# ADDENDUM NO. 03

**November 2, 2026**

**Franklin Central High School Health Sciences Pavilion**
**6215 S. Franklin Rd**
**Indianapolis, IN 46259**

## TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated September 18, 2026, by Wold VPS Architecture (Architect). Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 3-1 through ADD 3-2, Wold VPS Addendum No. 03 dated November 2, 2026, consisting of 2 pages, Specification Sections 10 14 23 Signage, 10 22 27 Operable Glass Partitions and a combined total of 8 drawings.

**Work activities that may disturb the operation of the school will have to be performed off hours as needed. These will need to be coordinated with the Owner and Skillman's Site Manager.**

1) Sheet A001 – Walls C1, C2 and C3 – Change "Grout Cores Solid" to "See Structural Sheets for Grouting Requirements".

2) Vapor-Impermeable Weather Barrier on block below grade is the responsibility of BC #3 – Masonry.

**A. <u>SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY</u>**

B. BID CATEGORY NO. 2 – GENERAL TRADES

<u>Add the following Specification Section</u>

Section 10 22 27 Operable Glass Partitions

I. BID CATEGORY NO. 13 – ELECTRICAL AND TECHNOLOGY

Revise Clarification #4 to read

Provide lighting circuit with junction box and 6' long light fixture whip for fixtures A,AX, B, BX, C, CX, E, M, MX. Light Fixture and installation are by others.

Electrical Question:

We would like to confirm that the six existing Q-room panels on ED-101 get new interiors in the existing boxes, and which old panel each new name replaces. Matching the old names to the new ones by position, I read it as 12Q1–4 becoming 1NPBQ21–24, SH2 becoming 1NPBQ41 (480V) and SL2 becoming 1NPBQ25. That's my inference, since no sheet states the mapping. Drawing EP-101 shows panels 1GPBQ41, 1GPBQ21 and transformer 1GXRQ41 and are not part of note 6 from ED-101. They're shown as new, complete equipment on EP101 with their own feeders. These are also not shown on the E-706 One Line. The E-700 One Line makes references to E701-705. These do not exist in the drawings. Please advise. So far these panels are not being quoted by manufacturers since they are missing from the one line.

Answer:

The panelboards are getting new interiors as the drawing indicates. The generator backed panelboards and transformer are being fed from the 480V panelboard in that room as noted on the new drawing. Contractor needs to bid the complete set of drawings and specifications, not just the one-line.

**To:** Prospective Bidders

**From:** Wold VPS

**Date:** November 2, 2026

**Comm. No:** 260804016 / 2025019

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**Subject:** Addendum No. 3 for Bidding Documents for the
**Franklin Township Community School Corporation**
**Franklin Central High School Health Sciences Pavilion**
**Indianapolis, Indiana**

**BIDS DUE NOVEMBER 4, 2026 AT 2:00 P.M. EST.**

This addendum forms a part of the Contract Documents dated September 18, 2026. Acknowledge receipt of this Addendum on the space provided on the Bid Form. Failure to do so may result in disqualification of Bid.

This Addendum consists of 2 typed sheets and 10 attachments:
Specification Sections:
10 14 23 Signage
10 22 27 Operable Glass Partitions
Sheets:
A001 General Project Information
A002 Life Safety Plans and Code Summary
A101HSP First Floor Architectural Floor Plan – Area HSP
A201HSP First Floor Reflected Ceiling Plan – Area HSP
MP102 Mechanical Piping First Floor Plan – Unit HSP
MH102 Mechanical HVAC First Floor Plan – Unit HSP
M-701 Temperature Controls Schematic
EL103 Electrical Lighting First Floor Plan – Unit HSP

**PROJECT MANUAL**

1. **SPECIFICATION SECTION 10 14 23 ~~Panel~~ Signage**
   A. Reissued this addendum.
   B. Revise section name as 10 14 23 Signage.
2. **SPECIFICATION SECTOIN 10 22 27 Operable Glass Partitions**
   A. Reissued this addendum.

Wold VPS

**DRAWINGS**

1. **A001 GENERAL PROJECT INFORMATION**
   A. Delete and replace in its entirety.
2. **A002 LIFE SAFETY PLANS AND CODE SUMMARY**
   A. Delete and replace in its entirety.
3. **A101HSP FIRST FLOOR ARCHITECTURAL FLOOR PLAN – AREA HSP**
   A. Delete and replace in its entirety.
4. **A201HSP FIRST FLOOR REFLECTED CEILING PLAN – AREA HSP**
   A. Delete and replace in its entirety.
5. **MP102 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT HSP**
   A. Delete and replace sheet in its entirety.
6. **MH102 MECHANICAL HVAC FIRST FLOOR PLAN – UNIT HSP**
   A. Delete and replace sheet in its entirety.
7. **M-701 TEMPERATURE CONTROLS SCHEMATIC**
   **A.** Delete and replace sheet in its entirety.
8. **EL103 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT HSP**
   A. Delete and replace sheet in its entirety.

**END OF ADDENDUM #3**

**SECTION 10 14 23**
**~~PANEL~~ SIGNAGE**

## PART 1 GENERAL

### 1.01 SECTION INCLUDES

A. Panel signage.
   1. Room Identifications signs.
      a. Include one sign for each door in door schedule.
   2. Interior directional and informational signs.
      a. ***Solid cast acrylic sign panels identified as "Resin" including applied vinyl lettering and concealed stand-off mounting hardware.***

B. Vinyl signage.
   1. Including privacy and decorative window film, where indicated.

C. Building plaque.
   1. Provide one, mounting location to be selected by Owner / Architect.

D. Exterior dimensional building signage.
   1. Exterior wall-mounted school logo signage.

### 1.02 SUBMITTALS

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

B. Product Data: Manufacturer's product literature for each type of panel sign, indicating styles, font, foreground and background colors, locations, and overall dimensions of each sign.

C. Shop Drawings:
   1. Include dimensions, locations, elevations, materials, text and graphic layout, attachment details, and schedules.
   2. Show locations of electrical service connections.
   3. Schedule: Provide information sufficient to completely define each panel sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.
      a. When room numbers to appear on signs differ from those on drawings, include the drawing room number on schedule.
      b. When content of signs is indicated to be determined later, request such information from Owner through Architect at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
      c. Submit for approval by Owner through Architect prior to fabrication.

D. Selection Samples: Where colors, materials, and finishes are not specified, submit two sets of color selection charts or chips.

E. Manufacturer's qualification statement.

### 1.03 QUALITY ASSURANCE

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

B. Professional Engineer Qualifications for Exterior Signage (not attached to the building): A professional engineer who is legally qualified to practice in jurisdiction where Project is located and who is experienced in providing engineering services of the kind indicated. Engineering services are defined as those performed for design and installations of signs, and miscellaneous support that are similar to those indicated for this project in material, design and extent.

C. Storm Shelter Signage: Shall comply with ICC 500 Standard for the Design and construction of Storm Shelters, Section 504 where applicable.
   1. Characters and graphics, including but not limited to, copy height, letter stroke, symbols, materials, and finishes indicated on the Drawings are intended as guidelines for compliance. Should conflicts arise, notify the Architect before proceeding.

### 1.04 DELIVERY, STORAGE, AND HANDLING

A. Package signs as required to prevent damage before installation.

B. Package room and door signs in sequential order of installation, labeled by floor or building.
C. Store under cover and elevated above grade.

**1.05 FIELD CONDITIONS**

A. Do not install tape adhesive when ambient temperature is lower than recommended by manufacturer.
B. Maintain minimum ambient temperature during and after installation.
C. Field Measurements: Where sizes of signs are determined by dimensions of surfaces on which they are installed, verify dimensions by field measurement before fabrication and indicate measurements on Shop drawings.
D. Establish Dimensions: Where field measurements cannot be made without delaying the Work, establish sign dimensions and proceed with fabrication without field measurements. Coordinate fabrication with construction progress to avoid delay.
E. Installation: Coordinate installation with Owner. For signs supported by or anchored to permanent construction, coordinate specific requirements for types and placement of anchorage devices and similar items to be used for attaching signs.
F. For signs supported by or anchored to permanent construction, furnish templates for installation of blocking, anchorage devices, and electrical conduits.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

A. Essential Signs
B. Vinyl Film:
    1. Gerber Technologies as manufactured by 3M: www.gerber tcechnologies.com.
    2. Any product that meets the intent of the specification is acceptable.

**2.02 REGULATORY REQUIREMENTS**

A. Accessibility Requirements: Comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most restrictive requirements.

**2.03 PANEL SIGNAGE**

A. Panel Signage:
    1. Application:
        a. Room and door signs.
    2. Description: Cast acrylic Flat signs with non-glare matte finish media.
        a. Multiple layers as required to crate "pocket" for inserts.
    3. Sign Size: As indicated on drawings.
    4. Total Thickness: .080"
    5. Color and Font, unless otherwise indicated:
        a. Character Font:
            1) Helvetica, sans serif
        b. Character Case:
            1) Upper case only
        c. Background Color: Brushed Aluminum
        d. Character Color: Black color.
    6. Profile: Flat panel without frame.
    7. Tactile Letters: Raised 1/32 inch minimum.
    8. Braille: Grade II, ADA-compliant.
    9. Symbols:
        a. Raised accessibility pictograms, minimum 6-inch height.
        b. International Symbol of Accessibility where indicated.
    10. One-Sided Wall Mounting: Manufacturer's recommended permanent adhesive compatible with acrylic substrates.
    11. Glass Mounting of One-sided signs: Provide blank matching backer panel.

## 2.04 SIGNAGE APPLICATIONS

A. Room and Door Signs:
   1. Classroom and Office Doors: Identify with room names and numbers to be determined later, not those indicated on drawings.
      a. Provide "window" section for replaceable occupant name.
   2. Conference and Meeting Rooms: Identify with room names and numbers to be determined later, not those indicated on drawings.
   3. Service Rooms: Identify with room names and numbers to be determined later, not those indicated on drawings.

## 2.05 VINYL GRAPHICS

A. High performance cast vinyl for printing and vinyl cutting for interior and exterior applications including glazing and wall surfaces.
B. ***Acrylic Panels for Applied Vinyl Graphics: Provide acrylic panels with stand-off mounting hardware where indicated on Drawings, provide the following:***
   1. ***Material: Solid cast acrylic sheet complying with Paragraph 2.08.C***
   2. ***The designation "Resin" shall mean solid cast acrylic panels specified herein.2. Thickness: Minimum 1/4 inch. Provide greater thickness where required for panel dimensions and mounting configuration to support applied vinyl lettering without bowing, sagging, or distortion.***
   3. ***Color: Clear or translucent light color as selected by Architect from submitted material samples.***
   4. ***Fabrication: Provide panel sizes and shapes indicated on Sheet A506, with polished edges free of saw marks and chips.***
   5. ***Graphics: Provide applied vinyl lettering as indicated on Sheet A506, using vinyl materials specified in this Article and compatible with the acrylic substrate.***
   6. ***Mounting: Provide concealed stand-off mounting hardware and anchorage suitable for the panel size, weight, and supporting substrate. Size and space hardware to adequately support panels and maintain panels flat and rigid without bowing, sagging, or distortion.***
C. Provide acrylic panel on stand-offs for mounting vinyl graphics where indicated on drawings.
D. Solid Color Vinyl Film:
   1. Vinyl and Adhesive Thickness: 2.5 to 3.5 mil (0.063 to 0.09 mm).
   2. Finish: Gloss.
   3. Finish: Matte.
   4. Color(s): See Drawings and/or Interior Material Finish/Color Schedule on the Drawings.
   5. Products:
      a. Gerber Technologies: 220 High Performance; www.gerbertechnologies.com.
E. Translucent Vinyl:
   1. Vinyl and Adhesive Thickness: 2.0 to 3.0 mil (0.0 to 0.0 mm).
F. Color(s): See Drawings and/or Interior Material Finish/Color Schedule on the Drawings.
   1. Products:
      a. Gerber Technologies: 230 Translucent; www.gerbertechnologies.com.

## 2.06 EXTERIOR DIMENSIONAL BUILDING SIGNAGE

A. Application: Exterior wall-mounted "FC" logo with lightning bolt where indicated on Drawings.
B. Overall Size: As shown on drawings.
C. Construction: Fabricated aluminum dimensional characters and graphics suitable for exterior exposure.
D. Depth: 2 inches minimum.
E. Finish: Factory-applied painted finish; colors as indicated on Drawings and selected by Architect from manufacturer's full range.
F. Illumination: None. Sign shall be non-illuminated.
G. Mounting: Concealed mechanical fasteners. Anchor through brick veneer into structural backup; do not support sign from brick veneer alone. Provide corrosion-resistant anchors, spacers, and accessories. Seal penetrations watertight.

