

ADDENDUM NO. 2

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Third Floor Renovations
MoDOT Millbottom Building
Jefferson City, Missouri
PROJECT NO.: O2225-01**

New Bid Opening Date: 1:30 PM, Thursday, May 9, 2024 (CHANGED)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 001116 – Invitation For Bid
 - a. REVISE Paragraph 3.0-A as follows:
 - A. Until: 1:30 PM, Thursday, May 9, 2024
2. Section 011000 – Summary of Work
 - a. ADD Paragraph 1.2-E as follows:
 - E. All work shall be coordinated with HVAC Project O2330-01. The HVAC systems and HVAC controls with the final wiring and electrical connection for each of those systems will be provided under separate contract in Project O2330-01.
3. Section 284600 - Fire Detection and Alarm
 - a. REMOVE entire section and REPLACE with the attached version.

DRAWING CHANGES: (See attached revised sheets)

1. Sheet A-103
 - a. REVISE Room Names for Rooms 305 and 306.
2. Sheet A-106
 - a. REVISE Room Finish Schedule for Floor Material in Rooms 305 and 310.
 - b. REVISE Room Names for Rooms 305 and 306.
3. Sheet A-201
 - a. ADD Windowsill Details K10 and K13 to the sheet.
4. Sheet A-601
 - a. REVISE Room Finish Schedule for multiple rooms.

5. Sheet ED101

- a. REMOVE AND REPLACE Electrical Demolition Plan Key Note No.2: Contractor to remove existing conduit & conductors feeding RTU. Conductors shall be removed back to existing breaker. Conduit shall be removed back to panel used as J-box.

6. Sheet E101

- a. ADD Power Plan General Note 4: Security Devices are shown for rough-in only.
- b. REVISE Power Plan Key Note 8 to include coordinating location with HVAC Contractor on OA project # O2330-01 to prevent conflicts with new ductwork.
- c. ADD Power Plan Key Note 12: Provide 4x8 Box with mud ring & conduit up to above ceiling for future thermostat. Coordinate location with HVAC Contractor on OA project # O2330-01.
- d. ADD Third Floor Power Plan thermostat rough-in locations.
- e. REVISE power requirements in Room 305 and 306
- f. REMOVE HP-1 Note from Conference Room 356
- g. REMOVE FCU-1 Note from Server Room 304
- h. REMOVE RTU-2 Note from Storage Room 326

7. Sheet E102

- a. ADD Power Plan General Note 2: Security Devices are shown for rough-in only.

8. Sheet E103

- a. REVISE Room Name and Light Fixture for Room 305.

9. Sheet E601

- a. ADD S3 to Light Fixture Schedule.
- b. REVISE Circuit No. 6 in New Panel 'P1' Schedule from 12 amps to 9 amps.
- c. REVISE Circuit No. 22 and 24 in Existing Panel 'P2' Schedule to be SPARE.

10. Sheet F101

- a. REVISE Deferred Submittal Note No 1 as follows: Fire Alarm Contractor to provide deferred submittal for Fire Alarm system that will be tied into existing Edwards Fire Alarm system. Submittal to include battery calculation, voltage drop calculations, sealed engineered plans, and device cut sheets for devices & panels.

11. Sheet P102

- a. REVISE Room Name for Room 305
- b. ADD Water Line and Backflow Device at Room 305.

12. Sheet P103

- a. REVISE Rooftop gas plan unit layout.
- b. REMOVE HP-1 Note.

13. Sheet P601

- a. ADD BFP to Plumbing Fixture Schedule.

GENERAL COMMENTS:

1. Please contact Paul Girouard, Contract Specialist, at 573-751-4797 or paul.girouard@oa.mo.gov for questions about bidding procedures, MBE\WBE\SDVE Goals, and other submittal requirements.
2. The deadline for technical questions is Wednesday, May 1 at noon.
3. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
4. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
5. Current Plan holders list available online at <https://www.oafmdcplanroom.com/jobs/2320/details/o2225-01-third-floor-renovations-modot-millbottom-building>
6. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 1C, Columbia MO 65201, 573-446-7768 to order official plans and specifications.
7. **All bids shall be submitted on the bid form without additional terms and conditions, modifications, or stipulations. Each space on the bid form shall be properly filled. Failure to do so will result in rejection of the bid.**
8. **MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. Only certified firms as of the bid opening date can be used to satisfy the MBE/WBE/SDVE participation goals for this project. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.**
9. **The Contractor shall pay not less than the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed, as determined by the Missouri Department of Labor and Industrial Relations.** Bidders are to adhere to Prevailing Wage Hourly Rate of Wages, and the Department of Labor and Industrial Relations can be contacted to determine the applicable wage rate for the work on this project.

ATTACHMENTS:

1. Section 284600 – Fire Detection and Alarm
2. Sheet A-103
3. Sheet A-106
4. Sheet A-201
5. Sheet A-601
6. Sheet ED101
7. Sheet E101
8. Sheet E102
9. Sheet E103
10. Sheet E601
11. Sheet F101
12. Sheet P102
13. Sheet P103
14. Sheet P601

April 11, 2024

END OF ADDENDUM NO. 2

SECTION 28 46 00 - FIRE DETECTION AND ALARM

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fire alarm system design and installation, including all components, wiring, and conduit.
- B. Replacement and removal of existing fire alarm system components, wiring, and conduit indicated.

1.02 REFERENCE STANDARDS

- A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; current edition.
- B. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- C. IEEE C62.41.2 - IEEE Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and less) AC Power Circuits; 2002 (Corrigendum 2012).
- D. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- E. NFPA 72 - National Fire Alarm and Signaling Code; Most Recent Edition Cited by Referring Code or Reference Standard.
- F. NFPA 101 - Life Safety Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

1.03 SUBMITTALS

- A. Design Documents: Submit all information required for plan review and permitting by authorities having jurisdiction, including but not limited to sealed plans, riser diagrams, and description of operation:
 - 1. Copy (if any) of list of data required by authority having jurisdiction.
 - 2. NFPA 72 "Record of Completion", filled out to the extent known at the time.
 - 3. Clear and concise description of operation, with input/output matrix similar to that shown in NFPA 72 Appendix A-7-5-2.2(9), and complete listing of software required.
 - 4. System zone boundaries and interfaces to fire safety systems.
 - 5. Location of all components, circuits, and raceways; mark components with identifiers used in control unit programming.
 - 6. Circuit layouts; number, size, and type of raceways and conductors; conduit fill calculations; spare capacity calculations; notification appliance circuit voltage drop calculations.
 - 7. List of all devices on each signaling line circuit, with spare capacity indicated.
 - 8. Manufacturer's detailed data sheet for each component, including wiring diagrams, installation instructions, and circuit length limitations.
 - 9. Description of power supplies; if secondary power is by battery include calculations demonstrating adequate battery power.

10. Certification by either the manufacturer of the control unit or by the manufacturer of each other component that the components are compatible with the control unit.
 11. Certification by the manufacturer of the control unit that the system design complies with Contract Documents.
 12. Certification by Contractor that the system design complies with Contract Documents.
 13. Do not show existing components to be removed.
- B. Evidence of installer qualifications.
- C. Evidence of maintenance contractor qualifications, if different from installer.
- D. Inspection and Test Reports:
1. Submit inspection and test plan prior to closeout demonstration.
 2. Submit documentation of satisfactory inspections and tests.
 3. Submit NFPA 72 "Inspection and Test Form," filled out.
- E. Project Record Documents: See Section 01 78 00 for additional requirements; have one set available during closeout demonstration:
1. Complete set of floor plans showing actual installed locations of components, conduit, and zones.
 2. "As installed" wiring and schematic diagrams, with final terminal identifications.
 3. "As programmed" operating sequences, including control events by device, updated input/output chart, and voice messages by event.
- F. Closeout Documents:
1. Certification by manufacturer that the system has been installed in compliance with manufacturer's installation requirements, is complete, and is in satisfactory operating condition.
 2. NFPA 72 "Record of Completion", filled out completely and signed by installer and authorized representative of authority having jurisdiction.

1.04 QUALITY ASSURANCE

- A. Designer Qualifications: Registered professional engineer, with experience designing fire alarm systems in the jurisdictional area of the authorities having jurisdiction.
- B. Installer Qualifications: Firm with minimum 3 years documented experience installing fire alarm systems of the specified type and providing contract maintenance service as a regular part of their business.
1. Authorized representative of control unit manufacturer; submit manufacturer's certification that installer is authorized; include name and title of manufacturer's representative making certification.
 2. Installer Personnel: At least 2 years of experience installing fire alarm systems.
- C. Maintenance Contractor Qualifications: Same entity as installer or different entity with specified qualifications.

1.05 WARRANTY

- A. Provide control panel manufacturer's warranty that system components other than wire and conduit are free from defects and will remain so for 1 year after date of Substantial Completion.

- B. Provide installer's warranty that the installation is free from defects and will remain so for 1 year after date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Fire Alarm Control Units and Accessories but not limited to.
 - 1. Honeywell Security & Fire Solutions/Gamewell-FCI; www.gamewell-fci.com/#sle.
 - 2. Honeywell Security & Fire Solutions/Notifier; www.notifier.com/#sle.
 - 3. Siemens Building Technologies, Inc; www.usa.siemens.com/#sle.
 - 4. Provide control units made by the same manufacturer.

2.02 FIRE ALARM SYSTEM

- A. Fire Alarm System: Provide modifications and extensions to the existing automatic fire detection and alarm system: Existing system is an Edwards signalling.
 - 1. Provide all components necessary, regardless of whether shown in Contract Documents or not.
 - 2. Protected Premises: Entire building shown on drawings.
 - 3. Comply with the following; where requirements conflict, order of precedence of requirements is as listed:
 - a. ADA Standards.
 - b. The requirements of the State Fire Marshal.
 - c. The requirements of the local authority having jurisdiction
 - d. Applicable local codes.
 - e. Contract Documents (drawings and specifications).
 - f. NFPA 101.
 - g. NFPA 72; where the word "should" is used consider that provision mandatory; where conflicts between requirements require deviation from NFPA 72, identify deviations clearly on design documents.
 - 4. Evacuation Alarm: Multiple smoke zones; allow for evacuation notification of any individual zone or combination of zones, in addition to general evacuation of entire premises.
 - 5. Horn/strobe notification:
 - 6. General Evacuation Zones: Each smoke zone is considered a general evacuation zone unless otherwise indicated, with alarm notification in all zones on the same floor, on the floor above, and the floor below.
 - 7. Fire Alarm Control Unit: Existing, located at supervising station.
- B. Supervising Stations and Fire Department Connections:
 - 1. Public Fire Department Notification: By on-premises supervising station.
 - 2. On-Premises Supervising Station: Existing proprietary station operated by Owner, located at .
- C. Circuits:
 - 1. Initiating Device Circuits (IDC): Class B, Style A.
 - 2. Signaling Line Circuits (SLC) Within Single Building: Class B, Style 0.5.
 - 3. Notification Appliance Circuits (NAC): Class B, Style W.
- D. Power Sources:
 - 1. Primary: Dedicated branch circuits of the facility power distribution system.

2. Secondary: Storage batteries.
3. Capacity: Sufficient to operate entire system for period specified by NFPA 72.
4. Each Computer System: Provide uninterruptible power supply (UPS).

2.03 EXISTING COMPONENTS

- A. Existing Fire Alarm System: Remove existing devices on third floor completely after new system is fully operational and tested.
- B. On-Premises Supervising Station: Include as part of this work all modifications necessary to existing supervising station to accommodate new fire alarm work.

2.04 FIRE SAFETY SYSTEMS INTERFACES

- A. Supervision: Provide supervisory signals in accordance with NFPA 72 for the following:
- B. Alarm: Provide alarm initiation in accordance with NFPA 72 for the following:
- C. HVAC:
 1. Duct Smoke Detectors: Close dampers indicated; shut down air handlers indicated.

2.05 COMPONENTS

- A. General:
 1. Provide flush mounted units where installed in finish areas; in unfinished areas, surface mounted unit are acceptable.
 2. Provide legible, permanent labels for each control device, using identification used in operation and maintenance data.
- B. Fire Alarm Control Units: Analog, addressable type; listed, classified, and labeled as suitable for the purpose intended.
- C. Initiating Devices:
 1. Addressable Systems:
 - a. Addressable Devices: Individually identifiable by addressable fire alarm control unit.
 - b. Provide suitable addressable interface modules as indicated or as required for connection to conventional (non-addressable) devices and other components that provide a dry closure output.
- D. Notification Appliances:
 1. Speakers.
 2. Strobes.
- E. Circuit Conductors: Copper or optical fiber; provide 200 feet extra; color code and label.
- F. Surge Protection: In accordance with IEEE C62.41.2 category B combination waveform and NFPA 70; except for optical fiber conductors.
- G. Locks and Keys: Deliver keys to Owner.
- H. Instruction Charts: Printed instruction chart for operators, showing steps to be taken when a signal is received (normal, alarm, supervisory, and trouble); easily readable from normal operator's station.

1. Frame: Stainless steel or aluminum with polycarbonate or glass cover.
2. Provide one for each control unit where operations are to be performed.
3. Obtain approval of Owner prior to mounting; mount in location acceptable to Owner.
4. Provide extra copy with operation and maintenance data submittal.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install in accordance with applicable codes, NFPA 72, NFPA 70, and Contract Documents.
- B. Conceal all wiring, conduit, boxes, and supports where installed in finished areas.
- C. Obtain Owner's approval of locations of devices, before installation.
- D. Install instruction cards and labels.

3.02 INSPECTION AND TESTING FOR COMPLETION

- A. Notify Owner 7 days prior to beginning completion inspections and tests.
- B. Notify authorities having jurisdiction and comply with their requirements for scheduling inspections and tests and for observation by their personnel.
- C. Provide the services of the installer's supervisor or person with equivalent qualifications to supervise inspection and testing, correction, and adjustments.
- D. Prepare for testing by ensuring that all work is complete and correct; perform preliminary tests as required.
- E. Provide all tools, software, and supplies required to accomplish inspection and testing.
- F. Perform inspection and testing in accordance with NFPA 72 and requirements of local authorities; document each inspection and test.
- G. Correct defective work, adjust for proper operation, and retest until entire system complies with Contract Documents.

3.03 CLOSEOUT

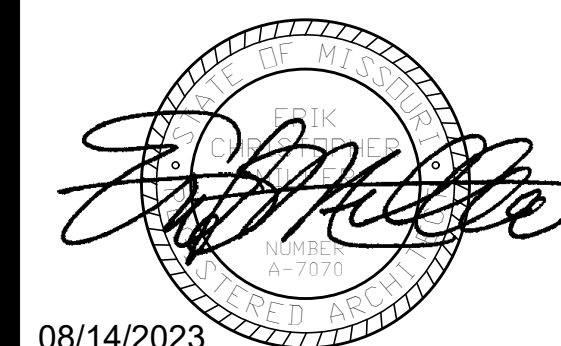
- A. Closeout Demonstration: Demonstrate proper operation of all functions to Owner.
 1. Be prepared to conduct any of the required tests.
 2. Have at least one copy of operation and maintenance data, copy of project record drawings, input/output matrix, and operator instruction chart(s) available during demonstration.
 3. Have authorized technical representative of control unit manufacturer present during demonstration.
 4. Demonstration may be combined with inspection and testing required by authority having jurisdiction; notify authority having jurisdiction in time to schedule demonstration.
 5. Repeat demonstration until successful.
- B. Substantial Completion of the project cannot be achieved until inspection and testing is successful and:
 1. Approved operating and maintenance data has been delivered.

2. All aspects of operation have been demonstrated to Owner.
3. Final acceptance of the fire alarm system has been given by authorities having jurisdiction.
4. Occupancy permit has been granted.

