

# Addendum

**DATE:** 01/08/2024

615 Woodside Drive, Englewood, Ohio 45322

T 937.836.8898 F 937.832.3696

**PROJECT:** 614, 624 & 702 Building Renovation and  
Addition  
East End Community Services / West Care

[www.app-arch.com](http://www.app-arch.com)

**PROJECT ADDRESS:** 624 Xenia Avenue  
Dayton, Ohio 45410

## ADDENDUM NO. 3

*RECEIPT OF THIS ADDENDUM MUST BE NOTED ON THE FORM OF PROPOSAL*

### TO ALL BIDDERS:

This addendum supplements and amends the original Plans and Specifications and shall be taken into account in preparing proposals and shall become part of the Contract Documents.

### CIVIL DRAWINGS:

- ITEM C1 SHEET C3.1 LANDSCAPE PLAN (624)  
SHEET C3.1 LANDSCAPE PLAN (702)
1. #3 Winter Red Winterberry is an acceptable substitution for #5 Berry Heavy Winterberry. Drawings are not revised. Refer to attached Substitution Request.

### ARCHITECTURAL SPECIFICATIONS:

- ITEM AS1 SECTION 12 2413 – ROLLER WINDOW SHADES
1. Part 2 – Products, 2.1, B Manufacturer  
SWF Contract True Performance manual solar shades are added to the list of acceptable manufacturers.  
Refer to the attached Substitution Request.
- ITEM AS2 SECTION 08 4113 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
1. Part 2 – Products, 2.1, Manufacturers  
YKK is to be added to the list of acceptable manufacturers.  
Oldcastle Series 6000 is to be added to the list of acceptable manufacturers.  
Refer to the attached Substitution Request.
- ITEM AS2 SECTION 10 2800 TOILET, BATH, AND LAUNDRY ACCESSORIES
1. Part 2.2 – Washroom Accessories  
Added:  
H. Surface Mounted Paper Towel Dispenser (TS-10):
    1. Bobrick B-2620.
    2. Description: Surface mounted paper towel dispenser.
    3. Finish: Satin-finish stainless steel.

## **614 BUILDING - PLUMBING DRAWINGS:**

- ITEM P1 SHEET P1.1 PLUMBING PLANS – DEMOLITION (614)
1. 2/P1.1 – Existing fire suppression piping and sprinkler head to be removed.
  2. Keynotes #13 and #14 added.

## **624 BUILDING - ARCHITECTURAL DRAWINGS:**

- ITEM A1 SHEET A2.2 FIRST FLOOR RCP NEW WORK (624)
1. Rooms 114 and 124 revised to show APC ceilings.
  2. Attic access panel in room 114 deleted from project.
  3. Construction Note 9 deleted.
- ITEM A2 SHEET A2.3 SECOND FLOOR RCP DEMO (624)
4. Revised to show removal of existing gypsum board ceilings and batt insulation.
  5. Revised to show removal of ceiling in small room at south end of building.
  6. Construction Note 2 revised to reflect note numbering on sheet A2.4.
  7. Construction Notes 3-5 added.
- ITEM A3 SHEET A2.4 SECOND FLOOR RCP NEW WORK (624)
1. Construction Notes 3 and 4 revised.
  2. Construction Notes 7-10 deleted from plan.
  3. Plan revised to eliminate gypsum board and blown in insulation mounted to underside of trusses and roof joists.
  4. Plan revised to show kraft paper backed glass fiber insulation mounted to top chord of roof trusses and joists.
- ITEM A4 SHEET A4.1 WALL SECTIONS (624)  
SHEET A4.2 WALL SECTIONS (624)  
SHEET A4.3 WALL SECTIONS (624)  
SHEET A4.4 WALL SECTIONS (624)  
SHEET A5.4 EXTERIOR DETAILS - ROOF (624)
1. Revised wall sections and details to eliminate gypsum board and blown in insulation mounted to underside of trusses and roof joists.
  2. Revised wall sections and details to show kraft paper backed glass fiber insulation mounted to top chord of roof trusses and joists.
- ITEM A5 SHEET A7.1 INTERIOR ELEVATIONS (624)
1. Equipment Schedule and Toilet Accessory Schedule revised.
    - a. EQ-08 revised to show provided by CFCI and remarks clarified.
    - b. TS-01 remarks clarified.
    - c. TS-10 added to schedule.
- ITEM A6 SHEET A7.2 INTERIOR ELEVATIONS (624)
1. Casework revised on east wall of room 128. Refer to elevation C4.
  2. Hand sink added to casework on east wall of room 128.
  3. Soap and paper towel dispensers added to room 128 and 129.
  4. Soap dispenser labeled in room 127.

## **624 BUILDING - STRUCTURAL DRAWINGS:**

- ITEM S1 SHEET S1.2 LOW ROOF FRAMING PLAN (624)  
SHEET S2.1 FRAMING DETAILS (624)
1. Sections added and revised for clarity of roof truss connections.

### **624 BUILDING - PLUMBING DRAWINGS:**

- ITEM P2 SHEET P0.2 PLUMBING SCHEDULES (624)
1. B1 lavatory integral bowl by others.
  2. B5 Description updated.
  3. B7, B8, and B9 fixtures added.
- ITEM P3 SHEET P1.6 EN;LARGED PLUMBING PLANS (624)
1. 1/P1.6 - B3 & B4 fixtures shifted location and sink B7 added. Sink in 'Lactation 127' is now fixture B8.
  2. 3/P1.6 - B3 & B4 fixtures shifted location and sink B7 added. Sink in 'Lactation 127' is now fixture B8.
  3. 2/P1.6 – Lavatory in RR 139 & 138 has changed to fixture B9.
- ITEM P4 SHEET P2.1 PLUMBING ISOMETRICS - SANITARY (624)
1. Sanitary Isometric updated.
- ITEM P5 SHEET P2.2 PLUMBING ISOMETRICS – DOMESTIC & NATURAL GAS (624)
1. Domestic Isometric updated.

### **624 BUILDING - HVAC DRAWINGS:**

- ITEM H1 SHEET H1.4 HVAC SECOND FLOOR PLAN – NEW WORK (624)
1. Plan Notes revised.
  2. Access panels removed in #202 and #C201.
  3. Revised VRF-2.06 for plenum style installation.
  4. Revise air devices for #208.

### **624 BUILDING - ELECTRICAL DRAWINGS:**

- ITEM E1 SHEET E2.2 ELECTRICAL LIGHTING PLAN (624)
1. Changed fixture type in Storage Room 209.

### **702 GARAGE - ELECTRICAL DRAWINGS:**

- ITEM E2 SHEET E1.1 ELECTRICAL PLANS (702)
1. Added receptacles and circuit for door operator.
- ITEM E3 SHEET E4.1 PANELBOARD SCHEDULES AND SINGLE LINE DIAGRAM (702)
1. Updated panel schedule for door operator circuit.

### **CONTRACTOR QUESTIONS:**

Q: Is AWI certification required?

A: Certification is not required. But all casework must meet AWI grade Premium standards.

Q: (614 & 624) Has an asbestos survey been done? If so can we have access to the report?

A: No asbestos survey has been conducted. If the contractor observes materials they suspect to contain asbestos, stop work in that area and report to the owner and architect per general note "N" on sheet A1.1. Any required testing and/or remediation will be at the owner's expense.

(702) Overhead door questions:

Q: OH-1 Drawing shows a 9'2" x 9'0" on door schedule, but spec sheet says 9'1" x 9' 2"?

A: The door elevation for door type OH1 on sheet A1.1 shows the door as 9'-1" Tall x 9'-2" wide. Door opening is to be 9'-0" by 9'-0". The door schedule on A1.1 is incorrect.

- Q: OH-1 Drawing shows powder coated finish no color mentioned, spec calls for basic colors?  
A: Color to be chosen by architect from manufacturer full line of standard colors.
- Q: OH-1 Drawing shows Alum Door Material, Spec calls for 24-gauge steel?  
A: Specifications are correct. 24-gauge steel.
- Q: Spec calls for a slide lock, no mention of motor operation.  
A: An automatic opener is being added to the project. Basis of design: LiftMaster Light-Duty Commercial Door Operator for Sectional Doors Jackshaft (LJ8900W), Battery Backup (485LM), Light Curtain (LC-36A), 1-Button Remote Control (811LM) or architect approved equals. Refer to the attached product guide.
- Q: (624) Addendum 2 revisions still create uninsulated concealed spaces on the second floor that will require a dry suppression system. Is this the intent.  
A: No. Second Floor demo and new work reflected ceiling plans have been revised to eliminate uninsulated concealed spaces. Refer to the revised sheets A2.3 and A2.4 (included in this addendum) for details. Combustible blind spaces will still require suppression, but the entire system is to be a wet system.
- Q: (614 & 624) Is the access control cabling to all be in conduit or can it be free cabled above accessible ceilings?"  
A: Free cabled on J-hooks is acceptable above accessible ceilings.
- Q: (624) Is there a Control specification I missed or are the controls defined in the Variable Refrigerant Flow HVAC Systems specifications?  
A: A main system controller shall be provided that all individual sensors/controllers can be communicated with. Main controller location shall be coordinated with owner representative.
- Q: (624) On sheet H0.3 HVAC Schedules. Specifically, the Kitchen Hood Schedule Note 1 states. "Information shown is to establish a minimum performance level. Final unit design and engineering documents all required accessories shall be furnished by the Kitchen Equipment supplier, and installed by HC. Is the Kitchen Equipment by the owner? And we install this hood?  
A: The kitchen hood system shall be furnished and installed by the HVAC contractor. It is expected that the HVAC contractor consult with kitchen hood manufacturer for a complete fully functional type I hood system meeting or exceeding the performance requirements shown on the design documents. The hood supplier shall provide the necessary hood system documentation required for permitting that includes but is not limited to, performance, installation details and controls.
- Q: (624) Finish Floor plans on A9.1 are at a 1:10 scale. Can you provide drawings at 3/32" or other architectural scale for take-offs?  
A: Yes. Refer to the attached Supplemental Finish Floor Plans (18x24 sheets).
- Q: I have had a couple site contractors asking if a geotechnical report is available. Please let me know if one is available that can be forwarded.  
A: No soil boring have been done and no report available. This is why we require unit prices on the bid form (in the event that we run into soil issues).

**END OF ADDENDUM NO. 3**



**ATTACHMENTS:**

Specifications –	Section 10 2800
Drawing sheets –	614 Building: P1.1 624 Building: A2.2, A2.3, A2.4, A4.1, A4.2, A4.3, A4.4, A5.4, A7.1, A7.2 S1.2, S2.1 P0.2, P1.6, P2.1, P2.2 H1.4 E2.2 702 Garage: E1.1, E4.1
Substitution Requests –	SWF Contract Manual Roller Shades – Accepted Winter Red Winterberry Plantings – Accepted Oldcastle/YKK Storefront – Reviewed (note Oldcastle FG3000 rejected)
Miscellaneous -	LiftMaster product guide LJ8900W Supplemental Finish Floor Plans (at 1/8” scale)

## **SECTION 10 2800 - TOILET, BATH, AND LAUNDRY ACCESSORIES**

### PART 1 - GENERAL

#### 1.1 SUMMARY

A. Section Includes:

1. Washroom accessories.
2. Under lavatory guards.
3. Custodial accessories.

#### 1.2 COORDINATION

- A. Coordinate accessory locations with other work to prevent interference with clearances required for access by people with disabilities, and for proper installation, adjustment, operation, cleaning, and servicing of accessories.

#### 1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
2. Include anchoring and mounting requirements, including requirements for cutouts in other work and substrate preparation.

B. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required.

1. Identify locations using room designations indicated.
2. Identify accessories using designations indicated.

#### 1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: For accessories to include in maintenance manuals.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. Source Limitations: Obtain all accessories from single source from single manufacturer.

- B. Manufacturers: Subject to compliance with requirements, provide products as indicated on the Drawings.
- C. Product: The basis-of-design for accessories is based on products indicated.
  - 1. Bobrick Washroom Equipment, Inc.
  - 2. Alternate Manufacturer: American Specialties, Inc.

## 2.2 WASHROOM ACCESSORIES

- A. Grab Bar (TS-08):
  - 1. Bobrick B-6806.
  - 2. Mounting: Flanges with concealed fasteners.
  - 3. Material: Stainless steel, 0.05 inch thick.
  - 4. Finish: Smooth, ASTM A480/A480M No. 4 finish (satin) on ends and slip-resistant texture in grip area.
  - 5. Outside Diameter: 1-1/2 inches.
  - 6. Configuration and Length: As indicated on Drawings.
- B. Mirror Unit (TS-06 & TS-07):
  - 1. Bobrick B-290 Series
  - 2. Frame: Stainless steel angle, corners welded, ground and polished smooth.
  - 3. Size: As indicated on Drawings.
  - 4. Hangers: Manufacturer's standard rigid.
- C. Toilet Tissue (Roll) Dispenser (TS-04):
  - 1. Bobrick B-2888.
  - 2. Description: Roll-in-reserve dispenser with hinged front secured with tumbler lockset Double-roll dispenser.
  - 3. Mounting: Surface mounted.
- D. Sanitary Napkin Disposal (TS-02):
  - 1. Bobrick B-270.
  - 2. Description: Surface mounted.
  - 3. Finish: Satin-finish stainless steel.
- E. Baby Changing Station (TS-05):
  - 1. Koala Kare: KB200
  - 2. Description: Surface mounted.
  - 3. Color: As selected by Architect.
- F. Surface Mounted Paper Towel Dispenser with Trash (TS-03):

1. Bobrick B-43949 with B-43949-134 Linermate.
2. Description: Surface mounted dispenser and trash receptacle with liner.
3. Finish: Satin-finish stainless steel.

G. Recessed Paper Towel Dispenser with Trash (TS-09):

1. Bobrick B-43944 with B-43944-134 Linermate.
2. Description: Recessed.
3. Finish: Satin-finish stainless steel.

**H. Surface Mounted Paper Towel Dispenser (TS-10): (revised Addendum 3, 01/08/24)**

- 1. Bobrick B-2620.**
- 2. Description: Surface mounted paper towel dispenser.**
- 3. Finish: Satin-finish stainless steel.**

2.3 UNDERLAVATORY GUARDS

A. Under-lavatory Guard (Provide at exposed wall hung lavatory):

1. Description: Insulating pipe covering for supply and drain piping assemblies that prevents direct contact with and burns from piping; allow service access without removing coverings.
2. Material and Finish: Antimicrobial, molded plastic, white.

2.4 CUSTODIAL ACCESSORIES

A. Custodial Mop and Broom Holder (EQ-08):

1. Bobrick B-239
2. Description: Unit with shelf, hooks, holders, and rod suspended beneath shelf.
3. Length: 34 inches.
4. Hooks: Four.
5. Mop/Broom Holders: Three.
6. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).

2.5 FABRICATION

- A. General: Fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with full-length, continuous hinges. Equip units for concealed anchorage and with corrosion-resistant backing plates.
- B. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install accessories in accordance with manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
  - 1. Remove temporary labels and protective coatings.
- B. Grab Bars: Install to comply with specified structural-performance requirements.
- C. Shower Seats: Install to comply with specified structural-performance requirements.

3.2 ADJUSTING AND CLEANING

- A. Adjust accessories for unencumbered, smooth operation. Replace damaged or defective items.
- B. Clean and polish exposed surfaces in accordance with manufacturer's written instructions.

END OF SECTION 10 2800

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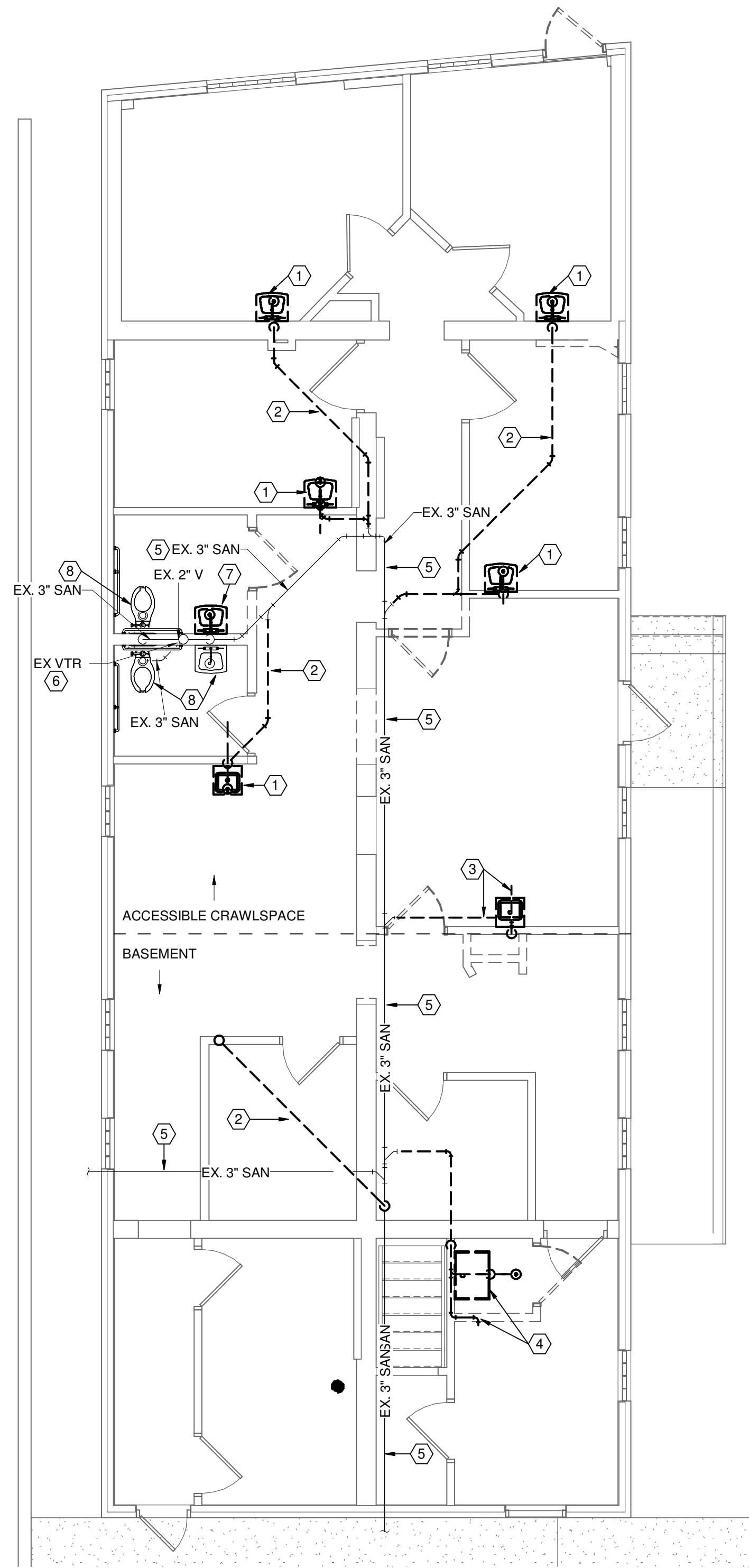
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### GENERAL NOTES

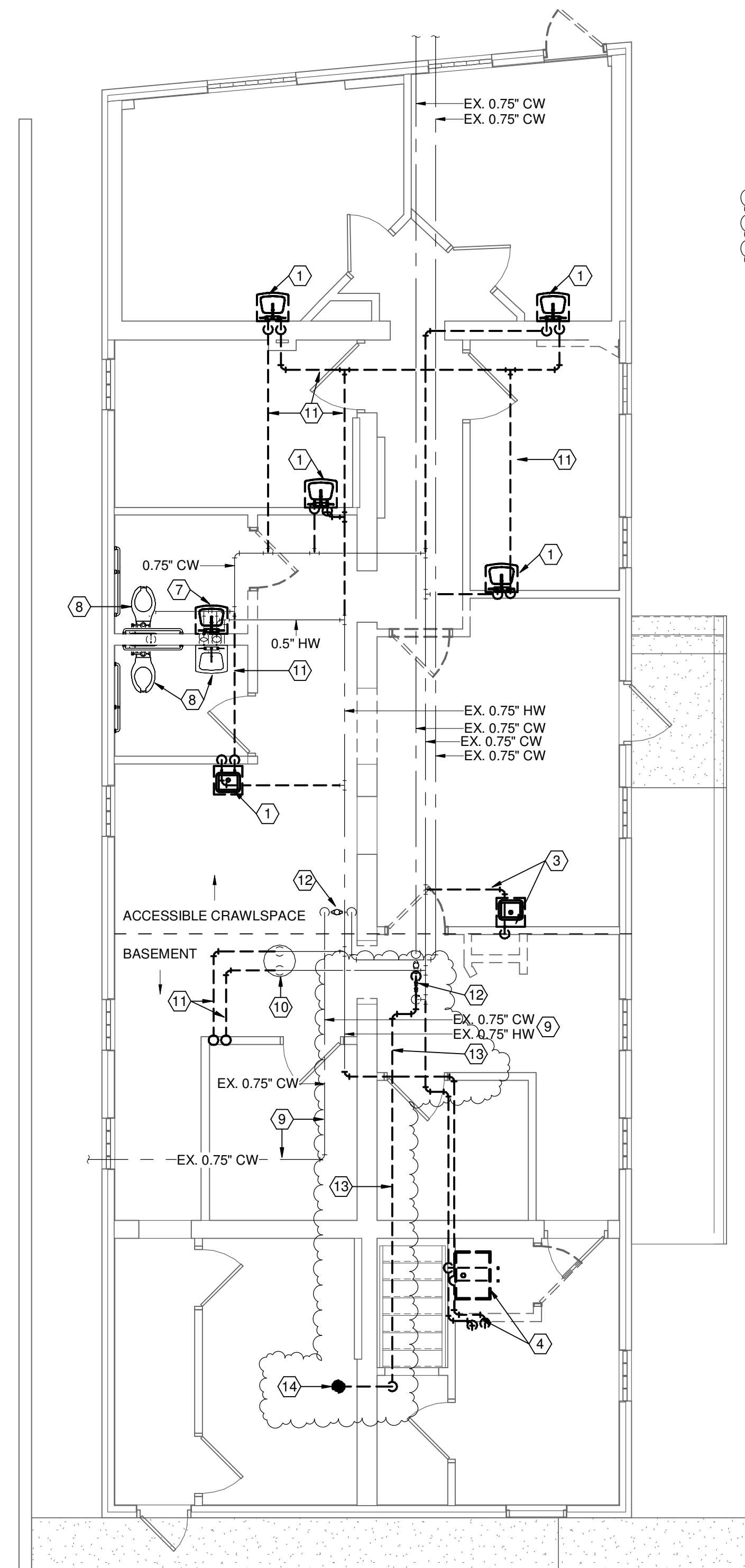
A. SANITARY AND DOMESTIC PIPING IS LOCATED BELOW FINISHED FLOOR IN ACCESSIBLE CRAWL SPACE AND/OR BASEMENT AS INDICATED ON PLANS.

### DRAWING NOTES

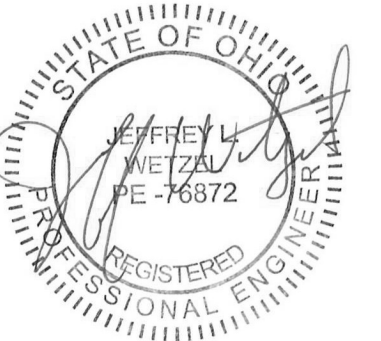
1. REMOVE EXISTING SINK AND ALL ASSOCIATED UTILITIES BACK TO BRANCH MAIN AND CAP.
2. REMOVE EXISTING SANITARY PIPING AS INDICATED.
3. REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED UTILITIES BACK TO BRANCH MAIN AND CAP.
4. REMOVE EXISTING UTILITY SINK AND ALL ASSOCIATED UTILITIES BACK TO BRANCH MAIN AND CAP.
5. EXISTING SANITARY PIPING TO REMAIN.
6. EXISTING VENT RISER TO REMAIN.
7. REMOVE EXISTING LAVATORY AND ACCESSORIES. EXISTING UTILITIES TO REMAIN.
8. EXISTING PLUMBING FIXTURE AND UTILITIES TO REMAIN.
9. EXISTING SUPPLY PIPING TO REMAIN.
10. EXISTING WATER HEATER TO REMAIN.
11. REMOVE EXISTING SUPPLY PIPING.
12. EXISTING WATER METER ASSEMBLY TO REMAIN.
13. EXISTING FIRE SUPPRESSION PIPING TO BE REMOVED AS INDICATED. CAP PIPING AT WATER SERVICE ASSEMBLY LOCATED IN BASEMENT.
14. REMOVE EXISTING FIRE SUPPRESSION SPRINKLER HEAD.



① FIRST FLOOR PLUMBING PLAN - DEMOLITION SANITARY  
3/16" = 1'-0"



② FIRST FLOOR PLUMBING PLAN - DEMOLITION SUPPLY  
3/16" = 1'-0"



ISSUE		
NO.	DATE	DESCRIPTION
	12/07/2023	FOR CONSTRUCTION
	01/08/2024	ADDENDUM 03

DATE	12/07/2023
JOB NO.	2023115
DRAWN	JDO
CHECKED	JLW

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TITLE  
**PLUMBING PLANS - DEMOLITION**

SHEET NO.  
**P1.1**



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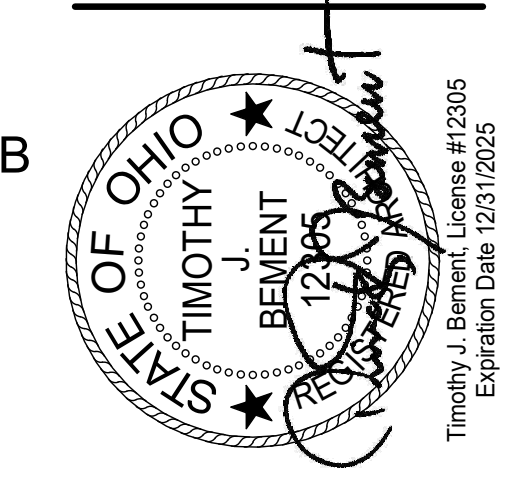
### CONSTRUCTION NOTES

- (00) INDICATES CONSTRUCTION NOTE.
- NEW GYP BD. CEILING ATTACHED TO BOTTOM OF STRUCTURE ABOVE THIS ROOM.
  - NEW APC CEILING.
  - GYP BD. SOFFIT, REFER TO DETAIL THIS SHEET FOR CONSTRUCTION DETAILS.
  - NEW SKYLIGHT. BASIS OF DESIGN: VELUX FIXED CURB-MOUNTED SKYLIGHT 34" X 46".
  - EXPOSED CEILING.
  - GYP BD. BULKHEAD, REFER TO DETAIL THIS SHEET FOR CONSTRUCTION DETAILS.
  - GYP. BD. BULKHEAD TIGHT TO BOTTOM OF BEAM.
  - 1 HOUR RATED GYP. BD. CEILING TYPE F3 FASTENED TO UNDERSIDE OF STRUCTURE ABOVE.
- NOTE NOT USED.

### GENERAL NOTES

- REFER TO ROOM FINISH SCHEDULE AND SPECIFICATIONS FOR CEILING TYPES AND FINISHES.
- MEASURE CEILING AND LAYOUT GRIDS TO BALANCE WIDTHS AT OPPOSITE EDGES UNLESS NOTED OTHERWISE.
- MINIMUM APC PANEL WIDTH 3" U.N.O.
- REFER TO P.M.E. DRAWINGS FOR ADDITIONAL CEILING DEVICES AND DESCRIPTIONS.
- INSTALL EDGE MOLDING AT PERIMETER.
- LAY-IN ACOUSTICAL CEILING TILE SHALL BE CENTERED IN CORRIDOR AT ALL LOCATION UNLESS OTHERWISE NOTED.
- NOT ALL P.M.E. FIXTURES SHALL GRAPHICALLY APPEAR IN REFLECTED CEILING PLANS. REFER TO P.M.E. DRAWINGS FOR TYPICAL ROOM LAYOUTS.
- ALL EXPOSED GYPSUM BOARD TO BE PAINTED.
- ENSURE ALL AREAS ABOVE CEILING ARE SEALED AIR TIGHT AT PERIMETER OF BUILDING.

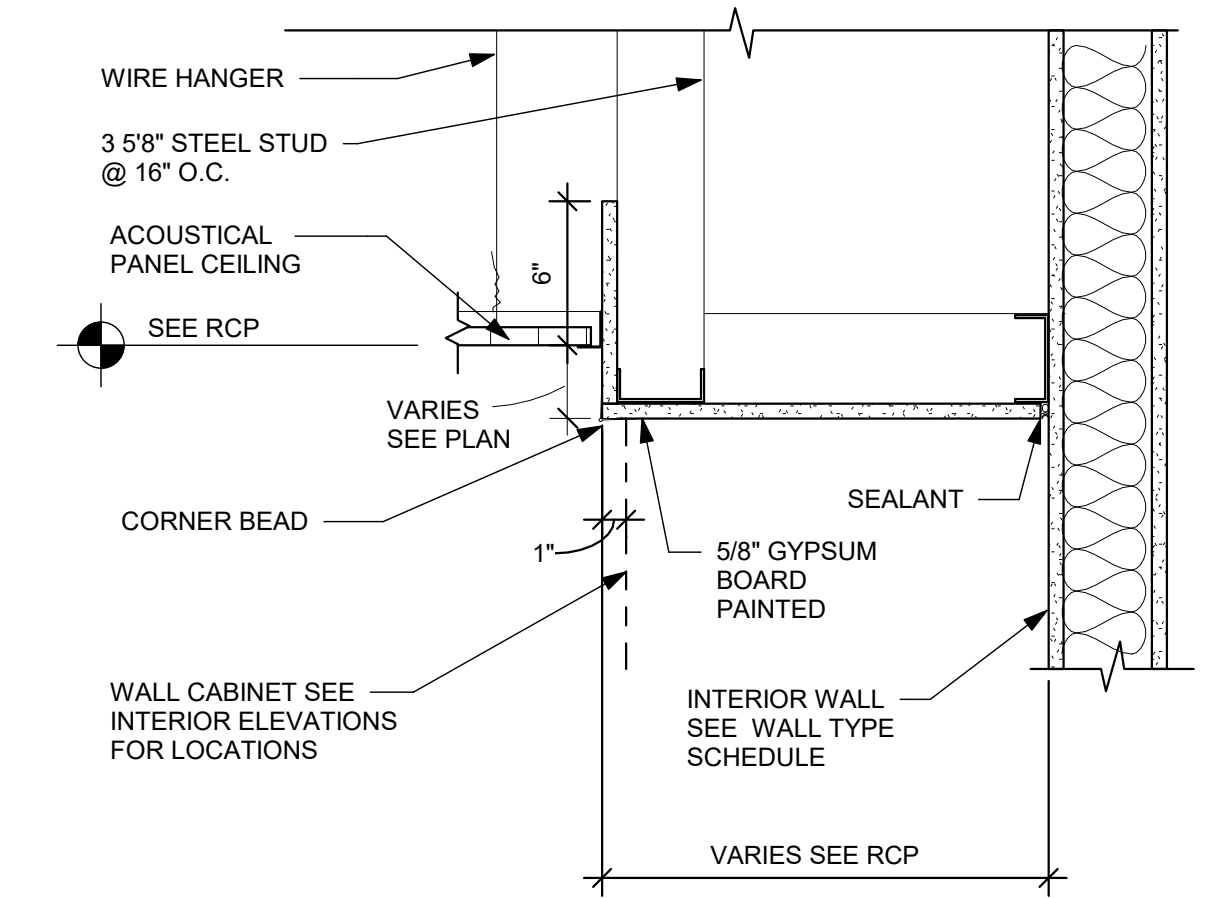
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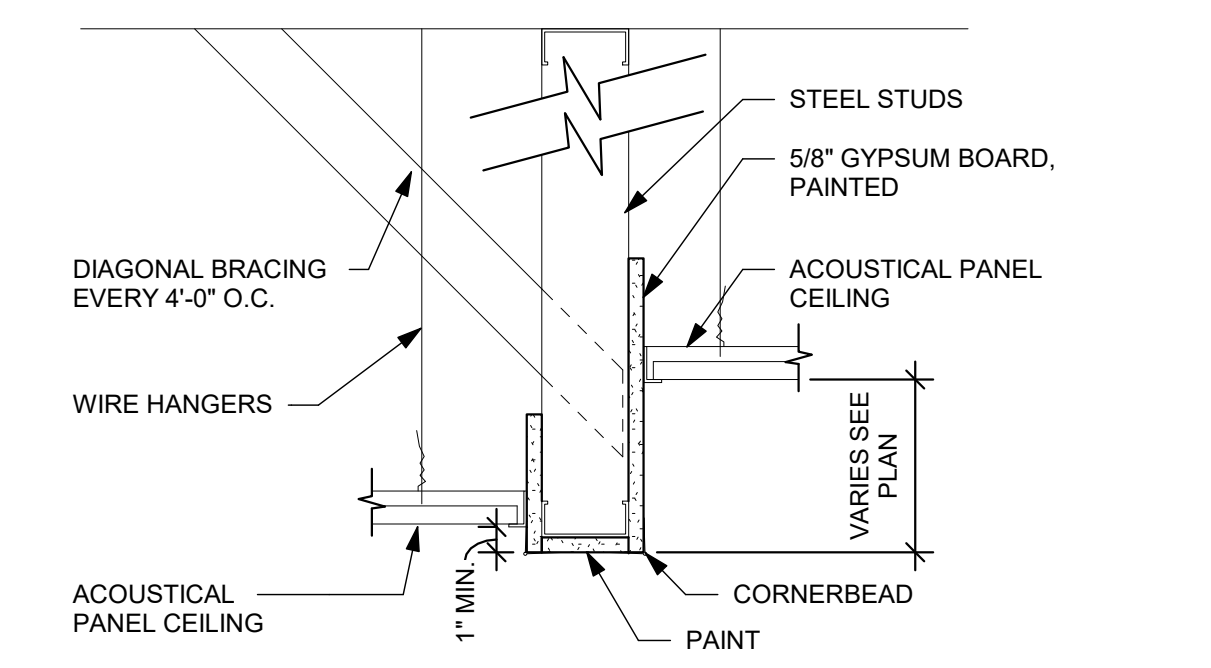
NO.	DATE	DESCRIPTION
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4	01/08/2024	ADDENDUM 3

DATE	12/07/2023
JOB NO.	4132.00
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CHECKED	CMS/TJB
COPYRIGHT © 2023 - App Architecture, Inc.	
TITLE FIRST FLOOR RCP NEW WORK	

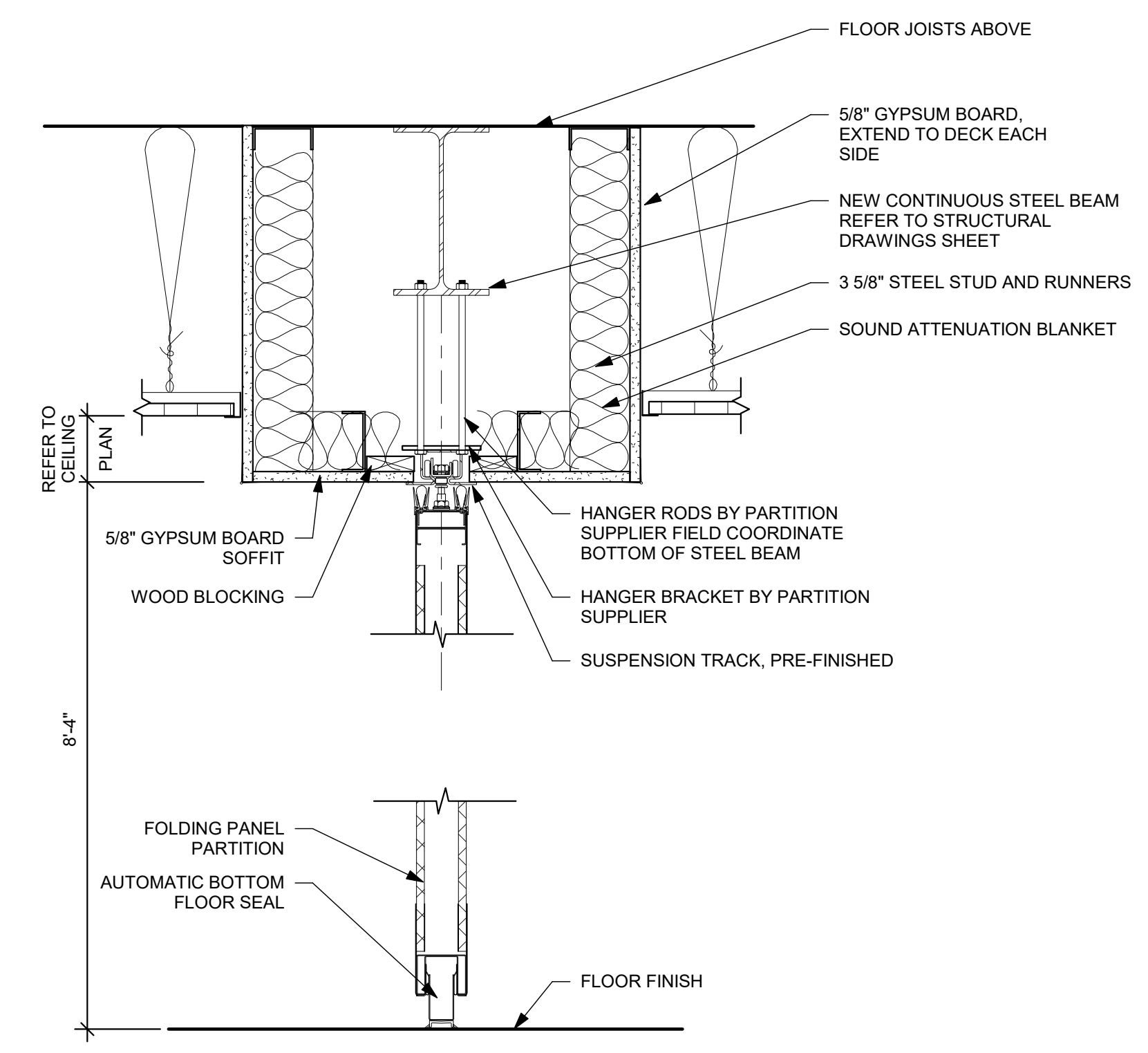
SHEET NO.  
**A2.2**



**(B5) SOFFIT DETAIL**  
1 1/2" = 1'-0"



**(D5) BULKHEAD DETAIL**  
1 1/2" = 1'-0"



**(F5) FOLDING PARTITION DETAIL**  
1 1/2" = 1'-0"

**(F2) FIRST FLOOR NEW WORK REFLECTED CEILING PLAN**  
1/8" = 1'-0"

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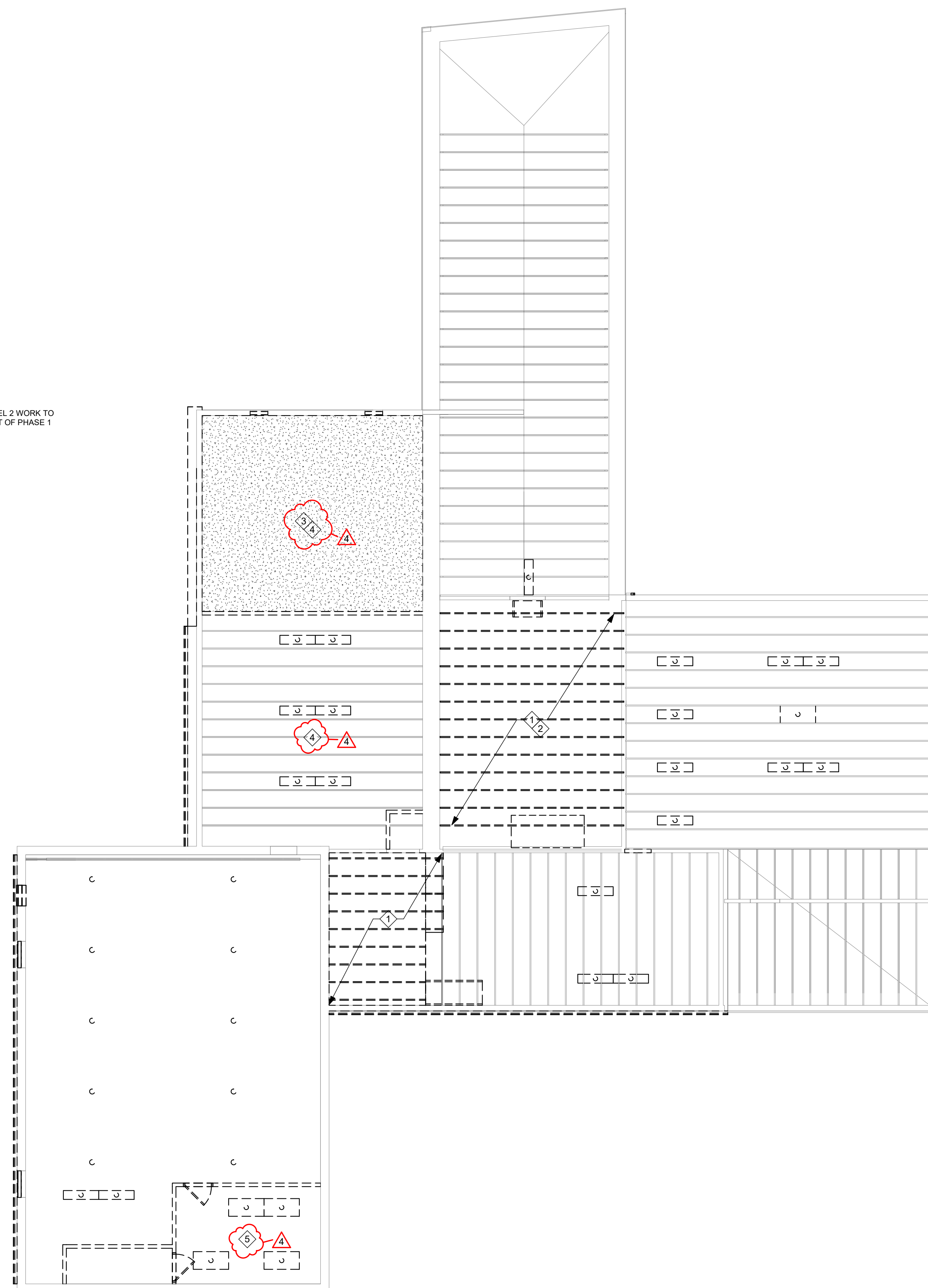
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ALL LEVEL 2 WORK TO BE PART OF PHASE 1



**F2** SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN  
1/8" = 1'-0"

### GENERAL NOTES

- A. OWNER WILL OCCUPY PREMISES DURING ENTIRE CONSTRUCTION PERIOD, WITH EXCEPTION OF AREAS UNDER CONSTRUCTION. CONSTRUCTION ACTIVITY SHALL NOT IMPEDE ACTIVITY IN AREAS OUTSIDE CONSTRUCTION LIMITS.
- B. ON-SITE WORK HOURS SHALL BE PERFORMED INSIDE THE BUILDING DURING NORMAL WORKING HOURS OF (7:00) A.M. TO (5:00) P.M., MONDAY THROUGH FRIDAY EXCEPT AS COORDINATED WITH OWNER.
- C. PRIOR TO DEMOLITION, FIELD INVESTIGATE EXISTING CONDITIONS AND NOTIFY ARCHITECT (OWNER) OF ANY DISCREPANCIES.
- D. PRIOR TO DEMOLITION, VERIFY THAT EXISTING UTILITIES HAVE BEEN DISCONNECTED AND CAPPED, AND TEMPORARY SHORING IS IN PLACE TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION.
- E. DASHED LINES INDICATE BUILDING ELEMENTS, MATERIALS AND EQUIPMENT TO BE REMOVED. REFER TO SHEET A0.1 FOR DRAWING AND SYMBOLS LEGEND.
- F. RENOVATION WORK IS EXTENSIVE THROUGHOUT AREA OF WORK. ACCESSORIES IN MULTIPLE INSTANCES ARE TO BE REMOVED. DEMOLITION NOTES ARE FOR GUIDANCE AND MAY NOT COVER SPECIFIC ITEMS. CONTACT THE OWNER AND ARCHITECT IF ANY QUESTIONS.
- G. PRIOR TO DISPOSING OF DEMOLITION ITEMS VERIFY WITH THE OWNER WHICH ITEMS ARE TO BE RETURNED TO THE OWNER.
- H. DURING DEMOLITION AND RECONSTRUCTION ATTENTION MUST BE GIVEN TO MAINTAINING AND PRESERVING THE STRUCTURAL INTEGRITY OF THE BUILDING. IF ANY UNFORESEEN SITUATION DEVELOPS PLEASE NOTIFY THE OWNER AND ARCHITECT IMMEDIATELY.
- I. PRIOR TO CONSTRUCTION FIELD INVESTIGATE EXISTING CONDITIONS AND NOTIFY THE OWNER AND THE ARCHITECT OF DISCREPANCIES.
- J. MEANS OF EGRESS MUST BE MAINTAINED DURING DEMOLITION/CONSTRUCTION.
- K. ADDITIONAL CONSTRUCTION BARRIERS AT VARIOUS LOCATIONS MAY BE REQUIRED TO ADDRESS ACCESS CONCERNS IN CONSTRUCTION AREAS. WHERE APPLICABLE, EXISTING PARTITIONS AND NEW PARTITIONS MAY BE USED FOR THIS PURPOSE.
- L. A TEMPORARY DUST BARRIER AROUND CONSTRUCTION AREAS CONSISTS OF METAL STUDS AND 5/8" GYPSUM BOARD. PAINT OCCUPIED SIDE TO MATCH SURROUNDING AREA. PROVIDE TEMPORARY DOOR AS REQUIRED. COORDINATE ADDITIONAL REQUIREMENTS, EXTENT & LOCATION WITH OWNER.
- M. GC TO ENSURE THAT NEGATIVE AIR-PRESSURE IS MAINTAINED IN AREAS OF WORK TO ENSURE AIRBORNE DEBRIS DOES NOT CIRCULATE INTO OTHER AREAS OF THE BUILDING.
- N. REFER TO PLUMBING, HVAC & ELECTRICAL DRAWINGS FOR OTHER ITEMS THAT NEED TO BE REMOVED.
- O. NEITHER THE ARCHITECT NOR THE OWNER CAN GUARANTEE THAT NO OTHER 'ACMS' WILL BE ENCOUNTERED BY THE CONTRACTOR DURING THE COURSE OF WORK. IF THE CONTRACTOR OBSERVES OTHER CONSTRUCTION MATERIALS WHICH ARE SUSPECTED TO BE 'ACMS', THE CONTRACTOR SHOULD IMMEDIATELY STOP WORK. DO NOT DISTURB IT AND CONTACT THE OWNER FOR FURTHER INSTRUCTIONS.
- P. IF THERE IS A CONFLICT BETWEEN DEMOLITION AND GENERAL NOTES, THE NOTE WITH THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
- Q. WORK BY OTHER TRADES MAY OCCUR SIMULTANEOUSLY. COORDINATE WITH OTHER TRADES AS REQUIRED.