H. Fabricate logo from electronic artwork provided by Owner/Architect.

**2.07 PLAQUE**

A. Manufacturers: Essential Signs

B. Cast Plaques: Provide castings free of pits, scale, sand holes, and other defects, as follows:

1. Plaque Material: Aluminum.
2. Background Texture: Textured background an raised/ recessed text
3. Text: To be determined by Owner / Architect prior to fabrication. Match existing plaques.
4. Border Style: Square, polished.
5. Mounting: Concealed stud mounting
6. Size: 30" W x 36" H

**2.08 MATERIALS**

A. Metals:

1. General: For the fabrication of exposed metal work, use only materials, which are smooth and free of surface blemishes including pitting, roughness, seam marks, roller marks, and trade names. Do not use materials that have stains or discolorations.
   a. Provide stretcher leveled standard of flatness.

B. Aluminum Sheet and Plate: ASTM B 209 (ASTM 209M), alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with at least the strength and durability properties of alloy 5005-H15.

1. Thickness: Provide aluminum sheets and plates in sizes specified or indicated on the Drawings.
2. Aluminum Extrusions: ASTM B 221 (ASTN B 221M), alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with at least the strength and durability properties of alloy 6063-T5.

C. Plastic:

1. General: Plastic shall be free of imperfections from forming or fabrication. All surfaces shall be free from scratches and shall be cleaned and polished per manufacturer's instructions at completion of installation. Edges shall be flame polished, free of saw marks and chips, and be eased, unless otherwise noted.
2. Monolithic Acrylic Sheet: ASTM D 4802, Category A-1 (cell-cast sheet), Type UVA, (UV absorbing), of thickness indicated, with Finish 1 (smooth or polished finish).
   a. Transparent: Provide colorless sheet with visible light transmittance of 92 percent measured per ASTM D 1003.
   b. ~~**Translucent: Provide white translucent sheet of density required to produce uniform brightness and minimum halation effects.**~~
   c. ***Translucent: Unless otherwise indicated, provide white translucent sheet of density required to produce uniform brightness and minimum halation effects. For panels identified as "Resin" provide translucent light color as selected by Architect under Paragraph 2.05.B.***
   d. Opaque: Provide colors and finishes indicated or, if not indicated, as selected by Architect from manufacture's full range.
   e. Colored Coatings for Acrylic Sheet: For copy and background and frame colors, provide Pantone Matching System (PMS) colored coatings, including inks and paints, that are recommended by acrylic manufacturers for optimum adherence to acrylic surface and are non-fading for application intended.

**2.09 ACCESSORIES**

A. Concealed Screws: Noncorroding metal; stainless steel, galvanized steel, chrome plated, or other.

B. Exposed Screws: Stainless steel.

**PART 3 EXECUTION**

**3.01 EXAMINATION**

A. Verify that substrate surfaces are ready to receive work.

B. Verify that power and data service is correctly sized and located to accommodate panel signs.

C. Notify General Contractor or Construction Manager if conditions are not suitable for installation of signs; do not proceed until conditions are satisfactory.

**3.02 INSTALLATION**

A. Install in accordance with manufacturer's instructions.

B. Install with horizontal edges level.

C. Locate panel signs and mount at heights indicated on drawings and in accordance with ADA Standards and ICC A117.1 and localBuilding Codes.

D. Protect from damage until substant; repair or replace damaged items.

E. ***Install panels identified as "Resin" on Sheet A506 using concealed stand-off mounting hardware in accordance with reviewed Shop Drawings and manufacturer's instructions. Anchor securely to supporting construction and maintain panels level, plumb, and free of bowing, sagging, or distortion.***

**END OF SECTION 10 14 23**

**SECTION 10 22 27 – OPERABLE GLASS PARTITIONS**

**PART 1 - GENERAL**

1.1 SECTION INCLUDES

A. ~~**Operable glass partition and door for divider.**~~ ***Manually operated, individual-panel operable glass partitions designated OP-01 and OP-02 on the Drawings, each including one integrated glass pass door with panic hardware.***

B. Includes pocket door for in-wall closure.

1.2 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section includes:

1. Manually operated and manually activated, individual panel operable partitions with glass panels.

B. Related Sections include the following:

1. Division 03 Sections for concrete tolerances required.
2. Division 05 Sections for primary structural support, including pre-punching of support members by structural steel supplier per operable partition supplier's template.
3. Division 06 Sections for wood framing and supports, and all blocking at head and jambs as required.
4. Division 09 Sections for wall and ceiling framing at head and jambs.

1.3 QUALITY ASSURANCE

A. Installer Qualifications: An experienced installer who is certified in writing by the operable partition manufacturer, as qualified to install the manufacturer's partition systems for work similar in material, design, and extent to that indicated for this Project.

B. Acoustical Performance: Test operable partitions in an independent acoustical laboratory in accordance with ASTM E90 test procedure and classified in accordance with ASTM E413 to attain no less than the STC rating specified. Provide a complete and unedited written test report upon request.

C. Preparation of the opening shall conform to the criteria set forth per ASTM E557 Standard Practice for Architectural Application and Installation of Operable Partitions.

D. Do not begin installation until permanent HVAC systems are properly operating and building and temperature and humidity have stabilized.

E. The operable wall must be manufactured by a certified ISO-9001-2015 company or an equivalent quality control system.

1.4 REFERENCE STANDARDS

A. ASTM International

1. ASTM E557 Standard Practice for Architectural Application and Installation of Operable Partitions.
2. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.
3. ASTM C1036 - Standard Specification for Flat Glass.
4. ASTM C1048 - Heat-Treated Flat Glass—Kind HS, Kind FT Coated and Uncoated Glass.
5. ASTM E84 - Surface Burning Characteristics of Building Materials.
6. ASTM E413 - Classification for Rating Sound Insulation.

1.5 SUBMITTALS

A. Product Data: Material descriptions, construction details, finishes, installation details, and operating instructions for each type of operable partition, component, and accessory specified.

B. Shop Drawings: Show location and extent of operable partitions. Include plans, elevations, sections, details, attachments to other construction, and accessories. Indicate dimensions, weights, conditions at openings, and at storage areas, and required installation, storage, and operating clearances. Indicate location and installation requirements for hardware and track, including floor tolerances required and direction of travel. Indicate blocking to be provided by others.

C. Setting Drawings: Show imbedded items and cutouts required in other work, including support beam punching template.

D. Samples: Color samples demonstrating full range of finishes available by architect. Verification samples will be available in same thickness and material indicated for the work.

E. Reports: Provide a complete and unedited written sound test report indicating glass thickness and spacing in test specimen matches product as submitted.

F. Create spaces that are healthy for occupants.

1. Furnish products and materials with Health Product Declaration (HPD), Manufacturer Inventory, or other material health disclosure documentation. Products without an HPD or other disclosure documentation are not acceptable.

G. Furnish materials that generate the least amount of pollution.

1. Furnish products and materials that have third party verified environmental product declarations (EPD’s). Consider products and materials that have optimized environmental performance (reduced life cycle impacts). Products without an EPD or other disclosure documentation are not acceptable.

H. Buy American: Operable Glass Partitions to be manufactured in the United States in compliance with applicable U.S. Federal Trade Commission (FTC) and U.S. Customs Service and Border Protections regulations and be labeled "Made in America".

1.6 DELIVERY, STORAGE, AND HANDLING

A. Clearly mark packages and panels with numbering systems used on Shop Drawings. Do not use permanent markings on panels.

B. Protect panels during delivery, storage, and handling to comply with manufacturer's direction and as required to prevent damage.

1.7 WARRANTY

A. Provide written warranty by manufacturer of operable partitions agreeing to repair or replace any components with manufacturing defects.

B. Warranty period: Two (2) years.

**PART 2 - PRODUCTS**

2.1 MANUFACTURERS, PRODUCTS, AND OPERATION

A. Manufacturers: Subject to compliance with requirements, provide product by the following:

1. Basis of Design: Modernfold, Inc. www.modernfold.com
2. NanaWall
3. Avanti Systems

B. Operable Glass Partitions to be manufactured in the U.S.A.

C. Products: Subject to compliance with requirements, provide the following product:

1. Acousti-Clear Automatic – Single Panel - Manually operated and manually activated individual panel operable partition.

2.2 OPERATION

A. Acousti-Clear Automatic – Single Panel: Series of individual flat panels, manually operated and manually activated, top supported with automatic top and bottom operable seals.

B. Final Closure:

1. Horizontally expanding panel edge with removable crank.

***2. Hardware - Not Required.***

2.3 PANEL CONSTRUCTION

A. Glass Panels

1. Type: Acousti-Clear Automatic Seal – Glass Panel.
2. Nominal 4-inch thick panels in manufacturer's standard maximum 48-inch widths. All panel horizontal and vertical framing members shall be fabricated from aluminum extrusions and mechanically fastened. Frame shall be designed to minimize exposure on face of panels.
3. Panel Faces:

    a. 5/16-inch clear glass on one face, mechanically fastened and sealed in frame.

    b. 3/8-inch clear glass on one face, mechanically fastened and sealed in frame.

    c. Glass Type: Tempered, complying with ASTM C1036, ASTM C1048, CPSC 16 CFR 1201 Categories 1 & 2, and ANSI Z97.1.

4. Glass Finish:

    a. Clear tempered

5. Panel Trim: Pre-finished aluminum to protect edge of glass in the following finish:

    a. Clear Anodized

6. Acoustical ratings of panels with this construction achieve Sound Transmission Class of 45 STC, minimum, when tested in accordance with ASTM E90 and classified in accordance with ASTM E413.

2.4 SOUND SEALS

A. Vertical Interlocking Sound Seals between panels: Extruded aluminum astragals with interlocking convex/concave resilient quad-lip gaskets. Rigid plastic astragals or astragals with gaskets on only one panel edge are not acceptable.

B. Horizontal Top and Bottom Seals shall be automatic operable seals providing 7/8-inch operating clearance with an operating range of +9/16-inch to -3/8-inch. Seals shall operate automatically without tools or cranks and shall extend as panels are positioned. Fixed (non-operating) seals at top or bottom of panels are not acceptable.

2.5 SUSPENSION SYSTEM

A. #17G Suspension System - Smart Track™

1. Suspension Tracks: Minimum 11 gauge, 0.12-inch roll-formed steel track supported by adjustable steel hanger brackets supporting the load-bearing surface of the track, connected to structural support by pairs of 3/8-inch diameter threaded steel rods.

a. Exposed track soffit: Steel, integral to track, and pre-painted off-white.

1. Carriers: Two all-steel trolleys with steel ballbearing wheels and vinyl tires. Automatic indexing of panels into stack area is provided by pre-programmed switches and trolleys without electrical, pneumatic, or mechanical activation.
2. Warranty period: Five (5) years.

2.6 OPTIONS

~~**A. Pass Doors (Glass Panel):**~~

~~**1. Single Pass Doors:**~~

~~**a. Matching pass door same thickness and appearance as the panels. ADA-compliant pass door equipped with non-locking lever latch. No threshold will be permitted.**~~

~~**2. Hardware**~~

~~**a. Lever Handle (Non-Locking)**~~

~~**B. Available Accessories/Options:**~~

~~**1. Pocket Closure Door: Acousti-Seal Pocket Door by Modernfold, Inc.; factory primed for field painting.**~~

***A. Integrated Glass Pass Doors:***

***1. Provide one single-leaf glass pass door in OP-01 and one single-leaf glass pass door in OP-02, at locations indicated on the Drawings.***

***2. Provide manufacturer's standard glass pass-door assembly matching the thickness, appearance, glass finish, and exposed framing finish of the adjacent partition panels. Pass doors shall be ADA-compliant. No threshold will be permitted.***

***3. Hardware: Provide manufacturer-approved panic exit hardware with non-locking lever trim on the opposite face. Provide hinges, latching components, reinforcements, and accessories required for a complete assembly compatible with the operable glass partition system.***

***4. Coordinate door swing and hardware projections with adjacent construction, panel movement, and the partition stacking and storage arrangement.***

***B. Pocket Closure Doors:***

***1. Provide pocket closure doors at operable partition storage pockets indicated on the Drawings.***

***2. Product: Basis of Design Acousti-Seal Pocket Door by Modernfold, Inc.; factory primed for field painting.***

***3. Provide hardware and accessories required for a complete pocket closure door assembly.***

**PART 3 - EXECUTION**

3.1 INSTALLATION

A. General: Comply with ASTM E557, operable partition manufacturer's written installation instructions, Drawings and approved Shop Drawings.

B. Install operable partitions and accessories after other finishing operations, including painting have been completed.

C. Match operable partitions by installing panels from marked packages in numbered sequence indicated on Shop Drawings.

D. Broken, cracked, chipped, deformed or unmatched panels are not acceptable.

3.2 ADJUSTING

A. Adjust operable partitions to operate smoothly, easily, and quietly, free from binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Lubricate hardware and other moving parts.

3.3 EXAMINATION

A. Examine flooring, structural support, and opening, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of operable partitions. Proceed with installation only after unsatisfactory conditions have been corrected.

3.4 DEMONSTRATION

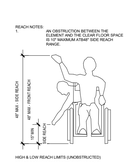
A. Demonstrate proper operation and maintenance procedures to Owner's representative.