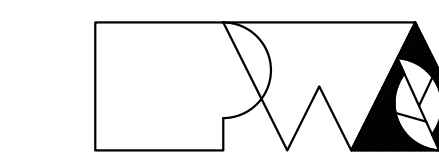
3.04 MAINTENANCE

- A. Perform routine inspection, testing, and preventive maintenance required by NFPA 72, including:
 1. Maintenance of fire safety interface and supervisory devices connected to fire alarm system.
 2. Repairs required, unless due to improper use, accidents, or negligence beyond the control of the maintenance contractor.
 3. Record keeping required by NFPA 72 and authorities having jurisdiction.
- B. Provide trouble call-back service upon notification by Owner:
 1. Provide on-site response within 2 hours of notification.
 2. Include allowance for call-back service during normal working hours at no extra cost to Owner.
 3. Owner will pay for call-back service outside of normal working hours on an hourly basis, based on actual time spent at site and not including travel time; include hourly rate and definition of normal working hours in maintenance contract.
- C. Provide a complete description of preventive maintenance, systematic examination, adjustment, cleaning, inspection, and testing, with a detailed schedule.
- D. Maintain a log at each fire alarm control unit, listing the date and time of each inspection and call-back visit, the condition of the system, nature of the trouble, correction performed, and parts replaced. Submit duplicate of each log entry to Owner's representative upon completion of site visit.
- E. Comply with Owner's requirements for access to facility and security.

END OF SECTION



08/14/2023

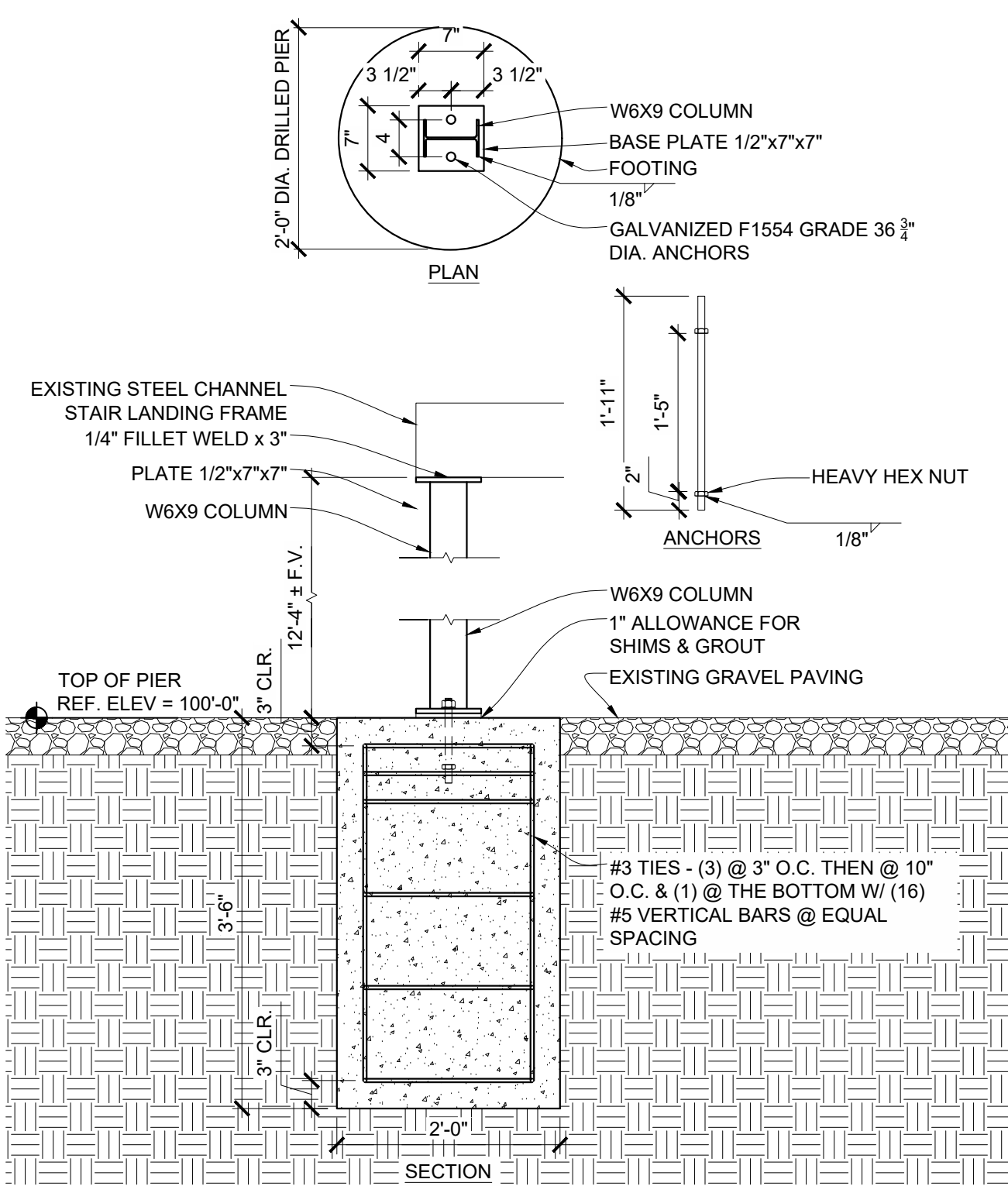


Peckham & Wright Architects, Inc., d.b.a.
PWArchitects, Inc.
2120 Forum Blvd., Ste. 101
Columbia, Missouri 65203
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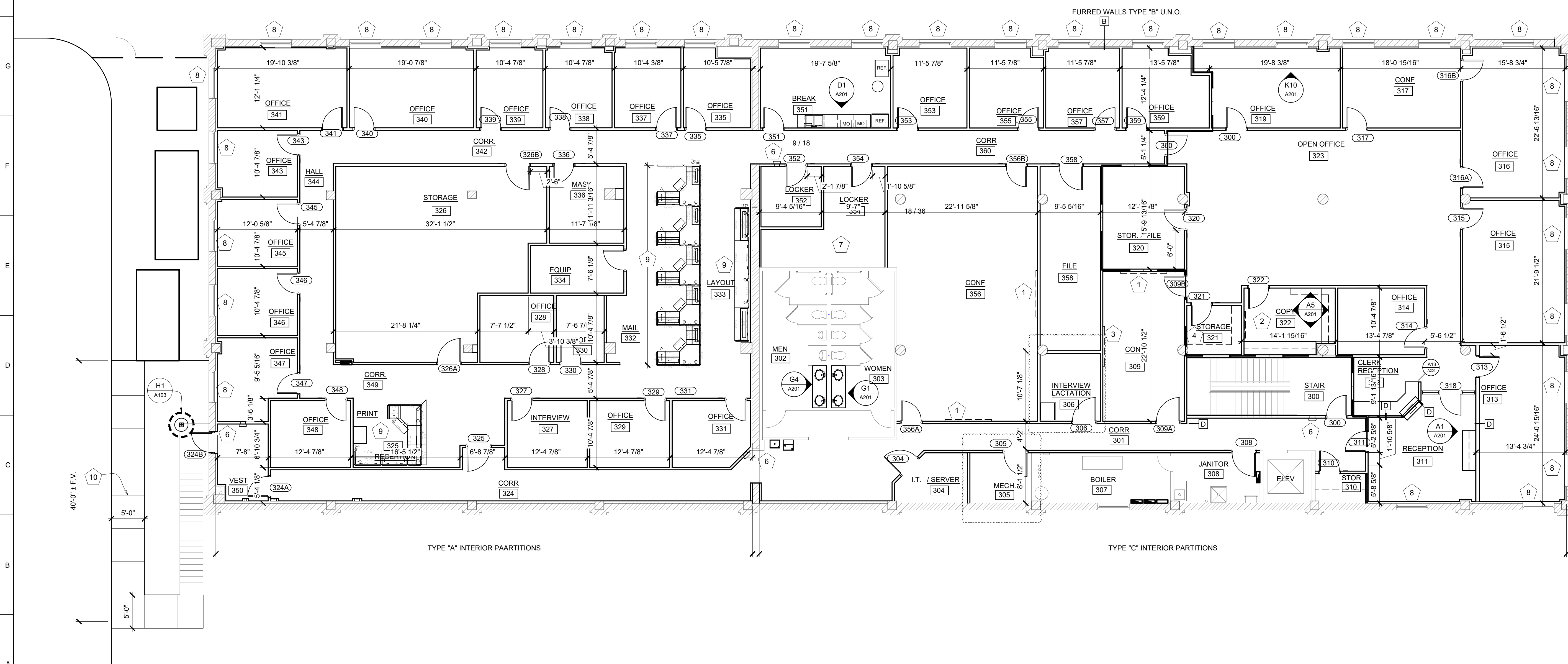
Peckham & Wright Architects an Architectural Corporation
Missouri State Certificate of Authority No. 000244

SCOPE OF WORK KEY NOTES

- 1 7" FLAT SCREEN MONITOR (7" MON.) - FURNISHED AND INSTALLED BY OWNER, MOUNTING BRACKET FURNISHED BY OWNER, INSTALLED BY GENERAL CONTRACTOR.
- 2 4'x4' TACK BOARD (4" T.B.)
- 3 6'x4' MARKER BOARD (6" M.B.)
- 4 18" ADJUST SHELVES & WALL STANDARDS, 5 SHELVES HIGH
- 5 CORNER GUARD (C.G.) ACROVYN 4000 SSM-20N 2"x48" TYPICAL ON ALL OUTSIDE GYP. BD. WALL CORNERS. WHETHER SHOWN IN PLAN OR NOT UNLESS NOTED OTHERWISE
- 6 RECESSED FIRE EXTINGUISHER & CABINET (F.E.C.)
- 7 LOCKERS FURNISHED AND INSTALLED BY OWNER
- 8 SOLID SURFACE WINDOW SILLS AND DUAL ROLLER WINDOW SHADES
- 9 OWNER PROVIDED OFFICE FURNITURE CUBICALS INSTALLED BY OWNER, FINAL ELECTRICAL CONNECTIONS BY G.C.
- 10 NEW 4" CONCRETE PAVING OVER 4" AGGREGATE BASE W/ WWF 6'x6'-W14XW14.



H1 STAIR COLUMN DETAIL
SCALE: 3/4" = 1'-0"



A1 3RD FLOOR PLAN
SCALE: 1/8" = 1'-0"

OFFICE OF
ADMINISTRATION
DIVISION OF
FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

THIRD FLOOR
RENOVATIONS
MoDOT MILLBOTTOM
BUILDING

CAPITOL COMPLEX -
MoDOT MILLBOTTOM
601 WEST MAIN STREET
JEFFERSON CITY, MO

PROJECT # O2225-01
SITE # 1001
ASSET # 3101001058

REVISION: ADDEMDUM 2
DATE: 04/12/2024
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 08/14/2023

CAD DWG FILE: A-101
DRAWN BY: LC / MM / GM
CHECKED BY: EM
DESIGNED BY: EM

SHEET TITLE:
3RD FLOOR PLANS

SHEET NUMBER:

A-103

08/14/2023
10 OF 29 SHEETS

ROOM FINISH SCHEDULE										
ROOM NAME	ROOM NUMBER	FLOOR MATL	BASE MATL	CEILING MATL	CEILING HEIGHT	WALL				REMARKS
						NORTH	EAST	SOUTH	WEST	
VESTIBULE	100	-	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
VESTIBULE	101	-	-	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
STAIR	200	-	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
STAIR	300	-	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
CORRIDOR	301	LVT-1	-	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
MEN	302	-	ECB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
WOMEN	303	-	ECB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
I.T. / SERVER	304	S.C.	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
MECHANICAL	305	S.C.	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
INTERVIEW	306	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
BOILER	307	-	-	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
JANITOR	308	-	-	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
CONFERENCE	309A	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
CONFERENCE	309B	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
STORAGE	310	LVT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
RECEPTION	311	RST-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
RECEPTION	312	RST-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	313	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	314	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	315	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	316	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
CONFERENCE	317	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	318	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	319	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
STORAGE	320	RST-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
STORAGE	321	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
COPY	322	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OPEN OFFICE	323	CPT-1	RCB-1	P-1	10'-6"	P-1	P-1	P-1	P-1	
CORRIDOR	324	LVT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
RECEPTION	325	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
STORAGE	326	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
INTERVIEW	327	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	328	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	329	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
COPY	330	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	331	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
MAIL	332	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
LAYOUT	333	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	

ROOM FINISH SCHEDULE										
ROOM NAME	ROOM NUMBER	FLOOR MATL	BASE MATL	CEILING MATL	CEILING HEIGHT	WALL				REMARKS
						NORTH	EAST	SOUTH	WEST	
EQUIPMENT	334	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	335	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
MASK	336	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	337	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	338	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	339	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	340	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	341	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
CORRIDOR	342	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	343	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
HALL	344	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	345	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	346	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	347	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	348	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
CORRIDOR	349	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
VESTIBULE	350	LVT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
BREAK ROOM	351	LVT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
LOCKER ROOM	352	LVT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	353	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
LOCKER ROOM	354	LVT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	355	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
CONFERENCE	356	CPT-1	RCB-1	ACT-2	10'-0"	P-1	P-1	P-1	P-1	
OFFICE	357	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
FILE ROOM	358	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
OFFICE	359	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	
CORRIDOR	380	CPT-1	RCB-1	ACT-1	9'-0"	P-1	P-1	P-1	P-1	

FINISH LEGEND:
LVT - LUXURY VINYL TILE
S.C. - SEALED CONCRETE
CPT - CARPET
R.C.B. - RUBBER COVE BASE
PL - PLASTIC LAMINATE
S.S. - SOLID SURFACE

LVT-1 LUXURY VINYL TILE
MANUFACTURER: PATCRAFT
STYLE: TIMBER GROVE II 12 MIL I420V
COLOR: TO BE SELECTED BY OWNER

CPT-1 CARPET TILE
PROVIDED AND INSTALLED BY OWNER.
FLOOR PREP BY CONTRACTOR.

