Addendum 04

DOCUMENT 00 9100

DATE: January 05, 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, 4 specification sections and 28 drawing sheets

FOR INFORMATION ONLY

GARMANN MILLER

CHANGES TO THE PROJECT MANUAL

1. 07 42 13.23 – Metal Composite Material Wall Panel
   a. Article 2.01- add Alfrex as an Acceptable Manufacturer.
      i. Must match colors as listed in specifications.
2. 08 16 14 Fiberglass Doors
   a. 2.01 Manufacturer – reissued in its entirety
      i. Product Series SL-220 in lieu of AF product line
3. 09 62 53 Synthetic Turf - reissued in its entirety
   a. Article 3.10 Maintenance, Paragraph B – provides minimum maintenance requirements
4. 11 66 23 – Gymnasium Equipment
   a. Article 2.01 – Add ADP Lemco as an Acceptable Manufacturer.
5. 14 42 15 Vertical Wheelchair Lift – New spec section
   a. Provides product information and requirements to wheelchair lift shown on drawings issued in this addendum.
6. 23 31 00 HVAC Ducts and Casings – reissued in its entirety
   a. Article 2.02 Materials, Paragraph E Pre-Insulated Duct – Contractor Option for exterior duct, Subparagraph 1 Manufacturers - Add Tuff Duct as an acceptable manufacturer
   b. Article 2.02 Materials, Paragraph E Pre-Insulated Duct – Contractor Option for exterior duct, Subparagraph 2 - Modify to read "All exterior ductwork shall meet ASHRAE 90.1-2019 requirements of R-value=R-12 or above for the associated climate zone."

CHANGES TO THE DRAWINGS

Locker Room Building

1. Sheet A1.1 – Demo Plan/Floor Plan/Details/Door Schedule
   a. Add verbiage to remove existing flooring
2. Sheet A9.1 – Finish Material Schedule
   a. Revised Resilient Flooring (RF1) material color and number
3. Sheet E1.2 – Electrical Details, Panel and Luminaire Schedules
   a. Provided lighting equals

Elementary School Building

1. Sheet A1.1 – First Floor Plan
   a. Add cementitious sound absorbing panel (Tectum) to roof deck and paint to match existing.
2. Sheet E1.2 - Electrical Details and Luminaire Schedule
   a. Provided lighting equals.

Athletic Complex

1. Sheet A0.3 – Typical Details
   a. Add Section of wheelchair lift shaft and partial height wall.
2. Sheet A1.1 – First Floor Plan
   a. Add Recessed Pit Wheelchair lift
   b. Modify masonry wall and door A121 to accommodate shaft.

3. Sheet A1.2 – Mezzanine and Enlarged Floor Plan
    a. Add Recessed Pit Wheelchair lift
    b. Add Partial Height masonry wall with solid surface cap
4. Sheet A1.3 – Enlarged Column Plan and Stair Details
    a. Change keynote as indicated
    b.
5. Sheet A3.1- Building Sections
    a. Change keynote as indicated
6. Sheet A7.1 – First Floor Reflected Ceiling Plan
    a. Add Recessed Pit Wheelchair lift
    b. Modify masonry walls to accommodate shaft
7. Sheet 7.2 – Mezzanine Floor Reflected Ceiling Plan
    a. Add Recessed Pit Wheelchair Lift
8. Sheet A8.1 – First Floor Equipment Plan
    a. Add Recessed Pit Wheelchair lift
9. Sheet A8.2 – Mezzanine Equipment Plan
    a. Add Recessed Pit Wheelchair Lift
10. Sheet A9.1 – First Floor Finishes Plan
    a. Add Recessed Pit Wheelchair lift
11. Sheet A9.2 – Mezzanine Floor Finish Plan
    a. Add Recessed Pit Wheelchair Lift
12. Sheet A9.3 – Enlarged Floor Pattern plan RR1/RR2/RR3
    a. Revised verbiage to say "Water Jetted Graphic Logo" on the weightroom rubber flooring.
13. Sheet S1.1 – Foundation Plan
    a. Added foundation walls and recessed slab at new Lift A122.
14. Sheet S3.1 – Framing Plan
    a. Added walls and details around new Lift A122.
    b. Adjusted Framing due to new lift A122
15. Sheet S4.4 – Framing Details
    a. Added Sections 10,11, and 12 for new lift A122
16. Sheet E3.1 – First Floor Systems Plans
    a. Relocated sound system equipment in A121 to accommodate vertical lift.
    b. Relocated fire alarm notification device in A114 to accommodate vertical lift
    c. Relocated camera rough-in in A114 to accommodate vertical lift.
17. Sheet E4.1 – First Floor Lighting Plan
    a. Relocated light fixture and lighting control device in A121 to accommodate vertical lift.
18. Sheet E4.2 – Second Floor Lighting Plan
    a. Relocated exit sign in A201 to accommodate vertical lift.
    b. Provided mounting heights for exit signs in A201.
19. Sheet E5.1 – First Floor Power Plan
    a. Relocated receptacles and gym controls in A121 to accommodate vertical lift.
    b. Provided power for vertical lift.
20. E5.2 – Second Floor Power Plan
    a. Relocated receptacle in A201 to accommodate vertical lift.

21. E7.1 – Luminaire Schedule
    a. Fixture X1 – Provide mounting height instruction.
    b. Provided lighting equals.
22. E8.1 – Electrical One-Line Diagram and Panel Schedules
    a. Panel Schedule B (2 of 2) – Provided a circuit for vertical lift.
23. TC1.1 – First Floor Technology Cabling Plan
    a. Relocated Sound System Equipment in A121 to accommodate vertical lift.

ATTACHMENTS

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

Specification Sections: 08 16 14, 09 62 53, 14 42 15, 23 31 00

Drawing Sheets:

Locker Room Building – A1.1, A9.1, E1.2

Elementary School Building – A1.1, E1.2

Athletic Complex – A0.3, A1.1, A1.2, A1.3, A3.1, A7.1, A7.2, A8.1, A8.2, A9.1, A9.2, A9.3, S1.1, S3.1, S4.4, E3.1, E4.1, E4.2, E5.1, E5.2, E7.1, E8.1, 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 04

1. I noticed 3D coordination drawings are listed in the specs (Section 220501, Section 3.06) Can you verify if 3D coordination drawings are necessary?
    a. **Response: Yes, 3d coordination drawings will be required**

2. The base bid roof insulation is Energy Saver U0.031 per addendum 03… does this preclude the R-Seal rigid? Or is this introducing a 2nd Alternate for roof system? So, base bid MVP w/ ES, alternative MVP w/ R-Seal, and 3rd alternative being CFR IMPs ??
    a. **Response: Energy saver insulation is to be used in the wall assembly only. Roof insulation is as follows.**
    Base Bid: Insulated Metal Panel
    Alternate: R Seal with Standing Seam Metal Roof

3. Clear heights and clear widths on the Main frame clear spans. It appears the 'knee' clearances are as follows? We are asking Chief to identify the most economical frame size relative to these potentials for demanded clearances. With the next addendum would you publish the (must have) clearances for the frames?
    a. Low side knee height clearance 25'-6"? TBD- this is from scaling the plans.
        i. **Response: 25'-6" is the minimum clearance on the low side**
    b. High side knee height clearance 28'-10"? TBD- this is from scaling the plans.
        i. **Response: 28' 10" is the minimum clearance on the high side**
    c. Side to Side knee clearance of 90'-10" (as scaled) TBD- this is from scaling the plans.
        i. **Response: 90'-8" is the minimum side to side knee clearance**
4. Coatings- Are Galvanized girts and purlins acceptable or do they need to be dipped or spray primed?
    a. **Response: Per specification 13 34 19 - 2.04 Framing Components – C. Secondary Framing – All Purlins and girts "Shall be 100 percent prime painted before shipping to job site"**

5. If the ribs are to be vertical on the interior mezzanine partitions… the main partition calls for furring on only 1 of 2 sides and the vertical studs are not conducive to attaching the liner backer on the opposite side.. should the wall be specified to have furring on both sides?
    a. Also unclear what is the furring demand on the golf simulator walls east and south sides, facing the east and south that is. **Response: Drawing set updated via addendum – all vertical metal liner panel on metal stud to have furring to match the adjacent girt spacing so that fasteners align.**

b. Otherwise do you want the ribs horizontal on the south facing main partition wall? Just checking. (Ribs perpendicular to studs?) **Response: All metal liner panel is to be installed vertically. Horizontal ribs are not acceptable.**

6. Linear loads, Point Loads, and Area Loads
    a. We've input an assumption for 2PSF above the golf simulator to support the acoustical ceiling and golf sim equipment
    b. These items are not listed with the collateral load 5PSF and thus should be a separate spec or resolved to be included with the 5lb CL ?
    c. **Response: No additional loading is required. The 5psf collateral load is meant to include the ceiling and golf simulator equipment.**

7. In the document that calls for the LETS GO SKINS signs (A12.10), are the vertical supports steel beams that we need to work the letters around? And in the weight room (A12.6), what are the support posts that we are to put the ACM panels around (there are two in the middle of the room)? Will they be finished with drywall around them? Or are we attaching directly to the posts?
    a. **Response: A12.10 LETS GO SKINS will need to be coordinated with the vertical steel wide flange columns. Exact location and sizing determined by PEMB manufacturer. The ACM panels that are 12.6 are to fastened to CMU. The Redskin Tough Letting will be fastened to Metal Stud and Gyp.**

8. Is the perforated liner absolutely required in the area of the practice field or is std 24 ga liner acceptable as in the remainder of the building?
    a. **Response: Perforated liner panel is required on all exterior walls where there is white fabric covering the insulation for acoustic absorption in the space.**
9. Is a 26 ga perforated and solid liner acceptable in place of a 24ga solid or perforated liner panel?
    a. **Response: 24 ga perforated panel required.**

10. The base roof sheeting calls for a 4" thick panel to meet value of R-36. Our supplier has a 4" roof panel with R valve of 35.9, is this acceptable?
    a. **Response: This is acceptable**

11. Detail 11 on drawing A1.3 calls for the continuous tube at the mezzanine edge to be "architecturally exposed structural steel." I believe this also includes the end of the mezzanine beams shown on 11/A1.3 that peak through the CMU wall (see note 05 12 13.A on drawing A3.1, detail 1). And perhaps includes any stair stringers with exposed faces (see note 05 51 00.C on drawing A1.2, details 7 & 8, and see also detail 14/A1.3. I do not see any AESS specs calling for any SSPC-SP6 sandblasting or high-performance coatings for us to carry. Would any finishes for the "architecturally exposed structural steel" be applied by the painters?
    a. **Response: All mentions of Architecturally Exposed Structural Steel are to be removed and replaced with 05 12 00.J Structural Steel Framing Member and follow the specifications of 05 12 00 Structural Steel Framing. No high performance coatings required.**

12. The site sidewalk for the athletic complex is depicted differently on sheets C2.1, C2.2, L1.1, and L3.1 than it is on sheets L0.1, C1.1, C3.5, P1.2, E2.1, and T2.1. Which is correct?

a. **Response: Reference the revised sheets included in Addendum 02 for the site sidewalk.**

ADDENDUM 05

1. What are the weight or support requirements for the Gared Model Number 3107 basketball goals?
    a. **Response:**

2. What are the weight or support requirements for the Batting cages in the mezzanine
    a. **Response:**

3. 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.
    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.
    c. We will want to do a stud mount for the Redskin Tough letters as they exceed our size limit for tape mounted letters.
    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.
    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.

SECTION 08 16 14
FIBERGLASS DOORS

PART 1GENERAL

1.01 SECTION INCLUDES

A. Fiberglass reinforced polyester (FRP) flush doors with hollow metal frames.

1.02 RELATED REQUIREMENTS

A. Section 04 2000 - Unit Masonry
B. Section 07 9005 - Joint Sealers
C. Section 08 4313 - Aluminum Framed Storefronts
D. Section 08 7100 - Door Hardware.
E. Section 08 8000 - Glazing
F. Section 09 9000 - Painting and Coatings
G. Division 26 - Electrical
H. Division 27 - Communications
I. Division 28 - Electronic Safety

1.03 REFERENCES

A. AAMA 1503-98 - Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections.
B. ANSI A250.4 - Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Hardware Reinforcings.
C. ASTM B 117 - Operating Salt Spray (Fog) Apparatus.
D. ASTM B 209 - Aluminum and Aluminum-Alloy Sheet and Plate.
E. ASTM B 221 - Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
F. ASTM D 256 - Determining the Pendulum Impact Resistance of Notched Specimens of Plastics.
G. ASTM D 543 - Evaluating the Resistance of Plastics to Chemical Reagents.
H. ASTM D 570 - Water Absorption of Plastics.
I. ASTM D 638 - Tensile Properties of Plastics.
J. ASTM D 790 - Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.
K. ASTM D 1308 - Effect of Household Chemicals on Clear and Pigmented Organic Finishes.
L. ASTM D 1621 - Compressive Properties of Rigid Cellular Plastics.
M. ASTM D 1623 - Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics.
N. ASTM D 2126 - Response of Rigid Cellular Plastics to Thermal and Humid Aging.
O. ASTM D 2583 - Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor.
P. ASTM D 3029 – Impact Resistance of Flat Rigid Plastic Specimens by Means of a Falling Weight.
Q. ASTM D 6670-01 - Standard Practice for Full-Scale Chamber Determination of Volatile Organic Emissions from Indoor Materials/Products.

R. ASTM E 84 - Surface Burning Characteristics of Building Materials.

S. ASTM E 90 - Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.

T. ASTM E 283 - Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen.

U. ASTM E 330 - Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.

V. ASTM E 331 - Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference.

W. ASTM F 476 - Security of Swinging Door Assemblies.

X. SFBC PA 201 - Impact Test Procedures.

Y. SFBC PA 203 - Criteria for Testing Products Subject to Cyclic Wind Pressure Loading.

Z. SFBC 3603.2 (b)(5) - Forced Entry Resistance Test.

1.04 PERFORMANCE REQUIREMENTS

A. General: Provide door assemblies that have been designed and fabricated to comply with specified performance requirements, as demonstrated by testing manufacturer's corresponding standard systems.

B. Air Infiltration: For a single door 3'-0" x 7'-0", test specimen shall be tested in accordance with ASTM E 283 at pressure differential of 6.24 psf. Door shall not exceed 0.90 cfm per linear foot of perimeter crack.

C. Water Resistance: For a single door 3'-0" x 7'-0", test specimen shall be tested in accordance with ASTM E 331 at pressure differential of 7.50 psf. Door shall not have water leakage.

D. Swinging Door Cycle Test, Doors and Frames, ANSI A250.4: Minimum of 25,000,000 cycles.

E. Swinging Security Door Assembly, Doors and Frames, ASTM F 476: Grade 40.

F. Thermal Transmission, Exterior Doors, U-Value, AAMA 1503-98: Maximum of 0.29 BTU/hr x sf x degrees F. Minimum of 55 CRF value.

G. Surface Burning Characteristics, FRP Doors and Panels, ASTM E 84:
   1. Flame Spread: Maximum of 200, Class C.
   2. Smoke Developed: Maximum of 450, Class C.

H. Surface Burning Characteristics, Class A Option On Interior Faces of FRP Exterior Panels and Both Faces of FRP Interior Panels, ASTM E 84:
   1. Flame Spread: Maximum of 25.
   2. Smoke Developed: Maximum of 450.

I. Impact Strength, FRP Doors and Panels, Nominal Value, ASTM D 256: 15.0 foot-pounds per inch of notch.

J. Tensile Strength, FRP Doors and Panels, Nominal Value, ASTM D 638: 14,000 psi.

K. Flexural Strength, FRP Doors and Panels, Nominal Value, ASTM D 790: 21,000 psi.

L. Water Absorption, FRP Doors and Panels, Nominal Value, ASTM D 570: 0.20 percent after 24 hours.

M. Indentation Hardness, FRP Doors and Panels, Nominal Value, ASTM D 2583: 55.

N. Gardner Impact Strength, FRP Doors and Panels, Nominal Value, ASTM D 3029: 120 in-lb.

O. Abrasion Resistance, Face Sheet, Taber Abrasion Test, 25 Cycles at 1,000 Gram Weight with CS-17 Wheel: Maximum of 0.029 average weight loss percentage.

P. Stain Resistance, ASTM D 1308: Face sheet unaffected after exposure to red cabbage, tea, and tomato acid. Stain removed easily with mild abrasive or FRP cleaner when exposed to crayon and crankcase oil.

Q. Chemical Resistance, ASTM D 543. Excellent rating.
   1. Acetic acid, Concentrated.
   2. Ammonium Hydroxide, Concentrated.
   3. Citric Acid, 10%.
   4. Formaldehyde.
   5. Hydrochloric Acid, 10%
   6. Sodium hypochlorite, 4 to 6 percent solution.

R. Compressive Strength, Foam Core, Nominal Value, ASTM D 1621: 79.9 psi.

S. Compressive Modulus, Foam Core, Nominal Value, ASTM D 1621: 370 psi.

T. Tensile Adhesion, Foam Core, Nominal Value, ASTM D 1623: 45.3 psi.

U. Thermal and Humid Aging, Foam Core, Nominal Value, 158 Degrees F and 100 Percent Humidity for 14 Days, ASTM D 2126: Minus 5.14 percent volume change.

1.05 SUBMITTALS

A. Comply with Section 01 3000 - Administrative Requirements.

B. Product Data: Submit manufacturer's product data, including description of materials, components, fabrication, finishes, and installation.

C. Shop Drawings: Submit manufacturer's shop drawings, including elevations, sections, and details, indicating dimensions, tolerances, materials, fabrication, doors, panels, framing, hardware schedule, and finish.

D. Samples:
   1. Door: Submit manufacturer's sample of door showing face sheets, core, framing, and finish.
   2. Color: Submit manufacturer's samples of standard colors of doors and frames.
   3. Test Reports: Submit certified test reports from qualified independent testing agency indicating doors comply with specified performance requirements.
   4. Maintenance Manual: Submit manufacturer's maintenance and cleaning instructions for doors, including maintenance and operating instructions for hardware.
   5. Warranty: Submit manufacturer's standard warranty.

1.06 QUALITY ASSURANCE

A. Manufacturer's Qualifications:
   1. Continuously engaged in manufacturing of doors of similar type to that specified, with a minimum of 5 years successful experience.
   2. Door and frame components from same manufacturer.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying opening door mark and manufacturer.

B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions.

C. Handling: Protect materials and finish from damage during handling and installation.

1.08 COORDINATION

A. Contractor shall be responsible for coordinating and obtaining necessary information from Hardware and Frame manufacturers to provide door supplier with approved hardware and frame schedules with templates.

1.09 WARRANTY

A. Warrant doors, frames, and factory hardware against failure in materials and workmanship, including excessive deflection, faulty operation, defects in hardware installation, and deterioration of finish or construction in excess of normal weathering.

B. Warranty Period: Ten years starting on date of substantial completion.

PART 2 PRODUCTS

2.01 MANUFACTURER

A. Special-Lite, Inc., Decatur, Michigan 49045 www.special-lite.com.
   1. Product: Series AF-220 with Special-lite fiberglass reinforced polyester (FRP) face sheets..
   2. Acceptable Manufacturers.
      a. Assa Abloy, Ceco Door Fiberglass Reinforced Polyster Door (FRP)
      b. Vale FRP Doors, Collingsale, PA: www.valedoors.com
      c. Commercial Door Systems, Mensalem PA: www.commercialdoorsystems.com
      d. Kawneer
      e. Substitutions: See Section 01 6000 - Product Requirements

2.02 FIBERGLASS FLUSH DOORS

A. Model: AF-220 Flush Doors with Special-Lite fiberglass reinforced polyester (FRP) face sheets.

B. Door Opening Size: As indicated on the Drawings.

C. Construction:
   1. Door Thickness: 1-3/4 inches.
   2. Stiles and Rails: Aluminum Alloy 6063-T5, minimum of 2-5/16-inch depth.
   3. Corners: Mitered.
   4. Provide joinery of 3/8-inch diameter full-width tie rods through extruded splines top and bottom as standard tubular shaped stiles and rails reinforced to accept hardware as specified.
   5. Securing Internal Door Extrusions: 3/16-inch angle blocks and locking hex nuts for joinery.
   6. Furnish extruded stiles and rails with integral reglets to accept face sheets. Lock face sheets into place to permit flush appearance.
   7. Extrude top and bottom rail legs for interlocking continuous weather bar.
   8. Bottom of Door: Install bottom weather bar with nylon brush weatherstripping into extruded interlocking edge of bottom rail.

D. Face Sheet:
   1. Material: Special Lite FRP, 0.120-inch thickness, finish color throughout. Abuse-resistant engineered surface.
      a. Standard face sheets shall be manufactured using a corrosion resistant resin system with light stabilizing additives. The resin shall be reinforced with fiberglass, 40% by weight.
   2. Texture: Sandstone.
   3. Color: As selected by Architect from manufacturers standard color line - Light Grey 5597

E. Core:
   1. Material: Poured-in-place polyurethane foam.
   2. Density: Minimum of 5 pounds per cubic foot.
   3. R-Value: Minimum of 9.

F. Cutouts:
   1. Manufacture doors with cutouts for required vision lites, louvers, and panels.
   2. Factory install vision lites, louvers, and panels.

G. Hardware:
   1. Hardware Installation: To factory install all applicable and supplied hardware to doors and frames.
   2. Hardware Reinforcement: To provide necessary reinforcement for proper longevity and hardware function; ASTM B 209 and/or ASTM 308.
   3. Premachine doors in accordance with templates from specified hardware manufacturers and hardware schedule.

2.03 MATERIALS

A. Aluminum Members:
   1. Extrusions: ASTM B 221.
   2. Sheet and Plate: ASTM B 209.
   3. Components: Door and frame components from same manufacturer.
   4. Fasteners:
      a. Material: Aluminum, 18-8 stainless steel, or other noncorrosive metal.
      b. Compatibility: Compatible with items to be fastened.
      c. Exposed Fasteners: Screws with finish matching items to be fastened.

2.04 FABRICATION

A. Sizes and Profiles: Required sizes for door and frame units, and profile requirements shall be as indicated on the Drawings.

B. Coordination of Fabrication: Field measure before fabrication and show recorded measurements on shop drawings.

C. Assembly:
   1. Complete cutting, fitting, forming, drilling, and grinding of metal before assembly.
   2. Remove burrs from cut edges.

D. Welding: Welding of doors or frames is not acceptable.

E. Fit:
   1. Maintain continuity of line and accurate relation of planes and angles.
   2. Secure attachments and support at mechanical joints with hairline fit at contacting members.

2.05 ALUMINUM FINISHES

A. Anodized Finish: Class I finish, 0.7 mils thick.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine areas to receive doors. Notify Architect of conditions that would adversely affect installation or subsequent use.

B. Do not proceed with installation until unsatisfactory conditions are corrected.

3.02 PREPARATION

A. Ensure openings to receive frames are plumb, level, square, and in tolerance.

3.03 INSTALLATION

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

B. Install doors plumb, level, square, true to line, and without warp or rack.

C. Anchor frames securely in place.

D. Separate aluminum from other metal surfaces with bituminous coatings.

E. Install exterior doors to be weathertight in closed position.

3.04 ADJUSTING

A. Adjust doors, hinges, and locksets for smooth operation without binding.

3.05 CLEANING

A. Clean doors promptly after installation in accordance with manufacturer's instructions.

B. Do not use harsh cleaning materials or methods that would damage finish.

3.06 PROTECTION

A. Protect installed doors to ensure that doors will be without damage or deterioration at time of substantial completion.

END OF SECTION 08 16 14

SECTION 09 62 53
SYNTHETIC TURF FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Synthetic turf flooring.

B. Synthetic turf infill.

C. Shock absorbing course.

D. Field graphics.

E. Adhesive.

1.02 REFERENCE STANDARDS

A. ASTM D1335 - Standard Test Method for Tuft Bind of Pile Yarn Floor Coverings; 2021.

B. ASTM D2859 - Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials; 2006 (Reapproved 2011).

C. ASTM D5823 - Standard Test Method for Tuft Height of Pile Floor Coverings; 2019.

D. ASTM D6662 - Standard Specification for Polyolefin-Based Plastic Lumber Decking Boards; 2013.

E. ASTM F1936 - Standard Specification for Impact Attenuation of Turf Playing Systems as Measured in the Field; 2010 (Reapproved 2015).

F. ASTM F2765 - Standard Specification for Total Lead Content in Synthetic Turf Fibers; 2014 (Reapproved 2021).

G. NCAA (SO) - Men's and Women's Soccer Rules; current edition.

H. NFHS (Guide) - Court and Field Diagram Guide; current edition.

I. STC (PQGSP) - Performance and Quality Guidelines For Shock Pads; 2020.

1.03 SUBMITTALS

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

B. Product Data: Indicate materials of construction, compliance with specified standards, installation procedures, and safety limitations.

C. Shop Drawings:
   1. Field Graphics:
      a. Indicate layout of field graphics.
      b. Indicate width of field lines.
      c. Indicate team logo.

D. Samples:
   1. Synthetic Turf Flooring: Two 12 inch by 12 inch (305 mm by 305 mm) pieces of each color and texture specified.
   2. Infill Material: One half-gallon bags of each type.
   3. Shock Absorbing Material: One half-gallon bags for each type.
   4. Field Graphics Synthetic Turf Flooring: Two 12 inch by 12 inch (305 mm by 305 mm) pieces of each color indicated on drawings.

E. Maintenance contract.

F. Manufacturer's field report.

G. Maintenance Materials: Furnish the following for Owner's use in maintenance of project:

1.04 QUALITY ASSURANCE

A. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years of documented experience.

B. Documents at Project Site: Maintain at project site one copy of manufacturer's instructions, erection drawings, shop drawings, and reference standard documents containing execution requirements.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Deliver, handle, and store synthetic turf flooring to project site complying with manufacturer's recommendations.

B. Store materials in a dry, covered area elevated above grade.

1.06 FIELD CONDITIONS

A. Required Ambient Conditions:
   1. Temperature: Above 45 degrees F.
   2. Relative Humidity: Not more than adhesive manufacturer's requirements.
   3. Substrate Surface: Dry.
   4. Substrate Temperature: Not less than 65 degrees F.

B. Maintain ambient conditions during installation and for 48 hours afterward.

1.07 WARRANTY

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

B. Manufacturer Warranty: Provide 5 year minimum manufacturer warranty for excessive wear, fiber tensile strength, deterioration or fading from UV light, seam integrity, and shock absorption. Complete forms in Owner's name and register with manufacturer.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. The Motz Group; https://themotzgroup.com/

B. Field Turf

C. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 SYNTHETIC TURF FLOORING

A. Basis of Design:
   1. Turf: 24/Seven Turf System - 1.625" slit film synthetic turf
   2. Infill: Envirofill (Microban®-infused coated quartz)
   3. Shock Pad: 20mm Schmitz ProPlay (closed-cell polypropylene)

B. Yarn fibers tufted through and adhered to a porous fiber backing:
   1. Primary Blades:
      a. Fibers: Slit-Film.
      b. Material: Polyethylene.
      c. Weight: 46 oz/sq yd minimum.
      d. Height: 1.625; comply with ASTM D5823.
      e. Tuft Bind: less than 10 lbf without infill; comply with ASTM D1335.
      f. Color: Field Green and Lime Green as indicated on drawings.
   2. Backing:

a. First: Single layer of 8 oz. Ultraloc treated with UV inhibitors.
b. Second: Coating of 20 oz. polyurethane.
c. Backing Weight: 20 oz/sq yd minimum.

3. Lead Content: 100 ppm, maximum; comply with ASTM F2765.
4. Roll: 10 feet wide, minimum.
5. Noncombustible: Pass ASTM D2859 for flammability.

C. Field Graphics:
1. Inlaid Marking: Synthetic turf of the same manufacturer in colors indicated on drawings.
2. Comply with NFHS (Guide).
3. Comply with NCAA (SO).

D. Synthetic Turf Infill: 7 psf, Envirofill (Microban®-infused coated quartz)
1. Sand infill is an acceptable equal.

E. Shock Absorbing Course:
1. Impact Mats: Comply with STC (PQGSP).
a. Schmitz Pro Play - Closed Cell Polypropylene
b. Prefabricated High performance shock and drainage pad: Thermal bonded cross-linked polyethylene XLPE foam.
1) Tile Size: 7.51 ft by 3.08 ft
2) Tile Thickness:20 mm

F. Adhesive: Compatible with synthetic turf flooring and substrate.

G. Granular Fill Base: It is the responsibility of the turf installer to provide and laser screed the aggregate base.
1. Granular Fill elevation to be determined based on turf system. Turf infill is to be flush with adjacent concrete with finish rubber floor. Coordinate heights with all disciplines.

2.03 MEZZANINE TURF FLOORING

A. Basis of Design: Elevate 28 376SG - Motz Group
1. Fiber Type: Nylon
2. Fiber Mass: 4,400 denier
3. Tufted Pile Height: 0.5 in
4. Turf Blade Color: Green
5. Tufting Gauge: 3/16 in
6. Total Weight: 55 oz/sq yd
7. Min. Roll Width: 15ft
8. Min. Roll Length: Width of Building

B. Field Turf - Hockey Gold is an approved Equal

2.04 MATERIALS

A. Edge Anchor: Wood-polymer composite lumber complying with ASTM D6662; factory finished, free of sharp vertical edges, protruding elements, and trip hazards, capable of being secured to the border.
1. Minimum Edge Radius: 1/2 inch.

B. Border: Permanent element surrounding edge anchoring, consisting of thresholds, transition strips, and walls.

PART 3 EXECUTION

3.01 EXAMINATION

A. Measure the location of synthetic grass elements, including access and egress points, hard surfaces, perimeter of existing synthetic turf flooring, support for mounted equipment, and walls.

B. Verify that subfloor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive synthetic turf flooring.

C. Verify that subfloor surfaces are dust-free and free of substances that could impair bonding of adhesives to subfloor surfaces.

3.02 PREPARATION

A. Protection of In-Place Conditions: Doors and Walls.

B. Lay out project perimeter as indicated on drawings prior to starting work.

C. Measure the location of synthetic turf elements, including access and egress points and seams.

D. Level protrusions greater than 1/32 inch high.

3.03 SHOCK ABSORBING COURSE

A. Impact Mats:
   1. Prefabricated Cushion:
      a. Lay tile with cut end tiles of equal width.
      b. Bond tile to substrate with adhesive compatible with cushion and substrate.
      c. Make cutouts around equipment not more than 3/8 inch in width; remove and refit tile as required to reduce gaps.
      d. Fill and seal gaps around equipment with sealant.

3.04 EDGE ANCHORING

A. Layout nailer boards complying with shop drawings.

B. Install along perimeter of synthetic turf.
   1. Attach to border with 3/8 inch diameter stainless steel wedge anchors at 24 inches on center, maximum.

C. Set top of edging flush or recessed 1/2 inch below top of border, maximum.

3.05 SYNTHETIC TURF

A. Synthetic Turf Flooring:
   1. Unroll material in the same direction.
   2. Prevent seams from being located over impact mats.
   3. Allow synthetic turf flooring to rest for at least 24 hours after unrolling and prior to seaming.
   4. Smooth seams and edges, eliminate overlaps and gaps.

B. Seaming:
   1. Cut: Straight, with a clean and smooth edge.
   2. Method:

C. Securing: Staple synthetic turf flooring to edging 1 inch on center.

D. Field Graphics:
   1. Comply with governing body for layout markings.
   2. Comply with manufacturer's recommendations for dimensions and color patterns indicated on drawings.

3. Inlaid Marking:

3.06 INFILL

A. Thoroughly brush synthetic turf prior to infill installation.

B. Apply after fastening, markings, and trim work are complete.

C. Apply infill uniformly in multiple lifts, brush fibers between each application.

D. Measure depth to confirm compliance with drawings.

E. Ensure infill is flush with adjacent rubber flooring

3.07 FIELD QUALITY CONTROL

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

B. Owner or Owner's representative will inspect synthetic grass after installation to verify that surfacing is of proper type and meets specified design safety and accessibility requirements.

C. Repair or replace rejected work until compliant with specified requirements and design criteria.

D. Confirm impact attenuation complies with ASTM F1936.

E. Nonconforming Work: Will be replaced at the expense of installer. .

F. Replace damaged products before Date of Substantial Completion.

3.08 CLEANING

A. Clean surrounding areas of excess construction materials, debris, and waste.

B. Comply with authorities having jurisdiction for removal of excess and waste material and dispose off-site.

3.09 CLOSEOUT ACTIVITIES

3.10 MAINTENANCE

A. Provide separate maintenance contract for service and maintenance of turf and infill for 10 years from Date of Substantial Completion.

B. Minimum Maintenance Requirements on an annual basis:
   1. Deep Field Compaction
   2. Magnet sweep for metal debris
   3. Rotary Brush raising turf fibers and redistribute infill
   4. Weighted power brush and vacuum to redistibure infill back within field.
   5. Infill Depth Check
   6. Fix any necessary inlay repairs
   7. Spray disinfectant to entire turf area.

END OF SECTION 09 62 53

SECTION 14 42 15
VERTICAL WHEELCHAIR LIFTS

PART 1 GENERAL

1.01 SUMMARY

A. A vertical platform (wheelchair) lifting device.

B. Lift consists of machine tower, lifting platform and related accessories.

1.02 RELATED REQUIREMENTS

A. Section 03 30 00 - Cast-In-Place Concrete: Concrete shaftway and anchor placement.

B. Section 04 20 00- Masonry Assemblies: Masonry shaftway and anchor placement.

C. Section 06 10 00 - Rough Carpentry: Blocking in framed construction for lift attachment.

D. Division 26 - Electrical

1.03 REFERENCES

A. ASME A17.1 - Safety Code for Elevators and Escalators.

B. ASME A18.1 - Safety Standard for Platform Lifts and Stairway Chairlifts.

C. ICC/ANSI A117.1 - Accessible and Usable Buildings and Facilities.

D. NFPA 70 - National Electric Code.

1.04 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

B. Product Data: Manufacturer's data sheets on each product to be used, including:
   1. Submit manufacturer's installation instructions, including preparation, storage and handling requirements.
   2. Include complete description of performance and operating characteristics.

C. Shop Drawings:
   1. Show typical details of assembly, erection and anchorage.
   2. Include wiring diagrams for power, control, and signal systems.
   3. Show complete layout and location of equipment, including required clearances and coordination with shaftway.

D. Certificates: Inspection and acceptance certificates of lift system installation.

E. Operation and maintenance data. Include the following:
   1. Operation and maintenance instructions.
   2. Parts list, with recommended parts inventory.

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

1.05 QUALITY ASSURANCE

A. Manufacturer Qualifications: Firm with minimum 10 years experience in manufacturing of vertical platform lifts, with evidence of experience with similar installations of type specified.

B. Installer Qualifications: Licensed to install equipment of this scope, with evidence of experience with specified equipment. Installer shall maintain an adequate stock of replacement parts, have qualified people available to ensure fulfillment of maintenance and callback service without unreasonable loss of time in reaching project site.

C. Regulatory Requirements

1. Provide platform lift in compliance with:
    a. ASME A18.1 - Safety Standard for Platform Lifts and Stairway Chairlifts.
    b. ASME A17.5 - Elevator and Escalator Electrical Equipment.
    c. NFPA 70 - National Electric Code.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Store products in manufacturer's unopened packaging until ready for installation.

B. Store components off the ground in a dry covered area, protected from adverse weather conditions.

1.07 PROJECT CONDITIONS

A. Prohibited Use: Lifts shall not be used for any purpose during the construction period before Substantial Completion.

B. Painting:
    1. Except as otherwise specified, paint all metal work provided by the lift manufacturer and installer.

1.08 WARRANTY

A. See Section 01 78000 - Closeout Submittals, for additional warranty requirements.

B. Warranty: Manufacturer shall warrant the wheelchair lift materials and workmanship for two years following completion of installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Manufacturer
    1. Garaventa Lift, Product Genesis Shaftway Vertical Lift

B. Acceptable Manufacturers:
    1. Savaria Concord
    2. Inclinator
    3. Substitutions: See Section 01 6000

2.02 UNENCLOSED VERTICAL WHEELCHAIR LIFT

A. Capacity: 750 lbs (340 kg) rated capacity.

B. Mast Height:
    1. Model GVL-EN-168; 171 inches (4343 mm) maximum lifting height, using hydraulic drive, only.

C. Platform Size and Nominal Clear Platform Dimensions:
    1. 36 inches (914 mm) by 47-1/2 inches (1208 mm) clear platform dimensions.
    2. 90 degree: 43-1/2 inches (1104 mm) by 58-1/2 inches (1485 mm) with 90 degree entry/exit configuration.