### DEMOLITION NOTES

- Ⓛ INDICATES DEMOLITION NOTE.
- NOT ALL NOTES USED ON THIS SHEET.
- 1 REMOVE STAIRS AND LOFT ABOVE.
- 2 REFER TO NOTE 3 ON A2.4 PRIOR TO REMOVING LOFT THIS AREA.
- 3 REMOVE EXISTING GYP. BD. THAT IS FASTENED TO THE BOTTOM OF TRUSSES.
- 4 REMOVE EXISTING BATT INSULATION.
- 5 REMOVE EXISTING CEILING THIS AREA.

**APP Architecture**  
creative focused design

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www.app-arch.com

STATE OF OHIO  
TIMOTHY J. BEMENT  
BEMENT  
12/05  
Professional Engineer  
Timothy J. Bement, License #12305  
Expiration Date 12/31/2025

Building Renovation and Addition  
**East End Community Services**  
**West Care - 624 Building**  
624 Xenia Avenue, Dayton, Ohio 45410

ISSUE		
NO.	DATE	DESCRIPTION
1	12/07/23	FOR CONSTRUCTION
4	01/08/2024	ADDENDUM 3

DATE	12/07/2023
JOB NO.	4132.00
DRAWN	KE/MM/AE
CHECKED	CMS/TJB
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TITLE SECOND FLOOR RCP DEMO	

SHEET NO.  
**A2.3**

16/2024-48654-004



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A

B

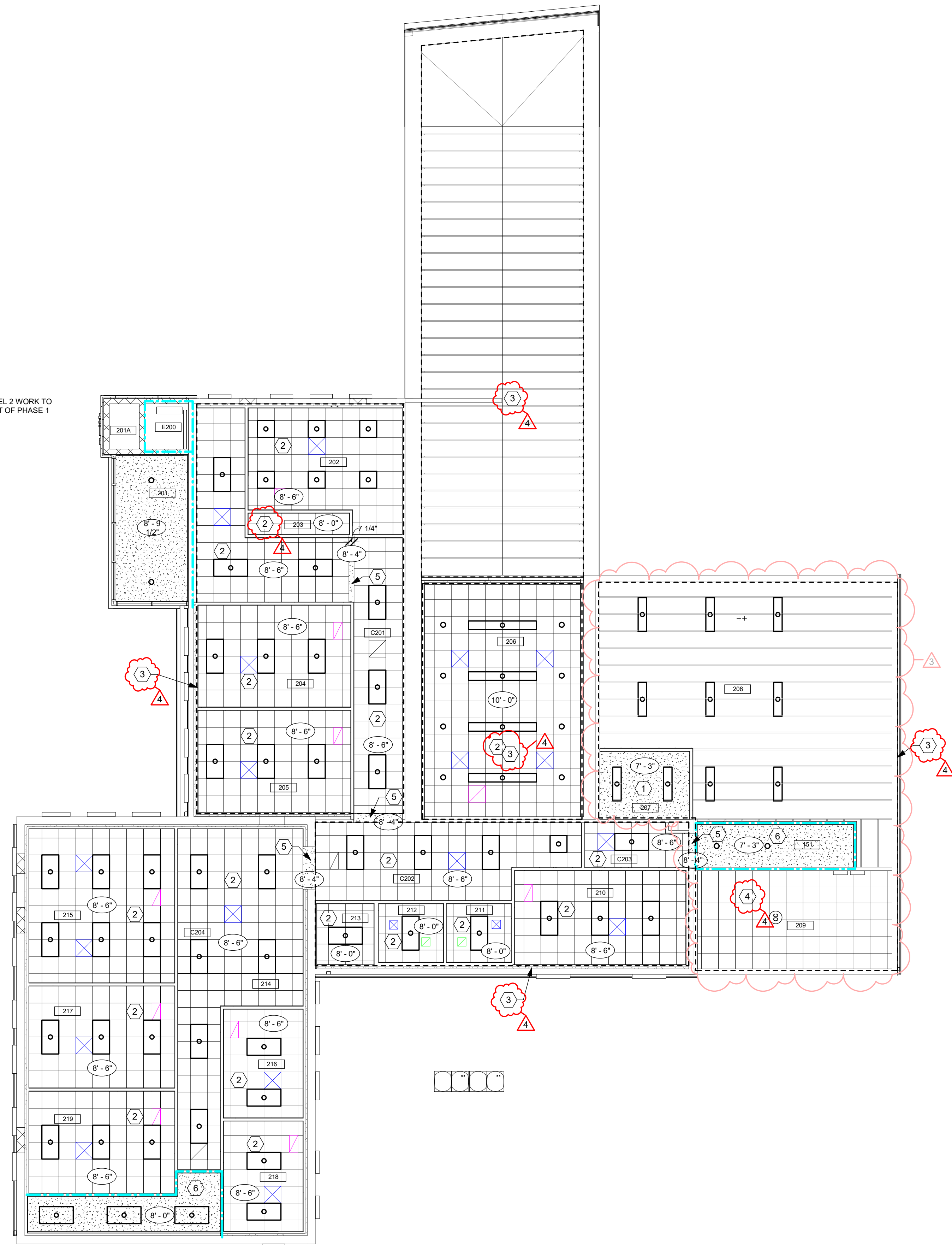
C

D

E

F

ALL LEVEL 2 WORK TO BE PART OF PHASE 1



F2 SECOND FLOOR NEW WORK REFLECTED CEILING PLAN  
1/8" = 1'-0"

### CONSTRUCTION NOTES

(00) INDICATES CONSTRUCTION NOTE.

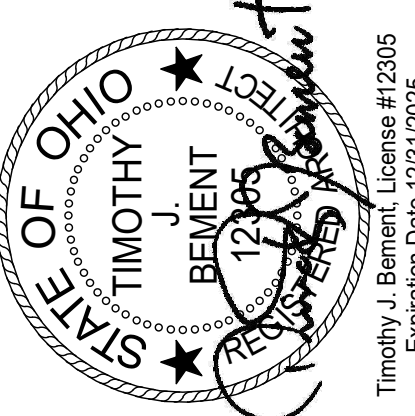
- 1 NEW GYP BD. CEILING FASTENED TO BOTTOM OF STRUCTURE ABOVE.
- 2 NEW APC CEILING.
- 3 MIN. R-30 KRAFT FACED GLASS FIBER INSULATION FASTENED TO THE UNDERSIDE OF THE TOP CHORD OF EXISTING TRUSSES THIS AREA.
- 4 NEW APC CEILING. INSTALL AT SAME HEIGHT AS EXISTING.
- 5 GYP BD. BULKHEAD, REFER TO DETAIL D5/A2.2 FOR CONSTRUCTION DETAILS.
- 6 1 HOUR RATED GYP. BD. CEILING TYPE F3 FASTENED TO UNDERSIDE OF STRUCTURE ABOVE.
- 7 NOTE NOT USED.
- 8 NOTE NOT USED.
- 9 NOTE NOT USED.
- 10 NOTE NOT USED.
- 11 NOTE NOT USED.

### GENERAL NOTES

- A. REFER TO ROOM FINISH SCHEDULE AND SPECIFICATIONS FOR CEILING TYPES AND FINISHES.
- B. MEASURE CEILING AND LAYOUT GRIDS TO BALANCE WIDTHS AT OPPOSITE EDGES UNLESS NOTED OTHERWISE.
- C. MINIMUM APC PANEL WIDTH 3" U.N.O.
- D. REFER TO PME DRAWINGS FOR ADDITIONAL CEILING DEVICES AND DESCRIPTIONS.
- E. INSTALL EDGE MOLDING AT PERIMETER.
- F. LAY-IN ACOUSTICAL CEILING TILE SHALL BE CENTERED IN CORRIDOR AT ALL LOCATION UNLESS OTHERWISE NOTED.
- G. NOT ALL P.M.E. FIXTURES SHALL GRAPHICALLY APPEAR IN REFLECTED CEILING PLANS. REFER TO P.M.E. DRAWINGS FOR TYPICAL ROOM LAYOUTS.
- H. ALL EXPOSED GYPSUM BOARD TO BE PAINTED.
- I. ENSURE ALL AREAS ABOVE CEILING ARE SEALED AIR TIGHT AT PERIMETER OF BUILDING.

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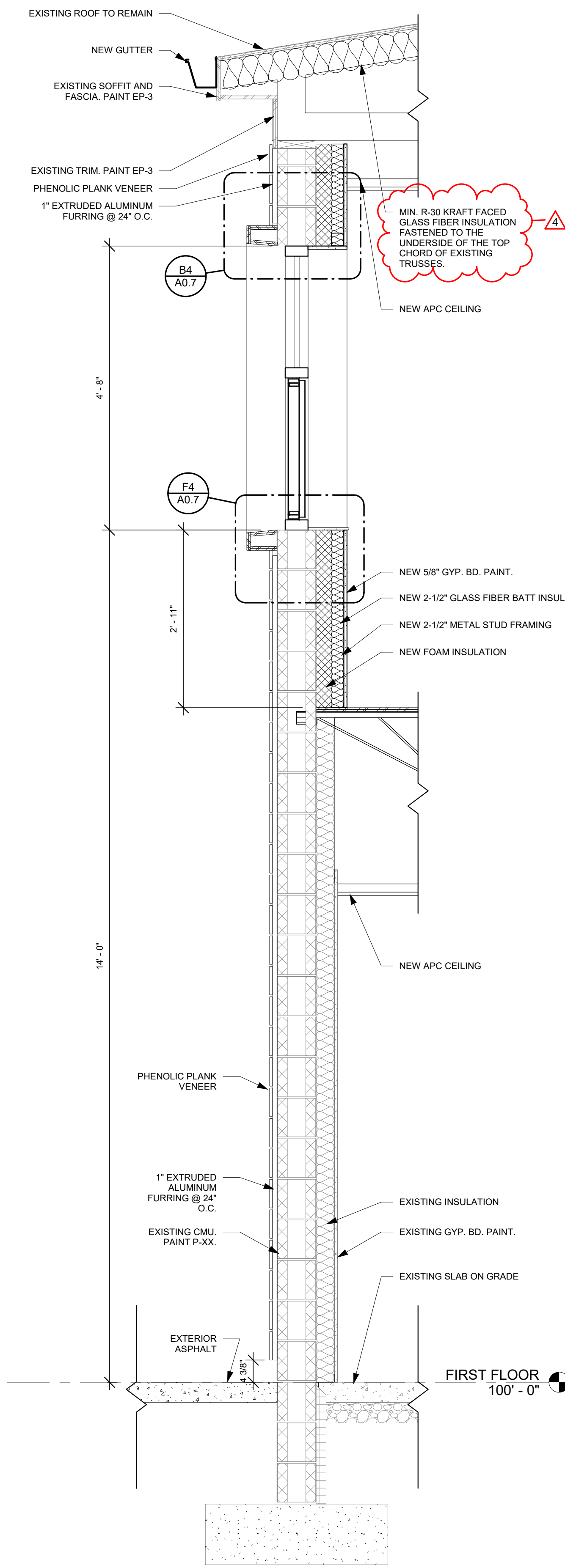
Building Renovation and Addition  
**East End Community Services  
West Care - 624 Building**  
624 Xenia Avenue, Dayton, Ohio 45410

ISSUE		
NO.	DATE	DESCRIPTION
1	12/07/23	FOR CONSTRUCTION
3	01/02/2023	ADDENDUM 2
4	01/08/2024	ADDENDUM 3

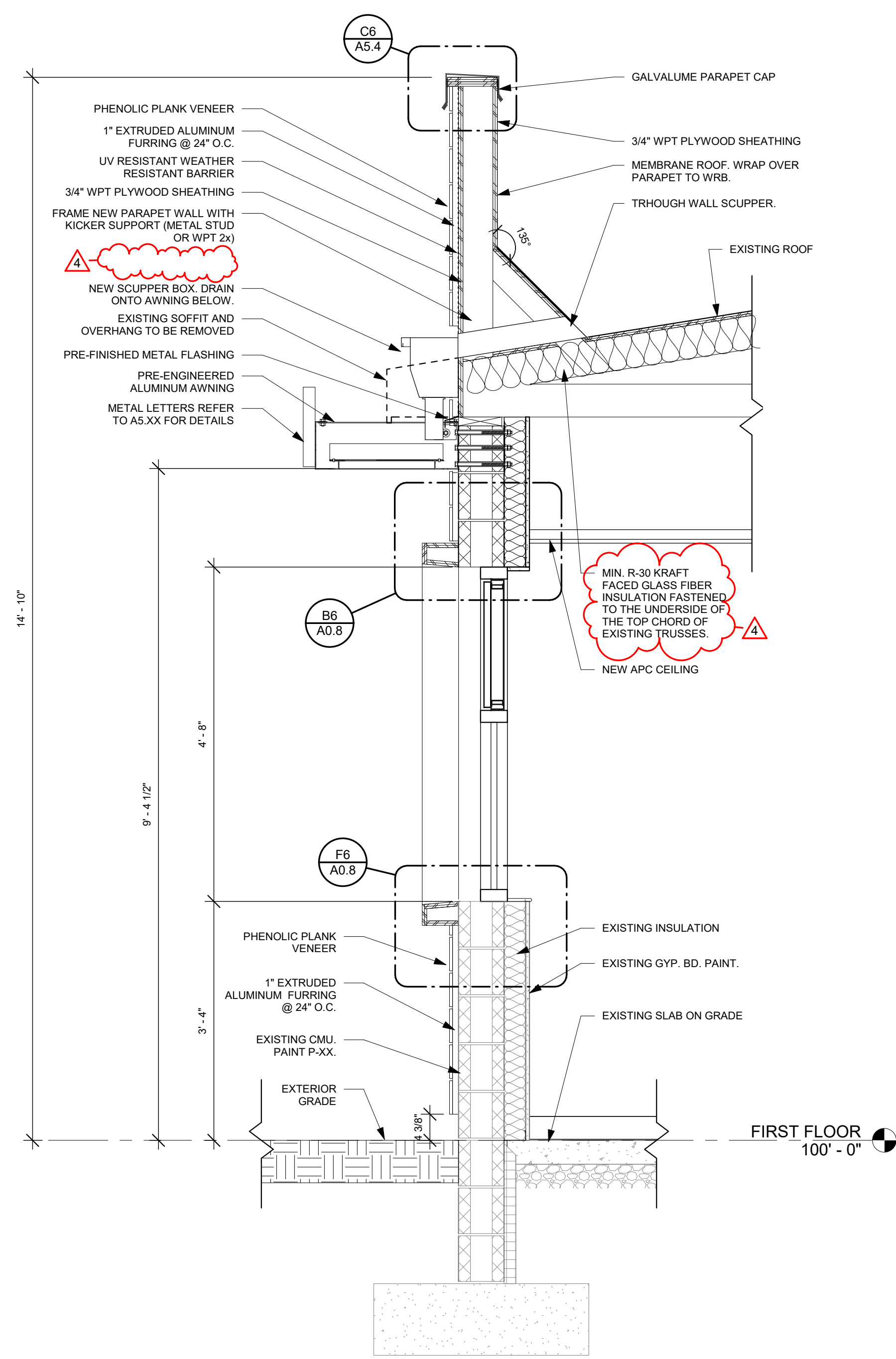
DATE	12/07/2023
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TITLE  
**SECOND FLOOR RCP  
NEW WORK**

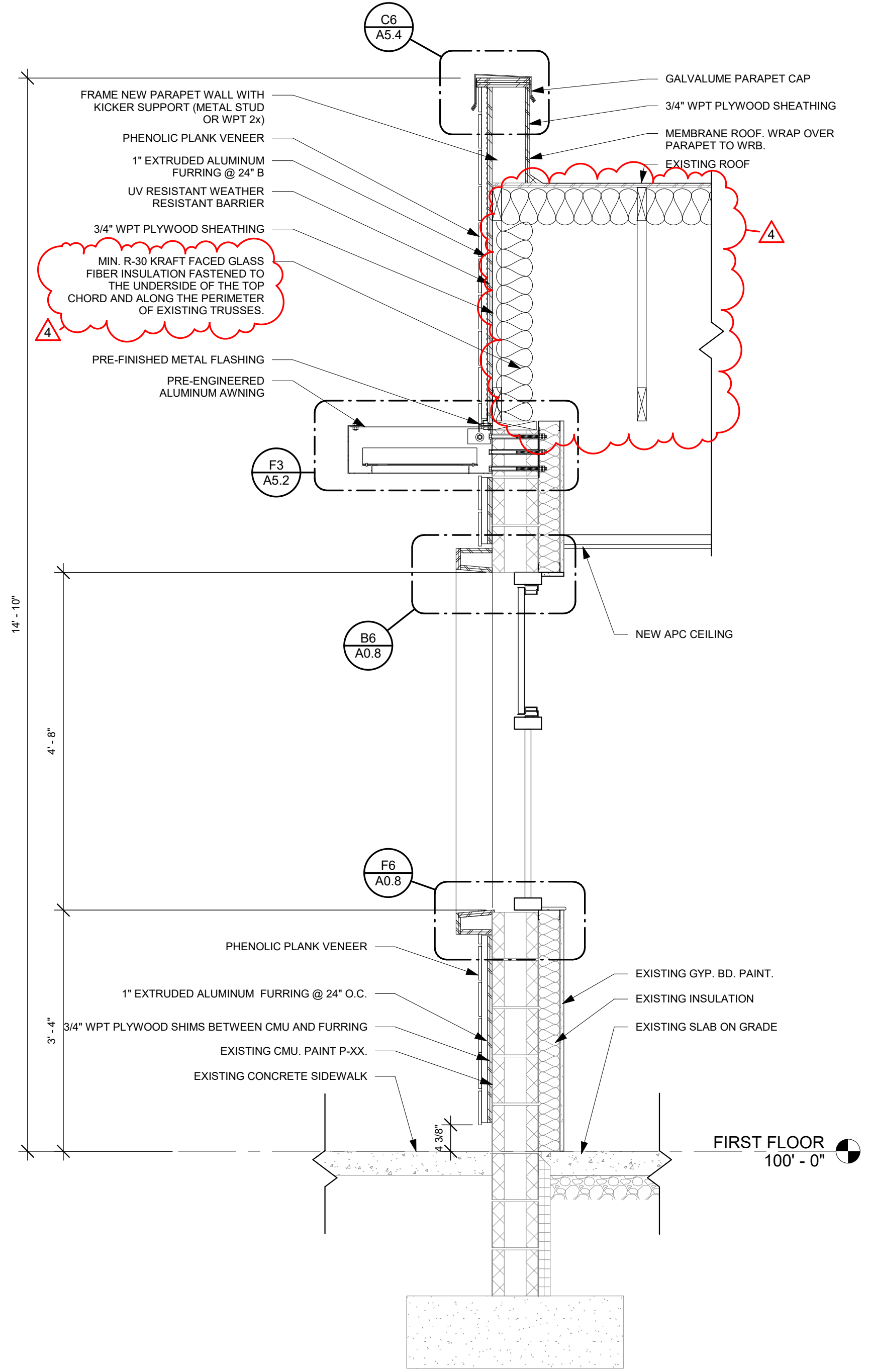
SHEET NO.  
**A2.4**



**F1** WALL SECTION  
3/4" = 1'-0"



**F3** WALL SECTION  
3/4" = 1'-0"



**F5** WALL SECTION  
3/4" = 1'-0"



**Building Renovation and Addition**  
**East End Community Services**  
**West Care - 624 Building**  
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ISSUE

NO.	DATE	DESCRIPTION
1	12/07/23	FOR CONSTRUCTION
4	01/08/2024	ADDENDUM 3

DATE	12/07/2023
JOB NO.	4132.00
DRAWN	KE/MM/AE
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TITLE

**WALL SECTIONS**

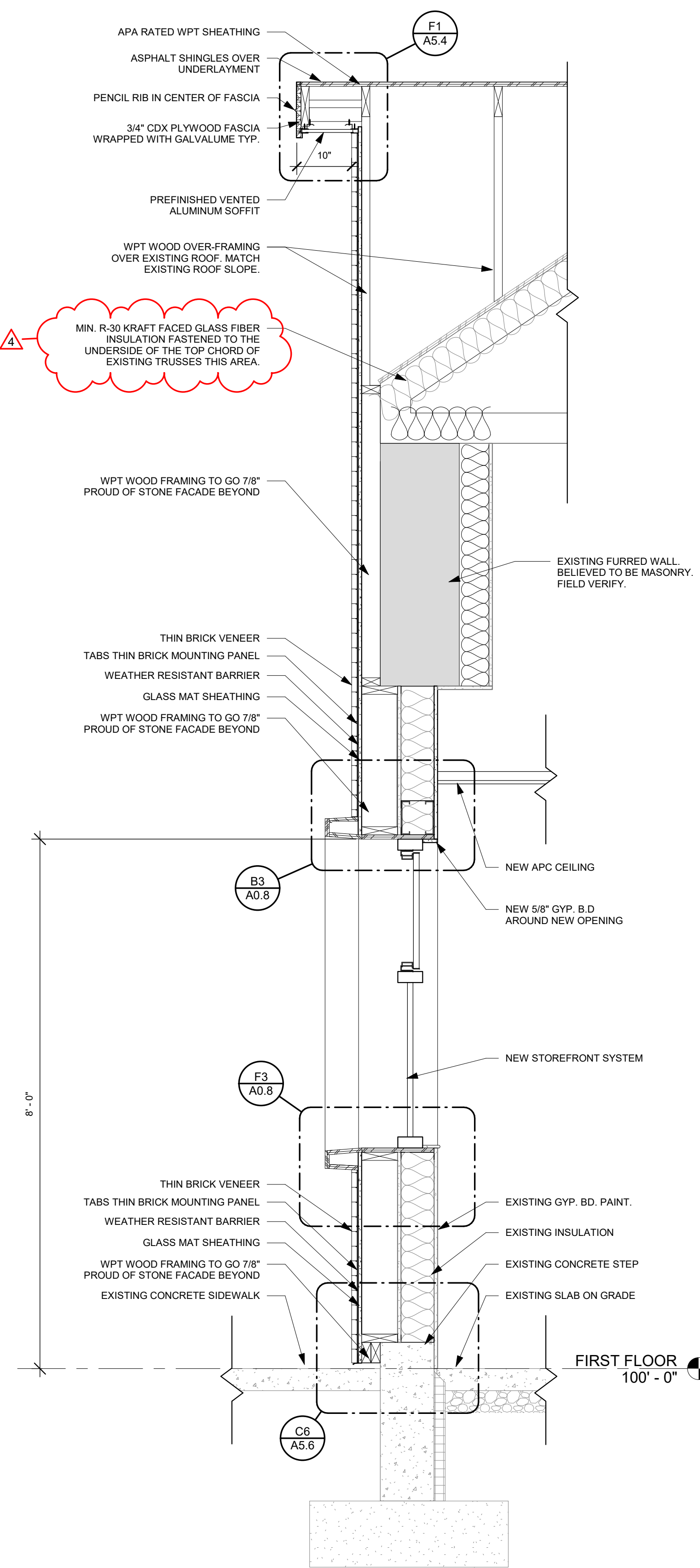
SHEET NO.

**A4.1**

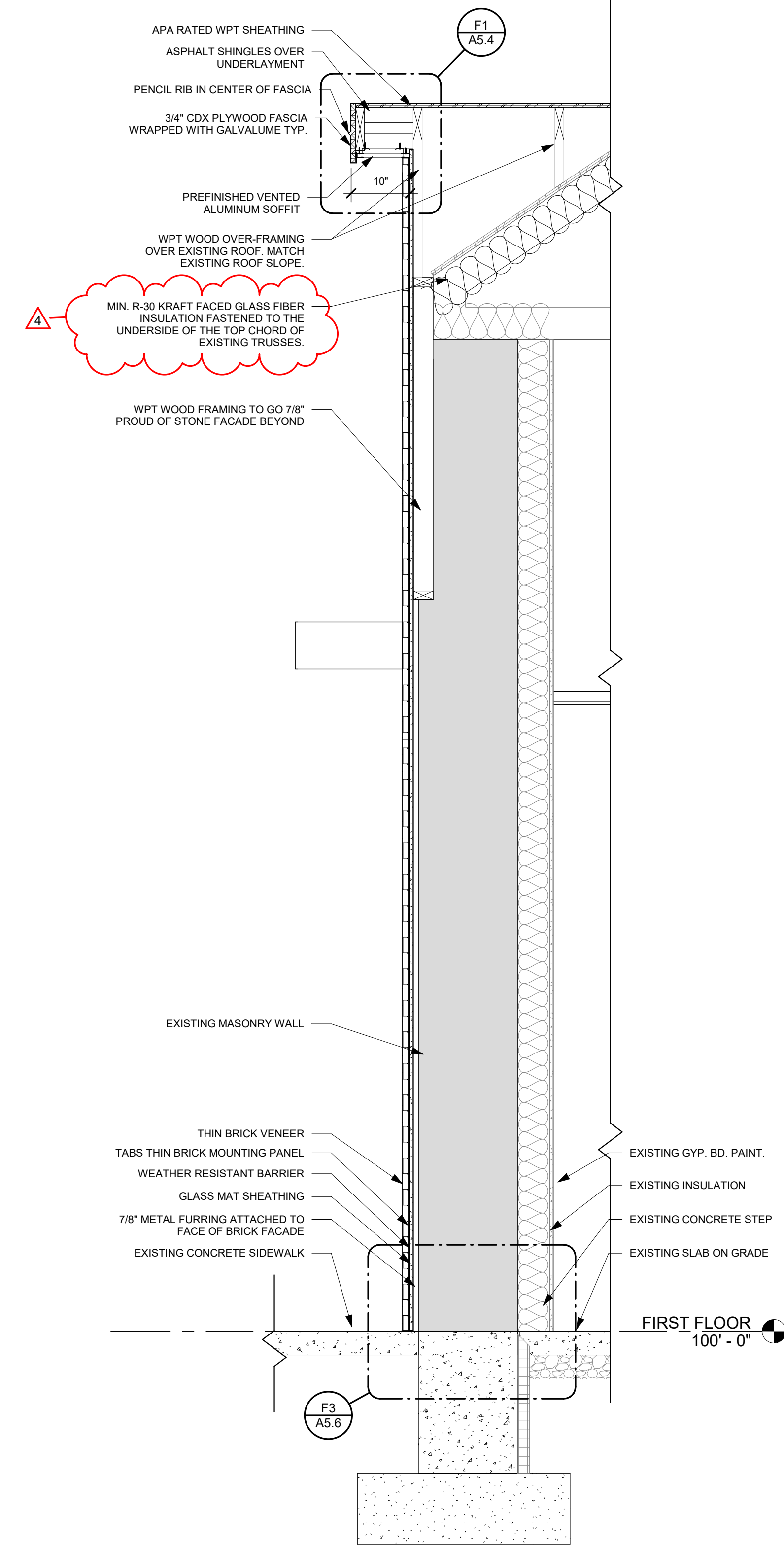


1 | 2 | 3 | 4 | 5 | 6 | 7

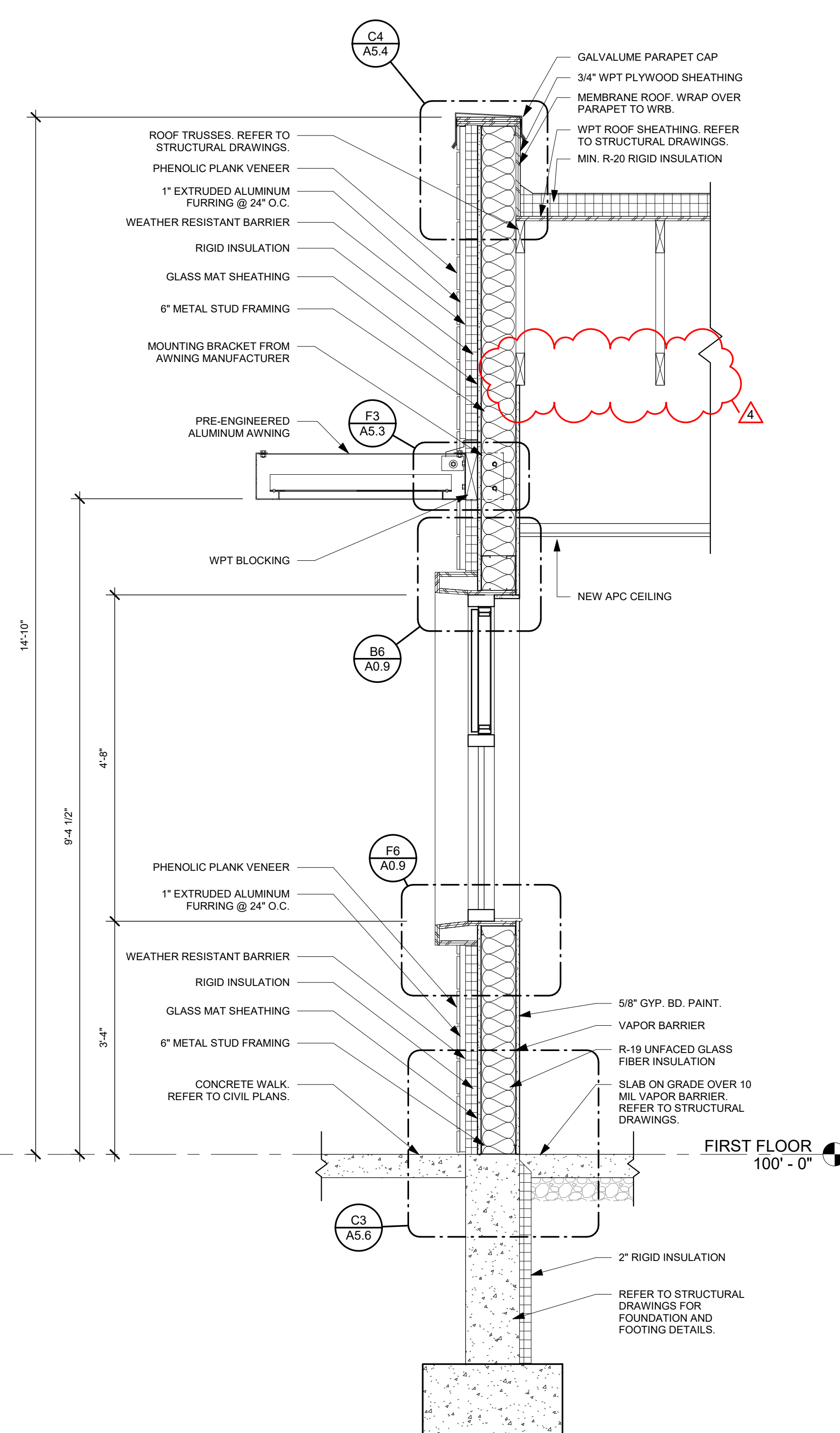
A  
B  
C  
D  
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F



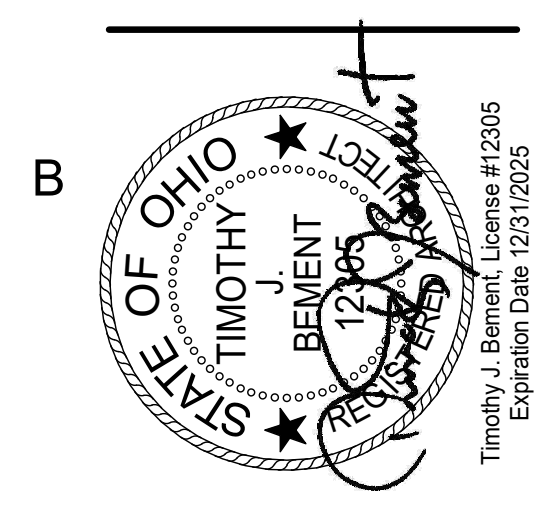
**F1** WALL SECTION  
3/4" = 1'-0"



**F3** WALL SECTION  
3/4" = 1'-0"



**F5** WALL SECTION  
3/4" = 1'-0"



**Building Renovation and Addition**  
**East End Community Services**  
**West Care - 624 Building**  
624 Xenia Avenue, Dayton, Ohio 45410