MFG: SHAW CONTRACT
COLLECTION: SIMPLY BY NATURE
STYLE: OFFSET 57296
COLOR: TO BE SELECTED BY ARCHITECT
INSTALL: ASHLAR

RESILIENT BASE
PROVIDED AND INSTALLED BY OWNER

RCB-1
MFG: JOHNSONITE
COLOR: MOON ROCK 29
SIZE: 4" RUBBER COVE

WOOD DOORS
MFG: GRAHAM
TYPE: PLAIN SLICED RED OAK
COLOR: CLEAR

PLASTIC LAMINATE
PL-1 (COUNTER TOPS)
MFG: WILSONART
COLOR: TO BE SELECTED FORM STANDARDS

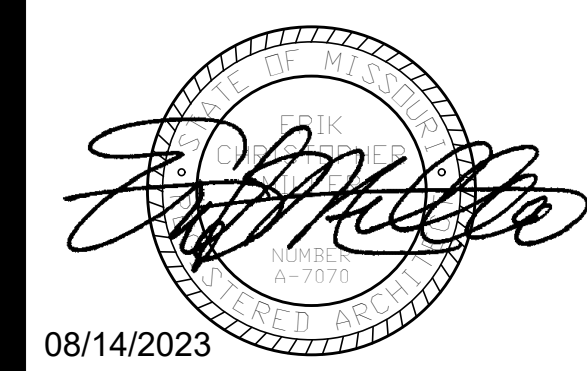
PL-2 (BASE AND FACE)
MFG: WILSONART
COLOR: TO BE SELECTED FROM STANDARD

SOLID SURFACE WINDOW SILLS:
MFG: WILSONART
COLOR: TO BE SELECTED FROM STANDARD

FINISH KEY

	LVT-1: VINYL COMPOSITE TILE
	CPT-1: CARPET TILE
	SHAW CONTRACT - OFFSET

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



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O222501 -
CAPITOL COMPLEX -
THIRD FLOOR
RENOVATIONS
MoDot MILLBOTTOM
601 WEST MAIN STREET
JEFFERSON CITY, MO

PROJECT # O2225-01
SITE #
ASSET #

REVISION: ADDEMDUM 2
DATE: 04/05/2024
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 08/14/2023

CAD DWG FILE: A-101
DRAWN BY: LC / MM / GM
CHECKED BY: EM
DESIGNED BY: EM

SHEET TITLE:
**3RD FLOOR
FINISH PLAN
AND SCHEDULE**

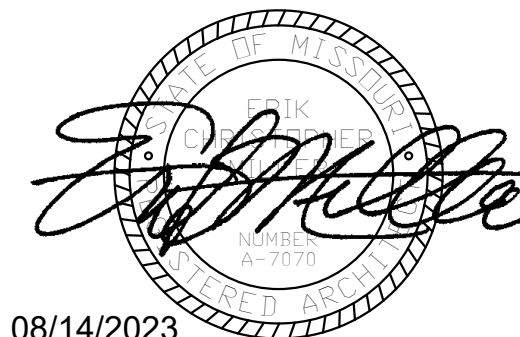
SHEET NUMBER:

A-106

08/14/2023
13 OF 29 SHEETS



3RD FLOOR FINISH PLAN
SCALE: 1/8" = 1'-0"



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THIRD FLOOR
RENOVATIONS
MoDOT MILLBOTTOM
BUILDING

CAPITOL COMPLEX -
MoDOT MILLBOTTOM
601 WEST MAIN STREET
JEFFERSON CITY, MO

PROJECT # O2225-01
SITE # 1001
ASSET # 3101001058

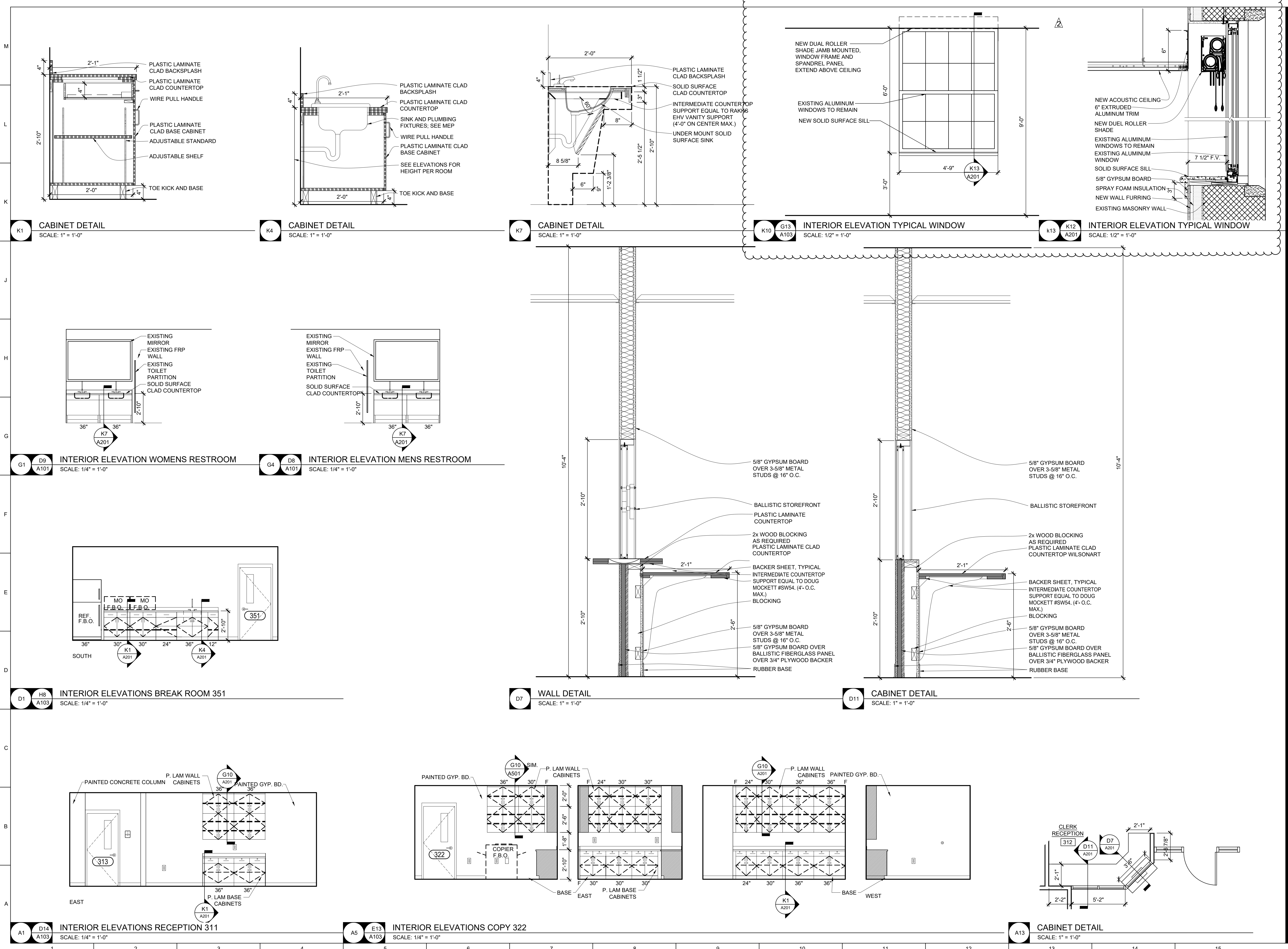
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DATE: 04/05/2024
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 08/14/2023

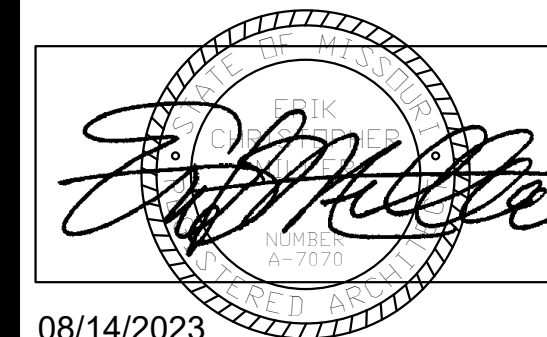
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DRAWN BY: LC / MM / GM
CHECKED BY: EM
DESIGNED BY: EM

SHEET TITLE:
INTERIOR
ELEVATIONS
AND DETAILS

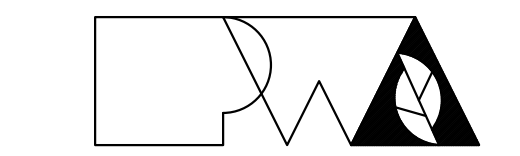
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A-201





08/14/2023



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Missouri State Certificate of Authority No. 000244

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THIRD FLOOR
RENOVATIONS
MoDOT MILLBOTTOM
BUILDING

CAPITOL COMPLEX -
MoDOT MILLBOTTOM
601 WEST MAIN STREET
JEFFERSON CITY, MO

PROJECT # O2225-01
SITE # 1001
ASSET # 3101001058

REVISION: ADDENDUM 2
DATE: 04/05/2024
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 08/14/2023

CAD DWG FILE:
DRAWN BY: LC / MM / GM
CHECKED BY: EM
DESIGNED BY: EM

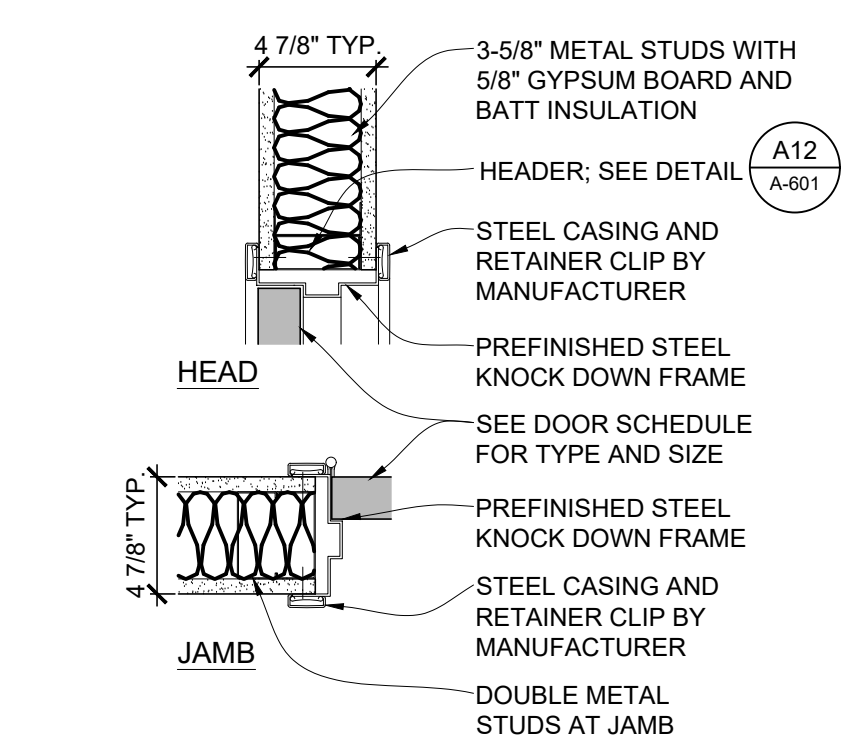
SHEET TITLE:
**DOOR SCHEDULE
AND DETAILS**

SHEET NUMBER:

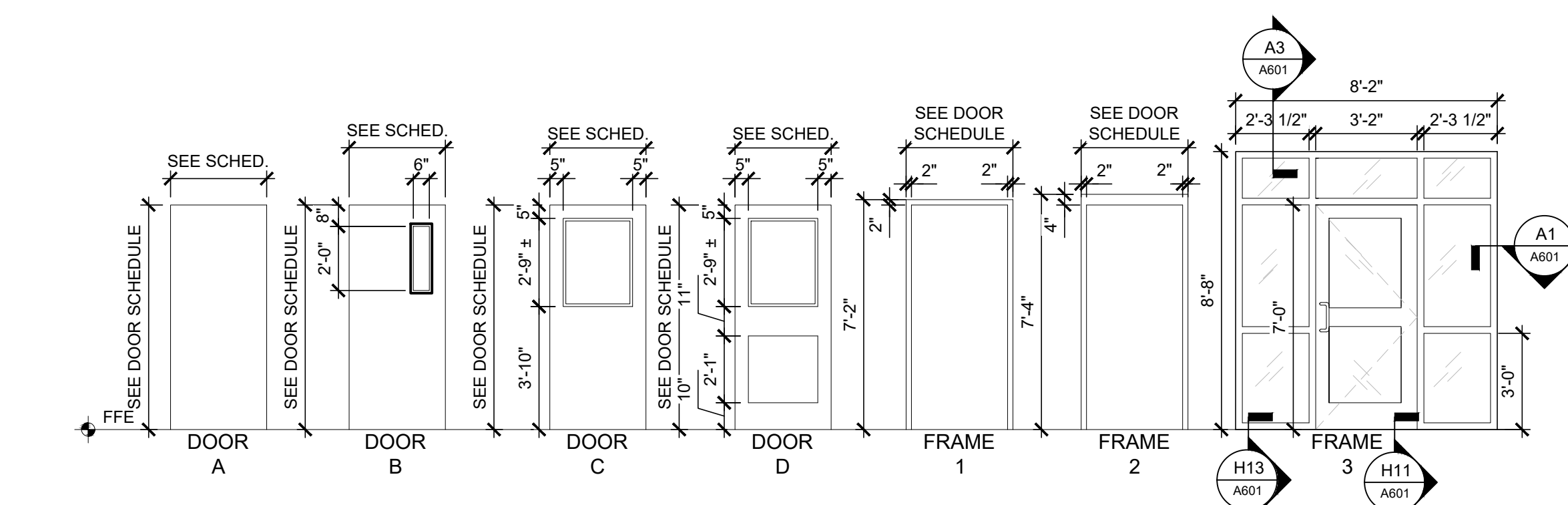
A-601

08/14/2023
16 OF 29 SHEETS

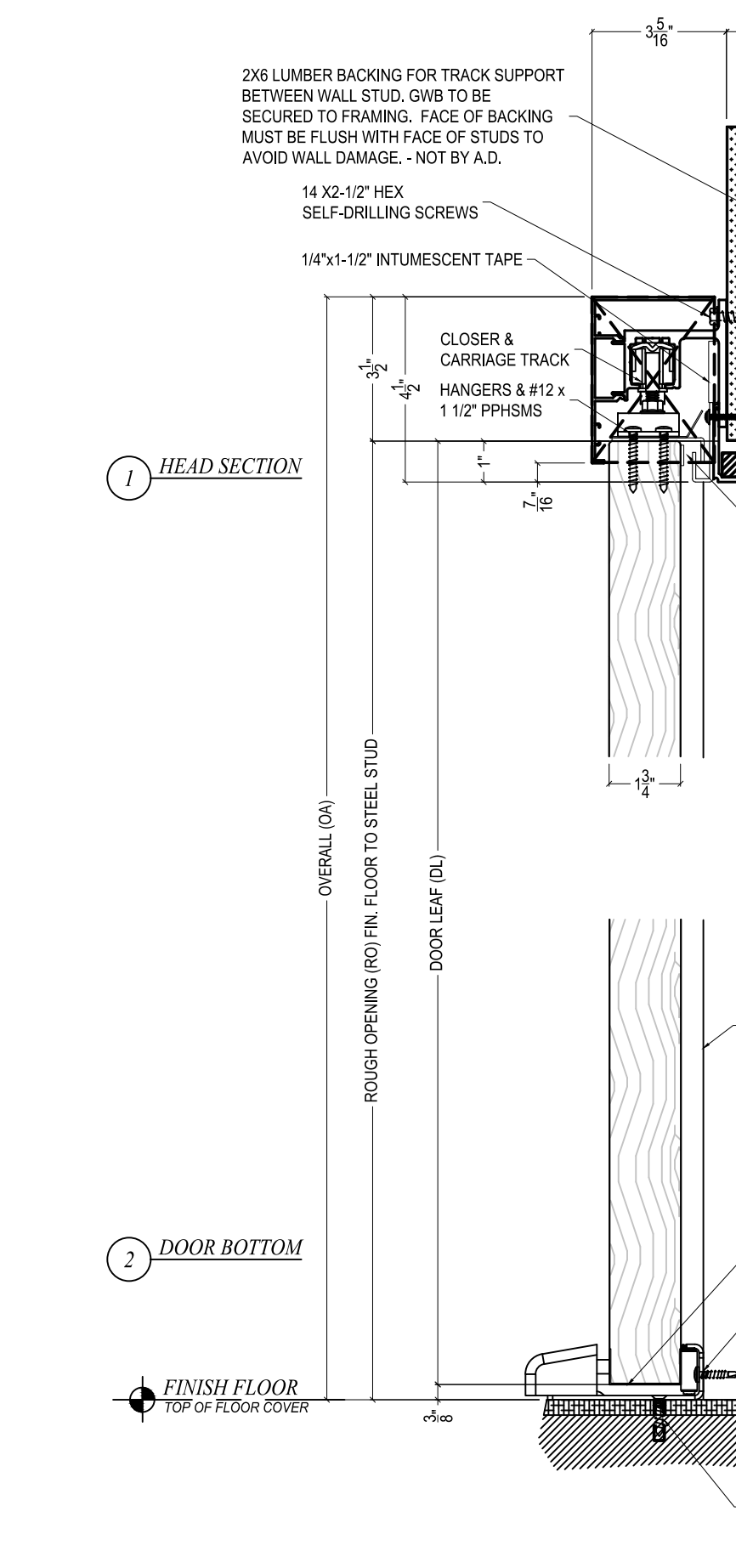
DOOR SCHEDULE				FRAME SCHEDULE				REMARKS		
DOOR NO.	LOCATION	DOOR LEAF SIZE W X H	MATERIAL	FRAME SIZE W X H	MATERIAL	DETAILS		* ALL GLAZING TEMPERED, TYPICAL		
DOOR ELEV.	DOOR ELEV.	DOOR ELEV.	DOOR ELEV.	DOOR ELEV.	DOOR ELEV.	DOOR ELEV.	DOOR ELEV.			
100	VESTIBULE	SLIDING 3'-6" x 7'-0"	B	45 MIN	3'-4" x 7'-2"	1	D7 / A601	A7 / A601	9	100
101	VESTIBULE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	101
102	VESTIBULE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	3	102
103	VESTIBULE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	103
104	VESTIBULE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	104
200	STAIR	SLIDING 3'-6" x 7'-0"	B	45 MIN	3'-4" x 7'-2"	1	D7 / A601	A7 / A601	9	200
201	CORRIDOR	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	103
300	STAIR	3'-0" x 7'-0"	B	45 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	6	300
304	I.T. / SERVER	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	304
305	LACTATION	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	3	305
306	INTERVIEW	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	3	306
308	JANITOR	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	308
309A	CONFERENCE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	309A
309B	CONFERENCE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	309B
310	STORAGE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	4	310
311	RECEPTION	3'-0" x 7'-0"	C	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	311
313	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	313
314	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	314
315	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	315
316A	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	316A
316B	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	316B
317	CONFERENCE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	317
318	RECEPTION	3'-2" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	3	A3 / A601	A1 / A601	8	318
319	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	319
320	STORAGE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	3	320
321	STORAGE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	4	321
322	STORAGE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	2	322
324A	VESTIBULE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	6	324A
324B	VESTIBULE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	2	H7 / A601	H7 / A601	7	324B
325	RECEPTION	3'-0" x 7'-0"	C	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	325
326A	STORAGE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	326A
326B	STORAGE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	326B
327	INTERVIEW	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	2	327
328	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	328
329	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	329
330	COPY	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	2	330
331	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	331
334	EQUIPMENT	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	4	334
335	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	335
336	MASK	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	2	336
337	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	337
338	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	338
339	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	339
340	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	340
341	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	341
343	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	343
345	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	345
346	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	346
347	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	347
348	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	2	348
351	BREAK ROOM	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	351
352	LOCKER ROOM	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	352
353	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	353
354	LOCKER ROOM	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	354
355	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	355
356A	CONFERENCE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	356A
356B	CONFERENCE	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	2	356B
357	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	357
358	FILE ROOM	3'-0" x 7'-0"	B	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	3	358
359	OFFICE	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	1	359
360	CORRIDOR	3'-0" x 7'-0"	A	20 MIN	3'-4" x 7'-2"	1	H7 / A601	H7 / A601	5	360



