312 PLUM ST., SUITE 700
CINCINNATI, OH 45202
(513) 381-2112

March 4, 2025

ADDENDUM NO. 1
(3 Pages of text, 22 pages of attachments / Total = 25 Pages)

TO THE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS FOR:

Fairfield County Workforce Development Center
Interior Alterations

Comm. No. 2022063.02

Board of Commissioners of Fairfield County Ohio
210 E Main St.,
Lancaster OH 43130

PRE-BID MEETING

1. Pre-Bid Meeting Minutes are attached
2. Pre-Bid Meeting Attendance Sheet is attached

PREBID REQUEST FOR INFORMATION

1. **Advise if Division 27 and Division 28 work should be included in our bid. If so, please provide product data specifications. Sheet E201, Note D references T Drawings and specifications but none seem to be in the bid documents.**

   Answer: Div 27 and 28 devices will be provided and installed by owner. EC shall be responsible for technology rough-in and cat6 cabling. Refer to revised drawing notes on sheets e001 and e201.

2. **There is no electrical power or fire alarm drawings provided for alternate #1. Contract document E011 shows the 2 existing duplex receptacles and the 2 existing speaker/strobes being demolished. Is it the intent to replace these existing receptacles and fire alarm devices?**

   Answer: Intent is to replace the existing receptacles and fire alarm devices. Refer to revised E011 and E301 sheets.

3. **The Fire alarm drawings call out for speaker type notification devices. The existing 4010 fire alarm panel cannot support speaker type devices, only horn/strobes. Please advise.**

   Answer: Provide horn/strobe devices. Refer to revised E301 sheet.

4. **Is the existing roof under warranty with a roofing contractor? If so, who?**

   Answer: Yes. Kalkreuth Roofing & Sheet Metal, Inc.

5. **Is the allowance meant to cover all the miscellaneous brick masonry repair, with the unit prices to cover additional work? Is that all we are to carry for that scope?**

   Answer: The contractor will identify areas requiring masonry repair, track quantities of the repairs, and apply the associated unit cost to those quantities. The resulting cost of work will be reimbursed under Allowance No. 1. Any repair scope which would cause costs to exceed the allowance will be reviewed by the architect and owner. Masonry repair scope in excess of Allowance No. 1 will approved by change order.

6. **The elevation calls for us to repair the gutters and existing metal wall panels. How are we to quantify this work?**

   Answer: Elevation notes have been updated. The frequency of gutter joints to be repaired has been noted. The word “repair” has been removed from existing metal panel notes. Metal panels are to be prepped and painted per the paint manufacture’s written instructions.

7. **The exterior elevations show an existing canopy to be prepped and repainted. There is only one view of it. What is the length of the canopy and number of columns? Can you also tell us how much of the canopy is exposed metal?**

   Answer: Refer to A401.

8. **Detail 4 on A531 has us replacing rigid insulation as needed. This scope is impossible to quantify. Can this be handled through an allowance as well?**

   Answer: 4/A531 occurs at locations where existing windows are being replaced with Type S8 Storefront. Bidders shall include 160 sq. ft. of cavity wall insulation replacement.

SPECIFICATIONS

1. **SECTION 00 01 10 – TABLE OF CONTENTS (Not Re-Issued):**
   A. Add Section 05 12 00 Structural Steel Framing to the table of contents.

2. **SECTION 05 12 00 – STRUCTURAL STEEL FRAMING (Issued):**
   A. Add Section 05 12 00 Structural Steel Framing to the Project Manual.

3. **SECTION 07 42 13.13 - FORMED METAL WALL PANELS (Not Re-Issued):**
   A. Part 2.2.B.1.C - Change to *Fabral; Select Series 612-R1*

4. **SECTION 12 24 13 – ROLLER WINDOW SHADES (Not Re-Issued):**
   A. Part 2.1.B - SunOrShade is added as an approved manufacturer.

DRAWINGS

1. **SHEET G001 – CODE DATA SHEET (Re-Issued):**
   A. List of Applicable Codes - Electrical has been updated to 2023 NEC
   B. Tenant Work Area Information - Revised means of egress capacity to .2 inch per occupant. Updated egress door capacities accordingly.
2. **SHEET D101 – FIRST FLOOR DEMO PLAN (Re-Issued):**
   A. Added Key Notes D19 and D20 for concrete pavement and downspouts.

3. **SHEET A101A – FIRST FLOOR PLAN (Re-Issued):**
   A. Added notes for new solid surface sill, and head and jamb framing required at S8 Storefront in 161 Multi-Purpose.
   B. Revised Door 105 to swing in the direction of egress travel.

4. **SHEET A101B – FIRST FLOOR PLAN INTERIOR (Re-Issued):**
   A. Added Key Note 69 for manual roller shades. Refer to the 1/A101B for locations of roller shades.
   B. Revised Door 105 to swing in the direction of egress travel. Added an Exit Sign.
   C. Added an Exit Sign at door 100.

5. **SHEET A201 – EXTERIOR ELEVATIONS (Re-Issued):**
   A. Revised Integral Gutter Notes
   B. Revised Existing Metal Panel Notes
   C. Added existing and new downspouts to the elevations.
   D. Added linework showing extents of existing drop off canopy.

6. **SHEET A401 – FIRST FLOOR REFLECTED CEILING PLAN (Re-Issued):**
   A. Revised ceiling height in Vest. 159A
   B. Added (2) new walkway covers between the existing drop off canopy and the building.

7. **SHEET A532 – DETAILS (Re-Issued):**
   A. Added 7/A532 WALKWAY COVER DETAIL.

8. **SHEET P200 – PLUMBING FIRST FLOOR PLAN (Re-Issued):**
   A. Added shutoff valves for (2) FPWH-1 on the north facade.

9. **SHEET P400 – PLUMBING ISOMETRICS (Re-Issued):**
   A. Added shutoff valves for (2) FPWH-1 on the north facade.

10. **SHEET E201 – FIRST FLOOR POWER PLAN (Re-Issued):**
    A. Added 3/E201 ALTERNATE 1 – POWER PLAN.
    B. Added GFCI to receptacle in 103 KITCHENETTE.

11. **SHEET E301 – FIRST FLOOR FIRE ALARM PLAN (Re-Issued):**
    A. Added 4/E301 ALTERNATE 1 – FIRE ALARM PLAN.
    B. Revised symbols to show horn / strobe style devices.

12. **SHEET E400 – PANEL SCHEDULES (Re-Issued):**
    A. Revised circuit P5-17 to have GFCI.

End of Addendum No. 1

ATTACHMENTS

- Pre-Bid Meeting Minutes,
- Pre-Bid Meeting Attendance Sheet
- SECTION 05 12 00 – STRUCTURAL STEEL FRAMING
- SHEET G001 – CODE DATA SHEET
- SHEET D101 – FIRST FLOOR DEMO PLAN
- SHEET A101A – FIRST FLOOR PLAN
- SHEET A101B – FIRST FLOOR PLAN INTERIOR
- SHEET A201 – EXTERIOR ELEVATIONS
- SHEET A400 – FIRST FLOOR REFLECTED CEILING PLAN
- SHEET A532 – DETAILS
- SHEET P200 – PLUMBING FIRST FLOOR PLAN
- SHEET P400 – PLUMBING ISOMETRICS
- SHEET E201 – FIRST FLOOR POWER PLAN
- SHEET E301 – FIRST FLOOR FIRE ALARM PLAN
- SHEET E400 – PANEL SCHEDULES

SHP

CINCINNATI, OH 513.381.2112
COLUMBUS, OH 614.223.2124
BELLEVUE, KY 859.360.1234

PRE-BID MEETING MINUTES

Project: **Fairfield County Workforce Development Center - Interior Alterations**
Date: February 20, 2025 – 11:00 am
Address: 4465 Coonpath Road NW, Carroll, OH 43112

1.01 Sign-in & Introduction

1.02 Contract Documents are available for download on the Fairfield County website at: www.co.fairfield.oh.us/bids.

1.03 Sealed bids will be received by:

Jon Kochis, Facilities Director
Board of Commissioners of Fairfield County Ohio
210 East Main Street, Room 300,
Lancaster, Ohio, 43130

Until 2:00 p.m. – local time March 13, 2025

Plainly marked on the outside " Bid for FCWDC - INTERIOR ALTERATIONS"

1.04 Pre-Bid Questions, Substitution Request, Etc:

A. All pre-bid communication (RFI, substitution requests, clarification requests, etc.) must be received in writing, in accordance with the project manual. Questions will not be answered over the phone.
B. Questions will be accepted until 4:00 PM local time on March 5, 2025. Questions received after the above deadline may not be answered.
C. Questions should be e-mailed to: Brock Rossel: brossel@shp.com and Jon Kochis: jon.kochis@fairfieldcountyohio.gov.

1.05 Materials purchased for use or consumption with the proposed work will be exempt from the State of Ohio Sales Tax as outlined in the Spec Section 00 73 01.

1.06 Prevailing wage rates DO apply to this project.

1.07 The project will NOT be seeking LEED certification.

1.08 The probable construction cost estimate for this work is: $ 2,480,676 base bid

1.09 Form of Contract – This is a publicly advertised project for a single-prime GC contract, utilizing A101 and A201 Contract Documents (DRAFT documents included in Project Manual)

A. Retainage: Work - 8% up to 50% of work, Materials – 8% until incorporated into the project

1.10 Milestone Schedule:

A. March 13, 2025 Submit bid by 2:00pm
B. April 2, 2025 Contractor mobilized – start work on site
C. October 1, 2025 Substantial Completion
D. November 5, 2025 Project Closeout / Final Completion

1.11 Project Logistics (interior protection, material handling, contractor parking, storage location & security)

1.12 Working Hours / Interruptions

1.13 Progress / Coordination Meetings

1.14 Drawing Review

A. There is (1) Allowance for Brick Masonry Repair and Repointing described in the documents.
B. There are (4) Alternates described in the documents.
C. There are (2) Unit Prices described in the documents.

1.15 Building Tour. If you need to revisit site, email Jon Kochis - jon.kochis@fairfieldcountyohio.gov

Fairfield County Workforce Development Center
Interior Alterations
2022063.02

PREBID MEETING ATTENDANCE SHEET

February 20, 2024

name	company name	business phone	cell phone	email
Stephanie Kelly	Robertson Construction	740-929-1000	—	SKelly@Robertsonconstruction.net
Drayton Green	Ohio Plumbing	614-425-6896		dgreen@ohheating.com
Nathan Eisel	Ohio Plumbing	614-603-8190	—	neisel@ohheating.com
DJ Fett	Elford	614-406-5479		DJFett@elford.com
TERRY TRIMMER	ROSE PLUMBING	740 564 5667		TERRY.TRIMMER@ROSEPLUMBINGLLC.C
JOHN MEEGAN	GUTKNECHT	614 202.0110		J.meegan@gutknecht.com
Trevor Wadsworth	Speer	614-867-2534		twadsworth@speermechanical.com
Dustin Miller	Claypool Electric	740-304-3681		dmiller@claypoolelectric.com
DREW CLARK	MID CITY ELECTRIC	614-406-4956		PCLARK@MIDCITYELECTRIC.COM
Luke Hursh	Axtel Electric	740-243-7253		lukeh@axtelelectric.com
CHARLIE BILLEE	SA COMUNALE	330-822-5181		CHARLIE.BILLEE@COMUNALE.COM
Doug Conant	Pipeworks LLC	740 652-3762		doug@pipeworksofohio.com
BILL MARTIN	SYNESIS ENVIRONMENTA	513-814-6509		BMARTIN@SYNESISENV.COM
Ronnie Bean	180 DEMO	614--		
Zahid Alvarenga	Environmental Demolition	859 363-4863	317 397-4383	zalvarenga@edgllc.biz

SECTION 05 12 00 - STRUCTURAL STEEL FRAMING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
1. Structural-steel materials.

B. Related Requirements:
1. Section 09 91 12 "Painting" for painting requirements.

1.2 DEFINITIONS

A. Structural Steel: Elements of the structural frame indicated on Drawings and as described in ANSI/AISC 303.

1.3 COORDINATION

A. Coordinate selection of shop primers with topcoats to be applied over them. Comply with paint and coating manufacturers' written recommendations to ensure that shop primers and topcoats are compatible with one another.

B. Coordinate installation of anchorage items to be embedded in or attached to other construction without delaying the Work. Provide setting diagrams, sheet metal templates, instructions, and directions for installation.

1.4 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings: Show fabrication of structural-steel components.
1. Include details of cuts, connections, splices, camber, holes, and other pertinent data.
2. Include embedment Drawings.
3. Indicate welds by standard AWS symbols, distinguishing between shop and field welds, and show size, length, and type of each weld. Show backing bars that are to be removed and supplemental fillet welds where backing bars are to remain.
4. Indicate type, size, and length of bolts, distinguishing between shop and field bolts. Identify pretensioned and slip-critical, high-strength bolted connections.
5. Steel Fabricator and Contractor Certification: Include on the front cover or initial sheet of each steel fabrication shop drawing the certification form provided in Part 4 of this specification. Shop drawings submitted without this certification form will be returned to the contractor without review.

C. Delegated Design Submittal: For structural-steel connections indicated on Drawings to comply with design loads, include analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1.5 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer.

B. Welding certificates.

C. Paint Compatibility Certificates: From manufacturers of topcoats applied over shop primers, certifying that shop primers are compatible with topcoats.

D. Mill test reports for structural-steel materials, including chemical and physical properties.

E. Product Test Reports: For the following:
1. Bolts, nuts, and washers, including mechanical properties and chemical analysis.
2. Shop primers

F. Survey of existing conditions.

G. Source quality-control reports.

H. Field quality-control reports.

1.6 QUALITY ASSURANCE

A. Fabricator Qualifications: A qualified fabricator that participates in the AISC Quality Certification Program and is designated an AISC-Certified Plant, Category BU .

B. Fabricator Qualifications: A qualified fabricator with not less than (10) years of successful experience in comparable installation projects and employing personnel skilled in the fabrication processes and operations indicated.

C. Installer Qualifications: A qualified installer with not less than (10) years of successful experience in comparable installation projects and employing personnel skilled in the installation processes and operations indicated.

D. Welding Qualifications: Qualify procedures and personnel in accordance with AWS D1.1/D1.1M.
1. Welders and welding operators performing work on bottom-flange, demand-critical welds are to pass the supplemental welder qualification testing, as required by AWS D1.8/D1.8M. FCAW-S and FCAW-G are to be considered separate processes for welding personnel qualification.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Store materials to permit easy access for inspection and identification. Keep steel members off ground and spaced by using pallets, dunnage, or other supports and spacers. Protect steel members and packaged materials from corrosion and deterioration.
1. Do not store materials on structure in a manner that might cause distortion, damage, or overload to members or supporting structures. Repair or replace damaged materials or structures as directed.

B. Store fasteners in a protected place in sealed containers with manufacturer's labels intact.
1. Fasteners may be repackaged provided Owner's testing and inspecting agency observes repackaging and seals containers.
2. Clean and relubricate bolts and nuts that become dry or rusty before use.
3. Comply with manufacturers' written recommendations for cleaning and lubricating ASTM F3125/F3125M, Grade F1852 bolt assemblies and for retesting bolt assemblies after lubrication.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Comply with applicable provisions of the following specifications and documents:
1. ANSI/AISC 303.
2. ANSI/AISC 341.
3. ANSI/AISC 360.
4. RCSC's "Specification for Structural Joints Using High-Strength Bolts."
5. Ohio Revised Code Sections 153.011 and 153.99: All load-bearing structural steel shall be fabricated and produced using only steel made in the United States.

B. Connection Design Information:
1. Fabricator's experienced steel detailer selects or completes connections in accordance with ANSI/AISC 303.
a. Select and complete connections using schematic details indicated and ANSI/AISC 360.
b. Use Allowable Stress Design; data are given at service-load level/

C. Moment Connections: Type FR, fully restrained.

D. Construction: Combined system of moment frame and shear walls.

2.2 STRUCTURAL-STEEL MATERIALS

A. Domestic Steel: All steel permanently installed in the Work shall be domestically produced in accordance with the Ohio Revised Code.

