Hanover College
Veterinary Teaching Center
Hanover, IN

Bid Date: *04/11/2025 @ 2:00pm*

ADDENDUM 03

Date of Addendum: 04/03/2025
To the Drawings and Specifications for:

Hanover College
Veterinary Teaching Center
Hanover, IN

This addendum modifies the original CONTRACT DOCUMENTS dated 03/07/2025. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This addendum consists of two (2) pages plus attachments.

CHANGES TO SPECIFICATIONS:

1. Section 084113 ALUMINUM FRAMED ENTRANCES AND STROREFRONTS: Subparagraph 2.9.A.1.- Revise subparagraph 2.9.A.1 to read as follows: "1. Color: To be selected by Architect from manufacturer's full range of whites."

2. Section 095113 ACOUSTICAL PANEL CEILINGS

   a. Section 2.3 ACOUSTICAL PANELS: Replace Section 2.3 ACOUSTICAL PANELS paragraphs and subparagraphs with the following:

"2.3 ACOUSTICAL PANELS

A. Acoustical Panels (ACT-1):

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

   a. Armstrong World Industries (Basis of design -Calla)
   b. CertainTeed; SAINT-GOBAIN
   c. USG Corporation

2. Acoustical Panel Standard: Provide manufacturer's standard panels in accordance with ASTM E1264 and designated by type, form, pattern, acoustical rating, and light reflectance unless otherwise indicated.
3. Classification: Provide panels as follows:

   a. Type and Form, Type IV Form 2: Mineral base with membrane-faced overlay; Form 2.
   b. Pattern: E (lightly textured).

4. Color: White.
5. Light Reflectance (LR): Not less than 0.85.
6. Ceiling Attenuation Class (CAC): Not less than 35.
7. Noise Reduction Coefficient (NRC): Not less than 0.85.
8. Edge/Joint Detail: Square.
9. Thickness: 1 inch.
10. Modular Size: As indicated on Drawings.
11. Antimicrobial Treatment: Manufacturer's standard broad spectrum, antimicrobial formulation that inhibits fungus, mold, mildew, and gram-positive and gram-negative bacteria and showing no mold, mildew, or bacterial growth when tested in accordance with ASTM D3273, ASTM D3274, or ASTM G21 and evaluated in accordance with ASTM D3274 or ASTM G21.

B. Acoustical Panels (ACT-2):

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

   a. Armstrong World Industries- (Basis of design Clean Room)
   b. CertainTeed; SAINT-GOBAIN
   c. USG Corporation

2. Acoustical Panel Standard: Provide manufacturer's standard panels in accordance with ASTM E1264 and designated by type, form, pattern, acoustical rating, and light reflectance unless otherwise indicated.
3. Classification: Provide panels as follows:

   a. Type and Form, Type IV Form 2: Wet formed mineral base with membrane-faced overlay; with soil resistant polyester film.
   b. Pattern: G (smooth).
   c. Color: White.

4. Light Reflectance (LR): Not less than 0.79.
5. Ceiling Attenuation Class (CAC): Not less than 35.
6. Noise Reduction Coefficient (NRC): Not less than 0.55.
7. Edge/Joint Detail: Square.
8. Thickness: 1 inch.
9. Modular Size: As indicated on Drawings.
10. Antimicrobial Treatment: Manufacturer's standard broad spectrum, antimicrobial formulation that inhibits fungus, mold, mildew, and gram-positive and gram-negative bacteria and showing no mold, mildew, or bacterial growth when tested in accordance with ASTM D3273, ASTM D3274, or ASTM G21 and evaluated in

accordance with ASTM D3274 or ASTM G21."

b. Section 2.7 ACOUSTICAL SEALANT- Remove Section 2.7 ACOUSTICAL SEALANT and associated paragraphs in their entirety.
c. Paragraph 3.3.A.- Paragraph 3.3.A remove "[, seismic design requirements,]" in its entirety from the middle of the sentence.

3. Section 102800 TOILET, BATH, AND LAUNDRY ACCESSORIES

a. Subparagraph 2.2.D.1- Revise from "Waste Receptacle (WB4)" to read "Waste Receptacle (WB1)".
b. Section 2.6 CHILDCARE ACCESSORIES- Add Section 2.6 CHILDCARE ACCESSORIES to read as follows, renumber the remaining sections:

"2.6 CHILDCARE ACCESSORIES

C. Diaper-Changing Station (DCS):

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. ASI- American Specialties, Inc.
b. Bradely Corporation.
c. Koala Kare Products; Bobrick Washroom Equipment.
d. Safe-Strap Company, LCC.

2. Description: Horizontal unit that opens by folding down from stored position and with child-protection strap.

a. Engineered to support minimum of 250 lb static load when opened.

3. Mounting: Surface mounted, with unit projecting not more than 4 inches from wall when closed.
4. Operation: By pneumatic shock-absorbing mechanism.
5. Material and Finish: HDPE in manufacturer's standard color.
6. Liner Dispenser: Provide built-in dispenser for disposable sanitary liners."

4. Section 117300 PATIENT CARE EQUIPMENT- Replace specification 117300 PATIENT CARE EQUIPMENT in its entirety with attached. Revises track and lift capacity.

5. Section 132700 COLD ROOMS- Replace specification 132700 COLD ROOMS in its entirety with attached. Revise requirements of cold and freezer temperature requires, added humidity, and revised manufacturers.

6. Section 134900 RADIATION PROTECTION

a. Paragraph 2.2.B- Add the following to the end of Paragraph 2.2.B to read as follows: "…but not less than 2mm."
b. Section 2.3- Add Section 2.3 LEAD SHEET, STRIP, AND PLATE to read as follows and renumber remaining specification sections:

"2.3 LEAD SHEET, STRIP, AND PLATE

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. A&L Shielding Inc.
2. New Shield, Inc.
3. Radiation Protection Products, Inc
4. Ultraray Radiation Protection

B. Lead Sheet, Strip, and Plate: ASTM B749, Alloy UNS No. L51121 (chemical-copper lead)."

c. Paragraph 2.4 LEAD-LINED GYPSUM BOARD – 2.4.A.1-4- Replace manufacturers list to read as follows:

"1. A&L Shielding Inc.
2. New Shield, Inc.
3. Radiation Protection Products, Inc
4. Ultraray Radiation Protection"

CHANGES TO DRAWINGS:

Note: Revisions for this addendum on attached reissued sheets are clouded and labeled "Delta C".

1. Sheet A-100 FLOOR PLAN – REFERENCE; replace sheet in its entirety with attached.
   a. Added note "COUNTERTOP SCHEDULE"

2. Sheet A-102 FLOOR DIMENSION PLAN – SOUTH; replace sheet in its entirety with attached.
   a. Remove window tags W7, W8, W13 in TREATMENT 130

3. Sheet A-104 FLOOR PLAN – SOUTH; replace sheet in its entirety with attached.
   a. Remove window tags W7, W8, W13 in TREATMENT 130

4. Sheet A-521 INTERIOR PARTITION DETAILS; replace sheet in its entirety with attached.
   a. Revision to detail 1/A-521, 7/A-521 & 11/A-521

5. Sheet A-540 PLAM CASEWORK DETAILS; replace sheet in its entirety with attached.
   a. Revision to detail 3/A-540

6. Sheet A-601 DOOR & FRAME SHCEDULE & TYPES.; replace sheet in its entirety with attached.
   a. Revision to DOOR SCHEDULE, added doors X164 & X170B; revised door 173A.
   b. Revised Remark 23
   c. Revised DOOR TYPE "FL/FL"
   d. Revised Door Frame Types

7. Sheet A-610 WINDOW SHCEDULE; replace sheet in its entirety with attached.
   a. Remove windows W7, W8 & W13 from WINDOW TYPES & WINDOW SCHEDULE

8. Sheet A-620 ROOM FINISH SCHEDULE & FLOOR PATTERN PLAN.; replace sheet in its entirety with attached.
   a. Revised ROOM FINISH SCHEDULE

9. Sheet Q-420 WALK IN COOLER AND FREEZER.; replace sheet in its entirety with attached.
   a. Added detail 4/Q-420
   b. Revised detail 1/Q-420

ATTACHMENTS:

Specification Sections:
117300 PATIENT CARE EQUIPMENT
132700 COLD ROOMS

Drawings:
Arch: A-100, A-102, A-104, A-521, A-540, A-601, A-610, A-620, Q-420

END ADDENDUM NO. 03

SECTION 117300 - PATIENT CARE EQUIPMENT

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Ceiling-mounted lift systems and tracks.

B. Related Requirements:

1. Section 055000 "Metal Fabrications" for above-ceiling supplementary framing for support and anchorage of patient-lift systems.

1.2 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings:

1. Include plans, elevations, sections, and details.
2. Include details of components. Indicate location and size of each field connection.
3. Include diagrams for service connections and power, signal, and control wiring.

C. Product Schedule: For patient care equipment. Use same designations indicated on Drawings.

D. Delegated-Design Submittal: For above-ceiling supplementary framing for support and anchorage of lift systems and rail, signed and sealed by the qualified professional engineer responsible for their preparation.

1.4 INFORMATIONAL SUBMITTALS

A. Coordination Drawings: For ceiling-mounted patient-lift systems, reflected ceiling plan(s), and other details, drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:

1. Suspended ceiling components.
2. Structural members to which ceiling-mounted patient-lift systems will be attached.
3. Items penetrating finished ceiling including the following:

a. Lighting fixtures.

b. Air outlets and inlets.
c. Speakers.
d. Sprinklers.
e. Access panels.

4. Perimeter moldings.

B. Field quality-control reports.

1.5 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For products to include in operation and maintenance manuals.

1.6 QUALITY ASSURANCE

A. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.

1. Build mockup of typical installation of the following as shown on Drawings:

a. Rail System.

2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design above-ceiling supplementary framing for support and anchorage of monorail and monorail.

2.2 CEILING-MOUNTED LIFT SYSTEMS

A. Ceiling-Mounted trolley Lift: Consisting of a motor-driven lift unit that traverses on a electrical ceiling-mounted track system.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. Beta Max
b. Coffing

c. Harrington Hoist
d. Columbus McKinnon

B. Ceiling-Mounted Track System: High-strength steel in manufacturer's standard profile and thickness to support lifting capacity indicated for lift units and a static capacity of 4,000 lbs. Provide track shapes and accessories as required to provide a complete system in layout indicated on Drawings. Track to support power to the Lift Unit.

C. Tolley hooks: Provide (2) manual trolley hooks to be used in association with the lift unit.

D. Lift Unit: Steel frame system lifting trolley and horizontal-drive motors secured to chassis.

1. Lifting Capacity: 2,500 lb.
2. Maximum Lift Range: 96 inches.
3. Safety Features:

a. Emergency stop.
b. Emergency lowering device, mechanical and electrical.
c. Control of lift strap.
d. Cut-off Angle: 45 degrees along the rail; 10 degrees across the rail.

4. Electronics:

a. Control Unit: Walk-along, hand-held control unit.
b. On/Off Control: Soft start and stop with overload protection.
c. Motors: Provide in quantity required by lifting capacity indicated.

1) Lift Motors: 2.3 inches per second lift speed at maximum capacity load.
2) Horizontal-Drive Motors: 5.9 inches per second horizontal traverse at maximum capacity load.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 CEILING-MOUNTED LIFT SYSTEMS

A. Install tracks level and plumb, according to manufacturer's written instructions.

1. Support track directly from structure using manufacturer's standard supports, anchors, and fasteners at intervals required by lifting capacity indicated, but not less than 36 inches o.c.
2. Brace direct-to-structure track supports where distance between suspended ceiling and anchors is more than 18 inches.

3. Provide supports at each track end, splice, and tangent point of each corner.
4. Install track accessories, splices, end caps, connectors, coupling and joining devices, and other accessories as required for a secure and operational installation.
5. Paint lift capacity on track on both sides with 6-inch lettering minimum at 10 feet oc.

3.3 ADJUSTING

A. Adjust products for proper function and operation to comply with manufacturer's written instructions.

3.4 PROTECTION

A. Protect installed products from damage for the remainder of the construction period.

B. Repair damaged products according to manufacturer's written instructions. If damaged products cannot be successfully repaired, as determined by Architect, remove and replace damaged products.

END OF SECTION 117300

SECTION 132700 – COLD ROOMS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes: Provide materials, equipment and services necessary to complete the Prefabricated Environmental Room. The room shall include modular metal clad construction will all the essential controls, and equipment required to meet the specified conditions of the contract documents.

1. Factory assembly and test major components prior to delivery.
2. Complete self-contained refrigeration and freezer system.
3. Humidifier system.
4. Controls and Instrumentation.
5. Light fixtures.
6. Delivery of equipment to the final location.
7. Assemble rooms inducing refrigeration piping, electrical power connections, inter-wiring and preform all other work to provide a complete operational room.
8. Start-up and field testing of room.

B. Related Sections:

1. Section 079200 “Joint Sealants” for sealants.
2. Section 087100 “Door Hardware” for lock core.
3. Section 117300 “Patient Care Equipment” for trolley and track system run through cooler.
4. Section 123553.13 “Metal Laboratory Casework” for laboratory casework and accessories.

1.2 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings:

1. Include rouging-in information for mechanical and electrical connections.
2. Show adjacent walls, doors, windows, other building components, laboratory casework, and other laboratory equipment. Indicate clearance from the above items.
3. Include layout of environmental room with in relation to lighting fixtures and air-conditioning registers and grilles.
4. Include plans, elevations, sections, and attachment and assembly details.

5. Include diagrams for power, signal, and control wiring.
6. Indicate locations of light fixtures.
7. Indicate locations of fire sprinklers.
8. Indicate locations of trolley track and supports.
9. Indicate location of trolley door.

C. Samples for Verification: Actual sample of proposed wall panel assembly with the joint method including cam lock and seal.

1. Size: Manufacturers' standard size.

1.4 INFORMATIONAL SUBMITTALS

A. Certificates:

1. Field Testing: Contractor to certify that the field tests specified have been performed and that products meet or exceed specified requirements.

B. Test and Evaluation Reports:

1. Product Test Reports: For each vault assembly, for tests performed by a qualified testing agency.

C. Qualification Statements: For Manufacturer and Installer.

1.5 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For Prefabricated Environmental Room to include in emergency, operation, and maintenance manuals.

1. In addition to items specified in Section 017823 "Operation and Maintenance Data," include the following:

a. Sequential operation.
b. Start-up and shut down with pertinent control data and schematics.
c. Room arrangement.
d. Component parts list.

1.6 QUALITY ASSURANCE

A. Qualifications:

1. Manufacturer: A company specializing in the manufacture of complete packaged Walk-in refrigerator and freezer. Only sing source suppliers will be acceptable supplying all components as specified, with satisfactory installations of similar equipment, in operation for at least 5 years. To indicate familiarity with equipment and components, a minimum of 200 rooms shall be installed within the past 5 years.

2. Installers: Company specializing in the work of this section with a minimum five years' experience.

    a. Maintenance Proximity: Not more than two hours' normal travel time from Installer's place of business to Project site.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Wrap and crate finished components and assemblies at factory to prevent damage or marring of surfaces during shipping and handling.

B. Protect products and exposed finishes against physical damage during room erection.

C. Do not deliver materials or assemblies to site unit installation spaces are ready to receive room.

1.8 FIELD CONDITIONS

A. Field Measurements: The installing contractor shall examine and verify project conditions at the site to assure acceptable access, dimensions, and general conditions.

1.9 WARRANTY

A. Manufacturer's Warranty: Manufacturer shall provide a written warranty to the Owner stating the product is free from defects in material or workmanship under normal use and service within specified warranty period.

