 CFR 1201 Categories 1 and 2, and ANSI Z97.1.

2.06 ELECTRIC OPERATION

A. Operator, Controls, Actuators, and Safeties: Comply with UL 325; provide products listed by a testing agency acceptable to authorities having jurisdiction.

B. Electric Operators:
   1. Mounting: Side mounted on cross head shaft.
   2. Motor Enclosure:
      a. Exterior Doors: NEMA MG 00001, Type 4; open drip proof.
      b. Interior Doors: NEMA MG 00001, Type 1; open drip proof.
   3. 3/4 hp ; manually operable in case of power failure, transit speed of 12 inches per second.
   4. Motor Voltage: 120 volts, single phase, 60 Hz.
   5. Motor Controller: NEMA ICS 2, full voltage, reversing magnetic motor starter.
   6. Controller Enclosure: NEMA EN 10250, Type 1.
   7. Opening Speed: 12 inches per second.
   8. Brake: Adjustable friction clutch type, activated by motor controller.
   9. Manual override in case of power failure.
   10. Refer to Section 26 05 83 for electrical connections.

C. Wiring Terminations: Provide terminal lugs to match branch circuit conductor quantities, sizes, and materials indicated; enclose terminal lugs in terminal box sized to comply with NFPA 70.

D. Control Station: Provide standard three button (Open-Close-Stop) momentary-contact control device for each operator complying with UL 325.
   1. 24 volt circuit.
   2. Recess mounted,within line of sight of door, but not within reach of door.
   3. Entrapment Protection Devices: Provide sensing devices and safety mechanisms complying with UL 325.
      a. Primary Device: Provide NEMA 1 photo eye sensors as required with momentary-contact control device.

E. Disconnect Switch: Factory mount disconnect switch in control panel.

F. Electric Operator: Side mounted on cross head shaft, adjustable safety friction clutch; brake system actuated by independent voltage solenoid controlled by motor starter; enclosed gear driven limit switch; enclosed magnetic cross line reversing starter; mounting brackets and hardware.
   1. Basis of Design:
      a. Chamberlain Group, Inc.: LiftMaster Model DJ
   2. Other Acceptable Manufacturers:
      a. Overhead Door Company: www.overheaddoor.com.
      b. Wayne-Dalton Corporation: www.waynedalton.com.
      c. Substitutions: See Section 01 60 00 - Product Requirements.

G. Safety Photo Eyes: Safety photo eyes shall be installed for each opening.
   1. Manufacturers
      a. Lift Master, CPS-UN4

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that wall openings are ready to receive work and opening dimensions and tolerances are within specified limits.

B. Verify that electric power is available and of the correct characteristics.

3.02 PREPARATION

A. Prepare opening to permit correct installation of door unit to perimeter air and vapor barrier seal.

3.03 INSTALLATION

A. Install door unit assembly in accordance with manufacturer's instructions.

B. Anchor assembly to wall construction and building framing without distortion or stress.

C. Securely brace door tracks suspended from structure. Secure tracks to structural members only.

D. Fit and align door assembly including hardware.

E. Coordinate installation of electrical service. Complete power and control wiring from disconnect to unit components.

F. Photo eyes shall be located 6 inches above finished floor elevation.

G. Photo eyes shall be wired to reverse the door upon the light beam being disrupted.

H. Install perimeter trim.

3.04 ADJUSTING

A. Adjust door assembly for smooth operation and full contact with weatherstripping.

3.05 CLEANING

A. Clean doors and frames and glazing.

B. Remove temporary labels and visible markings.

3.06 PROTECTION

A. Protect installed products from damage until Date of Substantial Completion.

B. Do not permit construction traffic through overhead door openings after adjustment and cleaning.

END OF SECTION 08 36 13

SECTION 10 43 13
DEFIBRILLATOR CABINETS

PART 1 GENERAL

1.01 SECTION INCLUDES:

A. Defibrillator cabinets, accessories and their installation.

1.02 RELATED REQUIREMENTS

A. Section 06 10 00 - Rough Carpentry: Wood blocking product and execution requirements.

B. Section 04 20 00- Unit Masonry

1.03 REFERENCES

A. American National Standards Institute/National Fire Protection Association (ANSI/NFPA):
   1. ANSI/NFPA 10 Portable Fire Extinguishers.

B. American Heart Association (AHA):
   1. 2005 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care.

1.04 SUBMITTALS

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

B. Shop Drawings: Small-scale plans showing locations of defibrillator cabinets.

C. Product Data: Materials description for defibrillator cabinets include roughing-in dimensions, details showing mounting methods, relationships to surrounding construction, door hardware, cabinet type and materials, trim style and door construction, door style and materials.

D. Manufacturer's Installation Instructions: Indicate special criteria and wall opening coordination requirements.

1.05 DELIVERY, STORAGE & HANDLING

A. Deliver materials in manufacturer's original packaging with identification labels intact.

B. Store materials protected from exposure to harmful weather conditions and at temperature conditions recommended by manufacturer.

C. Remove from site and dispose of packaging materials at appropriate recycling facilities.

PART 2 PRODUCTS

2.01 MANUFACTURER

A. Manufacturer: Larsen, Inc.; Product 1414

B. Acceptable Manufacturers:
   1. Larsen's Manufacturing Co: www.larsensmfg.com.
   2. Potter-Roemer: www.potterroemer.com.
   3. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 AUTOMATIC EXTERNAL DEFIBRILLATOR (AED) CABINETS

A. Style: Interior, Semi-Recessed

B. Steel with electrostatic white impact resistant powder coat finish.

C. Door Style: Full acrylic with vandal resistant handle, concealed hinges, pull and AED Graphics.

D. Tub: Steel with impact resistant white epoxy coating.

E. Semi- Recessed cabinet 3-inch rolled edged.

2.03 ACCESSORIES

A. Vandal Resistant Handle: Cam style locking device.
   1. Acceptable Material: JL Industries, Inc., SAF-T-LOK.

B. Cabinet Seal:
   1. Acceptable Material: JL Industries, Inc., SAF-T-CLASP.

C. Alarm: Ensure 85 dB horn sounds for 2 minutes minimum when door is opened and stops when door closes.
   1. Keyed Alarm: On/Off.
   2. Horn Power: 9 Volt DC battery, with low power indicator.
      a. Provide and install batteries at time of Substantial Completion.

D. Identify defibrillator cabinets in accordance with silk screen print on inside of acrylic

E. Defibrillator Equipment
   1. Defibtech Lifeline AED School Package
      a. SKU#-DTLIFELINEA-N-SCH or similar

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify existing conditions before starting work.

B. Verify rough openings for cabinet are correctly sized and located.

3.02 PREPARATION

A. Ensure surfaces are clean and free of dirt and other foreign matter harmful to performance of defibrillator cabinet materials.

3.03 INSTALLATION

A. Install in accordance with manufacturer's instructions.

B. Install defibrillator cabinets as indicated.

C. Arrangement of Equipment: Arrange equipment so that removal for repairs or replacement does not require undue dismantling or removing of other equipment components.

D. Coordinate defibrillator cabinet work with work of other trades for proper time and sequence to avoid construction delays.

E. Install batteries at time of substantial completion.

3.04 ADJUSTMENT

A. Adjust defibrillator cabinet doors to achieve smooth operation.

3.05 CLEANING

A. Upon completion, remove surplus and excess materials, rubbish, tools and equipment.

3.06 PROTECTION

A. Protect installed products from damage during construction in accordance.

END OF SECTION 10 43 13

SECTION 12 35 50.13
EDUCATIONAL CASEWORK

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Casework manufactured with plastic laminate facing.

1.02 RELATED SECTIONS

A. Section 07 92 00 - Joints Sealants

B. Division 22 - Plumbing

C. Division 26 - Electrical

D. Division 27 - Communications

1.03 SUBMITTALS

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

B. Product Data: Provide data on all hardware.

C. Shop Drawings shall be submitted soon after the award of contract. Drawings shall consist of floor plans indicating arrangement and relationship to adjacent work and equipment, complete elevations of casework. Centerline of services requirement shall be noted.

D. Submit three (3) complete color samples of every component for Architect selection. Selection shall be from manufacturer standards.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.

B. Installer Qualifications: Company specializing in performing the work of this section with minimum 3 years of experience.

C. Design Requirements for Educational Casework
   1. Design system of cabinets which will be chip and abrasion-resistant under normal usage and will protect student clothing, materials, musical instruments and cases from damage under normal use.
   2. Design shelving to withstand continuous use without surface or front edge breakdown.
   3. Hanger rods or hooks to support a minimum vertical load of 200 pounds applied anywhere.
   4. Full-height door to support a minimum vertical load of 200 pounds applied at outer edge.

1.05 PRE-INSTALLATION MEETING

A. Convene two weeks before starting work of this section.

1.06 DELIVERY, STORAGE, AND PROTECTION

A. Do not deliver casework to project until dry and heated storage space is provided.

1.07 PROJECT CONDITIONS

A. Casework supplier shall be responsible for quantities shown on the drawings.

B. Casework supplier shall be responsible for making field measurements to insure proper fit of casework items.

C. Sequence installation to ensure utility connections are achieved in an orderly and expeditious manner.

D. For delivery and installation of casework and equipment, building conditions shall be as follows:
   1. Building is secure and weather tight, with windows and doors installed, heat and air conditioning systems functional. Walls and openings are plumb, straight and square.
   2. Concrete floors must be level within acceptable trade tolerances. Floor must be within 1/8 inch of level per 10 foot run, non-accumulative, when tested with a straight edge in any one direction.
   3. Wood or metal blocking (wall grounds) must be installed within partitions prior to delivery of casework and furnishings to allow for immediate installation on delivery.

PART 2 PRODUCTS

2.01 MANUFACTURER

A. Stevens Cabinets Co, Model 1200 Series (3MM Edge, Full Overlay).
   1. The catalog numbers of the manufacturer listed are intended to include a complete and total item as the catalog number is specified in the current catalog. The item shall be provided complete with hardware, accessories, features and components.

B. Changing Room Casework, Stevens Cabinets Co. Model 61900 Series
   1. Min. Cubby width to be 15". and all cubbies must be equal size. Maximize amount of cubbies in layout.
   2. Provide Bench top to match casework finish.

C. Changing Room Shelving, Stevens Cabinets Co. Model 15165
   1. 18" Deep shelving with schoolhouse hook. Shelving to follow the same layout as casework below.

D. Other Acceptable Manufacturers:
   1. TMI Systems Design Corporation, Dickinson North Dakota: Model Series Educational.
   2. Case Systems, Normal Wood Products, Midland, Michigan; Model Series Education.
   3. Hoge Lumber Company, New Knoxville, Ohio; Model Series Educational.
   4. Substitution Procedures: See Section 01 60 00 - Product Requirements.
      a. Submit samples of each proposed substitution to the offices of Garmann/Miller & Associates for evaluation. Samples shall be retrieve by submitter upon evaluation by Architect.
      b. Sample size to be nominally 2'-0" by 3'-0" with a drawers, doors, shelves and accessories showing compliance with this specification.

2.02 MATERIALS

A. Wood Base Components
   1. Wood fabricated from old growth timber is not permitted.
   2. Wood fabricated from timber recovered from riverbeds or otherwise abandoned is permitted, unless otherwise noted, provided it is clean and free of contamination; identify source; provide lumber re-graded by an inspection service accredited by the American Lumber Standard Committee, Inc.
   3. Particleboard, medium density fiberboard, plywood, wheatboard, strawboard, and panel substrates shall contain no added urea-formaldehyde resins

B. Plastic laminates, provide one of the following
   1. Reference standard laminate selections in the Finish Material Schedule.

C. Edge Banding for Plastic Laminate:
   1. Edge banding to match laminate selection of cabinet. Reference Finish Material Schedule for selections.

D. Melamine Faced Particleboard:

1. Medium density particleboard complying with ANSI A208.1, Grade M-2, with decorative surface of thermally fused melamine impregnated web complying with ALA 1992.

E. Particleboard: ANSI A 208.1, Grade M-2

F. Hardboard: AHA A135.4, Class 1 tempered
   1. AHA A135.4, Class 1 tempered

2.03 HARDWARE

A. Hinges: Heavy duty five knuckle style, with overlaying leaves capable of 270 degree swing. Hinges shall be constructed of 0.90 inch minimum thickness steel, hospital tipped with non-removable pin.
   1. Color: as selected from manufacturer's standard.
   2. Doors less than 47 inches in height shall have two (2) hinges and doors 47 inches in height and greater shall have three (3) hinges
   3. Hinges shall have vertical adjustment and shall be mounted with two (2) 5 mm thread screws, each leaf with additional #8 screws: two (2) in cabinet leaf and three (3) in door leaf. Total nine (9) fasteners per hinge.

B. Door Catches:
   1. Catches shall be a heavy duty spring loaded, large diameter (17.5 mm) roller type catch. Doors less than 48 inches in height shall one (1) catch mounted at the bottom and doors 48 inches in height and greater shall be provided with catches both top and bottom of door.
   2. Catch strike plate shall be injection molded ABS, with integrally molded engagement ring. Strike shall have a wide face bumper insuring a positive door stop.

C. Pulls: Solid metal, 5 inches in length.
   1. Style: A minimum of (5) different styles as offered by Cabinet manufacturers' standard. Stevens - Essentials Collection - Bar128, Curved bar
   2. Color: As selected from manufacturer's standard. - Satin Nickel Finish

D. Drawer Slides
   1. Drawers shall be suspended with bottom mount, side and bottom attached nylon roller epoxy coated steel slides to ensure quiet, smooth operation. Lateral stability is achieved through a special formed captive profile. Slides shall have 100 pound load rating, with both in and out drawer stop, 3 inch self close feature and side adjustment cam allowing 3 mm side to side alignment.
      a. Drawers noted for file use or full extension shall have 150 pound load rating, with both in and out drawer stop, 3 inch self close feature and side adjustment cam allowing 3 mm side to side alignment.
      b. Drawers noted for file use shall include extruded to mounted molded side rails to accept standard hanging file folders with a 200 pound rating.

E. Hangard Bars: Shall be heavy chrome plated oval tubing mounted in adjustable end wall sockets.

F. Shelf Supports: Adjustable shelf supports shall be injection molded clear polycarbonate. Supports shall incorporate integral molded lock tabs to retain shelf from tipping or inadvertent lift out. Supports shall have 5 mm diameter double pin engagement into precision bored cabinet vertical hole patterns. Adjustment shall be 1-1/4 inches (32mm) spacing. Supports shall have a compression ridge effecting force against shelf edge to maintain positive pin engagement. Supports shall have molded-in screw attachment feature. Static test load shall exceed 200 pound per clip. Shelf spans above 27 inches shall have 5-point support with backs drilled to

receive a mid-span shelf support, further reducing deflection. Shelf spans 27 inches or less shall have end 4-point support.

G. Casters and Mounting Frame: Heavy duty non-maring swivel casters shall have ball bearing swivels, four (4) bolt mounting and tread braking. Mobile cabinets shall have 5 inch diameter casters, rated for 300 pounds each. Two (2) casters to be swivel braking and two (2) to be non-swivel, non-braking. Casters shall be integral bolted onto steel channel cabinet member. Fourteen (14) gauge formed channel member shall be 3 3/4 inch wide with 3/4 inch downturn legs each with double thick hem edge. Steel frame member shall have bolt attachment to bottom and cross bolted into barrel style fastening system.

H. Locks:
   1. Provide either of the lock systems listed below:
      a. High security 6-tumbler lock system shall be provided where noted by model number or indicated on drawings. Locks shall have diecast body with dead bolt engagement tang. Locks shall have removable and interchangeable 6-tumbler core for easily field and customer re-keying options.
      b. Locks shall be cylinder type, die-cast, with five (5) disc tumbler mechanism. Each lock shall be provided with a key.
   2. Keying:
      a. Each room shall be keyed alike with each room keyed differently.
      b. Locks shall be master keyed using the casework manufacturers master keying system. (This is independent of any other master keying system)
      c. Provide lock where indicated.
      d. Provide locks on all wardrobe units and tall storage units.

I. Chain Stop:
   1. Manufacturers standard, install on all doors that will hit casework components or adjacent walls

J. Cabinet Boxes - cut outs:
   1. All cabinet box cut outs must be completed in the field unless otherwise noted on the cabinet shop drawing submittals.
   2. Special attention to field measuring, cutting or drilling shall be made when making any cabinet cut outs.
   3. Cut outs shall be made as tight to the size of the cabinet penetration as possible.
   4. Cut outs for low voltage wiring shall be trimmed accordingly with specified mounting bracket.
      a. Manufacturer:
         1) Erico, Caddy Mounting Bracket, (MPL series) or equal
         2) Mounting brackets placed inside the cabinet box shall match the same size, location and configuration as the box placed inside the wall that the cabinet butts up against.
         3) Mounting Bracket furnished and installed by Low Voltage Contractor.
         4) Install mounting brackets in cabinet using proper length wood screws.
   5. Cut outs for electrical wiring shall be made so that outlet box extension is mounted flush to back panel of casework. Casework installer shall field measure and cut holes in casework to accommodate outlet installation.
   6. Excessively overcutting any cabinet cut outs is not permitted, unless specifically approved by Garmann/ Miller & Associates.
   7. Plumbing penetrations and cut outs shall have proper finish trim around pipes to properly cover any cut outs. Trims to be supplied and installed by Plumbing Contractor.

2.04 COMPONENTS

A. Cabinet Boxes - Base and Wall:
   1. Core:
      a. Base Cabinets:
         1) Front and Sides: 3/4 inch particleboard
         2) Base - Bottom - Toe Kick: 3/4 inch plywood
         3) Back: Entrapped 3/8 inch particle or 1/4 inch tempered hardboard
      b. Wall Cabinets:
         1) Top and Bottom: 3/4 inch particleboard
         2) Sides: 3/4 inch particleboard
         3) Back: Entrapped 3/8 inch particle or 1/4 inch tempered hardboard
   2. Surface:
      a. Exposed Vertical Surfaces: GP28
      b. Semi-exposed parts (interior of open cabinets, not including drawer body): CL20 or melamine
      c. Concealed Surfaces: CL20 or melamine
      d. Panel ends: GP28
   3. Edge: Finish all exposed edges (including wall cabinet top and bottom) with 1 mm PVC
   4. Construction/Joinery: Doweled, glued under pressure

B. Cabinet Doors
   1. Core: 3/4 inch particleboard
   2. Surface: GP28 with CL20 liner on back
   3. Edge: 3 mm PVC
   4. Hardware: Heavy duty, 5 (five) knuckle, 2-3/4 inch institutional type hinge (no concealed hinges)
   5. Construction/Joinery: Doweled, glued under pressure

C. Drawer Fronts:
   1. Core: 3/4 inch particleboard
   2. Surface: GP28 with CL20 liner on back
   3. Edge: 3 mm PVC
   4. Construction/Joinery: Doweled, glued under pressure
   5. Hardware: Wire design pulls

D. Drawer Sides and Backs:
   1. Core: 1/2 inch particleboard of 5/8 inch medium density fiberboard
   2. Surface: Melamine on all visible surfaces with drawer in normal open position.
   3. Hardware: Combination epoxy coated steel and nylon roller bearing drawer slides, self closing. Full extension for file drawers.

E. Drawer Bottoms:
   1. Core:
      a. Fully captured construction: Minimum thickness 1/4 inch.
      b. Platform construction: Minimum thickness 1/2 inch.
   2. Surface: Melamine panel product or particle board.
   3. Hardware: Platform construction must use wrap around drawer slide.

F. Interior Cabinet Shelves:
   1. Core: 1 inch particle board
   2. Top and Bottom Surface: Thermofused Laminate

a. Color: Match the interior color; Pearl unless noted othwerwise.

3. Edge: 1 mm PVC on front and back edges
4. Construction/Joinery: Multiple holes (minimum 5 mm diameter at 1-1/4 inches on center.
5. Hardware: Adjustable shelf supports

2.05 FABRICATION

A. Cabinets parts shall be accurately machined and precision bored for premium grade quality joinery construction. Cabinets shall be assembled under controlled case clamp conditions assuring final cabinet squareness and proper joint compression.

B. Cabinet corners shall be joined with dowel pin construction with 8 mm industrial grade hardwood laterally fluted dowels with chamfered edges..

C. Cabinet ends shall be dowel pinned into horizontal members. Ends shall be one piece continuous from top to floor for added load carrying capacity.

D. Tops and bottoms shall be joined to cabinets ends using dowels and glue. Top of base cabinet shall be full depth.

E. Frame rails shall be joined to ends with dowels and glue.

F. Two (2) toe kick panels shall be insert from cabinet from and back edges, and doweled into cabinet with the same fluted dowel pin and glue joint construction as base and wall cabinets

G. Wall cabinet top and bottoms shall feature the same fluted dowel pin and glue construction.

H. Mounting rails shall be fully concealed behind backs. Rails shall be 3/4 inch thick and fastened to cabinet ends the dowel and glue construction. Wall cabinets and tall cabinets shall incorporate two (2) rails. Wall cabinets shall have rails positioned at top and bottom. Tall cabinets shall have rails positioned at top and intermediate location. Base cabinet units shall have rail positioned in the upper back area.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that job site and the conditions under which the work of this section is to be performed. Notify the Architect of any unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable.

3.02 INSTALLATION

A. Be sure that any concete floor finish is complete before installing any cabinets or other materials that may affect the finish of the specified flooring.

B. Install in accordance with manufacturer's instructions.

C. Casework, countertops and related materials to be conditioned to average prevailing humidity condition in installation areas prior to start of work.

D. Casework shall be installed plumb, level, true, straight with no distortions. Securely attach to building structure with anchorage devices of appropriate type size and quantity to meet codes and safety conditions.

E. Where laminated clad casework and countertops abuts other finished work scribe and trim to accurate fit.

F. Cut openings in countertops for sinks and other items required. Cut to size from template furnished by supplier for sinks or use designated sink on job.

G. Countertops shall be installed flush against wall. Provide clear sealant at top and around ends of countertops, endsplashes and backsplashes where they meet wall.

H. Adjust casework and hardware so that doors and drawers operate smoothly without or bind.

I. Install a chain stop on doors where door will hit an obstruction casework components or adjacent walls before it is full opened install on all doors that will hit

3.03 CLEANING

A. Clean exposed surfaces, edges, and cabinet interiors. Clean construction and installation marks.

B. Protect installed casework from subsequent construction operations.

END OF SECTION 12 35 50.13

SECTION 26 27 26
WIRING DEVICES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Wall switches.

B. Receptacles.

C. Wall plates.

D. Floor box service fittings.

E. Poke-through assemblies.

1.02 RELATED REQUIREMENTS

A. Section 26 05 33.16 - BOXES.

B. Section 26 0526 - Grounding and Bonding

1.03 REFERENCE STANDARDS

A. FS W-C-596 - Connector, Electrical, Power, General Specification for; 2014h (Validated 2022).

B. FS W-S-896 - Switches, Toggle (Toggle and Lock), Flush Mounted (General Specification); 2017g (Validated 2023).

C. NECA 1 - Standard for Good Workmanship in Electrical Construction; 2010.

D. NECA 130 - Standard for Installing and Maintaining Wiring Devices; 2010.

E. NEMA WD 1 - General Color Requirements for Wiring Devices; 1999 (R 2010).

F. NEMA WD 6 - Wiring Devices - Dimensional Specifications; 2012.

G. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

H. UL 20 - General-Use Snap Switches; Current Edition, Including All Revisions.

I. UL 498 - Attachment Plugs and Receptacles; Current Edition, Including All Revisions.

J. UL 514D - Cover Plates for Flush-Mounted Wiring Devices; Current Edition, Including All Revisions.

K. UL 1310 - Class 2 Power Units; Current Edition, Including All Revisions.

1.04 SUBMITTALS

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

B. Product Data: Provide manufacturer's catalog information showing dimensions, colors, and configurations.

1.05 QUALITY ASSURANCE

A. Comply with requirements of NFPA 70.

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

C. Products: Listed, classified, and labeled as suitable for the purpose intended.

1.06 EXTRA MATERIALS

A. See Section 01 6000 - Product Requirements for additional provisions

B. Furnish two of each style, size, and finish wall plate.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Cooper

B. Arrow Hart

C. Pass & Seymour

D. Hubbell

E. Leviton

2.02 WIRING DEVICE APPLICATIONS

A. Provide wiring devices suitable for intended use and with ratings adequate for load served.

B. For single receptacles installed on an individual branch circuit, provide receptacle with ampere rating not less than that of the branch circuit.

C. Provide weather resistant GFCI receptacles with specified weatherproof covers for receptacles installed outdoors or in damp or wet locations.

D. Provide tamper resistant receptacles for receptacles educational facilities and as required by NEC.

E. Provide GFCI protection for receptacles installed within 6 feet of sinks and as required by the NEC.

F. Provide GFCI protection for receptacles installed in kitchens.

G. Provide GFCI protection for receptacles serving electric drinking fountains.

H. Provide GFCI protection for receptacles serving electric wash fountains.

2.03 ALL WIRING DEVICES

A. Provide products listed and classified by Underwriters Laboratories Inc. as suitable for the purpose specified and indicated.

B. Finishes: Refer to Drawings.

2.04 WALL SWITCHES

A. Wall Switches - General Requirements: AC only, quiet operating, general-use snap switches with silver alloy contacts, complying with NEMA WD 1 and NEMA WD 6, and listed as complying with UL 20and where applicable FS W-S-896; types as indicated on the drawings.
   1. Wiring Provisions: Terminal screws for side wiring and screw actuated binding clamp for back wiring with separate ground terminal screw.

B. Wall Switches: Heavy Duty, AC only general-use snap switch, complying with NEMA WD 6 and WD 1.
   1. Body and Handle: Plastic with toggle handle.
      a. Voltage: 120 volts, AC.
      b. Current: 20 amperes.
   2. Ratings: Match branch circuit and load characteristics.

C. Switch Types: Single pole, double pole, 3-way, and 4-way.

2.05 RECEPTACLES

A. Receptacles - General Requirements: Self-grounding, complying with NEMA WD 1 and NEMA WD 6, and listed as complying with UL 498and where applicable FS W-C-596; types as indicated on the drawings.

1. Wiring Provisions: Terminal screws for side wiring or screw actuated binding clamp for back wiring with separate ground terminal screw.
2. NEMA configurations specified are according to NEMA WD 6.

B. **USB Charging Devices:**
1. **USB Charging Devices - General Requirements: Listed as complying with UL 1310.**
a. **Charging Capacity - Two-Port Devices: 2.1 A, minimum.**
2. **USB Charging/Tamper Resistant Receptacle Combination Devices: Two-port (Type A & C) USB charging device and receptacle, commercial specification grade, duplex, 20A, 125V, NEMA 5-20R, listed and labeled as tamper resistant type; rectangular decorator style.**

C. Receptacles: Heavy duty, complying with NEMA WD 6 and WD 1.
1. Device Body: Plastic.
2. Configuration: NEMA WD 6, type as specified and indicated.
3. Prewired pigtail connectors that accommodate Fed Spec receptacles are approved. Must be crimped and welded terminal application connector.

D. Convenience Receptacles: Type 5 - 20 equal to Hubbell 5362, Cooper BR20, or Pass & Seymour CR20W.
1. Prewired pigtail receptacles: Type 5 - 20 equal to Pass & Seymour PT5362, Hubbell SNAP5362, Leviton lev-lok, or Cooper ArrowLink.

E. GFCI Receptacles: Convenience receptacle with integral ground fault circuit interrupter to meet regulatory requirements.

2.06 TECHNOLOGY OUTLETS

A. Provide rough-ins as indicated on the Drawings.

2.07 WALL PLATES

A. Wall Plates: Comply with UL 514D.
1. Configuration: One piece cover as required for quantity and types of corresponding wiring devices.
2. Size: Standard.
3. Screws: Metal with slotted heads finished to match wall plate finish.

B. Cover Plates: Smooth stainless steel.

C. Weatherproof covers to be metal hinged covers that allows cord to be plugged in with cover closed.

2.08 FLOOR BOX SERVICE FITTINGS

A. Manufacturers:
1. Hubbell Incorporated; _____: www.hubbell.com/#sle.
2. Thomas & Betts Corporation; _____: www.tnb.com/#sle.
3. Wiremold, a brand of Legrand North America, Inc; _____: www.legrand.us/#sle.
4. Substitutions: See Section 01 60 00 - Product Requirements.

B. Description: Refer to drawings for information.

2.09 POKE-THROUGH ASSEMBLIES

A. Manufacturers:
1. Hubbell Wiring Devices - Kellems: www.hubbell-wiring.com.
2. Thomas & Betts Corporation: www.tnb.com.
3. Wiremold Company: www.wiremold.com.

4. Substitutions: See Section 01600 - Product Requirements.

B. Description: Assembly comprising floor service fitting, poke-through component, fire stops and smoke barriers, and junction box for conduit termination; fire rating listed to match fire rating of floor and suitable for floor thickness where installed.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that field measurements are as indicated.

B. Verify that outlet boxes are installed in proper locations and at proper mounting heights and are properly sized to accommodate devices and conductors in accordance with NFPA 70.

C. Verify that wall openings are neatly cut and will be completely covered by wall plates.

D. Verify that final surface finishes are complete, including painting.

E. Verify that branch circuit wiring installation is completed, tested, and ready for connection to wiring devices.

F. Verify that conditions are satisfactory for installation prior to starting work.

3.02 PREPARATION

A. Provide extension rings to bring outlet boxes flush with finished surface.

B. Clean dirt, debris, plaster, and other foreign materials from outlet boxes.

3.03 INSTALLATION

A. Perform work in accordance with NECA 1 (general workmanship) and, where applicable, NECA 130, including mounting heights specified in those standards unless otherwise indicated.

B. Coordinate locations of outlet boxes provided under Section 26 05 33.16 as required for installation of wiring devices provided under this section.

C. Install wiring devices in accordance with manufacturer's instructions.

D. Install permanent barrier between ganged wiring devices when voltage between adjacent devices exceeds 300 V.

E. Where required, connect wiring devices using pigtails not less than 6 inches long. Do not connect more than one conductor to wiring device terminals.

F. Modular wiring devices are seen as an acceptable alternative at the discretion of the contractor. Receptacles must meet UL498 and Federal Specification WC-596 requirements. Switches must meet UL20 and Federal Specification WC-896 requirements. Prewired terminal application pigtail connectors must be crimped and welded.

G. Connect wiring devices by wrapping conductor clockwise 3/4 turn around screw terminal and tightening to proper torque specified by the manufacturer. Where present, do not use push-in pressure terminals that do not rely on screw-actuated binding.

H. Unless otherwise indicated, connect wiring device grounding terminal to branch circuit equipment grounding conductor and to outlet box with bonding jumper.

I. Provide GFCI receptacles with integral GFCI protection at each location indicated. Do not use feed-through wiring to protect downstream devices.

J. Install securely, in a neat and workmanlike manner, as specified in NECA 1.

K. Install wiring devices plumb and level with mounting yoke held rigidly in place.

L. Install wall switches with OFF position down.

M. Install wall dimmers to achieve full rating specified and indicated after derating for ganging as instructed by manufacturer.

N. Do not share neutral conductor on branch circuits utilizing wall dimmers.

O. Install vertically mounted receptacles with grounding pole on top and horizontally mounted receptacles with grounding pole on left.

P. Install wall plates to fit completely flush to wall with no gaps and rough opening completely covered without strain on wall plate. Repair or reinstall improperly installed outlet boxes or improperly sized rough openings. Do not use oversized wall plates in lieu of meeting this requirement.

Q. Install blank wall plates on junction boxes and on outlet boxes with no wiring devices installed or designated for future use.

R. Install poke-through closure plugs in each unused core holes to maintain fire rating of floor.

S. Connect wiring device grounding terminal to outlet box with bonding jumper.

T. Install standard plates on switch, receptacle, and blank outlets in finished areas.

U. Install galvanized steel plates on outlet boxes and junction boxes in unfinished areas, above accessible ceilings, and on surface mounted outlets.

3.04 INTERFACE WITH OTHER PRODUCTS

A. Coordinate locations of outlet boxes provided under Section 26 05 37 to obtain mounting heights specified.

B. Mounting heights refer to bottom of box.

C. Install wall switch 44 inches above finished floor.

D. Install convenience receptacle 16 inches above finished floor, UNO.

E. Install convenience receptacle 4 inches above backsplash of counter, UNO.

F. Install dimmer 44 inches above finished floor.

G. Install telephone jack 16 inches above finished floor, UNO.

H. Install telephone jack for side-reach wall telephone to position top of telephone at 44 inches above finished floor.

I. Install telephone jack for forward-reach wall telephone to position top of telephone at 48 inches above finished floor.

3.05 FIELD QUALITY CONTROL

A. See Section 01 43 00 - Quality Assurance, for additional requirements.

B. Inspect each wiring device for damage and defects.

C. Operate each wall switch, wall dimmer, and fan speed controller with circuit energized to verify proper operation.

D. Verify that each receptacle device is energized.

E. Test each receptacle to verify operation and proper polarity.

F. Test each GFCI receptacle for proper tripping operation according to manufacturer's instructions.

G. Correct wiring deficiencies and replace damaged or defective wiring devices.

3.06 ADJUSTING

A. Adjust devices and wall plates to be flush and level.

3.07 CLEANING

A. Clean exposed surfaces to remove dirt, paint, or other foreign material and restore to match original factory finish.

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FT LORAMIE ELEMENTARY SCHOOL RENOVATION

575 GREENBACK RD, FORT LORAMIE, OHIO 45845 (1)

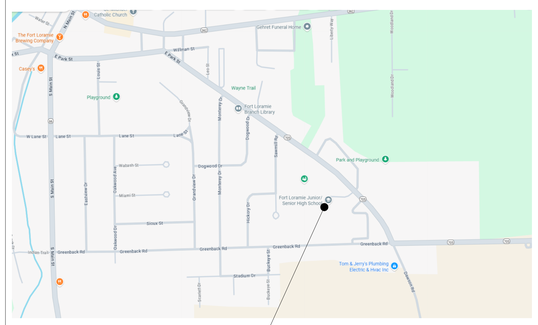
CONSTRUCTION DOCUMENTS **12/11/2025**

SHEET INDEX

GENERAL / CIVIL / LANDSCAPE / ARCHITECTURAL

SHEET NUMBER	SHEET NAME
G0.1	COVER SHEET
G1.0	CODE PLANS
SS1.1	SITE SURVEY
L0.1	SITE LOGISTICS PLAN
LD1.1	SITE DEMOLITION PLAN
C0.1	GENERAL NOTES
C1.1	GRADING PLAN
C1.2	PAVEMENT ELEVATIONS PLAN
L1.1	SITE LAYOUT AND MATERIALS PLAN
AD1.1	FIRST FLOOR PLAN / ROOF PLAN DEMO
A1.1	FIRST FLOOR PLAN
A2.1	EXTERIOR ELEVATIONS
A8.1	FIRST FLOOR EQUIPMENT PLAN
A9.1	FIRST FLOOR FINISHES PLAN
S0.1	GENERAL STRUCTURAL INFORMATION
S1.1	STRUCTURAL PLANS
S2.1	STRUCTURAL DETAILS
S3.1	STRUCTURAL DETAILS
FP1.1	FIRE PROTECTION PLAN
E1.1	GENERAL NOTES, ABBREVIATIONS, LEGENDS AND SHEET INDEX
ED1.1	ELECTRICAL DEMOLITION PLAN
E1.2	ELECTRICAL DETAILS AND LUMINAIRE SCHEDULE
E2.1	SITE ELECTRICAL PLAN
E3.1	ELECTRICAL PLAN - UNIT A
T1.1	GENERAL NOTES, ABBREVIATIONS, LEGENDS, DIAGRAMS AND SHEET INDEX
T1.2	TECHNOLOGY DETAILS
TC1.1	TECHNOLOGY CABLING PLAN
TE1.1	TECHNOLOGY EQUIPMENT PLAN

(2)



600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

CIVIL ENGINEER:

CHOICE ONE ENGINEERING

440 EAST HOEWISHER ROAD
SIDNEY, OH 45365

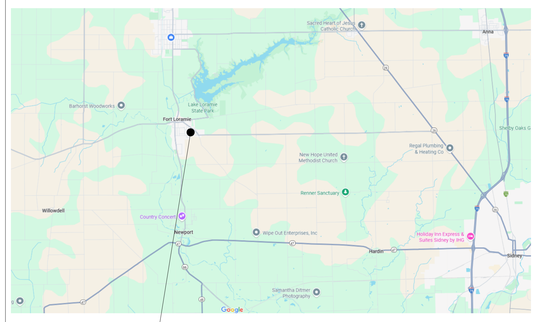
PH: (937) 497-0200

STRUCTURAL ENGINEER:

JEZERINAC GEERS & ASSOCIATES, INC.