NO.	DATE	DESCRIPTION
1	12/07/23	FOR CONSTRUCTION
4	01/08/2024	ADDENDUM 3

DATE	12/07/2023
JOB NO.	4132.00
DRAWN	KE/MM/AE
CHECKED	CMS/TJB
TITLE	WALL SECTIONS

1 | 2 | 3 | 4 | 5 | 6 | 7

1

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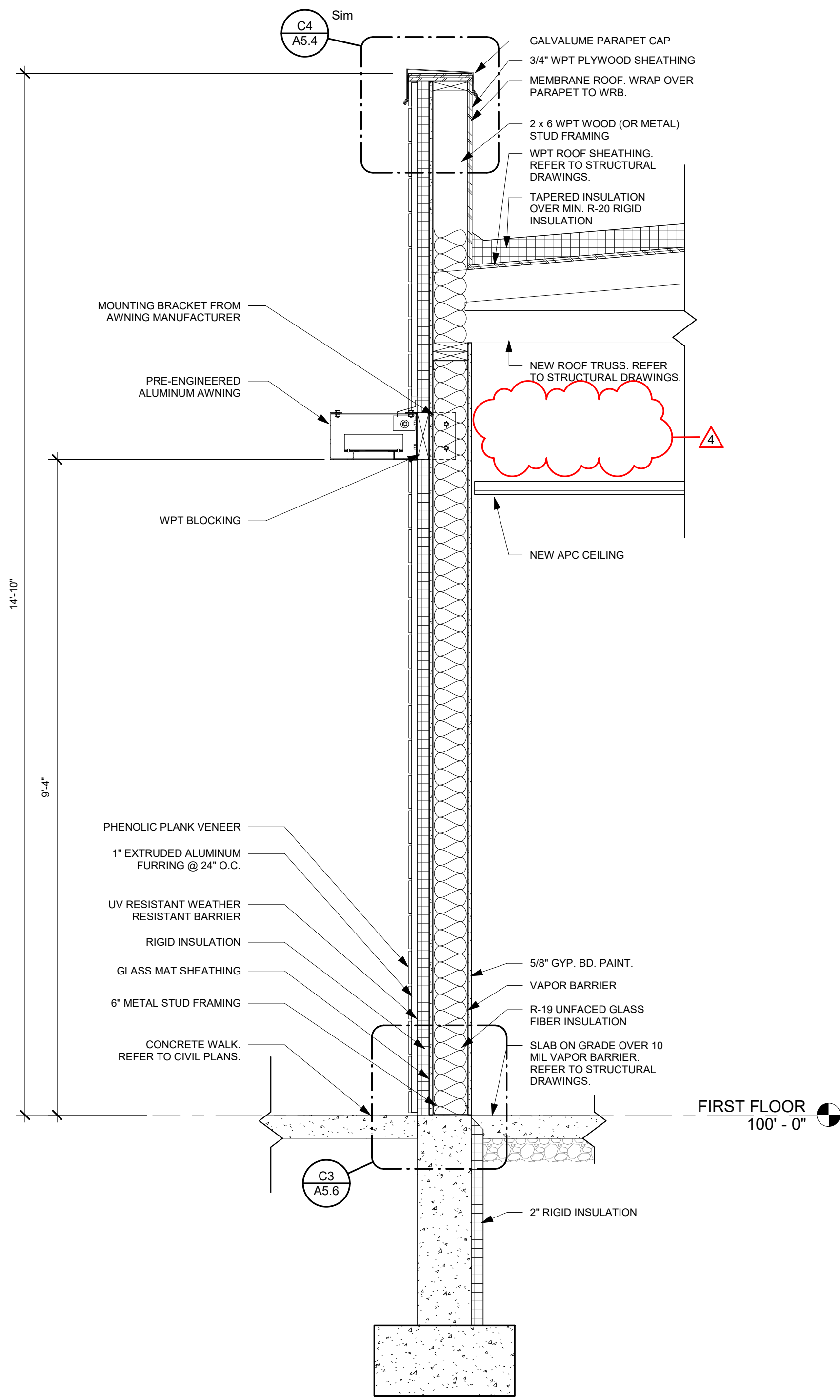
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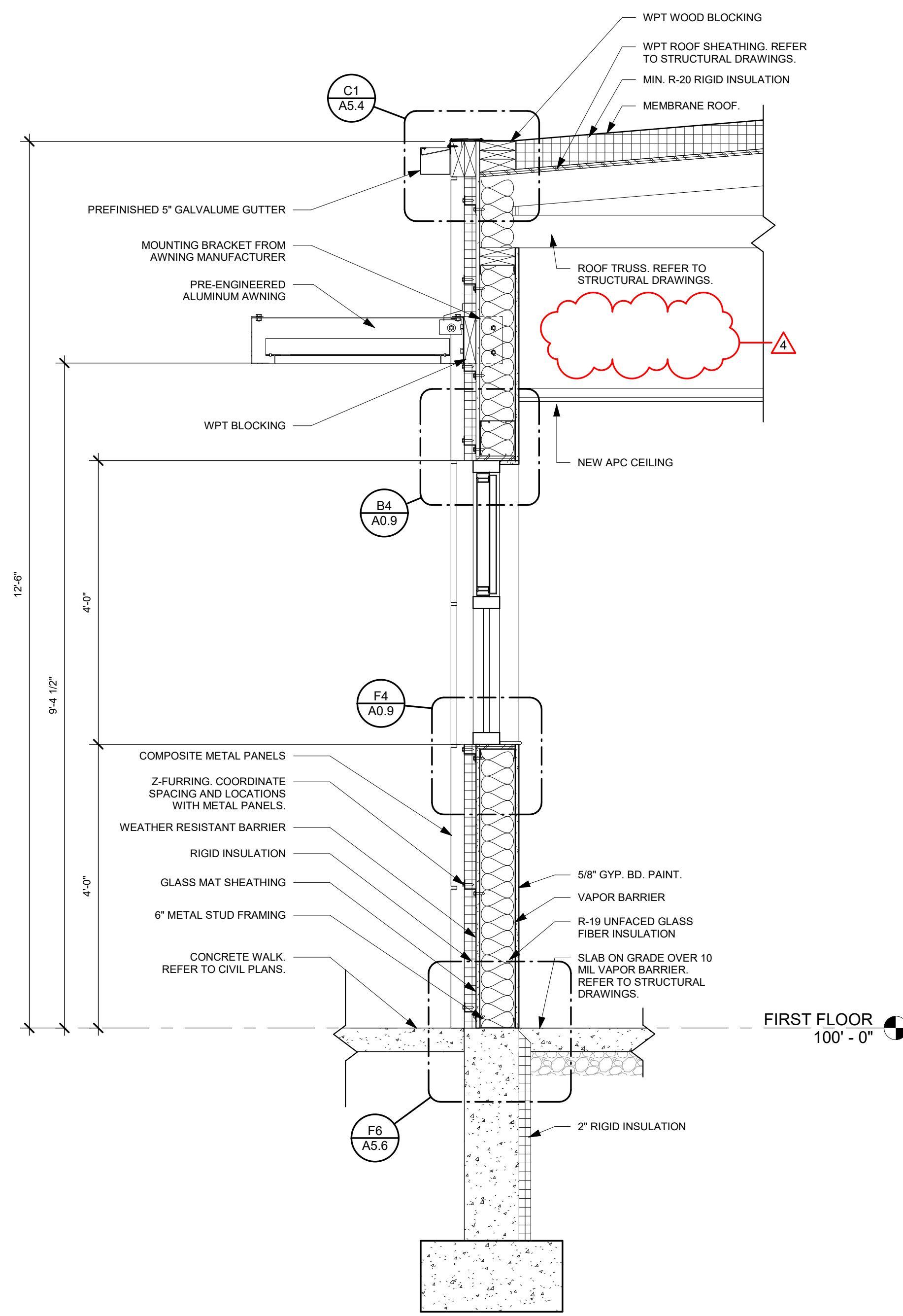
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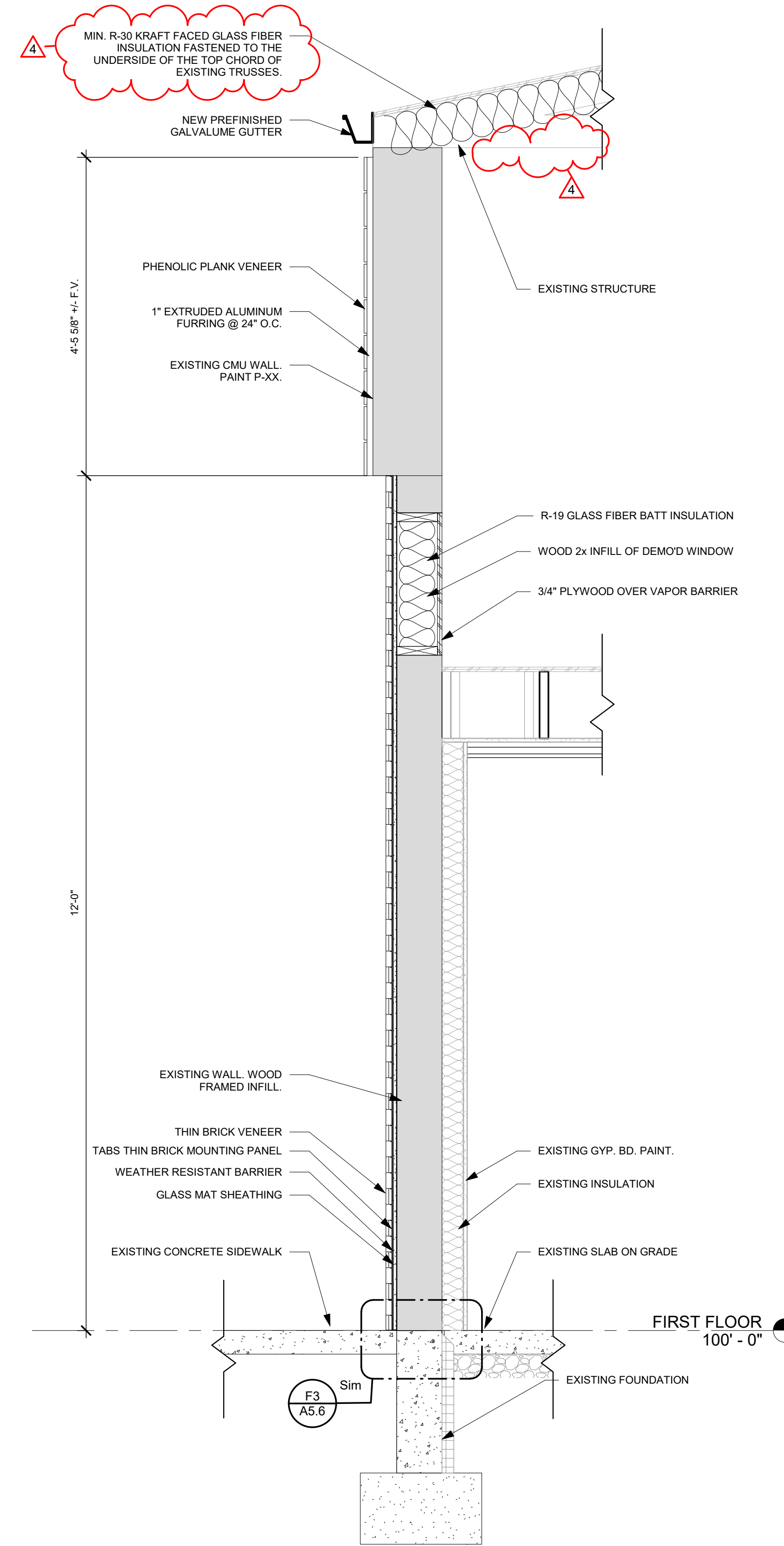
F



**F1** WALL SECTION  
3/4" = 1'-0"



**F3** WALL SECTION  
3/4" = 1'-0"



**F5** WALL SECTION  
3/4" = 1'-0"



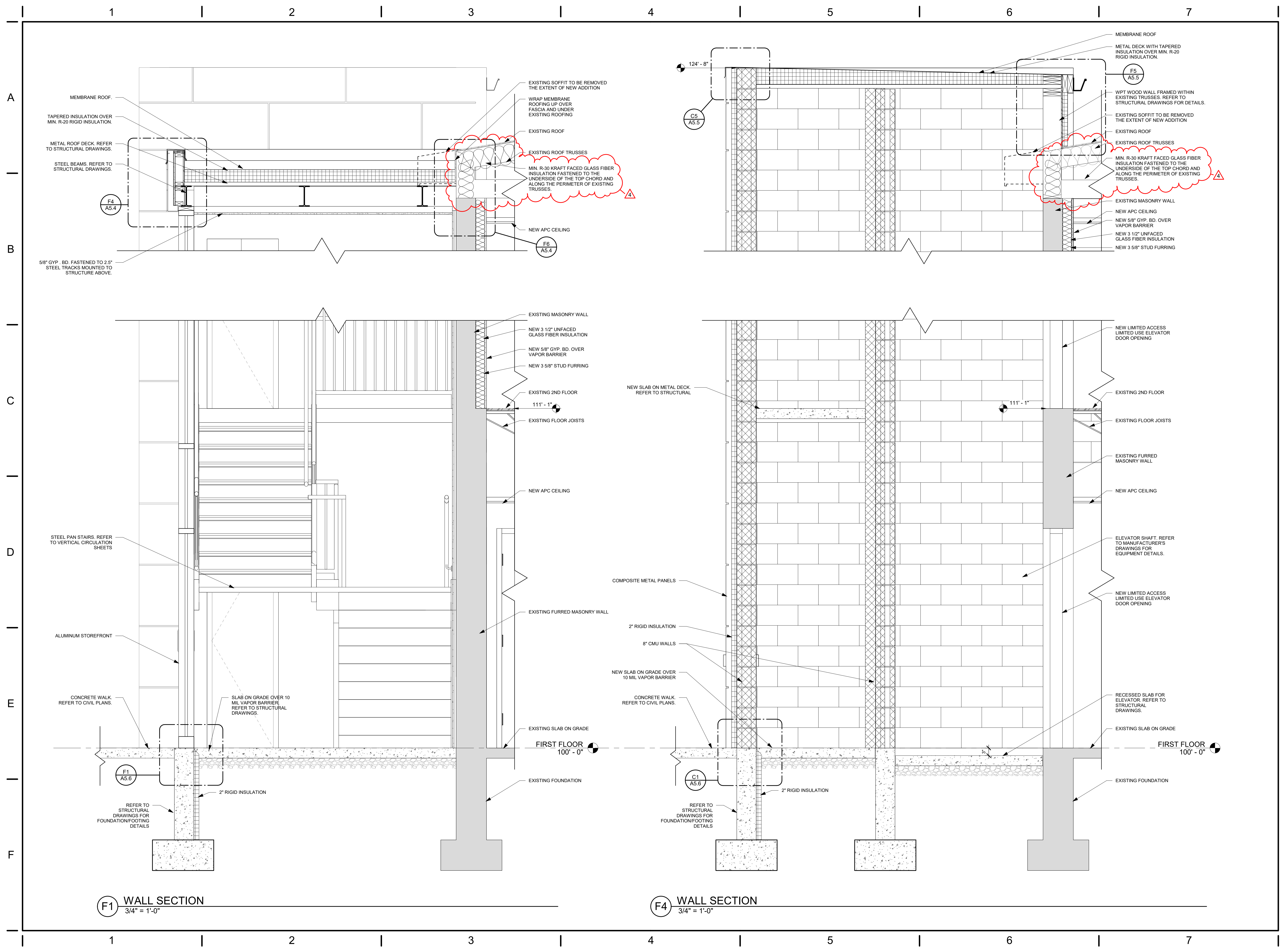
**Building Renovation and Addition  
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West Care - 624 Building**  
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NO.	DATE	DESCRIPTION
1	12/07/23	FOR CONSTRUCTION
4	01/08/2024	ADDENDUM 3

DATE	12/07/2023
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TITLE	WALL SECTIONS

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**F1** WALL SECTION  
3/4" = 1'-0"

**F4** WALL SECTION  
3/4" = 1'-0"

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TIMOTHY J. BEMENT  
LICENSED ARCHITECT  
12/05  
12/2025  
Timothy J. Bement, License #12305  
Expiration Date 12/31/2025

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**East End Community Services  
West Care - 624 Building**  
624 Xenia Avenue, Dayton, Ohio 45410

ISSUE

NO.	DATE	DESCRIPTION
1	12/07/23	FOR CONSTRUCTION
4	01/08/2024	ADDENDUM 3

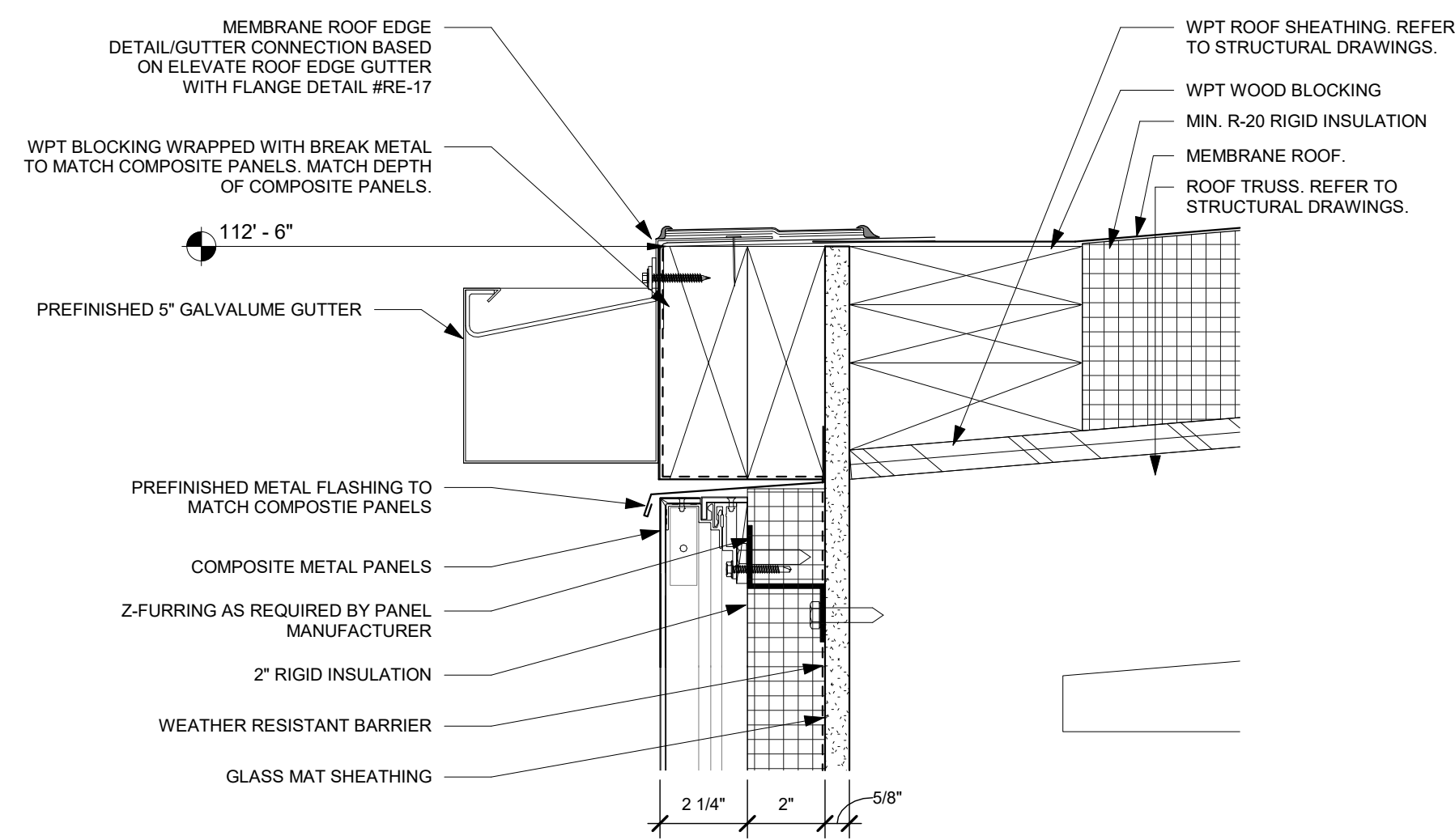
DATE	12/07/2023
JOB NO.	4132.00
DRAWN	KE/MM/AE
CHECKED	CMS/TJB
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TITLE	WALL SECTIONS

SHEET NO.  
**A4.4**

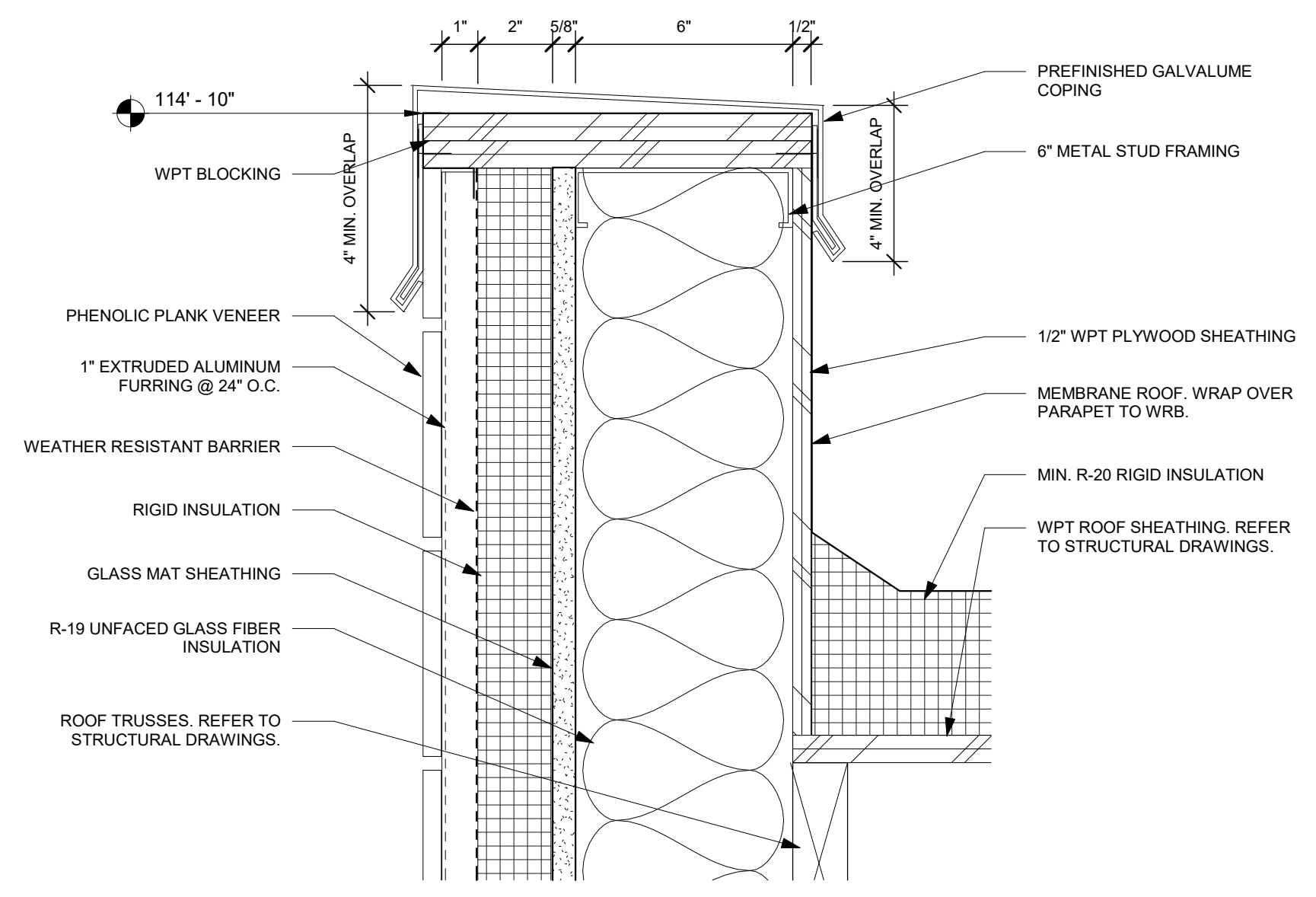


1 | 2 | 3 | 4 | 5 | 6 | 7

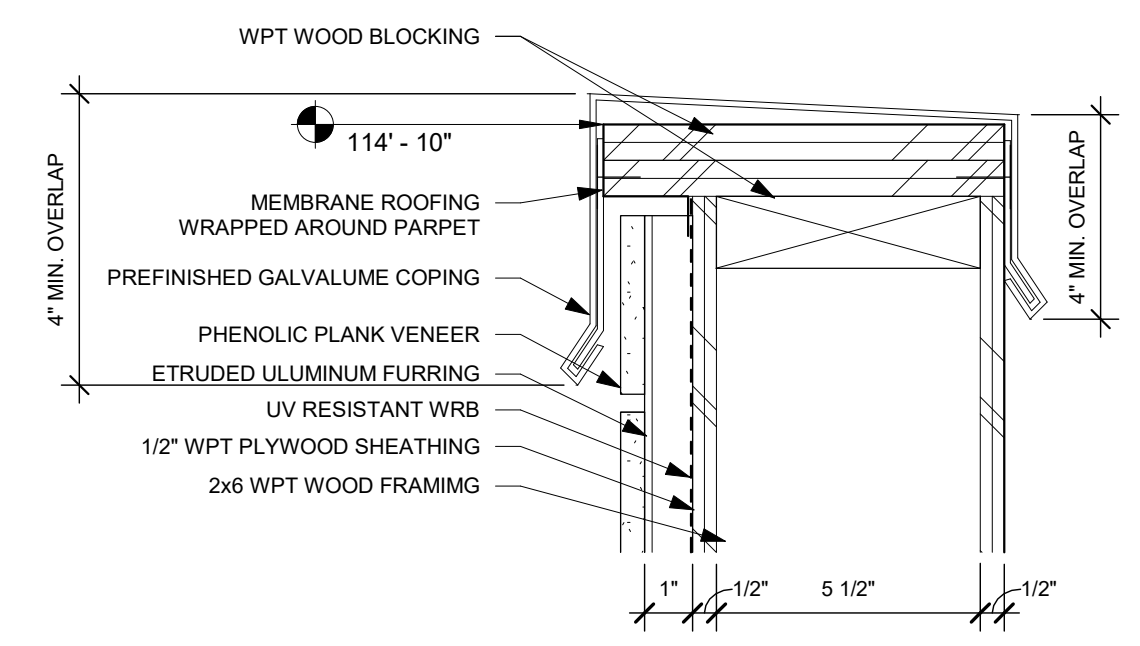
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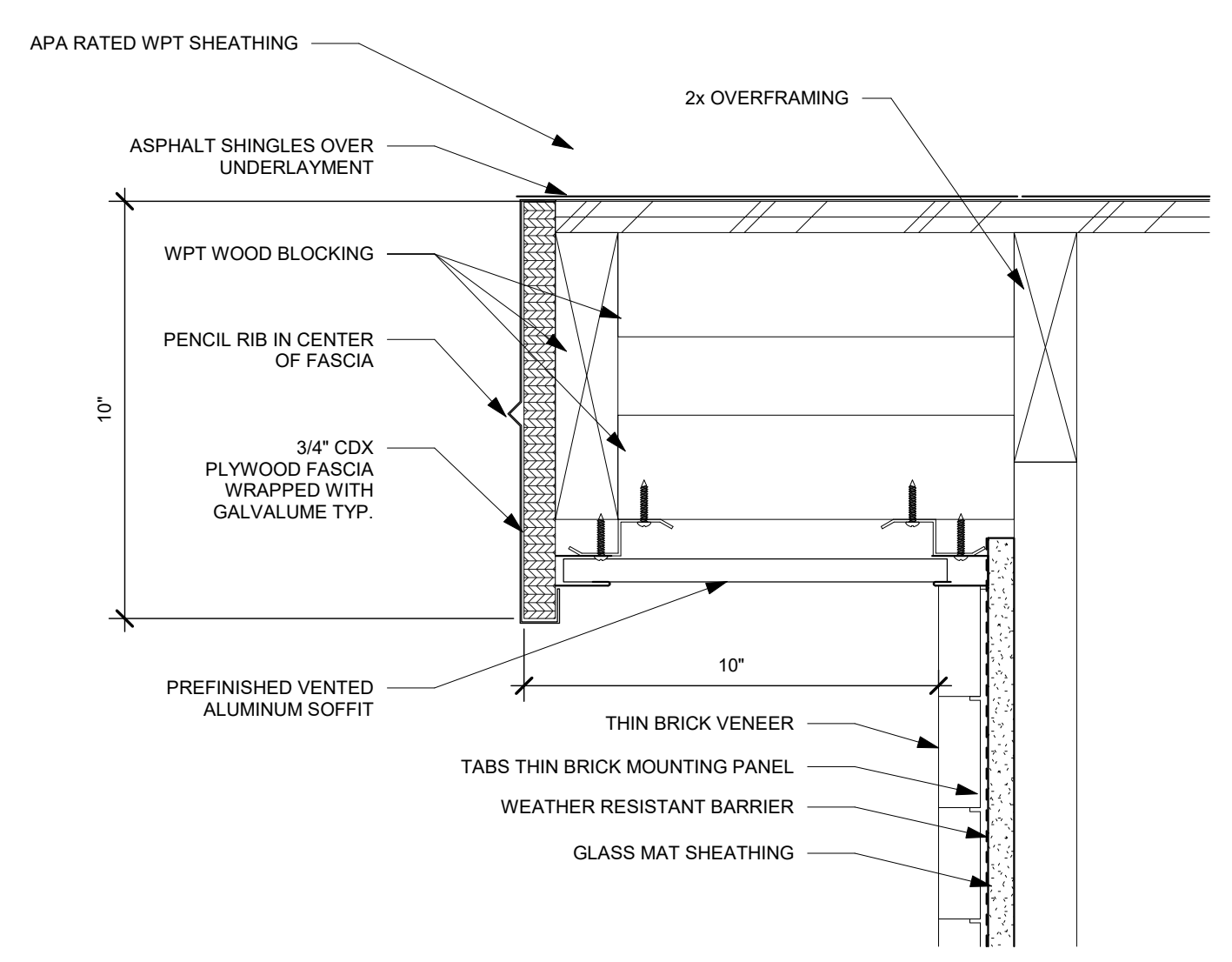
**C1** PARAPET DETAIL  
3" = 1'-0"



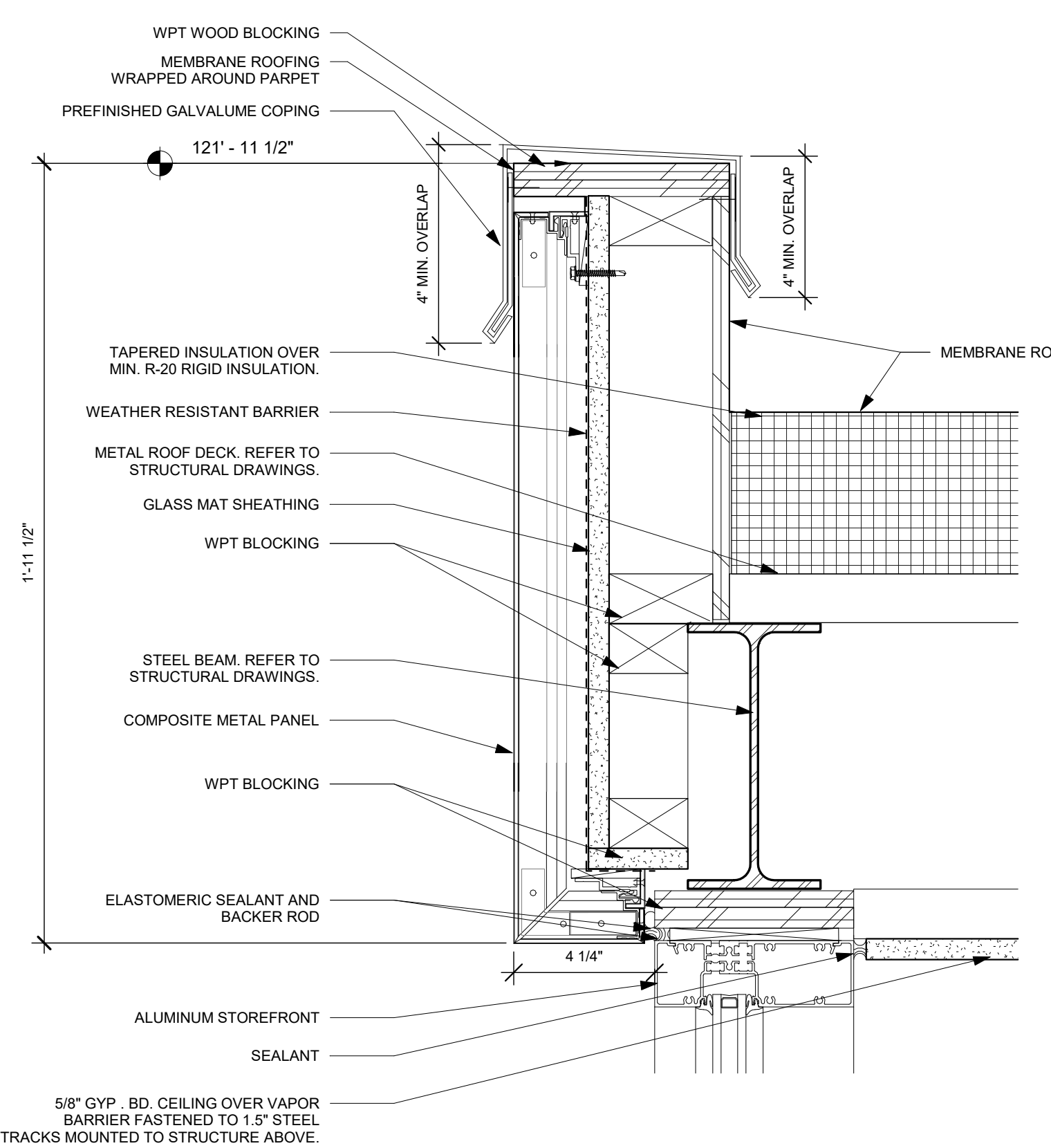
**C4** PARAPET DETAIL  
3" = 1'-0"



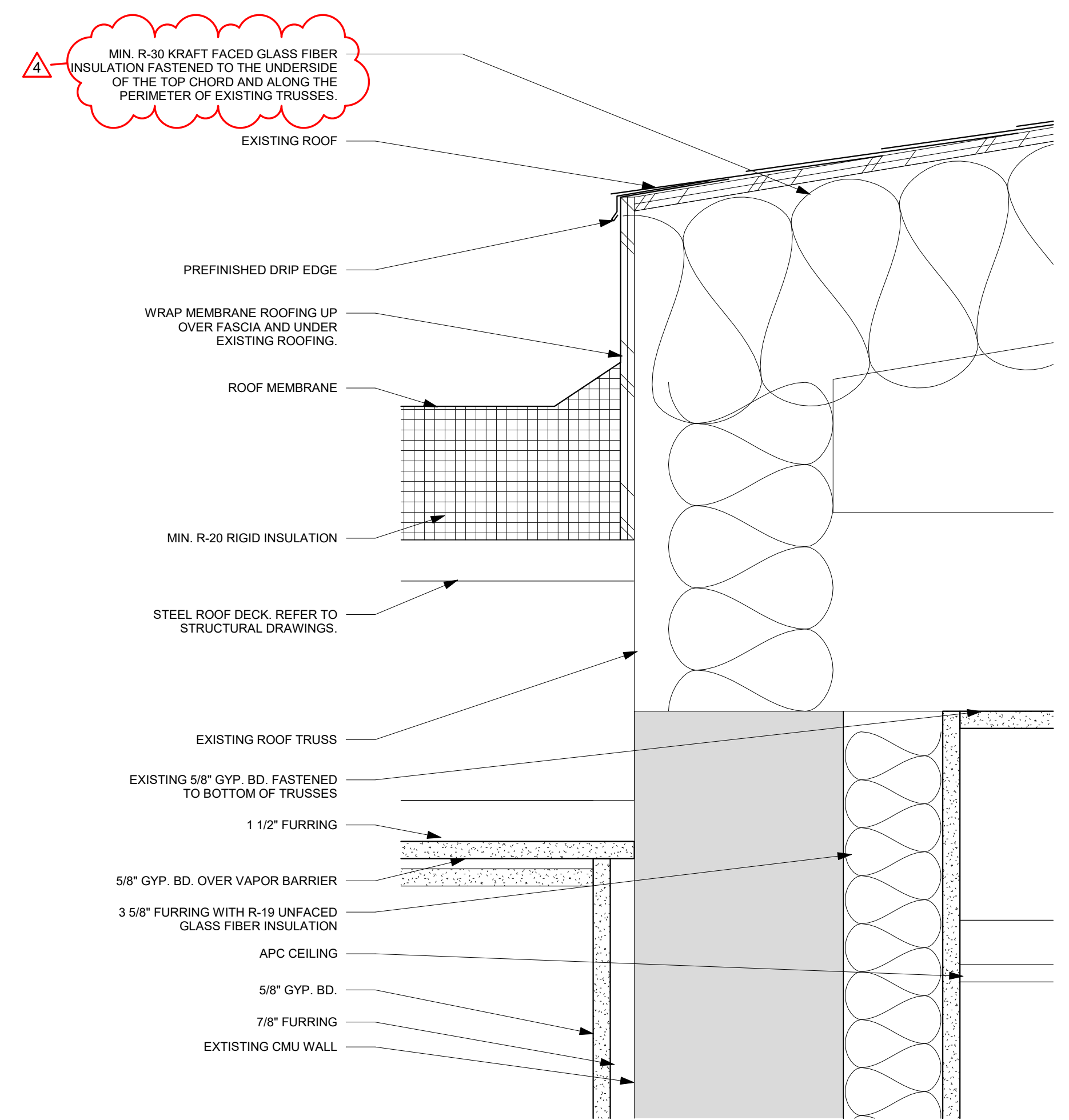
**C6** PARAPET DETAIL  
3" = 1'-0"



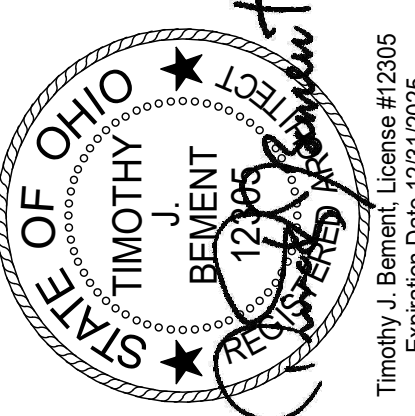
**F1** RAKE DETAIL  
3" = 1'-0"



**F4** PARAPET DETAIL  
3" = 1'-0"



**F6** ROOF DETAIL  
3" = 1'-0"



NO.	DATE	DESCRIPTION
1	12/07/23	FOR CONSTRUCTION
4	01/08/2024	ADDENDUM 3

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TITLE  
**EXTERIOR DETAILS - ROOF**

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1 | 2 | 3 | 4 | 5 | 6 | 7



**EQUIPMENT SCHEDULE**

TYPE MARK	DESCRIPTION	PROVIDED BY	REMARKS
EQ-01	STOVE, COMMERCIAL RANGE	OFCI	
EQ-02	MICROWAVE	OFCI	
EQ-03	UNDER COUNTER FRIDGE	OFCI	
EQ-04	REFRIGERATOR	OFCI	
EQ-05	DISHWASHER	OFCI	
EQ-06	WHITE BOARD	OFCI	1, 3
EQ-07	MONITOR	OFCI	11
EQ-08	MOP HANGER WITH OVERSHELF	OFCI	11

**TOILET ACCESSORY SCHEDULE**

TYPE MARK	DESCRIPTION	PROVIDED BY	REMARKS
TS-01	SOAP DISPENSER	OFCI	1, 2
TS-02	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	OFCI	1, 2
TS-03	SURFACE MOUNTED PAPER TOWEL DISPENSER WITH TRASH	OFCI	1, 2
TS-04	TOILET TISSUE DISPENSER	OFCI	1, 2
TS-05	SURFACE MOUNTED BABY CHANGING STATION	OFCI	1, 2
TS-06	MIRROR, WALL - 36" X 36"	OFCI	1, 2
TS-07	MIRROR, WALL - 18" X 36"	OFCI	1, 2
TS-08	GRAB BAR, STAINLESS STEEL, (3) PIECE ASSEMBLY, 18" X 1.5" DIA. 36" X 1.5" DIA. 42" X 1.5" DIA.	OFCI	1, 2
TS-09	RECESSED PAPER TOWEL DISPENSER WITH TRASH	OFCI	1, 2
TS-10	SURFACE MOUNTED PAPER TOWEL DISPENSER	OFCI	1, 2

REFER TO SPECIFICATIONS FOR MORE INFORMATION.