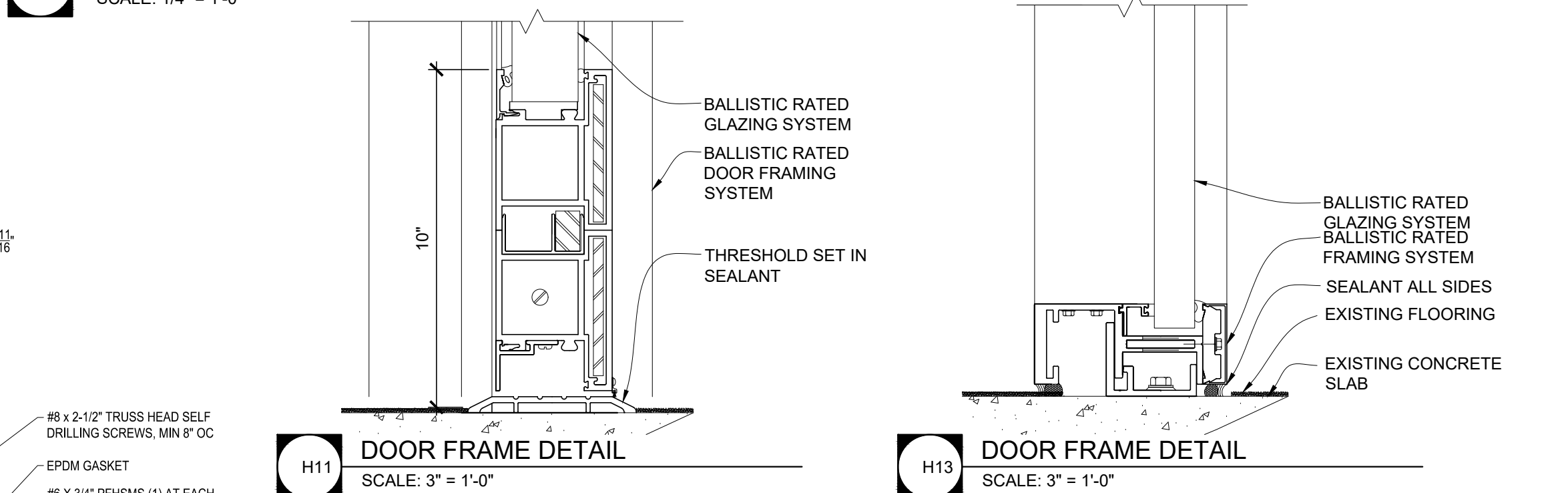
K7 DOOR FRAME DETAIL
SCALE: 1-1/2" = 1'-0"



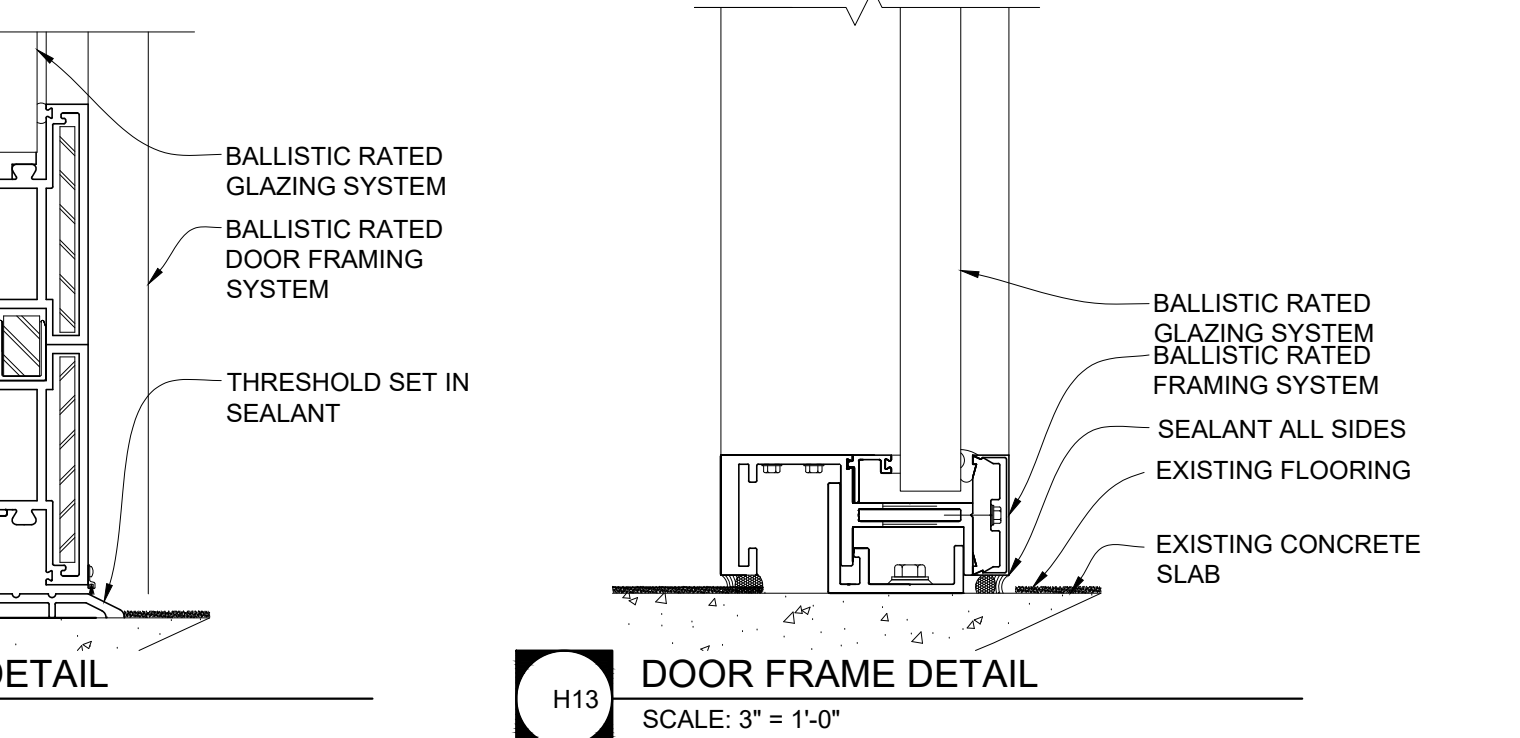
K10 DOOR AND FRAME ELEVATIONS
SCALE: 1/4" = 1'-0"



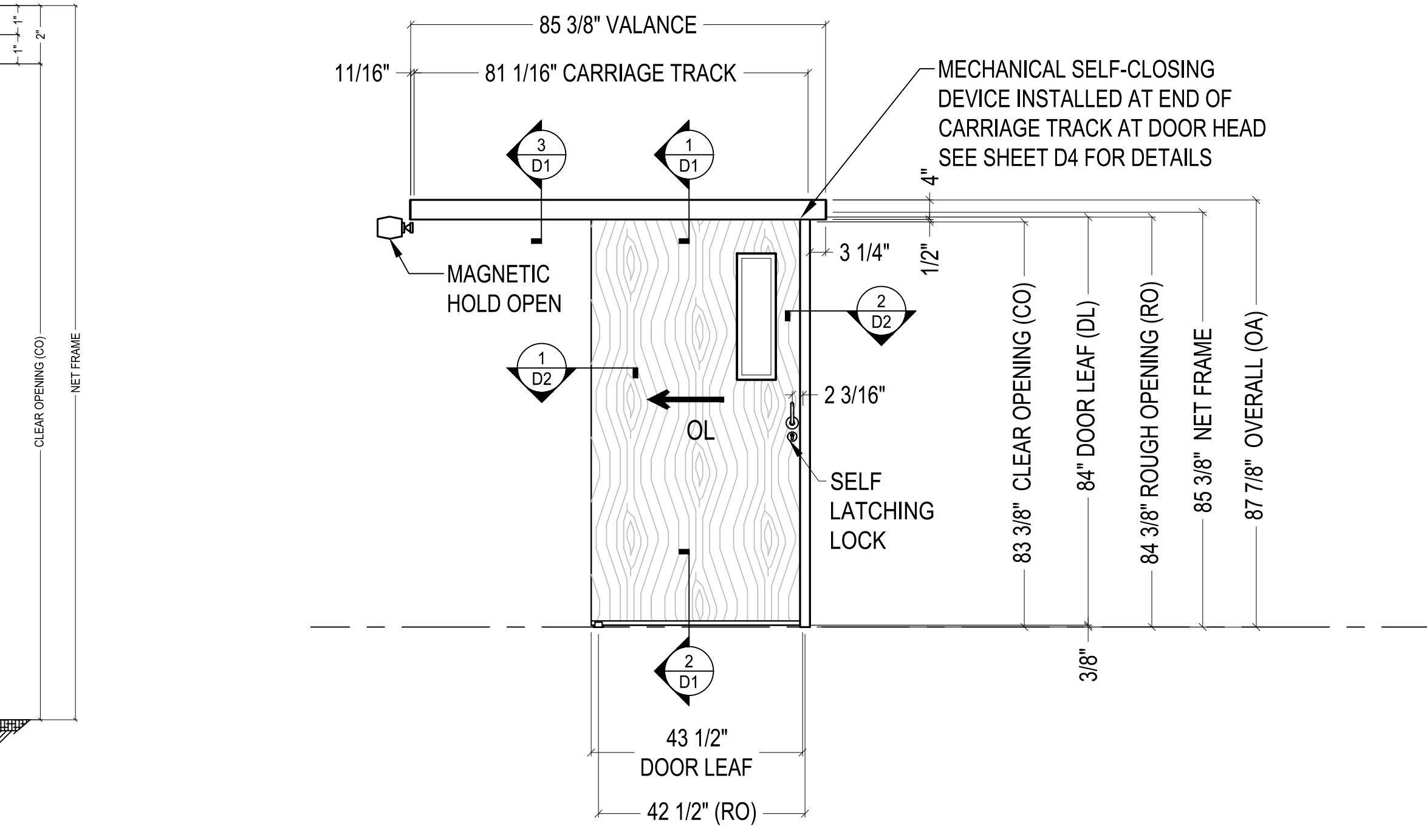
D7 DOOR DETAIL
SCALE: 1-1/2" = 1'-0"



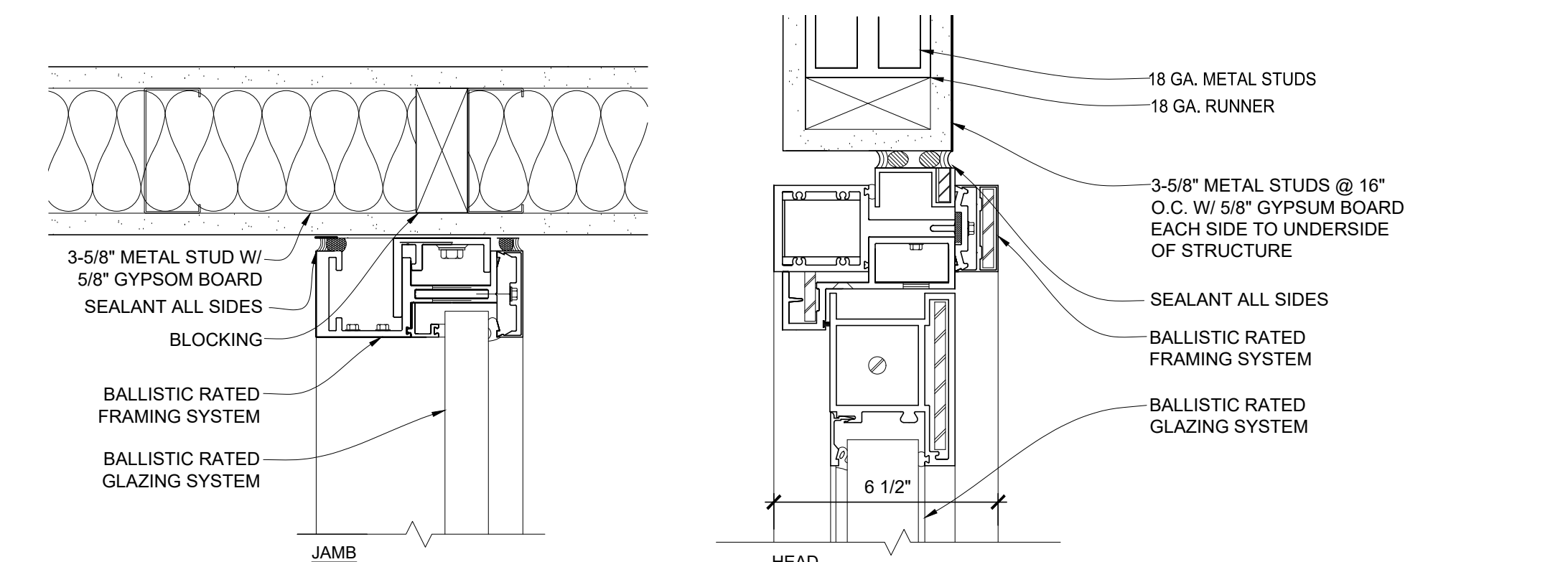
H11 DOOR FRAME DETAIL
SCALE: 3" = 1'-0"



H13 DOOR FRAME DETAIL
SCALE: 3" = 1'-0"



D11 DOOR DETAIL
SCALE: 1/2" = 1'-0"



A1 DOOR FRAME DETAIL
SCALE: 3" = 1'-0"

A3 DOOR FRAME DETAIL
SCALE: 3" = 1'-0"

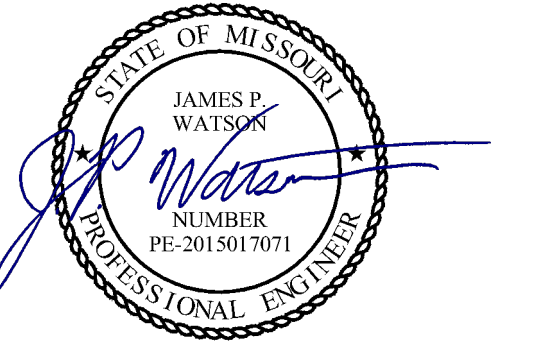
A7 DOOR DETAIL
SCALE: 1-1/2" = 1'-0"

ELECTRICAL DEMOLITION PLAN GENERAL NOTES:

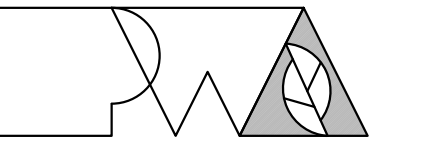
1. SEE SHEET E501 FOR ADDITIONAL ELECTRICAL NOTES, DETAIL, AND SCHEDULES.