5640 FRANTZ ROAD
DUBLIN, OH 43017

PH: (614) 766-0066



600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

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GARMANN MILLER

38 SOUTH LINCOLN DRIVE
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SUITE 200
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317.343.9343

1690 BROADWAY
SUITE 19-455
FORT WAYNE, INDIANA
260.299.4240

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MINSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
(HOME OFFICE)

FT LORAMIE ELEMENTARY SCHOOL RENOVATION
ADDITION FOR
575 GREENBACK RD, FORT LORAMIE, OHIO 45845 (1)

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 02	12/19/2025
2	ADDENDUM 05	01/8/2026

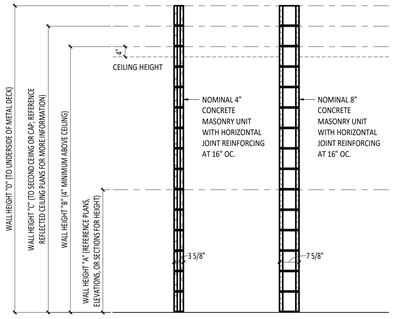
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25041.00	JCR	LKL

SHEET TITLE:
COVER SHEET

SHEET NUMBER:
G0.1

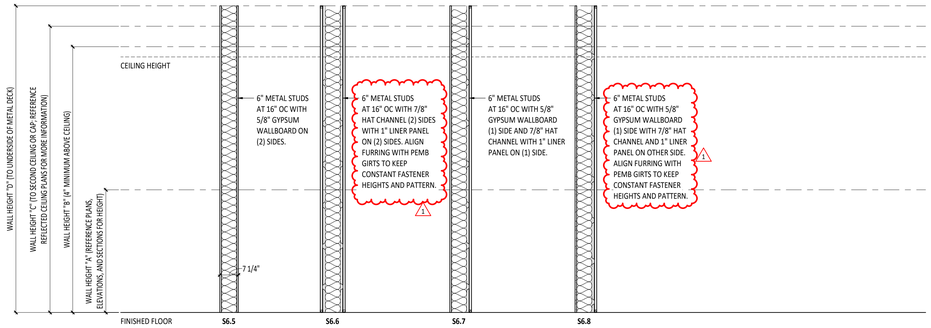
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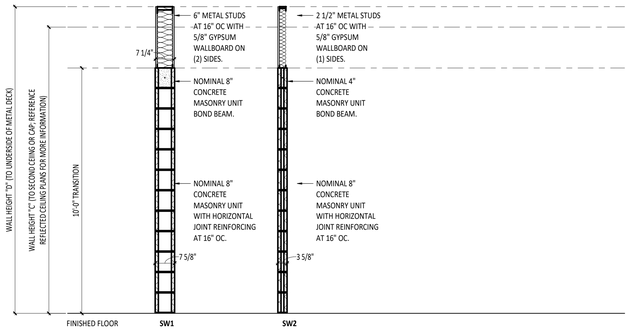
REFERENCE FLOOR PLANS FOR LOCATIONS.

1 A0.2 CONCRETE MASONRY WALL TYPES (M)
1/2" = 1'-0"



REFERENCE FLOOR PLANS FOR LOCATIONS.

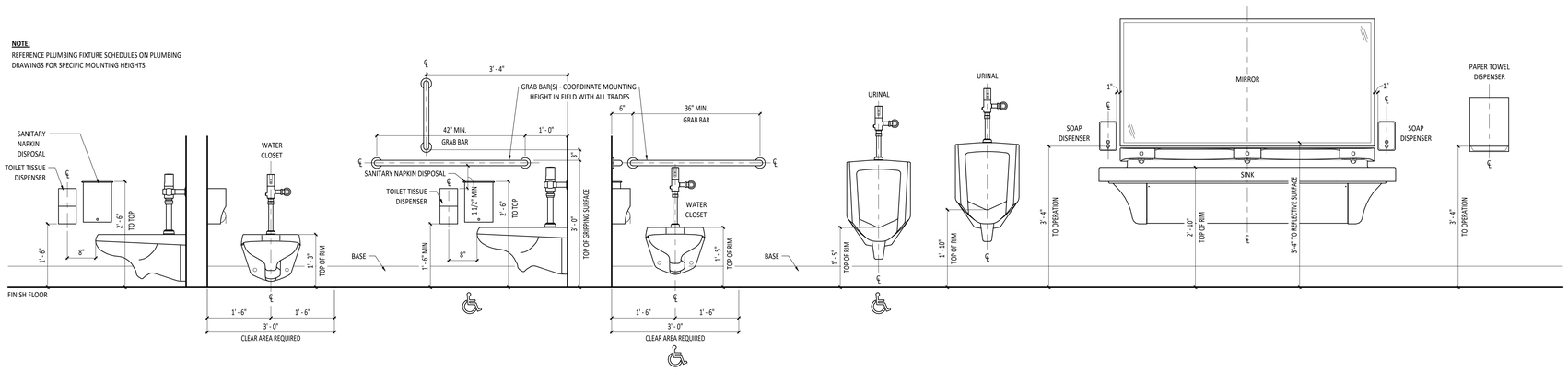
2 A0.2 STUD WALL TYPES (S)
1/2" = 1'-0"

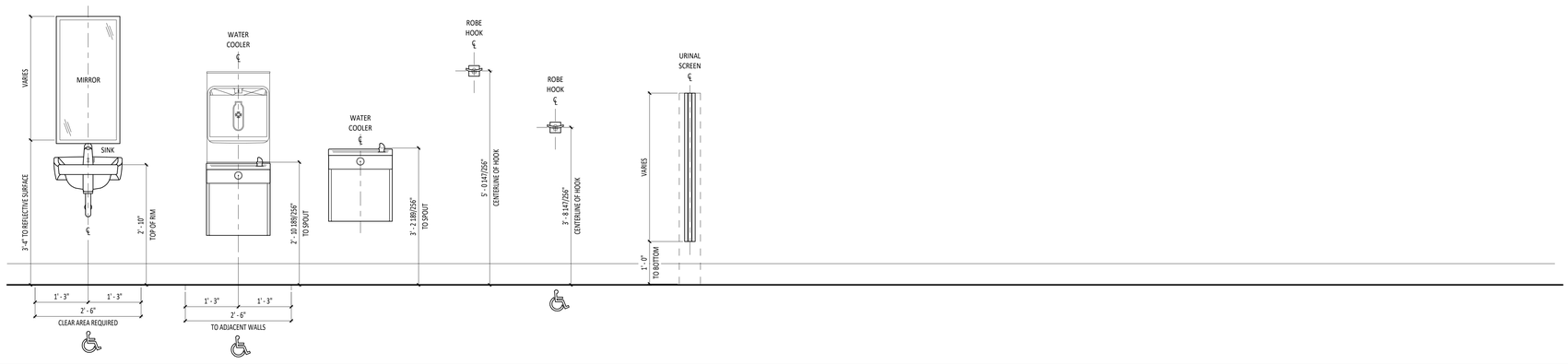


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3 A0.2 STACKED WALL TYPES (SW)
1/2" = 1'-0"

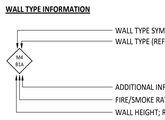
NOTE:
REFERENCE PLUMBING FIXTURE SCHEDULES ON PLUMBING DRAWINGS FOR SPECIFIC MOUNTING HEIGHTS.





4 A0.2 MOUNTING HEIGHTS (7-ADULT)
3/4" = 1'-0"

WALL TYPE INFORMATION



ADDITIONAL INFORMATION

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

STATE OF OHIO
MATTHEW R. HIBNER
14160552
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #14160552
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
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NEW BUILDING FOR:
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 05	01/08/2026

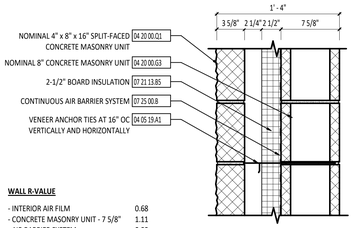
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25041.00	MDB	JCR

SHEET TITLE:
WALL TYPES / MOUNTING HEIGHTS

SHEET NUMBER:
A0.2

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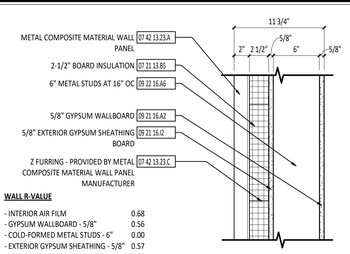
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WALL R-VALUE

- INTERIOR AIR FILM	0.68
- CONCRETE MASONRY UNIT - 7 5/8"	1.11
- AIR BARRIER SYSTEM	0.00
- CAVITY INSULATION - 2 1/2"	15.00
- AIR CAVITY - 2 1/4"	1.00
- BRICK MASONRY - 3 5/8"	0.44
- EXTERIOR AIR FILM	0.17
TOTAL R-VALUE	**18.40**

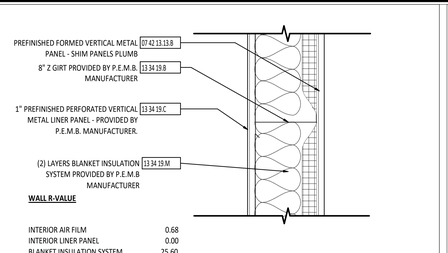
1 A4.3 **EXTERIOR WALL ASSEMBLY**
1 1/2" = 1'-0"



WALL R-VALUE

- INTERIOR AIR FILM	0.68
- GYPSUM WALLBOARD - 5/8"	0.56
- COLD-FORMED METAL STUDS - 6"	0.00
- EXTERIOR GYPSUM SHEATHING - 5/8"	0.57
- AIR BARRIER SYSTEM	0.00
- BOARD INSULATION - 2 1/2"	17.80
- AIR CAVITY	1.00
- METAL COMPOSITE WALL PANEL - 2"	0.61
- EXTERIOR AIR FILM	0.17
TOTAL R-VALUE	**21.39**

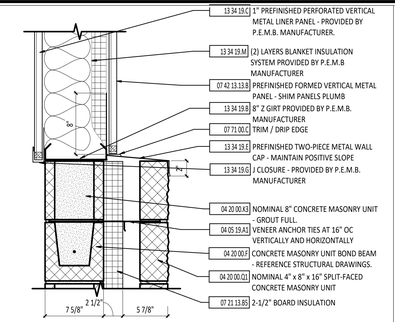
2 A4.3 **EXTERIOR WALL ASSEMBLY**
1 1/2" = 1'-0"



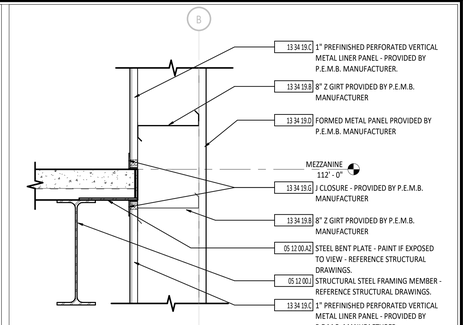
WALL R-VALUE

INTERIOR AIR FILM	0.68
INTERIOR LINER PANEL	0.00
BLANKET INSULATION SYSTEM	25.60
AIR CAVITY AND GIRT SPACE - 8"	1.00
INSULATED METAL SIDING	0.61
EXTERIOR AIR FILM	0.17
TOTAL R-VALUE	**28.06**

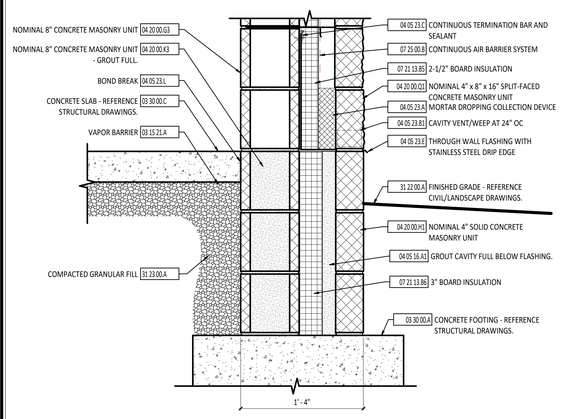
3 A4.3 **EXTERIOR WALL ASSEMBLY**
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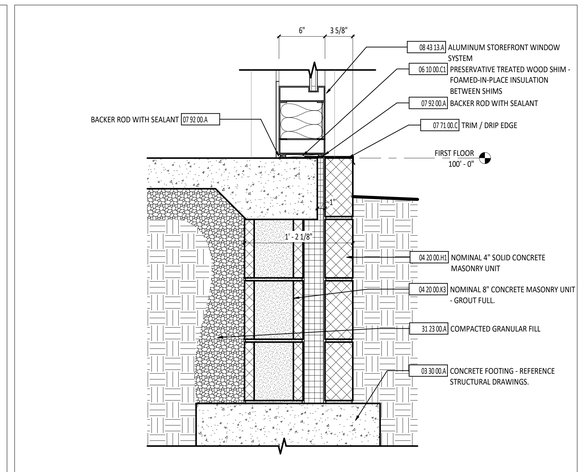
4 A4.3 **P.E.M.B. MIDWALL DETAIL**
1 1/2" = 1'-0"



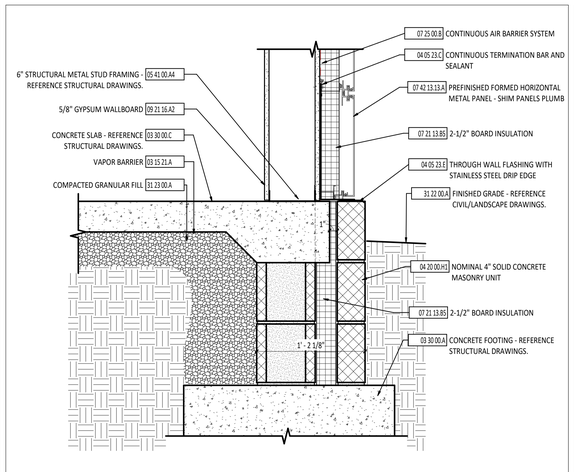
5 A4.3 **WALL SECTION DETAIL**
1 1/2" = 1'-0"



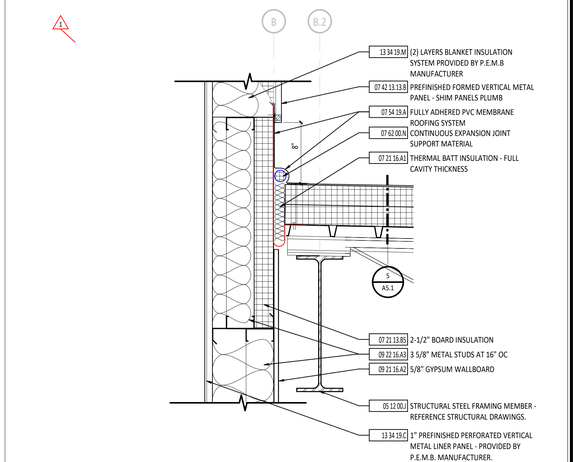
6 A4.3 **TYPICAL FOUNDATION DETAIL**
1 1/2" = 1'-0"



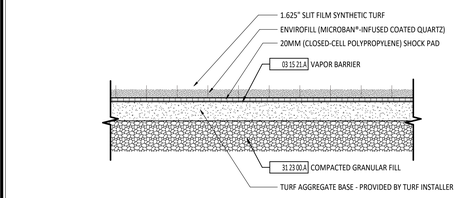
7 A4.3 **TYPICAL FOUNDATION DETAIL**
1 1/2" = 1'-0"



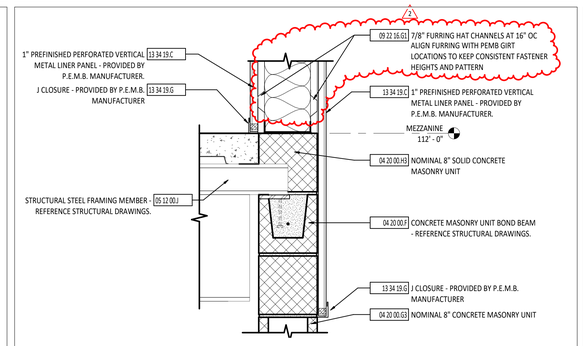
8 A4.3 **TYPICAL FOUNDATION DETAIL**
1 1/2" = 1'-0"



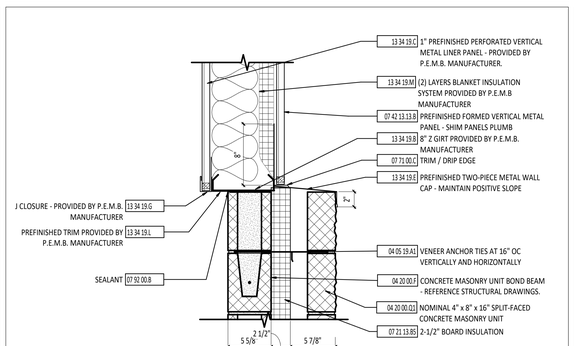
9 A4.3 **APRON WALL DETAIL**
1 1/2" = 1'-0"



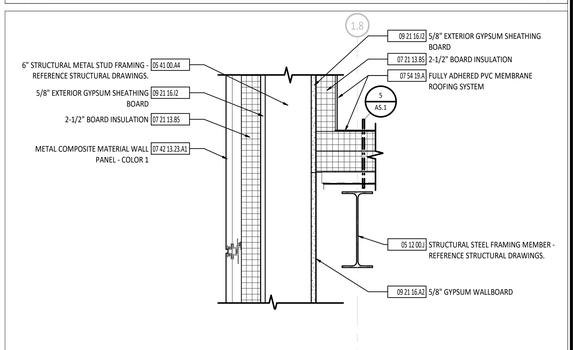
10 A4.3 **CONCRETE SLAB ASSEMBLY**
1 1/2" = 1'-0"



11 A4.3 **MEZZANINE MIDWALL DETAIL**
1 1/2" = 1'-0"



12 A4.3 **P.E.M.B. MIDWALL DETAIL (6" CMU)**
1 1/2" = 1'-0"



13 A4.3 **APRON WALL DETAIL**
1 1/2" = 1'-0"

14 A4.3 **TURF ASSEMBLY**
1 1/2" = 1'-0"

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STATE OF OHIO
MATTHEW R. HIBNER
#1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
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mmhgroup.com

NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 03	12/30/2025
2	ADDENDUM 05	01/08/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	JCR

SHEET TITLE:

SECTION DETAILS

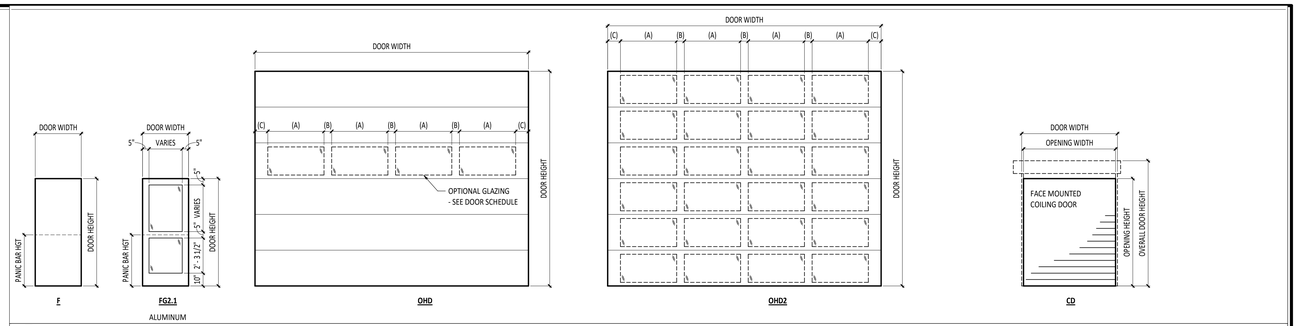
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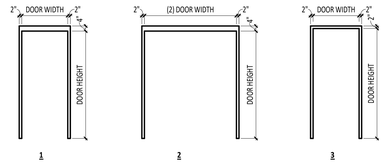
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DOOR/OPENING SCHEDULE

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
A100a	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE1	EG1	5/A6.2	7/A6.2	11/A6.1	1.0	EXT	Exterior	-	3
A100b	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE1	EG1	5/A6.2	7/A6.2	11/A6.1	3.0	EXT	Exterior	-	3
A100c	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE1	EG1	5/A6.2	7/A6.2	11/A6.1	4.0	EXT	Exterior	-	3
A100d	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE1	EG1	5/A6.2	7/A6.2	11/A6.1	5.0	EXT	Exterior	-	3
A101a	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	G2	4 1/2"	AL	SF4	-	9/A6.2	11/A6.2	-	10.0	A101	Interior	-	
A101b	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	G2	4 1/2"	AL	SF4	-	9/A6.2	11/A6.2	-	11.0	A101	Interior	-	
A102	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1		22.0	A101	Interior	-	
A103	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1		16.0	A101	Interior	-	
A104	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1		19.0	A101	Interior	-	
A105a	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	G1	4 1/2"	AL	SF1	G1	9/A6.2	11/A6.2	-	12.0	A101	Interior	-	
A105b	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	G1	4 1/2"	AL	SF1	G1	9/A6.2	11/A6.2	-	13.0	A101	Interior	-	
A105c	10'-0" x 8'-0"	2 1/8"	AL	OHD2	G2	2"	STL	-	-	17/A6.2	18/A6.2		26.0	-	Interior	-	
A105d	10'-0" x 8'-0"	2 1/8"	AL	OHD2	G2	2"	STL	-	-	17/A6.2	18/A6.2		26.0	-	Interior	-	
A105e	4'-0" x 7'-10"	1 3/4"	AL	FG2.1	G2	4 1/2"	AL	SF6	G2	9/A6.2	11/A6.2	-	14.0	A107	Interior	-	
A105g	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE6	EG1	5/A6.2	7/A6.2	11/A6.1	7.0	EXT	Exterior	-	
A105h	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE6	EG1	5/A6.2	7/A6.2	11/A6.1	6.0	EXT	Exterior	-	
A105j	3'-0" x 7'-10"	1 3/4"	FRP	F	-	8 3/4"	HM	3	-	9/A6.1	10/A6.1		20.0	A106	Interior	-	
A106a	3'-0" x 7'-2"	1 3/4"	FRP	F	-	6"	AL	SFE9	-	3/A6.1	4/A6.1	5/A6.1	8.0	-	Exterior	-	
A106b	10'-0" x 10'-0"	2 1/8"	AL	OHD	G2	2"	STL		-	6/A6.1	7/A6.1	8/A6.1	26.0	-	Exterior	-	
A106c	3'-0" x 7'-2"	1 3/4"	FRP	F		6"	AL	SFE9		3/A6.1	4/A6.1	5/A6.1	9.0	-	Exterior	-	
A107a	8'-0" x 8'-0"	3/4"	AL	CD	-	3 3/4"	STL	-	-	12/A6.1	13/A6.1		26.0	-	Interior	-	
A107b	2'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	20.0	A107	Interior	-	
A108	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	23.0	A107	Interior	-	
A109	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	23.0	A107	Interior	-	
A110a	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	25.0	-	Interior	-	
A110b	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	25.0	-	Interior	-	
A112a	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	25.0	-	Interior	-	
A112b	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	25.0	-	Interior	-	
A114	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	24.0	-	Interior	-	
A115	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	19.0	A114	Interior	-	
A116	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	21.0	A114	Interior	-	
A117	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	21.0	A114	Interior	-	
A118a	(2) 3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	2	-	9/A6.1	10/A6.1	-	17.0	A106	Interior	-	
A118b	(2) 3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	2	-	9/A6.1	10/A6.1	-	18.0	A120	Interior	-	
A119a	3'-0" x 7'-2"	1 3/4"	FRP	F	-	6"	AL	SFE9	-	3/A6.1	4/A6.1	5/A6.1	9.0	-	Exterior	-	
A119b	10'-0" x 8'-0"	3/4"	AL	CD	-	3 3/4"	STL	-	-	12/A6.1	13/A6.1		26.0	-	Interior	-	
A120b	3'-0" x 7'-2"	1 3/4"	FRP	F	-	6"	AL	SFE9	-	3/A6.1	4/A6.1	5/A6.1	9.0	-	Exterior	-	
A120c	10'-0" x 10'-0"	2 1/8"	AL	OHD	G2	2"	STL	-	-	6/A6.1	7/A6.1	8/A6.1	26.0	-	Exterior	-	
A121	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	17.0	A120	Interior	-	
A202a	3'-0" x 7'-0"	1 3/4"	FRP	F	-	7 5/8"	HM	1	-	14/A6.1	15/A6.1		15.0	A201	Interior	-	
A202b	10'-0" x 8'-0"	2 1/8"	AL	OHD2	G2	3 3/4"	STL	-	-	15/A6.2	16/A6.2		26.0	-	Interior	-	
A203	(2) 3'-0" x 7'-0"	1 3/4"	FRP	F	-	7 5/8"	HM	2	-	14/A6.1	15/A6.1		17.0	A201	Interior	-	



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



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

DOOR GENERAL NOTES

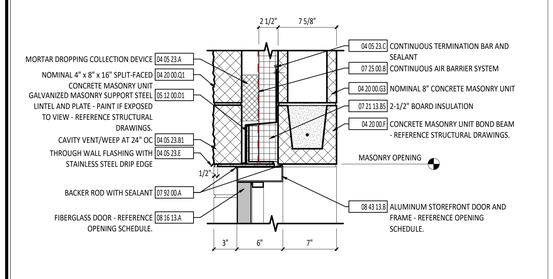
A REFERENCE A6 SHEETS FOR DOOR AND STOREFRONT DETAILS.
B REFERENCE SPECIFICATION SECTION 08 71 00 FOR HARDWARE SETS.
C USE TYPE "X" GYSPUM WALLBOARD WHERE FIRE-RATED WALL ASSEMBLIES ARE CALLED OUT ON THE A1 UNIT PLANS.

DOOR/OPENING SCHEDULE NOTES

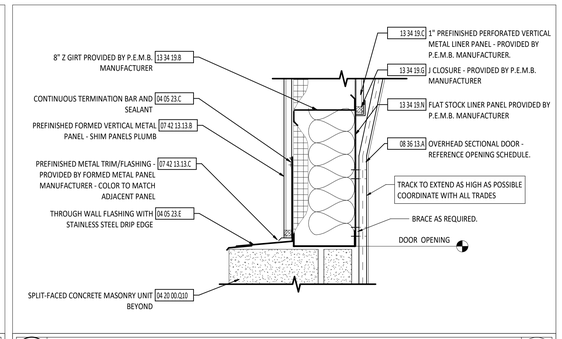
1. DOOR AND FRAME/LOCK BY SECTION 08 80 00.
2. REFERENCE ELECTRONIC SCHEMATIC WIRING DIAGRAM DETAIL ELECTRICAL AND TECHNOLOGY SHEETS
3. REMOVABLE MULLION.

DOOR/OPENING SCHEDULE ABBREVIATIONS

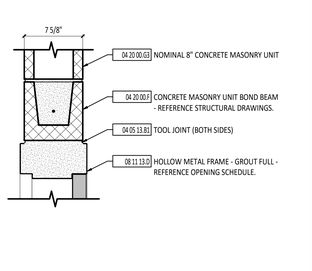
SYMBOL	DESCRIPTION
AL	ALUMINUM
CD	COILING DOOR
DG	DIFFUSING GLASS
F	FLUSH
FG	FULL GLASS
FRG	FIRE RATED GLASS
HG	HALF GLASS
HM	HOLLOW METAL
IG	INSULATED GLASS
LG	LAMINATED GLASS
N	NARROW LITE
OHD	OVERHEAD SECTIONAL DOOR
SG	SAFETY GLASS
TG	TEMPERED GLASS
W	WOOD



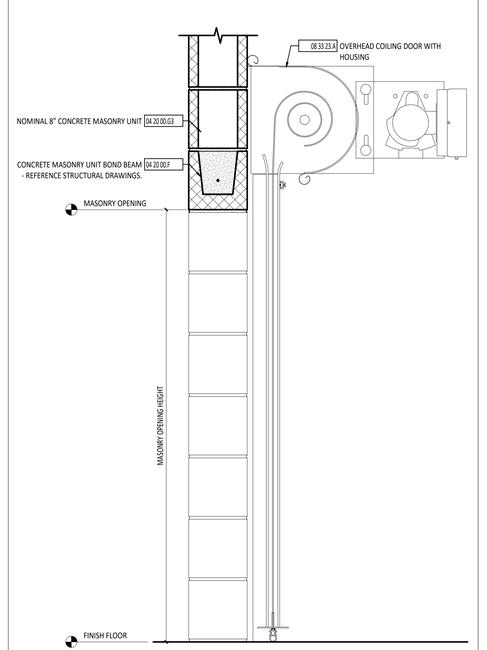
3 A6.1 HEAD DETAIL - EXTERIOR 1 1/2" = 1'-0"



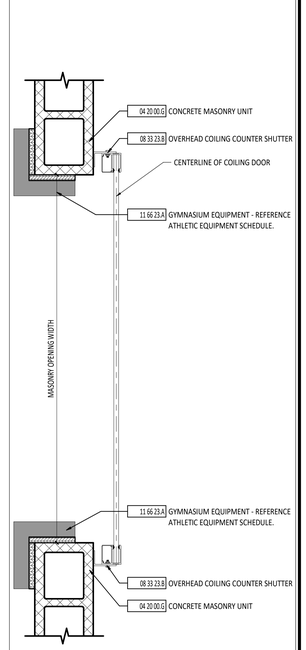
6 A6.1 HEAD DETAIL - EXTERIOR 1 1/2" = 1'-0"



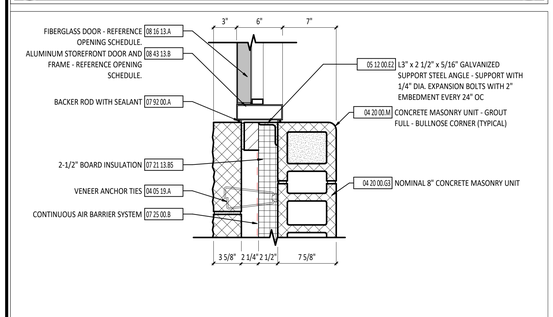
9 A6.1 HEAD DETAIL - INTERIOR 1 1/2" = 1'-0"



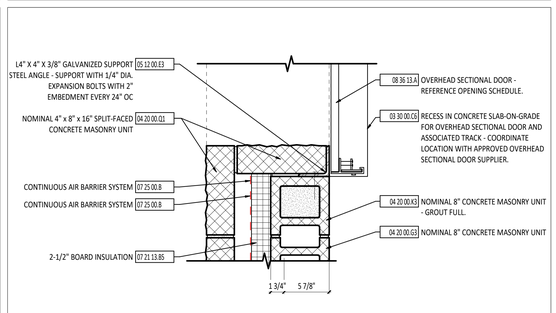
12 A6.1 HEAD DETAIL - INTERIOR 1 1/2" = 1'-0"



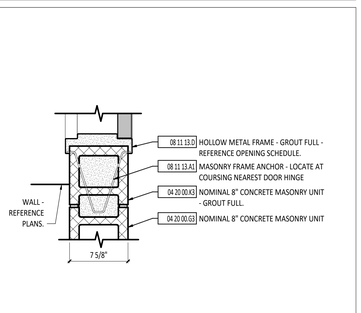
13 A6.1 JAMB DETAIL - INTERIOR 1 1/2" = 1'-0"



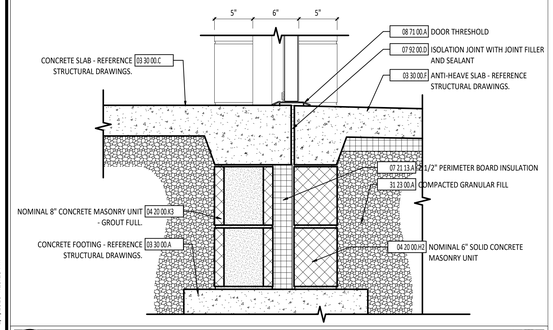
4 A6.1 JAMB DETAIL - EXTERIOR 1 1/2" = 1'-0"



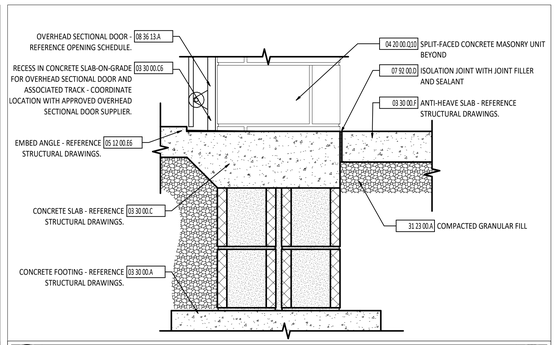
7 A6.1 JAMB DETAIL - EXTERIOR 1 1/2" = 1'-0"



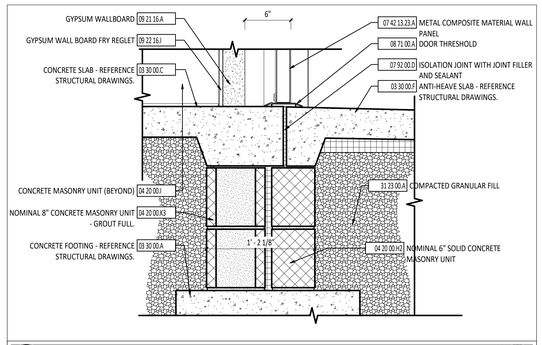
10 A6.1 JAMB DETAIL - INTERIOR 1 1/2" = 1'-0"