1. Warranty Period:
    a. Insulated panels: Fifteen years from date of Substantial Completion.
    b. Compressor: Five years from date of Substantial Completion.
    c. Parts and Labor: 18 months from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 WALK-IN REFRIGERATOR AND FREEZER

A. Cold Room:

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

    a. American Cooler
    b. Atlas Cool.
    c. U.S. Cooler (Basis of Design)

2.2 PERFORMANCE REQUIREMENTS

A. Walk-in Refrigerator: Maintain temperature between 3 to 4 degrees Celsius controlled to +/-2 degrees Celsius.

1. Heat load within refrigerator:

a. Human occupants- Two full time
b. Cadavers- 20 large dogs at 18-degrees Celsius
c. Door opening- 20 opening per hour maximum for 30 seconds.
d. Monorail track- Two openings in cooler wall for monorail track above doors.

B. Freezer: Maintain temperature between -10 to -20 degrees Celsius.

1. Heat load within freezer:

a. Human occupants- One for 10 minutes per hour.
b. Cadavers- 10 large dogs at 3 degrees Celsius
c. Door openings – Five openings per hour maximum for 30 seconds.

C. Humidity: Maintain humidity of 85%.

D. Lighting: Provide 75-footcandles at 36-inches above finish floor.

2.3 WALL PANELS FOR WALK-IN REFRIGERATOR AND FREEZER

A. Modular Panel Construction General: Wall and ceiling panels shall be prefabricated modular construction consisting of 100% foamed-in place polyurethane insulation 4-inch thick, bonded by an adhesive to the interior and exterior metal pan skins and heat cured for lifelong stability with no less than three cam-lock devices; gasket to seal between panels. Each wall panel skin is to be formed using a double 90-degree bend on each edge to add strength and rigidity. Panels are to be in widths of 6-inch increments, with a minimum width of 6 inches and maximum width of 48 inches. All panels are to bear the UL label to meet. The panels shall incorporate cam lock type fasteners as joining devised for the adjacent tongue and groove panels. Each devise is consist of a cam action locking device. The locking devices shall be operable from inside the walk-in. Cam plug buttons are provided to cover the holes after assembly is complete. Construction shall be approved by the NSF International and shall bear the NSF Seal of Approval. No wood shall be permitted in manufacture of the tongue and groove panel profile to avoid future swelling and mold formation. Panels shall provide access for trolley track above entry doors, coordinate size with trolley track manufacturer.

1. Panel joints: are to be precisely formed male and female tongue and groove shapes fabricated to force the male edge to contact the female edge, providing additional seal. The panel edge shall have a gasket which provides a positive seal that meets NSF standards. Gasket shall be “locked” to the skins and run in a continuous piece, completely around the panel with only one break to provide the optimal seal. Gasket is locked to the skins by the means of being foamed-in-place as an integral part of the finished panel. The gasket is to fit completely around the double 90-degree bend on the edge of the panel skin.

2. Mechanical panel fasteners: Shall have wings which provide the necessary strength to support the cam action of the locking mechanism when the panels are drawn together. Access holes to the locking mechanism shall be cleared of foam and concealed with NSF listed synthetic plug buttons to provide a sanitary seal.
3. Insulation:
   a. Refrigerator: Shall be a full 4-inches thick, Class A (Class 1) rigid foamed-in-place polyurethane with a 2.2 pound density. K factor of not more than 0.141 and an R-factor of not less than 7.1 per inch, initial fresh R-28.4 minimum total R factor. Foam polyurethane shall be injected into the panels by means of a high output, high pressure impingement mixing head. The "R" value of the walls and ceilings shall be a minimum of 25 for refrigerator. The K-factor used to determine the "R" value shall be based on ASTM C518-04. Insulation shall be 95-percent closed cell structure. Vapor transmission shall be less than 1 perm and foam core material meet UL 25 flame spread rating with average smoke rating less than 450 per ASTM E-84/UL 723 Polyurethane foam shall be expanded with HFC-245fa. The use of an ozone depleting CFC or HCFC as a blowing agent is specifically prohibited.
   b. Freezer: Shall be a full 4-inches thick, Class A (Class 1) rigid foamed-in-place polyurethane with a 2.2 pound density. K factor of not more than 0.125 and an R-factor of not less than 8 per inch, initial fresh R-32 minimum total R factor. Foam polyurethane shall be injected into the panels by means of a high output, high pressure impingement mixing head. The "R" value of the walls and ceilings shall be a minimum of 25 for coolers and 32 for freezers. The K-factor used to determine the "R" value shall be based on ASTM C518-04. Insulation shall be 95-percent closed cell structure. Vapor transmission shall be less than 1 perm and foam core material meet UL 25 flame spread rating with average smoke rating less than 450 per ASTM E-84/UL 723 Polyurethane foam shall be expanded with HFC-245fa. The use of an ozone depleting CFC or HCFC as a blowing agent is specifically prohibited.
   c. Ceiling Panels: Shall be a full 4-inches thick foamed-in-place polyurethane, modular panel jointed by not less than three cam-lock devices; gasket to seal between panels; R-28 or greater for refrigerators and R-32 or greater for freezers. Metal face skins are to incorporate seams using a double 90-degree bend. The joint between the ceiling and wall shall form a 45-degree angle to allow for easy cleaning.

4. Ceiling support: Supply posts, beams and necessary accessories required to support the ceiling span. Retaining strips shall fasten the beam directly to the ceiling panels.

   a. Coordinate panel with monorail track hangers so they are structurally independent. Provide thermal barriers at all penetrations.
   b. Coordinate sprinkler heads: cut holes for sprinkler heads; provide stainless steel trim cap and seal holes. Provide thermal barriers at all penetrations.

5. Freezer Floor: Exposed prefabricated freezer floor panels must have R-28 rating or greater; allowable stationary load of 600 pounds per square foot when placed on a continuous concrete slab, slab to transit level prior to installation walk-in.

B. Door Construction: Doors shall be flush mounted, positioned and hinged; provide with suitable sweep and magnetic gaskets, door closer, one pre-wired vapor proof light fixture, light switch

with pilot light, dial thermometer, manual internal lock override, chrome plated cam lift hinges, chrome plated door latches with strike.

1. The door section shall provide a full 4-inches of polyurethane, with an R-25 or greater for walk-in refrigerator and R-32 or greater for freezers.
2. Bottom of door: Shall seal with an adjustable double sweep gasket, uniquely designed to provide complete seal between door, threshold, and door jamb.
3. Door Jamb: Shall be a fully covered, extruded, welded, structural anodized aluminum, rigid frame design for easy cleaning and maintenance.
4. Threshold plate: Shall be constructed of aluminum for bearing strength.
5. Freezer Door: Rooms operating at or below 4-degrees Centigrade shall have an anti-sweat heater wire around the entire perimeter of the door opening and under threshold.

    a. Heater Wire: Shall provide enough heat to prevent condensation.
    b. Heater Wire Housing: Shall be an electrical safe housing and be easily replaceable without the need for clips or special tools.
    c. Conduit for the inner-wiring: Shall be concealed in the polyurethane foam panel.

6. Door section to be field wired to surface mounted 4-inch by 4-inch junction box on the interior door panel. The complete door section shall be UL listed and so labeled.
7. Door Hardware: Shall be high pressure die-cast zinc with a polished chrome finish. Hardware shall include a spring actuated door closer, spring-loaded cam lift hinge, door handle assembly with bumpers and inside safety release. Door hardware to meet the following:

    a. Door Hinge: One cam-lift spring assisted self-closing hinge and one cam-lift hinge.
    b. Door handle assembly: Kason or Component equivalent with steel reinforced plate inside door panel, pull door handle with cylinder lock, padlock hole and ninterior safety release. Refer to 087100 “Door Hardware” for cylinder lock.
    c. Hardware attachment: All hardware shall be attached to extra-large ½-inch thick, non-conducting synthetic tapping plates.

8. Door Observation Window: Shall be 14-inches by 24-inches three-pane tempered safety glass certified per ANSI Z97.1-2004. Rooms operating at or below 4-degress Centigrade to have heated frames around the glass and be Argon gas filled. Rooms operating below 0-degrees Centigrade shall have heated frames and heated glass and have heat reflective treated glass.
9. Digital Thermometer: Calibrated to indicate interior room temperatures in Centigrade shall be provided with each entrance door.
10. Kickplate: Made of 16-gauge stainless steel shall be factory installed to the interior and exterior of door surface. Kickplate is to extend up 36-inches from the floor. The door shall also include a third hinge for additional support.
11. Sliding strip curtains at trolley track entry or manufacturers standard closure at trolley track entry.

C. Finishes:

1. Wall panels: 24 gauge smooth white galvanized steel.
2. Ceiling panels: 24 smooth stainless steel.
3. Floor panels: 20 gauge smooth galvanized steel.

2.4 EQUIPMENT

A. Lighting: Rooms operating above or below freezing shall utilize 2-foot or 4-foor LED lights. Lights are ideal for operating temperature of -40-degrees Centigrade to +50-degrees Centigrade.

1. Mounting: All light fixtures are to be surface mounted on the ceiling. Refer to drawings for foot candles.
2. Locate light switch with pilot light adjacent to the door with all inner wiring in concealed conduit inside the polyurethan foam of the door section and terminated at a surface mounted 4-inch by 4-inch junction box on the interior door frame. All light fixtures shall operate on 115 VAC.

B. Instruments and Control Systems: A control panel incorporating a key locked door with a clear acrylic cover shall be required for viewing and protection the controls from damage or unauthorized adjustments. The control panel is to be mounted as indicated on drawings and shall comply with ICC A117.1. The conduit is to be stubbed to the ceiling topside and covered with matching trim closure. All line voltage components including circuit breakers for lights, outlets, and units coolers are to be located in a NEMA 1 UL listed line voltage enclosure directly above the controls.

1. Temperature Controller: To be a fully programmable microprocessor providing user interface through a liquid crystal alphanumeric display with 4x20 characters. Dials, toggle switches, calibration via set pot and non-alphanumeric controls are not acceptable. All set points are to be adjustable by the multi-function interface key pad. To ensure uninterrupted operation the interface shall be completely separated from the control board allowing all systems to continue to operate with the interface disconnected.

    a. Control Features: Are to include sensors with a repeatability to better than +/-0.07-degress Centigrade. Product and air temperature display selectable for Fahrenheit or Centigrade scale.
    b. Controller: must have high/low audible and visual alarms for both the product and air temperature, limits adjustable by the user with alarm silence feature. Provide dry contact for product alarm. Power failure alarm.
    c. Controller shall have used adjustable service prompts to provide working hour display for the mechanical devices indicating service times and maintenance information. Sensor failure alarms with user selectable system shutdown feature. User password entry system.
    d. System shall include expansion slots on control board for the ability to add at a later date the option for a real time clock, and serial and/or Ethernet communication interface with capabilities for operation or monitoring of the entire system via a host computer.
    e. System shall have a minimum of 8 digital inputs, 5 analog inputs, 8 digital outputs, and 2 analog outputs to allow for additional user selected operating devices.
    f. The control panel is to operate on low voltage 24V VAC for user safety with 50-60 Hz capabilities.

2.5 MECHANICAL SYSTEMS

A. Refrigeration System: Refrigeration system shall be specifically designed, engineered, and manufactured to achieve and maintain the scheduled room temperature requirements and

performance. System shall include high/low pressure controls, receiver, sight glass, liquid line dryer, custom accumulator, vibration eliminators, expansion valves, and other equipment required to achieve the performance specified.

1. Condensing Unit: Shall use a water cooled, accessible hermetic compressor, designed for industrial use.

    a. Shall be factory assembled and UL listed.
    b. Shall be mounted remotely.
    c. Outdoor units shall have all weather hoods, crankcase heaters, time clock, and head pressure controls.
    d. Placement of the condensing unit will be as indicated on the drawings.

2. Evaporator Coil: Is to be of copper tube aluminum fin design. Evaporator shall be UL listed and forced air type designed for ceiling installation. Fan motors, guards, multi-fin, and tube-type coil shall be housed in heavy gauge aluminum housing. Unit shall have drain pan with suitable drain pipe connection. Evaporators for use at or below 1-degree Centigrade shall use electric defrost and be time initiated and temperature terminated with built-in fail-safe. Rooms requiring heaters to maintain specified temperature shall have strip heaters mounted to unit cooler housing. Strip heaters shall have chrome steel sheath with large finned area for increased working temperatures and faster heat transfer. Final hook up to evaporator drains shall be provided by Division 220000.
3. Continuous operation shall be incorporated by the use of hot gas by-pass to provide close control of room temperature. Compressor and matching evaporator shall be designed to operate continuously for longer life and greater efficiency.
4. Hot gas shall be controlled by a fully modulation three-way electronic proportional valve. Proportional valve shall receive input from a programmable microprocessor control to vary capacity based on changes in load conditions. To prevent leaks the valve shall contain no moving parts other than a floating core. The use of solenoids, mechanical actuated proportional valves or valves with external valve stems are not acceptable.
5. Humidifier: Provide manufacturer's recommended humidifying unit to meet the Performance requirements in the walk-in refrigerator and freezer.

2.6 ROOM SERVICES

A. Electrical Requirements: All electrical components utilized for each room shall be UL listed or recognized with interior wiring practices in accordance with Underwriters Laboratories and the National Electrical Code. Conductors to conform to Article 310 of NEC and all motors to conform to Article 440 of the NEC. Components to be provided as noted in the Specifications with accordance with Division 260000

B. Work performed under Division 260000 shall make complete final power service connections to room components, providing power wiring, and conduit and shall furnish and install fused disconnect switches as required.

2.7 ACCESSORIES

A. Electrical and Instrument Accessories

1. Digital Thermometer/High Alarm, Surface-mounted NL708: Shall be combined into one instrument and be surface mounted onto wall panel with no exposed wiring. To be a fully calibrated, electronic solid state thermometer with LED displays for or air temperature in Fahrenheit scale. Thermometer must have high audible and visual alarms for air temperature which sounds when limits have been exceeded, limits adjustable by user. Locate thermometer adjacent to Prefabricated Room door handle at eye level height.
2. Duplex Receptacles: Each Prefabricated Room is to have 115/60/1 weatherproof duplex receptacle number and location as indicated on the Specification Drawings. Receptacles are to be fully recessed in the wall panels with no exposed conduit in Prefabricated Room. The conduit is to be concealed within the polyurethane and stubbed to the ceiling topside to a junction box.

B. Lighting:

1. Light Switches / O.S.H.A.: Shall be factory installed and pre-wired through foamed-in-place conduit within each door section assembly. O.S.H.A. approved light switching consist of interior and exterior, three-way light switches, inter-wired with constant burning, interior pilot light.

C. Trim Strips and Closures Panels:

1. Trim Strips: Shall be of the same finish as the Prefabricated Room exterior to be provided and installed to fill the area between the building wall and the sides of the Prefabricated Room. All dimensions are to be verified by the Contractor.
2. Closure Panels: Shall be of the same finish as the Prefabricated Room exterior are to be provided and installed to fill the area between the building ceiling and the top of the Prefabricated Room. All dimensions are to be verified by the Contractor.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Inspection: Installing Contractor shall examine and verify areas and work of other trades for correct dimensions, properly located electrical and mechanical utilities. Report any unsatisfactory conditions to the Architect in writing.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

A. General: The installer shall conduct the pre-site inspection and install the walk-in refrigerator and freezer as indicated on the drawings and per manufacturer’s written instructions.

1. This installation shall include receiving, unloading, inspection, and unpacking of walk-in refrigerator and freezer components, the panel erection, light fixture mounting, installation of the ceiling plenum, the inter-wiring of the electrical components, piping, leak testing and start-up of the refrigeration system, and humidity system testing of complete walk-in refrigerator and freezer and the piping of the condensate drains.