ELECTRICAL DEMOLITION PLAN KEY NOTES:

- ① OWNER TO REMOVE ALL EXISTING LIGHT FIXTURES & CEILING FANS; CONTRACTOR SHALL DEMOLISH ALL ASSOCIATED CONDUITS & CONDUCTORS BACK TO PANEL.
- ② CONTRACTOR TO REMOVE EXISTING CONDUIT & CONDUCTORS FEEDING RTU. CONDUCTORS SHALL BE REMOVED BACK TO EXISTING BREAKER. CONDUIT SHALL BE REMOVED BACK TO PANEL USED AS J-BOX.
- ③ REMOVE EXISTING PANEL & CONDUCTORS BACK TO EXISTING J-BOX.
- ④ OA/FMDC - IT TO DEMOLISH ALL EXISTING DATA WIRING FROM SPACE.
- ⑤ OA-FMDC - IT TO DEMOLISH ALL EXISTING CAT5 DATA WIRING FROM BACK OF DATA RACK. EXISTING FIBER TO REMAIN.

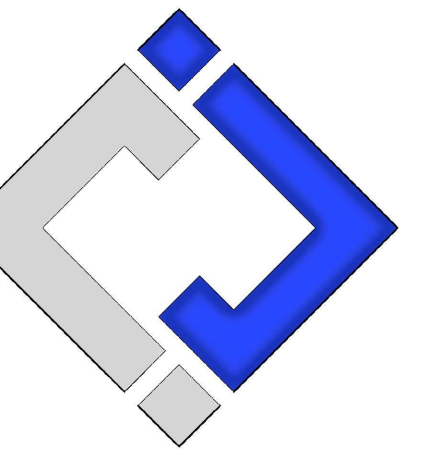


James Watson, P.E. April 5, 2024
PE-2015017071
MO Certificate of Authority # 2018029680



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THIRD FLOOR
RENOVATIONS
MoDOT MILLBOTTOM
BUILDING

MoDOT MILLBOTTOM
601 WEST MAIN STREET
JEFFERSON CITY, MO

PROJECT # O2225-01
SITE # 1001 - CAPITOL
COMPLEX
ASSET # 3101001058

REVISION: ADD #2
DATE: 04/05/2024
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 08/14/2023

CAD DWG FILE: J20606
DRAWN BY: DET
CHECKED BY: JPW
DESIGNED BY: JAP

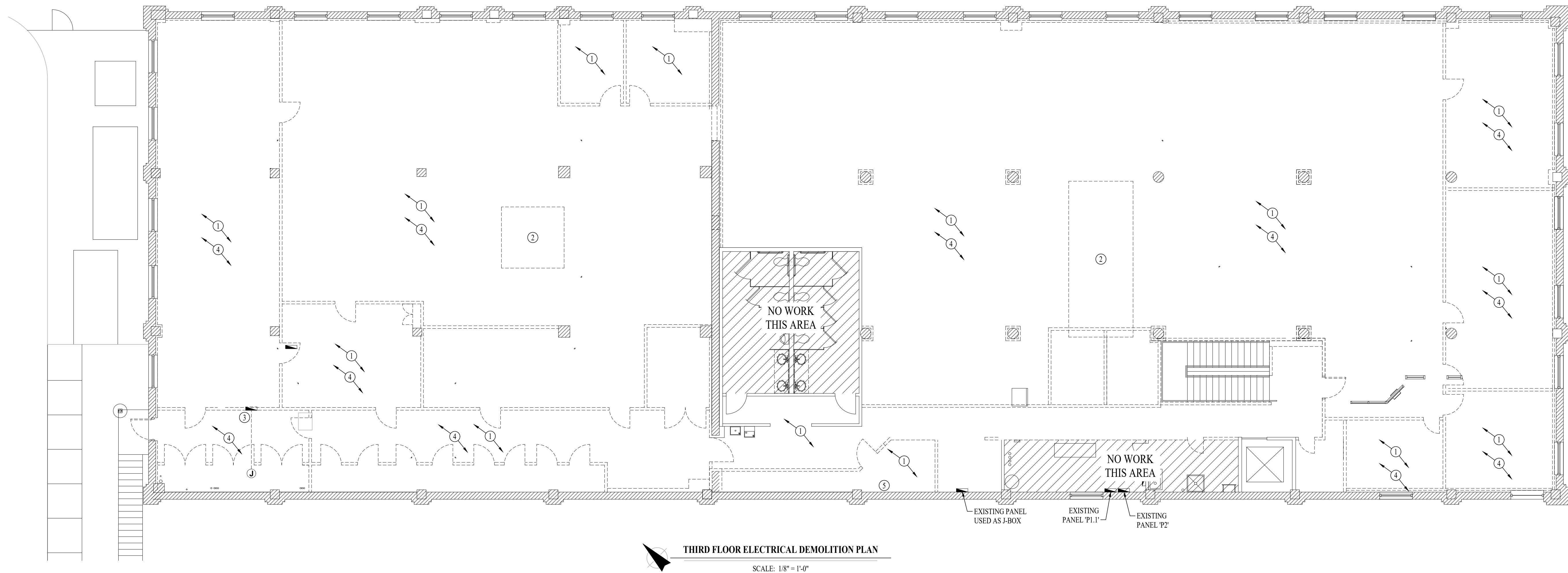
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**THIRD FLOOR
ELECTRICAL
DEMOLITION PLAN**

SHEET NUMBER:

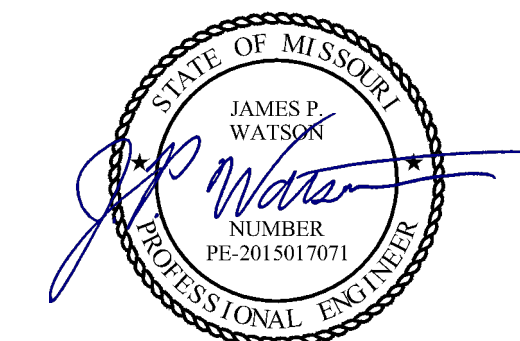
ED101

04/05/2024
19 OF 29 SHEETS

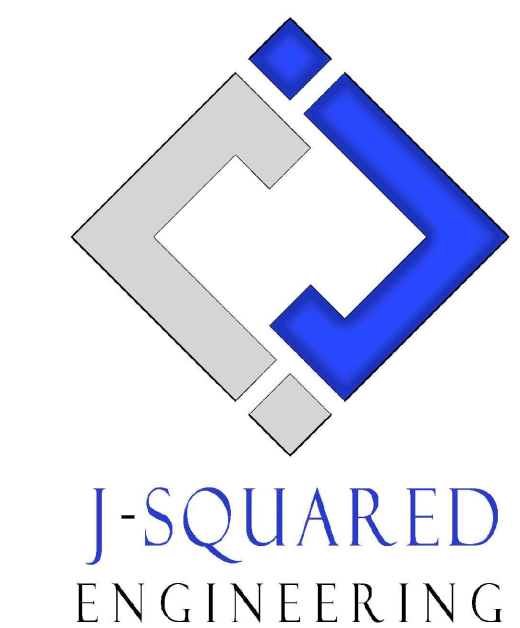


THIRD FLOOR ELECTRICAL DEMOLITION PLAN

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



James Watson, P.E. April 5, 2024
PE-2015017071
MO Certificate of Authority # 2018029680



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THIRD FLOOR
RENOVATIONS
MoDOT MILLBOTTOM
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601 WEST MAIN STREET
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PROJECT # O2225-01
SITE # 1001 - CAPITOL
COMPLEX
ASSET # 3101001058

REVISION: ADD #2
DATE: 04/05/2024
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 08/14/2023

CAD DWG FILE: J20606
DRAWN BY: DET
CHECKED BY: JPW
DESIGNED BY: JAP

SHEET TITLE:

THIRD FLOOR
POWER PLAN

SHEET NUMBER:

E101

04/05/2024
20 OF 29 SHEETS

POWER PLAN SYMBOL LEGEND

- CIRCUIT WIRING
- PA-XX CIRCUIT TAG
- (J) JUNCTION BOX
- XV (12) RECEPTACLE
INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
- "WP" = WEATHERPROOF OUTDOOR RECEPTACLE
"AW" = ABOVE WINDOW RECEPTACLE
"AC" = ABOVE CEILING RECEPTACLE
"EX" = EXISTING RECEPTACLE TO REMAIN
- (GFCI) GFCI DUPLEX CONVENIENCE RECEPTACLE
- (208V) 208V RECEPTACLE
- (Q) QUADPLEX CONVENIENCE RECEPTACLE
- (U) USB OUTLET WITH USB-A & USB-C CHARGING PORT
- (D) DATA / PHONE JACK BOX WITH 1" CONDUIT & (2) CAT 6 CABLES BACK TO LT. ROOM (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
- (AP) WIRELESS ACCESS POINT, CEILING MOUNTED
- (F) FLOOR RECEPTACLE
- (D) FLOOR DATA
- (D) DISCONNECT
- (FD) FUSED DISCONNECT
- (FS) FUSED SWITCH
- (SD) STARTER / DISCONNECT
- (X) TIE INTO EXISTING

SECURITY PLAN SYMBOL LEGEND

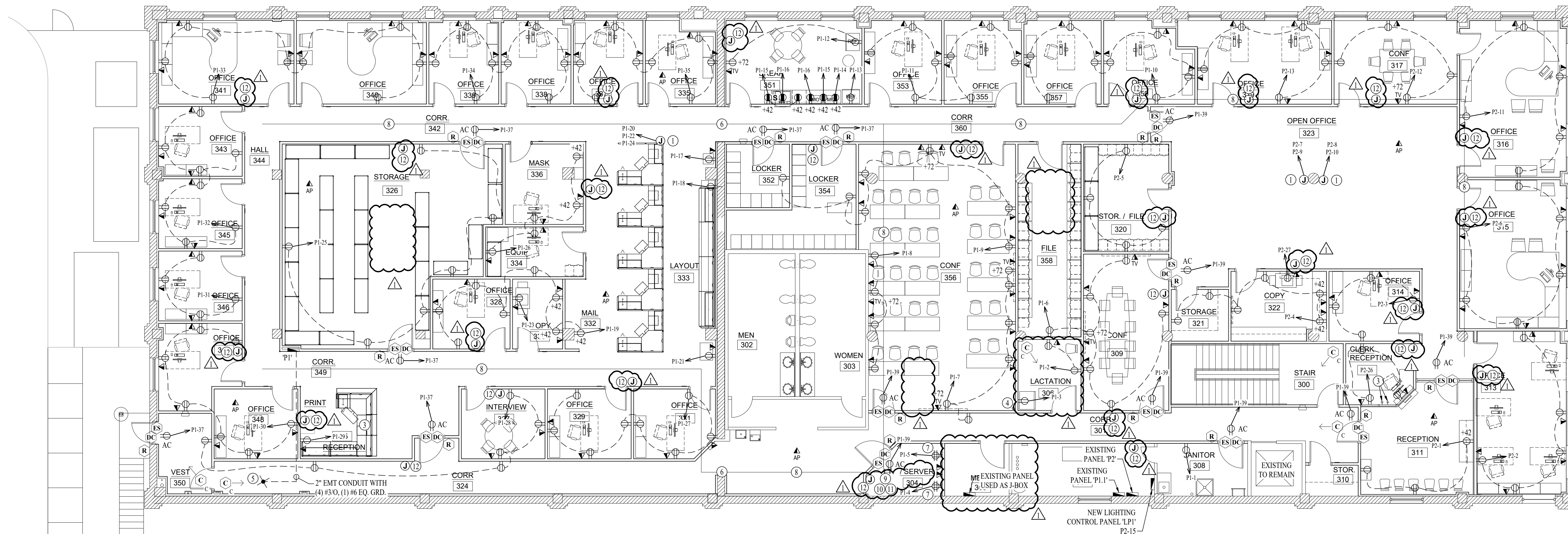
- (R) READER
- (M) MOTION DETECTOR
- (KP) ALARM KEYPAD
- (DC) DOOR CONTACT
- (P) PANIC
- (GB) GLASS BREAK SENSOR
- (ES) ELECTRIC STRIKE
- (BURG) BURGLAR PANEL
- (C_w) WALL MOUNT CAMERA (ARROW INDICATES VIEW DIRECTION)
- (C_c) CEILING MOUNT CAMERA (ARROW INDICATES VIEW DIRECTION)

POWER PLAN GENERAL NOTES:

1. SEE SHEET E501 FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
2. PHONE IS VOICE-OVER-DATA. PHONE & DATA SERVICE PROVIDED BY CENTURYLINK THROUGH STATE CONTRACT.
3. CONTRACTOR TO PROVIDE J-HOOKS AS NECESSARY TO PROVIDE PATHWAY TO EACH DATA DROP. SUPPORTS SHALL BE EVERY 4'-0".
4. SECURITY DEVICES ARE SHOWN FOR ROUGH-IN ONLY.

POWER PLAN KEY NOTES:

- (1) CIRCUITS TO POWER POLE AS SHOWN. PIGTAIL PROVIDED BY STATE OF MISSOURI TO BE WIRED IN BY CONTRACTOR.
- (2) NOT USED.
- (3) DOOR / ELECTRIC STRIKE OVERRIDE PUSH BUTTON.
- (4) 4" EMT CONDUIT STUBBED THRU ROOF TO ABOVE CEILING & CAPPED FOR FUTURE.
- (5) TIE INTO EXISTING FROM DEMOLISHED PANEL.
- (6) PROVIDE EZ PATH SYSTEM (EQUAL TO EZDP333GK) ABOVE CEILING.
- (7) MOUNT QUADPLEX ON RACK INSTALLED BY STATES IT DEPARTMENT.
- (8) 8" WIDE x 3" TALL WIRE BASKET CABLE TRAY. TOP OF CABLE TRAY SHALL BE MOUNTED 4" BELOW ROOF STRUCTURE. COORDINATE LOCATION WITH HVAC CONTRACTOR ON OA PROJECT #02330-01 TO PREVENT CONFLICTS WITH NEW DUCTWORK.
- (9) PROVIDE 8" WIDE CABLE LADDER DOWN TO RACK.
- (10) OAFMDC TO PROVIDE (1) 48-PORT CAT6 PATCH PANEL KIT WITH KEYSTONES. PATCH PANEL WILL BE INSTALLED BY OAFMDC.
- (11) OAFMDC SHALL PROVIDE 6-STRAND OM4 FIBER FROM FIRST FLOOR IT ROOM TO THIS ROOM.
- (12) PROVIDE 4x4 BOX WITH MUD RING & CONDUIT UP TO ABOVE CEILING FOR FUTURE THERMOSTAT. COORDINATE LOCATION WITH HVAC CONTRACTOR ON OA PROJECT #02330-01.



