



## **PROCUREMENT DEPARTMENT**

**Teria G. Sheffield  
Procurement Director**

### **ADDENDUM # 3**

Date: 10/9/2024

PROPOSAL ID #2945

#### **IFB #2945 Sheriff's Office District 3 Renovation**

THE FOLLOWING INFORMATION SHALL BE INCORPORATED AS PART OF THE ABOVE MENTIONED SOLICITATION; ALL OTHER TERMS AND CONDITIONS SHALL REMAIN THE SAME. ALL INFORMATION CONTAINED IN THIS ADDENDUM SUPERSEDES AND TAKES PRECEDENCE OVER ANY CONFLICTING INFORMATION IN THE ORIGINAL BIDDING DOCUMENTS DATED MAY 09, 2024 AND ALL PRIOR ADDENDA.

#### **1. CHANGES TO PROJECT MANUAL**

##### **SPECIFICATION SECTION 01 23 00 – ALTERNATES**

**Add the following to Section 1.4:**

C.ADD Alternate No. 03: Provide new tile floor, tile base, and toilet partitions in Rooms 1215 & 1216

. ADD Alternate No. 04: Provide new tile floor, tile base, and toilet partitions in Rooms 2001 & 2002

##### **SPECIFICATION SECTION 10 21 13.17 – PHENOLIC TOILET COMPARTMENTS**

1. Added in its entirety.

##### **SPECIFICATION SECTION 11 12 00 – PARKING CONTROL EQUIPMENT**

1. Added in its entirety.

#### **2. CHANGES TO DRAWINGS**

##### **SHEET A101 – OVERALL DEMOLITION PLAN LEVEL 1**

Sheet reissued in its entirety, dated Revision A, October 09, 2024.

##### **SHEET A102 - OVERALL DEMOLITION PLAN LEVEL 2**

Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET A200 - OVERALL ARCHITECTUREAL SITE PLAN NEW WORK PLAN** Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET A203 – OVERALL ROOF PLAN**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET A601 – OVERALL REFLECTED CEILING PLAN LEVEL 1**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET A602 - OVERALL REFLECTED CEILING PLAN LEVEL 2**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET A700 – GENERAL TYP. FIXTURE AND ACCESS, HEIGHTS AND LEGENDS (ADA)**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET A701 – EQUIPMENT SCHEDULE & ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET A702 - EQUIPMENT SCHEDULE & ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET A800 – TYPICAL MILLWORK DETAILS**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET I000 – INTERIORS GENERAL**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET I200 – FLOOR FINISH PLAN LEVEL 1**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET I201 - FLOOR FINISH PLAN LEVEL 2**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET P201 - FIRST FLOOR - PLUMBING - WASTE & VENT**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**SHEET P701 - PLUMBING RISER DIAGRAMS**  
Sheet reissued in its entirety, dated Revision A, October 09, 2024.

**ENCLOSURES:**

**SPECIFICATION SECTIONS**

- SECTION 10 21 13.17 – PHENOLIC TOILET COMPARTMENTS
- SECTION 11 12 00 – PARKING CONTROL EQUIPMENT

**SHEETS / BULLETIN DRAWINGS**

A101	I000	P201	
A102	I200	P701	
A200	I201		
A203			
A601			
A700			
A701			
A702			
A800			

SECTION 10 21 13.17  
PHENOLIC TOILET COMPARTMENTS  
PART 1 GENERAL

**1.01 SECTION INCLUDES**

- A. Phenolic toilet compartments.
- B. Urinal and vestibule screens.

**1.02 RELATED REQUIREMENTS**

- A. Section 06 10 00 - Rough Carpentry: Blocking and supports.
- B. Section 10 28 00 - Toilet, Bath, and Laundry Accessories.

**1.03 REFERENCE STANDARDS**

- A. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.

**1.04 ADMINISTRATIVE REQUIREMENTS**

- A. Coordination: Coordinate the work with placement of support framing and anchors in walls and ceilings.

**1.05 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on panel construction, hardware, and accessories.
- C. Shop Drawings: Indicate partition plan, elevation views, dimensions, details of wall supports, door swings.
- D. Samples: Submit two samples of partition panels, 4 inch by 4 inch in size illustrating panel finish, color, and sheen.
- E. Manufacturer's Installation Instructions: Indicate special procedures.

PART 2 PRODUCTS

**2.01 MANUFACTURERS**

- A. Phenolic Toilet Compartments: Provide Basis-of-Design Product as indicated in Finish Schedule or comparable product by one of the following:
  - 1. ASI Accurate Partitions; \_\_\_\_\_: [www.asi-accuratepartitions.com/#sle](http://www.asi-accuratepartitions.com/#sle).
  - 2. Partition Systems
  - 3. General Partitions
  - 4. Substitutions: Section 01 60 00 - Product Requirements.

**2.02 PHENOLIC TOILET COMPARTMENTS**

- A. Toilet Compartments: Factory fabricated doors, pilasters, and divider panels made of solid phenolic core panels with integral melamine finish, floor-mounted headrail-braced.
  - 1. Color: Refer to Finish Schedule.
- B. Doors:
  - 1. Thickness: 3/4 inch.
  - 2. Width: Match to Existing .
  - 3. Height: 58 inch.
- C. Panels:
  - 1. Thickness: 1/2 inch.
  - 2. Height: 58 inch.
  - 3. Depth: Match to Existing.
- D. Pilasters:
  - 1. Thickness: 3/4 inch.

2. Width: As required to fit space; minimum 3 inch.
- E. Screens: Without doors; to match compartments; mounted to wall with two panel brackets with vertical support/bracing same as compartments.

### 2.03 ACCESSORIES

- A. Pilaster Shoes: Formed ASTM A666 Type 304 stainless steel with No. 4 finish, 3 inch high, concealing floor fastenings.
  1. Provide adjustment for floor variations with screw jack through steel saddles integral with pilaster.
- B. Head Rails: Hollow anodized aluminum, 1 inch by 1-1/2 inch size, with anti-grip profile and cast socket wall brackets.
- C. Wall and Pilaster Brackets: Polished stainless steel; manufacturer's standard type for conditions indicated on drawings.
- D. Attachments, Screws, and Bolts: Stainless steel , tamper proof type.
- E. Hardware: Polished stainless steel:
  1. Pivot hinges, gravity type, adjustable for door close positioning; two per door.
  2. Door Latch: Slide type with exterior emergency access feature.
  3. Door strike and keeper with rubber bumper; mounted on pilaster in alignment with door latch.
  4. Coat hook with rubber bumper; one per compartment, mounted on door.
  5. Provide door pull for outswinging doors.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Verify that field measurements are as indicated.
- B. Verify correct spacing of and between plumbing fixtures.
- C. Verify correct location of built-in framing, anchorage, and bracing.

### 3.02 INSTALLATION

- A. Install partitions secure, rigid, plumb, and level in accordance with manufacturer's instructions.
- B. Maintain 3/8 inch to 1/2 inch space between wall and panels and between wall and end pilasters.
- C. Attach panel brackets securely to walls using anchor devices.
- D. Attach panels and pilasters to brackets. Locate head rail joints at pilaster center lines.
- E. Field touch-up of scratches or damaged finish will not be permitted. Replace damaged or scratched materials with new materials.

### 3.03 TOLERANCES

- A. Maximum Variation From True Position: 1/4 inch.
- B. Maximum Variation From Plumb: 1/8 inch.

### 3.04 ADJUSTING

- A. Adjust and align hardware to uniform clearance at vertical edge of doors, not exceeding 3/16 inch.
- B. Adjust hinges to position doors in partial opening position when unlatched. Return out-swinging doors to closed position.
- C. Adjust adjacent components for consistency of line or plane.

END OF SECTION 10 21 13.17

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SECTION 11 12 00  
PARKING CONTROL EQUIPMENT  
PART 1 GENERAL

**1.01 SECTION INCLUDES**

- A. Parking access controls.
  - 1. Gate arm access control.
- B. Maintenance.

**1.02 RELATED REQUIREMENTS**

- A. Section 03 30 00 - Cast-in-Place Concrete: Placement of anchors and components to be embedded in concrete.
- B. Section 26 05 83 - Wiring Connections: Electrical characteristics and wiring connections.

**1.03 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on operating equipment, characteristics, limitations, and temperature range of operation.
- C. Shop Drawings: Indicate plan layout of equipment access lanes, curbing, mounting bolt dimensions, conduit and outlet locations, power requirements, and wiring diagrams.
- D. Warranty Documentation: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

**1.04 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.

**1.05 WARRANTY**

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Provide five year manufacturer warranty for operating equipment.

PART 2 PRODUCTS

**2.01 MANUFACTURERS**

- A. Parking Control Equipment:
- B. Basis of Design: Magnetic Access - Access XXL
  - 1. Guardian Access Solutions; \_\_\_\_\_: [www.guardianaccess.com/#sle](http://www.guardianaccess.com/#sle).
  - 2. Automatic Systems; \_\_\_\_\_: [www.automatic-systems.us/#sle](http://www.automatic-systems.us/#sle).
  - 3. Substitutions: See Section 01 60 00 - Product Requirements.

**2.02 DESCRIPTION**

- A. Parking Control System: Automatic operation at entrance and automatic operation at exit.
- B. Provide protection against interference or damage by lightning or other electrical influences; include fuse, over-voltage protection, flash-over protection, and line filter.
- C. Entry: Automatic parking access control system is activated upon detection of coded card.
- D. Exit: Automatic parking access control system is activated upon detection of vehicle by sensing loop in pavement.

**2.03 REGULATORY REQUIREMENTS**

- A. Comply with applicable code and requirements of authorities having jurisdiction for emergency vehicle access.
- B. Products Requiring Electrical Connection: Listed and classified by ITS (DIR), UL (DIR), or testing firm acceptable to authorities having jurisdiction as suitable for purpose specified.

#### **2.04 PERFORMANCE CRITERIA**

- A. Operating Temperature: Minus 20 to 140 degrees F.
- B. Humidity: 15 to 95 percent RH noncondensing.

#### **2.05 PARKING ENTRY/EXIT COMPONENTS**

- A. Gate Arm - Entry and Exit Control: Provide equipment listed and labeled in compliance with UL 325 safety standards of gate operators.
  - 1. Classification: Class III - Industrial/Limited Access, vehicular gate operator with gate arm access control complying with UL 325.
  - 2. Controls: Mechanism in compliance with UL 325 safety standards of gate operators, with cadmium coated steel components to raise and lower arm by instant reversing electric motor, enclosed speed reducer operated by self contained, plug-in replaceable controller with slip clutch to prevent breakage if arm is forced, and to permit manual operation and arm movement to stop and start at reduced speed if required.
    - a. Activate automatic arm reversing switch if an obstacle is sensed when in downward motion.
    - b. Maintain gate arm in raised position until vehicle clears control area.
  - 3. Control Cabinet: Steel, at least 14 gauge, 0.075 inch thick, with weather-tight seams and gaskets; thermally insulated to permit heater to maintain cabinet temperature to equipment operating minimum, flush access doors and panels, tamper proof hardware, master keyed locks, and concealed mounting bolts located inside of units.
  - 4. Gate Arm, Articulating: Aluminum, articulating arm with internal counterbalance, rubber bottom safety edge, and automatic arm reversing switch.
  - 5. Gate Arm Length: 30 feet.
  - 6. Gate Arm Height: Locate top of gate arm in down position at not more than 35 inches above pavement.
  - 7. Gate Arm Finish: Two coats of reflective enamel based paint with black and white diagonal stripes on both sides of arm.
  - 8. Pivot, Limit Stops, and Counterbalancing: Galvanized steel construction, enclosed in arm clamp, with oil impregnated bronze bearing.
  - 9. Gate Arm Support Post: Steel section; 37 inches high, 6 inches square, with 10 gauge, 0.135 inch minimum wall thickness; with welded and sealed steel post cap and base plate.
    - a. Finish: Baked enamel on steel, color as selected by Architect.
  - 10. Gate Arm End Post: Steel section; 37 inches high, 2 inch square, with 10 gauge, 0.135 inch minimum wall thickness; with alignment bracket, closed cap and base plate.
    - a. Finish: Baked enamel on steel, color as selected by Architect.

#### **2.06 VEHICLE DETECTION**

- A. Vehicle Detection: For use in temperature range of minus 40 to 160 degrees F; consisting of detection unit in conjunction with infrared scanner to activate parking revenue control device or access control device when vehicle enters or exits.
- B. Infrared Scanner: Active infrared detectors mounted adjacent to vehicle entry and exit locations.

#### **2.07 MATERIALS**

- A. Aluminum: Extruded aluminum in compliance with ASTM B221 or ASTM B221M.

### **PART 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Verify that anchor bolts are ready to receive this work and dimensions are as required by manufacturer.
- B. Verify that electric connections are properly located and have necessary characteristics.

#### **3.02 INSTALLATION**

- A. Install parking control system and components in accordance with manufacturer's instructions and in compliance with requirements.
- B. Install internal electrical wiring, conduit, junction boxes, transformers, circuit breakers, and auxiliary components as required.

**3.03 ADJUSTING**

**3.04 MAINTENANCE**

- A. Provide service and maintenance of operating equipment for a period of two years from Date of Substantial Completion.

END OF SECTION 11 12 00

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# YORK COUNTY, SC DISTRICT 3 SHERIFF'S OFFICE

100% CONSTRUCTION DOCUMENTS

236 NORTHPARK DRIVE, ROCK HILL, SC 29730

DRAWING LIST	
GENERAL	
G000	COVER, DRAWING LIST & ABBREVIATIONS
CIVIL	
C001	SITE PLAN
Structural	
S200	STRUCTURAL PLAN AND DETAILS
ARCHITECTURAL	
A001	OVERALL LIFE SAFETY PLAN LEVEL 1
A002	OVERALL LIFE SAFETY PLAN LEVEL 2
A101	OVERALL DEMOLITION PLAN LEVEL 1
A102	OVERALL DEMOLITION PLAN LEVEL 2
A200	OVERALL ARCHITECTURAL SITE NEW WORK PLAN
A201	OVERALL FLOOR PLAN LEVEL 1
A202	OVERALL FLOOR PLAN LEVEL 2
A203	OVERALL ROOF PLAN
A300	BUILDING ELEVATIONS
A301	BUILDING ELEVATIONS
A400	WALL TYPES
A401	UL DETAIL - U445
A401	OVERALL REFLECTED CEILING PLAN LEVEL 1
A402	OVERALL REFLECTED CEILING PLAN LEVEL 2
A700	GENERAL TYP. FIXTURE AND ACCESS, HEIGHTS AND LEGENDS (ADA)
A701	EQUIPMENT SCHEDULE & ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
A702	EQUIPMENT SCHEDULE & ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
A800	TYPICAL MILLWORK DETAILS
A801	TYPICAL DETAILS
A900	DOOR PANELS, FRAME TYPES & SCHEDULES
INTERIORS	
I000	INTERIORS GENERAL
I200	FLOOR FINISH PLAN LEVEL 1
I201	FLOOR FINISH PLAN LEVEL 2
I500	FURNITURE PLAN LEVEL 1
I501	FURNITURE PLAN LEVEL 2
I600	INTERIOR SIGNAGE
I601	SIGNAGE PLAN LEVEL 1
I602	SIGNAGE PLAN LEVEL 2
HVAC	
H000	HVAC SYMBOLS LEGEND AND CONTRACTOR NOTES
H001	ENERGY CODE COMPLIANCE REPORT AND VENTILATION CALCULATIONS
H100	FIRST FLOOR HVAC DEMOLITION PLAN
H101	SECOND FLOOR HVAC DEMOLITION PLAN
H102	ROOF HVAC DEMOLITION PLAN
H200	FIRST FLOOR HVAC NEW WORK PLAN
H201	SECOND FLOOR HVAC NEW WORK PLAN
H202	ROOF HVAC NEW WORK PLAN
H300	FIRST FLOOR HVAC PIPING NEW WORK PLAN
H301	SECOND FLOOR HVAC PIPING NEW WORK PLAN
H500	HVAC CONTROLS SCHEMATICS
H800	HVAC DETAILS
H801	DETAILS CONTINUED
H900	HVAC SCHEDULES
PLUMBING	
P000	PLUMBING LEGEND, NOTES, & SYSTEM DIAGRAMS
P101	FIRST FLOOR - PLUMBING - DEMOLITION
P102	SECOND FLOOR - PLUMBING - DEMOLITION
P201	FIRST FLOOR - PLUMBING - WASTE & VENT
P202	SECOND FLOOR - PLUMBING - WASTE & VENT
P301	FIRST FLOOR - PLUMBING - WATER
P302	SECOND FLOOR - PLUMBING - WATER
P701	PLUMBING RISER DIAGRAMS
P801	PLUMBING DETAILS
ELECTRICAL	
E000	ELECTRICAL SYMBOLS LEGEND, NOTES & SYSTEM DIAGRAMS
E050	ELECTRICAL - SITE PLAN
E100	ELECTRICAL - LEVEL 1 - DEMOLITION PLAN
E101	ELECTRICAL - LEVEL 2 - DEMOLITION PLAN
E200	ELECTRICAL - LEVEL 1 - POWER PLAN
E201	ELECTRICAL - LEVEL 2 - POWER PLAN
E300	ELECTRICAL - LEVEL 1 - LIGHTING PLAN
E301	ELECTRICAL - LEVEL 2 - LIGHTING PLAN
E400	ELECTRICAL - LEVEL 1 - SYSTEMS PLAN
E401	ELECTRICAL - LEVEL 2 - SYSTEMS PLAN
E500	ELECTRICAL - LEVEL 1 - EQUIPMENT CONNECTION PLAN
E501	ELECTRICAL - LEVEL 2 - EQUIPMENT CONNECTION PLAN
E502	ELECTRICAL - ROOF - EQUIPMENT CONNECTION PLAN
E900	ELECTRICAL SCHEDULES



CPL | Architecture Engineering Planning  
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**PROJECT INFORMATION**

Project Number: R23.00720.00

Client Name: YORK COUNTY, SC

Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTHPARK DRIVE, ROCK HILL, SC 29730

Project Address: 236 NORTHPARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

No.	Date	Description
1	07/03/2024	JUNE ROCK HILL COMMENTS

**PROJECT ABBREVIATIONS**

A	ABOVE FINISHED FLOOR	DP	DAMP PROOFING	FS	FULL SIZE	LDR	LEADER	PVC	POLYVINYL CHLORIDE	TYP	TYPICAL
AFF	ACCESS PANEL	DEMO	DEMOLISH	G	GRAB BAR	LH	LEFT HAND	PC CONC	PRECAST CONCRETE	U	UNFINISHED
AP	ACOUSICAL	DEPT	DEPARTMENT	LIB	LIBRARY	LJ	LEFT JOINT	PRE FAB	PREFABRICATED	UNFIN	UNFINISHED
ACOUS	ACOUSICAL	DET.DTL	DETAIL	LT	LIGHT	MACH	MACHINE	PT	PRESSURE TREATED	UNO	UNLESS NOTED OTHERWISE
ACT	ACOUSICAL CEILING TILE	DIAM	DIAMETER	LW	LIGHT WEIGHT	MH	MAN HOLE	PL	PROPERTY LINE	URINAL	URINAL
AWP	ACOUSICAL WALL PANEL	DIM	DIMENSION	GA	GAUGE	MCH	MAN HOLE COVER	QTY	QUANTITY	V	VEENEER
ADJ	ADJACENT	DSP	DISPENSER	W	WALL	MFR	MANUFACTURER	R	RADIUS	VIF	VERIFY IN FIELD
A/C	AIR CONDITIONING	GL	GLASS GLAZING	GEN	GENERAL	MAS	MASONRY	REC	RECEPTACLE	VEST	VESTIBULE
ALT	ALTERNATE	GR	GRASS GRADING	GC	GENERAL CONTRACTOR	MO	MASONRY OPENING	REF	REFERENCE	VOL	VOLUME
ALUM	ALUMINUM	DBL	DOUBLE	MACH	MACHINE	MAT	MATERIALS	REFR	REFRIGERATOR	W	WATER CLOSET
AB	ANCHOR BOLT	DN	DOWN	MFR	MANUFACTURER	MAX	MAXIMUM	REIN	REINFORCING	WT	WEIGHT
ANODZ	ANODIZED	DS	DOWNSPOUT	GR	GRADE GRADING	MECH	MECHANICAL	REQ'D	REQUIRED	WWF	WELDED WIRE FABRIC
APPROX	APPROXIMATE	DT	DRAIN TILE	GSF	GROSS SQUARE FOOT	MEQ	MISCELLANEOUS	REV	REVISED	WWM	WELDED WIRE MESH
ARCH	ARCHITECT, ARCHITECTURAL	DWR	DRAWER	GYP	GYPSPUM	MET	METAL	RH	RIGHT HAND	W	WEST
AD	AREA DRAIN	DF	DRINKING FOUNTAIN	GYP BD	GYPSPUM BD	ML	METAL	R	RISER	WJ	WITH
ACM	ASBESTOS CONTAINING MATERIAL	DS	DOWNSPOUT	GYP WB	GYPSPUM WALL BOARD	M	METER	RD	ROOF DRAIN	W/O	WITHOUT
@	AT	DWG	DRAWING	H	HARDWARE	MEZZ	MEZZANINE	RM	ROOM	WD	WOOD
AUTO	AUTOMATIC	EA	EACH	HWDR	HARDWOOD	MIN	MINIMUM	RO	ROUGH OPENING	YD	YARD
B	BEARING PLATE	EF	EACH FACE	HWWD	HARDWOOD	MISC	MISCELLANEOUS	SAN	SANITARY		
BM	BENCH MARK	EW	EACH WAY	HVAC	HEATING, VENTILATING & AIR CONDITIONING	MSTR	MOISTURE RESISTANT	SCHED	SCHEDULE		
BTUM	BITUMINOUS	FAST	FAST	HT, HGT	HEIGHT	MNTD	MOUNTED	SEC	SECOND		
BLK	BLOCK	ELEV	ELEVATION	HT, HGT	HEIGHT	N	NATURAL	SECT	SECTION		
BLKG	BLOCKING	EL	ELEVATOR	HEX	HEXAGONAL	NAT	NATURAL	SM	SIMILAR		
BD	BOARD	EMER	EMERGENCY	HWY	HIGHWAY	NCR	NOISE REDUCTION COEFFICIENT	SSM	SOLID SURFACE MATERIAL		
BOT	BOTTOM	ENCL	ENCLOSURE	HM	HOLLOW METAL	NOM	NOMINAL	STC	SOUND TRANSMISSION COEFFICIENT		
BRK	BRICK	ENTR	ENTRANCE	HORZ	HORIZONTAL	NIC	NOT IN CONTRACT	SPEC	SPECIFICATION		
BUDG	BUILDING	EQ	EQUAL	HB	HOSE BIBB	NTS	NOT TO SCALE	SG	SQUARE		
BN	BULLNOSE	EQUIP	EQUIPMENT	HW	HOT WATER	NO. #	NUMBER	SGFT	STRUCTURAL GLAZED FACING TILE		
C	CABINET	EST	ESTIMATE(D)	HR	HOUR	INSUL	INSULATION	STL	STRUCTURAL STEEL		
CAB	CABINET	EXHST	EXHAUST	INT	INTERIOR	INT	INTERIOR	STRUC	STRUCTURE, STRUCTURAL		
CI	CAST IRON	EXIST	EXISTING	INT	INTERIOR	INT	INTERIOR	SUSP	SUSPENDED		
CB	CATCH BASIN OR CHALK BOARD	EXP	EXPANSION	INT	INTERIOR	INT	INTERIOR	SAT	SUSPENDED ACOUSTICAL TILE		
CLG	CEILING	EXP	EXPANSION JOINT	INT	INTERIOR	INT	INTERIOR	T	TELEPHONE		
CLG HT	CEILING HEIGHT	FAB	FABRICATE	INT	INTERIOR	INT	INTERIOR	TEMP	TEMPERATURE		
CL	CENTER LINE	FIG	FIGURE	INT	INTERIOR	INT	INTERIOR	THK	THICKNESS		
CER	CERAMIC	FIN	FINISH	INT	INTERIOR	INT	INTERIOR	TPD	TOILET PAPER DISPENSER		
CIRC	CIRCUMFERENCE	FIN	FINISH FLOOR	INT	INTERIOR	INT	INTERIOR	TOS	TOP OF SLAB/STEEL		
CO	CLEAN OUT	FIRE	FIRE HOSE	INT	INTERIOR	INT	INTERIOR	TOW	TOP OF WALL		
CLR	CLEAR	FT	FEET	INT	INTERIOR	INT	INTERIOR				
COL	COLUMN	FTG	FOOTING	INT	INTERIOR	INT	INTERIOR				
CONC	CONCRETE	FD	FLOOR DRAIN	INT	INTERIOR	INT	INTERIOR				
CMU	CONCRETE MASONRY UNIT	CONTR	CONTRACTOR	INT	INTERIOR	INT	INTERIOR				
CONST	CONSTRUCTION	CONTR	CONTRACTOR	INT	INTERIOR	INT	INTERIOR				
CJT	CONSTRUCTION JOINT	CONTR	CONTRACTOR	INT	INTERIOR	INT	INTERIOR				
CONT	CONTINUOUS	CONTR	CONTRACTOR	INT	INTERIOR	INT	INTERIOR				
CONTR	CONTRACTOR	CONTR	CONTRACTOR	INT	INTERIOR	INT	INTERIOR				
CJ	CONTROL JOINT	CONTR	CONTRACTOR	INT	INTERIOR	INT	INTERIOR				

EARTH	BRICK	RIGID INSULATION	1 HR RATING
GYPSPUM BOARD	STEEL	BATT OR LOOSE INSULATION	2 HR RATING
GRAVEL TYPE 1 (ENGINEERED FILL)	GROUT	CAVITY DRAINAGE MAT	SMOKE RATING
PRECAST CONCRETE	ROUGH WOOD BLOCKING	ALUMINIUM	EXISTING BUILDING MATERIALS
CRUSHED STONE	ROUGH WOOD BLOCKING, NON-CONTINUOUS	STANDING SEAM ROOF	
CONCRETE MASONRY UNIT (CMU)	WOOD, FINISHED WOODWORK	CONCRETE, POURED	
METAL STUD PARTITION	PLYWOOD (LARGE SCALE)	TERRAZZO	

**ENGINEER - MEP + STRUCTURAL**

CPL | Architecture Engineering Planning  
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Greenville, SC 29601  
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**ARCHITECT**

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Charlotte, NC 28210  
T. 704.331.9131  
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**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: Scale: 1/4" = 1'-0"  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn by: CPL Checked by: CPL  
Drawing Title: COVER, DRAWING LIST & ABBREVIATIONS  
Drawing Number:

G000

- Design/System/Construction/Assembly Usage Disclaimer
- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system devices, and materials.
  - Authorities Having Jurisdiction should be consulted before construction.
  - Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot allow every construction nuance encountered in the field.
  - When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
  - Only products which bear UL's Mark are considered Certified.