**GENERAL NOTES:**

OWNER PROVIDED ITEMS:

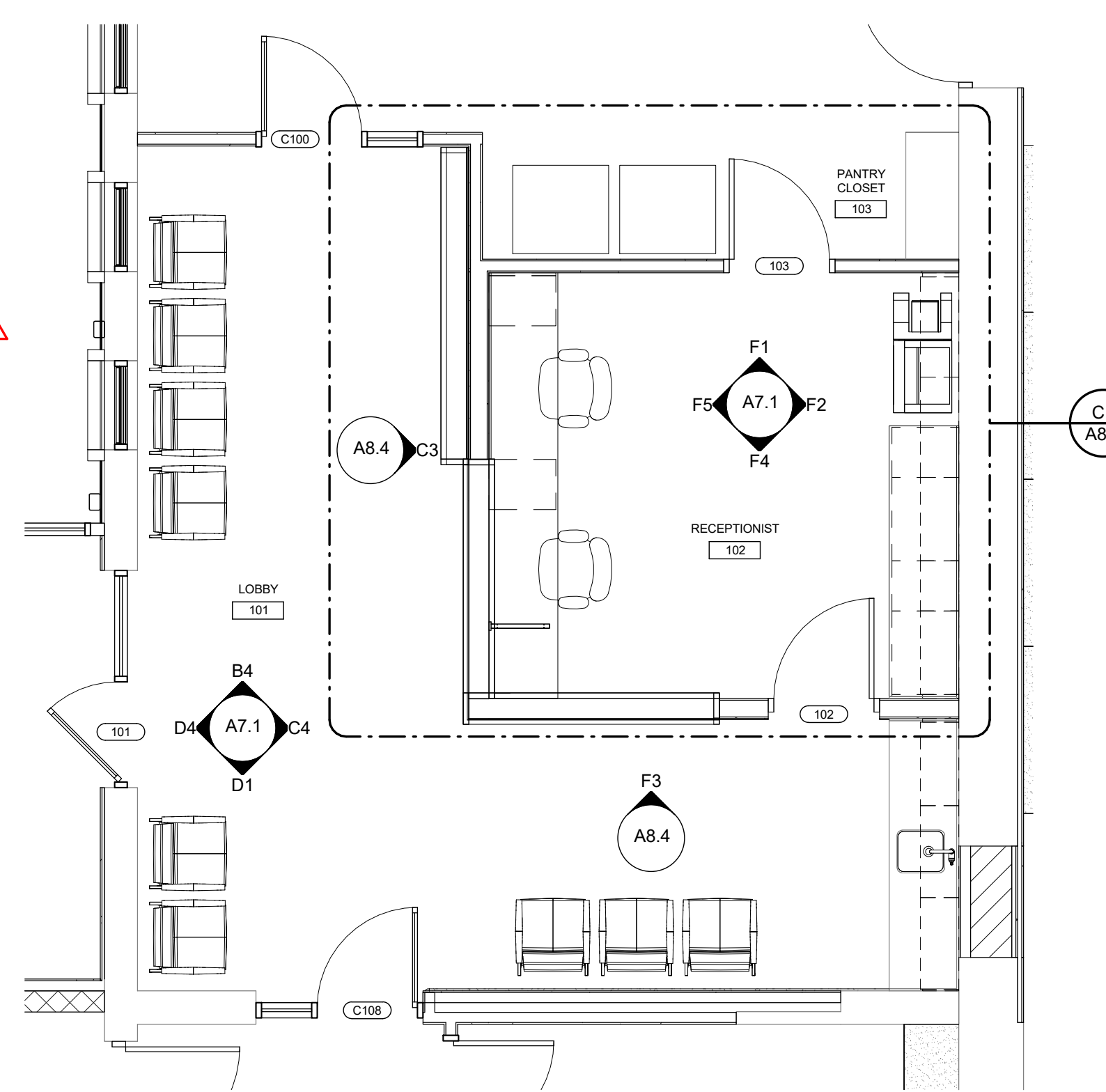
- OFCI = OWNER FURNISHED CONTRACTOR INSTALLED
- OFOI = OWNER FURNISHED OWNER INSTALLED

CONTRACTOR PROVIDED ITEMS:

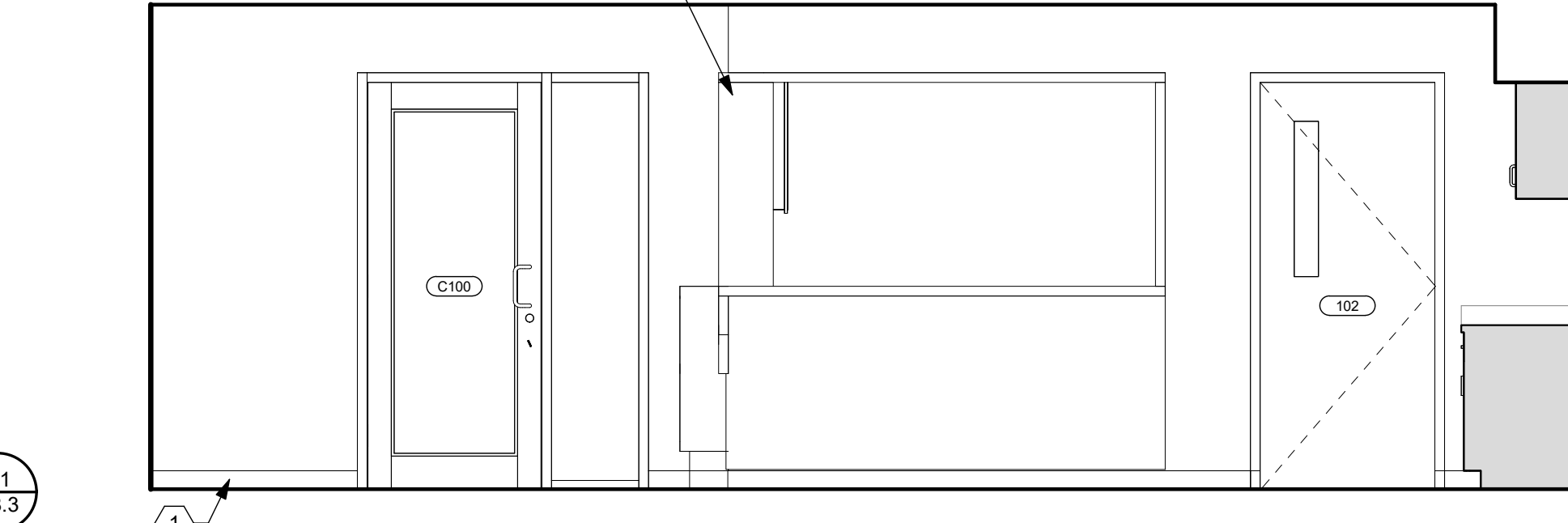
- CFCI = CONTRACTOR FURNISHED CONTRACTOR INSTALLED

**REMARKS:**

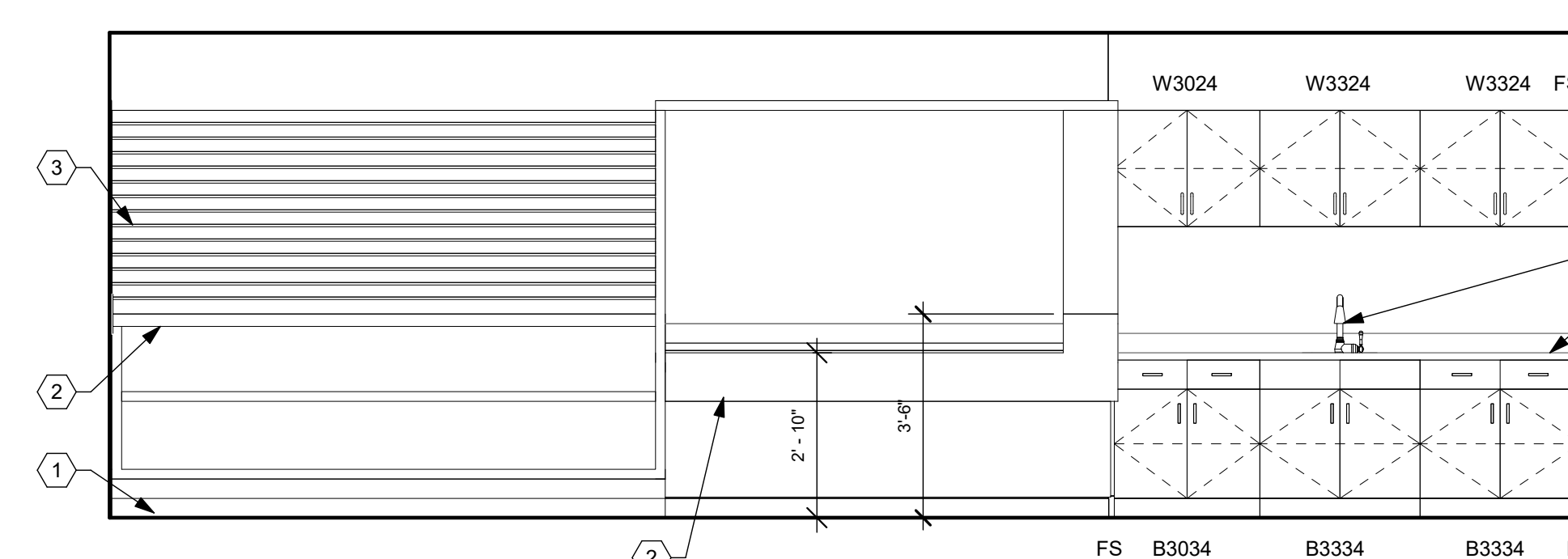
- G.C. TO PROVIDE BLOCKING INSIDE WALL CAVITY.
- REFER TO SHEET G0.2 FOR MOUNTING HEIGHTS AND CLEARANCES REQUIRED TO MEET ADA REQUIREMENTS. COORDINATE NON-ADA ACCESSORY MOUNTING LOCATIONS WITH OWNER.
- BASIS OF DESIGN: QUARTET INFINITY GLASS MAGNETIC DRY ERASE BOARD, 72" x 48" (6' x 4'), WHITE SURFACE.



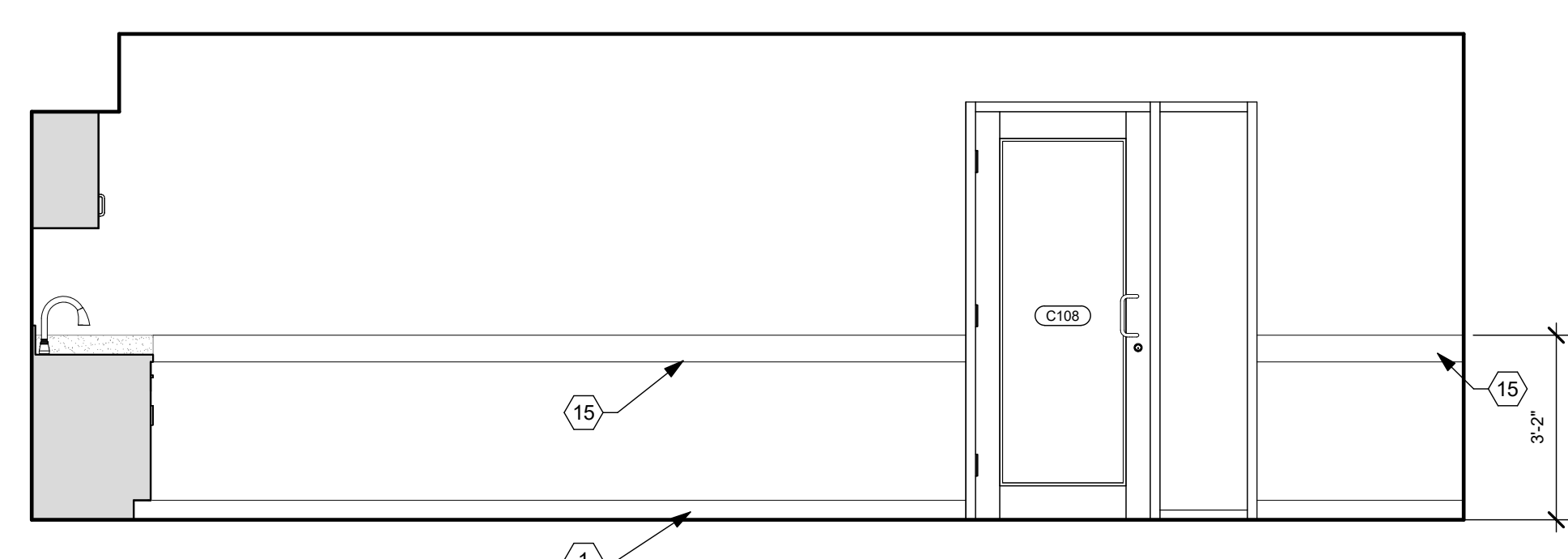
**C1 LOBBY/RECEPTION ENLARGED PLAN**  
1/4" = 1'-0"



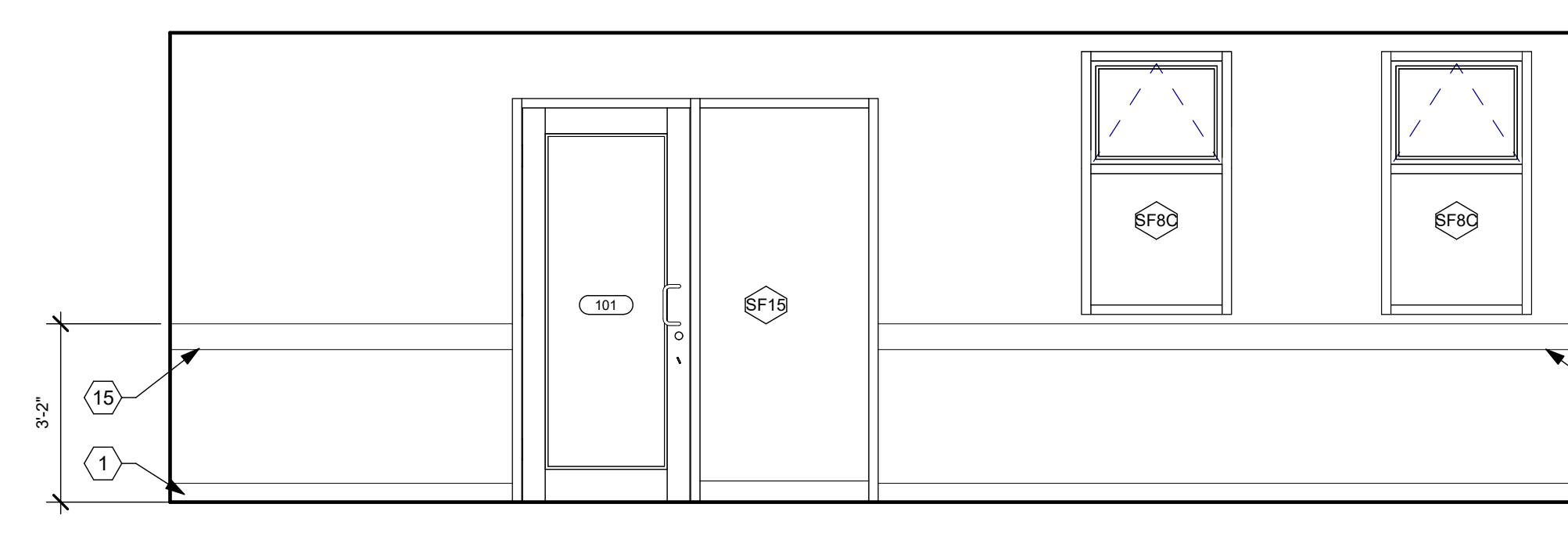
**B4 101 - LOBBY, NORTH**  
3/8" = 1'-0"



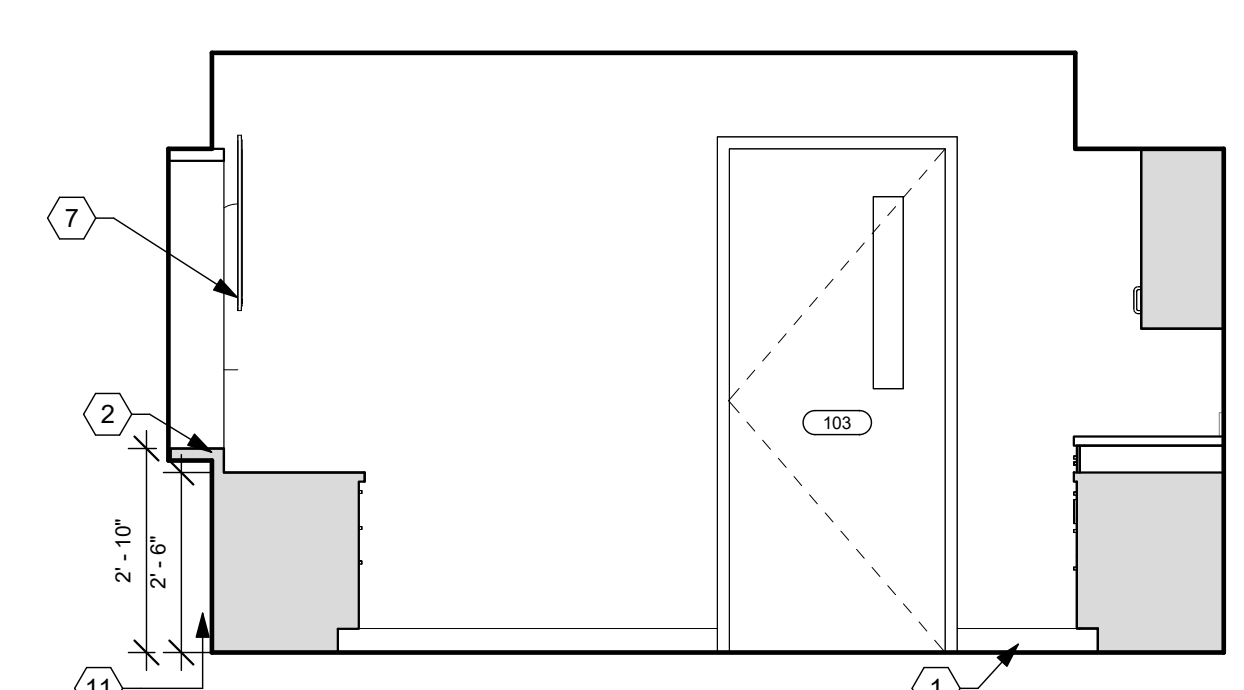
**C4 101 - LOBBY, EAST**  
3/8" = 1'-0"



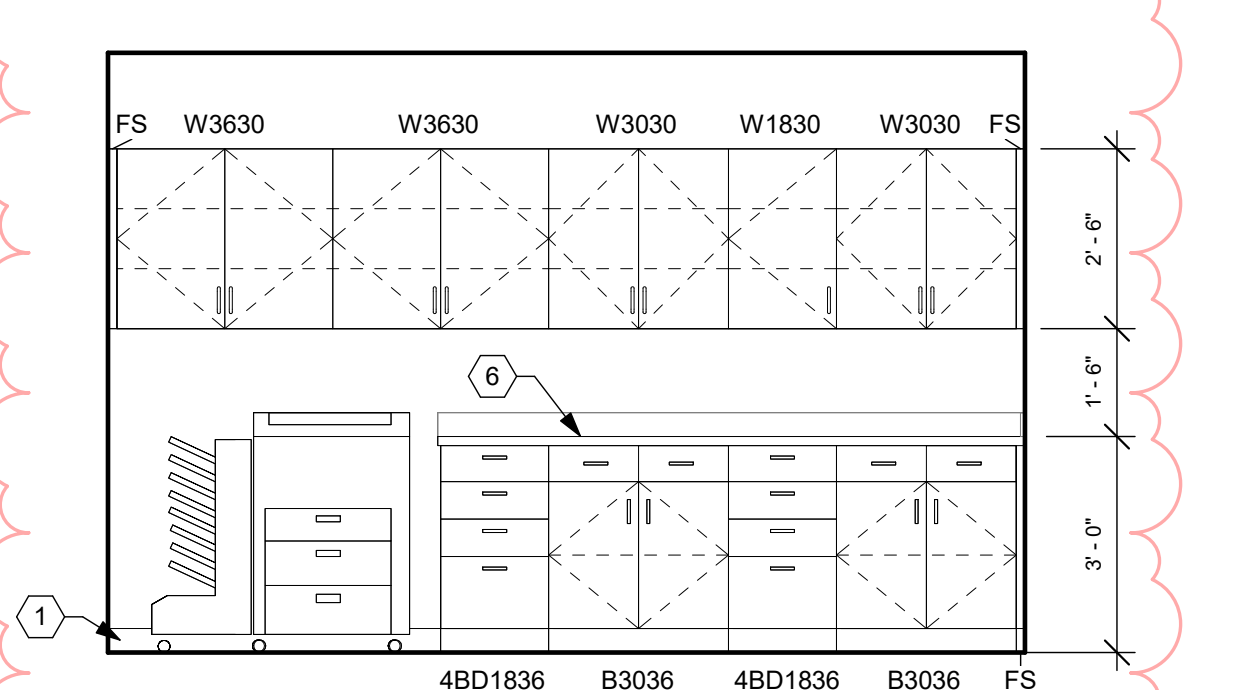
**D1 101 - LOBBY, SOUTH**  
3/8" = 1'-0"



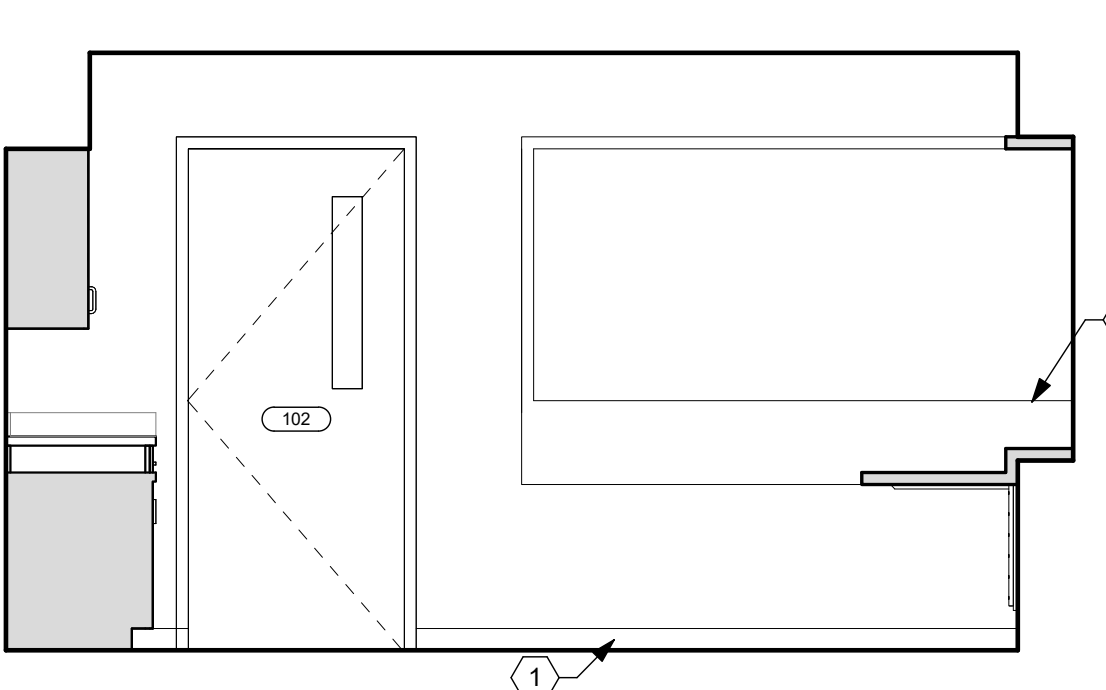
**D4 101 - LOBBY, WEST**  
3/8" = 1'-0"



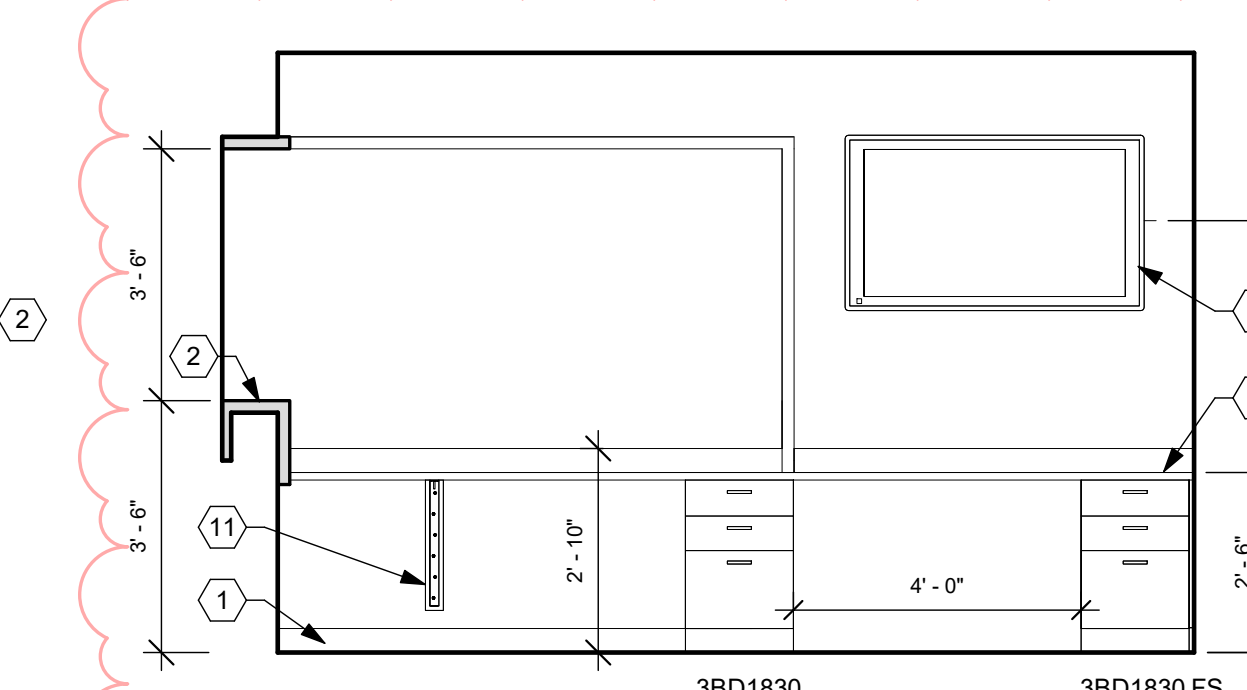
**F1 102 - RECEPTION, NORTH**  
3/8" = 1'-0"



**F2 102 - RECEPTION, EAST**  
3/8" = 1'-0"



**F4 102 - RECEPTION, SOUTH**  
3/8" = 1'-0"



**F5 102 - RECEPTION, WEST**  
3/8" = 1'-0"

**CONSTRUCTION NOTES**

- (00) INDICATES CONSTRUCTION NOTE.  
NOT ALL NOTES USED ON THIS PAGE.
- BASE. REFER TO FINISH SCHEDULE.
  - RECEPTION CASEWORK. REFER TO A8.2-3 FOR DETAILS.
  - NEW SLATWALL PANEL. (PL-1)
  - SINK. REFER TO PLUMBING DRAWINGS.
  - METAL AIR VENT GRILL. BASIS OF DESIGN: MCKET GT (3'X7").
  - (PL-2) COUNTERTOP WITH BACK & SIDE SPLASHES.
  - MONITOR. OFCI.
  - NEW HIGH/LOW DRINKING FOUNTAINS. REFER TO PLUMBING DRAWINGS.
  - (PL-2) WORK SURFACE.
  - SOLID SURFACE (SSM-1) COUNTERTOP WITH BACK & SIDE SPLASHES.
  - COUNTER SUPPORT BRACKET. 48" O.C. MAX.
  - NEW TOILET PARTITIONS.
  - FIBERGLASS REINFORCED PANELS. (FRP-1)
  - STAINLESS STEEL PANEL. (SS)
  - SOLID SURFACE (SSM-1) CHAIR RAIL.
  - UNDER-COUNTER REFRIGERATOR (OFCI).
  - EXHAUST HOOD. REFER TO HVAC DRAWINGS.
  - STAINLESS STEEL SHELVES. BASIS OF DESIGN: ADVANCE TABCO 96" X 12" WALL SHELF.
  - FURNISH AND INSTALL NEW ACCESS DOOR. BASIS OF DESIGN: BEST ACCESS DOORS, BA-DW-5058-58, 24"X36".
  - PT-2. CUT TILE TO 6"X24". ALIGN GROUT LINES WITH FLOOR TILE.
  - PORCELAIN WALL TILE (PT-3). ALIGN GROUT LINES WITH FLOOR TILE.
  - PORCELAIN WALL TILE (PT-2). ALIGN GROUT LINES WITH FLOOR TILE.
  - PORCELAIN TILE WALL BASE. (PTWB) ALIGN GROUT LINES WITH FLOOR TILE.
  - ATTIC SPACE BEYOND WALL.
  - PROVIDE AND INSTALL NEW ADJUSTABLE SHELVES. REFER TO A8.1.
  - SOLID SURFACE (SSM-1) FRAME AROUND ACCESS DOOR TO MATCH CHAIR RAIL.

**GENERAL NOTES**

- EXAMPLE OF CASEWORK DIMENSIONS (2436) INDICATES 24" WIDTH X 36" HEIGHT. FOR DEPTH REFER TO TYPICAL CASEWORK DETAILS U.N.O.
- PROVIDE 3/4" PLASTIC LAMINATE SCRIBE AGAINST FINISHED WALLS AT BASE AND WALL CABINETS.
- ALL BASE & WALL CABINET (PL-1). U.N.O.
- INSTALL SOLID WOOD (CONTRACTOR OPTION SHEET STEEL) BLOCKING IN WALLS BEHIND WALL-MOUNTED ITEMS INCLUDING CASEWORK, RAILINGS, TOILET ACCESSORIES, ETC. WOOD BLOCKING IS PROHIBITED IN 2-HR RATED WALLS. USE SHEET STEEL FOR BLOCKING IN THESE LOCATIONS.
- REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL RECEPTACLE LOCATIONS.
- SEE SHEET A8.1 AND A8.2 FOR TYPICAL CABINET SECTIONS AND DETAILS.
- ALL OUTSIDE CORNERS OF SOLID SURFACE COUNTERTOPS SHALL PROJECT 1" PAST CABINET/SUPPORT AND SHALL HAVE 1/16" RADIUS CORNER EXCEPT AT REFRIGERATORS AND EQUIPMENT, WHERE SQUARE CORNERS AND 1/4" PROJECTION SHALL BE USED.
- REFER TO SHEET A7.1 FOR (EQ-XX) EQUIPMENT SCHEDULE. NOT EVERY ITEM SHOWN IS LABELED. LABEL IS "TYPICAL" OF OTHERS SHOWN. COORDINATE FINAL POSITION WITH OWNER.
- DESIGNATION (XX-X) REFER TO FINISHES. REFER TO SPECIFICATIONS DIVISION 09, AND SHEET A0.2 FOR FINISHES DESCRIPTION AND ABBREVIATIONS.
- ALL COUNTERTOPS 25" DEEP U.N.O.
- CASEWORK TYPES (PREFIX) ABBREVIATIONS:
  - B - BASE CABINET
  - BC - BASE CABINET - COMPUTER
  - BT - BASE CABINET - TRASH
  - SADA - SINK CABINET - ADA
  - SB - SINK BASE CABINET
  - W - WALL CABINET
  - WM - WALL CABINET - MICROWAVE
  - BD - BASE CABINET - DRAWINGS
  - BF - BASE CABINET - FILES
  - BO - BASE CABINET - OPEN SHELVES
  - FS - FILLER STRIP
  - IB - ISLAND BASE CABINET

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**STATE OF OHIO**  
TIMOTHY J. BEMENT  
12/06  
Professional Engineer  
Expiration Date 12/31/2025

**Building Renovation and Addition**  
**East End Community Services**  
**West Care - 624 Building**  
624 Xenia Avenue, Dayton, Ohio 45410

ISSUE

NO.	DATE	DESCRIPTION
1	12/07/23	FOR CONSTRUCTION
2	12/22/2023	ADDENDUM 1
4	01/08/2024	ADDENDUM 3

DATE 12/07/2023  
JOB NO. 4132.00  
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CHECKED CMS/TJB  
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TITLE  
**INTERIOR ELEVATIONS**

SHEET NO.  
**A7.1**



**CONSTRUCTION NOTES**

- (00) INDICATES CONSTRUCTION NOTE.
- NOT ALL NOTES USED ON THIS PAGE.
- 1 BASE. REFER TO FINISH SCHEDULE.
- 2 RECEPTION CASEWORK. REFER TO A8.2-3 FOR DETAILS.
- 3 NEW SLATWALL PANEL. (PL-1)
- 4 SINK. REFER TO PLUMBING DRAWINGS.
- 5 METAL AIR VENT GRILL. BASIS OF DESIGN: MCKET GT (3"X7").
- 6 (PL-2) COUNTERTOP WITH BACK & SIDE SPLASHES.
- 7 MONITOR, OFCI.
- 8 NEW HIGH LOW DRINKING FOUNTAINS. REFER TO PLUMBING DRAWINGS.
- 9 (PL-2) WORK SURFACE.
- 10 SOLID SURFACE (SSM-1) COUNTERTOP WITH BACK & SIDE SPLASHES.
- 11 COUNTER SUPPORT BRACKET. 48" O.C. MAX.
- 12 NEW TOILET PARTITIONS.
- 13 FIBERGLASS REINFORCED PANELS. (FRP-1)
- 14 STAINLESS STEEL PANEL. (SS)
- 15 SOLID SURFACE (SSM-1) CHAIR RAIL.
- 16 UNDER-COUNTER REFRIGERATOR (OFCI).
- 17 EXHAUST HOOD. REFER TO HVAC DRAWINGS.
- 18 STAINLESS STEEL SHELVES. BASIS OF DESIGN: ADVANCE TABCO 96" X 12" WALL SHELF.
- 19 FURNISH AND INSTALL NEW ACCESS DOOR. BASIS OF DESIGN: BEST ACCESS DOORS, BA-DW-5058-58, 24"X36".
- 20 PT-2. CUT TILE TO 6"X24". ALIGN GROUT LINES WITH FLOOR TILE.
- 21 PORCELAIN WALL TILE (PT-3). ALIGN GROUT LINES WITH FLOOR TILE.
- 22 PORCELAIN WALL TILE (PT-2). ALIGN GROUT LINES WITH FLOOR TILE.
- 23 PORCELAIN TILE WALL BASE. (PTWB) ALIGN GROUT LINES WITH FLOOR TILE.
- 24 ATTIC SPACE BEYOND WALL.
- 25 PROVIDE AND INSTALL NEW ADJUSTABLE SHELVES. REFER TO A8.1.
- 26 SOLID SURFACE (SSM-1) FRAME AROUND ACCESS DOOR TO MATCH CHAIR RAIL.

**GENERAL NOTES**

- A. EXAMPLE OF CASEWORK DIMENSIONS (2436) INDICATES 24" WIDTH X 36" HEIGHT. FOR DEPTH REFER TO TYPICAL CASEWORK DETAILS U.N.O.
- B. PROVIDE 3/4" PLASTIC LAMINATE SCRIBE AGAINST FINISHED WALLS AT BASE AND WALL CABINETS.
- C. ALL BASE & WALL CABINET (PL-1). U.N.O.
- D. INSTALL SOLID WOOD (CONTRACTOR OPTION SHEET STEEL) BLOCKING IN WALLS BEHIND WALL-MOUNTED ITEMS INCLUDING CASEWORK, RAILINGS, TOILET ACCESSORIES, ETC. WOOD BLOCKING IS PROHIBITED IN 2-HR RATED WALLS. USE SHEET STEEL FOR BLOCKING IN THESE LOCATIONS.
- E. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL RECEPTACLE LOCATIONS.
- F. SEE SHEET A8.1 AND A8.2 FOR TYPICAL CABINET SECTIONS AND DETAILS.
- G. ALL OUTSIDE CORNERS OF SOLID SURFACE COUNTERTOPS SHALL PROJECT 1" PAST CABINET SUPPORT AND SHALL HAVE 1/2" RADIUS CORNER EXCEPT AT REFRIGERATORS AND EQUIPMENT, WHERE SQUARE CORNERS AND 1/4" PROJECTION SHALL BE USED.
- H. REFER TO SHEET A7.1 FOR (EQ-XX) EQUIPMENT SCHEDULE. NOT EVERY ITEM SHOWN IS LABELED. LABEL IS "TYPICAL" OF OTHERS SHOWN. COORDINATE FINAL POSITION WITH OWNER.
- I. DESIGNATION (XX-X) REFER TO FINISHES. REFER TO SPECIFICATIONS DIVISION 09, AND SHEET A0.2 FOR FINISHES DESCRIPTION AND ABBREVIATIONS.
- J. ALL COUNTERTOPS 25" DEEP U.N.O.
- K. CASEWORK TYPES (PREFIX) ABBREVIATIONS:
  - B - BASE CABINET
  - BC - BASE CABINET - COMPUTER
  - BT - BASE CABINET - TRASH
  - SADA - SINK CABINET - ADA
  - SB - SINK BASE CABINET
  - W - WALL CABINET
  - WM - WALL CABINET - MICROWAVE
  - BD - BASE CABINET - DRAWINGS
  - BF - BASE CABINET - FILES
  - BO - BASE CABINET - OPEN SHELVES
  - FS - FILLER STRIP
  - IB - ISLAND BASE CABINET

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**STATE OF OHIO**  
TIMOTHY J. BEMENT  
LICENSE # 12305  
EXPIRES 12/31/2025

**Building Renovation and Addition**  
**East End Community Services**  
**West Care - 624 Building**

624 Xenia Avenue, Dayton, Ohio 45410

ISSUE	
NO.	DESCRIPTION
1	12/07/23 FOR CONSTRUCTION
4	01/08/2024 ADDENDUM 3

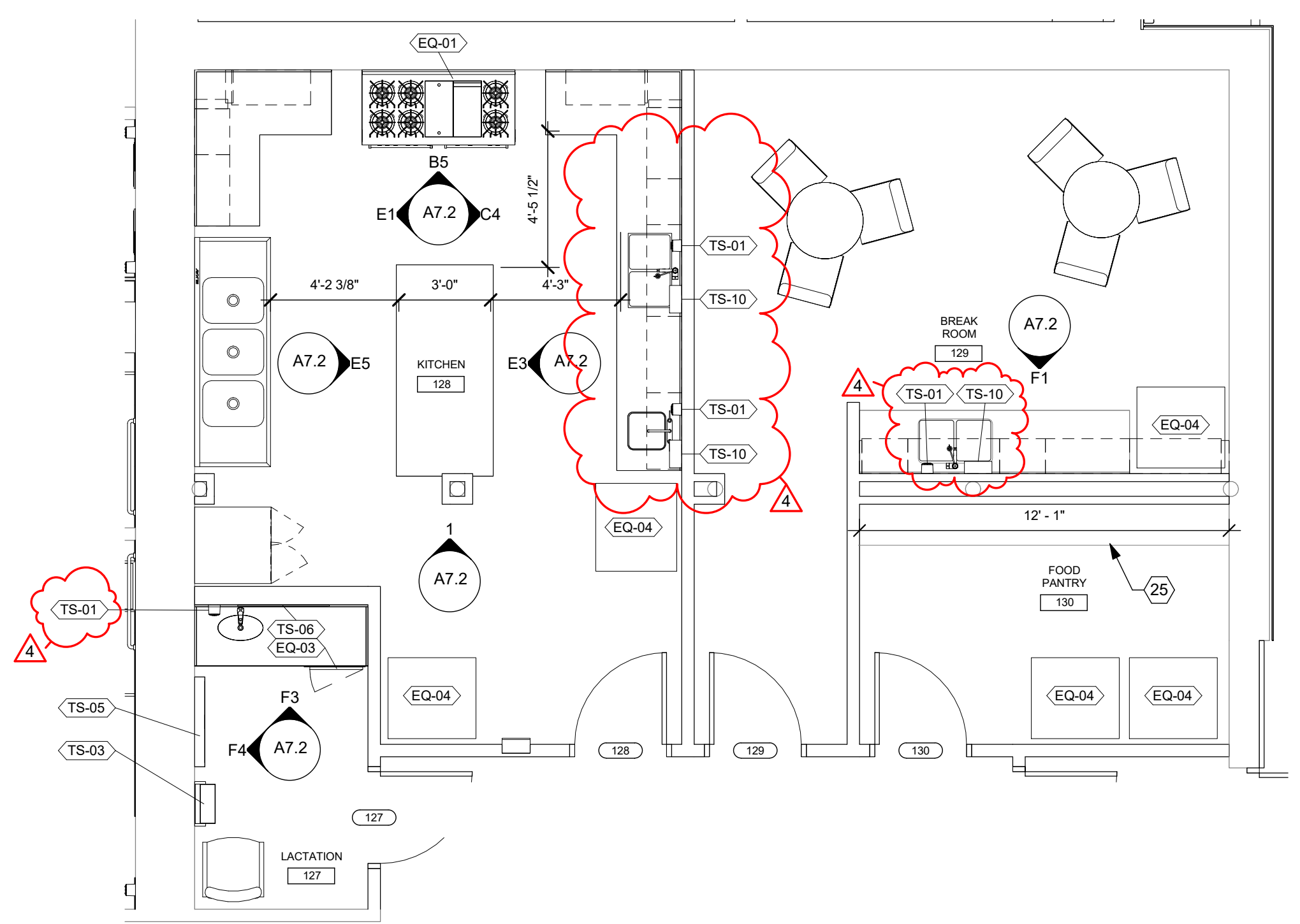
  

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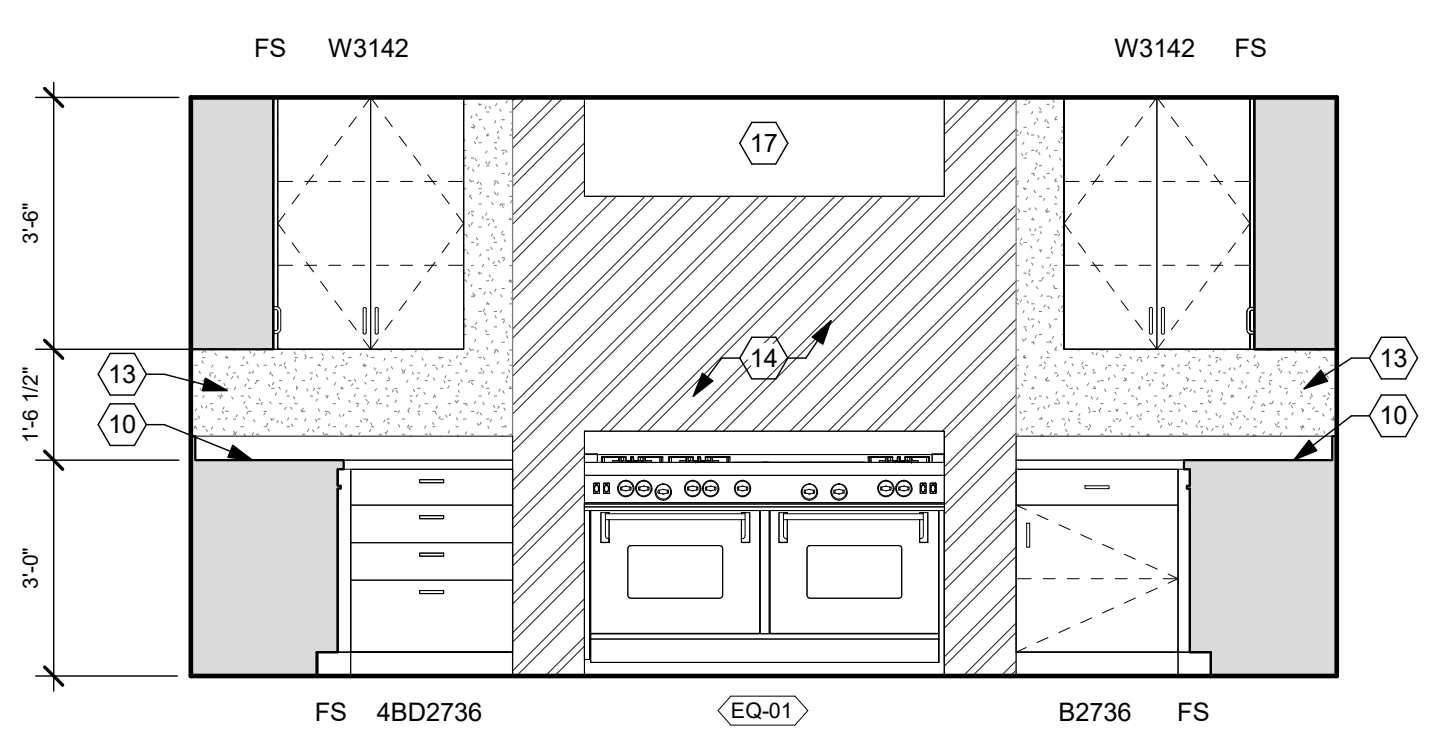
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SHEET NO.  
**A7.2**