B. Provide Operation and Maintenance Manual to Owner's representative.

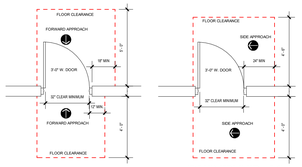
END OF SECTION 10 22 27

## ABBREVIATIONS

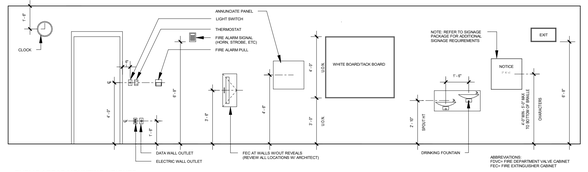
| | | | | | |
|---|---|---|---|---|---|
| L | ANGLE | F | FLUSH | P | PAINT |
| ° | DEGREES | FD | FLOOR DRAIN | PC | PRECAST CONCRETE |
| Ø | DIAMETER | FE | FIRE EXTINGUISHER | PLAM | PLASTIC LAMINATE |
| # | NUMBER | FEC | FIRE EXTINGUISHER CABINET & | PLUMB | PLUMBING |
| +/- | PLUS OR MINUS | | FIRE EXTINGUISHER | PLYWD | PLYWOOD |
| | | FFE | FINISH FLOOR ELEVATION | PR | PAIR |
| ACOUST | ACOUSTIC/ ACOUSTICAL | FF & E | FURNISHING, FIXTURES | PREP | PREPARE |
| ACP | ACOUSTIC CEILING PANEL | | AND EQUIPMENT | PT | PRESSURE TREATED |
| ACT | ACOUSTIC CEILING TILE | FG | FULL GLASS | PTD | PAINTED |
| ADA | AMERICAN DISABILITIES ACT | FHC | FIRE HOSE CABINET | PVC | POLYVINYL CHLORIDE |
| ADJ | ADJUSTABLE | FL | FLOOR | | |
| A/E | ARCHITECT/ENGINEER | FR | FIRE RESISTANT | QTY | QUANTITY |
| AED | AUTOMATED EXTERNAL | FRT | FIRE RETARDANT TREATED | QZT | QUARTZ TOP |
| | DEFIBRILLATOR | FT | FLOOR TILE | | |
| AFF | ABOVE FINISHED FLOOR | FVC | FIRE VALVE CABINET | R | RISER |
| ANOD | ANODIZED | | | RAD | RADIOS |
| AL | ALUMINUM | GA | GAUGE | RB | RESILIENT WALL BASE |
| ALT | ALTERNATE | GB | GRAB BAR | RCP | REFLECTED CEILING PLAN |
| AP | ACCESS PANEL | GALV | GALVANIZED | RD | ROOF DRAIN |
| APPROX | APPROXIMATE | GL | GLASS | REINM | REINFORCE/REINFORCING |
| | | GYP | GYPSUM | REQD | REQUIRED |
| | | | | REV | REVISION |
| BD | BOARD | H | HIGH | RH | RIGHT HAND |
| BEJ | BRICK EXTENSION JOINT | HDW | HARDWARE | RM | ROOM |
| BLDG | BUILDING | HG | HALF GLASS | RO | ROUGH OPENING |
| BLKG | BLOCKING | HT | HEIGHT | RE: | REFER TO |
| BLW | BELOW | HM | HOLLOW METAL | REF | REFERENCE |
| BOT | BOTTOM | HORIZ | HORIZONTAL | | |
| BS | BOTH SIDES | HR | HOUR | SCH | SCHEDULE |
| BTWN | BETWEEN | | | SF | SQUARE FEET |
| | | INSUL | INSULATION | SHT | SHEET |
| C/C | CENTER TO CENTER | INT | INTERIOR | SIM | SIMILAR |
| CFCI | CONTRACTOR FURNISHED | | | SM | SHEET METAL |
| | CONTRACTOR INSTALLED | JAN | JANITOR | SQ | SQUARE |
| CG | CORNER GUARD | JT | JOINT | STD | STANDARD |
| CJ | CONTROL JOINT | | | SIM | SIMILAR |
| CL | CENTERLINE | L | ANGLE | SS | SOLID SURFACE |
| CLG | CEILING | LAV | LAVATORY | SST | STAINLESS STEEL |
| CLR | CLEAR | LAM | LAMINATE | STL | STEEL |
| CMU | CONCRETE MASONRY UNIT | LB | POUND | STRUCT | STRUCTURAL |
| COL | COLUMN | LG | LENGTH, LONG | SUSP | SUSPENDED/SUSPENSION |
| CONC | CONCRETE | LH | LEFT HAND | SYM | SYMMETRICAL |
| CONST | CONSTRUCTION | LLH | LONG LEG HORIZONTAL | | |
| CONT | CONTINUOUS | LLV | LONG LEG VERTICAL | T | TREAD |
| CONTR | CONTRACTOR | LVP | LUXURY VINYL PLANK | TB | TACK BOARD |
| COORD | COORDINATE | LVT | LUXURY VINYL TILE | TBD | TO BE DETERMINED |
| CORR | CORRIDOR | | | TEMP | TEMPERED |
| CPT | CARPET | MAS | MASONRY | TG | TEMPERED GLASS |
| CR | CARD READER | MAX | MAXIMUM | THK | THICK |
| CT | CERAMIC TILE | MB | MARKER BOARD | TO | TOP OF |
| CTB | CERAMIC TILE BASE | ME | MATCH EXIST | TYP | TYPICAL |
| | | MECH | MECHANICAL | TZ | TERRAZZO |
| DBL | DOUBLE | MEP | MECH./ELEC./ PLUMBING | | |
| DEMO | DEMOLISH/DEMOLITION | MFR | MANUFACTURE | UL | UNDERWRITERS |
| DET | DETAIL | MIN | MINIMUM | | LABORATORIES |
| DIA | DIAMETER | MISC | MISCELLANEOUS | UNO | UNLESS NOTED OTHERWISE |
| DIM | DIMENSION | MO | MASONRY OPENING | UTIL | UTILITY |
| DN | DOWN | MTD | MOUNTED | | |
| DR | DOOR | MTL | METAL | VCT | VINYL COMPOSITION TILE |
| DS | DOWNSPOUT | MUL | MULLION | VERT | VERTICAL |
| DWG | DRAWING | | | VEST | VESTIBULE |
| | | N/A | NOT APPLICABLE | VIF | VERIFY IN FIELD |
| EA | EACH | NIC | NOT IN CONTRACT | VTR | VENT THROUGH ROOF |
| EJ | EXPANSION JOINT | NL | NARROW LIGHT | | |
| EL | ELEVATION | NO. | NUMBER | W | WIDE, WIDTH |
| ELEC | ELECTRICAL | NOM | NOMINAL | W/ | WITH |
| ELEV | ELEVATION/ELEVATOR | NTS | NOT TO SCALE | WCP | WOOD CEILING PLANK |
| EP | ELECTRICAL PANEL | | | WCT | WOOD CEILING TILE |
| EQ | EQUAL | OC | ON CENTER | WD | WOOD |
| EQUIP. | EQUIPMENT | OD | OUTSIDE DIAMETER | W/O | WITHOUT |
| ETR | EXISTING TO REMAIN | OFCI | OWNER FURNISHED/ | WP | WALL PROTECTION |
| EXIST. | EXISTING | | CONTRACTOR INSTALLED | WR | WATER RESISTANCE |
| EXP | EXPANSION / EXPOSED | OFOI | OWNER FURNISHED/ | WT | WALL TILE, WEIGHT |
| EXT | EXTERIOR | | OWNER INSTALLED | | |
| EWC | ELECTRIC WATER COOLER | OH | OVERHEAD | | |
| | | OPG | OPENING | | |
| | | OPP | OPPOSITE | | |
| | | O.H. | OPPOSITE HAND | | |
| | | O/O | OUT TO OUT | | |




REACH DETAIL
NTS



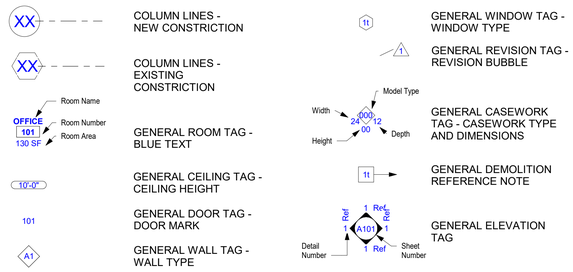

MIN. REQUIRED FLOOR CLEARANCE @ DOORS
NTS




PUBLIC AREAS MOUNTING HEIGHTS
NTS

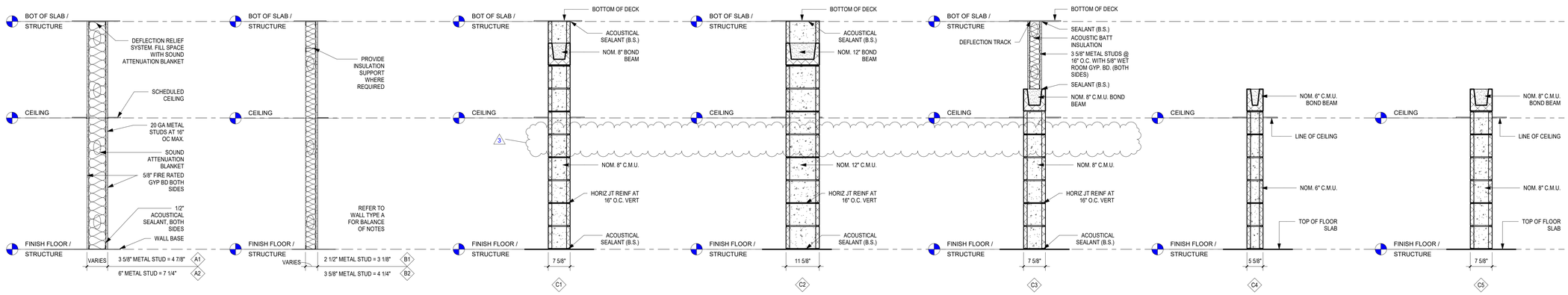
NOTE: USE FOR REFERENCE AND MOUNTING HEIGHTS TO COMPLY WITH LOCAL AND FEDERAL ACCESSIBILITY REQUIREMENTS. CONTRACTOR TO ALERT ARCHITECT WITH ANY DISCREPANCY IN DRAWINGS THAT CANNOT MEET DIMENSIONS PROVIDED HERE.