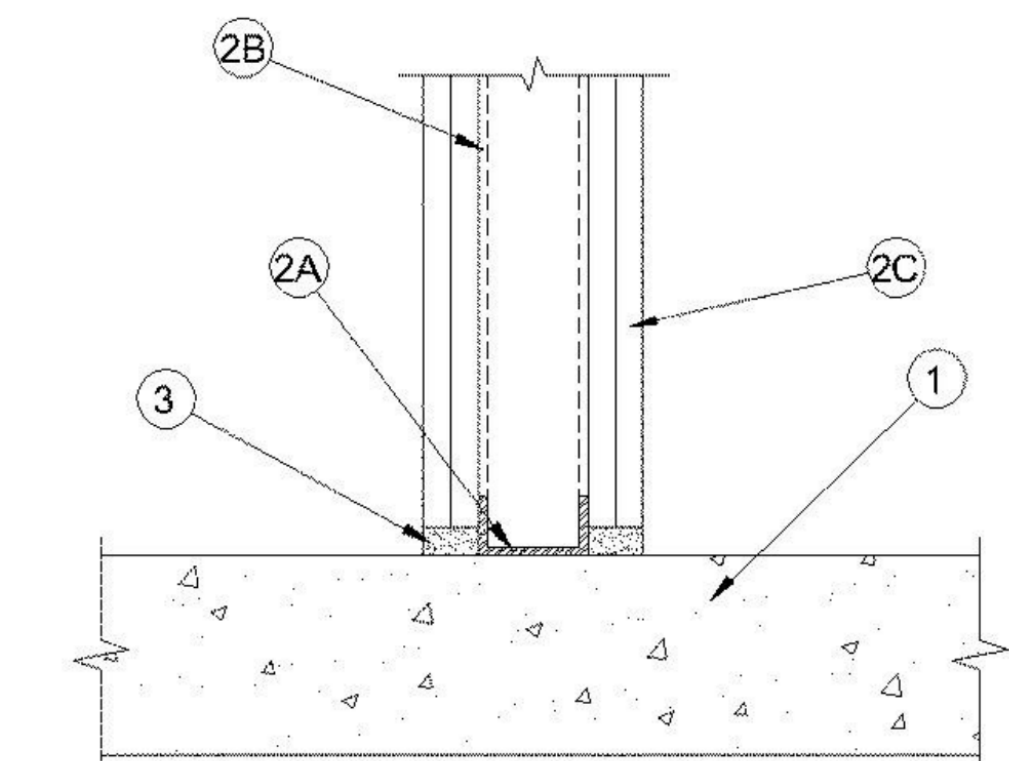
XHBN - Joint Systems  
 XHBN7 - Joint Systems Certified for Canada

See General Information for Joint Systems  
 See General Information for Joint Systems Certified for Canada

System No. BW-S-0001

January 26, 2015

ANSI/UL2079	CAN/ULC 5115
Assembly Ratings — 1 and 2 Hr (See Item 2)	F Ratings — 1 and 2 Hr (See Item 2)
Nominal Joint Width - 3/4 in.	FT Ratings — 1 and 2 Hr (See Item 2)
L Rating at Ambient — Less than 1 CFM/Lin Ft	PH Ratings — 1 and 2 Hr (See Item 2)
L Rating at 400° F — Less than 1 CFM/Lin Ft	PTH Ratings — 1 and 2 Hr (See Item 2)
	Nominal Joint Width - 3/4 in.
	L Rating at Ambient — Less than 1 CFM/Lin Ft
	L Rating at 400° F — Less than 1 CFM/Lin Ft



- 1. Floor Assembly** — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-100 pcf or 1600-2400 kg/m³) structural concrete. Floor may also be constructed of any 6 in. (152 mm) thick UL Classified hollow-core Precast Concrete Units.  
See Precast Concrete Units category in the Fire Resistance Directory for names of manufacturers.
- 2. Wall Assembly** — The 1 or 2 hr fire-rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400 or V400 Series Wall or Partition Design in the UL Fire Resistance Directory. In addition, the wall may incorporate a head-of-wall joint system constructed as specified in the HW Series Joint Systems in the UL Fire Resistance Directory. The wall shall include the following construction features:
  - A. Steel Floor Runner** — Floor runners of wall assembly shall consist of min No. 25 gauge galv steel channels sized to accommodate steel studs (Item 2B). Floor runners to be provided with min 1-1/4 in. (32 mm) flanges. Runners secured with steel fasteners spaced 12 in. (305 mm) OC.
  - B. Studs** — Steel studs to be min 2-1/2 in. (64 mm) wide. Studs cut 1/2 to 3/4 in. (13 to 19 mm) less in length than assembly height with bottom nesting in resting on and fastened to floor runner with sheet metal screws. Stud spacing not to exceed 24 in. (610 mm) OC.
  - C. Gypsum Board** — Gypsum board installed to a min total thickness of 5/8 or 1-1/4 in. (16 or 32 mm) on each side of wall for 1 or 2 hr rated wall, respectively. Wall to be constructed as specified in the individual U400 or V400 Series Design in the UL Fire Resistance Directory, except that a max 3/4 in. (19 mm) gap shall be maintained between the bottom of gypsum board and top of concrete floor. The hourly fire rating of the joint system is equal to the hourly fire rating of the wall.
- 3. Fill, Void or Cavity Material Sealant** — Max separation between top of floor and bottom of gypsum board is 3/4 in. (19 mm). For 1 and 2 hr rated wall assemblies, min 5/8 in. or 1-1/4 in. (16 or 32 mm) thickness of fill material, respectively, installed on each side of the wall between the bottom of the gypsum board and the top of the concrete floor. Flush with each

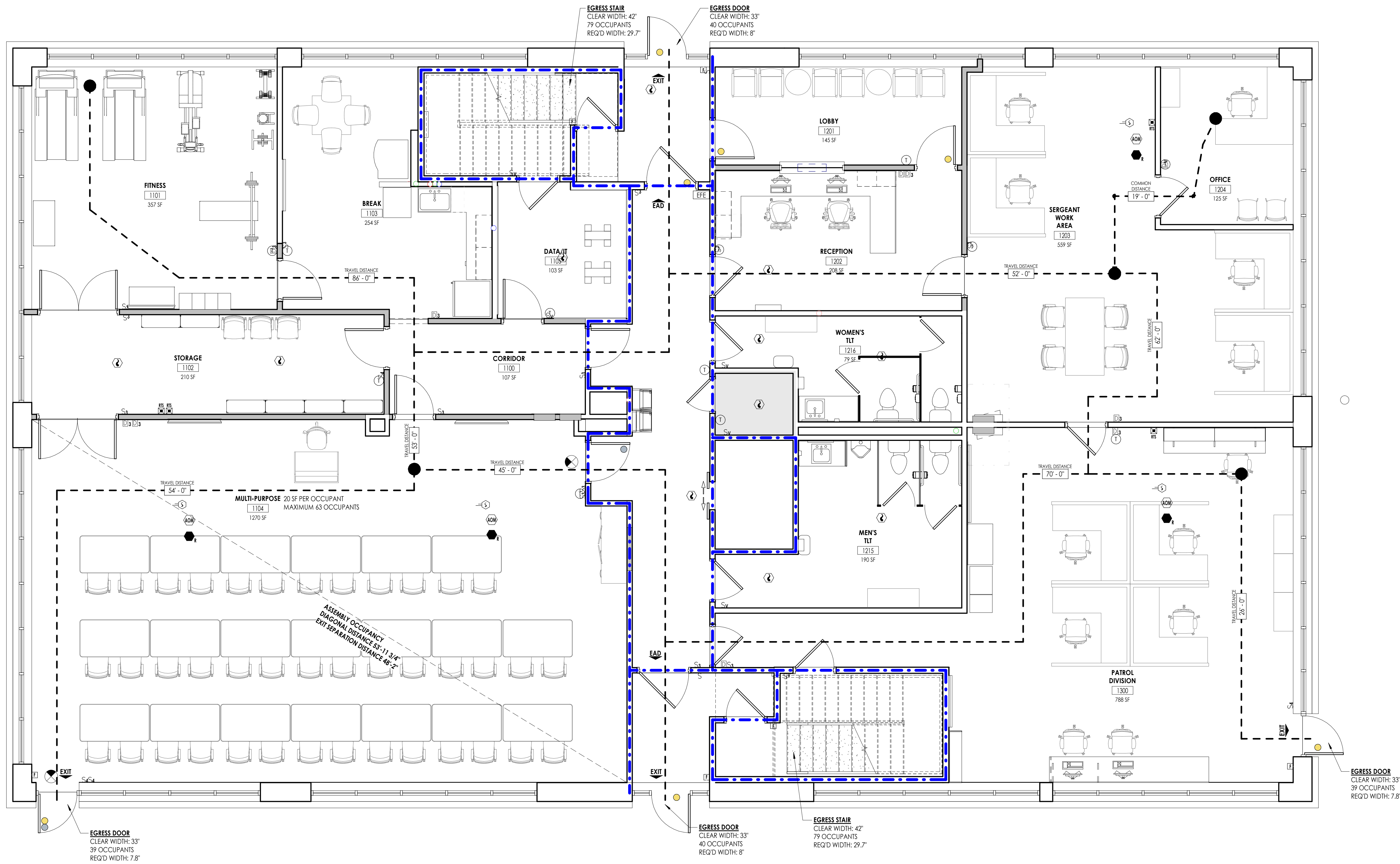
surface of the wall.  
 HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — C9015 Elastomeric Firestop Sealant, C9006 Flexible Firestop Sealant, CFS-5 SL, GG, FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2015-01-26

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow-Up Service. Always look for the Mark on the product.

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### LIFE SAFETY SYMBOL LEGEND

	ACCESSIBLE BUILDING ENTRANCE
	EXIT
	EXIT UNITS
	EXIT ACCESS DOOR
	EXIT DISCHARGE
	HORIZONTAL EXIT
	EXIT SIGN
<b>ROOM NAME</b> 	ROOM NAME
	ROOM NUMBER
	ROOM AREA
	OCCUPANT LOAD FACTOR
	OCCUPANT LOAD
<b>STAIR</b> 	PROVIDED WIDTH
	REQUIRED WIDTH
	ANTICIPATED LOAD
<b>DOOR</b> 	CLEAR WIDTH
	REQUIRED WIDTH
	ANTICIPATED LOAD
	AREA OF REFUGE
	RESCUE WINDOW
	TRAVEL DISTANCE TO EXIT
	COMMON PATH OF EGRESS DISTANCE
	MAXIMUM TRAVEL DISTANCE TO EXIT
	MAXIMUM COMMON PATH OF EGRESS
	DEAD END DISTANCE
	NON-RATED SMOKE TIGHT BARRIER
	1 HOUR FIRE RATED & SMOKE BARRIER
	1 HOUR RATED FIRE PARTITION
	1 HOUR RATED FIRE BARRIER
	2 HOUR RATED FIRE BARRIER
	2 HOUR RATED BUILDING SEPARATION
	SUITES
	STOREFRONT IN SMOKE PARTITION
	EXIT ACCESS CORRIDOR
<b>EXISTING</b> 	EXISTING FIRE EXTINGUISHER/HOSE CABINET CONDITIONS
<b>NEW</b> 	NEW FIRE EXTINGUISHER/HOSE CABINET CONDITIONS
	PUBLIC TELEPHONE
	ACCESSIBLE PUBLIC TELEPHONE
	1 HR RATED FLOOR ASSEMBLY - UL-D902
	2 HR RATED FLOOR ASSEMBLY - UL-D902
	FIRE SHUTTERS
	DOOR WITH CARD READER
	DOOR WITH PANIC HARDWARE
	NOT IN SCOPE

**PROJECT INFORMATION**  
 Project Number: R23.00720.00  
 Client Name: YORK COUNTY, SC  
 Project Name: DISTRICT 3 SHERIFF'S OFFICE  
 Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**  
 Date: Description:

**PROFESSIONAL STAMPS**

FRANCISCA M. WILSON  
 ARCHITECT  
 STATE OF SOUTH CAROLINA  
 PROFESSIONAL ARCHITECT

FRANCISCA M. WILSON  
 ARCHITECT  
 STATE OF SOUTH CAROLINA  
 PROFESSIONAL ARCHITECT

**SHEET INFORMATION**  
 Name: Scale: As indicated  
 Date: 05/09/2024  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: NDS Checked By: R  
 Drawing Title: OVERALL LIFE SAFETY PLAN LEVEL 1  
 Drawing Number:

XHBN.HW-D-0020 - Joint Systems

Design/System/Construction/Assembly Usage Disclaimer

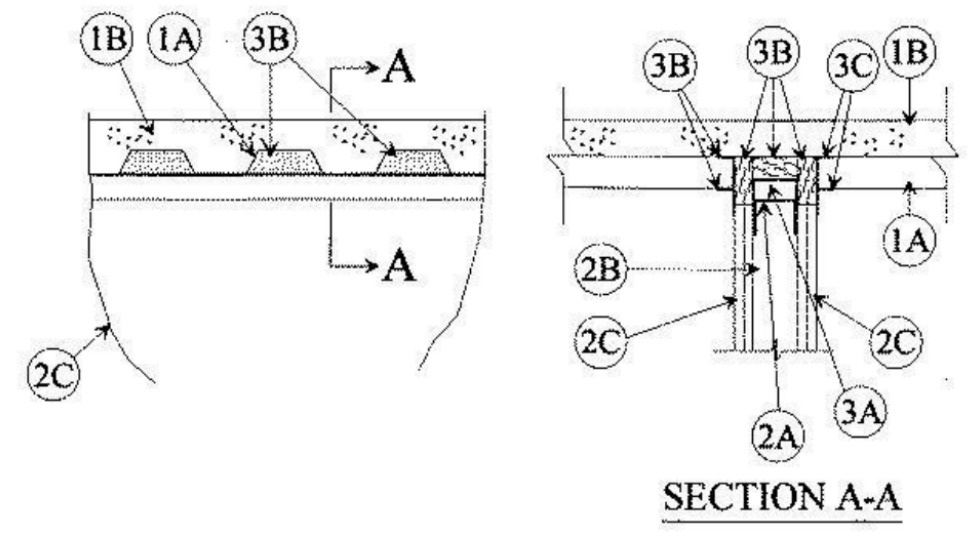
- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, systems, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

XHBN - Joint Systems  
XHBN7 - Joint Systems Certified for Canada

See General Information for Joint Systems  
See General Information for Joint Systems Certified for Canada

System No. HW-D-0020  
January 23, 2018

ANSI/UL2079	CAN/ULC 5115
Assembly Ratings — 1 and 2 Hr (See Items 2 and 3B)	F Ratings — 1 and 2 Hr (See Items 2 and 3B)
Nominal Joint Width - 1 in.	FT Ratings — 1 and 2 Hr (See Items 2 and 3B)
Class II Movement Capabilities — 25% Compression or Extension	FR Ratings — 1 and 2 Hr (See Items 2 and 3B)
L Rating At Ambient — Less Than 1 CFM/sq ft (See Item 3C)	FIH Ratings — 1 and 2 Hr (See Items 2 and 3B)
L Rating At 400 F — Less Than 1 CFM/sq ft (See Item 3C)	Nominal Joint Width - 25 mm
	Class II Movement Capabilities — 25% Compression or Extension
	L Rating At Ambient — Less Than 1.55 L/sq m (See Item 3C)
	L Rating At 400 F — Less Than 1.55 L/sq m (See Item 3C)



- Floor Assembly** — The fire-rated fluted steel deck/concrete floor assembly shall be constructed of the materials and in the manner described in the individual D700 or D900 Series Floor Ceiling Design in the UL Fire Resistance Directory and shall include the following construction features:
  - Steel Floor And Form Units\*** — Max 3 in. (76 mm) deep galv steel fluted floor deck.
  - Spray Applied Fire Resistive Material\*** — (Optional, Not Shown) — Prior to the installation of the Deflective Channel, Forming Material and Fill, Void or Cavity Material (Items 3A, 3B, 3C), the steel floor units may be sprayed with a min 5/16 in. (8 mm) thickness to max 1/16 in. (18 mm) thickness of fire resistive material.
  - Concrete** — Min 2-1/2 in. (64 mm) thick reinforced concrete, as measured from the top plane of the floor units.

- Roof Assembly** — (Not Shown) — As an alternate to the floor assembly, a fire rated fluted steel deck roof assembly may be used. The roof assembly shall be constructed of the materials and in the manner described in the individual P900 Series Roof-Ceiling Design in the UL Fire Resistance Directory. The hourly rating of the roof assembly shall be equal to or greater than the hourly rating of the wall assembly. The roof assembly shall include the following construction features:
  - Steel Roof Deck** — Max 3 in. (76 mm) deep galv steel fluted roof deck.
  - Roof Insulation** — Max 2-1/4 in. (57 mm) thick poured insulating concrete, as measured from the top plane of the floor units.

- Wall Assembly** — The 1 or 2 hr fire rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner described in the individual U400, V400 or W400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
  - Steel Floor And Ceiling Runners** — Floor and ceiling runners of wall assembly shall consist of galv steel channels sized to accommodate steel studs (Item 2B). When optional deflection channel (Item 3A) is used, ceiling runner to be provided with 3 in. (76 mm) flange. Ceiling runner installed within the deflection channel with 1 in. (25 mm) gap maintained between the top of ceiling runner and top of deflection channel. When deflection channel is not used, flange height of ceiling runner shall be min 3/4 in. (19 mm) greater than room joint width. Ceiling runner is installed perpendicular to direction of fluted steel deck and secured to valleys with steel masonry anchors spaced max 12 in. (305 mm) OC. When optional spray-applied fire resistive material is used on the steel deck and when

deflection channel is not used, ceiling runner secured through spray-applied material to each valley of steel deck with min 3/16 in. (5 mm) diam steel masonry anchors spaced max 12 in. (305 mm) OC.

- Light Gauge Framing\* — Slotted Ceiling Runner** — As an alternate to the ceiling runner in Item 2A, slotted ceiling runner to consist of galv steel channel with slotted flanges sized to accommodate steel studs (Item 2B). Slotted ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys with steel masonry anchors spaced max 24 in. (610 mm) OC. When slotted ceiling runner is used, deflection channel (Item 3A) shall not be used. When optional spray-applied fire resistive material is used on the steel deck, slotted ceiling runner secured through spray-applied material to each valley of steel deck with min 3/16 in. (5 mm) diam steel masonry anchors spaced max 12 in. (305 mm) OC.

CALIFORNIA EXPANDED METAL PRODUCTS CO. — CST

CLARKDIETRICH BUILDING SYSTEMS — Type S11, S17-H

KONSDIETECH FIBRACOR CORP BUILDING PRODUCTS DIV. — SPT250, SPT300

MARINO, WARE, DIV OF WARE INDUSTRIES INC. — Type S17

METAL-LITE INC. — The System

OLMAN SUPPLY INC. — ST250, ST300

R & P SUPPLY — SCT250, SCT300

RAM SALES L.L.C. — RAM Slotted Track

SCAFCO STEEL STUD MANUFACTURING CO. — Steer Slotted Ceiling Runner

TELLING INDUSTRIES L.L.C. — True-Action Deflection Track

- Light Gauge Framing\* — Floor and Ceiling Runners** — As an alternate to the ceiling and floor runners in Item 2A, 2A1 and 2A2, floor and ceiling runners to consist of galv steel channel sized to accommodate the **Light Gauge Framing\* Slotted Stud** (Item 2B1) or **Light Gauge Framing\* Slider-C-Clip System** (Item 2B2). Floor and ceiling runners to be provided with min 1-1/4 in. and 3 in. (32 and 76 mm) flanges, respectively. Ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys with steel masonry anchors spaced max 12 in. (305 mm) OC. When ceiling runner is used, deflection channel (Item 3A) shall not be used. When optional spray-applied fire resistive material is used on the steel deck, ceiling runner is secured through spray-applied material to each valley of steel deck with min 3/16 in. (5 mm) diam steel masonry anchors spaced max 12 in. (305 mm) OC.

- Light Gauge Framing\* — Notched Ceiling Runner** — As an alternate to the ceiling runners in Items 2A through 2A3, notched ceiling runners to consist of C-shaped galv steel channel with notched return flanges sized to accommodate steel studs (Item 2B). Notched ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys with steel masonry anchors spaced max 24 in. (610 mm) OC. When notched ceiling runner is used, deflection channel (Item 3A) shall not be used. When optional spray-applied fire resistive material is used on the steel deck, ceiling runner is secured through spray-applied material to each valley of steel deck with min 3/16 in. (5 mm) diam steel masonry anchors spaced max 12 in. (305 mm) OC.

deck, notched ceiling runner secured through spray-applied material to each valley of steel deck with min 3/16 in. (5 mm) diam steel masonry anchors spaced max 12 in. (305 mm) OC.

- Light Gauge Framing\* — Floor and Ceiling Runners** — As an alternate to the ceiling and floor runners in Item 2A, through 2A4, floor and ceiling runners to consist of galv steel channel sized to accommodate the **Light Gauge Framing\* Slotted Stud** (Item 2B1). Floor and ceiling runners to be provided with min 1-1/4 in. flanges. Ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys with steel masonry anchors spaced max 12 in. (305 mm) OC. When ceiling runner is used, deflection channel (Item 3A) shall not be used. When optional spray-applied fire resistive material is used on the steel deck, ceiling runner is secured through spray-applied material to each valley of steel deck with min 3/16 in. (5 mm) diam steel masonry anchors spaced max 12 in. (305 mm) OC.

CALIFORNIA EXPANDED METAL PRODUCTS CO. — ViperStud™

- Studs** — Steel studs to be min 3-1/2 in. (89 mm) wide. Studs cut 1/2 to 3/4 in. (13 to 19 mm) less in length than assembly height with bottom resting in and resting on floor runner and with top resting in ceiling runner without attachment. When slotted ceiling runner (Item 2A1) is used, steel studs secured to slotted ceiling runner with No. 8 by 1/2 in. (13 mm) long waffle head steel screws at midheight of slot on each side of wall. Stud spacing not to exceed 24 in. (610 mm) OC.

- Light Gauge Framing\* — Slotted Stud** — Slotted steel stud to be used in conjunction with **Light Gauge Framing\* — Floor and Ceiling Runners** (Item 2A3). Slotted studs to be min 3-1/2 in. (89 mm) wide. Slotted steel studs cut 1 in. (25 mm) less in length than assembly height with bottom resting in and secured to both ceiling and floor runners. Ceiling runner secured to perforated slot within steel stud by means of No. 10 by 3/4 in. (19 mm) long low profile head steel screw. Floor runner attached to bottom of steel stud by means of No. 8 by 1/2 in. (13 mm) long waffle head steel screw. Slotted steel stud spacing not to exceed 24 in. (610 mm) OC.

STEELER INC. — Slotted Stud

- Light Gauge Framing\* — Slider-C-Clip System** — As an alternate to the **Light Gauge Framing\* — Slotted Stud** (Item 2B1), a Slider-C-Clip System consisting of a C-shaped steel clip with a slotted opening and a steel stud to be used in conjunction with **Light Gauge Framing\* — Floor and Ceiling Runners** (Item 2A3). Steel clips and studs to be min 3-1/2 in. (89 mm) wide. Steel clip inserted into inside flange of steel stud without attachment. Total length of steel stud cut 1 in. (25 mm) less than assembly height with bottom of steel stud resting in and secured to floor runner. Floor runner attached to bottom of steel stud by means of No. 8 by 1/2 in. (13 mm) long pan head steel screw. Ceiling runner secured to steel C-Clip by means of No. 10 by 3/4 in. (19 mm) long pan head steel screw located 3/8 in. (10 mm) below top of ceiling runner. Top row of gypsum board screws shall be centered within the perforated slot of the C-Clip. Steel stud and steel clips spacing not to exceed 24 in. (610 mm) OC.

- Light Gauge Framing\* — Steel Stud** — Steel Studs to be used in conjunction with **Light Gauge Framing\* — Floor and Ceiling Runners** (Item 2A5). Steel studs to be min 3-5/8 in. (92 mm) wide. Studs cut 1/2 to 3/4 in. (13 to 19 mm) less in length than assembly height with bottom resting in and resting on floor runner and with top resting in ceiling runner without attachment. When slotted ceiling runner (Item 2A1) is used, steel studs secured to slotted ceiling runner with No. 8 by 1/2 in. (13 mm) long waffle head steel screws at midheight of slot on each side of wall. Stud spacing not to exceed 24 in. (610 mm) OC.

CALIFORNIA EXPANDED METAL PRODUCTS CO. — ViperStud™

- Gypsum Board\*** — Gypsum board sheets installed to a min total thickness of 5/8 in. and 1-1/4 in. (16 and 32 mm) on each side of wall for 1 and 2 hr rated assemblies, respectively. Wall to be constructed as specified in the individual

Wall and Partition Design in the UL Fire Resistance Directory, except that a nom 1 in. (25 mm) gap shall be maintained between the top of the gypsum board and the bottom of the steel floor or roof deck and the top row of screws shall be installed into the studs 3-1/2 in. (89 mm) below the lower surface of the floor or roof deck. The hourly fire rating of the joint system is equal to the hourly fire rating of the wall.

The hourly Assembly, 1, FH FT and FTH Ratings of the joint system are equal to the hourly fire rating of the wall.

- Joint System** — Max separation between bottom of floor or roof and top of wall is 1 in. (25 mm). The joint system is designed to accommodate a max 25 percent compression or extension from its installed width. The joint system consists of an optional deflection channel, forming material and a fill material, as follows:
  - Deflection Channel** — (Optional) — A nom 3-5/8 in. (92 mm) wide by 3 in. (76 mm) deep min 24 ga steel U-shaped channel. Deflection channel installed perpendicular to direction of fluted steel deck and secured to valleys with steel masonry anchors or by welds spaced max 24 in. (610 mm) OC. When optional spray-applied fire resistive material is used on the steel deck, deflection channel secured through spray-applied material to each valley of steel deck with min 1-1/2 in. (38 mm) long by min 3/16 in. (5 mm) diam steel masonry anchors spaced max 12 in. (305 mm) OC. The ceiling runner (Item 2A) is installed within the deflection channel to maintain a 1 in. (25 mm) gap between the top of the ceiling runner and the top of the deflection channel. The ceiling runner is not fastened to the deflection channel.

- Forming Material\*** — Min 4 in. (102 mm) thickness of min 4 pcf (64 kg/m³) density mineral wool batt insulation cut to the shape of the fluted deck, approx 20 percent larger than the area of the flutes and compressed into flutes of the steel floor or roof deck between the top of the deflection channel or ceiling runner and the steel deck. Additional pieces of min 4 pcf (64 kg/m³) mineral wool batt insulation are to be cut to the contour of the flutes with an additional 1-3/8 in. (35 mm) high section at the bottom of the flutes to fill the 1 in. (25 mm) gap between the top of the gypsum board and bottom of the steel floor or roof deck. The additional pieces of mineral wool are compressed and firmly packed into the flutes and the gap between the top of the gypsum board and bottom of the steel floor units on both sides of the wall and shall be a min 3/4 in. (19 mm) thick for 1 hr Rated Design and a min 1-1/2 in. (38 mm) thick for 2 hr Rated Design.

INDUSTRIAL INSULATION GROUP L.L.C. — Mineral Wool Safing

ROCK WOOL MANUFACTURING CO. — Delta Board or Delta-8

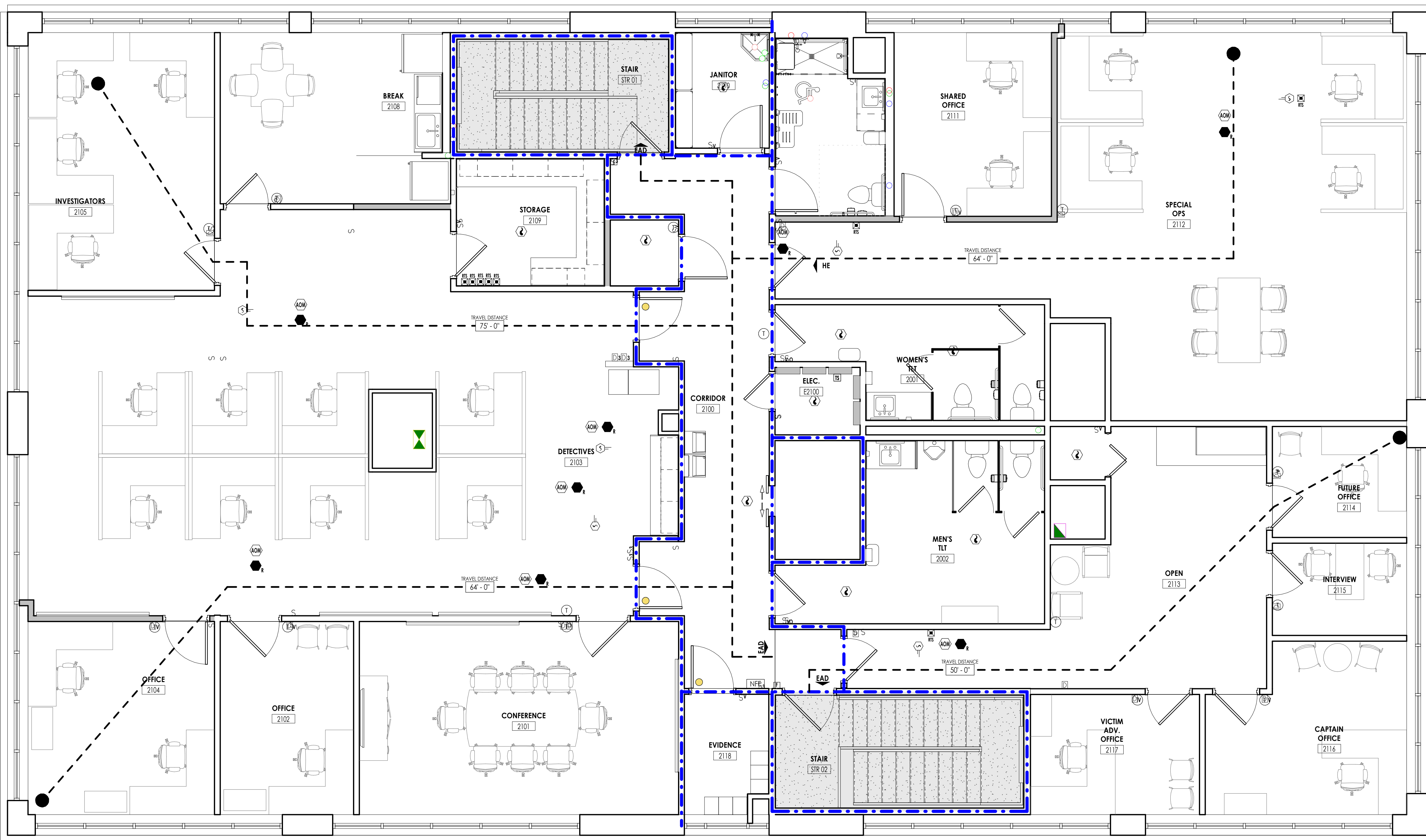
ROCKWOOL MALAYSIA SDN BHD — Type Safe

ROCKWOOL — Type Safe

THERMAFIBER INC. — Type Safe

- Forming Material\*** — (Optional, Not Shown) — Preformed mineral wool plugs, formed to the shape of the fluted floor units. Friction fit to completely fill the flutes above the ceiling channel. The plugs shall project beyond each side of the ceiling runner and shall be recessed from both wall surfaces to accommodate the required thickness of fill material (Item 3C). Additional forming material, described in Item 3B, can be used in conjunction with the plugs to fill the gap between the top of gypsum board and bottom of steel deck.