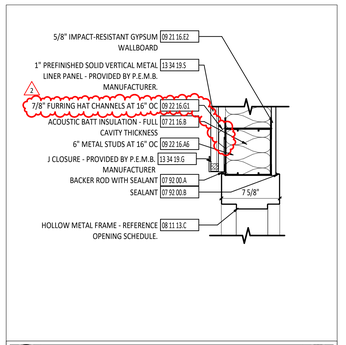
5 A6.1 SILL DETAIL - EXTERIOR 1 1/2" = 1'-0"



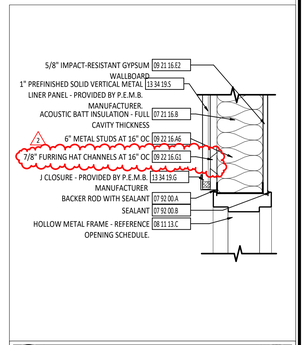
8 A6.1 SILL DETAIL - EXTERIOR 1 1/2" = 1'-0"



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



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



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

PRINTED ON: 1/7/2026 4:10:18 PM

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2027

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 03	12/30/2025
2	ADDENDUM 05	01/08/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	JCR

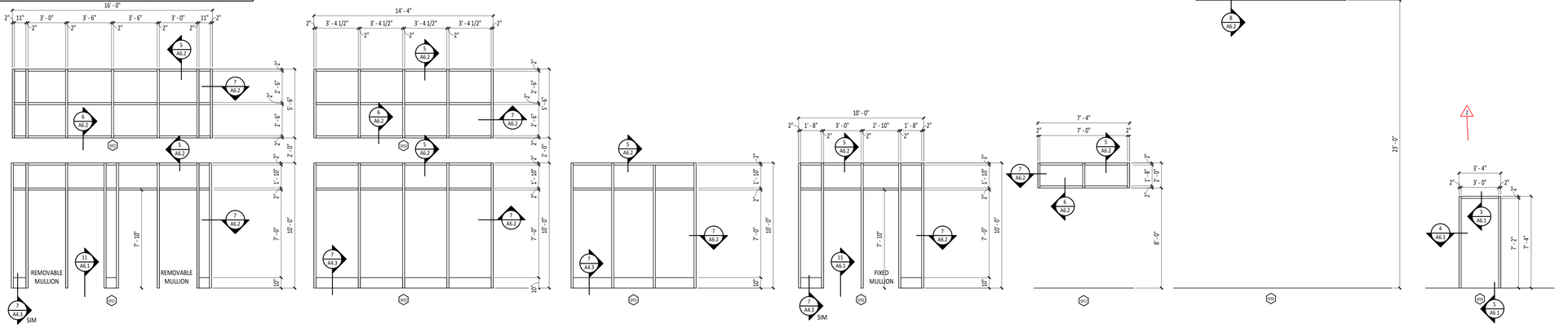
SHEET TITLE:
DOOR SCHEDULE AND DETAILS

SHEET NUMBER:
A6.1

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EXTERIOR STOREFRONT SCHEDULE

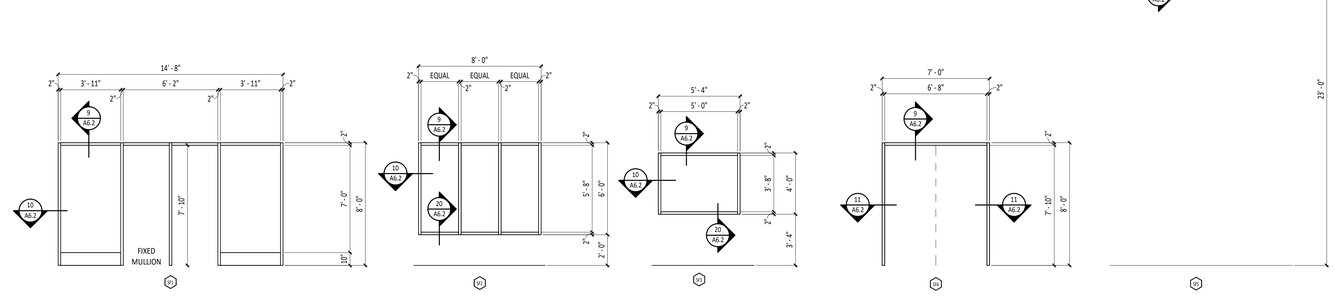
MARK	DESCRIPTION	FUNCTION	NOTES
SFE1	2" x 6" - STOREFRONT - FRONT SET	Exterior	EG-1
SFE2	2" x 6" - STOREFRONT - FRONT SET	Exterior	EG-1
SFE3	2" x 6" - STOREFRONT - FRONT SET	Exterior	EG-1
SFE4	2" x 6" - STOREFRONT - FRONT SET	Exterior	EG-1
SFE5	2" x 6" - STOREFRONT - FRONT SET	Exterior	EG-1
SFE6	2" x 6" - STOREFRONT - FRONT SET	Exterior	EG-1
SFE7	2" x 6" - STOREFRONT - FRONT SET	Exterior	EG-1
SFE8	2" x 6" - STOREFRONT - FRONT SET	Exterior	EG-2
SFE9	2" x 6" - STOREFRONT - FRONT SET	Exterior	-



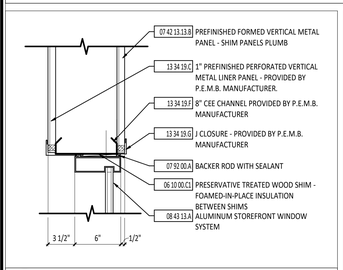
1 A6.2 — STOREFRONT ELEVATIONS - EXTERIOR
1/4" = 1'-0"

INTERIOR STOREFRONT SCHEDULE

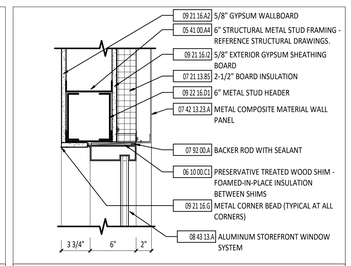
MARK	DESCRIPTION	FUNCTION	NOTES
SF1	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	G-1
SF2	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	G-1
SF3	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	G-1
SF4	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	G-2
SF5	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	G-2
SF6	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	G-2



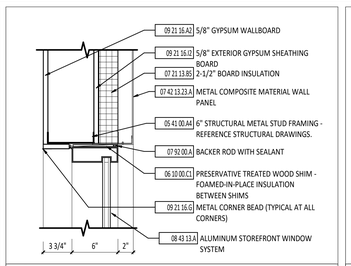
2 A6.2 — STOREFRONT ELEVATIONS - INTERIOR
1/4" = 1'-0"



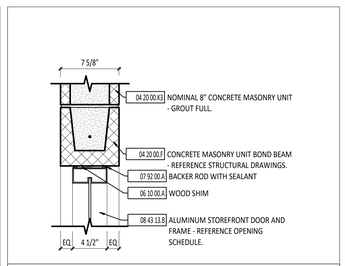
3 A6.2 — HEAD DETAIL - EXTERIOR
1 1/2" = 1'-0"



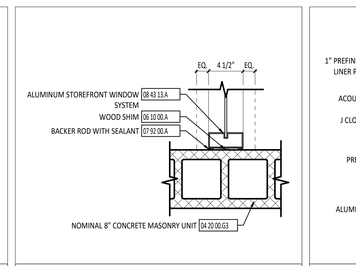
5 A6.2 — HEAD DETAIL - EXTERIOR
1 1/2" = 1'-0"



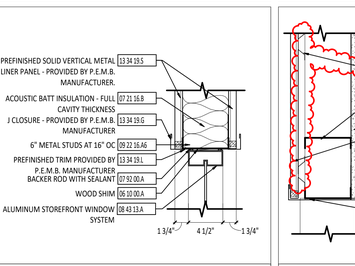
7 A6.2 — JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"



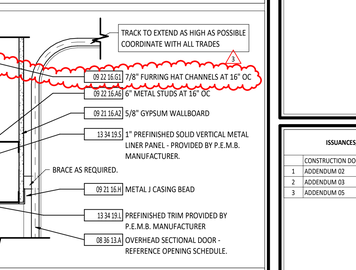
9 A6.2 — HEAD DETAIL - INTERIOR
1 1/2" = 1'-0"



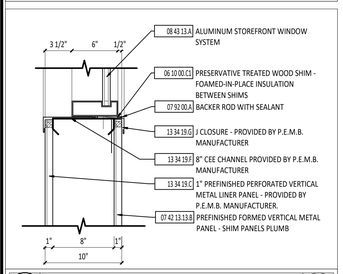
11 A6.2 — JAMB DETAIL - INTERIOR
1 1/2" = 1'-0"



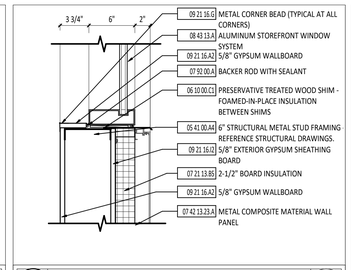
13 A6.2 — JAMB DETAIL - INTERIOR
1 1/2" = 1'-0"



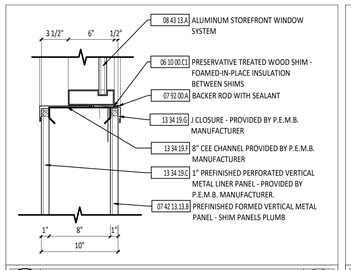
15 A6.2 — HEAD DETAIL - INTERIOR
1 1/2" = 1'-0"



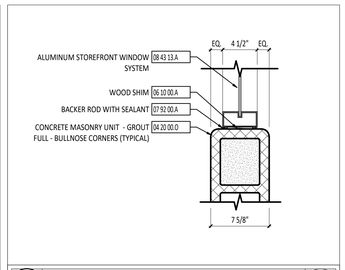
4 A6.2 — JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"



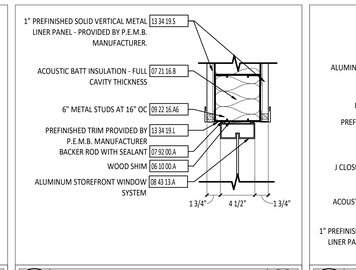
6 A6.2 — SILL DETAIL - EXTERIOR
1 1/2" = 1'-0"



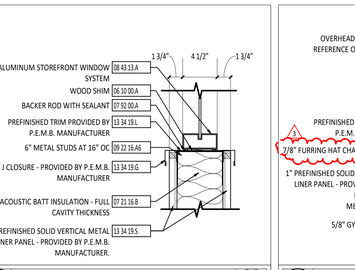
8 A6.2 — SILL DETAIL - EXTERIOR
1 1/2" = 1'-0"



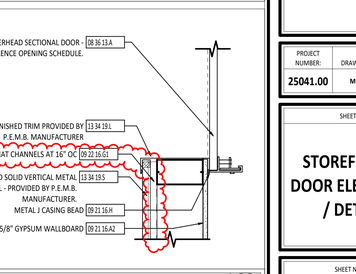
10 A6.2 — JAMB DETAIL - INTERIOR
1 1/2" = 1'-0"



12 A6.2 — HEAD DETAIL - INTERIOR
1 1/2" = 1'-0"



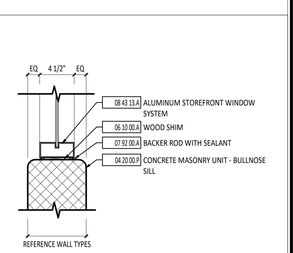
14 A6.2 — SILL DETAIL - INTERIOR
1 1/2" = 1'-0"



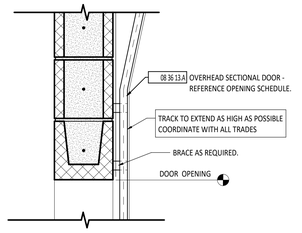
16 A6.2 — JAMB DETAIL - INTERIOR
1 1/2" = 1'-0"

CURTAIN WALL/STOREFRONT AND WINDOW TYPE SYMBOLS LEGEND

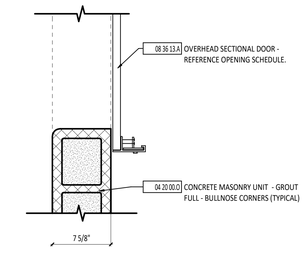
- X — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- LEVEL / ELEVATION — LEVEL LINE
- X / XX.X — SECTION: DETAIL NUMBER / SHEET NUMBER



20 A6.2 — SILL DETAIL - INTERIOR
1 1/2" = 1'-0"



17 A6.2 — HEAD DETAIL - EXTERIOR
1 1/2" = 1'-0"



18 A6.2 — JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 02	12/19/2025
2	ADDENDUM 03	12/30/2025
3	ADDENDUM 05	01/08/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	JCR

SHEET TITLE:
STOREFRONT & DOOR ELEVATIONS / DETAILS

SHEET NUMBER:
A6.2

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TACKBOARD SCHEDULE

MARK	LENGTH	HEIGHT	TOP AFF	BOTTOM AFF	DESCRIPTION	FRAME	NOTES
TB-4x4c	4' - 0"	4' - 0"	7' - 0"	3' - 0"	TACKBOARD	•	

EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	NOTES
E01	CUBE ICE MACHINE	SCOTSMAN	CU0515GA-1A	1
E02	DRYER - FRONT LOAD	WHIRLPOOL	WTW5020SW	2
E03	WASHER - TOP LOAD	WHIRLPOOL	WTW4816FW	2
E04	SURFACE MOUNTED PROJECTION SCREEN	DA-LITE	92688 MODEL C WITH CSR	1

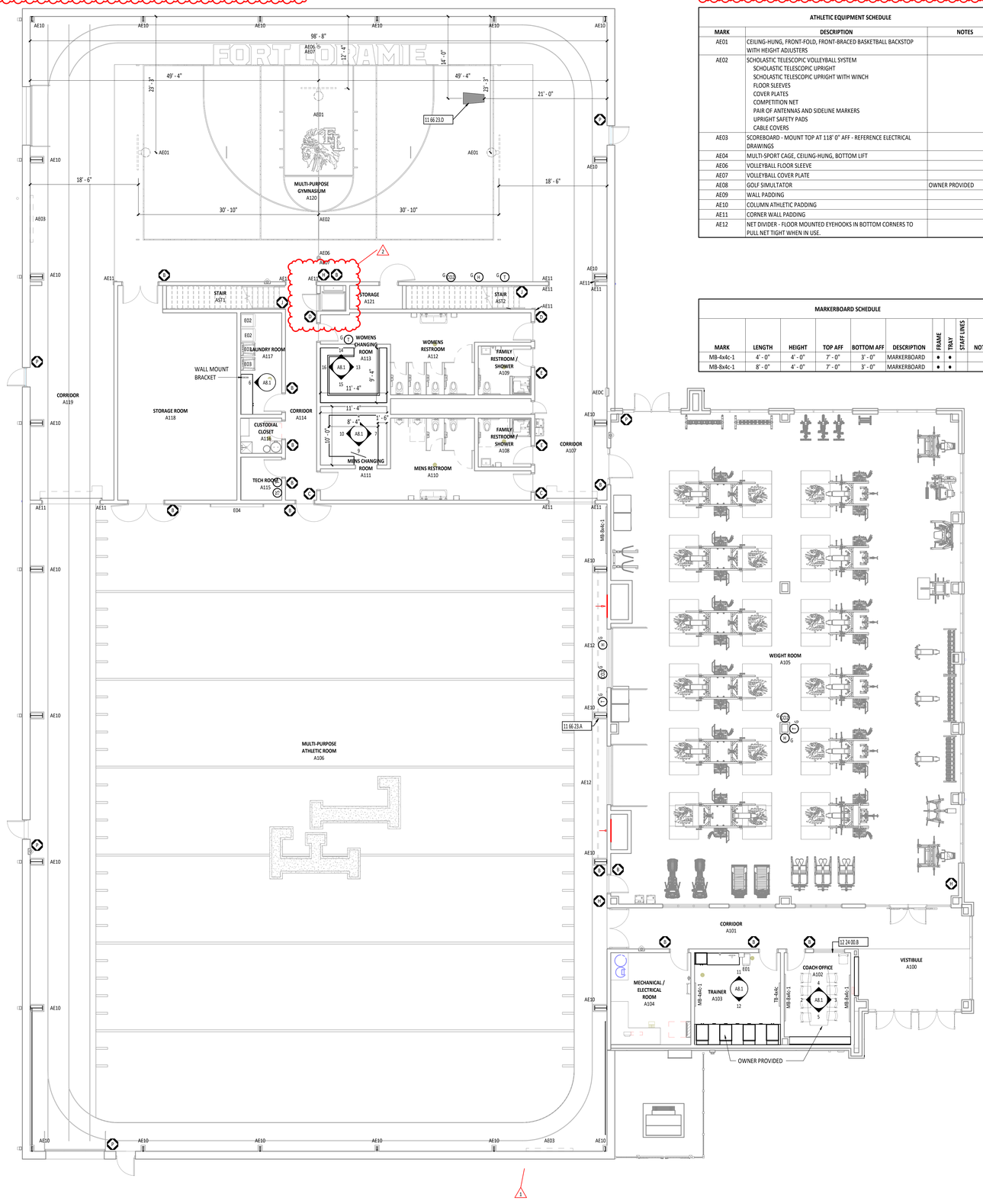
NOTES:
1. TO BE PROVIDED BY CONTRACTOR
2. TO BE PROVIDED BY OWNER

ATHLETIC EQUIPMENT SCHEDULE

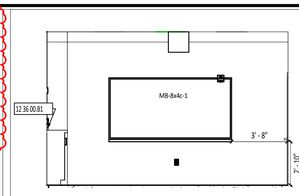
MARK	DESCRIPTION	NOTES
AE01	CEILING-HUNG, FRONT-FOLD, FRONT-BRACED BASKETBALL BACKSTOP WITH HEIGHT ADJUSTERS	
AE02	SCHOLASTIC TELESCOPIC VOLLEYBALL SYSTEM SCHOLASTIC TELESCOPIC UPRIGHT SCHOLASTIC TELESCOPIC UPRIGHT WITH WINCH FLOOR SLEEVES COVER PLATES COMPETITION NET PAIR OF ANTENNAS AND SIDELINE MARKERS UPRIGHT SAFETY PADS CABLE COVERS	
AE03	SCOREBOARD - MOUNT TOP AT 118' 0" AFF - REFERENCE ELECTRICAL DRAWINGS	
AE04	MULTI-SPORT CAGE, CEILING-HUNG, BOTTOM LIFT	
AE06	VOLLEYBALL FLOOR SLEEVE	
AE07	VOLLEYBALL COVER PLATE	
AE08	GOLF SIMULTATOR	OWNER PROVIDED
AE09	WALL PADDING	
AE10	COLUMN ATHLETIC PADDING	
AE11	CORNER WALL PADDING	
AE12	NET DIVIDER - FLOOR MOUNTED EYEHOOKS IN BOTTOM CORNERS TO PULL NET TIGHT WHEN IN USE.	

MARKERBOARD SCHEDULE

MARK	LENGTH	HEIGHT	TOP AFF	BOTTOM AFF	DESCRIPTION	FRAME	TRAY	ST/AFF LINES	NOTES
MB-4x4c-1	4' - 0"	4' - 0"	7' - 0"	3' - 0"	MARKERBOARD	•	•		
MB-8x4c-1	8' - 0"	4' - 0"	7' - 0"	3' - 0"	MARKERBOARD	•	•		

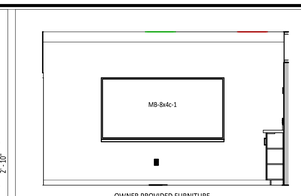


1 A8.1 **FIRST FLOOR EQUIPMENT PLAN**
1/8" = 1'-0"



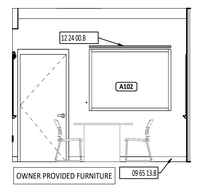
OWNER PROVIDED FURNITURE

2 A8.1 **COACHES OFFICE - A102 WEST**
1/4" = 1'-0"

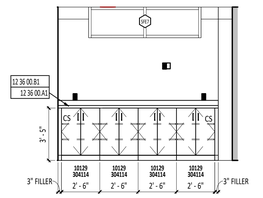


OWNER PROVIDED FURNITURE

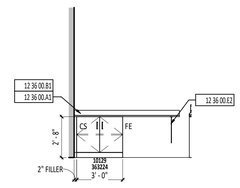
3 A8.1 **DESK ELEVATION - EAST A102**
1/4" = 1'-0"



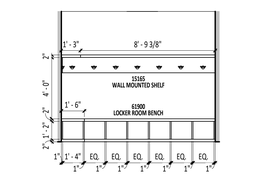
4 A8.1 **DESK ELEVATION - NORTH A102**
1/4" = 1'-0"



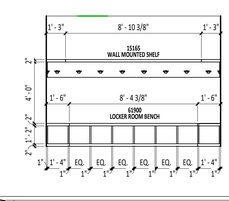
5 A8.1 **DESK ELEVATION - SOUTH A102**
1/4" = 1'-0"



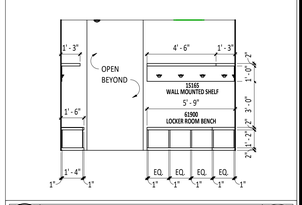
6 A8.1 **LAUNDRY ROOM - A117 WEST**
1/4" = 1'-0"



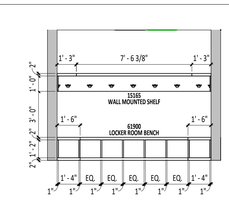
7 A8.1 **MENS LOCKER - A111 EAST**
1/4" = 1'-0"



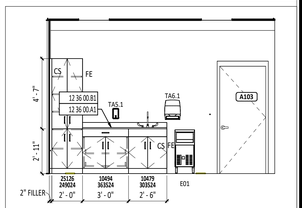
8 A8.1 **MENS LOCKER - A111 NORTH**
1/4" = 1'-0"



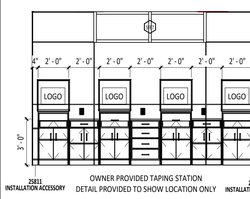
9 A8.1 **MENS LOCKER - A111 SOUTH**
1/4" = 1'-0"



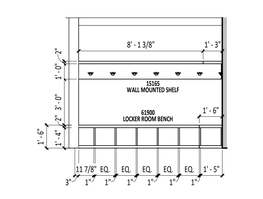
10 A8.1 **MENS LOCKER - A111 WEST**
1/4" = 1'-0"



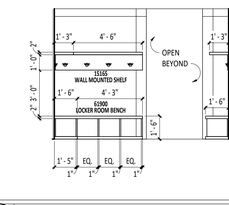
11 A8.1 **NORTH TRAINING ROOM - A103**
1/4" = 1'-0"



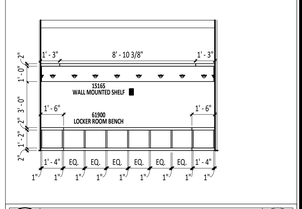
12 A8.1 **TRAINING ROOM - SOUTH A103**
1/4" = 1'-0"



13 A8.1 **WOMENS LOCKER - A113 EAST**
1/4" = 1'-0"



14 A8.1 **WOMENS LOCKER - A113 NORTH**
1/4" = 1'-0"



15 A8.1 **WOMENS LOCKER - A113 SOUTH**
1/4" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A100	VESTIBULE	323 SF	
A101	CORRIDOR	291 SF	
A102	COACH OFFICE	178 SF	1
A103	TRAINER	231 SF	2
A104	MECHANICAL / ELECTRICAL ROOM	215 SF	1
A105	WEIGHT ROOM	4,895 SF	98
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF	219
A107	CORRIDOR	456 SF	
A108	FAMILY RESTROOM / SHOWER	74 SF	
A109	FAMILY RESTROOM / SHOWER	73 SF	
A110	MENS RESTROOM	317 SF	
A111	MENS CHANGING ROOM	114 SF	2
A112	WOMENS RESTROOM	309 SF	
A113	WOMENS CHANGING ROOM	108 SF	2
A114	CORRIDOR	199 SF	
A115	TECH ROOM	52 SF	0
A116	CUSTODIAL CLOSET	42 SF	0
A117	LAUNDRY ROOM	122 SF	0
A118	STORAGE ROOM	689 SF	2
A119	CORRIDOR	529 SF	
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF	90
A121	STORAGE	31 SF	0
A122	LIFT	21 SF	
AST1	STAIR	82 SF	
AST2	STAIR	89 SF	

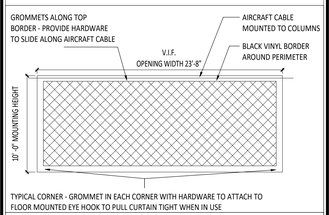
EQUIPMENT GENERAL NOTES

A. KEY CASEWORK LOCKS ALIKE PER ROOM. PROVIDE MASTER KEY FOR ALL LOCKS.
B. FOR ALL SINKS LABELED "ADA" REFERENCE SHEET A0.2.
C. RESILIENT BASE ALONG ALL CABINET BASE FRONTS IS TO BE PROVIDED BY SPECIFICATION SECTION 09 65 13.
D. ALL OPENINGS IN CASEWORK AND COUNTERTOPS TO BE CUT BY CASEWORK CONTRACTOR ONLY.
F. REFERENCE FINISH MATERIAL SCHEDULE FOR LAMINATE COLOR SELECTIONS.
G. GENERAL CONTRACTOR TO VERIFY INTERACTIVE WHITEBOARD SIZES AND PROVIDE A MAXIMUM OF 1" ON EACH SIDE BEFORE INSTALLING MARKERBOARDS AND TACKBOARDS.
H. PROVIDE 36" MAXIMUM GROMMET SPACING AT KNEE SPACE - GROMMET LOCATIONS TO BE IDENTIFIED IN SHOP DRAWINGS.
I. ALL LOCKER BANK FILLERS SHALL BE EQUAL WIDTHS AT EACH END.
J. PROVIDE BLANK BACKER ON OPPOSITE SIDE OF GLASS WHERE SIGNAGE IS MOUNTED TO GLASS - BACKER COLOR TO MATCH SIGNAGE.
K. ALL HORIZONTAL LAMINATE WORKSURFACES TO HAVE 3MM PVC EDGEBANDING MATCHING THE ADJACENT WORKSURFACE LAMINATE.
L. ALL WOOD GRAIN PLASTIC LAMINATES ARE TO BE INSTALLED WITH GRAIN RUNNING VERTICALLY UNLESS OTHERWISE NOTED.
M. ALL EXPOSED CABINET ENDS TO RECIEVE FINISH END UNLESS OTHERWISE NOTED.
N. FURNITURE TO BE OWNER PROVIDED

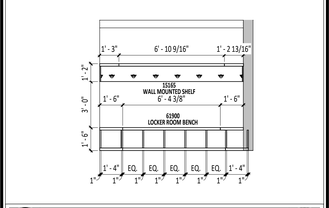
#	KEYNOTE DESCRIPTION
09 65 13.B	RESILIENT BASE - REFERENCE FINISH MATERIAL SCHEDULE.
11 66 23.A	GYMNASIUM EQUIPMENT - REFERENCE ATHLETIC EQUIPMENT SCHEDULE.
11 66 23.D	RECESSED POLE-VAULT TAKE OFF BOX AND RESIN FILLED COVER PLATE - COORDINATE LOCATION WITH OWNER.
12 24 00.B	MANUAL ROLLER SHADE SYSTEM
12 36 00.A1	PLASTIC LAMINATE COUNTERTOP
12 36 00.B1	4" HIGH BACKSPLASH - SAME MATERIAL AS COUNTERTOP AND HEIGHT AS LABELED UNLESS NOTED OTHERWISE
12 36 00.E2	2"W x 16"Hx 21"D COUNTER SUPPORT

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
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 — INTERIOR ELEVATION: DETAIL NUMBER / SHEET NUMBER
X / XX.X — SIM — SECTION: DETAIL NUMBER / SHEET NUMBER



17 A8.1 **PROTECTIVE NET DETAIL**
12" = 1'-0"



16 A8.1 **WOMENS LOCKER - A113 WEST**
1/4" = 1'-0"

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2027

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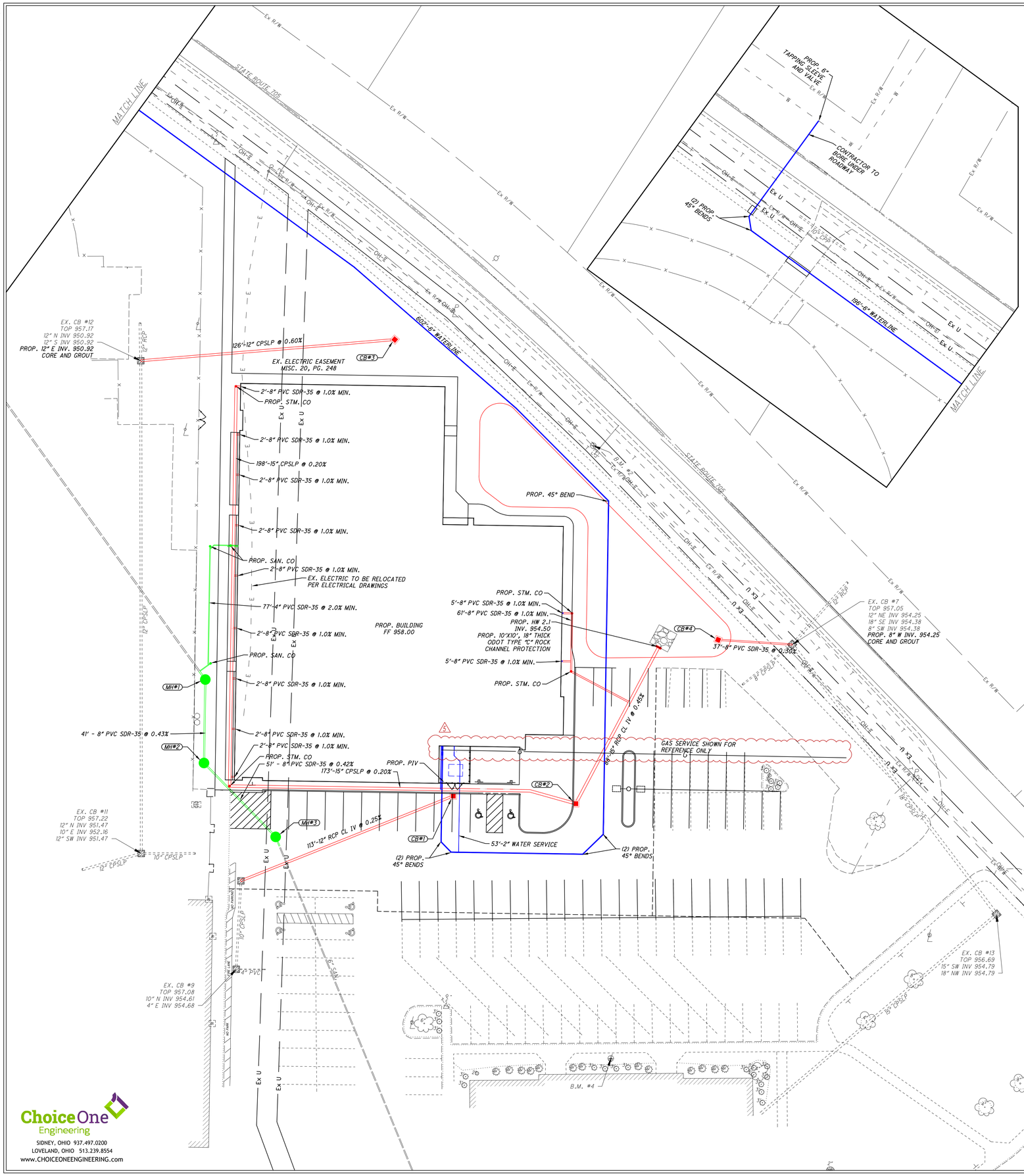
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	JCR

SHEET TITLE:
FIRST FLOOR EQUIPMENT PLAN

SHEET NUMBER:
A8.1

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NOTES:
CONTRACTOR TO VERIFY EXACT LOCATION, DEPTH AND SIZE OF UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY OWNER OF ANY CONFLICTS PRIOR TO THE INSTALLATION OF UTILITIES.

ALL UTILITIES TO BE INSTALLED PER CITY OF XXXX STANDARDS.

CONTRACTOR TO VERIFY AND LOCATE WHERE STORM, SANITARY, AND WATER LATERALS AND ALL OTHER PROPOSED UTILITY SERVICES TIE INTO THE PROPOSED BUILDING PER BUILDING PLANS. CONTRACTOR SHALL ALSO VERIFY THE SIZES AND TYPES OF ALL LATERALS AND HOW THEY MAY TIE INTO THE PROPOSED BUILDINGS.

CONTRACTOR TO FOLLOW ALL PERMIT REQUIREMENTS AND SPECIFICATIONS TO INSTALL THE PROPOSED UTILITIES INCLUDING COORDINATING THE INSTALLATION WITH LOCAL OFFICIALS AS NEEDED AND/OR REQUIRED.

CONTRACTOR TO COORDINATE ALL WORK WITH THE OWNER AS NEEDED/REQUIRED.

BUILDING DOWNSPOUT/ROOF DRAIN PIPING NOTE:
THE CONTRACTOR SHALL CONNECT ALL DOWNSPOUTS AND ROOF DRAINS AS SHOWN ON THE SITE PLAN OR TO THE CLOSEST STORM PIPING OR CATCH BASINS USING CPSLP OR PVC SDR-35 SEWER OR APPROVED EQUAL. SEE PROPOSED BUILDING PLANS FOR LOCATION OF DOWNSPOUTS AND/OR ROOF DRAINS.

EXISTING UTILITY NOTES:
CONTRACTOR SHALL DETERMINE THE TYPE OF SERVICE FOR ALL EXISTING UNDERGROUND LINES THAT ARE ENCOUNTERED DURING CONSTRUCTION AND SHALL ENSURE THE FOLLOWING:

1. THAT ALL EXISTING STORM LINES OR ANY OTHER EXISTING CLEAN WATER DRAINAGE LINES THAT ARE DISCOVERED AND/OR ENCOUNTERED DURING CONSTRUCTION AND ARE OR NEED TO REMAIN IN SERVICE ARE ROUTED AS NEEDED TO ENSURE THAT THEY ARE CONNECTED INTO THE PROPOSED OR EXISTING STORM SEWER.

2. THAT ALL EXISTING SANITARY LINES THAT ARE DISCOVERED AND/OR ENCOUNTERED DURING CONSTRUCTION AND ARE TO REMAIN IN SERVICE ARE ROUTED AS NEEDED TO ENSURE THAT THEY ARE CONNECTED INTO ACTIVE EXISTING SANITARY SEWER LINES/STRUCTURES OR INTO PROPOSED SANITARY SEWER LINES/STRUCTURES.