2. It is the responsibility of contractor to provide all final hookup of utilities to the walk-in freezer and refrigerator.
3. All other equipment not provided by the walk-in refrigerator and freezer manufacturer such as casework, water fixtures, piping for air, water, gas, vacuum, final electrical hookups or other utilities are the responsibility of Contractor.
4. Install walk-in refrigerator and freezer in accordance with the accepted manufacturer's standards and specifications.
5. Seal or otherwise insure that fastenings to walk-in refrigerator and freezer do not compromise vapor barriers or insulation. Seal all service penetrations for piping and sleeves. Seal all electrical conduit to prevent condensation from accumulating in light fixtures/junction boxes.
6. Insulate refrigeration lines with Armaflex insulation or equal in accordance with ASHRAE standards.

3.3 PERFORMANCE

A. Operating Temperature: After Room has reached operating temperature, door shall be fully opened to 75° F ambient for a period of one full minute. Room shall recover to operating temperature within 5 minutes after closing door.

B. Control Set Point: The Walk-in refrigerator and freezer shall be designed to operate at temperature and humidity Specified in Performance requirements.

C. Temperature Uniformity: The Rooms are to be designed to provide temperature uniformity as specified in the Room Schedule. This is to be defined as an area on a horizontal plane 48 inches above the floor and within 24 inches of the walls. The uniformity is the variation between points across this plane as measured by a twelve point strip chart recorder with the sensors evenly distributed and measured at a given point in time.

3.4 FIELD QUALITY CONTROL

A. Acceptance Testing: Acceptance of the walk-in refrigerator and freezer shall come only after each room has met the parameters as outlined in the performance section of Specifications. It is the responsibility of the Contractor in the presence of a factory trained representative, to verify the operation of the walk-in refrigerator and freezer and obtain owners written approval. A copy of this document must remain with the owner, with an additional copy sent to the room manufacturer. The walk-in refrigerator and freezer operation will then become the Owners responsibility and the warranty period will coincide with acceptance.

3.5 CLEANING

A. General: Remove protective material from surfaces. Clean interior and exterior of walk-in refrigerator and freezer. Remove surplus materials, debris and tools.

3.6 DEMONSTRATION

A. General: Manufacturer's Representative shall provide a demonstration for designated Owner's Representative to inform them of proper operation and maintenance.

3.7 PROTECTION

A. General: Shut off equipment and lock doors to prevent access by unauthorized persons. Verify in writing that walk-in refrigerator and freezer condition is undamaged and acceptable with Construction Manager. Forward all Prefabricated Room keys to Construction Manager for final acceptance of Walk-in refrigerator and freezer.

END OF SECTION 132700

1/16" = 1'-0" 0 4' 8' 16'
1/8" = 1'-0" 0 2' 4' 8'
3/16" = 1'-0" 0 2' 4' 8'
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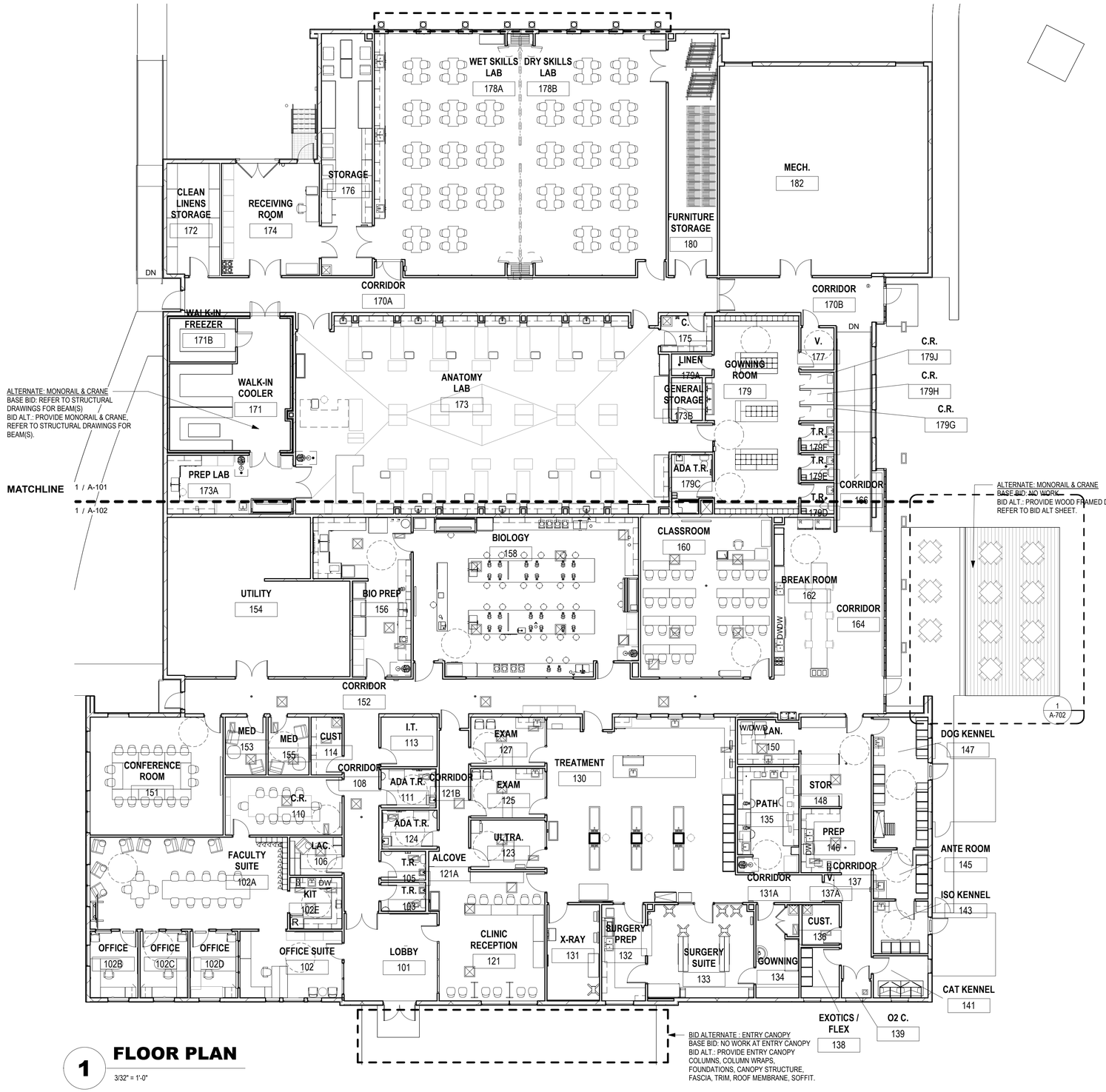
3/8" = 1'-0" 0 1' 2' 4'
1/2" = 1'-0" 0 6" 1' 2'
3/4" = 1'-0" 0 3" 6" 1' 2'
1" = 1'-0" 0 3" 6" 1' 2'
1 1/2" = 1'-0" 0 3" 6" 1'
3" = 1'-0" 0 1" 2" 3" 6" 1'
6" = 1'-0" 0 1" 2" 3" 6"



1 FLOOR PLAN

3/32" = 1'-0"

ROOM SCHEDULE

Number	Name	Level	Area	Department
101	LOBBY	LOWER LEVEL	294 SF	
102	OFFICE SUITE	LOWER LEVEL	246 SF	ADMIN
102A	FACULTY SUITE	LOWER LEVEL	658 SF	ADMIN
102B	OFFICE	LOWER LEVEL	115 SF	ADMIN
102C	OFFICE	LOWER LEVEL	115 SF	ADMIN
102D	OFFICE	LOWER LEVEL	115 SF	ADMIN
102E	KIT	LOWER LEVEL	98 SF	ADMIN
103	T.R.	LOWER LEVEL	46 SF	RESTROOM
105	T.R.	LOWER LEVEL	47 SF	RESTROOM
106	LAC.	LOWER LEVEL	72 SF	STUDENT SUPPORT
108	CORRIDOR	LOWER LEVEL	248 SF	
110	C.R.	LOWER LEVEL	245 SF	ADMIN
111	ADA T.R.	LOWER LEVEL	78 SF	RESTROOM
113	I.T.	LOWER LEVEL	101 SF	STORAGE
114	CUST	LOWER LEVEL	65 SF	STORAGE
121	CLINIC RECEPTION	LOWER LEVEL	494 SF	CLINIC
121A	ALCOVE	LOWER LEVEL	22 SF	
121B	CORRIDOR	LOWER LEVEL	151 SF	CLINIC
123	ULTRA.	LOWER LEVEL	133 SF	CLINIC
124	ADA T.R.	LOWER LEVEL	78 SF	RESTROOM
125	EXAM	LOWER LEVEL	133 SF	CLINIC
127	EXAM	LOWER LEVEL	132 SF	CLINIC
130	TREATMENT	LOWER LEVEL	1234 SF	CLINIC
131	X-RAY	LOWER LEVEL	181 SF	CLINIC
131A	CORRIDOR	LOWER LEVEL	87 SF	CLINIC
132	SURGERY PREP	LOWER LEVEL	153 SF	CLINIC
133	SURGERY SUITE	LOWER LEVEL	355 SF	CLINIC
134	GOWNING	LOWER LEVEL	127 SF	CLINIC
134A	CUST.	LOWER LEVEL	14 SF	
135	PATH	LOWER LEVEL	234 SF	CLINIC
136	CUST.	LOWER LEVEL	55 SF	CLINIC
137	CORRIDOR	LOWER LEVEL	186 SF	CLINIC
137A	V.	LOWER LEVEL	17 SF	CLINIC
138	EXOTICS / FLEX	LOWER LEVEL	70 SF	CLINIC
139	O2 C.	LOWER LEVEL	18 SF	CLINIC
141	CAT KENNEL	LOWER LEVEL	83 SF	CLINIC
143	ISO KENNEL	LOWER LEVEL	104 SF	CLINIC
145	ANTE ROOM	LOWER LEVEL	97 SF	CLINIC
146	PREP	LOWER LEVEL	94 SF	CLINIC
147	DOG KENNEL	LOWER LEVEL	259 SF	CLINIC
148	STOR	LOWER LEVEL	57 SF	CLINIC
150	LAN.	LOWER LEVEL	97 SF	CLINIC
151	CONFERENCE ROOM	LOWER LEVEL	567 SF	ADMIN
152	CORRIDOR	LOWER LEVEL	959 SF	
153	MED	LOWER LEVEL	85 SF	STUDENT SUPPORT
154	UTILITY	LOWER LEVEL	957 SF	SERVICE/UTILITY
155	MED	LOWER LEVEL	85 SF	STUDENT SUPPORT
156	BIO PREP	LOWER LEVEL	425 SF	LAB SUPPORT
158	BIOLOGY	LOWER LEVEL	1256 SF	LAB
160	CLASSROOM	LOWER LEVEL	759 SF	CLASSROOM
162	BREAK ROOM	LOWER LEVEL	337 SF	STUDENT SUPPORT
164	CORRIDOR	LOWER LEVEL	267 SF	
166	CORRIDOR	LOWER LEVEL	317 SF	
170A	CORRIDOR	UPPER LEVEL	743 SF	
170B	CORRIDOR	UPPER LEVEL	248 SF	
171	WALK-IN COOLER	UPPER LEVEL	464 SF	STORAGE
171B	WALK-IN FREEZER	UPPER LEVEL	104 SF	
172	CLEAN LINENS STORAGE	UPPER LEVEL	211 SF	STORAGE
173	ANATOMY LAB	UPPER LEVEL	2602 SF	LAB
173A	PREP LAB	UPPER LEVEL	271 SF	LAB SUPPORT
173B	GENERAL STORAGE	UPPER LEVEL	48 SF	LAB SUPPORT
173C	V.	UPPER LEVEL	46 SF	LAB
174	RECEIVING ROOM	UPPER LEVEL	397 SF	SERVICE/UTILITY
175	C.	UPPER LEVEL	67 SF	LAB SUPPORT
176	STORAGE	UPPER LEVEL	443 SF	STORAGE
177	V.	UPPER LEVEL	51 SF	LAB SUPPORT
178A	WET SKILLS LAB	UPPER LEVEL	1258 SF	LAB
178B	DRY SKILLS LAB	UPPER LEVEL	1256 SF	LAB
179	GOWNING ROOM	UPPER LEVEL	606 SF	LAB SUPPORT
179A	LINEN	UPPER LEVEL	32 SF	RESTROOM
179B	ALCOVE	UPPER LEVEL	14 SF	
179C	ADA T.R.	UPPER LEVEL	80 SF	RESTROOM
179D	T.R.	UPPER LEVEL	37 SF	RESTROOM
179E	T.R.	UPPER LEVEL	33 SF	RESTROOM
179F	T.R.	UPPER LEVEL	33 SF	RESTROOM
179G	C.R.	UPPER LEVEL	20 SF	LAB SUPPORT
179H	C.R.	UPPER LEVEL	21 SF	LAB SUPPORT
179J	C.R.	UPPER LEVEL	21 SF	LAB SUPPORT
180	FURNITURE STORAGE	UPPER LEVEL	429 SF	STORAGE
182	MECH.	UPPER LEVEL	1576 SF	SERVICE/UTILITY

CASEWORK SCHEDULE

PLAM CASEWORK: 102E, 106, 121, 125, 127, 130, 135, 138, 143, 145, 146, 147, 150, 162, & 178A

LABORATORY STEEL CASEWORK: 156 & 158

STAINLESS STEEL CASEWORK: 132, 133, 134, 173, & 173A

COUNTERTOP SCHEDULE

C

PLAM COUNTERTOP: 102E, 106, 121, 125, 127, 130, 135, 138, 143, 145, 146, 147, 150, 162, & 178A

LABORATORY SOLID PHENOLIC COUNTERTOP: 156 & 158

STAINLESS STEEL COUNTERTOP: 132, 133, 134, 173, & 173A

SPGB Architects
4333-A TULLER ROAD
DUBLIN, OHIO 43017
PHONE: (614) 771-8963

DESIGNED BY: JB
DRAWN BY: TD
CHECKED BY: JB

REVISIONS:	DATE:
ADDENDUM 02	04/01/2025
ADDENDUM 03	04/03/2025

VET TEACHING CENTER
4025 EAST LAGRANGE ROAD, JEFFERSON COUNTY, INDIANA
HANOVER COLLEGE

FLOOR PLAN - REFERENCE

SCALE: 3/32" = 1'-0"