- Fill, Void or Cavity Material\*** — Min 1/16 in. (1.6 mm) dry (1/8 in. or 3.2 mm wet) thickness of fill material sprayed or brushed on each side of the wall in the flutes of the steel floor or roof deck units and between the top of the gypsum board and the bottom of the steel floor or roof deck units to completely cover mineral wool and overlap a min 1/2 in. (13 mm) into gypsum board and steel floor deck on both sides of wall. When the steel floor deck is coated with spray-applied material (Item A1), the fill material shall overlap min 2 in. (51 mm) onto the spray-applied material.



COMPLETE LIFE SAFETY PLAN LEVEL 2  
1/4" = 1'-0"

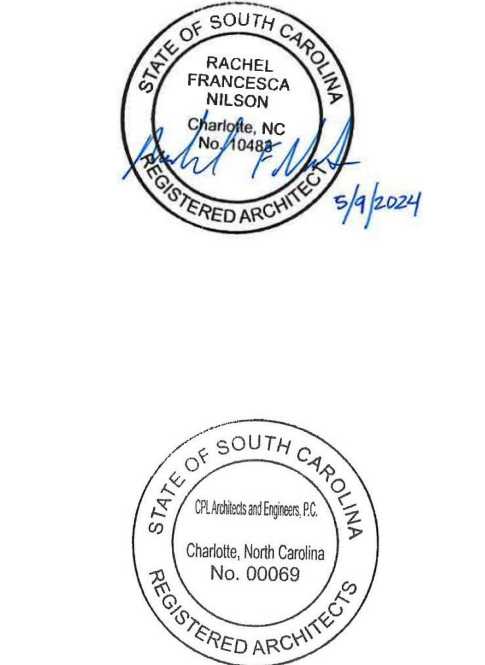
LIFE SAFETY SYMBOL LEGEND	
	ACCESSIBLE BUILDING ENTRANCE
	EXIT
	EXIT UNITS
	EXIT ACCESS DOOR
	EXIT DISCHARGE
	HORIZONTAL EXIT
	EXIT SIGN
<b>ROOM NAME</b>	ROOM NAME ROOM NUMBER ROOM AREA OCCUPANT LOAD FACTOR OCCUPANT LOAD
	PROVIDED WIDTH REQUIRED WIDTH ANTICIPATED LOAD
	CLEAR WIDTH REQUIRED WIDTH ANTICIPATED LOAD
	AREA OF REFUGE
	RESCUE WINDOW
	TRAVEL DISTANCE TO EXIT
	COMMON PATH OF EGRESS DISTANCE
	MAXIMUM TRAVEL DISTANCE TO EXIT
	MAXIMUM COMMON PATH OF EGRESS
	DEAD END DISTANCE
	NON-RATED SMOKE TIGHT BARRIER
	1 HOUR FIRE RATED & SMOKE BARRIER
	1 HOUR RATED FIRE PARTITION
	1 HOUR RATED FIRE BARRIER
	2 HOUR RATED FIRE BARRIER
	2 HOUR RATED BUILDING SEPARATION
	SUITES
	STOREFRONT IN SMOKE PARTITION
	EXIT ACCESS CORRIDOR
	EXISTING FIRE EXTINGUISHER/HOSE CABINET CONDITIONS
	NEW FIRE EXTINGUISHER/HOSE CABINET CONDITIONS
	PUBLIC TELEPHONE
	ACCESSIBLE PUBLIC TELEPHONE
	1 HR RATED FLOOR ASSEMBLY - UL-D902
	2 HR RATED FLOOR ASSEMBLY - UL-D902
	FIRE SHUTTERS
	DOOR WITH CARD READER
	DOOR WITH PANIC HARDWARE
	NOT IN SCOPE

PROJECT INFORMATION  
Project Number: 223.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

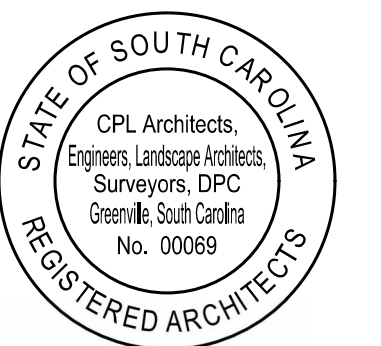
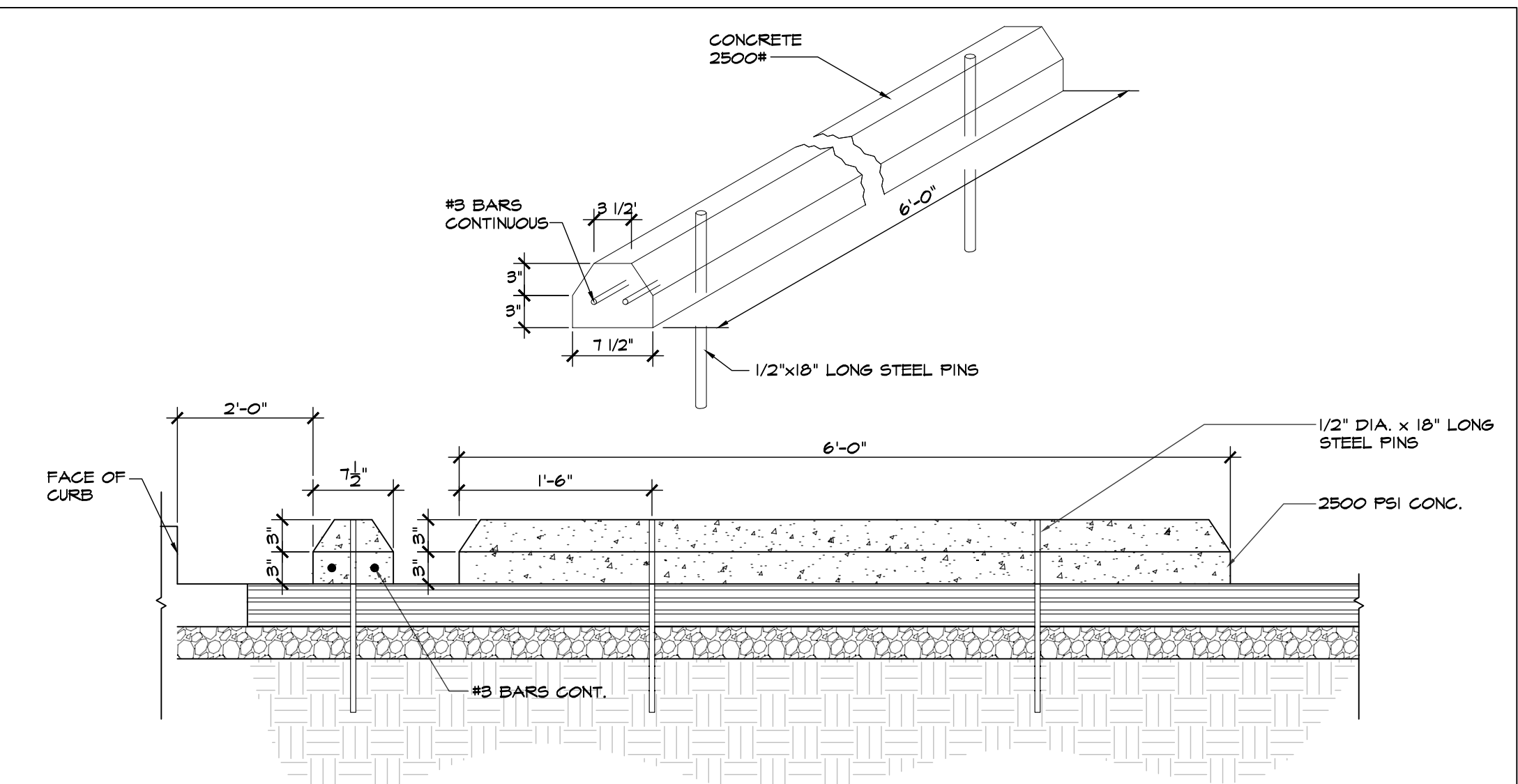
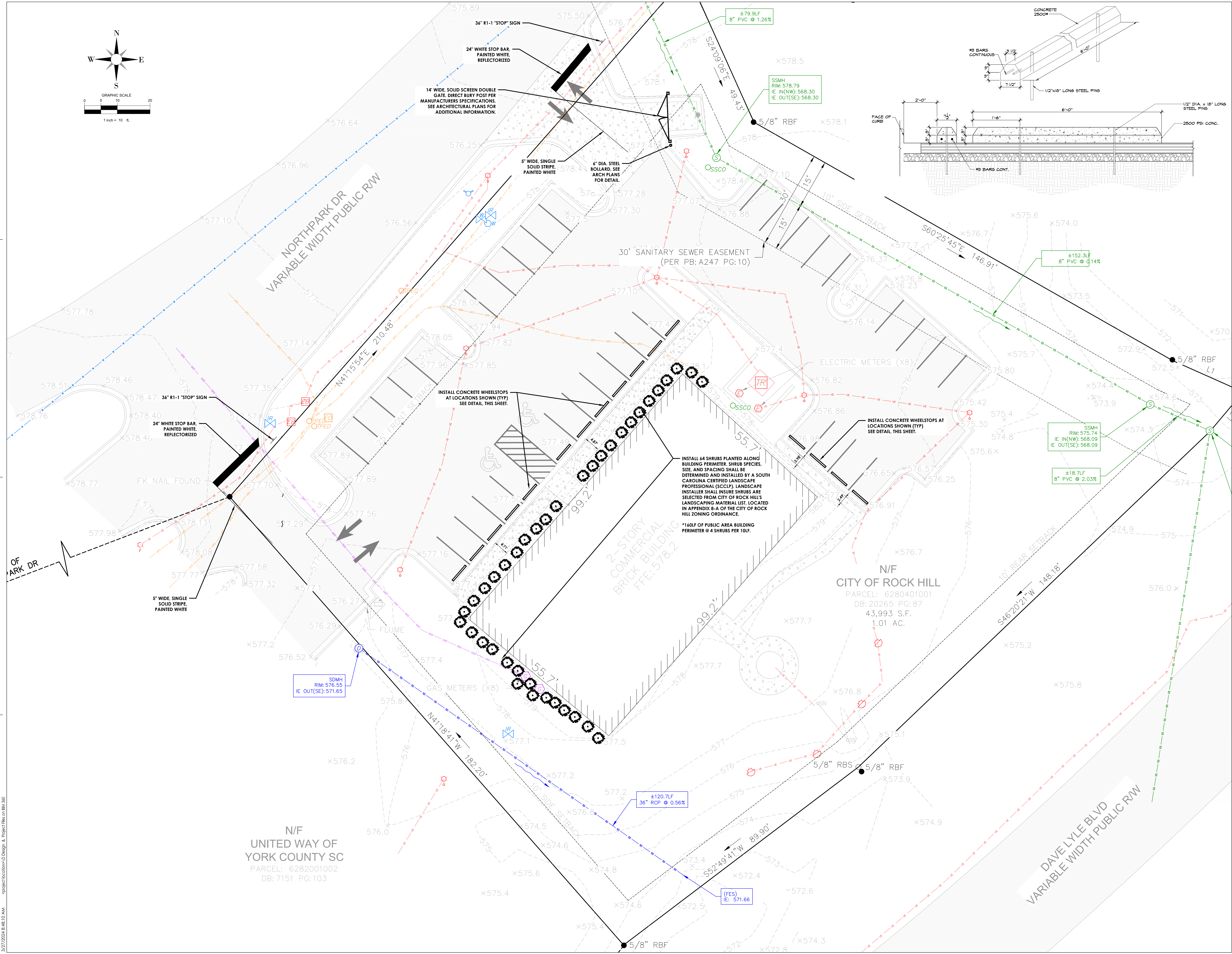
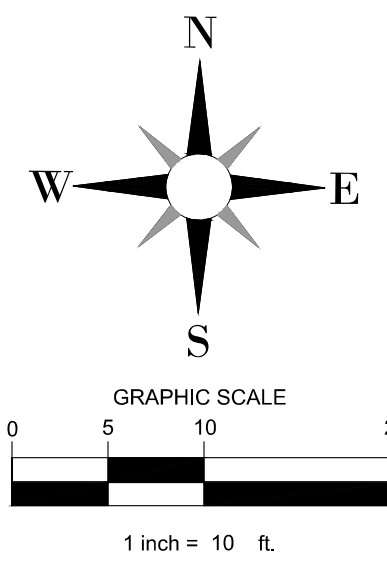
Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

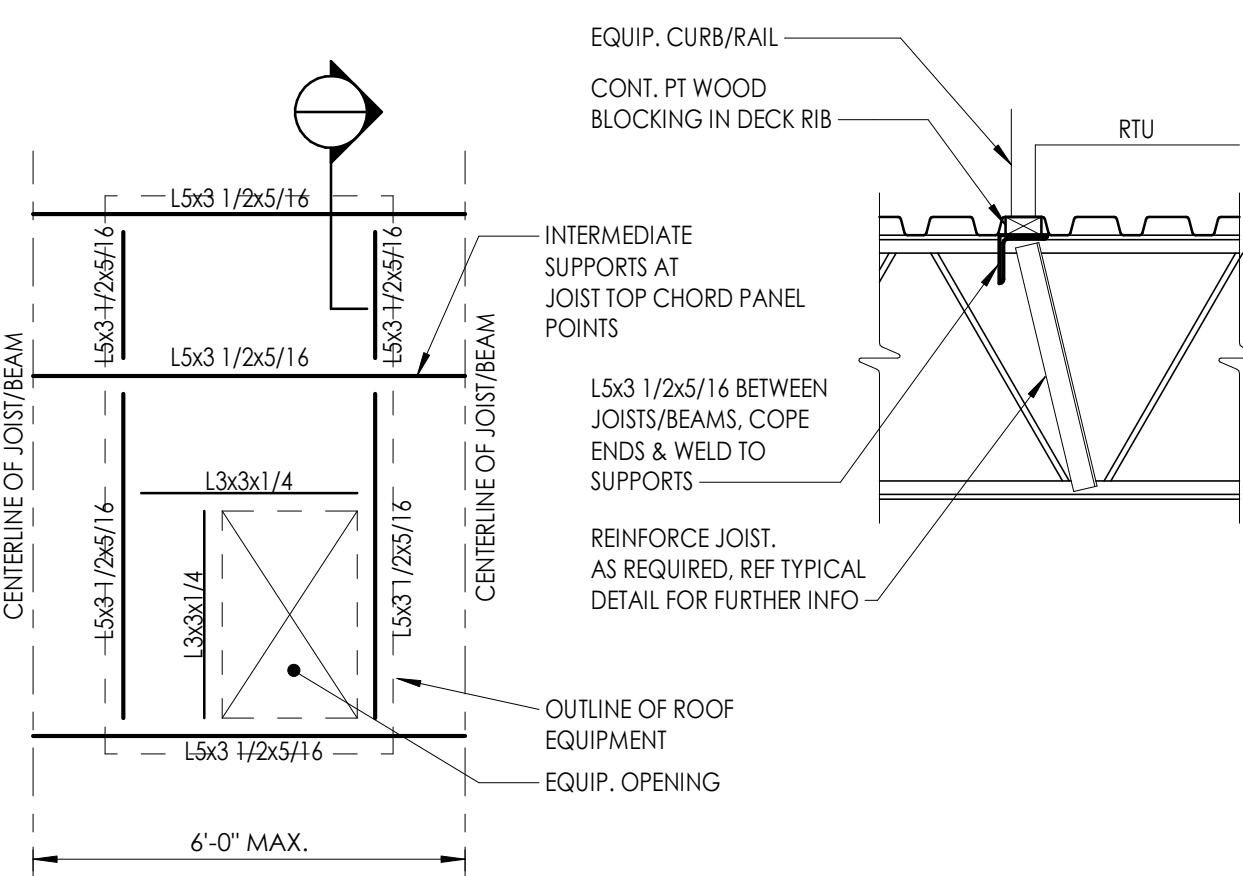
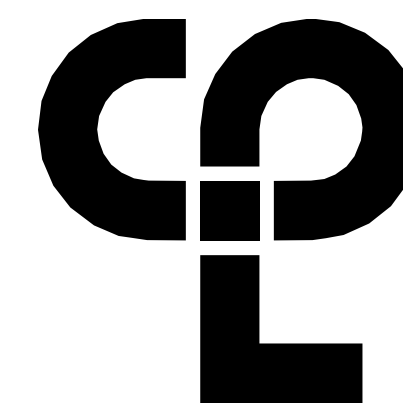
PROJECT ISSUE & REVISION SCHEDULE

PROFESSIONAL STAMPS



SHEET INFORMATION  
Name: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn by: NDS  
Checked by: RI  
Dwelling Title: OVERALL LIFE SAFETY PLAN LEVEL 2  
Drawing Number: A002

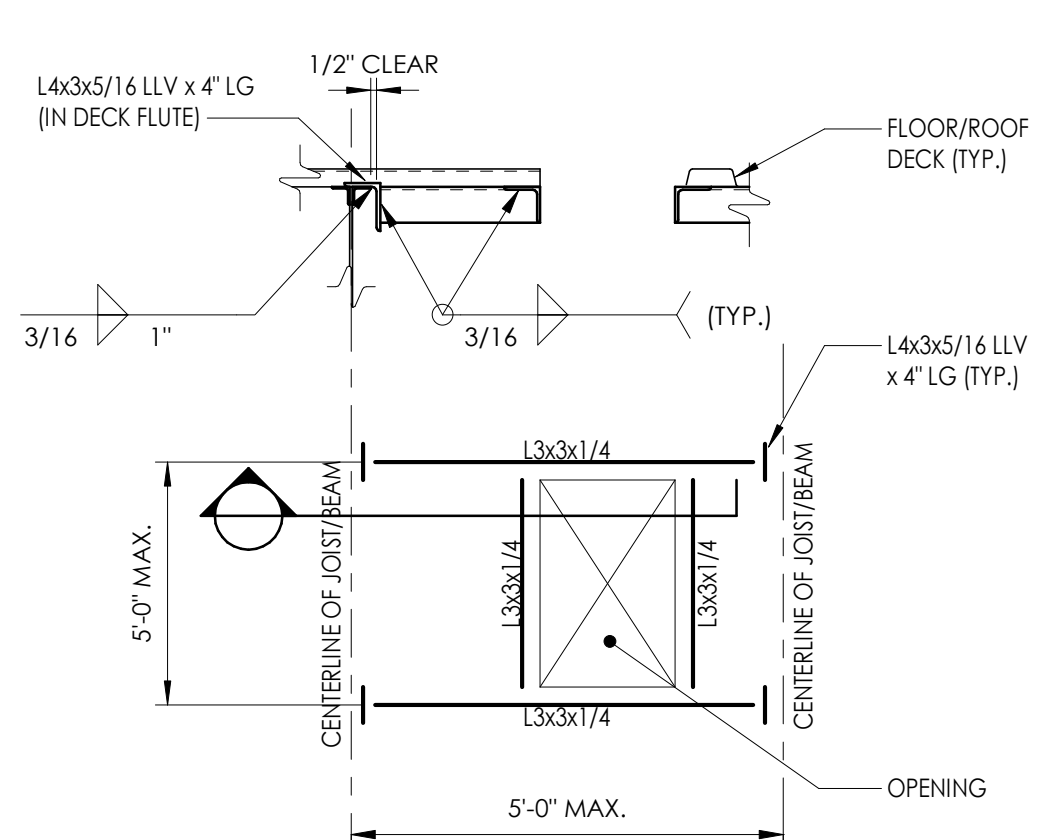




**DETAIL NOTES:**

1. THE ABOVE STEEL SIZES SHALL BE USED UNLESS NOTED OTHERWISE ON THE PLANS.
2. CONTRACTOR TO COORDINATE EQUIPMENT AND OPENING SUPPORTS WITH MECHANICAL CONTRACTOR AND FINAL APPROVED EQUIPMENT SUBMITTAL.

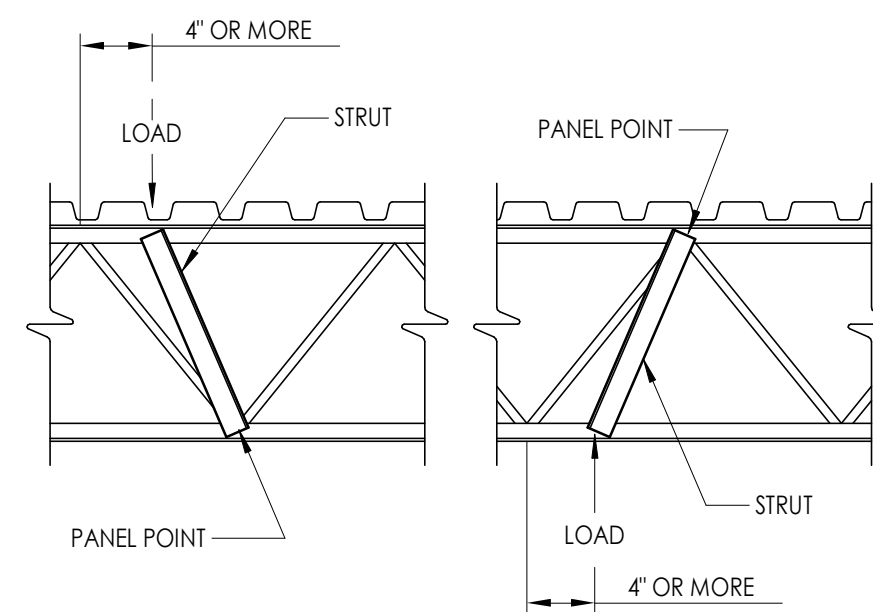
4 **ROOF EQUIPMENT SUPPORT DETAIL**  
3/4" x 1'-0"



**DETAIL NOTES:**

1. THE ABOVE STEEL SIZES SHALL BE USED UNLESS NOTED OTHERWISE ON THE PLANS.
2. CONTRACTOR TO COORDINATE EQUIPMENT AND OPENING SUPPORTS WITH MECHANICAL CONTRACTOR AND FINAL APPROVED EQUIPMENT SUBMITTAL.

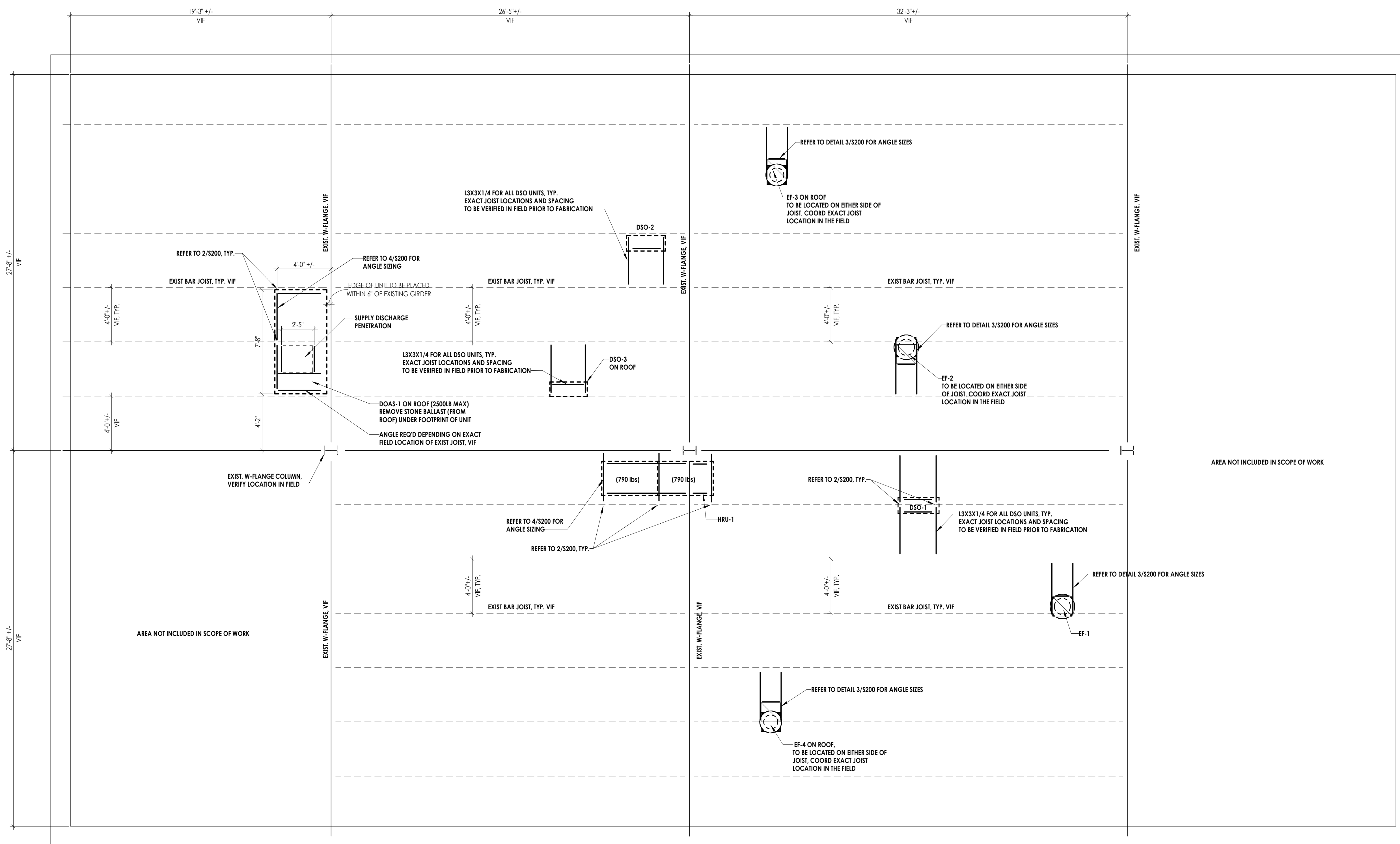
3 **ROOF OR FLOOR OPENING SUPPORT DETAIL**  
3/4" x 1'-0"



**NOTE:**

WHEN A CONCENTRATED LOAD EQUAL TO OR GREATER THAN 200 LBS. OCCURS 4' OR MORE FROM A PANEL POINT, A FIELD WELDED STRUT COMPOSED OF (2) L2x2x3/16 SHALL BE ADDED FROM THE POINT OF THE CONCENTRATED LOAD TO THE PANEL POINT ON THE OPPOSITE CHORD.

2 **CONCENTRATED LOAD ON JOIST DETAIL**  
3/4" x 1'-0"



1 **ROOF FRAMING PLAN**  
1/4" = 1'-0"

**DESIGN CRITERIA NOTES**

1. **GENERAL BUILDING CODE** - THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE 2021 BUILDING CODE OF SOUTH CAROLINA.
2. **BUILDING RISK CATEGORY** - THE BUILDING HAS BEEN ASSIGNED A RISK CATEGORY BASED ON NATURE OF OCCUPANCY IN ACCORDANCE WITH PREVIOUSLY MENTIONED CODE TO THE FOLLOWING CRITERIA:  
A. RISK CATEGORY: IV, ESSENTIAL FACILITY.