D. Platform Configuration:
    1. Shaftway On/Off Same Side

E. Landing Openings:
    1. Lower Landing: Door.
    2. Upper Landing: Gate.

F. Door Construction:

1. Non-Rated Doors: Pre-hung, on an anodized aluminum frame, with a door closer, pull handle, integrated interlock and constructed with a 16 gauge (1.5 mm) galvanized steel kick plate and upper panel as follows:
    a. Panels of 16 gauge (1.5 mm) galvanized steel.
    b. Panels of 1/4 inch (6 mm) laminated safety glass.
    c. D-Handle Pull: 12 inch (305 mm) offset D-Handle.
2. Door Width:
    a. Lower Landing:
        1) 35-5/8 inches (905 mm).
    b. Upper landing:
        1) 35-5/8 inches (905 mm).

G. Upper Gate Construction
1. 42 inches (1067 mm) high, pre-hung on an anodized aluminum frame, fitted with a door closer, pull handle, integrated interlock and constructed with a 16 gauge (1.5 mm) galvanized steel kick plate and upper panel as follows:
    a. Panels of 16 gauge (1.5 mm) galvanized steel.
    b. Panels of 1/4 inch (6 mm) laminated safety glass.

H. Power Door Operator: Automatically opens the door/gate when platform arrives at a landing. Will also open at landing by pressing call button.
1. ADA Compliant and obstruction sensitive.
2. Low voltage, 24 VDC with all wiring concealed.
3. Provide power operators at the following locations:
    a. Lower Landing: Door.
    b. Upper landing: Door or Gate.

I. Landing Openings: Gates shall be self closing type.
1. Platform Gate: Travels with platform and opens at lower landing.
2. Upper Landing Gate: Installed at upper landing.

J. Power Gate Operators:
1. Location:
    a. Platform Gate: Travels with platform and opens lower landing.
    b. Upper Landing Gate.
2. Automatically opens the gate when platform arrives at a landing. Will also open at landing by pressing call button.
3. ADA Compliant and obstruction sensitive.
4. Low voltage, 24 VDC with all wiring concealed.

K. Lift Components:
1. Machine Tower: Custom aluminum extrusion.
2. Base Frame: Structural steel.
3. Platform Side Wall Panels: 16 gauge (1.5 mm) galvanized steel sheet.
4. Side Guard Panels: 42-1/8 inches (1070 mm) high mounted on platform.

L. Base Mounting at Lower Landing:
1. Pit Mount:
    a. Lift to be mounted in pit with dimensions to meet manufacturers requirements for the platform size specified.
    b. Pit construction shall be in accordance to Section 03 3000.

M. Hydraulic Drive:

1. Drive Type: Chain hydraulic.
2. Emergency Operation: Manual device to lower platform and battery auxiliary power to raise or lower platform.
3. Safety Devices:
    a. Slack chain safety device.
    b. Shoring device.
4. Travel Speed: 17 fpm (5.2 m/minute).
5. Motor: 3.0 hp (2.2 kW); 24 volts DC.
6. Power Supply:
    a. Powered by continuous building service converted to 24 VDC, equipped with auxiliary power system capable of running lift up and down for a minimum of 5 trips with rated load.

N. Platform Controls: 24 VDC control circuit with the following features.
1. Illuminated and audible emergency stop switch shuts off power to lift and activates audio alarm with battery backup.
2. Arrival Gong and Digital Floor Display.

O. Call Station Controls: 24 VDC control circuit with the following features.
1. Direction Control:
    a. Illuminated tactile and constant pressure elevator-style buttons.
2. Call Station Mounting:
    a. Lower: Wall mounted surface.
    b. Upper: Frame mounted

P. Safety Devices and Features:
1. Grounded electrical system with upper, lower, and final limit switches.
2. Tamper resistant interlock to electrically monitor that the gate is in the closed position and the lock is engaged before lift can move from landing.
3. Pit stop switch mounted on mast wall.
4. Electrical disconnect shall shut off power to the lift.
5. Under platform safety pan with five waterproof safety switches to detect obstruction under platform.

Q. Finishes
1. Aluminum Extrusions: Champagne anodized finish.

PART 3 EXECUTION

3.01 EXAMINATION

A. Do not begin installation until substrates have been properly prepared.

B. Verify shaft and machine space are of correct size and within tolerances.

C. Verify required landings and openings are of correct size and within tolerances.

D. Verify electrical rough-in is at correct location.

3.02 PREPARATION

A. Clean surfaces thoroughly prior to installation.

B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.03 INSTALLATION

A. The vertical platform lift shall be installed in accordance with manufacturer's instructions.

B. Install platform lifts in accordance with applicable regulatory requirements including ASME A 18.1 and the manufacturer's instructions.

C. Install system components and connect to building utilities.

D. Accommodate equipment in space indicated.

E. Startup equipment in accordance with manufacturer's instructions.

F. Adjust for smooth operation.

3.04 FIELD QUALITY CONTROL

A. Perform tests in compliance with A18.1 and as required by authorities having jurisdiction.

B. Schedule tests with agencies and Architect, Owner, and Contractor present.

3.05 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

3.06 DEMONSTRATION

A. The lift contractor shall make a final check of the lift's operation with the Owner's representative present prior to turning the lift over for use. The lift contractor shall determine that operating and safety devices are functioning properly.

END OF SECTION 14 42 15

SECTION 23 31 00
HVAC DUCTS AND CASINGS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Metal ductwork.

B. Flexible Duct Liner

C. Duct cleaning.

D. Fabric Duct Air Dispersion System.

E. Testing and Repair

1.02 RELATED REQUIREMENTS

A. Section 09 91 13 - Exterior Painting: Weld priming, weather resistant, paint or coating.

B. Section 09 91 23 - Interior Painting: Weld priming, paint or coating.

C. Section 23 0593 - Testing, Adjusting, and Balancing for HVAC.

D. Section 23 07 13 - DUCT INSULATION: External insulation and duct liner.

E. Section 23 33 00 - Air Duct Accessories.

F. Section 23 37 00 - Air Outlets and Inlets.

1.03 REFERENCE STANDARDS

A. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2017.

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

C. ASTM B209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate; 2014.

D. NFPA 90A - Standard for the Installation of Air-Conditioning and Ventilating Systems; 2024.

E. NFPA 90B - Standard for the Installation of Warm Air Heating and Air-Conditioning Systems; 2024.

F. SMACNA (LEAK) - HVAC Air Duct Leakage Test Manual; Sheet Metal and Air Conditioning Contractors' National Association; 2012, 2nd Edition.

G. SMACNA (DCS) - HVAC Duct Construction Standards Metal and Flexible; 2005.

H. SMACNA (KVS) - Kitchen Ventilation Systems and Food Service Equipment Fabrication and Installation Guidelines; 2001.

I. SMACNA (LEAK) - HVAC Air Duct Leakage Test Manual; 2012.

J. ASHRAE Standard 90.1 - Energy Standard for Buildings Except Low-Rise Residential Buildings.

K. UL 181 - Standard for Factory-Made Air Ducts and Air Connectors; current edition, including all revisions.

1.04 PERFORMANCE REQUIREMENTS

A. No variation of duct configuration or sizes permitted except by written permission. Size round ducts installed in place of rectangular ducts in accordance with ASHRAE table of equivalent rectangular and round ducts.

1.05 SUBMITTALS

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

B. Product Data: Provide data for duct materials.

C. Sheet metal shop coordination drawings shall be provided by the Division 23 mechanical contractor. Refer to Section 23 0501 for coordination drawing requirements.

D. Test Reports: Indicate pressure tests performed. Include date, section tested, test pressure, and leakage rate, following SMACNA (LEAK).

E. Project Record Documents: Record actual locations of ducts and duct fittings. Record changes in fitting location and type. Show additional fittings used.

1.06 QUALITY ASSURANCE

A. Construction of ductwork shall be in accordance with the recommendation of the latest edition of ASHRAE Handbook, HVAC Systems and Equipment, Chapter 16; Sheet Metal and Air Conditioning Contractor's National Association, Inc. (SMACNA) Manual, First Edition - 1985 for low pressure duct; SMACNA Manual, Second Edition - 1975 for duct liner application standards; except as otherwise specified.

B. Duct coverings, duct linings, tapes, and core materials in panels used in duct systems shall have a flame spread rating not over 25, without evidence of continued progressive combustion and a smoke developed rating no higher than 50. If coverings and linings are to be applied with adhesives, they shall be tested as applied with such adhesives, or the adhesives used shall have a flame spread rating not over 25 and a smoke developed rating no higher than 50 when in the final dry state.

C. Ductwork, shall be constructed of new prime grade galvanized sheet steel, manufactured in accordance with ASTM A525 standards for hot dip galvanized sheet and ASTM A527 for lock forming quality. Coating weight shall not be less than 1.25 oz. per sq.ft. where used in normal applications. Where marine atmospheres, corrosive industrial pollutants, and cyclic or continuous contact with water is evident, the coating weight shall not be less than 2.5 oz. per sq.ft. Sheets having coating that will flake or peel under any forming operation will not be allowed.
   1. Minimum rectangular duct sheet metal gauges, reinforcement and rigidity shall be in accordance with Table 1-5, SMACNA HVAC Duct Construction Standards, First Edition 1985.

D. Fabric Duct:
   1. Product must be Classified by Underwriter's Laboratories in accordance with the 25/50 flame spread / smoke developed requirements of NFPA 90-A and UL 2518.
   2. All product sections must be labeled with the logo and classification marking of Underwriter's Laboratories.
   3. Manufacturer must have documented design support information including duct sizing; vent, orifice, and/or nozzle location; vent, orifice, and/or nozzle sizing; length; and suspension. Parameters for design, including maximum air temperature, velocity, pressure and textile permeability, shall be considered and documented.

E. Installer Qualifications: Company specializing in performing the type of work specified in this section, with minimum 2 years ofdocumented experience.

1.07 REGULATORY REQUIREMENTS

A. Construct ductwork to NFPA 90A standards.

1.08 WARRANTY

A. Fabric Duct: 10 year product warranty for products supplied for the fabric portion of this system as well as a design and performance warranty.

1.09 DELIVERY, STORAGE, AND HANDLING

A. All ductwork kept on site shall have open ends wrapped and protected from dirt entering inside of duct. All ductwork and duct accessories shall be kept off floor.

1.10 FIELD CONDITIONS

A. Do not install duct sealants when temperatures are less than those recommended by sealant manufacturers.

B. Maintain temperatures within acceptable range during and after installation of duct sealants.

PART 2 PRODUCTS

2.01 DUCT ASSEMBLIES

A. Regulatory Requirements: Construct ductwork to comply with NFPA 90A standards.

2.02 MATERIALS

A. Galvanized Steel for Ducts: Hot-dipped galvanized steel sheet, ASTM A653/A653M FS Type B, with G90/Z275 coating.

B. Shower/Locker room exhaust ductwork shall be aluminum construction conforming to ASTM B 209 Alloy 3003, Temper H14. Gauges shall be per the latest issue of SMACNA for listed pressure requirements. Seal all joints liquid-tight. Pitch ductwork back toward grille.

C. Duct Liner:
   1. Shall be factory fabricated double-walled with 1" thick sound insulation and inner perforated galvanized metal liner. Construction shall comply with flame and smoke rating required by NFPA 90A. Metal liner shall be 24 gauge having perforations not exceeding 2.4mm (3/32 inch) diameter and approximately 22 percent free area. Metal liner for fittings need not be perforated. Provide liner couplings/spacer for metal liner. At the end of insulated sections, provide insulation end fittings to reduce outer shell to liner size. Provide liner spacing/concentricity leaving airway unobstructed. Refer to section 23 0713 for insulation requirements. All dimensions shown on the drawings are inside duct dimensions and do not include the dimension of the duct liner.

D. Joint Sealers and Sealants: Non-hardening, water resistant, mildew and mold resistant.

E. Pre-Insulated Duct - Contractor Option for exterior duct
   1. Manufacturers:
      a. Pro-R Duct
      b. Thermaduct
      c. **Tuff Duct**
      d. Substitutions: See Section 01 6000 (01600) - Product Requirements.
   2. All exterior ductwork shall **meet ASHRAE 90.1-2019** requirements of **R-value=R-12** or above for **the associated climate zone**.
   3. Panel to be manufactured of CFC-free phenolic foam thermobonded on both sides to a factory applied 0.001" aluminum foil facing re-inforced with fiberglass scrim.
   4. Duct panel system to meet the requiremenets of UL-181 standard for Class 1 air ducts.
      a. Pressure rating: 4 inches WG positive and 4 inches WG negative.
   5. Duct panel system to meet requirements of 25/50 flame, smoke classification.
   6. Duct Construction:

a. The contractor responsible for the fabrication and installation shall be authorized with manufacturer and shall have successfully completed a specialized training seminar sponsored by the manufacturer.
b. All duct segments to be fabricated, handled and installed in accordance with the manufacturer's design guidelines.
c. Duct segments are to be constructed utilizing the V-groove method of fabrication. All external seams shall be taped, and all internal seams shal be fully ealed with an unbroken layer of silicon. Each duct segment shall be flanged with either aluminum grip profile or tiger connectors in accordance with manufacturer's recommendations. Duct reinforcement shall be applied to protect against side deformation from both positive and negative pressure per the manufacturer's design guidelines based on ductwork size and system pressure.
d. All fabricated duct segment fittings shall be designed in accordance with "SMACNA HVAC Duct Construction Standards" latest edition.
e. Install Hangers per maufacturer's requirements.

F. Low Pressure Insulated Flexible Ducts:
1. Manufacturers:
a. Flexmaster Model 5M.
b. Thermaflex, Model M-KC
c. Buckley, Model Type 2.
d. Substitutions: See Section 01 6000 - Product Requirements.
2. Three ply aluminum/fiberglass/aluminized polyester film supported by helically wound spring steel wire; 1 inch thick, 3/4 lb. density, fiberglass insulation; air tight aluminized fire retardant vapor barrier film.
a. Pressure Rating: 5 inches WG positive and 5 inches WG negative.
b. Maximum Velocity: 4000 fpm.
c. Temperature Range: -10 degrees F to 160 degrees F.

G. High Pressure Flexible ducts
1. Manufacturers:
a. Flexmaster Model 3M.
b. Thermaflex, Model M-KC
c. Buckley, Model Type 3
d. Substitutions: See Section 01600 - Product Requirements.
2. Insulated, flexible high pressure ducts shall be used for connecting high velocity branch runouts to terminal units and other related equipment on the high pressure side of the system and shall have an inner core of all metal construction, consisting of a bonded 3 ply laminate, mechanically corrugated for strength and air tightness and covered with a one inch thick fiberglass blanket of one pound density, and an airtight foil fire retardant skin over the insulation.
a. Pressure Rating: 10 inches WG positive and 1.0 inches negative.
b. Maximum Velocity: 4000 fpm.
c. Temperature Range: -20 degrees F to 210 degrees F.

H. Joint Sealers and Sealants: Non-hardening, water resistant, mildew and mold resistant.
1. Type: Heavy mastic or liquid used alone or with tape, suitable for joint configuration and compatible with substrates, and recommended by manufacturer for pressure class of ducts.
a. All sealers and sealants shall meet the low VOC requirements for LEED. Refer to Division 01 of the specifications for additional information.

I. Hanger Rod: ASTM A 36/A 36M; steel, galvanized; threaded both ends, threaded one end, or continuously threaded.

J. A maximum length of 12" of flexible ductwork will be allowed in the exhaust and return air ductwork systems. Contractor shall ensure that flexible ductwork used in these systems are sealed air tight to the sheet metal duct.

2.03 DUCTWORK FABRICATION

A. Fabricate and support in accordance with SMACNA (DCS) and as indicated.

B. Provide duct material, gages, reinforcing, and sealing for operating pressures indicated.

C. Construct T's, bends, and elbows with radius of not less than 1-1/2 times width of duct on centerline. Where not possible and where rectangular elbows must be used, provide air foil turning vanes of perforated metal with glass fiber insulation.

D. Provide air foil turning vanes of performated metal with glass fiber insulation in all rectangular elbows in the supply air stream, return air stream, and exhaust air stream for all duct sizes with a width greater then 12" and a height greater then 12" (12"x12").

E. Increase duct sizes gradually, not exceeding 15 degrees divergence wherever possible; maximum 30 degrees divergence upstream of equipment and 45 degrees convergence downstream.

F. Fabricate continuously welded round and oval duct fittings in accordance with SMACNA (DCS).

G. Fabricate continuously welded round and oval duct fittings two gages heavier than duct gages indicated in SMACNA Standard. Joints shall be minimum 4 inch cemented slip joint, brazed or electric welded. Prime coat welded joints.

H. Provide standard 45 degree lateral wye takeoffs unless otherwise indicated where 90 degree conical tee connections may be used.

I. Where ducts are connected to exterior wall louvers and duct outlet is smaller than louver frame, provide blank-out panels sealing louver area around duct. Use same material as duct, painted black on exterior side; seal to louver frame and duct. Bottom of ductwork shall be sloped down to louver to allow rain, snow, etc. to run out of ductwork.

J. All sheetmetal ductwork in the student dining / stage, shop areas, and other areas with exposed ductwork shall have paint grip type construction. All ductwork to be painted shall have the exterior wiped down after installation with proper cleaning solution to remove any oils, grease, etc. that would prohibit paint from sticking to ductwork. Painting of ductwork shall be by General Contractor.

2.04 MANUFACTURED DUCTWORK AND FITTINGS

A. Manufacture in accordance with SMACNA HVAC Duct Construction Standards - Metal and Flexible, and as indicated. Provide duct material, gages,reinforcing, and sealing for operating pressures indicated.

B. Construct ductwork of new prime grade galvanized sheet steel, manufactured in accordance with ASTM A525 standards for hot dip galvanized sheet. Coating weight shall not be less than 0.90 oz. per sq.ft. where used in normal applications. Sheets having coating that will flake or peel under forming operation will not be allowed.

C. Installation of sheet metal ducts and related work shall comply with applicable Local, State and National Codes, rules, regulations and ordinances, including the following specific codes:
   1. Air conditioning and ventilating systems of other than residence type NFPA No. 90A.
   2. Air conditioning, warm air heating, air cooling, and ventilating systems NFPA No. 90B.

D. Minimum round duct sheet metal gauge shall be as follows:
   1. Diameter 3 through 14 inches: Spiral Seam Gauge = 26, Longitudinal Seam Gauge = 24.
   2. Diameter 15 through 26 inches: Spiral Seam Gauge = 24, Longitudinal Seam Gauge = 22.
   3. Diameter 27 through 36 inches: Spiral Seam Gauge = 22, Longitudinal Seam Gauge = 20.
   4. Diameter 37 through 50 inches: Spiral Seam Gauge = 20, Longitudinal Seam Gauge = 20.
   5. Diameter 51 through 60 inches: Spiral Seam Gauge = 18, Longitudinal Seam Gauge = 18.

E. Minimum flat oval duct sheet metal gauge shall be as follows:
   1. Major Dimension Duct Width up through 24 inches: Spiral Seam Gauge = 24, Longitudinal Seam Gauge = 20.
   2. Major Dimension Duct Width 25 through 36 inches: Spiral Seam Gauge = 22, Longitudinal Seam Gauge = 20.
   3. Major Dimension Duct Width 37 through 48 inches: Spiral Seam Gauge = 22, Longitudinal Seam Gauge = 18.

F. Fittings for duct construction shall be of sheet metal gauges as follows:
   1. Duct Diamter/Major Dimension 3 through 14 inches: Spiral Seam Gauge = 24, Longitudinal Seam Gauge = 20.
   2. Duct Diameter/Major Dimension 15 through 26 inches: Spiral Seam Gauge = 22, Longitudinal Seam Gauge = 20.
   3. Duct Diameter/Major Dimension 27 through 36 inches: Spiral Seam Gauge = 20, Longitudinal Seam Gauge = 20.
   4. Duct Diameter/Major Dimension 37 through 50 inches: Spiral Seam Gauge = 20, Longitudinal Seam Gauge = 18.
   5. Duct Diameter/Major Dimension 51 through 60 inches: Spiral Seam Gauge = 18, Longitudinal Seam Gauge = 18.

G. Provide with Class A seals for all duct joints.

H. Transverse Duct Connection System: SMACNA "E" rated rigidly class connection, 45 degree and 90 degree fittings as indicated on the drawings, interlocking angle and duct edge connection system with sealant, gasket, cleats, and corner clips. Special fittings as required and where not of standard construction shall be factory fabricated to fit the ductwork furnished on the Project.

2.05 METAL DUCT HANGERS AND SUPPORTS

A. Support horizontal ductwork runs with suitable strap or trapeze hangers on 6 foot centers. Where duct weight for the 6 foot length is less than 40 pounds, space hangers 8 feet on center. Support vertical risers at floors with galvanized steel angles riveted to duct on all sides. Size of angles shall be one gage heavier than the ductwork it is supporting.

B. Ductwork may be supported using load rated cable suspension system equal to Gripple Hang-Fast system. Suspension system shall have a specified manufacturer's Save Working Load (SWL) and supplementary safety factor of at least 5 times the SWL.
   1. Suspension system shall be verified by SMACNA Testing and Research Institute to be in compliance with SMACNA Duct Construction Standard Guidelines (1995 Ch 4).
   2. Support ductwork at 6' on center for all round supply 22 inch in diameter or equivlaent square and over. For all supply over 20" support on 6 ft centers.

a. Mechanical contractor shall consult hanger manufacturer sizing chart for proper hanger sizing based on supported weight.

3. The "Clutcher" cable hanging system manufactured by Ductmate is not an acceptable product and shall not be used.

C. Rooftop Supports for Low-Slope Roofs: Steel pedestals with bases that rest on top of roofing membrane, not requiring any attachment to the roof structure and not penetrating the roofing assembly, with support fixtures as specified; and as follows:
1. Bases: High density polypropylene or UV resistant rubber.
2. Base Sizes: As required to distribute load sufficiently to prevent indentation of roofing assembly.
3. Steel Components: Stainless steel, or carbon steel hot-dip galvanized after fabrication in accordance with ASTM A123/A123M.
4. Attachment/Support Fixtures: As recommended by manufacturer, same type as indicated for equivalent indoor hangers and supports; corrosion resistant material.
5. Height: Provide minimum clearance of 6 inches under duct to top of roofing.
6. The engineering for support and anchorage delegated to the contractor responsible for putting it up there.

2.06 FABRIC DUCT AIR DISPERSION SYSTEM

A. Manufacturers
1. Ductsox
2. K.E. Fibertec
3. Fabric Air
4. Substitutions: Not Permitted.
5. Approved equals must be able to provide system with true nozzles and non prorated 10 year warranty. Ducts which do not discharge air perpendicular to the length of the duct, shall not be acceptable. Product substitutions must be pre-approved, in writing, by the project engineer and/or architect, at least ten days prior to bid opening.

B. Dispersion System:
1. Fabric duct shall be round constructed of a woven polyester with non-permeable fire retardant fabric complying with the following physical characteristics:
a. Fabric Construction: 100% Flame Retardant fabric.
b. Weight: 6.8 oz/sq yd per ASTM D3776
c. Color: Per Room Finish Selection Schedule by architect.
d. Air Permeability: 2 cfm/sf ft per ASTM D737, Frazier
e. Temperature range: 0 degrees F to 180 degrees F.
f. Fire Retardancy: Classified by Underwriters Laboratories in accordance with the flame spread/smoke developed requirements of NFPA 90-A and UL 2518.
2. Textile system to be constructed in modular lengths (zippered) with proper radial securing clips (inlets, endcaps, and mid-sections) and top access zippers for tension lock attachments.
3. Integrated air dispersion shall be specified and approved by manufacturer.
a. Orifices
1) Air dispersion and extended throws are accomplished by orifices. Dispersion orifice sizing, up to 5 inch diameter (design dependent).
2) Diameter, quantity, and location of orifices to be specified and approved by manufacturer.

4. Inlet connection to metal duct via fabric draw band with anchor patches as supplied by manufacturer. Anchor patches to be secured to metal duct via. zip screw fastener - supplied by contractor.
5. Inlet connection includes zipper for easy removal / maintenance.
6. Lengths to include required intermediate zippers as specified by manufacturer.
7. System to include Adjustable Flow Devices to balance turbulence, airflow and distribution as needed. Flow restriction device shall include ability to adjust the airflow resistance from 0.06 - 0.60 in w.g. static pressure.
8. End cap includes zipper for easy maintenance.
9. Each section of the textile shall include identification labels documenting order number, section diameter, section length, piece number, code certifications and other pertinent information.

C. Performance
1. System overall design; diameter, length, airflow, operating static pressure and dispersion shall be designed or approved by the manufacturer.
2. Provide fabric ducts that have, as minimum, throw and/or near zone velocity ratings, and static and inlet velocity pressure ratings for each fabric duct as shown on drawings and/or schedules.
3. Use fabric ducts for positive pressure applications only.
4. Do not use fabric ducts in concealed locations.
5. Systems should be designed from .25" water grade minimum in order to keep ducts fully inflated. Maximum 3.1", however, most applications should be designed around .50" water grade.

D. Fabric Ductwork Suspension System
1. SkeleCore Pull-Tight System: Air diffusers shall be constructed with both internal retention and external tensioning.
   a. System shall consist of internal tensioning baskets with cable or track stops that externally tension the system off of the suspension system selected below along with 360 degree internal retention hoops that are spaced 5 ft on center between tensioning baskets.
   b. Tensioning baskets are designed to self-lock when tension is applied to the system.
   c. All straight sections utilize both internal retention hoops and external tensioning with the use of the tension baskets, all fittings(crosses, elbows, reducers, and tees) utilize internal retention hoops.
   d. Distance between consecutive tensioning baskets should not be more than 40'.
   e. System shall be installed with a one row suspension system located 1.5" above top-dead-center of the textile system.
   f. System attachment to cable or U-Track shall be made using Gliders spaced no further than 12 inches apart.
   g. One row suspension options
      1) Cable suspension hardware to include galvanized steel cable, eye bolts, thimbles, cable clamps, and turnbuckle(s) as required.
         (a) Support lengths available in 5'(standard), 10', 15', & 30'.

PART 3 EXECUTION

3.01 INSTALLATION

A. Install, support, and seal ducts in accordance with SMACNA (DCS).

B. Install in accordance with manufacturer's instructions.

C. Fabric Duct Installation: Install chosen suspension system in accordance with the requirements of the manufacturer. Instructions for installation shall be provided by the manufacturer with product.

D. Duct sizes indicated are inside clear dimensions. For lined ducts, maintain sizes inside lining.

E. Install and seal metal and flexible ducts in accordance with SMACNA HVAC Duct Construction Standards - Metal and Flexible.

F. Provide openings in ductwork where required to accommodate thermometers and controllers. Provide pilot tube openings where required for testing of systems, complete with metal can with spring device or screw to ensure against air leakage. Where openings are provided in insulated ductwork, install insulation material inside a metal ring.

G. Locate ducts with sufficient space around equipment to allow normal operating and maintenance activities.

H. Use crimp joints with bead for joining round duct sizes 8 inch and smaller with crimp in direction of air flow.

I. Use double nuts and lock washers on threaded rod supports.

J. Connect terminal units to supply ducts directly or with one foot maximum length of flexible duct. Do not use flexible duct to change direction.

K. Connect diffusers to low pressure ducts with 10 feet maximum length of flexible duct held in place with strap or clamp.

L. Connect flexible ducts to metal ducts with adhesive tape and draw bands.

M. Set plenum doors 6 to 12 inches above floor. Arrange door swings so that fan static pressure holds door in closed position.

N. During construction provide temporary closures of metal or taped polyethylene on open ductwork to prevent construction dust from entering ductwork system.

O. Ducts shall be installed substantially as indicated on the Drawings. However, where conflicts occur with other trades, the Architect/Engineer reserves the right to require the Contractor to make minor changes in duct locations without extra cost to the Owner.

P. Locate ductwork within walls, ceilings, utility or pipe spaces, chases, joist spaces, and the like, insofar as is practical and so that such Work will be properly concealed.
   1. Space sufficiently distant from other Work and from adjacent lines, ducts, etc., to permit maintenance, replacement, insulation, etc., so not less than 1 inch space will exist between completed finished surfaces.
   2. Space parallel runs of ductwork so that each individual run of duct can be separately insulated. Parallel runs of duct or piping, insulated as a bundle, will not be accepted.
   3. This Contractor shall clean the interior of ductwork and fittings, leaving area clean and free of loose insulation and other construction debris.
   4. Provide flexible connections at all fan powered equipment on inlet and discharge sides of equipment.

Q. Support horizontal ductwork runs with suitable strap or trapeze hangers on 6 foot centers. Where duct weight for the 6 foot length is less than 40 pounds, space hangers 8 feet on center. When weight of duct between hangers does not exceed 60 pounds, hangers shall be 1 inch wide by 18 gauge. For greater weights, use trapeze hangers 6 feet on center, as approved by Architect/Engineer. Support vertical risers at floors with galvanized steel angles riveted to duct on all sides. Size of angles shall be one size heavier than scheduled for stiffer angles.

R. Pack and caulk around ductwork passing through walls and floors where required to prevent sound transmission using fiberglass packing and metal collar.
   1. Connect to walls with galvanized angles anchored to wall and construction. Seal angles using approved sealant compound.

S. Seal ductwork connections to exterior wall louvers using waterproof silicone or polyurethane sealant.
   1. Bottom of ductwork shall be sloped up minimum of 30 degrees toward inside of building to control entry of water.

T. Clean interior of ductwork, leaving it free of loose material and construction debris.

U. Where water piping is installed over electrical switchgear, provide .015, #302, 18-8 stainless steel or 20 oz. copper pans with soldered joints and approved drains to suitably protect switchgear.

V. Sheet metal elbows and fittings shall be constructed to comply with the following:
   1. Curved elbows shall have a radius not less than 150 percent of duct width to the centerline of the duct (R/D = 1.5).
   2. Where R/D ratio is less than 1.5, use hollow vane (air foil) vanes or turn blades.
   3. Elbows and other fittings shall be constructed the same as required for straight runs of ductwork. Round elbows shall be crimped and beaded on the downstream end. Square elbows must have turning vanes.
   4. When air foil vanes are used in elbows, elbows may have square throat and heel or radius heel and radius throat.

W. Provide, where denoted on Drawings and in square elbows of low pressure ducts, air turning vanes designed to carry the air around the 90 degree bend without eddying or pressure fluctuations in the turn. Vanes shall be formed blade type and of standard catalog product of reputable manufacturer. Manufacturer of air turns shall recommend the number and size of blades. Air turns shall be the complete unit type installed along the diagonals of each square elbow.
   1. Refer to specification section 23 3300 for additional requirements.
   2. Vanes shall be constructed and installed to limit pressure loss to not more than 20 percent of the velocity pressure.

X. At exterior wall louvers, seal duct to louver frame and install blank-out panels. Slope bottom of ductwork down to louver to allow rain, snow, etc. to run out of ductwork.

Y. Install suspension system in accordance with manufacturer's requirements. Installation instructions shall be provided with fabric duct system by unit manufacturer.

Z. All sheetmetal ductwork in areas with exposed ductwork shall have paint grip type construction. All ductwork to be painted shall have the exterior wiped down after installation with proper cleaning solution to remove any oils, grease, etc. that would prohibit paint from sticking to ductwork. Painting of ductwork shall be by General Contractor. Color shall be per room finish selection schedule by architect.

3.02 TESTING AND REPAIR

A. Ductwork shall be sealed and leak tested as required by ASHRAE Standard 90.1.

B. Upon completion of each respective ductwork system, but prior to insulating, covering, or backfilling, each system shall be thoroughly cleaned to remove construction dirt and foreign matter.

C. Test Ductwork as Specified Herein

1. No ductwork work shall be concealed or covered until it has been inspected and approved by the project inspector, who shall be notified when the Work is ready for inspection. Work shall be completely installed and tested as required by this Contract and Ordinances of the local Municipality and shall be leaktight to the satisfaction of those making the inspection and the Architect/ Engineer.
2. In general, pressure tests shall be applied to ductwork. In no case shall piping be subject to pressure exceeding its rating. Defective work shall be promptly repaired or replaced and test shall be repeated until the particular system and component parts thereof receive approval of the Architect/Engineer.
3. Provide temporary equipment for testing, including blower and gauges. Test ductwork system before insulation is installed and remove control devices before testing. Test each natural section of each ductwork system independently, but do not use ductwork dampers to isolate sections where test pressure exceeds damper pressure rating.
4. Repair ductwork system sections which fail required ductwork test by disassembly and reinstallation, using new materials to extent required to overcome leakage. Do not use chemicals, stopleak compounds, mastics, or other temporary repair methods.
5. Pressure for Testing of Ductwork Systems shall be as follows:
    a. High and Medium Pressure Ductwork (above 2 inch static pressure w.g.)
        1) Ductwork Systems include: VAV systems upstream of terminal boxes.
        2) Ductwork systems shall be sealed to SMACNA Seal Class B.
        3) Ductwork systems shall be tested for leakage in accordance with SMACNA leakage class 12 for rectangular ductwork and leakage class 6 for round ductwork.
        4) Leakage test procedures shall follow the outlines and classifications in the SMACNA HVAC Duct Leakage Test Manual.
        5) If the tested ductwork fails to meet allotted leakage level, the contractor shall modify to bring it into compliance and shall retest it until acceptable leakage is demonstrated.
        6) Testing apparatus shall be a high pressure air source consisting of a portable rotary blower having an inlet damper, and flow measuring device consisting of straightening vanes and an orifice plate installed in a straight tube having properly located pressure taps. Pressure and assembly shall have its own calibrated capacity curve. Pressure and flow reading shall be taken by using "U-tube" manometers.
    b. Low Pressure Ductwork (2 inch static pressure and below w.g.)
        1) Ductwork Systems include: Constant Volume Systems, Ductwork downstream of terminal air devices, exhaust ducts.
        2) Ductwork systems shall be sealed to SMACNA Seal Class C.
        3) Ductwork systems shall be tested for leakage in accordance with SMACNA leakage class 24 for rectangular ductwork and leakage class 12 for round ductwork.
        4) Leakage test procedures shall follow the outlines and classifications in the SMACNA HVAC Duct Leakage Test Manual.
        5) If the tested ductwork fails to meet allotted leakage level, the contractor shall modify to bring it into compliance and shall retest it until acceptable leakage is demonstrated.
        6) Testing apparatus shall be a high pressure air source consisting of a portable rotary blower having an inlet damper, and flow measuring device consisting of straightening vanes and an orifice plate installed in a straight tube having properly located pressure taps. Pressure and assembly shall have its own

calibrated capacity curve. Pressure and flow reading shall be taken by using "U-tube" manometers.

6. Accurately record and report methods of testing, times, and dates of test, witnesses to the test, and the results of the test. Test reports shall be neatly typewritten on standard 8-1/2 inch by 11 inch sheets and submitted in 5 copies to Architect/Engineer for approval within 5 days after test has been performed.

D. Damage resulting from tests shall be repaired or damaged materials replaced, to satisfaction of Architect/Engineer, and at no cost to Owner.

3.03 CLEANING

A. Clean duct system and force air at high velocity through duct to remove accumulated dust. To obtain sufficient air, clean half the system at a time. Protect equipment that could be harmed by excessive dirt with temporary filters, or bypass during cleaning.

B. Temporary Closure: At ends of ducts which are not connected to equipment or distribution devices at time of ductwork installation, cover with polyethylene film or other covering which will keep the system clean until installation is completed.