3. THAT ALL EXISTING WATER LINES THAT ARE DISCOVERED AND/OR ENCOUNTERED DURING CONSTRUCTION AND ARE TO REMAIN IN SERVICE ARE ROUTED AS NEEDED TO ENSURE THAT THEY ARE CONNECTED INTO ACTIVE EXISTING WATER LINES OR INTO PROPOSED WATER LINES.

ALL WORK TO BE PER AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND TO BE WITNESSED BY THE OWNER'S REP. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

LOCATE EXISTING UTILITIES NOTE:
THIS ITEM OF WORK MAY BE PERFORMED ON AS NEEDED BASIS AND SHALL CONSIST OF THE CONTRACTOR FIELD LOCATING THE VARIOUS EXISTING UTILITY LINES LOCATION, SIZE, AND DEPTH PRIOR TO PERFORMING ANY PROPOSED WORK OR ONCE WORK HAS BEGUN. THIS WORK MAY ALSO REQUIRE THE CONTRACTOR TO INSPECT THE LINES BY OTHER METHODS SUCH AS DYE TESTING OR CAMERA/VIDEO TO FIND THE ORIGIN AND LOCATION OF THE LINE. THE CONTRACTOR SHALL COOPERATE AND COORDINATE WITH THE OWNER AS NEEDED TO ENSURE EXISTING FACILITY OPERATIONS ARE MAINTAINED.

ALL WORK TO BE PER AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND TO BE WITNESSED BY THE OWNER'S REPRESENTATIVE. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

UNKNOWN EXISTING UNDERGROUND UTILITIES:
CONTRACTOR TO BE AWARE THERE MAY BE OTHER UNKNOWN SERVICES OR UNKNOWN UNDERGROUND UTILITIES OR ITEMS WHICH MAY BE LOCATED WITHIN THE SITE AND MAY REQUIRE REMOVAL OR REROUTING IN ORDER TO PERFORM THE PROPOSED PROJECT. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY OF ANY UNKNOWN UNDERGROUND UTILITIES OR OTHER ITEMS WHICH ARE ENCOUNTERED AND WORK WITH THE OWNER TO DECIDE HOW THESE ITEMS SHOULD BE HANDLED.

GAS, ELECTRIC, COMMUNICATION CONFLICT NOTE:
CONTRACTOR TO LOWER/DIP THESE UTILITIES AS NEEDED TO AVOID CONFLICTS WITH ANY PROPOSED OR EXISTING SANITARY OR STORM OR WATER LINES THEY MAY CONFLICT WITH. IF THESE UTILITY LINES CONFLICT WITH ANY PROPOSED OR EXISTING WATERLINES THEN CONTRACTOR TO DETERMINE WHETHER TO LOWER/DIP THE WATERLINE OR LOWER/DIP THE GAS/ELECTRIC/COMMUNICATION LINE(S). CONTRACTOR MAY NEED TO CONSULT WITH AND OBTAIN OWNER'S APPROVAL AS TO WHICH UTILITY WILL BE LOWERED PRIOR TO PERFORMING THIS WORK. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

ELECTRICAL/MECHANICAL NOTE:
CONTRACTOR SHALL REFER TO THE ELECTRICAL/MECHANICAL DRAWINGS FOR DEMOLITION AND/OR INSTALLATION INFO. OF ALL EXISTING AND PROPOSED ELECTRICAL/MECHANICAL ITEMS FOR THE SITE AND/OR HOW THESE ITEMS ARE TO BE HANDLED AND ADDRESSED.

WATER MAIN CROSSING SEPARATION NOTE:
WHENEVER A SANITARY OR STORM SEWER AND WATER LINE MUST CROSS, THE SEWER AND WATER SHALL BE LAID AT SUCH AN ELEVATION THAT THERE IS AT LEAST 18" OF SEPARATION BETWEEN THE OUTSIDE WALLS OF THE TWO PIPES. IF REQUIRED, CONTRACTOR SHALL LOWER/DIP THE WATER MAIN AS NEEDED TO OBTAIN THE 18" MINIMUM SEPARATION DISTANCE. IF IT IS ABSOLUTELY IMPOSSIBLE TO MAINTAIN THE 18" VERTICAL SEPARATION, THE SANITARY SEWER SHALL BE CONSTRUCTED OF WATER LINE TYPE MATERIALS WHICH WOULD BE ABLE TO WITHSTAND A 100 PSI PRESSURE TEST (NOTE: DO NOT PRESSURE TEST SANITARY SEWER TO 100 PSI). THESE REQUIREMENTS WILL EXTEND FOR THE DISTANCE OF THE ENTIRE SPAN. NO CHANGE OF MATERIALS ARE ALLOWED MID-SPAN.

AT CROSSINGS, THE WATER MAIN SHALL HAVE A MINIMUM VERTICAL DISTANCE OF 18" FROM STORM AND SANITARY SEWERS. ALSO ONE FULL LENGTH OF WATER MAIN SHALL BE LOCATED SO THE JOINTS ARE AS FAR FROM THE STORM AND SANITARY SEWERS AS POSSIBLE.

PROPOSED STORM STRUCTURES	PROPOSED SANITARY STRUCTURES
#1 TYPE 2-2C CB TOP 956.70 12" W INV. 954.03	#1 TYPE 3 SAN MH TOP. 957.65 8" S INV. 952.46 8" NW INV. 952.41
#2 TYPE 2-2C CB TOP 957.07 15" NE INV. 954.89 15" W INV. 954.76	#2 TYPE 3 SAN MH TOP. 957.63 8" SE INV. 952.69 8" N INV. 952.64
#3 TYPE 2-2B CB TOP 957.21 12" W INV. 951.68	#3 TYPE 3 SAN MH TOP. 957.56 8" NW INV. 952.90 6" S INV. 952.95
#4 TYPE 2-2B CB TOP 957.00 8" E INV. 954.36	

BENCHMARK #1 ELEV. 956.73 *MAG NAIL IN POWER POLE ACROSS FROM 521 ELIZABETH CT ALONG THE WEST SIDE OF ST RT 705*
BENCHMARK #2 ELEV. 959.51 *MAG NAIL IN POWER POLE ACROSS FROM 526 ELIZABETH CT ALONG THE WEST SIDE OF ST RT 705*
BENCHMARK #3 ELEV. 961.39 *CUT BOX WITH X ON LIGHT POLE BASE AT THE NORTHEAST CORNER OF THE EAST SCHOOL PARKING LOT*
BENCHMARK #4 ELEV. 964.38 *CUT BOX WITH X ON LIGHT POLE BASE BETWEEN THE MAIN DOORS ON THE NORTH SIDE OF THE HIGH SCHOOL*

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600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025
5	ADDENDUM 5	1/8/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JAC	NJS

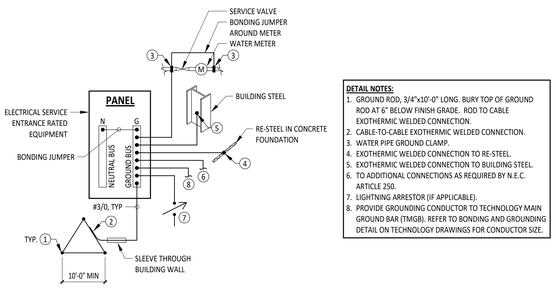
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UTILITY PLAN

SHEET NUMBER:

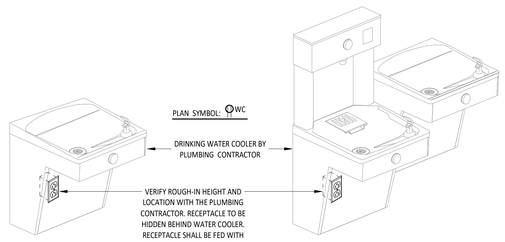
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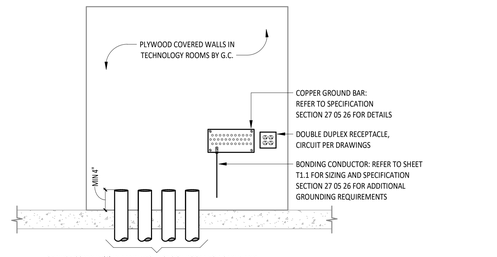


DETAIL NOTES:
1. GROUND ROD, 3/4"x10'-0" LONG. BURY TOP OF GROUND ROD AT 6" BELOW FINISH GRADE. ROD TO CABLE EXOTHERMIC WELDED CONNECTION.
2. CABLE-TO-CABLE EXOTHERMIC WELDED CONNECTION.
3. WATER PIPE GROUND CLAMP.
4. EXOTHERMIC WELDED CONNECTION TO RE-STEEL.
5. EXOTHERMIC WELDED CONNECTION TO BUILDING STEEL.
6. TO ADDITIONAL CONNECTIONS AS REQUIRED BY N.E.C. ARTICLE 250.
7. LIGHTNING ARRESTOR (IF APPLICABLE).
8. PROVIDE GROUNDING CONDUCTOR TO TECHNOLOGY MAIN GROUND BAR (TMGB). REFER TO BONDING AND GROUNDING DETAIL ON TECHNOLOGY DRAWINGS FOR CONDUCTOR SIZE.

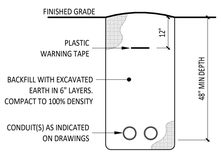
1 E1.2 SERVICE GROUNDING ELECTRODE SYSTEM
NTS



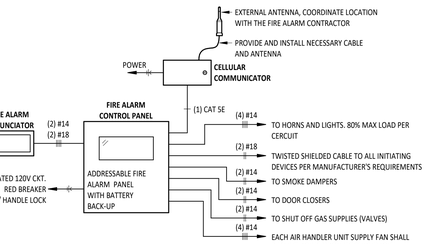
2 E1.2 WATER COOLER RECEPTACLE DETAIL
NTS



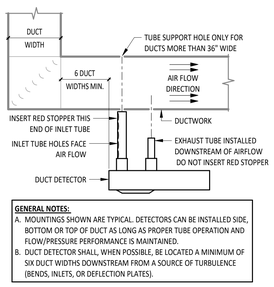
3 E1.2 TECHNOLOGY SERVICE ENTRANCE CONDUIT(S)
NTS



4 E1.2 CONDUIT TRENCH DETAIL
NTS



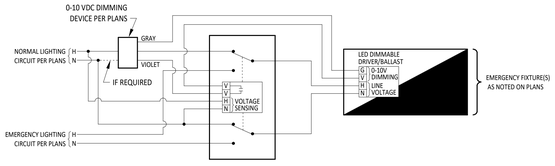
5 E1.2 FIRE ALARM RISER DIAGRAM - CELLULAR COMMUNICATOR
NTS



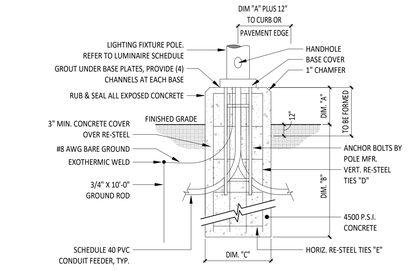
GENERAL NOTES:
A. MOUNTINGS SHOWN ARE TYPICAL. DETECTORS CAN BE INSTALLED SIDE, BOTTOM OR TOP OF DUCT AS LONG AS PROPER TUBE OPERATION AND FLOW/PRESSURE PERFORMANCE IS MAINTAINED.
B. DUCT DETECTOR SHALL, WHEN POSSIBLE, BE LOCATED A MINIMUM OF SIX DUCT WIDTHS DOWNSTREAM FROM A SOURCE OF TURBULENCE (BENDS, INLETS, OR DEFLECTION PLATES).

6 E1.2 DUCT DETECTOR DETAIL
NTS

OPERATION:
- ALL SWITCHING SHALL BE ON THE NORMAL CIRCUIT PRIOR TO THE GENERATOR TRANSFER DEVICE. ALL EMERGENCY LIGHTS SHALL RETURN TO FULL BRIGHTNESS WHEN LOSS OF NORMAL POWER IS DETECTED.
- WIRE PER MANUFACTUER'S WRITTEN INSTRUCTIONS.



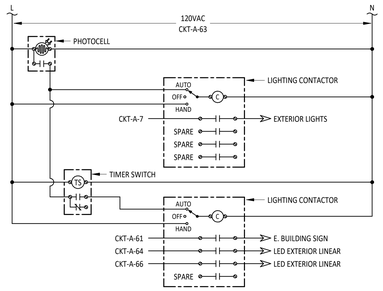
7 E1.2 LIGHTING CONTROL SCHEMATIC - GENERATOR TRANSFER DEVICE
NTS



DIM. "A" 30", UNLESS NOTED OTHERWISE	VERTICAL STEEL "D" 8 EA. #7 DIA.
DIM. "B" 7'-0"	HORIZONTAL STEEL "E" #4 AT 15" C/C
DIM. "C" 30" ROUND	

NOTE:
1. TACK WELD ALL ANCHOR BOLT NUTS IN PLACE WHEN POLES ARE SET AND PLUMB. REPAIR FINISH WITH COLD GALVANIZING COMPOUND.
2. SET POLES USING DOUBLE NUT CONSTRUCTION METHOD.

8 E1.2 CONCRETE POLE BASE DETAIL - 25'-0" POLE
NTS



GENERAL NOTES:
1. PHOTOCELL SHALL BE INTERMATIC K4236C, OREQ.
2. TIMER SWITCH SHALL BE A 24 HOUR DIAL TIME SWITCH, INTERMATIC T10S, OREQ.
3. PROVIDE AN ELECTRICALLY HELD LIGHTING CONTACTOR WITH 120VAC COIL AND NUMBER OF POLES AS SHOWN, NEMA 1 ENCLOSURE.
4. CONTACTOR SHALL HAVE INTEGRAL H-O-A SELECTOR SWITCH.

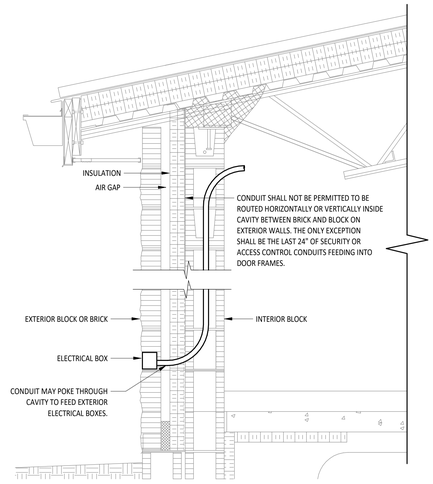
9 E1.2 EXTERIOR LIGHTING CONTROL DIAGRAM
NTS

SEQUENCE OF OPERATIONS

SPACE TYPE OR ROOM	SYSTEM TYPE: STAND ALONE	SYSTEM TYPE: WIRED	SYSTEM TYPE: WIRELESS	SYSTEM TYPE: WIRED AND/OR WIRELESS	OCCUPANCY SENSOR: VACANCY MODE (MANUAL ON)	OCCUPANCY SENSOR: OCCUPANCY MODE (AUTO ON)	OCCUPANCY SENSOR: SENSOR TIME OUT PERIOD (IN MINUTES)	OCCUPANCY SENSOR: HIGH/LOW OPERATION: OCCUPIED %	OCCUPANCY SENSOR: HIGH/LOW OPERATION: VACANT %	TIME CLOCK: SCHEDULED ON AT	TIME CLOCK: SCHEDULED OFF AT	TIME CLOCK: OCCUPIED TIME START	TIME CLOCK: UNOCCUPIED TIME START	TIME CLOCK: AFTER HOURS OVERRIDE (2 HOUR): SWITCH	TIME CLOCK: AFTER HOURS OVERRIDE (2 HOUR): SENSOR	WALL SWITCH: ON / OFF ONLY	WALL SWITCH: DIMMER SWITCH	WALL SWITCH: KEY SWITCH	WALL SWITCH: SCENE SWITCH	WALL SWITCH: GRAPHICAL WALL STATION	DAYLIGHT SENSOR: INDOOR ON / OFF ONLY	DAYLIGHT SENSOR: INDOOR - DIMMING	DAYLIGHT SENSOR: LIGHT LEVEL MAINTAINED AT (IN FOOTCANDLES AT A.F.F.)	DAYLIGHT SENSOR: EXTERIOR PHOTOCELL - ON/OFF	INTEGRATION: HVAC DRY CONTACTS	INTEGRATION: BACNET	INTEGRATION: A/V	INTEGRATION: SHADES	EMERGENCY: EM FIXTURES TO BE CONTROLLED UNDER NORMAL OPERATION AND USED AS PART OF LOAD SHED TO 100% UNDER EM OPERATION	EMERGENCY: EM FIXTURES TO GO FULL BRIGHT UNDER ACTIVATION OF FIRE ALARM SYSTEM	NOTES
GYMNASIUM	•					•	30 MIN.									•									•				•		2
WEIGHT ROOM	•					•	30 MIN.									•							•	40	•				•		2
PRIVATE OFFICE	•				•		30 MIN.										•								•				•		2
LOBBY	•					•	30 MIN.																		•				•		2
CORRIDOR	•					•	30 MIN.																		•				•		2
JANITORIAL CLOSET	•				•		10 MIN.									•													•		2
STORAGE	•				•		10 MIN.									•													•		2
PRIVATE RESTROOM	•				•		10 MIN.									•									•				•		2
PUBLIC RESTROOM	•					•	30 MIN.																		•				•		2
BUILDING FAÇADE	•									PHOTOCELL	MIDNIGHT										•								•		1

NOTES:
1. LIGHTS SHALL BE BUILDING MOUNT PHOTOCELL ON, PHOTOCELL OFF. REFER TO DETAIL 11 ON E1.2 FOR MORE INFORMATION.
2. LIGHTS SHALL BE GROUPED TOGETHER (WHEN ONE LIGHT SENSES OCCUPANCY, ALL LIGHTS IN THAT GROUP SHALL GO TO 100% LIGHT OUTPUT) BASED ON CIRCUITRY NOTED ON DRAWINGS.

10 E1.2 LIGHTING SEQUENCE OF OPERATIONS
NTS



11 E1.2 TYPICAL EXTERIOR WALL CAVITY
NTS

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

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1	CONSTRUCTION DOCUMENTS - ADDENDUM #03	12/30/2025
2	CONSTRUCTION DOCUMENTS - ADDENDUM #05	01/08/2026

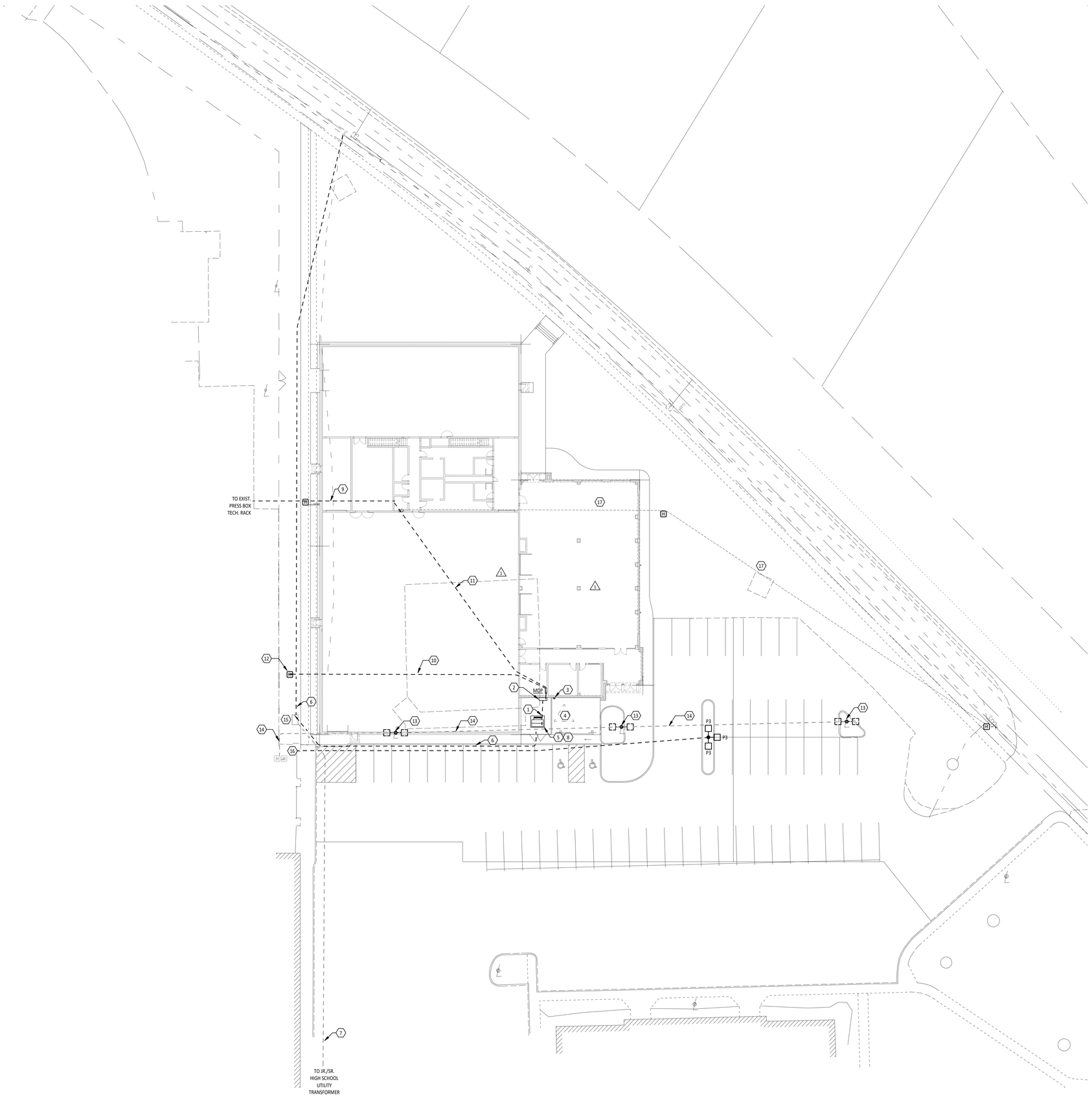
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SHEET TITLE:
ELECTRICAL DETAILS

SHEET NUMBER:
E1.2

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1 E2.1 **SITE ELECTRICAL PLAN**
1" = 20'-0"

UTILITY COMPANY CONTACT

AES
LUIS PEREZ DESIGN TECHNICIAN
ijus.lperez@aes.com

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 ELECTRICAL UTILITY SERVICE CONDUITS TO BE MINIMUM OF 48" BELOW GRADE TO TOP OF CONDUITS.
C PROVIDE PULL WIRES IN ALL EMPTY CONDUITS.
D ALL UNDERGROUND CONDUIT SHALL BE 1" SCHEDULE 40 PVC, UNLESS NOTED OTHERWISE.
E COORDINATE CONSTRUCTION WITH THE ELECTRIC UTILITY COMPANY.
F PROVIDE IDENTIFICATION LABEL FOR EACH POLE LIGHT.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	UNDERGROUND FEEDER FROM SECONDARY OF UTILITY COMPANY TRANSFORMER TO MAIN SWITCHBOARD VIA CT CABINET. REFERENCE ONE-LINE DIAGRAM FOR FEEDER INFORMATION.
2	PROVIDE CT CABINET. COORDINATE REQUIREMENTS WITH UTILITY COMPANY.
3	PROVIDE METER SOCKET. COORDINATE REQUIREMENTS AND LOCATION WITH UTILITY COMPANY.
4	GROUNDING GRID. REFERENCE GROUNDING DETAIL FOR ADDITIONAL INFORMATION. COORDINATE LOCATION WITH OTHER EQUIPMENT IN AREA.
5	NEW UTILITY COMPANY PAD MOUNTED TRANSFORMER. TRANSFORMER FURNISHED AND INSTALLED BY UTILITY COMPANY. CONCRETE PAD PROVIDED BY ELECTRICAL CONTRACTOR. COORDINATE ALL WORK WITH UTILITY COMPANY.
6	UNDERGROUND PRIMARY SERVICE CONDUITS. PROVIDE TWO (2) 5" PVC SCHEDULE 40 CONDUITS WITH PULL ROPE APPROX. 48" BELOW FINISHED GRADE. CONDUCTORS PROVIDED BY UTILITY COMPANY. COORDINATE WORK WITH UTILITY COMPANY PRIOR TO START OF WORK.
7	EXISTING UNDERGROUND SERVICE CONDUCTORS (SERVING THE JR./SR. HIGH SCHOOL) RE-ROUTED TO THE NEW 'LBC' CABINET BY UTILITY COMPANY.
8	PROVIDE 8" THICK CONCRETE PAD FOR UTILITY TRANSFORMER. PROVIDE #4 REBAR (12" ON CENTER HATCH PATTERN). COORDINATE PAD REQUIREMENTS WITH UTILITY COMPANY.
9	PROVIDE TWO (2) 3" UNDERGROUND CONDUITS WITH PULL WIRE FOR TECHNOLOGY CABLING, GROUNDING, AND FUTURE TECHNOLOGY PATHWAYS. CONDUITS TO EXTEND TO TECHNOLOGY CLOSET AND STUB UP 1'-0" AFF IN TECHNOLOGY ROOM. COORDINATE EXACT STUB UP LOCATIONS WITH TECHNOLOGY CONTRACTOR PRIOR TO INSTALLATION. REFER TO DETAIL 3/E1.2 FOR ADDITIONAL INFORMATION.
10	PROVIDE ONE (1) 2-1/2" UNDERGROUND CONDUIT WITH PULL STRING FROM MDP TO HAND HOLE FOR FUTURE POWER TO PRESS BOX.
11	PROVIDE (1)1-1/2" UNDERGROUND CONDUIT WITH 3/0 AWG COPPER GROUND WIRE FROM SERVICE GROUND TO TECHNOLOGY ROOM GROUND BAR.
12	PROVIDE 24"x24"x24" FLUSH IN GRADE PULL BOX WITH HEAVY DUTY CAST IRON 'PG' STYLE OR EQUAL.
13	EXISTING LIGHTS, POLE AND CONCRETE BASE TO BE REMOVED. TURN LIGHTS OVER TO OWNER.
14	REMOVE EXISTING UNDERGROUND SITE LIGHTING CONDUCTORS BACK TO EXISTING PULL BOX.
15	PROPOSED LOCATION FOR 'LBC' CABINET PROVIDED BY UTILITY COMPANY.
16	PROVIDE 2-#8 AWG CU, 1-#10 AWG CU GND. IN UNDERGROUND CONDUIT. CONNECT TO EXISTING POLE LIGHT CIRCUIT MADE AVAILABLE DURING DEMOLITION IN FLUSH IN GRADE POLE BOX.
17	PROVIDE TWO (2) 3" UNDERGROUND CONDUITS WITH PULL WIRE FOR TECHNOLOGY CABLING. CONDUITS TO EXTEND TO TECHNOLOGY CLOSET AND STUB UP 1'-0" AFF IN TECHNOLOGY ROOM. COORDINATE EXACT STUB UP LOCATIONS WITH TECHNOLOGY CONTRACTOR PRIOR TO INSTALLATION. REFER TO DETAIL 3/E1.2 FOR ADDITIONAL INFORMATION.

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

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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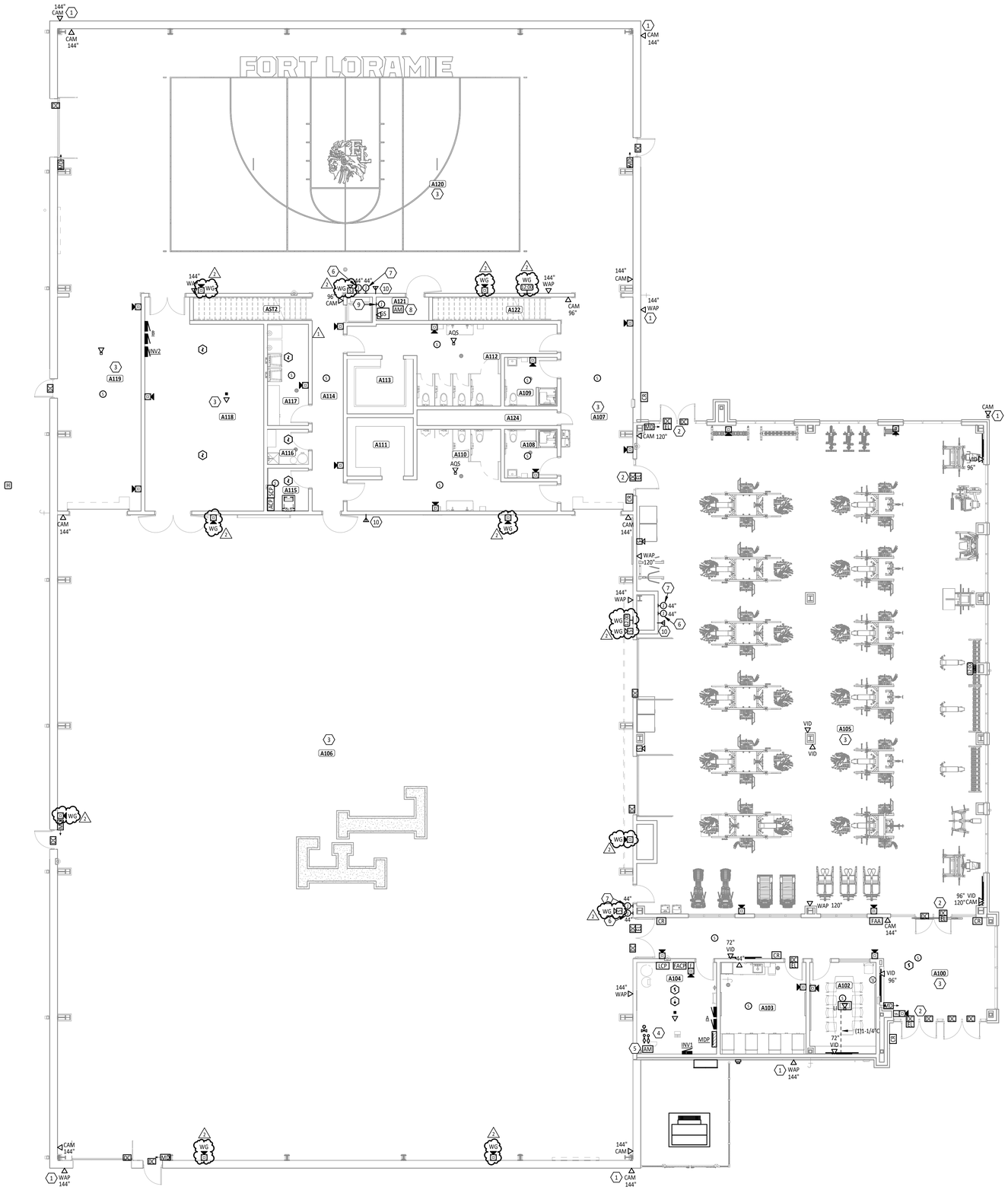
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SHEET TITLE:
SITE ELECTRICAL PLAN

SHEET NUMBER:
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1 E3.1 **FIRST FLOOR SYSTEMS PLAN**
1/8" = 1'-0"

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FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	323 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECHANICAL / ELECTRICAL ROOM	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE athletic ROOM	10,934 SF
A107	CORRIDOR	456 SF
A108	FAMILY RESTROOM / SHOWER	74 SF
A109	FAMILY RESTROOM / SHOWER	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	309 SF
A113	WOMENS CHANGING ROOM	108 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL CLOSET	42 SF
A117	LAUNDRY ROOM	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	31 SF
A122	LIFT	21 SF

SYSTEMS GENERAL NOTES

A 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.

B ALL LOW VOLTAGE CABLING FOR THE SCOPE OF WORK BY DIVISION 26, 27, AND 28 IN EXPOSED CEILING SPACES SHALL BE ROUTED INSIDE CONDUIT. COORDINATE WITH INSTALLER OF EACH SYSTEM PRIOR TO ROUGH-IN. PAINT CONDUIT TO MATCH SURROUNDING AREA.

C CONDUIT IN EXPOSED CEILING SPACES SHALL BE CONCEALED INSIDE WALLS. EXPOSED CONDUIT SHALL ONLY BE ALLOWED IN JOIST SPACE NEAR ROOF.

D ALL CONDUIT ENDS FOR CABLING NOT CONNECTED TO A BOX OR FITTING SHALL BE PROVIDED WITH NYLON BUSHINGS TO PROTECT CABLING FROM DAMAGE.

E ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	PROVIDE SINGLE GANG, FLUSH MOUNTED JUNCTION BOX ON EXTERIOR OF BUILDING WITH 1" CONDUIT STUBBED TO INSIDE. MOUNT THE BOX AND CABLE SLEEVE ABOVE THE CEILING FOR EXTERIOR CAMERA/WAP. PROVIDE PLASTIC BUSHING ON END OF CONDUIT AND WEATHERPROOF BLANK COVER FOR EXTERIOR BOX. REFERENCE TECHNOLOGY DRAWINGS FOR MORE DETAILS. COORDINATE WORK WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
2	DOOR PROVIDED WITH ELECTRIC STRIKE AND POWER PACK BY DOOR HARDWARE SUPPLIER. DIVISION 26 TO PROVIDE POWER TO POWER PACK ABOVE CEILING, BACK BOXES, RACEWAYS, BUSHINGS AND PULL STRINGS FOR CABLING FROM ABOVE CEILING/POWER PACK TO ELECTRIC STRIKE IN DOOR FRAME. CABLING BY SECURITY/ACCESS CONTROL CONTRACTOR. COORDINATE WORK WITH DOOR HARDWARE INSTALLER AND SECURITY/ACCESS CONTROL CONTRACTOR. REFERENCE ES SHEETS FOR 120-VOLT POWER REQUIREMENTS.
3	PROVIDE PATHWAYS FOR DIVISION 26, 27, & 28 LOW VOLTAGE CABLING IN EXPOSED CEILING SPACE. LOW VOLTAGE AND SYSTEM CABLING SHALL BE ROUTED INSIDE CONDUIT WITH NO EXPOSED CABLING. REFER TO SPECIFICATIONS AND 'TC' DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE WITH INSTALLER OF EACH SYSTEM PRIOR TO ROUGH-IN.
4	TAMPER SWITCHES AND FLOW SWITCHES PROVIDED BY SPRINKLER CONTRACTOR. PROVIDE FIRE ALARM CONNECTIONS AS REQUIRED TO MONITOR VALVES AND SWITCHES. REFERENCE WATER MAIN DETAIL ON SHEET FP-1. COORDINATE WITH DIVISION 21 PRIOR TO INSTALLATION.
5	PROVIDE ONE FIRE ALARM ADDRESSABLE MODULE FOR EACH OF THE WATER MAIN RISERS. REFERENCE WATER MAIN DETAIL ON SHEET FP-1. COORDINATE WITH DIVISION 21 PRIOR TO INSTALLATION.
6	PROVIDE 1-GANG JUNCTION BOX AT HEIGHT NOTED FOR SOUND SYSTEM DEVICE. COORDINATE WITH SOUND SYSTEM INSTALLER.
7	PROVIDE 2-GANG JUNCTION BOX AT HEIGHT NOTED FOR SOUND SYSTEM DEVICE. COORDINATE WITH SOUND SYSTEM INSTALLER.
8	PROVIDE ADDRESSABLE MODULE/RELAY FOR AUTO-MUTE OF SOUND SYSTEM.
9	PROVIDE FLUSH MOUNT BACK BOX AND RACEWAY FOR SOUND SYSTEM, COORDINATE WITH SOUND SYSTEM INSTALLER PRIOR TO INSTALLATION.
10	ROUGH-IN FOR WIRELESS MICROPHONE SYSTEM ANTENNAS, COORDINATE REQUIREMENT AND HEIGHT WITH SOUND SYSTEM INSTALLER.