**DEAD AND LIVE LOADS**

- A. THE DEAD LOADS ARE THE SELF WEIGHT OF MATERIALS OF CONSTRUCTION INCORPORATED INTO AND ON THE BUILDING.
- B. THE UNIFORMLY DISTRIBUTED AND/OR CONCENTRATED LIVE LOADS USED IN THE DESIGN OF THE BUILDING ARE BASED ON THE FOLLOWING INTENDED USE OR OCCUPANCIES:  
a. ROOFS: 20 PSF / 300 LB ON MAINTENANCE SURFACE

**ROOF SNOW LOAD DATA** - SNOW LOADS ARE BASED ON CHAPTER 7 OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7 AND THE FOLLOWING CRITERIA:

- |   |          |
|---|----------|
| A. GROUND SNOW LOAD (Pg):                         | 10 PSF   |
| B. FLAT-ROOF SNOW LOAD (P <sub>f</sub> ):         | 8.40 PSF |
| C. SNOW EXPOSURE FACTOR (C <sub>e</sub> ):        | 1.0      |
| D. SNOW LOAD IMPORTANCE FACTOR (I <sub>s</sub> ): | 1.2      |
| E. THERMAL FACTOR (C <sub>t</sub> ):              | 1.0      |
| F. SLOPE FACTORS (C <sub>s</sub> ):               | 1.0      |
| G. MINIMUM REQUIRED SNOW (P <sub>m</sub> ):       | 12 PSF   |

**WIND DESIGN DATA** - WIND PRESSURES ARE BASED ON CHAPTER 26 OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7 AND THE FOLLOWING CRITERIA:

- |  |                 |
|--|-----------------|
| A. BASIC DESIGN WIND SPEED (V):                            | 125 MPH         |
| B. ALLOWABLE STRESS DESIGN WIND SPEED (V <sub>asd</sub> ): | 97 MPH          |
| C. RISK CATEGORY:  | IV              |
| D. WIND EXPOSURE:  | B               |
| E. INTERNAL PRESSURE COEFFICIENT (GCPI):                   | + 0.18 / - 0.18 |
| F. COMPONENTS AND CLADDING:                                | SEE DIAGRAM     |

**EARTHQUAKE DESIGN DATA** - THE STRUCTURE AND COMPONENTS OF THE BUILDING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE PREVIOUSLY MENTIONED CODE WITH THE FOLLOWING CRITERIA:

- |   |             |
|---|-------------|
| A. RISK CATEGORY:                                       | IV          |
| B. SEISMIC IMPORTANCE FACTOR (I <sub>e</sub> ):         | 1.5         |
| C. 0.2 SEC. MAPPED SPECTRAL RESPONSE (S <sub>s</sub> ): | 0.235       |
| D. 1 SEC. MAPPED SPECTRAL RESPONSE (S <sub>1</sub> ):   | 0.089       |
| E. SITE CLASS:  | D (DEFAULT) |
| F. 0.2 SEC. SPECTRAL RESPONSE COEF. (S <sub>ds</sub> ): | 0.251       |
| G. 1 SEC. SPECTRAL RESPONSE COEF. (S <sub>d1</sub> ):   | 0.142       |
| H. SEISMIC DESIGN CATEGORY:                             | D           |
| I. ANALYSIS PROCEDURE USED:                             | N/A         |

**ROOF RAIN LOAD DATA** - THE DESIGN RAINFALL BASED ON THE 100-YEAR HOURLY RAINFALL RATE OR DETERMINED BY LOCAL WEATHER USED IN THE DESIGN OF THE BUILDING IS BASED ON THE FOLLOWING:

- |                        |           |
|------------------------|-----------|
| A. RAIN INTENSITY (i): | 4.0 IN/HR |
|------------------------|-----------|

**SEISMIC DEMANDS ON NON-STRUCTURAL COMPONENTS** AND CONNECTIONS OF THOSE COMPONENTS TO THE PRIMARY STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH THE PREVIOUSLY MENTIONED CODE. THE GENERAL SEISMIC CRITERIA LISTED ABOVE, AND THE REQUIREMENTS OF ASCE 7, CHAPTER 13 AS APPROPRIATE.

**HANDRAILS AND GUARDS** - THE HANDRAIL ASSEMBLIES AND GUARDS SHALL BE DESIGNED FOR 50 PLF OR A CONCENTRATED LOAD OF 200 LBS AT ANY POINT APPLIED IN ANY DIRECTION AT THE TOP AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE. THESE LOADS NEED NOT BE ASSUMED TO ACT CONCURRENTLY.

**FUTURE EXPANSION** - NO PROVISIONS HAVE BEEN MADE IN THE STRUCTURAL DESIGN FOR FUTURE HORIZONTAL OR VERTICAL BUILDING EXPANSION.

**RESTRAINED CONSTRUCTION CLASSIFICATION** - IN ACCORDANCE WITH ASTM E 119, ALL FLOOR CONSTRUCTION IS CLASSIFIED AS RESTRAINED CONSTRUCTION.

**ROOF TOP EQUIPMENT ANCHORAGE** - ALL ROOF TOP EQUIPMENT CURBS, MECHANICAL EQUIPMENT, ETC. DOWNING, AND CONNECTIONS OF ALL EQUIPMENT TO BUILDING STRUCTURE FOR WIND AND SEISMIC LOADING ARE TO BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER RETAINED BY THE EQUIPMENT SUPPLIER.

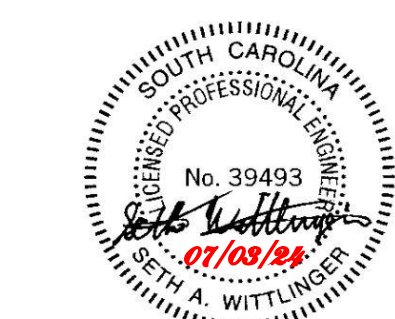
**EXISTING CONSTRUCTION NOTES**

1. BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBERS.
2. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW WORK TO THE EXISTING WORK.
3. WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING.
4. EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM LIMITED SITE OBSERVATION; THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.
5. IF ANY ARCHITECTURAL, STRUCTURAL, OR MECHANICAL MEMBERS OR COMPONENTS NOT DESIGNATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY AND APPROVAL MUST BE OBTAINED PRIOR TO REMOVAL OF THOSE MEMBERS.
6. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND TAKE CARE TO PROTECT EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE.
7. THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE DESIGN PROFESSIONAL.

**ROOF FRAMING PLAN NOTES**

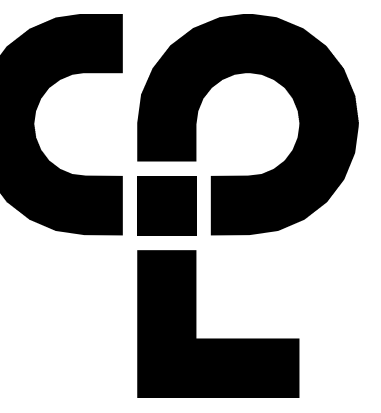
1. CONTRACTOR SHALL VERIFY ROOFTOP UNIT WEIGHTS IF SHOWN WITH EQUIPMENT MANUFACTURER. CONTRACTOR TO NOTIFY ENGINEER PRIOR TO INSTALLING ROOFTOP UNITS IF TOTAL UNIT OPERATING WEIGHT EXCEEDS VALUE LISTED ON PLAN.
2. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR PENETRATIONS NOT SHOWN, AND LOCATIONS SEE TYPICAL DETAILS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS AT OPENINGS. CONTRACTOR TO COORDINATE.

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: Scale: As Indicated  
Date: 06/24/24  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: LBS  
Checked By: SW  
Drawing Title: STRUCTURAL PLAN AND DETAILS



PROJECT INFORMATION

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC

Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

Date: 10/09/2024  
Description: PRE-BID RFI RESPONSE

PROFESSIONAL STAMPS



SHEET INFORMATION

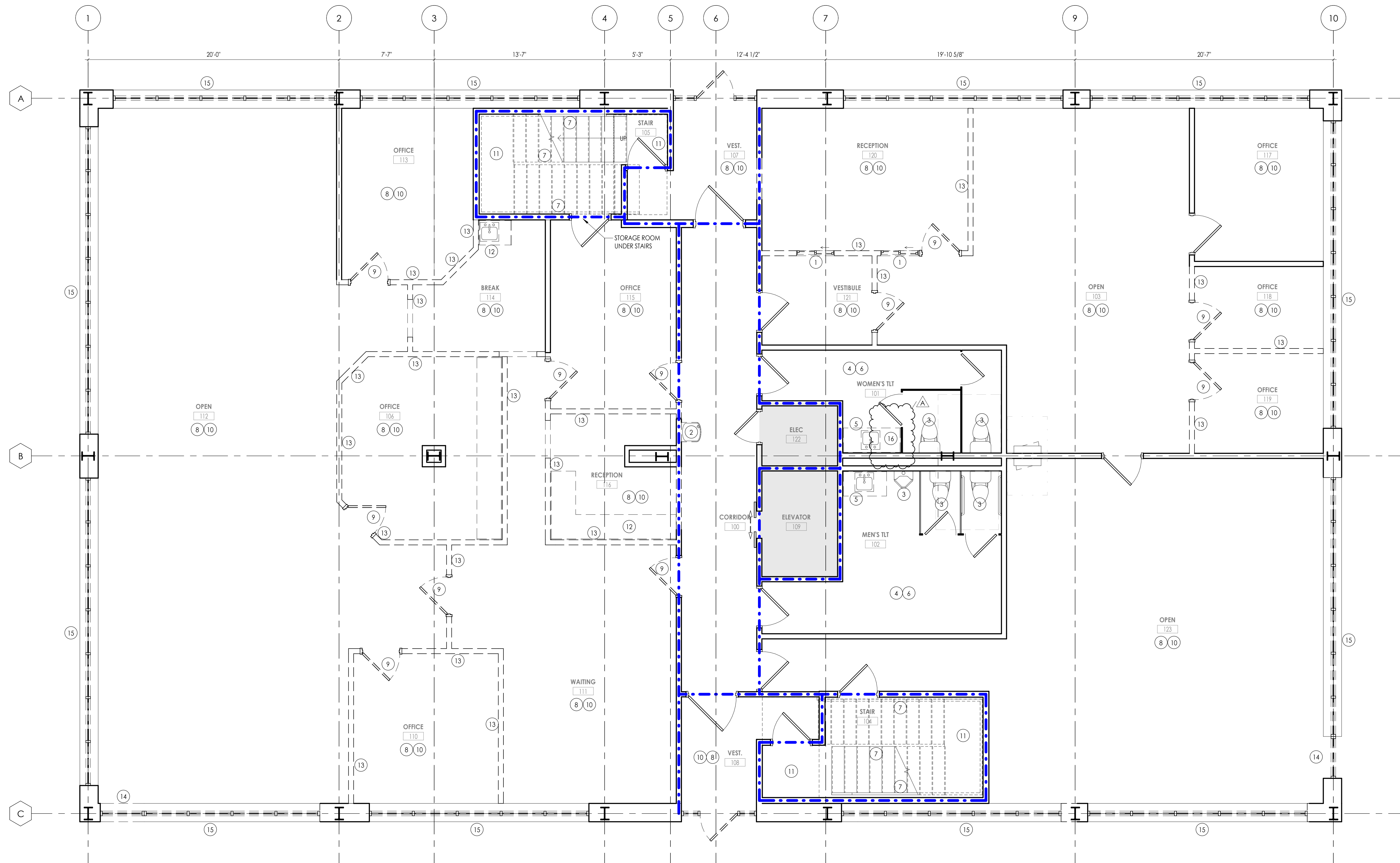
Name: 05/09/2024 Scale: As indicated  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS Checked By: R  
Drawing Title: OVERALL DEMOLITION PLAN LEVEL 1  
Drawing Number:

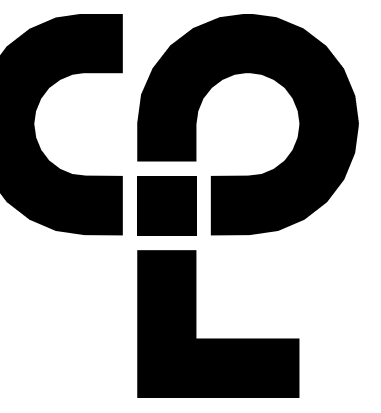
DEMOLITION GENERAL NOTES

- ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF MATERIALS TO BE REMOVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS PRIOR TO COMMENCEMENT OF ALL DEMOLITION WORK.
- REFER TO THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR DEMOLITION OF EXISTING UTILITIES AND SERVICES.
- ALL ITEMS TO BE SALVAGED WITHIN THE DEMOLITION AREA WILL BE REMOVED BY THE OWNER PRIOR TO ONSET OF DEMOLITION WORK.
- REMAINING SUBSTRATES SHALL BE LEFT IN A CONDITION ACCEPTABLE TO RECEIVE NEW WORK. WHERE NEW FINISHES ARE SCHEDULED AT EXISTING CONDITIONS, REMOVE EXISTING FINISHES DOWN TO SUBSTRATE AND PREPARE SURFACE FOR NEW FINISH. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION.
- REMOVE AND REPLACE EXISTING CEILING, UNLESS OTHERWISE NOTED ON THE DRAWINGS FOR PERFORMING DEMOLITION OF ALL WORK INDICATED ON THE CONSTRUCTION DRAWINGS. THE EXISTING CEILING SHALL BE REMOVED AND REPLACED IN A MANNER TO AVOID DAMAGE TO THE WALL SYSTEM.
- NOTIFY ARCHITECT AND OWNER OF EXISTING DUCTWORK, PIPE AND CONDUIT PENETRATIONS EXPOSED AFTER DEMOLITION THAT ARE NOT FIRESTOPPED THROUGH EXISTING FLOORS AND WALLS IDENTIFIED AS FIRE AND/OR SMOKE RATED ON LIFE SAFETY PLANS. EXISTING NON-COMPLIANT PENETRATIONS ARE TO BE FIRESTOPPED.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOM CLEANED AT END OF EACH DAY.
- IN ALL LOCATIONS THAT A DOOR IS ILLUSTRATED TO BE DEMOLISHED, REMOVE AND DISPOSE OF DOOR, FRAME, HARDWARE AND ALL ASSOCIATED ITEMS, UNLESS NOTED OTHERWISE.
- ALL ITEMS SHOWN WITH A DASHED LINE ARE TO BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED.
- SINKS INDICATED WITHIN MILLWORK BEING REMOVED SHALL ALSO BE REMOVED AND DISPOSED OF, ALONG WITH ALL ASSOCIATED ITEMS. COORDINATE WITH PLUMBING DRAWINGS.
- TYPICAL BUILDING COMPONENTS TO BE LEFT IN PLACE WHICH ARE NOT TO BE DEMOLISHED, UNLESS NOTED OTHERWISE.
  - FIRE PROOFING ON COLUMNS AND BEAMS WHICH IS NOT PART OF A WALL OR CEILING SYSTEM. THIS INCLUDES PLASTER, MASONRY, AND CONCRETE COVERS WHICH MAY BE ENCAPSULATED BY THE WALL OR CEILING ASSEMBLIES.
  - ELECTRIC, PLUMBING AND HVAC LINES FEEDING AREAS TO REMAIN IN OPERATION. COORDINATE WITH MEP DRAWINGS.
  - ANY STRUCTURES UNCOVERED AS A RESULT OF DEMOLITION WHICH APPEAR TO BE SUPPORTING IN NATURE AND REQUIRING VERIFICATION PRIOR TO DEMOLITION. THIS INCLUDES EQUIPMENT SUPPORTS AND STRUCTURE ADDED AS A RESULT OF PREVIOUS CONSTRUCTION OR ADDITIONS.
- THE OWNER WILL REMOVE ALL MOVABLE OR UNATTACHED ITEMS TO BE SALVAGED OR STORED PRIOR TO CONTRACTOR'S SALVAGE OPERATIONS. ITEMS TO BE SALVAGED INCLUDE BUT ARE NOT LIMITED TO, THOSE ITEMS SHOWN ON THE DRAWINGS.
- OWNER HAS THE RIGHT TO SALVAGE ANY FIXTURES AND/OR MILLWORK WITHIN AN AREA OF DEMOLITION PRIOR TO CONTRACTOR STARTING WORK IN THAT ZONE. COORDINATE TIMING OF SUCH REMOVALS WITH OWNER.
- RECONSTRUCT EXISTING FIREPROOFING DUE TO WALL, CEILING OR EQUIPMENT DEMOLITION. REFER TO A403 FOR PROTECTION RATING REQUIREMENTS.
- IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED THAT APPEAR TO CONTAIN HAZARDOUS MATERIALS SUCH AS BUT NOT LIMITED TO MOLD, LEAD PAINT OR ASBESTOS, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.
- PREP ALL WALLS EXISTING TO REMAIN TO RECEIVE NEW PAINT CORNER-TO-CORNER, RE INTERIORS.
- REMOVE EXISTING WINDOW TREATMENTS AND ALL ASSOCIATED ITEMS, TYPICAL.

DEMOLITION KEY NOTES

- REMOVE GLAZING AND FRAME IN ITS ENTIRETY.
- REMOVE WATER FOUNTAIN IN ITS ENTIRETY. PREP EXISTING PLUMBING LINES AND WALL TO RECEIVE NEW H-H-O WATER FOUNTAIN AND BOTTLE FILLER. RE-MEP.
- REMOVE PLUMBING FIXTURE IN ITS ENTIRETY. PREP REMAINING CONSTRUCTION TO RECEIVE NEW FIXTURE.
- REMOVE EXISTING TOILET ACCESSORIES. PREP SURFACE TO RECEIVE NEW ACCESSORIES AS SCHEDULED.
- REMOVE EXISTING COUNTERTOP AND SINKS.
- REMOVE EXISTING WALL COVERING, RESILIENT BASE, AND ALL ASSOCIATED ITEMS. PATCH/REPAIR WALL AS NEEDED TO RECEIVE NEW FINISHES.
- REMOVE EXISTING HANDRAIL FROM STAIRCASE. PREP ADJACENT CONSTRUCTION TO RECEIVE NEW GUARDRAIL AND HANDRAIL.
- REMOVE CEILING IN ITS ENTIRETY. PREP ADJACENT WALLS TO RECEIVE NEW CEILING AS INDICATED.
- REMOVE DOOR, FRAME, AND ALL ASSOCIATED HARDWARE.
- REMOVE FLOORING, BASE, AND ALL ASSOCIATED ITEMS IN ITS ENTIRETY. PREP SLAB FOR NEW FLOORING.
- REMOVE CARPET FROM LANDINGS. PREP FLOOR TO RECEIVE NEW MATERIAL AS SCHEDULED.
- REMOVE MILLWORK AND ANY ASSOCIATED PLUMBING FIXTURES IN ITS ENTIRETY. CUT PLUMBING BACK TO STUB INSIDE WALL. PREP WALL TO RECEIVE NEW FINISH AS INDICATED.
- REMOVE WALL IN ITS ENTIRETY OR TO DIMENSION INDICATED. PREP SLAB AND REMAINING CONSTRUCTION FOR NEW WORK AS INDICATED ON NEW WORK PLAN.
- REMOVE PORTION OF EXTERIOR WALL AND STOREFRONT. PREP EXISTING CONSTRUCTION TO RECEIVE NEW DOOR AS INDICATED. FIELD VERIFY STOREFRONT CONDITIONS PRIOR TO DEMOLITION. SALVAGE EXISTING TO BE REUSED WHERE POSSIBLE.
- REMOVE ALL EXTERIOR GLAZING AND STOREFRONT. PREP OPENING TO RECEIVE NEW STOREFRONT. MAINTAIN WEATHERTIGHT CONDITIONS FOR DURATION OF CONSTRUCTION.
- REMOVE FLOOR TILE AS NEEDED FOR SLAB CUTTING. REFER TO PLUMBING DRAWINGS. PATCH AND REPAIR AS SPECIFIED.





PROJECT INFORMATION

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Client Name: YORK COUNTY, SC

DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

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Date: 10/09/2024 Description: PRE-BID RFI RESPONSE

PROFESSIONAL STAMPS



SHEET INFORMATION

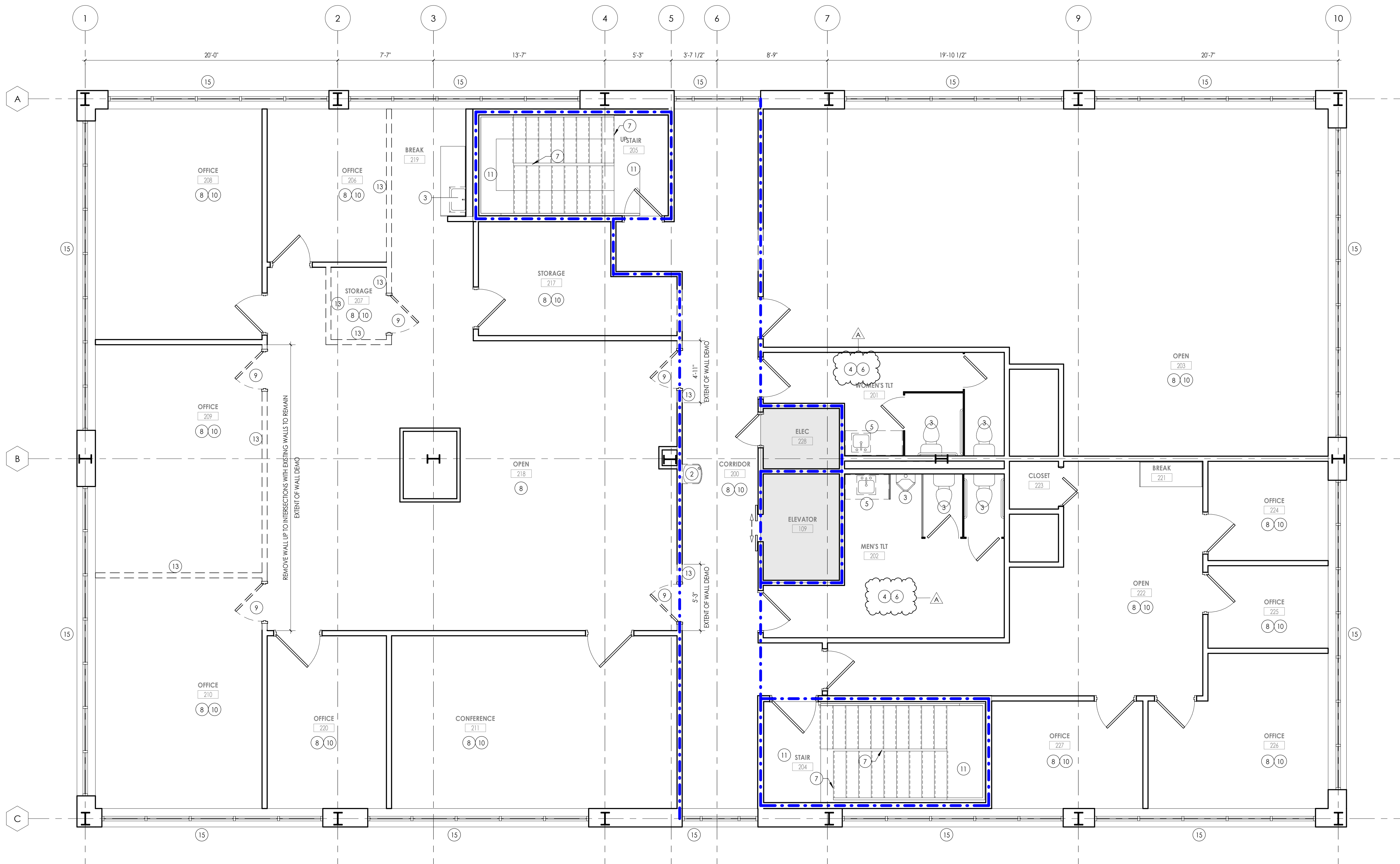
Name: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS  
Checked By: R  
Drawing Title: OVERALL DEMOLITION PLAN LEVEL 2  
Drawing Number:

DEMOLITION GENERAL NOTES

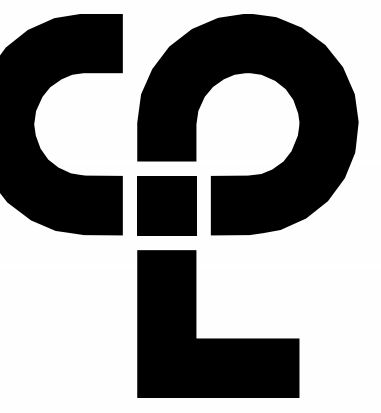
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  - ELECTRIC, PLUMBING AND HVAC LINES FEEDING AREAS TO REMAIN IN OPERATION. COORDINATE WITH MEP DRAWINGS.
  - ANY STRUCTURES UNCOVERED AS A RESULT OF DEMOLITION WHICH APPEAR TO BE SUPPORTING IN NATURE AND REQUIRING VERIFICATION PRIOR TO DEMOLITION. THIS INCLUDES EQUIPMENT SUPPORTS AND STRUCTURE ADDED AS A RESULT OF PREVIOUS CONSTRUCTION OR ADDITIONS.
- THE OWNER WILL REMOVE ALL MOVABLE OR UNATTACHED ITEMS TO BE SALVAGED PRIOR TO CONTRACTOR'S SALVAGE OPERATIONS. ITEMS TO BE SALVAGED INCLUDE BUT ARE NOT LIMITED TO, THOSE ITEMS SHOWN ON THE DRAWINGS.
- OWNER HAS THE RIGHT TO SALVAGE ANY FIXTURES AND/OR MILLWORK WITHIN AN AREA OF DEMOLITION PRIOR TO CONTRACTOR STARTING WORK IN THAT ZONE. COORDINATE TIMING OF SUCH REMOVALS WITH OWNER.
- RECONSTRUCT EXISTING FIREPROOFING DUE TO WALL, CEILING OR EQUIPMENT DEMOLITION. REFER TO 4401 FOR PROTECTION RATING REQUIREMENTS.
- IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED THAT APPEAR TO CONTAIN HAZARDOUS MATERIALS SUCH AS BUT NOT LIMITED TO MOLD, LEAD PAINT OR ASBESTOS, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.
- PREP ALL WALLS EXISTING TO REMAIN TO RECEIVE NEW PAINT CORNER-TO-CORNER, RE INTERIORS.
- REMOVE EXISTING WINDOW TREATMENTS AND ALL ASSOCIATED ITEMS, TYPICAL.

DEMOLITION KEY NOTES

- REMOVE GLAZING AND FRAME IN ITS ENTIRETY.
- REMOVE WATER FOUNTAIN IN ITS ENTIRETY. PREP EXISTING PLUMBING LINES AND WALL TO RECEIVE NEW H-H-O WATER FOUNTAIN AND BOTTLE FILLER. RE-MEP.
- REMOVE PLUMBING FIXTURE IN ITS ENTIRETY. PREP REMAINING CONSTRUCTION TO RECEIVE NEW FIXTURE.
- REMOVE EXISTING TOILET ACCESSORIES. PREP SURFACE TO RECEIVE NEW ACCESSORIES AS SCHEDULED.
- REMOVE EXISTING COUNTERTOP AND SINKS.
- REMOVE EXISTING WALL COVERING, RESILIENT BASE, AND ALL ASSOCIATED ITEMS. PATCH/REPAIR WALL AS NEEDED TO RECEIVE NEW FINISHES.
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- REMOVE CEILING IN ITS ENTIRETY. PREP ADJACENT WALLS TO RECEIVE NEW CEILING AS INDICATED.
- REMOVE DOOR, FRAME, AND ALL ASSOCIATED HARDWARE.
- REMOVE FLOORING, BASE AND ALL ASSOCIATED ITEMS IN ITS ENTIRETY. PREP SLAB FOR NEW FLOORING.
- REMOVE CARPET FROM LANDINGS. PREP FLOOR TO RECEIVE NEW MATERIAL AS SCHEDULED.
- REMOVE MILLWORK AND ANY ASSOCIATED PLUMBING FIXTURES IN ITS ENTIRETY. CUT PLUMBING BACK TO STUB INSIDE WALL. PREP WALL TO RECEIVE NEW FINISH AS INDICATED.
- REMOVE WALL IN ITS ENTIRETY OR TO DIMENSION INDICATED. PREP SLAB AND REMAINING CONSTRUCTION FOR NEW WORK AS INDICATED ON NEW WORK PLAN.
- REMOVE PORTION OF EXTERIOR WALL AND STOREFRONT. PREP EXISTING CONSTRUCTION TO RECEIVE NEW DOOR AS INDICATED. FIELD VERIFY STOREFRONT CONDITIONS PRIOR TO DEMOLITION. SALVAGE EXISTING TO BE REUSED WHERE POSSIBLE.
- REMOVE ALL EXTERIOR GLAZING AND STOREFRONT. PREP OPENING TO RECEIVE NEW STOREFRONT. MAINTAIN WEATHERTIGHT CONDITIONS FOR DURATION OF CONSTRUCTION.
- REMOVE FLOOR TILE AS NEEDED FOR SLAB CUTTING. REFER TO PLUMBING DRAWINGS. PATCH AND REPAIR AS SPECIFIED.