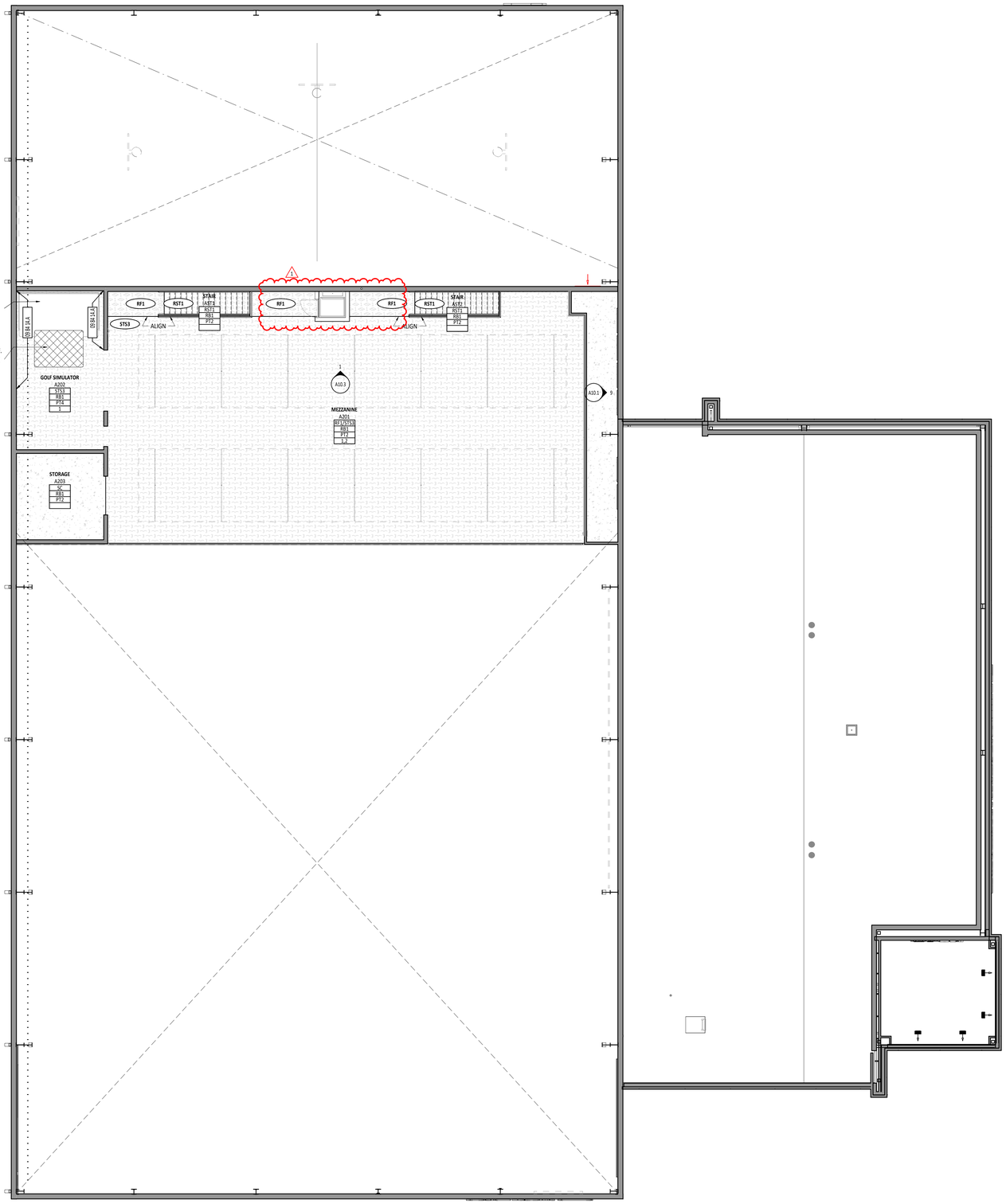
C. Fabric Duct Cleaning and Protection:
   1. Clean air handling unit and ductwork prior to the DuctSox system unit-by-unit as it is installed. Clean external surfaces of foreign substance which may cause corrosive deterioration of facing.
   2. Temporary Closure: At ends of ducts which are not connected to equipment or distribution devices at time of ductwork installation, cover with polyethylene film or other covering which will keep the system clean until installation is completed.
   3. If fabric duct systems become soiled during installation, they should be removed and cleaned following the manufacturers standard terms of laundry.

3.04 SCHEDULES

A. Ductwork Material:
   1. Low Pressure Supply (Heating Systems): Galvanized Steel.
   2. Low Pressure Supply (Cooling System): Galvanized Steel.
   3. Return and Relief: Galvanized Steel.
   4. General Exhaust: Galvanized Steel.
   5. Shower/Locker room: Aluminum
   6. Outside Air Intake: Galvanized Steel.
   7. Gymnasium/Multipurpose Room Supply: Fabric Duct.

END OF SECTION 23 31 00

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1 A9.2 **SECOND FLOOR FINISH PLAN - UNIT A**
1/8" = 1'-0"

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FLOOR FINISH MATERIAL LEGEND

WALK-OFF CARPET 1	WCT1	SEALED CONCRETE	SC
RESILIENT STAIR TREAD 1	RST1	RUBBER ATHLETIC FLOORING 1	RA1
ROLLED RUBBER FLOORING 1	RR1	RUBBER ATHLETIC FLOORING 2	RA2
ROLLED RUBBER FLOORING 2	RR2	SPORTS TURF SURFACE 1	STS1
ROLLED RUBBER FLOORING 3	RR3	SPORTS TURF SURFACE 2	STS2
RUBBER FLOORING 1	RF1	SPORTS TURF SURFACE 3	STS3

SECOND FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
A201	MEZZANINE		3,072 SF	61
A202	GOLF SIMULATOR		373 SF	7
A203	STORAGE		202 SF	1

FLOOR FINISHES GENERAL NOTES

A FLOORING TRANSITIONS AND SEAMS AT DOOR SHALL OCCUR DIRECTLY UNDER THE CENTERLINE OF CLOSED DOOR UNLESS NOTED OTHERWISE.
B FLOORING TRANSITIONS ARE TO BE EASED TO ACHIEVE A SMOOTH AND UNIFORM TRANSITION.
C TRANSITION STRIPS ARE REQUIRED IN ALL INSTANCES WHERE A FLOOR MATERIAL TRANSITION OCCURS. REFER TO TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
D FLOOR FINISHES SHALL EXTEND UNDER BUILT-IN COUNTER AND EQUIPMENT.
E REFERENCE THE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, AND COLOR SELECTIONS.
F REFERENCE INTERIOR ELEVATIONS, WHERE PROVIDED, FOR ADDITIONAL INFORMATION.
G ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
H REFERENCE FINISH FLOOR MATERIAL LEGEND FOR SPECIFIC FLOORING MATERIAL AND COLOR.
I REFER TO DIRECTIONAL ARROW ON FINISH FLOOR PLANS WHERE PROVIDED FOR FLOORING INSTALLATION INSTRUCTIONS
J REFERENCE SHEETS A9.0 FOR INTERIOR FINISH ALTERATES.
K WALL SUPPLY REGISTERS/GRILLES TO BE FIELD PAINTED TO MATCH ADJACENT WALL COLOR. REFERENCE SECTION 23 37 00 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
L OUTER CORNERS AND EXPOSED EDGES OF WALL TILE TO HAVE TILE FINISHING TRIM - REFERENCE TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
M EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE
N ALL INTERIOR WALL FINISH TRANSITIONS SHOULD OCCUR AT AN INSIDE CORNER, IF A MATERIAL OR COLOR CHANGE OCCURS AT AN OUTSIDE CORNER, CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
O PRIOR TO FLOORING INSTALLATION. VERIFY SUBFLOOR CONDINTIONS MEET MANUFACTURER'S STANDARD REQUIREMENTS.

#	KEYNOTE DESCRIPTION
09 84 14.A	Acoustic wall panel, awp3 from finished floor up to 8'-0" a.F.F.

FINISH TAG LEGEND

A1XX – ROOM NUMBER
FLOOR FINISH – RF1
BASE FINISH – RB1
WALL FINISH – PT1
FINISH REMARK* – 2

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

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

INTERIOR FINISH REMARKS

1. MULTIPLE WALL FINISHES IN THIS ROOM. REFER TO INFORMATION NOTED ON FINISH PLANS AND INTERIOR ELEVATIONS.
2. MULTIPLE FLOOR FINISHES IN THIS ROOM. REFER TO NOTED INFORMATION ON FINISH PLANS.
3. INTEGRAL COVE BASE IN THIS ROOM. REFER TO TYPICAL DETAIL ON SHEET A9.0A.
4. PROVIDE EPOXY FLOORING IN THIS ROOM AS AN ALTERNATE.
5. PAINT STRIPING PATTERN IN THIS ROOM, U.N.O. PT1 FROM FINISHED FLOOR UP TO 2'-0" AFF, PT5 FROM 2'-0" TO 4'-0", PT1 FROM 4'-0" TO 6'-0", PT5 FROM 6'-0" TO 8'-0", PT1 ABOVE. REFERENCE A10 SHEETS FOR ADDITIONAL INFORMATION.
6. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. PT2 FROM FINISHED FLOOR UP TO 9'-3" AFF, PT4 ABOVE.
7. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. EPT2 FROM FINISHED FLOOR UP TO 8'-0" AFF, EPT4 ABOVE. REFERENCE ELEVATION 2/A10.3
8. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. PT2 FROM FINISHED FLOOR UP TO 9'-4" AFF, PT4 FROM 9'-4" TO 10'-0, PT2 ABOVE. REFERENCE A10 SHEETS FOR ADDITIONAL INFORMATION.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

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

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NEW BUILDING FOR
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ISSUANCES/REVISIONS

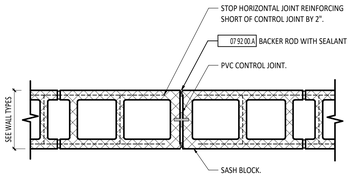
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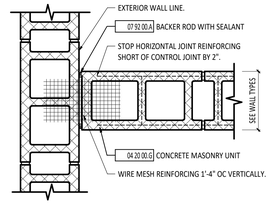
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SECOND FLOOR FINISHES PLAN

SHEET NUMBER:
A9.2

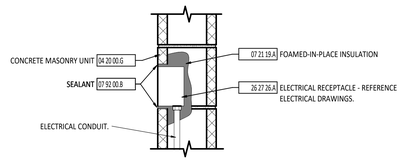
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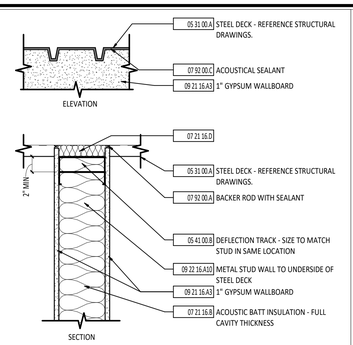
1 A0.3 — TYPICAL CONTROL JOINT
1 1/2" = 1'-0"

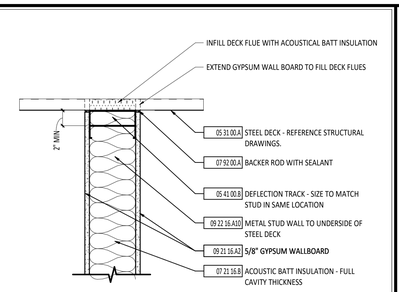


2 A0.3 — CONTROL JOINT - INTERIOR WALL TO EXTERIOR WALL
1 1/2" = 1'-0"

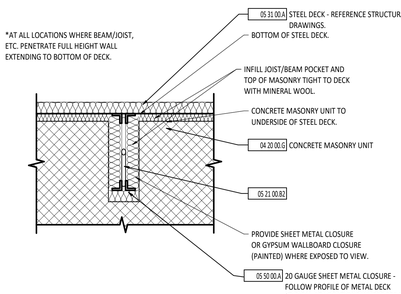


3 A0.3 — ELECTRICAL WALL PENETRATION
1 1/2" = 1'-0"

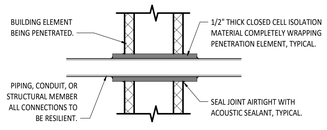




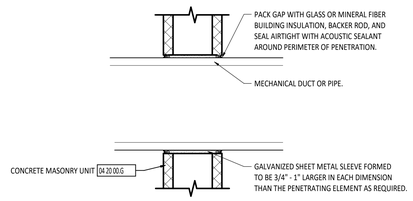
5 A0.3 — WALL TERMINATION - ACOUSTIC
1 1/2" = 1'-0"



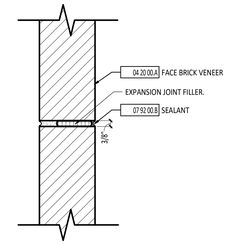
6 A0.3 — WALL TERMINATION - INTERIOR JOIST POCKET
1 1/2" = 1'-0"



7 A0.3 — PIPE WALL PENETRATION
1 1/2" = 1'-0"



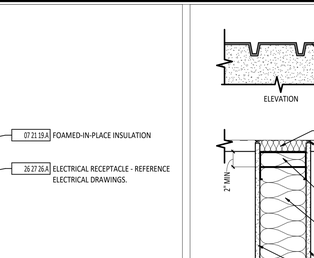
8 A0.3 — MECHANICAL WALL PENETRATION
1 1/2" = 1'-0"



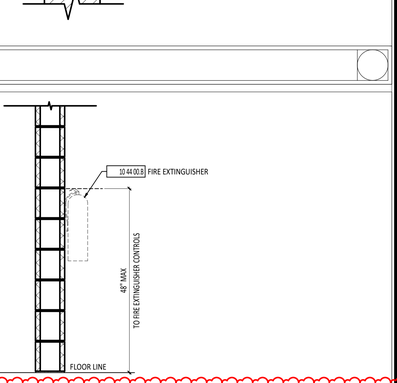
9 A0.3 — BRICK EXPANSION JOINT
3" = 1'-0"

10 A0.3 — TYPICAL CONTROL JOINT PLACEMENT AT METAL STUD/GYPSUM OPENINGS
3/4" = 1'-0"

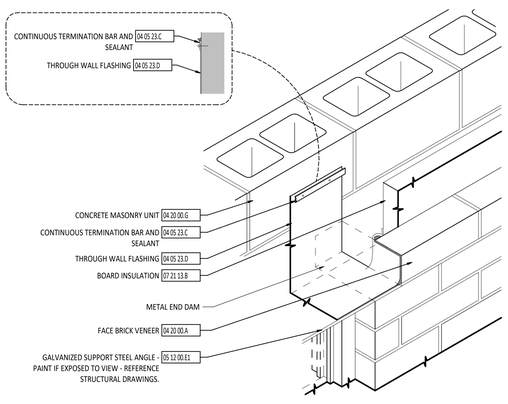
11 A0.3 — TYPICAL CONTROL JOINT PLACEMENT AT MASONRY OPENINGS
3/4" = 1'-0"



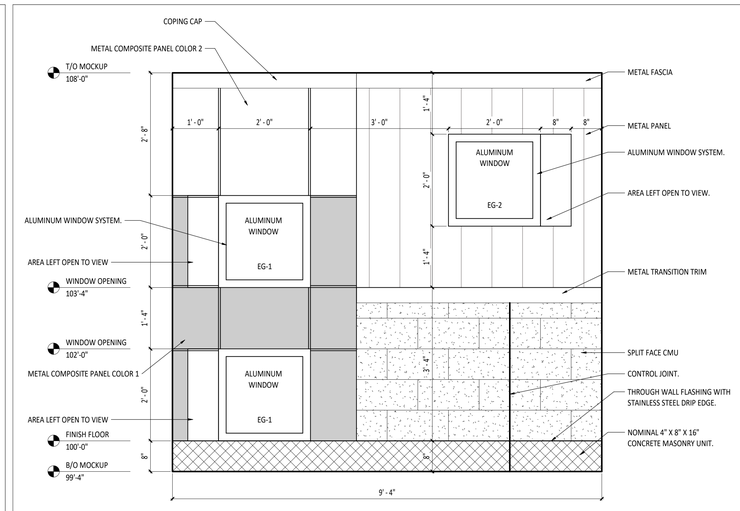
12 A0.3 — FULLY/SEMI-RECESSED FIRE EXTINGUISHER CABINET
3/4" = 1'-0"



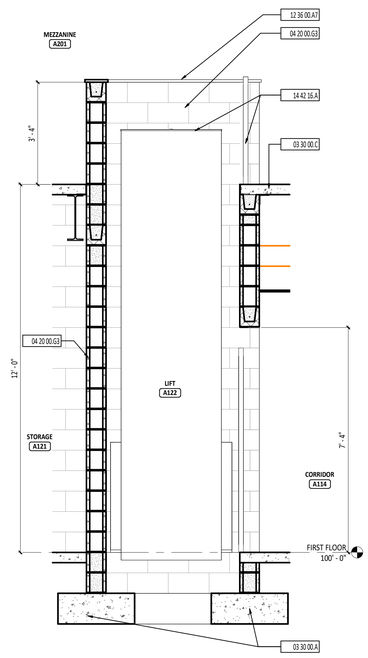
13 A0.3 — SURFACE MOUNT FIRE EXTINGUISHER
3/4" = 1'-0"



20 A0.3 — END DAM FLASHING DETAIL AT OPENINGS
1 1/2" = 1'-0"



14 A0.3 — MASONRY MOCK-UP ELEVATION
3/4" = 1'-0"



15 A0.3 — LIFT SECTION
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
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
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 02	12/19/2025
2	ADDENDUM 04	01/05/2026

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

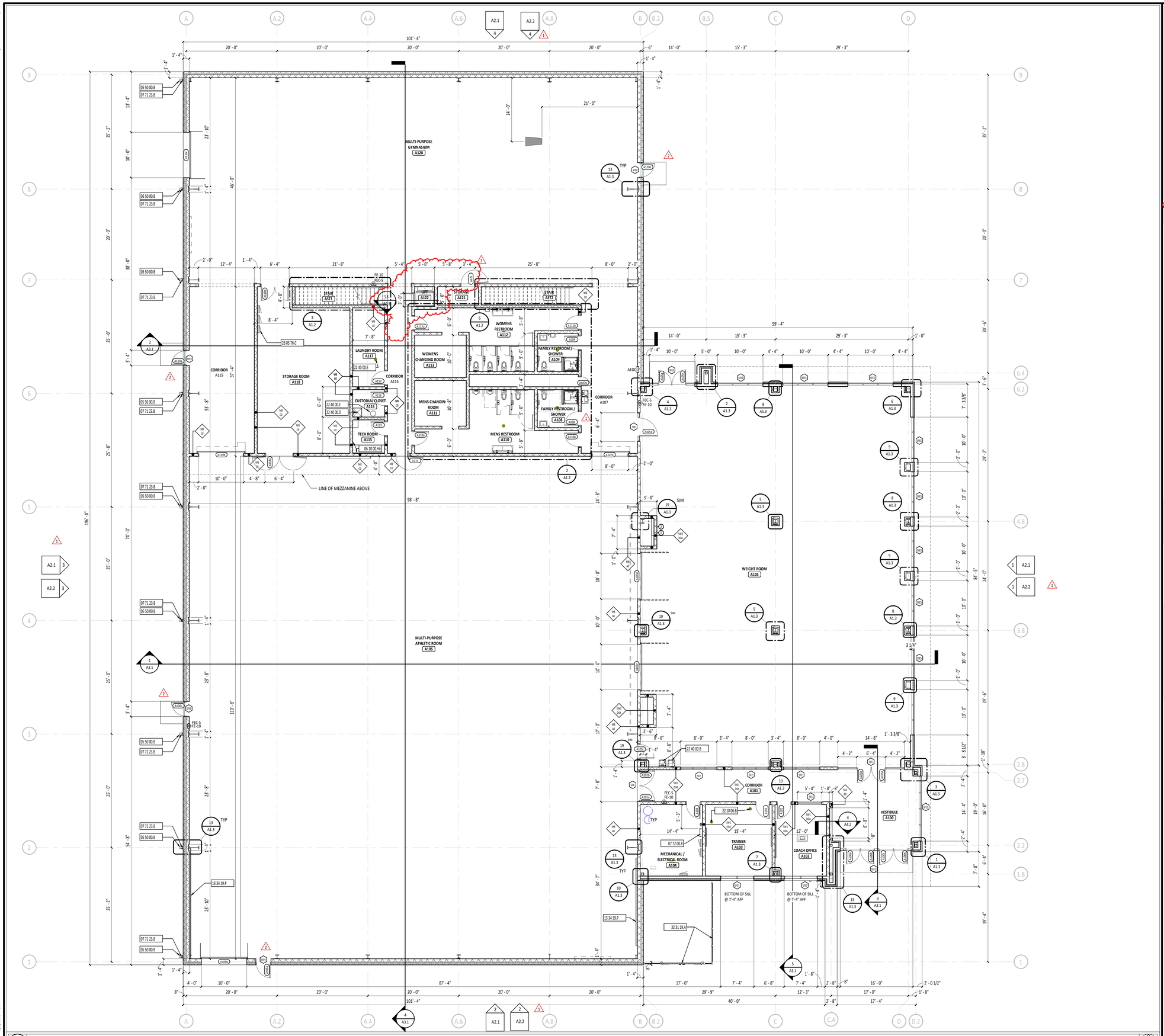
SHEET TITLE:

TYPICAL DETAILS

SHEET NUMBER:

A0.3

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1 A1.1 **FIRST FLOOR PLAN - UNIT A**
1/8" = 1'-0"

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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	

FLOOR PLAN SYMBOLS LEGEND

- AED — AUTOMATED EXTERNAL DEFIBRILLATOR DESIGNATION
- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- FE-_ — FIRE EXTINGUISHER DESIGNATION - REFERENCE SPECIFICATIONS
- FEC-_ — FIRE EXTINGUISHER CABINET DESIGNATION - REFERENCE SPECIFICATIONS
- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- XX — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- XX / XXX — WALL TYPE DESIGNATION - REFERENCE WALL TYPES.
- X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- XX XX XX.X.X — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - KEYNOTE DESIGNATION
  - SPECIFICATION SECTION
- CALLOUT — DETAIL NUMBER / SHEET NUMBER
- EXTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER
- INTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER
- SECTION — DETAIL NUMBER / SHEET NUMBER

FIRE EXTINGUISHER / CABINET SCHEDULE

MARK	DESCRIPTION	NOTES
FE-10	FIRE EXTINGUISHER - 10.0LB - CLASS A:B:C	1
FEC-R	FULLY RECESSED FIRE EXTINGUISHER CABINET	1
FEC-S	SEMI-RECESSED FIRE EXTINGUISHER CABINET	1

FIRE EXTINGUISHER / CABINET NOTES:
1. FURNISHED AND INSTALLED BY GC

#	KEYNOTE DESCRIPTION
05 50 00.B	PRIME PAINTED CAST IRON DOWNSPOUT BOOT - PAINT TO MATCH DOWNSPOUT.
06 10 00.H6	3/4" FIRE-RETARDANT PLYWOOD - 4'-0" x 8'-0" MOUNTED 8" AFF - PAINT.
07 71 23.B	PREFINISHED METAL DOWNSPOUT
07 72 00.B	ROOF HATCH
13 34 19.P	CROSS BRACING BY P.E.M.B. MANUFACTURER
22 10 06.B	FLOOR DRAIN - REFERENCE PLUMBING DRAWINGS.
22 40 00.B	DRINKING WATER COOLER - REFERENCE PLUMBING DRAWINGS - REFERENCE A0.2 FOR MOUNTING HEIGHTS.
22 40 00.D	FLOOR SERVICE SINK - REFERENCE PLUMBING DRAWINGS.
22 40 00.E	FLOOR DRAIN - REFERENCE PLUMBING DRAWINGS.
26 05 76.C	ELECTRICAL EQUIPMENT - REFERENCE ELECTRICAL DRAWINGS.
32 31 19.A	DECORATIVE METAL FENCE AND GATE - REFERENCE SITE DRAWINGS.

STATE OF OHIO
MATTHEW R. HIBNER
#1416052
REGISTERED ARCHITECT

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

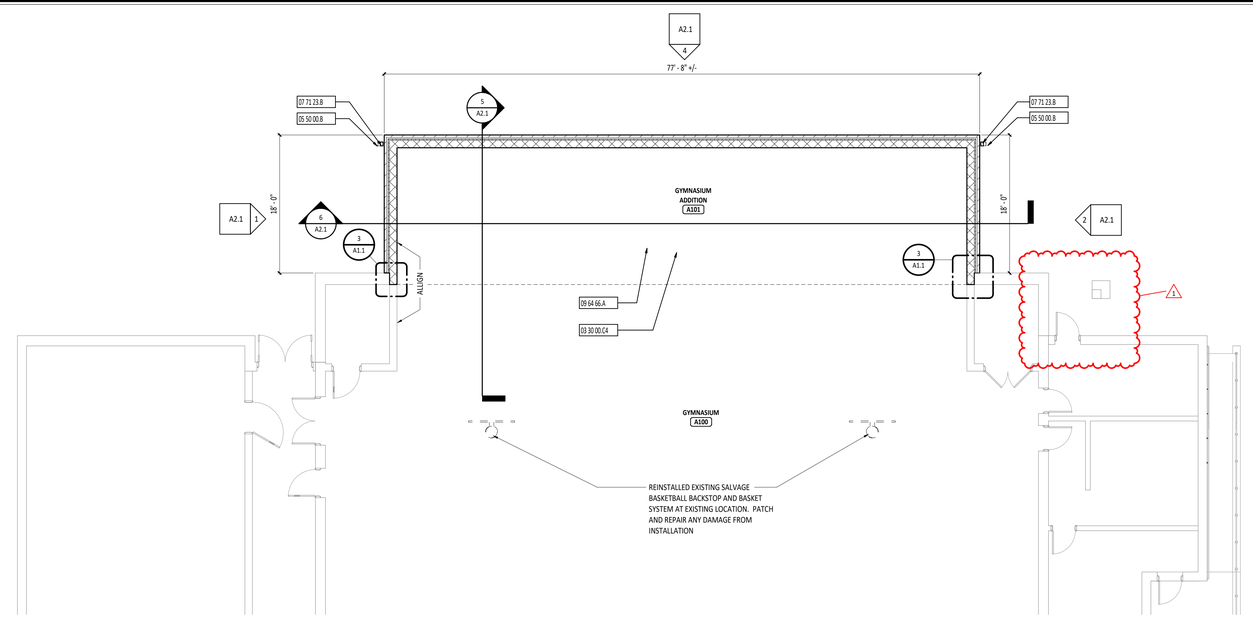
ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 02	12/15/2025
2	ADDENDUM 03	12/30/2025
3	ADDENDUM 04	01/05/2026

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

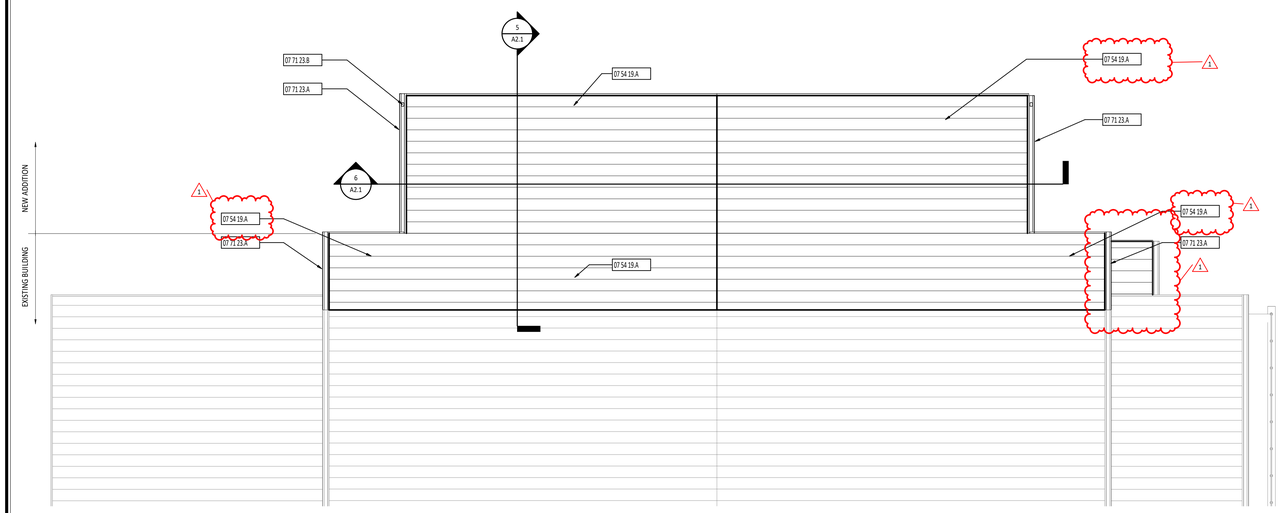
SHEET TITLE:
FIRST FLOOR PLAN

SHEET NUMBER:
A1.1

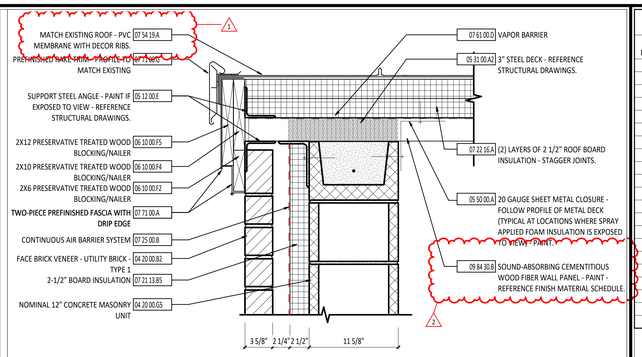
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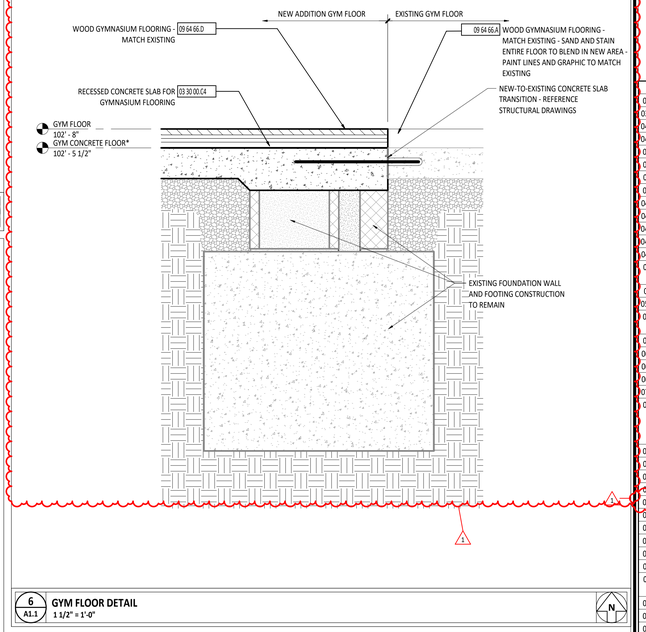
1 A1.1 FIRST FLOOR PLAN
1/8" = 1'-0"



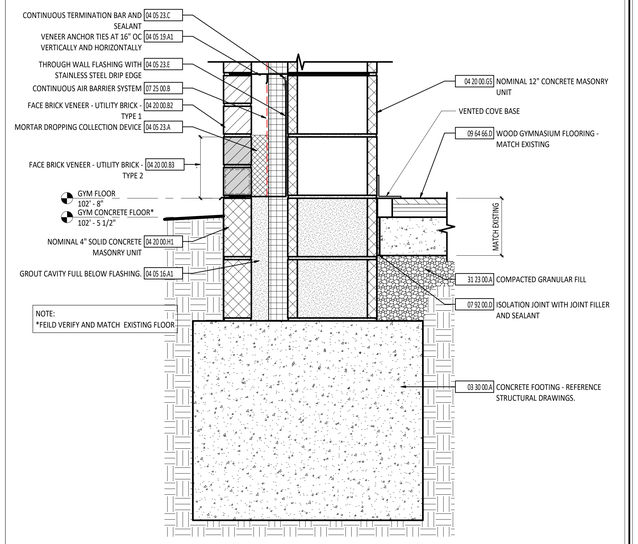
2 A1.1 ROOF PLAN
1/8" = 1'-0"



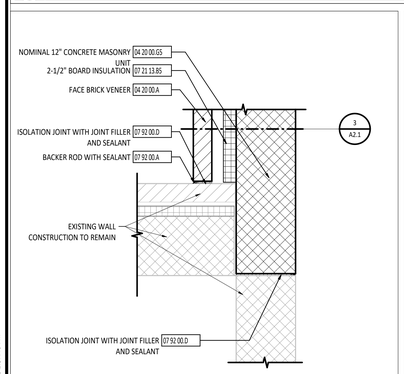
5 A1.1 RAKE DETAIL
1 1/2" = 1'-0"



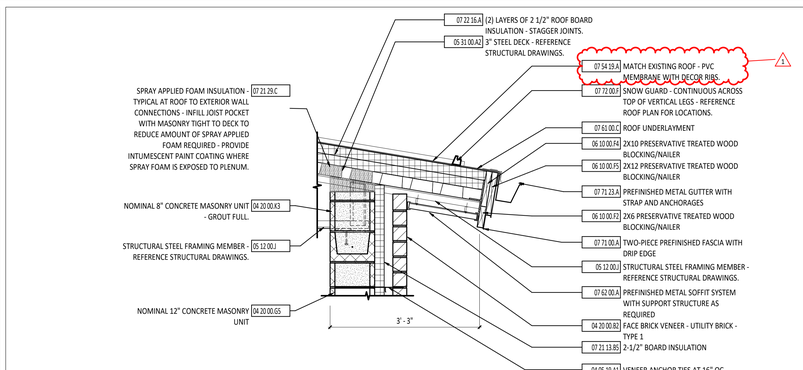
6 A1.1 GYM FLOOR DETAIL
1 1/2" = 1'-0"



7 A1.1 FOUNDATION DETAIL
1 1/2" = 1'-0"



3 A1.1 ENLARGED PLAN DETAIL
1" = 1'-0"



4 A1.1 EAVE DETAIL WITH SOFFIT
3/4" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
144	TLT		43 SF	
145	TLT		74 SF	
147	CLINIC		179 SF	1
150	IP		130 SF	1
151	VAULT		66 SF	0
152	PRINC		156 SF	1
153	CONFERENCE		238 SF	2
155	VEST		174 SF	
156	CONF.		173 SF	1
157	WKRM		238 SF	2
158	READ/CIRC.		1,650 SF	82
159	COMPUTER LAB		1,024 SF	51
169	TLT		40 SF	
171	DRY FOOD STOR.		189 SF	1
177	WARE WASHING		218 SF	1
178	DIET. OFF		69 SF	0
179	L/R		102 SF	
197	ELECTRICAL		180 SF	1
198	BOILER		356 SF	1
A100	GYMNASIUM		6,691 SF	
A101	GYMNASIUM ADDITION		1,336 SF	

FLOOR PLAN SYMBOLS LEGEND

A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.

EXTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER

SECTION — DETAIL NUMBER / SHEET NUMBER

#	KEYNOTE DESCRIPTION
03 30 00.A	CONCRETE FOOTING - REFERENCE STRUCTURAL DRAWINGS.
03 30 00.C4	RECESSED CONCRETE SLAB FOR GYMNASIUM FLOORING
04 05 16.A1	GROUT CAVITY FULL BELOW FLASHING.
04 05 19.A1	VENEER ANCHOR TIES AT 16" OC VERTICALLY AND HORIZONTALLY
04 05 23.A	MORTAR DROPPING COLLECTION DEVICE
04 05 23.C	CONTINUOUS TERMINATION BAR AND SEALANT
04 05 23.E	THROUGH WALL FLASHING WITH STAINLESS STEEL DRIP EDGE
04 20 00.A	FACE BRICK VENEER
04 20 00.B2	FACE BRICK VENEER - UTILITY BRICK - TYPE 1
04 20 00.B3	FACE BRICK VENEER - UTILITY BRICK - TYPE 2
04 20 00.G5	NOMINAL 12" CONCRETE MASONRY UNIT
04 20 00.H1	NOMINAL 4" SOLID CONCRETE MASONRY UNIT
04 20 00.K3	NOMINAL 8" CONCRETE MASONRY UNIT - GROUT FULL.
05 12 00.E	SUPPORT STEEL ANGLE - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
05 31 00.A2	3" STEEL DECK - REFERENCE STRUCTURAL DRAWINGS.
05 50 00.A	20 GAUGE SHEET METAL CLOSURE - FOLLOW PROFILE OF METAL DECK (TYPICAL AT LOCATIONS WHERE SPRAY APPLIED FOAM INSULATION IS EXPOSED TO VIEW) - PAINT.
05 50 00.B	PRIME PAINTED CAST IRON DOWNSPOUT BOOT - PAINT TO MATCH DOWNSPOUT.
06 10 00.F2	2X6 PRESERVATIVE TREATED WOOD BLOCKING/NAILER
06 10 00.F4	2X10 PRESERVATIVE TREATED WOOD BLOCKING/NAILER
06 10 00.F5	2X12 PRESERVATIVE TREATED WOOD BLOCKING/NAILER
07 21 13.B5	2-1/2" BOARD INSULATION
07 21 29.C	SPRAY APPLIED FOAM INSULATION - TYPICAL AT ROOF TO EXTERIOR WALL CONNECTIONS - INFILL JOIST POCKET WITH MASONRY TIGHT TO DECK TO REDUCE AMOUNT OF SPRAY APPLIED FOAM REQUIRED - PROVIDE INTUMESCENT PAINT COATING WHERE SPRAY FOAM IS EXPOSED TO PLENUM.
07 22 16.A	(2) LAYERS OF 2 1/2" ROOF BOARD INSULATION - STAGGER JOINTS.
07 25 00.B	CONTINUOUS AIR BARRIER SYSTEM
07 54 19.A	MATCH EXISTING ROOF - PVC MEMBRANE WITH DECOR RIBS.
07 61 00.D	ROOF UNDERLAYMENT
07 61 00.D	VAPOR BARRIER
07 62 00.A	PREFINISHED METAL SOFFIT SYSTEM WITH SUPPORT STRUCTURE AS REQUIRED
07 71 00.A	TWO-PIECE PREFINISHED FASCIA WITH DRIP EDGE
07 71 00.G	PREFINISHED RAKE TRIM - PROFILE TO MATCH EXISTING
07 71 23.A	PREFINISHED METAL GUTTER WITH STRAP AND ANCHORAGES
07 71 23.B	PREFINISHED METAL DOWNSPOUT
07 72 00.F	SNOW GUARD - CONTINUOUS ACROSS TOP OF VERTICAL LEGS - REFERENCE ROOF PLAN FOR LOCATIONS.
07 92 00.A	BACKER ROD WITH SEALANT
07 92 00.D	ISOLATION JOINT WITH JOINT FILLER AND SEALANT
09 64 66.A	WOOD GYMNASIUM FLOORING - MATCH EXISTING - SAND AND STAIN ENTIRE FLOOR TO BLEND IN NEW AREA - PAINT LINES AND GRAPHIC TO MATCH EXISTING
09 64 66.D	WOOD GYMNASIUM FLOORING - MATCH EXISTING
09 84 30.B	SOUND-ABSORBING CEMENTITIOUS WOOD FIBER WALL PANEL - PAINT - REFERENCE FINISH MATERIAL SCHEDULE.
31 23 00.A	COMPACTED GRANULAR FILL

STATE OF OHIO
MATTHEW R. HIBNER
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BUILDING ADDITION

FT LORAMIE ELEMENTARY SCHOOL RENOVATION

575 GREENBACK RD. FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 02	12/19/2025
2	ADDENDUM 04	01/05/2026

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

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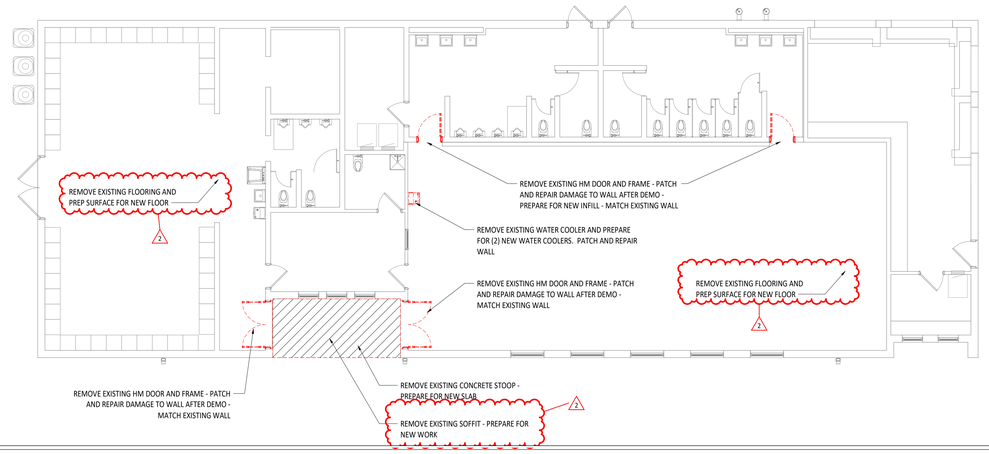
FIRST FLOOR PLAN

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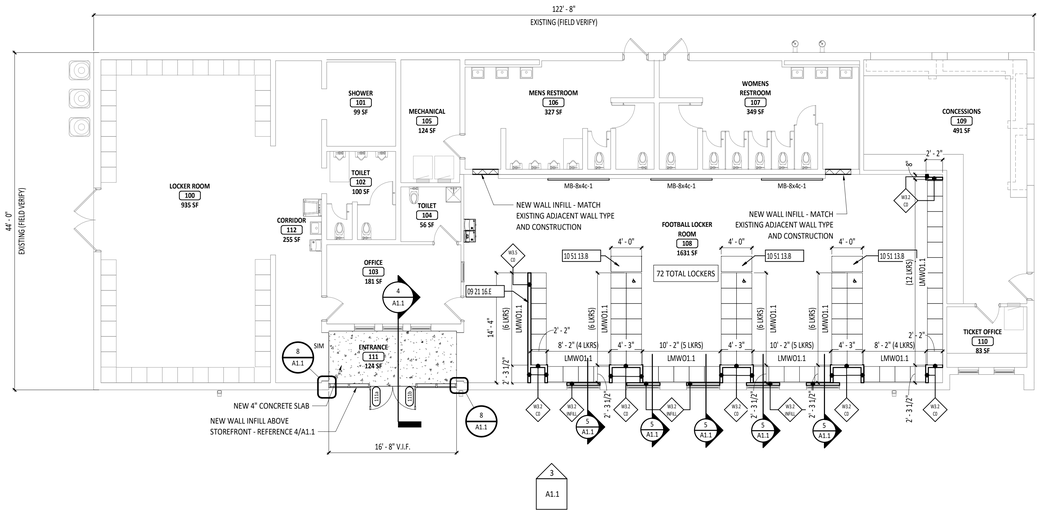
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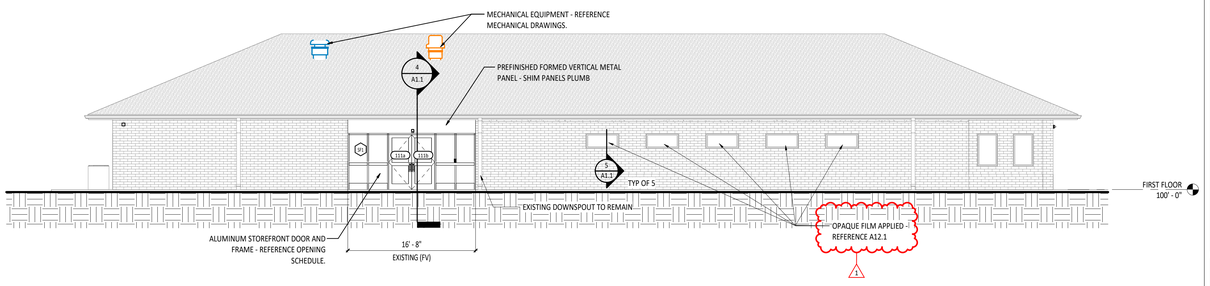
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1 A1.1 DEMOLITION FLOOR PLAN
1/8" = 1'-0"



2 A1.1 FIRST FLOOR PLAN
1/8" = 1'-0"



3 A1.1 EAST BUILDING ELEVATION
1/8" = 1'-0"

DOOR/OPENING SCHEDULE

	DOOR						FRAME										
										DETAIL NUMBER							
NUMBER	SIZE	THK	MATL	TYPE	GLASS	DEPTH	MATL	TYPE	GLASS	HEAD	JAMB	SILL	HARDWARE SET	ROOM KEY SIDE	FUNCTION	LABEL (MIN)	NOTES
111a	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG4	4 1/2"	AL	SF1	EG4	-	-	-	2.0	-	Interior	-	
111b	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG4	4 1/2"	AL	SF1	EG4	-	-	-	3.0	-	Interior	-	

METAL LOCKER SCHEDULE

MARK	DESCRIPTION	NOTES
LMWO 1.1	METAL LOCKER - WELDED - OPEN (NO DOOR) - 24IN WIDE x 24IN DEEP x 72IN HIGH STADIUM LOCKER WITH FOOTLOCKER	

FLOOR PLAN SYMBOLS LEGEND

A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.

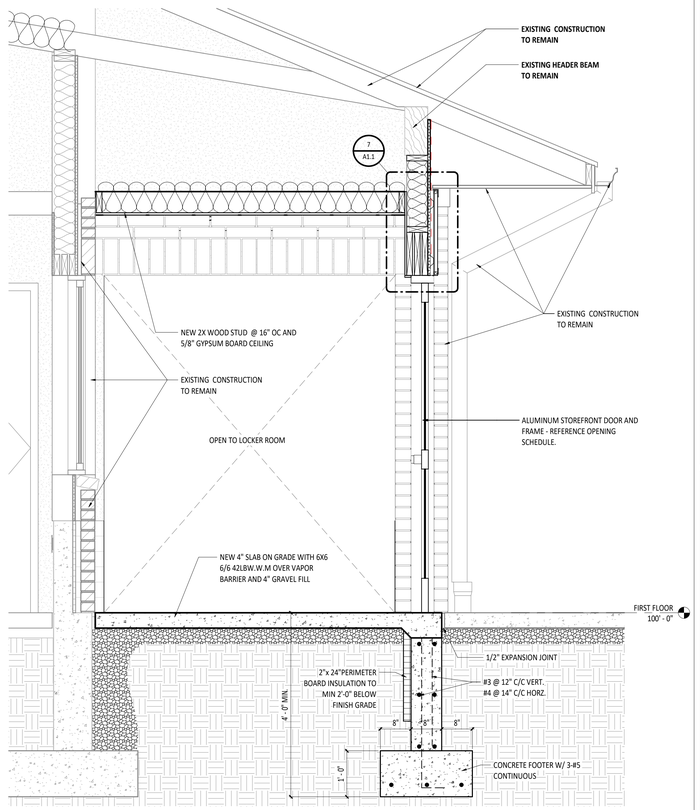
X / XX.X / X — EXTERIOR ELEVATION — DETAIL NUMBER — SHEET NUMBER

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

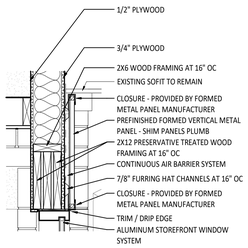
WALL TYPE INFORMATION

16A / B1X

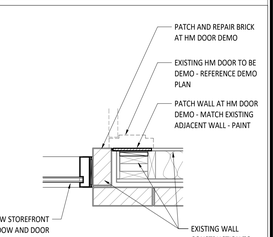
- WALL TYPE SYMBOL
- WALL TYPE (REFERENCE PLAN AND TYPE DETAILS)
- ADDITIONAL INFORMATION; SEE BELOW
- FIRE/SMOKE RATING: 0,1,2,3, OR S (SMOKE)
- WALL HEIGHT; REFERENCE WALL TYPE DETAILS



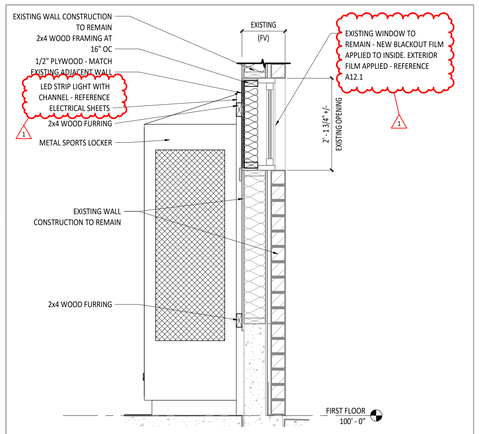
4 A1.1 WALL SECTION
3/4" = 1'-0"



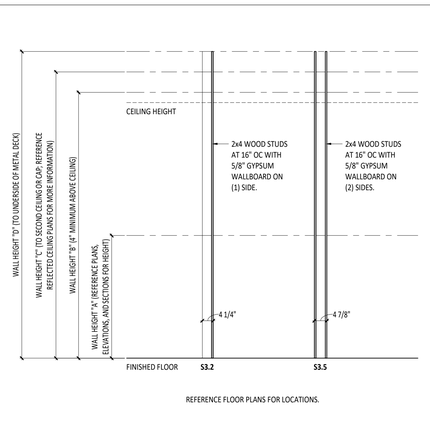
7 A1.1 WALL SECTION
1" = 1'-0"



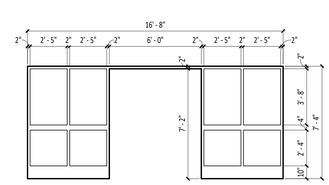
8 A1.1 JAMB DETAIL - EXTERIOR
1" = 1'-0"



5 A1.1 WALL SECTION
3/4" = 1'-0"

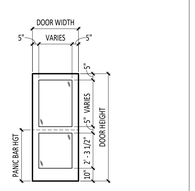


6 A1.1 STUD WALL TYPES (S)
1/2" = 1'-0"



SF1

9 A1.1 HOLLOW METAL DOOR FRAME TYPES
1/4" = 1'-0"



FG2.1
ALUMINUM

10 A1.1 DOOR TYPES
1/4" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
100	LOCKER ROOM	935 SF
101	SHOWER	99 SF
102	TOILET	100 SF
103	OFFICE	181 SF
104	TOILET	56 SF
105	MECHANICAL	124 SF
106	MENS RESTROOM	327 SF
107	WOMENS RESTROOM	349 SF
108	FOOTBALL LOCKER ROOM	1,631 SF
109	CONCESSIONS	491 SF
110	TICKET OFFICE	83 SF
111	ENTRANCE	124 SF
112	CORRIDOR	255 SF

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

GARMANN MILLER
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BUILDING RENOVATION FOR

FORT LORAMIE LOCAL SCHOOLS
LOCKER ROOM BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 02	12/19/2025
2	ADDENDUM 04	01/05/2026

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

SHEET TITLE:

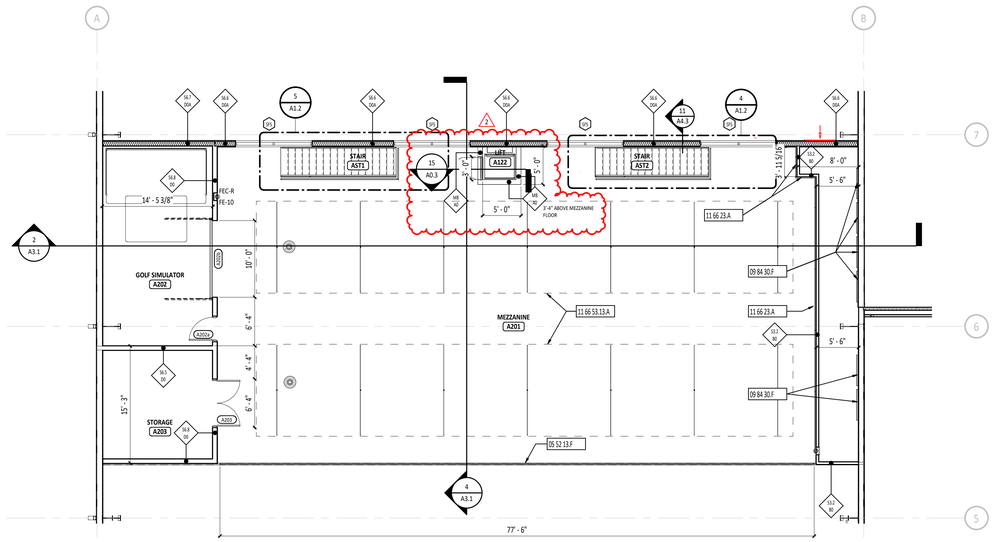
DEMO PLAN / FLOOR PLAN / DETAILS / DOOR SCHEDULE

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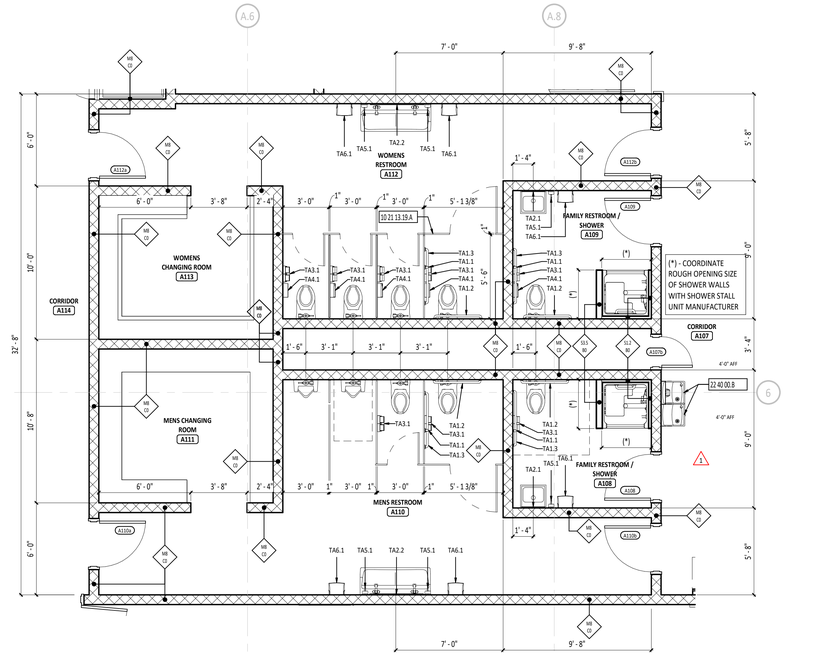
A1.1

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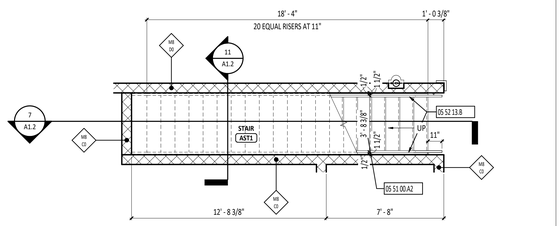
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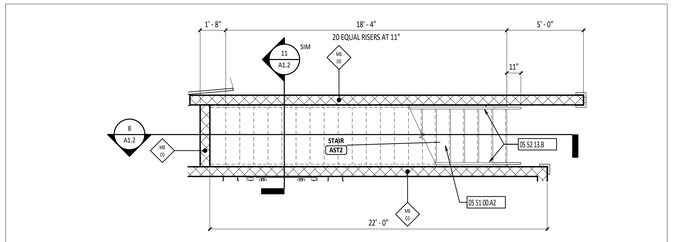
1 / A1.2 MEZZANINE FLOOR PLAN
1/8" = 1'-0"



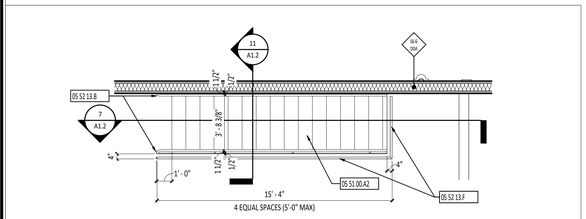
2 / A1.2 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



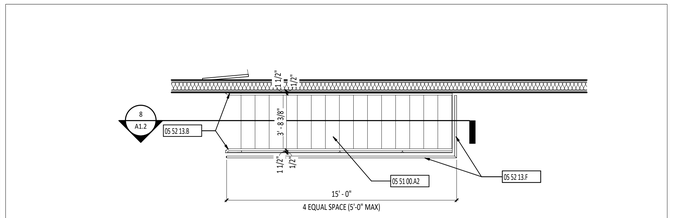
3 / A1.2 ENLARGED STAIR PLAN - AST1
1/4" = 1'-0"



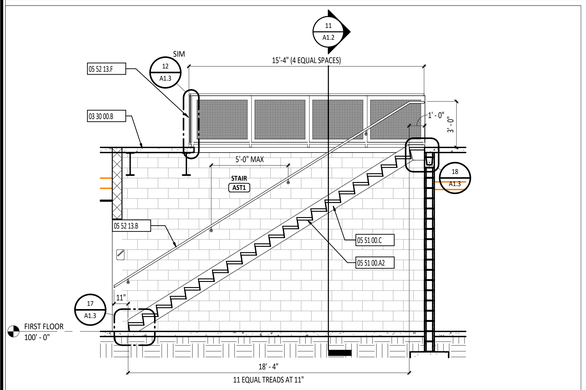
6 / A1.2 ENLARGED STAIR PLAN - AST2
1/4" = 1'-0"



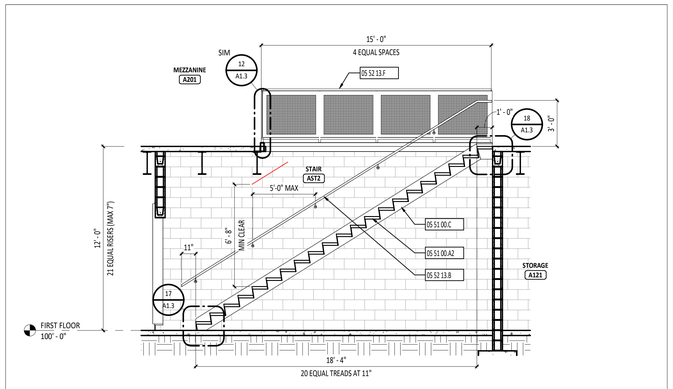
5 / A1.2 ENLARGED STAIR PLAN - AST1
1/4" = 1'-0"



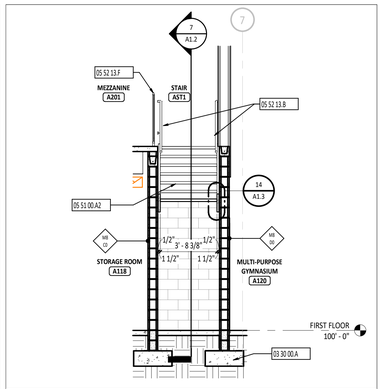
4 / A1.2 ENLARGED STAIR PLAN - AST2
1/4" = 1'-0"



7 / A1.2 ENLARGED STAIR SECTION - AST2
1/4" = 1'-0"



8 / A1.2 ENLARGED STAIR SECTION - AST1
1/4" = 1'-0"



11 / A1.2 ENLARGED STAIR SECTION - AST2
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	
AS1	STAIR	82 SF	
AS2	STAIR	89 SF	

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	NOTES
TA1.1	GRAB BAR - SURFACE MOUNT - VERTICAL - 18" LENGTH - 39" AFF TO BOTTOM OF THE BAR	2
TA1.2	GRAB BAR - SURFACE MOUNT - HORIZONTAL - 36" LENGTH - 36" AFF TO TOP OF THE GRIPPING SURFACE	2
TA1.3	GRAB BAR - SURFACE MOUNT - HORIZONTAL - 42" LENGTH - 36" AFF TO TOP OF THE GRIPPING SURFACE	2
TA2.1	MIRROR - SURFACE MOUNT - 18" X 36" - 40" AFF TO BOTTOM EDGE	2
TA2.2	MIRROR - SURFACE MOUNT - 42" x 36" - 36" AFF TO BOTTOM EDGE	2
TA3.1	TOILET PAPER DISPENSER - SURFACE MOUNT - 18" AFF TO BOTTOM	1
TA4.1	SANITARY NAPKIN DISPOSAL - SURFACE MOUNT - 30" AFF TO TOP	2
TA5.1	SOAP DISPENSER - SURFACE MOUNT - 40" AFF TO OPERATION	1
TA6.1	PAPER TOWEL DISPENSER - SURFACE MOUNT - ROLL TOWELS - 40" AFF TO OPERATION	1

TOILET ACCESSORY SCHEDULE NOTES:
1. PROVIDED BY OWNER AND INSTALLED BY OWNER - SHOWN FOR LOCATION ONLY
2. PROVIDED AND INSTALLED BY GENERAL CONTRACTOR

FLOOR PLAN SYMBOLS LEGEND

- AED — AUTOMATED EXTERNAL DEFIBRILLATOR DESIGNATION
- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- FE-_ — FIRE EXTINGUISHER DESIGNATION - REFERENCE SPECIFICATIONS
- FEC-_ — FIRE EXTINGUISHER CABINET DESIGNATION - REFERENCE SPECIFICATIONS
- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- W1 — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- W - EXT - WALL TYPE DESIGNATION - REFERENCE WALL TYPES.
- X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- XX XX XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. (KEYNOTE DESIGNATION / SPECIFICATION SECTION)
- AREA OF DETAIL — SIM — CALLOUT — DETAIL NUMBER / SHEET NUMBER
- EXTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER
- INTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER
- SECTION — DETAIL NUMBER / SHEET NUMBER

FIRE EXTINGUISHER / CABINET SCHEDULE

MARK	DESCRIPTION	NOTES
FE-10	FIRE EXTINGUISHER - 10.0LB - CLASS A:B:C	1
FEC-R	FULLY RECESSED FIRE EXTINGUISHER CABINET	1
FEC-S	SEMI-RECESSED FIRE EXTINGUISHER CABINET	1

FIRE EXTINGUISHER / CABINET NOTES:
1. FURNISHED AND INSTALLED BY GC

#	KEYNOTE DESCRIPTION
03 30 00.A	CONCRETE FOOTING - REFERENCE STRUCTURAL DRAWINGS.
03 30 00.B	CONCRETE SLAB ON METAL DECK - REFERENCE STRUCTURAL DRAWINGS.
05 51 00.A2	CONCRETE FILLED METAL PAN STAIR WITH RUBBER TREAD AND INTEGRATED RISER - PAINT ALL EXPOSED SURFACES.
05 51 00.C	STAIR STRINGER - PAINT EXPOSED FACES.
05 52 13.B	1 1/4" ID (1.66 OD) STEEL PIPE HANDRAIL WITH SUPPORT BRACKET - PAINT.
05 52 13.F	FIXED PIPE RAILING WITH WIRE MESH METAL SCREEN - PAINT.
09 84 30.F	SOUND-ABSORBING WALL UNIT - REFERENCE FINISH MATERIAL SCHEDULE.
10 21 13.19.A	PLASTIC TOILET COMPARTMENT
11 66 23.A	GYMNASIUM EQUIPMENT - REFERENCE ATHLETIC EQUIPMENT SCHEDULE.
11 66 53.13.A	BATTING CAGE
22 40 00.B	DRINKING WATER COOLER - REFERENCE PLUMBING DRAWINGS - REFERENCE A0.2 FOR MOUNTING HEIGHTS.

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

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

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 02	12/19/2025
2	ADDENDUM 04	01/05/2026

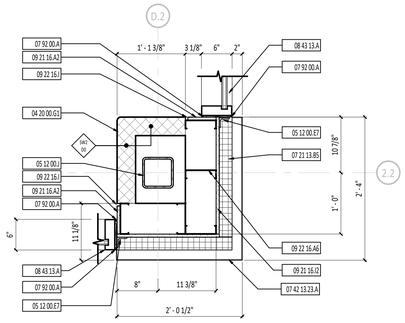
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25041.00	MDB	JCR

SHEET TITLE:
MEZZANINE AND ENLARGED RESTROOM PLANS

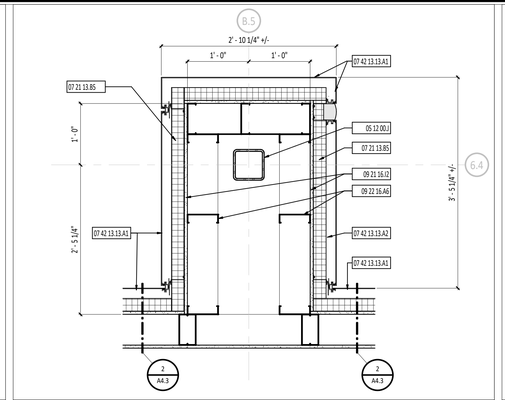
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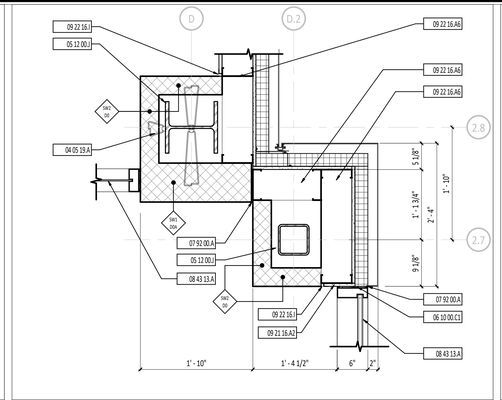
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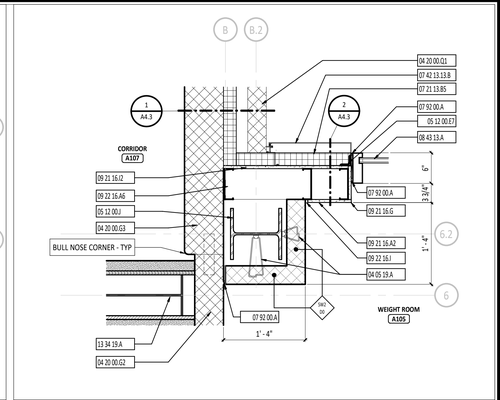
1 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"



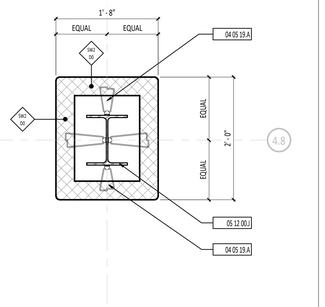
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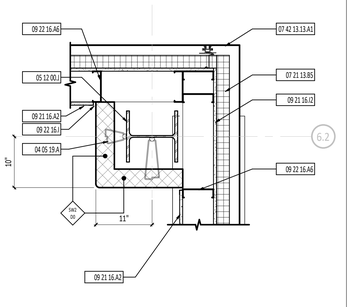
3 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"



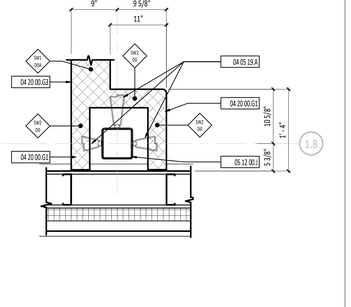
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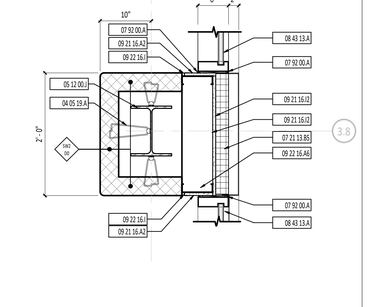
5 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"



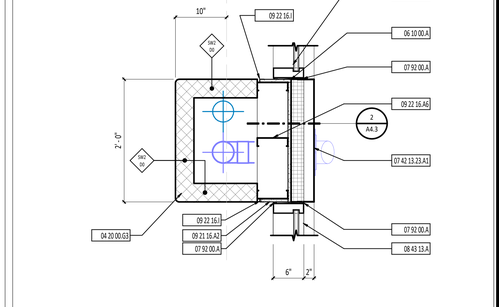
6 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"



7 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"

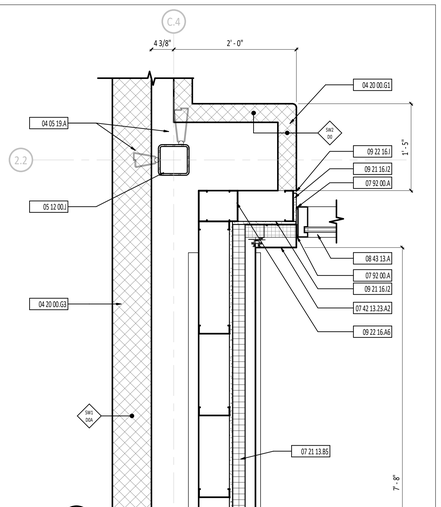


8 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"

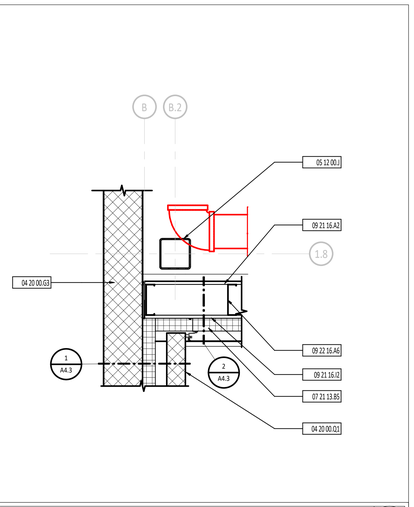


9 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"

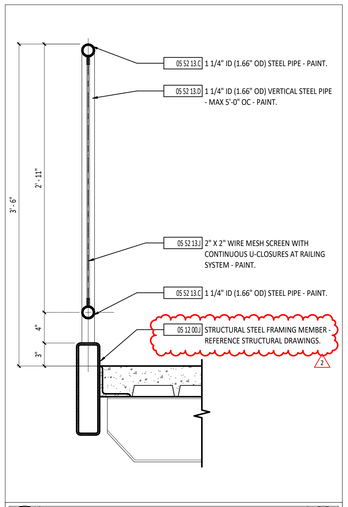
#	KEYNOTE DESCRIPTION
03 30 00.B	CONCRETE SLAB ON METAL DECK - REFERENCE STRUCTURAL DRAWINGS.
03 30 00.C	CONCRETE SLAB - REFERENCE STRUCTURAL DRAWINGS.
04 05 19.A	VENEER ANCHOR TIES
04 05 19.B	HORIZONTAL JOINT REINFORCING AT 16" OC
04 05 23.I	CONTROL JOINT
04 20 00.G	CONCRETE MASONRY UNIT
04 20 00.G1	NOMINAL 4" CONCRETE MASONRY UNIT
04 20 00.G2	NOMINAL 6" CONCRETE MASONRY UNIT
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
04 20 00.Q1	NOMINAL 4" x 8" x 16" SPLIT-FACED CONCRETE MASONRY UNIT
05 12 00.E	SUPPORT STEEL ANGLE - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
05 12 00.E7	L2" X 2" X 1/4" GALVANIZED SUPPORT STEEL ANGLE - SUPPORT WITH 1/4" DIA. ANCHOR BOLTS EVERY 24" OC
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
05 51 00.A	CONCRETE FILLED METAL PAN STAIR
05 51 00.A2	CONCRETE FILLED METAL PAN STAIR WITH RUBBER TREAD AND INTEGRATED RISER - PAINT ALL EXPOSED SURFACES.
05 51 00.C	STAIR STRINGER - PAINT EXPOSED FACES.
05 51 00.C1	MC12X10.6 CHANNEL STAIR STRINGER - PAIN.
05 51 00.E1	1"X3"X1/4" CLIP ANGLE AT EACH STRINGER 0 WELD TO STRINGER AND BOLT TO CONCRETE FLOOR WITH (2) 3/8" DIAMETER EXPANSION BOLTS.
05 51 00.E2	1 1/4"X1 1/4"X1/8" ANGLE SUPPORT - PAINT.
05 52 13.B	1 1/4" ID (1.66 OD) STEEL PIPE HANDRAIL WITH SUPPORT BRACKET - PAINT.
05 52 13.C	1 1/4" ID (1.66" OD) STEEL PIPE - PAINT.
05 52 13.D	1 1/4" ID (1.66" OD) VERTICAL STEEL PIPE - MAX 5'-0" OC - PAINT.
05 52 13.J	2" X 2" WIRE MESH SCREEN WITH CONTINUOUS U-CLOSURES AT RAILING SYSTEM - PAINT.
05 52 13.K	1 1/4" ID (1.66" OD) VERTICAL STEEL PIPE - MAX 5'-0" OC - SLEEVE POST INTO CORED CONCRETE SLAB - PAINT.
06 10 00.A	WOOD SHIM
06 10 00.C1	PRESERVATIVE TREATED WOOD SHIM - FOAMED-IN-PLACE INSULATION BETWEEN SHIMS
07 21 13.B5	2-1/2" BOARD INSULATION
07 42 13.13.A1	PREFINISHED FORMED HORIZONTAL METAL PANEL - SHIM PANELS PLUMB - COLOR 1
07 42 13.13.A2	PREFINISHED FORMED HORIZONTAL METAL PANEL - SHIM PANELS PLUMB - COLOR 2
07 42 13.13.B	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB
07 42 13.23.A	METAL COMPOSITE MATERIAL WALL PANEL
07 42 13.23.A1	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 1
07 42 13.23.A2	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 2
07 92 00.A	BACKER ROD WITH SEALANT
07 92 00.B	SEALANT
08 43 13.A	ALUMINUM STOREFRONT WINDOW SYSTEM
09 21 16.A2	5/8" GYPSUM WALLBOARD
09 21 16.G	METAL CORNER BEAD (TYPICAL AT ALL CORNERS)
09 21 16.I2	5/8" EXTERIOR GYPSUM SHEATHING BOARD
09 22 16.A6	6" METAL STUDS AT 16" OC
09 22 16.I	GYPSUM WALL BOARD FRY REGLET
09 65 13.D	RESILIENT TRANSITION STRIP RTS7- REFERENCE FINISH MATERIAL SCHEDULE.
11 66 23.A	GYMNASIUM EQUIPMENT - REFERENCE ATHLETIC EQUIPMENT SCHEDULE.
13 34 19.A	PRE-ENGINEERED METAL BUILDING SYSTEM



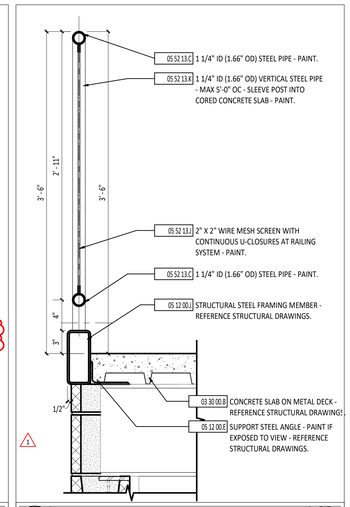
15 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"



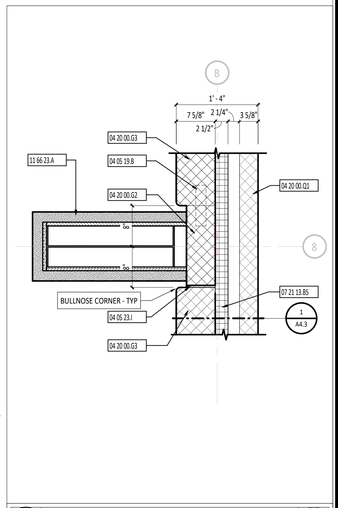
10 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"