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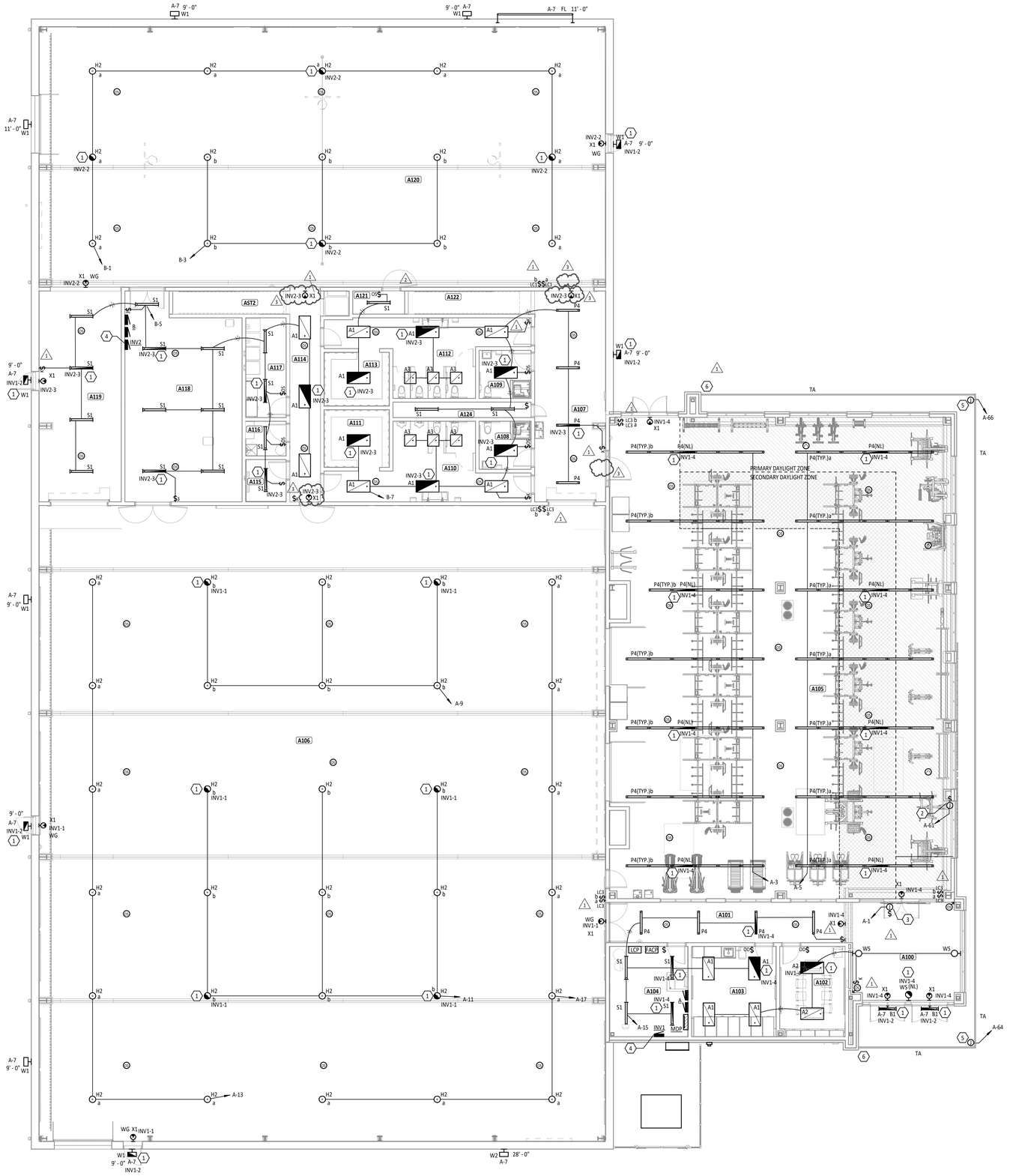
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2	CONSTRUCTION DOCUMENTS - ADDENDUM #05	01/08/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

SHEET TITLE:
FIRST FLOOR SYSTEMS PLAN

SHEET NUMBER:
E3.1

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1 / E4.1 **FIRST FLOOR LIGHTING PLAN**
1/8" = 1'-0"

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FIRST FLOOR PLAN ROOM INDEX

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A119	CORRIDOR	529 SF
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	31 SF
A122	LIFT	21 SF

LIGHTING GENERAL NOTES

A. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS ON THE A7 SERIES DRAWINGS 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 E7.1 FOR LUMINAIRE SCHEDULE AND ADDITIONAL INFORMATION.

F. ALL LIGHTING CONTROL DEVICES, RELAYS, ETC. ABOVE LAY-IN CEILINGS SHALL BE MARKED WITH A BLACK 3/4" DIAMETER, PRESSURE-SENSITIVE ADHESIVE PAPER CIRCLE.

G. ALL MOUNTING HEIGHTS REFER TO BOTTOM OF LIGHT FIXTURE, UNO.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	CONTRACTOR SHALL PROVIDE EMERGENCY CIRCUIT INDICATED TO FIXTURE, EMERGENCY TRANSFER DEVICE AND ALL ASSOCIATED COMPONENTS NECESSARY FOR EMERGENCY LIGHT FIXTURE AS SHOWN IN DETAIL 7/E1.2.
2	PROVIDE POWER FOR FACE LIT EXTERIOR BUILDING LETTERING. COORDINATE EXACT LOCATION WITH LETTERING INSTALLER PRIOR TO ROUGH-IN. PROVIDE (14) LOW VOLTAGE WIRING CONNECTIONS FROM THE INDIVIDUAL LIGHTED LETTERS TO THE LED DRIVER SUPPLIED WITH THE LETTERING. PROVIDE 18" X 18" X 6" JUNCTION BOX TO HOUSE THE LED DRIVER(S). MAKE ALL NECESSARY CONNECTIONS.
3	PROVIDE POWER FOR SCHOOL MASCOT SIGN. COORDINATE EXACT LOCATION WITH SIGN INSTALLER PRIOR TO ROUGH-IN. PROVIDE (4) LOW VOLTAGE WIRING CONNECTIONS FROM THE SIGN TO THE LED DRIVER SUPPLIED WITH THE SIGN. PROVIDE 18" X 18" X 6" JUNCTION BOX TO HOUSE THE LED DRIVER(S). MAKE ALL NECESSARY CONNECTIONS.
4	PROVIDE EMERGENCY LIGHTING INVERTER (MYERS #1-EM-4-S-BA2006-T-M-2YW) TO PROVIDE POWER TO EMERGENCY LIGHTS.
5	PROVIDE NECESSARY CONNECTION TO LED EXTERIOR LIGHTING 'TA'. CIRCUIT TO BE CONTROLLED BY LIGHTING CONTROL PANEL. LOCATE 'TA' DRIVER(S) IN ENCLOSURE AT CEILING OF WEIGHT ROOM.
6	LUMINAIRE 'TA' SHALL TURN DOWN AT THIS LOCATION AND CONTINUE APPROXIMATELY 19' - 10" TOWARD FLOOR LEVEL.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS		
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PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

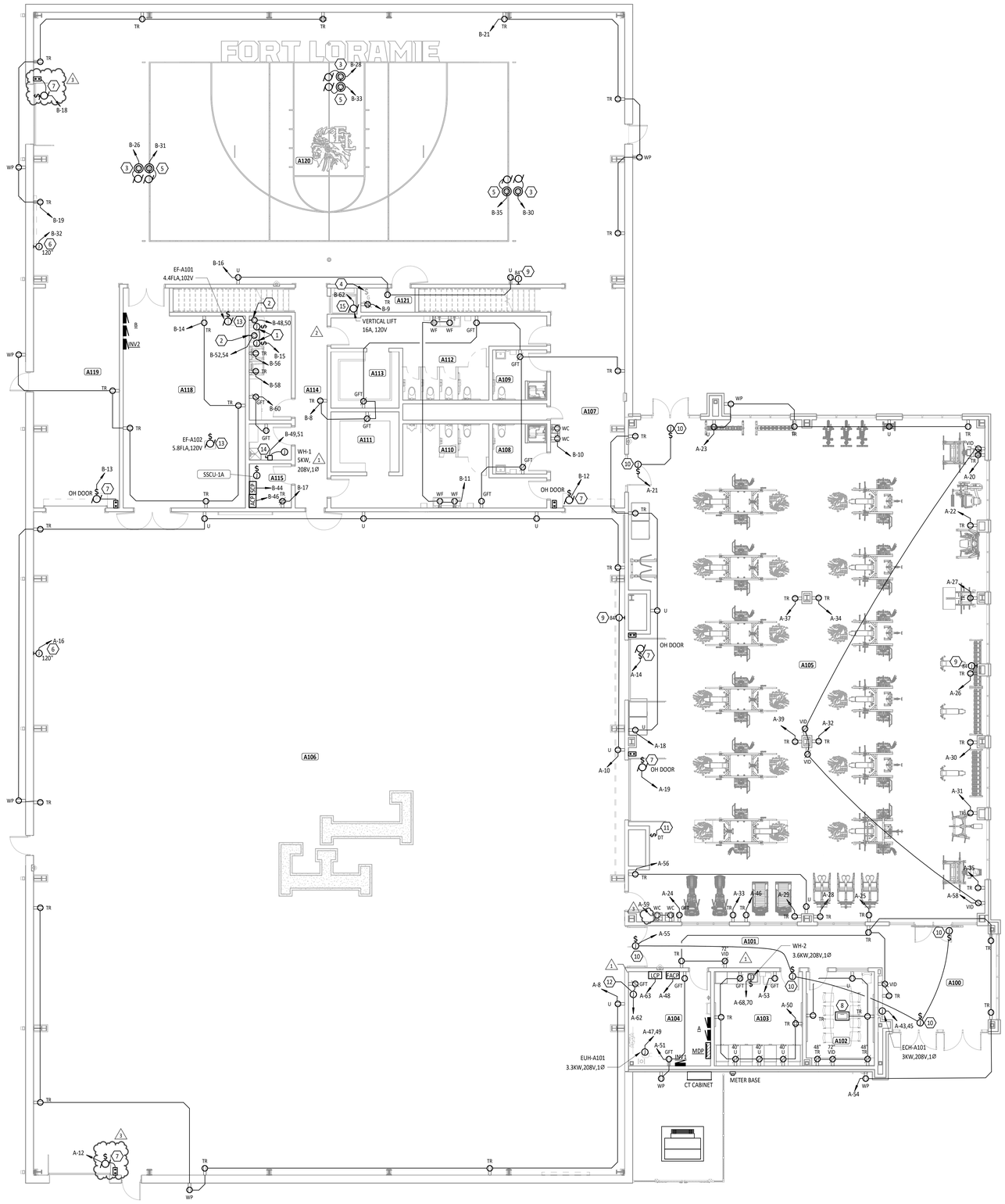
SHEET TITLE:

FIRST FLOOR LIGHTING PLAN

SHEET NUMBER:

E4.1

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FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	323 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECHANICAL / ELECTRICAL ROOM	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE athletic ROOM	10,934 SF
A107	CORRIDOR	456 SF
A108	FAMILY RESTROOM / SHOWER	74 SF
A109	FAMILY RESTROOM / SHOWER	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	309 SF
A113	WOMENS CHANGING ROOM	108 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL CLOSET	42 SF
A117	LAUNDRY ROOM	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	31 SF
A122	LIFT	21 SF

POWER GENERAL NOTES

A. 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.

B. CASEWORK INSTALLER SHALL CUT HOLES IN CASEWORK FOR RECEPTACLES, DEVICES, ETC., UNLESS NOTED OTHERWISE.

C. ALL CONDUCTORS FOR EQUIPMENT CONNECTIONS SHALL BE COPPER UNLESS NOTED OTHERWISE AND APPROVED BY THE MANUFACTURER.

D. COORDINATE WITH ALL OTHER TRADES TO MAINTAIN ALL REQUIRED CLEARANCES ABOUT ELECTRICAL EQUIPMENT WITH ACCORDANCE TO THE NATIONAL ELECTRICAL CODE.

E. REFER TO MECHANICAL, PLUMBING, AND OTHER APPLICABLE DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.

F. MAINTAIN ALL FIRE RATINGS WHERE CONDUIT PENETRATES WALL, CEILINGS, AND FLOORS WITH ONLY U.L. LISTED FIRE ASSEMBLIES.

G. ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	DRYER BOOSTER FAN MOUNTED ABOVE CEILING BY MECHANICAL CONTRACTOR. E.C. TO PROVIDE DISCONNECT SWITCH AND NECESSARY ELECTRICAL CONNECTIONS. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
2	RECEPTACLE FOR DRYER. PROVIDE A 30A, 120/208V, 1Ø RECEPTACLE NEMA 14-30R OR OTHER AS REQUIRED BY MANUFACTURER. COORDINATE WITH OWNER. MOUNT AT 16" AFF.
3	BASKETBALL BACKBOARD UP/DOWN SPECIAL RECEPTACLE, PLUG AND COVER PLATE FOR GYM EQUIPMENT FURNISHED BY ATHLETIC EQUIPMENT SUPPLIER, INSTALLED BY DIVISION 26. PROVIDE 4" SQUARE BOX FOR RECEPTACLE WITHIN 36" OF EQUIPMENT MOTOR. PROVIDE CONDUIT AND WIRE AS NECESSARY TO EACH GYM EQUIPMENT DEVICE SHOWN ON PLANS. COORDINATE BACK BOX WITH EQUIPMENT SUPPLIER. EACH EQUIPMENT MOTOR TO BE CONTROLLED (UP/DOWN) BY A SWITCH LOCATED IN STORAGE ROOM A121.
4	PROVIDE SIX (6EA) SWITCHES IN THIS LOCATION TO CONTROL EACH GYM CONTROL MOTOR/RECEPTACLE. CLEARLY LABEL EACH SWITCH CONTROL FUNCTION. INSTALL THREE (3) AT 44" AFF. (BACKBOARD UP/DOWN) AND THREE (3) AT 52" AFF. (HEIGHT ADJUST UP/DOWN).
5	BASKETBALL BACKBOARD HEIGHT ADJUST SPECIAL RECEPTACLE, PLUG AND COVER PLATE FOR GYM EQUIPMENT FURNISHED BY ATHLETIC EQUIPMENT SUPPLIER, INSTALLED BY DIVISION 26. PROVIDE 4" SQUARE BOX FOR RECEPTACLE WITHIN 36" OF EQUIPMENT MOTOR. PROVIDE CONDUIT AND WIRE AS NECESSARY TO EACH GYM EQUIPMENT DEVICE SHOWN ON PLANS. COORDINATE BACK BOX WITH EQUIPMENT SUPPLIER. EACH EQUIPMENT MOTOR TO BE CONTROLLED (UP/DOWN) BY A SWITCH LOCATED IN STORAGE ROOM A121.
6	COORDINATE EXACT LOCATION FOR SCOREBOARD POWER JUNCTION BOX WITH SCOREBOARD INSTALLER PRIOR TO ROUGH-IN.
7	PROVIDE ALL POWER CONNECTIONS NECESSARY TO MOTORIZED DOOR AND ASSOCIATED SWITCHING. E.C. TO INSTALL SWITCH FURNISHED BY G.C. COORDINATE WORK WITH DOOR SUPPLIER PRIOR TO ROUGH-IN.
8	FLOOR BOX TO CONTAIN TWO DUPLEX RECEPTACLES AND ONE TPC DATA OUTLET FOR COMPUTER(S). PROVIDE A BOX EQUAL TO THE WIREMOLD RFB4-5S SERIES FLOOR BOX. PROVIDE THE PROPER COVER FOR THE ASSOCIATED ROOM FLOOR TYPE.
9	PROVIDE CIRCUIT AND ELECTRICAL CONNECTIONS TO DIGITAL CLOCK. MOUNT SINGLE GANG JUNCTION BOX AT 84" AFF. COORDINATE LOCATION WITH THE TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
10	PROVIDE POWER CONNECTION ABOVE CEILING FOR ELECTRIC STRIKE POWER PACK(S), TRANSFORMER(S) AND ACCESS CONTROL PANEL(S). REFER TO E3 SHEETS FOR EXACT QUANTITIES.
11	PROVIDE DIGITAL TIMER SWITCH RATED FOR LOAD TO CONTROL EF-A201 ON ROOF. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
12	PROVIDE CIRCUIT AND NECESSARY CONNECTIONS FOR HVAC POWER SUPPLY, 120V, 4.7 AMPS. COORDINATE LOCATION AND WORK WITH MECHANICAL CONTRACTOR.
13	EXHAUST FAN CONTROLLED BY REST ROOM LIGHTS.
14	PROVIDE 60A, NON-FUSED, HEAVY DUTY DISCONNECT SWITCH WITH NEMA 1 ENCLOSURE.
15	VERTICAL LIFT PROVIDED WITH INTEGRAL CONNECTION. COORDINATE LOCATION AND REQUIREMENTS WITH LIFT INSTALLER PRIOR TO ROUGH-IN.

1 FIRST FLOOR POWER PLAN
1/8" = 1'-0"

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FIRST FLOOR POWER PLAN

SHEET NUMBER:
E5.1

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LUMINAIRE SCHEDULE

MARK	MOUNTING	LAMPS TYPE	LAMPS MIN. LUMENS	LAMPS CCT	LAMPS CRI	BALLAST/DRIVER	FIXTURE VOLTAGE	INPUT WATTS	FIXTURE DESCRIPTION	COMMENTS	BASIS OF DESIGN & APPROVED MANUFACTURERS
A1	RECESSED	LED	4,000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	28 W	2' X 4' LED LAY IN FLAT PANEL, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, SWITCHABLE LUMENS AND COLOR TEMPERATURE.	SET LUMENS TO LOW AND CCT TO 4000K.	LITHONIA | CPX 2X4 ALO8 SWW7 M2 METALUX | CGTS SERIES COLUMBIA | CBT SERIES DAYBRITE | SBP SERIES
A2	RECESSED	LED	5,000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	36 W	2' X 4' LED LAY IN FLAT PANEL, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, SWITCHABLE LUMENS AND COLOR TEMPERATURE.	SET LUMENS TO MEDIUM AND CCT TO 4000K.	LITHONIA | CPX 2X4 ALO8 SWW7 M2 METALUX | CGTS SERIES COLUMBIA | CBT SERIES DAYBRITE | SBP SERIES
A3	RECESSED	LED	2,570 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	19 W	2' X 2' LED LAY IN FLAT PANEL, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, SWITCHABLE LUMENS AND COLOR TEMPERATURE.	SET LUMENS TO LOW AND CCT TO 4000K.	LITHONIA | CPX 2X2 ALO7 SWW7 M4 METALUX | CGTS SERIES COLUMBIA | CBT SERIES DAYBRITE | SBP SERIES
B1	WALL	LED	1,500 lm	4000K	80 CRI	ELECTRONIC DRIVER	UNV	15 W	3' WALL MOUNT LED, EXTRUDED ALUMINUM HOUSING, POLYESTER POWDER COATED, FULL CUT OFF OPTICS, UV STABILIZED OPAL POLYCARBONITE LENS.	MOUNT AT 11' - 0" AFF.	LUMINAIRE LED - BLADE | BLD 36IN NODIM 2DRV 15W 40K 120 BLK BROWNLEE | BROCK-OD SERIES SPITZER | DFLV SERIES CGF DESIGN | LEDGE SERIES
E	25'-0" POLE							0 W	EXISTING POLE, LUMINARE AND CONCRETE BASE TO REMAIN.		
ER	25'-0" POLE							0 W	EXISTING POLE, LUMINARE AND CONCRETE BASE TO BE REMOVED. SALVAGE FOR RE-INSTALLATION.		
FL	STEM	LED	330 lm/ft	4000K	80 CRI	ELECTRONIC DRIVER	UNV	52 W	13' EXTERIOR LED LINEAR FLOOD LIGHT, WALL WASH ASYMMETRIC DISTRIBUTION, 18" ARM MOUNT, BLACK FINISH, U.L. WET LOCATION LISTED.	MOUNT FIXTURE 1'-0" BELOW SIGN. AIM FIXTURE TO BEST LIGHT SIGN, PROVIDE 18" WALL MOUNT ARM AND ASSOCIATED HARDWARE.	ECOSENSE TROV | L60-E-12(&48)-04-40-80-MULT-20X20-K CORE ARCHITECTURAL | LWW120-CV SERIES ACCLAIM | LINEAR XTR SERIES I2SYSTEMS | GEN3 SERIES
H1	PENDANT	LED	15,000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	106 W	LED ROUND HIGH BAY, POLYCARBONITE LENS WITH IK10 IMPACT RESISTANCE, WHITE FINISH, DLC LISTED.	MOUNT BOTTOM OF FIXTURE AT SAME ELEVATION AS BOTTOM OF HVAC DUCT OR BUILDING STEEL. SET LUMENS AT 15,000.	LITHONIA | CPRB ALO13 MVOLT SWW9 80CRI DWH JEBLMTG ADAPTER M12 METALUX | UHBS SERIES COLUMBIA | CRN2 SERIES DAYBRITE | HCY SERIES
H2	PENDANT	LED	24,000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	175 W	LED ROUND HIGH BAY, POLYCARBONITE LENS WITH IK10 IMPACT RESISTANCE, WHITE FINISH, DLC LISTED.	MOUNT BOTTOM OF FIXTURE AT SAME ELEVATION AS BOTTOM OF HVAC DUCT OR BUILDING STEEL. SET LUMENS AT 24,000.	LITHONIA | CPRB ALO14 MVOLT SWW9 80CRI DWH JEBLMTG ADAPTER M12 METALUX | UHBS SERIES COLUMBIA | CRN2 SERIES DAYBRITE | HCY SERIES
P3	25'-0" POLE	LED	9,800 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	72 W	AREA LUMINAIRE WITH DIE-CAST ALUMINUM BODY, DARK BRONZE FINISH (MATCH EXISTING POLE LIGHT COLOR), TYPE 3 DISTRIBUTION.	PROVIDE 25' - 0 ", 5" SQUARE STEEL POLE.	LITHONIA | RSX1 LED P2 40K R3 MVOLT SPA DDBXD MCGRAW EDISION | GLEON SERIES EXO | SLING SERIES GARDCO | OPF SERIES
P4	PENDANT	LED	900 lm/ft	4000K	80 CRI	0-10V DIMMING DOWN TO 1%	UNV	35 W	LED LINEAR PENDANT, INTEGRAL DRIVER, 70% DOWNLIGHT, 30% UPLIGHT, FROSTED FLUSH LENS, FLAT END CAPS, BLACK PAINTED FINISH, BLACK CANOPIES AND CORD, AIRCRAFT CABLE MOUNTING TO STRUCTURE.	MOUNT AT 12' - 0" AFF.	NULITE | LCP5-70-FF-09-L40-FEC-UNV-DI-11-BK-SRBSC120-4 CORELITE | JAYLUM-I2 SERIES LITE CONTROL | STANCE SERIES LEDALITE | SYNC SERIES
S1	VARIES	LED	4,000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	36 W	4' LED STRIP LIGHT, LOW-GLARE DIFFUSE LENS, WHITE ENAMEL FINISH.	MOUNT AT APPROX. 9' - 0" AFF UNO. SET LUMENS AT 4000 AND CCT AT 40K.	LITHONIA | CSS L48 ALO3 MVOLT SWW3 80CRI METALUX | SLSTP SERIES COLUMBIA | CSL SERIES DAYBRITE | SDS SERIES
TA	CHANNEL	LED	270 lm/ft	4000K	80 CRI	ELECTRONIC DRIVER	UNV	3 W	STATIC LED LINEAR CHANNEL LIGHT, 3W/FT, MILKY LENS, EXTERIOR LOCATION.	PROVIDE NUMBER OF POWER SUPPLIES AS REQUIRED. REFER TO LIGHTING DRAWING FOR LENGTH AND MORE INFORMATION. 2	ACOLYTE | CHAS3 M SVV2 RB O SWDR20 3.0 40 NOVA FLEX | NF SERIES LUMINII | KLW SERIES TIVOLI | TPLEP SERIES
W1	WALL	LED	6,000 lm	4000K	80 CRI	ELECTRONIC DRIVER	UNV	47 W	LED WALL PACK, DIE CAST ALUMINUM HOUSING, BLACK FINISH	1	LITHONIA | WPX2 LED 40K MVOLT DBLXD MCGRAW EDISON | GKO SERIES EXO | SLING SERIES GARDCO | GBM SERIES
W2	WALL	LED	9,800 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	72 W	AREA LUMINAIRE WITH DIE-CAST ALUMINUM BODY, DARK BRONZE FINISH (MATCH EXISTING POLE LIGHT COLOR), TYPE 3 DISTRIBUTION.	WALL BRACKET MOUNT TO BUILDING. PROVIDE BLOCKING AS NECESSARY.	LITHONIA | RSX1 LED P2 40K R3 MVOLT WBA DDBXD MCGRAW EDISION | GLEON SERIES EXO | SLING SERIES GARDCO | OPF SERIES
WS	WALL	LED	13,000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	81 W	WALL/STEM MOUNT INDIRECT UP LIGHT, 18" OVERALL PROJECTION LENGTH, ALUMINUM HOUSING, POWDER COAT BLACK TEXTURED FINISH	MOUNT AT 11' - 0" AFF. CENTERED BETWEEN UPPER AND LOWER WINDOW.	SPI LIGHTING | EIW12324 L10BW PT11 120-277 4000KDF_80 DF_DIM1 HZT1 OAP18' ORGATECH | ZIRO 1500 SERIES LIGMAN | UPIB SERIES ELLIPTIPAR | S126 SERIES
X1	VARIES	LED	N/A	RED	N/A	ELECTRONIC DRIVER	UNV	2 W	LED EXIT FIXTURE, WHITE THERMOPLASTIC HOUSING, UNIVERSAL MOUNTING.	MOUNT 4" ABOVE DOOR (IF APPLICABLE). PROVIDE WIRE GUARD WHERE NOTED ON DRAWINGS. 3	LITHONIA | LQM S W RG MVOLT M6 SURE-LITES | APX SERIES COMPASS | CC SERIES CHLORIDE | VE SERIES

1

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DISTRIBUTION PANEL MDP

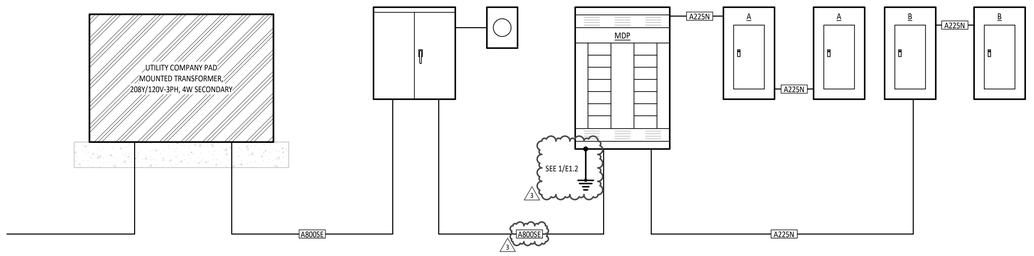
MOUNTING: SURFACE
FED FROM: UTILITY
ENCLOSURE: NEMA 1
LOCATION: MECHANICAL / ELECTRICAL ROOM A104
AIC RATING: 18,000
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 800 A
MAINS TYPE: 800 A | MCB
PANEL NOTES: PROVIDE PANEL WITH SURGE PROTECTION DEVICE (SPD). PROVIDE CIRCUIT BREAKER SIZED PER MANUFACTURER RECOMMENDATIONS IF SPD IS EXTERNAL.
OTHER:

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
				1	26961 / 0			2				
1	PANEL A	3	225	3		23888 / 0		4	--	3	SPACE FOR EXTERNAL SPD	
				5			20671 / 0	6				
				7	22860 / 7974			8				
1	PANEL B	3	225	9		17856 / 7974		10	100	3	RTU-A205	
				11			20735 / 7974	12				
				13	0 / 7974			14				
	SPARE BREAKER	3	200	15		0 / 7974		16	100	3	RTU-A204	
				17			0 / 7974	18				
				19	7974 / 7974			20				
	RTU-A203	3	100	21		7974 / 7974		22	100	3	RTU-A202	
				23			7974 / 7974	24				
				25	7974 / 0			26				
	RTU-A201	3	100	27		7974 / 0		28	100	3	SPARE BREAKER	
				29			7974 / 0	30				
				31				32				
				33				34				
				35				36				
				37				38				
				39				40				
				41				42				
					89666 VA	81584 VA	81241 VA					
					748 A	680 A	677 A					

VA SUBTOTALS: ***AMP SUBTOTALS:***

LOAD TYPE:	CONNECTED VA	DEMAND FACTOR	DEMAND VA	DEMAND AMPS	SUBTOTAL	PHASE
FIRE ALARM	500 VA	100.0%	500 VA	1 A	89666 VA	A
LIGHTING	21629 VA	125.0%	27036 VA	75 A	81584 VA	B
MOTORS	21408 VA	102.2%	21888 VA	61 A	81241 VA	C
Other	52 VA	70.0%	36 VA	0 A	PANEL TOTALS	
RECEPTACLE	58840 VA	58.5%	34420 VA	96 A	252490 VA	CONNECTED
MISC EQUIPMENT	20761 VA	80.0%	16608 VA	46 A	229688 VA	DEMAND
HVAC	129820 VA	100.0%	129820 VA	360 A	701 A	CONNECTED
					639 A	DEMAND

CIRCUIT NOTES:
1-REFER TO ONE-LINE DIAGRAM FOR FEED SIZE.



1 ELECTRICAL ONE-LINE DIAGRAM (E8.1)
NO SCALE

KEYNOTE LEGEND	
#	KEYNOTE DESCRIPTION

FEEDER SCHEDULE

GENERAL NOTES:
- ELECTRICAL CONTRACTOR SHALL PROVIDE THE NUMBER OF LUGS AND PROPER LUG SIZES TO ACCEPT CONDUCTOR SIZES SHOWN.
- ALL CONDUCTORS ARE BASED ON COPPER, UNLESS NOTED OTHERWISE.

MARK	FEEDER DESCRIPTION
A225N	(4) #300 KCMIL AL., #2 AL G, 3"C
A800SE	(3) PARALLEL SETS OF (4) #400 KCMIL AL., 3"C

PANEL A

MOUNTING: SURFACE
FED FROM: MDP
ENCLOSURE: NEMA 1
LOCATION: MECHANICAL / ELECTRICAL ROOM A104
AIC RATING: 15,000
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 225 A
MAINS TYPE: MLO
PANEL NOTES: PROVIDE PANEL WITH SURGE PROTECTION DEVICE (SPD). PROVIDE CIRCUIT BREAKER SIZED PER MANUFACTURER RECOMMENDATIONS IF SPD IS EXTERNAL. PROVIDE FEED-THRU LUGS.
SECTION 1 OF 2
OTHER:

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
	LOBBY SIGN A101	1	15	1	750 / 0			2				
	LIGHTING WEIGHT ROOM A105	1	20	3		1519 / 0		4	--	3	SPACE FOR EXTERNAL SPD	
	LIGHTING WEIGHT ROOM A105	1	20	5			1556 / 0	6				
	EXTERIOR WALL PACK LIGHTING	1	20	7	404 / 1080			8	20	1	RECEPTACLE MULTI-PURPOSE ATHLETIC ROOM A106	
	LIGHTING	1	20	9		1105 / 1440		10	20	1	RECEPTACLE MULTI-PURPOSE ATHLETIC ROOM A106	
	LIGHTING	1	20	11			1658 / 1656	12	20	1	OHD MULTI-PURPOSE ATHLETIC ROOM A106	
	LIGHTING	1	20	13	1289 / 1656			14	20	1	OHD WEIGHT ROOM A105	
	LIGHTING	1	20	15		664 / 1111		16	20	1	SCOREBOARD ATHLETIC ROOM A106	
	LIGHTING	1	20	17			1474 / 720	18	20	1	RECEPTACLE WEIGHT ROOM A105	
	OHD WEIGHT ROOM A105	1	20	19	1656 / 1500			20	20	1	RECEPTACLE WEIGHT ROOM A105	
	DOOR SECURITY WEIGHT ROOM A105	1	20	21		500 / 1500		22	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	23			900 / 600	24	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	25	1500 / 1500			26	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	27		1500 / 1500		28	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	29			1500 / 1500	30	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	31	1500 / 700			32	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	33		1500 / 700		34	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	35			1500 / 0	36	20	1	SPARE BREAKER	
	RECEPTACLE WEIGHT ROOM A105	1	20	37	700 / 0			38	20	1	SPARE BREAKER	
	RECEPTACLE WEIGHT ROOM A105	1	20	39		700 / 0		40	20	1	SPARE BREAKER	
	ROOF RECEPTACLE WEIGHT ROOM A105	1	20	41			720 / 0	42	20	1	SPARE BREAKER	
					26961 VA	23888 VA	20671 VA					
					229 A	203 A	172 A					

VA SUBTOTALS: ***AMP SUBTOTALS:***

LOAD TYPE:	CONNECTED VA	DEMAND FACTOR	DEMAND VA	DEMAND AMPS	SUBTOTAL	PHASE
FIRE ALARM	500 VA	100.0%	500 VA	1 A	26961 VA	A
LIGHTING	15543 VA	125.0%	19429 VA	54 A	23888 VA	B
MOTORS	5664 VA	107.3%	6078 VA	17 A	20671 VA	C
Other	52 VA	70.0%	36 VA	0 A	PANEL TOTALS	
RECEPTACLE	34000 VA	64.7%	22000 VA	61 A	71501 VA	CONNECTED
MISC EQUIPMENT	8913 VA	90.0%	8022 VA	22 A	62876 VA	DEMAND
HVAC	7050 VA	100.0%	7050 VA	20 A	198 A	CONNECTED
					175 A	DEMAND

CIRCUIT NOTES:
G-PROVIDE GFCI RECEPTACLE.