## REFERENCE SYMBOLS



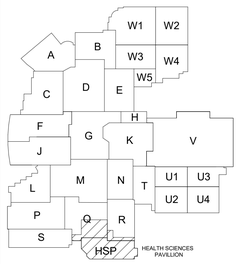

## GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO ANY CONSTRUCTION WORK.
2. VERIFY ALL EXISTING FLOOR ELEVATIONS AND GRADES AS IT RELATES TO THE NEW CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
3. FIRST FINISH FLOOR ELEVATION ESTABLISHED AT ELEVATION 100'-0"
4. FINISHED FLOOR ELEVATIONS ARE FROM THE FACE OF THE FINISHED SUBSTRATE FLOOR
5. REFER TO ALL CIVIL, STRUCTURAL, ARCHITECTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND FROM COORDINATION PURPOSES.
6. ALL CONTRACTORS ARE REQUIRED TO VISIT THE SITE AND REVIEW ALL CONSTRUCTION DOCUMENTS PRIOR TO THE BIDDING TO FULLY UNDERSTAND THE SCOPE AND SCALE OF WORK REQUIRED, AND TO DETERMINE THAT ALL WORK CAN BE ACHIEVED IN A COMPLETE MANNER UNDER THEIR BID.
7. CONSTRUCTION AND INSTALLATIONS SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES, CODES, ETC. WHEN CONFLICT OCCURS NOTIFY ARCHITECT OR ENGINEER
8. TYPICAL NON-LOAD-BEARING INTERIOR PARTITION CONSTRUCTION CONSISTS OF 20 GA 3 5/8" STEEL STUDS @ 16" O.C. W/ ONE LAYER OF 5/8" TYPE-X GYPSUM BOARD EACH SIDE UNLESS NOTED OR INDICATED OTHERWISE. PROVIDE TWO STUDS AT ALL INTERIOR DOOR FRAMES, JAMBS, AND HEADS, AND AT ALL FRAMED OPENINGS.
9. ALL PARTITIONS ARE TO EXTEND 6" ABOVE HIGHEST ADJACENT FINISHED CEILING OR TO UNDERSIDE OF STRUCTURAL DECK ABOVE UNLESS NOTED OTHERWISE. IF PARTITION IS NOT EXTENDED TO UNDERSIDE OF STRUCTURE ABOVE, PARTITIONS TO BE TIED BACK TO DECK OR STRUCTURE ABOVE WITH METAL STUDS AT 45 DEG. AT EVERY 48" O.C. OPPOSING DIRECTIONS.
10. INTERIOR DOOR FRAME JAMBS TYPICALLY LOCATED 6" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
11. ALL RATED ASSEMBLIES/DEMISING WALLS TO BE FIRE STOPPED AND CAULKED ARE REQUIRED PER CODE. ALL PENETRATIONS TO BE CAULKED UTILIZING UL APPROVED METHODS.
12. ALL FIRE RATED ASSEMBLIES WITH RECESSED WALL ACCESSORIES AND/OR PENETRATIONS, I.E. RECEPTACLES, CONDUITS, DUCTS, PIPING, FIRE EXTINGUISHER CABINETS, PAPER TOWEL DISPENSERS, ETC. SHALL BE CONSTRUCTED TO MAINTAIN THE DESIGNATED ASSEMBLY RATING.
13. PROVIDE WOOD BLOCKING IN WALLS AND CEILINGS AS REQUIRED FOR INSTALLATION OF CASEWORK, HANDRAILS, TOILET ACCESSORIES, OR OTHER SURFACE MOUNTED DEVICES, ACCESSORIES , OR OTHER SPECIFIED ITEMS. COORDINATE BLOCKING LOCATIONS WITH DRAWINGS AND EQUIPMENT MANUFACTURERS.
14. REFER TO REFLECTED CEILING PLAN FOR WALLS TO RECEIVE SOUND ATTENUATION BATT INSULATION.
15. FLOOR SHALL BE LEVEL WITHIN 1/8 INCH TOLERANCE IN 10 FEET, SMOOTH AND SEALED FLOOR TO BE READY TO ACCEPT INTERIOR FINISHED. IF A LEVELING AGENT IS TO BE USED TO ACHIEVE THESE REQUIREMENTS, THE LEVELING AGENT MUST BE ARDEX. ARDEX MUST BE APPLIED BY A CERTIFIED ARDEX INSTALLER, AND AN ARDEX REPRESENTATIVE MUST DELIVER A LETTER TO THE OWNER ON ARDEX LETTERHEAD APPROVING THE INSTALLATION OF THE ARDEX LEVELING AGENT PERFORMED BY THE CERTIFIED ARDEX INSTALLER AT THE PREMISES.
16. THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS, INCLUDING THOSE IN ELECTRONIC FORM PREPARED BY VPS ARCHITECTURE FOR THIS PROJECT ARE INSTRUMENTS OF SERVICE AND MAY BE USED SOLELY WITH RESPECT TO THIS PROJECT. THE DOCUMENTS MAY NOT BE REPRODUCED OR MODIFIED BY A THIRD PART WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN CONSENT OF VPS ARCHITECTURE. AUTHORIZED USE OF ELECTRONIC MEDIA OR FILE DOES NOT INSURE THE ACCURACY OF THE INFORMATION CONTAINED AND THAT NO CHANGES OR MODIFICATIONS HAVE BEEN MADE. THESE FILES MUST BE COMPARED TO THE PROJECTS CONTRACT DOCUMENTS WITH STAMPED AND SEALED CERTIFICATION AND APPLICABLE APPROVED MODIFICATIONS.
17. ARCHITECT AND ENGINEER CANNOT BE RESPONSIBLE FOR ERRORS, DELAYS OR OMISSIONS BY THE CONTRACTOR OR HIS AGENTS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL CONTRACT DOCUMENTS, THE VARIOUS TRADES UNDER HIS CONTRACT, FOR COOPERATION WITH OTHER SUBCONTRACTORS ON THE SITE AND WITH THE OWNER TO ASSURE EXPEDIENT COMPLETION OF THE WORK.
18. GENERAL CONTRACTOR SHALL REVIEW DRAWINGS FOR ACCURACY PRIOR TO BEGINNING WORK AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES FOUND. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED DURING CONSTRUCTION SHOULD CHANGES BE REQUIRED FOR DISCREPANCIES OF WHICH THE ARCHITECT WAS NOT NOTIFIED.
19. THE DRAWINGS IN THIS SET ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EXACT LOCATIONS OF SWITCHES, OUTLETS, ETC.
20. 
21. NEW WALL CONSTRUCTION TO BE SUPPORTED FROM TOP OF CHORD OF STRUCTURAL MEMBER AND NOT WOOD OR METAL DECKING ABOVE.
22. SIGN CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, FINISHES, COLORS, DIMENSIONS, ETC. AND SUBMIT SHOP DRAWINGS TO OWNER PRIOR TO FABRICATION OF SIGNS.
23. GENERAL CONTRACTOR OR GENERAL CONTRACTOR'S SUB-CONTRACTORS SHALL NOT FASTEN OR PENETRATE INTO ROOF DECK, NO SCREWS, RIVETS, NAILS OR SIMILAR ANCHORING DEVICES SHALL BE USED.




1 A001 **TYPICAL PARTITION TYPE**
3/4" = 1'-0"

| # | Date | Description |
|---|---|---|
| 3 | 11-2-2026 | ADDENDUM 3 |




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Project Name:
**Franklin Central High School Health Sciences Pavilion**

Drawing Title:
**GENERAL PROJECT INFORMATION**

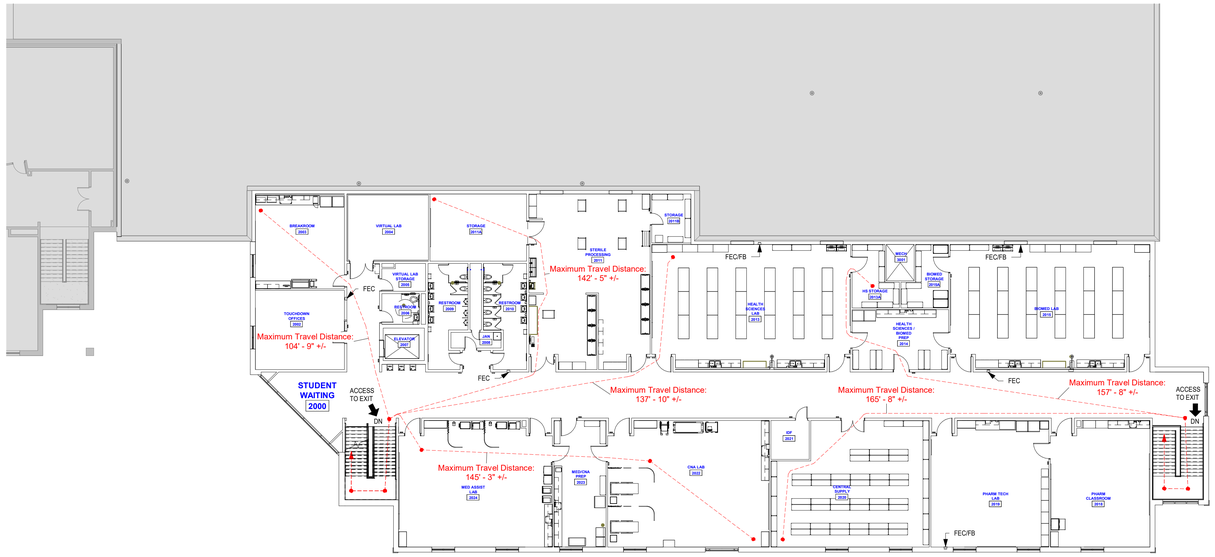
MATT HEATHER HARBERT
No. 11800215
STATE OF INDIANA
REGISTERED ARCHITECT

Client Project No:

VPS Project No: **2025019.00**

Project Issue Date:

Drawing No: **A001**




2 A002 **SECOND FLOOR LIFE SAFETY PLAN**
1/16" = 1'-0"




1 A002 **FIRST FLOOR LIFE SAFETY PLAN**
1/16" = 1'-0"

## LIFE SAFETY PLAN NOTES

1. REFER TO SHEET A100 FOR OVERALL EXISTING BUILDING FOOTPRINT.

9/18/2026

## CODE SUMMARY

**APPLICABLE CODES:**

GENERAL ADMINSTRATIVE RUTES, 2ND EDITION (GAR)
2014 INDIANA BUILDING CODE (IBC)
2014 INDIANA FIRE CODE (IFC)
2012 INDIANA PLUMBING CODE (IPC)
2009 INDIANA ELECTRICAL CODE (IEC)
2014 INDIANA MECHANICAL CODE (IMC)
2010 INDIANA ENERGY CONSERVATION CODE
2006 ASHRAE 90.1
NFPA 70
2014 INDIANA BUILDING CODE CHAPTER 11 - ACCESSIBILITY
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

**PROJECT DESCRIPTION**

40,130 SF addition to Franklin Central High School. Addition consists of a classrooms, offices, lab spaces. Selective classroom renovations will be a part of the project. Project features specialized learning spaces with independent after-hours acess.

**BUILDING INFORMATION**

| | |
|---|---|
| LOCATION: | Indianapolis, Indiana |
| USE GROUP / OCCUPANCY CLASSIFICATION | Group E - Educational |
| CONSTRUCTION TYPE | Type IIB (non-combustible, unprotected) |
| AUTOMATIC SPRINKLER PROTECTION | Fully sprinklered throughout (per NFPA 13) |
| FIRE ALARM | Provided per IBC/ Indiana requriements for educational occupancy |

**BUILDING HEIGHT AND AREA**

| | |
|---|---|
| EXISTING BUILDING TOTAL SF | 940,164 sf |
| PROPOSED ADDITION AREA | 40,130 |
| NUMBER OF STORIES (ADDITION) | 2 Stories |
| ADDITION HEIGHT | 30'9" |

9/18/2026

**ALLOWABLE AREA / HEIGHT**

| | | |
|---|---|---|
| TYPE IIB, GROUP E - ALLOWABLE AREA (PER STORY) | | |
| ALLOWABLE AREA | 14,500 / story | Table 503 |
| WITH SPRINKLER INCREASE | Unlimited | 507.4, 507.5; 675 IAC 13-2.6-6, Amendment 8 |
| ACTUAL AREA (ADDITION) | 40,130 sf | complies |
| ALLOWABLE HEIGHT (STORIES) | 3 stories | complies |
| ALLOWABLE HEIGHT (FEET) | 75 ft | complies |

**BUILDING ELEMENTS - FIRE RESITANCE (TYPE IIB)**

Table 601 (Type IIB): Primary structural frame, bearing walls, floor, and roof = 0-hour (unless another section requires more). Exterior walls per Table 602 based on fire-separation distance (FSD).

**FIRE PROTECTION SYSTEMS**

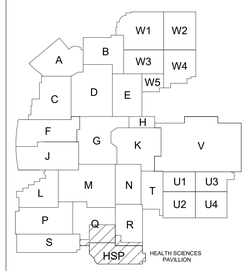
| | | |
|---|---|---|
| AUTOMATIC SPRINKLER SYSTEM | NFPA Througout | complies |
| FIRE ALARM / DETECTION | Group E per chapter 9 (audibles, visuals, manual means, detection where required) | complies |

**MEANS OF EGRESS**

| | | |
|---|---|---|
| OCCUPANT LOAD | | |
| OFFICES | 100 gross | Table 1004.1.2 |
| CLASSROOM | 20 NET | Table 1004.1.2 |
| ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM | 300 gross | Table 1004.1.2 |
| TOTAL OCCUPANCY (new addition): | 650 | |
| NUMBER OF EXITS | Spaces with occupant load >49 require 2 exits; at the story/building level, 501–1,000 require 3 exits; >1,000 require 4 exits | Table 1021.1 |
| PANIC HARDWARE | Required on doors serving Group E rooms/spaces with occupant load ≥ 50 | 1008.1.10 |
| EXIT EGRESS WIDTH | Door / door leaf: 0.15 in/occ Corridor / aisle / ramp: 0.15 in/occ Stairway: 0.20 in/occ | 1005.1 |
| EXIT ACCESS TRAVEL DISTANCE | 250 ft | Table 1016.2 |
| DEAD ENDS | Dead-end corridors generally ≤50 ft where 2 exits required | 1018.4 |
| COMMON PATH | 75 ft | Table 1014.3 |
| EXIT EGRTESS WIDTH *.15 (both floors) | REQUIRED: 97.5 INCHES | Provided: 298" - 4 sets of double doors |



| # | Date | Description |
|---|---|---|
| 3 | 11-2-2026 | ADDENDUM 3 |




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(317) 536-8000

Project Name:
**Franklin Central High School Health Sciences Pavilion**

Drawing Title:
**LIFE SAFETY PLANS AND CODE SUMMARY**

MARY HEATHER HARBERT
No. 11800215
STATE OF INDIANA
REGISTERED ARCHITECT

Client Project No:
VPS Project No: **2025019.00**
Project Issue Date:
Drawing No: **A002**

## GENERAL FLOOR PLAN NOTES

NOTE: GENERAL NOTES LISTED BELOW REFER TO ALL SHEETS CONTAINED IN THIS SET.