B. W-Shapes: ASTM A992/A992M.

C. Channels, Angles: ASTM A36/A36M.

D. Plate and Bar: ASTM A36/A36M.

E. Cold-Formed Hollow Structural Sections**:** ASTM A500/A500M, Grade B structural tubing.

F. Welding Electrodes: Comply with AWS requirements.

2.3 BOLTS AND CONNECTORS

A. High-Strength A325 Bolts, Nuts, and Washers: ASTM F3125/F3125M, Grade A325, Type 1, heavy-hex steel structural bolts; ASTM A563, Grade DH, heavy-hex carbon-steel nuts; and ASTM F436/F436M, Type 1, hardened carbon-steel washers; all with plain finish.

B. Shear Stud Connectors: ASTM A108, AISI C-1015 through C-1020, headed-stud type, cold-finished carbon steel; AWS D1.1/D1.1M, Type B.

2.4 RODS

A. Threaded Rods: ASTM A36/A36M.
1. Nuts: ASTM A63 heavy-hex carbon steel.
2. Washers: ASTM F436, Type 1, hardened ASTM A36/A36M carbon steel.
3. Finish: Plain Hot-dip zinc coating, ASTM A153/A153M, Class C Mechanically deposited zinc coating, ASTM B695, Class 50.

2.5 PRIMER

A. Steel Primer:
1. Comply with Section 09 91 12 "Painting" and Section 09 96 00 "High-Performance Coatings."

B. Galvanized-Steel Primer: MPI#26 MPI#80, MPI#134.
1. Etching Cleaner: MPI#25, for galvanized steel.
2. Galvanizing Repair Paint: MPI#18, MPI#19, or SSPC-Paint 20 ASTM A780/A780M.

2.6 FABRICATION

A. Structural Steel: Fabricate and assemble in shop to greatest extent possible. Fabricate in accordance with ANSI/AISC 303 and to ANSI/AISC 360.
1. Camber structural-steel members where indicated.
2. Fabricate beams with rolling camber up.
3. Identify high-strength structural steel in accordance with ASTM A6/A6M and maintain markings until structural-steel framing has been erected.
4. Mark and match-mark materials for field assembly.
5. Complete structural-steel assemblies, including welding of units, before starting shop-priming operations.
6. Provide 1/4-inch thick closure plate on open ends of all vertical structural pipes and tubes unless noted otherwise.

B. Thermal Cutting: Perform thermal cutting by machine to greatest extent possible.
1. Plane thermally cut edges to be welded to comply with requirements in AWS D1.1/D1.1M.

C. Bolt Holes: Cut, drill, mechanically thermal cut, or punch standard bolt holes perpendicular to metal surfaces.

D. Finishing: Accurately finish ends of columns and other members transmitting bearing loads.

E. Cleaning: Clean and prepare steel surfaces that are to remain unpainted in accordance with SSPC-SP 2.

F. Shear Stud Connectors: Prepare steel surfaces as recommended by manufacturer of shear connectors. Weld using automatic end welding of headed-stud shear connectors in accordance with AWS D1.1/D1.1M and manufacturer's written instructions.

G. Holes: Provide holes required for securing other work to structural steel and for other work to pass through steel members.
1. Cut, drill, or punch holes perpendicular to steel surfaces. Do not thermally cut bolt holes or enlarge holes by burning.
2. Baseplate Holes: Cut, drill, mechanically thermal cut, or punch holes perpendicular to steel surfaces.
3. Weld threaded nuts to framing and other specialty items indicated to receive other work.

2.7 SHOP CONNECTIONS

A. High-Strength Bolts: Shop install high-strength bolts in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts" for type of bolt and type of joint specified.
1. Joint Type: Snug tightened.

B. Weld Connections: Comply with AWS D1.1/D1.1M and AWS D1.8/D1.8M for tolerances, appearances, welding procedure specifications, weld quality, and methods used in correcting welding work.
1. Assemble and weld built-up sections by methods that maintain true alignment of axes without exceeding tolerances in ANSI/AISC 303 for mill material.

2.8 GALVANIZING

A. Hot-Dip Galvanized Finish: Apply zinc coating by the hot-dip process to structural steel in accordance with ASTM A123/A123M.
1. Fill vent and drain holes that are exposed in the finished Work unless they function as weep holes, by plugging with zinc solder and filing off smooth.
2. Galvanize lintels and welded door frames attached to structural-steel frame and located in exterior walls.

2.9 SHOP PRIMING

A. Shop prime steel surfaces, except the following:
1. Surfaces embedded in concrete or mortar. Extend priming of partially embedded members to a depth of 2 inches.
2. Surfaces to be field welded.
3. Surfaces of high-strength bolted, slip-critical connections.
4. Surfaces to receive sprayed fire-resistive materials (applied fire protection).
5. Galvanized surfaces unless indicated to be painted.

B. Surface Preparation of Steel: Clean surfaces to be painted. Remove loose rust and mill scale and spatter, slag, or flux deposits. Prepare surfaces in accordance with the following specifications and standards:
1. SSPC-SP 2.

C. Surface Preparation of Galvanized Steel: Prepare galvanized-steel surfaces for shop priming by thoroughly cleaning steel of grease, dirt, oil, flux, and other foreign matter, and treating with etching cleaner or in accordance with SSPC-SP 16.

D. Priming: Immediately after surface preparation, apply primer in accordance with manufacturer's written instructions and at rate recommended by SSPC to provide a minimum dry film thickness of 1.5 mils. Use priming methods that result in full coverage of joints, corners, edges, and exposed surfaces.
1. Stripe paint corners, crevices, bolts, welds, and sharp edges.
2. Apply two coats of shop paint to surfaces that are inaccessible after assembly or erection. Change color of second coat to distinguish it from first.

2.10 SOURCE QUALITY CONTROL

A. Testing Agency: Architect will engage a qualified testing agency to perform shop tests and inspections.

1. Allow testing agency access to places where structural-steel work is being fabricated or produced to perform tests and inspections.
2. Bolted Connections: Inspect and test shop-bolted connections in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts."
3. Welded Connections: Visually inspect shop-welded connections in accordance with AWS D1.1/D1.1M and the following inspection procedures, at testing agency's option:
   a. Liquid Penetrant Inspection: ASTM E165/E165M.
   b. Magnetic Particle Inspection: ASTM E709; performed on root pass and on finished weld. Cracks or zones of incomplete fusion or penetration are not accepted.
   c. Ultrasonic Inspection: ASTM E164.
   d. Radiographic Inspection: ASTM E94/E94M.
4. In addition to visual inspection, test and inspect shop-welded shear stud connectors in accordance with requirements in AWS D1.1/D1.1M for stud welding and as follows:
   a. Perform bend tests if visual inspections reveal either a less-than-continuous 360-degree flash or welding repairs to any shear stud connector.
   b. Conduct tests in accordance with requirements in AWS D1.1/D1.1M on additional shear stud connectors if weld fracture occurs on shear stud connectors already tested.
5. Prepare test and inspection reports.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify, with certified steel erector present, elevations of concrete- and masonry-bearing surfaces and locations of anchor rods, bearing plates, and other embedments for compliance with requirements.
   1. Prepare a certified survey of existing conditions. Include bearing surfaces, anchor rods, bearing plates, and other embedments showing dimensions, locations, angles, and elevations.

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

3.2 PREPARATION

A. Provide temporary shores, guys, braces, and other supports during erection to keep structural steel secure, plumb, and in alignment against temporary construction loads and loads equal in intensity to design loads. Remove temporary supports when permanent structural steel, connections, and bracing are in place unless otherwise indicated on Drawings.
   1. Do not remove temporary shoring supporting composite deck construction and structural-steel framing until cast-in-place concrete has attained its design compressive strength.

3.3 ERECTION

A. Set structural steel accurately in locations and to elevations indicated and in accordance with ANSI/AISC 303 and ANSI/AISC 360.

B. Baseplates, Bearing Plates, and Leveling Plates: Clean concrete- and masonry-bearing surfaces of bond-reducing materials, and roughen surfaces prior to setting plates. Clean bottom surface of plates.
   1. Set plates for structural members on wedges, shims, or setting nuts as required.
   2. Weld plate washers to top of baseplate.
   3. Snug-tighten anchor rods after supported members have been positioned and plumbed. Do not remove wedges or shims but, if protruding, cut off flush with edge of plate before packing with grout.
   4. Promptly pack shrinkage-resistant grout solidly between bearing surfaces and plates, so no voids remain. Neatly finish exposed surfaces; protect grout and allow to cure. Comply with manufacturer's written installation instructions for grouting.

C. Maintain erection tolerances of structural steel within ANSI/AISC 303.

D. Align and adjust various members that form part of complete frame or structure before permanently fastening. Before assembly, clean bearing surfaces and other surfaces that are in permanent contact with members. Perform necessary adjustments to compensate for discrepancies in elevations and alignment.
   1. Level and plumb individual members of structure. Slope roof framing members to slopes indicated on Drawings.

2. Make allowances for difference between temperature at time of erection and mean temperature when structure is completed and in service.

E. Splice members only where indicated.

F. Do not use thermal cutting during erection.

G. Do not enlarge unfair holes in members by burning or using drift pins. Ream holes that must be enlarged to admit bolts.

H. Field apply bituminous coating to steel members to be embedded in concrete or grout.

3.4 FIELD CONNECTIONS

A. High-Strength Bolts: Install high-strength bolts in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts" for bolt and joint type specified.
1. Joint Type: Snug tightened Pretensioned Slip critical.

B. Weld Connections: Comply with AWS D1.1/D1.1M and AWS D1.8/D1.8M for tolerances, appearances, welding procedure specifications, weld quality, and methods used in correcting welding work.
1. Comply with ANSI/AISC 303 and ANSI/AISC 360 for bearing, alignment, adequacy of temporary connections, and removal of paint on surfaces adjacent to field welds.
2. Assemble and weld built-up sections by methods that maintain true alignment of axes without exceeding tolerances in ANSI/AISC 303 for mill material.

C. Shear Stud Connectors: Prepare steel surfaces as recommended by manufacturer of shear connectors. Weld using end welding of headed-stud shear connectors in accordance with AWS D1.1/D1.1M and manufacturer's written instructions.

3.5 REPAIR

A. Galvanized Surfaces: Clean areas where galvanizing is damaged or missing, and repair galvanizing to comply with ASTM A780/A780M.

B. Touchup Painting:
1. Immediately after erection, clean exposed areas where primer is damaged or missing, and paint with the same material as used for shop painting to comply with SSPC-PA 1 for touching up shop-painted surfaces.
a. Clean and prepare surfaces by SSPC-SP 2 hand-tool cleaning or SSPC-SP 3 power-tool cleaning.
2. Cleaning and touchup painting are specified in Section 099113 "Exterior Painting" and Section 099123 "Interior Painting."

C. Touchup Priming: Cleaning and touchup priming are specified in Section 099600 "High-Performance Coatings."

3.6 FIELD QUALITY CONTROL

A. Special Inspections: Architect will engage a special inspector to perform the following special inspections:
1. See Construction Drawings for Special Instruction requirements.

B. Testing Agency: Owner will engage a qualified testing agency to perform tests and inspections.
1. Bolted Connections: Inspect and test bolted connections in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts."
2. Welded Connections: Visually inspect field welds in accordance with AWS D1.1/D1.1M.
a. In addition to visual inspection, test and inspect field welds in accordance with AWS D1.1/D1.1M and the following inspection procedures, at testing agency's option:
1) Liquid Penetrant Inspection: ASTM E165/E165M.
2) Magnetic Particle Inspection: ASTM E709; performed on root pass and on finished weld. Cracks or zones of incomplete fusion or penetration are not accepted.
3) Ultrasonic Inspection: ASTM E164.
4) Radiographic Inspection: ASTM E94/E94M.

3. Shear Stud Connectors: In addition to visual inspection, test and inspect field-welded shear connectors according to requirements in AWS D1.1/D1.1M for stud welding and as follows:
   a. Perform bend tests if visual inspections reveal either a less-than-continuous 360-degree flash or welding repairs to any shear connector.
   b. Conduct tests according to requirements in AWS D1.1/D1.1M on additional shear connectors if weld fracture occurs on shear connectors already tested.

C. Contractor shall correct deficiencies in Work that test reports and inspections indicate does not comply with the Contract Documents.

D. Additional testing, at Contractor's expense, will be performed to determine compliance of corrected Work with specified requirements.

PART 4 - CERTIFICATION

Steel Fabricator Certification
The steel fabricator identified below certifies that for this project all load-bearing structural steel (as defined by the State of Ohio Department of Administrative Services, Directive Number GS-D-07, dated 09-01-2009, has been fabricated or produced, to the best of its knowledge, only from steel made in the United States in accordance with Sections 153.011 and 153.99, of the Ohio Revised Code (ORC). Further, the steel fabricator hereby certifies that it has read and understands that a monetary penalty for violations may be imposed under the authority of the referenced sections of the ORC.

_____
[Printed or Typed Name of Fabrication Company]
By
_____
[Printed or Typed Name of Company Official]

_____ _____
Signature of Company Official Date

* *

Contractor Certification
The Contractor identified below certifies that it has required as a condition of purchase, that for this project all load-bearing structural steel (as defined by the State of Ohio Department of Administrative Services, Directive Number GS-D-07, dated 09-01-2009, shall be fabricated and produced using, to the best of its knowledge, only steel made in the United States in accordance with Sections 153.011 and 153.99 of the Ohio Revised Code (ORC). Further, the Contractor certifies that it has read and understands that a monetary penalty for violations may be imposed under the authority of the referenced sections of the ORC.

_____
[Printed or Typed Contractor Company Name]
By
_____
[Printed or Typed Name and Title of Contractor Company Official]

_____ _____
Signature of Contractor Official Date

END OF SECTION 05 12 00

OCCUPANCY CALCULATIONS

ROOM NUMBER	ROOM NAME	GROSS AREA	AREA PER OCCUPANT	Simultaneously Occupied	OCCUPANT LOAD DESIGN LOAD	OCCUPANT LOAD ACTUAL LOAD
101	OPEN SPACE	476 SF	150 SF	Yes	4	0
101A	OFFICE	142 SF	150 SF	No	1	1
101B	OFFICE	141 SF	150 SF	No	1	1
101C	OFFICE	141 SF	150 SF	No	1	1
101D	OFFICE	203 SF	150 SF	No	2	1
101E	CONFERENCE ROOM	472 SF	15 SF	No	32	32
102A	OFFICE	131 SF	150 SF	No	1	1
102B	OFFICE	118 SF	150 SF	No	1	1
102C	OFFICE	131 SF	150 SF	No	1	1
102D	OFFICE	118 SF	150 SF	No	1	1
102E	OFFICE	154 SF	150 SF	No	2	1
103	KITCHENETTE	108 SF	150 SF	Yes	1	0
104	WORK STATIONS	490 SF	50 SF	No	10	10
110	JAN/ELEC.	92 SF	300 SF	Yes	1	0
117B	OFFICE	133 SF	150 SF	No	1	1
117C	CLOSET	32 SF	300 SF	Yes	1	0
117D	OFFICE	134 SF	150 SF	No	1	1
118	RESP. THERAPY C.R.	706 SF	20 SF	No	36	36
118A	STORAGE	193 SF	300 SF	Yes	1	0
119	RESP. THERAPY LAB	1137 SF	50 SF	No	22	22
119A	STORAGE	278 SF	300 SF	Yes	1	0
121	STORAGE	97 SF	300 SF	Yes	1	0
122	PHLEBOTOMY LAB	949 SF	50 SF	No	16	16
122B	OFFICE	126 SF	150 SF	No	1	1
126	OPEN COMMONS	2020 SF	50 SF	No	41	41
128	OFFICE	122 SF	150 SF	No	1	1
130	IT	93 SF	300 SF	Yes	1	0
131	STOR.	93 SF	300 SF	Yes	1	0
132	OFFICE	86 SF	150 SF	No	1	1
133	TRAINING KITCHEN	363 SF	50 SF	No	8	8
138	MECHANICAL	301 SF	300 SF	No	2	2
139	WORKROOM	637 SF	100 SF	No	7	7
140	ROBOTICS	1333 SF	100 SF	No	14	14
144	OFFICE	143 SF	150 SF	No	1	1