PANEL A

MOUNTING: SURFACE
FED FROM: A
ENCLOSURE: NEMA 1
LOCATION: MECHANICAL / ELECTRICAL ROOM A104
AIC RATING: 15,000
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 225 A
MAINS TYPE: MLO
PANEL NOTES:
SECTION 2 OF 2
OTHER:

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
	ECH-A101 CORRIDOR A101	2	20	43	1500 / 2800			44	30	1	INVERTER INV1	1
				45		1500 / 1500		46	20	1	RECEPTACLE WEIGHT ROOM A105	
	EUH-A101 MECH/ELEC A104	2	20	47			1650 / 500	48	20	1	FIRE ALARM CONTROL PANEL	
				49	1650 / 1260			50	20	1	RECEPTACLE TRAINER A103	
	RECEPTACLE MECH/ELEC A104	1	20	51		540 / 1440		52	20	1	RECEPTACLE COACH OFFICE A102	
	RECEPT. (ICE) TRAINER A103	1	20	53			600 / 1440	54	20	1	RECEPTACLE A101	
	DOOR SECURITY A101	1	20	55	1000 / 360			56	20	1	RECEPTACLE WEIGHT ROOM A105	
	EF-A201	1	20	57		696 / 720		58	20	1	VID RECEPTACLE WEIGHT ROOM A105	
G	WC RECEPTACLE WEIGHT ROOM A105	1	20	59			1200 / 0	60				
	E BLDG SIGN LIGHTING	1	20	61	1500 / 930			62	20	1	HVAC CONTROL PANEL MECH/ELEC A104	
	LIGHTING CONTROL PANEL	1	20	63		500 / 1680		64	20	1	LIGHTING	
	SPARE BREAKER	1	20	65			0 / 1680	66	20	1	LIGHTING	
	SPARE BREAKER	1	20	67	0 / 1800			68	20	2	WH-2 TRAINER A103	1
	SPARE BREAKER	1	20	69		0 / 1800		70				
	SPARE BREAKER	1	20	71			0 / 0	72	--	1	SPACE ONLY	
	SPACE ONLY	1	--	73	0 / 0			74	--	1	SPACE ONLY	
	SPACE ONLY	1	--	75		0 / 0		76	--	1	SPACE ONLY	
	SPACE ONLY	1	--	77			0 / 0	78	--	1	SPACE ONLY	
	SPACE ONLY	1	--	79	0 / 0			80	--	1	SPACE ONLY	
	SPACE ONLY	1	--	81		0 / 0		82	--	1	SPACE ONLY	
	SPACE ONLY	1	--	83			0 / 0	84	--	1	SPACE ONLY	
					12800 VA	10376 VA	7070 VA					
					111 A	91 A	59 A					

VA SUBTOTALS: ***AMP SUBTOTALS:***

LOAD TYPE:	CONNECTED VA	DEMAND FACTOR	DEMAND VA	DEMAND AMPS	SUBTOTAL	PHASE
FIRE ALARM	500 VA	100.0%	500 VA	1 A	12800 VA	A
LIGHTING	5360 VA	125.0%	6700 VA	19 A	10376 VA	B
MOTORS	696 VA	125.0%	870 VA	2 A	7070 VA	C
RECEPTACLE	9240 VA	100.0%	9240 VA	26 A	PANEL TOTALS	
MISC EQUIPMENT	7400 VA	100.0%	7400 VA	21 A	30246 VA	CONNECTED
HVAC	7050 VA	100.0%	7050 VA	20 A	31760 VA	DEMAND
					84 A	CONNECTED
					88 A	DEMAND

CIRCUIT NOTES:
G-PROVIDE GFCI RECEPTACLE.
1-PROVIDE 2-#10 AWG CU, 1-#10 AWG CU GRD.

PANEL B

MOUNTING: SURFACE
FED FROM: MDP
ENCLOSURE: NEMA 1
LOCATION: STORAGE ROOM A118
AIC RATING: 10,000
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 225 A
MAINS TYPE: MLO
PANEL NOTES: PROVIDE PANEL WITH SURGE PROTECTION DEVICE (SPD). PROVIDE CIRCUIT BREAKER SIZED PER MANUFACTURER RECOMMENDATIONS IF SPD IS EXTERNAL.
SECTION 1 OF 2
OTHER:

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
	LIGHTING	1	20	1	1658 / 0			2				
	LIGHTING	1	20	3		1105 / 0		4	--	3	SPACE FOR EXTERNAL SPD	
	LIGHTING CORRIDOR A114	1	20	5			658 / 0	6				
	LIGHTING	1	20	7	1878 / 1440			8	20	1	RECEPTACLE RESTROOMS	
	SOUND RACK STORAGE A121	1	20	9		360 / 1200		10	20	1	WC RECEPTACLE CORRIDOR A107	G
G	WASH FAUCET RESTROOMS	1	20	11			720 / 1176	12	20	1	OHD CORRIDOR A107	
	OHD CORRIDOR A119	1	20	13	1176 / 1080			14	20	1	RECEPTACLE STORAGE ROOM A118	
	DBF-1, DBF-2	1	20	15		132 / 540		16	20	1	RECEPTACLE MULTIPURPOSE GYMNASIUM A120	
	RACK RECEPTACLE TECH ROOM A115	1	20	17			1920 / 1656	18	20	1	OHD MULTIPURPOSE GYMNASIUM A120	
	RECEPTACLE MULTIPURPOSE GYMNASIUM A120	1	20	19	1080 / 360			20	20	1	RECEPTACLE MEZZANINE A201	
	RECEPTACLE MULTIPURPOSE GYMNASIUM A120	1	20	21		720 / 360		22	20	1	RECEPTACLE MEZZANINE A201	
	RECEPTACLE MEZZANINE A201	1	20	23			360 / 360	24	20	1	RECEPTACLE MEZZANINE A201	
	RECEPTACLE MEZZANINE A201	1	20	25	1080 / 1176			26	20	1	BB LIFT GYMNASIUM A120	
	OHD GOLF SIMULATOR A202	1	20	27		1656 / 1176		28	20	1	BB LIFT GYMNASIUM A120	
	RECEPTACLE GOLF SIMULATOR A202	1	20	29			1151 / 1176	30	20	1	BB LIFT GYMNASIUM A120	
	BB HIT ADJ GYMNASIUM A120	1	20	31	408 / 1111			32	20	1	SCOREBOARD GYMNASIUM A120	
	BB HIT ADJ GYMNASIUM A120	1	20	33		408 / 1920		34	20	1	BATTING CAGE LIFT A201	
	BB HIT ADJ GYMNASIUM A120	1	20	35			408 / 1920	36	20	1	BATTING CAGE LIFT A201	
	SPARE BREAKER	1	20	37	0 / 0			38	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	39		0 / 0		40	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	41			0 / 0	42	--	1	SPACE ONLY	
					22860 VA	17856 VA	20735 VA					
					194 A	149 A	176 A					

VA SUBTOTALS: ***AMP SUBTOTALS:***

LOAD TYPE:	CONNECTED VA	DEMAND FACTOR	DEMAND VA	DEMAND AMPS	SUBTOTAL	PHASE
LIGHTING	6119 VA	125.0%	7649 VA	21 A	22860 VA	A
MOTORS	15744 VA	103.0%	16224 VA	45 A	17856 VA	B
RECEPTACLE	24840 VA	70.1%	17420 VA	48 A	20735 VA	C
MISC EQUIPMENT	11848 VA	80.0%	9478 VA	26 A	PANEL TOTALS	
HVAC	3162 VA	100.0%	3162 VA	9 A	61444 VA	CONNECTED
					53615 VA	DEMAND
					171 A	CONNECTED
					149 A	DEMAND

CIRCUIT NOTES:
G-PROVIDE GFCI BREAKER.

PANEL B

MOUNTING: SURFACE
FED FROM: B
ENCLOSURE: NEMA 1
LOCATION: STORAGE ROOM A118
AIC RATING: 10,000
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 225 A
MAINS TYPE: MLO
PANEL NOTES:
SECTION 2 OF 2
OTHER:

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
	SSCU-1A & B	2	20	43	1581 / 500			44	20	1	SECURITY CONTROL PANEL	
				45		1581 / 500		46	20	1	ACCESS CONTROL PANEL	
1	INVERTER INV2	1	30	47			2800 / 2250	48	30	2	CLOTHES DRYER(120/208)	G,2
1	WH-1	2	35	49	2500 / 2250			50				
				51		2500 / 2250		52	30	2	CLOTHES DRYER(120/208)	G,2
	LIGHTING	1	20	53			1674 / 2250	54				
	LIGHTING	1	20	55	348 / 1500			56	20	1	CLOTHES WASHER	G
	SPARE BREAKER	1	20	57		0 / 1500		58	20	1	CLOTHES WASHER	G
	SPARE BREAKER	1	20	59			0 / 360	60	20	1	RECEPTACLE LAUNDRY A117	
	SPARE BREAKER	1	20	61	0 / 1920			62	20	1	VERTICAL LIFT	
	SPARE BREAKER	1	20	63		0 / 0		64	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	65			0 / 0	66	--	1	SPACE ONLY	
	SPACE ONLY	1	--	67	0 / 0			68	--	1	SPACE ONLY	
	SPACE ONLY	1	--	69		0 / 0		70	--	1	SPACE ONLY	
	SPACE ONLY	1	--	71			0 / 0	72	--	1	SPACE ONLY	
	SPACE ONLY	1	--	73	0 / 0			74	--	1	SPACE ONLY	
	SPACE ONLY	1	--	75		0 / 0		76	--	1	SPACE ONLY	
	SPACE ONLY	1	--	77			0 / 0	78	--	1	SPACE ONLY	
	SPACE ONLY	1	--	79	0 / 0			80	--	1	SPACE ONLY	
	SPACE ONLY	1	--	81		0 / 0		82	--	1	SPACE ONLY	
	SPACE ONLY	1	--	83			0 / 0	84	--	1	SPACE ONLY	
					10582 VA	8331 VA	9265 VA					
					89 A	69 A	78 A					

VA SUBTOTALS: ***AMP SUBTOTALS:***

LOAD TYPE:	CONNECTED VA	DEMAND FACTOR	DEMAND VA	DEMAND AMPS	SUBTOTAL	PHASE
LIGHTING	2021 VA	125.0%	2527 VA	7 A	10582 VA	A
MOTORS	1920 VA	125.0%	2400 VA	7 A	8331 VA	B
RECEPTACLE	12360 VA	90.5%	11190 VA	31 A	9265 VA	C
MISC EQUIPMENT	8800 VA	100.0%	8800 VA	24 A	PANEL TOTALS	
HVAC	3162 VA	100.0%	3162 VA	9 A	28169 VA	CONNECTED
					27953 VA	DEMAND
					78 A	CONNECTED
					78 A	DEMAND

CIRCUIT NOTES:
1 G-PROVIDE GFCI CIRCUIT BREAKER.
1-PROVIDE 4-#4 AWG CU, 1-#10 AWG CU GRD.
2-PROVIDE 3-#10 AWG CU, 1-#10 AWG CU GRD.
1 3-PROVIDE 2-#8 AWG CU, 1-#10 AWG CU GRD.

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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

NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM #02	12/19/2025
2	CONSTRUCTION DOCUMENTS - ADDENDUM #04	01/05/2026
3	CONSTRUCTION DOCUMENTS - ADDENDUM #05	01/08/2026

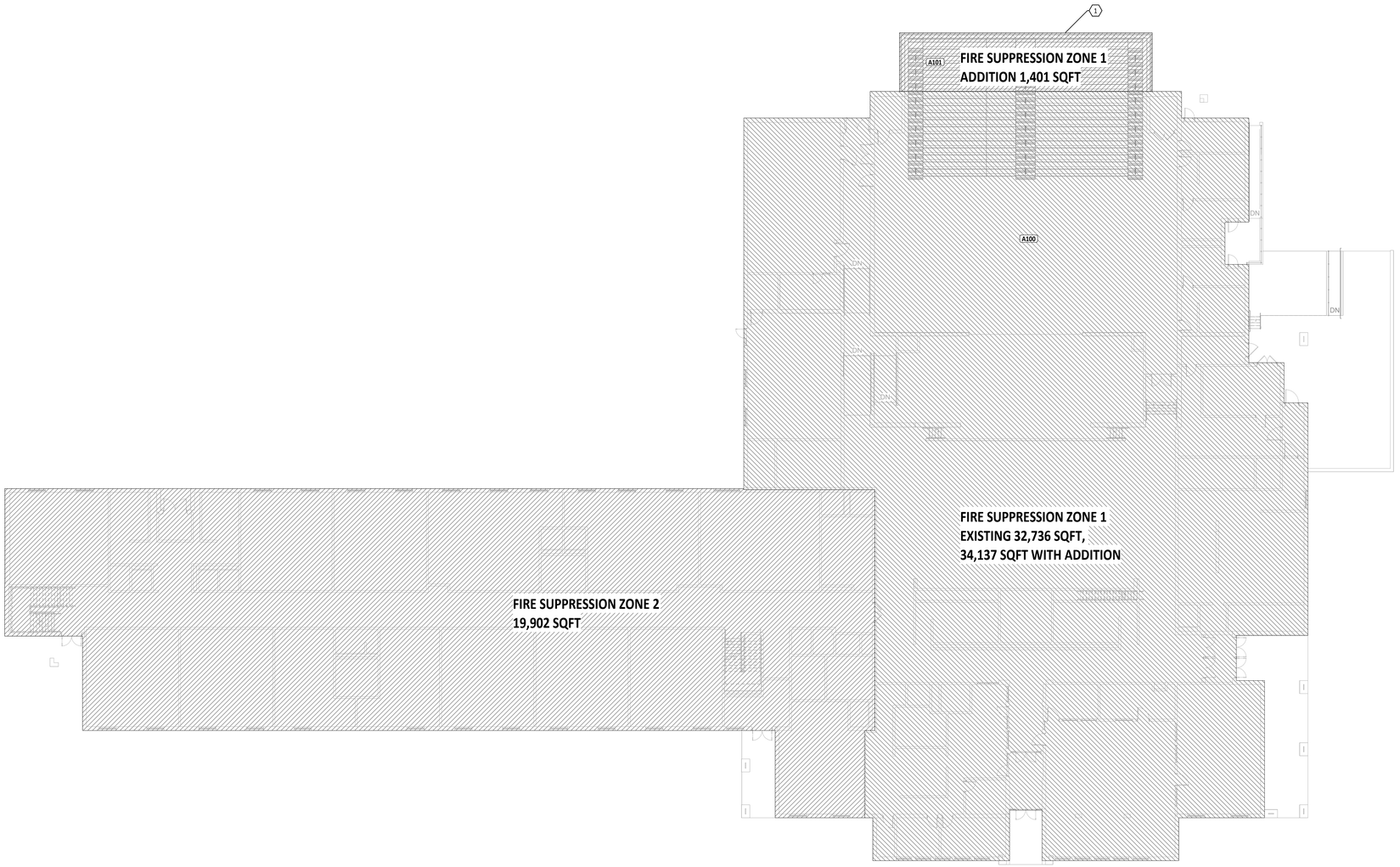
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

SHEET TITLE:
ELECTRICAL ONE-LINE DIAGRAM AND PANEL SCHEDULES

SHEET NUMBER:
E8.1

PRINTED ON: 1/7/2026 11:06:49 AM

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1 FP1.1 **FIRST FLOOR FIRE PROTECTION PLAN**
1/16" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - UNIT A

ROOM NUMBER	ROOM NAME	AREA
A100	GYMNASIUM	6,691 SF
A101	GYMNASIUM ADDITION	1,336 SF
A130	DINING	4,995 SF

FIRE PROTECTION GENERAL NOTES

A PROVIDE A COMPLETE WET TYPE FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE FLOOR PLAN AND CEILING TYPES INCLUDING MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. PROVIDE ORDINARY HAZARD IN SPACE WHERE REQUIRED. THE SYSTEM SHALL BE INSTALLED ACCORDING TO DIVISION 21 SPECIFICATIONS AND RECOMMENDATIONS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.

B SPRINKLER PIPING SERVING GYMNASIUMS SHALL BE ROUTED AS HIGH AS POSSIBLE. SPRINKLER PIPING SHALL BE ROUTED ABOVE THE BOTTOM CHORD OF THE ROOF TRUSSES. COORDINATE ROUTING OF SPRINKLER PIPING WITH BUILDING CONSTRUCTION, DUCTWORK, LIGHTING, AND ALL OTHER UTILITIES.

C PROVIDE BOLT OR SCREW FASTENED WIRE GUARDS FOR ALL SPRINKLER PIPES IN THE GYMNASIUMS AND MECHANICAL ROOMS.

D FIRE PROTECTION SPRINKLER MAINS AND ZONES SHALL BE ROUTED AS DENOTED ON DRAWINGS. ANY ALTERNATE ROUTING MUST BE APPROVED BY THE ARCHITECT/ENGINEER. THIS CONTRACTOR SHALL DETERMINE THE ACTUAL PIPE SIZING AND ROUTING REQUIRED AND COORDINATE WORK WITH ALL OTHER TRADES TO AVOID CONFLICTS.

E THE SPRINKLER SYSTEM SHALL BE DESIGNED BASED UPON ACTUAL WATER FLOW TEST DATA OBTAINED AT OR NEAR THE JOB SITE.

F DIVISION 21 CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR PROPER INSTALLATION OF THE FIRE PROTECTION SYSTEMS ALARM DEVICES INVOLVED WITH FIRE SPRINKLER SYSTEM.

G ALL SPRINKLER SYSTEM PIPING SHALL BE CONCEALED ABOVE THE SUSPENDED CEILING SYSTEM, UNLESS NOTED OTHERWISE. WRITTEN AUTHORIZATION SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO EXPOSING ANY PIPING IN ANY ROOM WHICH HAS A SUSPENDED CEILING.

K AN INSPECTOR'S TEST CONNECTION SHALL BE PROVIDED FOR EACH FIRE SPRINKLER ZONE. THIS CONTRACTOR SHALL PROVIDE FIXED PIPING FROM THE TEST CONNECTION TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE TEST. EXTERIOR DISCHARGE OF THE TEST CONNECTION SHALL BE PERMITTED ONLY BY SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER.

L COLORED CEILINGS AND BULKHEADS SHALL BE COORDINATED WITH THE COLOR OF CONCEALED SPRINKLER HEAD COVERS. INSTALL SPRINKLER SYSTEM PER NFPA 13, STATE AND LOCAL FIRE MARSHALL AND DIVISION 21 OF THE SPECIFICATIONS.

M PROVIDE ALTERATIONS TO THE EXISTING FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW FLOOR PLAN AND NEW CEILING TYPES. PROVIDE A COMPLETE WET TYPE SYSTEM INCLUDING NEW MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. PROVIDE ORDINARY HAZARD IN SPACE WHERE REQUIRED. REUSE EXISTING SYSTEM EQUIPMENT WHERE APPLICABLE. THE SYSTEM SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS AND AS PER REQUIREMENTS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.

N THE BUILDINGS COMPLETE OPERATIONAL FIRE PROTECTION SYSTEMS SHALL REMAIN IN PLACE. THIS CONTRACTOR SHALL REPAIR ANY DAMAGE TO THIS SYSTEM CREATED BY THE REMOVAL OF ANY OTHER MECHANICAL SYSTEMS OR COMPONENTS.

O THIS CONTRACTOR SHALL COORDINATE PHASING OF SPRINKLER WORK WITH ALL OTHER CONTRACTORS PRIOR TO STARTING WORK.

P THIS CONTRACTOR SHALL PREPARE HYDRAULIC CALCULATIONS BASED UPON THE CONFIGURATION OF THE ACTUAL SYSTEM DESIGN AS SHOWN ON THIS CONTRACTOR'S SHOP DRAWINGS.

Q THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL SPRINKLER HEADS AS REQUIRED TO ENSURE AN APPROVED FIRE PROTECTION SYSTEM AT NO ADDITIONAL COST TO THE OWNER.

R PROVIDE AUXILIARY DRAIN VALVES AS REQUIRED BY NFPA. AUXILIARY DRAINS SHALL BE EXPOSED WITH 1" DRAIN VALVES. WHEN 5 OR MORE GALLONS ARE TRAPPED, THIS CONTRACTOR SHALL PROVIDE FIXED PIPING TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE DRAIN. WHEN LESS THAN 5 GALLONS ARE TRAPPED, A HOSE BIB SHALL BE PROVIDED AT THE DRAIN VALVE.

S AUXILIARY DRAINS SHALL NOT BE LOCATED ABOVE PLASTER OR GYPSUM BOARD CEILING SYSTEMS. ONLY BY A SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER WILL A VARIANCE BE PROVIDED.

T THE CONTRACTOR SHALL PARTICIPATE IN THE 3D COORDINATION PROGRESS MEETINGS LED BY DIVISION 23 MECHANICAL CONTRACTOR. THE DIVISION 21 FIRE SUPPRESSION CONTRACTOR SHALL PROVIDE 3D MODEL OF SPRINKLER SYSTEM DESIGN TO INCLUDE IN 3D COORDINATION MODEL.

#	KEYNOTE DESCRIPTION
1	EXTEND SPRINKLER HEAD LAYOUT TO PROVIDE THE APPROPRIATE COVERAGE IN THE SPACE. VERIFY EXISTING SIZE, TYPE, AND LOCATION ON SITE. COORDINATE WORK WITH THE GENERAL CONTRACTOR.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
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BUILDING ADDITION

FT LORAMIE ELEMENTARY SCHOOL RENOVATION

35 ELM STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

1	CONSTRUCTION DOCUMENTS - ADDENDUM #05	01/08/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	RAG	LGW

SHEET TITLE:

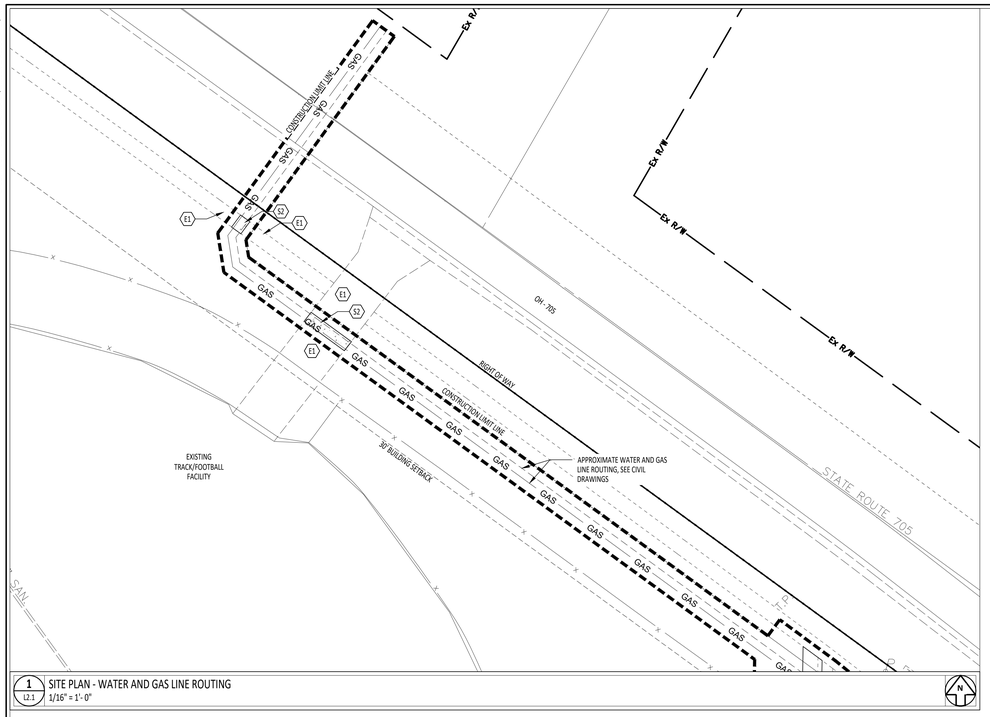
FIRE PROTECTION PLAN

SHEET NUMBER:

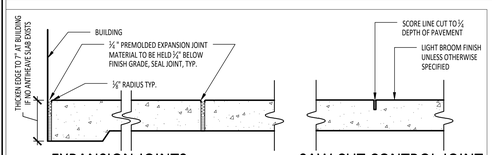
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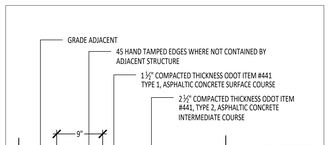
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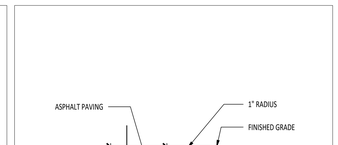
1 L2.1 SITE PLAN - WATER AND GAS LINE ROUTING
1/16" = 1'- 0"



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

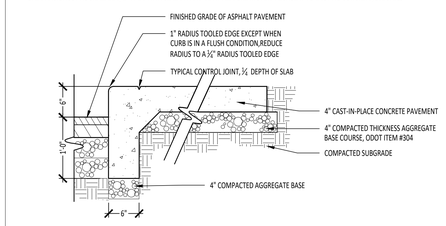


3 L2.1 ASPHALT PAVEMENT HEAVY DUTY
1" = 1'- 0"

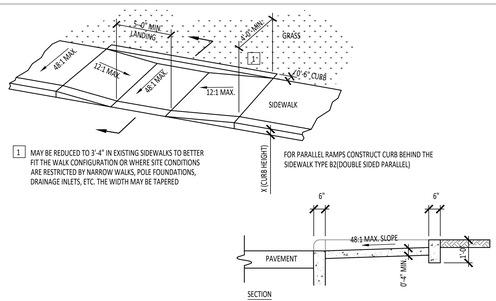


4 L2.1 CURB
3/4" = 1'- 0"

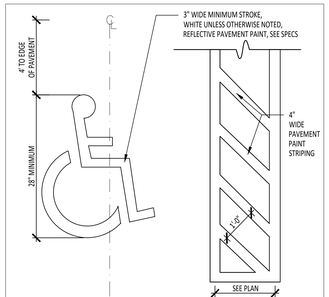
NOTES:
1. EXPANSION AND CONTROL JOINTS AS SHOWN ON PLAN . IF NOT INDICATED EXPANSION JOINTS TO BE 30'-0" O.C. CONTROL JOINTS TO BE @5'-0" O.C.
2. PROVIDE LIGHT BROOM FINISH ON ALL CONCRETE SURFACES AFTER JOINT & EDGE TOOLING. PROVIDE 1/4" RADIUS ON ALL SLAB EDGES.
3. EXPANSION JOINTS SHALL BE 1/2" WIDE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



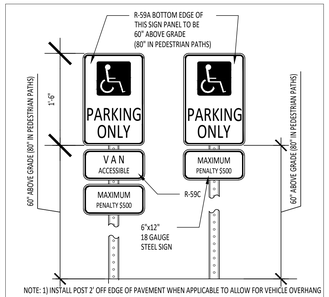
5 L2.1 INTEGRAL CONCRETE CURB AND WALK
1" = 1'- 0"



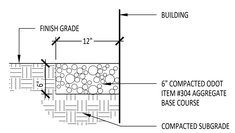
6 L2.1 PARALLEL CURB RAMP
3/8" = 1'- 0"



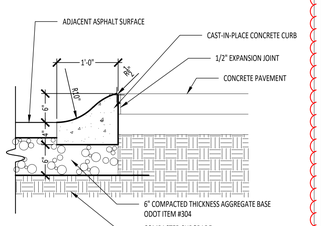
7 L2.1 ACCESSIBLE PARKING SPACE
1/2" = 1'- 0"



8 L2.1 RESERVED PARKING FOR HANDICAPPED SIGN
1" = 1'- 0"



9 L2.1 GRAVEL MOW STRIP
1" = 1'- 0"



10 L2.1 ROLLED CURB
1" = 1'- 0"

ALTERNATE 07

QTY. 2



BASIS OF DESIGN: THOMAS STEELE - CHANDLER RECEPTACLE (CHTRD-32-P) COLOR - BLACK

12 L2.1 LITTER RECEPTACLE
1" = 1'- 0"

ALTERNATE 07

QTY. 1



BASIS OF DESIGN: MADRAX - HEAVY DUTY CHALLENGER (H36-11-IG-G) COLOR - BLACK

13 L2.1 BICYCLE RACK
1" = 1'- 0"

KEYNOTE SCHEDULE	
	EXISTING TO REMAIN
E1	EXISTING CONCRETE TO REMAIN
E2	EXISTING ASPHALT TO REMAIN
E3	EXISTING CURB TO REMAIN
E4	EXISTING CATCH BASIN TO REMAIN
E5	EXISTING TREE TO REMAIN
E6	EXISTING FENCE TO REMAIN
	SITE
S1	MIL, FILL AND RE-STRIPE ASPHALT PAVEMENT
S2	CONCRETE PAVEMENT, SEE DETAIL 2/L2.1
S3	HEAVY DUTY ASPHALT PAVEMENT 3/L2.1
S4	FULL DEPTH CONCRETE CURB, SEE DETAIL 4/L2.1
S5	CONCRETE SIDEWALK WITH INTEGRAL CURB, SEE DETAIL 5/L2.1
S6	6" DEPTH, #57 GRAVEL OVER FILTER FABRIC, SEE SPECIFICATIONS
S7	HANDICAP ACCESSIBLE CURB RAMP SEE DETAIL 6/L2.1
S8	HANDICAP ACCESSIBLE PARKING SPACE WITH SIGNAGE, SEE DETAILS 7 & 8/L2.1
S9	CONCRETE ANTI-HEAVE SLAB, COORDINATE WITH STRUCTURAL DRAWINGS
S10	PAVEMENT ARROWS, PAVEMENT MARKINGS AND PAINTED ISLANDS, SEE SPECIFICATIONS
S11	6' HIGH LOUVRE FENCE AND GATE, SEE SPECIFICATIONS
S12	1' GRAVEL MOW STRIP, SEE DETAIL 9/L2.1
S13	LIGHTPOLE, SEE ELECTRICAL DRAWINGS
S14	ROLLED CURB, SEE DETAIL 10/L2.1
S15	CONCRETE STAIR, SEE DETAIL 11/L2.1 AND CIVIL DRAWINGS
S16	12' WIDE DOUBLE LEAF CHAINLINK GATE. FENCE HEIGHT AND MATERIAL TO MATCH EXISTING. PROVIDE ARCHITECT WITH SUBMITTAL FOR REVIEW
	PLANTING
P1	FINE GRADE SEED AND LAWN, SEE SPECIFICATIONS
P2	PLANT BED, SEE SHEET L3.1

LEGEND

- P.O.B. (POINT OF BEGINNING)
- ALIGN
- KEYNOTE DESIGNATION REFER TO NOTES THIS SHEET
- CONTROL JOINT
- CONCRETE PAVEMENT
- STANDARD DUTY CONCRETE
- MILL & FILL ASPHALT PAVING
- GRAVEL PAVEMENT
- CONCRETE ANTI-HEAVE SLAB
- HEAVY DUTY ASPHALT PAVING

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.	PATCH & REPAIR ALL AREAS, SURFACES & MATERIALS TO CONDITION OF SURROUNDING AREA.
D.	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.
E.	DIMENSIONS ARE TO FACE OF CURB, FENCE, COLUMN OR CENTERLINE UNLESS OTHERWISE NOTED. WALKS SHALL BE CENTERED ON DOOR WAYS.
F.	WALKS SHALL MEET BOTH VERTICALLY AND HORIZONTALLY.
G.	LAYOUT AND DIMENSIONS ARE PARALLEL AND PERPENDICULAR TO ONE ANOTHER UNLESS OTHERWISE INDICATED IN PLANS.
H.	CONTRACTOR SHALL CALL OUPS (800) 362-2764 PRIOR TO COMMENCEMENT OF ANY WORK.
I.	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.