1 A102  
DEMOLITION - LEVEL 2  
1/4" = 1'-0"  
PROJECT NORTH



**PROJECT INFORMATION**

Project Number  
 R23.00720.00  
 Client Name  
**YORK COUNTY, SC**

Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Date Description

A 10/09/2024 PRE-BID RFI RESPONSE

**PROFESSIONAL STAMPS**

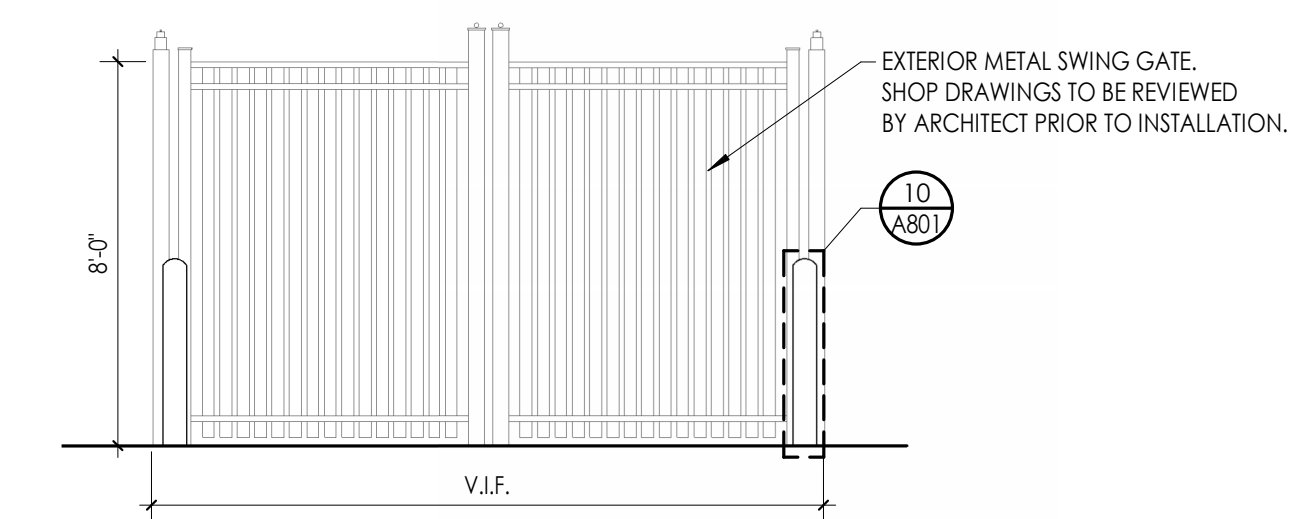
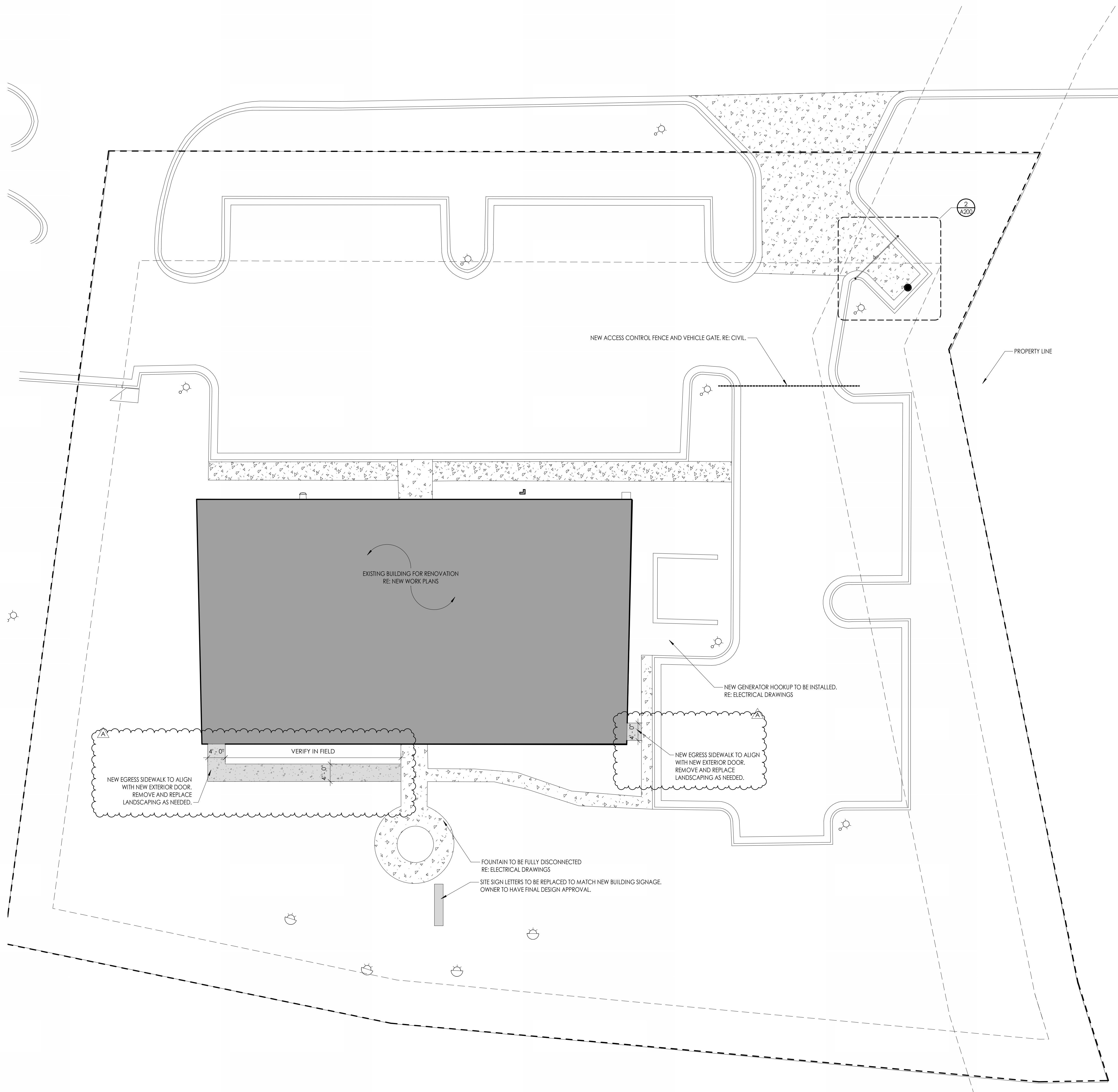


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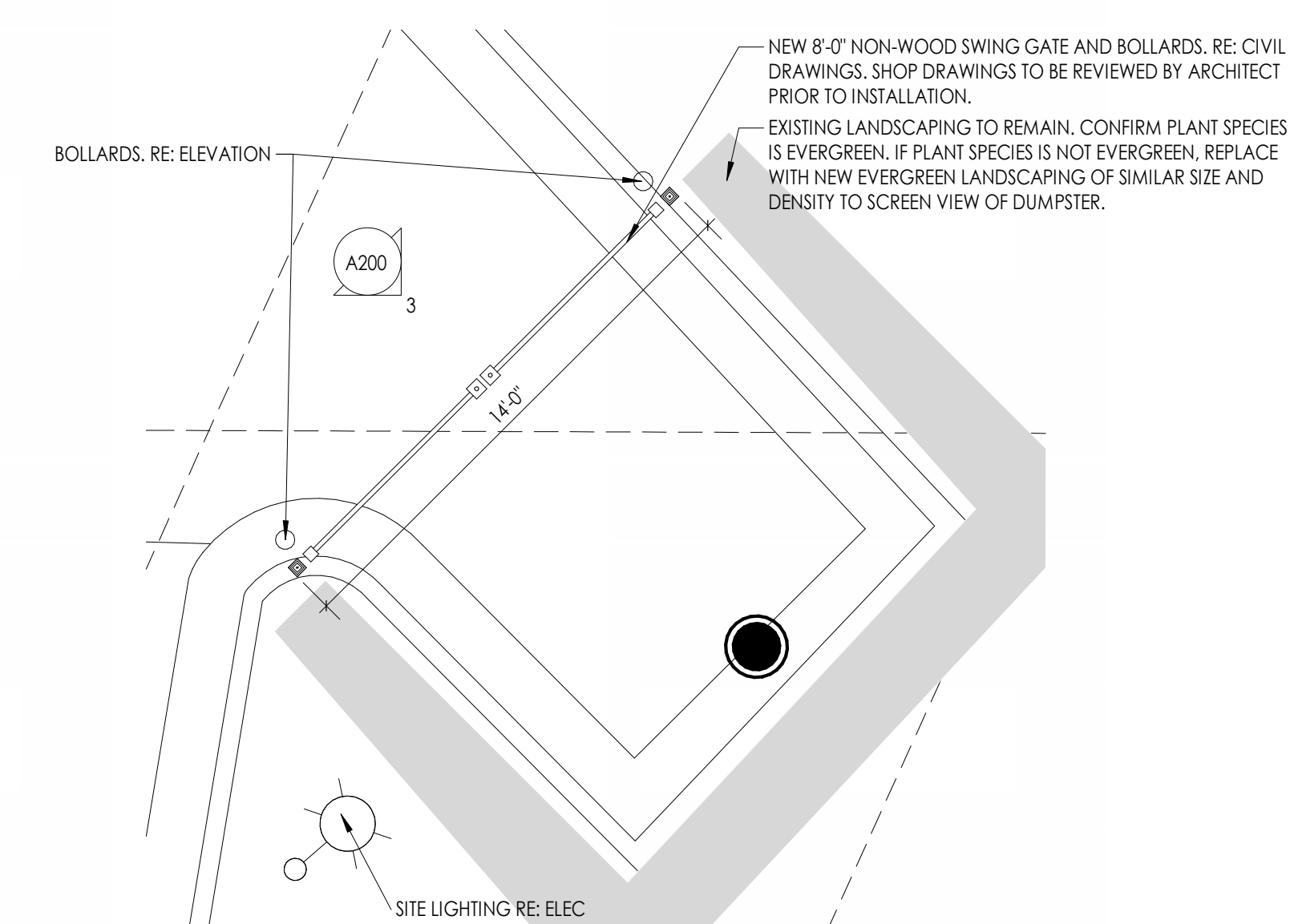
Name Scale  
 05/09/2024 As Indicated  
 Project Status  
 100% CONSTRUCTION DOCUMENTS  
 Drawn By Checked By  
 NDS RI  
 Drawing Title  
**OVERALL ARCHITECTURAL SITE  
 NEW WORK PLAN**

Drawing Number

A200



**3 EXTERIOR DUMPSTER GATE ELEVATION.**  
 1/4" = 1'-0"

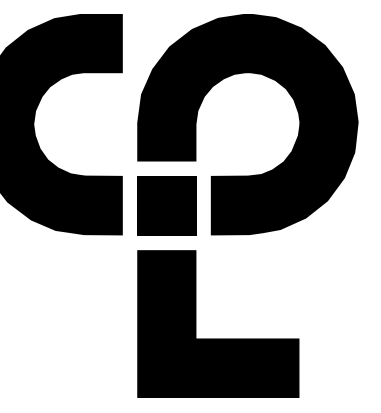


**2 ENLARGED PLAN - NEW DUMPSTER ENCLOSURE**  
 1/4" = 1'-0"

**1 OVERALL ARCHITECTURAL SITE PLAN**  
 3/32" = 1'-0"

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### FLOOR PLAN GENERAL NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF NEW MATERIALS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE FROM FACE OF FINISH TO FACE OF FINISH UNLESS OTHERWISE NOTED.
3. SEE SHEET A400 FOR INTERIOR PARTITION TYPES.
4. SEE A900 FOR INTERIOR AND EXTERIOR DOORS, WINDOWS, CURTAINWALLS, AND STOREFRONTS.
5. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
6. COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
7. REFER TO A700 FOR TYPICAL FIXTURE MOUNTING HEIGHTS AND ACCESSORIES LEGEND.
8. REFER TO A700 & A702 FOR FURNISH AND INSTALL SCOPE OF EQUIPMENT AND ACCESSORIES.
9. EQUIPMENT SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY AND ARE FOR COORDINATION OF M.E.P. INFRASTRUCTURE TO OPERATE ITEMS INCLUDED UNDER THE SCOPE.
10. REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS, LOCATIONS & MEP CONNECTION LOCATION.
11. ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.
12. PATCH AND FINISH ALL EXISTING WALLS TO REMAIN WITHIN THE PROJECT LIMIT AREA TO RECEIVE SPECIFIED FINISHES.
13. ALL EXISTING EXPANSION JOINT COVERS OR ASSEMBLIES ARE TO BE PROTECTED AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNLESS OTHERWISE NOTED.
14. PROVIDE CONCRETE FLOOR PATCH AND FLOOR LEVELING AT EXISTING CONCRETE FLOORS FOR NEW FINISHES.

### FLOOR PLAN LEGEND

NOTE: THE LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

- DOOR DOOR TARGET, SEE SCHEDULE
- WINDOW WINDOW TARGET, SEE SCHEDULE
- COLUMN LINE IDENTIFICATION
- ROOM NAME  
11254.2  
150' x 10'-0"
- ROOM TAG
- XXX DENOTES CHANGE IN FLOOR MATERIAL
- WATER HEATER/ AIR HANDLER, SEE MECHANICAL DRAWINGS
- SECTION MARK
- INTERIOR ELEVATION MARK
- EXTERIOR ELEVATION MARK
- DETAIL FOR REFERENCE MARK
- BLOCKING IN WALLS FOR GRAB BAR INSTALLATION
- DENOTES FINISH FLOOR GRADE ELEVATION
- WALL TYPE SEE A/400
- NEW FIRE EXTINGUISHER CABINET
- NEW FIRE EXTINGUISHER WALL MOUNTED WITH BRACKET

### FLOOR PLAN KEY NOTES

1. WALLS INDICATED TO RECEIVE SOUND ATTENUATING BATTS ABOVE CEILING 24" EACH SIDE OF WALL
2. REPLACE DOOR HARDWARE WITH NEW
3. REPLACE ALL PLUMBING FIXTURES WITH NEW
4. PATCH TO MATCH EXISTING CONSTRUCTION
5. WALL-MOUNTED PHONE
6. EXISTING MILLWORK TO REMAIN. PROTECT FROM DAMAGE FOR DURATION OF CONSTRUCTION.
7. NOT USED
8. REPAIR CRACK IN MASONRY
9. REMOVE EXISTING SINK AND ASSOCIATED FAUCET. EXISTING COUNTERTOP TO REMAIN. CUT NEW OPENING IN COUNTERTOP TO ACCOMMODATE NEW SINK. RE: MEP.
10. NOT USED
11. NEW ROOF PENETRATIONS TO BE CONSTRUCTED WITH CURB. RE: MEP DRAWINGS FOR DETAILS.
12. NEW STOREFRONT FRAME AND GLAZING TO BE INSTALLED IN EXISTING OPENING. VERIFY DIMENSIONS IN FIELD PRIOR TO INSTALLATION.
13. INSTALL NEW GUARDRAIL AND HANDRAIL
14. INSPECT ALL GRAB BARS AND PARTITIONS EXISTING TO REMAIN. COMPLETE ANY REPAIRS WHERE MOUNTING IS LOOSE OR ITEM IS DAMAGED.
15. MAINTAIN WEATHERTIGHT CONDITIONS FOR THE DURATION OF ROOF WORK.
16. REPLACE ANY EXISTING DAMAGED/DETERIORATED WOOD BLOCKING AS NECESSARY TO THE NEW ROOFING SYSTEM TO BASE BID
17. REPLACE ANY EXISTING DAMAGED/DETERIORATED INSULATIONS AS NECESSARY TO THE NEW ROOFING SYSTEM TO BASE BID
18. REPLACE ANY EXISTING DRAIN AS NECESSARY TO THE NEW ROOFING SYSTEM TO BASE BID

### PROJECT INFORMATION

Project Number  
R23.00720.00  
Client Name  
**YORK COUNTY, SC**  
Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
236 NORTH PARK DRIVE, ROCK HILL, SC 29730

### PROJECT ISSUE & REVISION SCHEDULE

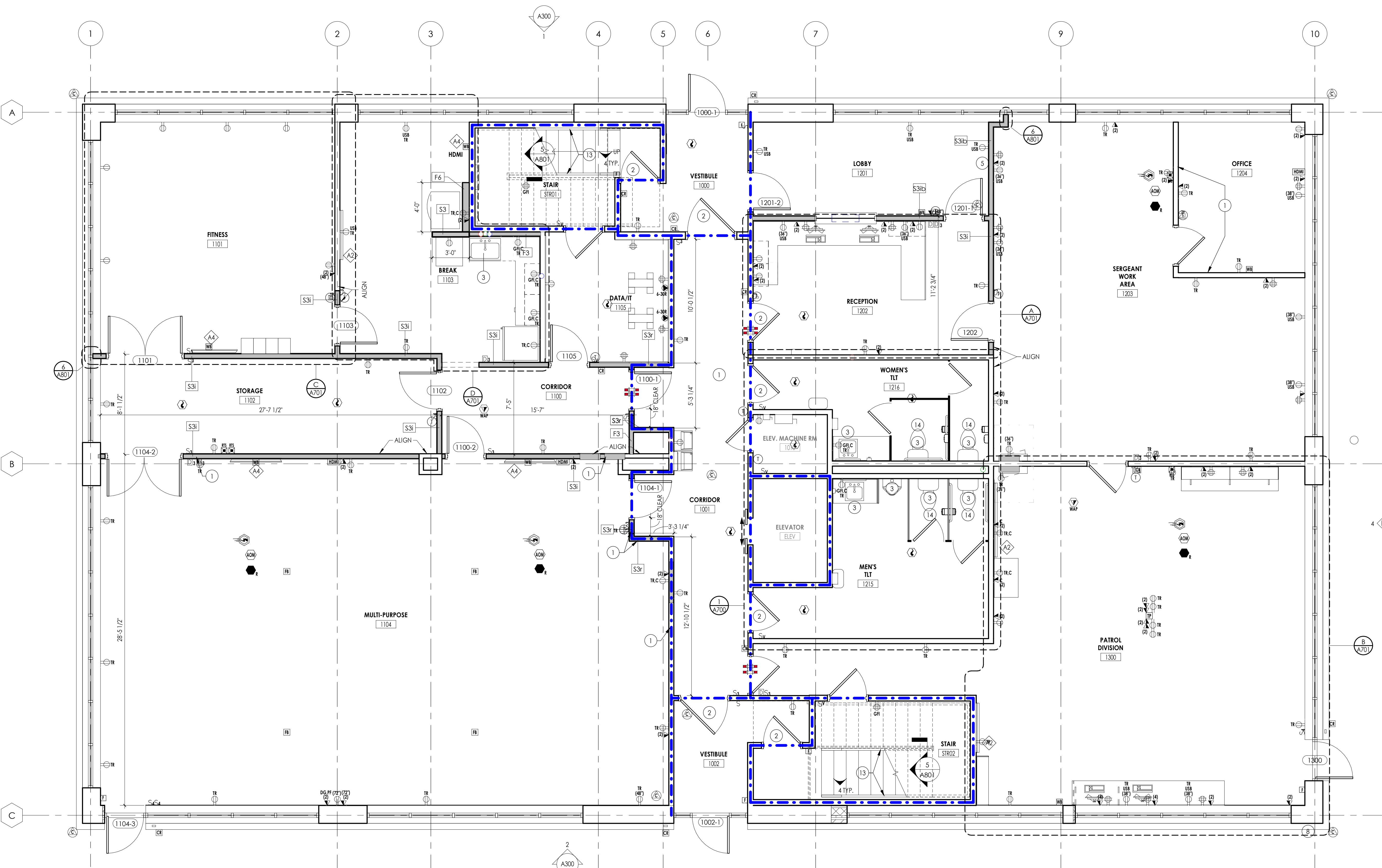
Date Description

### PROFESSIONAL STAMPS

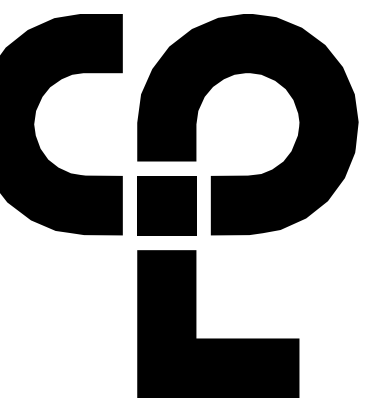


### SHEET INFORMATION

Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS Checked By: R  
Drawing Title: OVERALL FLOOR PLAN LEVEL 1  
Drawing Number:



**FLOOR PLAN LEVEL 1**  
1  
A201  
1/4" = 1'-0"  
PROJECT NORTH



**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Date: Description:

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: Scale: 05/09/2024 As Indicated  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS Checked By: RI  
Drawing Title: OVERALL FLOOR PLAN LEVEL 2  
Drawing Number:

**FLOOR PLAN GENERAL NOTES**

- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF NEW MATERIALS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE FROM FACE OF FINISH TO FACE OF FINISH UNLESS OTHERWISE NOTED.
- SEE SHEET A400 FOR INTERIOR PARTITION TYPES.
- SEE A900 FOR INTERIOR AND EXTERIOR DOORS, WINDOWS, CURTAINWALLS, AND STOREFRONTS.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
- COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
- REFER TO A700 FOR TYPICAL FIXTURE MOUNTING HEIGHTS AND ACCESSORIES LEGEND.
- REFER TO A700 & A702 FOR FURNISH AND INSTALL SCOPE OF EQUIPMENT AND ACCESSORIES.
- EQUIPMENT SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY AND ARE FOR COORDINATION OF M.E.P. INFRASTRUCTURE TO OPERATE ITEMS INCLUDED UNDER THE SCOPE.
- REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS, LOCATIONS & MEP CONNECTION LOCATION.
- ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.
- PATCH AND FINISH ALL EXISTING WALLS TO REMAIN WITHIN THE PROJECT LIMIT AREA TO RECEIVE SPECIFIED FINISHES.
- ALL EXISTING EXPANSION JOINT COVERS OR ASSEMBLIES ARE TO BE PROTECTED AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNLESS OTHERWISE NOTED.
- PROVIDE CONCRETE FLOOR PATCH AND FLOOR LEVELING AT EXISTING CONCRETE FLOORS FOR NEW FINISHES.

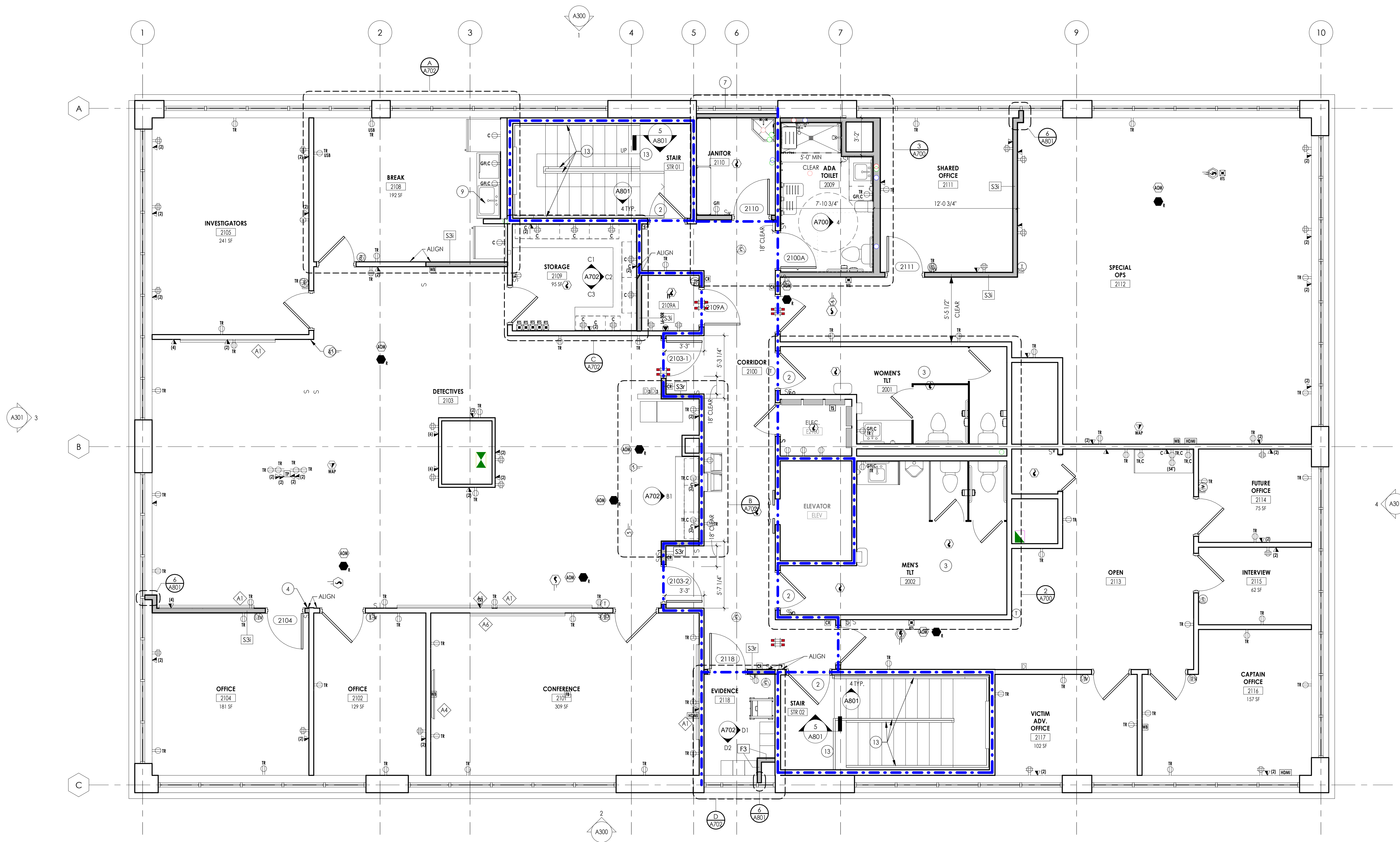
**FLOOR PLAN LEGEND**

NOTE: THE LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

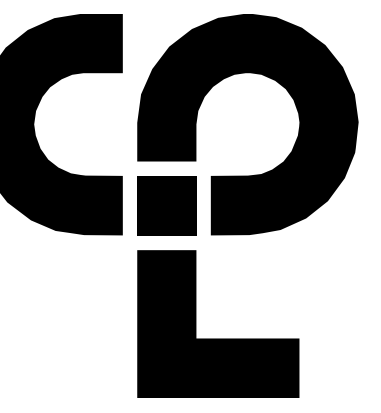
- DOOR
- DOOR TARGET, SEE SCHEDULE
- WINDOW TARGET, SEE SCHEDULE
- COLUMN LINE IDENTIFICATION
- ROOM NAME
- ROOM TAG
- XXX DENOTES CHANGE IN FLOOR MATERIAL
- WATER HEATER/ AIR HANDLER, SEE MECHANICAL DRAWINGS
- SECTION MARK
- INTERIOR ELEVATION MARK
- EXTERIOR ELEVATION MARK
- DETAIL FOR REFERENCE MARK
- BLOCKING IN WALLS FOR GRAB BAR INSTALLATION
- DENOTES FINISH FLOOR GRADE ELEVATION
- XXX WALL TYPE SEE A/400
- NFEC NEW FIRE EXTINGUISHER CABINET
- NFEB NEW FIRE EXTINGUISHER WALL MOUNTED WITH BRACKET