OCCUPANCY CALCULATIONS

ROOM NUMBER	ROOM NAME	GROSS AREA	AREA PER OCCUPANT	Simultaneously Occupied	OCCUPANT LOAD DESIGN LOAD	OCCUPANT LOAD ACTUAL LOAD
145	OFFICE	192 SF	150 SF	No	2	2
146	OFFICE	131 SF	150 SF	No	1	1
147	CLASSROOM	1041 SF	20 SF	No	53	26
148	CLASSROOM	1024 SF	20 SF	No	52	32
149	STOR.	98 SF	300 SF	Yes	1	0
150	STOR.	83 SF	300 SF	Yes	1	0
151	CLASSROOM	929 SF	20 SF	No	47	20
152	CLASSROOM	949 SF	20 SF	No	48	20
153	STOR.	83 SF	300 SF	Yes	1	0
154	STOR.	98 SF	300 SF	Yes	1	0
155	CLASSROOM	1251 SF	20 SF	No	63	20
156	STOR.	112 SF	300 SF	Yes	1	0
157	OFFICE	110 SF	150 SF	No	1	1
158	OFFICE	114 SF	150 SF	No	1	1
160	OPEN OFFICE	280 SF	50 SF	No	6	6
160A	KITCHENETTE	161 SF	150 SF	No	2	2
161	MULTI-PURPOSE	2682 SF	15 SF	No	180	180
161C	FIRE RISER	23 SF	300 SF	Yes	1	0
162	OHIO UNIVERSITY	2956 SF	100 SF	No	30	30
163	OPEN SPACE	18632 SF	300 SF	No	63	63
163A	OPEN WORKSPACE	6513 SF	100 SF	No	66	66
163B	TRAINING	1964 SF	100 SF	No	20	20
163C	STORAGE	1018 SF	300 SF	Yes	4	0
164	CLASSROOM	939 SF	20 SF	No	47	47
165	CLASSROOM	939 SF	20 SF	No	47	47
166	MECHATRONICS	2854 SF	100 SF	No	29	29
167	OFFICE	177 SF	150 SF	No	2	1
168	OFFICE	176 SF	150 SF	No	2	1
169	STOR.	176 SF	300 SF	Yes	1	0
170	STORAGE	156 SF	300 SF	Yes	1	0
171	FABRICATION	3511 SF	100 SF	No	36	36
172	SEMICONDUCTOR LAB	1567 SF	100 SF	No	16	16
173	VACUUM LAB	710 SF	50 SF	No	15	15
TOTAL					1058	885

CODE DATA KEY

BUILDING CODE UTILIZED: **OBC 2024 w/ OEBC 2024**

000 / 000 — EXIT CAPACITY / ACTUAL LOAD THRU EXIT

101 Name XXXX / XXXX — DESIGN OCCUPANT LOAD PER OBC TABLE 1004.1.2. OR MAXIMUM ANTICIPATED OCCUPANT LOAD / ACTUAL OCCUPANT LOAD - BASED ON ACTUAL OCCUPANTS IN EACH ROOM OR SPACE, USED TO DETERMINE PLUMBING FIXTURE REQUIREMENTS AS PERMITTED IN 2902.1 AND HVAC LOADS AS PERMITTED IN ASHRAE 62.1, TABLE 6-1.

TRAVEL DISTANCE PATH

LIFE SAFTY PLAN SYMBOL KEY

F.E.C. — FIRE EXTINGUISHER CABINET

F.E. — FIRE EXTINGUISHER

EGRESS TRAVEL DISTANCE

PATH	DISTANCE
A	178'-7"
B (COMMON PATH)	63'-5"
C (MOST REMOTE)	215'-7"

PLAN LEGEND

- EXISTING WALL/PARTITION TO REMAIN
- NEW WALL/PARTITION
- NO WORK AREA
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR

1 G001 FIRST FLOOR CODE PLAN

1/16" = 1'-0"

CODE DATA:

BUILDING - 2024 OHIO BUILDING CODE
COMPLIANCE PATH TO FOLLOW 2024 OEBC SECTION 803
MECHANICAL - 2024 OHIO MECHANICAL CODE
ELECTRICAL - 2023 NEC
PLUMBING - 2024 OHIO PLUMBING CODE
FIRE - 2017 OHIO FIRE CODE (2015 IFC)
ACCESSIBILITY - 2009 ANSI A117.1 WITH CH. 11 OF THE OBC

EXISTING BUILDING INFORMATION:

CONSTRUCTRION TYPE:	IIB
FULLY SPRINKLERED:	S1
USE GROUP:	B
ALLOWABLE HEIGHT:	75' (4) STORIES
EXISTING HEIGHT:	19' (1) STORIY
ALLOWABLE AREA:	109,250 SF / FLOOR
EXISTING BUILDING AREA:	72,268 SF
EXISTING EXITS:	8

TENANT / WORK AREA INFORMATION:

OCCUPANCY TYPE:	B
TENANT/WORK AREA:	14,616 SF
OCCUPANCY CALCULATION:	331 OCCUPANTS (DESIGN LOAD)
MEANS OF EGRESS:	0.2 INCHES PER OCCUPANT, 44 INCHES MINIMUM
MAX. COMMON PATH OF EGRESS TRAVEL:	100 FT
MAX. TRAVEL DISTANCE:	300 FT

INTERIOR WALL AND CEILING FINISH REQUIREMENTS [OBC TABLE 803.11]

INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS	CLASS B OR BETTER
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	CLASS B OR BETTER
ROOMS AND ENCLOSED SPACES	CLASS C OR BETTER

PLUMBING FIXTURES REQUIRED: (PER OBC TABLE 2902.1)

WATER CLOSETS:	MEN:	10
	WOMEN:	10
LAVATORIES:	MEN:	7
	WOMEN:	7
SHOWERS:		N/A
DRINKING FOUNTAINS:		9
SERVICE SINKS:		1

PLUMBING FIXTURES PROVIDED:

WATER CLOSETS:	MEN:	9 + 6 URINALS
	WOMEN:	12
LAVATORIES:	MEN:	10
	WOMEN:	10
SHOWERS:		NA
DRINKING FOUNTAINS (D.F.):		2
WATER DISPENSERS (W.D.):		4
SERVICE SINKS:		1

STRUCTURAL DESIGN LOADS

DESIGN LOADS (OBC 2024):

DEFLECTION LIMITS (OBC 2024):

EXTERIOR WALLS:
= L/600 WL - MASONRY
= L/360 WL - RIGID FINISHES
= L/240 WL - NON-RIGID FINISHES

INTERIOR WALLS:
= L/360 LL - RIGID FINISHES
= L/240 LL - NON-RIGID FINISHES

WIND LOAD (ASCE 7-10):
BASIC WIND SPEED (3 SECOND GUST), V = 120 MPH
WIND EXPOSURE C

STATE OF OHIO — REGISTERED ARCHITECT — BROCK L ROSSEL 1215577

BROCK L. ROSSEL, Lic# 1215577
Expiration Date 12/31/2025

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512 PLUM STREET, SUITE 700
CINCINNATI, OH 45202 · 513.651.2112

FAIRFIELD COUNTY WORKFORCE DEVELOPMENT CENTER
INTERIOR ALTERATIONS
4465 COONPATH RD NW, CARROLL, OH 43112

ISSUANCES

	10-18-24	SCHEMATIC DESIGN
	11-22-24	DESIGN DEVELOPMENT
	01-24-25	BID/PERMIT
A	02-28-25	ADDENDUM NO. 1

CODE DATA SHEET

DATE 01-24-25

COMM NO. 2022063.02

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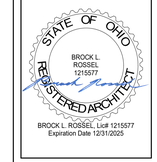
0'-1" REFERENCE LINE



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Expiration Date 12/31/2025

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GENERAL NOTES - DEMOLITION PLAN

A. REPAIR EXISTING SURFACES WHERE DEMOLITION HAS OCCURED FOR NEW CONSTRUCTION. GENERAL TRADES CONTRACTOR SHALL PATCH/REPAIR WALL, FLOOR AND CEILING SURFACES AFFECTED BY DEMOLITION WORK. PATCHING/CUTTING OF EXISTING SURFACES FOR NEW WORK SHALL BE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR PERFORMING THE WORK. ALL REPAIRS SHALL MATCH EXISTING ADJACENT SURFACES IN MATERIAL, FINISH, TEXTURE, ETC. THIS WORK IS TO BE INCLUDED IN BASE BID."

B. UNLESS DIRECTED BY OWNER, ALL MISCELLANEOUS ITEMS ATTACHED TO FLOORS, WALLS, OR CEILINGS ARE TO BE REMOVED THAT INTERFERE WITH INSTALLATION OR ALIGNMENT OF NEW WORK. THIS INCLUDES BUT NOT LIMITED TO: SHELVES, BRACKETS, POSTERS, PAINTINGS, ART OR OTHER DISPLAYS, PROJECTION SCREENS, AND VISUAL DISPLAY BOARDS.

C. OWNER WILL REMOVE ALL LOOSE FURNITURE/APPLIANCES IN ROOMS PRIOR TO THE COMMENCEMENT OF DEMOLITION.

D. AT ALL EXISTING SURFACES SCHEDULED TO RECEIVE A NEW PAINT FINISH REMOVE ANY EXISTING FASTENERS, BRACKETS, ETC. IN WALLS THAT ARE NOT BEING USED AND PATCH TO MATCH EXISTING ADJACENT SURFACES IN MATERIALS, FINISH, TEXTURE, ETC. PATCH CHIPPED PAINT SURFACES ON PLASTER WALLS TO MATCH ADJACENT SURFACE TEXTURE. SAND CHIPPED EDGES ON WOOD AND METAL SURFACES SMOOTH.

E. NOT ALL ROOM MATERIAL/FINISH DEMOLITION INDICATED. WHERE NEW MATERIAL/FINISH IS INDICATED IN ROOM FINISH SCHEDULE, REMOVE EXISTING MATERIALS/FINISH INCLUDING FLOOR AND BASE, ADHESIVES/MASTICS, FLOOR SEALERS AND CURING COMPOUNDS, AND FLOOR PAINT WHETHER OR NOT SHOWN TO BE REMOVED ON DEMOLITION FLOOR PLANS.

F. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL ITEMS TO BE DEMOLISHED.

G. WHERE FLOOR SLABS TO REMAIN ARE DISCONTINUOUS AT WALLS AND PARTITIONS NOTED TO BE REMOVED, REMOVE WALL/PARTITION TO BELOW FLOOR SLAB AND PATCH SLAB THROUGH OPENING.

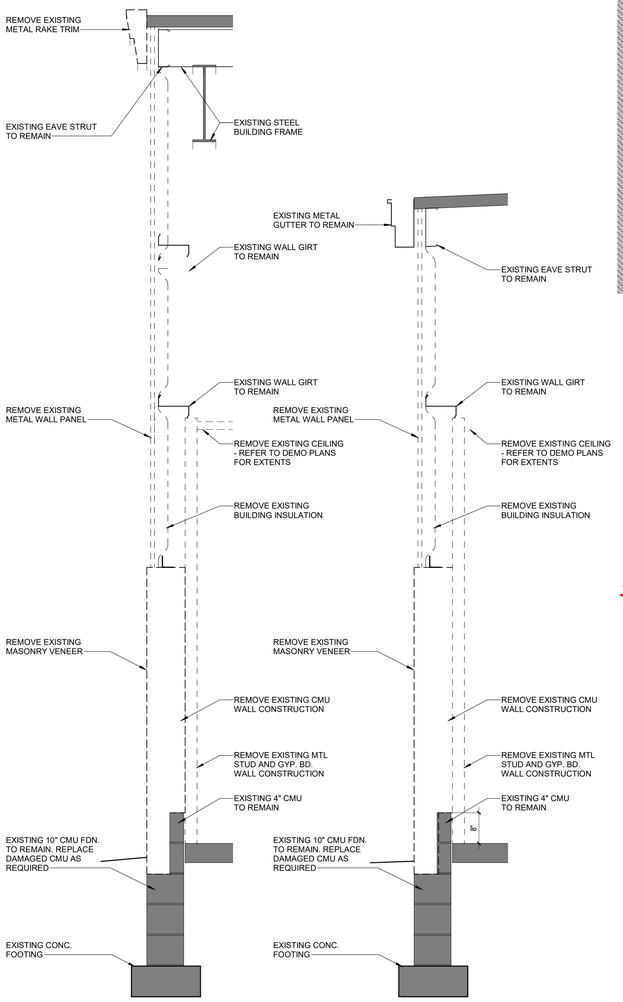
H. WHERE NEW OPENINGS OCCUR WHERE EXISTING WALLS HAVE BEEN REMOVED, FEATHER CEMENT-BASED UNDERLAYMENT AT A DISTANCE OF 8 FEET FROM EACH JAMB TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING FLOOR FINISHES ON EACH SIDE OF THE OPENING. FLOOR SURFACE SHALL BE FLAT WITHIN 3/16" IN 10 FEET IN ACCORDANCE WITH ASTM F710.

DEMOLITION PLAN LEGEND

- NO WORK THIS AREA
- DEMO ALL
- EXISTING WALL/PARTITION TO REMAIN
- REMOVE EXISTING WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- REMOVE EXISTING DOOR (REMOVE EXISTING FRAME ONLY WHERE NOTED)

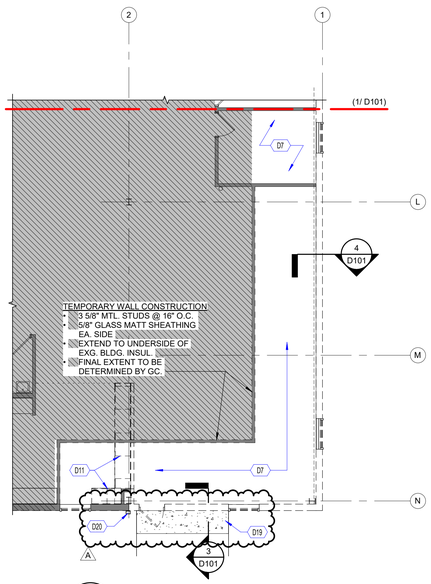
KEY NOTES - DEMOLITION PLANS

D1 REMOVE WALL PARTITION TO EXTENT SHOWN, TYP. (SHOWN DASHED)
D2 REMOVE PARTITION AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING - REFER TO DOOR SCHEDULE FOR EXTENTS
D3 REMOVE DOOR AND FRAME
D4 REMOVE AND REPLACE CONCRETE SLAB AS REQUIRED TO INSTALL NEW PLUMBING FIXTURES - REFER TO PLUMBING DRAWINGS
D5 REMOVE ALL FLOORING IN THE WORK AREA UNLESS NOTED OTHERWISE AND PREP SUBFLOOR TO RECEIVE NEW FLOORING. SEE FINISH PLANS FOR EXTENT OF NEW FLOORING
D6 REMOVE CEILING GRID AND TILE INT THE WORK AREA UNLESS NOTED OTHERWISE. SEE REFLECTED CEILING PLANS FOR NEW CEILINGS
D7 REMOVE EXISTING CEILING AS REQUIRED TO ISTALL NEW EXTERIOR WALL CONSTRUCTION. PROTECT EXISTING FLOORING.
D8 REMOVE PLUMBING FIXTURES - REFER TO PLUMBING DRAWINGS
D9 REMOVE EXISTING STEEL ENTRY DOOR CANOPY AND DOWNSPOUT TO BELOW TOP OF SLAB. PATCH AND REPAIR CONCRETE SLAB TO MATCH EXISTING.
D10 REMOVE PORTION OF EXISTING WALL AS REQUIRED TO CREATE NEW WALL OPENING
D11 REMOVE ISLAND WALL CONSTRUCTION AND CASEWORK. PATCH AND REPAIR FLOOR TO MATCH EXISTING
D16 REMOVED SLOPED CONCRETE SLAB AT SHOWER AND INFILL WITH CONCRTE SLAB TO MATCH EXISTING ADJACENT SLAB
D17 REMOVE FLOOR TILE, TILE BASE, WALL TILE, AND ALL TOILET ROOM ACCESSORIES. TURN TOILET ROOM ACCESSORIES OVER TO OWNER. PATCH, REPAIR, AND PREPARE FLOORS, WALLS, AND CEILINGS TO RECIEVE NEW FINISHES. SEE MEP DRAWINGS FOR ADDITIONAL SCOPE RELATED TO THESE TRADES.
D18 ALTERNATE NO. 1: REMOVE FLOOR TILE, TILE BASE, AND ALL TOILET ROOM ACCESSORIES. TURN TOILET ROOM ACCESSORIES OVER TO OWNER. PATCH, REPAIR, AND PREPARE FLOORS, WALLS, AND CEILINGS TO RECIEVE NEW FINISHES. SEE MEP DRAWINGS FOR ADDITIONAL SCOPE RELATED TO THESE TRADES.
D19 REMOVE AND REINSTAL CONC. PAVING AS REQUIRED FOR INSTALLATION OF NEW FACADE.
D20 REMOVE EXISTING DOWNSPOUT - PROTECT CONNECTION TO STORM LINE FOR NEW DOWNSPOUT CONNECTION