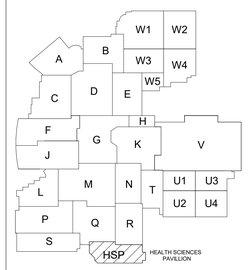
1. FIELD VERIFY ALL EXISTING CONDITIONS. NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY OF ANY DISCREPANCIES THAT EXIST.
2. CONSTRUCTION AND INSTALLATIONS SHALL CONFORM, TO ALL FEDERAL, STATE, AND LOCAL ORDINANCES, CODES, ETC.
3. ALL DIMENSIONS ON FLOOR PLANS ARE FROM THE FACE OF FINISH GYPSUM BOARD, FACE OF MASONRY, FACE OF CONCRETE, FACE OF EXISTING WALL OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
4. GYPSUM BOARD WALLS NOT REQUIRED TO EXTEND TO THE BOTTOM OF THE STRUCTURE ABOVE SHALL TERMINATE 6" ABOVE THE HIGHEST ADJOINING CEILING AND SHALL BE BRACED EITHER BY ATTACHING ALTERNATING DIAGONAL STUDS 48" O.C. FROM TOP OF WALL TO STRUCTURE OR BY EXISTING WALL STUDS TO STRUCTURE ABOVE.
5. PROVIDE WOOD BLOCKING IN WALLS AND CEILINGS AS REQUIRED FOR INSTALLATION OF CASEWORK OR OTHER SURFACE-MOUNTED ACCESSORIES.
6. ALL CHASE WALLS SHALL BE 3 5/8" METAL STUDS @ 16" O.C WITH 5/8" GYPSUM BOARD ON ONE SIDE UNLESS NOTED OTHERWISE.
7. REFER TO 3/A508 FOR MARKERBOARD AND TACKBOARD ELEVATIONS.
8. CONTRACTOR TO PROVIDE ROLLER SHADES AT ALL WINDOW LOCATIONS. REFER TO SPECIFICATIONS.
9. CONTRACTOR TO PROVIDE CLOCKS IN EVERY CLASSROOM/LAB ON OPPOSITE WALL FROM PROJECTOR SCREEN. MOUNTING HEIGHT TO BE BY OWNER. REFER TO SPECIFICATIONS.

1 FIRST FLOOR ARCHITECTURAL FLOOR PLAN - AREA HSP
A101HSP 1/8" = 1'-0"

**ARCHITECTURE PLAN NOTES**

| # | KEYNOTE INFORMATION |
|---|---|
| 1 | INFILL WINDOW OPENING WITH TOOTHED-IN C.M.U. (TYPICAL) |
| 2 | PROVIDE ROIT FILM ON VESTIBULE SIDE OF GLASS. |
| 3 | 7/8" HAT CHANNELS WITH 5/8" GYPSUM BOARD TO DECK. |
| 4 | MODERNFOLD ACOUSTI-CLEAR GLASS WALL SYSTEM. REFER TO DETAIL 11/A407. |
| 5 | 3" EXPANSION JOINT COVER. |
| 6 | REFER TO INTERIOR ELEVATION 2/A504 FOR TYPICAL CLASSROOM CASEWORK - AREA HSP. |
| 7 | REFER TO INTERIOR ELEVATION 2/A504 FOR TYPICAL CLASSROOM CASEWORK - AREA HSP (OPPOSITE HAND). |
| 8 | REFER TO INTERIOR ELEVATION 11/A504 FOR TYPICAL CLASSROOM CASEWORK - AREA Q. |
| 9 | REFER TO INTERIOR ELEVATION 11/A504 FOR TYPICAL CLASSROOM CASEWORK - AREA Q (OPPOSITE HAND). |
| 10 | REFER TO INTERIOR ELEVATION 12/A504 FOR TYPICAL DESK. |
| 11 | REFER TO INTERIOR ELEVATION 12/A504 FOR TYPICAL DESK (OPPOSITE HAND). |
| 12 | REFER TO INTERIOR ELEVATION 13/A504 FOR TYPICAL CLASSROOM CUBBIES. |
| 13 | 11'-0" W. x 8'-6" H. HEAVY DUTY VINYL STRIP CURTAIN. |
| 14 | HEADWALL WITH POWER AND NON-MEDICAL AIR. REFER TO SPECIFICATIONS. |
| 15 | CUBICLE CURTAIN AND CEILING MOUNTED TRACK. REFER TO SPECIFICATIONS. |
| 16 | AMBULANCE SIMULATOR. REFER TO SPECIFICATIONS. |
| 17 | FUME HOOD. REFER TO SPECIFICATIONS. |
| 18 | PROVIDE PLYWOOD ALL WALLS THIS ROOM. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION. |
| 19 | ALIGN. |
| 20 | INFILL FLOOR SLAB THIS AREA. REFER TO STRUCTURAL DRAWINGS |
| 21 | BASE BID (STORAGE) INCLUDES STRUCTURE FOR BOOM, DOOR 2011A, PLUMBING STUB-IN FOR SCRUB SINK, AND ALL ELECTRICAL AND DATA OUTLETS. |

| # | Date | Description |
|---|---|---|
| 3 | 11-3-2026 | ADDENDUM 3 |
| 1 | 10-16-2026 | ADDENDUM 1 |




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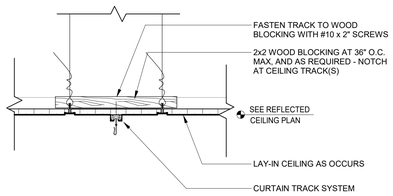
**Franklin Central High School Health Sciences Pavilion**

Drawing Title:

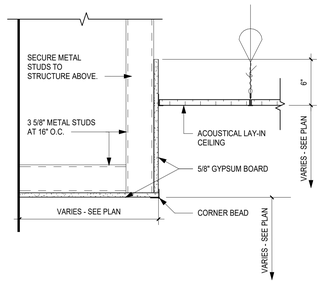
**FIRST FLOOR ARCHITECTURAL FLOOR PLAN - AREA HSP**

MARY HEATHER HARBERT
No. 11800215
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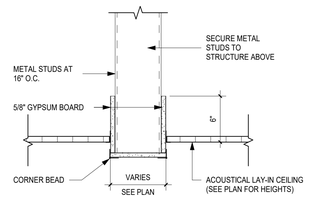
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|---|---|
| Client Project No: | |
| VPS Project No: | 2025019.00 |
| Project Issue Date: | |
| Drawing No: | A101HSP |



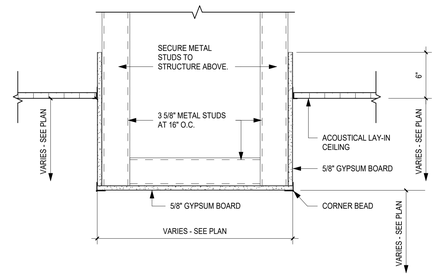

5 **CUBICLE CURTAIN TRACK DETAIL**
A201HSP 1 1/2" = 1'-0"




4 **BULKHEAD DETAIL**
A201HSP 1 1/2" = 1'-0"




3 **BULKHEAD DETAIL**
A201HSP 1 1/2" = 1'-0"




2 **BULKHEAD DETAIL**
A201HSP 1 1/2" = 1'-0"

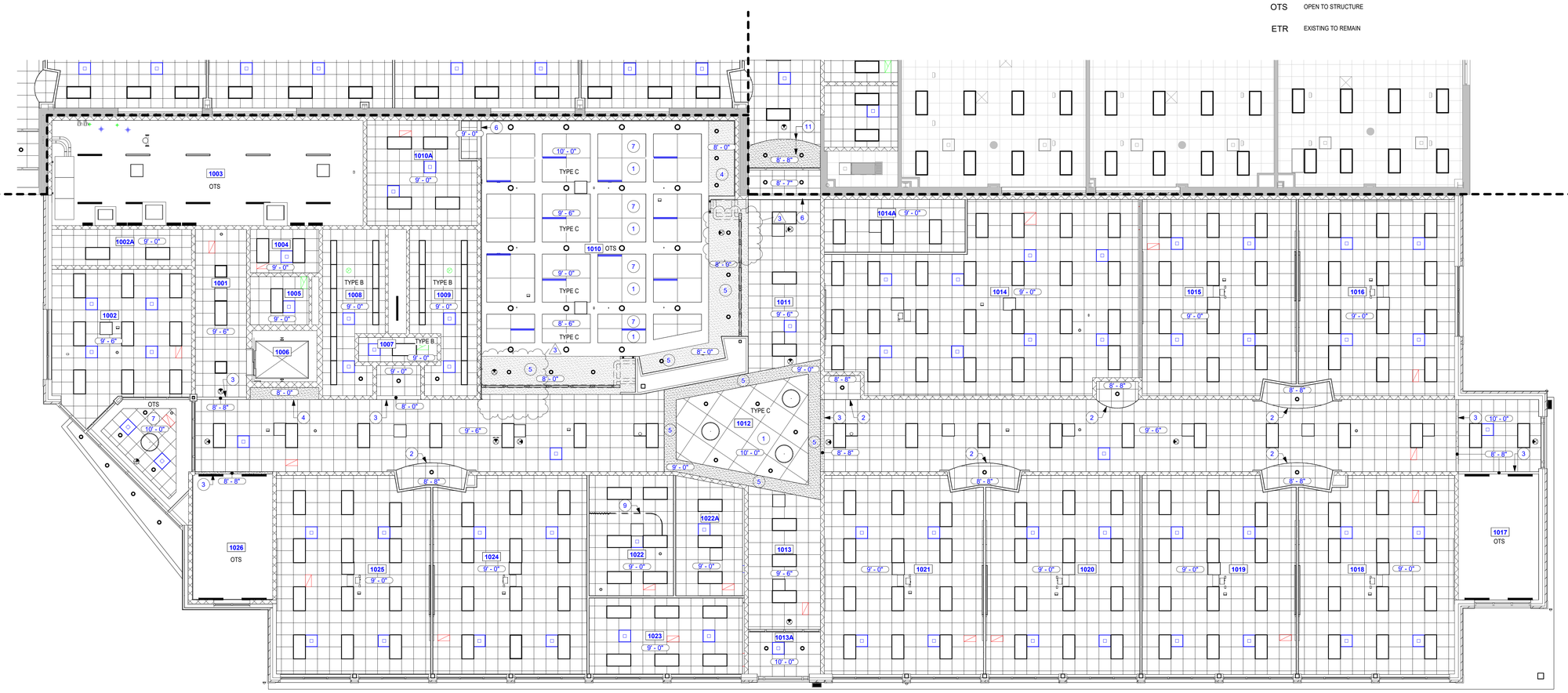
## REFLECTED CEILING PLAN LEGEND

REFER TO MECHANICAL, ELECTRICAL AND/OR PLUMBING DRAWINGS FOR SPECIFICATIONS OF ITEMS

- INDICATES AREA OF 5/8" GYPSUM BOARD CEILINGS/SOFFIT/BULKHEAD ON 3 5/8" METAL STUDS @ 16" O.C. (U.N.O.) PAINT
- INDICATES 2' x 2' LAY-IN CEILING TILE WITH METAL GRID, U.N.O.
- INDICATES 4' x 4' LAY-IN CEILING TILE WITH METAL GRID, U.N.O.
- 2' x 4' RECESSED LIGHT FIXTURE
- 2' x 2' RECESSED LIGHT FIXTURE
- 1' x 4' RECESSED LIGHT FIXTURE
- 1' x 2' RECESSED LIGHT FIXTURE
- CAN LIGHT FIXTURE
- 2' x 2' SUPPLY AIR
- RETURN AIR GRILLE
- EXHAUST FAN
- PROJECTOR
- SECURITY CAMERA
- PROGRAM LOAD SPEAKER
- PAGING LOAD SPEAKER
- CEILING MOUNTED CORD REEL
- OTS — OPEN TO STRUCTURE
- ETR — EXISTING TO REMAIN

## GENERAL REFLECTED CEILING PLAN NOTES

1. ALL LAY-IN CEILINGS ARE TYPE A, UNLESS NOTED OTHERWISE.
2. CEILING ELEVATION TAGS REFER TO HEIGHT ABOVE EITHER FINISHED SLAB IN AREAS OF NEW CONSTRUCTION & RENOVATION OR ABOVE EXISTING FINISH FLOOR IN AREAS TO REMAIN.
3. CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC., UNLESS NOTED OTHERWISE.
4. PAINT ALL EXPOSED GYP. BD FROM SPECIFIC SURFACES U.N.O.
5. REFER TO ELECTRICAL DRAWINGS FOR CEILING-MOUNTED LIGHT FIXTURE TYPES & QUANTITIES.
6. REFER TO MECHANICAL DRAWINGS FOR CEILING-MOUNTED DIFFUSERS, GRILLE TYPES & QUANTITIES.
7. THE REFLECTED CEILING PLANS SHOW THE DESIGN INTENT OF MECHANICAL & ELECTRICAL BUILDING SYSTEMS TO BE INTEGRATED INTO CEILINGS. REFLECTED CEILING PLANS SHALL TAKE PRECEDENCE OVER MECHANICAL & ELECTRICAL DRAWINGS. REFER DISCOVERED DISCREPANCIES TO THE ARCHITECT FOR DIRECTION.
8. SHALL CONTINUE UP ADJACENT VERTICAL FACES.
9. ALL GAPS BETWEEN WALL MOULD ANGLES & WALL FACE SHALL BE FILLED WITH SEALANT.