A-100

JOB NO.: 23009
DATE: 03.07.2025

N
TYP. FOR ALL PLANS ON SHEET

1/16" = 1'-0" 0 4' 8' 16'
1/8" = 1'-0" 0 2' 4' 8'
3/16" = 1'-0" 0 2' 4' 8'
1/4" = 1'-0" 0 1' 2' 4'
3/8" = 1'-0" 0 1' 2' 4'
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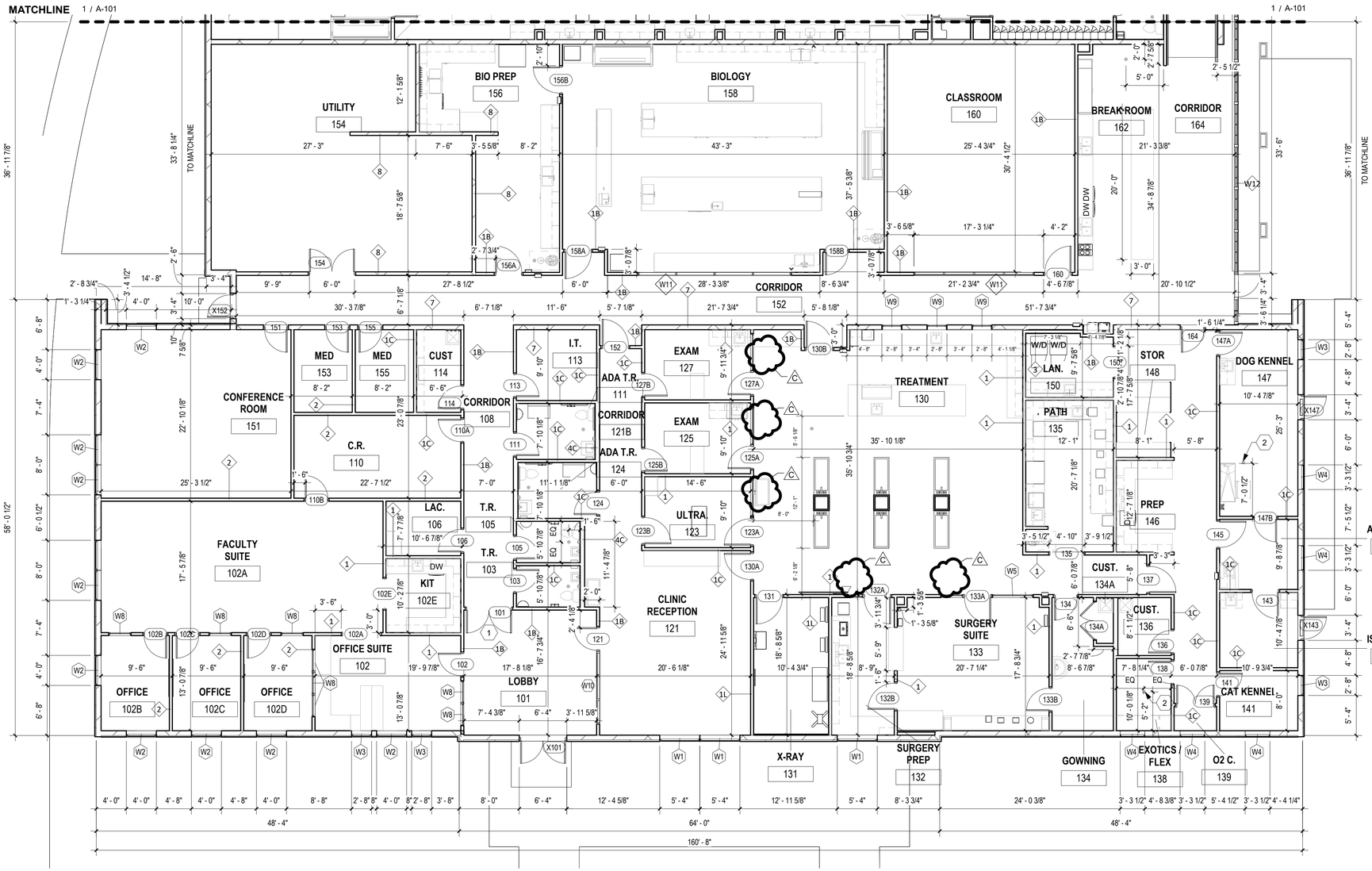

1 DIMENSION PLAN - SOUTH

1/8" = 1'-0"

N

GENERAL NOTES

A. REFER TO SHEET A-520 FOR INTERIOR PARTITION TYPES.

B. INTERIOR PARTITIONS ARE TYPE 1 UON.

C. REFER TO SPECIFICATIONS FOR MARKERBOARD, TACKBOARD AND PROJECTION SCREEN TYPES.

D. PROVIDE 48" HIGH CORNER GUARDS AT ALL EXTERIOR CORNERS OF INTERIOR PARTITION WALLS.

E. FIRE EXTINGUISHERS ARE TYPE FE-1 UON REFER TO SPECIFICATIONS FOR FIRE EXTINGUISHER TYPES. PAINT FIRE EXTINGUISHER CABINET, COLOR TBD BY A/E.

F. REFER TO SHEET A-610 FOR WINDOW ELEVATIONS.

G. REFER TO SHEET A-001 FOR FIXTURE MOUNTING HEIGHTS AND TYPES.

H. REFER TO SHEETS IN A-400 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.

I. ALL FLOOR DRAINS TO BE LOCALLY RECESSED UON.

CODED NOTES (X)

1	CENTER DOOR OR WINDOW ASSEMBLY IN WALL.
2	LOCALLY RECESSED FLOOR DRAIN.

SPGB Architects
4333-A TULLER ROAD
DUBLIN, OHIO 43017
PHONE: (614) 771-9963

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CHECKED BY:	JB

REVISIONS:	DATE:
ADDENDUM 02	04/01/2025
ADDENDUM 03	04/03/2025

VET TEACHING CENTER
4025 EAST LAGRANGE ROAD, JEFFERSON COUNTY, INDIANA
HANOVER COLLEGE

FLOOR DIMENSION PLAN - SOUTH

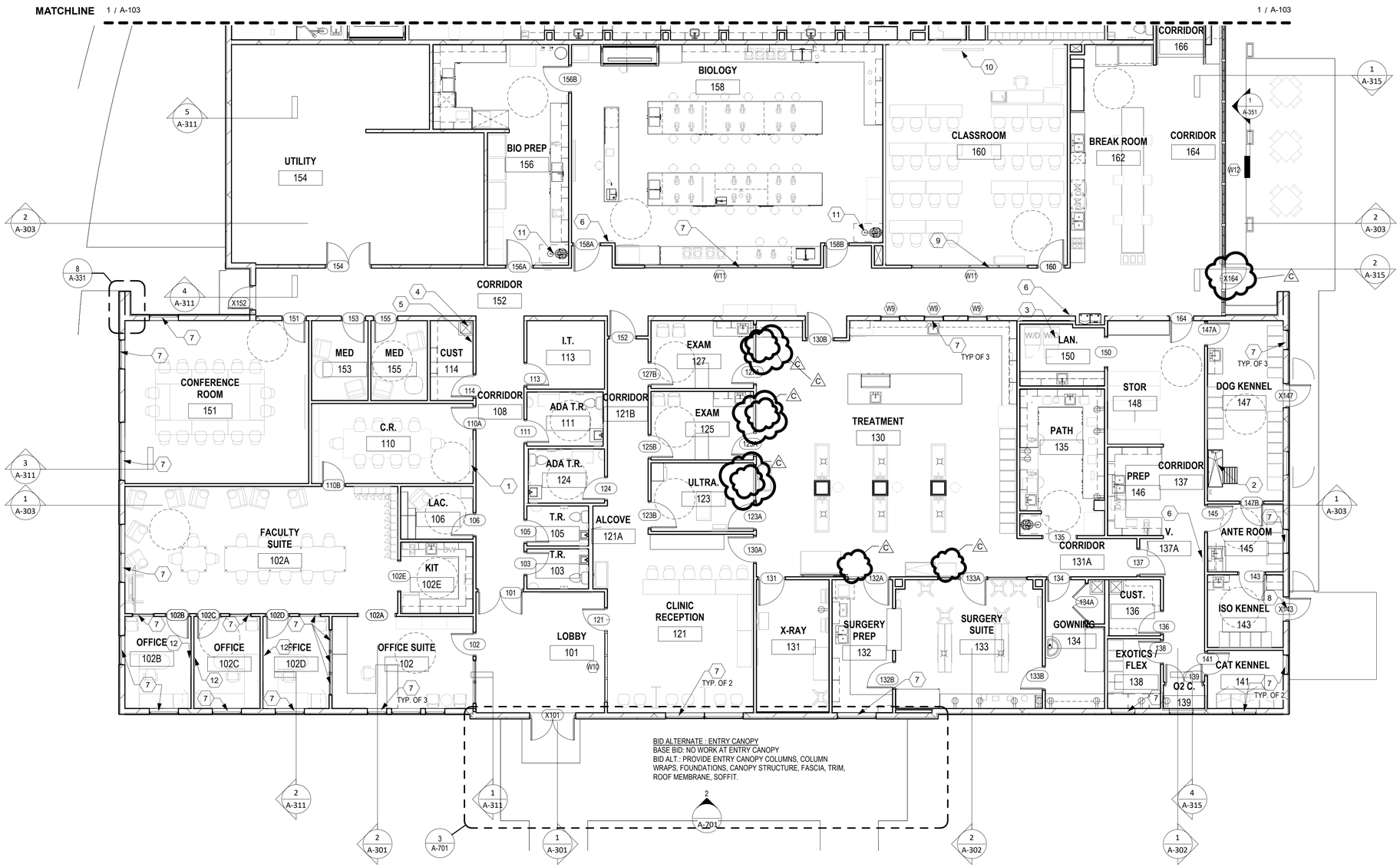
SCALE: 1/8" = 1'-0"

A-102

JOB NO.: 23009

DATE: 03.07.2025

1/16" = 1'-0" 0 4' 8' 16' | 1/8" = 1'-0" 0 2' 4' 8' | 3/16" = 1'-0" 0 2' 4' 8' | 1/4" = 1'-0" 0 1' 2' 4' | 3/8" = 1'-0" 0 1' 2' 4' | 1/2" = 1'-0" 0 6" 1' 2' | 3/4" = 1'-0" 0 3" 6" 1' 2' | 1" = 1'-0" 0 3" 6" 1' 2' | 1 1/2" = 1'-0" 0 3" 6" 1' | 3" = 1'-0" 0 1" 2" 3" 6" 1' | 6" = 1'-0" 0 1" 2" 3" 6"



1 FLOOR PLAN - SOUTH

1/8" = 1'-0"

N

GENERAL NOTES

A. REFER TO SHEET A-520 FOR INTERIOR PARTITION TYPES.

B. INTERIOR PARTITIONS ARE TYPE 1 UON.

C. REFER TO SPECIFICATIONS FOR MARKERBOARD, TACKBOARD AND PROJECTION SCREEN TYPES.

D. PROVIDE 48" HIGH CORNER GUARDS AT ALL EXTERIOR CORNERS OF INTERIOR PARTITION WALLS.

E. FIRE EXTINGUISHERS ARE TYPE FE-1 UON REFER TO SPECIFICATIONS FOR FIRE EXTINGUISHER TYPES. PAINT FIRE EXTINGUISHER CABINET, COLOR TBD BY A/E.

F. REFER TO SHEET A-610 FOR WINDOW ELEVATIONS.

G. REFER TO SHEET A-001 FOR FIXTURE MOUNTING HEIGHTS AND TYPES.

H. REFER TO SHEETS IN A-400 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.

I. ALL FLOOR DRAINS TO BE LOCALLY RECESSED UON.

CODED NOTES

1	PROVIDE 60" TV MONITOR, SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT.
2	PROVIDE DOG BATHING STATION CONNECTIONS, REFER TO PLUMBING DRAWINGS.
3	PROVIDE STACKABLE WASHER AND DRYER, REFER TO MECHANICAL DRAWINGS.
4	PROVIDE MOP SINK, REFER TO PLUMBING DRAWINGS.
5	PROVIDE MOP HOLDER.
6	PROVIDE FIRE EXTINGUISHER (FE-1) AND SEMI-RECESSED CABINET.
7	PROVIDE ROLLER SHADES, RS-1
8	PROVIDE ROLLER SHADE ON DOOR, RS-1
9	PROVIDE ROLLER SHADES, RS-3
10	PROVIDE MARKER BOARD, SEE ELEVATIONS FOR SIZE AND LOCATIONS.
11	PROVIDE SAFETY SHOWER, SEE SPECIFICATIONS.
12	PROVIDE MKBD. REFER TO ELEVATIONS FOR SIZE AND LOCATIONS.

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DUBLIN, OHIO 43017
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VET TEACHING CENTER
4025 EAST LAGRANGE ROAD, JEFFERSON COUNTY, INDIANA
HANOVER COLLEGE

FLOOR PLAN - SOUTH

SCALE: 1/8" = 1'-0"

A-104

JOB NO.: 23009

DATE: 03.07.2025

1/16" = 1'-0" 0 4" 8" 16'
1/8" = 1'-0" 0 2" 4" 8'
3/16" = 1'-0" 0 2" 4" 8"
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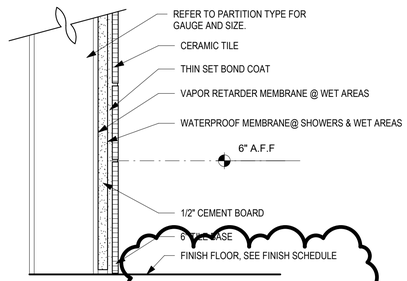
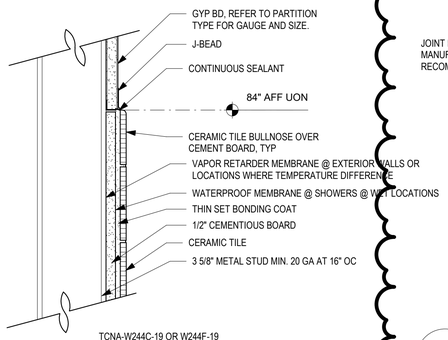
3" = 1'-0" 0 1" 2" 3" 6" 1'
6" = 1'-0" 0 1" 2" 3" 6"



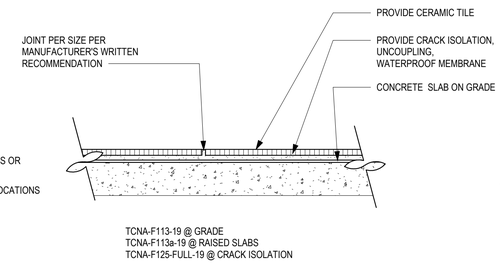
TYP. CERAMIC TILE BOTT. OF WALL

1 — 3" = 1'-0"



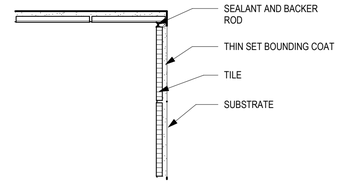
TYP. CERAMIC TILE TOP OF WALL- STUD

3 — 3" = 1'-0"



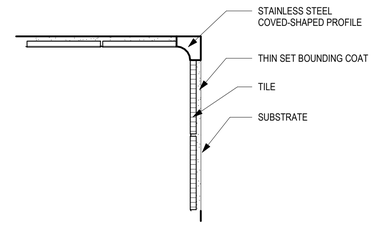
TYPICAL TILE FLOOR @ CONCRETE

7 — 3" = 1'-0"



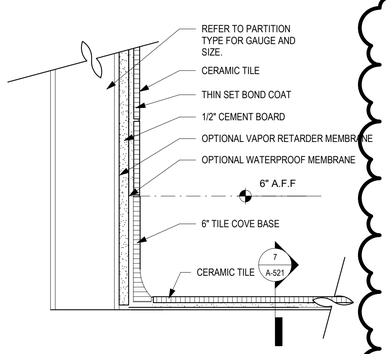
TYP. CERAMIC TILE INTERIOR CORNER -TILE

4 — 3" = 1'-0"



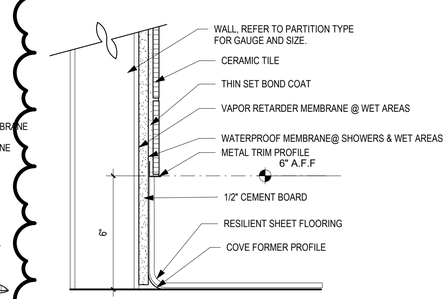
TYP. CERAMIC TILE INTERIOR CORNER -PROFILE

5 — 3" = 1'-0"