**FLOOR PLAN KEY NOTES**

- WALLS INDICATED TO RECEIVE SOUND ATTENUATING BATS ABOVE CEILING 24" EACH SIDE OF WALL
- REPLACE DOOR HARDWARE WITH NEW
- REPLACE ALL PLUMBING FIXTURES WITH NEW
- PATCH TO MATCH EXISTING CONSTRUCTION
- WALL-MOUNTED PHONE
- EXISTING MILLWORK TO REMAIN. PROTECT FROM DAMAGE FOR DURATION OF CONSTRUCTION.
- NOT USED
- REPAIR CRACK IN MASONRY
- REMOVE EXISTING SINK AND ASSOCIATED FAUCET. EXISTING COUNTERTOP TO REMAIN. CUT NEW OPENING IN COUNTERTOP TO ACCOMMODATE NEW SINK. RE: MEP.
- NOT USED
- NEW ROOF PENETRATIONS TO BE CONSTRUCTED WITH CURB. RE: MEP DRAWINGS FOR DETAILS.
- NEW STOREFRONT FRAME AND GLAZING TO BE INSTALLED IN EXISTING OPENING. VERIFY DIMENSIONS IN FIELD PRIOR TO INSTALLATION.
- INSTALL NEW GUARDRAIL AND HANDRAIL
- INSPECT ALL GRAB BARS AND PARTITIONS EXISTING TO REMAIN. COMPLETE ANY REPAIRS WHERE MOUNTING IS LOOSE OR ITEM IS DAMAGED.
- MAINTAIN WEATHERTIGHT CONDITIONS FOR THE DURATION OF ROOF WORK
- REPLACE ANY EXISTING DAMAGED/DETERIORATED WOOD BLOCKING AS NECESSARY TO THE NEW ROOFING SYSTEM TO BASE BID
- REPLACE ANY EXISTING DAMAGED/DETERIORATED INSULATIONS AS NECESSARY TO THE NEW ROOFING SYSTEM TO BASE BID
- REPLACE ANY EXISTING DRAIN AS NECESSARY TO THE NEW ROOFING SYSTEM TO BASE BID



1 OVERALL FLOOR PLAN - LEVEL 2  
A202 1/4" = 1'-0"



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Charlotte, NC 28210  
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**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Date: 10/09/2024  
Description: PRE-BID RFI RESPONSE

**PROFESSIONAL STAMPS**



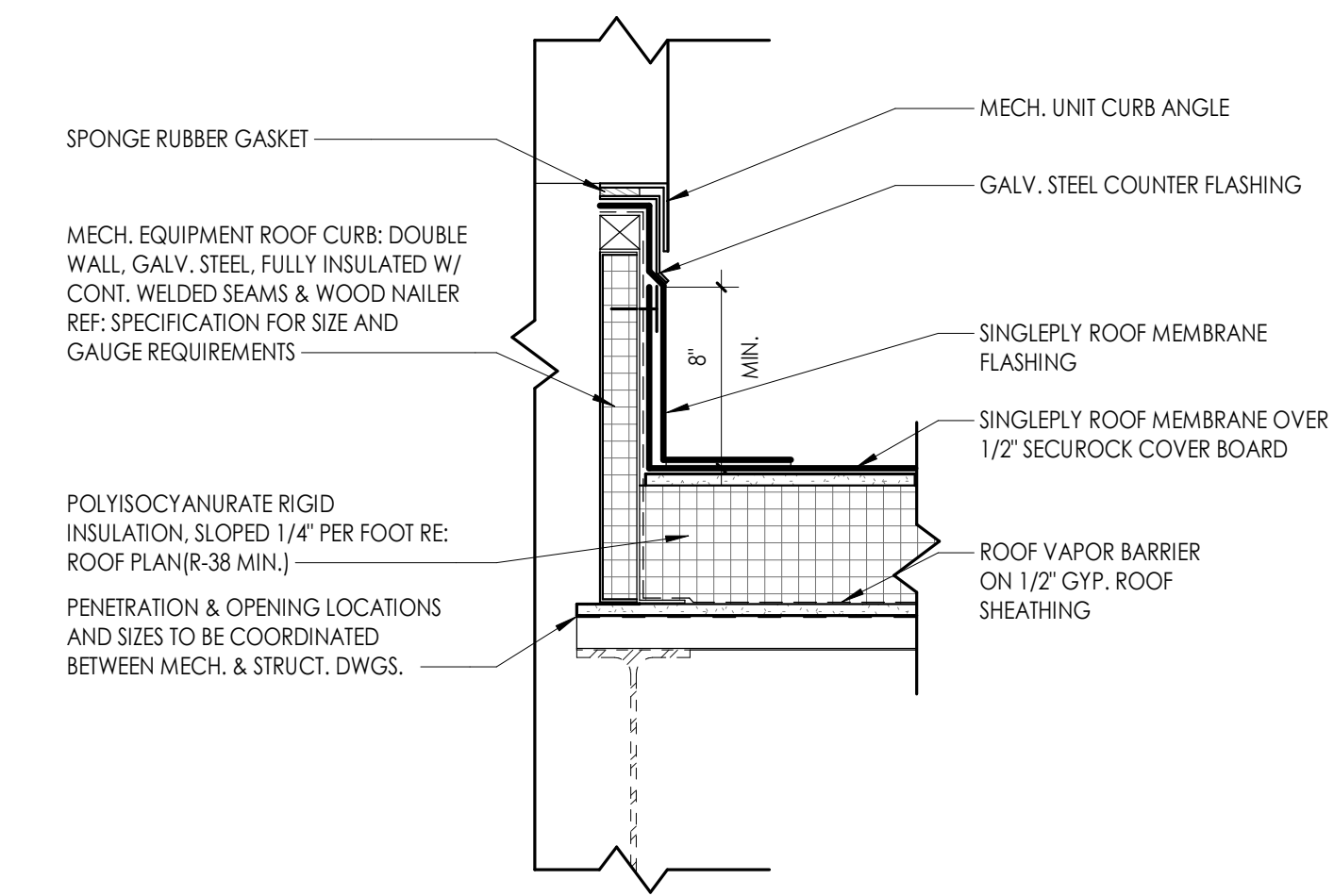
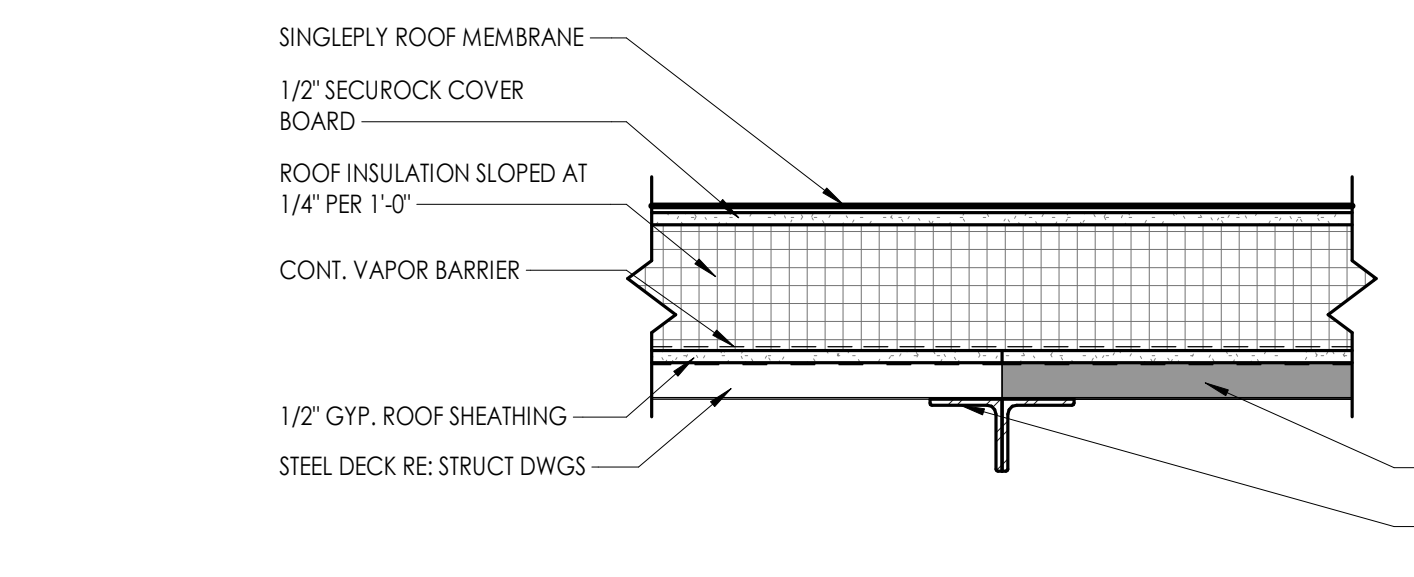
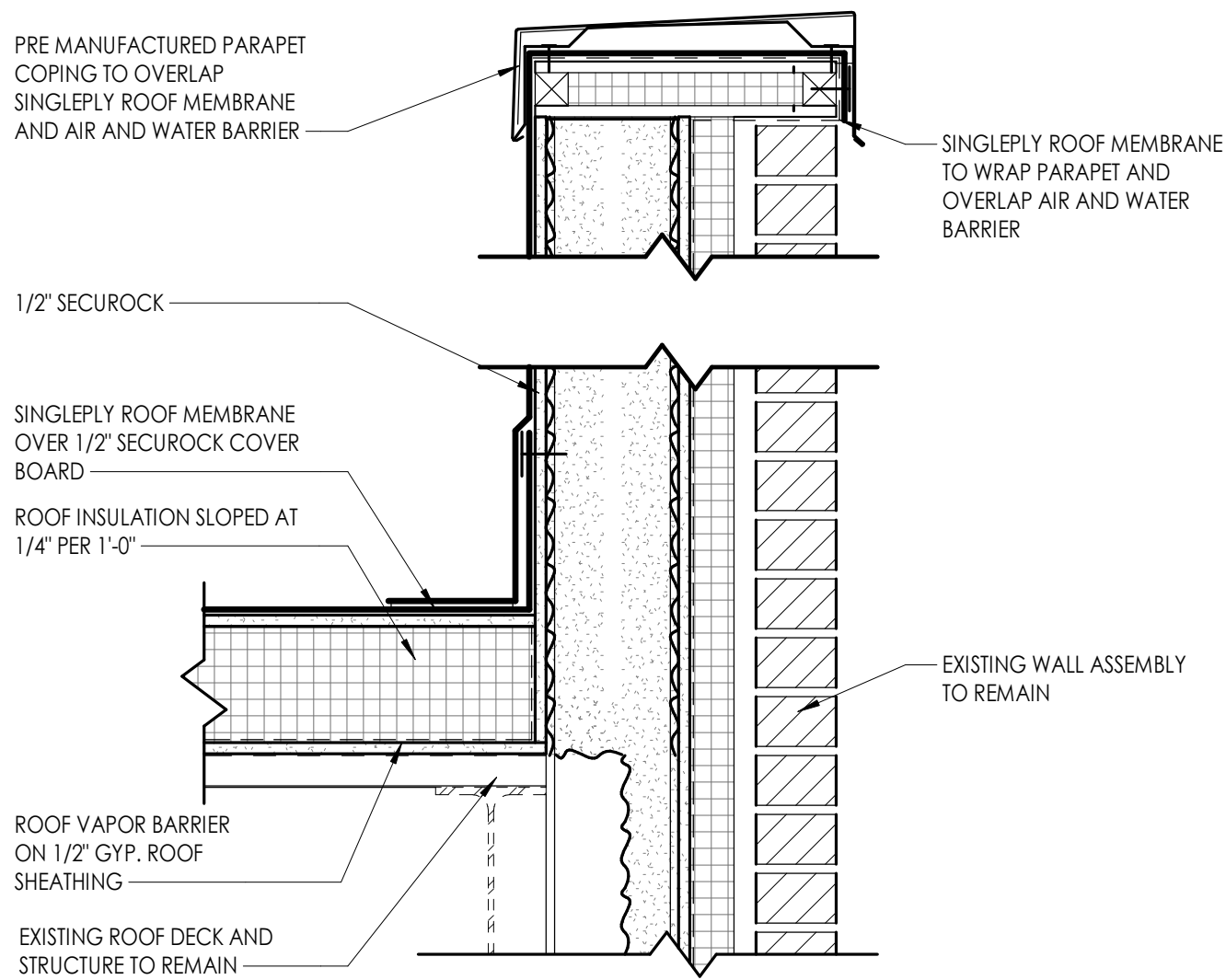
**SHEET INFORMATION**

Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS  
Checked By: RI  
Drawing Title: OVERALL ROOF PLAN

Drawing Number: A203

**ROOF PLAN GENERAL NOTES**

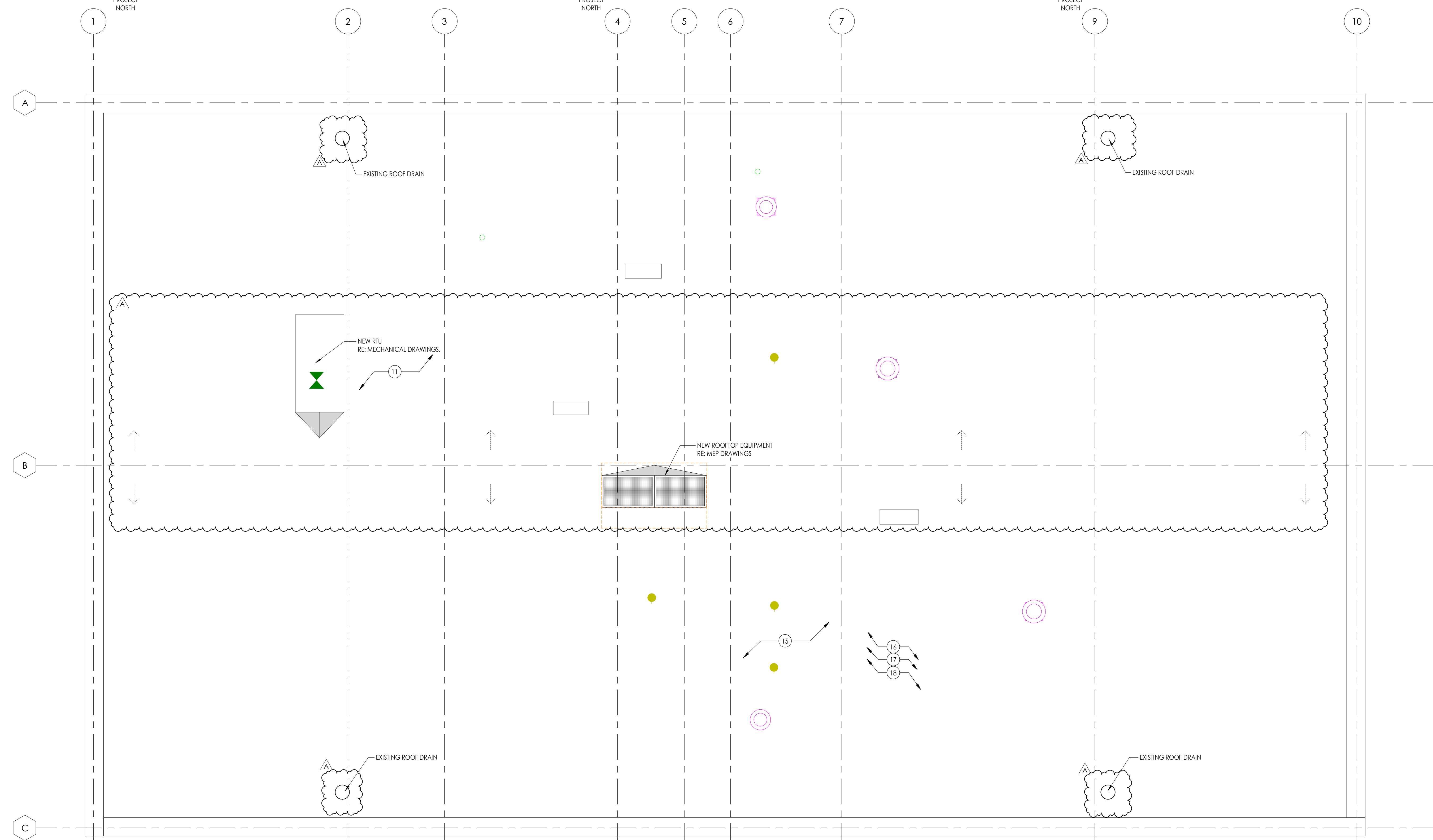
- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF MATERIALS. FIELD VERIFY ALL CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.
- REFER TO ALL DRAWINGS IN THE SET FOR LOCATIONS OF ALL ROOF PENETRATIONS. PROVIDE FRAMING AS REQUIRED.
- PAINT ALL ROOF FASTENERS EXPOSED TO VIEW AT UNDERSIDE OF DECK TO MATCH.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE BROOM CLEAN AT THE END OF EACH DAY.
- ALL WOOD BLOCKING USED SHALL BE PRESSURE TREATED.
- INSTALL ALL ROOF DRAINS AND CUTTING THE HOLES IN THE DECK FOR ANY DRAINS AND PROVIDING STRUCTURAL SUPPORTS.
- NO WEEP HOLES SHALL BE COVERED OR PLUGGED AS A RESULT OF THE ROOFING WORK, UNLESS OTHERWISE DIRECTED.
- MAINTAIN WATER TIGHTNESS AND PROVIDE PROTECTION AT ANY ALL OPENINGS IN THE ROOF LEFT AT THE END OF EACH DAY.
- PROVIDE CRICKETS FOR WATER DIVERSION AT ALL CURBS, RAILS, ETC. WHICH RUN PERPENDICULAR TO THE SLOPE OF THE INSULATION/SLOPED STRUCTURE.
- ALL ROOF TOP UNITS SHALL BE MOUNTED ON 1/2" MIN. INSULATED METAL CURBS. PROVIDE TAPERED INSULATION CRICKETS AS REQUIRED TO SHED WATER. WOOD BLOCKING SHALL BE PROVIDED SO CURBS ARE 8" ABOVE FINISHED ROOF SURFACE.
- PROVIDE WOOD BLOCKING AS REQUIRED TO MEET THE HIGH POINT (H/P) OF THE INSULATION AT ROOF EDGES. THE ROOF EDGE HEIGHT SHALL NOT VARY UNLESS OTHERWISE NOTED. ALL WOOD BLOCKING USED SHALL BE PRESERVATIVE-TREATED.
- ALL SADDLES AND CRICKETS ARE TO HAVE A MIN. 1/4" PER FOOT SLOPE AS INDICATED. PROVIDE CRICKETS FOR DIVERSION OF WATER AT ALL CURBS, RAILS, ETC. WHICH RUN PERPENDICULAR TO SLOPE OF INSULATION.
- AT ALL MECHANICAL EQUIPMENT, PROVIDE SLOPED INSULATION AS REQUIRED TO DRAIN ROOF WATER AWAY FROM HIGH SIDE OF CURBS.
- UPON COMPLETION OF WORK, THE PLUMBING CONTRACTOR SHALL SNAKE OUT ALL ROOF DRAINS AND VERIFY ALL ARE CLEAR AND LEFT IN A FREE FLOWING CONDITION.
- ALL CURBS FOR MECHANICAL EQUIPMENT SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR ASSOCIATED.
- REFER TO H102 FOR LOCATION OF EXISTING ROOF EQUIPMENT TO BE REMOVED AND WHERE THE EXISTING ROOF IS TO BE PATCHED TO MATCH EXISTING MATERIALS.



**4 A203**  
1 1/2" = 1'-0"

**3 A203**  
1 1/2" = 1'-0"

**2 A203**  
1 1/2" = 1'-0"

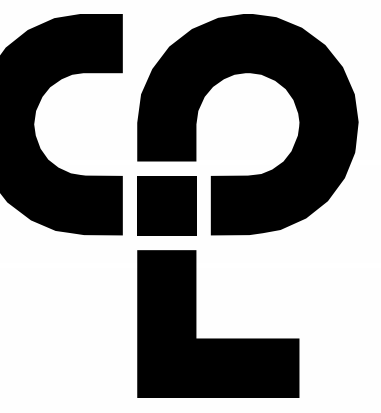


**NOTE:** REMOVE EXISTING ROOFING MEMBRANE AND BLOCKING, INCLUDING BALLAST, RIGID INSULATION AND ASSOCIATED COVER BOARDS IN ITS ENTIRETY. EXISTING ALUMINUM COPING AND ASSOCIATED BLOCKING TO BE REMOVED IN ITS ENTIRETY. LEAVE EXISTING DECKING IN PLACE AND REPLACE ANY EXISTING DECKING AS NECESSARY. REMOVE EXISTING NAILS, PROTRUSIONS FROM EXISTING DECK, REMOVE ALL LOOSE DEBRIS AND PREP FOR NEW ROOFING, RIGID INSULATION, AND TPO MEMBRANE.

**1 A203**  
1/4" = 1'-0"

**OVERALL FLOOR PLAN - ROOF**

10/09/2024 9:51:17 AM s:\projects\locations\CD Design & Project Files\A203



### ELEVATION GENERAL NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. MASONRY OPENINGS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS.
3. REFER TO A300 FOR DOOR, FRAME AND WINDOW TYPES.
4. PROVIDE ALL LOUVER OPENINGS AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR FOR FINAL SIZE AND LOCATION.
5. CONTROL JOINT = CJ
6. SOFT JOINT = SJ
7. EXPANSION JOINT = EJ
8. BUILDING EXPANSION JOINT = BEJ

### ELEVATION LEGEND

	CAST STONE		PRECAST CONCRETE
	CMU (RUNNING)		SIDING 4' HORIZONTAL
	CMU (STACKED)		STACKED STONE
	BRICK (RUNNING)		STANDING SEAM ROOF
	BRICK (STACKED)		BUILDING EXPANSION JOINT (BEJ)
	BRICK (SOLDIER)		EXPANSION JOINT (EJ)
			CONTROL JOINT (CJ)

### ELEVATION KEY NOTES

1. NEW TRANSOM TO BE GLAZED WITH INSULATED METAL PANEL TO MATCH FRAME.
2. ALL GLAZING AND STOREFRONT TO BE REPLACED IN KIND. VERIFY ROUGH OPENING PRIOR TO INSTALLATION. RE: A300
3. EXTERIOR SIGNAGE TO BE REMOVED. RE-POINT AND REPAIR BRICK. PREPARE EXTERIOR TO RECEIVE NEW SIGNAGE AS REQUIRED.
4. REPAIR CRACK IN MASONRY AND REPOINT
5. NEW SIGNAGE TO BE INSTALLED ON STANDOFFS. INSTALL PER MANUFACTURERS REQUIREMENTS TO EXISTING BRICK. SIGN TO READ "James Brent McCants Law Enforcement Center". ARCHITECT TO REVIEW SHOP DRAWINGS. OWNER TO GIVE FINAL DESIGN APPROVAL.

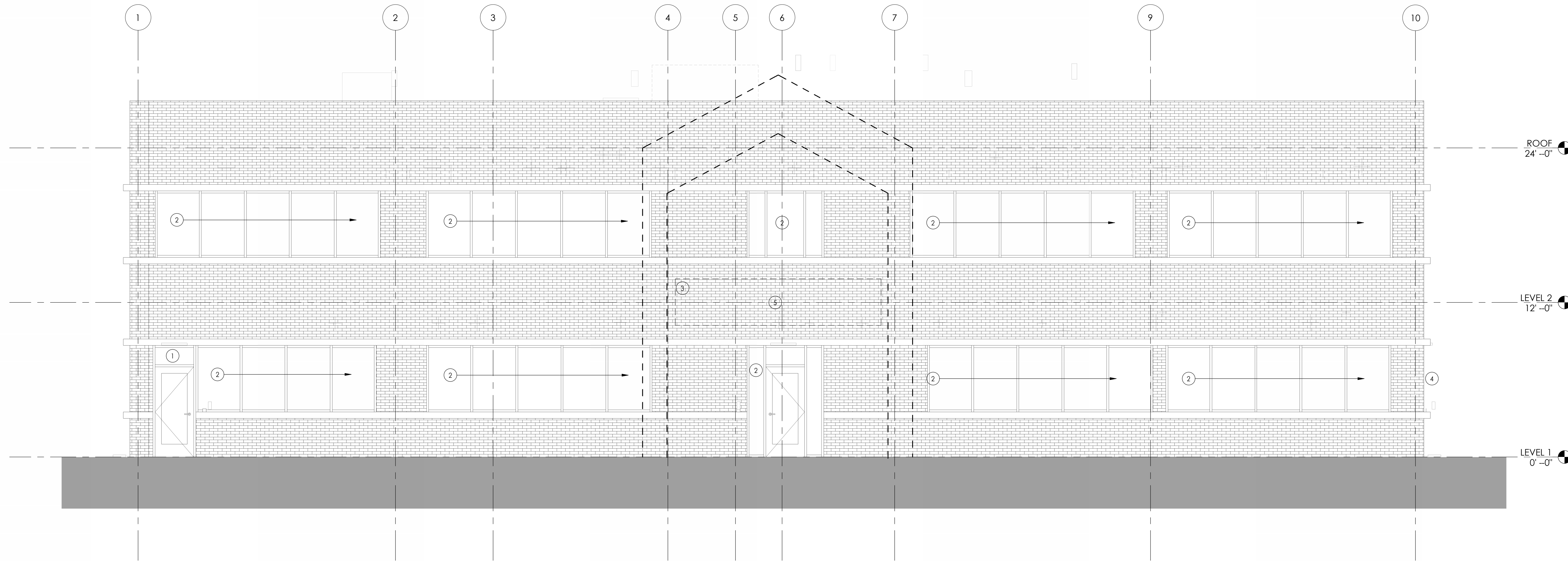
### PROJECT INFORMATION

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

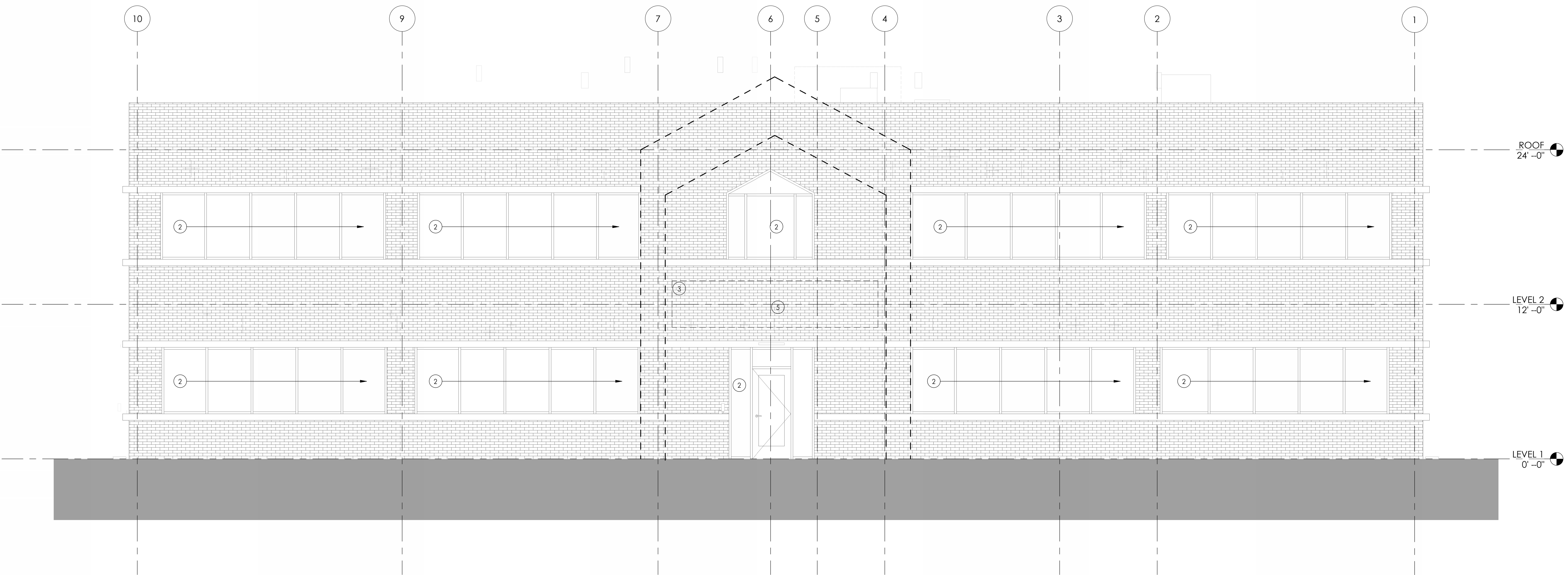
Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

### PROJECT ISSUE & REVISION SCHEDULE

Issue No.	Date	Description



2  
A300  
ELEVATION - SOUTH  
1/4" = 1'-0"



1  
A300  
ELEVATION - NORTH  
1/4" = 1'-0"

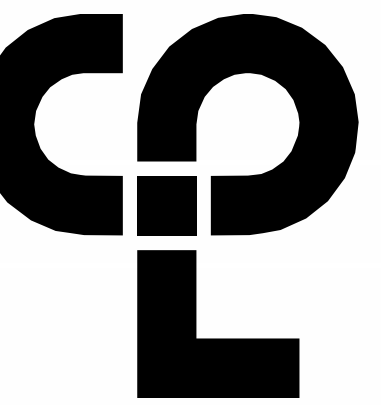
### PROFESSIONAL STAMPS



### SHEET INFORMATION

Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS Checked By: RI  
Drawing Title: BUILDING ELEVATIONS