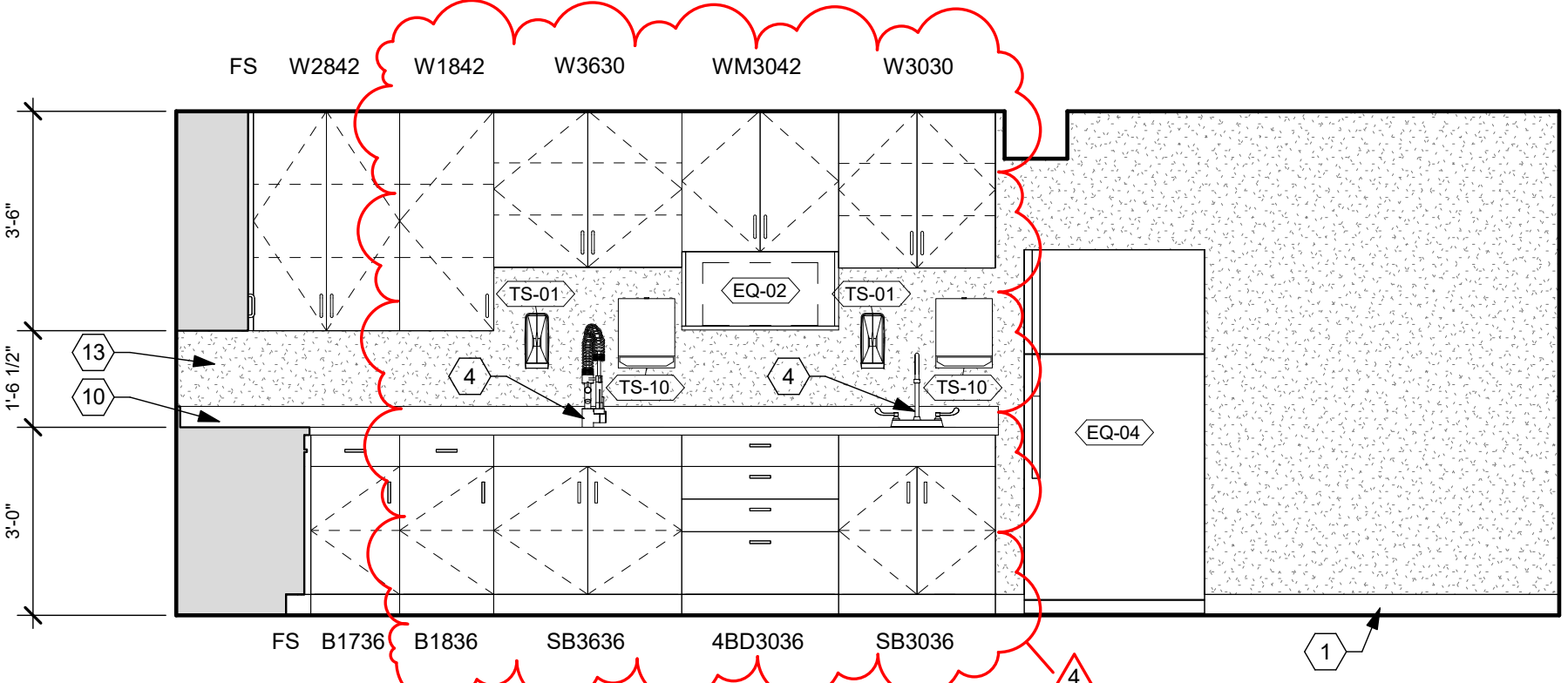
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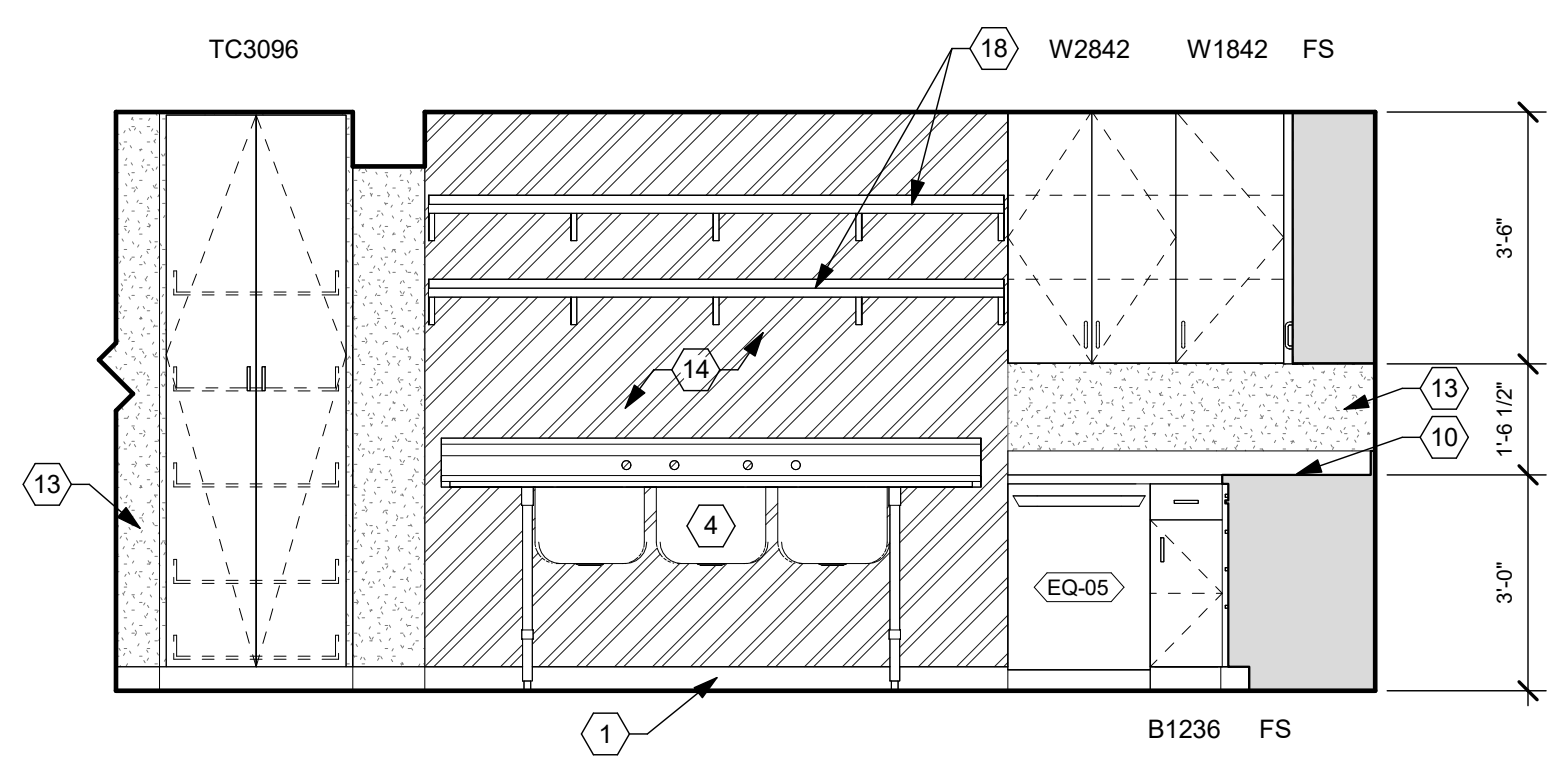
**(C1) RMS 122-125 KITCHEN/BREAK/LAC/PANTRY ENLARGED FLOOR PLAN**  
1/4" = 1'-0"



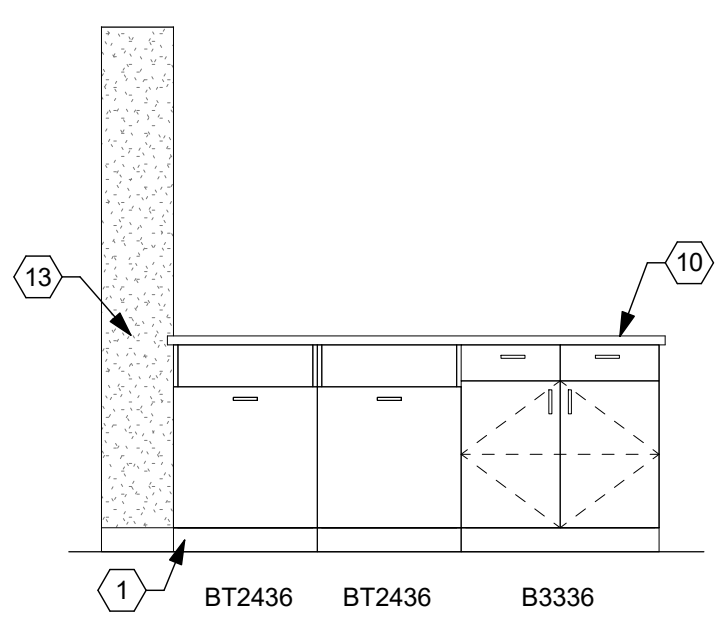
**(B5) RM 122 - KITCHEN, NORTH**  
3/8" = 1'-0"



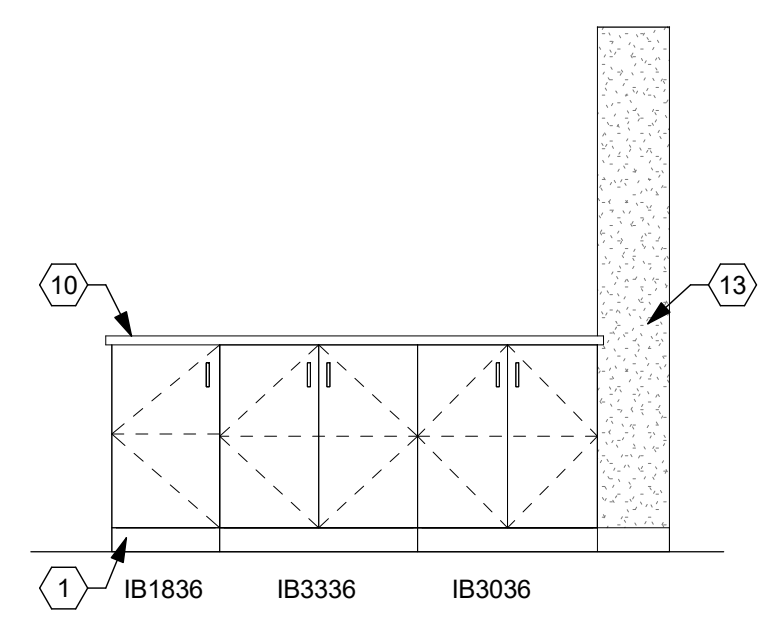
**(C4) RM 122 - KITCHEN, EAST**  
3/8" = 1'-0"



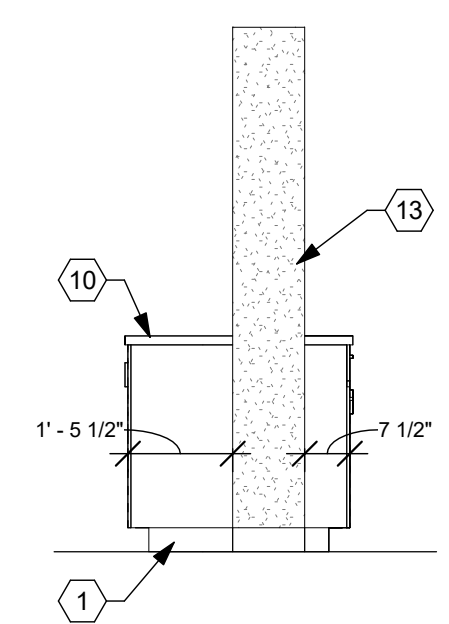
**(E1) RM 122 - KITCHEN, WEST**  
3/8" = 1'-0"



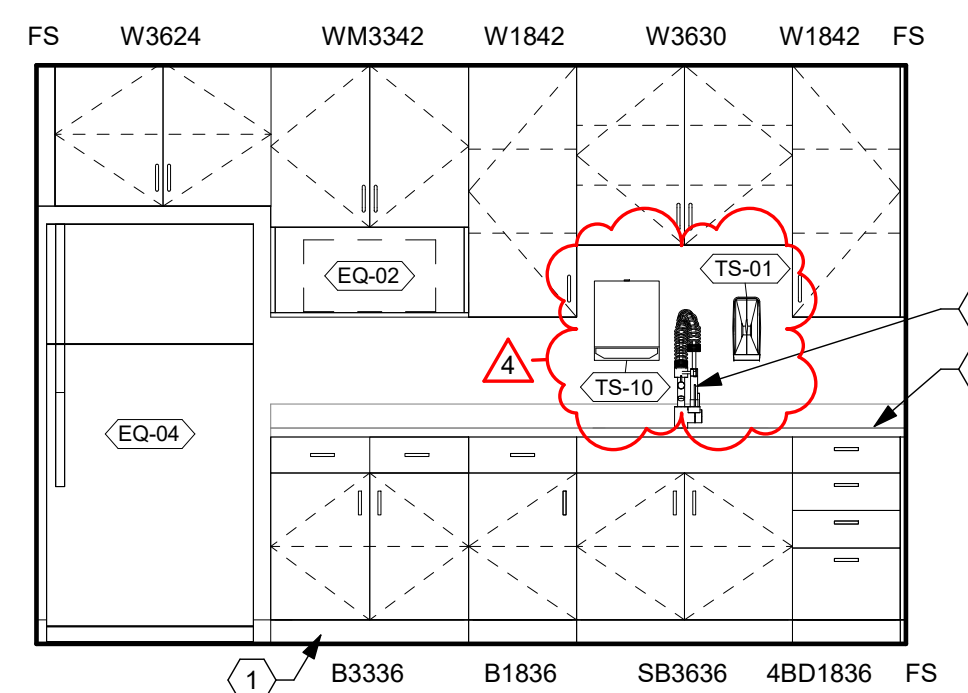
**(E3) RM 122 - KITCHEN ISLAND 1**  
3/8" = 1'-0"



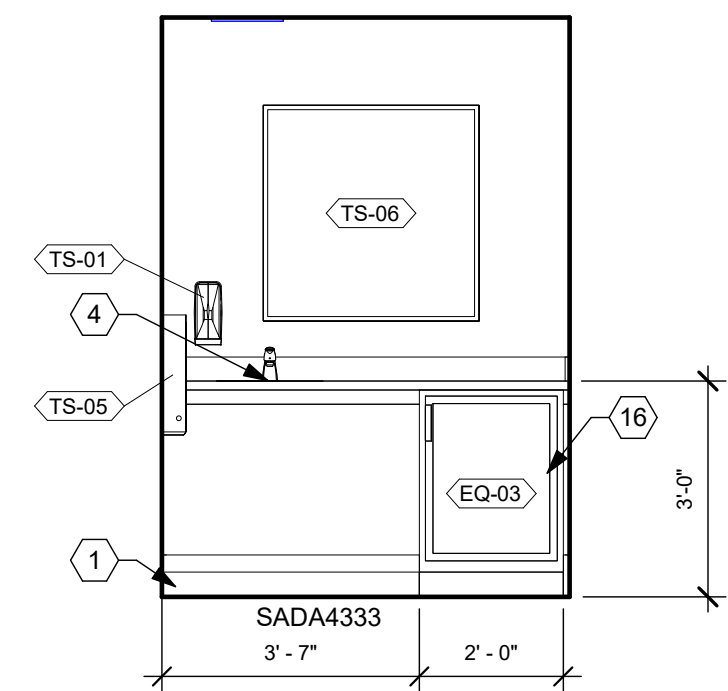
**(E5) RM 122 - KITCHEN ISLAND 2**  
3/8" = 1'-0"



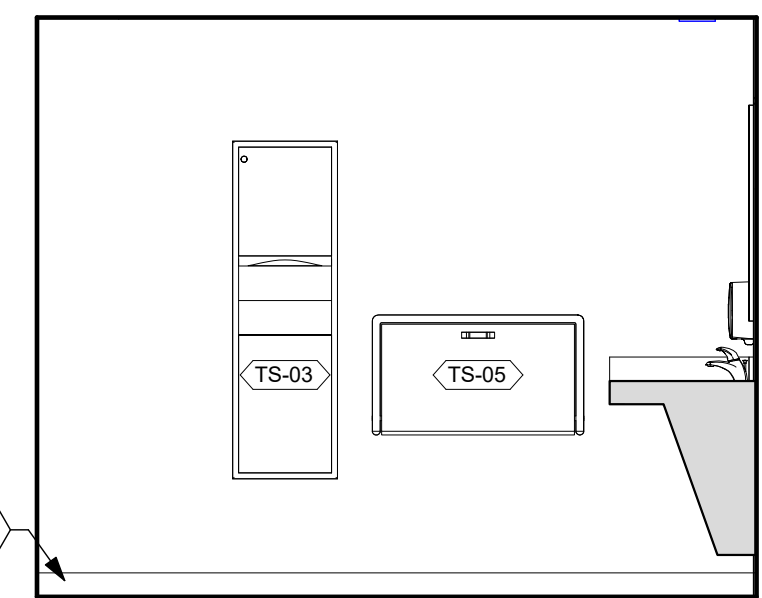
**1) RM 122 - KITCHEN ISLAND 3**  
3/8" = 1'-0"



**(F1) RM 123 - BREAK ROOM, SOUTH**  
3/8" = 1'-0"



**(F3) RM 124 - LACTATION, NORTH**  
3/8" = 1'-0"



**(F4) RM 124 - LACTATION, WEST**  
3/8" = 1'-0"

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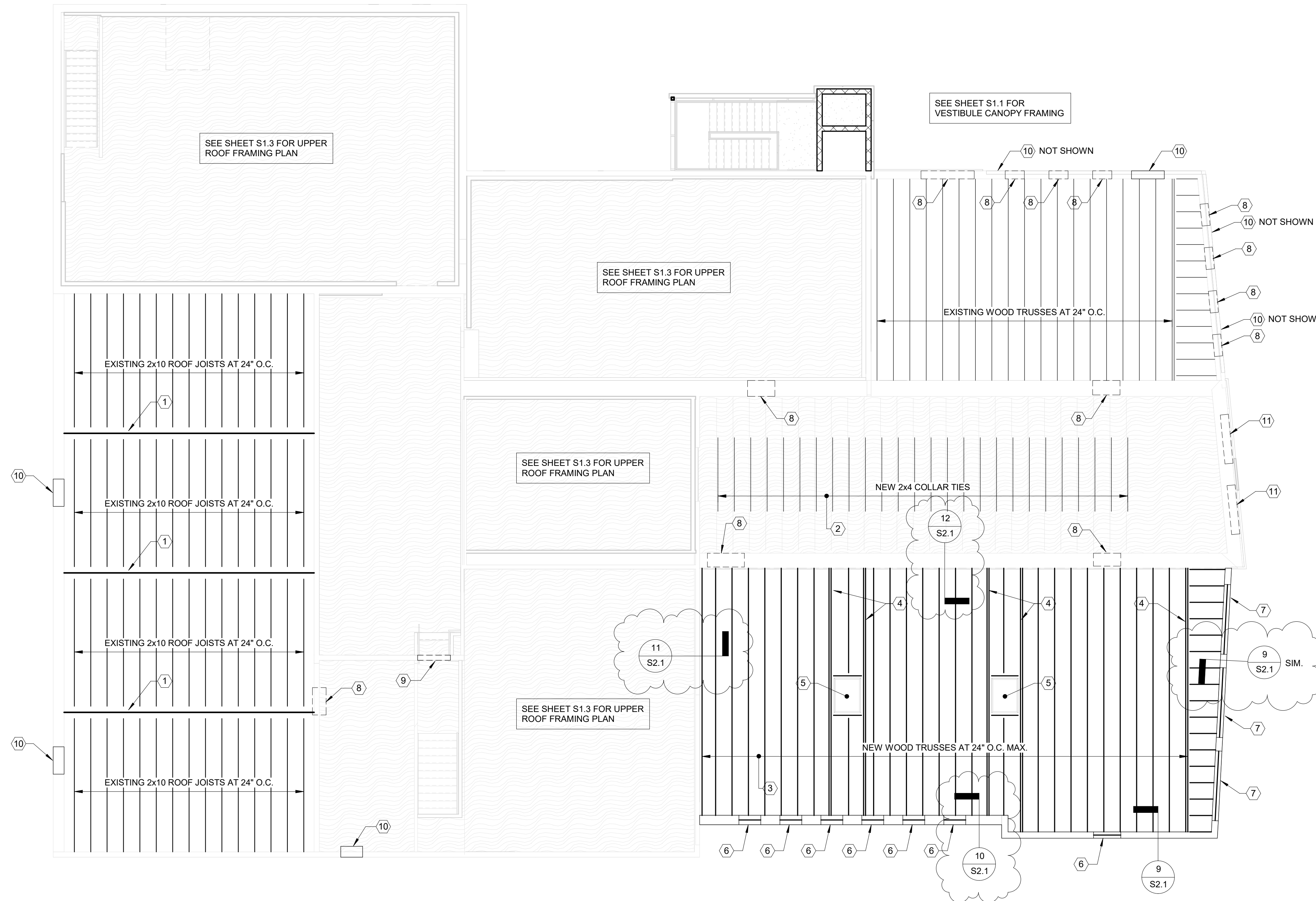
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1 LOW ROOF FRAMING PLAN  
1/8" = 1'-0"

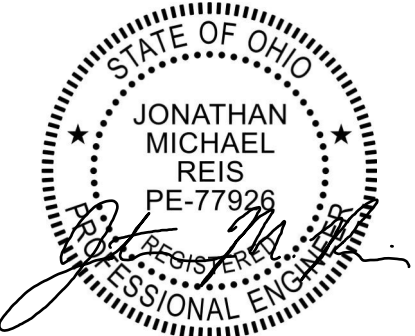


**PLAN NOTES:**

- EXISTING W16x36 STEEL BEAM (TO REMAIN).
- ADD NEW 2x4 COLLAR TIES TO EXISTING ROOF RAFTERS. PROVIDE (3) 10d NAILS EACH END, TYP.
- NEW PRE-ENGINEERED WOOD TRUSSES AT 24" O.C. MAX. TRUSS BEARING ELEVATION = 111'-0". PROVIDE 1'-0" (MIN.) HEEL HEIGHT. COORDINATE OVERHANG CONDITION w/ ARCH. DWG's.
- 2-PLY TRUSS EACH SIDE OF SKYLIGHT.
- SKYLIGHT - REFER TO ARCH. DWG's FOR ADDITIONAL INFO.
- 6" x 6" x 18GA LIGHT GAUGE BOX HEADER. REFER TO ARCH. DWG's FOR EXACT LOCATION OF NEW WINDOWS AND DOORS.
- 10" x 6" 12GA LIGHT GAUGE BOX HEADER. REFER TO ARCH. DWG's FOR EXACT LOCATION OF NEW WINDOWS.
- NEW OPENINGS IN EXISTING MASONRY - INSTALL 8" DEEP PRECAST CONCRETE LINTEL(S) REINFORCED w/ (1) #4 HOOKED BAR (MIN.) AND PROVIDE 6" BEARING EACH END.
- NEW OPENING IN EXISTING CONSTRUCTION FOR CONTINUATION OF STAIR. INSTALL NEW 2-PLY 2x8 WOOD HEADER w/ (1) JACK STUD & (1) KING STUD EACH END WITHIN WOOD-FRAMED SIDE WALL. DEMO MASONRY WALL BELOW AS NEEDED.
- REMOVE EXISTING WINDOWS AND INFILL EXISTING MASONRY OPENINGS AS REQUIRED TO PREP AREA FOR NEW CONSTRUCTION.
- NEW OPENING IN EXISTING WOOD-FRAMED WALL. PROVIDE NEW 2-PLY 2x10 HEADER w/ (2) JACK STUDS & (2) KING STUDS EACH END.

**FRAMING NOTES:**

- PROVIDE 1/2" OSB ROOF SHEATHING OVER NEW ADDITION AND FASTEN TO TRUSSES USING 8d NAILS AT 6" O.C. [EDGE] & 12" O.C. [FIELD].



Building Renovation and Addition  
**East End Community Services  
West Care - 624 Building**  
624 Xenia Avenue, Dayton, Ohio 45410

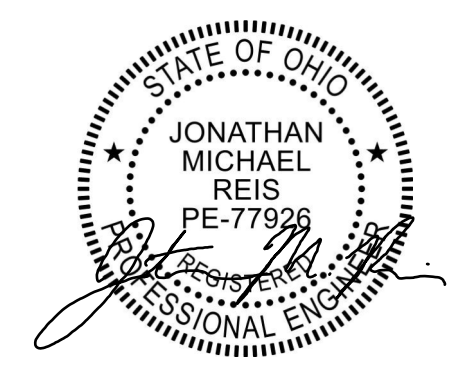
NO.	DATE	DESCRIPTION
	12/07/2023	CONSTRUCTION SET
	01/08/2024	ADDENDUM 3

DATE	12/07/2023
JOB NO.	2023115
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CHECKED	JMR

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TITLE  
**LOW ROOF FRAMING  
PLAN**

SHEET NO.  
**S1.2**





NO.	DATE	DESCRIPTION
12/07/2023	CONSTRUCTION SET	
01/08/2024	ADDENDUM 3	

BRICK LINTEL SCHEDULE	
OPENING WIDTH	SUPPORT
	ANGLE SIZE      MIN. BRG. EA. END
UP TO 3'-6"	L 3-1/2 x 3 x 1/4 (LLH)      4"
UP TO 4'-6"	L 3-1/2 x 3-1/2 x 1/4      4"
UP TO 5'-6"	L 4 x 3-1/2 x 1/4 (LLV)      6"
UP TO 7'-0"	L 5 x 3-1/2 x 1/4 (LLV)      6"
UP TO 8'-0"	L 6 x 3-1/2 x 5/16 (LLV)      6"
UP TO 10'-0"	L 6 x 3-1/2 x 3/8 (LLV)      7"

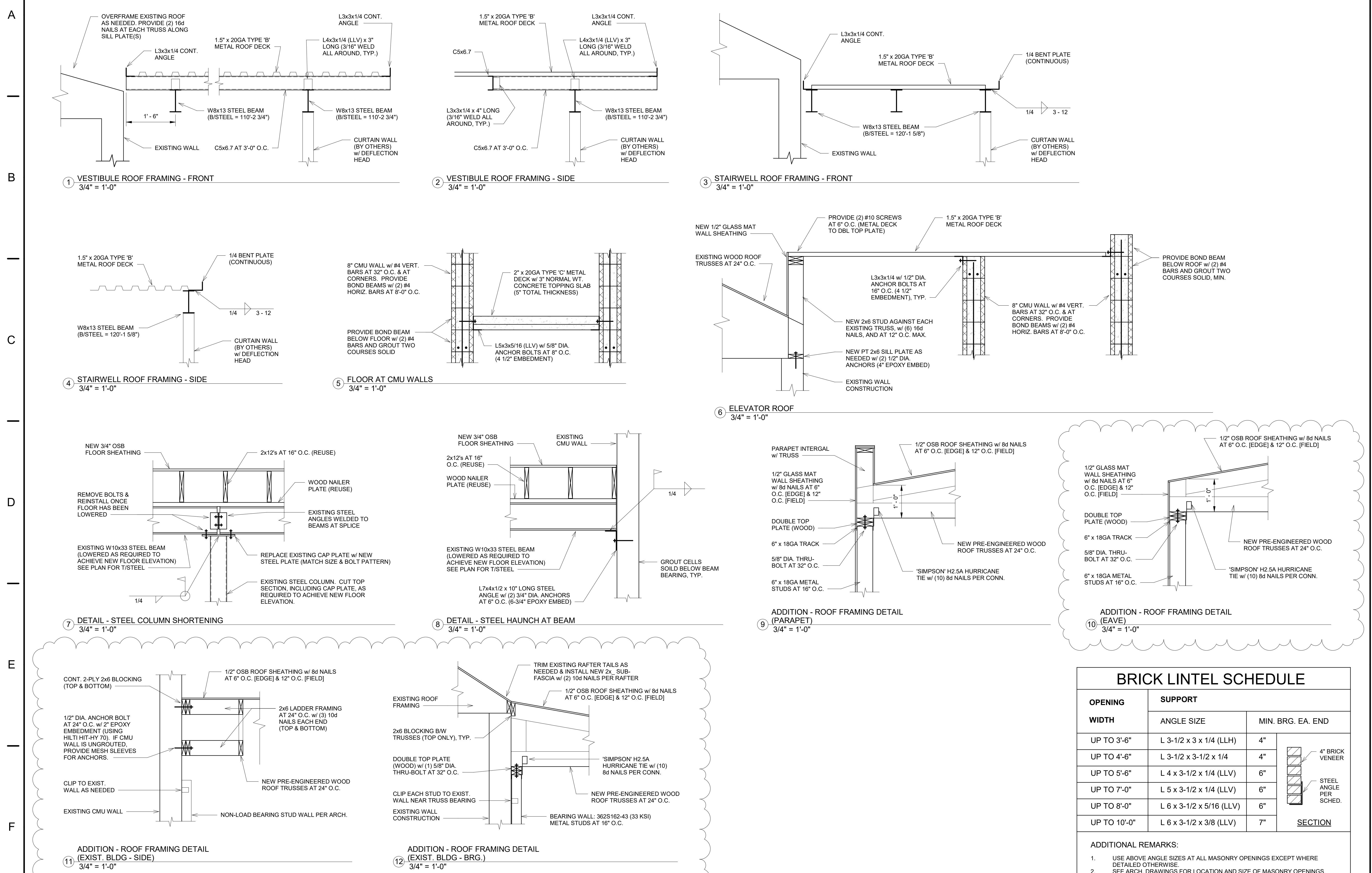
SECTION

4" BRICK VENEER

STEEL ANGLE PER SCHED.

ADDITIONAL REMARKS:

- USE ABOVE ANGLE SIZES AT ALL MASONRY OPENINGS EXCEPT WHERE DETAILED OTHERWISE.
- SEE ARCH. DRAWINGS FOR LOCATION AND SIZE OF MASONRY OPENINGS.



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### GAS PIPE SIZING

PIPE SIZE (BLACK STEEL)	MAX MBH
0.5"	34
0.75"	71
1"	134
1.25"	275
1.5"	412
2"	794

**GENERAL NOTES:**  
 1. SIZING BASED ON LESS THAN 2 PSIG PRESSURE, 0.5 PSIG DROP PER TABLE 402.4(2) OF IFGC  
 2. TOTAL DEVELOPED LENGTH = 200 FT.

### PLUMBING FIXTURE SCHEDULE

PLAN MARK	FIXTURE TYPE	DESCRIPTION	SAN.	VENT	CW	HW	ACCESSORIES
A1	WATER CLOSET	AMERICAN STANDARD MODEL #215CA.004.020 "CADET PRO", ELONGATED, 1.6 GPF, WHITE VITREOUS CHINA; WITH OLSONITE #95 ELONGATED, WHITE, OPEN FRONT, NO COVER SEAT, WITH SELF SUSTAINING HINGE; 481310-100 BOLT CAPS.	4.0"	2.0"	0.50"		
A2	WATER CLOSET ADA	AMERICAN STANDARD MODEL #215CA.004.020 "CADET PRO RIGHT HEIGHT", ELONGATED, 1.6 GPF, WHITE VITREOUS CHINA; WITH OLSONITE #95 ELONGATED, WHITE, OPEN FRONT, NO COVER SEAT, WITH SELF SUSTAINING HINGE; 481310-100 BOLT CAPS.	4.0"	2.0"	0.50"		
B1	LAVATORY	SOLID SURFACE COUNTER WITH INTEGRAL BOWL (BY OTHERS); ELKAY MODEL #LK422L4, DECK MOUNTED MANUAL FAUCET W/ 4" CENTER, LESS DRAIN; 1/2" SUPPLY AND STOP (TWO REQUIRED); 1-1/2" CAST BRASS L.A. P-TRAP.	1.5"	1.5"	0.50"	0.5"	PROVIDE ASSE 1070 THERMOSTATIC MIXING VALVE. SET DISCHARGE TEMPERATURE TO 110°F.
B2	SINK	ELKAY MODEL #ELUHAD131850PD, STAINLESS STEEL, UNDERMOUNT, ADA, 16"x18.5"x5" SINGLE BOWL, LKPD1 PERFECT DRAIN AND STRAINER INCLUDED; ELKAY MODEL #LKA3021, SINGLE HOLE FAUCET WITH LEVER HANDLE; 1/2" SUPPLY AND STOP (TWO REQUIRED); 1-1/2" CAST BRASS L.A. P	1.5"	1.5"	0.50"	0.5"	PROVIDE ASSE 1070 THERMOSTATIC MIXING VALVE. SET DISCHARGE TEMPERATURE TO 110°F.
B3	SINK	ELKAY MODEL #ELUHAD131850PD, STAINLESS STEEL, UNDERMOUNT, ADA, 30.75"x18.5"x5" DOUBLE BOWL, LKPD1 PERFECT DRAIN AND STRAINER INCLUDED; ELKAY MODEL #LKA1041, SINGLE HOLE FAUCET WITH PULL DOWN SPRAYER AND LEVER HANDLE; 3/8" SUPPLY AND STOP (TWO REQUIRED); 1-1/2" CAST BRASS L.A. P-TRAP.	1.5"	1.5"	0.50"	0.5"	PROVIDE BADGER #1 GARBAGE DISPOSAL. COORDINATE ELECTRICAL REQUIREMENTS WITH E.C.
B4	SINK	ELKAY MODEL #ELUHAD131850PD, STAINLESS STEEL, UNDERMOUNT, ADA, 30.75"x18.5"x5" DOUBLE BOWL, LKPD1 PERFECT DRAIN AND STRAINER INCLUDED; ELKAY MODEL #LKA406T08T4, 4" CENTERSET EXPOSED DECK FAUCET WITH 8" ARC SPOUT AND 4" WRISTBLADE HANDLES; 1/2" SUPPLY AND STOP (TWO REQUIRED); 1-1/2" CAST BRASS L.A. P-TRAP.	1.5"	1.5"	0.50"	0.5"	
B5	3 COMP SINK	JOHN BOOS #E3S8-18-14T18 90" THREE COMPARTMENT SINK WITH 18"Wx18"Lx14"D BOWLS, TWO 18" DRAINBOARDS; 14 GAUGE, TYPE 300 STAINLESS STEEL; REGENCY #600PPRSF12LL WALL MOUNTED PRE-RINSE SPRAYER WITH 12" ADD ON FAUCET WITH 8" CENTERS.	1.5"	1.5"	0.50"	0.5"	
B6	UTILITY SINK	MUSTEE PRECAST MODEL #63M (24"x24"x10"); 3/8" BRASS FAUCET MODEL #B-0655-BSTR CHROME PLATED WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAUL HOOK AND 3/4" HOSE THREAD ON SPOUT; MUSTEE #65.600 HOSE BRACKET, 30" LONG FLEXIBLE, HEAVY DUTY 5/8" RUBBER HOSE, CLOTH REINFORCED WITH 3/4" BRASS COUPLING AT ONE END.	1.5"	1.5"	0.50"	0.5"	
B7	SINK	ELKAY MODEL #ELUHAD131850PD, STAINLESS STEEL, UNDERMOUNT, ADA, 16"x18.5"x5" SINGLE BOWL, LKPD1 PERFECT DRAIN AND STRAINER INCLUDED; ELKAY MODEL #LKA406G08T4, 4" CENTERSET EXPOSED DECK FAUCET WITH 8" GOOSENECK SPOUT, 4" WRISTBLADE HANDLES; 1/2" SUPPLY AND STOP (TWO REQUIRED); 1-1/2" CAST BRASS P-TRAP.	1.5"	1.5"	0.50"	0.5"	
B8	SINK	SOLID SURFACE COUNTER WITH INTEGRAL BOWL (BY OTHERS); ELKAY MODEL #LKA3021, SINGLE HOLE FAUCET WITH LEVER HANDLE; 1/2" SUPPLY AND STOP (TWO REQUIRED); 1-1/2" CAST BRASS L.A. P-TRAP.	1.5"	1.5"	0.50"	0.5"	PROVIDE ASSE 1070 THERMOSTATIC MIXING VALVE. SET DISCHARGE TEMPERATURE TO 110°F.
B9	LAVATORY	AMERICAN STANDARD MODEL #0355 012 "LUCERNE", WALL MOUNT, WHITE VITREOUS CHINA, 4" CENTER FAUCET HOLES; ELKAY MODEL #LK422L4, DECK MOUNTED MANUAL FAUCET W/ 4" CENTER, LESS DRAIN; 1/2" SUPPLY AND STOP (TWO REQUIRED); 1-1/2" CAST BRASS L.A. P-TRAP. SUPPLY AND INSTALL PLUMEX #3011 WHITE DRAIN INSULATOR.	1.5"	1.5"	0.50"	0.5"	PROVIDE ASSE 1070 THERMOSTATIC MIXING VALVE. SET DISCHARGE TEMPERATURE TO 110°F.
D1	MOP/UTILITY SINK	AMERICAN STANDARD MODEL #655000ED WASHBLOCK, WHITE VITREOUS CHINA WALL MOUNTED, (LOW FLOW 1.0 GALLON PER FLUSH), SIPHON JET, SLOAN ROYAL #186-1.0 MANUAL FLUSH VALVE.	4.0"	1.5"	0.75"		REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
E1	DRINKING FOUNTAIN	MUSTEE PRECAST MODEL #63M (24"x24"x10"); 3/8" BRASS FAUCET MODEL #B-0655-BSTR CHROME PLATED WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAUL HOOK AND 3/4" HOSE THREAD ON SPOUT; MUSTEE #65.600 HOSE BRACKET, 30" LONG FLEXIBLE, HEAVY DUTY 5/8" RUBBER HOSE, CLOTH REINFORCED WITH 3/4" BRASS COUPLING AT ONE END.	1.5"	1.5"	0.50"		

### PLUMBING EQUIPMENT SCHEDULE

PLAN MARK	DESCRIPTION	COLD WATER	HOT WATER (110°F)	HOT WATER (140°F)	NATURAL GAS	NON POTABLE	WASTE	INDIRECT	FLOOR DRAIN	NOTES
ET-1	EXPANSION TANK - DOMESTIC WATER SYSTEM - WATTS #PLT-12 - 150 PSI RATING	0.75"								
GT-1	GREASE INTERCEPTOR - SCHIER GB50 (50 GPM - BELOW SLAB)						4"			2
HB-1	WOODFORD MODEL #65 SERIES, FREEZELESS, AUTOMATIC DRAIN, VACUUM BREAKER, BRASS FINISH, AND STAINLESS STEEL TRIM.	0.75"								1
HWRP-1	HOT WATER RECIRCULATION PUMP - EQUAL TO BELL & GOSSETT e34V/BTPRC			0.5"						
RPZ-1	REDUCED PRESSURE BACKFLOW ASSEMBLY - EQUAL TO WATTS SERIES 009	1.5"								
RPZ-2	REDUCED PRESSURE BACKFLOW ASSEMBLY - EQUAL TO WATTS SERIES 009	1.5"								
WH-1	NATURAL GAS WATER HEATER - RHEEM GPDV50-65: 50 GALLON, 65 MBH, 59 GPH RECOVERY RATE @ 100°F TEMP RISE.	0.75"		0.75"						
WH-2	ELECTRIC TANKLESS WATER HEATER - EQUAL TO EEMAX FLOCO SPEX3512: 120V/1PH, 3.5 KW	0.5"	0.5"							
WH-3	ELECTRIC TANKLESS WATER HEATER - EQUAL TO EEMAX FLOCO SPEX3512: 120V/1PH, 3.5 KW	0.5"	0.5"							

**NOTES:**  
 1. MOUNT AT 18" A.F.G  
 2. INSTALL PER MANUFACTURER GUIDELINES. PROVIDE RISER AS NECESSARY FOR COVER TO BE FLUSH WITH FINISHED FLOOR.