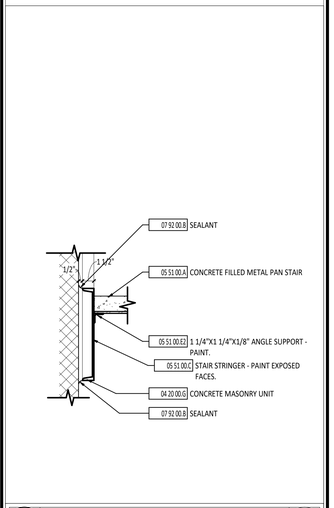
11 **GUARDRAIL DETAIL** (A1.3) 1 1/2" = 1'-0"



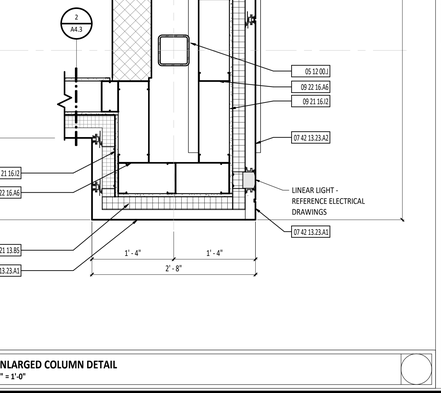
12 **GUARDRAIL DETAIL** (A1.3) 1 1/2" = 1'-0"



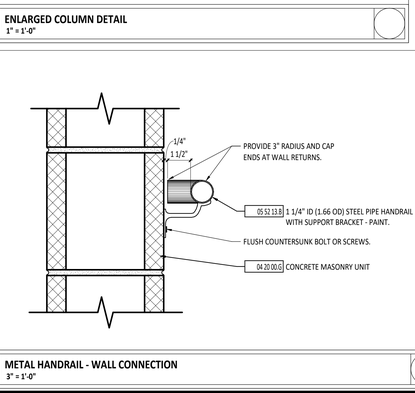
13 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"



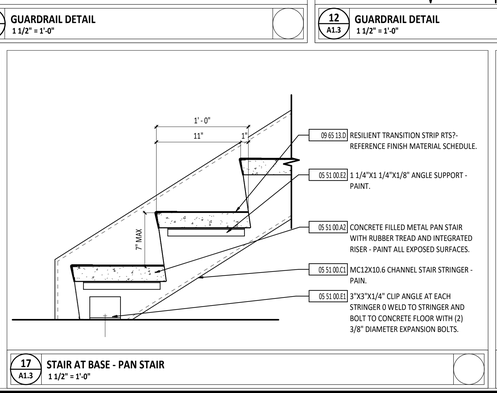
14 **STRINGER DETAIL - PAN TREAD** (A1.3) 1 1/2" = 1'-0"



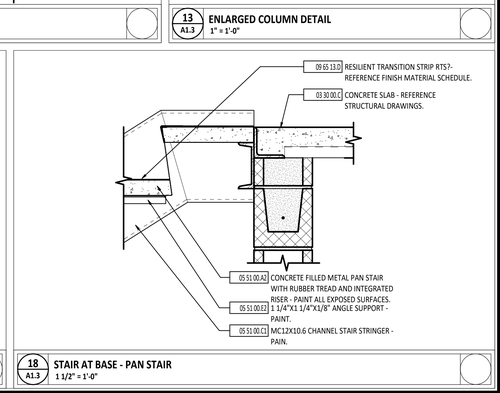
15 **ENLARGED COLUMN DETAIL** (A1.3) 1" = 1'-0"



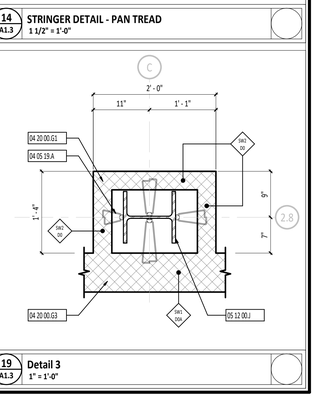
16 **METAL HANDRAIL - WALL CONNECTION** (A1.3) 3" = 1'-0"



17 **STAIR AT BASE - PAN STAIR** 1 1/2" = 1'-0"



18 **STAIR AT BASE - PAN STAIR** 1 1/2" = 1'-0"



19 **Detail 3** (A1.3) 1" = 1'-0"

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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 02	12/19/2025
2	ADDENDUM 04	01/05/2026

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

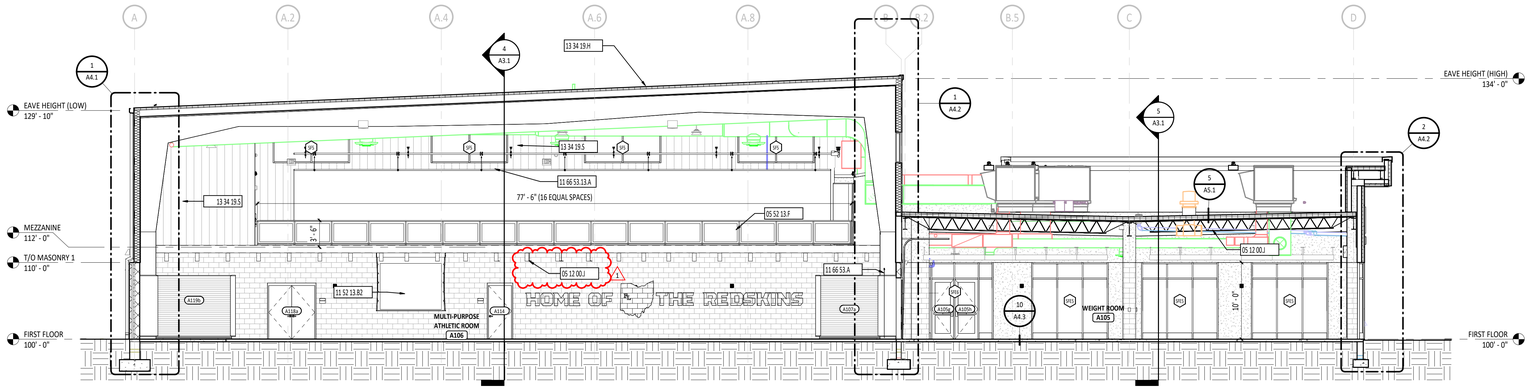
SHEET TITLE:

ENLARGED COLUMN, PLAN AND STAIR DETAILS

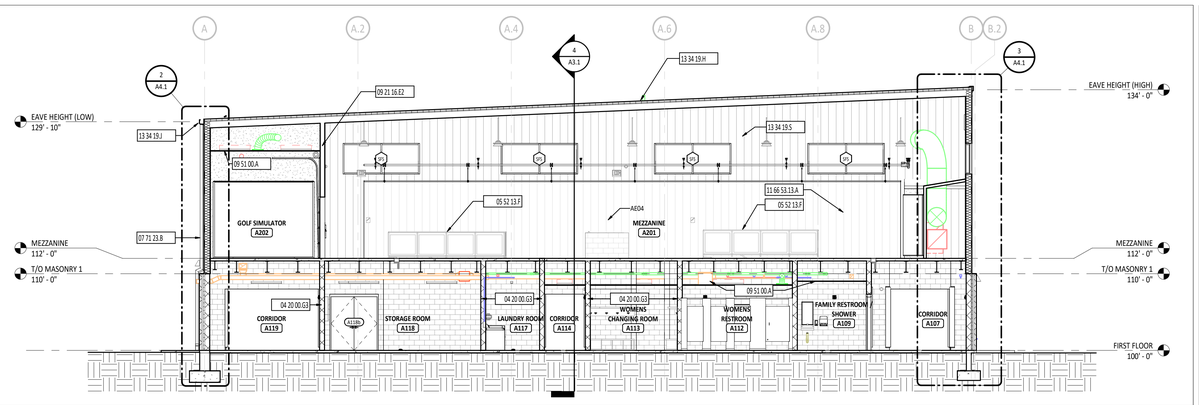
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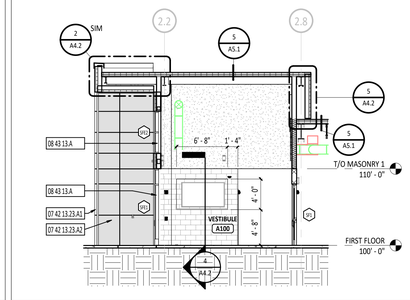
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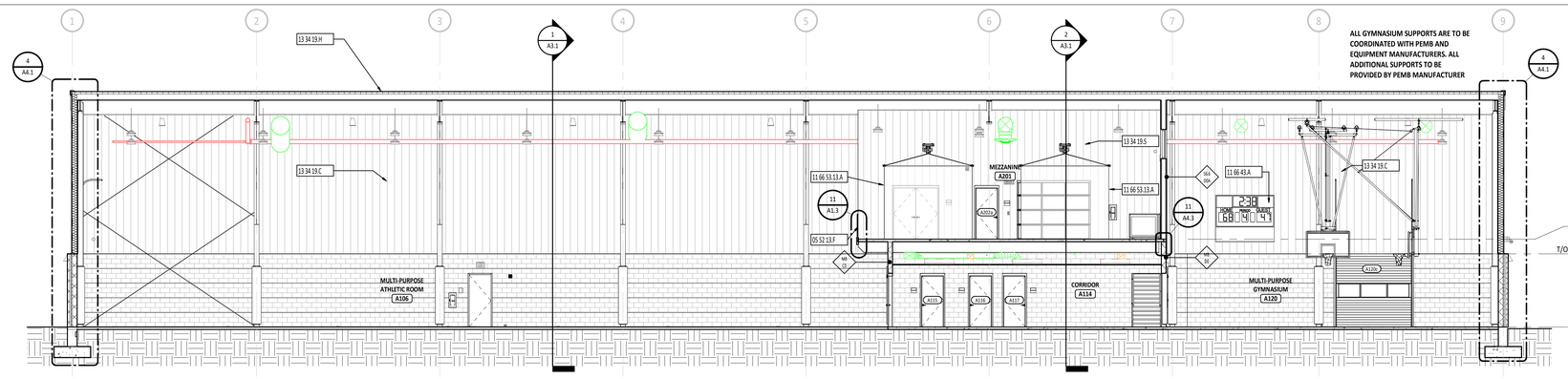
1 A3.1 BUILDING SECTION
1/8" = 1'-0"



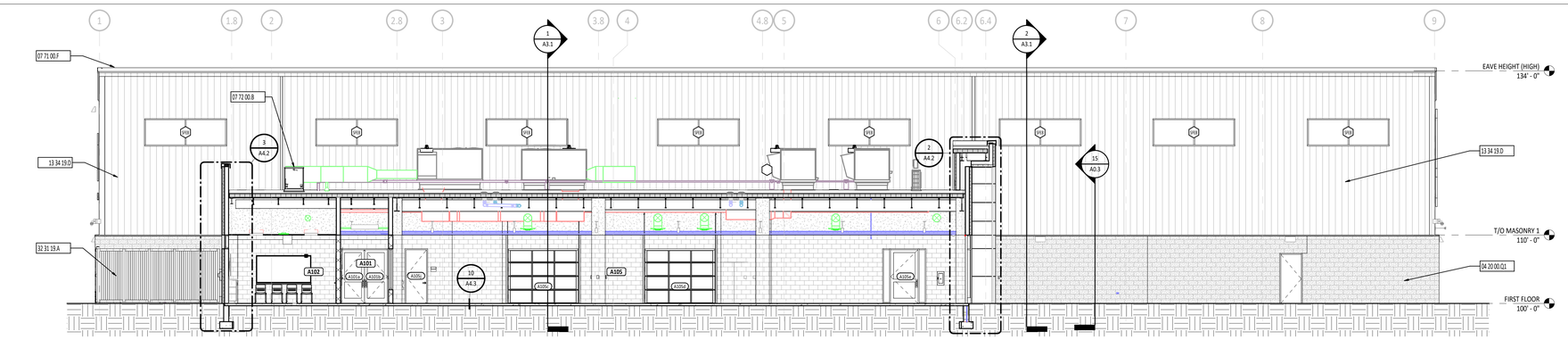
2 A3.1 BUILDING SECTION
1/8" = 1'-0"



3 A3.1 BUILDING SECTION
1/8" = 1'-0"



4 A3.1 BUILDING SECTION
1/8" = 1'-0"



5 A3.1 BUILDING SECTION
1/8" = 1'-0"

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BUILDING SECTION SYMBOLS LEGEND

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

#	KEYNOTE DESCRIPTION
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
04 20 00.Q1	NOMINAL 4" x 8" x 16" SPLIT-FACED CONCRETE MASONRY UNIT
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
05 52 13.F	FIXED PIPE RAILING WITH WIRE MESH METAL SCREEN - PAINT.
07 42 13.23.A1	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 1
07 42 13.23.A2	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 2
07 71 00.F	PREFINISHED ALUMINUM ARCHITECTURAL FASCIA
07 71 23.B	PREFINISHED METAL DOWNSPOUT
07 72 00.B	ROOF HATCH
08 43 13.A	ALUMINUM STOREFRONT WINDOW SYSTEM
09 21 16.E2	5/8" IMPACT-RESISTANT GYPSUM WALLBOARD
09 51 00.A	ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
11 52 13.B2	SURFACE MOUNTED MANUAL PROJECTION SCREEN
11 66 43.A	INTERIOR SCOREBOARD
11 66 53.13.A	BATTING CAGE
11 66 53.A	PROTECTIVE NETTING
13 34 19.C	1" PREFINISHED PERFORATED VERTICAL METAL LINER PANEL - PROVIDED BY P.E.M.B. MANUFACTURER.
13 34 19.D	FORMED METAL PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.H	4" INSULATED METAL ROOF PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.J	6" PREFINISHED GUTTER PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.S	1" PREFINISHED SOLID VERTICAL METAL LINER PANEL - PROVIDED BY P.E.M.B. MANUFACTURER.
32 31 19.A	DECORATIVE METAL FENCE AND GATE - REFERENCE SITE DRAWINGS.

STATE OF OHIO
MATTHEW R. HIBNER
#1416052
REGISTERED ARCHITECT

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

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NEW BUILDING FOR

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600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 04	01/05/2026

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

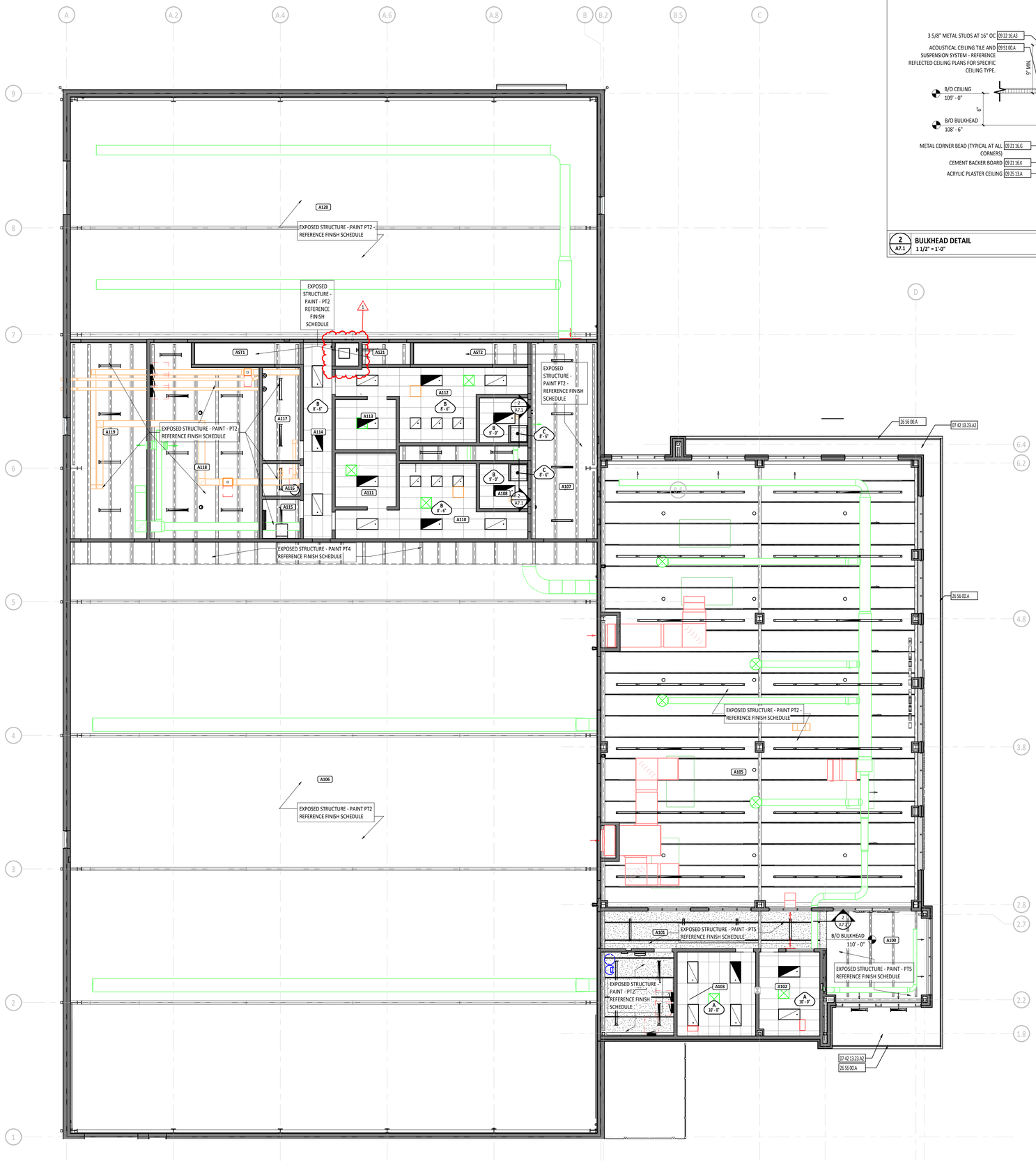
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BUILDING SECTIONS

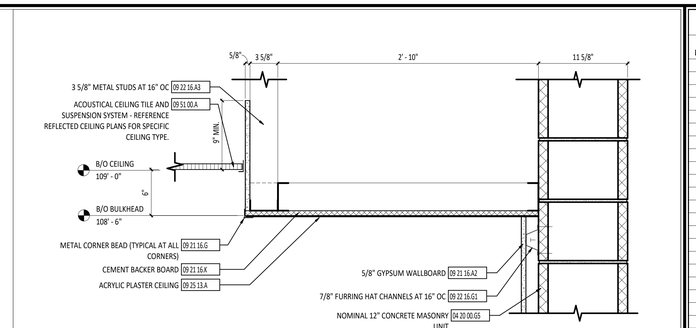
SHEET NUMBER:

A3.1

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1 / A7.1 FIRST FLOOR REFLECTED CEILING PLAN - UNIT A
1/8" = 1'-0"



2 / A7.1 BULKHEAD DETAIL
1 1/2" = 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	

REFLECTED CEILING PLAN GENERAL NOTES

- B ALL CEILINGS ARE TO BE INSTALLED AT 9'-0" AFF, UNLESS NOTED OTHERWISE.
- C USE CEILING TYPE A UNLESS NOTED OTHERWISE.
- D REFERENCE ELECTRICAL, MECHANICAL AND TECHNOLOGY DRAWINGS FOR MORE INFORMATION ON ALL CEILING MOUNTED DEVICES.
- A REFER TO FINISH MATERIAL SCHEDULE ON SHEET A9.0 FOR MANUFACTURER INFORMATION AND MATERIAL SELECTION.
- E EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE
- F TRANSITION TO SQUARE CORNER AT CMU OPENING LOCATIONS WHERE BULKHEAD ALLIGNS WITH WALL

REFLECTED CEILING PLAN SYMBOLS LEGEND

- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- LEVEL ELEVATION — LEVEL LINE
- X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - XX XX XX.XX
  - KEYNOTE DESIGNATION
  - SPECIFICATION SECTION
- CEILING TYPE AND HEIGHT DESIGNATION
  - A — TYPE
  - X'-X" — HEIGHT
- AREA OF DETAIL — SIM — CALLOUT
  - X — DETAIL NUMBER
  - XX.X — SHEET NUMBER
- SIM — SECTION
  - X — DETAIL NUMBER
  - XX.X — SHEET NUMBER

REFLECTED CEILING PLAN MATERIAL PATTERNS LEGEND

- CAP CEILING

REFERENCE ELECTRICAL/MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

- SOUND SYSTEM CEILING SPEAKER
- FIRE ALARM SMOKE OR HEAT DETECTOR
- LIGHT FIXTURE
- LIGHT FIXTURE
- LIGHT FIXTURE
- LIGHT FIXTURE
- CEILING MOUNTED EXIT SIGN
- OCCUPANCY SENSOR
- AIR TERMINAL

CEILING SCHEDULE

MARK	DESCRIPTION	NOTES
A	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING	3
B	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING	3
C	PLASTER CEILING	2
D	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING - BLACK	3

NOTES:
1. REFER TO SPEC SECTION 09 21 16.
2. REFER TO SPEC SECTION 09 25 13.
3. REFER TO SPEC SECTION 09 51 00.
4. REFER TO SPEC SECTION 09 54 23.
5. REFER TO SPEC SECTION 09 84 00.
6. REFER TO SPEC SECTION 09 84 30.

#	KEYNOTE DESCRIPTION
04 20 00.GS	NOMINAL 12" CONCRETE MASONRY UNIT
07 42 13.23.A2	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 2
09 21 16.A2	5/8" GYPSUM WALLBOARD
09 21 16.G	METAL CORNER BEAD (TYPICAL AT ALL CORNERS)
09 21 16.K	CEMENT BACKER BOARD
09 22 16.A3	3 5/8" METAL STUDS AT 16" OC
09 22 16.G1	7/8" FURRING HAT CHANNELS AT 16" OC
09 25 13.A	ACRYLIC PLASTER CEILING
09 51 00.A	ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
26 56 00.A	EXTERIOR LIGHT - REFERENCE ELECTRICAL DRAWINGS.

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 04	01/05/2026

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

SHEET TITLE:

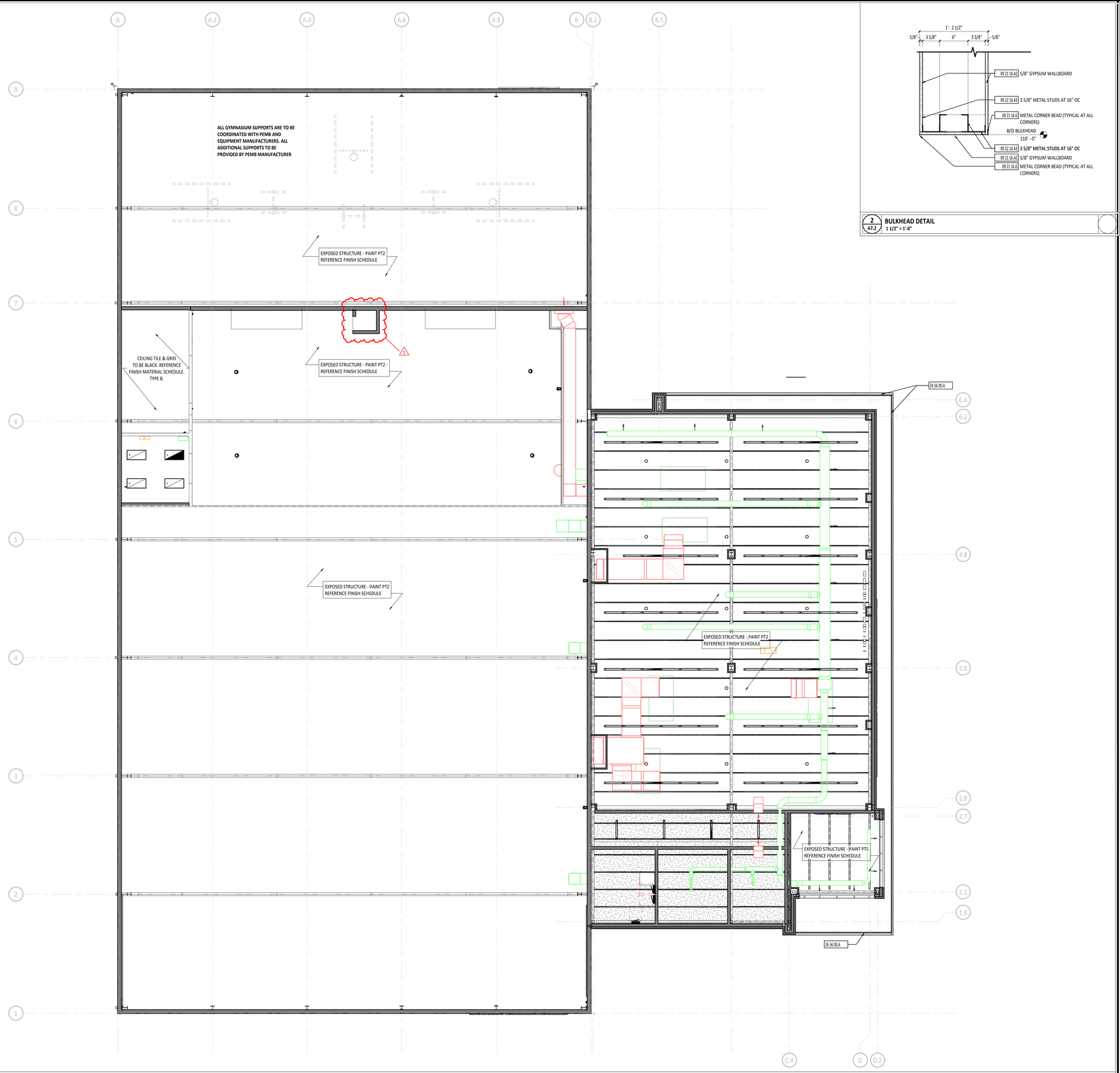
FIRST FLOOR REFLECTED CEILING PLAN

SHEET NUMBER:

A7.1

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1 / A7.2 **MEZZANINE FLOOR REFLECTED CEILING PLAN**
1/8" = 1'-0"

2 / A7.2 **BULKHEAD DETAIL**
1 1/2" = 1'-0"

SECOND FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
A201	MEZZANINE		3,072 SF	61
A202	GOLF SIMULATOR		373 SF	7
A203	STORAGE		202 SF	1

REFLECTED CEILING PLAN GENERAL NOTES

B ALL CEILINGS ARE TO BE INSTALLED AT 9'-0" AFF, UNLESS NOTED OTHERWISE.
C USE CEILING TYPE A UNLESS NOTED OTHERWISE.
D REFERENCE ELECTRICAL, MECHANICAL AND TECHNOLOGY DRAWINGS FOR MORE INFORMATION ON ALL CEILING MOUNTED DEVICES.
A REFER TO FINISH MATERIAL SCHEDULE ON SHEET A9.0 FOR MANUFACTURER INFORMATION AND MATERIAL SELECTION.
E EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE
F TRANSITION TO SQUARE CORNER AT CMU OPENING LOCATIONS WHERE BULKHEAD ALLIGNS WITH WALL

REFLECTED CEILING PLAN SYMBOLS LEGEND

A201 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
LEVEL ELEVATION — LEVEL LINE
X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
XX XX XX.XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
KEYNOTE DESIGNATION
SPECIFICATION SECTION
A 8'-8" — CEILING TYPE AND HEIGHT DESIGNATION
TYPE
HEIGHT
AREA OF DETAIL — X SIM XX.X — CALLOUT
DETAIL NUMBER
SHEET NUMBER
X SIM XX.X — SECTION
DETAIL NUMBER
SHEET NUMBER

REFLECTED CEILING PLAN MATERIAL PATTERNS LEGEND

CAP CEILING

REFERENCE ELECTRICAL/MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

SOUND SYSTEM CEILING SPEAKER
FIRE ALARM SMOKE OR HEAT DETECTOR
LIGHT FIXTURE
LIGHT FIXTURE
LIGHT FIXTURE
LIGHT FIXTURE
CEILING MOUNTED EXIT SIGN
OS — OCCUPANCY SENSOR
AIR TERMINAL

CEILING SCHEDULE

MARK	DESCRIPTION	NOTES
A	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING	3
B	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING	3
C	PLASTER CEILING	2
D	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING - BLACK	3

NOTES:
1. REFER TO SPEC SECTION 09 21 16.
2. REFER TO SPEC SECTION 09 25 13.
3. REFER TO SPEC SECTION 09 51 00.
4. REFER TO SPEC SECTION 09 54 23.
5. REFER TO SPEC SECTION 09 84 00.
6. REFER TO SPEC SECTION 09 84 30.

#	KEYNOTE DESCRIPTION
09 21 16.A2	5/8" GYPSUM WALLBOARD
09 21 16.G	METAL CORNER BEAD (TYPICAL AT ALL CORNERS)
09 22 16.A3	3 5/8" METAL STUDS AT 16" OC
26 56 00.A	EXTERIOR LIGHT - REFERENCE ELECTRICAL DRAWINGS.

STATE OF OHIO — MATTHEW R. HIBNER — 1416052 — REGISTERED ARCHITECT

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

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ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 04	01/05/2026

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

SHEET TITLE:
MEZZANINE FLOOR REFLECTED CEILING PLAN

SHEET NUMBER:
A7.2

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METAL SHELVING SCHEDULE

MARK	DESCRIPTION	Width	DEPTH	Height	SHELVES	STARTER	ADD ON	NOTES
M01	8000 SERIES SHELVNG - CLOSED	3' - 0"	1' - 6"	7' - 0"	5	•		

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	
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	

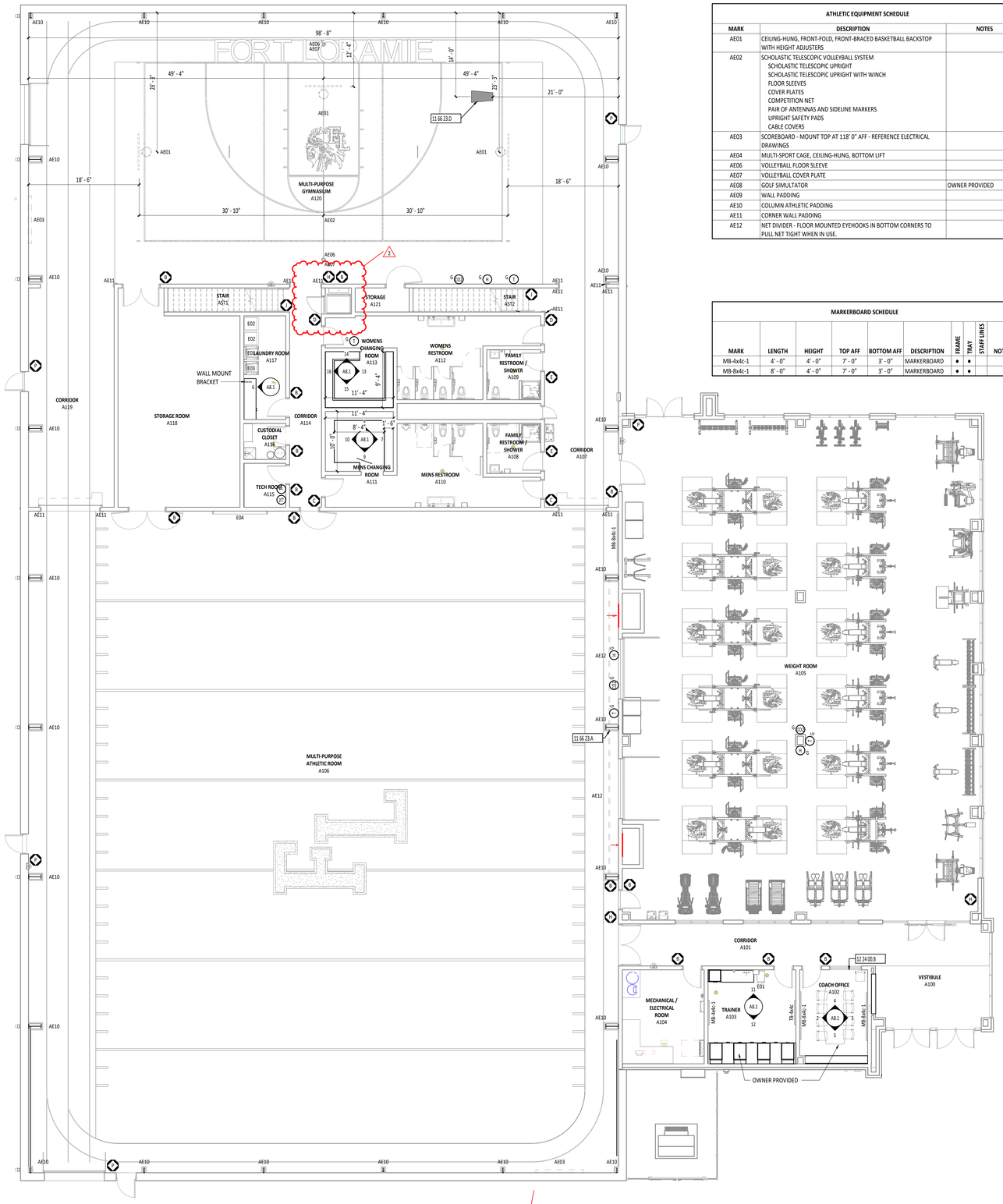
NOTES:
1. TO BE PROVIDED BY LOOSE FURNISHINGS.
2. TO BE PROVIDED BY OWNER

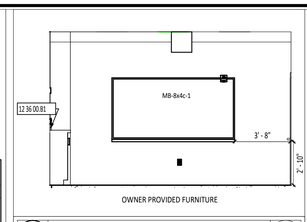
ATHLETIC EQUIPMENT SCHEDULE

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.	