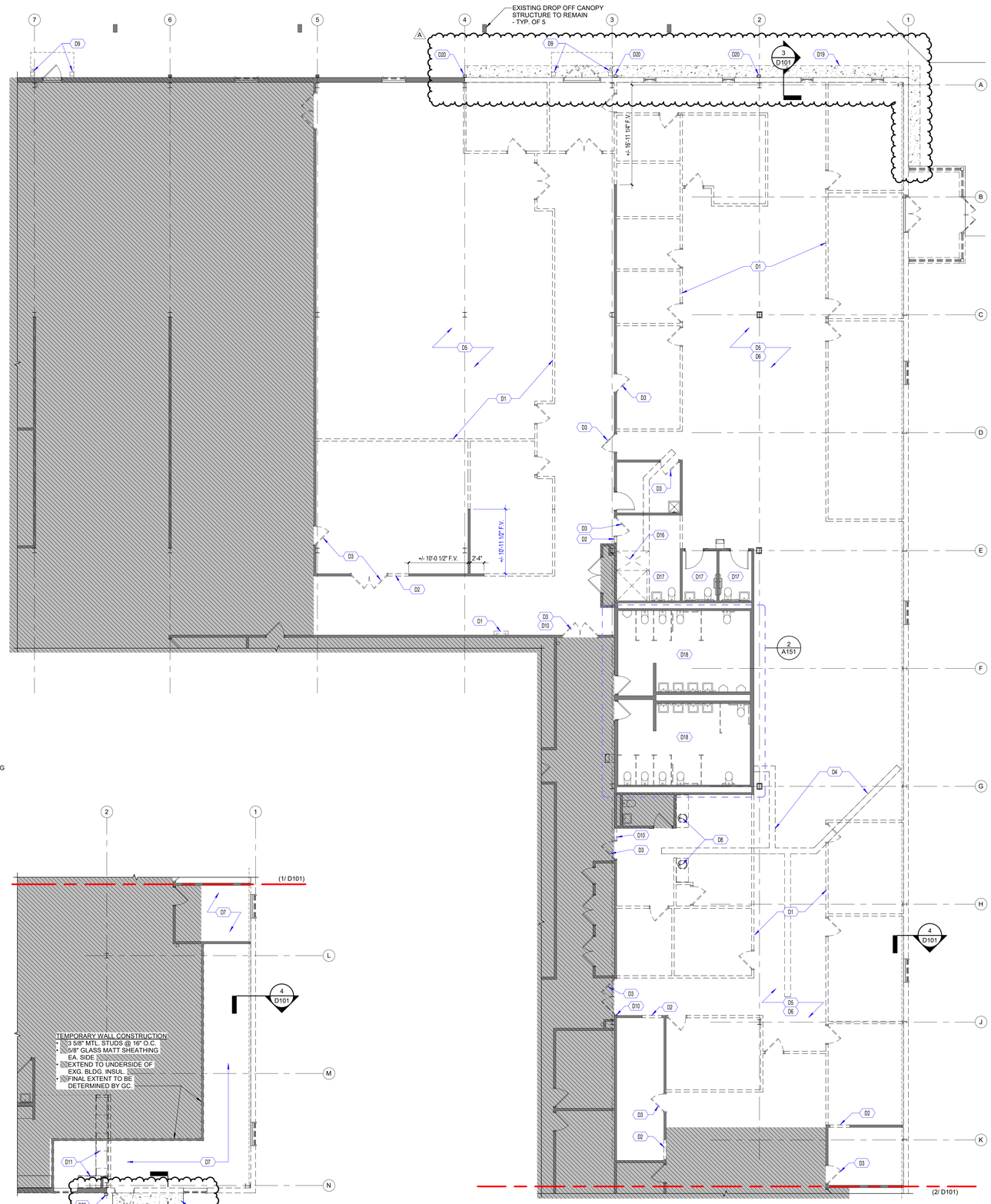


4 D101 DEMO WALL SECTION 3/4" = 1'-0"

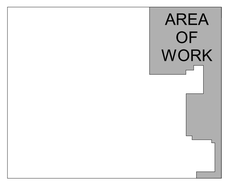
3 D101 DEMO WALL SECTION 3/4" = 1'-0"



2 D101 FIRST FLOOR DEMO PLAN 1/8" = 1'-0"



1 D101 FIRST FLOOR DEMO PLAN 1/8" = 1'-0"



KEY PLAN NTS

ISSUANCES		
	11-22-24	DESIGN DEVELOPMENT
	01-24-25	BID/PERMIT
A	02-28-25	ADDENDUM NO. 1

FIRST FLOOR DEMO PLAN

DATE 01-24-25

COMM NO. 2022063.02

D101

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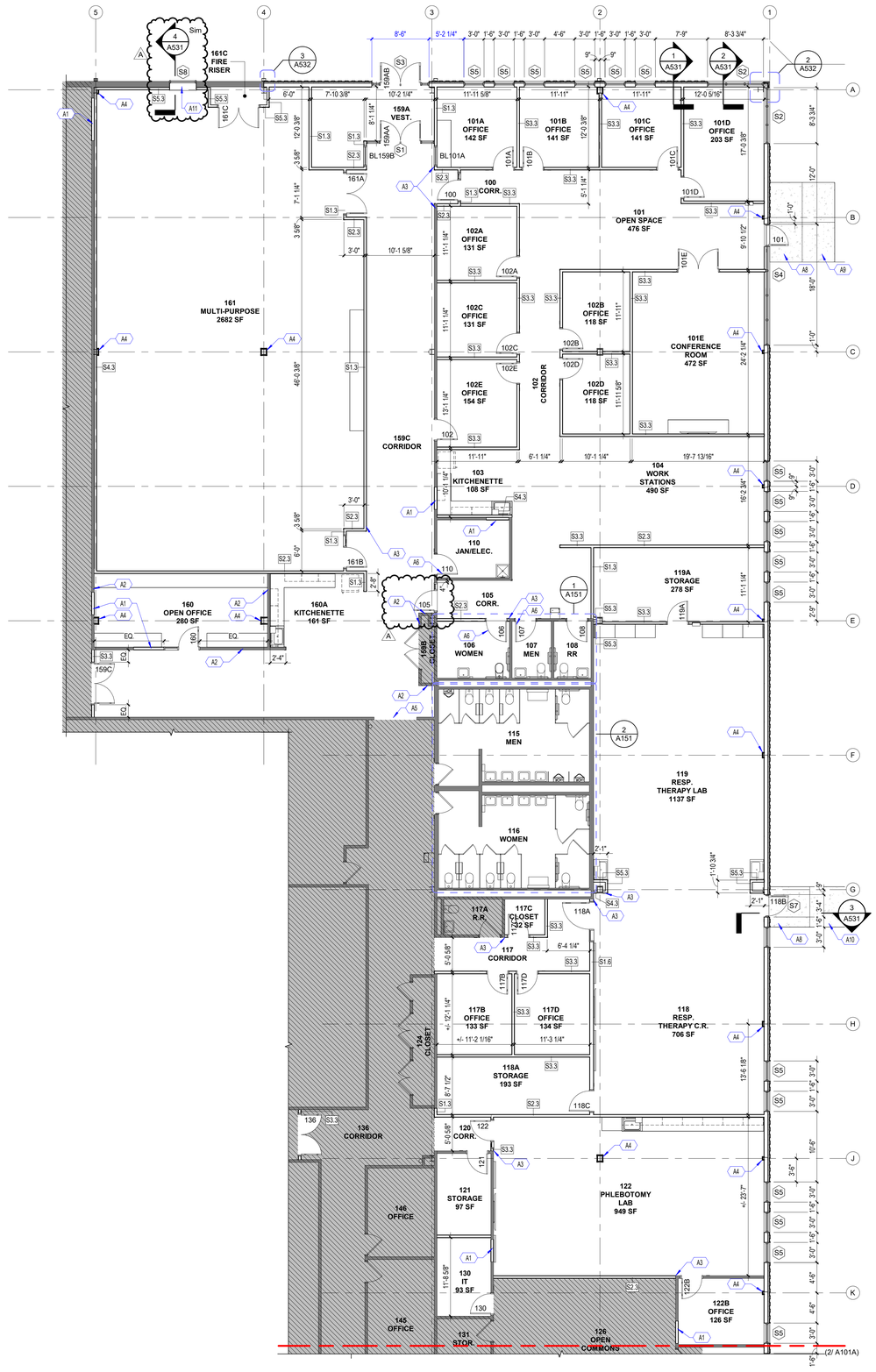
0'-1" REFERENCE LINE

GENERAL NOTES - FLOOR PLAN

A. ALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF STUD, OR FACE OF EXISTING FINISH UNLESS NOTED OTHERWISE.
B. ALL PARTITIONS TYPE S1 UNLESS NOTED OTHERWISE.
C. PROVIDE CONTROL JOINTS AT 30 FEET ON CENTER FOR UNINTERRUPTED SURFACES AND REQUEST SPECIFIC LOCATIONS FROM ARCHITECT BEFORE STARTING FRAMING
D. REFER TO STRUCTURAL DRAWINGS FOR COLD FORMED METAL FRAMING REQUIREMENTS AT ALL FRAMED OPENINGS.
E. REGRADE AND RESEED ALL LAWN AREAS DISTURBED BY CONSTRUCTION ACTIVITIES. PROVIDE ROUTINE MAINTENANCE UNTILL LAWN HAS BEEN ESTABLISHED.

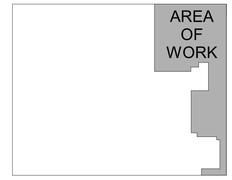
KEY NOTES - FLOOR PLANS

A1 INFILL WALL TO MATCH EXISTING
A2 EXTEND LGMF WALL FRAMING @ 16" O.C. TO STRUCTURE ABOVE AND EXTEND GYP. BD TO 10'-0" A.F.F TO ACCOMODATE NEW CEILING.
A3 ALIGN NEW WALL WITH FACE OF EXISTING WALL
A4 PROVIDE TYPE S10.7 WALL ENCLOSURE AROUND EXISTING STEEL STRUCTURE
A5 NEW 8'-0" H WALL OPENING
A6 REFER TO EXISTING DOOR AND FRAME SCHEDULE FOR WORK AT THIS OPENING
A7 REMOVE TEMPORARY WALL CONSTRUCTION. PATCH AND REPAIR EXISTING FLOOR AND WALL FINISHES AS REQUIRED. COORDINATE REMOVAL WITH OWNER.
A8 6" X 6" FROST STOOP
A9 NEW 4" CONC. SLAB ON GRADE ALIGN WITH EXISTING CONC. WALK
A10 NEW 6' WIDE 4" CONC. WALK. CONNECT TO EXISTING CONC. WALK
A11 PROVIDE NEW SOLID SURFACE SILL. INSTALL HEAD AND JAMB FRAMING AS REQUIRED TO RETURN GYP. BD, FINISH TO THE NEW STOREFRONT



2 A101A FIRST FLOOR PLAN
1/8" = 1'-0"

1 A101A FIRST FLOOR PLAN
1/8" = 1'-0"



KEY PLAN
NTS

0'-1" REFERENCE LINE

STATE OF OHIO
BROCK L ROSSEL
1215577
REGISTERED ARCHITECT
BROCK L. ROSSEL, Lic# 1215577
Expiration Date 12/31/2025

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312 PLUM STREET, SUITE 700
CINCINNATI, OH 45202 513.381.2112

FAIRFIELD COUNTY WORKFORCE DEVELOPMENT CENTER
INTERIOR ALTERATIONS
4465 COONPATH RD NW, CARROLL, OH 43112

ISSUANCES

	10-16-24	SCHEMATIC DESIGN
	11-22-24	DESIGN DEVELOPMENT
	01-24-25	BID/PERMIT
A	02-28-25	ADDENDUM NO. 1

FIRST FLOOR PLAN

DATE 01-24-25
COMM NO. 2022063.02

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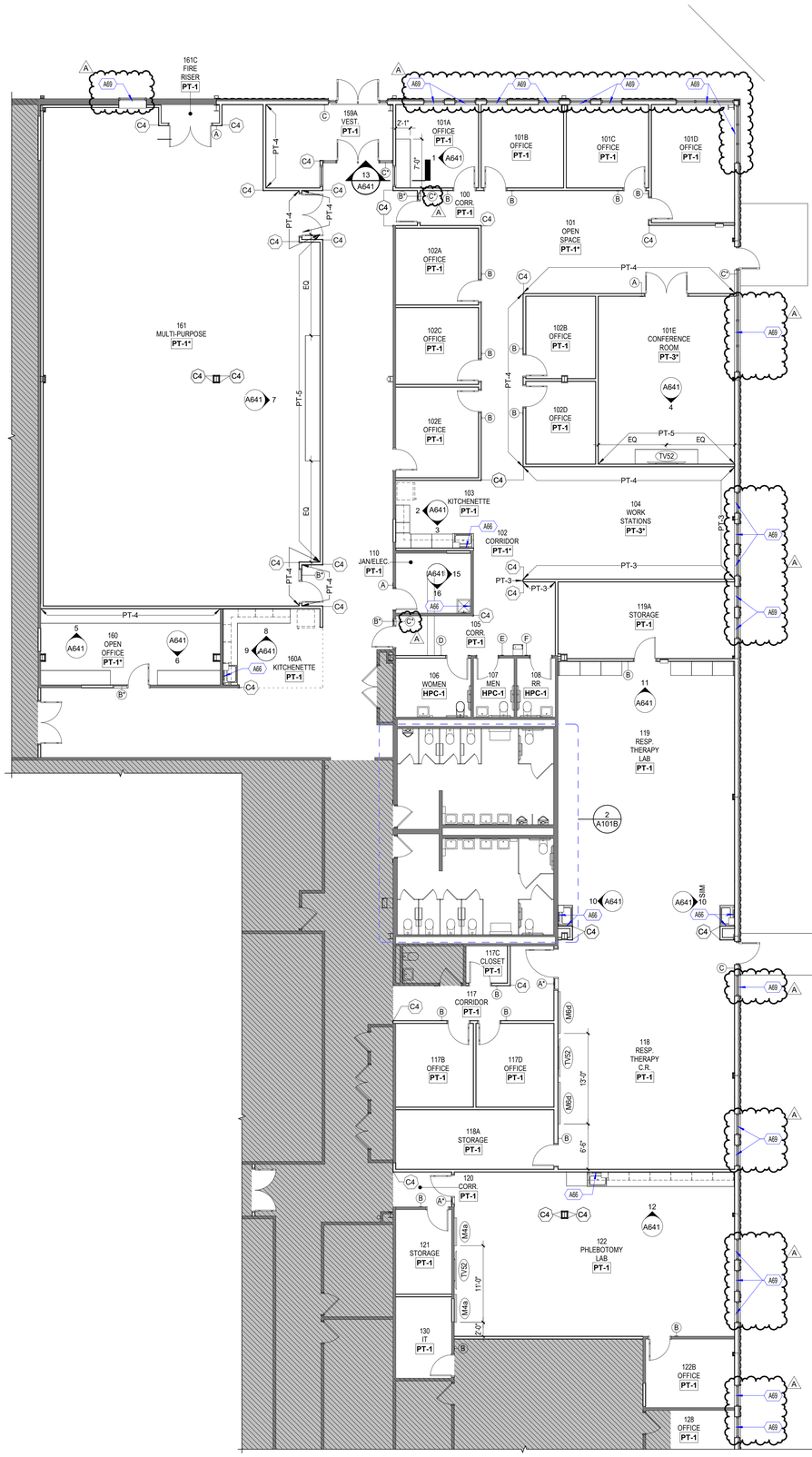
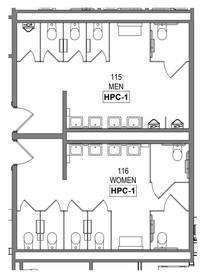
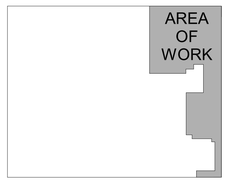