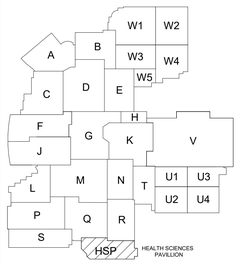



1 **FIRST FLOOR REFLECTED CEILING PLAN - AREA HSP**
A201HSP 1/8" = 1'-0"

**REFLECTED CEILING PLAN NOTES**

| # | KEYNOTE INFORMATION |
|---|---|
| 1 | 4' x 4' LAY-IN CEILING TILE WITH METAL GRID. |
| 2 | COMPASSO TRIM. REFER TO DETAIL 4/A202HSP. |
| 3 | GYPSUM BOARD BULKHEAD. REFER TO DETAIL 3/A201HSP. |
| 4 | GYPSUM BOARD BULKHEAD. REFER TO DETAIL 4/A201HSP. |
| 5 | GYPSUM BOARD BULKHEAD. REFER TO DETAIL 2/A201HSP. |
| 6 | GYPSUM BOARD BULKHEAD. REFER TO DETAIL 3/A202HSP. |
| 7 | FLOATING CEILING. PAINT EXPOSED DECK ABOVE LIGHT GRAY. REFER TO DETAIL 5/A202HSP. |
| 8 | GYPSUM BOARD BULKHEAD. REFER TO WALL SECTION 1/A406. |
| 9 | CEILING MOUNTED CUBICLE CURTAIN TRACK. REFER TO DETAIL 5/A201HSP. |
| 10 | STRUCTURE ABOVE FOR BOOM. REFER TO STRUCTURAL DRAWINGS. |
| 11 | PAINT CEILING AND SOFFIT PT-4. |
| 12 | EXISTING LAY-IN CEILING. PATCH AND REPAIR ANY DAMAGED GRID, TILES OR DEVICES WITHIN THIS ROOM. |

| # | Date | Description |
|---|---|---|
| 3 | 11-2-2026 | ADDENDUM 3 |




PROJECT NORTH


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Project Name:

**Franklin Central High School Health Sciences Pavilion**

Drawing Title:

**FIRST FLOOR REFLECTED CEILING PLAN - AREA HSP**

MATT HEATHER HARBERT
No. 11800215
STATE OF INDIANA
REGISTERED ARCHITECT

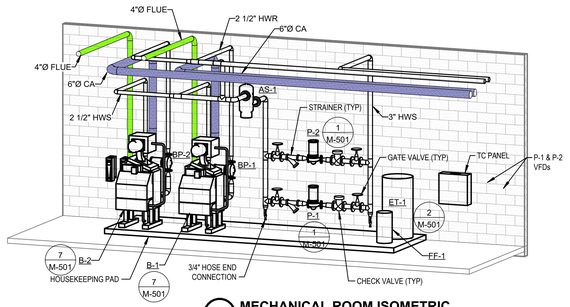
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| Client Project No: | |
| VPS Project No: | 2025019.00 |
| Project Issue Date: | |
| Drawing No: | A201HSP |

## GENERAL PIPING NOTES

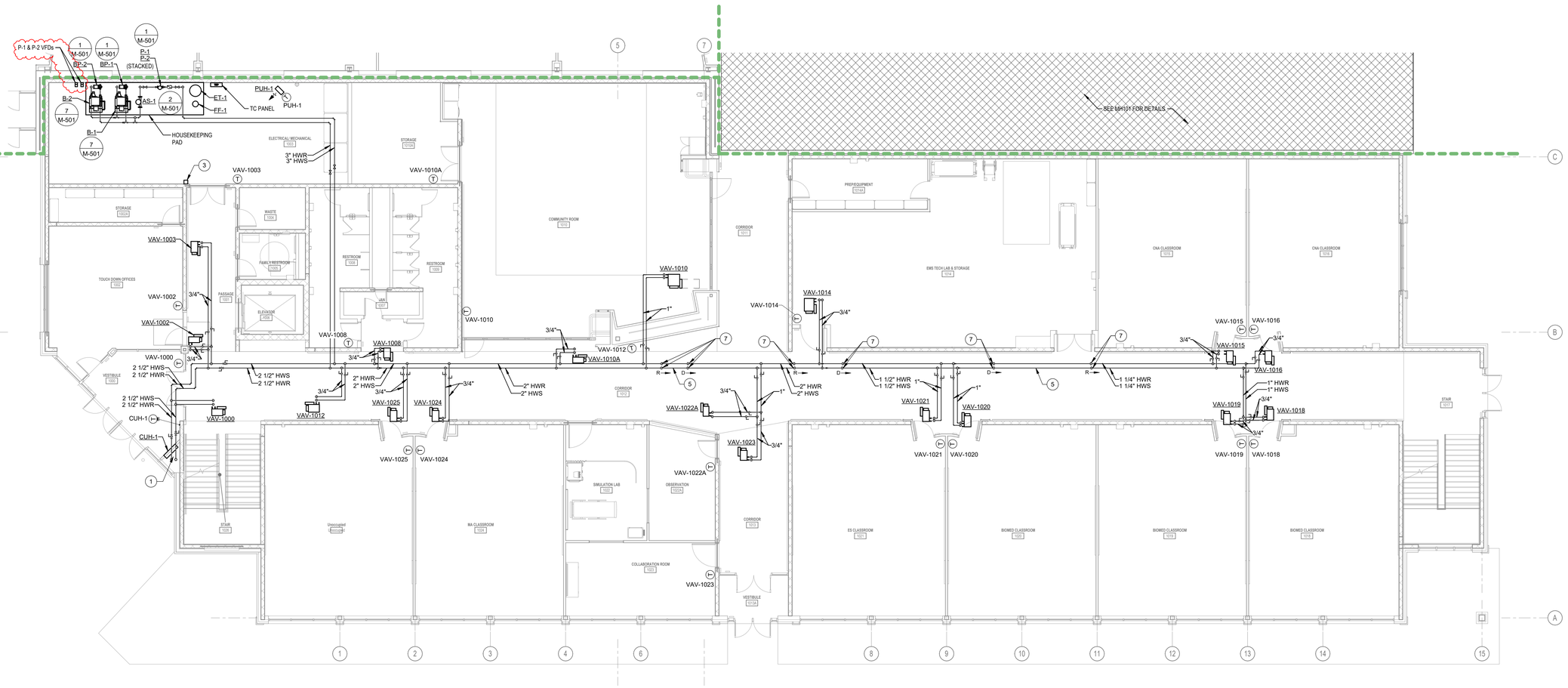
A DARK LINES INDICATE NEW WORK.
B LIGHT SOLID LINES INDICATE EXISTING MECHANICAL EQUIPMENT, DUCTWORK, PIPING, AND/OR MECHANICAL ACCESSORIES TO REMAIN AS-IS. CONTRACTOR TO FIELD VERIFY ACTUAL EXISTING CONDITIONS PRIOR TO BIDDING.
C PROVIDE SHUTOFF VALVES AT EVERY BRANCH CONNECTION TO A MAIN.
D NEW SHUTOFF VALVES SHALL BE INSTALLED FOR ALL NEW HYDRONIC EQUIPMENT.
E PROVIDE GATE VALVES ON ALL HYDRONIC PIPING 2-1/2" AND ABOVE.
F MARK ALL LOCATIONS OF VALVES WITH ENGRAVED PLASTIC TAGS ON CEILING GRID BELOW VALVE.

## MECHANICAL PIPING PLAN NOTES

1 2-1/2" HWS & HWR UP IN CHASE TO SECOND FLOOR.
2 2-1/2" HWS & HWR DOWN IN CHASE TO FIRST FLOOR.
3 EMERGENCY GAS SHUT-OFF PUSH BUTTON, SEE M-701 FOR DETAILS.
4 ROUTE COPPER CONDENSATE DOWN TO FLOOR SINK.
5 ROUTE PIPE UNDER DUCT.
6 REFRIGERANT LINES UP TO CU-1 ON ROOF. FOLLOW ALL MANUFACTURERS RECOMMENDATIONS FOR ROUTING AND SIZING OF LINES.
7 PROVIDE LOW POINT DRAIN AND HIGH POINT AIR VENT.
8 ROUTE COPPER CONDENSATE ROUTE THROUGH WEB JOIST. SLOPE CONDESATE PIPE 1/8" PER FOOT.



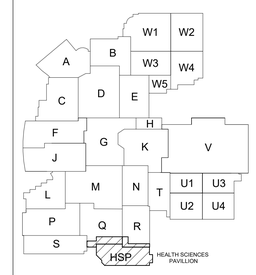

**2 MECHANICAL ROOM ISOMETRIC**




**1 MECHANICAL PIPING FIRST FLOOR PLAN - UNIT HSP**
1/8" = 1'-0"


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Project Name:
**Franklin Central High School Health Sciences Pavilion**

Drawing Title:
**MECHANICAL PIPING FIRST FLOOR PLAN - UNIT HSP**

GABRIEL S. CURRIER REGISTERED NO. PE10808972 STATE OF INDIANA PROFESSIONAL ENGINEER

Client Project No:

VPS Project No: **2025019.00**

Project Issue Date: **09.16.2026**

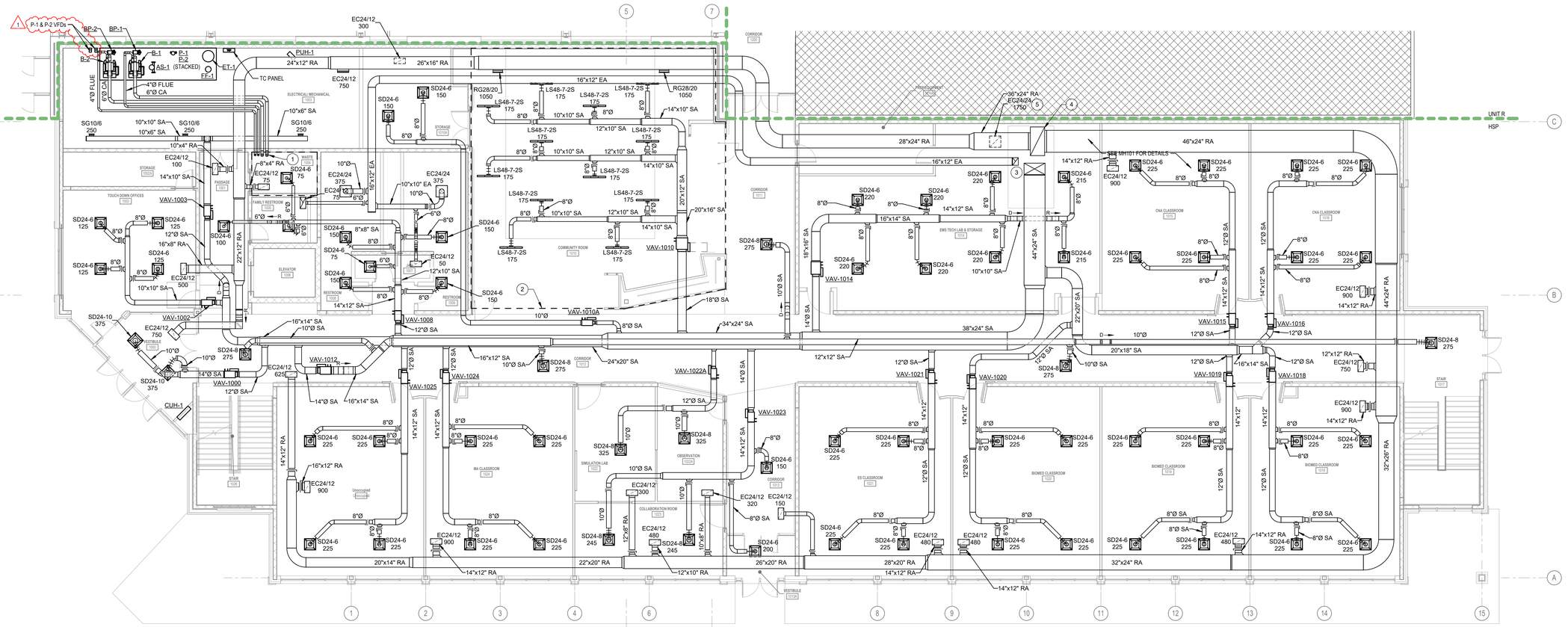
Drawing No: **MP102**

## GENERAL MECHANICAL NOTES

A DARK LINES INDICATE NEW WORK.
B LIGHT SOLID LINES INDICATE EXISTING MECHANICAL EQUIPMENT, DUCTWORK, PIPING, AND/OR MECHANICAL ACCESSORIES TO REMAIN AS-IS. CONTRACTOR TO FIELD VERIFY ACTUAL EXISTING CONDITIONS PRIOR TO BIDDING.
C MARK ALL LOCATIONS OF MECHANICAL EQUIPMENT ABOVE CEILING WITH ENGRAVED PLASTIC TAGS ON CEILING GRID BELOW.
D ALL SUPPLY DUCTS TO A SINGLE GRILLE OR DIFFUSER SHALL HAVE A BALANCING DAMPER INSTALLED.