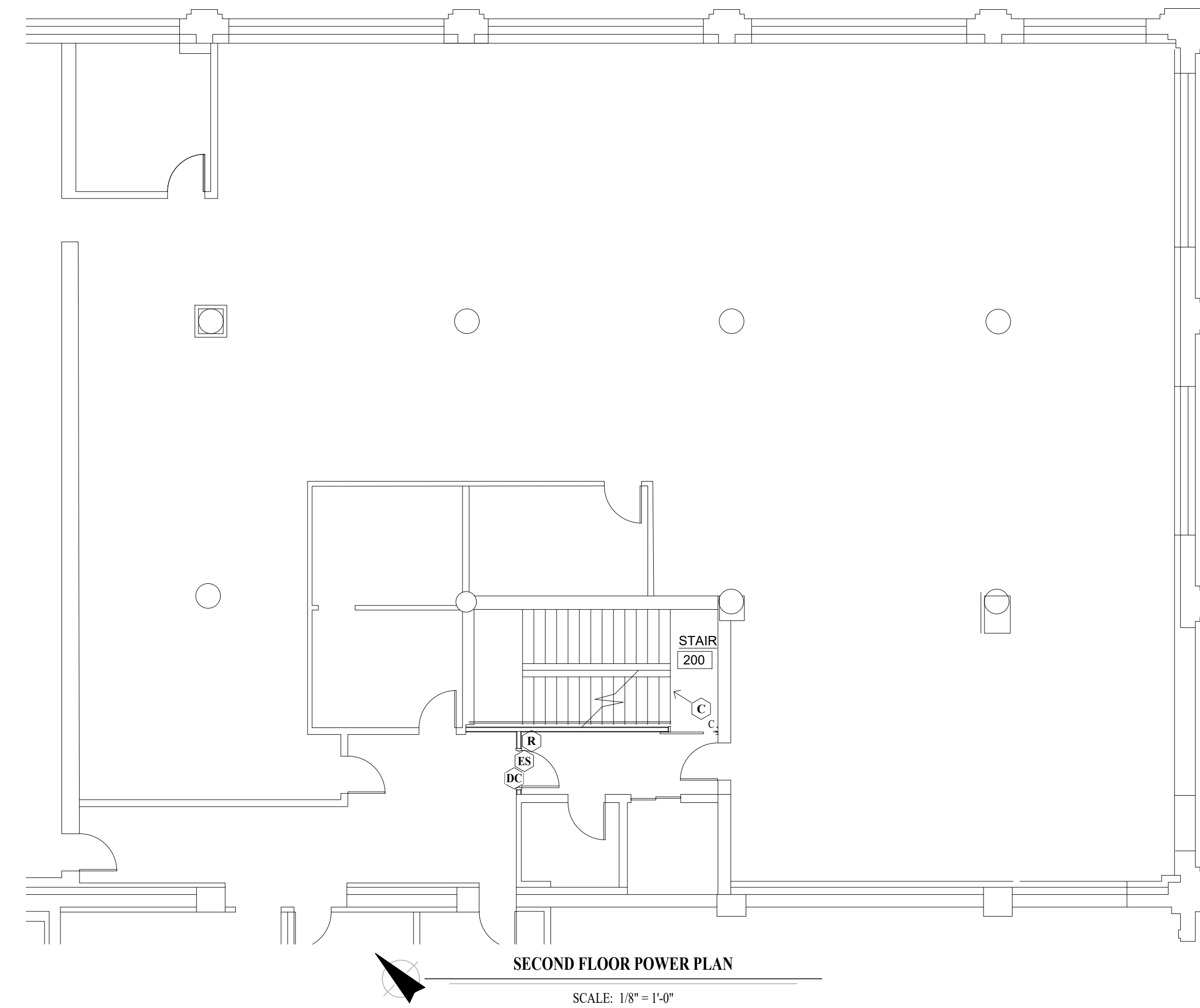
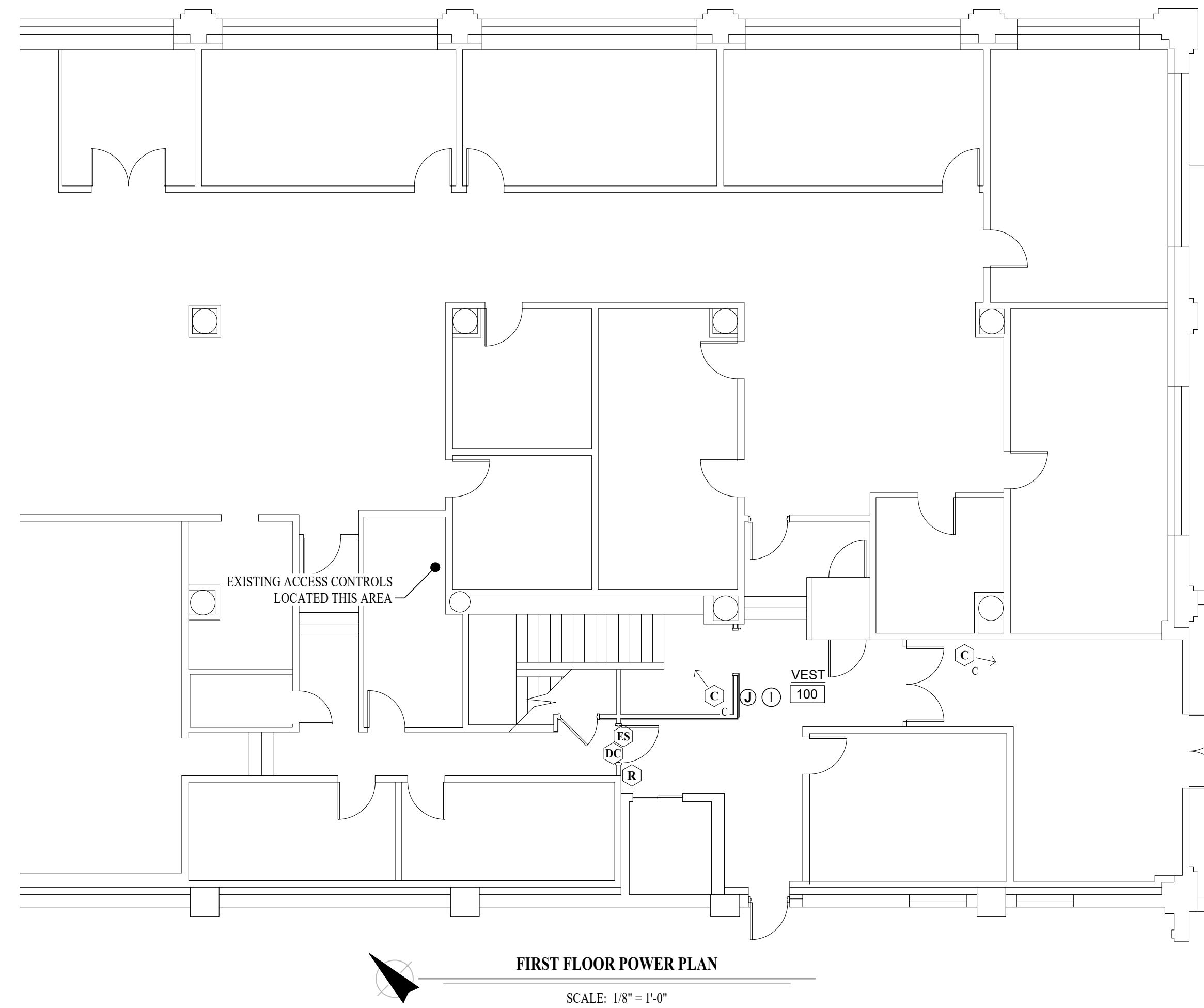
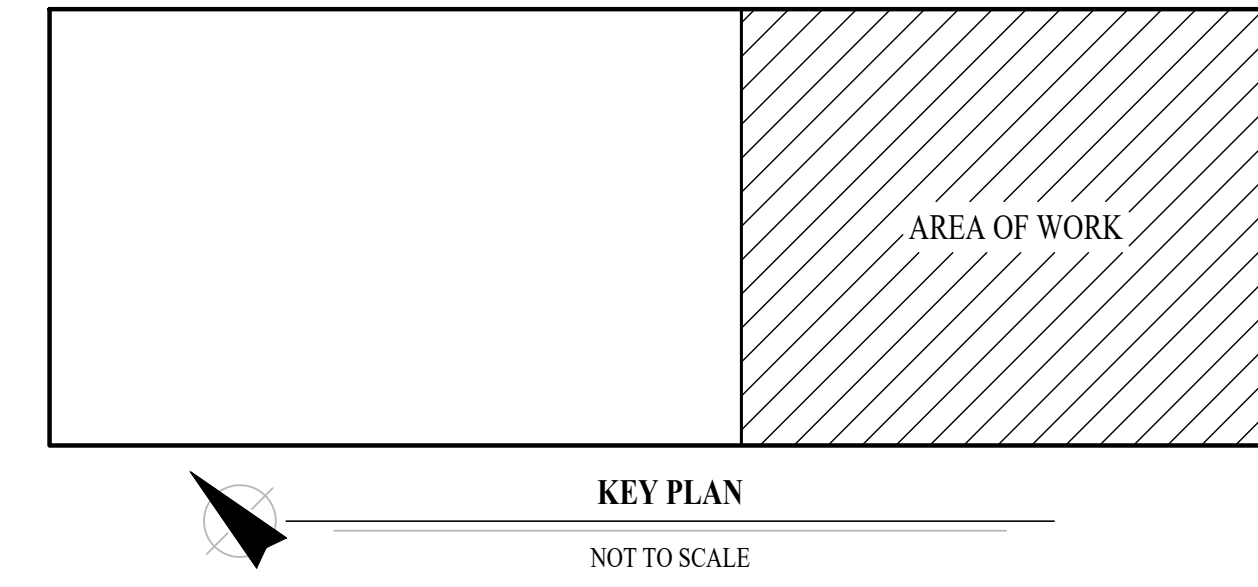
THIRD FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

POWER PLAN GENERAL NOTES:

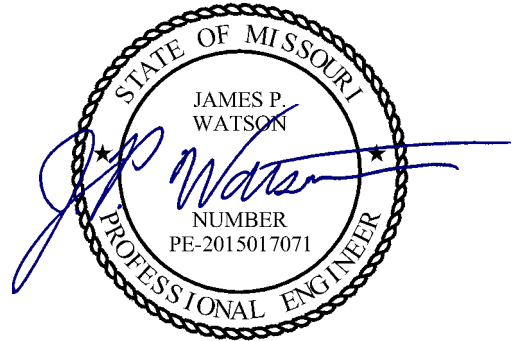
1. SEE SHEET E501 FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
2. SECURITY DEVICES ARE SHOWN FOR ROUGH-IN ONLY.

POWER PLAN KEY NOTES:

- ① POWER FOR MAG HOLD IN SLIDING DOOR, WIRE THRU FIRE ALARM SYSTEM.



**STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR**

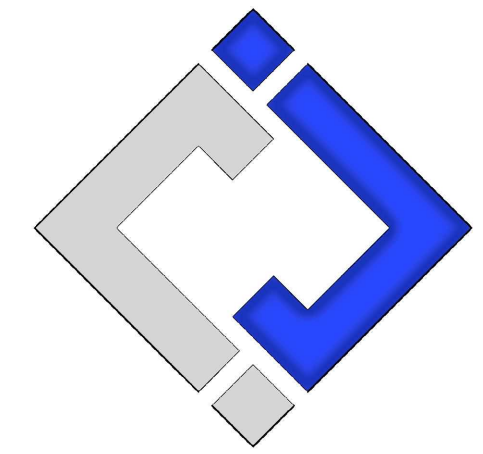


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**THIRD FLOOR
RENOVATIONS
MoDOT MILLBOTTOM
BUILDING**

**MoDOT MILLBOTTOM
601 WEST MAIN STREET
JEFFERSON CITY, MO**

**PROJECT # O2225-01
SITE # 1001 - CAPITOL
COMPLEX
ASSET # 3101001058**

REVISION: ADD #2
DATE: 04/05/2024
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DATE: _____

ISSUE DATE: 08/14/2023

CAD DWG FILE: J20606
DRAWN BY: DET
CHECKED BY: JPW
DESIGNED BY: JAP

SHEET TITLE:

**FIRST & SECOND
FLOOR POWER
PLANS**

SHEET NUMBER:

E102

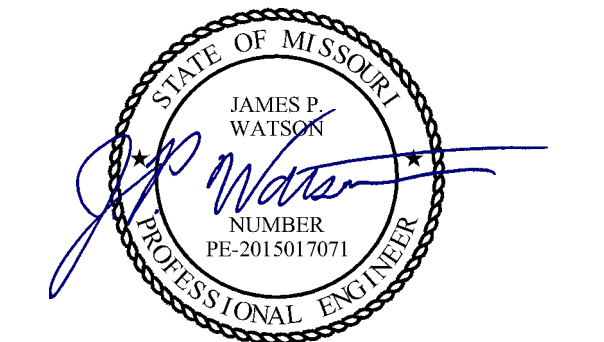
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21 OF 29 SHEETS

LIGHTING PLAN SYMBOL LEGEND

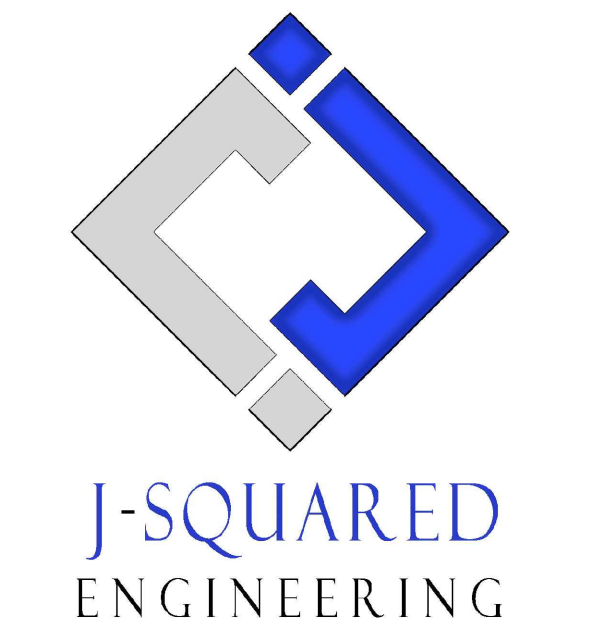
- XI — "XI" INDICATES FIXTURE TYPE (REFER TO SCHEDULE)
 - — LIGHTING FIXTURE
 - EM — "EM" INDICATES EMERGENCY BATTERY BACKUP
 - NL — "NL" INDICATES UN-SWITCHED NIGHT LIGHT
-
- EXIT LIGHT
 - INDICATES REQUIRED REMOTE HEAD
 - EMERGENCY EGRESS LIGHT
 - SWITCH (WALL MOUNTED)
 - SWITCH TYPE:
 - 3 = 3-WAY
 - 4 = 4-WAY
 - OP = PASSIVE INFRARED OCCUPANCY SENSOR
 - OI = ULTRASONIC OCCUPANCY SENSOR
 - OT = DUAL-TECHNOLOGY OCCUPANCY SENSOR
 - VP = PASSIVE INFRARED VACANCY SENSOR
 - VU = ULTRASONIC VACANCY SENSOR
 - VT = DUAL-TECHNOLOGY VACANCY SENSOR
 - M = MOMENTARY SWITCH
 - SS = SCENE SWITCH
 - DIMMER SWITCH (WALL MOUNTED)
 - SWITCH TYPE:
 - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS
 - SWITCH (CEILING MOUNTED)
 - SWITCH TYPE:
 - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS
 - POWER PACK
-
- OCCUPANCY SENSOR**
- AUTO FULL-ON (OR 50% IF NOTED)
 - AUTOMATICALLY TURN OFF LIGHTING AFTER 20 MINUTES WITHOUT OCCUPANT DETECTION
 - WITH MANUAL OVERRIDE CONTROL (IF NOTED)
-
- VACANCY SENSOR**
- MANUAL FULL-ON
 - AUTOMATICALLY TURN OFF LIGHTING AFTER 20 MINUTES WITHOUT OCCUPANT DETECTION
 - WITH MANUAL OVERRIDE CONTROL (IF NOTED)

LIGHTING PLAN GENERAL NOTES:

1. SEE SHEET E501 FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
2. OCCUPANCY / VACANCY SENSOR QUANTITIES AND GENERAL LOCATIONS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE AND INSTALL SENSOR WITH SPACING PER MANUFACTURER SPECIFICATIONS AND INCLUDE ADDITIONAL SENSORS IF NECESSARY. CEILING-MOUNTED SENSORS SHALL BE INSTALLED WITHIN MANUFACTURER'S ACCEPTABLE MOUNTING HEIGHT RANGE.