### DRAIN AND CLEANOUT SCHEDULE

PLAN MARK	APPROVED SUPPLIERS - J.R. SMITH, JOSAM, WATTS, ZURN	TYPE	BODY				OUTLET			STRAINER/GRATE					TOP FINISH		ADDITIONAL FEATURES						SEE NOTE											
			FLOOR	ROOF	WALL	DECK	CAST IRON	BRASS	ACID RESIST.	STAINLESS STEEL	SIZE	BOTTOM	SIDE	SIZE	ADJUSTABLE	FLAT	DOME	RECESSED	FUNNEL	HINGED	1/2 GRATE	NICKEL BRONZE		CAST IRON	PORCELAIN ENAMEL	STAINLESS STEEL	ANCHOR FLANGE	FLASHING CLAMP	DBL DRAINAGE	SED. BUCKET	AUX. STRAINER	GRAVELSTOP	U/DECK CLAMP	TRAP PRIMER
FS-1	Z1901	X					X			3"	X		12"X12"X8"							X														1
FD-1	ZN415-BZ1	X					X			3"	X		6"	X							X												1	
FCO	ZN1400-BZ1	X					X			VAR.	X		7-7/8"	X						X														
RD-1	Z100F					X	X			3"	X		12.5/16 DIA"			X					X			X	X	X					X			

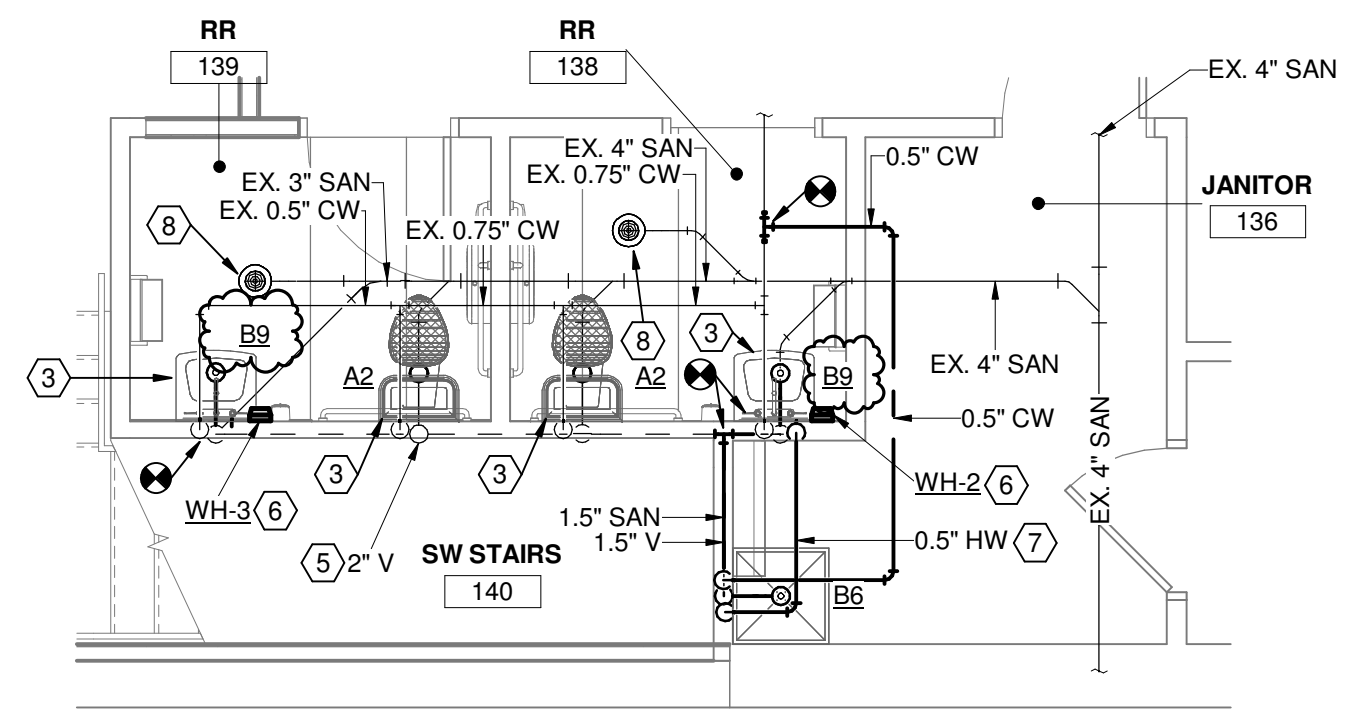
**NOTES:**  
 1. PROVIDE TRAP SEAL PROTECTION DEVICE EQUAL TO Z1072.



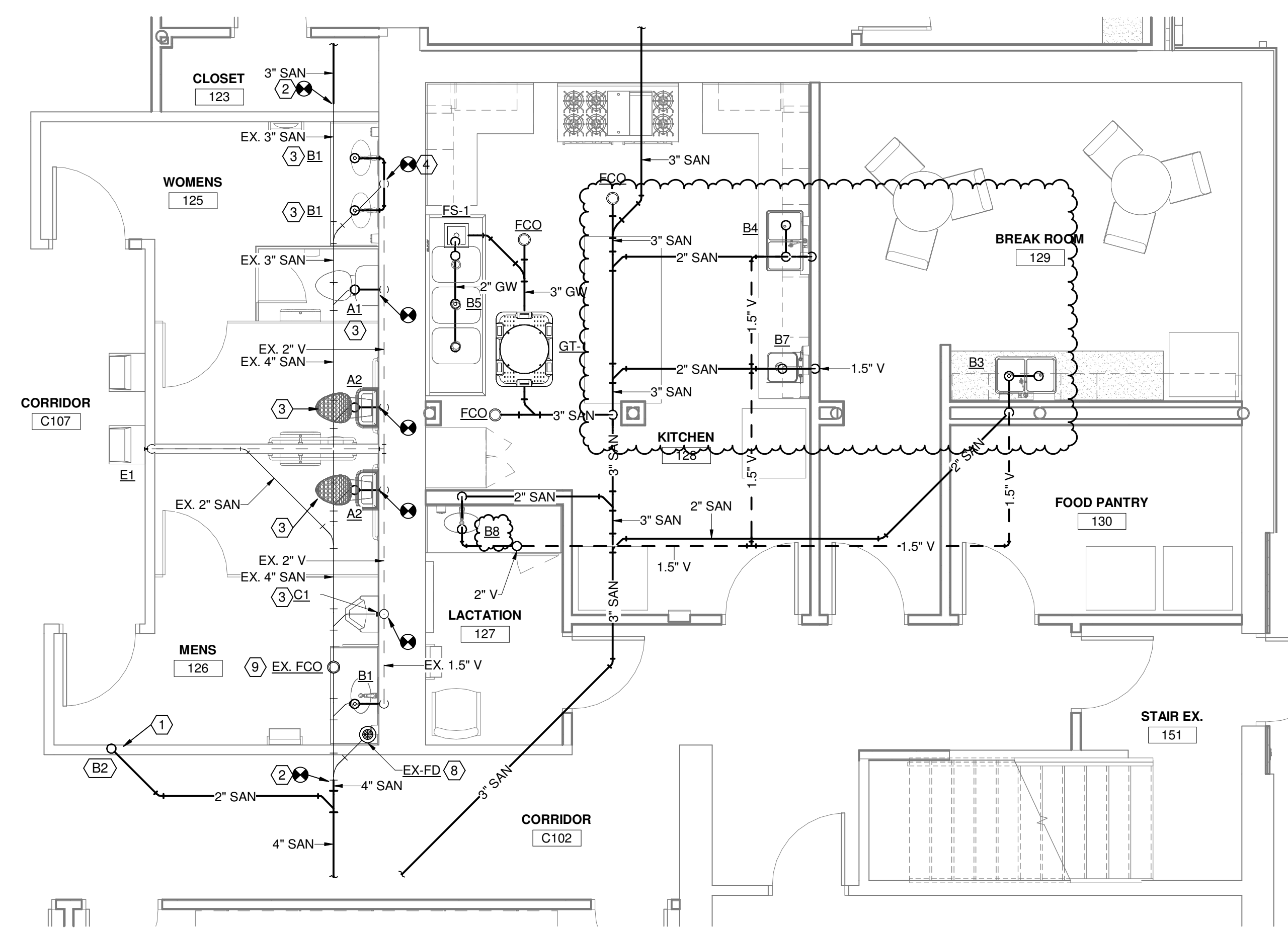
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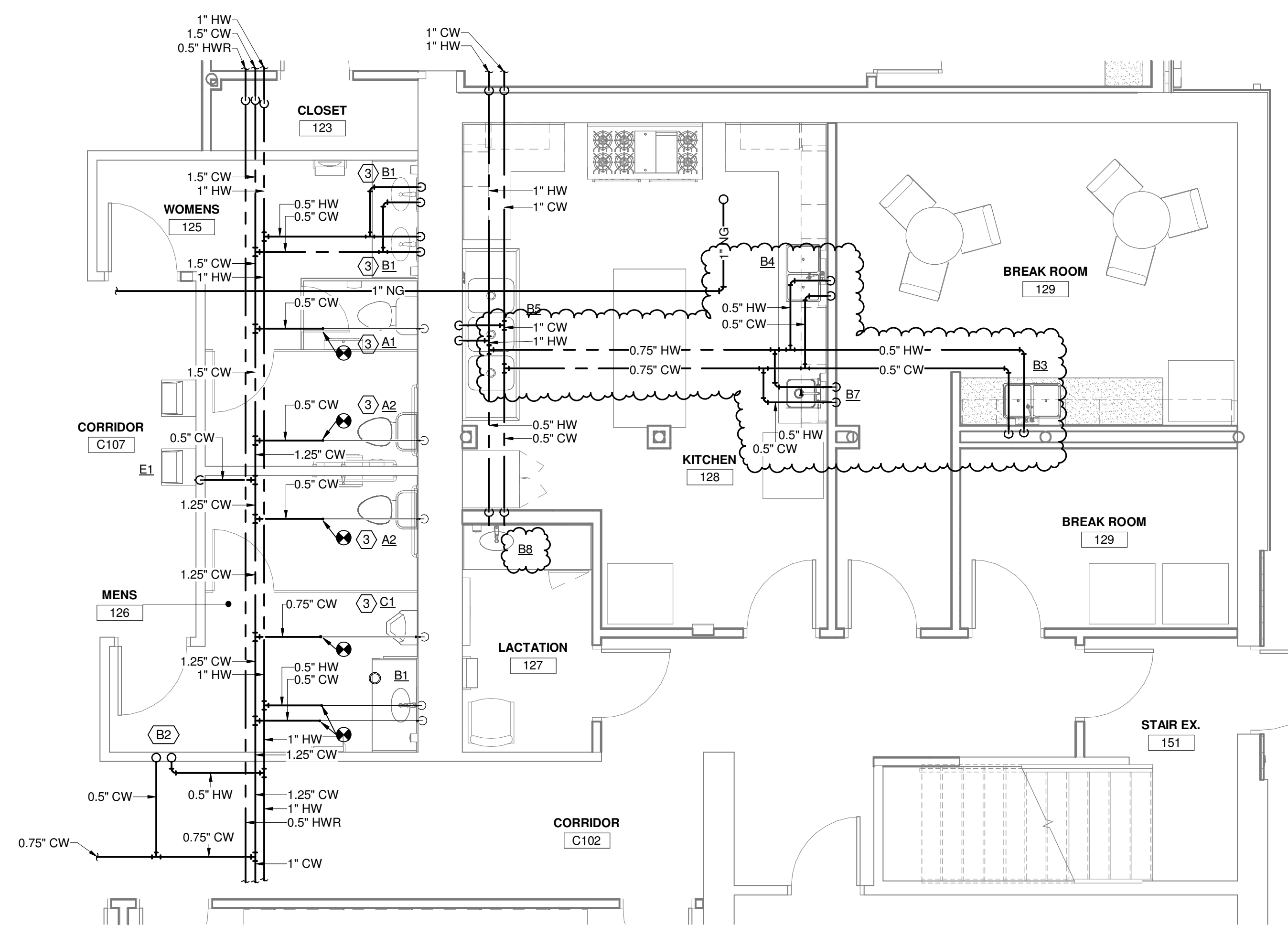




② ENLARGED RR 139 & 138 - NEW WORK  
1/4" = 1'-0"



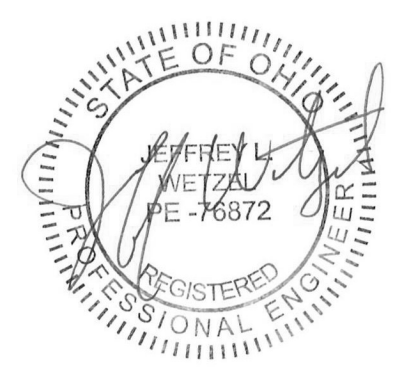
① ENLARGED MEN'S 130 & WOMEN'S 129 - (SANITARY)  
1/4" = 1'-0"



③ ENLARGED MEN'S 130 & WOMEN'S 129 - (DOMESTIC)  
1/4" = 1'-0"

**DRAWING NOTES**

1. SANITARY PIPING ROUTED DOWN THROUGH WALL FROM FLOOR ABOVE.
2. CONNECT NEW SANITARY PIPING TO EXISTING SANITARY MAIN. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION AND INVERT PRIOR TO ROUGH-IN.
3. PROVIDE NEW PLUMBING FIXTURE UTILIZING EXISTING UTILITIES.
4. CONNECT 1.5" VENT PIPING TO EXISTING VENT BRANCH PIPING LOCATED IN WALL.
5. VENT PIPING UP TO FLOOR ABOVE.
6. PROVIDE INSTANTANEOUS WATER HEATER. REFER TO DETAIL FOR ADDITIONAL INFORMATION.
7. EXTEND 0.5" HOT WATER PIPING FROM NEW INSTANTANEOUS WATER HEATER TO NEW UTILITY SINK.
8. EXTEND AND REPLACE EXISTING FLOOR DRAIN STRAINER GRATE TO NEW FLOOR FINISH HEIGHT.
9. EXTEND AND REPLACE EXISTING FLOOR CLEANOUT COVER TO NEW FLOOR FINISH HEIGHT.



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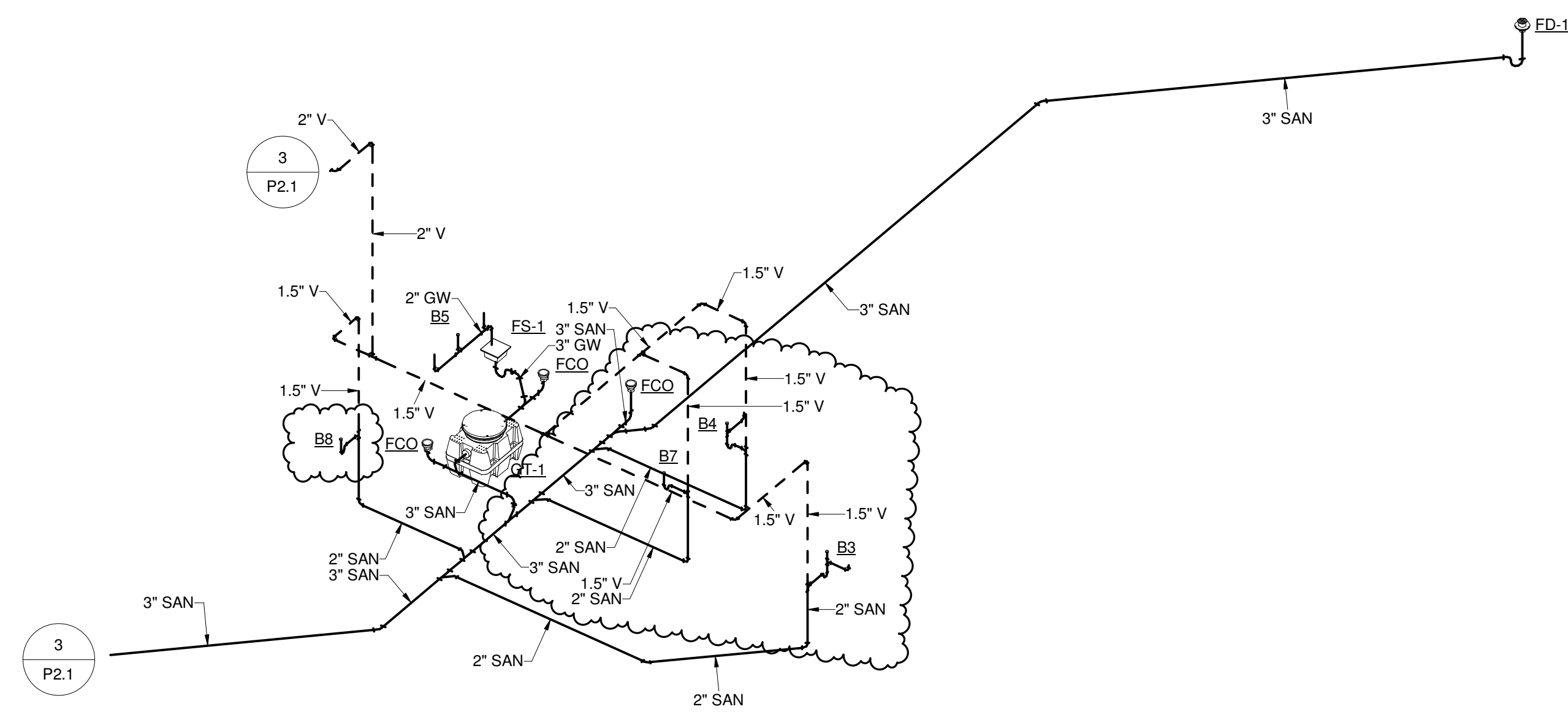
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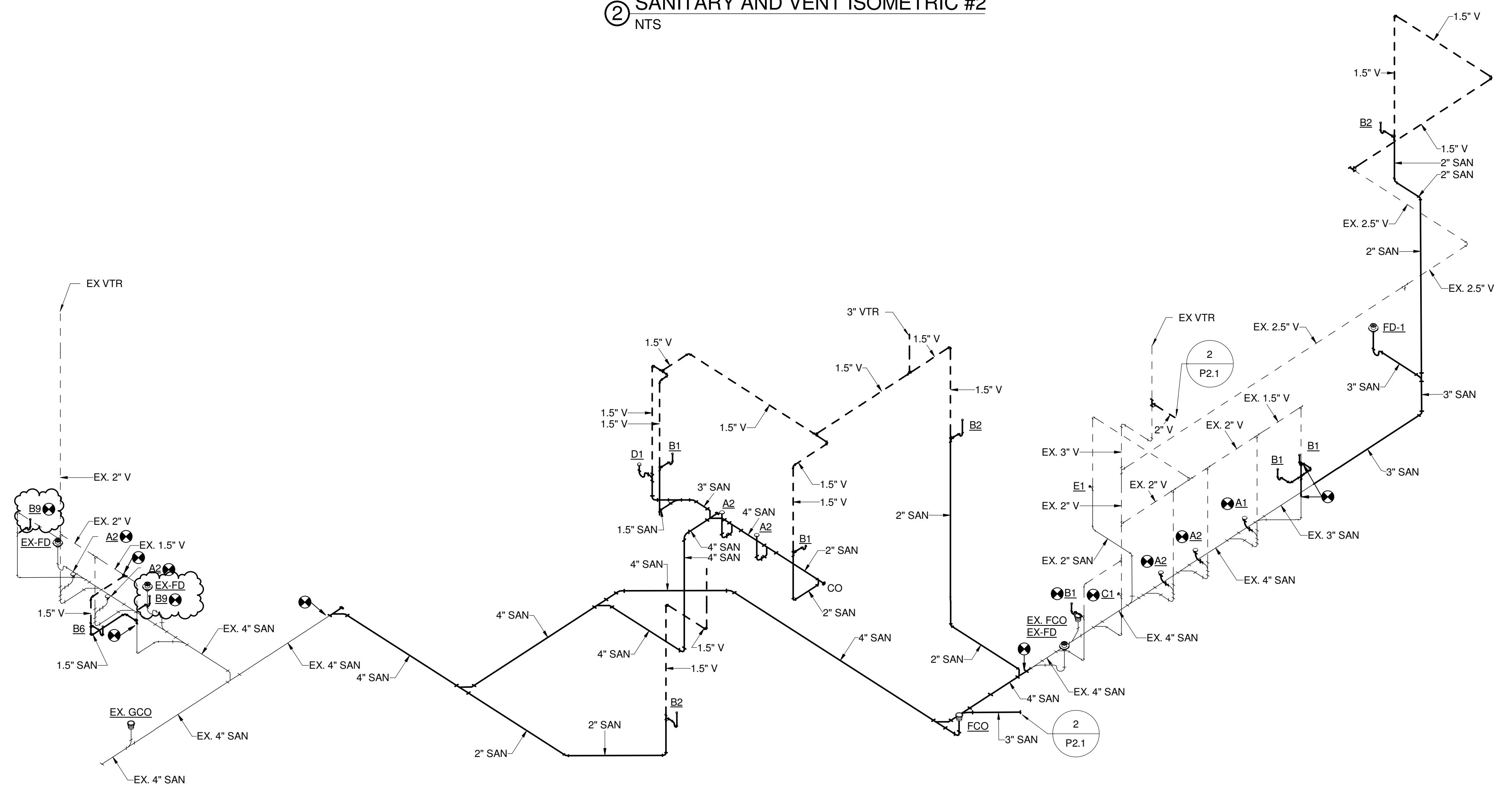
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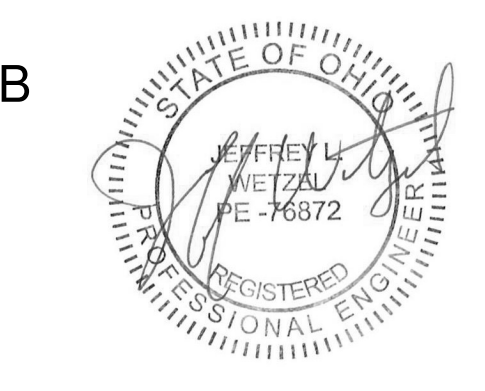
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③ SANITARY AND VENT ISOMETRIC #1  
NTS

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**PLUMBING ISOMETRICS -  
SANITARY**

SHEET NO.  
**P2.1**

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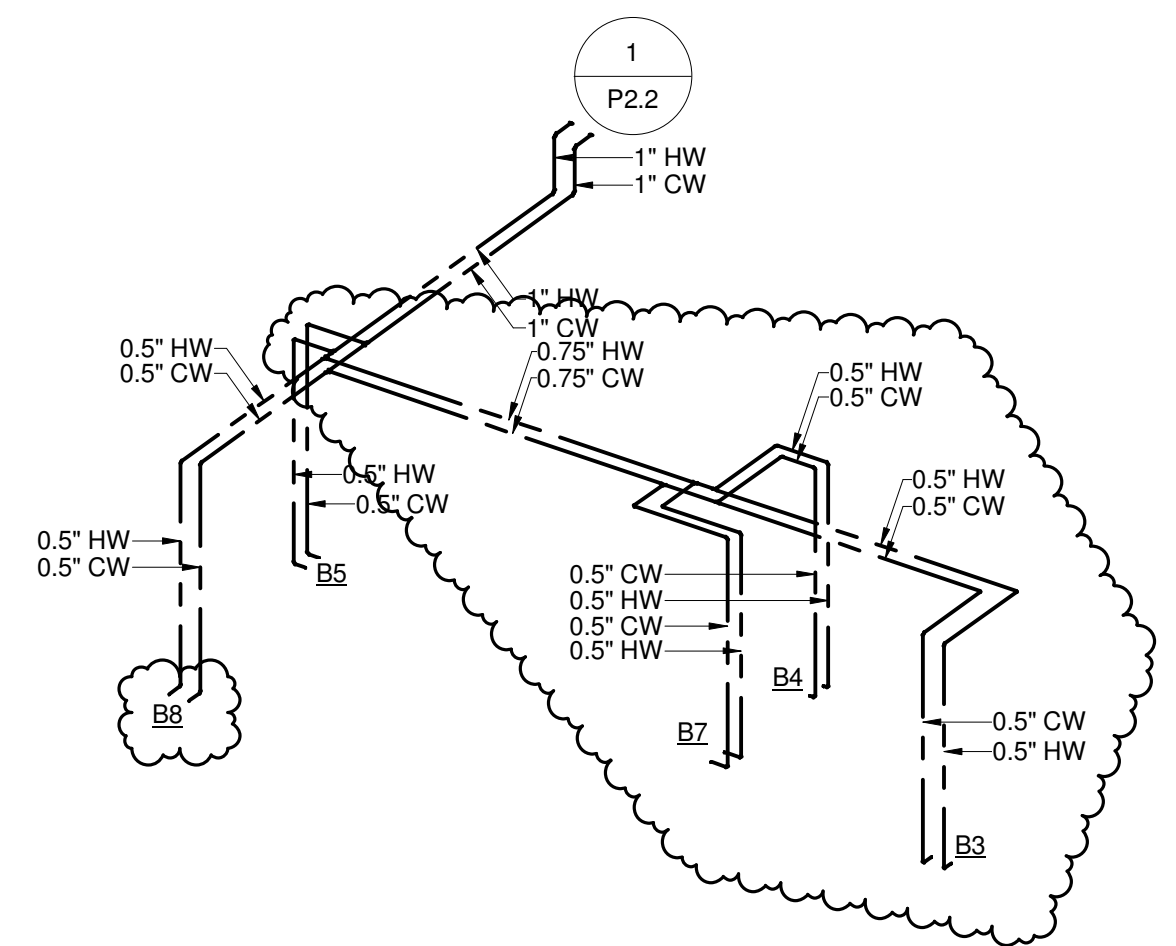
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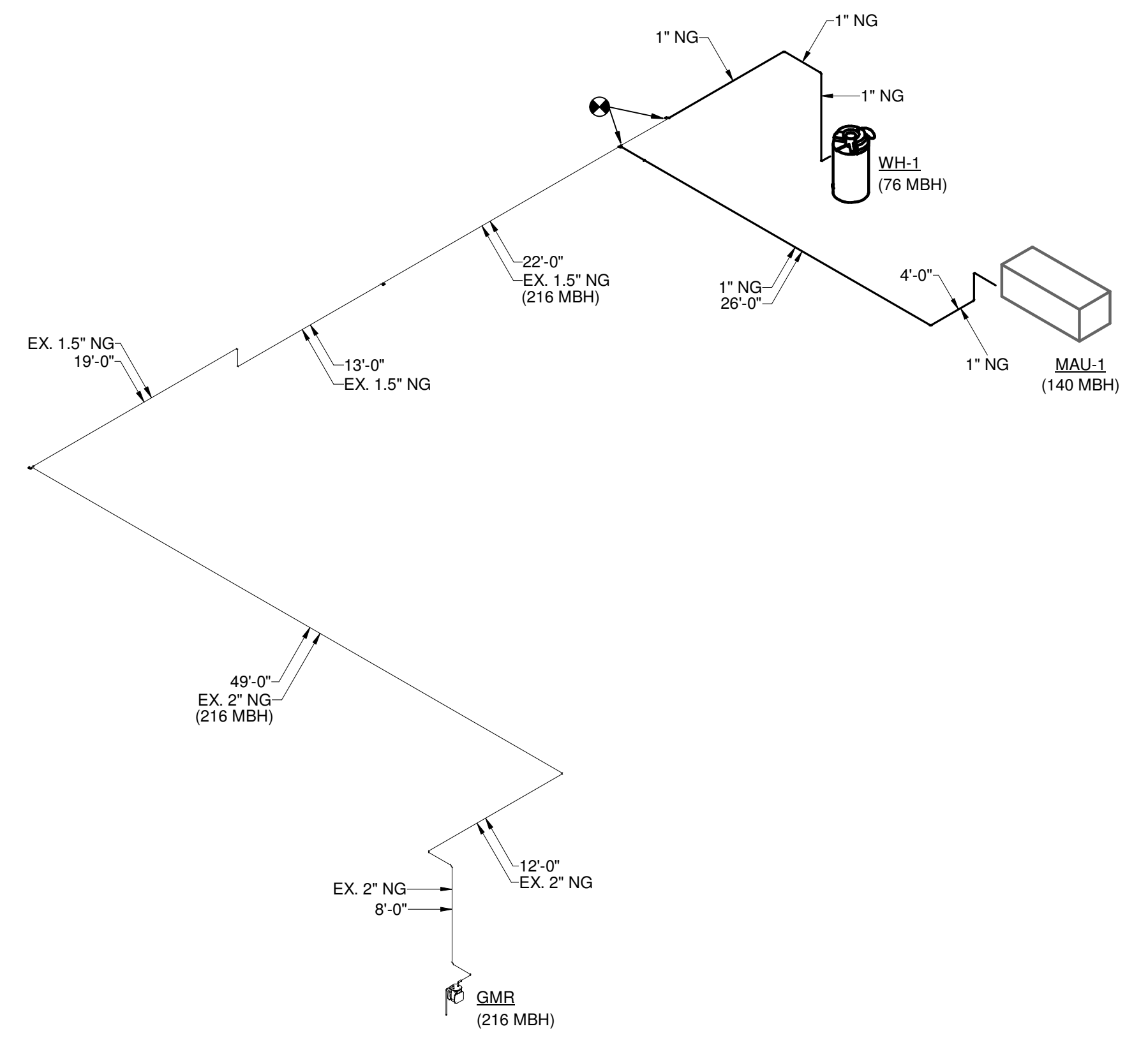
D

E

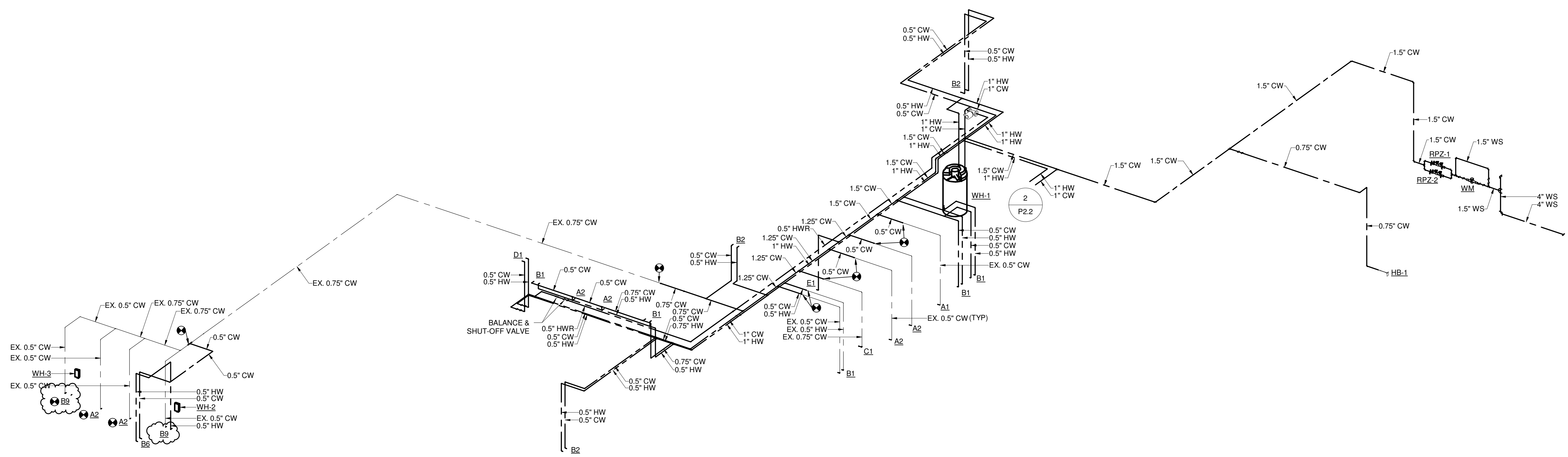
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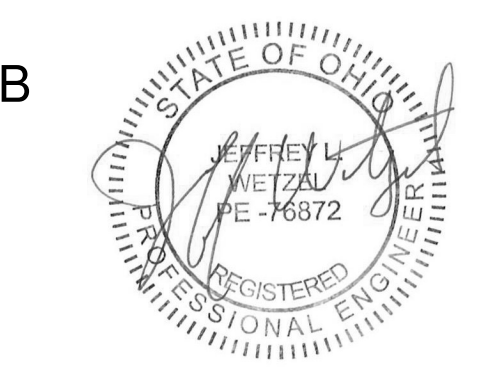
② DOMESTIC WATER ISOMETRIC #2  
NTS



③ NATURAL GAS ISOMETRIC  
NTS



① DOMESTIC WATER ISOMETRIC #1  
NTS

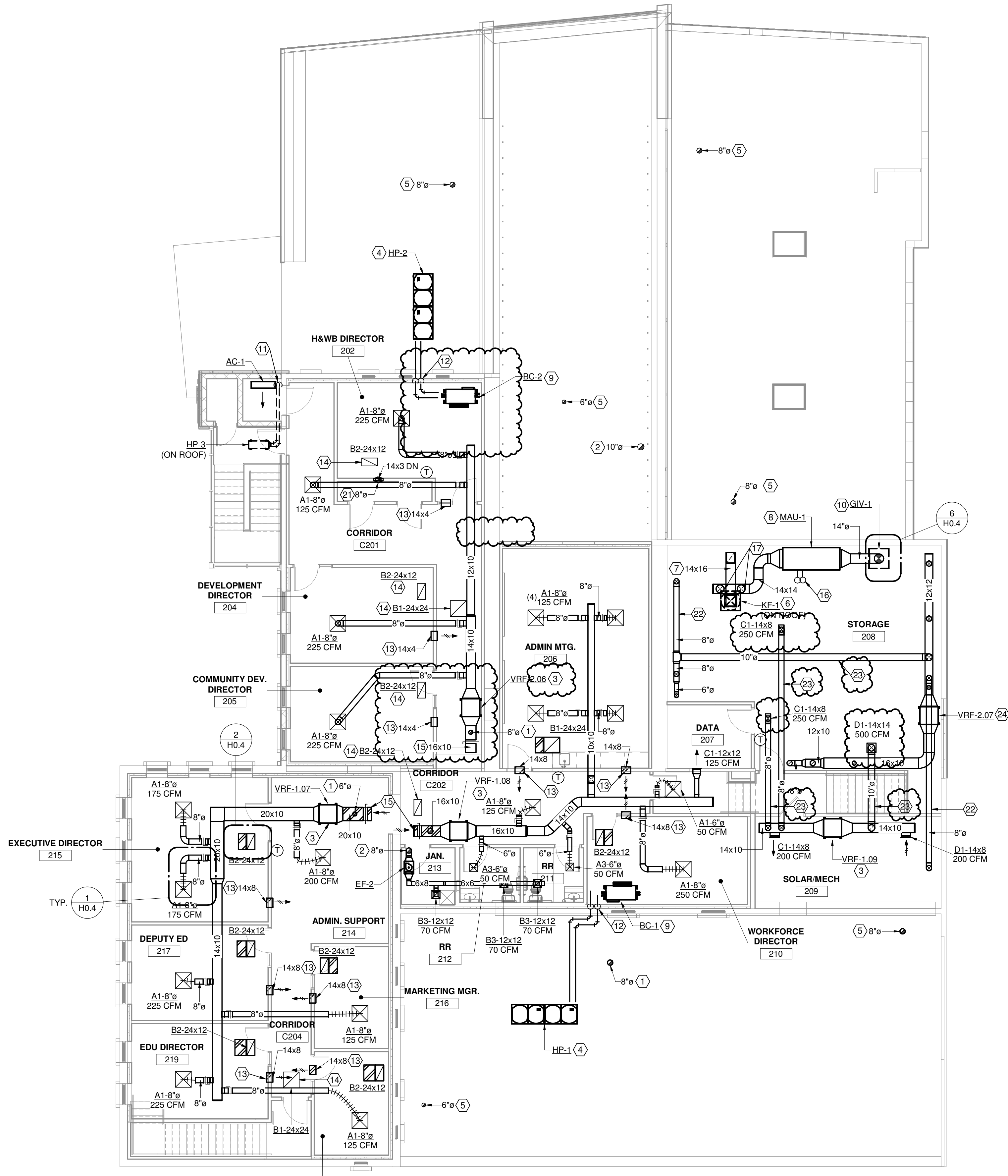


NO.	DATE	DESCRIPTION
	12/07/2023	FOR CONSTRUCTION
	01/08/2024	ADDENDUM 3

DATE	12/07/2023
JOB NO.	2023115
DRAWN	JDO
CHECKED	JLW
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TITLE <b>PLUMBING ISOMETRICS - DOMESTIC &amp; NATURAL GAS</b>	
SHEET NO. <b>P2.2</b>	

12/2023 7:16:48 PM

1 | 2 | 3 | 4 | 5 | 6 | 7



1 SECOND FLOOR PLAN - NEW WORK  
1/8" = 1'-0"

GENERAL NOTES

- A. ALL CONDENSATE DRAIN PIPING SHALL FOR VRF UNITS AND BRANCH CONTROLLERS SHALL BE FULL UNIT CONNECTION SIZE AND ROUTED TO THE JANITOR MOP SINK. PIPING SHALL BE PITCHED TOWARDS THE DISCHARGE. ALL VRF UNITS HAVE A BUILT-IN LIFT TO ALLOW FOR PROPER FALL.
- B. VRF INTERCONNECTING REFRIGERANT PIPING NOT SHOWN FOR CLARITY. PIPING SHALL BE RAN CONCEALED WITH CEILING SPACES, WALL CAVITIES AND PLENUMS WHERE AT ALL POSSIBLE. REFRIGERANT PIPING SHALL BE SIZED BY THE MANUFACTURER BASED ON FIELD INSTALL EQUIPMENT LOCATIONS AND DISTANCES.

DRAWING NOTES

- 1. VENTILATION AIR DUCT UP THROUGH ROOF. TERMINATE WITH WEATHERHOOD CAP WITH IRIDESCENT. PROVIDE GRAVITY BACKDRAFT DAMPER NEAR PENETRATION AND MANUAL BALANCE DAMPER NEAR CONNECTION TO RETURN MAIN. BALANCE VENTILATION AIR INTAKE TO AIRFLOW INDICATED ON VRF EQUIPMENT SCHEDULE.
- 2. EXHAUST AIR DUCT UP THROUGH ROOF. TERMINATE WITH WEATHERHOOD CAP WITH BIRDSCREEN.
- 3. VRF UNIT LOCATED ABOVE CEILING SUSPENDED FROM STRUCTURE. ROUTE FULL UNIT SIZE CONDENSATE PIPING TO SECOND FLOOR JANITOR CLOSET MOP SINK. TERMINATE WITH AIR GAP.
- 4. PROVIDE VRF HEAT PUMP UNIT MOUNTED ON STRUCTURAL STEEL FRAMING. REFER TO STRUCTURAL DRAWING FOR ADDITIONAL INFORMATION.
- 5. VENTILATION AIR DUCT UP THROUGH ROOF. TERMINATE WITH WEATHERHOOD CAP WITH BIRDSCREEN. PROVIDE GRAVITY BACKDRAFT DAMPER NEAR PENETRATION AND MANUAL BALANCE DAMPER NEAR CONNECTION TO RETURN MAIN. BALANCE VENTILATION AIR INTAKE TO AIRFLOW INDICATED ON VRF EQUIPMENT SCHEDULE. REFER TO FIRST FLOOR PLAN FOR CONTINUATION.
- 6. PROVIDE NEW KITCHEN HOOD EXHAUST FAN MOUNTED ON ROOF ABOVE. PROVIDE WITH SLOPED ROOF CURB OF SUFFICIENT HEIGHT SUCH THAT DISCHARGE POINT IS 40" MIN. ABOVE ROOF SURFACE.
- 7. TYPE I KITCHEN HOOD GREASE DUCT. REFER TO DUCTWORK CONSTRUCTION SCHEDULE FOR ADDITIONAL REQUIREMENTS.
- 8. PROVIDE NEW KITCHEN HOOD MAKEUP AIR UNIT. UNIT SHALL BE SET ON FLOOR WITH MINIMUM 4" HIGH COMPOSITE EQUIPMENT PAD. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL REQUIREMENTS.
- 9. VRF BRANCH CONTROLLER LOCATED IN PLENUM SPACE. REFRIGERANT PIPING TO ASSOCIATED JACKBOX/ADJPS SHALL BE ROUTED IN ATTIC SPACES, ABOVE CEILINGS AND WITHIN WALLS. PIPE SIZING SHALL BE BY THE MANUFACTURER BASED ON ACTUAL INSTALLED PIPING LENGTHS.
- 10. PROVIDE ROOF MOUNTED GRAVITY INTAKE VENTILATOR.
- 11. REFRIGERANT PIPING UP THROUGH ROOF TO HEAT PUMP UNIT. PROVIDE PIPE PENETRATION CURB AND SEAL WATERTIGHT.
- 12. ROUTE REFRIGERANT PIPING FROM BRANCH CONTROLLER ABOVE CEILING, DOWN WITHIN WALL AND ONTO ROOF TO VRF HEAT PUMP.
- 13. TRANSFER AIR DUCT LOCATED ABOVE CEILING. HATCHING INDICATES WITH 1" ACOUSTICAL LINER.
- 14. TRANSFER AIR GRILLE OPEN TO PLENUM SPACE.
- 15. DUCT OPEN TO PLENUM SPACE. HATCHING INDICATES INTERNAL LINER.
- 16. ROUTE MAKEUP AIR UNIT COMBUSTION AIR AND FLUE PIPING UP THRU ROOF. TERMINATE PER MANUFACTURER GUIDELINES. LOCATE DISCHARGE MINIMUM 10'-0" FROM ANY MECHANICAL INTAKE SOURCES.
- 17. MAKEUP AIR DUCT DOWN TO FLOOR BELOW. REFER TO FIRST FLOOR PLAN FOR CONTINUATION.
- 18. NOTE OMITTED.
- 19. NOTE OMITTED.
- 20. NOTE OMITTED.
- 21. VENTILATION AIR DUCT FROM BELOW ROUTED WITHIN WALL FRAMING INTO ATTIC SPACE THEN TRANSITION TO ROUND DUCT WITHIN ATTIC SPACE UP THROUGH ROOF. TERMINATE WITH WEATHERHOOD CAP WITH BIRDSCREEN. PROVIDE GRAVITY BACKDRAFT DAMPER NEAR PENETRATION AND MANUAL BALANCE DAMPER NEAR CONNECTION TO RETURN MAIN. BALANCE VENTILATION AIR INTAKE TO AIRFLOW INDICATED ON VRF EQUIPMENT SCHEDULE. REFER TO FIRST FLOOR PLAN FOR CONTINUATION.
- 22. DUCT ROUTED TIGHT TO UNDERSIDE OF STRUCTURE ABOVE.
- 23. DUCTWORK ROUTED IN ROOF TRUSS FRAMING SPACE.
- 24. VRF UNIT LOCATED AT FLOOR LEVEL. ROUTE FULL UNIT SIZE CONDENSATE PIPING DOWN TO NEAREST FIRST FLOOR JANITOR CLOSET MOP SINK. TERMINATE WITH AIR GAP.