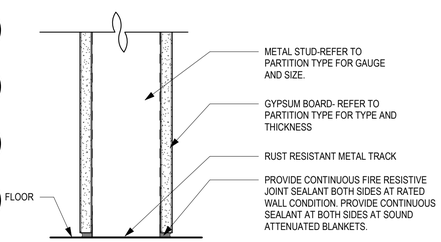
TYP. CERAMIC TILE BOTT. OF WALL @ TILE

2 — 3" = 1'-0"



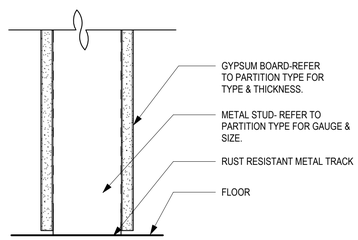
TYP. CERAMIC TILE BOTT. OF WALL @ RES

11 — 3" = 1'-0"



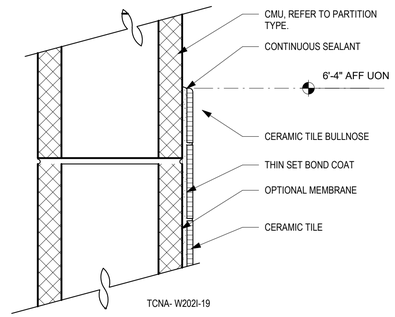
FLR DET @ RATED GYP BD PARTITION

8 — 3" = 1'-0"



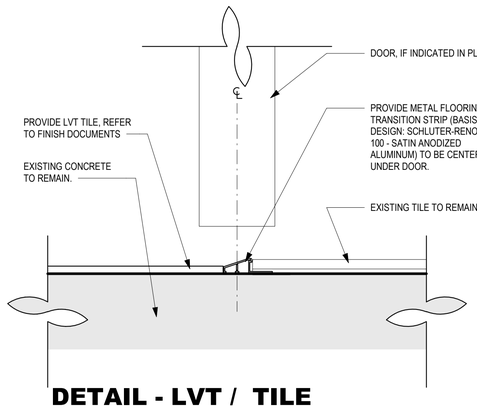
FLR DET @ GYP BD PARTITION

9 — 3" = 1'-0"



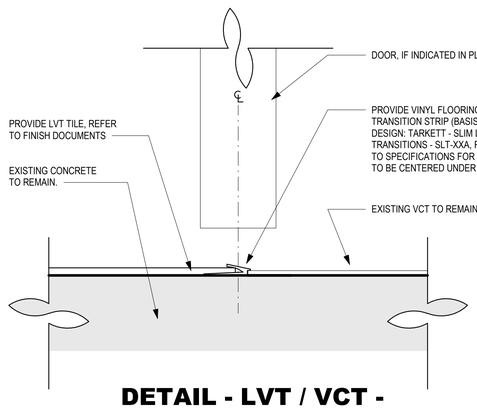
TYP. CERAMIC TILE TOP OF WALL CMU

6 — 3" = 1'-0"



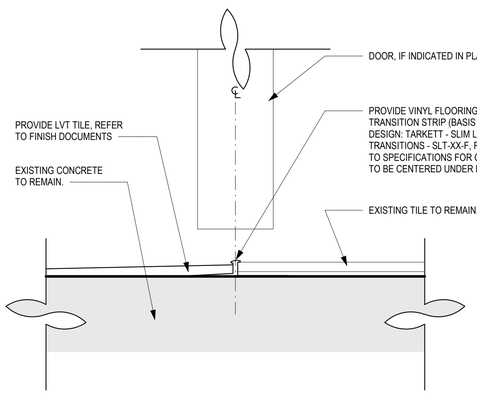
DETAIL - LVT / TILE TRANSITION

15 — 6" = 1'-0"



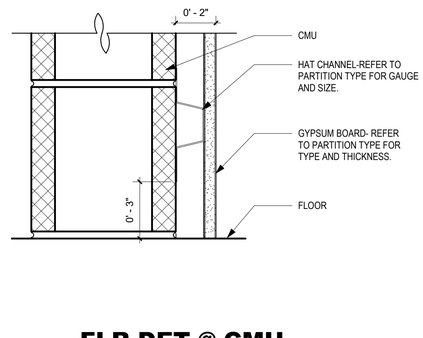
DETAIL - LVT / VCT - FLOOR TRANSITION

14 — 6" = 1'-0"



DETAIL - LVT / VCT - FLOOR TRANSITION

16 — 6" = 1'-0"



FLR DET @ CMU PARTITION

10 — 3" = 1'-0"

SPGB Architects
4333-A TULLER ROAD
DUBLIN, OHIO 43017
PHONE: (614) 771-9963

DESIGNED BY:	MF
DRAWN BY:	MF
CHECKED BY:	MF

REVISIONS:	DATE:
ADDENDUM 02	04/01/2025

VET TEACHING CENTER
4025 EAST LAGRANGE ROAD, JEFFERSON COUNTY, INDIANA
HANOVER COLLEGE

INTERIOR PARTITION DETAILS

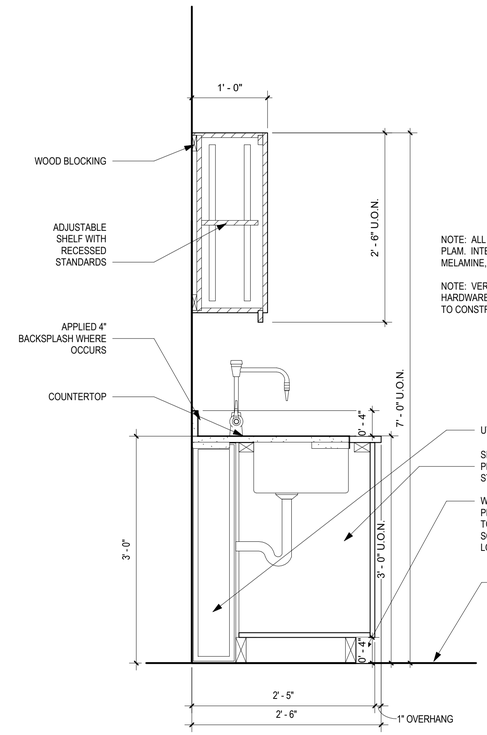
SCALE: As indicated

A-521

JOB NO.: 23009

DATE: 03.07.2025

1/16" = 1'-0" 0 4' 8' 16'
1/8" = 1'-0" 0 2' 4' 8'
3/16" = 1'-0" 0 2' 4' 8'
1/4" = 1'-0" 0 1' 2' 4'
3/8" = 1'-0" 0 1' 2' 4'
1/2" = 1'-0" 0 6" 1' 2'
3/4" = 1'-0" 0 3" 6" 1' 2'
1" = 1'-0" 0 3" 6" 1' 2'
1 1/2" = 1'-0" 0 3" 6" 1'
3" = 1'-0" 0 1" 2" 3" 6" 1'
6" = 1'-0" 0 1" 2" 3" 6"

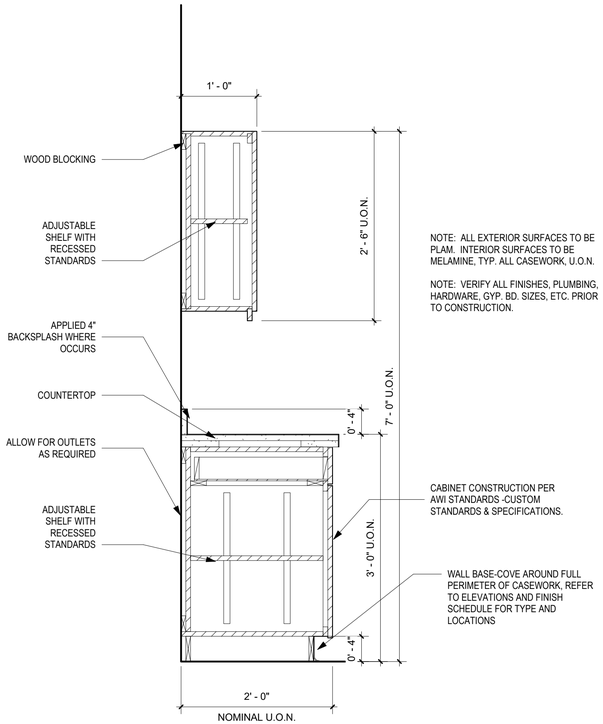


NOTE: ALL EXTERIOR SURFACES TO BE PLAM. INTERIOR SURFACES TO BE MELAMINE, TYP. ALL CASEWORK, U.O.N.

NOTE: VERIFY ALL FINISHES, PLUMBING, HARDWARE, GYP. BD. SIZES, ETC. PRIOR TO CONSTRUCTION.

TYP PLAM SECTION @ SINK BASE

1 — 1" = 1'-0"

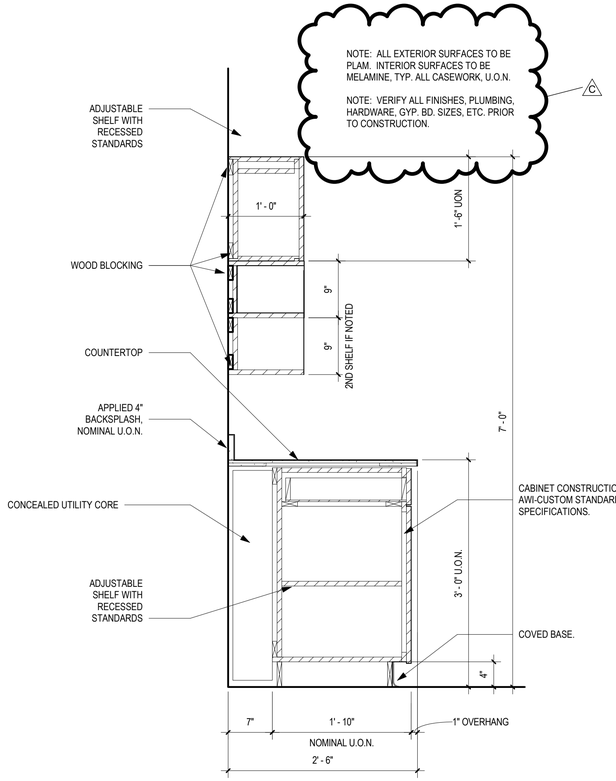


NOTE: ALL EXTERIOR SURFACES TO BE PLAM. INTERIOR SURFACES TO BE MELAMINE, TYP. ALL CASEWORK, U.O.N.

NOTE: VERIFY ALL FINISHES, PLUMBING, HARDWARE, GYP. BD. SIZES, ETC. PRIOR TO CONSTRUCTION.

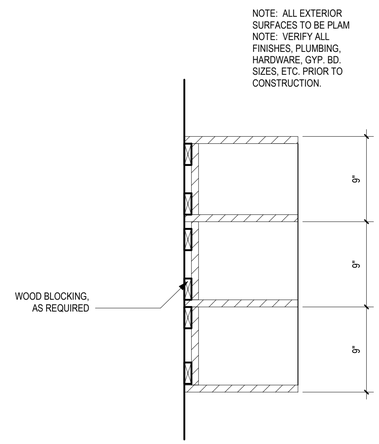
TYP PLAM CASEWORK SECTION DETAIL

2 — 1" = 1'-0"



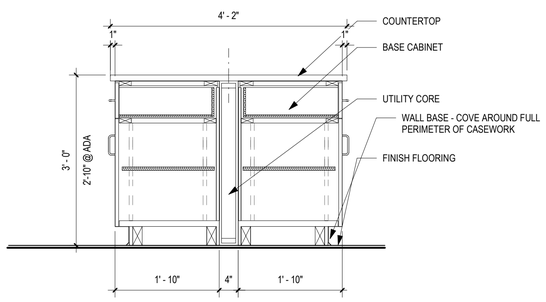
TYP PLAM CASEWORK / OPEN SHELVING DETAIL

3 — 1" = 1'-0"



TYP OPEN SHELVING DETAIL

4 — 1 1/2" = 1'-0"



TYP SECTION @ PLAM ISLAND BENCH

3/4" = 1'-0"

SPGB Architects
4333-A TULLER ROAD
DUBLIN, OHIO 43017
PHONE: (614) 771-4963

DESIGNED BY:	JB
DRAWN BY:	CW
CHECKED BY:	JB

REVISIONS:	DATE:
ADDENDUM 02	04/01/2025
ADDENDUM 03	04/03/2025

VET TEACHING CENTER
4025 EAST LAGRANGE ROAD, JEFFERSON COUNTY, INDIANA
HANOVER COLLEGE

PLAM CASEWORK DETAILS

SCALE: As indicated

A-540

JOB NO.: 23009

DATE: 03.07.2025

1/16" = 1'-0" 0 4' 8' 16'
1/8" = 1'-0" 0 2' 4' 8'
3/16" = 1'-0" 0 2' 4' 8'
1/4" = 1'-0" 0 1' 2' 4'
3/8" = 1'-0" 0 1' 2' 4'
1/2" = 1'-0" 0 6" 1' 2'
3/4" = 1'-0" 0 3" 6" 1' 2'
1" = 1'-0" 0 3" 6" 1' 2'
1 1/2" = 1'-0" 0 3" 6" 1'
3" = 1'-0" 0 1" 2" 3" 6" 1'
6" = 1'-0" 0 1" 2" 3" 6"