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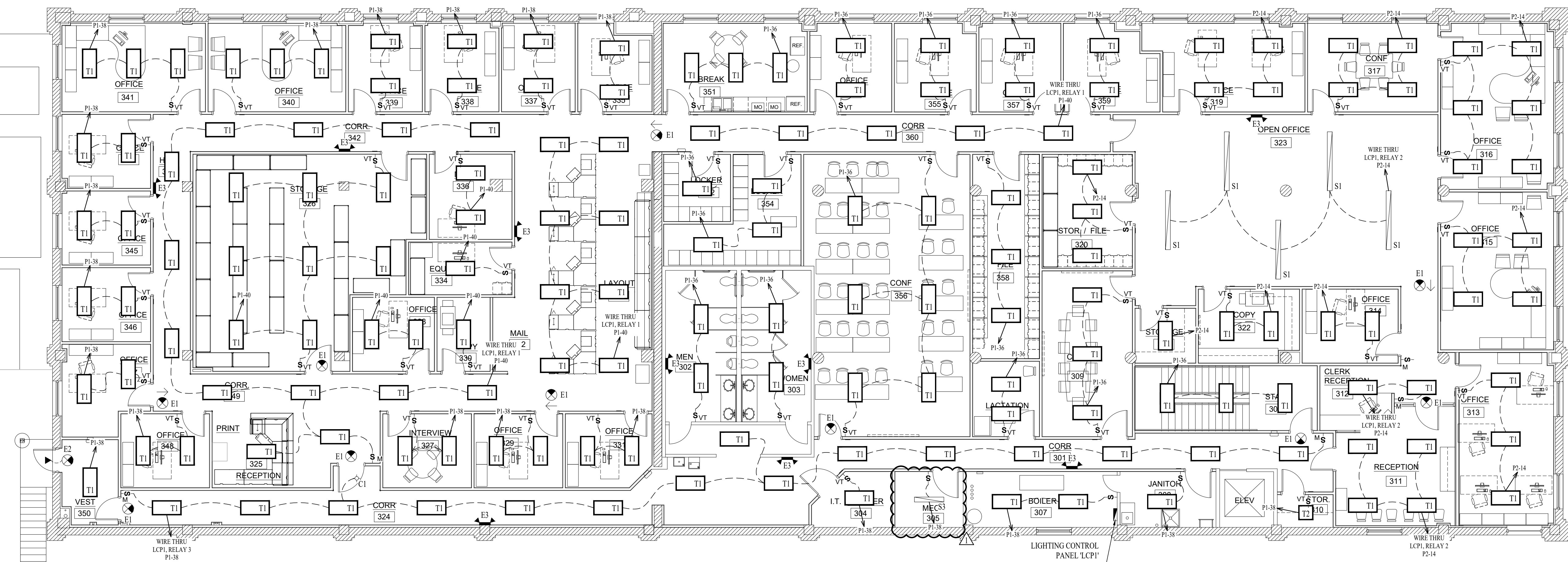
SHEET TITLE:

THIRD FLOOR
LIGHTING PLAN

SHEET NUMBER:

E103

04/05/2024
22 OF 29 SHEETS



THIRD FLOOR LIGHTING PLAN

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

FIRE ALARM PLAN SYMBOL LEGEND

- F** MANUAL PULL STATION
- M** MODULE
- O** OUTPUT MODULE
- SD** SMOKE DETECTOR
- S** STROBE - CEILING MOUNT
- S** STROBE - WALL MOUNT
- HS** HORN STROBE - WALL MOUNT
- HS** HORN STROBE - CEILING MOUNT
- T** TAMPER SWITCH
- WF** WATER FLOW SWITCH
- FACP** FIRE ALARM CONTROL PANEL
- ANN** FIRE ALARM ANNUNCIATOR

FIRE ALARM SYSTEM SPECIFICATIONS

1. FIRE ALARM SYSTEM SHALL BE AN ADDRESSABLE SYSTEM THAT IS NONCODED, UL-LISTED, WITH MULTIPLEX SIGNAL TRANSMISSION AND HORN/STROBE EVACUATION.
2. EVERY FIRE ALARM SYSTEM COMPONENT SHALL BE UL-LISTED AND UL-CERTIFIED, TESTED BY MANUFACTURERS AS A COMPLETE SYSTEM, AND MEET ALL APPLICABLE REQUIREMENTS OF NFPA 72.
3. ALL FIRE ALARM WIRING TO BE PLENUM RATED.
4. ALL INITIATING DEVICES INSTALLED IN UNCONDITIONED SPACES SHALL BE CONVENTIONAL DEVICES SUITABLE FOR USE IN EXTREME HIGH AND LOW TEMPERATURES AND HIGH HUMIDITY. SUCH DEVICES SHALL BE SUPERVISED BY ADDRESSABLE MONITOR MODULES LOCATED IN CONDITIONED SPACES.
5. QUANTITIES, TYPES, AND LOCATIONS OF INITIATING DEVICES AND OUTPUT MODULES FOR INTERCONNECTION WITH FIRE SUPPRESSION MUST BE COORDINATED WITH CONTRACTORS THAT ARE RESPONSIBLE FOR THOSE SYSTEMS.

DEFERRED SUBMITTAL NOTES

1. FIRE ALARM CONTRACTOR TO PROVIDE DEFERRED SUBMITTAL FOR FIRE ALARM SYSTEM THAT WILL BE TIED INTO EXISTING EDWARDS FIRE ALARM SYSTEM. SUBMITTAL TO INCLUDE BATTERY CALCULATION, VOLTAGE DROP CALCULATIONS, SEALED ENGINEERED PLANS, AND DEVICE CUT SHEETS FOR DEVICES & PANELS.

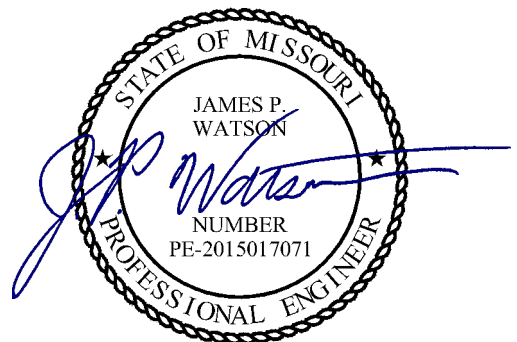
FIRE ALARM DEVICE TYPICAL LOCATIONS:

1. VERIFY EXACT LOCATIONS WITH LATEST NFPA REQUIREMENTS;
2. CEILING MOUNTED SMOKE / HEAT DETECTORS:
 - 2.1. MUST BE MOUNTED AT LEAST 36" FROM HVAC GRILLES / DIFFUSERS
 - 2.2. MUST BE LOCATED AT LEAST 4" FROM WALL/CEILING INTERSECTIONS (MEASURED FROM EDGE OF DEVICE)
3. WALL MOUNTED SMOKE / HEAT DETECTORS:
 - 3.1. MUST BE LOCATED AT LEAST 4" FROM WALL/CEILING INTERSECTIONS (MEASURED FROM EDGE OF DEVICE)
 - 3.2. MUST BE LOCATED WITHIN AT LEAST 12" FROM WALL/CEILING INTERSECTION (MEASURED FROM EDGE OF DEVICE)
4. MANUAL PULL STATIONS:
 - 4.1. MUST BE LOCATED WITHIN 5' OF EXTERIOR DOORWAY (MEASURED FROM CENTER OF PULL STATION TO NEAREST EDGE OF DOOR)
 - 4.2. MUST BE LOCATED BETWEEN 42" AND 54" A.F.F. (MEASURED FROM FINISH FLOOR TO CENTER OFF PULL STATION)
5. MAGNETIC DOOR HOLDER:
 - 5.1. MUST BE LOCATED 6" BELOW TOP OF DOOR (MEASURED FROM TOP OF DOOR TO TOP OF DOOR HOLDER)
 - 5.2. MUST BE LOCATED DOOR WIDTH MINUS THREE INCHES FROM DOOR (MEASURED FROM NEAREST EDGE OF HOLDER TO NEAREST EDGE OF DOOR).
6. FIRE ALARM CONTROL PANEL:
 - 6.1. MUST BE LOCATED AT MAXIMUM OF 72" A.F.F. (MEASURED FROM FINISH FLOOR TO TOP OF FIRE ALARM CONTROL PANEL)
7. FIRE ALARM ANNUNCIATOR:
 - 7.1. MUST BE LOCATED AT MAXIMUM OF 60" A.F.F. (MEASURED FROM FINISH FLOOR TO TOP OF FIRE ALARM ANNUNCIATOR PANEL)
8. WALL MOUNTED STROBE DEVICES (VISUAL ONLY):
 - 8.1. MUST BE LOCATED AT 84" A.F.F. (MEASURED FROM FINISH FLOOR TO BOTTOM OF BACK BOX)
 - 8.2. MUST BE LOCATED AT MOST 24" FROM WALL/CEILING INTERSECTION WITHIN HANDICAP BEDROOMS (MEASURED FROM WALL/CEILING INTERSECTION TO BOTTOM OF BACK BOX)
9. WALL-MOUNTED HORN / STROBE DEVICES (AUDIBLE & VISUAL):
 - 9.1. MUST BE LOCATED AT 84" A.F.F. (MEASURED FROM FINISH FLOOR TO BOTTOM OF BACK BOX)

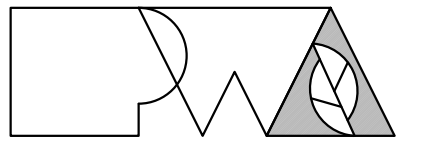


THIRD FLOOR FIRE ALARM PLAN

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

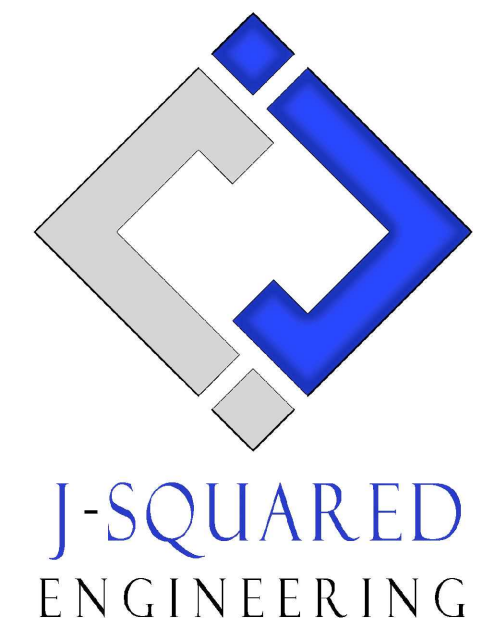


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THIRD FLOOR
RENOVATIONS
MoDOT MILLBOTTOM
BUILDING

MoDOT MILLBOTTOM
601 WEST MAIN STREET
JEFFERSON CITY, MO

PROJECT # O2225-01
SITE # 1001 - CAPITOL
COMPLEX
ASSET # 3101001058

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CAD DWG FILE: J20606
DRAWN BY: DET
CHECKED BY: JPW
DESIGNED BY: JAP

SHEET TITLE:

THIRD FLOOR
FIRE ALARM PLAN

SHEET NUMBER:

F101

04/05/2024
25 OF 29 SHEETS

WATER & GAS PLAN SYMBOL LEGEND

- COLD WATER LINE
- HOT WATER LINE
- HOT WATER RECIRCULATION LINE
- Ⓜ WATER METER
- ✕ VALVE
- PUMP
- ○ PIPING TURNED DOWN / TURNED UP
- ✕ TIE INTO EXISTING

WATER & GAS PLAN GENERAL NOTES:

1. SEE SHEET P501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, & SCHEDULES.
2. NEW WATER LINES ARE TO BE RUN IN CEILING OF SECOND FLOOR.

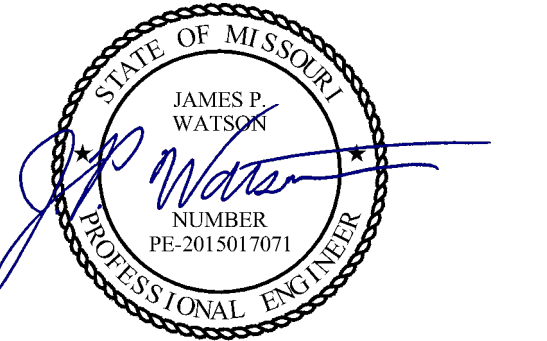
WATER & GAS PLAN KEY NOTES:

- ① INSTALL FULL PORT BALL VALVE WHERE TYING INTO EXISTING WATER LINES. NEW VALVES SHALL ISOLATE NEW WATER LINES.