1 A101B FIRST FLOOR PLAN INTERIOR
1/8" = 1'-0"



2 A101B ALTERNATE NO.1
1/8" = 1'-0"



KEY PLAN
NTS

"0'-1" REFERENCE LINE"

FINISH LISTING - PAINT

PT-1	TO MATCH SHERWIN WILLIAMS EXTRA WHITE (SW7006)
PT-2	TO MATCH EXISTING DOOR FRAMES
PT-3	TO MATCH SHERWIN WILLIAMS ONLINE (SW7072)
PT-4	TO MATCH SHERWIN WILLIAMS SMOKY AZURITE (SW9148)
PT-5	TO MATCH SHERWIN WILLIAMS ENDLESS SEA (SW9150)

FINISH LISTING - HIGH PERFORMANCE COATING

HPC-1	TO MATCH SHERWIN WILLIAMS EXTRA WHITE (SW7006)

GENERAL NOTES - PAINTING

A. PAINT CONTRACTOR TO HAVE PRE-PAINT WALKTHROUGH WITH DESIGNER PRIOR TO PAINTING.
B. ROOMS WHERE THE PAINT FINISH IS LISTED AS "-" SHOULD NOT BE PAINTED.
C. SEE REFLECTED CEILING PLANS FOR CEILING, SOFFIT, AND STRUCTURE PAINT COLORS.
D. ALL INTERIOR, EXPOSED COLUMNS TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE.
E. PAINT WINDOW JAMBS TO MATCH ADJACENT WALL COLOR - WRAP ACCENT PAINT.
F. PAINT RETURN AIR WALL GRILLES TO MATCH ADJACENT WALL COLOR.
G. ALL SIDES OF NEW PARTITION WALLS TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE.

WALL PAINT FINISH LEGEND

ROOM NUMBER → 101
PAINT FINISH → PT-1*
ASTERISK INDICATES ACCENT PAINT WITHIN ROOM - SEE PLAN FOR LOCATION

CORNER GUARD LEGEND:

C=CORNER GUARD — C* — * = FULL HEIGHT OF WALL, # = PARTIAL HEIGHT IN FEET

GENERAL NOTES - DISPLAY BOARDS

A. SEE PLANS FOR BOARD LOCATIONS/DIMENSIONS - IF A BOARD IS NOT DIMENSIONED IT SHOULD BE CENTERED ON THE WALL.

KEY NOTES - FLOOR PLANS

A66 WALL PROTECTION, WP-1 - SEE ELEVATIONS FOR DIMENSIONS
A69 MANUAL ROLLER SHADE ON WINDOW

STATE OF OHIO
BROCK L ROSSEL 1215577
REGISTERED ARCHITECT
BROCK L. ROSSEL, Lic# 1215577
Expiration Date 12/31/2025

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CINCINNATI, OH 45202 · 513.651.2112

FAIRFIELD COUNTY WORKFORCE DEVELOPMENT CENTER
INTERIOR ALTERATIONS
4465 COONPATH RD NW, CARROLL, OH 43112

ISSUANCES

	10-16-24	SCHEMATIC DESIGN
	11-22-24	DESIGN DEVELOPMENT
	01-24-25	BID/PERMIT
A	02-28-25	ADDENDUM NO. 1

FIRST FLOOR PLAN INTERIOR

DATE 01-24-25
COMM NO. 2022063.02

A101B

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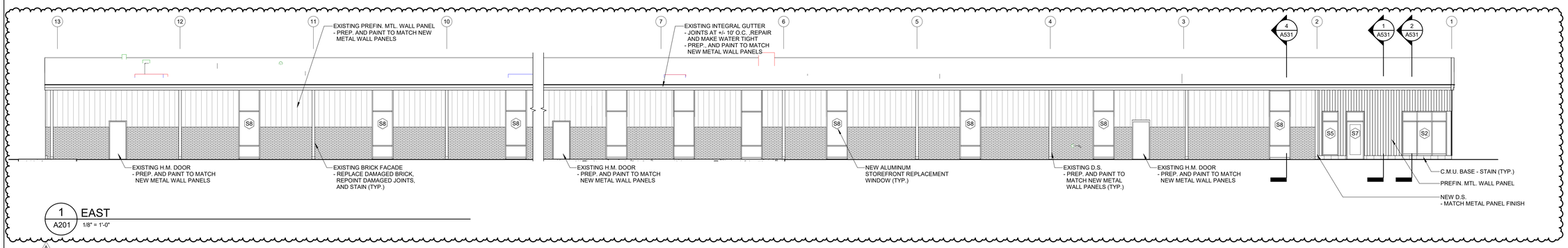
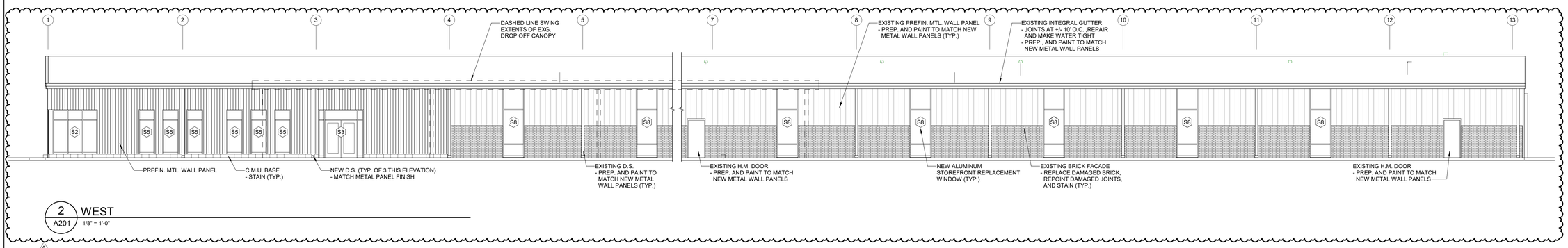
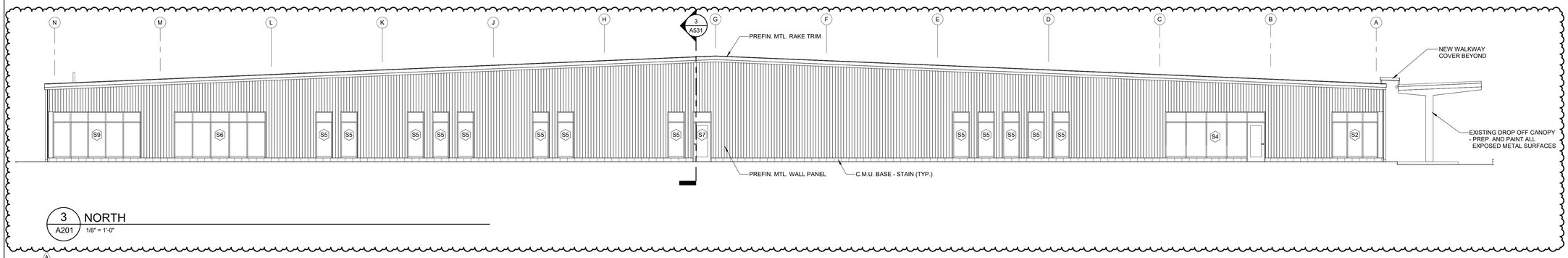


1 EAST
A201 1/8" = 1'-0"



2 WEST
A201 1/8" = 1'-0"



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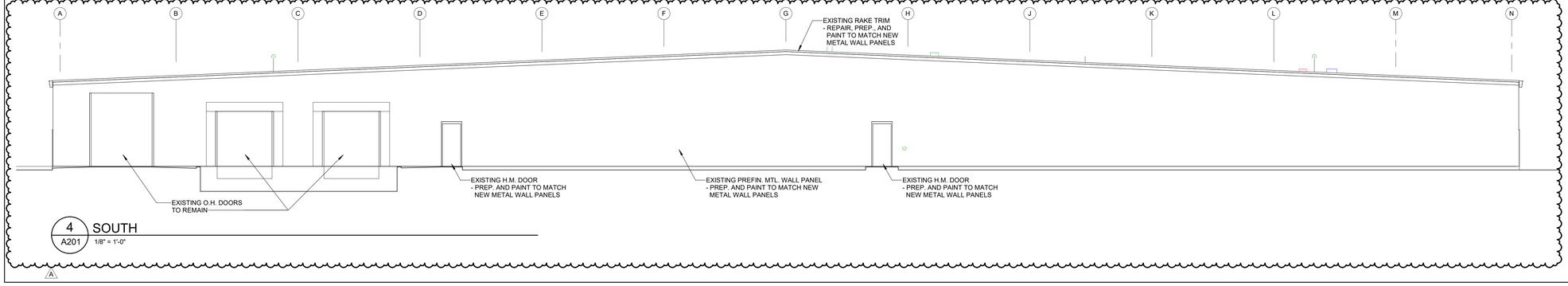
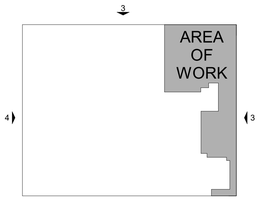
A201 1/8" = 1'-0"



4 SOUTH
A201 1/8" = 1'-0"



KEY PLAN
NTS

0'-1" REFERENCE LINE

STATE OF OHIO
REGISTERED ARCHITECT
BROCK L ROSSEL
1215577

BROCK L. ROSSEL, Lic# 1215577
Expiration Date 12/31/2025

SHP
312 PLUM STREET, SUITE 700
CINCINNATI, OH 45202 · 513.381.2112

FAIRFIELD COUNTY WORKFORCE DEVELOPMENT CENTER

INTERIOR ALTERATIONS

4465 COONPATH RD NW, CARROLL, OH 43112

ISSUANCES

	11-22-24	DESIGN DEVELOPMENT
	01-24-25	BID/PERMIT
A	02-28-25	ADDENDUM NO. 1

EXTERIOR ELEVATIONS

DATE 01-24-25

COMM NO. 2022063.02

A201

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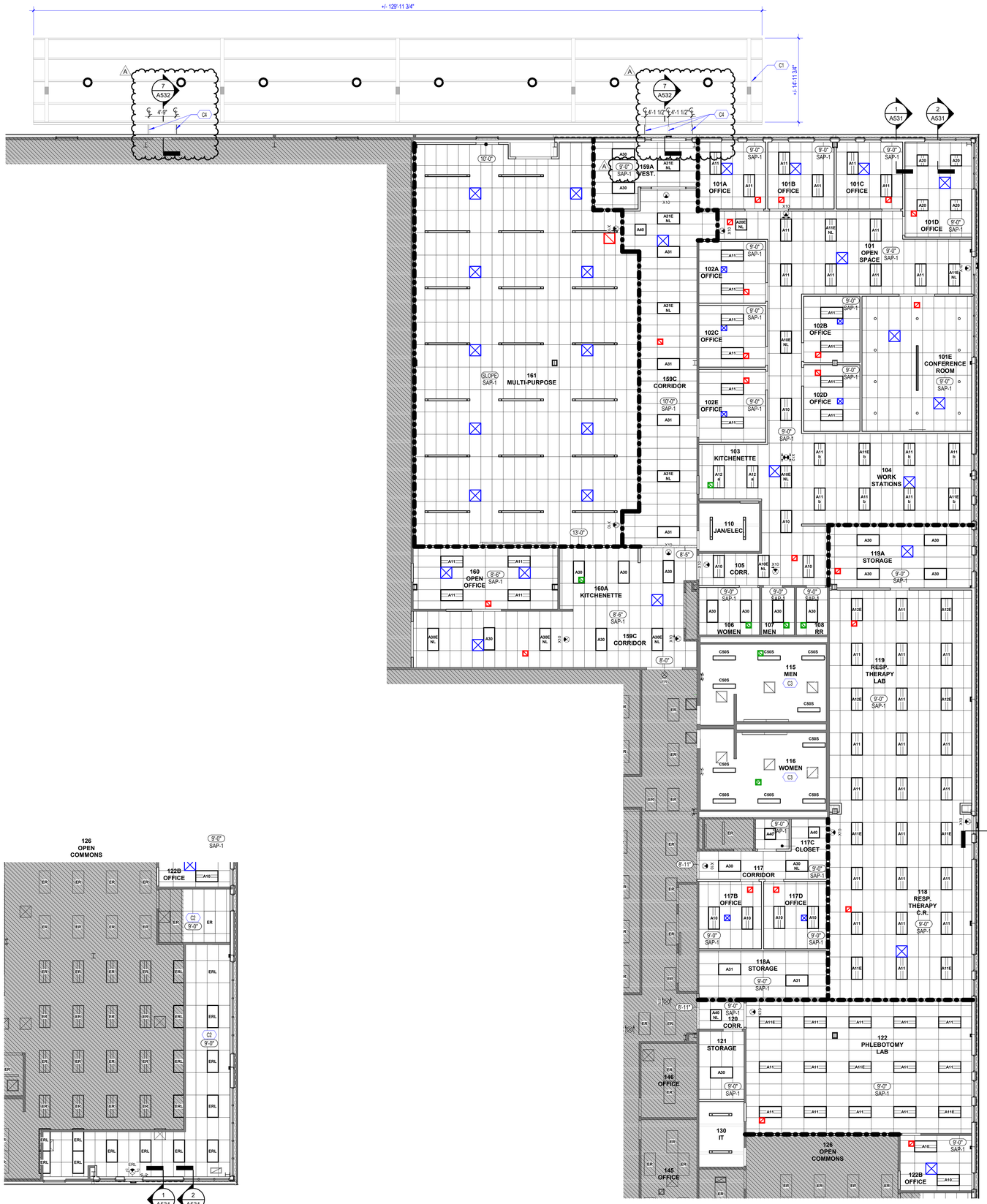


FINISH LISTING - PAINT

PT-1	TO MATCH SHERWIN WILLIAMS EXTRA WHITE (SW7006)
PT-2	TO MATCH EXISTING DOOR FRAMES
PT-3	TO MATCH SHERWIN WILLIAMS ONLINE (SW7072)
PT-4	TO MATCH SHERWIN WILLIAMS SMOKY AZURITE (SW9148)
PT-5	TO MATCH SHERWIN WILLIAMS ENDLESS SEA (SW9150)

FINISH LISTING - HIGH PERFORMANCE COATING

HPC-1	TO MATCH SHERWIN WILLIAMS EXTRA WHITE (SW7006)

GENERAL NOTES - REFLECTED CEILING PLAN

A. ALL EXPOSED CEILING STRUCTURE, DECK, VAPOR BARRIER, DUCTWORK, CONDUIT, HANGERS, ETC. TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE.

B. PAINT ALL GYP BD SOFFITS PT-1 UNLESS NOTED OTHERWISE.

C. ALL EXPOSED INTERIOR STEEL (LINTELS, ETC) TO BE PAINTED TO MATCH ADJACENT WALL SURFACE UNLESS NOTED OTHERWISE. ALL EXTERIOR STEEL (LINTELS, ETC) TO BE PAINTED TO MATCH METAL WALL PANELS UNLESS NOTED OTHERWISE.