Drawing Number



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 6302 Fairview Road Suite 102  
 Charlotte, NC 28210  
 CPLteam.com

**PROJECT INFORMATION**  
 Project Number  
 R23.00720.00  
 Client Name  
**YORK COUNTY, SC**  
 Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**  
 # Date Description

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**  
 Name: Scale: As Indicated  
 Date: 05/09/2024  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: NDS Checked By: RI  
 Drawing Title: BUILDING ELEVATIONS  
 Drawing Number:

A301

**ELEVATION GENERAL NOTES**

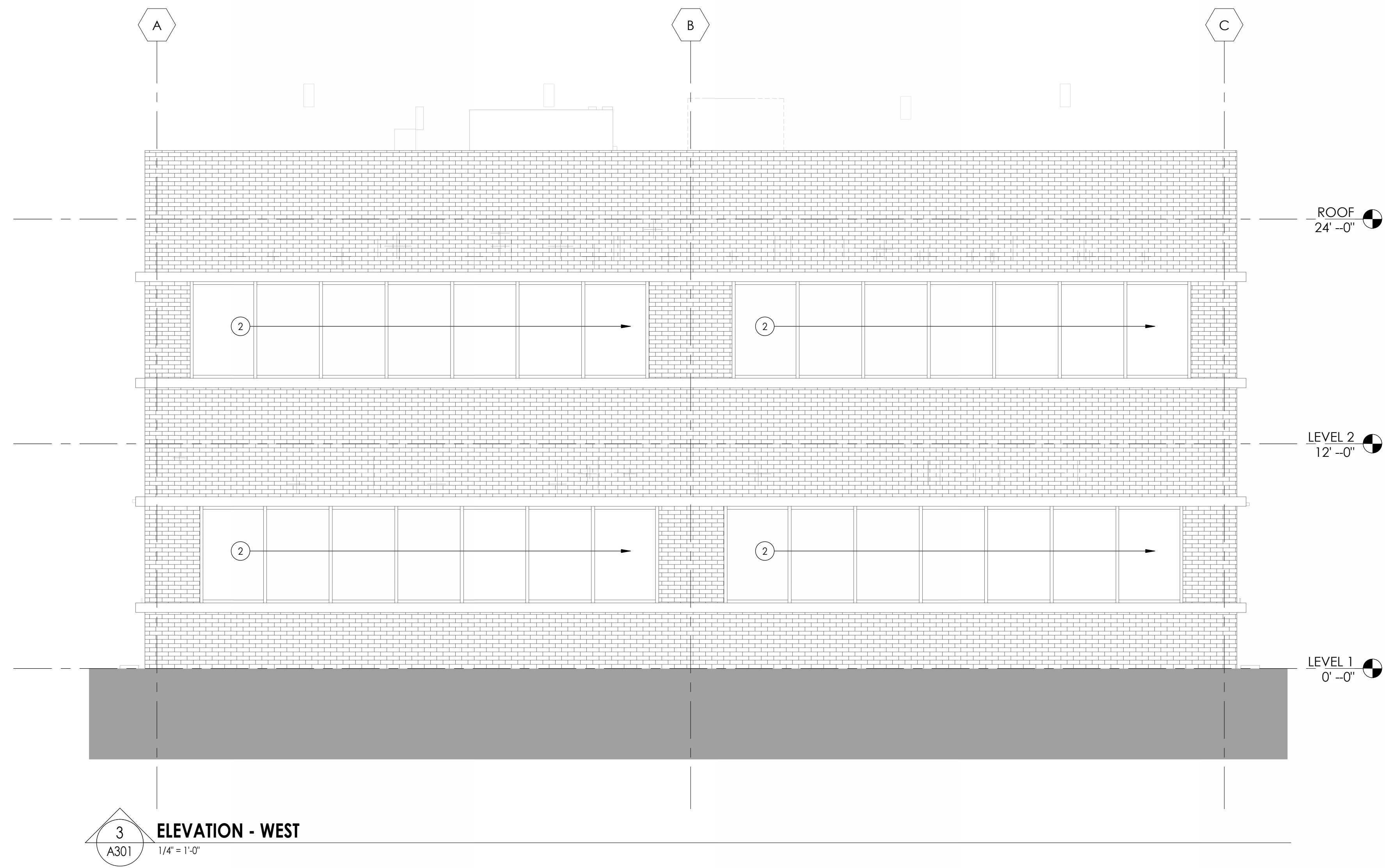
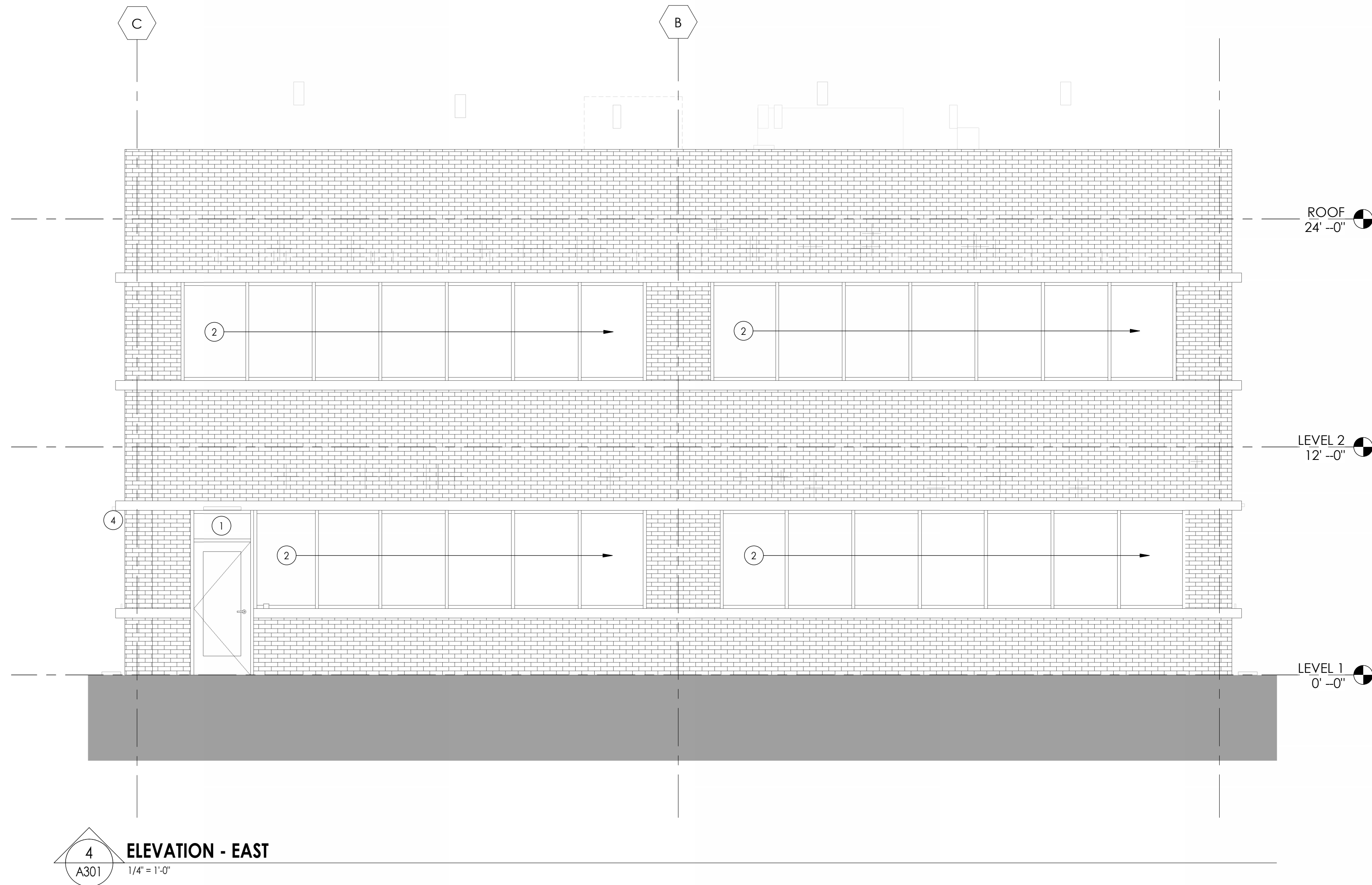
1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. MASONRY OPENINGS ARE APPROXIMATE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS.
3. REFER TO A300 FOR DOOR, FRAME AND WINDOW TYPES.
4. PROVIDE ALL LOUVER OPENINGS AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR FOR FINAL SIZE AND LOCATION.
5. CONTROL JOINT = C-J
6. SOFT JOINT = S-J
7. EXPANSION JOINT = E-J
8. BUILDING EXPANSION JOINT = BE-J

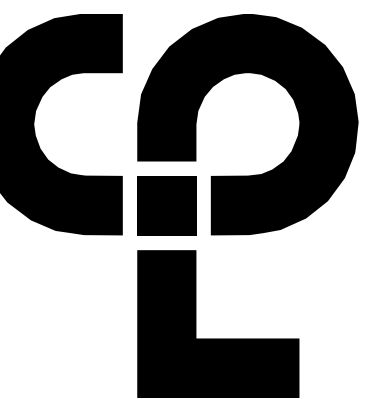
**ELEVATION LEGEND**

	CAST STONE		PRECAST CONCRETE
	CMU (RUNNING)		SIDING 4' HORIZONTAL
	CMU (STACKED)		STACKED STONE
	BRICK (RUNNING)		STANDING SEAM ROOF
	BRICK (STACKED)		BUILDING EXPANSION JOINT (BE-J)
	BRICK (SOLDIER)		EXPANSION JOINT (E-J)
			CONTROL JOINT (C-J)

**ELEVATION KEY NOTES**

1. NEW TRANSOM TO BE GLAZED WITH INSULATED METAL PANEL TO MATCH FRAME.
2. ALL GLAZING AND STOREFRONT TO BE REPLACED IN KIND. VERIFY ROUGH OPENING PRIOR TO INSTALLATION. RE: A300
3. EXTERIOR SIGNAGE TO BE REMOVED. RE-POINT AND REPAIR BRICK. PREPARE EXTERIOR TO RECEIVE NEW SIGNAGE AS REQUIRED.
4. REPAIR CRACK IN MASONRY AND REPOINT
5. NEW SIGNAGE TO BE INSTALLED ON STANDOFFS. INSTALL PER MANUFACTURER'S REQUIREMENTS TO EXISTING BRICK. SIGN TO READ "James Brent McCants Law Enforcement Center". ARCHITECT TO REVIEW SHOP DRAWINGS. OWNER TO GIVE FINAL DESIGN APPROVAL.





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**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

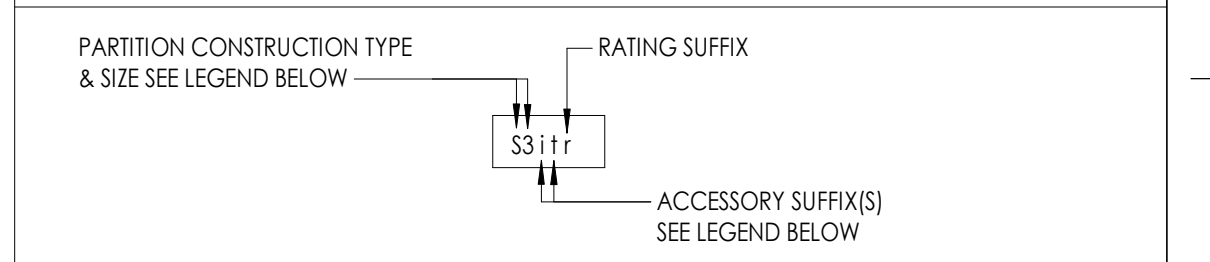
**PROJECT ISSUE & REVISION SCHEDULE**

No.	Date	Description

**PARTITION GENERAL NOTES**

- ALL WALL TYPES MAY NOT BE USED ON THIS PROJECT.
- UNLESS NOTED OTHERWISE ALL PARTITIONS ARE FULL HEIGHT, EXTEND & SECURE TO UNDERSIDE OF CONCRETE OR METAL DECK ABOVE.
- PROVIDE UL APPROVED TRACKS AT METAL STUD AND WALL TO WALL CONDITIONS AT ALL RATED WALLS.
- PROVIDE DEFLECTION TRACKS AT METAL STUD PARTITIONS THAT TERMINATE AT THE UNDERSIDE OF STRUCTURE AND DECK.
- REFER TO STRUCTURAL DRAWINGS FOR MASONRY WALL REINFORCEMENT.
- REFER TO CODE/LIFE SAFETY DRAWINGS FOR RATED PARTITIONS AND UL ASSEMBLIES.
- REFER TO INTERIOR DRAWINGS FOR LOCATIONS OF WALL TILE, AND OTHER SPECIALTY WALL FINISHES. PROVIDE 5/8" TILE BACKER BOARD AT ALL WALLS RECEIVING TILE.
- PROVIDE MOISTURE RESISTANT GYP. BD. AT ALL TOILET ROOMS, JANITOR'S CLOSETS AND OTHER WET LOCATIONS WHERE TILE AND TILE BACKER BOARD ARE NOT INSTALLED.
- PARTITION TYPES WITH ONE SIDE OF DOUBLE DRYWALL TO BE PLACED SO THAT THE DOUBLE SIDE IS ON CORRIDOR AND/OR HIGH TRAFFIC SIDE OF WALL.
- REFER TO SPECIFICATIONS FOR METAL STUD GAUGE REQUIREMENTS.
- COORDINATE ALL PARTITION ACCESSORIES (APPLIED FINISHES, RESILIENT CHANNEL, ADDITIONAL LAYERS OF SHEATHING, SHIELDING, ETC.) ITEMS SHOWN IN TYPICAL WALL CONSTRUCTION DETAILS MAY HAVE TO BE ARRANGED ON DIFFERENT SIDES OF WALL ASSEMBLY TO ACHIEVE FLUSH CONTINUOUS WALL SURFACES. ANY CONFLICTS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- FIRESTOP/SMOKE STOP ALL REQUIRED WALL PARTITIONS, SLABS, AND PENETRATIONS THROUGH NEW AND EXISTING WALLS WITHIN THE PROJECT LIMITS IN COORDINATION WITH CODE PLAN, OR WHERE COORDINATED SYSTEMS CONNECTION POINTS ARE LOCATED OUTSIDE THE PROJECT LIMIT AREA, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS AND SPECIFICATION DIVISION 7.
- NOTIFY OWNER AND ARCHITECT IF EXISTING NON-COMPLIANT PENETRATIONS ARE DISCOVERED NOT FIRESTOPPED IN COORDINATION WITH CODE PLAN.
- PROVIDE CONTROL JOINT WHERE NEW PARTITIONS BUTT EXISTING CONSTRUCTION.
- PROVIDE CONTROL JOINTS A MAXIMUM OF 30'-0" APART UNLESS NOTED OTHERWISE, PER ASTM C 840-17A. LOCATE ABOVE DOOR FRAMES WHERE POSSIBLE.
- PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES.

**PARTITION TYPE TAG LEGEND**



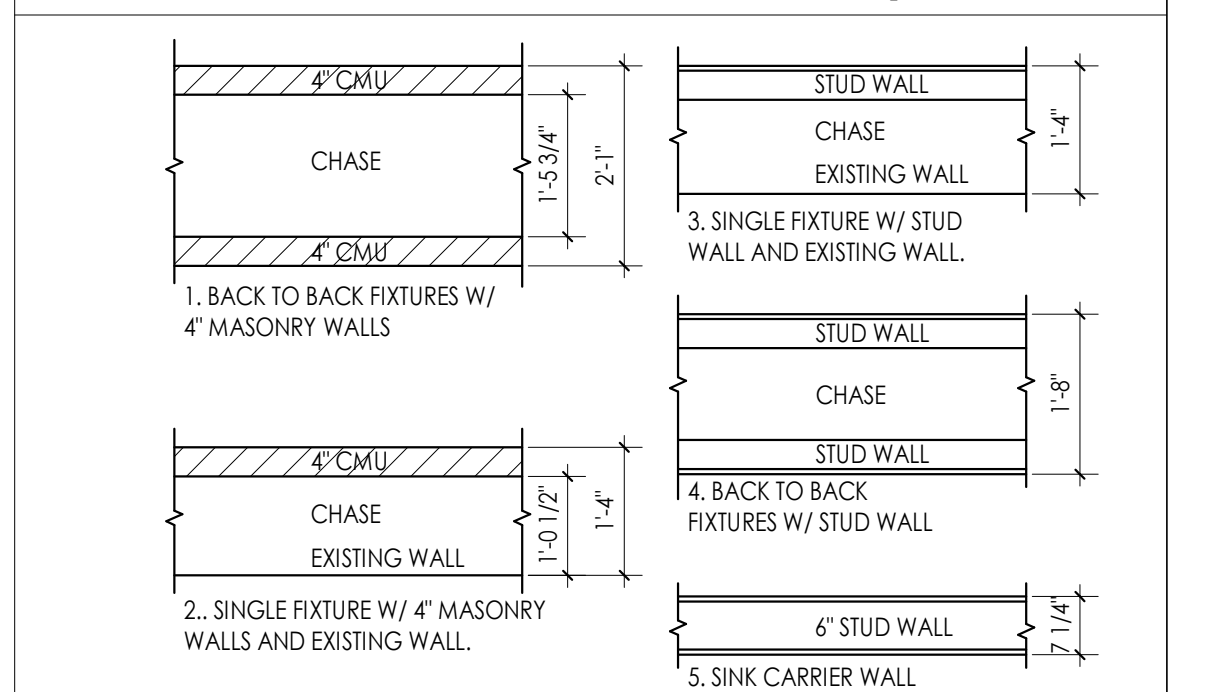
**PARTITION CONSTRUCTION TYPE & SIZE LEGEND**

- |  |   |
|--|---|
| <b>SF</b> STEEL STUDS FINISH BOTH SIDES  | <b>LF</b> LUMBER (WOOD) STUDS FINISH BOTH SIDES   |
| <ul style="list-style-type: none"> <li>1 = 1 5/8" C STUD</li> <li>2 = 2 1/2" C STUD</li> <li>3 = 3 5/8" C STUD</li> <li>4 = 4" C STUD</li> <li>6 = 6" C STUD</li> <li>8 = 8" C STUD</li> </ul> | <ul style="list-style-type: none"> <li>4 = 2x4 NOMINAL LUMBER WOOD STUDS</li> <li>6 = 2x6 NOMINAL LUMBER WOOD STUDS</li> <li>8 = 2x8 NOMINAL LUMBER WOOD STUDS</li> </ul>   |
| <b>FS</b> STEEL STUD FURRING FINISH ONE SIDE   | <b>LFH</b> LUMBER (WOOD) STUD FURRING FINISH ONE SIDE   |
| <ul style="list-style-type: none"> <li>1 = 1 5/8" C STUD</li> <li>2 = 2 1/2" C STUD</li> <li>3 = 3 5/8" C STUD</li> <li>4 = 4" C STUD</li> <li>6 = 6" C STUD</li> <li>8 = 8" C STUD</li> </ul> | <ul style="list-style-type: none"> <li>4 = 2x4 NOMINAL LUMBER (WOOD) STUDS</li> <li>6 = 2x6 NOMINAL LUMBER (WOOD) STUDS</li> <li>8 = 2x8 NOMINAL LUMBER (WOOD) STUDS</li> </ul>   |
| <b>WS</b> STEEL STUD SHAFT WALL ASSEMBLY FINISH ONE SIDE   | <b>A</b> APPLIED FINISH   |
| <ul style="list-style-type: none"> <li>2 = 2 1/2" CH SHAFT WALL STUD</li> <li>4 = 4" CH SHAFT WALL STUD</li> <li>6 = 6" CH SHAFT WALL STUD</li> </ul>  | <ul style="list-style-type: none"> <li>NON SELF SUPPORTING/ATTACHED TO OTHER STRUCTURE</li> </ul>   |
| <b>BS</b> CONSTRUCTION BARRIER/TEMP WALL   | <b>CR</b> RESILIENT CHANNEL   |
| <ul style="list-style-type: none"> <li>1 = 1 5/8" C STUD</li> <li>2 = 2 1/2" C STUD</li> <li>3 = 3 5/8" C STUD</li> <li>4 = 4" C STUD</li> <li>6 = 6" C STUD</li> <li>8 = 8" C STUD</li> </ul> | <ul style="list-style-type: none"> <li>NON SELF SUPPORTING/ATTACHED TO OTHER STRUCTURE</li> <li>1 = 1 1/2" RC-1 RESILIENT CHANNEL</li> <li>2 = 1 1/2" RC-2 RESILIENT CHANNEL</li> </ul>   |
| <b>MW</b> CONCRETE MASONRY UNIT  | <b>HC</b> HAT CHANNEL   |
| <ul style="list-style-type: none"> <li>4 = 4" NOMINAL CMU</li> <li>6 = 6" NOMINAL CMU</li> <li>8 = 8" NOMINAL CMU</li> <li>10 = 10" NOMINAL CMU</li> <li>12 = 12" NOMINAL CMU</li> </ul>       | <ul style="list-style-type: none"> <li>NON SELF SUPPORTING/ATTACHED TO OTHER STRUCTURE</li> <li>1 = 7/8" HAT CHANNEL</li> <li>2 = 1 1/2" HAT CHANNEL</li> </ul>   |
|  | <b>ZF</b> ZEE-FURRING   |
|  | <ul style="list-style-type: none"> <li>NON SELF SUPPORTING/ATTACHED TO OTHER STRUCTURE</li> <li>1 = 1" ZEE FURRING</li> <li>1.5 = 1 1/2" ZEE FURRING</li> <li>2 = 2" ZEE FURRING</li> <li>2.5 = 2 1/2" ZEE FURRING</li> <li>3 = 3" ZEE FURRING</li> </ul> |

**PARTITION TYPE SUFFIX**

- ACCESSORIES SUFFIX:**
- i - SOUND ATTENUATING BATT INSULATION (FIBERGLASS) FRICTION FIT BETWEEN STUDS TO FILL CAVITY
  - b - BULLET RESISTANT WALL PANEL IN PLACE OF TYPICAL GWB
  - w - SOUND ATTENUATING FIRE BATT INSULATION (ROCK WOOL) FRICTION FIT BETWEEN STUDS TO FILL CAVITY
  - l - CERAMIC WALL TILE (1) SIDE W/ THINSET MORTAR BED, 5/8" CEMENT BACKER BOARD IN LIEU OF 5/8" GYP. AT TILE LOCATIONS - SEE INTERIOR ELEVATIONS FOR TILE EXTENTS
  - ll - CERAMIC WALL TILE (2) SIDES W/ THINSET MORTAR BED, 5/8" CEMENT BACKER BOARD IN LIEU OF 5/8" GYP. AT TILE LOCATIONS - SEE INTERIOR ELEVATIONS FOR TILE EXTENTS
  - b - INTERIOR VENER MASONRY/STONE APPLIED FINISH, REFER TO DETAILS FOR CONSTRUCTION, AND INTERIOR ELEVATIONS FOR EXTENTS
  - g - CMU WALL GROUT CORES SOLID
  - s - ADD 1/2" RC-1 RESILIENT SOUND CHANNEL BEHIND SPECIFIED SHEATHING
  - k - ADD ADDITIONAL (1) LAYER OF 5/8" GYP BOARD, TO ONE SIDE OF WALL
  - kk - ADD ADDITIONAL (2) LAYERS OF 5/8" GYP BOARD, (1) EA. SIDE OF WALL
  - e - ADD ADDITIONAL (1) LAYER OF 5/8" FRT PLYWOOD BOLTED TO WALL FOR MOUNTING OF ELECTRICAL PANELS/ EQUIPMENT WHERE NOTED ON ELEC. DWGS.
  - v - SUBSTITUTE (1) LAYER OF 5/8" SOUNDBLOCK GYP. W/ INTEGRAL VISCOELASTIC POLYMER CORE FOR (1) LAYER OF SPECIFIED 5/8" TYPE X GYP.
  - vv - SUBSTITUTE 5/8" SOUNDBLOCK GYP. W/ INTEGRAL VISCOELASTIC POLYMER CORE FOR ALL LAYER OF SPECIFIED 5/8" TYPE X GYP.
  - p - LEAD SHIELDING REFER TO PHYSICIST REPORT FOR REQUIREMENTS
  - x - COPPER MAGNETIC/RF SHIELDING REFER TO PHYSICIST REPORT FOR REQUIREMENTS
  - c - WALL FINISH TO TERMINATE 6" ABV. HIGHEST ADJACENT CEILING STUDS TO RUN TO UNDERSIDE OF DECK ABOVE.
  - y - WALL STRUCTURE TERMINATES 12" ABV. HIGHEST ADJACENT CEILING, PROVIDE STRUCTURAL BRACING AT TOP OF WALL AS REQUIRED.
  - n - KNEE WALL, REFER TO INTERIOR ELEVATIONS FOR HEIGHT & SILL CONDITION, REFER TO STRUCTURAL DETAILS FOR REQUIRED SUPPLEMENTAL STEEL AND ANCHORING REQUIREMENTS
- RATING SUFFIX:**
- r - 1 HR RATED ASSEMBLY REFER TO UL DETAILS FOR RATED CONSTRUCTION REQUIREMENTS
  - d - 2 HR RATED ASSEMBLY REFER TO UL DETAILS FOR RATED CONSTRUCTION REQUIREMENTS
  - rd - 3 HR RATED ASSEMBLY REFER TO UL DETAILS FOR RATED CONSTRUCTION REQUIREMENTS
  - dd - 4 HR RATED ASSEMBLY REFER TO UL DETAILS FOR RATED CONSTRUCTION REQUIREMENTS

**MIN. PLUMBING CHASE DIMENSIONAL REQUIREMENTS**



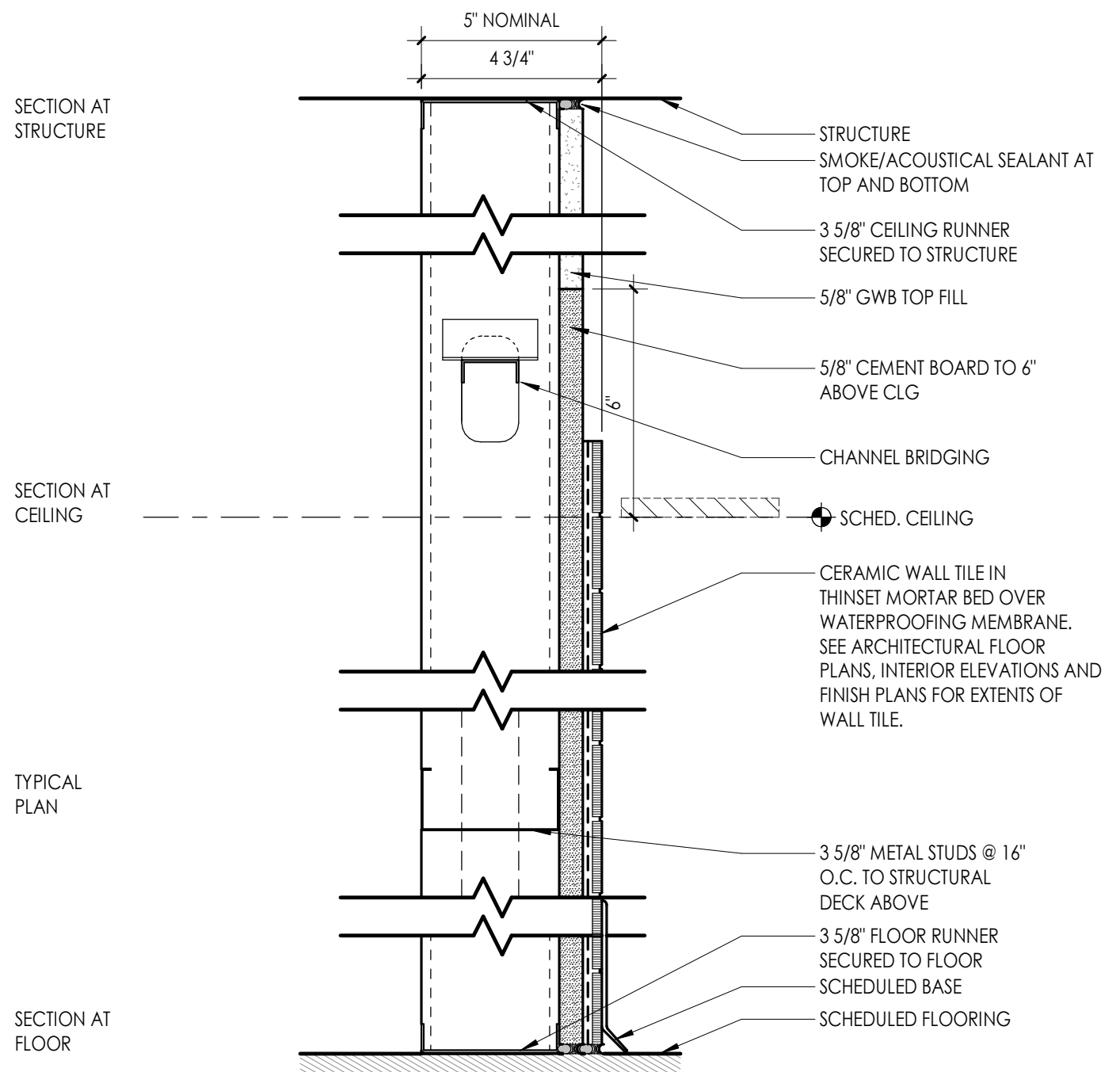
**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