STATE OF OHIO
MATTHEW R. HIBNER
1446052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1446052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MINSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FT WAYNE, INDIANA
creativegm.com

NEW BUILDING FOR -

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 02	12/19/2025
5	ADDENDUM 5	1/8/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MAD	SKE

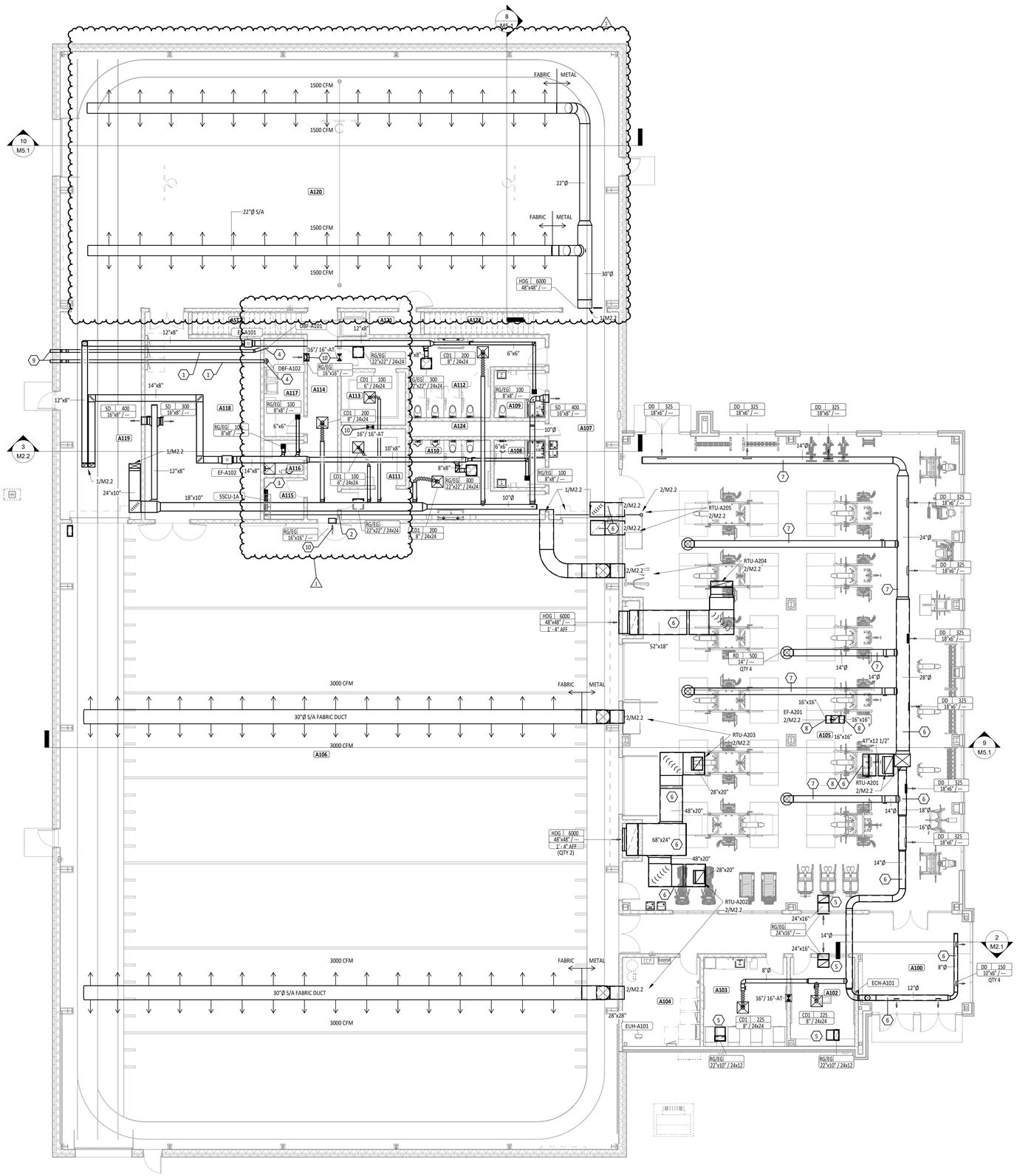
SHEET TITLE:

SITE PLAN AND DETAILS

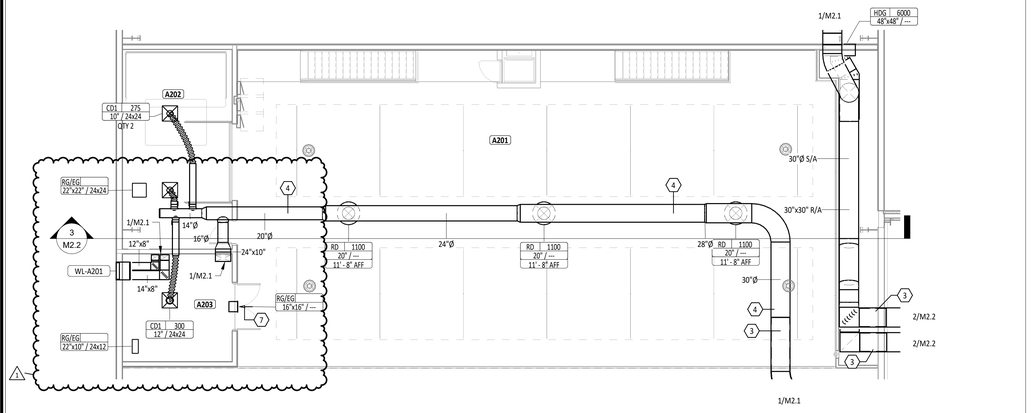
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L2.1

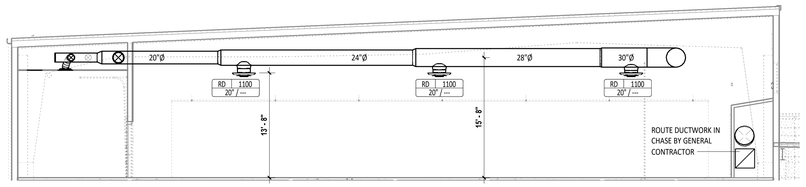
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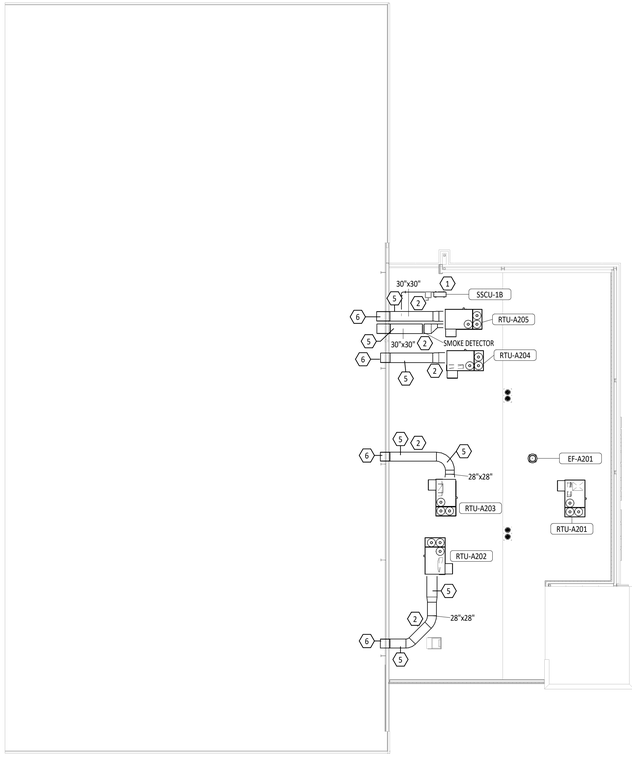
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1 / M2.2 MEZZANINE MECHANICAL PLAN
1/8" = 1'-0"



3 / M2.2 MEZZANINE HVAC SECTION
1/8" = 1'-0"



2 / M2.2 ROOF MECHANICAL PLAN
1/16" = 1'-0"

SECOND FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A201	MEZZANINE	3,070 SF
A202	GOLF SIMULATOR	372 SF
A203	STORAGE	201 SF

HVAC GENERAL NOTES

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

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

C. ALL EQUIPMENT LOCATED ABOVE CEILING REQUIRING MAINTENANCE SHALL BE INSTALLED WITHIN (2) FEET OF THE CEILING FOR MAINTENANCE PURPOSES. DO NOT INSTALL UNITS ABOVE LIGHTS AND CEILING SPEAKERS. COORDINATE LOCATION WITH ARCHITECTURAL REFLECTED CEILING PLAN AND GENERAL CONTRACTOR.

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. ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.

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

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

R. 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.

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

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	MOUNT OUTDOOR CONDENSING UNIT ON ROOF. PROVIDE PATE TYPE ROOF CURB RAILS FOR UNIT MOUNTING.
2	EXTERIOR DUCTWORK SHALL BE A PREINSULATED EXTERNAL TYPE OR EXTERIOR INSULATED WITH A MINIMUM R VALUE OF 6 AND WRAPPED WITH A METAL JACKET. ALL INSULATION IS TO BE TAPERED FOR PROPER DRAINAGE. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
3	UNDER BASE BID, PROVIDE 1" ACOUSTICAL LINER IN DUCT FROM AHU UP TO THE LOCATION SHOWN. DUCT SIZE/DIMENSIONS SHOWN IS FREE AREA REQUIRED AND DOES NOT INCLUDE THE LINER. ALL LINED DUCT AND FITTINGS SHALL BE DOUBLE-WALLED WITH PERFORATED INTERIOR.
4	UNDER ALTERNATE BID #11, PROVIDE 1" ACOUSTICAL LINER IN DUCT FROM AHU UP TO THE LOCATION SHOWN. DUCT SIZE/DIMENSIONS SHOWN IS FREE AREA REQUIRED AND DOES NOT INCLUDE THE LINER. ALL LINED DUCT AND FITTINGS SHALL BE DOUBLE-WALLED WITH PERFORATED INTERIOR. BASE BID SHALL BE NON-LINED, SPIRAL SEAM. ALL EXPOSED METAL DUCT TO BE PAINT-GRIP TYPE FOR PAINTING BY GENERAL CONTRACTOR.
5	EXTERIOR DUCTWORK SHALL BE SUPPORTED WITH STEEL PEDESTALS WITH BASES RESTING ON AND NOT PENETRATING ROOF MEMBRANE. SIZE AND SPACING SHALL BE AS REQUIRED TO DISTRIBUTE LOAD SUFFICIENTLY. PRODUCT SHALL BE EQUAL TO NVENT CADDY PYRAMID SUPPORT.
6	NEW DUCTWORK SHALL BE ROUTED THROUGH EXTERIOR WALL. SEAL OPENING AIR AND WATER TIGHT.
7	PROVIDE AIR TRANSFER OPENING ABOVE CEILING AS SHOWN. PROVIDE GRILLE ON SIDE WITH NO CEILING AS SHOWN ON PLANS. CONFIRM ELEVATION WITH ARCHITECTURAL CEILING PLAN.

ROOFTOP UNIT SCHEDULE

ID	MANUFACTURER	MODEL NO.	TYPE	ARRANGEMENT	SUPPLY AIRFLOW	OUTSIDE AIR FLOW	OUTSIDE AIR DCV	FAN PRESS ESP	FAN DRIVE TYPE	FAN MOTOR QTY	FAN MOTOR POWER	FAN MOTOR ECM	INCLUDE POWER EXHAUST	COOLING COIL CAP NOMINAL CAP	COOLING COIL CAP TOTAL	COOLING COIL AIRSIDE SENSIBLE	COOLING COIL AIRSIDE EAT(db)	COOLING COIL AIRSIDE EAT(wb)	COOLING COIL AIRSIDE LAT(db)	COOLING COIL AIRSIDE LAT(wb)	INCLUDE ECONOMIZER	INCLUDE HGR	GAS-FIRED HX GAS BURNER INPUT	GAS BURNER EFF	GAS BURNER STAGES	GAS BURNER FUEL TYPE	GAS BURNER FUEL PRESS AVAIL	AIRSIDE EAT(db)	AIRSIDE LAT(db)	COMPRESSOR REFRIGERANT TYPE	SUMMER AMBIENT DBT	WINTER AMBIENT DBT	EER	IEER	FILTER EFF	UNIT WEIGHT	MCA	MOCP	VOLT	PH	REMARKS
RTU-A201	CARRIER	48FETN168A5-3MBC0	GAS/DX	VERTICAL SUPPLY/VERTICAL RETURN	6000 CFM	2000 CFM	Yes	0.75 in-wg	DIRECT	1	5.00 hp	Yes	Yes	15.0 ton	182,020 Btu/h	126,980 Btu/h	80.0 °F	67.6 °F	59.7 °F	57.7 °F	Yes	Yes	350,000 Btu/h	81.0%	2	NG	11.00 in-wg	45.0 °F	90.5 °F	R-454B	95.0 °F	0.0 °F	10.8	14.5	4" MERV-13	1704 lb	83 A	100 A	208 V	3	1, 2, 3, 4, 5, 6, 7, 8
RTU-A202	CARRIER	48FETN168A5-3MBC0	GAS/DX	HORIZONTAL SUPPLY/VERTICAL RETURN	6000 CFM	1650 CFM	Yes	1.00 in-wg	DIRECT	1	5.00 hp	Yes	Yes	15.0 ton	179,770 Btu/h	125,450 Btu/h	79.1 °F	67.0 °F	58.5 °F	57.1 °F	Yes	Yes	350,000 Btu/h	81.0%	2	NG	11.00 in-wg	49.0 °F	94.5 °F	R-454B	95.0 °F	0.0 °F	10.8	14.5	4" MERV-13	1704 lb	83 A	100 A	208 V	3	1, 2, 3, 4, 5, 6, 7, 8
RTU-A203	CARRIER	48FETN168A5-3MBC0	GAS/DX	HORIZONTAL SUPPLY/VERTICAL RETURN	6000 CFM	1650 CFM	Yes	1.00 in-wg	DIRECT	1	5.00 hp	Yes	Yes	15.0 ton	179,700 Btu/h	125,450 Btu/h	79.1 °F	67.0 °F	58.5 °F	57.1 °F	Yes	Yes	350,000 Btu/h	81.0%	2	NG	11.00 in-wg	49.0 °F	94.5 °F	R-454B	95.0 °F	0.0 °F	10.8	14.5	4" MERV-13	1704 lb	83 A	100 A	208 V	3	1, 2, 3, 4, 5, 6, 7, 8
RTU-A204	CARRIER	48FERN168A5-3MBC0	GAS/DX	HORIZONTAL SUPPLY/VERTICAL RETURN	6050 CFM	700 CFM	Yes	1.25 in-wg	DIRECT	1	5.00 hp	Yes	Yes	15.0 ton	171,900 Btu/h	116,060 Btu/h	76.9 °F	65.4 °F	56.3 °F	54.8 °F	Yes	Yes	240,000 Btu/h	81.0%	2	NG	11.00 in-wg	59.3 °F	92.9 °F	R-454B	95.0 °F	0.0 °F	10.8	14.5	4" MERV-13	1686 lb	83 A	100 A	208 V	3	1, 2, 3, 4, 5, 6, 7, 8
RTU-A205	CARRIER	48FETN168A5-3MBC0	GAS/DX	HORIZONTAL SUPPLY/HORIZONTAL RETURN	6000 CFM	1400 CFM	Yes	1.25 in-wg	DIRECT	1	5.00 hp	Yes	Yes	15.0 ton	178,350 Btu/h	124,180 Btu/h	78.5 °F	66.5 °F	58.1 °F	56.7 °F	Yes	Yes	350,000 Btu/h	81.0%	2	NG	11.00 in-wg	51.9 °F	97.4 °F	R-454B	95.0 °F	0.0 °F	10.8	14.5	4" MERV-13	1704 lb	83 A	100 A	208 V	3	1, 2, 3, 4, 5, 6, 7, 8

1. Humidi-MiZer® ADAPTIVE DEHUMIDIFICATION SYSTEM OR EQUAL.
2. ENTHALPY ECONOMIZER AND CO2 SENSOR.
3. HIGH STATIC FAN
4. NON-FUSED DISCONNECT.
5. R-454B (OR R32) APPROVED DISSIPATION BOARD AND LEAK SENSOR
6. STAINLESS STEEL GAS HEAT EXCHANGER
7. ELECTRICAL CONVENIENCE OUTLET
8. PROVIDE WITH BACNET CARD.

ELECTRIC UNIT HEATER SCHEDULE

ID	MANUFACTURER	MODEL NO.	TYPE	FAN AIRFLOW DESIGN	HEATING COIL AIRSIDE EAT(db)	HEATING COIL AIRSIDE LAT(db)	HEATING ELEMENT QTY	HEATING ELEMENT POWER	UNIT DIMENSIONS AFF ELEVATION	UNIT WEIGHT	AMPS	VOLT	PH	REMARKS
ECH-A101	BROAN	198	WALL RECESSED	300 CFM	65.0 °F	96.6 °F	1	3.0 kW	1' - 4"	25 lb	14.4 A	208 V	1	UNIT MOUNTED TAMPER PROOF THERMOSTAT. PROVIDE WITH RECESSED WALL KIT.
EUH-A101	MARKEL	F2FS103N	CEILING HUNG	400 CFM	65.0 °F	91.0 °F	1	3.3 kW	9' - 0"	25 lb	15.9 A	208 V	1	PROVIDE WITH MFG WALL BRACKET AND UNIT MOUNTED THERMOSTAT.

LOUVER SCHEDULE

ID	SERVES	MANUFACTURER	MODEL NO.	TYPE	DESIGN AIRFLOW	PD	DIMENSIONS HEIGHT	DIMENSIONS WIDTH	DIMENSIONS TOP MOUNT HEIGHT	REMARKS
WL-A201	EF-A102	GREENHECK	EHH-501	EXHAUST	1000 CFM	0.10 in-wg	24"	28"	27' - 2"	COLOR BY ARCHITECT.

WALL MOUNTED AIR CONDITIONER SCHEDULE

ID	MANUFACTURER	MODEL NO.	TYPE	FAN DESIGN AIRFLOW	COOLING COIL NOMINAL CAP	MCA	VOLT	PH	INTERLOCK ID	REMARKS
SSCU-1A	CARRIER	45MAHAQ18XA3	HEAT PUMP	635 CFM	1.5 ton	3.0 A	208 V	1	SSCU-1B	PROVIDE WIRED THERMOSTAT. INDOOR POWERED BY OUTDOOR UNIT.

SPLIT SYSTEM CONDENSING UNIT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL NO.	TYPE	COMPRESSOR CAP	COMPRESSOR REFRIGERANT TYPE	COMPRESSOR LOW AMBIENT KIT	DESIGN PIPE LENGTH	SEER	EER	MCA	MOCP	VOLT	PH	INTERLOCK ID	REMARKS
SSCU-1B	SPLIT-SYSTEM CONDENSING UNIT	CARRIER	37MAHAQ18 AA3	HEAT PUMP	1.5 ton	R-454B	Yes	100'	19.8	10.4	19.0 A	20 A	208 V	1	SSCU-1A	PROVIDE WITH WIND BAFFLE AND ACCESSORIES REQUIRED FOR LOW AMBIENT COOLING DOWN TO -20 DEGREES F. MOUNT ON NEOPRENE ISOLATORES.

GRILLES, REGISTERS AND DIFFUSERS SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	FACE SIZE	NECK SIZE	NECK WIDTH	NECK HEIGHT	BLADE DESIGN THICKNESS	BLADE DESIGN SPACING	DEFLECTION ANGLE SINGLE	DEFLECTION ANGLE DOUBLE	BLADE DESIGN ORIENTATION	INSTALLATION BORDER TYPE	NOTES
SD	LOUVERED DOUBLE DEFLECTION GRILLE	TITUS	300FS	3	---		16"	8"	1/8"	3/4"	0.0°	0.0°	DOUBLE-LONG	TYPE 1 (SURFACE)	
RG/EG	LOUVERED GRILLE	TITUS	355FL	4	---		8"	8"	1/8"	1/2"	35.0°		LONG	TYPE 1 (SURFACE)	
RG/EG	LOUVERED GRILLE	TITUS	355FL	3	24x12		22"	10"	1/8"	1/2"	35.0°		LONG	TYPE 3 (LAY-IN)	
RG/EG	LOUVERED GRILLE	TITUS	355FL	3	---		16"	16"	1/8"	1/2"	35.0°		LONG	TYPE 1 (SURFACE)	
RG/EG	LOUVERED GRILLE	TITUS	355FL	2	---		24"	16"	1/8"	1/2"	35.0°		LONG	TYPE 1 (SURFACE)	
RG/EG	LOUVERED GRILLE	TITUS	355FL	5	24x24		22"	22"	1/8"	1/2"	35.0°		LONG	TYPE 3 (LAY-IN)	
RD	ROUND DIFFUSER WITH ADJUSTABLE PATTERNS	TITUS	TMRA	4	---	14"								SURFACE	
RD	ROUND DIFFUSER WITH ADJUSTABLE PATTERNS	TITUS	TMRA	3	---	20"								SURFACE	
HDG	LOUVERED GRILLE	TITUS	33RL	4	---		48"	48"	1/8"	1/2"	35.0°		LONG	TYPE 1 (SURFACE)	
DD	LOUVERED DOUBLE DEFLECTION GRILLE	TITUS	S300FS	4	---		10"	6"	1/8"	3/4"	45.0°	0.0°	DOUBLE-SHORT	DUCT MOUNT INSTALLATION	REFER TO SPECIFICATIONS.
DD	LOUVERED DOUBLE DEFLECTION GRILLE	TITUS	S300FS	9	---		18"	6"	1/8"	3/4"	45.0°	0.0°	DOUBLE-SHORT	DUCT MOUNT INSTALLATION	REFER TO SPECIFICATIONS.
CD1	LOUVERED FACE DIFFUSER	TITUS	TDC-AA	2	24x24	6"								TYPE 3 (LAY-IN)	REFER TO SPECIFICATIONS.
CD1	LOUVERED FACE DIFFUSER	TITUS	TDC-AA	5	24x24	8"								TYPE 3 (LAY-IN)	REFER TO SPECIFICATIONS.
CD1	LOUVERED FACE DIFFUSER	TITUS	TDC-AA	2	24x24	10"								TYPE 3 (LAY-IN)	REFER TO SPECIFICATIONS.
CD1	LOUVERED FACE DIFFUSER	TITUS	TDC-AA	1	24x24	12"								TYPE 3 (LAY-IN)	REFER TO SPECIFICATIONS.

MECHANICAL DRYER BOOSTER FAN SCHEDULE

MARK	MFG	MODEL	TYPE	AIRFLOW CFM	AIRFLOW ESP	ELECTRICAL ELECTRICAL POWER	ELECTRICAL AMPS	ELECTRICAL VOLTAGE	PHASE	COMMENTS
DBF-A101	FANTECH	DBF4XLT	AUTOMATIC INLINE DRYER BOOSTER	160 CFM	0.20 in-wg	66.0 W	0.59 A	115 V	1	DRYER BOOSTER FAN TO BE MOUNTED ABOVE CEILING. TO BE HARDWIRED BY E.C. PROVIDE WALL MOUNTING KIT AND HARDWARE. PROVIDE LINT TRAP.
DBF-A102	FANTECH	DBF4XLT	AUTOMATIC INLINE DRYER BOOSTER	160 CFM	0.20 in-wg	66.0 W	0.59 A	115 V	1	DRYER BOOSTER FAN TO BE MOUNTED ABOVE CEILING. TO BE HARDWIRED BY E.C. PROVIDE WALL MOUNTING KIT AND HARDWARE. PROVIDE LINT TRAP.

EXHAUST FAN SCHEDULE

ID	MANUFACTURER	MODEL NO.	TYPE	ARRANGEMENT	FAN AIRFLOW DESIGN	FAN PRESS ESP	FAN RPM	FAN DRIVE TYPE	FAN MOTOR POWER	SONES	ROOF CURB	UNIT WEIGHT	FLA	MCA	MOCP	VOLT	PH	CONTROL SPEED CONTROLLER	DISCONNECT TYPE	ACCESSORIES	REMARKS
EF-A101	GREENHECK	SQ-95-VG	INLINE	HORIZONTAL	400 CFM	0.65 in-wg	1679	DIRECT	0.17 hp	9		34 lb	2.8 A	4 A	15 A	115 V	1	YES	YES	BACKDRAFT DAMPER, SPRING ISOLATORS	CONTROL WITH LIGHTS BY DIVISION 26.
EF-A102	GREENHECK	SQ-99-VG	INLINE	HORIZONTAL	600 CFM	0.65 in-wg	1584	DIRECT	0.25 hp	12		50 lb	3.8 A	5 A	15 A	115 V	1	YES	YES	BACKDRAFT DAMPER, SPRING ISOLATORS	CONTROL WITH LIGHTS BY DIVISION 26.
EF-A201	GREENHECK	G-140-VG	ROOF	DOWNFLOW	1000 CFM	0.26 in-wg	756	DIRECT	0.25 hp	6	Yes	75 lb	5.8 A	7 A	15 A	115 V	1	YES	YES	BACKDRAFT DAMPER	CONTROL BY TIMER SWITCH BY DIVISION 26.

ASHRAE 62.1 VENTILATION RATE PROCEDURE SUMMARY

ROOM IDENTITY NO.	LOCATION NAME	Occupancy Category	Area, Az	Selected Supply Airflow	Number of People, Pz	Outdoor Airflow Rate Per Person, Rp	Outdoor Airflow Rate Per Unit Area, Ra	Zone Air Distribution Effectiveness, Ez	Breathing Zone Outdoor Airflow, Voz	Required Outdoor Air Intake Flow, Vot
A107	CORRIDOR	Corridors	456 SF	400 CFM	0	0.0 CFM	0.06 CFM/SF	1	27 CFM	27 CFM
A108	FAMILY RESTROOM / SHOWER	Toilets (public)	74 SF	0 CFM	0			1		
A109	FAMILY RESTROOM / SHOWER	Toilets (public)	73 SF	0 CFM	0			1		
A110	MENS RESTROOM	Toilets (public)	317 SF	200 CFM	0			1		
A111	MENS CHANGING ROOM	Locker Rooms	114 SF	100 CFM	0			1		
A112	WOMENS RESTROOM	Toilets (public)	309 SF	200 CFM	0			1		
A113	WOMENS CHANGING ROOM	Locker Rooms	108 SF	100 CFM	0			1		
A114	CORRIDOR	Corridors	199 SF	200 CFM	0	0.0 CFM	0.06 CFM/SF	1	12 CFM	12 CFM
A118	STORAGE ROOM	Storage rooms	689 SF	300 CFM	0	0.0 CFM	0.12 CFM/SF	1	83 CFM	83 CFM
A119	CORRIDOR	Corridors	529 SF	400 CFM	0	0.0 CFM	0.06 CFM/SF	1	32 CFM	32 CFM
A121	STORAGE	Storage rooms	31 SF	0 CFM	0	0.0 CFM	0.12 CFM/SF	1	4 CFM	4 CFM
A201	MEZZANINE	Health club/weight rooms	3070 SF	3300 CFM	10	20.0 CFM	0.06 CFM/SF	1	384 CFM	384 CFM
A202	GOLF SIMULATOR	Multipurpose assembly	372 SF	550 CFM	4	5.0 CFM	0.06 CFM/SF	1	42 CFM	42 CFM
MEZZ AND UNDER: 13			6342 SF	5750 CFM	14				584 CFM	584 CFM
A120	MULTI-PURPOSE GYMNASIUM	Gym, sports arena (play area)	4483 SF	6000 CFM	30	20.0 CFM	0.18 CFM/SF	1	1407 CFM	1407 CFM
RTU GYM NORTH: 1			4483 SF	6000 CFM	30				1407 CFM	1407 CFM
A106	MULTI-PURPOSE ATHLETIC ROOM	Gym, sports arena (play area)	10934 SF	12000 CFM	60	20.0 CFM	0.18 CFM/SF	1	3168 CFM	3168 CFM
RTU LARGE MULTIPURPOSE: 1			10934 SF	12000 CFM	60				3168 CFM	3168 CFM
A100	VESTIBULE	Corridors	323 SF	600 CFM	0	0.0 CFM	0.06 CFM/SF	0.8	19 CFM	24 CFM
A102	COACH OFFICE	Office space	178 SF	225 CFM	1	5.0 CFM	0.06 CFM/SF	0.8	16 CFM	20 CFM
A103	TRAINER	Office space	231 SF	225 CFM	1	5.0 CFM	0.06 CFM/SF	0.8	19 CFM	24 CFM
A104	MECHANICAL / ELECTRICAL ROOM	Non-Occupiable	215 SF	0 CFM	0			0.8		
A105	WEIGHT ROOM	Health club/weight rooms	4895 SF	5000 CFM	60	20.0 CFM	0.06 CFM/SF	0.8	1494 CFM	1867 CFM
RTU WEIGHT ROOM: 5			5842 SF	6050 CFM	62				1548 CFM	1935 CFM

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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ISSUANCES/REVISIONS

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1	CONSTRUCTION DOCUMENTS - ADDENDUM #05	01/08/2026

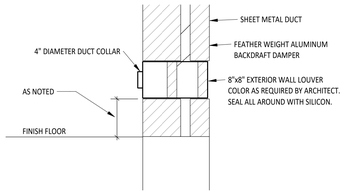
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MAK	DJL

SHEET TITLE:
MECHANICAL PLAN - MEZZANINE, ROOF PLAN, AND SCHEDULES

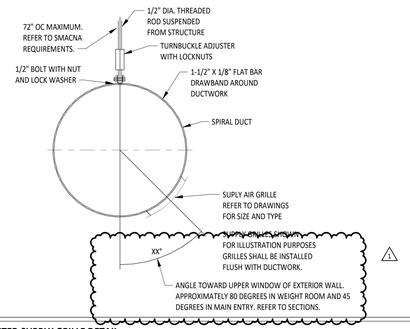
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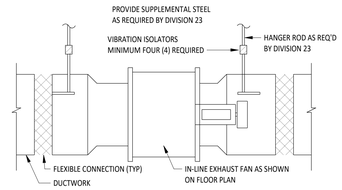
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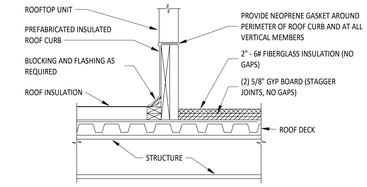
1 MS.1 DRYER VENT DETAIL
NTS



2 MS.1 DUCT MOUNTED SUPPLY GRILLE DETAIL
NTS

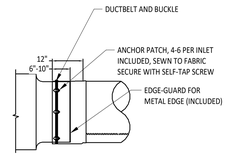


3 MS.1 INLINE EXHAUST FAN
NTS

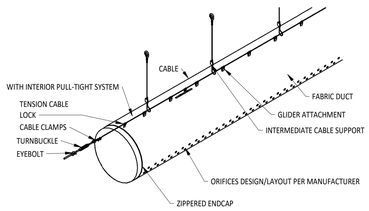


NOTE:
PREFABRICATED INSULATED ROOF CURB PROVIDED BY MECHANICAL CONTRACTOR. COORDINATE INSTALLATION AND FLASHING WITH THE GENERAL CONTRACTOR. ATTACH ROOF CURB TO ROOF DECK PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

4 MS.1 ROOFTOP UNIT CURB INSTALLATION DETAIL
NTS

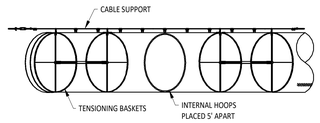


INLET ATTACHMENT DETAIL



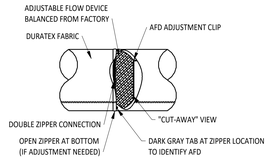
SUSPENSION DETAIL

1 ROW CABLE SUSPENSION AT 12 O'CLOCK
SKELECORE PULL-TIGHT



SUSPENSION DETAIL

SKELECORE PULL-TIGHT WITH CABLE SYSTEM DETAIL



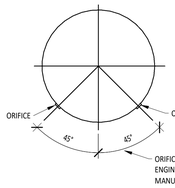
ADJUSTABLE FLOW DEVICE (AFD)

INSTALLED AT ZIPPER LOCATION AT INLET OR AS SPECIFIED IN OTHER LOCATIONS. ZIPPER TO ZIPPER CONNECTION AS SHOWN. EXTERNAL LABEL IDENTIFIES LOCATION

TEXTILE DUCT HAS BEEN SHOWN FOR SIZE, MATERIAL, AND METHOD OF HANGING. SEE WRITTEN SPECIFICATIONS FOR ADDITIONAL PRODUCT CRITERIA. METHOD OF AIR DISTRIBUTION FROM THE TEXTILE DUCT, SUCH AS: LINEAR VENTS, ORIFICES, OR NOZZLES, AND THE ORIENTATION OF THESE DEVICES, MUST BE DEVELOPED AND SUBMITTED THROUGH DETAILED SHOP DRAWINGS. SHOP DRAWINGS MUST SHOW AIR VOLUME, THROW DISTANCE, ORIENTATION OF VENTING, AND DRAWINGS OF THE COMPLETE TEXTILE DUCT SYSTEM. THE DISPERSION SHALL BE DESIGNED TO PROVIDE A COMFORTABLE ENVIRONMENT IN ACCORDANCE WITH THE PRINCIPLES OF ASHRAE STD 55. PRIOR TO FABRICATION OF THE TEXTILE DUCT, THE MECHANICAL ENGINEER OF RECORD MUST REVIEW THE TEXTILE SHOP DRAWINGS. TEXTILE DUCT MANUFACTURER FAILING TO PROVIDE THE STATED INFORMATION WILL NOT BE APPROVED.

FABRIC COLOR:
WHITE. ALL AREAS.

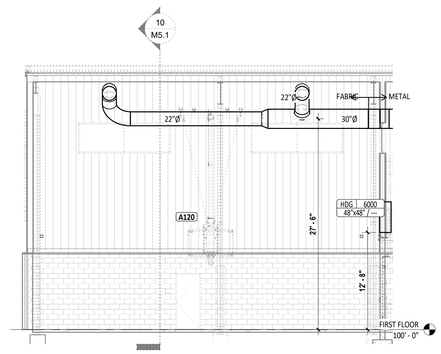
EXAMPLE:



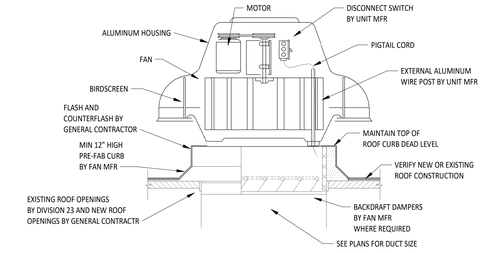
GYMNASIUM

XXXX CFM TOTAL AIRFLOW/DUCT
XXX" ORIFICE DIAMETER
THROW AT 50 FPM VELOCITY = XX'-X"
THROW AT 100 FPM VELOCITY = XX'-X"
THROW AT 150 FPM VELOCITY = XX'-X"

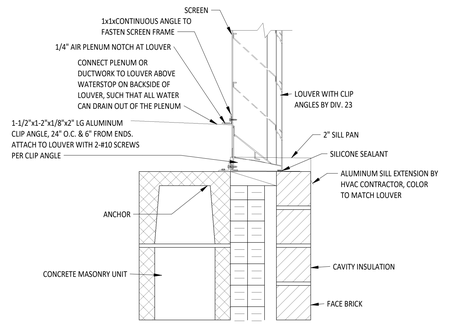
5 MS.1 FABRIC DUCT DETAILS
NTS



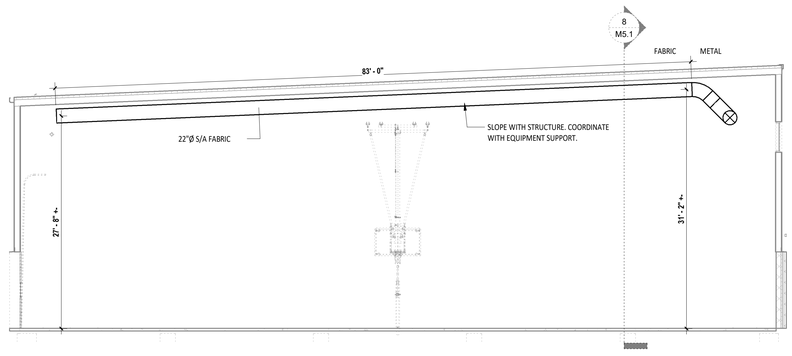
8 MS.1 AUXILLARY GYMNASIUM SECTION
1/8" = 1'-0"



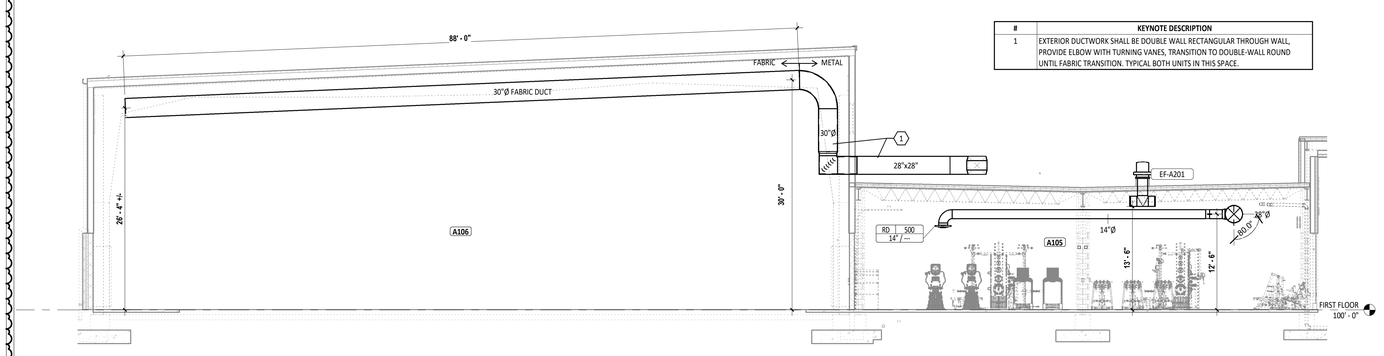
6 MS.1 ROOF MOUNTED EXHAUST FAN
NTS



7 MS.1 WALL LOUVER CONNECTION
NTS



10 MS.1 AUXILLARY GYMNASIUM SECTION - #2
1/8" = 1'-0"



#	KEYNOTE DESCRIPTION
1	EXTERIOR DUCTWORK SHALL BE DOUBLE WALL RECTANGULAR THROUGH WALL, PROVIDE ELBOW WITH TURNING VANES, TRANSITION TO DOUBLE-WALL ROUND UNTIL FABRIC TRANSITION. TYPICAL BOTH UNITS IN THIS SPACE.