D. PATCH AND REPAIR ALL EXISTING VAPOR BARRIER WITHIN THE AREA OF WORK PRIOR TO CEILING INSTALLATION.

KEY NOTES - REFLECTED CEILING PLANS

C1 EXISTING DROP OFF CANOPY - PREP AND PAINT STEEL STRUCTURE, MTL. ROOF DECK, GUTTERS, DOWNSPOUTS AND METAL FASCIA/TRIM. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL SCOPE.

C2 REINSTALL SUSPENDED ACOUSTIC CEILING TO MATCH EXISTING. SEE MEP DRAWINGS FOR ADDITIONAL SCOPE RELATED TO THESE TRADES.

C3 ALTERNATE NO. 1: EXISTING GYP. BD. CEILING TO REMAIN. PATCH, REPAIR, AND PAINT. HPC-1

C4 STEEL STRUCTURE FOR NEW WALKWAY COVER ABOVE

CEILING LEGEND

CEMENT PLASTER — SAP 24x24

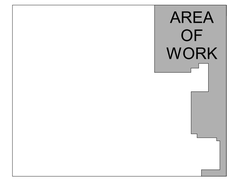
GYP — SAP 24x48

WALL EXTENDS TO STRUCTURE ABOVE

ABBREVIATIONS:
SAP SUSPENDED ACOUSTICAL PANEL

2 / A401 FIRST FLOOR REFLECTED CEILING PLAN Copy 1
1/8" = 1'-0"

1 / A401 FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



KEY PLAN
NTS

'0'-1" REFERENCE LINE

STATE OF OHIO
BROCK L ROSSEL 1215577
REGISTERED ARCHITECT
BROCK L. ROSSEL, Lic# 1215577
Expiration Date 12/31/2025

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512 PLUM STREET, SUITE 700
CINCINNATI, OH 45202 · 513.381.2112

FAIRFIELD COUNTY WORKFORCE DEVELOPMENT CENTER
INTERIOR ALTERATIONS
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ISSUANCES		
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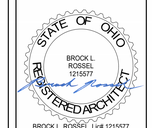
	11-22-24	DESIGN DEVELOPMENT
	01-24-25	BID/PERMIT
A	02-28-25	ADDENDUM NO. 1

FIRST FLOOR REFLECTED CEILING PLAN

DATE 01-24-25
COMM NO. 2022063.02

A401



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FAIRFIELD COUNTY WORKFORCE DEVELOPMENT CENTER
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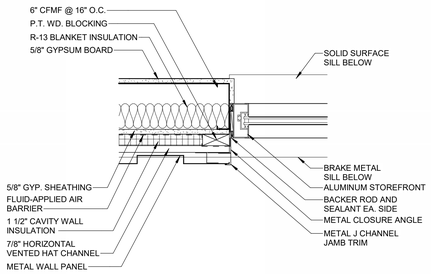
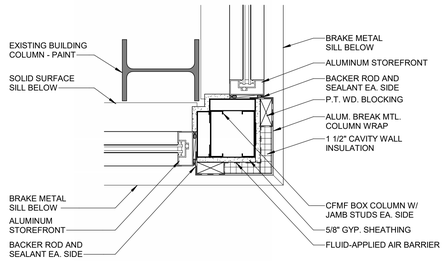
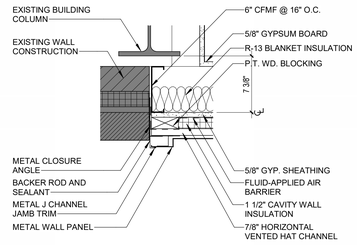


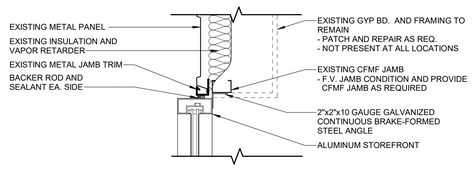
1 A532 — JAMB DETAIL
1 1/2" = 1'-0"



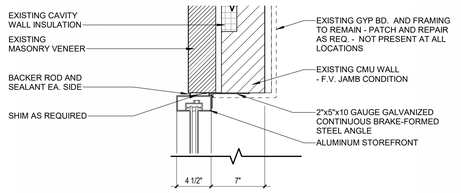
2 A532 — JAMB DETAIL
1 1/2" = 1'-0"



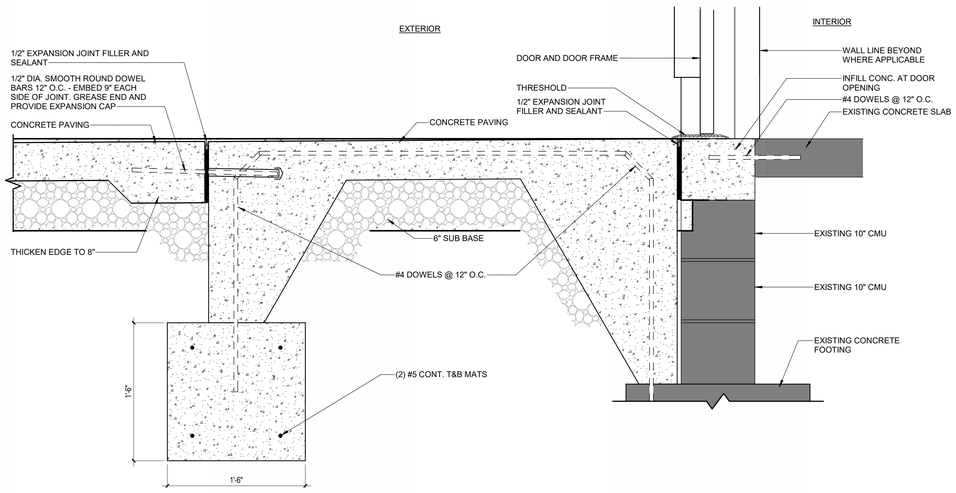
3 A532 — PLAN DETAIL
1 1/2" = 1'-0"



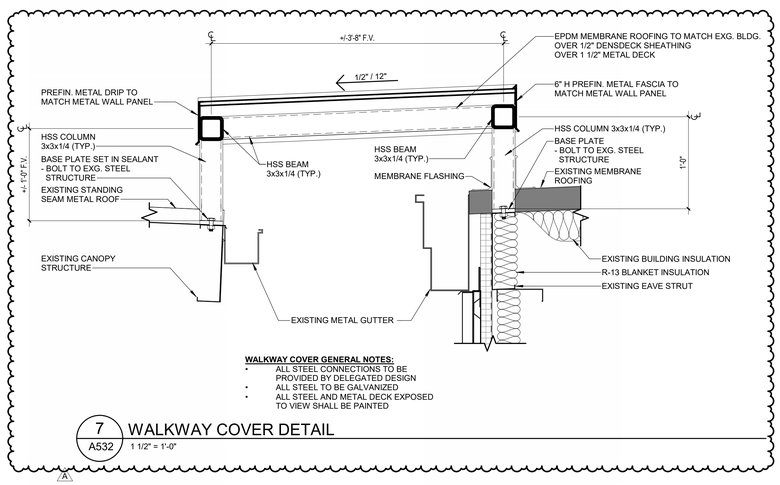
4 A532 — JAMB DETAIL
1 1/2" = 1'-0"



5 A532 — JAMB DETAIL
1 1/2" = 1'-0"



6 A532 — STOOP DETAIL
1 1/2" = 1'-0"



7 A532 — WALKWAY COVER DETAIL
1 1/2" = 1'-0"

A

ISSUANCES

	01-24-25	BID/PERMIT
A	02-28-25	ADDENDUM NO. 1

DETAILS

DATE 01-24-25

COMM NO. 2022063.02

A532

0'-1" REFERENCE LINE

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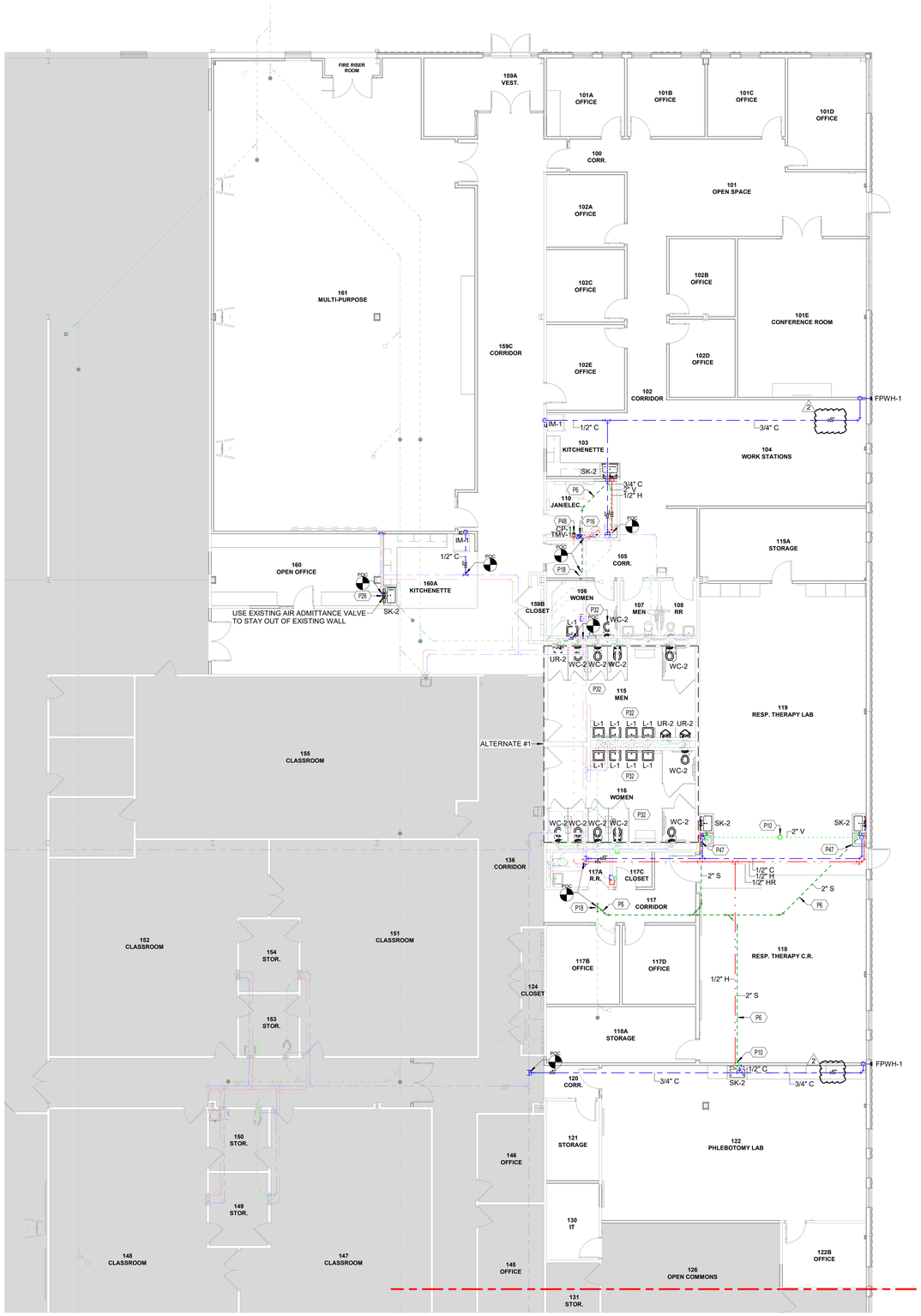

1 P200 FIRST FLOOR PLUMBING PLAN
1/8" = 1'-0"

DRAWING NOTES

1. CONTRACTOR SHALL FIELD VERIFY EXISTING LOCATION AND DEPTHS OF UNDERGROUND SANITARY WASTE PIPING AND NOTIFY ENGINEER OF FINDINGS. REFER TO VIEW 1/P200 FOR BASIS OF DESIGN CONNECTION LOCATION TO THE EXISTING SANITARY WASTE SYSTEM.

KEYNOTES

P6	EXISTING FLOOR TO BE SAW CUT FOR INSTALLATION OF NEW SANITARY WASTE PIPING. PATCH FLOOR TO MATCH EXISTING CONDITIONS PER DETAIL 8/P000.
P10	3" VENT THRU ROOF. REFER TO DETAIL 3/P000.
P16	INSTALL 110 DEG F, 1/2" CIRCUIT SOLVER BALANCING VALVE IN NOTED LOCATION.
P18	CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF EXISTING SANITARY PIPE.
P26	INSTALL AIR ADMITTANCE VALVE FOR REMOTE SINK VENT ON EXISTING TO REMAIN WALL.
P32	ALTERNATE #1: NEW FIXTURE SHALL BE MOUNTED ON EXISTING CARRIER. RECONNECT SUPPLY AND WASTE PIPING USING NEW TRIM.
P47	COORDINATE EXACT ROUTING OF NEW UNDERGROUND SANITARY WASTE PIPING WITH EXISTING FOUNDATIONS FOOTING.
P48	INSTALL NEW CIRCULATION PUMP (CP-1) AND HOT WATER EXPANSION TANK (HWET-1) AT EXISTING WATER HEATER LOCATION. REFER TO SCHEMATIC VIEW 5/P000 FOR ADDITIONAL ACCESSORIES TO BE INSTALLED.

STATE OF OHIO
RONALD B. COBB
E-73942
REGISTERED
PROFESSIONAL ENGINEER

SHP
312 PLUM STREET, SUITE 700
CINCINNATI, OH 45202 513.651.2112

FAIRFIELD COUNTY WORKFORCE DEVELOPMENT CENTER
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4465 COONPATH RD NW, CARROLL, OH 43112

ISSUANCES

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	01-24-25	BID/PERMIT
2	03-04-25	ADDENDUM 1

PLUMBING FIRST FLOOR PLAN

COMM NO. 2022063.02

P200

0'-1" REFERENCE LINE

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FAIRFIELD COUNTY WORKFORCE DEVELOPMENT CENTER

INTERIOR ALTERATIONS

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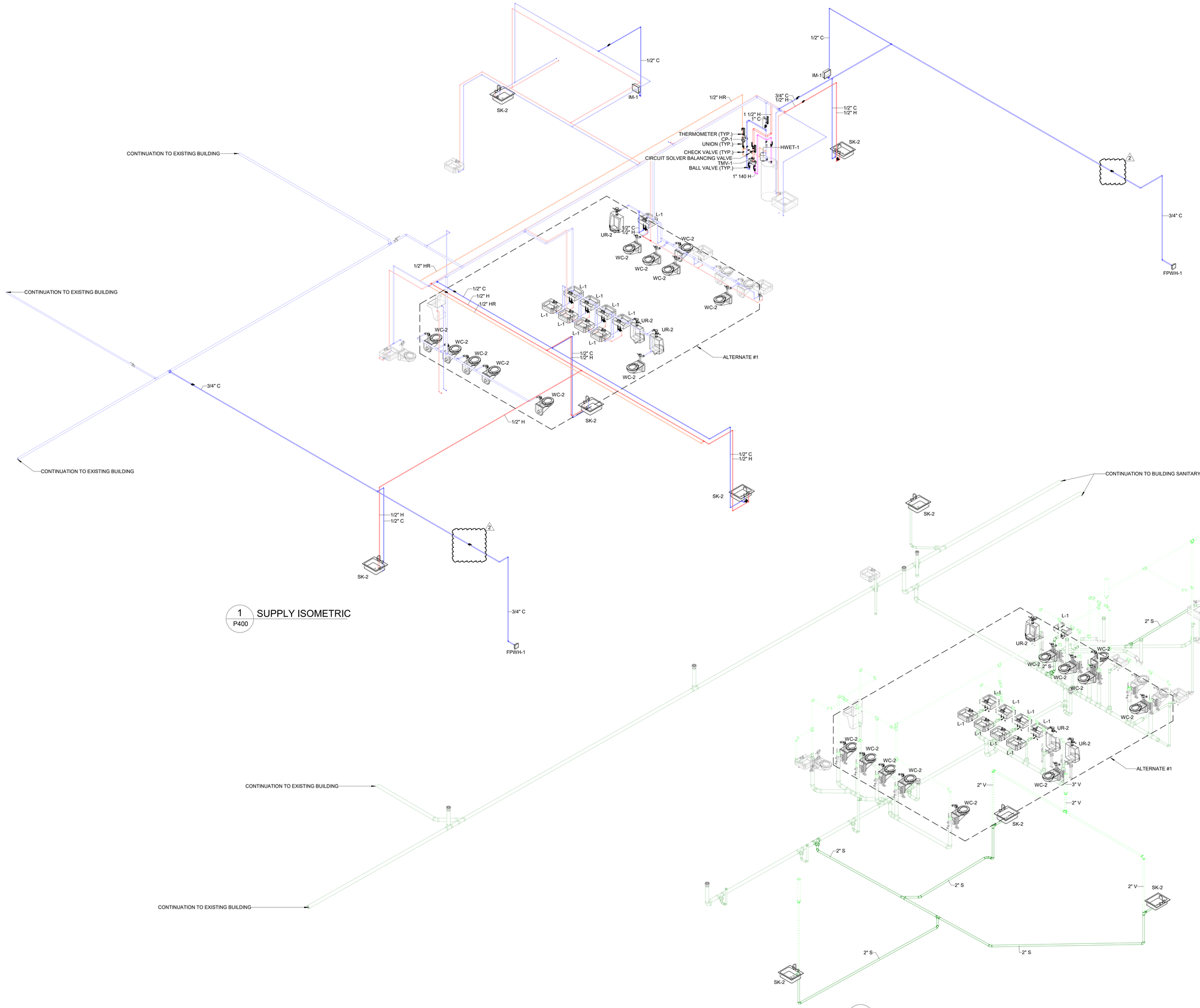