DOOR SCHEDULE

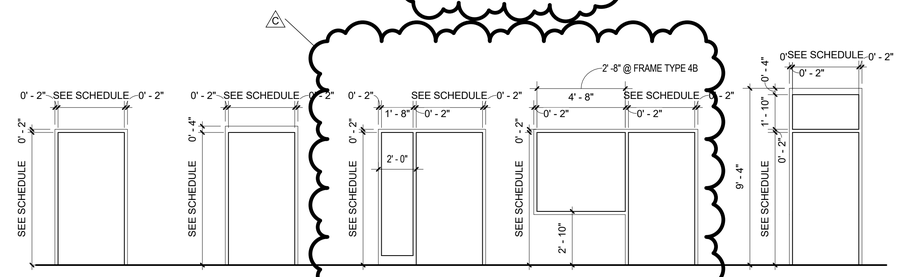
DOOR NO.	DOOR DIMENSIONS W	DOOR DIMENSIONS H	DOOR T	DOOR TYPE	DOOR MATERIAL	DOOR GLAZING	FRAME MATERIAL	FRAME TYPE	FRAME GLAZING	DETAIL HEAD	DETAIL JAMB	DETAIL SILL	HARDWARE	LABEL	DOOR REMARKS
LOWER LEVEL															
101	6' - 0"	7' - 0"	1 3/4"	HG	WD	-	HM	1	-	1/A-602	2/A-602				17
102	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
102A	5' - 0"	7' - 0"	1 3/4"	-	-	-	HM	1	-						8
102B	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	-	1/A-602	2/A-602				13
102C	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	-	1/A-602	2/A-602				13
102D	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	-	1/A-602	2/A-602				13
102E	4' - 0"	7' - 0"	1 3/4"	-	-	-	HM	-	-						8
103	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				13
105	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				13
106	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				13
110A	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
110B	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
111	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				13
113	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				12
114	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				12
121	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	GL-1T	1/A-602	2/A-602				12
123A	3' - 6"	7' - 0"	1 3/4"	HGM	WD	GL-4	HM	4	GL-4	1/A-602	2/A-602				12
123B	3' - 6"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				12
124	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				13
125A	3' - 0"	7' - 0"	1 3/4"	HGM	WD	GL-4	HM	4	GL-4	1/A-602	2/A-602				12
125B	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				12
127A	3' - 0"	7' - 0"	1 3/4"	HGM	WD	GL-4	HM	4	GL-4	1/A-602	2/A-602				12
127B	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				12
130A	3' - 6"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	GL-1T	1/A-602	2/A-602				12
130B	3' - 6"	7' - 0"	1 3/4"	NL	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12, 17, 18
131	3' - 6"	7' - 0"	1 3/4"	FL	WD	-	HM	-	-	1/A-602	3/A-602				3, 12
132A	3' - 6"	7' - 0"	1 3/4"	NL	WD	GL-1T	HM	3	GL-1T	1/A-602	2/A-602				12
132B	3' - 6"	7' - 0"	1 3/4"	NL	WD	GL-1T	HM	4A	-	1/A-602	2/A-602				12
133A	3' - 6"	7' - 0"	1 3/4"	NL	WD	GL-1T	HM	4B	GL-1T	1/A-602	2/A-602				12
133B	3' - 0"	7' - 0"	1 3/4"	WL	WD	GL-1T	HM	1	-	1/A-602	2/A-602				14
134	3' - 0"	7' - 0"	1 3/4"	WL	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
134A	5' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				12
135	4' - 6"	7' - 0"	1 3/4"	-	-	-	HM	1	-						8
136	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				12
137	3' - 6"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12, 17, 18
138	3' - 0"	7' - 0"	1 3/4"	WL	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
139	5' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				12
141	3' - 0"	7' - 0"	1 3/4"	WL	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
143	3' - 6"	7' - 0"	1 3/4"	WL	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
145	3' - 6"	7' - 0"	1 3/4"	WL	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
147A	3' - 0"	7' - 0"	1 3/4"	WL	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
147B	3' - 0"	7' - 0"	1 3/4"	WL	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
150	4' - 0"	7' - 0"	1 3/4"	-	-	-	HM	1	-						8
151	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	2	-	5/A-602	6/A-602				12
152	3' - 6"	7' - 0"	1 3/4"	NL	WD	GL-1T	HM	1	-	1/A-602	2/A-602				17, 18
153	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	2	-	5/A-602	6/A-602				13
154	6' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	2	-	5/A-602	6/A-602			60 MIN	12, 19
155	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	2	-	5/A-602	6/A-602				13
156A	3' - 6"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				12, 17
156B	3' - 6"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12
158A	3' - 6"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12, 17
158B	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	1	-	1/A-602	2/A-602				12, 17
160	3' - 6"	7' - 0"	1 3/4"	FL	WD	-	HM	1	-	1/A-602	2/A-602				12
164	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1T	HM	2	-	5/A-602	6/A-602				12, 17
X101	6' - 0"	7' - 0"	1 3/4"	3P	HM	GL-3T	HM	5	-	7/A-602	8/A-602	9/A-602			1, 17, 21
X143	3' - 0"	7' - 0"	1 3/4"	HG	HM	GL-3T	HM	2	-	10/A-602	11/A-602	12/A-602			17
X147	3' - 0"	7' - 0"	1 3/4"	HG	HM	GL-3T	HM	2	-	10/A-602	11/A-602	12/A-602			17
X152	3' - 0"	7' - 0"	1 3/4"	HG	HM	GL-3T	HM	2	-	10/A-602	11/A-602	12/A-602			17
X164	3' - 0"	7' - 11"		GC	ALUM	GL-3T	ALUM		-			15/A-602			5, 17

DOOR SCHEDULE

DOOR NO.	DOOR DIMENSIONS W	DOOR DIMENSIONS H	DOOR T	DOOR TYPE	DOOR MATERIAL	DOOR GLAZING	FRAME MATERIAL	FRAME TYPE	FRAME GLAZING	DETAIL HEAD	DETAIL JAMB	DETAIL SILL	HARDWARE	LABEL	DOOR REMARKS
UPPER LEVEL															
170	6' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602			60 MIN	15, 17, 18, 21
171A	5' -18"	12' -20"	4"	ECCM	STL	-				-	-	-			4, 23
171B	2' - 10"	8' - 0"	4"	ECC	STL	-				-	-	-			23
171C	5' -18"	12' -20"	4"	ECCM	STL	-				-	-	-			4, 23
172	3' - 6"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602				12
173A	6' - 0"	12' - 0"	1 3/4"	FLM	HM	-	HM	2		5/A-602	6/A-602				12, 17, 18
173B	2' - 6"	7' - 0"	1 3/4"	FL	HM	-	HM	2		5/A-602	6/A-602				12
173C	6' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	2		5/A-602	6/A-602				15, 17, 18
173D	3' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	2		5/A-602	6/A-602				15, 17
174	6' - 0"	12' - 0"	1 3/4"	FLM	HM	-	HM	1		1/A-602	2/A-602				12, 17, 18
175A	3' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	2		5/A-602	6/A-602				22
175B	3' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	2		5/A-602	6/A-602				22
176A	6' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	2		5/A-602	6/A-602				22
176B	6' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602				12
177A	3' - 0"	7' - 0"	1 3/4"	FL	WD	-	HM	1		1/A-602	2/A-602				12, 15, 17
177B	2' - 10"	7' - 0"	1 3/4"	TC	PL	-		-		4/A-602					7
178A	4' - 9"	7' - 0"	1 3/4"	FL/FL	WD	-	HM	1		1/A-602	2/A-602				9, 12, 15, 17, 18
178B	3' - 6"	7' - 0"	1 3/4"	NL	WD	GL-1T	HM	1		1/A-602	2/A-602				12, 15, 17, 18
179	3' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602				12,
179A	2' - 6"	7' - 0"	1 3/4"	DD	WD	-	HM	1		1/A-602	2/A-602				12, 24
179C	3' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602				13
179D	2' - 6"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602				13
179E	2' - 6"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602				13
179F	2' - 6"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602				13
180A	6' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602				12
180B	6' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602				12
182	6' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	1		1/A-602	2/A-602			60 MIN	12,19
X170A	3' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	2		10/A-602	11/A-602	12/A-602			17, 19
X170B	3' - 0"	7' - 0"		GC	ALUM		ALUM					15/A-602			5, 17
X174A	5' - 0"	12' - 0"	1 3/4"	FLM	HM	-	HM	2		10/A-602	11/A-602	12/A-602			6, 18, 20
X174B	3' - 0"	7' - 0"	1 3/4"	FL	HM	-	HM	2		10/A-602	11/A-602	12/A-602			17, 21

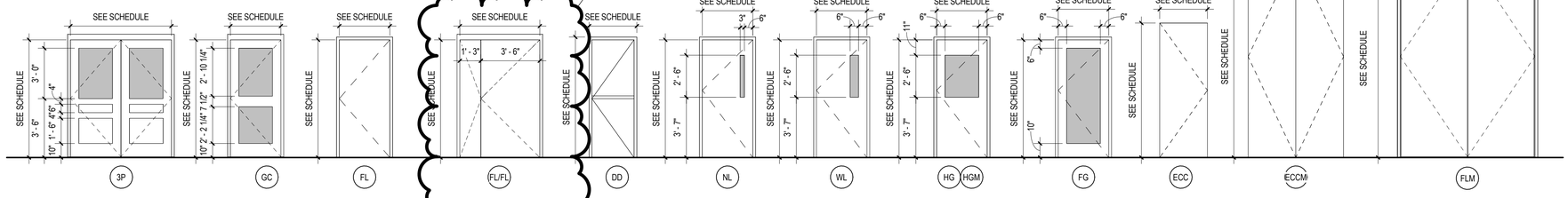
REMARKS:

1. AUTOMATIC DOOR OPERATOR AT ENTRANCE
2.
3. LEAD LINED DOOR AND FRAME [13 49 00]
4. DOOR LEAF(S) TO ACCOMMODATE MONORAIL
5. ALUM GLASS CURTAIN WALL DOOR
6. DOCK BUMPERS
7. PLASTIC TOILET/CHANGING ROOM DOOR
8. HOLLOW METAL FRAMED OPENING
9. INACTIVE DOOR LEAF
10. 1-WAY MIRROR OBSERVATION SIDE LITE (GL-4)
11.
12. LATCHSET - CLASSROOM FUNCTION
13. LATCHSET - PRIVACY FUNCTION
14. LATCHSET - PASSAGE FUNCTION
15. PANIC DEVICE
16.
17. OVERHEAD DOOR CLOSER
18. HOLD OPEN DEVICE, MANUAL
19. PERIMETER SOUND SEALS
20. REMOVABLE ASTRAGAL
21. ACCESS CONTROL HARDWARE (CARD READER)
22. LATCHSET - KEY ENTRY (2 SIDE SECURITY)
23. ECC - INSULATED ENVIRONMENTAL COLD CHAMBER DOOR, FRAME & HARDWARE
24. DUTCH DOOR



1 DOOR FRAME TYPES

1/4" = 1'-0"



2 DOOR TYPES

1/4" = 1'-0"

SPGB Architects
4333-A TULLER ROAD
DUBLIN, OHIO 43017
PHONE: (614) 771-4963

REVISIONS:	DATE:
ADDENDUM 02	04/01/2025
ADDENDUM 03	04/03/2025

VET TEACHING CENTER
4025 EAST LAGRANGE ROAD, JEFFERSON COUNTY, INDIANA
HANOVER COLLEGE

DESIGNED BY:	JB
DRAWN BY:	TD
CHECKED BY:	JB

DOOR & FRAME SCHEDULE & TYPES

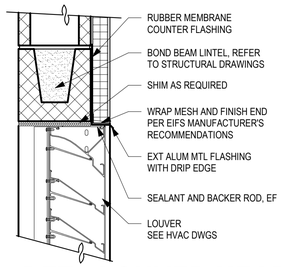
SCALE: 1/4" = 1'-0"

A-601

JOB NO.: 23009

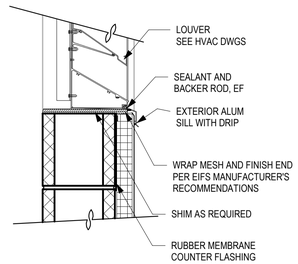
DATE: 03.07.2025

1/16" = 1'-0" 0 4' 8' 16'
1/8" = 1'-0" 0 2' 4' 8'
3/16" = 1'-0" 0 2' 4' 8'
1/4" = 1'-0" 0 1' 2' 4'
3/8" = 1'-0" 0 1' 2' 4'
1/2" = 1'-0" 0 6" 1' 2'
3/4" = 1'-0" 0 3" 6" 1' 2'
1" = 1'-0" 0 3" 6" 1' 2'
1 1/2" = 1'-0" 0 3" 6" 1'
3" = 1'-0" 0 1" 2" 3" 6" 1'
6" = 1'-0" 0 1" 2" 3" 6"



1 DET - LOUVER HEAD EIFS

1 1/2" = 1'-0"



2 DET - LOUVER SILL EIFS

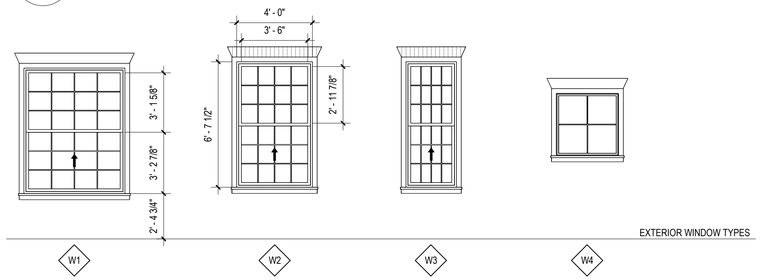
1 1/2" = 1'-0"

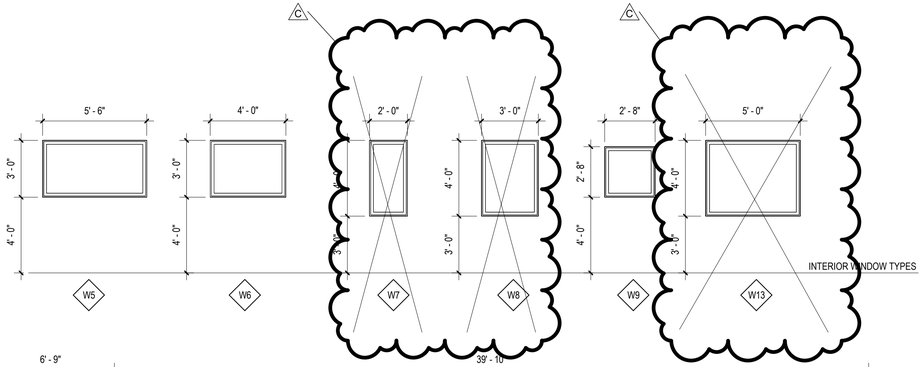
WINDOW SCHEDULE

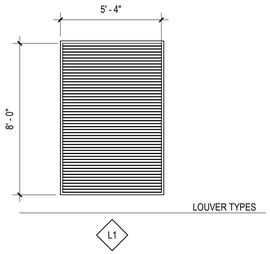
WINDOW TYPE	OPERATION	DIMENSIONS WIDTH	DIMENSIONS HEIGHT	MATERIAL	INTERIOR FINISH	GLAZING	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	REMARKS
W1	FIXED	5'-4"	6'-8"	ALUMINUM	ALUM.	GL-2	1/A-615	3/A-615	5/A-615	1, 2
W2	SINGLE HUNG	4'-0"	6'-8"	ALUMINUM	ALUM.	GL-2	1/A-615	3/A-615	5/A-615	1, 3
W3	FIXED	2'-8"	6'-8"	ALUMINUM	ALUM.	GL-2	1/A-615	3/A-615	5/A-615	1, 4
W4	FIXED	2'-8"	2'-8"	ALUMINUM	ALUM.	GL-2	1/A-615	3/A-615	5/A-615	1, 5
W5	FIXED	5'-6"	3'-0"	ALUMINUM	ALUM.	GL-1	2/A-615	4/A-615	6/A-615	
W6	FIXED	4'-0"	3'-0"	ALUMINUM	ALUM.	GL-1	2/A-615	4/A-615	6/A-615	
W7	FIXED	2'-0"	4'-0"	ALUMINUM	ALUM.	GL-1	2/A-615	4/A-615	6/A-615	
W8	FIXED	3'-0"	4'-0"	ALUMINUM	ALUM.	GL-1	2/A-615	4/A-615	6/A-615	
W9	FIXED	2'-8"	2'-8"	ALUMINUM	ALUM.	GL-1	2/A-615	4/A-615	6/A-615	1
W10	FIXED	8'-9"	7'-8"	ALUMINUM STOREFRONT	ALUM.	GL-3	7/A-615	7/A-615	11/A-615	
W11	FIXED	10'-1"	7'-8"	ALUMINUM STOREFRONT	ALUM.	GL-3	7/A-615	7/A-615	11/A-615	
W12	FIXED	5'-6"	7'-8"	ALUMINUM STOREFRONT	ALUM.	GL-3	7/A-615	7/A-615	11/A-615	
W13	FIXED	5'-0"	4'-0"	ALUMINUM	ALUM.	GL-3	2/A-615	4/A-615	6/A-615	
W14	FIXED	5'-11/2"	8'-4"	ALUMINUM STOREFRONT	ALUM.	GL-3	7/A-615	7/A-615	11/A-615	
L1	LOUVER	5'-4"	8'-0"	ALUMINUM	ALUM.	GL-3	1/A-610	1/A-610 (sim)	2/A-610	

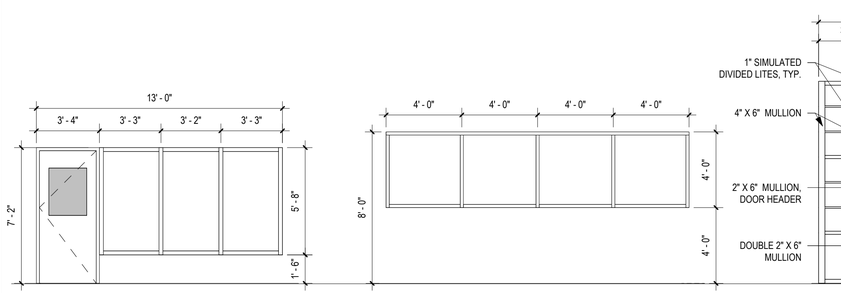
GENERAL NOTE:
A. CONTRACTOR TO FIELD VERIFY ALL WINDOW OPENING DIMENSIONS.
B. REFER TO SPECIFICATIONS FOR GLAZING TYPES.
C. EXTERIOR WINDOWS TO FIT MASONRY DIMENSIONED OPENINGS.
D. ALL ALUMINUM FRAMES TO HAVE WHITE FINISH COLOR.