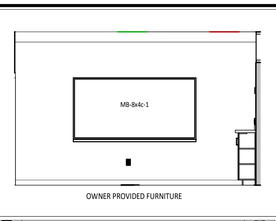
MARKERBOARD SCHEDULE

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	•	•		

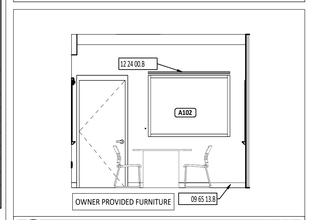




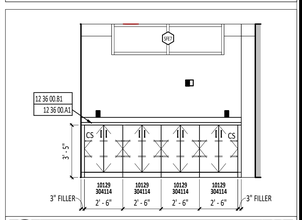
2 A8.1 COACHES OFFICE - A102 WEST 1/4" = 1'-0"



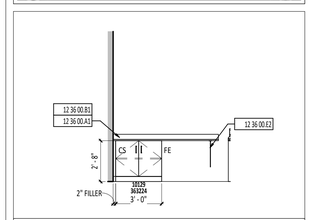
3 A8.1 DESK ELEVATION - EAST A102 1/4" = 1'-0"



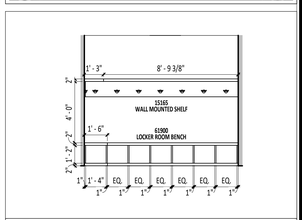
4 A8.1 DESK ELEVATION - NORTH A102 1/4" = 1'-0"



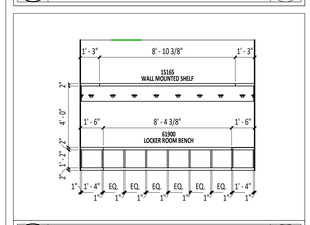
5 A8.1 DESK ELEVATION - SOUTH A102 1/4" = 1'-0"



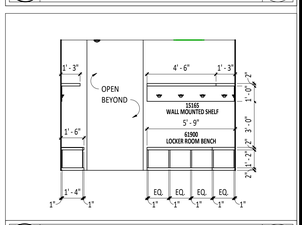
6 A8.1 LAUNDRY ROOM - A117 WEST 1/4" = 1'-0"



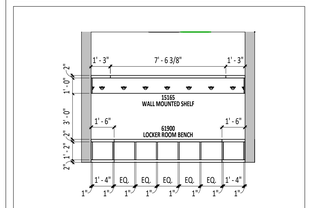
7 A8.1 MENS LOCKER - A111 EAST 1/4" = 1'-0"



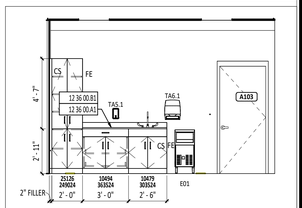
8 A8.1 MENS LOCKER - A111 NORTH 1/4" = 1'-0"



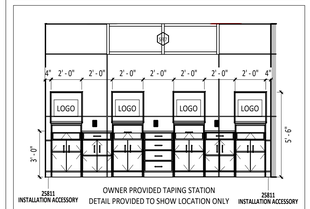
9 A8.1 MENS LOCKER - A111 SOUTH 1/4" = 1'-0"



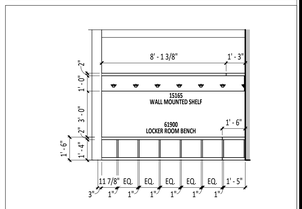
10 A8.1 MENS LOCKER - A111 WEST 1/4" = 1'-0"



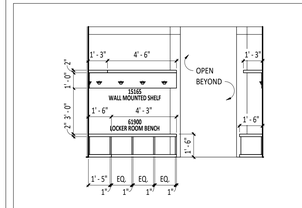
11 A8.1 NORTH TRAINING ROOM - A103 1/4" = 1'-0"



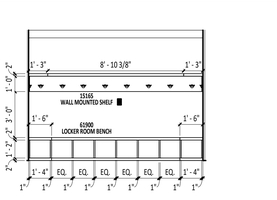
12 A8.1 TRAINING ROOM - SOUTH A103 1/4" = 1'-0"



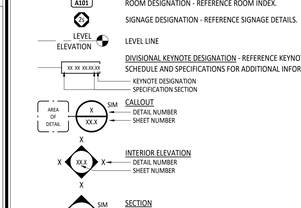
13 A8.1 WOMENS LOCKER - A113 EAST 1/4" = 1'-0"



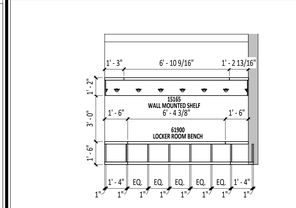
14 A8.1 WOMENS LOCKER - A113 NORTH 1/4" = 1'-0"



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



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



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

1 A8.1 FIRST FLOOR EQUIPMENT PLAN 1/8" = 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

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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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 04	01/05/2026

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

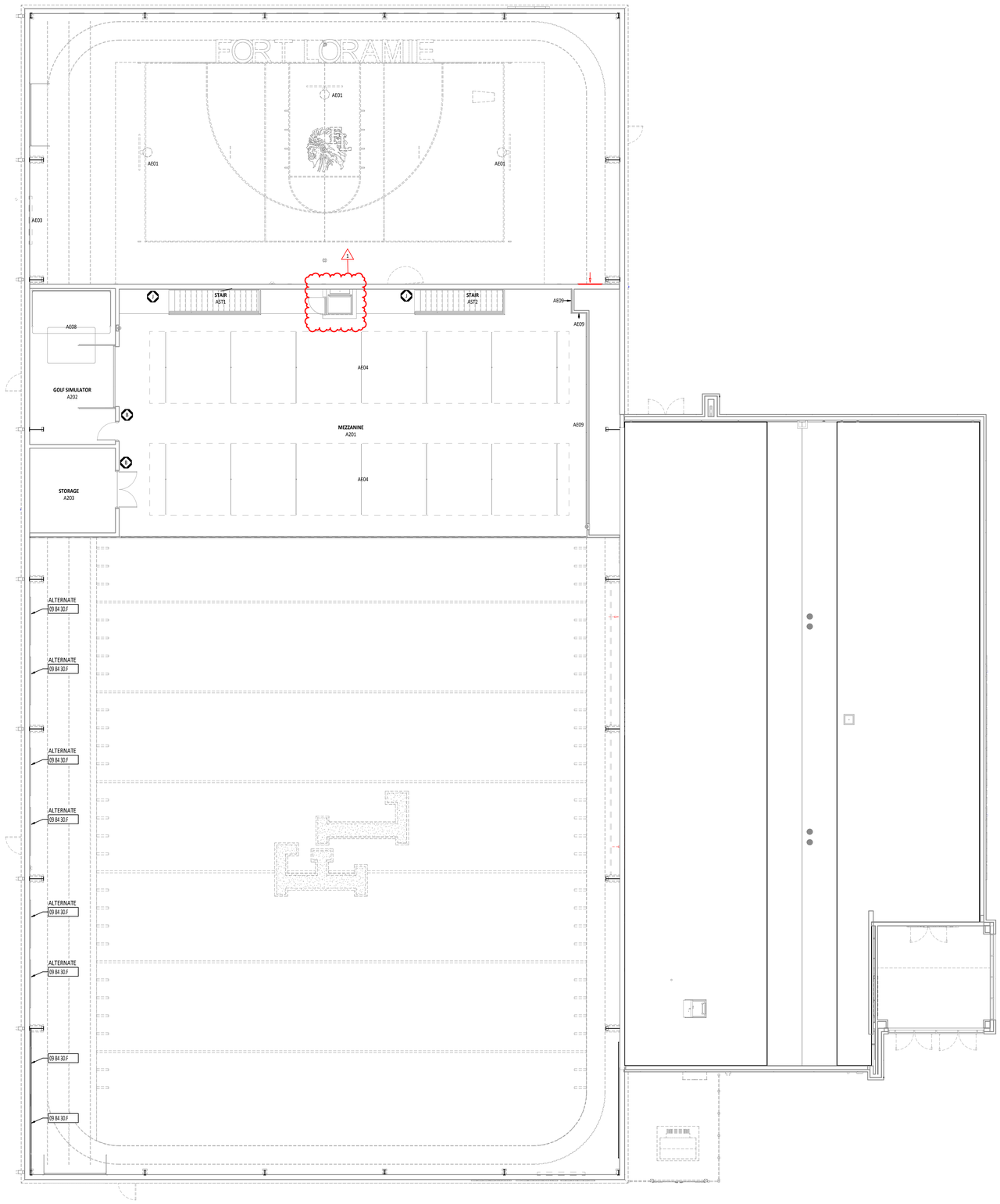
SHEET TITLE:
FIRST FLOOR EQUIPMENT PLAN

SHEET NUMBER:
A8.1

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ALL GYMNASIUM SUPPORTS ARE TO BE COORDINATED WITH PEMB AND EQUIPMENT MANUFACTURERS. ALL ADDITIONAL SUPPORTS TO BE PROVIDED BY PEMB MANUFACTURER



1 / A8.2 **SECOND FLOOR EQUIPMENT PLAN - UNIT A**
1/8" = 1'-0"

EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	NOTES
E01	CUBE ICE MACHINE	SCOTSMAN	CU0515GA-1A	
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	

NOTES:
1. TO BE PROVIDED BY LOOSE FURNISHINGS.
2. TO BE PROVIDED BY OWNER

TACKBOARD SCHEDULE

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

MARKERBOARD SCHEDULE

MARK	LENGTH	HEIGHT	TOP AFF	BOTTOM AFF	DESCRIPTION	FRAME	TRAY	STAFF 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	•	•		

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.	

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 84 30.F	SOUND-ABSORBING WALL UNIT - REFERENCE FINISH MATERIAL SCHEDULE.

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

SECOND FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
A201	MEZZANINE		3,072 SF	61
A202	GOLF SIMULATOR		373 SF	7
A203	STORAGE		202 SF	1

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

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 04	01/05/2026

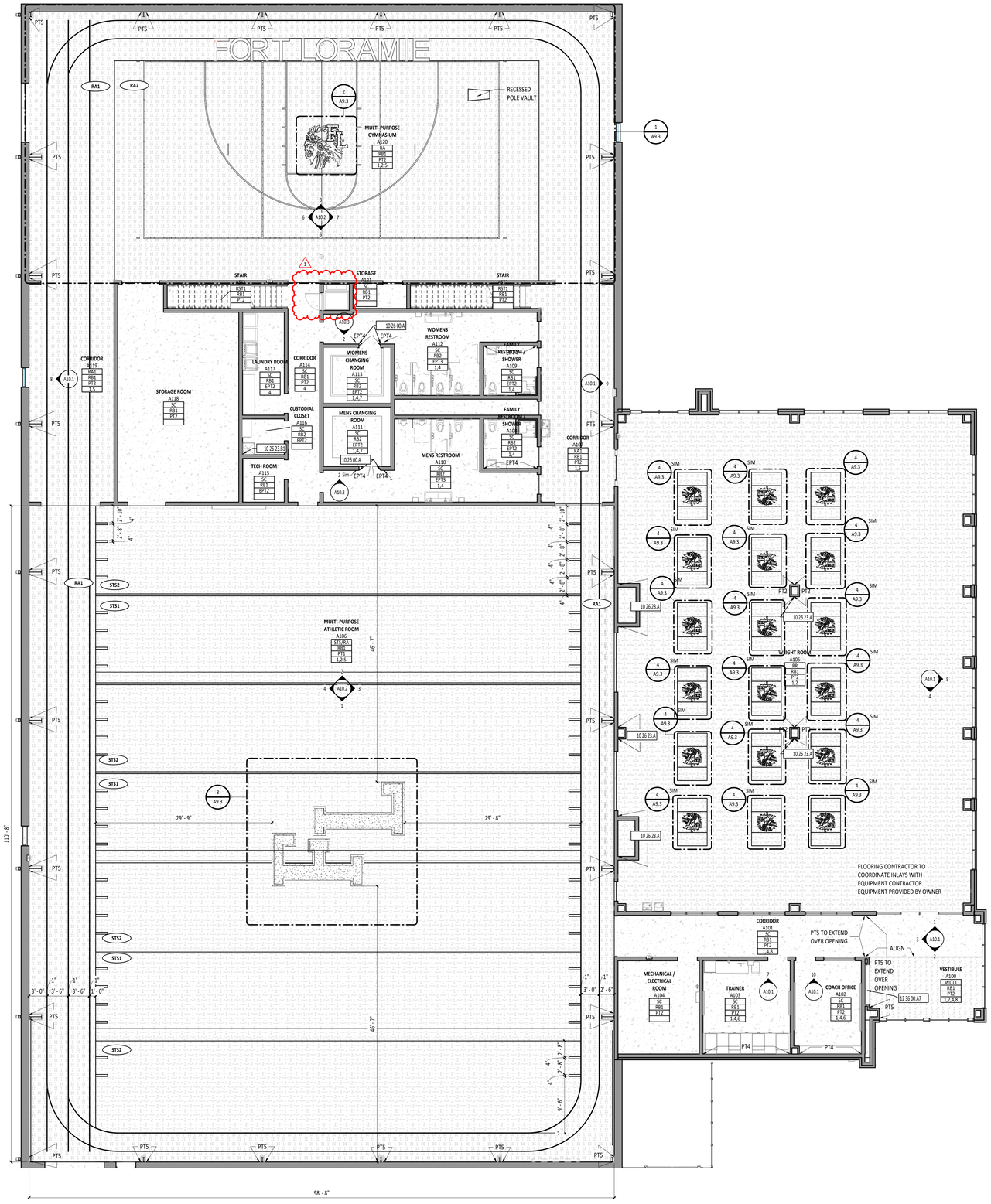
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	JCR

SHEET TITLE:
SECOND FLOOR EQUIPMENT PLAN

SHEET NUMBER:
A8.2

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1 / A9.1 FIRST FLOOR FINISH PLAN - UNIT A
1/8" = 1'-0"

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FLOOR FINISH MATERIAL LEGEND

WALK-OFF CARPET 1	WCT1	SEALED CONCRETE	SC
RESILIENT STAIR TREAD 1	RST1	RUBBER ATHLETIC FLOORING 1	RA1
ROLLED RUBBER FLOORING 1	RR1	RUBBER ATHLETIC FLOORING 2	RA2
ROLLED RUBBER FLOORING 2	RR2	SPORTS TURF SURFACE 1	STS1
ROLLED RUBBER FLOORING 3	RR3	SPORTS TURF SURFACE 2	STS2
RUBBER FLOORING 1	RF1	SPORTS TURF SURFACE 3	STS3

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	

FLOOR FINISHES GENERAL NOTES

A. FLOORING TRANSITIONS AND SEAMS AT DOOR SHALL OCCUR DIRECTLY UNDER THE CENTERLINE OF CLOSED DOOR UNLESS NOTED OTHERWISE.
B. FLOORING TRANSITIONS ARE TO BE EASED TO ACHIEVE A SMOOTH AND UNIFORM TRANSITION.
C. TRANSITION STRIPS ARE REQUIRED IN ALL INSTANCES WHERE A FLOOR MATERIAL TRANSITION OCCURS. REFER TO TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
D. FLOOR FINISHES SHALL EXTEND UNDER BUILT-IN COUNTER AND EQUIPMENT.
E. REFERENCE THE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, AND COLOR SELECTIONS.
F. REFERENCE INTERIOR ELEVATIONS, WHERE PROVIDED, FOR ADDITIONAL INFORMATION.
G. ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
H. REFERENCE FINISH FLOOR MATERIAL LEGEND FOR SPECIFIC FLOORING MATERIAL AND COLOR.
I. REFER TO DIRECTIONAL ARROW ON FINISH FLOOR PLANS WHERE PROVIDED FOR FLOORING INSTALLATION INSTRUCTIONS
J. REFERENCE SHEETS A9.0 FOR INTERIOR FINISH ALTERATES.
K. WALL SUPPLY REGISTERS/GRILLES TO BE FIELD PAINTED TO MATCH ADJACENT WALL COLOR. REFERENCE SECTION 23 37 00 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
L. OUTER CORNERS AND EXPOSED EDGES OF WALL TILE TO HAVE TILE FINISHING TRIM - REFERENCE TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
M. EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE
N. ALL INTERIOR WALL FINISH TRANSITIONS SHOULD OCCUR AT AN INSIDE CORNER, IF A MATERIAL OR COLOR CHANGE OCCURS AT AN OUTSIDE CORNER, CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
O. PRIOR TO FLOORING INSTALLATION. VERIFY SUBFLOOR CONDINTIONS MEET MANUFACTURER'S STANDARD REQUIREMENTS.

#	KEYNOTE DESCRIPTION
10 26 00.A	Corner guard - cg1 reference finish material schedule on sheet a9.0 for more details
10 26 23.A	Vinyl wall covering to wrap surface - reference a12 sheet for more details
10 26 23.B1	FIBERGLASS REINFORCED PANELING BACKSPLASH - 4'-0"H x 2'-0"W MININUM BEYOND EACH CORNER OF FLOOR SERVICE SINK
12 36 00.A7	SOLID SURFACING COUNTERTOP

FINISH TAG LEGEND

A1XX — ROOM NUMBER

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

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

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

INTERIOR FINISH REMARKS

1. MULTIPLE WALL FINISHES IN THIS ROOM. REFER TO INFORMATION NOTED ON FINISH PLANS AND INTERIOR ELEVATIONS.
2. MULTIPLE FLOOR FINISHES IN THIS ROOM. REFER TO NOTED INFORMATION ON FINISH PLANS.
3. INTEGRAL COVE BASE IN THIS ROOM. REFER TO TYPICAL DETAIL ON SHEET A9.0A.
4. PROVIDE EPOXY FLOORING IN THIS ROOM AS AN ALTERNATE.
5. PAINT STRIPING PATTERN IN THIS ROOM, U.N.O. PT1 FROM FINISHED FLOOR UP TO 2'-0" AFF, PT5 FROM 2'-0" TO 4'-0", PT1 FROM 4'-0" TO 6'-0", PT5 FROM 6'-0" TO 8'-0", PT1 ABOVE. REFERENCE A10 SHEETS FOR ADDITIONAL INFORMATION.
6. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. PT2 FROM FINISHED FLOOR UP TO 9'-3" AFF, PT4 ABOVE.
7. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. EPT2 FROM FINISHED FLOOR UP TO 8'-0" AFF, EPT4 ABOVE. REFERENCE ELEVATION 2/A10.3
8. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. PT2 FROM FINISHED FLOOR UP TO 9'-4" AFF, PT4 FROM 9'-4" TO 10'-0, PT2 ABOVE. REFERENCE A10 SHEETS FOR ADDITIONAL INFORMATION.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

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

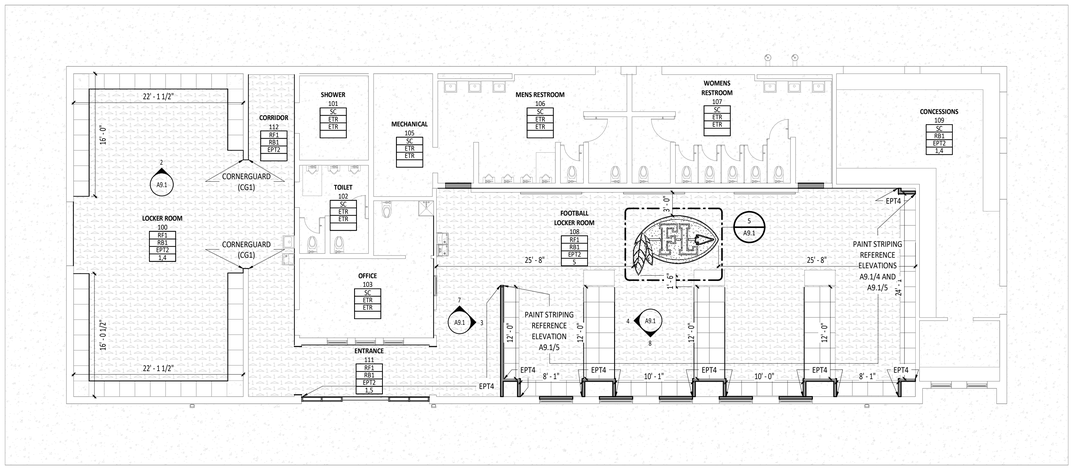
ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 04	01/05/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MBK	HEF

SHEET TITLE:
FIRST FLOOR FINISHES PLAN

SHEET NUMBER:
A9.1

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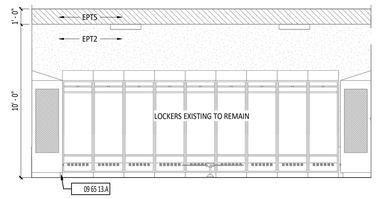
1 / A9.1 — FIRST FLOOR FINISH PLAN - UNIT A
1/8" = 1'-0"

FINISH MATERIAL SCHEDULE

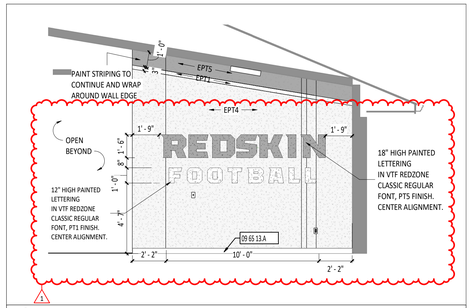
NAME	MANUFACTURER	STYLE	NUMBER	COLOR	SIZE	COMMENTS
03 35 00 CONCRETE FINISHING - SEALED CONCRETE						
SC	REFER TO SPECIFICATIONS	- -	- -	GRAY	- -	
08 14 00 WOOD DOORS						
WD1	- -	- -	- -	- -	- -	EXISTING TO REMAIN
09 65 00 RESILEINT FLOORING - RUBBER FLOORING						
RF1	TARKETT	TRIUMPH MULTI-FUCTION AND SPORTS RUBBER TILE	XC6	ERIE	24"X24"	
09 65 00 RESILIENT FLOORING - FLOOR TRANSITIONS						
FLT1	SCHLUTER	RENO-RAMP-K	AERP 100 B65	SATIN ANODIZED ALUMINUM	3/8" THICK	
09 65 00 RESILIENT FLOORING - RUBBER BASE						
RB1	JOHNSONITE	TRADITIONAL WALL BASE	40	BLACK	4"	
09 91 23 PAINTING - EPOXY PAINT						
EPT1	SHERWIN-WILLIAMS	- -	SW7757	HIGH REFLECTIVE WHITE	- -	REFER TO SPECIFICATIONS
EPT2	SHERWIN-WILLIAMS	- -	SW7661	REFLECTION	- -	REFER TO SPECIFICATIONS
EPT3	SHERWIN-WILLIAMS	- -	SW7650	ELLIE GRAY	- -	REFER TO SPECIFICATIONS
EPT4	SHERWIN-WILLIAMS	- -	SW6993	BLACK OF NIGHT	- -	REFER TO SPECIFICATIONS
EPT5	SHERWIN-WILLIAMS	- -	SW6868	REAL RED	- -	REFER TO SPECIFICATIONS
09 91 23 PAINTING - PAINT						
PT1	SHERWIN-WILLIAMS	- -	SW7757	HIGH REFLECTIVE WHITE	- -	
PT2	SHERWIN-WILLIAMS	- -	SW7661	REFLECTION	- -	
10 26 00 - DOOR AND WALL PROTECTION - CORNERGUARD						
CG1	INPRO	1500 BLUNOSE HIGH IMPACT CORNER GUARD END WALL PROTECTOR	- -	TBD	8"H,3" WINGS	MOUNT 4" FROM FINISHED FLOOR TO BOTTOM OF CORNER GUARD, AT EDGE OF RUBBER BASE
10 51 23 - METAL LOCKER						
LKR1	REFER TO SPECIFICATIONS	REFER TO SPECIFICATIONS	- -	BLACK	- -	
12 35 50.13 EDUCATIONAL CASEWORK - CASEWORK HARDWARE						
CH1	STEVENS INDUSTRIES	ARTISAN COLLECTION - CURVED BAR 128	SA018MN	SATIN NICKEL	- -	
12 35 50.13 EDUCATIONAL CASEWORK - PLASTIC LAMINATE						
LT1	FORMICA	STANDARD HIGH PRESSURE LAMINATE	9527-58	BLACK SHALESTONE	- -	
LT2	FORMICA	STANDARD HIGH PRESSURE LAMINATE	7996-38	NATURAL RECON	- -	

FIRST FLOOR PLAN ROOM INDEX

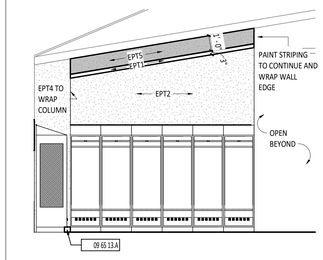
ROOM NUMBER	ROOM NAME	AREA
100	LOCKER ROOM	935 SF
101	SHOWER	99 SF
102	TOILET	100 SF
103	OFFICE	181 SF
104	TOILET	56 SF
105	MECHANICAL	124 SF
106	MENS RESTROOM	327 SF
107	WOMENS RESTROOM	349 SF
108	FOOTBALL LOCKER ROOM	1,631 SF
109	CONCESSIONS	491 SF
110	TICKET OFFICE	83 SF
111	ENTRANCE	124 SF
112	CORRIDOR	255 SF



2 / A9.1 — LOCKERROOM 100 - NORTH
1/4" = 1'-0"

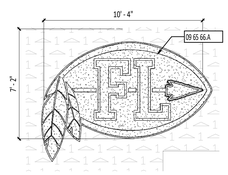


3 / A9.1 — FOOTBALL LOCKERROOM 108 - EAST
1/4" = 1'-0"

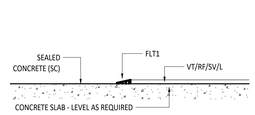


4 / A9.1 — FOOTBALL LOCKER ROOM 108 - WEST
1/4" = 1'-0"

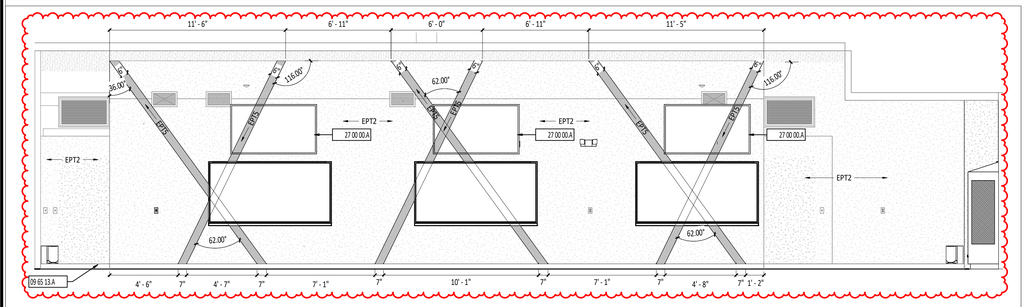
SCHOOL LOGO ON RUBBER ATHLETIC FLOORING SURFACE.
ARCHITECT TO PROVIDE GRAPHIC FILE TO FLOORING SUBCONTRACTOR.



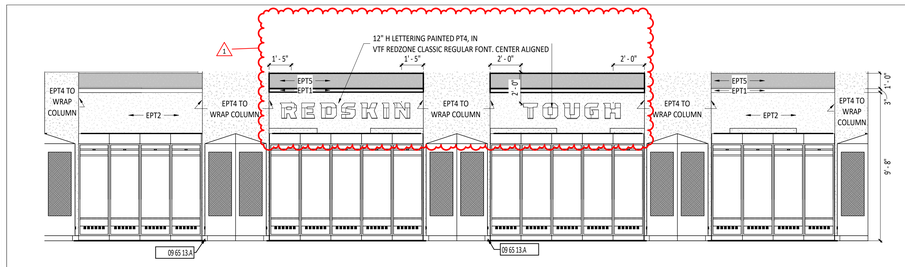
5 / A9.1 — RUBBER ATHLETIC LOGO DETAILS - LOCKER ROOM
1/4" = 1'-0"



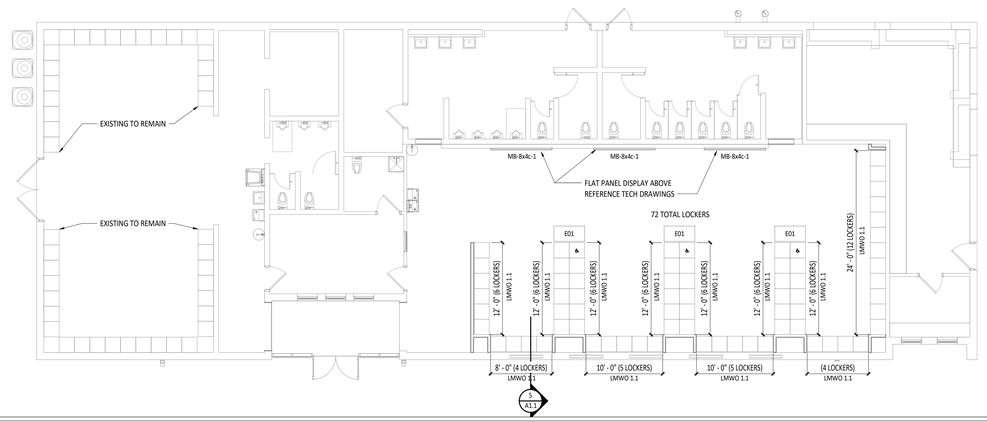
6 / A9.1 — FLOOR TRANSITION - SEALED CONCRETE TO RESILIENT FLOORING
6" = 1'-0"



7 / A9.1 — FOOTBALL LOCKERROOM 108 - NORTH
1/4" = 1'-0"



8 / A9.1 — FOOTBALL LOCKER ROOM 108 - SOUTH
1/4" = 1'-0"



9 / A9.1 — FIRST FLOOR EQUIPMENT PLAN - UNIT A
1/8" = 1'-0"

METAL LOCKER SCHEDULE

MARK	DESCRIPTION	NOTES
LMWO 1.1	METAL LOCKER - WELDED - OPEN (NO DOOR) - 24IN WIDE x 24IN DEEP x 72IN HIGH STADIUM LOCKER WITH FOOTLOCKER	

MARKERBOARD SCHEDULE

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

EQUIPMENT SCHEDULE

MARK	NEW EXISTING	DESCRIPTION	MANUFACTURER	MODEL	NOTES
E01	NEW	PEDESTAL LOCKER BENCH - WOOD TOP WITH TRAPAZOID BASE	ASI STORAGE SOLUTIONS		

TYPICAL FINISHES

* UNLESS NOTED OTHERWISE, THESE FINISH SELECTIONS SHALL BE USED THROUGHOUT THE PROJECT. CONTRACTOR SHOULD BRING ANY DISCREPANCIES TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

CASEWORK HARDWARE	CH1
EXPOSED HVAC ELEMENTS (CEILING)	MATCH PT1
EXPOSED HVAC ELEMENTS (WALLS)	MATCH ADJACENT WALL FINISH
EXPOSED STRUCTURE (CEILING)	MATCH PT1
EXPOSED METAL DECK	MATCH PT1
GWB CEILINGS AND BULKHEADS	PT1
HOLLOW METAL DOOR FRAMES	PT4
HOLLOW METAL DOORS	PT4
HOLLOW METAL RAILING	PT1
INTERIOR WOOD DOORS	WD1
LAMINATE CASEWORK (HORIZONTAL)	LT2
LAMINATE CASEWORK (VERTICAL)	LT1
METAL LOCKERS - ATHLETIC	LKR1
SWITCH PLATES AND OUTLET COVERS	WHITE
TOILET PARTITIONS	TP1
WOOD STAIRS, BENCHES, TRIM WORK	MATCH WD1

FLOOR FINISHES GENERAL NOTES

A. FLOORING TRANSITIONS AND SEAMS AT DOOR SHALL OCCUR DIRECTLY UNDER THE CENTERLINE OF CLOSED DOOR UNLESS NOTED OTHERWISE.
B. FLOORING TRANSITIONS ARE TO BE EASED TO ACHIEVE A SMOOTH AND UNIFORM TRANSITION.
C. TRANSITION STRIPS ARE REQUIRED IN ALL INSTANCES WHERE A FLOOR MATERIAL TRANSITION OCCURS. REFER TO TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
D. FLOOR FINISHES SHALL EXTEND UNDER BUILT-IN COUNTER AND EQUIPMENT.
E. REFERENCE THE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, AND COLOR SELECTIONS.
F. REFERENCE INTERIOR ELEVATIONS, WHERE PROVIDED, FOR ADDITIONAL INFORMATION.
G. ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
H. REFERENCE FINISH FLOOR MATERIAL LEGEND FOR SPECIFIC FLOORING MATERIAL AND COLOR.
I. REFER TO DIRECTIONAL ARROW ON FINISH FLOOR PLANS WHERE PROVIDED FOR FLOORING INSTALLATION INSTRUCTIONS
J. REFERENCE SHEETS A9.7 AND A10.7 FOR INTERIOR FINISH ALTERATES.
K. WALL SUPPLY REGISTERS/GRILLES TO BE FIELD PAINTED TO MATCH ADJACENT WALL COLOR. REFERENCE SECTION 23 37 00 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
L. OUTER CORNERS AND EXPOSED EDGES OF WALL TILE TO HAVE TILE FINISHING TRIM - REFERENCE TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
M. EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE
N. ALL INTERIOR WALL FINISH TRANSITIONS SHOULD OCCUR AT AN INSIDE CORNER, IF A MATERIAL OR COLOR CHANGE OCCURS AT AN OUTSIDE CORNER, CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
O. PRIOR TO FLOORING INSTALLATION. VERIFY SUBFLOOR CONDINTIONS MEET MANUFACTURER'S STANDARD REQUIREMENTS.

#	KEYNOTE DESCRIPTION
09 65 13.A	BASE AS SCHEDULED - REFERENCE FINISH MATERIAL SCHEDULE.
09 65 66.A	RESILIENT ATHLETIC FLOORING - REFERENCE FINISH MATERIAL SCHEDULE.
27 00 00.A	TECHNOLOGY EQUIPMENT - REFERENCE TECHNOLOGY DRAWINGS.

FINISH TAG LEGEND

A1XX — ROOM NUMBER

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

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

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

INTERIOR FINISH REMARKS

1. MULTIPLE WALL FINISHES IN THIS ROOM. REFER TO INFORMATION NOTED ON FINISH PLANS AND INTERIOR ELEVATIONS.
2. MULTIPLE FLOOR FINISHES IN THIS ROOM. REFER TO NOTED INFORMATION ON FINISH PLANS.
3. INTEGRAL COVE BASE IN THIS ROOM. REFER TO TYPICAL DETAIL ON SHEET A9.0A.
4. PAINT STRIPING ON ALL WALLS IN THIS ROOM, U.N.O. EPT2 FROM FINISHED FLOOR TO 10'-0". EPT5 FROM 10'-0" TO 11'-0" ABOVE TO FINISHED CEILING.
5. PAINT STRIPING IN THIS ROOM, U.N.O. EPT2 FROM FINISHED FLOOR TO 9'-8". EPT1 FROM 9'-8" TO 9'-11". EPT5 FROM 9'-11" ABOVE TO FINISHED CEILING. REFERENCE A9.1 SHEET FOR LOCATION.

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

GARMANN MILLER
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BUILDING ADDITION FOR

FORT LORAMIE LOCAL SCHOOLS LOCKER ROOM BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	ADDENDUM 02	12/19/2025
2	ADDENDUM 04	01/05/2026

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

SHEET TITLE:

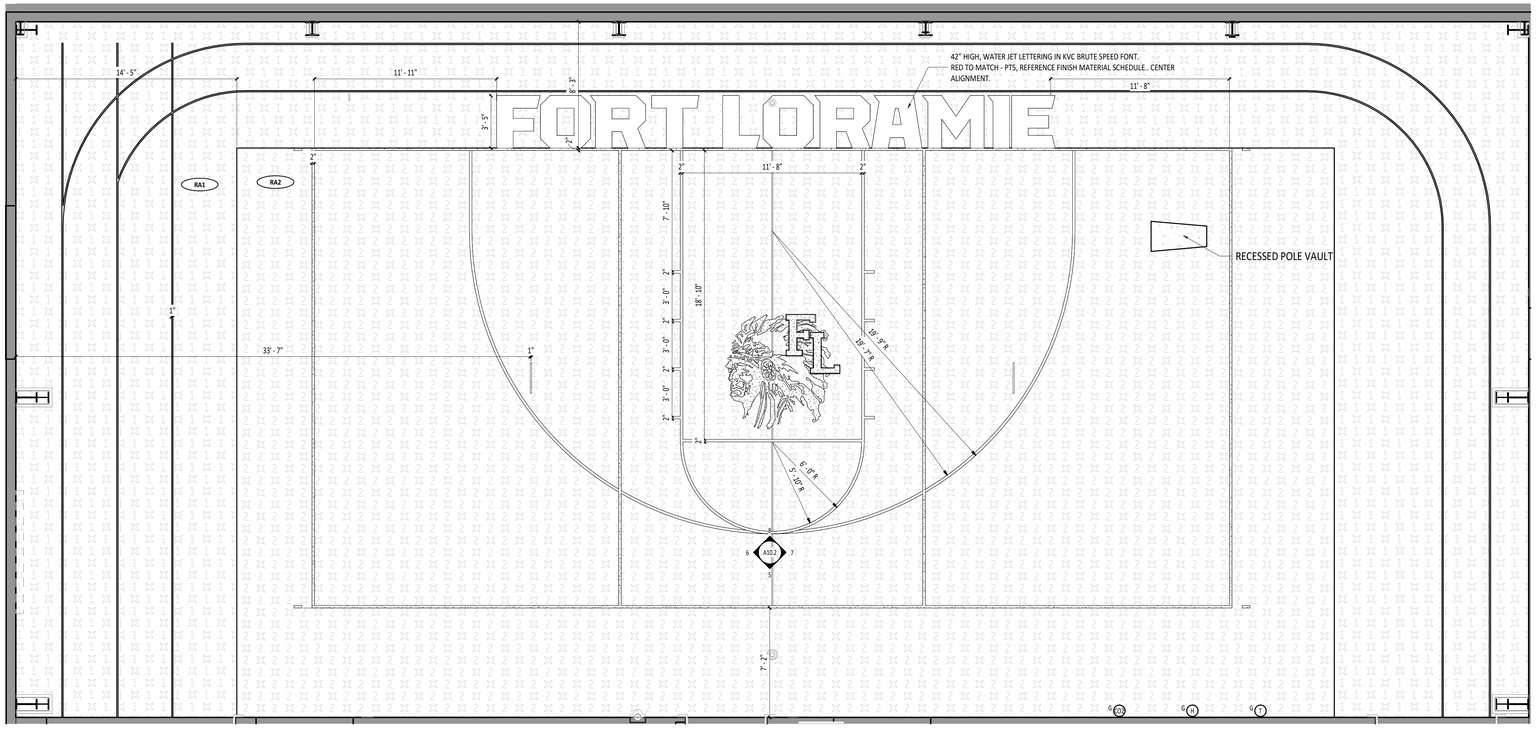
FIRST FLOOR EQUIPMENT & FINISHES PLAN

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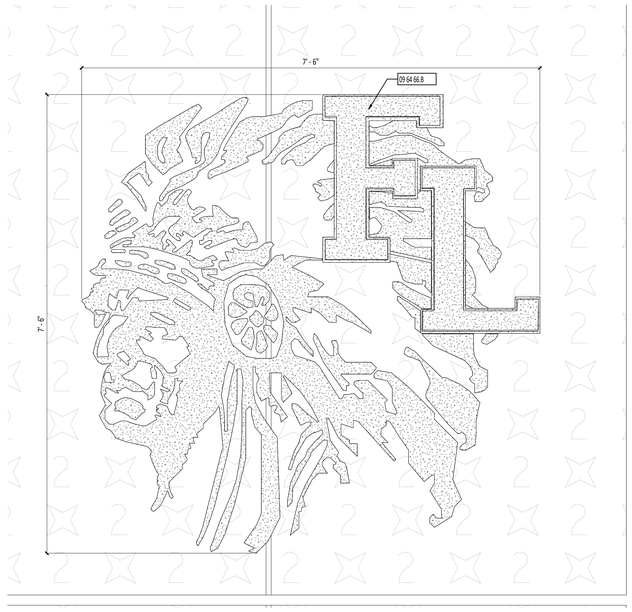
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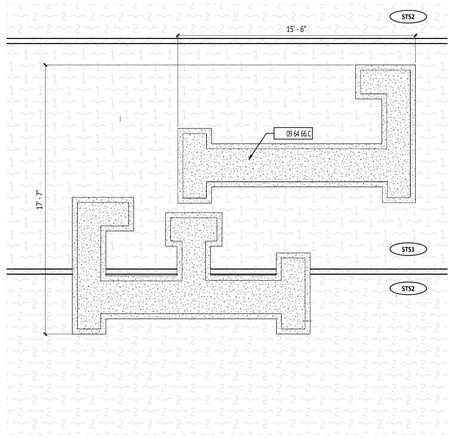


1 A9.3 **ENLARGED FLOOR STRIPING PLAN - MULTIPURPOSE GYMNASIUM NORTH**
1/4" = 1'-0"



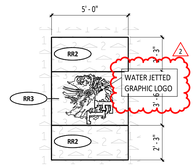
SCHOOL LOGO ON RUBBER ATHLETIC FLOORING SURFACE (RA2). ARCHITECT TO PROVIDE GRAPHIC FILE TO FLOORING SUBCONTRACTOR.