NO.	DATE	DESCRIPTION
	12/07/2023	FOR CONSTRUCTION
	01/02/2024	ADDENDUM 2
	01/08/2024	ADDENDUM 3

DATE	12/07/2023
JOB NO.	4132.00
DRAWN	JLW
CHECKED	JLW
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TITLE	<b>HVAC SECOND FLOOR PLAN - NEW WORK</b>

1 2 3 4 5 6 7

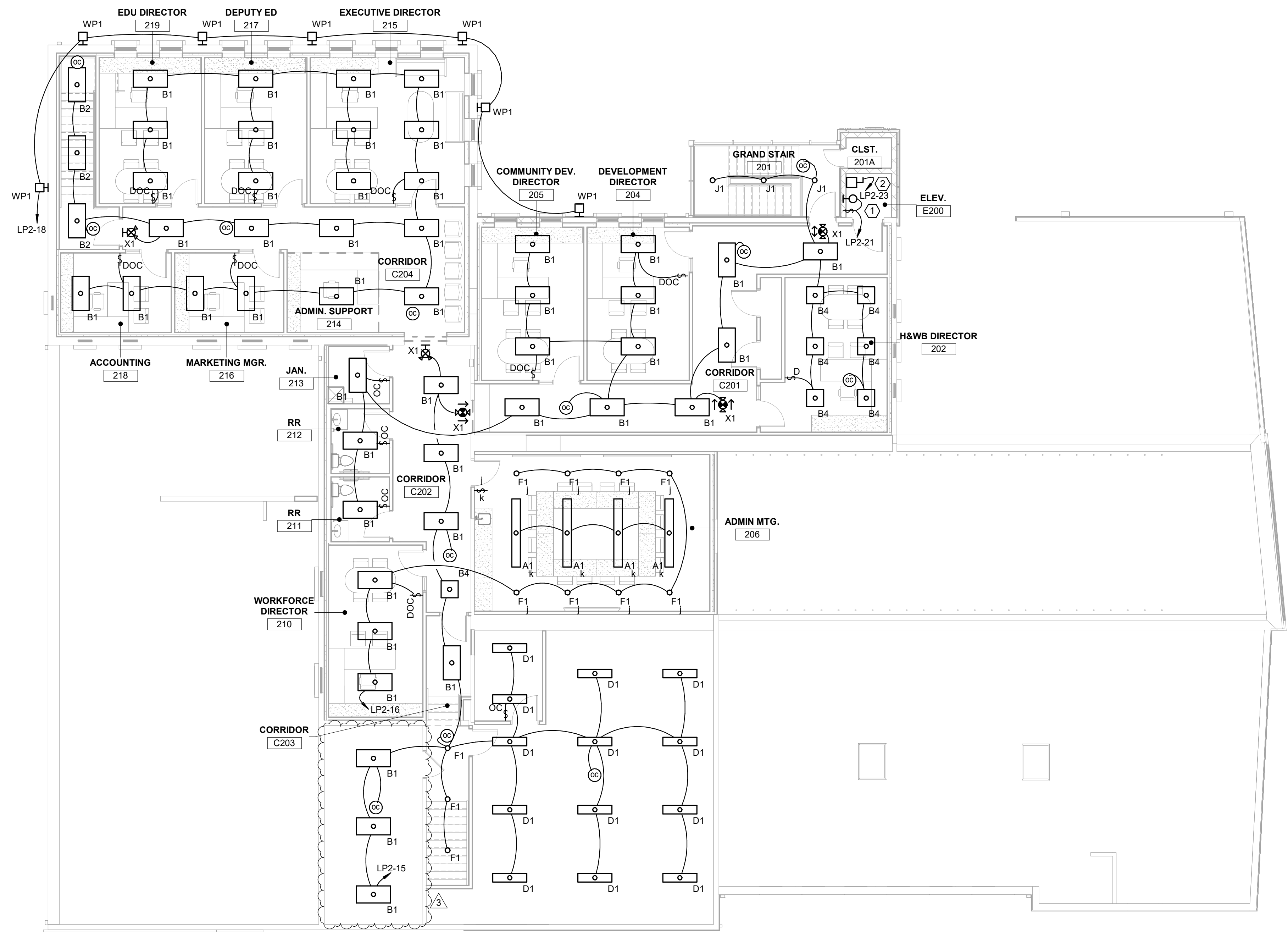
A  
B  
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D  
E  
F

**GENERAL NOTES**

- A. REFER TO E5.1 FOR LIGHTING CONTROL REQUIREMENTS.

**DRAWING NOTES**

- 1. REFER TO DETAIL #1/E5.0 FOR ELEVATOR HOISTWAY LIGHTING AND RECEPTACLE REQUIREMENTS.
- 2. PROVIDE CIRCUIT AND DISCONNECT FOR ELEVATOR CAB LIGHTING.



① SECOND FLOOR LIGHTING PLAN - NEW WORK  
1/8" = 1'-0"



Building Renovation and Addition  
**East End Community Services  
West Care - 624 Building**  
624 Xenia Avenue, Dayton, Ohio 45410

ISSUE		
NO.	DATE	DESCRIPTION
1	12/07/2023	FOR CONSTRUCTION
3	01/08/2024	ADDENDUM 3

DATE	12/07/2023
JOB NO.	2023115
DRAWN	ATD
CHECKED	RLS
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TITLE <b>ELECTRICAL LIGHTING PLAN</b>	

SHEET NO.  
**E2.2**

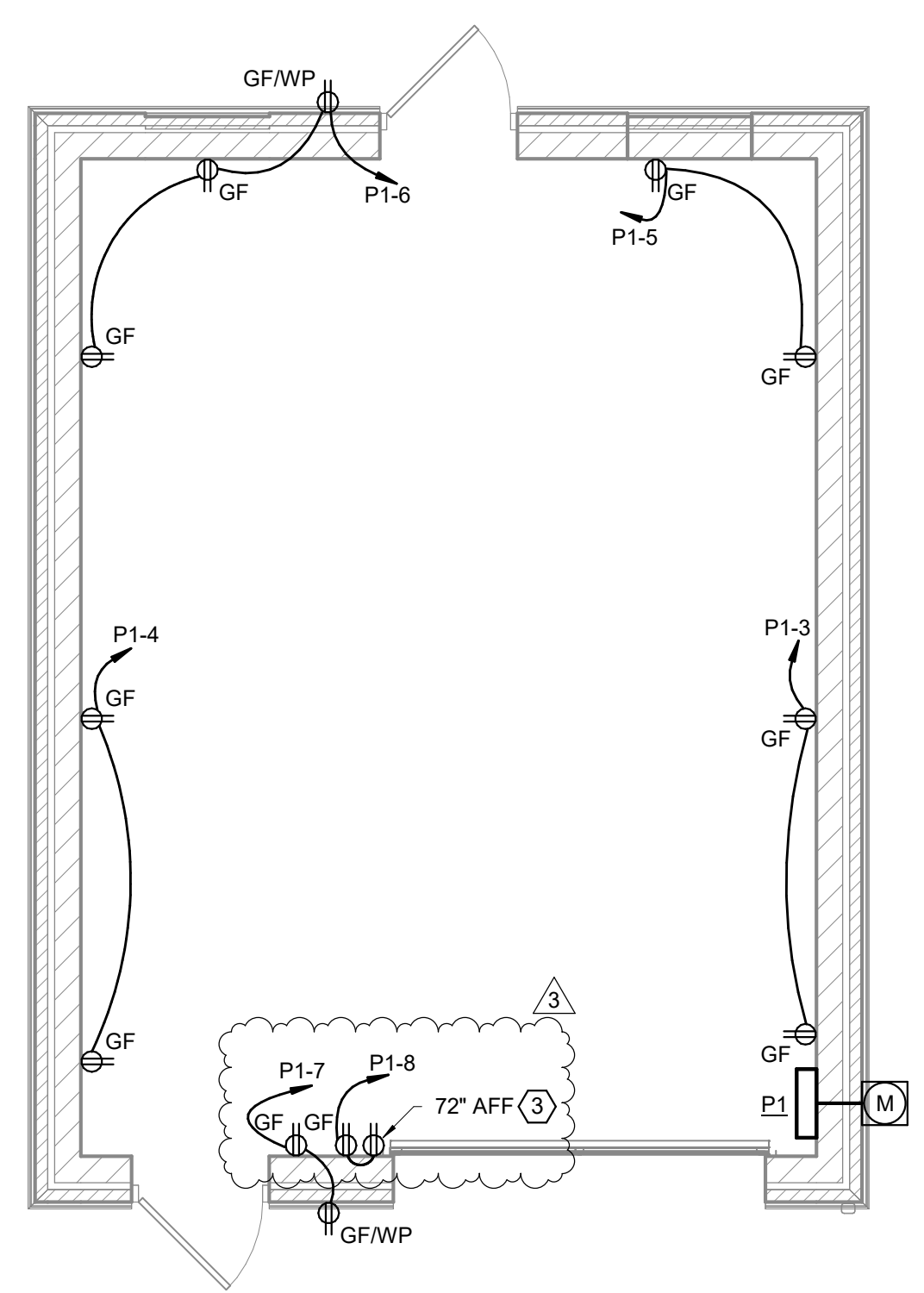
1 2 3 4 5 6 7



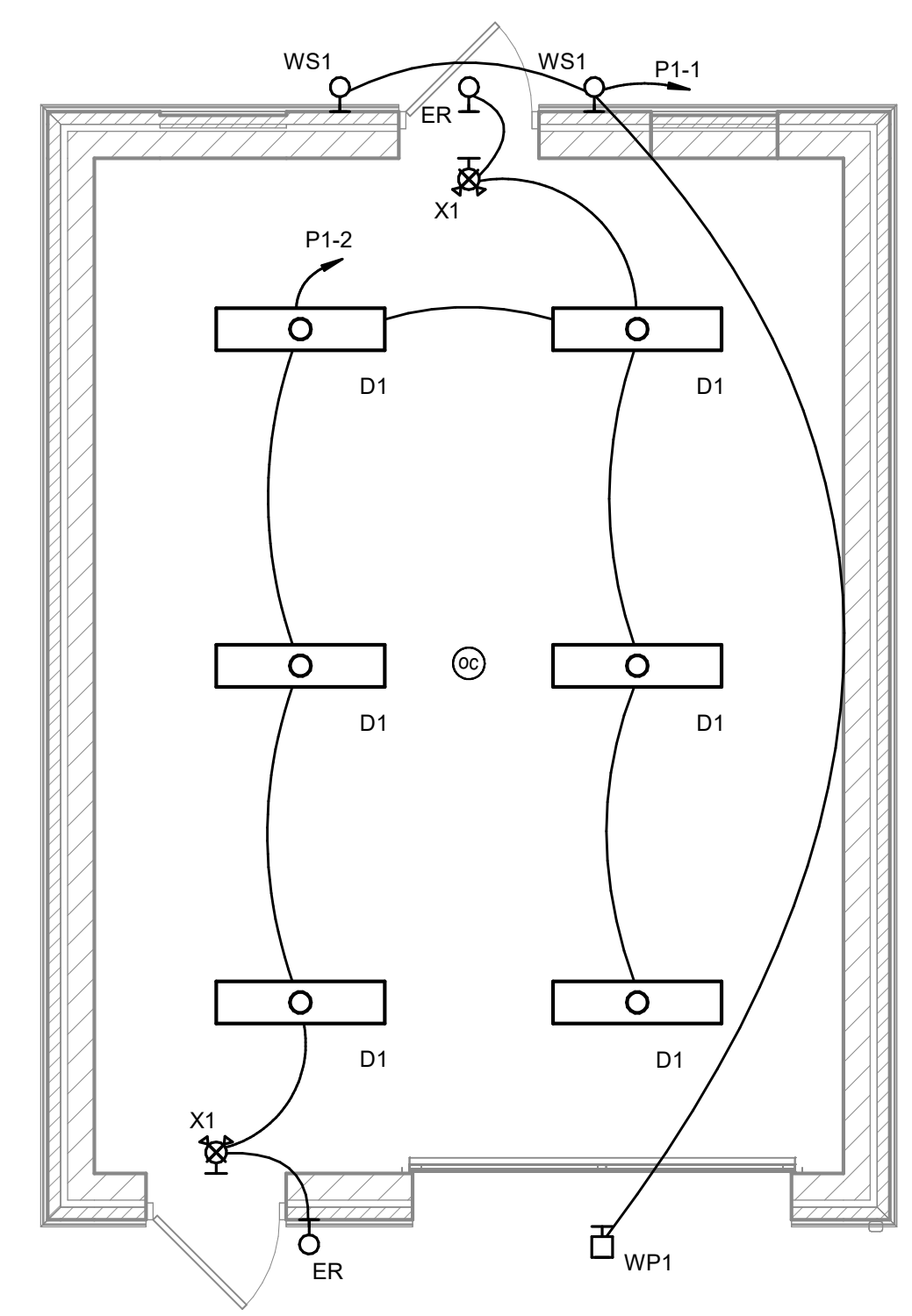
LIGHTING FIXTURE SCHEDULE																			
FIXTURE SYMBOL	FIXTURE VOLTAGE	FIXTURE INPUT WATTS	TEMPERATURE (K)	DELIVERED LUMENS	MANUFACTURER AND MODEL NUMBER	OTHER ACCEPTABLE MANUFACTURER	DIFFUSER MEDIA	CLASSIFICATION	TRIM COLOR						MOUNTING	SIZE (IN.)			NOTES
									WHITE	NICKEL	CHROME	BRUSHED NICKEL	STANDARD	SEE NOTE		DIAMETER OR WIDTH	LENGTH	DEPTH	
D1	120	36	4000	4950	COLUMBIA #CSL4-A-LSCS	AS PRE-APPROVED	FROSTED ACRYLIC	N	X						SM	2.4	48	2.4	2
WP1	120	31	4000	4300	ILP #WPCS-4L-U-40-Tx-SP1-EM5-PCU	AS PRE-APPROVED	CLEAR PLYOCARBONATE	N/EM				1			WM	14.25	9.125	11.375	-
WS1	120	9	3000	479	PROGRESS #P5623-2030K9	AS PRE-APPROVED	OPEN	N				1			WM	12	10.5	13.25	-
X1	-	-	-	-	COMPASS #CCR	AS PRE-APPROVED	EMERGENCY EGRESS	EM	X						UNIVERSAL	19.25	8.125	1.75	-
ER	-	-	-	-	COMPASS #CORS	AS PRE-APPROVED	EMERGENCY EGRESS	EM	X						WM-8'-0"	4.5	DIA	6.7	-
CU2	-	-	-	-	COMPASS #CU2	AS PRE-APPROVED	EMERGENCY EGRESS	EM	X						WM-8'-0"	4	9	2.75	-

NOTES:  
 1. BRONZE  
 2. FIELD SELECTABLE COLOR TEMPERATURE AND LUMEN PACKAGE TO BE SET BY EC DURING INSTALLATION.

- DRAWING NOTES**
- DISCONNECT AND REMOVE ELECTRIC HAND DRYER. RETAIN CIRCUIT AND HAND DRYER FOR RELOCATION. REFER TO NEW WORK PLANS.
  - EXTEND EXISTING HAND DRYER CIRCUIT TO NEW LOCATION. PROVIDE NEW BOX AND INSTALL EXISTING HAND DRYER.
  - COORDINATE LOCATION OF GARAGE DOOR OPENER AND LIGHT CURTAIN POWER ADAPTER PRIOR TO ROUGH-IN.



① FIRST FLOOR POWER PLAN - NEW WORK  
 1/4" = 1'-0"



② FIRST FLOOR LIGHTING PLAN - NEW WORK  
 1/4" = 1'-0"



ISSUE		
NO.	DATE	DESCRIPTION
1	12/07/2023	FOR CONSTRUCTION
2	01/02/2024	ADDENDUM 2
3	01/08/2024	ADDENDUM 3

DATE	12/07/2023
JOB NO.	2023115
DRAWN	ATD
CHECKED	RLS
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TITLE	<b>ELECTRICAL PLANS</b>

1

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3

4

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6

7

A

B

C

D

E

F

A

B

C

D

E

F

### Branch Panel: P1

Location: Space 21      Volts: 120/240 Single      A.I.C. Rating:  
 Supply From:      Phases: 1      Mains Type:  
 Mounting: Surface      Wires: 3      Mains Rating: 200 A  
 Enclosure:                MCB Rating: 200 A

Notes:

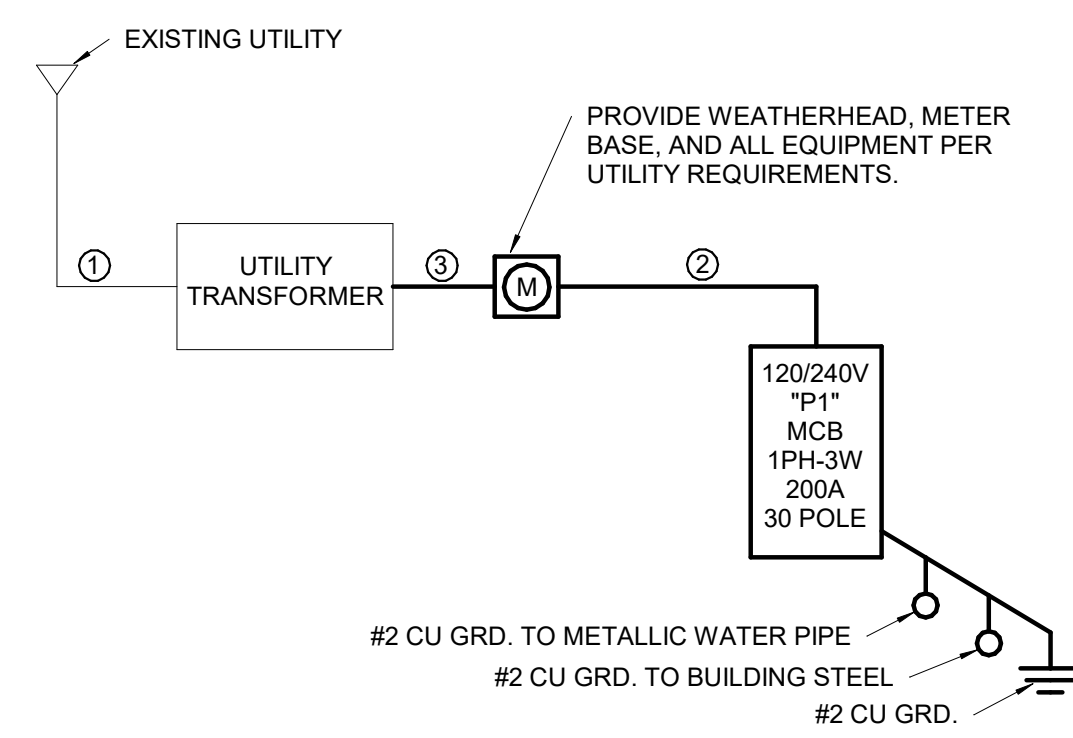
CKT	Circuit Description	Trip	Poles	A		B		Poles	Trip	Circuit Description	CKT
1	LTG - EXTERIOR	20 A	1	49	216			1	20 A	LTG - INTERIOR	2
3	RCPT - GARAGE	20 A	1			360	360	1	20 A	RCPT - GARAGE	4
5	RCPT - GARAGE	20 A	1	360	540			1	20 A	RCPT - GARAGE	6
7	RCPT - GARAGE	20 A	1			360	360	1	20 A	RCPT - GARAGE DOOR OPENER	8
9	SPARE	20 A	1	0	0			1	20 A	SPARE	10
11	SPARE	20 A	1			0	0	1	20 A	SPARE	12
13	SPARE	20 A	1	0	0			1	20 A	SPARE	14
15	SPARE	20 A	1			0	0	1	20 A	SPARE	16
17	SPARE	20 A	1	0	0			1	20 A	SPARE	18
19	SPACE	--	1			--	--	1	--	SPACE	20
21	SPACE	--	1			--	--	1	--	SPACE	22
23	SPACE	--	1			--	--	1	--	SPACE	24
25	SPACE	--	1			--	--	1	--	SPACE	26
27	SPACE	--	1			--	--	1	--	SPACE	28
29	SPACE	--	1			--	--	1	--	SPACE	30
<b>Total Load:</b>				1165 VA		1440 VA					
<b>Total Amps:</b>				10 A		12 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	2340 VA	100.00%	2340 VA	
Lighting	265 VA	100.00%	265 VA	
				<b>Total Conn. Load: 2605 VA</b>
				<b>Total Est. Demand: 2605 VA</b>
				<b>Total Conn.: 11 A</b>
				<b>Total Est. Demand: 11 A</b>

Notes:

- ① FEEDER SCHEDULE
- ① 4" C WITH PULLSTRING
- ② (3) 250 MCM AL IN 3" C
- ③ (3) #1/0 AAC ALUMINUM



① SINGLE-LINE DIAGRAM  
NTS



ISSUE		
NO.	DATE	DESCRIPTION
12/07/2023	FOR CONSTRUCTION	
3	01/08/2024	ADDENDUM 3

DATE	12/07/2023
JOB NO.	2023115
DRAWN	ATD
CHECKED	RLS

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TITLE  
**PANELBOARD  
SCHEDULES AND SINGLE  
LINE DIAGRAM**

SHEET NO.  
**E4.1**



SUBSTITUTION REQUEST FORM

**DATE:** 1/3/2024

615 Woodside Drive, Englewood, Ohio 45322

T 937.836.8898 F 937.832.3696

**REQUEST NO.:** 1

[www.app-arch.com](http://www.app-arch.com)

**PROJECT:** EAST END COMMUNITY SERVICES  
614, 624 & 702 BUILDING RENOVATIONS AND ADDITIONS

**PROPOSED SUBSTITUTION:** Requesting substitution for manual roller window shades. Using  
Spring Window Fashions Tperformance brackets with limited liability warranty and Crosshatch S100  
1% open fabric.

**REQUEST AUTHOR:** Cody Seifert **REQUIRED REPLY DATE:** ASAP

**REPLY:** SWF Contract True Performance manual roller shade with Crosshatch S100 shade  
material is acceptable.

**REPLY AUTHOR:**  **REPLY DATE:** 01/04/2024

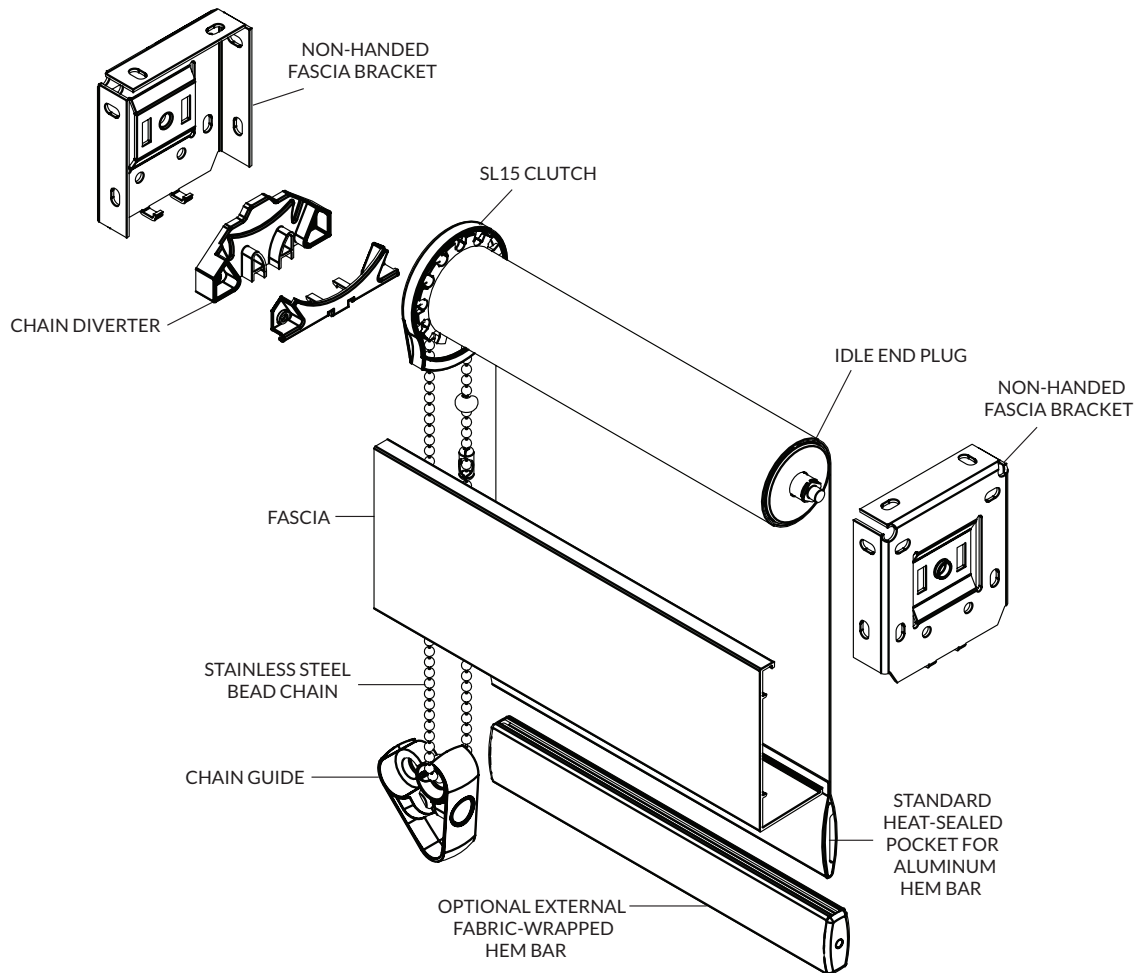
ATTACHMENTS:

ACTION REQUIRED:

DISTRIBUTION:

END OF SECTION 01 2500

# SL15 Manual Shade With Fascia



- SL15 clutch system is available with a 1.5" tube.
- Roller tube is extruded T5 aluminum, engineered with a channel to accept fabric spline, making the shade panel easy to remove.
- Clutch mechanism is fiberglass-filled nylon construction for long-lasting durability and includes a Velvetrol™ internal spring arrangement for smoother operation.
- Spring-loaded idle end.
- Non-handed brackets are stamped steel and corrosion resistant. Available in powder-coated white, vanilla, gray, and black.
- Maximum roll diameter is 2.51" on 3" fascia, and 2.235" on reverse fascia.
- Shades are raised and lowered by means of a #10 stainless steel bead chain.
- Plastic bead chains are also available. Colors include white, vanilla, gray, brown, and black.
- Hem bar is extruded aluminum and completely enclosed in a heat-sealed hem pocket.
- Optional external fabric-wrapped hem bar is available in a maximum width of 12'. Colors include white, bronze, and clear satin anodized.
- 3" fascia measures 3.395" high with a 1.5" bottom lip and snaps onto fascia bracket. Back fascia is also available. Colors include white, vanilla, bronze, clear satin anodized, and black.
- Limited Lifetime Warranty.

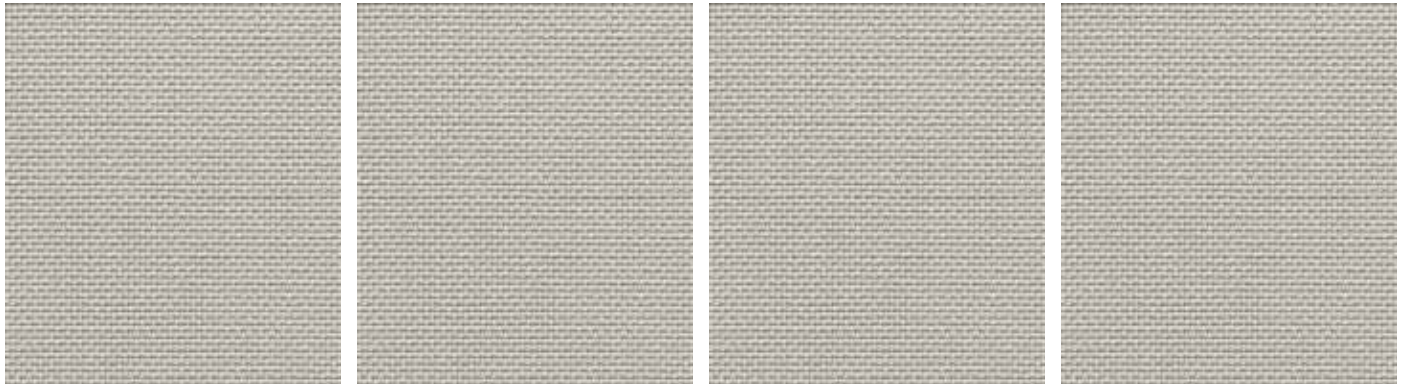
# Crosshatch S

S100 - 1% open | S300 - 3% open | S500 - 5% open | S1000 - 10% open

This fabric features a 2 x 2 thin basket weave pattern for a smooth, consistent look.  
Visit [swfcontract.com](http://swfcontract.com) to request free samples.

**Fire Classification:** NFPA 701 TM#1  
**Bacteria and Fungal Resistance:** ASTM G21 & ASTM E2180  
**Railroading Available:** Yes

**Stocked:** 126" wide (1%, 3%, 5%),  
118" wide (10%)  
**Fabric Content:** other side



C7904 Fog - 1% open - Tv: 6%    C8204 Fog - 3% open - Tv: 6%    C8304 Fog - 5% open - Tv: 9%    C8404 Fog - 10% open - Tv: 14%

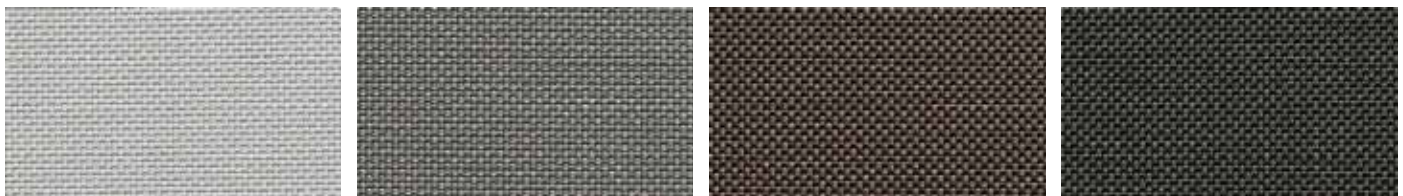


**White**  
C7901 - 1% - Tv: 15%  
C8201 - 3% - Tv: 18%  
C8301 - 5% - Tv: 22%  
C8401 - 10% - Tv: 29%

**Eggshell**  
C7902 - 1% - Tv: 19%  
C8202 - 3% - Tv: 18%  
C8302 - 5% - Tv: 20%  
C8402 - 10% - Tv: 23%

**Linen**  
C7903 - 1% - Tv: 6%  
C8203 - 3% - Tv: 7%  
C8303 - 5% - Tv: 10%  
C8403 - 10% - Tv: 15%

**Fog**  
C7904 - 1% - Tv: 6%  
C8204 - 3% - Tv: 6%  
C8304 - 5% - Tv: 9%  
C8404 - 10% - Tv: 14%



**Smoke**  
C7905 - 1% - Tv: 4%  
C8205 - 3% - Tv: 7%  
C8305 - 5% - Tv: 10%  
C8405 - 10% - Tv: 14%

**Steel Grey**  
C7906 - 1% - Tv: x%  
C8206 - 3% - Tv: x%  
C8306 - 5% - Tv: x%  
C8406 - 10% - Tv: x%

**Ebony/Chocolate**  
C7907 - 1% - Tv: 3%  
C8207 - 3% - Tv: 5%  
C8307 - 5% - Tv: 8%  
C8407 - 10% - Tv: 12%

**Ebony**  
C7908 - 1% - Tv: 4%  
C8208 - 3% - Tv: 6%  
C8308 - 5% - Tv: 9%  
C8408 - 10% - Tv: 14%

# Crosshatch S

## Fabric Content and Solar Optical Properties

### Crosshatch S | S100 - 1% open

Mesh Weight: 15.1 – 16.2 oz/yd<sup>2</sup>

Fabric Thickness: 0.026 – 0.027 in

#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
C7901	White	24% Poly/76% VoP	20	75	5	15	0.27	0.28	0.29	0.26	0.27	0.23
C7902	Eggshell	25% Poly/75% VoP	24	60	16	19	0.40	0.39	0.35	0.37	0.36	0.28
C7903	Linen	25% Poly/75% VoP	11	55	34	6	0.40	0.39	0.35	0.38	0.37	0.28
C7904	Fog	25% Poly/75% VoP	9	33	58	6	0.55	0.53	0.42	0.52	0.48	0.35
C7905	Smoke	21% Poly/79% VoP	6	38	56	4	0.51	0.49	0.40	0.48	0.45	0.33
C7906	Steel Grey	24% Poly/76% VoP	1	16	83	2	0.65	0.62	0.47	0.61	0.56	0.39
C7907	Ebony/Chocolate	21% Poly/79% VoP	2	7	91	3	0.71	0.67	0.50	0.67	0.61	0.42
C7908	Ebony	21% Poly/79% VoP	2	5	93	4	0.73	0.68	0.50	0.69	0.62	0.42

### Crosshatch S | S300 - 3% open

Mesh Weight: 14.3 – 15.5 oz/yd<sup>2</sup>

Fabric Thickness: 0.026 – 0.027 in

#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
C8201	White	24% Poly/76% VoP	22	72	6	18	0.30	0.31	0.31	0.28	0.29	0.24
C8202	Eggshell	18% Poly/82% VoP	23	70	7	18	0.32	0.32	0.31	0.30	0.31	0.25
C8203	Linen	18% Poly/82% VoP	12	53	35	7	0.42	0.41	0.36	0.39	0.38	0.29
C8204	Fog	18% Poly/82% VoP	8	32	60	6	0.55	0.53	0.42	0.52	0.49	0.35
C8205	Smoke	21% Poly/79% VoP	7	37	56	7	0.52	0.5	0.4	0.49	0.46	0.33
C8206	Steel Grey	24% Poly/76% VoP	3	15	82	4	0.66	0.63	0.47	0.62	0.57	0.39
C8207	Ebony/Chocolate	21% Poly/79% VoP	4	7	89	5	0.72	0.68	0.5	0.68	0.61	0.42
C8208	Ebony	21% Poly/79% VoP	4	5	91	6	0.73	0.69	0.5	0.69	0.62	0.42

### Crosshatch S | S500 - 5% open

Mesh Weight: 13.4 – 14.6 oz/yd<sup>2</sup>

Fabric Thickness: 0.024 – 0.025 in

#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
C8301	White	24% Poly/76% VoP	25	70	5	22	0.33	0.33	0.32	0.30	0.31	0.25
C8302	Eggshell	16% Poly/84% VoP	26	69	5	20	0.34	0.34	0.32	0.31	0.32	0.25
C8303	Linen	16% Poly/84% VoP	14	52	34	10	0.43	0.42	0.36	0.40	0.39	0.29
C8304	Fog	16% Poly/84% VoP	10	32	58	9	0.56	0.54	0.43	0.53	0.49	0.35
C8305	Smoke	21% Poly/79% VoP	10	37	53	10	0.53	0.51	0.41	0.5	0.46	0.34
C8306	Steel Grey	24% Poly/76% VoP	5	15	80	7	0.67	0.63	0.47	0.63	0.57	0.40
C8307	Ebony/Chocolate	21% Poly/79% VoP	6	7	87	8	0.72	0.68	0.50	0.68	0.62	0.42
C8308	Ebony	21% Poly/79% VoP	6	5	89	9	0.74	0.69	0.51	0.69	0.63	0.43

### Crosshatch S | S1000 - 10% open

Mesh Weight: 12.3 – 13.4 oz/yd<sup>2</sup>

Fabric Thickness: 0.024 in

#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
C8401	White	24% Poly/76% VoP	30	66	4	29	0.37	0.37	0.34	0.34	0.34	0.27
C8402	Eggshell	16% Poly/84% VoP	28	68	4	23	0.35	0.35	0.33	0.32	0.32	0.26
C8403	Linen	16% Poly/84% VoP	18	52	30	15	0.44	0.43	0.37	0.41	0.40	0.30
C8404	Fog	16% Poly/84% VoP	15	37	48	14	0.54	0.52	0.42	0.51	0.47	0.34
C8405	Smoke	21% Poly/79% VoP	13	36	51	14	0.54	0.52	0.42	0.51	0.47	0.34
C8406	Steel Grey	24% Poly/76% VoP	11	15	74	16	0.68	0.64	0.48	0.64	0.58	0.40
C8407	Ebony/Chocolate	21% Poly/79% VoP	8	7	85	12	0.73	0.69	0.5	0.68	0.62	0.42
C8408	Ebony	21% Poly/79% VoP	9	5	86	14	0.75	0.70	0.51	0.70	0.63	0.43

EAST END COMMUNITY SERVICES  
614, 624 & 702 BUILDING RENOVATIONS & ADDITIONS

2023



SUBSTITUTION REQUEST FORM

DATE: 1/3/24

615 Woodside Drive, Englewood, Ohio 45322  
T 937.836.8898 F 937.832.3696

REQUEST NO.: \_\_\_\_\_

www.app-arch.com

PROJECT: EAST END COMMUNITY SERVICES  
614, 624 & 702 BUILDING RENOVATIONS AND ADDITIONS

PROPOSED SUBSTITUTION: 9- # 3 Winter Red Winterberry Holly instead  
of 9- #5 Berry Heavy Winterberry

REQUEST AUTHOR: Matt Bentley REQUIRED REPLY DATE: 1/5/24

REPLY: This substitution is acceptable.

REPLY AUTHOR:  REPLY DATE: 01/04/2024

ATTACHMENTS:

ACTION REQUIRED:

DISTRIBUTION:

END OF SECTION 01 2500



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# *Ilex verticillata* 'Winter Red'


[More Images](#)

 Common Name: winterberry 

Type: Deciduous shrub

Family: Aquifoliaceae

Zone: 3 to 9

Height: 6.00 to 8.00 feet

Spread: 6.00 to 8.00 feet

Bloom Time: June to July

Bloom Description: White

Sun: Full sun to part shade

Water: Medium to wet

Maintenance: Low

Suggested Use: Hedge, Rain Garden

Flower: Insignificant

Attracts: Birds

Fruit: Showy

Other: Winter Interest

Tolerate: Erosion, Clay Soil, Wet Soil, Air Pollution

[Garden locations](#)

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## Culture

Easily grown in average, acidic, medium to wet soils in full sun to part shade. Adaptable to both light and heavy soils, but prefers moist, acidic, organic loams. Good tolerance for poorly drained soils including wet boggy or swampy conditions (this species is native to swampy areas of Eastern North America). Winterberries are dioecious (separate male and female plants). Only fertilized female flowers will produce the attractive red berries that are the signature of the species. Generally one male winterberry will be sufficient for pollinating 6-10 female plants. Flowers appear on new growth. Prune to shape in early spring just before new growth appears.

'Winter Red' is a female clone which needs a male pollinator to produce the attractive red berries which are the signature of the winterberries. Generally one male winterberry (such as *I. verticillata* 'Southern Gentleman') will be sufficient for pollinating 9-10 'Winter Red' plants. Prune to shape in early spring just before new growth appears.

## Noteworthy Characteristics

*Ilex verticillata*, commonly called winterberry, is a deciduous holly that is native to eastern North America where it typically occurs in swamps, damp thickets, low woods and along ponds and streams. The form of this plant found in Missouri is *Ilex verticillata* var. *padifolia*, which occurs in "shut-ins", granite rocky stream beds and sandstone bluffs in only 4 counties in the southeastern part of the state (Steyermark). This is a slow-growing, deciduous shrub with an upright-rounded habit that typically grows 6-12' tall. Mature specimens in the wild can reach upwards of 15'. Often suckers to form large thickets or colonies. Elliptic to obovate, toothed, dark green leaves (2-3" long). Fall color is usually negligible, but in some years leaves may turn attractive shades of maroon. Relatively inconspicuous greenish-white flowers appear in the leaf axils in late spring. Flowers, if properly pollinated, give way to a crop of bright red berries (1/4" diameter) in late summer to fall. Berries are quite showy and will persist throughout the winter (hence the common name) and often into early spring. Berries provide considerable impact and interest to the winter landscape.