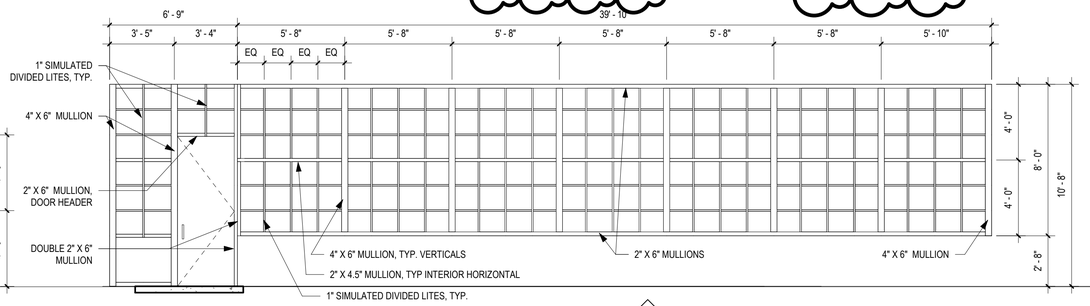
REMARKS:
1. DIMENSION PROVIDED IS FOR ROUGH OPENING IN MASONRY WALL.
2. PROVIDE 3X5 DIVIDED LIGHT PER SASH.
3. PROVIDE 3X4 DIVIDED LIGHT PER SASH.
4. PROVIDE 3X3 DIVIDED LIGHT PER SASH.
5. PROVIDE 2X2 DIVIDED LIGHT.

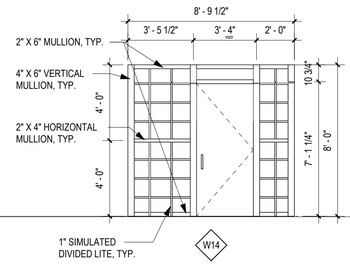












WINDOW TYPES

1/4" = 1'-0"

SPGB Architects
4333-A TULLER ROAD
DUBLIN, OHIO 43017
PHONE: (614) 771-4963

DESIGNED BY:	MF
DRAWN BY:	MF/HW
CHECKED BY:	MF

REVISIONS:	DATE:
ADDENDUM 02	04/01/2025
ADDENDUM 03	04/03/2025

VET TEACHING CENTER
4025 EAST LAGRANGE ROAD, JEFFERSON COUNTY, INDIANA
HANOVER COLLEGE

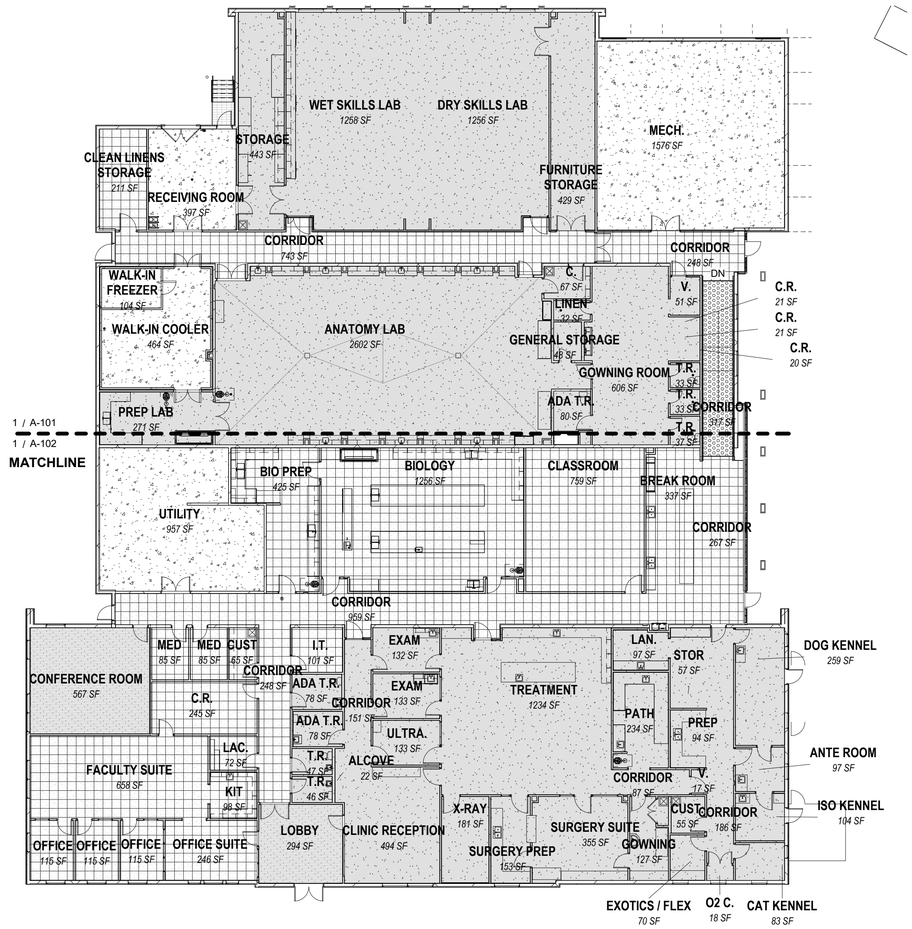
WINDOW SCHEDULE

SCALE: As indicated

A-610

JOB NO.: 23009

DATE: 03.07.2025



1 FLOOR PLAN - FINISHES

1/16" = 1'-0"

N

FINISH SCHEDULE

ROOM NO.	ROOM DESCRIPTION	FLOOR BASE	FLOOR MATERIAL	WALL FINISH NORTH	WALL FINISH EAST	WALL FINISH SOUTH	WALL FINISH WEST	CEILING MATERIAL	CEILING FINISH	REMARKS	BID ALTERNATE
LOWER LEVEL											
101	LOBBY	LRB	LVT	P-1	P-1	P-1	P-1	ACT-1/GBW	-/PNT-F		
102	OFFICE SUITE	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
102A	FACULTY SUITE	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
102B	OFFICE	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
102C	OFFICE	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
102D	OFFICE	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
102E	KIT	RCB-A	VCT	CT/P-1	P-1	P-1	P-1	ACT-1	-	3	
103	T.R.	RCB-B	RSF	P-1	CT/P-1	CT/P-1	P-1	ACT-1	-		
105	T.R.	RCB-B	RSF	P-1	CT/P-1	P-1	P-1	ACT-1	-		
106	LAC.	RCB-A	VCT	P-1	CT/P-1	P-1	P-1	ACT-1	-	3	
108	CORRIDOR	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
110	C.R.	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
111	ADA T.R.	RCB-B	RSF	CT/P-1	CT/P-1	P-1	P-1	ACT-1	-		
113	I.T.	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
114	CUST	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
121	CLINIC RECEPTION	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-	2	
121A	ALCOVE	RCB-B	RSF	P-1	P-1	P-1	P-1	GWB	PNT-F		
121B	CORRIDOR	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
123	ULTRA.	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-	2	
124	ADA T.R.	RCB-B	RSF	CT/P-1	P-1	P-1	CT/P-1	ACT-1	-		
125	EXAM	RCB-B	RSF	CT/P-1	P-1	P-1	P-1	ACT-1	-	2,3	
127	EXAM	RCB-B	RSF	CT/P-1	P-1	P-1	P-1	ACT-1	-	2,3	
130	TREATMENT	RCB-B	RSF	CT/P-1	CT/P-1	P-1	P-1	ACT-1	-	2,3	
131	X-RAY	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
131A	CORRIDOR	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
132	SURGERY PREP	RCB-B	RSF	P-1	CT/P-1	P-1	P-1	ACT-2	-	2,3	
133	SURGERY SUITE	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-2	-	2	
134	GOWNING	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-2	-		
134A	CUST.	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
135	PATH	RCB-B	RSF	CT/P-1	CT/P-1	CT/P-1	CT/P-1	ACT-1	-	3,4	
136	CUST.	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
137	CORRIDOR	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
137A	V.	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
138	EXOTICS / FLEX	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-2	-	2	
139	O2 C.	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
141	CAT KENNEL	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-2	-	2	
143	ISO KENNEL	RCB-B	RSF	CT/P-1	P-1	P-1	P-1	ACT-2	-	2,3	
145	ANTE ROOM	RCB-B	RSF	P-1	CT/P-1	P-1	P-1	ACT-2	-	2,3	
146	PREP	RCB-B	RSF	CT/P-1	CT/P-1	CT/P-1	P-1	ACT-1	-	3	
147	DOG KENNEL	RCB-B	RSF	P-1	P-1	P-1	CT/P-1	ACT-2	-	2, 3	
148	STOR	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
150	LAN.	RCB-B	RSF	CT/P-1	P-1	P-1	P-1	ACT-1	-	3	
151	CONFERENCE ROOM	LRB	LVT	P-1	P-1	P-1	P-1	ACT-1	-		
152	CORRIDOR	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1/GBW	-/PNT-F		
153	MED	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
154	UTILITY	-	CONC	P-1	P-1	P-1	P-1	EXPOSED	-		
155	MED	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
156	BIO PREP	RCB-A	VCT	CT/P-1	CT/P-1	CT/P-1	CT/P-1	ACT-1	-	3, 4	
158	BIOLOGY	RCB-A	VCT	CT/P-1	CT/P-1	CT/P-1	P-1	ACT-1	-	3, 4	
160	CLASSROOM	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
162	BREAK ROOM	RCB-A	VCT	P-1	P-1	CT-1/P-1	CT/P-1	ACT-1/GYB	-/PNT-F	3	
164	CORRIDOR	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
166	CORRIDOR	RCB-A	RRD	P-1	P-1	P-1	P-1	ACT-1	-		
UPPER LEVEL											
170A	CORRIDOR	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1/GYB	-		
170B	CORRIDOR	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
171	WALK-IN COOLER	-	CONC	P-1	P-1	P-1	P-1	MTL	-		
171B	WALK-IN FREEZER	-	CONC	P-1	P-1	P-1	P-1	MTL	-		
172	CLEAN LINENS STORAGE	RCB-A	VCT	P-1	P-1	P-1	P-1	ACT-1	-		
173	ANATOMY LAB	RCB-B	RSF	CT/P-1	P-1	CT/P-1	CT/P-1	GWB	PNT-F	3, 4	
173A	PREP LAB	RCB-B	RSF	CT/P-1	P-1	CT/P-1	CT/P-1	ACT-2	-	3, 4	
173B	GENERAL STORAGE	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
173C	V.	RCB-B	RSF	P-1	P-1	P-1	P-1	GWB	PNT-F		
174	RECEIVING ROOM	-	CONC	P-1	P-1	P-1	P-1	EXPOSED	-		
175	C.	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
176	STORAGE	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-	2	
177	V.	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
178A	WET SKILLS LAB	RCB-B	RSF	P-1	P-1	P-1	CT/P-1	ACT-1	-	2, 3	
178B	DRY SKILLS LAB	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
179	GOWNING ROOM	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
179A	LINEN	RCB-B	RSF	P-1	P-1	P-1	P-1	GWB	PNT-F		
179B	ALCOVE	RCB-B	RSF	P-1	P-1	P-1	P-1	GWB	PNT-F		
179C	ADA T.R.	RCB-B/ CT/ RCB-B	RSF	CT/P-1	CT/P-1	CT/P-1	CT/P-1R-1	GWB	PNT-F		
179D	T.R.	RCB-B	RSF	P-1	CT/P-1	CT/P-1	P-1	ACT-1	-		
179E	T.R.	RCB-B	RSF	P-1	CT/P-1	CT/P-1	P-1	ACT-1	-		
179F	T.R.	RCB-B	RSF	P-1	CT/P-1	CT/P-1	P-1	ACT-1	-		
179G	C.R.	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
179H	C.R.	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
179J	C.R.	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
180	FURNITURE STORAGE	RCB-B	RSF	P-1	P-1	P-1	P-1	ACT-1	-		
182	MECH.	-	CONC	P-1	P-1	P-1	P-1	EXPOSED	-		

INTERIOR FINISH ABBREVIATIONS

FLOORING

CONC	SEAL CONCRETE
CT-2	CERAMIC TILE
LVT	LUXURY VINYL TILE
MTL	METAL FLOOR PANEL – SEE ECC SPEC
RRD	RAISED RUBBER DISC
RSF	RESILIENT SHEET FLOORING – WELDED SEAMS
VCT	VINYL COMPOSITION TILE

WALL BASE

CT-1A	CERAMIC TILE – STRAIGHT
CT-1B	CERAMIC TILE – COVED
LRB	LUXURY RESILIENT BASE
RCB-A	RESILIENT COVE BASE – 4-INCH APPLIED
RCB-B	RESILIENT COVE BASE – INTEGRAL WITH RSF, 6" AFF

WALL FINISH

CT-1	CERAMIC TILE
EPOXY	EPOXY COATING
GWB	GYPSUM WALL BOARD
MTL	METAL WALL PANELS – SEE ECC SPEC
PNT-F	PAINT – FLAT SHEEN
PNT-E	PAINT – EGGSHELL / SATIN SHEEN
PNT-SG	PAINT – SEMI-GLOSS SHEEN
PNT-HG	PAINT – HIGH-GLOSS SHEEN
VWC	VINYL WALL COVERING

CEILINGS

ACT-1	2X4 SUSPENDED ACOUSTIC PANEL CEILING, MINERAL FIBER, TEGULAR, SCORED TO 2X2
ACT-2	2X4 SUSPENDED ACOUSTIC PANEL CEILING, CLEAN ROOM, FLAT
GWB	GYPSUM BOARD
DRY	DRYWALL, PAINT
MTL	METAL CEILING PANELS – SEE ECC SPEC
PNT-F	PAINT – FLAT SHEEN

FINISH FLOORING LEGEND

- RESILIENT SHEETS FLOORING (WELDED SEAMS)
- LUXURY VINYL TILE
- VINYL COPPOSITION TILE
- EXPOSED AND SEALED CONCRETE
- RAISED RUBBER DISC
- CERAMIC TILE FLOORING (ADA SHOWER)

INTERIOR FINISH REMARKS

1. PROVIDE LEAD-LINED GWB AT ALL WALLS IN THE X-RAY ROOM.
2. PROVIDE ACT HOLD-DOWN CLIPS – ENTIRE ACT CEILING AREAS.
3. CERAMIC TILE BACKSPLASH BEHIND SINK/CASEWORK.
4. CERAMIC TILE AT SAFETY SHOWER.

C

INTERIOR FINISH GENERAL NOTES

FLOORING

1. EXTEND FINISH FLOORING BENEATH FIXED CASEWORK U.O.N.:
   - ROLL RESILIENT SHEET FLOORING UP VERTICAL FACE OF TOE KICKS OF FIXED CASEWORK. PROVIDE BACKER BAR AT ROLLED COVE.
2. PROVIDE RESILIENT TRANSITION STRIPS BETWEEN DIFFERING MATERIALS. LOCATE STRIPS ON THE ROOM SIDE OF DOORS.
3. SEAL ALL EXPOSED CONCRETE FLOORS.