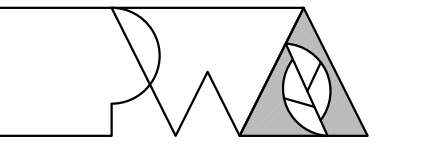


THIRD FLOOR WATER PLAN

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

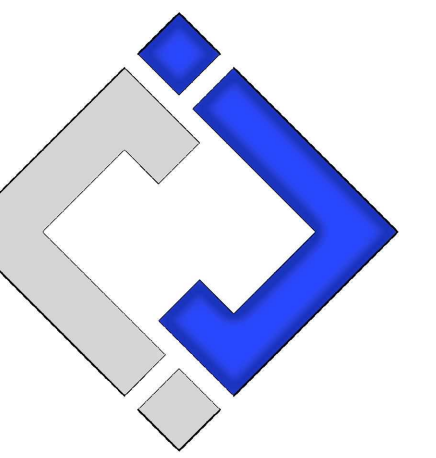


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SHEET TITLE:

**THIRD FLOOR
WATER PLAN**

SHEET NUMBER:

P102

04/05/2024
27 OF 29 SHEETS

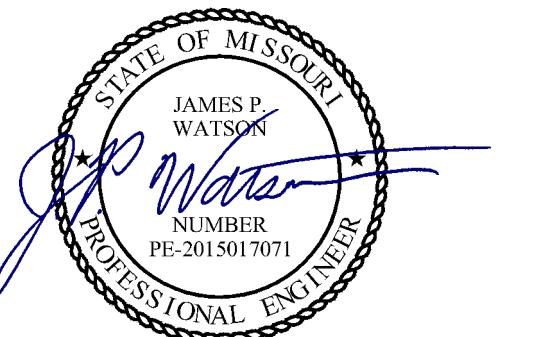
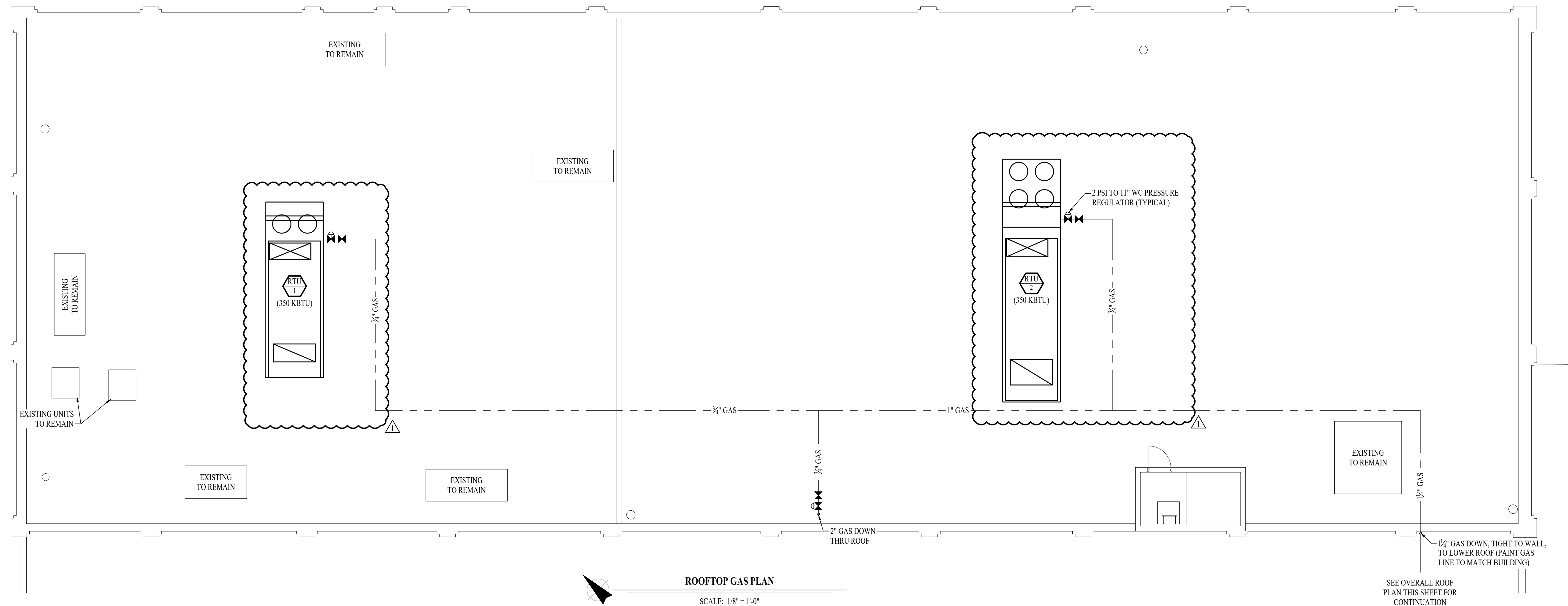
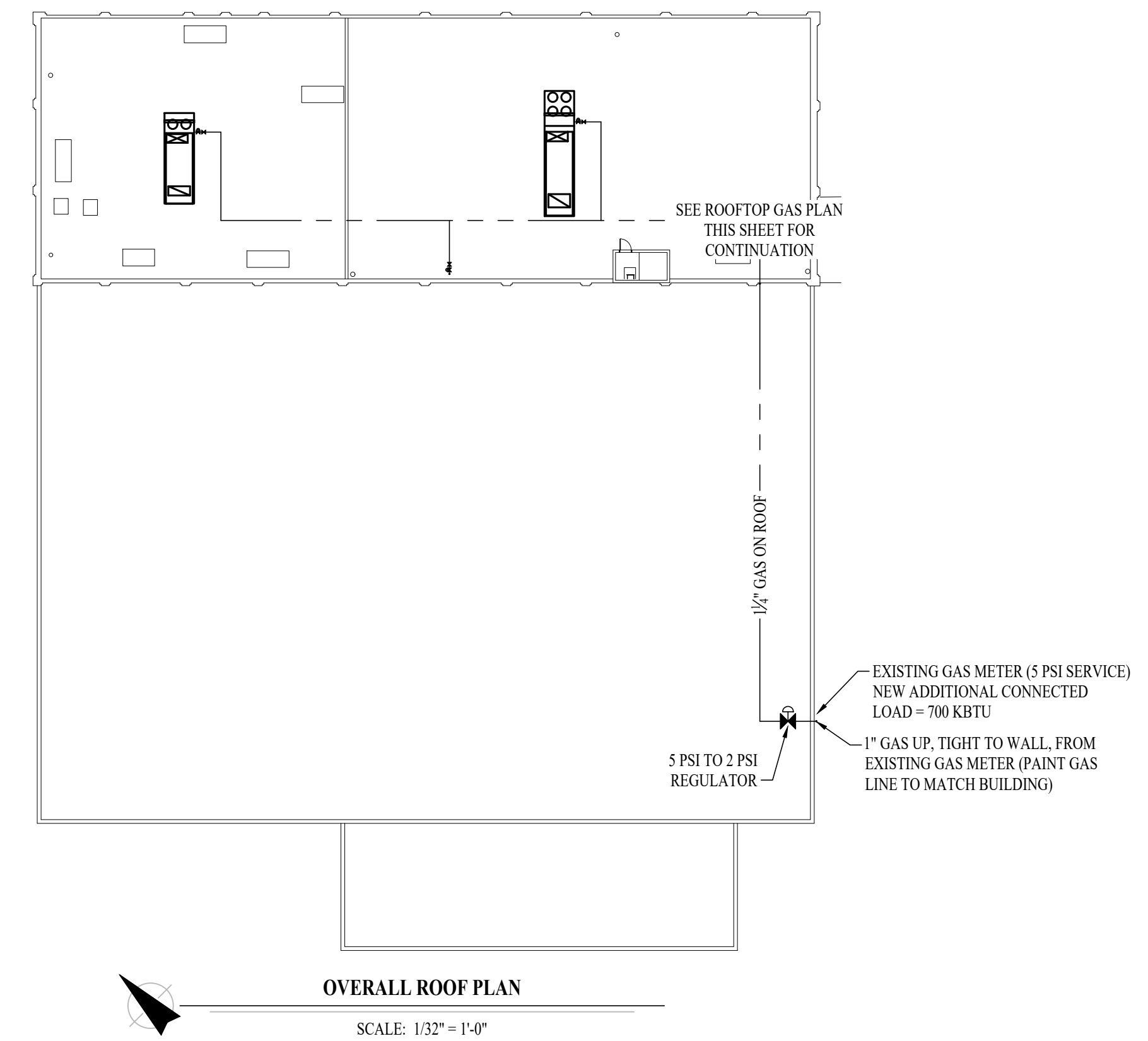
ROOFTOP GAS PLAN SYMBOL LEGEND

- GAS PIPING
- ⊘ VALVE
- ⊘ 2 PSI TO 11" WC PRESSURE REGULATOR
- ○ PIPING TURNED DOWN / TURNED UP
- ✕ TIE INTO EXISTING

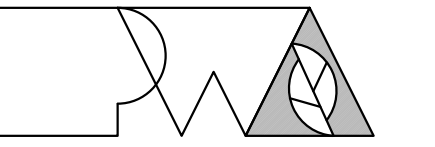
ROOFTOP GAS PLAN GENERAL NOTES:

1. SEE SHEET P501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, & SCHEDULES.

NOTE:
 DETAILS ON THIS SHEET ARE ADDED TO CLARIFY THE SCOPE OF WORK FOR SEPARATE CONTRACT. CONTRACTOR SHALL COORDINATE WITH OWNER'S SUBCONTRACTOR FOR NEW HVAC & ROOF WORK. **DO NOT** INCLUDE WORK FOR HVAC OR ROOFING TO INCLUDE NEW GAS LINE.

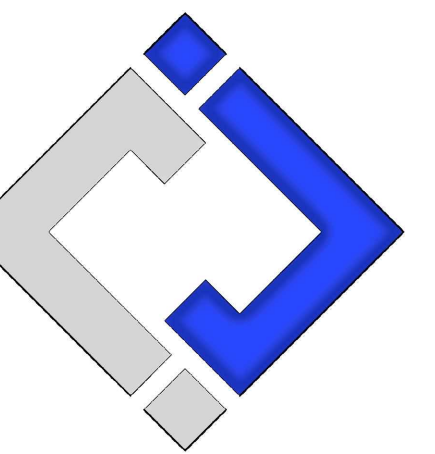


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CAD DWG FILE: J20606
 DRAWN BY: DET
 CHECKED BY: JPW
 DESIGNED BY: JAP

SHEET TITLE:

**ROOFTOP GAS
 PLAN**

SHEET NUMBER:

P103

04/05/2024
 28 OF 29 SHEETS

PLUMBING SPECIFICATIONS

1. GENERAL
 - 1.1. PLUMBING CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL ESCUTCHEONS, 1/4 TURN STOPS, P-TRAPS, AND SUPPLY LINES TO PROVIDE A COMPLETE SYSTEM AT EACH FIXTURE INDICATED ON PLANS UNLESS NOTED OTHERWISE.
2. SANITARY
 - 2.1. BELOW AND ABOVE GRADE WASTE AND VENT PIPING IN BUILDING TO BE SOLID CORE SCH. 40 PVC DWV.
 - 2.2. NO PIPE SMALLER THAN 2" BELOW GRADE.
 - 2.3. WASTE AND VENT PIPING IN PLENUMS TO BE CAST IRON, OR PVC WITH AN INSULATION WRAP LISTED FOR USE AS SUCH AN ASSEMBLY.
 - 2.4. ALL VENT PIPE TERMINATIONS ARE TO BE LOCATED EITHER 10' HORIZONTALLY OR 3' ABOVE MECHANICAL AIR INTAKE LOCATIONS.
3. DOMESTIC WATER
 - 3.1. DOMESTIC WATER PIPING TO BE COPPER
 - 3.2. COPPER WATER PIPING ABOVE GRADE SHALL BE TYPE "L".
 - 3.3. PROVIDE WATER HAMMER ARRESTORS AT ALL QUICK-CLOSE VALVES. FIXTURES REQUIRING WATER HAMMER ARRESTORS INCLUDE BUT ARE NOT LIMITED TO FLUSH VALVES, SENSOR FAUCETS, AND WASHING MACHINE BOXES. AIR CHAMBERS ARE NOT ACCEPTABLE.
 - 3.4. DOMESTIC WATER PIPING INSULATION
 - 3.4.1. ALL HW PIPING, WHETHER COPPER OR PEX, SHALL BE INSULATED WITH PLENUM RATED CLOSED CELL ELASTOMERIC INSULATION. FOR PIPING LESS THAN 1/2", INSULATION THICKNESS TO BE 1". FOR PIPING 1/2" OR GREATER, INSULATION THICKNESS SHALL BE 1 1/2".
 - 3.4.2. CW COPPER PIPING TO INSULATED WITH 1/2" PLENUM RATED CLOSED CELL ELASTOMERIC INSULATION. CW PEX NEED NOT BE INSULATED UNLESS NOTED OTHERWISE.

PLUMBING FIXTURE SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	NOTES
BFP	BACKFLOW PREVENTER	WILKINS	375NL	3"
SK1	DOUBLE COMPARTMENT SINK (3322N7)	ELKAY	CR3322	WITH TWO HANDLED ZURN Z871C4-XL FAUCET

NOTES:

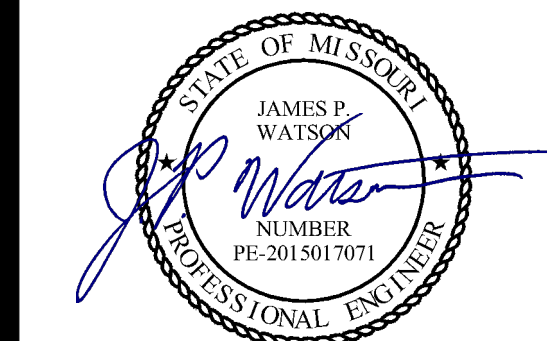
1. VERIFY NECESSARY FIXTURES MEET ADA REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALLATION
2. MANUFACTURER LISTED IS BASIS OF DESIGN. ADDITIONAL MANUFACTURERS LISTED IN SPECIFICATIONS.

PLUMBING CONNECTION SIZING SCHEDULE					
FIXTURE		SANITARY PIPING		SUPPLY PIPING	
TYPE	TYPICAL ABBREVIATION	WASTE CONNECTION	VENT CONNECTION	COLD WATER CONNECTION	HOT WATER CONNECTION
DRINKING FOUNTAIN	DF	1-1/2"	1-1/4"	1/2"	-
FLOOR DRAIN	FD	3"	2"	-	-
HAND / HAIR SINK	HS / SK	2"	2"	3/4"	3/4"
HOSE BIBB	HB	-	-	3/4"	-
LAVATORY	LAV	1-1/2"	1-1/4"	1/2"	1/2"
MOP SINK	MS	3"	1-1/2"	1/2"	1/2"
ICE MAKER OUTLET BOX	REF	-	-	1/2"	-
SHOWER	SH	3"	1-1/2"	1/2"	1/2"
URINAL	UR	2"	1-1/4"	3/4"	-
WATER CLOSET (FLUSH TANK)	WC	3"	2"	1/2"	-
WATER CLOSET (FLUSH VALVE)	WC	3"	2"	1"	-

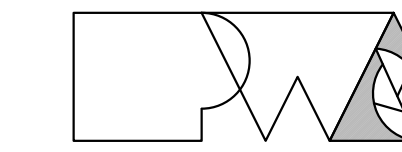
NOTES:

1. SIZES SHOWN ABOVE ARE TYPICAL UNLESS NOTED OTHERWISE ON PLANS

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

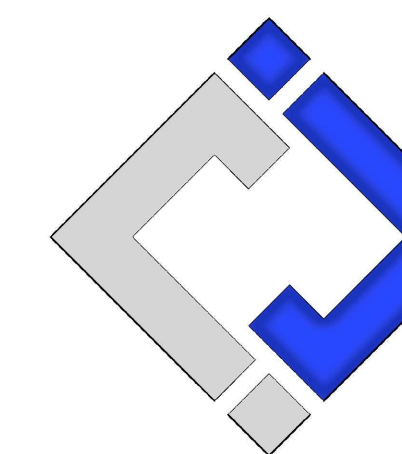


James Watson, P.E. April 5, 2024
PE-2015017071
MO Certificate of Authority # 2018029680



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**OFFICE OF
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THIRD FLOOR
RENOVATIONS
MoDOT MILLBOTTOM
BUILDING

MoDOT MILLBOTTOM
601 WEST MAIN STREET
JEFFERSON CITY, MO

PROJECT # O2225-01
SITE # 1001 - CAPITOL
COMPLEX
ASSET # 3101001058

REVISION: ADD #2
DATE: 04/05/2024
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 08/14/2023

CAD DWG FILE: J20606
DRAWN BY: DET
CHECKED BY: JPW
DESIGNED BY: JAP

SHEET TITLE:

**PLUMBING
SCHEDULES**

SHEET NUMBER:

P601

04/05/2024
29 OF 29 SHEETS