Genus name comes from the Latin name *Quercus ilex* for holm oak in reference to the foliage similarities (holm oak and many of the shrubs in the genus *Ilex* have evergreen



leaves).

Specific epithet from Latin means whorled in reference to the arrangement of sessile fruits in pseudo-whorls around the stems.

Common name comes from the quite showy berries that will persist throughout the winter and often into early spring.

'Winter Red' is a female winterberry cultivar that typically matures to 6-8' tall. Among winterberry cultivars, it is noted for heavy fruiting, bright red fruit color and good retention of the bright fruit color throughout winter. It is a slow-growing, deciduous, suckering shrub with an upright rounded habit. Lustrous dark green leaves (to 3-5" long). Relatively inconspicuous whitish flowers appear in the leaf axils in late spring. Flowers, if properly pollinated, give way to a profuse crop of bright red berries (3/8" diameter) in fall. Berries are quite showy and will persist throughout the winter (hence the common name) often to early spring. Berries provide considerable impact and interest to the winter landscape. Pennsylvania Horticultural Society Gold Medal (Steyer Award) in 1995.

### Problems

No serious insect or disease problems. Occasional disease problems include leaf spots and powdery mildew. Plants do poorly in neutral to alkaline soils where they are susceptible to chlorosis (yellowing of leaves) and often die.

### Uses

Year round interest, highlighted by the showy display of red berries in winter. Mass or group in shrub borders, foundations, native plant areas or bird gardens. Hedge. Excellent shrub for moist soils in low spots or along streams and ponds. Although an attractive shrub, the species is infrequently sold in commerce because of the many excellent cultivars which generally produce showier flowers and larger, more abundant fruit.



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4344 Shaw Blvd., St. Louis, MO 63110  
(314) 577-5100 [hours and admission](#)

Butterfly House

Faust Park, 15193 Olive Blvd.  
Chesterfield, MO 63017  
(636) 530-0076 [hours and admission](#)

Shaw Nature Reserve

Hwy. 100 & I-44 Gray Summit, MO 63039  
(636) 451-3512 [hours and admission](#)

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SUBSTITUTION REQUEST FORM

DATE: 1/3/2024

615 Woodside Drive, Englewood, Ohio 45322  
T 937.836.8898 F 937.832.3696

REQUEST NO.: 1

www.app-arch.com

PROJECT: EAST END COMMUNITY SERVICES  
614, 624 & 702 BUILDING RENOVATIONS AND ADDITIONS

PROPOSED SUBSTITUTION: For Kawneer Tri Fab VersaGlaze 451T and  
601T - Oldcastle FG3000 and Series 6000 or YKK YES45TU  
and YES60TU

REQUEST AUTHOR: Janet Fields REQUIRED REPLY DATE: 1-5-2024

- REPLY: Oldcastle FG3000 - Rejected
- Oldcastle Series 6000 - Accepted (contractor to verify that this model can span the height required for this application)
- YKK YES 45 TU - Accepted
- YKK YES 60 TU - Accepted (contractor to verify that this model can span the height required for this application)

REPLY AUTHOR:  REPLY DATE: 01/04/2024

ATTACHMENTS:

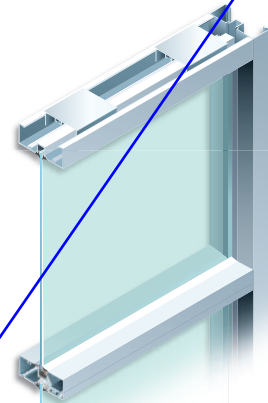
ACTION REQUIRED:

DISTRIBUTION:

END OF SECTION 01 2500

# Standard Flush Glaze Storefront Systems— a wide range of storefront framing systems for efficient installation

Oldcastle BuildingEnvelope™ offers a complete line of storefront framing systems to **meet just about any storefront application and condition**. The Series 1000 is 1-3/4" x 4", and the Series 2000 is 1-3/4" x 4-1/2". Both are designed for 1/4" glazing but are **easily adapted to 5/16" or 3/8" infills**. The Series 3000 (2" x 4-1/2") is designed for 1" glazing and is adaptable to many different infills ranging from 1/4" to 1-1/8".



St. Benedict's Medical Arts Building, Ogden, UT  
Architect: Babcock Design Group

## Features

- Three different assembly methods: Screw Spline, Shear Block and Stacking
- Tested by independent laboratories:
  - Air Infiltration: <.06 allowable at 6.24 PSF
  - Water Resistance: 10 PSF
- Door framing components
- Sidelite bases to match door bottom rails
- Multiple corner post configurations
- Adjustable and 135° mullion
- Anodized or painted finishes

standard flush glaze systems

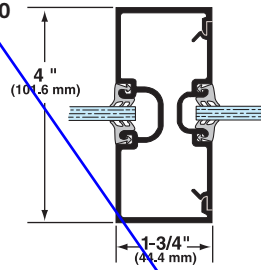


**Oldcastle BuildingEnvelope™**

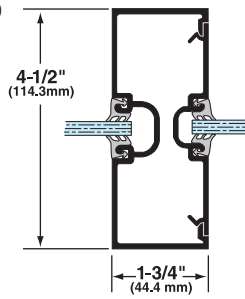
*Engineering your creativity™*

**Details**

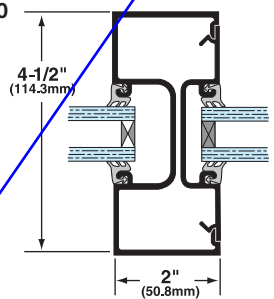
**FG-1000**



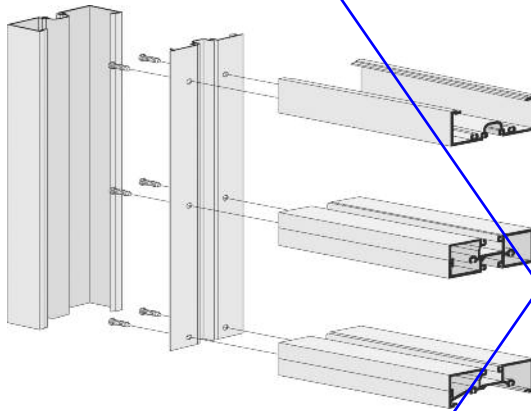
**FG-2000**



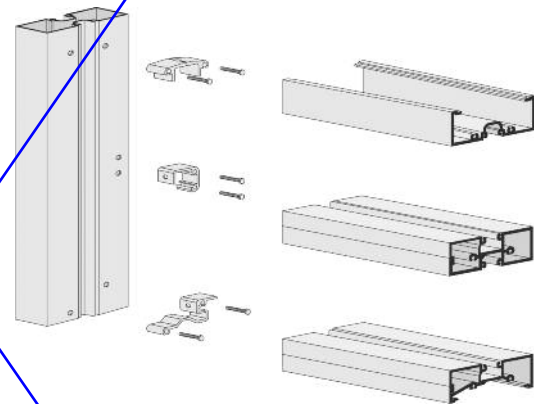
**FG-3000**



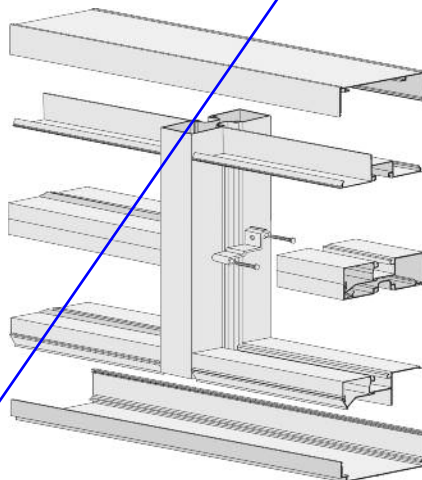
**Screw Spline Assembly**



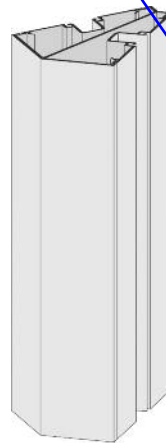
**Shear Block Assembly**



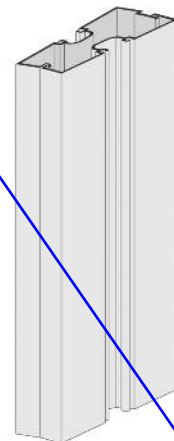
**Stack Assembly**



**135° Corner**



**Adjustable Mullion**







## Series 6000 Thermal MultiPlane— 2" x 6" front set and center set storefront system by Oldcastle BuildingEnvelope®

The Series 6000 Thermal MultiPlane extends the versatility of standard storefront systems by offering **improved thermal and structural performance** with Front Set and Center Set glass plane options. Corner mullions and an optional Front Set SSG mullion with continuous head and sill members offer options to fit many applications. Intermediate horizontals from Series 3000 Thermal MultiPlane (4-1/2" depth) can be used on both Front Set and Center Set configurations to allow for full length blinds or value engineering. Designed for 1" infill, the Series 6000 Thermal MultiPlane has available glazing adapters and gasket options for infills ranging from 1/4" to 1-1/8".



Osprey Pointe, Port of Pasco Headquarters, Pasco, WA  
Architect: BCRA, Inc.

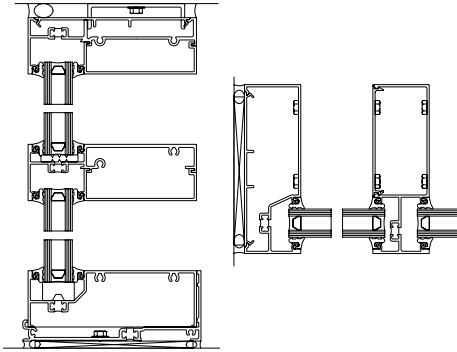
### Features

- Overall system dimensions: 2" x 6"
- Front Set and Center Set configuration with screw spline assembly
- Thermally broken head anchor clip for Center Set configuration
- SSG glazing option with patented funnel bridge and continuous head and sill assembly for Front Set
- Outside and inside glazing options for Front Set; outside glazing for Center Set
- Complete 90° corner mullions
- Thermally broken members with polyurethane thermal breaks
- Accommodates ZS-2750 vents
- Factory painted Kynar 500®/Hylar 5000® finishes, meeting all provisions of AAMA 2605
- Factory anodized finishing

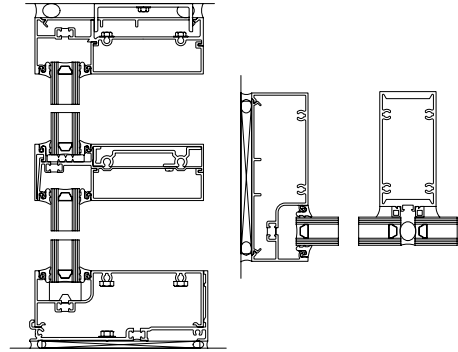


Details

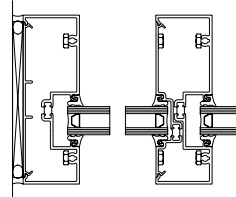
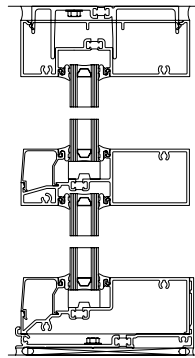
Front Set



Front Set SSG



Center Set



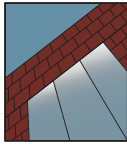
Performance

- Air Infiltration: <.06 CFM/SQ FT (6.24 PSF) per ASTM E283
- Static Water: 10 PSF per ASTM E331
- Thermal Performance per AAMA 1503 for clear 1" insulating glass:
  - Front Set:
    - U-factor = 0.56
    - CRF = 70
  - Center Set:
    - U-factor = 0.59
    - CRF = 61
- Thermal Performance per AAMA 1503 for clear Low-E insulating glass:
  - Front Set:
    - U-factor = 0.34
    - CRF = 73
  - Center Set:
    - U-factor = 0.34
    - CRF = 70
- NFRC Certified
- Thermal Performance Characteristics per AAMA 507



# YES 45 TU

Thermally Broken, Center Set Storefront System



## STOREFRONT SYSTEM

### Product Description

The YES 45 TU is a thermally broken, center set, flush glazed storefront system for insulating glass. The system is thermally broken by means of a poured and debridged pocket that employs a patented process, ThermaBond Plus®, to greatly improve adhesion of the polyurethane to the extruded aluminum. Combining science and technology, ThermaBond Plus® resolves the problem of adhesion and the resulting dry shrinkage associated with typical poured and debridged systems.

### Product Options & Features

- Excellent thermal performance utilizing standard 1" insulating glass
- Patented ThermaBond Plus® thermal break
- High Performance Sill Flashing
  - ◆ No Blind Seals
  - ◆ Tall back leg for enhanced water resistance
  - ◆ Patented 3-point attachment of end dam
- Assembled with either our Screw Spline or Shear Block Technology
- Integrates with our Model 20D/35D/50D Doors

**U-Factor** Values as low as 0.32\*

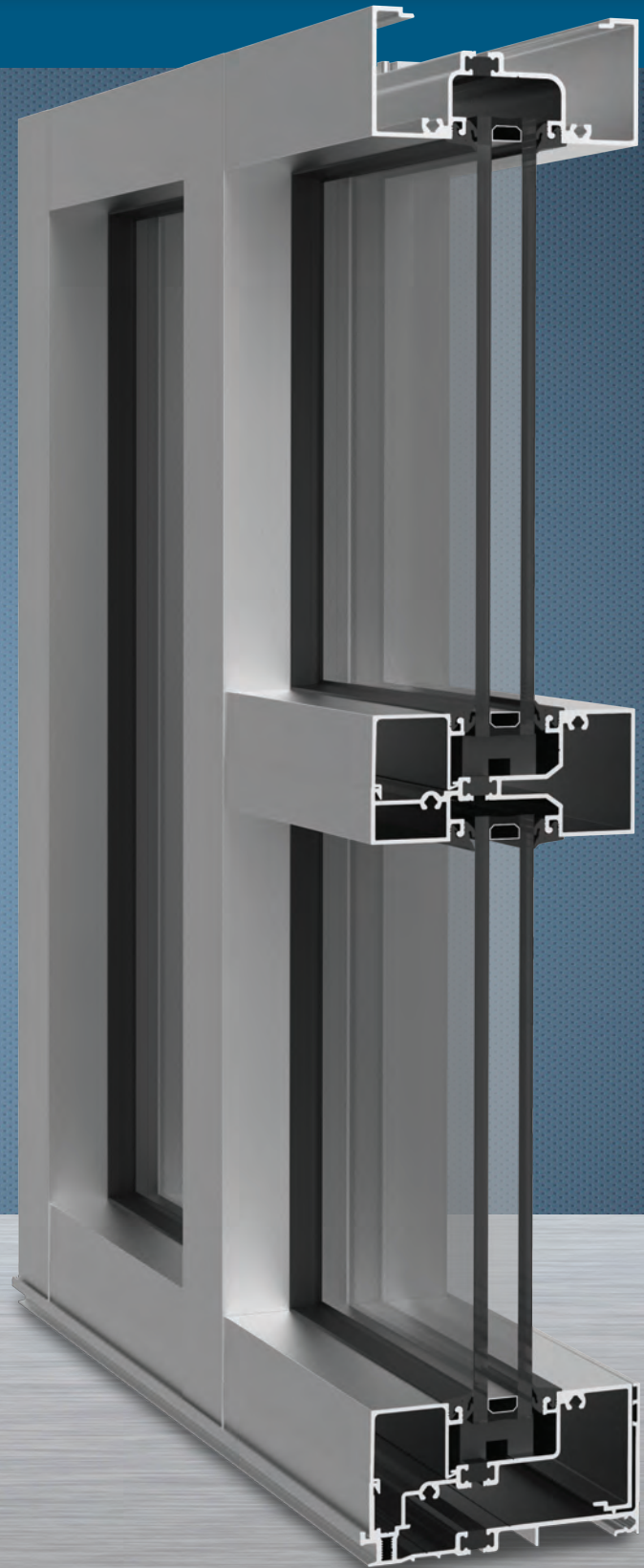
**CRF** Minimum 57<sub>frame</sub> & 62<sub>glass</sub>

\*Based on AAMA 507. Lower values may be achieved through further simulation.



**YKK**  
**ap**

Quality  
inspires®



# YES 45 TU

## SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Acoustical Performance
2"	4-1/2"	Inside or Outside & Center Set	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.06 CFM/FT <sup>2</sup> (1.10 m <sup>3</sup> /h·m <sup>2</sup> ) @ 6.24 PSF (299 Pa)	<b>Static:</b> 12 PSF (575 Pa)	<b>Std STC:</b> 32 <b>Std OITC:</b> 26
<b>Testing Standards</b>				ASTM E 283	ASTM E 331 & AAMA 501	ASTM E 90 & 1425
<b>Installation Options</b>				Screw Spline or Shear Block with Monolithic or Insulating Glass		
<b>Available Finishes</b>				Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)		

Thermal Performance						
1" IGU			BTU/hr·ft <sup>2</sup> ·°F			
<b>C.O.G U-Factor</b>	0.30	0.28	0.26	0.24	0.22	0.20
<b>2" x 4-1/2"</b>	0.43	0.42	0.40	0.39	0.37	0.35
1" IGU			BTU/hr·ft <sup>2</sup> ·°F			
<b>C.O.G U-Factor</b>	0.30	0.28	0.26	0.24	0.22	0.20
<b>2" x 4-1/2" (XT Filler)</b>	0.40	0.38	0.36	0.35	0.33	0.32
<b>Testing Standards</b>	AAMA 507 & NFRC 100					

CRF	
Frame	Glass
57	62
CRF	
Frame	Glass
Not Tested	Not Tested
AAMA 1503	

## SILL FLASHING

- No Secondary penetration of sill and flashing.
- 2" back leg on sill flashing – enhanced water resistance in the field and in field water testing.
- Three point attachment of end dam, with two patented screw splines.
- No sill anchoring required if end reaction is less than 500 lbs.
- Sill flashing and end dams can be assembled and sealed in the shop. Much more secure during transport to job site.
- New silicone sill flashing splice sleeve seals more reliably and with less "bump".



## THERMALLY BROKEN

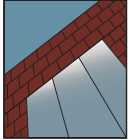
ThermaBond Plus® process is a pour and debridged process that greatly improves the adhesion of the polyurethane material to the aluminum extrusion. Combining science and technology, ThermaBond Plus® process resolves the problem of adhesion and the resulting dry shrinkage associated with typical poured and debridged systems.

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at: [www.ykkap.com/commercial/product/storefronts/yes-45-tu-center-set/](http://www.ykkap.com/commercial/product/storefronts/yes-45-tu-center-set/)



# YES 60 TU

Large Span, Thermally Broken Offset Storefront System



## STOREFRONT SYSTEM

### Product Description

The YES 60 TU is a thermally broken, offset, flush glazed storefront system for insulating glass. This system uses a pour and debridged pocket that employs a patented process, ThermaBond Plus®, to greatly improve adhesion of the polyurethane to the extruded aluminum. Combining science with technology, ThermaBond Plus® resolves the problem of adhesion and the resultant dry shrinkage associated with typical poured and debridged systems. The system can deliver the thermal performance necessary for climate zones 1-3, and climate zones 4-6 when complying with ASHRAE 90.1 versions of the energy code thru 2013 using 1" low E IGU's. This system was also built to achieve taller spans while keeping great energy performance.

### Product Options & Features

- ThermaBond Plus® Thermal Break
- Diamond-shaped Screw Spline assembly
- Integrates with 20D/35D/50D Single & Pair Doors
- High performance sill flashing
- Integrates with YES 45 Series storefronts
- Compatible with ThermaShade® and Luminance® Sun Control systems

**U-Factor** Values as low as 0.33\*

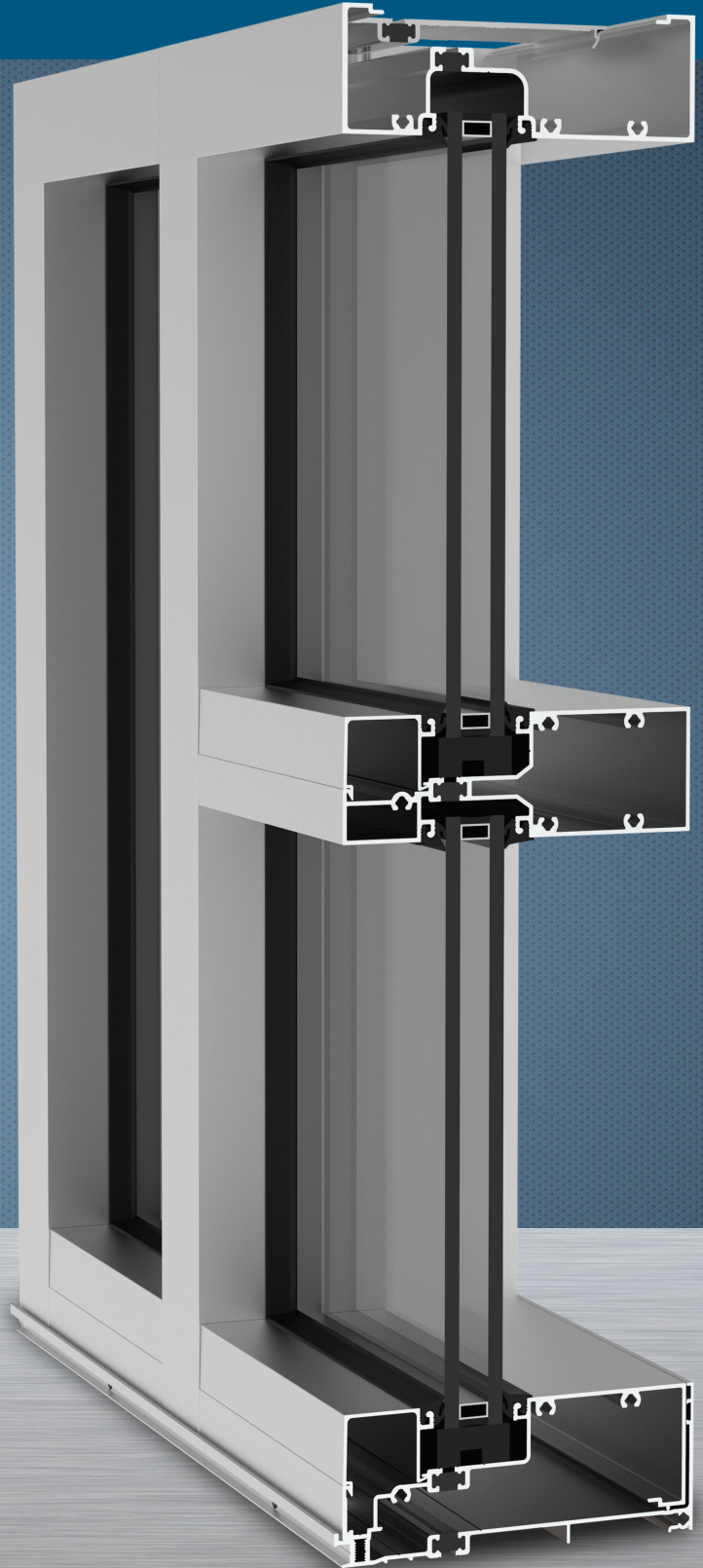
**CRF** Minimum 69<sub>frame</sub> & 68<sub>glass</sub>

\*Based on AAMA 507. Lower values may be achieved through further simulation.



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**ap**

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# YES 60 TU

## SYSTEM SPECIFICATIONS

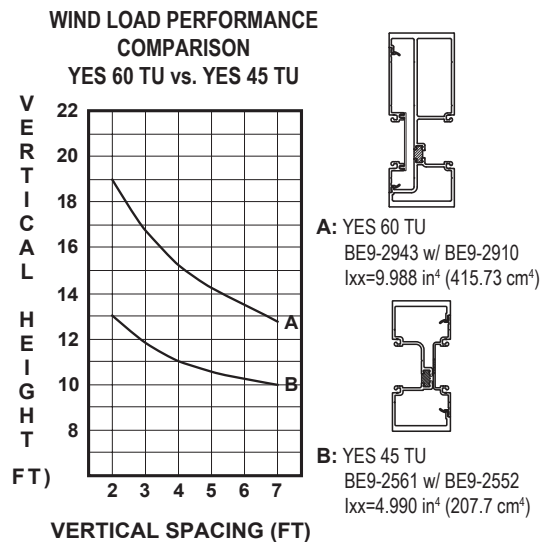
System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Acoustical Performance
2"	6"	Outside & Offset	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.06 CFM/FT <sup>2</sup> (1.10 m <sup>3</sup> /h-m <sup>2</sup> ) @ 6.24 PSF (299 Pa)	<b>Static:</b> 12 PSF (574 Pa) <b>Dynamic:</b> 12 PSF (574 Pa)	<b>Std STC:</b> 31 <b>Std OITC:</b> 25
<b>Testing Standards</b>				ASTM E 283	ASTM E 331 & AAMA 501	ASTM E 90 & 1425
<b>Installation Options</b>				Screw Spline with Insulating Glass		
<b>Available Finishes</b>				Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)		

Thermal Performance						
1" IGU	BTU/hr-ft <sup>2</sup> -°F					
<b>C.O.G U-Factor</b>	0.30	0.28	0.26	0.24	0.22	0.20
<b>2" x 6"</b>	0.41	0.40	0.38	0.36	0.35	0.33
<b>Testing Standards</b>	AAMA 507					

CRF	
Frame	Glass
69	68
AAMA 1503	

## STRUCTURAL INTEGRITY

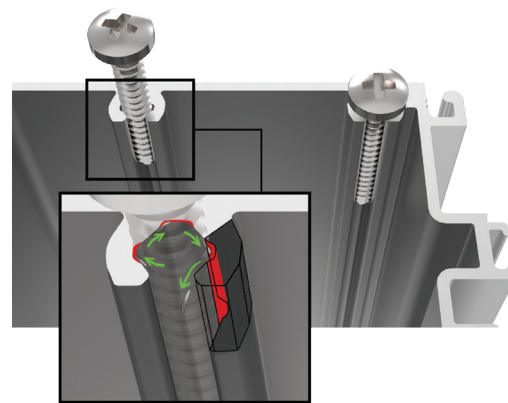
Longer horizontal mullions resulting in greater spans for projects.  
Chart based on 20 PSF windload.



## FASTER INSTALLATION

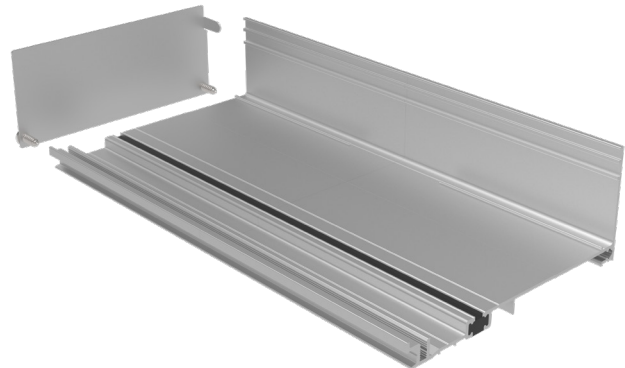
### Diamond Shaped Screw Splines

- Reducing structural stress at fastener head connection helps prevent any screw breaks
- Eliminates the need for wax dipping
- Chip relief allows for quicker screw driving, resulting in reduced fabrication time



## INDUSTRY LEADING SILL FLASHING

- No Blind Seals - no secondary penetration of sill and flashing
- Taller back leg - enhanced water resistance (10 PSF) in the field, and in field water testing
- Patented 3 point attachment of end dam for reduced transit damage. Remains intact and sealed throughout life of the building
- No sill anchoring required if end reaction less than 500 lbs.



Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at:

[www.ykkap.com/commercial/product/storefronts/yes-60-tu/](http://www.ykkap.com/commercial/product/storefronts/yes-60-tu/)



# JACKSHAFT (LJ8900W)

## LIGHT-DUTY COMMERCIAL DOOR OPERATOR FOR SECTIONAL DOORS

LIGHT-DUTY APPLICATIONS

### SECTIONAL DOORS

Ideal for Applications Using Smaller, Lighter Commercial Doors with Light-Duty Cycle Requirements

### WALL MOUNT

on Small Sectional Doors



## SMART

**myQ® TECHNOLOGY** ENABLES MONITORING AND CONTROL OF THE FACILITY OPERATORS THROUGH A MOBILE APP.

**BUILT-IN WI-FI®** FOR SIMPLE OPERATOR INTERNET CONNECTION.

**REAL-TIME ALERTS** INDICATE THE STATUS OF DOORS VIA EMAIL OR PUSH NOTIFICATIONS.

## QUIET AND SECURE

**SMOOTH START/STOP** REDUCES WEAR FOR LASTING PERFORMANCE.

**AUTOMATIC DOOR LOCK CAPABLE:** SECURES THE DOOR EVERY TIME IT CLOSES.

**SECURITY+ 2.0®** SAFEGUARDS FACILITY ACCESS WITH ROLLING CODE TECHNOLOGY, OPENING FOR REGISTERED DEVICES ONLY.

**THE PROTECTOR SYSTEM®** AUTO-REVERSES THE DOOR IF AN ENTRAPMENT PROTECTION DEVICE DETECTS AN OBSTRUCTION.

UL® 325 REQUIRES ALL COMMERCIAL DOOR OPERATORS TO BE EITHER CONSTANT PRESSURE TO CLOSE OR BE EQUIPPED WITH A PRIMARY EXTERNAL MONITORED ENTRAPMENT DEVICE.

## RELIABLE

**WARRANTY 2 YEARS.**

**BEYOND INDUSTRY STANDARDS:** LIFTMASTER® IS COMMITTED TO QUALITY PRODUCTS, INNOVATIVE DESIGN AND COMPREHENSIVE SERVICES.

### OPTIONAL ACCESSORIES:

#### myQ REMOTE LED LIGHT

Operates automatically with the operator and works with the myQ App.



827LM

#### BATTERY BACKUP CAPABLE

Powers up the operator when the power's out.



485LM

#### AUTOMATIC DOOR LOCK

Deadbolts the door automatically every time it closes.



841LM

#### ALTERNATE MOUNTING KIT

Designed for doors with low headroom (less than 3 in.) or obstructions near the end of the torsion bar.



480LMB

#### LIGHT CURTAIN

Provides 36 inches of increased zone coverage for additional protection; indoor use; requires separate power source (100MAPS); max. range: 33 ft.



LC-36A

### POWERFUL ADD-ONS:

#### 1-BUTTON REMOTE CONTROL

Ideal for commercial applications requiring a large number of remotes for a common entrance.



811LM

#### WIRELESS KEYPADS

NEMA 4X (water protection requirements) sealed electronics for reliable outdoor use.



KPW5/KPW250

LiftMaster offers accessory solutions for any commercial application. View the full product lineup at [LiftMaster.com](http://LiftMaster.com)



## MASTERFUL ENGINEERING.

### MOTOR



- 12V DC
- Automatic Thermal Protection
- Permanent Lubrication
- Duty Cycle: Maximum 10 Cycles per Hour; Fewer than 25 Cycles per Day

### POWER



- 120V AC
- 60 Hz Voltage
- 1.5A Current Rating
- UL® Listed
- 6' Power Cord (3-Prong)

### COMMERCIAL-GRADE DESIGN



- **Steel Chassis and Rigid Plastic Cover**
- **Internal Chain and Sprocket Drive Mechanism** (63:1 Gear Reduction)
- **Auto-Force** Adjustment for Changing Weather and Environmental Conditions
- **Electronic Limits** for Easy Setup
- **DC Wi-Fi® Logic Board** with Built-In Surge Suppressor (for Replacement Logic Boards, Order Part 050DCJCVFSD)

## STANDARD SPECS.

### SECURITY+ 2.0®

#### RADIO CONTROLS

Operating Range: **~200'**

Optional 1-Button Remote Control (811LM)  
- Commercial Door Operator



### MAXIMUM DOOR AREA (SQ. FT.)

	MAX. HEIGHT	MAX. WIDTH	MAX. SQ. FT.
SECTIONAL	14 FT. OR 18 FT.		180 FT. TOTAL

HEADROOM CLEARANCE REQUIRED: 3 IN. FROM CENTER OF TORSION BAR

MAX. DOOR WEIGHT: 650 LBS. / 850 LBS.\*

\*BATTERY BACKUP REQUIRED.

## SHIPPING.

### SHIPPING WEIGHT

(in lbs.)



CARTON

### CARTONS (1)

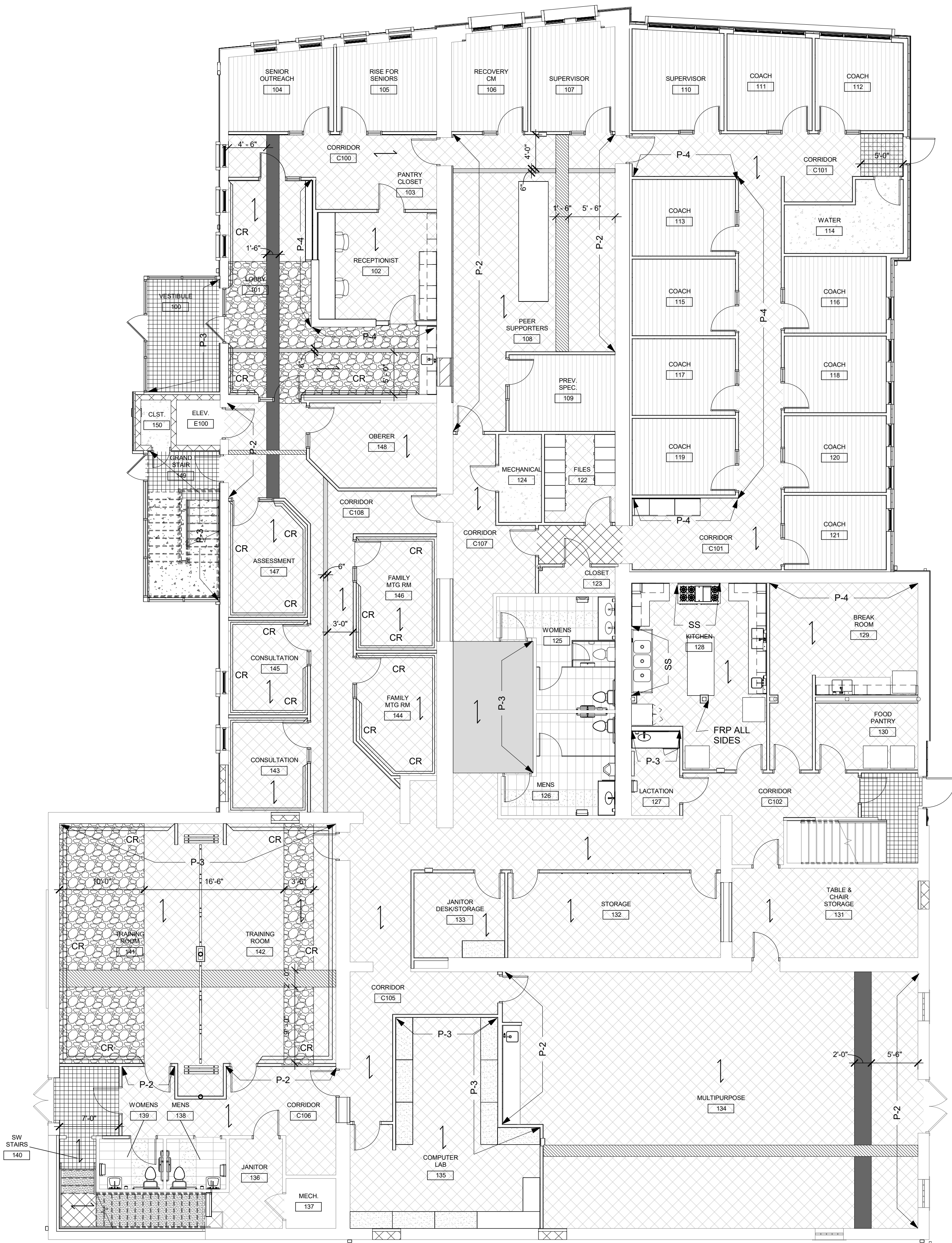
CARTON 1: 28" x 10" x 12"

- Commercial Door Operator (LJ8900W)
- Cable Tension Monitor (041A6104)
- #48 Chain and Sprocket
- Push-Button Control Station (APBS1)
- The Protector System® Safety Reversing Sensors

## LIGHT-DUTY APPLICATIONS.

The LJ8900W is for applications using smaller, lighter sectional commercial doors requiring 25 cycles or fewer per day. This operator is ideal for:

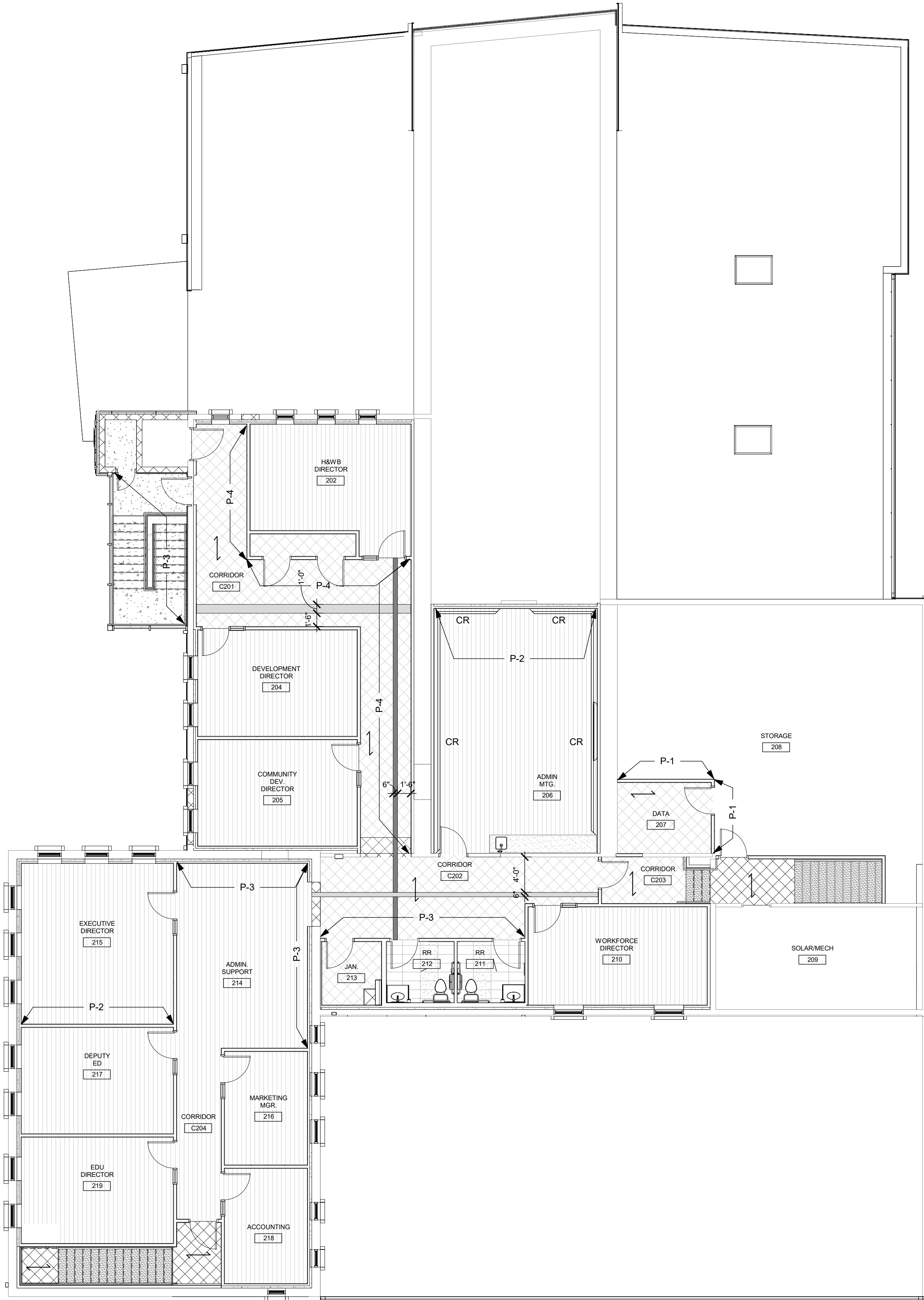
- Dock doors
- Small warehouses
- Small businesses
- Outbuildings



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

REFER TO SHEET A9.1 FOR FLOORING LEGEND





**1 SECOND FLOOR FINISH FLOOR PLAN**  
 1/8" = 1'-0"

REFER TO SHEET A9.1 FOR FLOORING LEGEND