2 A9.3 **RUBBER ATHLETIC FLOORING LOGO DETAILS - MULTIPURPOSE ATHLETIC ROOM**
1" = 1'-0"



SCHOOL LOGO ON TURF SURFACES (STS1 AND STS2). ARCHITECT TO PROVIDE GRAPHIC FILE TO FLOORING SUBCONTRACTOR.

3 A9.3 **TURF LOGO DETAILS - MULTIPURPOSE ATHLETIC ROOM**
1/4" = 1'-0"



4 A9.3 **ENLARGED FLOOR PATTERN PLAN - RR1/RR2/RR3**
1/4" = 1'-0"

GYMNASIUM FLOORING GENERAL NOTES

- VERIFY ALL COURT DIMENSIONS THROUGH SUBMITTAL PROCESS PRIOR TO INSTALLATION. NOTES PROVIDE DESIGN INTENT FOR FLOOR MARKINGS AND WILL NEED FINAL CONFIRMATION.
- MAIN BASKETBALL DIMENSIONS ARE BASED ON TYPICAL HIGH SCHOOL COURT MARKING STANDARDS.
- MAIN BASKETBALL COURT LINES ARE TO BE 2" THICK - COLOR FORTHCOMING.
- MAIN VOLLEYBALL COURT LINES ARE TO BE 1" THICK - COLOR FORTHCOMING.
- TRACK LINES ARE TO BE 1" THICK - COLOR FORTHCOMING.

SECOND FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
A201	MEZZANINE		3,095 SF	62
A202	GOLF SIMULATOR		372 SF	7
A203	STORAGE		202 SF	1

FLOOR FINISHES GENERAL NOTES

A	FLOORING TRANSITIONS AND SEAMS AT DOOR SHALL OCCUR DIRECTLY UNDER THE CENTERLINE OF CLOSED DOOR UNLESS NOTED OTHERWISE.
B	FLOORING TRANSITIONS ARE TO BE EASED TO ACHIEVE A SMOOTH AND UNIFORM TRANSITION.
C	TRANSITION STRIPS ARE REQUIRED IN ALL INSTANCES WHERE A FLOOR MATERIAL TRANSITION OCCURS. REFER TO TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
D	FLOOR FINISHES SHALL EXTEND UNDER BUILT-IN COUNTER AND EQUIPMENT.
E	REFERENCE THE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, AND COLOR SELECTIONS.
F	REFERENCE INTERIOR ELEVATIONS, WHERE PROVIDED, FOR ADDITIONAL INFORMATION.
G	ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
H	REFERENCE FINISH FLOOR MATERIAL LEGEND FOR SPECIFIC FLOORING MATERIAL AND COLOR.
I	REFER TO DIRECTIONAL ARROW ON FINISH FLOOR PLANS WHERE PROVIDED FOR FLOORING INSTALLATION INSTRUCTIONS
J	REFERENCE SHEETS A9.0 FOR INTERIOR FINISH ALTERATES.
K	WALL SUPPLY REGISTERS/GRILLES TO BE FIELD PAINTED TO MATCH ADJACENT WALL COLOR. REFERENCE SECTION 23 37 00 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
L	OUTER CORNERS AND EXPOSED EDGES OF WALL TILE TO HAVE TILE FINISHING TRIM - REFERENCE TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
M	EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE
N	ALL INTERIOR WALL FINISH TRANSITIONS SHOULD OCCUR AT AN INSIDE CORNER, IF A MATERIAL OR COLOR CHANGE OCCURS AT AN OUTSIDE CORNER, CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
O	PRIOR TO FLOORING INSTALLATION. VERIFY SUBFLOOR CONDINTIONS MEET MANUFACTURER'S STANDARD REQUIREMENTS.

#	KEYNOTE DESCRIPTION
09 64 66.B	2 COLOR WATER JET SCHOOL LOGO ON RUBBER ATHLETIC FLOORING (RA2). BLACK COLOR INFILL TO MATCH PT4, RED COLOR INFILL TO MATCH PT5. ARCHITECT TO PROVIDE GRAPHIC FILE. REFERENCE FINISH MATERIAL SCHEDULE.
09 64 66.C	2 COLOR INTEGRATED SCHOOL LOGO ON TURF SURFACES (STS1, STS 2). BLACK COLOR INFILL TO MATCH PT4, WHITE COLOR OUTLINE TO MATCH PT 1. ARCHITECT TO PROVIDE GRAPHIC FILE. REFERENCE FINISH MATERIAL SCHEDULE.

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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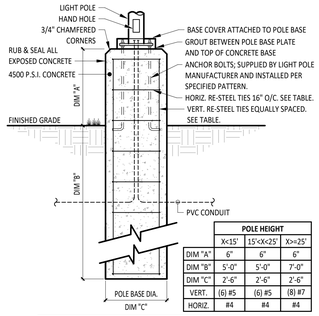
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25041.00	MEK	HEF

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ENLARGED FLOOR PATTERN PLANS

SHEET NUMBER:
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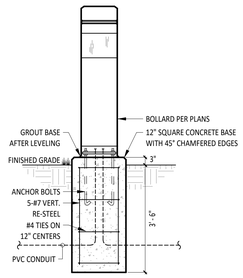
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	POLE HEIGHT		
	X<15'	15'<X<25'	X>=25'
DIM "A"	6"	6"	6"
DIM "B"	5'-0"	5'-0"	7'-0"
DIM "C"	2'-6"	2'-6"	2'-6"
VERT.	(6) #5	(6) #5	(8) #7
HORIZ.	#4	#4	#4

GENERAL NOTES:
A. TACK WELD ALL ANCHOR BOLT NUTS IN PLACE WHEN POLES ARE SET AND PLUMB. REPAIR FINISH WITH COLD GALVANIZING COMPOUND.
B. SET POLES USING DOUBLE NUT CONSTRUCTION METHOD.

1 / E1.2 **CONCRETE POLE BASE DETAIL**
NTS



2 / E1.2 **BOLLARD LIGHT DETAIL**
NTS

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
B1	CONCRETE BASE	LED	1500lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	84 W	8" SQUARE LED BOLLARD, FLAT TOP, SYMETRICAL DISTRIBUTION, DARK BRONZE FINISH.		HYDREL | 3140C H42 BCOB 40K MVOLT SYM DDB ENDEAVOR | APOLLO SERIES KIM LIGHTING | PA7S SERIES EVERGREEN | VEN SERIES
E		LED	N/A	N/A	N/A	N/A	UNV	0 W	EXISTING FIXTURE TO REMAIN.		
ED								0 W	EXISTING LIGHT FIXTURE TO BE REMOVED.		
ER		LED	N/A	N/A	N/A	N/A	UNV	0 W	EXISTING LUMINAIRE TO BE REMOVED AND RE-INSTALLED.		
H1	SUSPENDED	LED	12,000lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	80 W	LED HIGH BAY FIXTURE	PROVIDE AIRCRAFT CABLE HANGERS	LITHONIA | CPHB ALO13 MVOLT SWW9 80CRI DWH METALUX | SPHB SERIES COLUMBIA | CLH SERIES TRACELITE | MQHB SERIES
S1	WALL	LED	4000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	36 W	4' LED STRIP LIGHT WITH FROSTED LENS.	WALL MOUNT. COORDINATE MOUNTING HEIGHT WITH BLEACHERS. SET LUMENS AT MEDIUM AND CCT AT 4000K.	LITHONIA | CSS L48 ALO3 MVOLT SWW3 80CRI METALUX | SLSTP SERIES COLUMBIA | CSL SERIES TRACELITE | SLS SERIES

1

STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT

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

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FT LORAMIE ELEMENTARY SCHOOL RENOVATION

BUILDING ADDITION

55 ELM STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM #04	01/05/2026

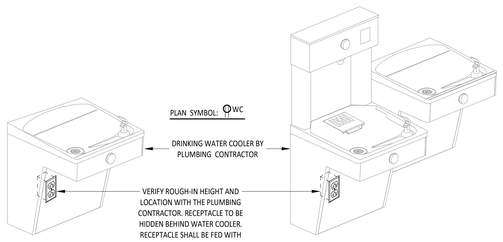
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

SHEET TITLE:
ELECTRICAL DETAILS AND LUMINAIRE SCHEDULE

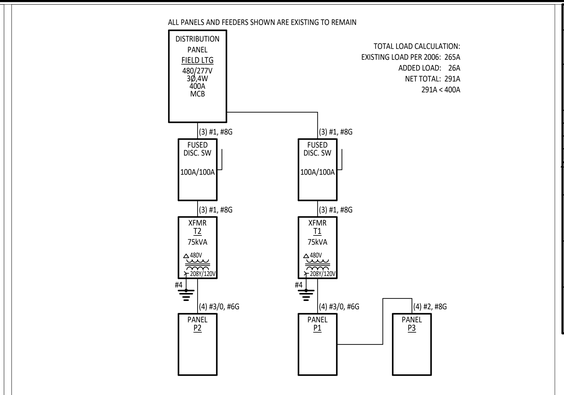
SHEET NUMBER:
E1.2

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1 / E1.2 WATER COOLER RECEPTACLE DETAIL
NTS



2 / E1.2 ELECTRICAL ONE-LINE DIAGRAM
NTS

PANEL P2

MOUNTING: SURFACE
FED FROM: T2 XFMR
ENCLOSURE: NEMA 1
LOCATION: MECHANICAL-1 105-1
PANEL NOTES:
EXISTING CUTLER-HAMMER LOAD CENTER.

AIC RATING: EXISTING
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 225 A
MAINS TYPE: 200 A | MCB
OTHER:

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
	EXIST. CKT.	1	20	1	0 / 0			2	20	1	EXIST. CKT.	
2	WC RECEPTACLE FOOTBALL LOCKER ROOM 108	1	20	3		1200 / 0		4	20	1	EXIST. CKT.	
	EXIST. CKT.	1	20	5			0 / 0	6	20	1	EXIST. CKT.	
	EXIST. CKT.	1	20	7	0 / 0			8	20	1	EXIST. CKT.	
	EXIST. CKT.	1	20	9		0 / 0		10	20	1	EXIST. CKT.	
	EXIST. CKT.	1	20	11			0 / 0	12	20	1	EXIST. CKT.	
	EXIST. CKT.	1	20	13	0 / 0			14	20	1	EXIST. CKT.	
	EXIST. CKT.	1	20	15		0 / 0		16	20	1	EXIST. CKT.	
	EXIST. CKT.	1	20	17			0 / 0	18	20	1	EXIST. CKT.	
1	VID RECEPTACLE FOOTBALL LOCKER ROOM 108	1	20	19	540 / 430			20	20	1	RECPT. AND DOOR SECURITY ENTRANCE 111	1
1	EF-1	1	15	21		456 / 119		22	20	1	LIGHTING ENTRANCE 111	1
1	SOUND RACK 103-2	1	20	23			360 / 0	24	20	1	EXIST. CKT.	
				25	0 / 47			26	20	1	LED TAPE LIGHT - LOCKER ROOM 108	1
	WATER HEATER	3	100	27		0 / 0		28	100	2	EXIST. CKT.	
				29			0 / 0	30				
	SPACE ONLY	1	--	31	0 / 0			32	--	1	SPACE ONLY	
	SPACE ONLY	1	--	33		0 / 0		34	--	1	SPACE ONLY	
	SPACE ONLY	1	--	35			0 / 0	36	--	1	SPACE ONLY	
	SPACE ONLY	1	--	37	0 / 0			38	--	1	SPACE ONLY	
	SPACE ONLY	1	--	39		0 / 0		40	--	1	SPACE ONLY	
	SPACE ONLY	1	--	41			0 / 0	42	--	1	SPACE ONLY	
					VA SUBTOTALS:	1015 VA	1770 VA	360 VA				
					AMP SUBTOTALS:	9 A	16 A	3 A				

LOAD TYPE:	***CONNECTED VA***	***DEMAND FACTOR***	***DEMAND VA***	***DEMAND AMPS***	***SUBTOTAL***	***PHASE***
LIGHTING	167 VA	125.0%	208 VA	1 A	1015 VA	***A***
MOTORS	456 VA	125.0%	570 VA	2 A	1770 VA	***B***
RECEPTACLE	2280 VA	100.0%	2280 VA	6 A	360 VA	***C***
MISC EQUIPMENT	250 VA	100.0%	250 VA	1 A	***PANEL TOTALS***	
					3145 VA	**CONNECTED**
					3299 VA	**DEMAND**
					9 A	**CONNECTED**
					9 A	**DEMAND**

CIRCUIT NOTES:
1-PROVIDE NEW BREAKER IN EXISTING SPACE.
2-REPLACE EXISTING BREAKER WITH NEW GFCI BREAKER.

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
C1	SURFACE	LED	4000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	54 W	LED SURFACE WRAP	SET LUMENS TO LOW AND CCT TO MATCH EXISTING LIGHTING	LITHONIA | FML4W 48 ALO6 8SWW2 TD METALUX | NWS SERIES COLUMBIA | CRW SERIES TRACELITE | EWQ SERIES
E								0 W	EXISTING LUMINAIRE TO REMAIN.		
ED								0 W	EXISTING LUMINAIRE TO BE REMOVED.		
ER								0 W	EXISTING LUMINAIRE REMOVED AND RE-INSTALLED.		
1 R2	WALL	LED	N/A	N/A	N/A	ELECTRONIC DRIVER	7.2V	1 W	LED WEATHER-PROOF REMOTE HEAD		LITHONIA | ELMRW LP220L SGL SURE-LITES | APWR SERIES COMPASS | COR SERIES EXITRONIX | MLED SERIES
TL	WALL	LED	187 lm/FT	RED	N/A	0-10V DIMMING DOWN TO 10%	120V	5 W	LED STATIC TAPE LIGHT, 5 WATT/FT., 0-10V DIMMING, RED COLOR, MOUNTING CHANNEL.	WALL MOUNT ABOVE LOCKER AND BEHIND TV'S. REFER TO DRAWING FOR MORE INFORMATION. PROVIDE NECESSARY COMPONENTS FOR A COMPLETE SYSTEM.	ACOLYTE | RB-0-SCS220-5.OR-AS1 NOVA FLEX | NF SERIES OPTIC ARTS | LL42 SERIES TIVOLI | TPL SERIES
XS	WALL	LED	N/A	RED	N/A	ELECTRONIC DRIVER	UNV	4 W	LED EXIT-EMERGENCY COMBINATION		LITHONIA | LHQM S W RG MVOLT M6 SURE-LITES | APC SERIES COMPASS | CC SERIES EXITRONIX | ILXC SERIES
X6	WALL	LED	N/A	RED	N/A	ELECTRONIC DRIVER	UNV	4 W	LED EXIT-EMERGENCY COMBINATION WITH REMOTE CAPACITY		LITHONIA | LHQM S W RG MVOLT HO M6 SURE-LITES | APC SERIES COMPASS | CC SERIES EXITRONIX | ILXC SERIES

1

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

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

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MANSFIELD, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
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BUILDING RENOVATIONS

FORT LORAMIE LOCAL SCHOOLS LOCKER ROOM BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM #02	12/19/2025
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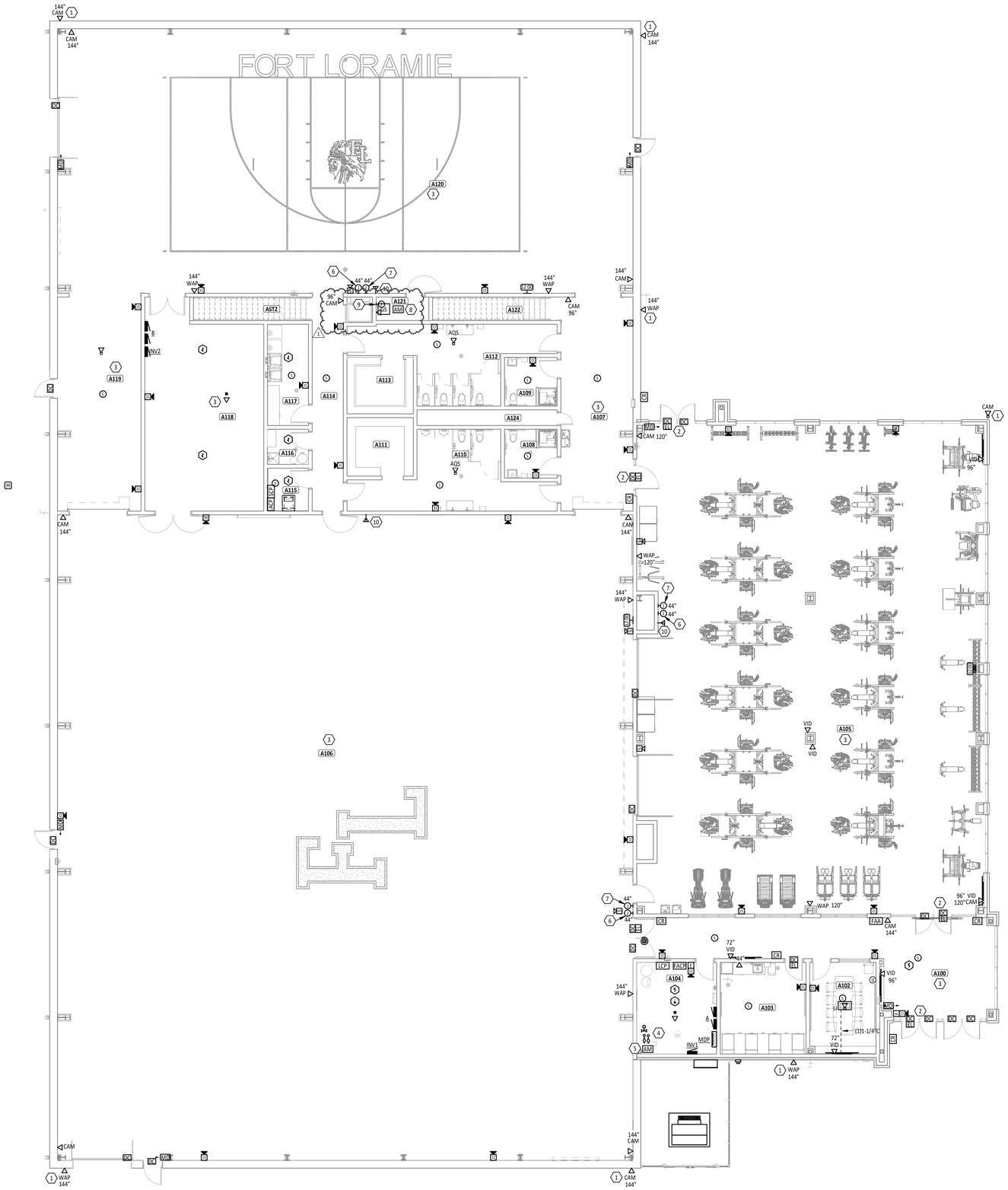
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SHEET TITLE:
ELECTRICAL DETAILS, PANEL AND LUMINAIRE SCHEDULES

SHEET NUMBER:
E1.2

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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	220 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	Redundant Room

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 E5 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.

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

ISSUANCES/REVISIONS

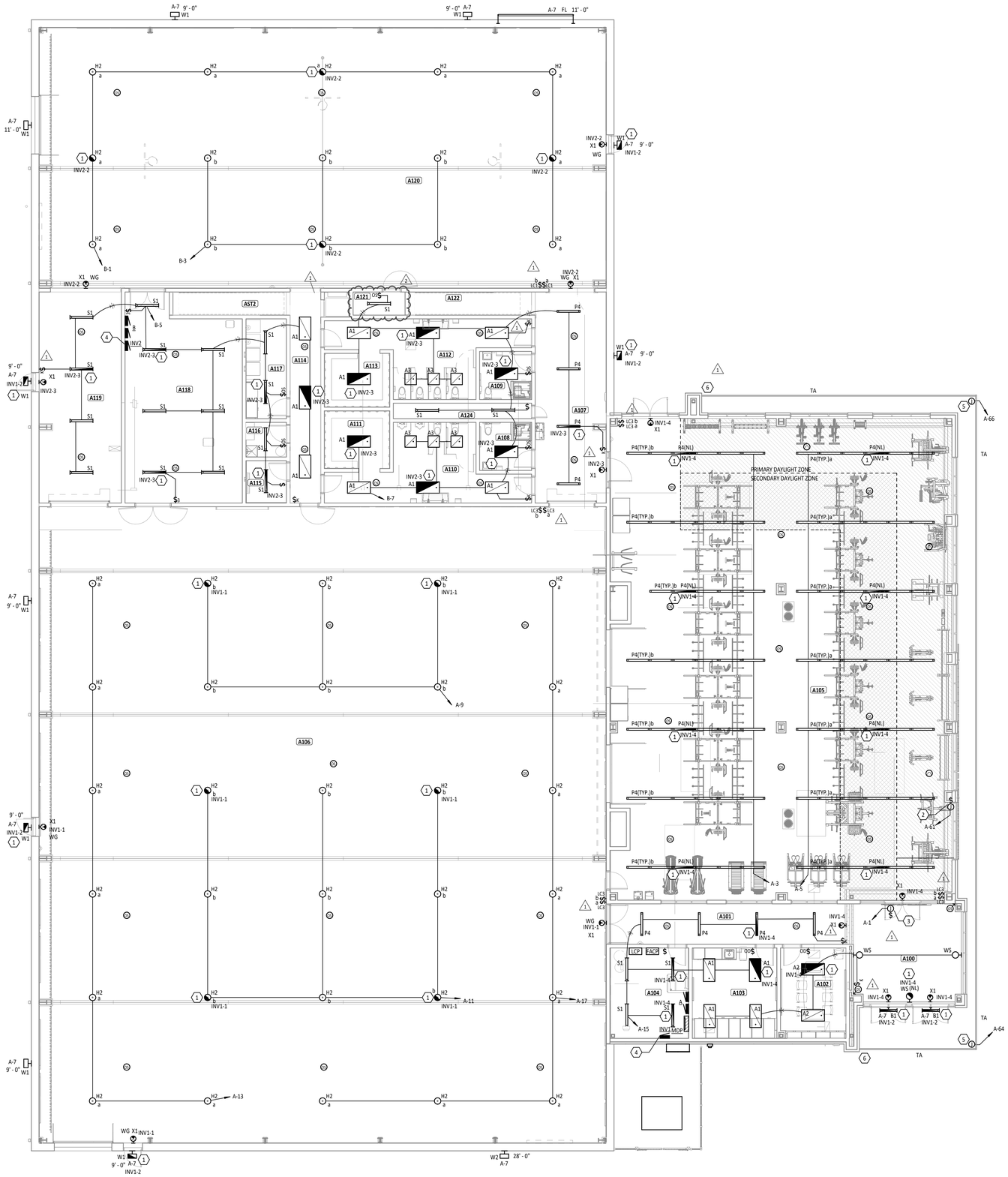
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1	CONSTRUCTION DOCUMENTS - ADDENDUM #04	01/05/2026

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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

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

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.

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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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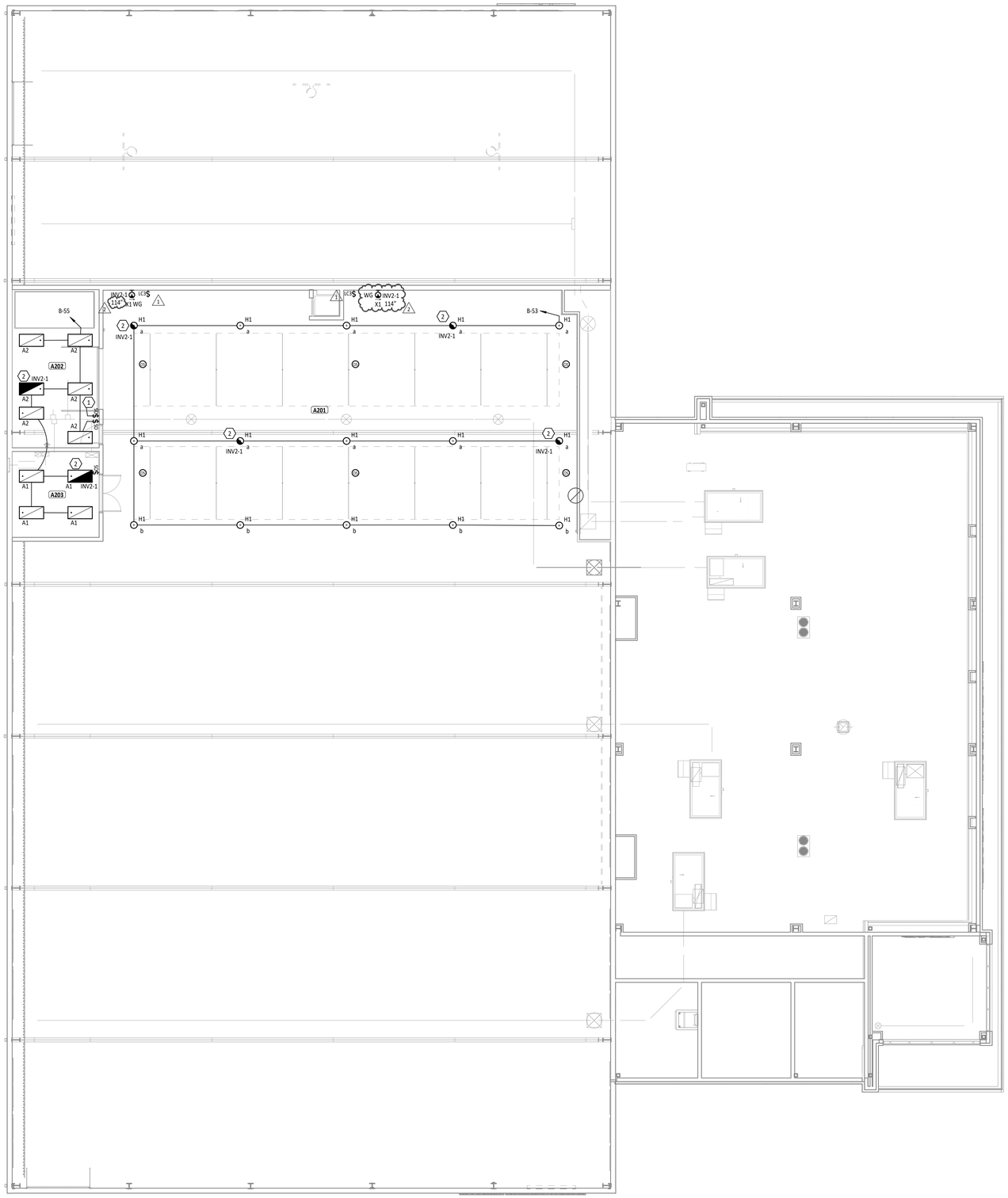
SHEET TITLE:

FIRST FLOOR LIGHTING PLAN

SHEET NUMBER:

E4.1

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1 E4.2 **SECOND FLOOR LIGHTING PLAN**
1/8" = 1'-0"

SECOND FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A201	MEZZANINE	3,093 SF
A202	GOLF SIMULATOR	373 SF
A203	STORAGE	202 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	REFER TO SHEET E5.2 FOR CONTINUATION.
2	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.

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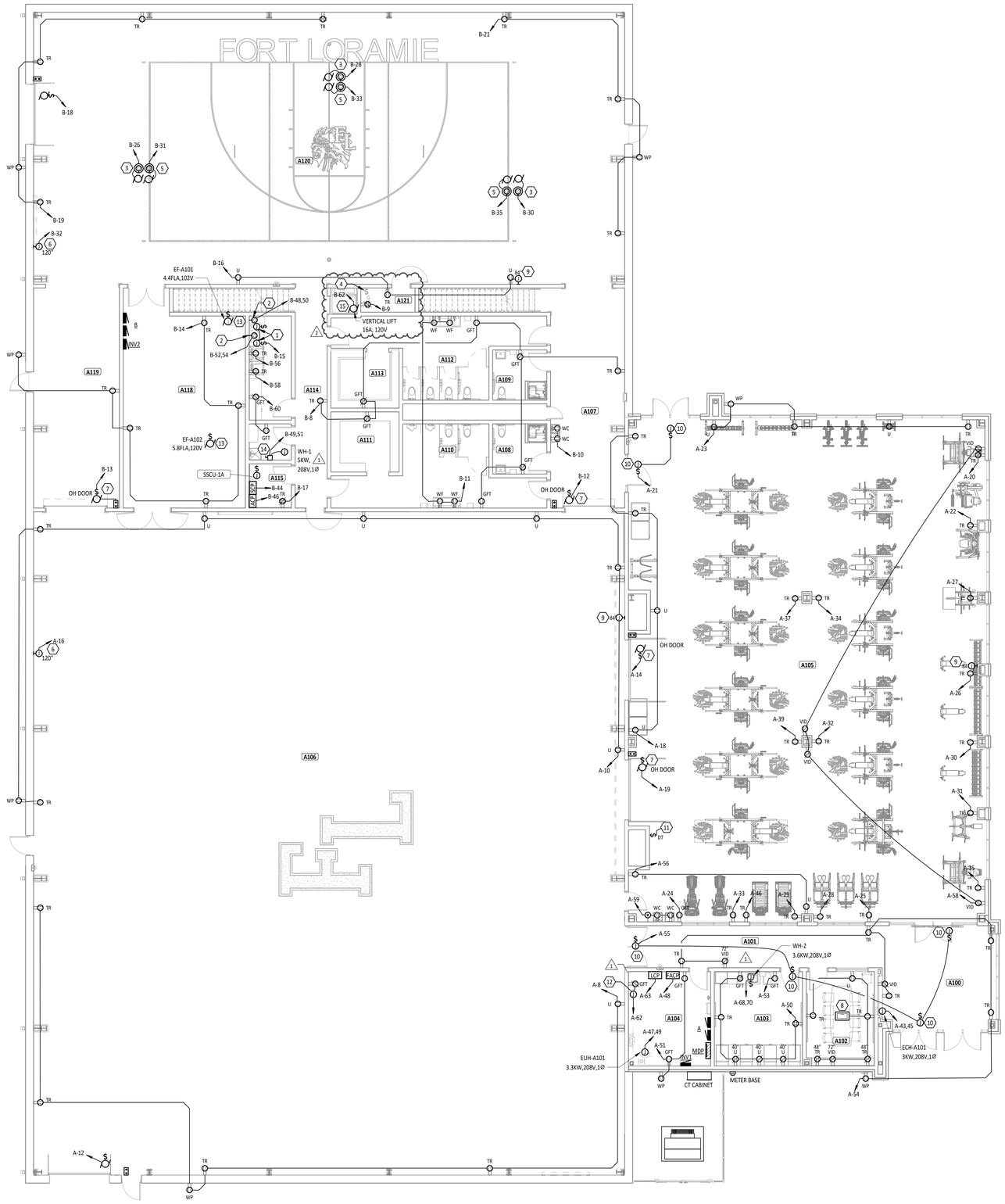
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SECOND FLOOR LIGHTING PLAN

SHEET NUMBER:
E4.2

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1 / E5.1 **FIRST FLOOR POWER 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
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A121	STORAGE	31 SF
A122	LIFT	Redundant Room

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.

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 #02	12/19/2025
2	CONSTRUCTION DOCUMENTS - ADDENDUM #04	01/05/2026

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

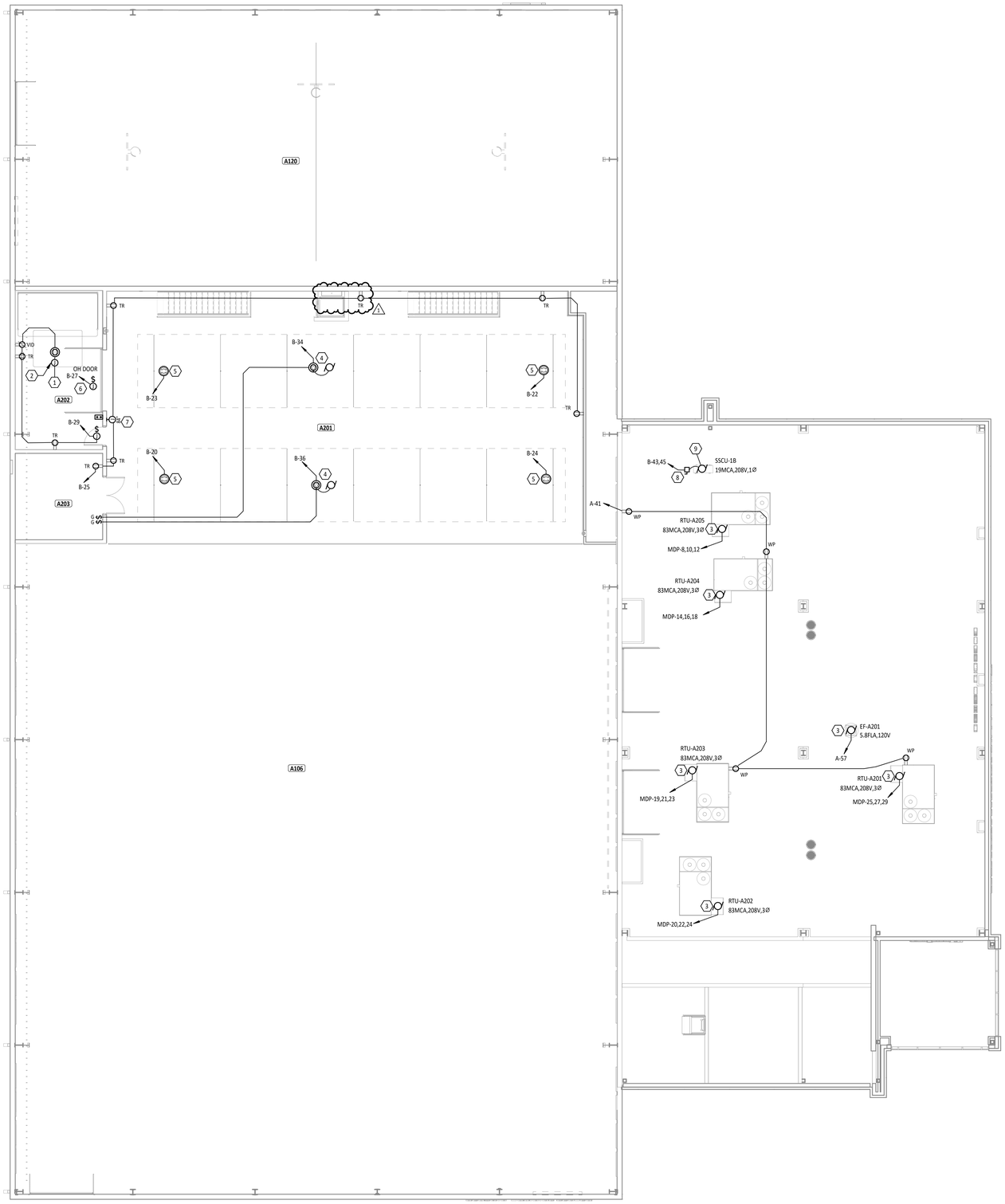
SHEET TITLE:

FIRST FLOOR POWER PLAN

SHEET NUMBER:

E5.1

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1 E5.2 **SECOND FLOOR POWER PLAN**
1/8" = 1'-0"

SECOND FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A201	MEZZANINE	3,093 SF
A202	GOLF SIMULATOR	373 SF
A203	STORAGE	202 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	REFER TO SHEET E4.2 FOR CONTINUATION.
2	PROVIDE NECESSARY CONNECTIONS TO LIGHTING FURNISHED WITH GOLF EQUIPMENT. LIGHTING TO BE CONTROLLED BY OCCUPANCY SENSOR. REFER TO SHEET E4.2 FOR ADDITIONAL INFORMATION.
3	MECHANICAL UNIT HAS INTEGRATED DISCONNECT. PROVIDE ALL ELECTRICAL CONNECTIONS.
4	BATTING CAGE RAISE/LOWER 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 (RAISE/LOWER) BY A SWITCH LOCATED IN STORAGE ROOM A203.
5	PROVIDE 4" POKE-THRU FLOOR BOX WITH TWO (2) TAMPER RESISTANT RECESSED RECEPTACLES, 2-HOUR FIRE RATING. POKE-THRU DEVICE SHALL BE LEGRAND EVOLUTION SERIES 4ATCP4R OR EQUAL. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
6	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.
7	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.
8	PROVIDE 30A, 208V, HEAVY DUTY, NON-FUSED DISCONNECT IN NEMA 3R ENCLOSURE.
9	MINI SPLIT A/C UNIT FOR ROOM A115. PROVIDE NECESSARY CONNECTIONS REQUIRED FOR UNIT. EXTEND POWER/CONTROL WIRING TO CONDENSING UNIT LOCATED IN ROOM A115. EXTEND CIRCUIT TO CONDENSATE PUMP. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR.