1 P400 SUPPLY ISOMETRIC

2 P400 WASTE AND VENT ISOMETRIC

ISSUANCES

	01-24-25	BID/PERMIT
2	03-04-25	ADDENDUM 1

PLUMBING ISOMETRICS

COMM NO. 2022063.02

P400

0'-1" REFERENCE LINE

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GENERAL POWER NOTES:

A. REFER TO E000 SERIES SHEETS FOR PANEL AND CIRCUIT NUMBERS FOR MECHANICAL AND PLUMBING EQUIPMENT.

B. REFER TO E000 SERIES SHEETS FOR STARTER AND DISCONNECT TYPES AND CONTRACTOR RESPONSIBILITIES. STARTER AND DISCONNECT LOCATIONS TO BE NEAR EQUIPMENT WITH PROPER CLEARANCE AND WORKING SPACE PER NEC. COORDINATE MOUNTING WITH OTHER DISCIPLINES.

C. EC SHALL BE RESPONSIBLE TO INSTALL A SWITCH BOX AND 3/4" CONDUIT TO ABOVE THE ACCESSIBLE CEILING IN EACH ROOM FOR TEMPERATURE CONTROL THERMOSTAT. DEVICES SHOWN ON ELECTRICAL DRAWINGS ARE FOR REFERENCE ONLY. REFER TO THE M SERIES DRAWINGS FOR THERMOSTAT LOCATIONS.

D. EC SHALL BE RESPONSIBLE FOR TECHNOLOGY ROUGH-IN LOCATIONS. REFER TO [T-SERIES DRAWINGS AND] SPECIFICATIONS FOR REQUIREMENTS.

E. ALL 15A AND 20A, 125V AND 250V, NON-LOCKING TYPE RECEPTACLES IN LOCATIONS AS REQUIRED BY NEC 406.12 SHALL BE TAMPER-RESISTANT RECEPTACLES.

F. COORDINATE ALL ELECTRICAL REQUIREMENTS, INCLUDING ROUGH-IN LOCATION, CONNECTION TYPE, AND POWER REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.

G. PRIOR TO DEVICE ROUGH-IN, REFER TO E000 SERIES SHEETS FOR DEVICE LEGENDS AND SPECIALTY INFORMATION.

H. PRIOR TO DEVICE ROUGH-IN, REFER TO E500 SERIES SHEETS FOR SPECIALTY MOUNTING DETAILS.

I. CEILING MOUNTED TECHNOLOGY DEVICES SHALL BE MOUNTED AT THE SAME ELEVATION AS ADJACENT LIGHT FIXTURES. PROVIDE HARDWARE AS NECESSARY FOR PENDANT TYPE INSTALLATION.

J. WHERE (2) CONDUIT SLEEVES ARE SHOWN INTO ENCLOSED SPACES, ONE OF THE SLEEVES SHALL BE DEDICATED FOR TECHNOLOGY NEEDS ONLY.

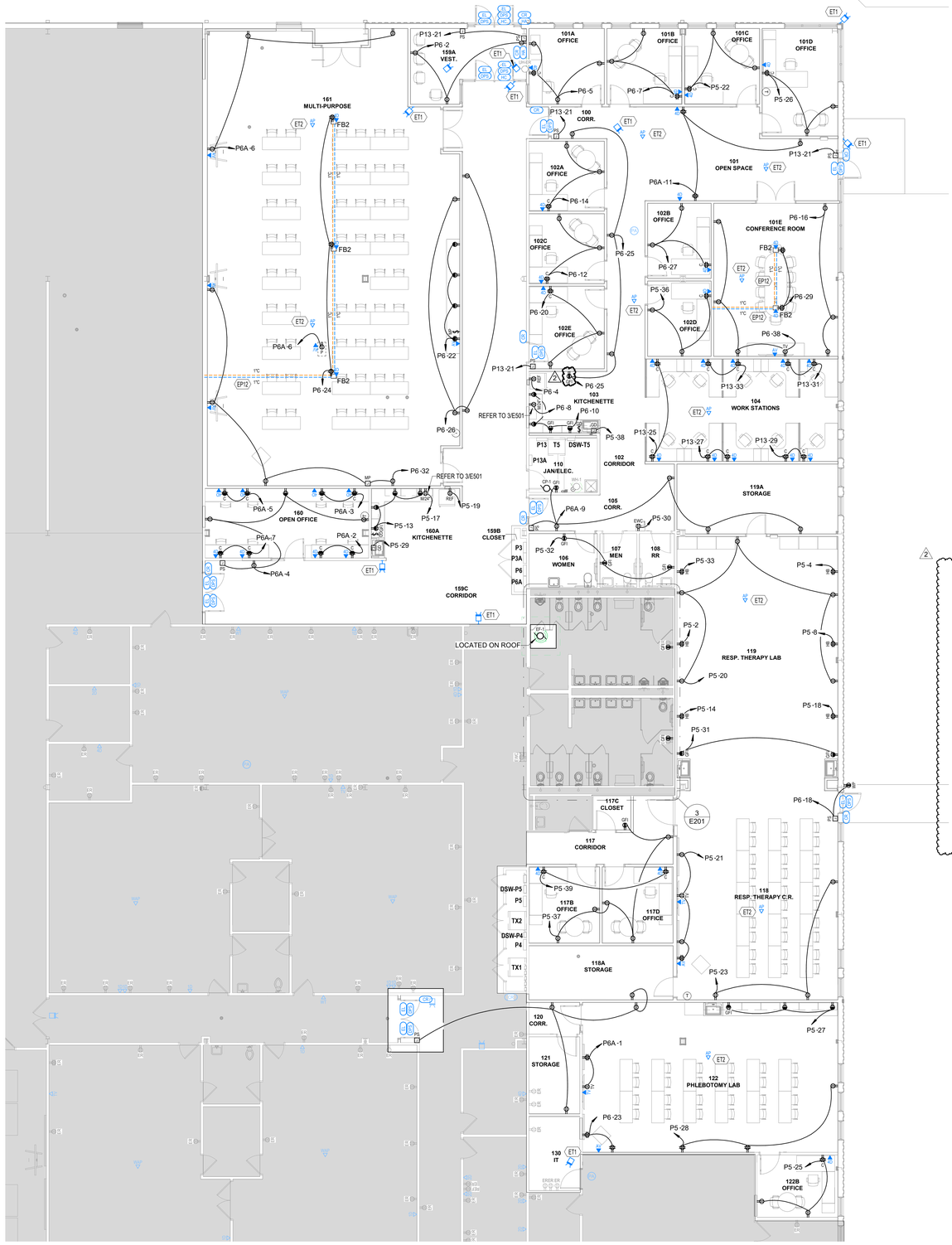
KEYNOTES

EP12 PROVIDE CONDUIT UNDER SLAB FROM ABOVE FINISHED CEILING FOR POWER AND TECHNOLOGY DEVICES. CONDUIT SIZE AND QUANTITY AS NOTED ON PLANS.

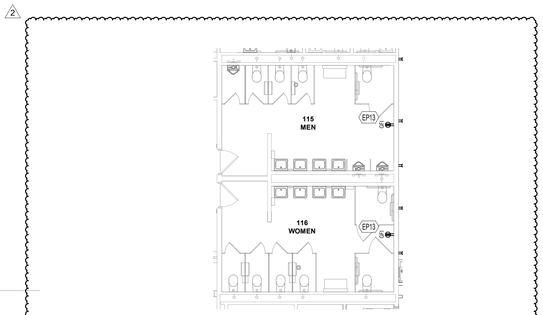
EP13 CONNECT TO CIRCUIT MADE AVAILABLE THROUGH DEMOLITION. COORDINATE EXACT REQUIREMENTS IN FIELD.

ET1 COORDINATE EXACT LOCATION OF RELOCATED CAMERA WITH OWNER PRIOR TO ROUGH-IN.

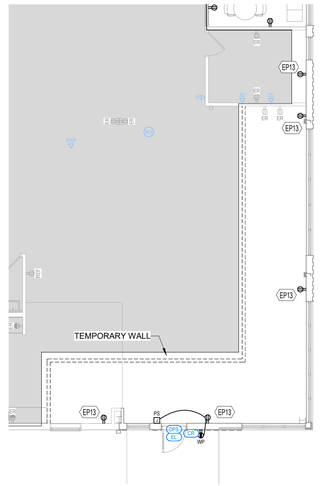
ET2 COORDINATE EXACT LOCATION OF WIRELESS ACCESS POINT WITH OWNER PRIOR TO ROUGH-IN.



1 E201 FIRST FLOOR POWER PLAN
1/8" = 1'-0"



3 E201 ALTERNATE 1 - POWER PLAN
1/8" = 1'-0"



2 E201 ELECTRICAL POWER PLAN - COMMONS
1/8" = 1'-0"

STATE OF OHIO
SAMUEL H. BOHMAN
89475
REGISTERED
PROFESSIONAL ENGINEER

SHP
312 PLUM STREET, SUITE 700
CINCINNATI, OH 45202 · 513.381.2112

FAIRFIELD COUNTY WORKFORCE DEVELOPMENT CENTER
INTERIOR ALTERATIONS
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	01-24-25	BID/PERMIT
2	03-04-25	ADDENDUM 1

FIRST FLOOR POWER PLAN

COMM NO. 2022063.02

E201

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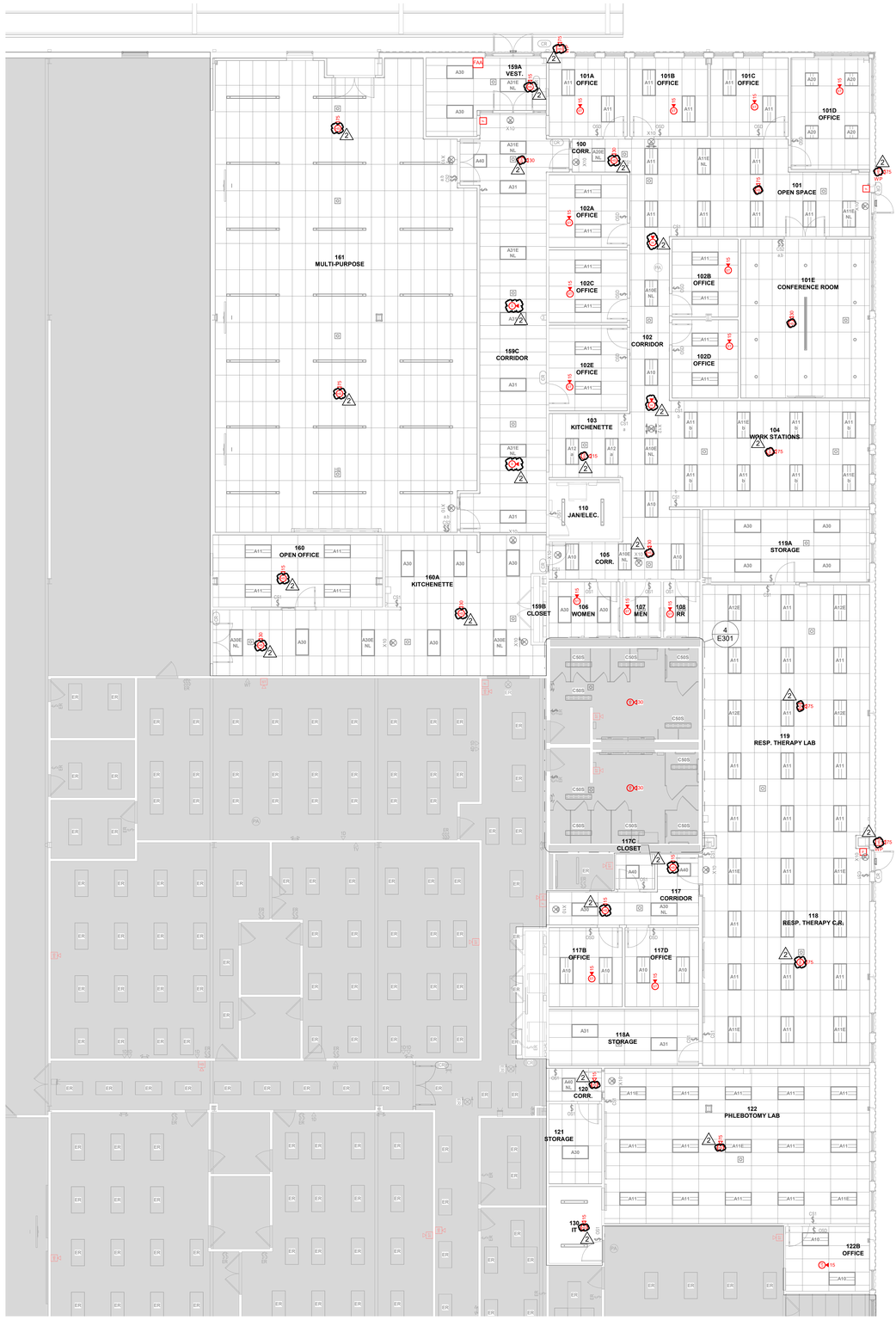
0'-1" REFERENCE LINE

GENERAL FIRE ALARM NOTES:

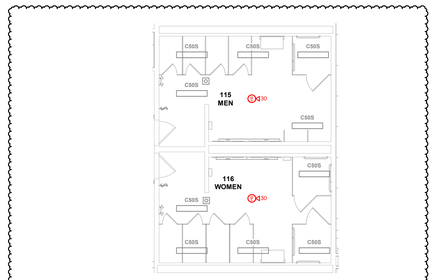
A. FIRE ALARM DRAWINGS INDICATE A BASIS OF DESIGN FOR LOCATIONS AND QUANTITIES OF DEVICES, APPLIANCES, CONTROL PANELS, ETC. FIRE ALARM SYSTEM DESIGNER SHALL REVISE THE PLANS AS REQUIRED TO MEET ALL CODE AND PROJECT REQUIREMENTS. FIRE ALARM SYSTEM SHALL BE DESIGNED BY A LICENSED FIRE ALARM SYSTEM DESIGNER.

B. CEILING MOUNTED VISUAL ALARM NOTIFICATION DEVICES SHALL BE MOUNTED BELOW THE LOWEST OBSTRUCTION. PROVIDE HARDWARE AS REQUIRED FOR PENDANT TYPE INSTALLATION.