9 MS.1 MULTI-PURPOSE ATHLETIC ROOM AND WEIGHT ROOM SECTION
1/8" = 1'-0"

STATE OF OHIO
MATTHEW R. HIBNER
14160552
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #14160552
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR:
FORT LORAMIE LOCAL SCHOOLS
ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

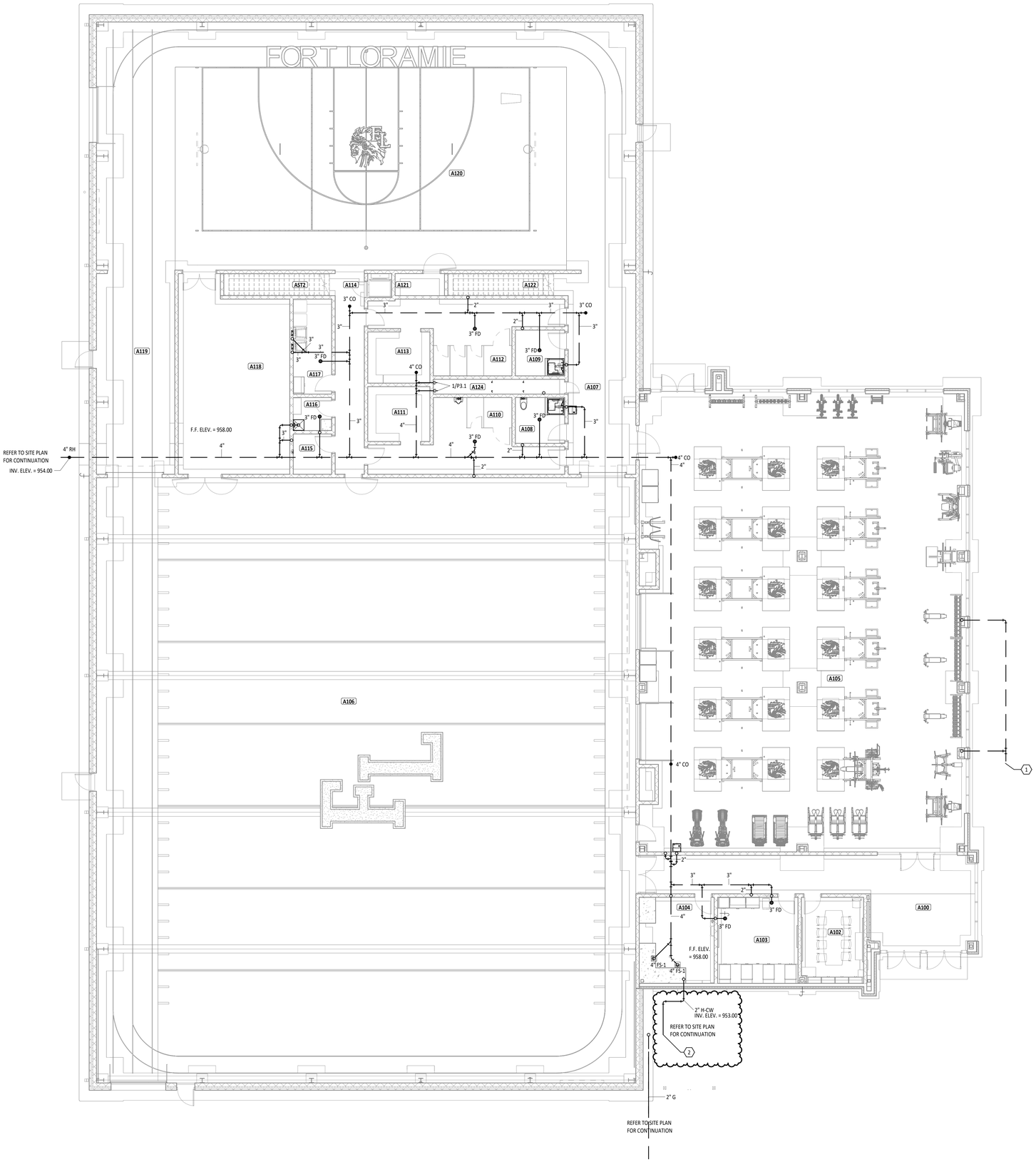
	CONSTRUCTION DOCUMENTS	12/11/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM #05	01/08/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MAK	DJL

SHEET TITLE:
MECHANICAL DETAILS

SHEET NUMBER:
M5.1

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1 P2.1 **UNDER-SLAB PLUMBING PLAN - UNIT A**
1/8" = 1'-0"

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FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	323 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECHANICAL / ELECTRICAL ROOM	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF
A107	CORRIDOR	456 SF
A108	FAMILY RESTROOM / SHOWER	74 SF
A109	FAMILY RESTROOM / SHOWER	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	309 SF
A113	WOMENS CHANGING ROOM	108 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL CLOSET	42 SF
A117	LAUNDRY ROOM	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	31 SF
A122	LIFT	21 SF

PLUMBING GENERAL NOTES

A. 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.

B. 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.

C. 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.

D. 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.

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

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

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

H. 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.

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

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

#	KEYNOTE DESCRIPTION
1	COORDINATE STORM CONNECTION WITH CIVIL CONTRACTOR.
2	ROUTE WATER MAIN TO AVOID RUNNING UNDER THE ELECTRICAL TRANSFORMER. COORDINATE WITH ELECTRICAL AND SITE CONTRACTORS.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

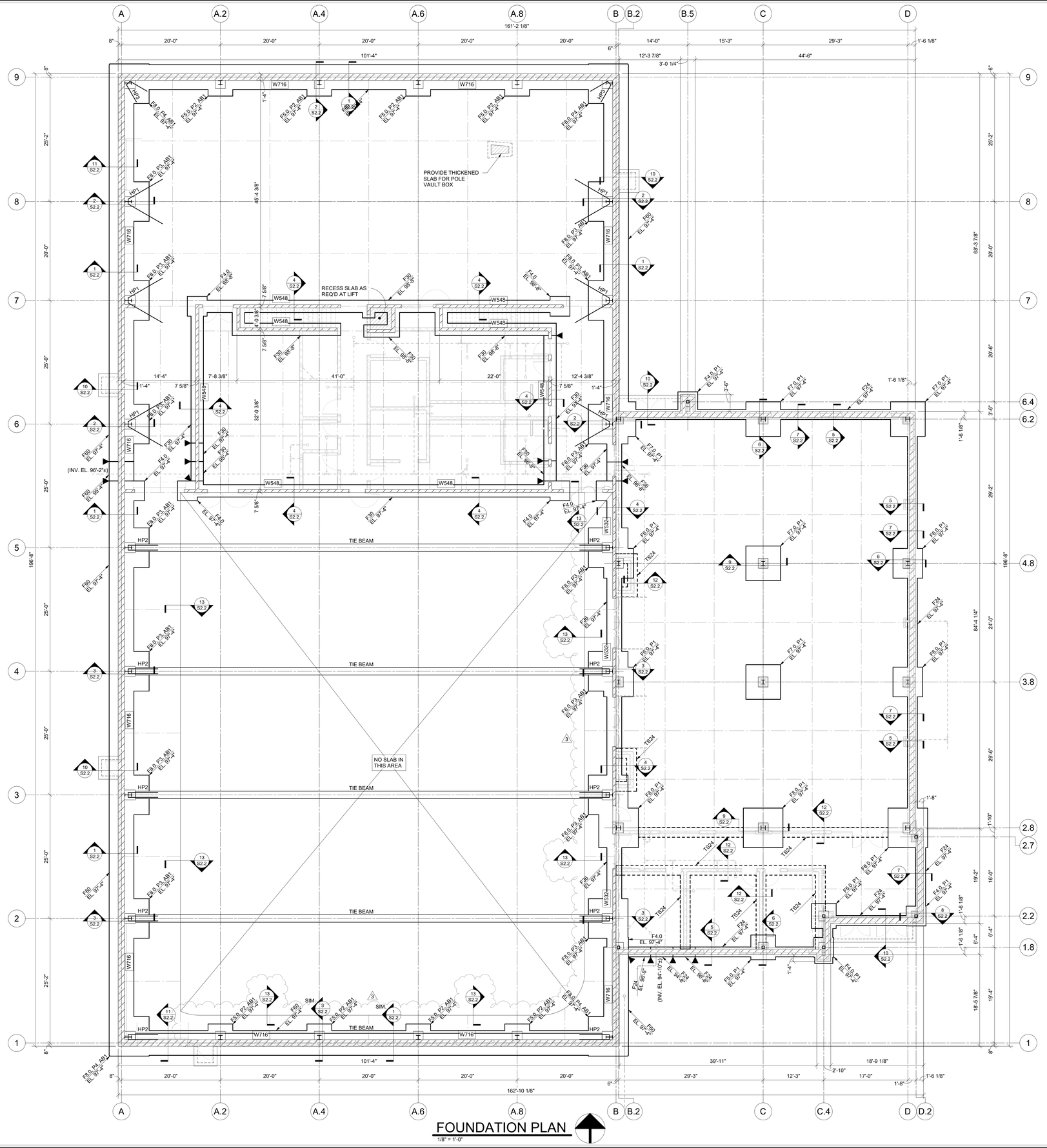
ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM #05	01/08/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	RAG	LGW

SHEET TITLE:
UNDER-SLAB PLUMBING PLAN - UNIT A

SHEET NUMBER:
P2.1

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FOUNDATION PLAN

1/8" = 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 STRUCTURAL DRAWINGS. FOUNDATIONS BUILT 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. P(x) INDICATES CONCRETE PIER TYPE PER DETAILS ON SHEET S2.1.
4. HP(x) INDICATES HAIRPIN TYPE PER SCHEDULE AND DETAILS ON SHEET S2.1.
5. AB(x) INDICATES ANCHOR BOLT TYPE PER SCHEDULE AND DETAIL ON SHEET S2.1.
6. DESIGN SOIL BEARING PRESSURE = 2,500 PSF BASED ON GEOTECHNICAL EXPLORATION REPORT BY TTL ENGINEERING SERVICES, DATED OCTOBER 16, 2025. REFERENCE THIS REPORT FOR ANY REQUIRED SOIL REMEDIATION PRIOR TO FOUNDATION AND/OR SLAB-ON-GRADE CONSTRUCTION. ALL FOOTINGS ARE TO BEAR ON NATURAL, UNDISTURBED SOIL OR ENGINEERED FILL PROPERLY PLACED TO BEAR ON SUITABLE MATERIAL. OVER-EXCAVATIONS ARE TO BE FILLED WITH LEAN CONCRETE OR CONTROLLED-DENSITY FLOWABLE FILL UP THE PLANNED BOTTOM OF FOOTING ELEVATION. PLACE NO CONCRETE PRIOR TO INSPECTION AND APPROVAL OF BEARING SURFACES BY SOILS ENGINEER.
7. BOTTOM OF FOOTINGS ARE TO BE AT LEAST 32-INCHES BELOW THE ADJACENT EXTERIOR FINISHED GRADE FOR FROST PROTECTION.
8. KEEP FOUNDATIONS FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH LEAN CONCRETE OR FLOWABLE FILL.
9. 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.
10. FOUNDATIONS HAVE BEEN DESIGNED BASED UPON PRELIMINARY/ASSUMED METAL BUILDING REACTIONS. FOUNDATION CONSTRUCTION IS NOT TO BEGIN UNTIL FINAL BUILDING DRAWINGS AND REACTIONS HAVE BEEN RECEIVED, REVIEWED, AND FOUNDATION DESIGNS HAS BEEN VERIFIED. ANY VARIATION IN LOADING FROM PRELIMINARY/ASSUMED BUILDING REACTIONS MAY REQUIRE REDESIGN OF THE FOUNDATIONS, PIERS, AND/OR ANCHOR BOLTS. ADDITIONAL COSTS ASSOCIATED WITH REDESIGN ARE TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
11. PROVIDE CORNER BARS AT ALL FOOTING AND CONCRETE WALL INTERSECTIONS PER DETAIL 5/S2.1.
12. PROVIDE FOUNDATION DOWELS TO MATCH SIZE AND SPACING OF VERTICAL MASONRY WALL REINFORCING AS SHOWN ON THE WALL AND/OR FRAMING PLANS. WHERE VERTICAL REINFORCING IS INTERRUPTED BY OPENING IN WALL (DOOR, WINDOW, LOUVER, ETC.) PROVIDE ONE ADDITIONAL DOWEL AT EACH JAMB FOR EACH 6'-0" OF OPENING WIDTH. SEE SECTION 6/S2.1 FOR DOWEL PLACEMENT AND SCHEDULE ON SHEET 50.1 FOR LENGTH OF LAP SPLICES.
13. SEE ELEVATION A/S4.2 FOR TYPICAL REINFORCED MASONRY WALL CONSTRUCTION.
14. SEE SECTION 7/S2.1 FOR TYPICAL OUTDOOR MECHANICAL EQUIPMENT PADS.
15. SEE SHEET S4.1 FOR COLUMN SCHEDULE AND DETAILS.
16. 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 6" COMPACTED STONE SUBBASE. WIRE MESH ON THIS PROJECT IS AN INTEGRAL COMPONENT OF THE FOUNDATION DESIGN AND MAY NOT BE REPLACED WITH FIBER ADDITIVE.
2. INDICATES SLAB CONTROL/CONSTRUCTION JOINT PER SECTION 8/S2.1. CONTROL JOINTS ARE TO BE LOCATED IN AREAS SHOWN AT A SPACING NOT TO EXCEED 12'-0" O.C. UNLESS DIMENSIONED OTHERWISE. PROVIDE CONTROL JOINTS AT CONCRETE PIERS PER DETAIL 9/S2.1 (SIM. AT STEEL COLUMNS). COORDINATE CONTROL JOINT LAYOUT WITH ARCHITECTURAL FLOOR FINISH PATTERNS.
3. INDICATES RECESSED SLAB AREA. VERIFY LOCATION, SIZE, DEPTH, AND QUANTITY OF ALL RECESSED SLABS AND SLOPES WITH ARCHITECTURAL DRAWINGS AND FLOOR FINISH SCHEDULE.
4. REFER TO DIVISION 31 SPECIFICATIONS FOR DEPTH AND PLACEMENT OF DRAINAGE FILL AND DIVISION 3 FOR VAPOR BARRIER OR RETARDER BELOW SLABS ON GRADE.
5. WIRE MESH AND/OR STEEL REINFORCING IS TO BE SUPPORTED DURING CONCRETE PLACEMENT ON CHAIRS OR BOLSTERS AT MID-DEPTH OF SLAB. MESH AND/OR STEEL REINFORCING IS NOT TO BE PULLED INTO PLACE DURING CONCRETE PLACEMENT.
6. SEE ARCHITECTURAL AND/OR STRUCTURAL PLANS FOR FINISHED FLOOR ELEVATIONS. COORDINATE TOP OF SLAB ELEVATION WITH THICKNESS OF ARCHITECTURAL FINISHED FLOOR PRODUCTS.
7. PROVIDE CAST-IN-PLACE LOCKER BASES AND GYMNASIUM EQUIPMENT POST ANCHORS AS REQUIRED. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS AND INSTALLATION DEPTH. VERIFY SIZES AND LOCATIONS WITH THE OWNER PRIOR TO CONSTRUCTION.
8. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

SPREAD FOOTING SCHEDULE

MARK	SIZE	REINFORCING
F4.0	4'-0" x 4'-0" x 1'-0" DP.	(4) #5 EA. WAY BOT.
F5.0	5'-0" x 5'-0" x 1'-3" DP.	(5) #6 EA. WAY BOT.
F6.0	6'-0" x 6'-0" x 1'-3" DP.	(6) #6 EA. WAY BOT.
F7.0	7'-0" x 7'-0" x 1'-6" DP.	(7) #6 EA. WAY BOT.
F8.0	8'-0" x 8'-0" x 1'-9" DP.	(8) #7 EA. WAY BOT.

CONT. WALL FOOTING SCHEDULE

MARK	SIZE	REINFORCING
F24	2'-0" x 1'-0" DP.	(2) #5 CONT. BOT.
F30	2'-6" x 1'-0" DP.	(3) #5 CONT. BOT.
F36	3'-0" x 1'-3" DP.	(4) #5 CONT. BOT.
F60	5'-0" x 1'-6" DP.	(7) #5 CONT. BOT.
TS24	2'-0" x 10" DP.	(2) #5 CONT. BOT.

ALL FOUNDATION DESIGNS AND DETAILS ARE PRELIMINARY PENDING REVIEW OF FINAL METAL BUILDING INFORMATION

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

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

NEW BUILDING FOR -

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
2	ADDENDUM 04	01/05/2026
3	ADDENDUM 05	01/08/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JPK (R2S)	SNF

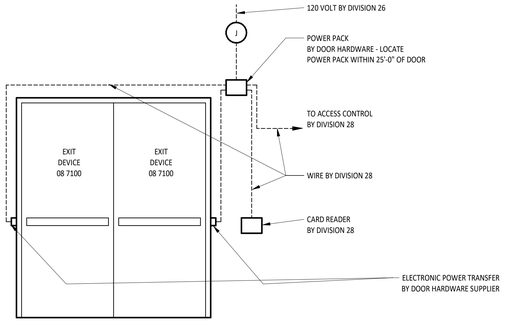
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FOUNDATION PLAN

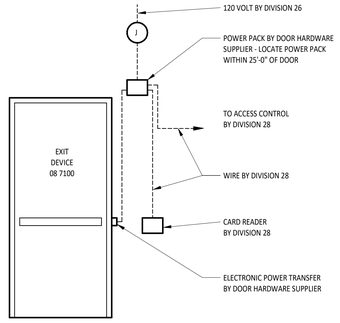
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S1.1

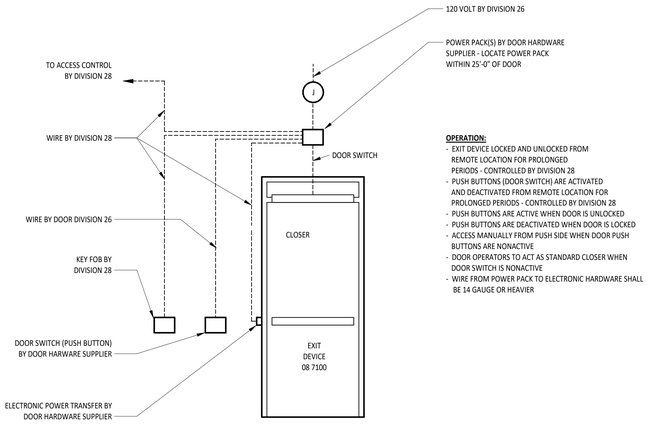
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1 T1.3 **ACCESS CONTROL SYSTEM SCHEMATIC WIRE DIAGRAM - DUAL DOOR**

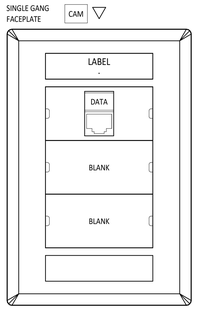


2 T1.3 **ACCESS CONTROL SYSTEM SCHEMATIC WIRE DIAGRAM - SINGLE DOOR**



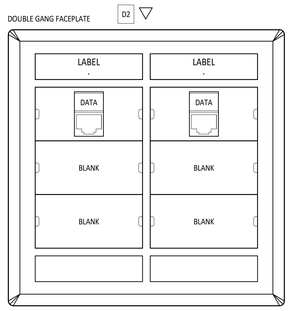
OPERATION:
- EXIT DEVICE LOCKED AND UNLOCKED FROM REMOTE LOCATION FOR PROLONGED PERIODS - CONTROLLED BY DIVISION 28
- PUSH BUTTONS (DOOR SWITCH) ARE ACTIVATED AND DEACTIVATED FROM REMOTE LOCATION FOR PROLONGED PERIODS - CONTROLLED BY DIVISION 28
- PUSH BUTTONS ARE ACTIVE WHEN DOOR IS UNLOCKED
- PUSH BUTTONS ARE DEACTIVATED WHEN DOOR IS LOCKED
- ACCESS MANUALLY FROM PUSH SIDE WHEN DOOR PUSH BUTTONS ARE NONACTIVE
- DOOR OPERATORS TO ACT AS STANDARD CLOSER WHEN DOOR SWITCH IS NONACTIVE
- WIRE FROM POWER PACK TO ELECTRONIC HARDWARE SHALL BE 14 GAUGE OR HEAVIER

3 T1.3 **ACCESS CONTROL SYSTEM SCHEMATIC WIRE DIAGRAM - SINGLE DOOR WITH ADO**



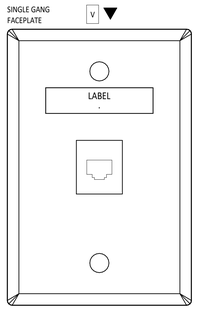
TYPICAL TYPE (CAM) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6A GREEN CABLE TO TR AS INDICATED ON PLANS

4 T1.3 **CAMERA OUTLET (CAM)**



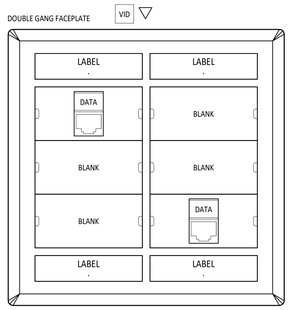
TYPICAL TYPE (D2) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (2) CAT 6A BLUE CABLES TO TR AS INDICATED ON PLANS

5 T1.3 **DATA OUTLET (D2)**



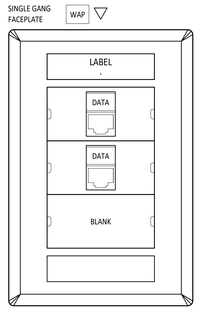
TYPICAL TYPE (V1) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6A YELLOW CABLE TO TR AS INDICATED ON PLANS

6 T1.3 **WALL PHONE OUTLET (V1)**



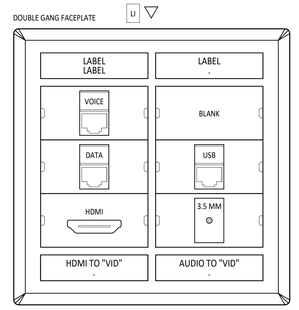
TYPICAL TYPE (VID) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6A BLUE CABLES TO TR AS INDICATED ON PLANS
- (1) CAT 6A ORANGE CABLE TO TR AS INDICATED ON PLANS

7 T1.3 **VIDEO OUTLET (VID)**



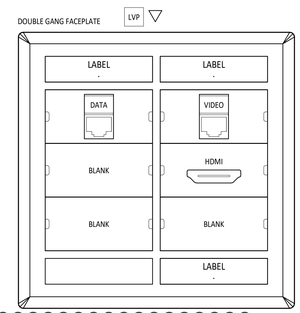
TYPICAL TYPE (WAP) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (2) CAT 6A BLUE CABLE TO TR AS INDICATED ON PLANS

8 T1.3 **WIRELESS ACCESS POINT OUTLET (WAP)**



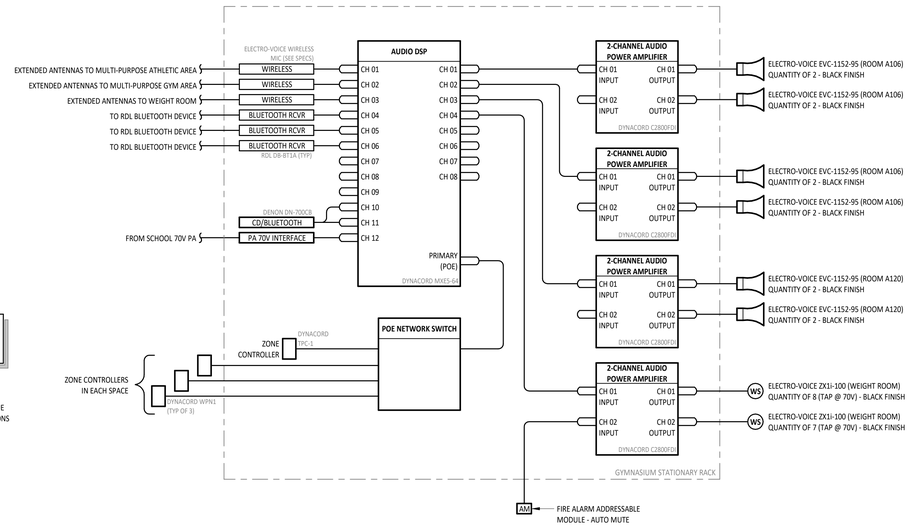
TYPICAL TYPE (LI) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6A ORANGE CABLE TO TYPICAL TYPE "VID" OUTLET
- (1) HDMI TO TYPICAL "VID" TYPE OUTLET
- (1) 3.5MM AUDIO TO TYPICAL "VID" TYPE OUTLET
- (1) CAT 6A BLUE CABLE TO TR AS INDICATED ON PLANS
- (1) CAT 6A YELLOW CABLE TO TR AS INDICATED ON PLANS

9 T1.3 **LOCAL INPUT OUTLET (LI)**



TYPICAL TYPE (LVP) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6A BLUE CABLE TO TR AS INDICATED ON PLANS
- (1) HDMI FROM TYPICAL "SA" TYPE OUTLET
- (1) HDMI TO PROJECTOR

10 T1.3 **LARGE VENUE PROJECTOR OUTLET (LVP)**



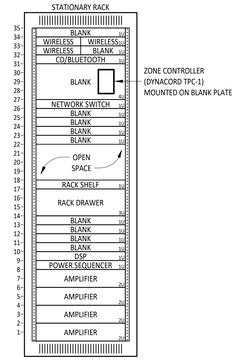
GENERAL NOTES:
A. COORDINATE BACKBOX AND RACEWAY REQUIREMENTS WITH ELECTRICAL CONTRACTOR PRIOR TO START OF CONSTRUCTION.

WIRELESS MICROPHONE
REFER TO SPECIFICATIONS

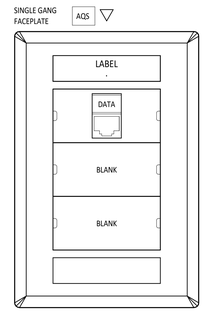
WIRELESS MICROPHONE
REFER TO SPECIFICATIONS

WIRELESS MICROPHONE
REFER TO SPECIFICATIONS

11 T1.3 **ATHLETIC COMPLEX SOUND SYSTEM**



* MINIMUM 35 RACK UNITS TALL, PROVIDE ALL COMPONENTS REQUIRED IN SPECIFICATIONS



TYPICAL TYPE (AQS) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6A BLUE CABLE TO TR AS INDICATED ON PLANS

12 T1.3 **CAMERA OUTLET (CAM)**

STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
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NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM #05	01/08/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	CDT/CDS	NDL

SHEET TITLE:

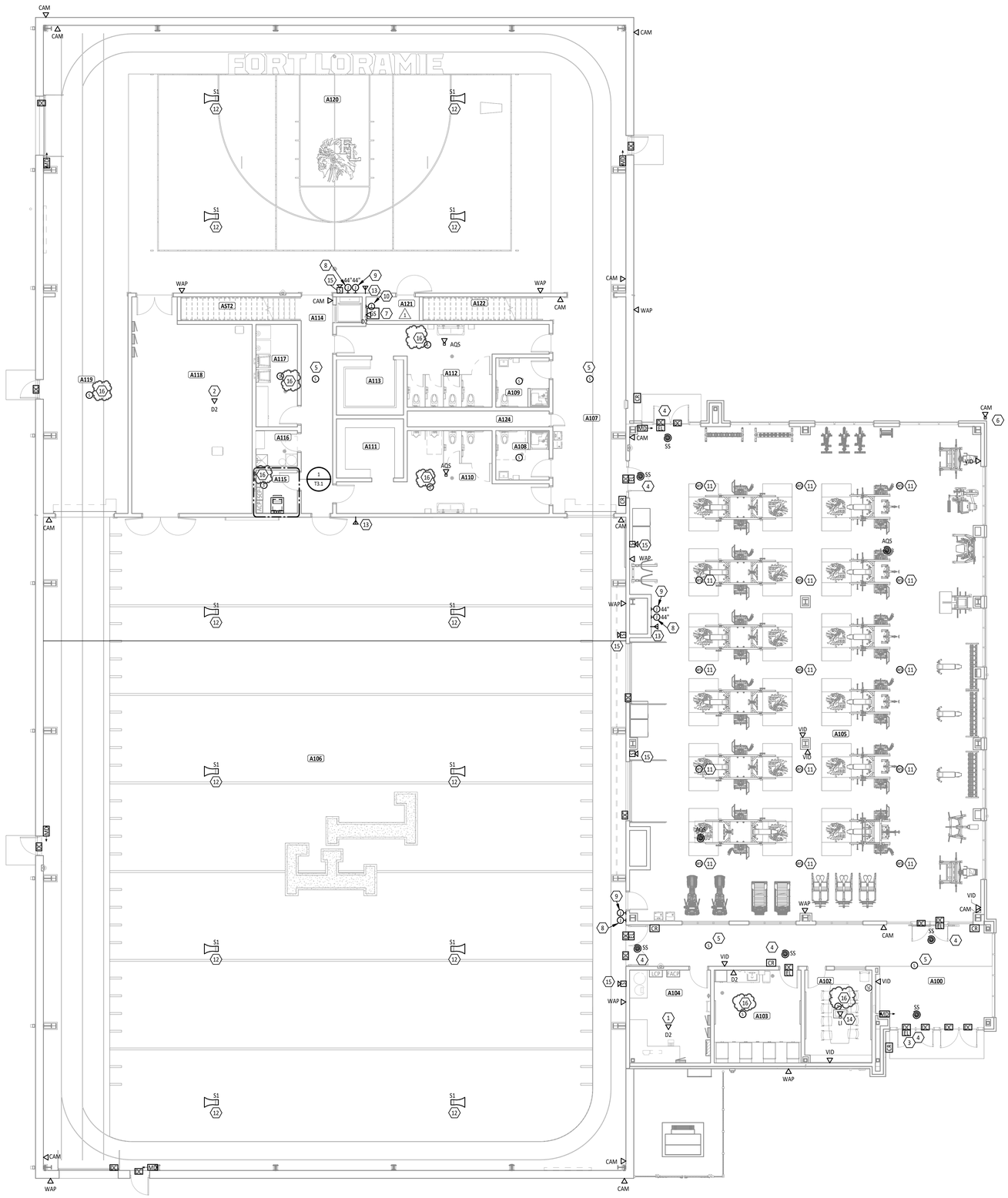
TECHNOLOGY DETAILS

SHEET NUMBER:

T1.3

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1 TC1.1 **FIRST FLOOR TECHNOLOGY CABLING PLAN - UNIT A**
1/8" = 1'-0"

N

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FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	323 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECHANICAL / ELECTRICAL ROOM	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF
A107	CORRIDOR	456 SF
A108	FAMILY RESTROOM / SHOWER	74 SF
A109	FAMILY RESTROOM / SHOWER	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	309 SF
A113	WOMENS CHANGING ROOM	108 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL CLOSET	42 SF
A117	LAUNDRY ROOM	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	31 SF
A122	LIFT	21 SF

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	PROVIDE A "D2" OUTLET FOR ELECTRICAL NETWORK CONNECTION. COORDINATE EXACT LOCATION AND PATHWAYS WITH THE ELECTRICAL CONTRACTOR.
2	PROVIDE A "D2" OUTLET FOR THE HVAC NETWORK CONNECTION. COORDINATE EXACT LOCATION WITH HVAC CONTRACTOR AND PATHWAYS WITH THE ELECTRICAL CONTRACTOR.
3	SECURITY/ACCESS CONTROL CONTRACTOR SHALL INTEGRATE THE HANDICAP DOOR OPENER INTO THE ACCESS CONTROL SYSTEM. PROVIDE CABLING AND EQUIPMENT NECESSARY TO ACTIVATE INBOUND HANDICAP PUSH BUTTONS ON A VALID CARD READ AND TO UNLOCK DOOR ON OUTBOUND HANDICAP PUSH BUTTON. COORDINATE WITH THE GENERAL CONTRACTOR.
4	DOOR PROVIDED WITH ELECTRIC STRIKE BY DOOR HARDWARE SUPPLIER. DOOR HARDWARE SUPPLIER TO PROVIDE POWER PACK WITH DRY CONTACT FOR ELECTRIC STRIKE. PROVIDE WIRING FROM ELECTRIC STRIKE POWER PACK TO ACCESS CONTROL SYSTEM. COORDINATE WORK WITH HARDWARE SUPPLIER PRIOR TO ROUGH-IN. CONNECT DOOR TO ACCESS CONTROL SYSTEM TO PROVIDE INDIVIDUAL TIMED CONTROL OF THE ELECTRIC STRIKE. DIVISION 26 TO PROVIDE ALL PATHWAYS AND POWER REQUIRED FOR PROPER OPERATION.
5	PROVIDE A BOGEN MPS28 PENDANT SPEAKER WITH CK10B RANGING KIT POSITIONED THE SAME HEIGHT AS THE LIGHTS. CABLING TO TECHNOLOGY ROOM A115 FOR FUTURE PAGING CONNECTIONS. 1
6	MOUNT CAM TYPE OUTLET IN SOFFIT AND PAINTED TO MATCH. PROVIDE CABLING FOR FUTURE CAMERA.
7	ATHLETIC COMPLEX SOUND SYSTEM STATIONARY RACK. REFER TO SPECIFICATION SECTION 27 51 24 AND DETAIL 11/T1.3 FOR ADDITIONAL INFORMATION.
8	REMOTE SWITCH FOR SOUND SYSTEM MOUNTED IN 1-GANG JUNCTION BOX.
9	WPN1 WALL CONTROLLER AND BLUETOOTH DEVICE FOR SOUND SYSTEM MOUNTED IN 2-GANG JUNCTION BOX.
10	COORDINATE FLUSH MOUNT BOX WITH ELECTRICAL CONTRACTOR.
11	ATHLETIC COMPLEX SOUND SYSTEM SPEAKER. SPEAKER SHALL BE HUNG SO BOTTOM IS EVEN WITH BOTTOM OF STRUCTURAL STEEL. CABLING SHALL BE ROUTED INSIDE CONDUIT. SPEAKER SHALL BE AIMED DIRECTLY DOWN.
12	ATHLETIC COMPLEX SOUND SYSTEM SPEAKER. SPEAKER SHALL BE HUNG SO BOTTOM IS EVEN WITH ADJACENT LIGHT FIXTURES. CABLING SHALL BE ROUTED INSIDE CONDUIT. SPEAKER SHALL BE AIMED DIRECTLY DOWN.
13	ANTENNA FOR WIRELESS MICROPHONE SYSTEM. COORDINATE ROUGH-IN REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR.
14	TERMINATE "LI" OUTLET IN FLOOR BOX AND EXTEND A/V AND DATA CABLING TO TABLE TOP. COORDINATE WITH THE LOOSE FURNISHING CONTRACTOR.
15	PROVIDE QUAM QH16T SPEAKER HORN WITH CABLING TO TECHNOLOGY ROOM A115 FOR FUTURE PAGING CONNECTIONS.
16	PROVIDE QUAM SYSTEM 5 LAY-IN SPEAKER WITH CABLING TO TECHNOLOGY ROOM A115 FOR FUTURE PAGING CONNECTIONS. 2

STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

NEW BUILDING FOR
609 EAST PARK STREET, FORT LORAMIE, OHIO 45845

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SHEET TITLE:

FIRST FLOOR TECHNOLOGY CABLING PLAN

SHEET NUMBER:

TC1.1