## MECHANICAL HVAC PLAN NOTES

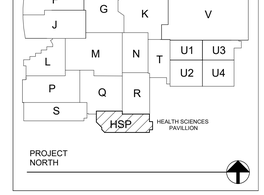
1 4" FLUE AND 6" COMBUSTION AIR UP INTO CHASE ABOVE.
2 PROVIDE DOUBLE WALL DUCT FOR ALL DUCTS INSIDE DASHED LINE. PROVIDE PAINT GRIP FINISH SHEET METAL. PAINT DUCT, FINAL COLOR BY ARCHITECT.
3 44"x24" SUPPLY AND 16"x12" EXHAUST DUCT UP.
4 60"x30" RETURN DUCT UP.
5 PROVIDE BALANCE DAMPER IN VERTICAL.
6 BASE BID PROVIDE 450 CFM AIR TERMINAL BOX, ALTERNATE PROVIDE 600 CFM AIR TERMINAL BOX. SEE SCHEDULE FOR DETAILS.
7 10"x8" EXHAUST DUCT UP TO EF-R1 ON ROOF.
8 48"x38" RETURN DUCT UP TO RTU-57 ON ROOF. TRANSITION DUCT TO RTU AS REQUIRED..
9 44"x22" SUPPLY DUCT UP TO RTU-57 ON ROOF. TRANSITION DUCT TO RTU AS REQUIRED..
10 44"x24" SUPPLY DUCT UP TO RTU-58 ON ROOF. TRANSITION DUCT TO RTU AS REQUIRED..
11 48"x38" RETURN DUCT UP TO RTU-58 ON ROOF. TRANSITION DUCT TO RTU AS REQUIRED..
12 16"x14" EXHAUST DUCT UP TO EF-Q1 ON ROOF. TRANSITION DUCT TO FAN OPENING AS REQUIRED.
13 NOT USED.
14 16"x12" EXHAUST DUCT UP TO EXHAUST FAN ON ROOF. TRANSITION DUCT TO EXHAUST FAN AS REQUIRED.
15 MOUNT GRILLES INTO VERTICAL OF BULKHEAD
16 4" FLUE AND 6" CA UP AND DOWN IN CHASE.
17 14"Ø EA DOWN TO FUME HOOD AND UP TO EF-3 ON ROOF. TRANSITION DUCT TO FAN AS REQUIRED. PROVIDE PVC COATED




**1 MECHANICAL HVAC FIRST FLOOR PLAN - UNIT HSP**
1/8" = 1'-0"


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Project Name:
**Franklin Central High School Health Sciences Pavilion**

Drawing Title:
**MECHANICAL HVAC FIRST FLOOR PLAN - UNIT HSP**

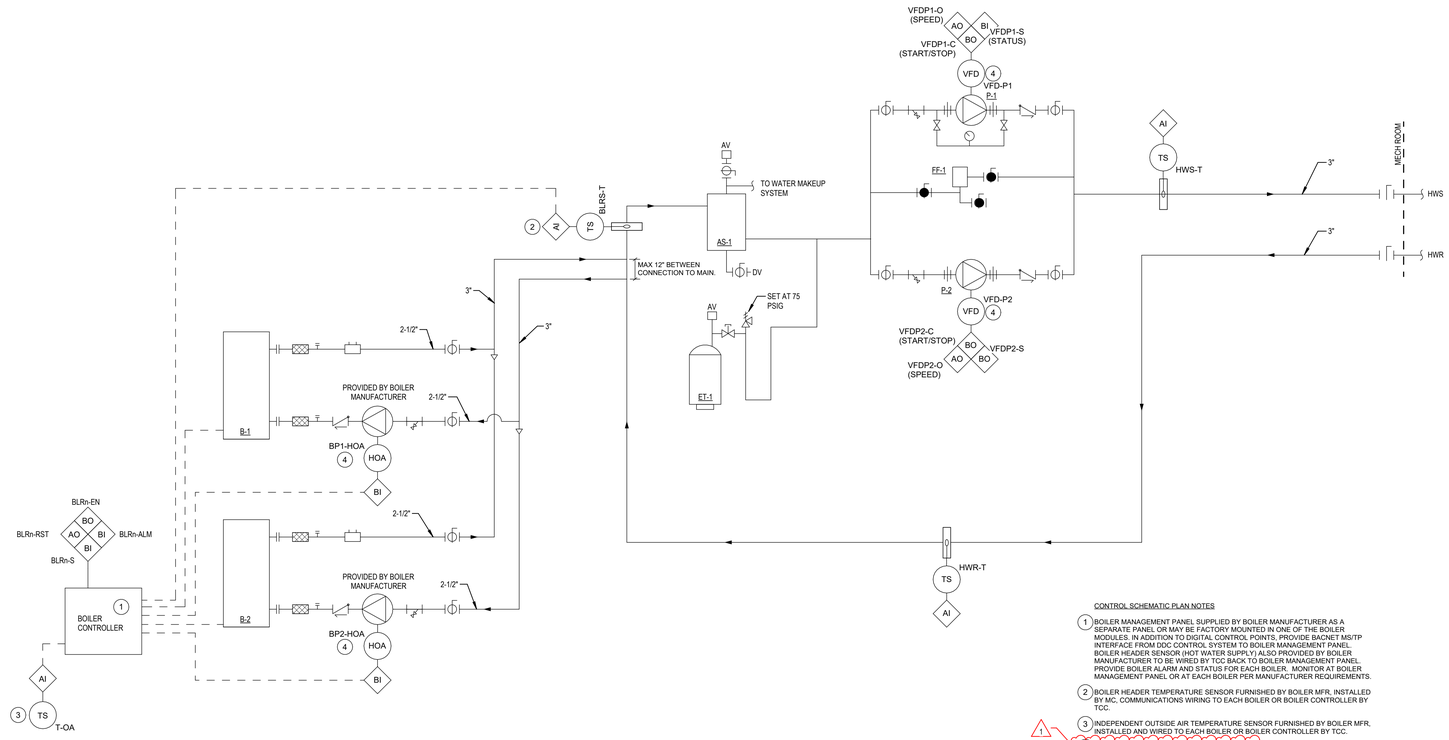
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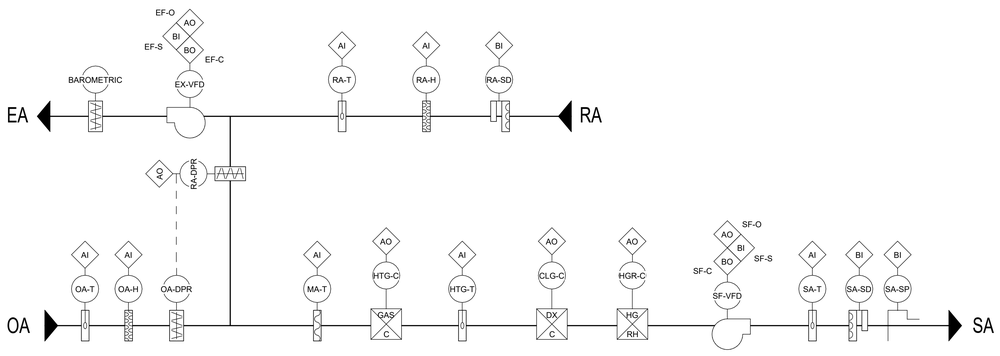
Client Project No:

VPS Project No: **2025019.00**

Project Issue Date: **09.16.2026**

Drawing No: **MH102**





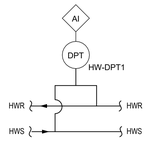


1. PROVIDE MANUAL PUSH-BUTTON AT LOCATION SHOWN ON MP101. PROVIDE PUSH-BUTTON EQUAL TO SAFETY TECHNOLOGY INTERNATIONAL SS2. YELLOW HOUSING, RED BUTTON, SURFACE MOUNTED, PUSH TO ACTIVATE, TURN TO RESET. WIRE PUSH-BUTTONS IN SERIES TO BOILER SAFETY CIRCUIT AT EACH BOILER, WHEN BUTTON IS DEPRESSED, BOILER SHALL BE DISABLED. WHEN BUTTON IS PULLED, BOILER SYSTEM SHALL BE ENABLED.

CONTROL SCHEMATIC PLAN NOTES

1. BOILER MANAGEMENT PANEL SUPPLIED BY BOILER MANUFACTURER AS A SEPARATE PANEL OR MAY BE FACTORY MOUNTED IN ONE OF THE BOILER MODULES. IN ADDITION TO DIGITAL CONTROL POINTS, PROVIDE BACNET MS/TP INTERFACE FROM DDC CONTROL SYSTEM TO BOILER MANAGEMENT PANEL. BOILER HEADER SENSOR (HOT WATER SUPPLY) ALSO PROVIDED BY BOILER MANUFACTURER TO BE WIRED BY TCC BACK TO BOILER MANAGEMENT PANEL. PROVIDE BOILER ALARM AND STATUS FOR EACH BOILER. MONITOR AT BOILER MANAGEMENT PANEL OR AT EACH BOILER PER MANUFACTURER REQUIREMENTS.
2. BOILER HEADER TEMPERATURE SENSOR FURNISHED BY BOILER MFR. INSTALLED BY MC, COMMUNICATIONS WIRING TO EACH BOILER OR BOILER CONTROLLER BY TCC.
3. INDEPENDENT OUTSIDE AIR TEMPERATURE SENSOR FURNISHED BY BOILER MFR, INSTALLED AND WIRED TO EACH BOILER OR BOILER CONTROLLER BY TCC.
4. VFD PROVIDED BY TCC INSTALLED BY DIV 26.
5. PROVIDE COMMUNICATION WIRING BETWEEN BOILER EMERGENCY SHUT-OFF BUTTON(S) AND SAFETY CIRCUIT AT EACH BOILER.

## 2 HEATING WATER SYSTEM
NOT TO SCALE




LOCATED ABOVE CEILING OF CORRIDOR 2012 OUTSIDE CENTRAL SUPPLY 2020

**HOT WATER SEQUENCE OF OPERATION**

THE BOILERS SHALL BE ENABLED (BLRn-EN) UPON A CALL FOR HEATING FROM ANY HEATING EQUIPMENT OR MANUALLY AT THE OPERATOR WORKSTATION. WHEN THE BOILERS ARE ENABLED, THE BOILER MANAGEMENT SYSTEM SHALL STAGE AND FIRE BOILERS AT MAXIMUM EFFICIENCY TO MAINTAIN THE HEATING WATER SUPPLY TEMPERATURE SET POINT BASED ON THE RESET SCHEDULE BELOW.

| OAT | HWS-T |
|---|---|
| 0F | 140F |
| 65F | 120F |

HEATING HOT WATER PUMP CONTROL: THE HEATING HOT WATER PUMPS SHALL OPERATE IN A LEAD-STANDBY SEQUENCE. WHEN THE HEATING WATER SYSTEM IS ENABLED, THE LEAD HEATING WATER PUMP (HWPn) SHALL BE ENERGIZED AND SLOWLY RAMP UP TO SPEED. IF THE LEAD PUMP FAILS TO START, THE STANDBY PUMP SHALL BE ENERGIZED AND AN ALARM SHALL BE SENT TO THE OPERATOR WORKSTATION. LEAD PUMP STATUS (HWPn-S) SHALL BE VERIFIED BEFORE THE BOILERS ARE ENABLED. THE LEAD PUMP DESIGNATION SHALL BE ALTERNATED EVERY 7 DAYS.

HEATING WATER DIFFERENTIAL PRESSURE CONTROL: THE LEAD HEATING WATER PUMP SPEED (HWPn-O) SHALL MODULATE VIA VARIABLE FREQUENCY DRIVE TO MAINTAIN THE SYSTEM DIFFERENTIAL PRESSURE SETPOINT, INITIALLY SET AT 15 PSIG, AS SENSED BY HEATING WATER DIFFERENTIAL PRESSURE TRANSMITTER (HWP-DPT1).

POINTS LIST: THE FOLLOWING REPRESENTS THE MINIMUM POINTS TO BE PROVIDED AND VALUES CALCULATED TO BE DISPLAYED IN THE SYSTEM GRAPHICS. ADDITIONAL POINTS REQUIRED TO MEET THE SEQUENCE SHALL BE PROVIDED AND ALSO SHOWN. ALL OPERATING SETPOINTS SHALL BE ADJUSTABLE FROM THE FRONT END GRAPHICS.

BINARY INPUTS:
- HOT WATER PUMPS STATUS (HWPn-S)
- BOILER STATUS (BLRn-S)
- BOILER ALARM (BLRn-ALM)
- BOILER PUMP STATUS (BLRn-HOA)

BINARY OUTPUTS:
- HOT WATER PUMPS START/STOP (HWPn-C)
- BOILER ENABLE (BLR-EN)

ANALOG INPUTS:
- OUTSIDE AIR TEMPERATURE (T-OA)
- HOT WATER SUPPLY TEMPERATURE (HWS-T)
- HOT WATER RETURN TEMPERATURE (HWR-T)
- BOILER HEADER SUPPLY TEMPERATURE (BLRS-T)

ANALOG OUTPUTS:
- HOT WATER RESET SIGNAL (BLR-RST)

## 1 RTU-57, RTU-58
NOT TO SCALE

SEQUENCE OF OPERATION
RTU-57& RTU-58 ARE A VARIABLE AIR VOLUME (VAV), PACKAGED ROOFTOP AIR HANDLING UNIT (RTU) WITH MIXING BOX AND FILTRATION, DIRECT EXPANSION COOLING COIL, NATURAL GAS HEATING SECTION, SUPPLY FAN AND EXHAUST FAN SERVING VAV TERMINAL UNITS FOR ZONE TEMPERATURE CONTROL.