STATE OF OHIO
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ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM #04	01/05/2026

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

SHEET TITLE:
SECOND FLOOR POWER PLAN

SHEET NUMBER:
E5.2

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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
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
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
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
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(848)-04-40-80-MULT-20X20-K CORE ARCHITECTURAL | LWW120-CV SERIES ACCLAIM | LINEAR XTR 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
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
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
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-J2 SERIES LITE CONTROL | STANCE 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
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.	ACOLYTE | CHASS M SVV2 RB O SWDR20 3.0 40 NOVA FLEX | NF SERIES LUMINII | KLW SERIES
W1	WALL	LED	6,000 lm	4000K	80 CRI	ELECTRONIC DRIVER	UNV	47 W	LED WALL PACK, DIE CAST ALUMINUM HOUSING, BLACK FINISH		LITHONIA | WPX2 LED 40K MVOLT DBLXD MCGRAW EDISON | GKO SERIES EXO | SLING 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
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 | LIPIB SERIES
X1	VARIES	LED	N/A	RED	N/A	ELECTRONIC DRIVER	UNV	2 W	LED EXIT FIXTURE, WHITE THERMOPLASTIC HOUSING, UNIVERSAL MOUNTING.	2 MOUNT 4" ABOVE DOOR (IF APPLICABLE). PROVIDE WITH BOARD WHERE NOTED ON DRAWINGS.	LITHONIA | LCM-S W RG MVOLT M6 SURE-LITES | APX SERIES COMPASS | CC SERIES

1

2

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 #02	12/19/2025
2	CONSTRUCTION DOCUMENTS - ADDENDUM #04	01/05/2026
	RECORD DOCUMENTS	XX/XX/20XX

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

SHEET TITLE:

LUMINAIRE SCHEDULE

SHEET NUMBER:

E7.1

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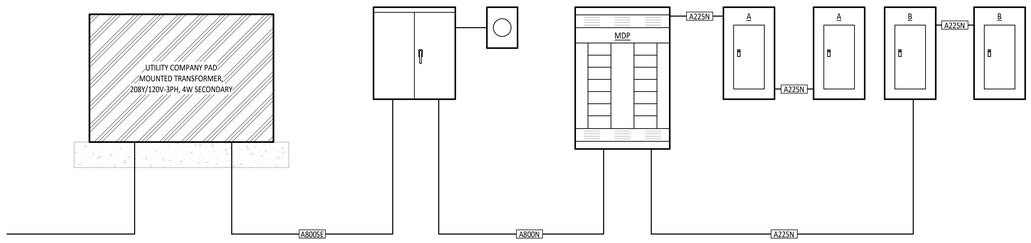
DISTRIBUTION PANEL MDP

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				
	VA SUBTOTALS:				89666 VA	81584 VA	81241 VA					
	AMP SUBTOTALS:				748 A	680 A	677 A					

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 / E8.1 **ELECTRICAL ONE-LINE DIAGRAM**
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
A800N	(3) PARALLEL SETS OF (4) #400 KCMIL AL., #3/0 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: ***SECTION 1 OF 2*** ***OTHER:***
PROVIDE PANEL WITH SURGE PROTECTION DEVICE (SPD). PROVIDE CIRCUIT BREAKER SIZED PER MANUFACTURER RECOMMENDATIONS IF SPD IS EXTERNAL.

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	
	VA SUBTOTALS:				26961 VA	23888 VA	20671 VA					
	AMP SUBTOTALS:				229 A	203 A	172 A					

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	
	VA SUBTOTALS:				12800 VA	10376 VA	7070 VA					
	AMP SUBTOTALS:				111 A	91 A	59 A					

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: ***SECTION 1 OF 2*** ***OTHER:***
PROVIDE PANEL WITH SURGE PROTECTION DEVICE (SPD). PROVIDE CIRCUIT BREAKER SIZED PER MANUFACTURER RECOMMENDATIONS IF SPD IS EXTERNAL.

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	
	VA SUBTOTALS:				22860 VA	17856 VA	20735 VA					
	AMP SUBTOTALS:				194 A	149 A	176 A					

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)	2
3 / A1	WH-1	2	35	49	2500 / 2250			50				
	LIGHTING	1	20	53			1674 / 2250	54	30	2	CLOTHES DRYER(120/208)	2
	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	3
	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	
	VA SUBTOTALS:				10582 VA	8331 VA	9265 VA					
	AMP SUBTOTALS:				89 A	69 A	78 A					

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-PROVIDE 2-#10 AWG CU, 1-#10 AWG CU GRD.
2-PROVIDE 3-#10 AWG CU, 1-#10 AWG CU GRD.
3-PROVIDE 2-#8 AWG CU, 1-#10 AWG CU GRD. 1

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 #02	12/19/2025
2	CONSTRUCTION DOCUMENTS - ADDENDUM #04	01/05/2026

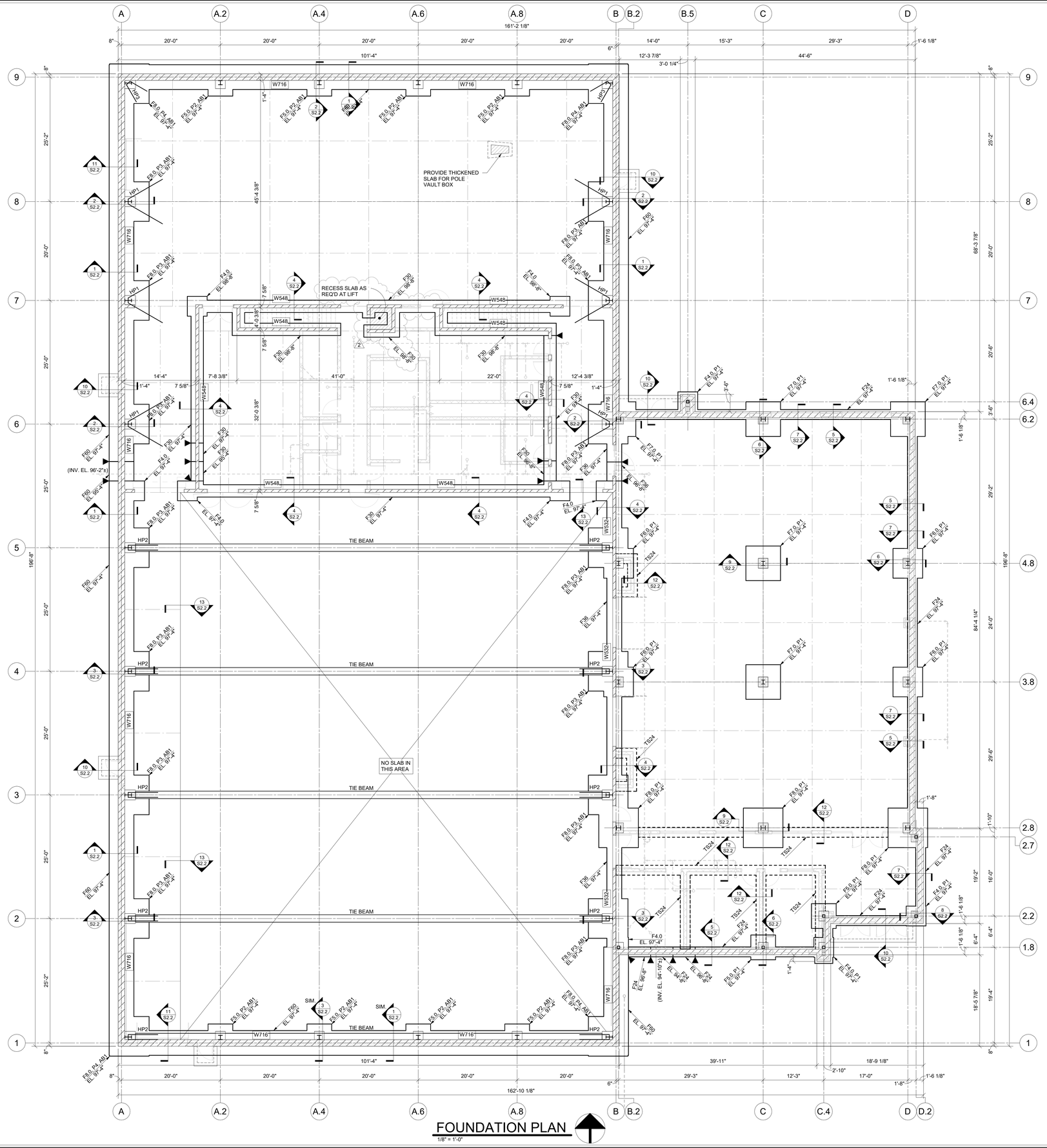
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

SHEET TITLE:
ELECTRICAL ONE-LINE DIAGRAM AND PANEL SCHEDULES

SHEET NUMBER:
E8.1

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FOUNDATION PLAN

1/8" = 1'-0"

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

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. NOTIFY THE ARCHITECT AND SOILS ENGINEER IMMEDIATELY IF UNSUITABLE SOILS ARE ENCOUNTERED 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 S0.1 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 8" 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.

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

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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
2	ADDENDUM 04	01/05/2026

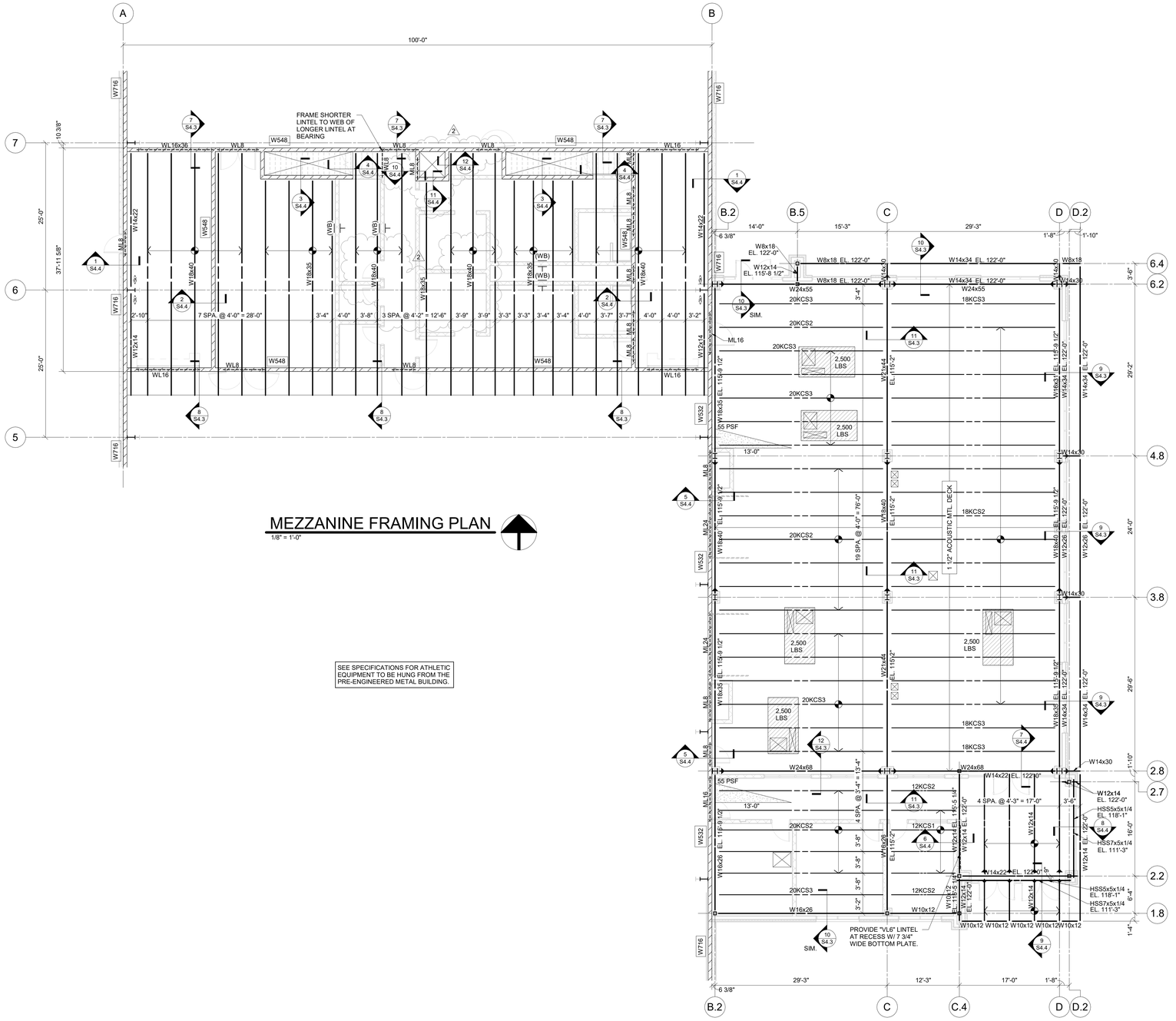
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FOUNDATION PLAN

SHEET NUMBER:
S1.1

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MEZZANINE FRAMING PLAN
1/8" = 1'-0"

ROOF FRAMING PLAN
1/8" = 1'-0"

SEE SPECIFICATIONS FOR ATHLETIC EQUIPMENT TO BE HUNG FROM THE PRE-ENGINEERED METAL BUILDING.

FLOOR FRAMING NOTES

1. DESIGN LIVE LOADS:
   - MEZZANINES: 100 PSF
   - STAIRS AND EXITS: 100 PSF
2. FLOOR CONSTRUCTION:
   4" (OVERALL) CONC. SLAB W/ 4x4-W2.9/W2.9 WWF ON 1" x 22 GA. METAL DECK. MESH IS TO BE SUPPORTED DURING CONCRETE PLACEMENT ON CHAIRS OR BOLSTERS AT MID-DEPTH OF SLAB, HALF-WAY BETWEEN THE TOP OF DECK RIBS AND THE TOP OF SLAB. MESH IS NOT TO BE PULLED INTO PLACE DURING CONCRETE PLACEMENT. WIRE MESH IS AN INTEGRAL COMPONENT OF THE SLAB DESIGN AND MAY NOT BE REPLACED WITH FIBER ADDITIVE. SEE SECTION 2/S4.3 FOR TYPICAL DECK ATTACHMENT TO SUPPORTING STRUCTURE.
3. ⊠ INDICATES FLOOR OPENING. COORDINATE EXACT SIZE AND LOCATION WITH THE APPROPRIATE TRADE CONTRACTOR(S). NOT ALL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS. SEE SECTION 4/S4.3 FOR FRAMING OF ALL OPENINGS EQUAL TO OR GREATER THAN 12" SQUARE OR DIAMETER. ADDITIONAL FRAMING IS NOT REQUIRED FOR OPENINGS LESS THAN 12" SQUARE.
4. TOP OF STRUCTURAL STEEL / DECK BEARING ELEVATION 111'-8" UNLESS NOTED OTHERWISE. SEE PLAN FOR OTHER TOP OF STEEL ELEVATIONS. REFERENCE ELEVATION 100'-0" = TOP OF FIRST FLOOR SLAB ON GRADE.
5. SLABS ON METAL DECK ARE TO BE FINISHED TO A THEORETICAL LEVEL. THICKNESSES GIVEN ARE APPLICABLE AT COLUMNS, BEARING WALLS, AND OTHER RIGID SUPPORTING ELEMENTS. SLABS MAY, THEREFORE, BE THICKER AT MID-SPAN OF SUPPORT DUE TO DEFLECTION UNDER WET CONCRETE. THE CONTRACTOR IS TO CONSIDER THE VOLUME OF THIS ADDITIONAL CONCRETE IN THEIR BID.
6. SEE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT INDICATED HEREIN.
7. CAMBER IS NOT REQUIRED IN STEEL BEAMS UNLESS INDICATED BY "C+".
8. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

ROOF FRAMING NOTES

1. DESIGN LIVE/SNOW LOADS:
   - ROOF LIVE: 20 PSF
   - ROOF SNOW: 20 PSF + DRIFT
   - WIND (NET UPLIFT): -10 PSF
2. ROOF CONSTRUCTION:
   1-1/2" x 22 GA WIDE RIB, AND WIDE RIB ACOUSTIC, METAL DECK. SEE SECTION 3/S4.3 FOR TYPICAL ATTACHMENT TO SUPPORTING STRUCTURE.
3. INDICATES BEAM-TO-BEAM MOMENT CONNECTION PER SECTION 1/S4.1 OR BEAM-TO-COLUMN MOMENT CONNECTION PER SECTIONS 2/S4.1 OR 3/S4.1.
4. (xx)k INDICATES UNFACTORED (ASD) BEAM REACTION IN KIPS. FABRICATOR TO PROVIDE CONNECTION ADEQUATE TO SUPPORT LOAD GIVEN. WHERE REACTIONS ARE NOT GIVEN, DESIGN BEAM CONNECTIONS FOR 110% OF THE UNIFORM LOAD CAPACITY LISTED IN THE AISC STEEL DESIGN MANUAL, TABLE 3-6 (55% EACH END).
5. C.A. INDICATES COLUMN ABOVE. SEE SECTION 4/S4.1 FOR WEB REINFORCING BELOW COLUMN BASE PLATE.
6. ⊠ INDICATES ROOF OPENING. COORDINATE EXACT SIZE AND LOCATION WITH THE APPROPRIATE TRADE CONTRACTOR(S). NOT ALL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS. SEE SECTION 5/S4.3 FOR FRAMING OF ALL OPENINGS EQUAL TO OR GREATER THAN 12" SQUARE OR DIAMETER. ADDITIONAL FRAMING IS NOT REQUIRED FOR OPENINGS LESS THAN 12" SQUARE.
7. WT# INDICATES MECHANICAL LOAD SUPPORTED ON ROOF. COORDINATE FINAL SIZE, WEIGHT, LOCATION, AND OPENING REQUIREMENTS WITH MECHANICAL CONTRACTOR. TOLERANCE FOR LOCATION OF ACTUAL UNIT IS ± 2 FEET IN ANY DIRECTION FROM WHERE SHOWN ON THE STRUCTURAL DRAWINGS. PROVIDE SUPPORT FRAME PER SECTION 6/S4.3 AND REINFORCE JOISTS AT SUPPORT LOCATIONS PER SECTION 1/S4.3.
8. INDICATES SNOW DRIFT LOAD ON ROOF. JOISTS HAVE BEEN SIZED FOR THE LOAD SHOWN UNLESS NOTED OR SCHEDULED OTHERWISE.
9. TOP OF STRUCTURAL STEEL AND/OR JOIST BEARING ELEVATION NOTED ON PLAN. REFERENCE ELEVATION 100'-0" = TOP OF FIRST FLOOR SLAB ON GRADE.
10. ALL JOISTS ARE TO BE DESIGNED FOR NET UPLIFT AS DEFINED IN DESIGN LOADS ABOVE. PROVIDE BRIDGING IN ADDITION TO MINIMUM SJI REQUIREMENTS IF NEEDED.
11. SEE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT INDICATED HEREIN.
12. CAMBER IS NOT REQUIRED IN STEEL BEAMS UNLESS INDICATED BY "C+".
13. REINFORCE JOISTS AT CONCENTRATED LOADS PER SECTION 1/S4.3.
14. SEE SHEET S4.1 FOR COLUMN SCHEDULE AND DETAILS.
15. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

MASONRY WALL NOTES

1. ML(d) INDICATES MASONRY BOND BEAM LINTEL PER SECTION 1/S4.2. USE STANDARD SCHEDULED BOND BEAM LINTELS FOR ALL EXPOSED ARCHITECTURAL OPENINGS IN NON-LOADBEARING MASONRY WALLS UNLESS NOTED OTHERWISE.
2. WL(d) INDICATES WIDE-FLANGE STEEL BEAM LINTEL PER SECTION 2/S4.2. PROVIDE 1/4" SETTING PLATE AND 3/4" ANCHOR BOLTS EACH END PER SECTIONS 6/S4.2 AND 7/S4.2.
3. VL(d) INDICATES VENEER LINTEL PER SECTION 3/S4.2. USE STANDARD SCHEDULED VENEER LINTELS FOR ALL OPENINGS IN BRICK OR MASONRY VENEERS UNLESS NOTED OTHERWISE.
4. (WB) INDICATES MASONRY WALL BRACE PER SECTION 4/S4.2. WALL BRACES ARE TO BE LOCATED AS SHOWN AT A SPACING NOT TO EXCEED 18x THE NOMINAL WALL WIDTH (e.g. 12'-0" O.C. FOR 8" CMU) FOR ALL INTERIOR NON-LOADBEARING MASONRY PARTITIONS WHERE SAME-HEIGHT CROSSWALLS DO NOT PROVIDE LATERAL SUPPORT AT A CLOSER SPACING. WALL BRACES ARE ALSO TO BE LOCATED AT THE FREE ENDS OF WALLS WHERE SAME-HEIGHT CROSSWALLS DO NOT PROVIDE LATERAL SUPPORT WITHIN 6x THE NOMINAL WALL WIDTH (e.g. 4'-0" FOR 8" CMU).
5. Wx INDICATES MASONRY WALL REINFORCING TYPE PER SCHEDULE. ALL REINFORCING IS VERTICAL REINFORCING UNLESS NOTED OTHERWISE. WHERE VERTICAL REINFORCING OF VERTICAL REINFORCING IS INTERRUPTED BY OPENING IN WALL (DOOR, WINDOW, LOUVER, ETC.) PROVIDE ONE FULL-HEIGHT REINFORCING BAR AT EACH JAMB FOR EACH 8'-0" OF OPENING WIDTH. SEE SCHEDULE ON SHEET S0.1 FOR LENGTH OF LAP SPLICES.
6. NOT ALL LINTELS ARE SHOWN ON THESE PLANS. SEE ARCHITECTURAL DRAWINGS FOR LOCATION, WIDTH, HEIGHT, AND ELEVATION OF ALL EXPOSED OPENINGS. COORDINATE LOCATION, WIDTH, HEIGHT, AND ELEVATION OF ALL CONCEALED OPENINGS WITH APPROPRIATE TRADE CONTRACTOR. LINTELS SHOWN OFFSET FROM CENTERLINE OF WALL TYPICALLY INDICATE OPENINGS FOR MECHANICAL, ELECTRICAL, PLUMBING, AND/OR TECHNOLOGY WORK.
7. LINTELS ARE NOT REQUIRED FOR OPENINGS IN CMU WALLS LESS THAN 16" WIDE AND IN BRICK VENEERS LESS THAN 8" WIDE. MASONRY CONTRACTOR IS TO COORDINATE ALL OPENING REQUIREMENTS WITH APPROPRIATE TRADE CONTRACTOR.
8. SEE ELEVATION A/S4.2 FOR TYPICAL REINFORCED MASONRY WALL CONSTRUCTION. PROVIDE CORNER BARS AT ALL MASONRY BOND BEAM INTERSECTIONS PER DETAIL 5/S4.2.
9. PROVIDE CONTROL JOINTS IN ALL MASONRY WALLS AT A SPACING NOT TO EXCEED THREE TIMES THE WALL HEIGHT OR 24 FEET ON CENTER, WHICHEVER IS SMALLER. IN ADDITION, PROVIDE CONTROL JOINTS AT THE ENDS OF LINTELS, CHANGES IN WALL HEIGHT, CHANGES IN WALL THICKNESS, WITHIN 2 FEET OF WALL CORNERS AND INTERSECTIONS, TRANSITIONS FROM INTERIOR WALL TO EXTERIOR WALL, AND TRANSITIONS FROM WALL BEARING ON FOUNDATION TO WALL BEARING ON FLOOR SLAB.
10. PROVIDE #3 VERTICAL REINFORCING BARS AT 72" O.C. FOR ALL PARTIAL-HEIGHT KNEE WALLS AND ALL NON-LOADBEARING MASONRY PARTITION WALLS GREATER THAN 14'-0" TALL UNLESS SHOWN OR NOTED OTHERWISE. VERTICAL REINFORCING IS NOT TYPICALLY REQUIRED FOR NON-LOADBEARING PARTITION WALLS UNDER 14'-0" TALL. SEE ARCHITECTURAL DRAWINGS FOR THE LOCATION OF ALL MASONRY WALLS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
11. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

MASONRY WALL REINFORCING SCHEDULE

MARK	VERTICAL REINFORCING	REMARKS
W448	#4 @ 48" O.C.	-
W548	#5 @ 48" O.C.	-
W532	#5 @ 32" O.C.	-
W716	#7 @ 16" O.C.	-

MASONRY WALL REINFORCING SCHEDULE NOTES:

1. ALL BARS TO BE CENTERED IN CELL UNLESS NOTED IN SCHEDULE. COORDINATE POSITION WITH STRUCTURAL DETAILS.
2. PROVIDE ADDITIONAL BARS AT JAMBS OF OPENINGS AS INDICATED IN THE TYPICAL REINFORCED MASONRY WALL ELEVATION. PROVIDE ADDITIONAL BARS AT SPECIFIC LOCATIONS AS INDICATED ON PLAN.
3. LAP ALL BARS PER STANDARD MASONRY REINFORCING LAP SCHEDULE ON GENERAL STRUCTURAL SHEETS.

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

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmkgrp.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
2	ADDENDUM 04	01/05/2026

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

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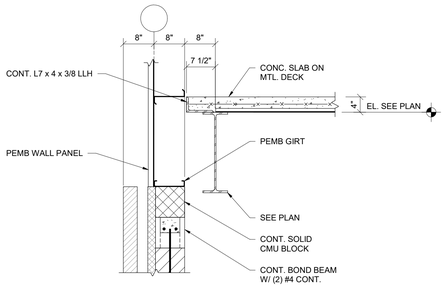
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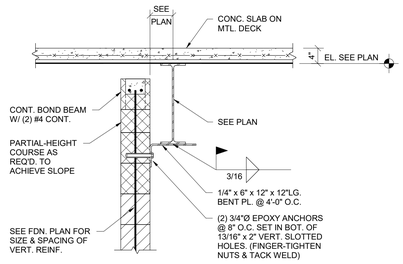
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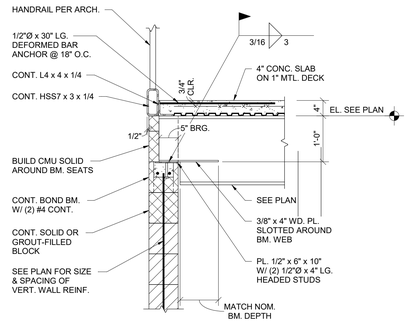
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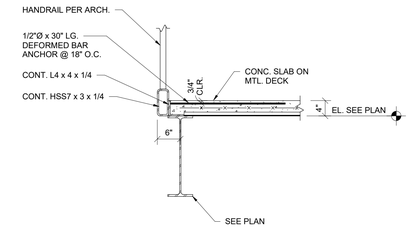
SECTION 1 — 3/4" = 1'-0"



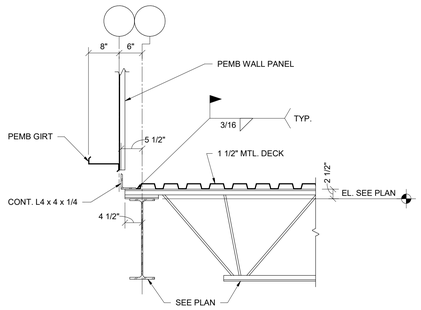
SECTION 2 — 3/4" = 1'-0"



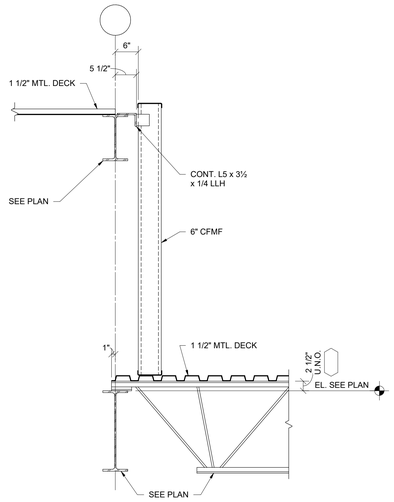
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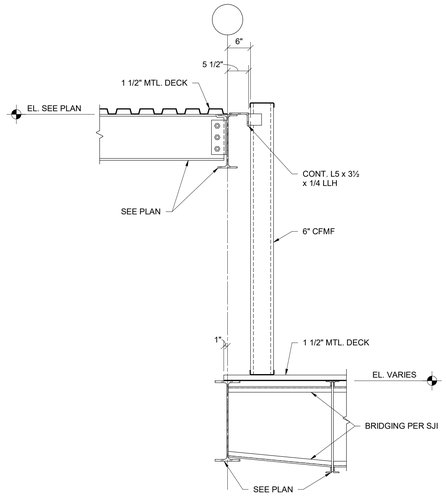
SECTION 4 — 3/4" = 1'-0"



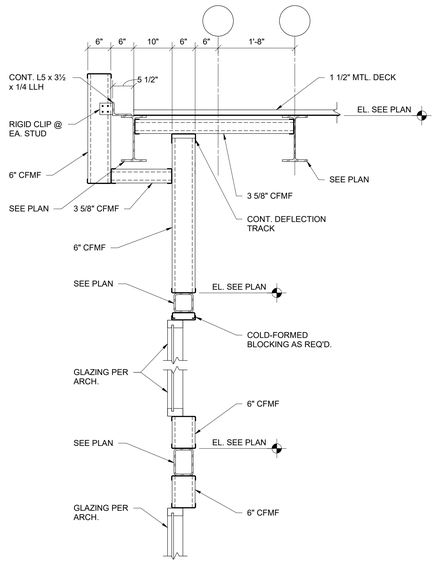
SECTION 5 — 3/4" = 1'-0"



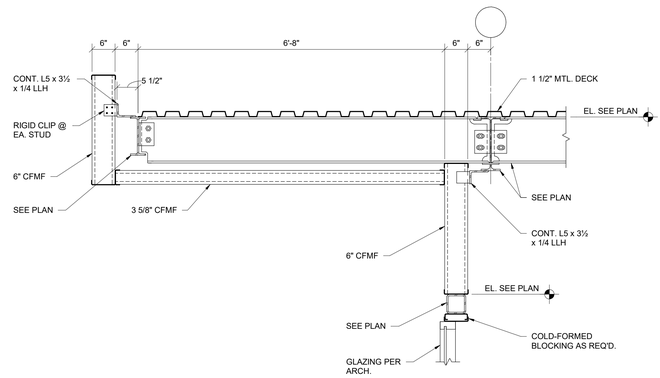
SECTION 6 — 3/4" = 1'-0"



SECTION 7 — 3/4" = 1'-0"

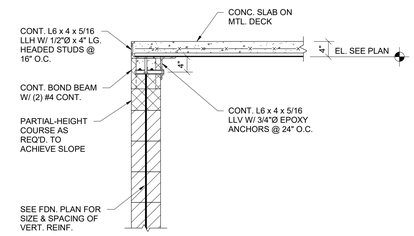


SECTION 8 — 3/4" = 1'-0"



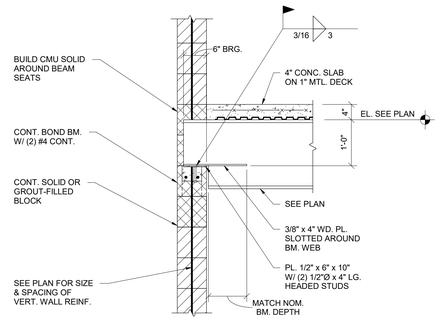
SECTION 9 — 3/4" = 1'-0"

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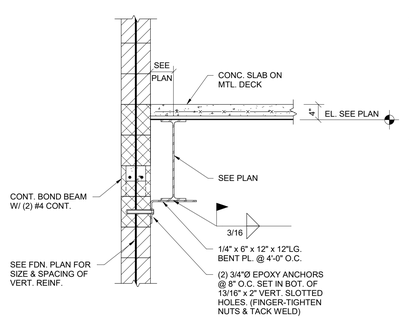
SECTION 10 — 3/4" = 1'-0"

2



SECTION 11 — 3/4" = 1'-0"

2



SECTION 12 — 3/4" = 1'-0"

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

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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 04	01/05/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JPK (R25)	SNF

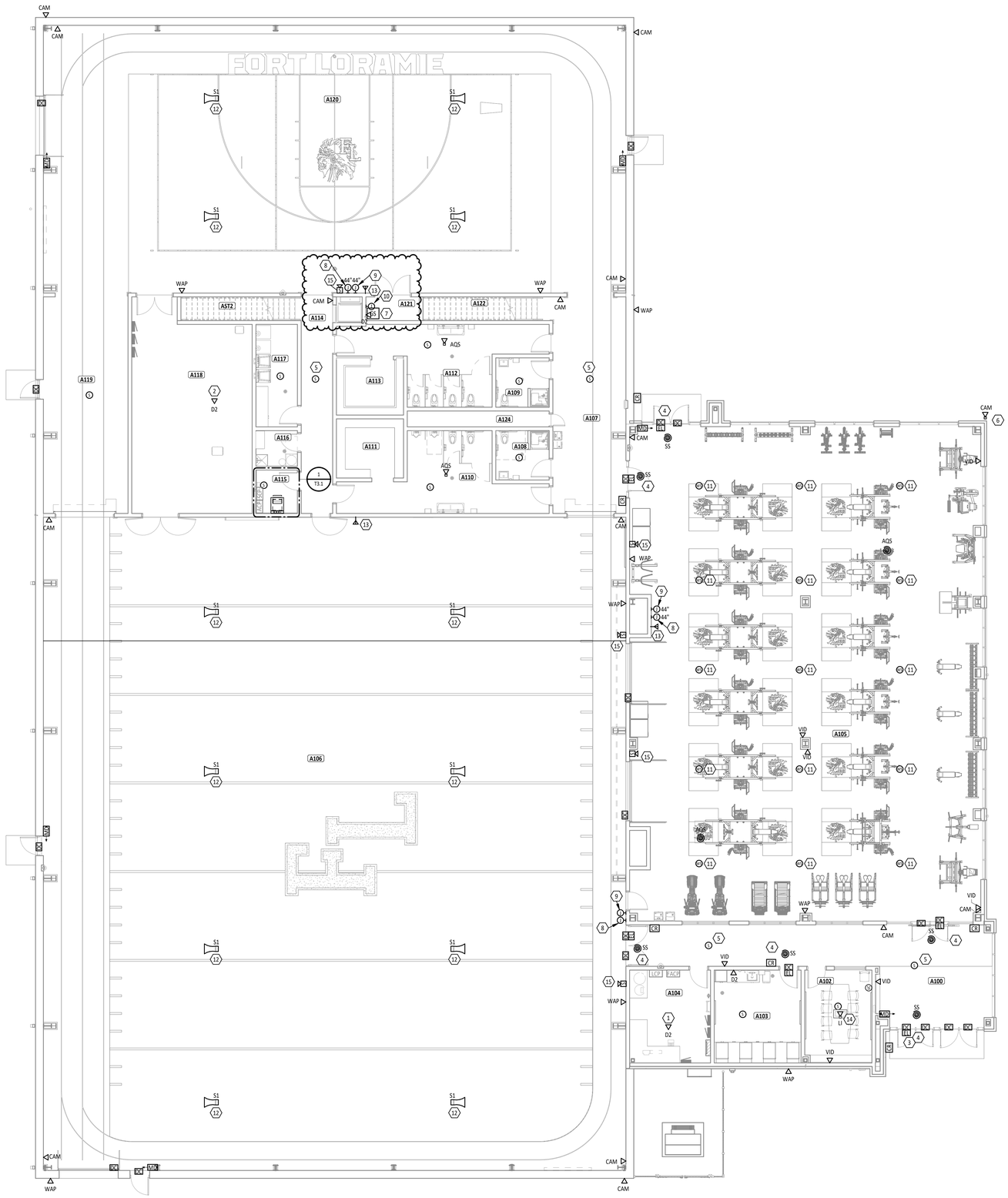
SHEET TITLE:

FRAMING DETAILS

SHEET NUMBER:

S4.4

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FIRST FLOOR TECHNOLOGY CABLING 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	220 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	Redundant Room

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 PENDANT SPEAKER POSITIONED THE SAME HEIGHT AS THE LIGHTS.
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.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

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

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1	CONSTRUCTION DOCUMENTS - ADDENDUM #04	01/05/2026

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

SHEET TITLE:

FIRST FLOOR TECHNOLOGY CABLING PLAN

SHEET NUMBER:

TC1.1