WALL BASE

4. PROVIDE SCHEDULED WALL BASE AROUND ALL FIXED LABORATORY CASEWORK U.O.N.
5. LABORATORY TABLE MANUFACTURER SHALL PROVIDE S.S. SHOES AT ALL TABLE LEGS U.O.N.

WALLS

6. PAINT ALL INTERIOR HOLLOW METAL DOORS, DOOR FRAMES AND GLAZING FRAMES WITH SEMI-GLOSS LATEX PAINT UNLESS OTHERWISE NOTED (U.O.N.).
7. ALL DOOR & FRAME COLORS SHALL MATCH ADJACENT WALL SURFACES U.O.N.:
   - FINISH ALL WOOD DOORS WITH FACTORY APPLIED STAIN AND TRANSPARENT FINISH UNLESS U.O.N.
8. REFER TO FRAME TYPES FOR INTERIOR GLAZING SPECIFICATIONS.
9. FINISH ALL STEEL ACCESS DOORS AND FRAMES WITH SEMI-GLOSS LATEX PAINT, WITH COLOR TO MATCH ADJACENT WALLS, U.O.N.
10. FINISH ALL WALL SOFFITS TO MATCH ADJACENT WALLS. VERTICAL AND HORIZONTAL COLORS SHALL MATCH ADJACENT WALL U.O.N. MATCH END WALL COLOR WHEN REAR WALL DIFFERS.
11. TAPE EDGES BETWEEN CHANGES IN COLOR AND PAINT SHEEN.
12. INSTALL 48-INCH-HIGH RESILIENT GUARDS AT ALL EXTERIOR GWB CORNERS.

CEILINGS

13. FINISH ALL CEILING SOFFITS AND HEADERS WITH FLAT LATEX PAINT WITH COLOR TO MATCH ADJACENT CEILINGS U.O.N.
14. FINISH EXPOSED OVERHEAD CONSTRUCTION WITH DRYWALL PAINT – INCLUDING BUT NOT LIMITED TO PRIMARY AND SECONDARY STRUCTURAL ROOF FRAMING, BRACES, ROOF DECK & EXPOSED MECHANICAL/ELECTRICAL COMPONENTS. THE LATTER INCLUDES EXPOSED PIPING, DUCTS, RACEWAYS, CONDUITS & JUNCTION BOXES. MASK OFF THE FOLLOWING ITEMS FROM PAINT OVERSPRAY: VALVES, SPRINKLER HEADS, SENSORS, INSULATION JACKETS, PREFINISHED EQUIPMENT, LIGHT FIXTURES, DEVICES, COVER PLATES, ALARMS, I.T. CABLING, UTILITY MARKINGS, TAGS, AND ITEMS THAT CAN'T BE COVERED TO FUNCTION PROPERLY.
15. PAINT EXPOSED PERIMETER STEEL ANGLES AT ROOF DECKS WITH SEMI-GLOSS LATEX PAINT TO MATCH COLOR OF ADJACENT WALLS, U.O.N.

GENERAL INFORMATION

16. GLOSS LEVEL FOR ALL PAINT SHALL COMPLY WITH INTERIOR PAINT SPECIFICATION.
17. REFER TO VARIOUS TECHNICAL SPECIFICATIONS FOR FINISH REQUIREMENTS FOR PREFINISHED MATERIALS AND EQUIPMENT.
18. PROVIDE 48-INCH-HIGH HIGH-GLOSS PAINTED WAINSCOT ALL AROUND.
19. PROVIDE METAL COVE STRIP BETWEEN CT BASE & RESILIENT SHEET FLOORING
20. INSTALL 72-INCH CERAMIC TILE WAINSCOT AT WET TOILET ROOM WALLS – SEE INTERIOR ELEVATIONS FOR LIMITS.
21. INSTALL CERAMIC TILE FLOOR OF BATHROOM SHOWER.
22. INSTALL 84-INCH CERAMIC TILE WAINSCOT ON ALL SIDES OF BATHROOM SHOWER.
23. INSTALL 84-INCH CERAMIC TILE ON BACK WALL OF EMERGENCY SHOWER.
24. INSTALL 84-INCH H. X 36-INCH W. WAINSCOT ON SIDE WALLS OF EMERGENCY SHOWER.
25. INSTALL CERAMIC TILE AT DRINKING FOUNTAIN / EWC
26. INSTALL CERAMIC TILE BACKSPLASH BEHIND SINKS
27. EXTEND CERAMIC TILE WAINSCOT AROUND MIRRORS
28. PROVIDE TYPE RS-1 MANUAL WINDOW TREATMENT AT EXTERIOR WINDOWS UON.
29. PROVIDE TYPE RS-1 MANUAL WINDOW TREATMENT AT INTERIOR GLAZING & DOORS UON.

INTERIOR FINISH BID ALTERNATES

1. PROVIDE LUXURY VINYL TILE IN LIEU OF VINYL COMPOSITION TILE.
2. PROVIDE LUXURY RESILIENT BASE IN LIEU OF APPLIED RESILIENT COVE BASE.
3. PROVIDE 84-INCH EPOXY COATING WAINSCOT IN LIEU OF LATEX PAINT.

SPGB Architects
4333-A TULLER ROAD
DUBLIN, OHIO 43017
PHONE: (614) 771-4963

DESIGNED BY:	JB
DRAWN BY:	TD
CHECKED BY:	JB

REVISIONS:	DATE:
ADDENDUM 02	04/01/2025
ADDENDUM 03	04/03/2025

VET TEACHING CENTER
4025 EAST LAGRANGE ROAD, JEFFERSON COUNTY, INDIANA

HANOVER COLLEGE

ROOM FINISH SCHEDULE & FLOOR PATTERN PLAN

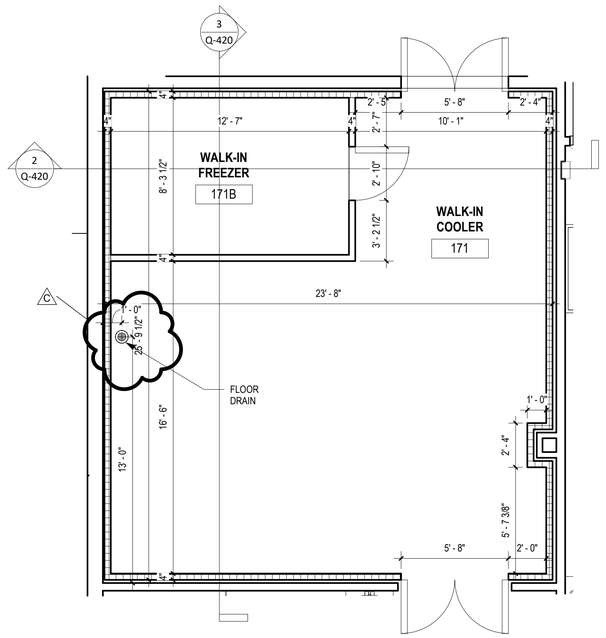
SCALE: As indicated

A-620

JOB NO.: 23009

DATE: 03.07.2025

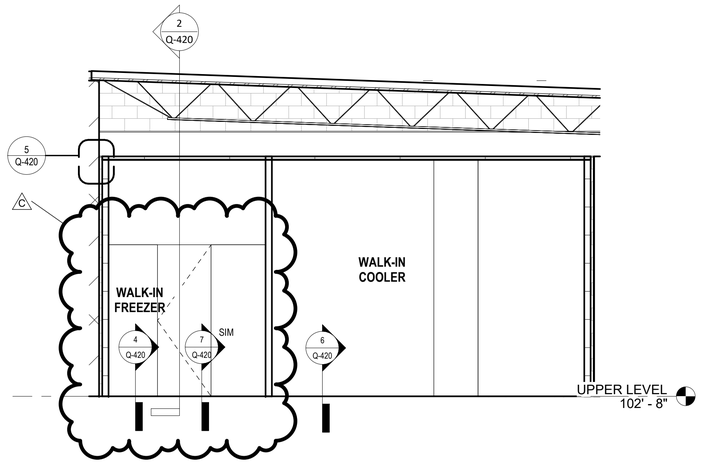
1/16" = 1'-0" 0 4' 8' 16' | 1/8" = 1'-0" 0 2' 4' 8' | 3/16" = 1'-0" 0 2' 4' 8' | 1/4" = 1'-0" 0 1' 2' 4' | 3/8" = 1'-0" 0 1' 2' 4' | 1/2" = 1'-0" 0 6" 1' 2' | 3/4" = 1'-0" 0 3" 6" 1' 2' | 1" = 1'-0" 0 3" 6" 1' 2' | 1 1/2" = 1'-0" 0 3" 6" 1' | 3" = 1'-0" 0 2" 3" 6" 1' | 6" = 1'-0" 0 1" 3" 6"



1 EEC FLOOR PLAN

1/4" = 1'-0"

N



3 ECC CROSS SECTION

1/4" = 1'-0"

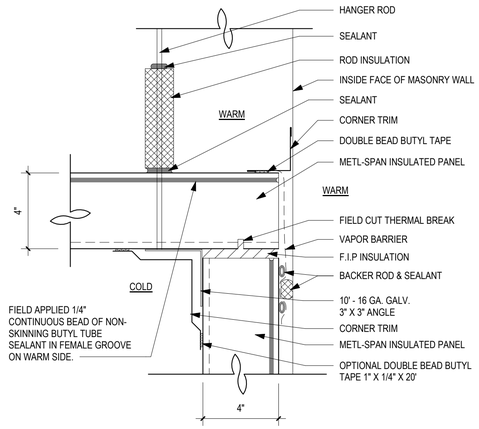
GENERAL NOTES

1. WALLS & CEILING CONSTRUCTED W/ 4" PREFABRICATED INSULATED METAL PANELS.
2. 8-FOOT HIGH ENCLOSURE IN FREEZER. 12' -8" HIGH ENCLOSURE IN WALK-IN COOLER.
3. NO FLOOR PANELS AT COOLER - SET INSULATED METAL WALL PANELS ON SEALED CONCRETE FLOOR. PROVIDE ISOLATION JOINT BETWEEN ECC FLOOR SLAB AND REMAINDER OF SLAB.
4. PROVIDE INSULATED METAL FLOOR PANEL AT FREEZER. SET PANELS FLUSH WITH ADJECENT CONCRETE COOLER FLOOR. COORDINATE FLOOR PANEL THICKNESS WITH FREEZER MANUFACTURER.
5. 2-INCH AIR SPACE ALL AROUND WALL PANELS, ADJUST IN FIELD AS NEEDED PER MANUFACTURES RECOMMENDATIONS.
6. SS WALL CLOSURE TRIM TO ADJACENT PARTITIONS
7. OVERHEAD SUSPENDED EVAPORATOR - LOCATE ON WEST WALL ABOVE SHELVING.
8. ROOF-MOUNTED OUTDOOR AIR-COOLED CONDENSING UNIT AS SHOWN ON DRAWINGS
9. SINGLE POINT OF ELECTRICAL POWER CONNECTION TO BE LOCATED PER MANUFACTURERS RECOMMENDATION

SPGB Architects
4333-A TULLER ROAD
DUBLIN, OHIO 43017
PHONE: (614) 771-4963

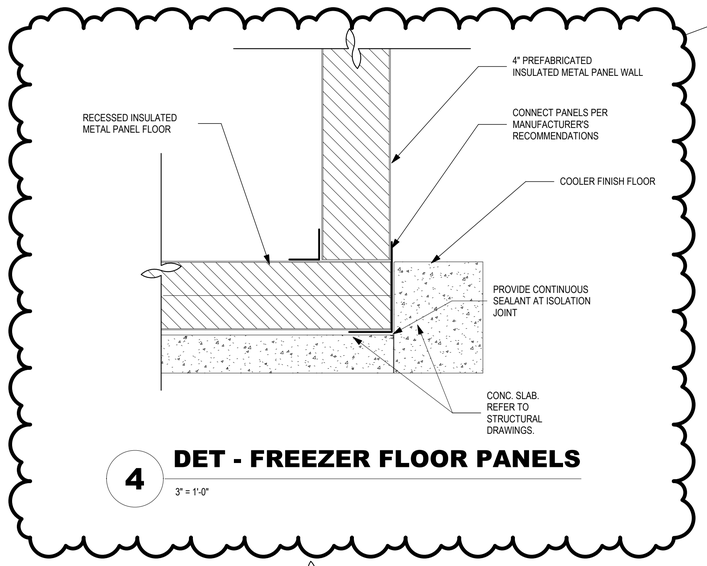
DESIGNED BY:	JB
DRAWN BY:	TD
CHECKED BY:	JB

REVISIONS:	DATE:
ADDENDUM 02	04/01/2025



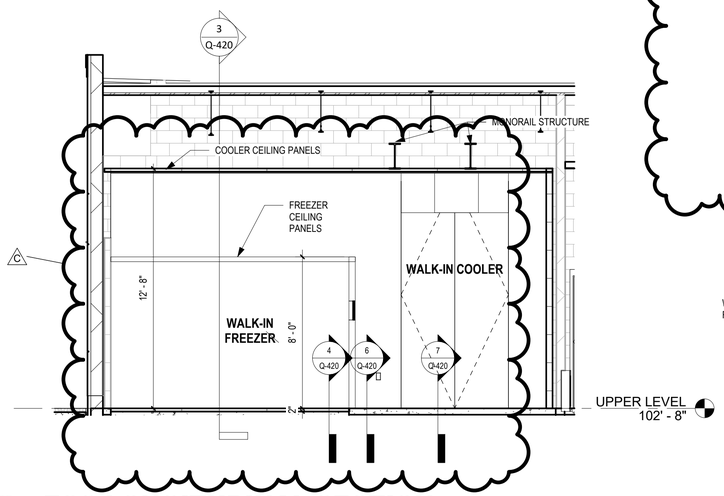
5 DET - INT-TYP. AT CEILING (4" INSULATED METAL PANEL)

3" = 1'-0"



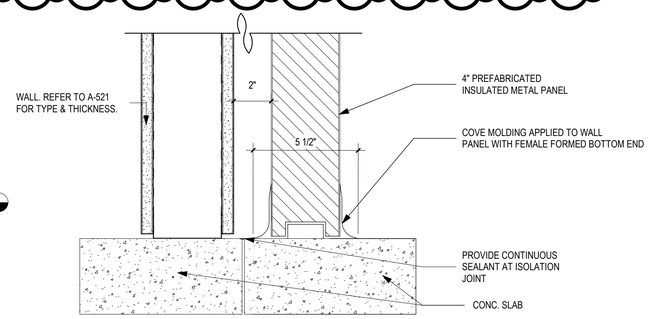
4 DET - FREEZER FLOOR PANELS

3" = 1'-0"



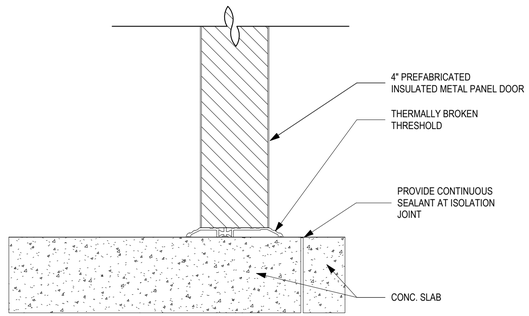
2 ECC LONGITUDINAL SECTION

1/4" = 1'-0"



6 DET @ COOLER FLOOR

3" = 1'-0"



7 DET - THRESHOLD @ COOLER

3" = 1'-0"

VET TEACHING CENTER
4025 EAST LAGRANGE ROAD, JEFFERSON COUNTY, INDIANA
HANOVER COLLEGE

C

WALK-IN COOLER AND FREEZER

SCALE:	As indicated
Q-420	
JOB NO.:	23009
DATE:	03.07.2025