KEYNOTES

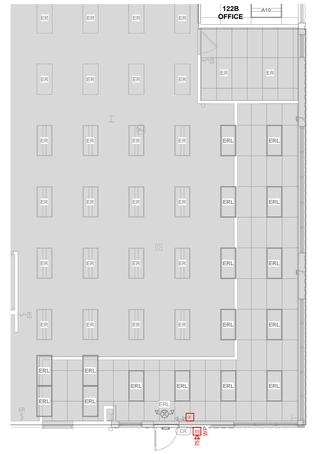


1 E301 FIRST FLOOR FIRE ALARM PLAN
1/8" = 1'-0"



4 E301 ALTERNATE 1 - FIRE ALARM PLAN
1/8" = 1'-0"

2 E301 FACP LOCATION
1" = 20'-0"



3 E301 FIRST FLOOR FIRE ALARM PLAN - COMMONS
1/8" = 1'-0"

STATE OF OHIO
SAMUEL H. BOHMAN
89475
REGISTERED
PROFESSIONAL ENGINEER

SHP
312 PLUM STREET, SUITE 700
CINCINNATI, OH 45202 · 513.651.2112

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ISSUANCES

	11-22-24	DESIGN DEVELOPMENT
	01-24-25	BID/PERMIT
2	03-04-25	ADDENDUM 1

FIRST FLOOR FIRE ALARM PLAN

COMM NO. 2022063.02

E301

0'-1" REFERENCE LINE

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Panelboard: P5

Location: Space 24
Supply From:
Mounting: Wall Mounted
Enclosure: NEMA 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Panel Rating 225.0 A

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	Spare		20	1	0	600					1	20		R - 119 - HOSPITAL BED 02	2
3	EX - ENG LAB FRONT BENCH		20	1			1000	600			1	20		R - 119 - HOSPITAL BED 03	4
5	Spare		20	1					0	1000	1	20		EX - OUTSIDE EAST CAMERAS &...	6
7	Spare		20	1	0	600					1	20		R - 119 - HOSPITAL BED 04	8
9	Spare		20	1			0	1000			1	20		EX - NORTH SIDE OUTSIDE SECURIT...	10
11	Spare		20	1					0	800	1	20		EX - R - 117, 118 - 12 RECEPTACLES	12
13	R - 160A - ABOVE COUNTER GFI		20	1	720	600					1	20		R - 119 - HOSPITAL BED 05	14
15		2						1000			1	20		EX - SECURITY LIGHT	16
17	R - 160A - MICROWAVE	GFI	20	1					1200	600	1	20		R - 119 - HOSPITAL BED 06	18
19	R - 160A - REFRIGERATOR	GFI	20	1	600	900					1	20		R - 119	20
21	R - 118 - AV		20	1			900	720			1	20		R - 101C	22
23	R - 118		20	1					540	800	1	20		EX - COL	24
25	R - 122, 122B		20	1	720	720					1	20		R - 101D	26
27	R - 122 - ABOVE COUNTER GFI		20	1			540	900			1	20		R - 122 - QUADS 01	28
29	160A - GARBAGE DISPOSAL	GFI	20	1					1200	180	1	20	GFI	R - 105 - ELECTRIC WATER COOLER	30
31	R - 119 - ABOVE COUNTER GFI		20	1	360	540					1	20		R - 102, 105, 106, 107, 108, 110	32
33	R - 119 - HOSPITAL BED 01		20	1			600	800			1	20		EX - FIRE ALARM PANEL	34
35	118A, 120, 121, 122, 136		20	1					900	720	1	20		R - 101E, 102, 102D - COMPUTERS	36
37	R - 117, 117B, 117C, 117D		20	1	1080	1200					1	20	GFI	103 - GARBAGE DISPOSAL	38
39	R - 117 - COMPUTER STATION		20	1			720	0			1	20		Spare	40
41	Spare		20	1					0	0	1	20		Spare	42
					Total Load:	8640 VA		8780 VA		7940 VA					
					Total Amps:	72.9 A		74.1 A		66.2 A					

DESCRIPTION ABBREVIATION LEGEND:	DEVICE NOTES LEGEND:	Panel Totals	
L = LIGHTS	GFI = GFI BREAKER, IF UNAVAILABLE SUBSTITUTE WITH GFI RELAY MODULE		
R = RECEPTACLES	LOD = LOCK ON/OFF DEVICE	**Total Conn. Load:**	25360 VA
M = MECHANICAL EQUIPMENT	SPD = SURGE PROTECTION DEVICE	**Total Est. Demand:**	23070 VA
P = PLUMBING EQUIPMENT	BM = BRANCH CIRCUIT LEVEL METERING	**Total Conn. Current:**	70.4 A
		Total Est. Demand Current:	64.0 A

Notes:
EXISTING PANEL

Panelboard: P6

Location: CLOSET 159B
Supply From:
Mounting: Wall Mounted
Enclosure:

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Panel Rating 225.0 A

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	EX - R - WEST WALL RECEPT		20	1	800	540					1	20		R - 159A	2
3	EX - LUNCH ROOM FUSE BOX BY...		20	1			800	600			1	20	GFI	R - 103 - REFRIGERATOR	4
5	R - 101A, 159A		20	1					900	1000	1	20		EX - SECURITY LIGHT ON WEST SIDE	6
7	R - 101B - COMPUTER STATION		20	1	720	1200					1	20	GFI	R - 103 - MICROWAVE - 24"	8
9	EX - VENDING		20	1			1200	720			1	20		R - 103 - ABOVE COUNTER GFI	10
11	EX - VENDING		20	1					1200	720	1	20		R - 102C - COMPUTER STATION	12
13	EX - VENDING		20	1	1200	720					1	20		R - 102A - COMPUTER STATION	14
15	EX - EV CHARGING		40	2			1500	540			1	20		R - 101E	16
17	--	--	--	--					1500	360	1	20		R - 118	18
19	EX - VENDING		20	1	1200	720					1	20		R - 102E - COMPUTER STATION	20
21	EX - VENDING		20	1			1200	900			1	20		R - 161	22
23	R - 122 - QUADS 02		20	1					720	1080	1	20		R - 161 - FLOOR BOXES	24
25	R - 100, 102, 103		20	1	720	720					1	20		R - 159C, 161	26
27	R - 102B - COMPUTER STATION		20	1			720	1200			1	20		EX - FAX-SALES	28
29	R - 101E - FLOOR BOXES		20	1					720	800	1	20		EX - RECEPT SHOWER RESTROOM	30
31	Space		--	1	--	1320					1	20		R - 161 - SOUTH	32
33	EX - P6A		50	2			3780	1200			1	20		EX - VENDING	34
35	--	--	--	--					3240	1200	1	20		EX - VENDING	36
37	EX - SIGN AND FLAG POLE		20	1	1000	720					1	20		R - 101E - TV	38
39	EX - HOT WATER HEATER		30	2			1500	416			2	15		M - EF-1	40
41	--	--	--	--					1500	416	--	--	--	--	42
					Total Load:	11580 VA		16276 VA		15356 VA					
					Total Amps:	96.5 A		140.5 A		132.8 A					

DESCRIPTION ABBREVIATION LEGEND:	DEVICE NOTES LEGEND:	Panel Totals	
L = LIGHTS	GFI = GFI BREAKER, IF UNAVAILABLE SUBSTITUTE WITH GFI RELAY MODULE		
R = RECEPTACLES	LOD = LOCK ON/OFF DEVICE	**Total Conn. Load:**	43212 VA
M = MECHANICAL EQUIPMENT	SPD = SURGE PROTECTION DEVICE	**Total Est. Demand:**	38222 VA
P = PLUMBING EQUIPMENT	BM = BRANCH CIRCUIT LEVEL METERING	**Total Conn. Current:**	119.9 A
		Total Est. Demand Current:	106.1 A

Notes:
EXISTING PANEL

Panelboard: P13

Location: Space 37
Supply From:
Mounting: Wall Mounted
Enclosure:

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MCB
Panel & MCB Rating 400.0 A

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	EX - WASHER ROOM 140		20	1	800	1500					2	30		EX - R - DRYER - 140	2
3	EX - WASHER ROOM 140		20	1			800	1500			--	--	--	--	4
5	EX - R - 147, 148		20	1					800	1500	2	30		EX - R - DRYER - 140	6
7	EX - EXHAUST FANS & CLINIC...		20	1	1200	1500					--	--	--	--	8
9	EX - R - 148		20	1			800	1500			2	25		EX - HOT WATER TANK - 150	10
11	EX - R - 147		20	1					800	1500	--	--	--	--	12
13	EX - R - 151		20	1	800	1500					2	30		EX - HOT WATER TANK - 110	14
15	EX - R - 151, 155		20	1			800	1500			--	--	--	--	16
17	EX - R - 152		20	1					800	1600	1	20		EX - WALL HEATER SO V	18
19	EX - R - 155		20	1	800	1600					1	20		EX - WALL HEATER SO. VEST	20
21	100, 102E, 159A -DOOR PWR SUPPLIES		20	1			900	800			1	20		EX - AWNING LIGHTS	22
23	EX - R - 159, 161		20	1					800	800	1	20		EX - AWNING LIGHTS	24
25	R - 104 - WORKSTATION 01		20	1	720	1000					1	20		EX - WATER COOLER - 136	26
27	R - 104 - WORKSTATION 02		20	1			720	800			1	20		EX - R - 119, 122 NURSES CLINIC	28
29	R - 104 - WORKSTATION 05		20	1					720	840	1	20		EX - R - FRIDGE - 120	30
31	R - 104 - WORKSTATION 04		20	1	720	1680					1	20		EX - R - FRIDGE - 119, 120	32
33	R - 104 - WORKSTATION 03		20	1			720	1000			1	20		EX - WATER COOLER - 126	34
35										800	1	20		EX - R - 135 SENIORS KITCHEN	36
37	EX - HANDICAP DOOR		20	1	0	840					1	20		EX - R - FRIDGE - 135	38
39	EX - P13A		100	2			4000	800			1	20		EX - R - 135 - NORTHEAST	40
41	--	--	--	--					3000	264	1	15		M - CP-1	42
					Total Load:	14660 VA		16640 VA		14224 VA					
					Total Amps:	122.7 A		139.2 A		118.5 A					

DESCRIPTION ABBREVIATION LEGEND:	DEVICE NOTES LEGEND:	Panel Totals	
L = LIGHTS	GFI = GFI BREAKER, IF UNAVAILABLE SUBSTITUTE WITH GFI RELAY MODULE		
R = RECEPTACLES	LOD = LOCK ON/OFF DEVICE	**Total Conn. Load:**	45524 VA
M = MECHANICAL EQUIPMENT	SPD = SURGE PROTECTION DEVICE	**Total Est. Demand:**	45524 VA
P = PLUMBING EQUIPMENT	BM = BRANCH CIRCUIT LEVEL METERING	**Total Conn. Current:**	126.4 A
		Total Est. Demand Current:	126.4 A

Notes:
EXISTING PANEL

Panelboard: P3A

Location: CLOSET 159B
Supply From: P3
Mounting: Wall Mounted
Enclosure: NEMA 1

Volts: 480Y/277 V
Phases: 3
Wires: 4

A.I.C. Rating: 14,000
Mains Type: MLO
Panel Rating 225.0 A

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	L - 106-108, 117, 117B, 117C, 117D.....		20	1	2097	2500					1	20	LOD	EX - OFFICE LIGHTS	2
3							2500				1	20		EX - OFFICE LIGHTS	4
5										2500	1	20		EX - OFFICE LIGHTS	6
7	EX - OFFICE LIGHTS		20	1	2500	2500					1	20		EX - OFFICE LIGHTS	8
9	EX - OFFICE LIGHTS		20	1			2500	2500			1	20		EX - OFFICE LIGHTS	10
11	EX - OFFICE LIGHTS		20	1					1200	2500	1	20		EX - OFFICE LIGHTS	12
13	EX - OFFICE LIGHTS		20	1	2500	2500					1	20		EX - OFFICE LIGHTS	14
15	EX - OFFICE LIGHTS		20	1			2500	2500			1	20		EX - OFFICE LIGHTS	16
17	EX - OFFICE LIGHTS		20	1					2500	2500	1	20		EX - OFFICE LIGHTS	18
19						2500					1	20		EX - OFFICE LIGHTS	20
21	L - 100, 101, 101A, 101B, 101C...110		20	1			1766	2500			1	20		EX - FRONT EXIT LIGHTS	22
23	L - 159A, 159C, 160, 160A, 161		20	1					2862	--	1	--		Space	24
25	L - EXTERIOR		20	1	48	--					1	--		Space	26
27	Space		--	1			--	--			1	--		Space	28
29	Space		--	1					--	--	1	--		Space	30
31	Space		--	1	--	--					1	--		Space	32
33	Space		--	1			--	--			1	--		Space	34
35	Space		--	1					--	--	1	--		Space	36
37	Space		--	1	--	--					1	--		Space	38
39	Space		--	1			--	--			1	--		Space	40
41	Space		--	1					--	--	1	--		Space	42
43	Space		--	1	--	--					1	--		Space	44
45	Space		--	1			--	--			1	--		Space	46
47	Space		--	1					--	--	1	--		Space	48
					Total Load:	17145 VA		16766 VA		14062 VA					
					Total Amps:	63.4 A		62.0 A		50.8 A					

DESCRIPTION ABBREVIATION LEGEND:	DEVICE NOTES LEGEND:	Panel Totals	
L = LIGHTS	GFI = GFI BREAKER, IF UNAVAILABLE SUBSTITUTE WITH GFI RELAY MODULE		
R = RECEPTACLES	LOD = LOCK ON/OFF DEVICE	**Total Conn. Load:**	47973 VA
M = MECHANICAL EQUIPMENT	SPD = SURGE PROTECTION DEVICE	**Total Est. Demand:**	47973 VA
P = PLUMBING EQUIPMENT	BM = BRANCH CIRCUIT LEVEL METERING	**Total Conn. Current:**	57.7 A
		Total Est. Demand Current:	57.7 A

Notes:
EXISTING PANEL

Panelboard: P6A

Location: CLOSET 159B
Supply From: P6
Mounting: Wall Mounted
Enclosure: NEMA 1

Volts: 208/120 V
Phases: 1
Wires: 3

A.I.C. Rating: 10,000
Mains Type: MLO
Panel Rating 100.0 A

CKT	Circuit Description	Device Notes	Trip	Poles	B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	R - 122 - QUAD, TV		20	1	540	720			1	20		R - 160 - COMPUTER STATION	2
3	R - 160 - COMPUTER STATION		20	1			720	900	1	20		R - 159C, 160	4
5	R - 160 - COMPUTER STATION		20	1	720	720			1	20		R - 161 - WEST, PROJECTOR	6
7	R - 160 - COMPUTER STATION		20	1			720	0	1	20		Spare	8
9	102, 105, 110, 119A		20	1	1080	0			1	20		Spare	10
11	R - 101		20	1			900	0	1	20		Spare	12
					Total Load:	3780 VA		3240 VA					
					Total Amps:	35.7 A		31.2 A					

DEVICE ABBREVIATION LEGEND:	DEVICE NOTES LEGEND:	Panel Totals	
L = LIGHTS	GFI = GFI BREAKER, IF UNAVAILABLE SUBSTITUTE WITH GFI RELAY MODULE		
R = RECEPTACLES	LOD = LOCK ON/OFF DEVICE	**Total Conn. Load:**	7020 VA
M = MECHANICAL EQUIPMENT	SPD = SURGE PROTECTION DEVICE	**Total Est. Demand:**	7020 VA
P = PLUMBING EQUIPMENT	BM = BRANCH CIRCUIT LEVEL METERING	**Total Conn. Current:**	33.8 A
		Total Est. Demand Current:	33.8 A

Notes:
EXISTING PANEL

STATE OF OHIO
SAMUEL H. BOHMAN
88475
REGISTERED
PROFESSIONAL ENGINEER

SHP
312 PLUM STREET, SUITE 700
CINCINNATI, OH 45202 · 513.381.2112

FAIRFIELD COUNTY WORKFORCE DEVELOPMENT CENTER
INTERIOR ALTERATIONS
4465 COONPATH RD NW, CARROLL, OH 43112

ISSUANCES

	01-24-25	BID/PERMIT
2	03-04-25	ADDENDUM 1

PANEL SCHEDULES

COMM NO. 2022063.02

E400

1" REFERENCE LINE