THE DIRECT DIGITAL CONTROLS FOR THIS RTU WILL BE PROVIDED (FACTORY INSTALLED AND WIRED) BY THE RTU MANUFACTURER. THE RTU MANUFACTURER WILL LIST AND CONTROL COMPONENTS REQUIRING FIELD MOUNTING AND WIRING IN THE RTU SUBMITTAL DOCUMENTS. THE TEMPERATURE CONTROLS CONTRACTOR (TCC) WILL INSTALL FACTORY FURNISHED COMPONENTS AND LOW VOLTAGE CONTROL WIRING PER MANUFACTURER'S WRITTEN INSTRUCTIONS. THE TCC WILL FURNISH AND INSTALL ZONE TEMPERATURE SENSORS (FOR CONTROL OF TERMINAL UNITS) AND PLENUM STATIC PRESSURE SENSOR, INCLUDING LOW VOLTAGE CONTROL WIRING FOR COMMUNICATION TO THE DIRECT DIGITAL CONTROL SYSTEM. THE TCC WILL INSTALL LOW VOLTAGE WIRING FROM THE AUXILIARY CONTACTS OF THE SUPPLY AND RETURN SMOKE DETECTORS TO THE RTU CONTROLLER FOR SYSTEM SHUTDOWN OF THE RTU WHEN SMOKE DETECTORS ARE ACTIVATED.

THE RTU MANUFACTURER WILL PROVIDE A BACNET INTERFACE CARD AS REQUIRED TO INTERFACE TO THE DIRECT DIGITAL CONTROLS FRONT-END. CONTROLS STARTUP, COMMISSIONING, AND WARRANTY SUPPORT OF THE FACTORY-PROVIDED AND FACTORY-FURNISHED CONTROLS SHALL BE THE RESPONSIBILITY OF THE RTU MANUFACTURER. SUPPORT OF THE BACNET INTERFACE CARD WILL BE THE RESPONSIBILITY OF THE RTU MANUFACTURER. THE RTU MANUFACTURER WILL PROVIDE OWNER TRAINING.

SUPPLY FAN START/STOP: THE SUPPLY FAN (SF-C) WILL BE ENABLED/DISABLED ACCORDING TO THE OCCUPIED/UNOCCUPIED SCHEDULE, OR MANUALLY AS SELECTED BY THE OPERATOR. THE MINIMUM RUN TIME WILL BE 30 MINUTES (ADJ). IF THE SUPPLY FAN STATUS (SF-S) DOES NOT MATCH THE COMMANDED VALUE, AN ALARM WILL BE GENERATED AT THE USER INTERFACE. WHEN THE SUPPLY FAN STATUS INDICATES THE FAN IS ENERGIZED, THE CONTROL SEQUENCE WILL BE INITIATED.

SUPPLY FAN SPEED CONTROL: THE SUPPLY FAN SPEED (SF-0) WILL MODULATE VIA VARIABLE FREQUENCY DRIVE (VFD) TO MAINTAIN DUCT STATIC PRESSURE SETPOINT, AS SENSED BY SUPPLY AIR DUCT STATIC PRESSURE SENSOR (SA-SP), INITIALLY SET AT 1.0" WG (ADJ). THE DUCT STATIC PRESSURE SETPOINT VALUE WILL BE DETERMINED AT THE TIME OF SYSTEM BALANCING IN COORDINATION WITH THE TEST AND BALANCE CONTRACTOR.

EXHAUST FAN START/STOP: WHEN THE SUPPLY FAN IS ENERGIZED, THE EXHAUST FAN (EF-C) WILL BE ENABLED. IF THE EXHAUST FAN STATUS (EF-S) DOES NOT MATCH THE COMMANDED VALUE, AN ALARM WILL BE GENERATED AT THE USER INTERFACE.

EXHAUST FAN SPEED CONTROL: THE EXHAUST FAN SPEED (EF-O) WILL MODULATE VIA VFD TO MAINTAIN +0.05" WG (ADJ) STATIC PRESSURE WITH REFERENCE TO OUTDOOR AMBIENT CONDITIONS, AS SENSED BY PLENUM DIFFERENTIAL PRESSURE TRANSMITTER (PLE-SP).

SUPPLY AIR TEMPERATURE CONTROL: THE NATURAL GAS HEATING (HTG-C), MIXED AIR DAMPER CONTROL (OA-DPR/RA-DPR), AND DX COOLING COIL (CLG-C) WILL MODULATE IN SEQUENCE TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SETPOINT OF 55F (ADJ).

ECONOMIZER CONTROL (ENTHALPY): WHEN THE OUTSIDE AIR ENTHALPY, AS DETERMINED VIA CALCUALTION USING OUTSIDE AIR TEMPERATURE (OA-T) AND OUTSIDE AIR HUMIDITY (OA-H), IS BELOW THE RETURN AIR ENTHALPY, AS CALCULATED USING THE VALUES OF RETURN AIR TEMPERATURE (RA-T) AND RETURN AIR HUMIDITY (RA-H), THE ECONOMIZER MODE WILL BE ENABLED. WHEN ECONOMIZER MODE IS ENABLED, THE OUTDOOR AIR DAMPER (OA-DPR) AND RETURN AIR DAMPER (RA-DPR) WILL MODULATE IN SEQUENCE TO MAINTAIN THE DISCHARGE AIR TEMPERATURE (DA-T) SETPOINT.

SYSTEM SAFETIES: UPON ACTIVATION OF SMOKE DETECTION DEVICE (DA-SD, RA-SD), THE SUPPLY AND EXHAUST FANS SHALL BE DE-ENERGIZED VIA HARD-WIRED CONNECTION TO THE RTU CONTROLLER. AN ALARM WILL BE INITIATED AT THE USER INTERFACE.
SYSTEM SHUTDOWN: WHEN THE UNIT IS SHUTDOWN VIA MANUAL STOP COMMAND, OCCUPIED/UNOCCUPIED SCHEDULE, OR SYSTEM SAFETY COMMAND, THE UNIT WILL BE SET AS FOLLOWS:

SUPPLY FAN IS DE-ENERGIZED
EXHAUST FAN IS DE-ENERGIZED
OUTSIDE AIR DAMPER IS CLOSED
RETURN AIR DAMPER IS OPEN

POINTS LIST: THE FOLLOWING REPRESENTS THE MINIMUM POINTS TO BE PROVIDED AND DISPLAYED AT THE USER INTERFACE SYSTEM GRAPHICS. PROVIDE, AND DISPLAY AT THE USER INTERFACE, ANY ADDITIONAL POINTS NECESSARY TO ACHIEVE THE SEQUENCE OF OPERATION OF THE SYSTEM.

BINARY INPUTS
- SUPPLY FAN STATUS (SF-S)
- EXHAUST FAN STATUS (EF-S)
- SMOKE DETECTORS (SA-SD, RA-SD)

BINARY OUTPUTS
- SUPPLY FAN START/STOP (SF-C)
- EXHAUST FAN START/STOP (EF-C)

ANALOG INPUTS
OUTSIDE AIR TEMPERATURE (OA-T)
OUTSIDE AIR HUMIDITY (OA-H)
MIXED AIR TEMPERATURE (MA-T)
RETURN AIR TEMPERATURE (RA-T)
HEATING TEMPERATURE (HTG-T)
RETURN AIR HUMIDITY (RA-H)
SUPPLY AIR TEMPERATURE (SA-T)
SUPPLY AIR STATIC PRESSURE (SA-SP)
BUILDING STATIC PRESSURE (BLD-SP)

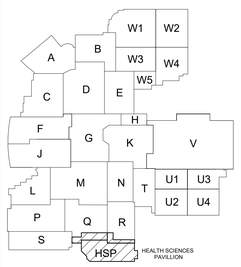
ANALOG OUTPUTS
- SUPPLY FAN SPEED (SF-O)
- EXHAUST FAN SPEED (EF-O)
- OUTDOOR AIR DAMPER POSITION (OA-DPR, LINKED WITH RA-DPR)
- GAS HEAT OUTPUT (HTG-C)
- DX COOLING OUTPUT (CLG-C)

ANALOG/MULTI-STATE VALUES:
- DISCHARGE AIR TEMPERATURE SETPOINT
- DUCT STATIC PRESSURE SETPOINT
- BUILDING STATIC PRESSURE SETPOINT
- ALARM VALUE
- OCCUPANCY MODE

CALCULATED (SHOWN ON GRAPHICS)
- OUTSIDE AND RETURN AIR ENTHALPY


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| # | Date | Description |
|---|---|---|
| 1 | 11/02/2026 | Addendum #3 |





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11 Municipal Dr., Suite 300
Fishers, Indiana 46038
(317) 617-4270

TECHNOLOGY:
Design 27
1650 E. 49th Street
Indianapolis, Indiana 46205
(317) 536-8000


Project Name:

**Franklin Central High School Health Sciences Pavilion**

Drawing Title:

**TEMPERATURE CONTROLS SCHEMATICS**

GABRIEL S. CURRIER REGISTERED NO. PE10808972 STATE OF INDIANA PROFESSIONAL ENGINEER

| | |
|---|---|
| Client Project No: | |
| VPS Project No: | 2025019.00 |
| Project Issue Date: | 09.16.2026 |
| Drawing No: | M-701 |

## GENERAL LIGHTING NOTES

A REFER TO ELECTRICAL SYMBOLS AND ABBREVIATIONS SHEET E-001 FOR ADDITIONAL INFORMATION.

B COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECT AND INTERIOR DESIGNER.

C PROVIDE LABELS ON ALL EQUIPMENT MODIFIED BY THIS PROJECT. PROVIDE LABELS ON ALL JUNCTION BOXES AND CONDUITS MODIFIED OR PROVIDED BY THIS PROJECT. PROVIDE UPDATED PANELBOARD DIRECTORIES ON ALL PANELBOARDS MODIFIED BY THIS PROJECT.

D NOT ALL PLAN NOTES ARE USED ON THIS SHEET.

## ◯ LIGHTING PLAN NOTES

3 INSTALL BOTTOM OF LIGHT FIXTURE WITH ADJACENT CLOUD AT +8'-6". REFER TO ARCHITECTURAL PLANS FOR MORE INFORMATION.

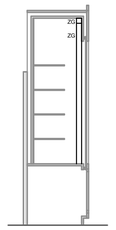
4 INSTALL BOTTOM OF LIGHT FIXTURE WITH ADJACENT CLOUD AT +9'-0". REFER TO ARCHITECTURAL PLANS FOR MORE INFORMATION.

5 INSTALL BOTTOM OF LIGHT FIXTURE WITH ADJACENT CLOUD AT +9'-6". REFER TO ARCHITECTURAL PLANS FOR MORE INFORMATION.

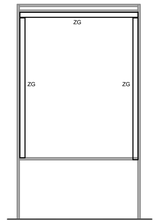
6 INSTALL BOTTOM OF LIGHT FIXTURE WITH ADJACENT CLOUD AT +10'-0". REFER TO ARCHITECTURAL PLANS FOR MORE INFORMATION.

7 PROVIDE DISPLAY CASE LIGHTING. REFER TO ELEVATION DISPLAY CASE LIGHTING AND SECTION DISPLAY CASE LIGHTING FOR INSTALLATION IN THE HORIZONTAL AND VERTICAL ON EACH SIDE. INSTALL LIGHTING TO ILLUMINATE THE SIDES AND BACK OF DISPLAY CASE.

8 SWITCHING FOR WHITE AND RED LEDS IN OPERATING ROOM LIGHTS.




3 **SECTION DISPLAY CASE LIGHTING**
1/2" = 1'-0"



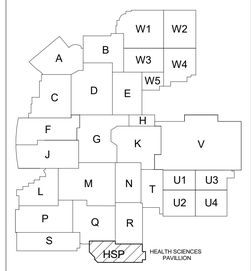

2 **ELEVATION DISPLAY CASE LIGHTING**
1/2" = 1'-0"




1 **ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT HSP**
1/8" = 1'-0"


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| 2 | 11/10/2026 | ADDENDUM 3 |
| 1 | 10/27/2026 | ADDENDUM 2 |




PROJECT NORTH


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TECHNOLOGY:
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Project Name:

**Franklin Central High School Health Sciences Pavilion**

Drawing Title:

**ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT HSP**

DAVID L. JONES, III
REGISTERED
NO. PE12100175
STATE OF INDIANA
PROFESSIONAL ENGINEER

Client Project No:

VPS Project No: **2025019.00**

Project Issue Date: **09.16.2026**

Drawing No: **EL103**