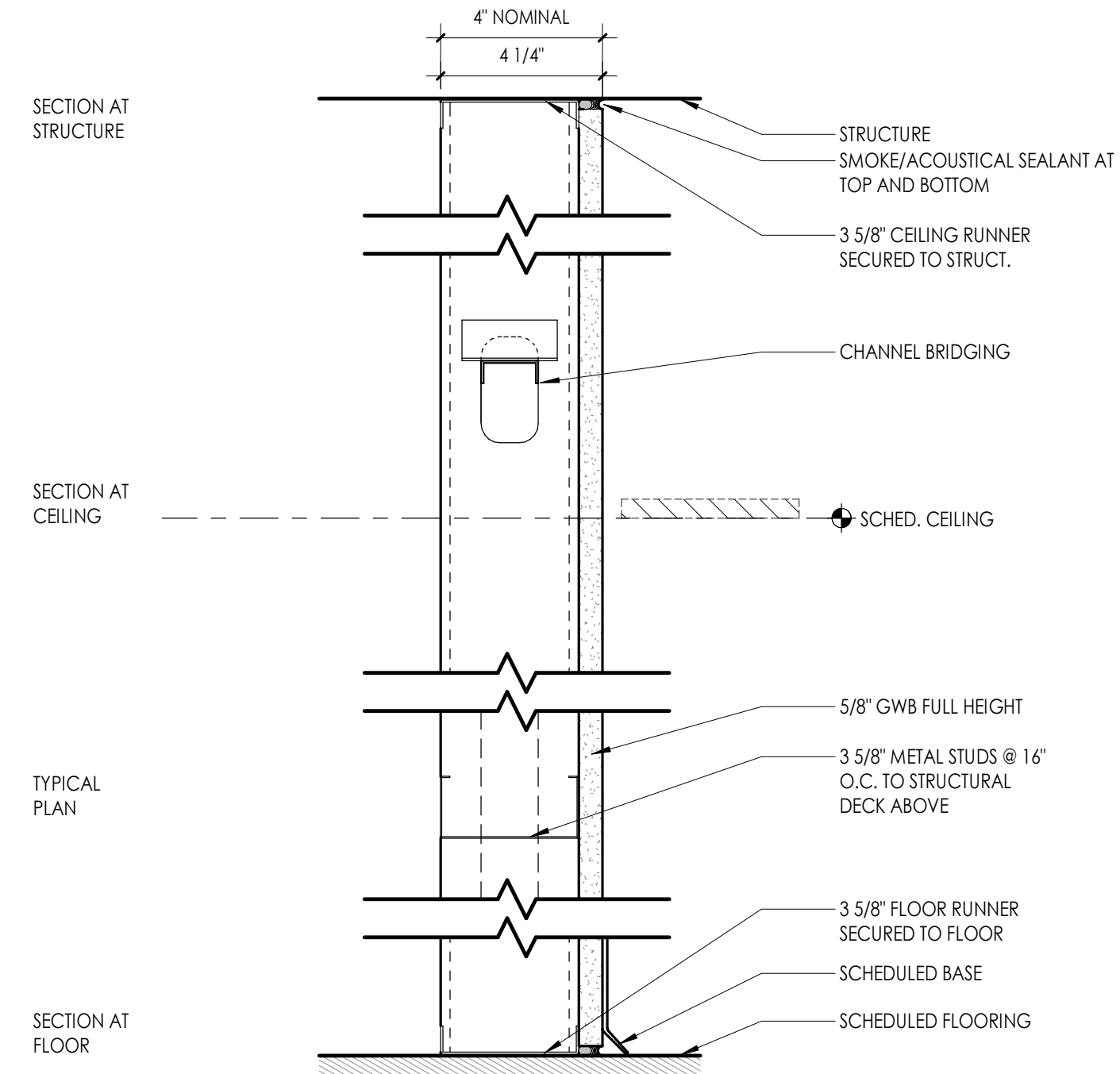
Name: As indicated  
Scale: As indicated  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS  
Checked By: RI  
Drawing Title: WALL TYPES  
Drawing Number:

A400



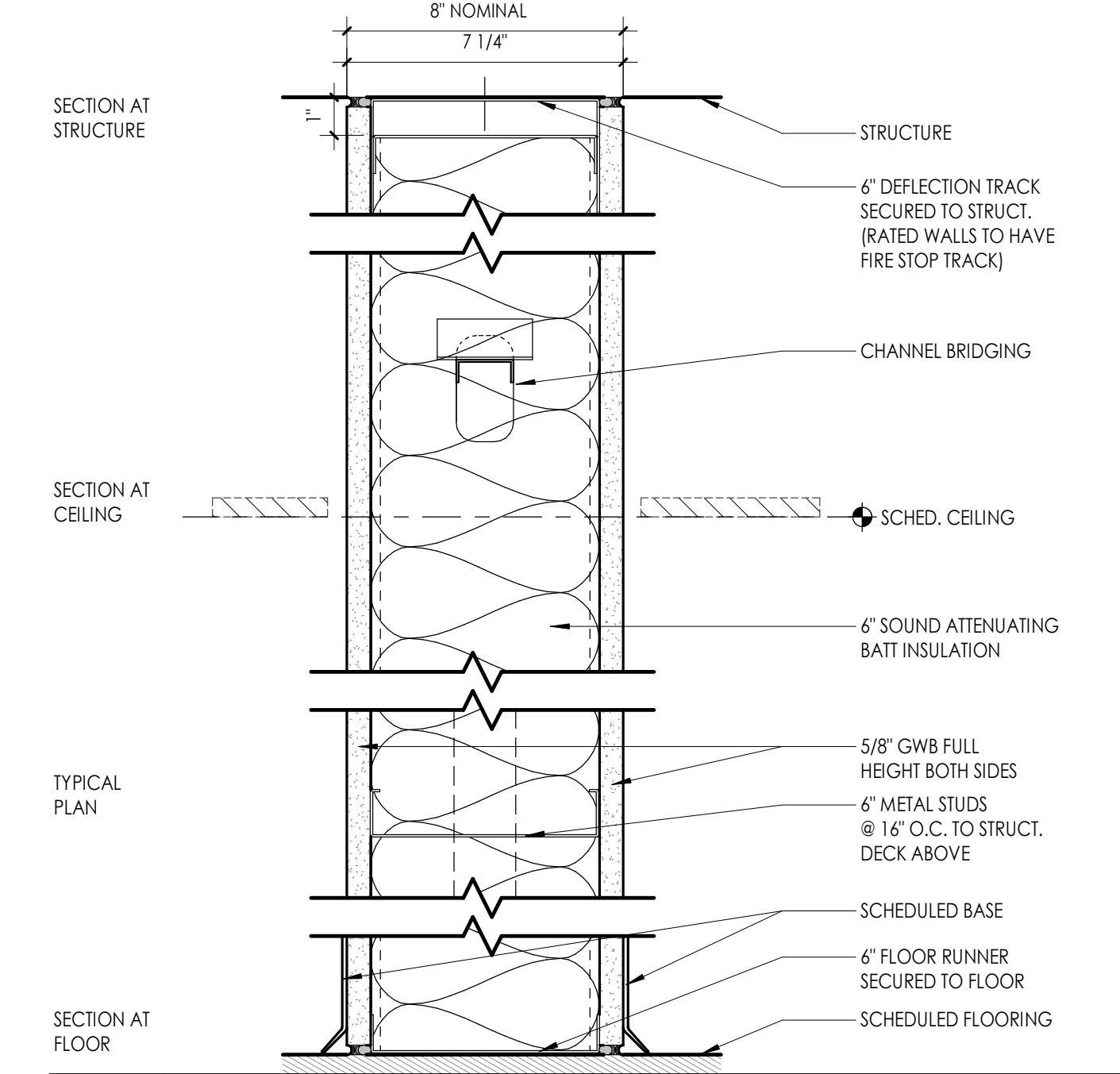
TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
F3T		NR	NA	SMOKE/ACOUSTICAL SEALANT AT TOP AND BOTTOM

NOTE: FURRING EXCEEDING 8FT IN HEIGHT SHALL BE BRACED AT 8FT O.C. BACK TO STRUCTURE. PROVIDE ATTACHMENT CLIPS AT FIRE PROOFING.

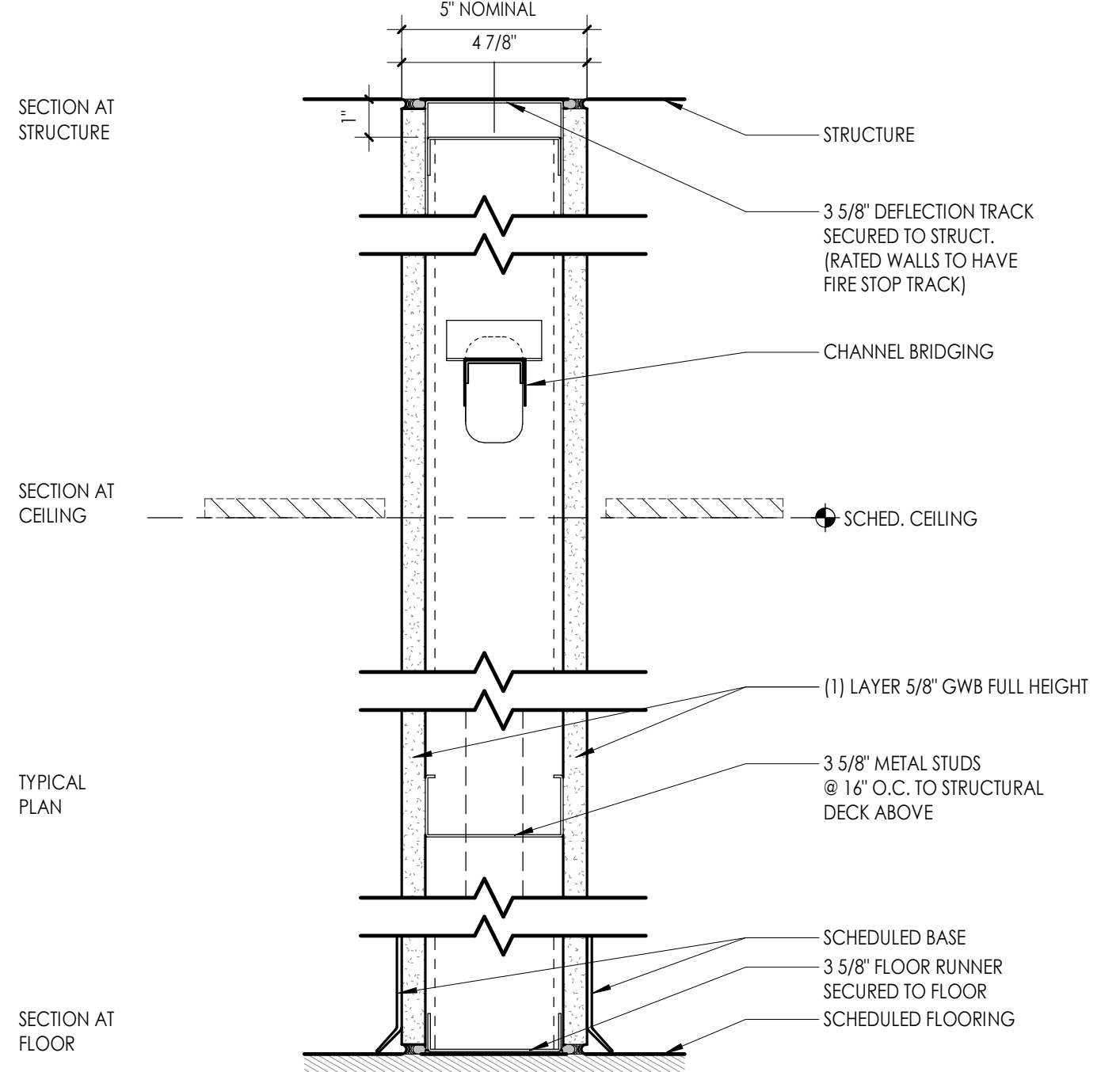


TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
F3		NR	NA	

NOTE: FURRING EXCEEDING 8FT IN HEIGHT SHALL BE BRACED AT 8FT O.C. BACK TO STRUCTURE. PROVIDE ATTACHMENT CLIPS AT FIRE PROOFING.

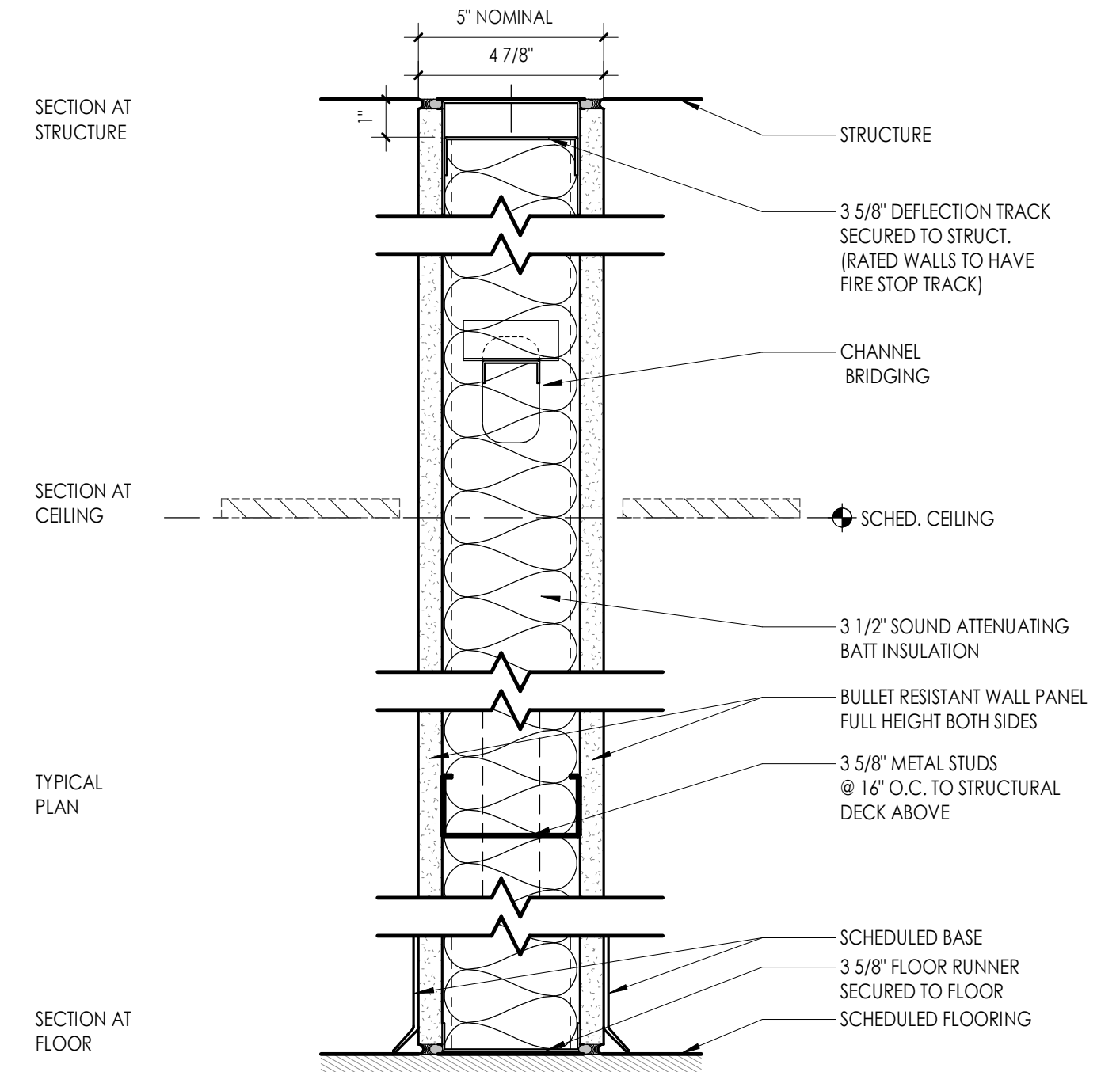


TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
S3	UL # NGC 2013022	NR	40	SMOKE/ACOUSTICAL SEALANT AT TOP AND BOTTOM

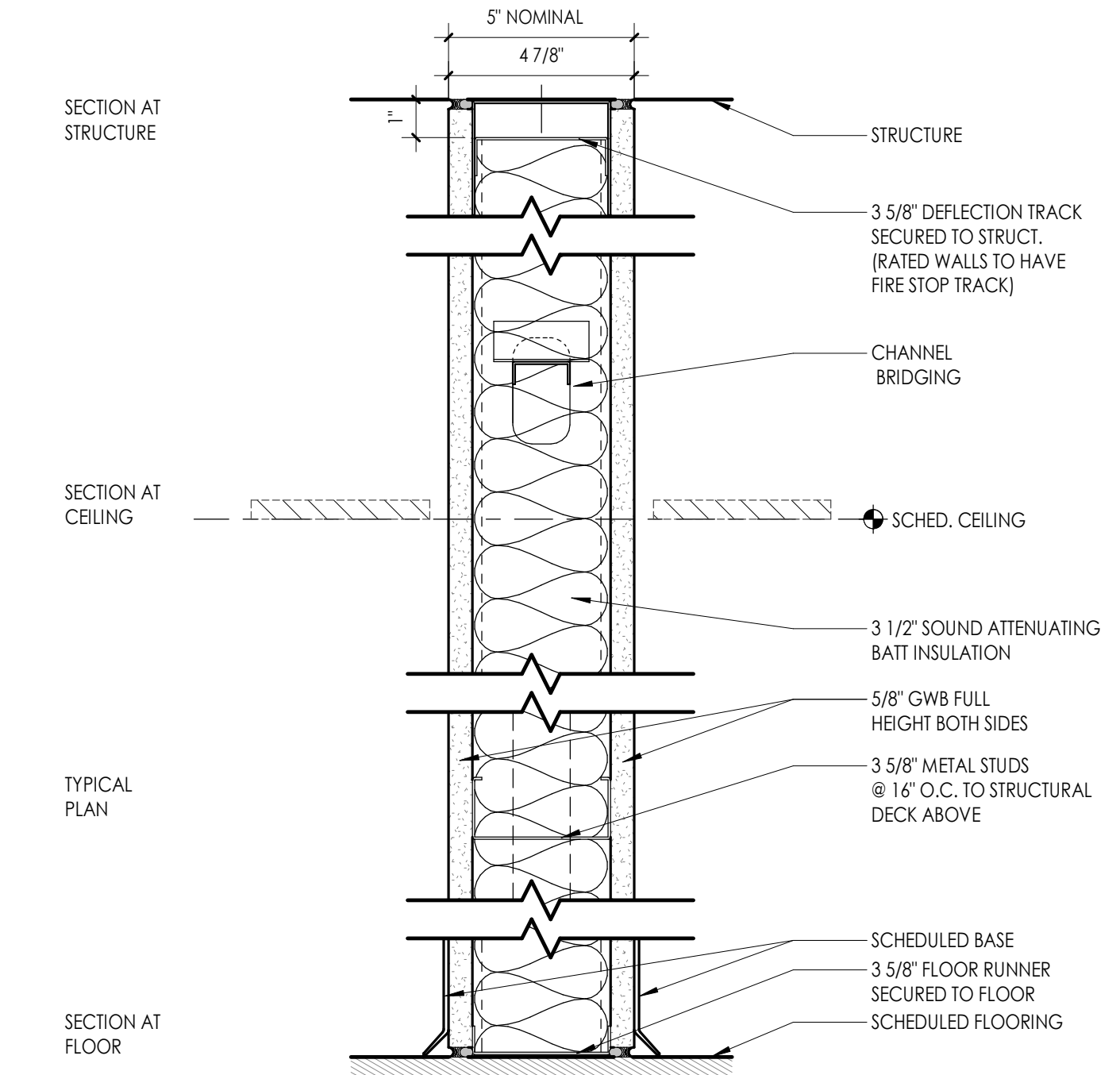


TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
S3r	NGC 2518 UL # U465-1 HR	1HR	37	FIRE/ACOUSTICAL SEALANT AT TOP AND BOTTOM

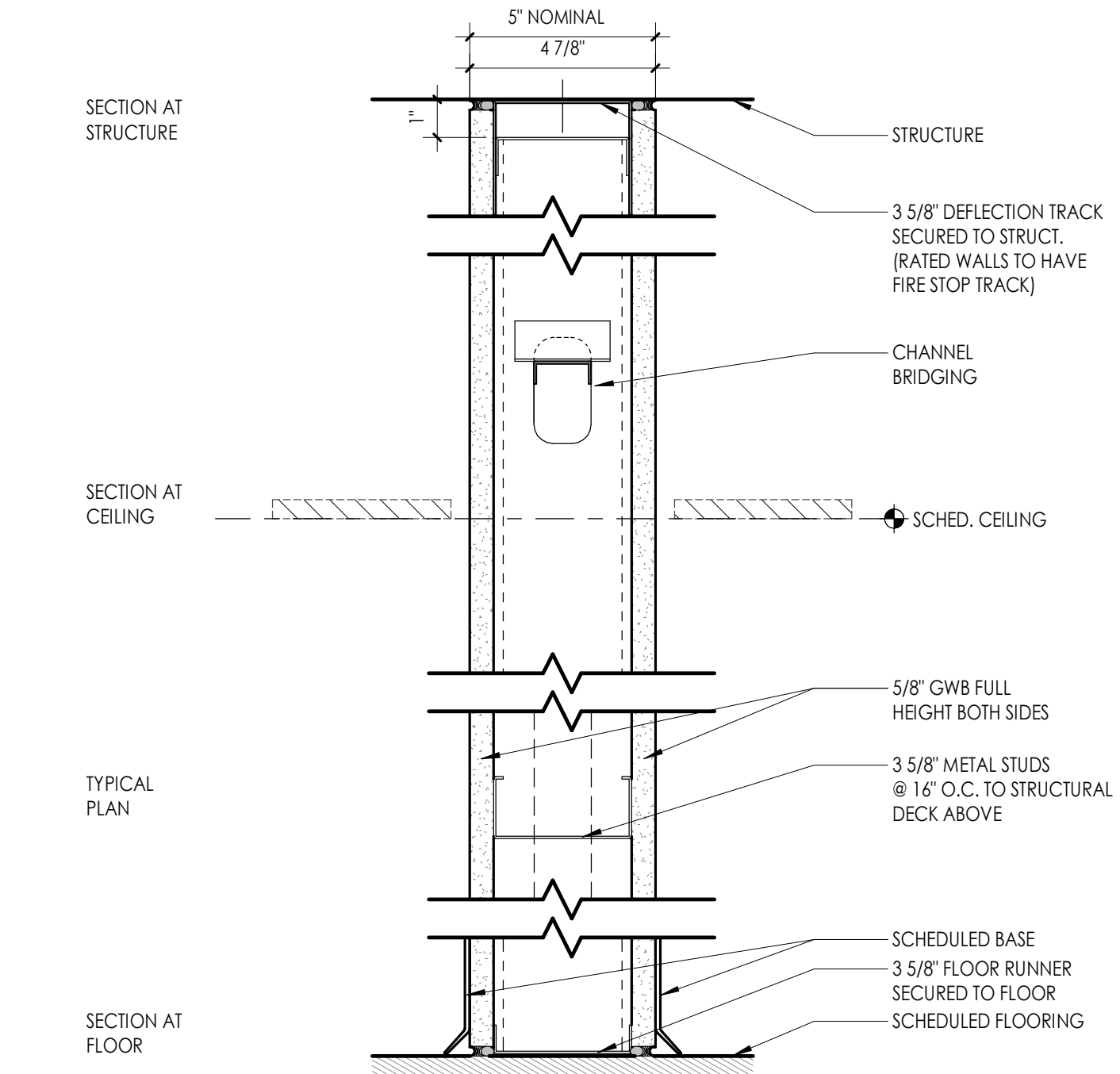
NOTE: BASED ON NGC 2518 @ 40 STC. REDUCED 3 STC FOR 20 GA STUDS IN LIEU OF 25 GA STUDS.



TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
S3b	NGC 2013004	NR	40	SMOKE/ACOUSTICAL SEALANT AT TOP AND BOTTOM



TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
S3	NGC 2013004	NR	40	SMOKE/ACOUSTICAL SEALANT AT TOP AND BOTTOM

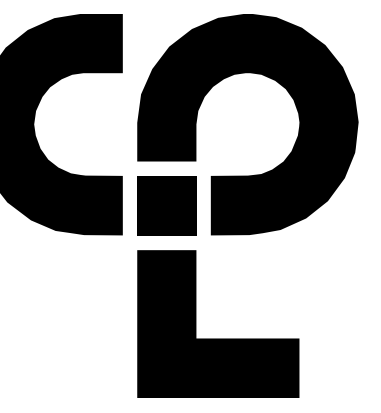


TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
S3	NGC 2518	NR	37	SMOKE/ACOUSTICAL SEALANT AT TOP AND BOTTOM

NOTE: BASED ON NGC 2518 @ 40 STC. REDUCED 3 STC FOR 20 GA STUDS IN LIEU OF 25 GA STUDS.

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6302 Fairview Road Suite 102  
Charlotte, NC 28210  
CPLteam.com

**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Date: 10/09/2024 Description: PRE-BID RFI RESPONSE

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS Checked By: R  
Drawing Title: OVERALL REFLECTED CEILING PLAN LEVEL 1  
Drawing Number:

A601

**GENERAL CEILING NOTES**

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF NEW MATERIALS FOR CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. REFER TO A200 SERIES FOR FLOOR PLAN.
3. FOR ANY DISCREPANCY BETWEEN THE REFLECTED CEILING PLAN AND THE FLOOR PLAN, THE FLOOR PLAN SHALL TAKE PRECEDENCE. ANY DISCREPANCY SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.
4. FIRE STOP MECHANICAL, ELECTRICAL AND PLUMBING ITEMS, INCLUDING BUT NOT LIMITED TO DUCTWORK AND CONDUIT PENETRATIONS THROUGH FLOORS AND WALLS.
5. COORDINATE CEILING INSTALLATIONS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
6. REFER TO "M" SERIES DRAWINGS FOR DIFFUSERS AND GRILLE LOCATIONS.
7. REFER TO "E" SERIES DRAWINGS FOR LIGHTING TYPES AND CONTROLS.
8. REFER TO "P" OR "TP" SERIES DRAWINGS FOR SPRINKLER HEAD LOCATIONS.
9. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT THE END OF EACH DAY.
10. CENTER CEILING GRID (EACH WAY) IN ROOMS SCHEDULED TO RECEIVE ACOUSTICAL CEILING SYSTEMS UNLESS OTHERWISE NOTED.
11. VERIFY WITH ARCHITECT THE INSTALLATION OF ANY CEILING TILES LESS THAN 4" IN WIDTH.
12. PROVIDE MOISTURE RESISTANT GYP. BD. AT ALL TOILET ROOM, JANITORS CLOSET AND OTHER WET LOCATION CEILING ASSEMBLIES.
13. ALL GYP. BD, CEILING AND SOFFITS SHALL BE PRIMED AND PAINTED SCHEDULED COLOR ON ALL FACES AND UNDERSIDE SURFACE.
14. VERIFY SOFFIT SIZE WITH MILLWORK SHOP DRAWINGS. PROVIDE 2" OVERHANG ON EXPOSED EDGES UNLESS NOTED OTHERWISE.
15. WHERE APPLICABLE ALL FIXTURES AND DEVICES SHALL BE CENTERED ON A CEILING TILE.
16. INSTALL CONTROL JOINTS IN GYP. CEILING PER ASTM C 840.

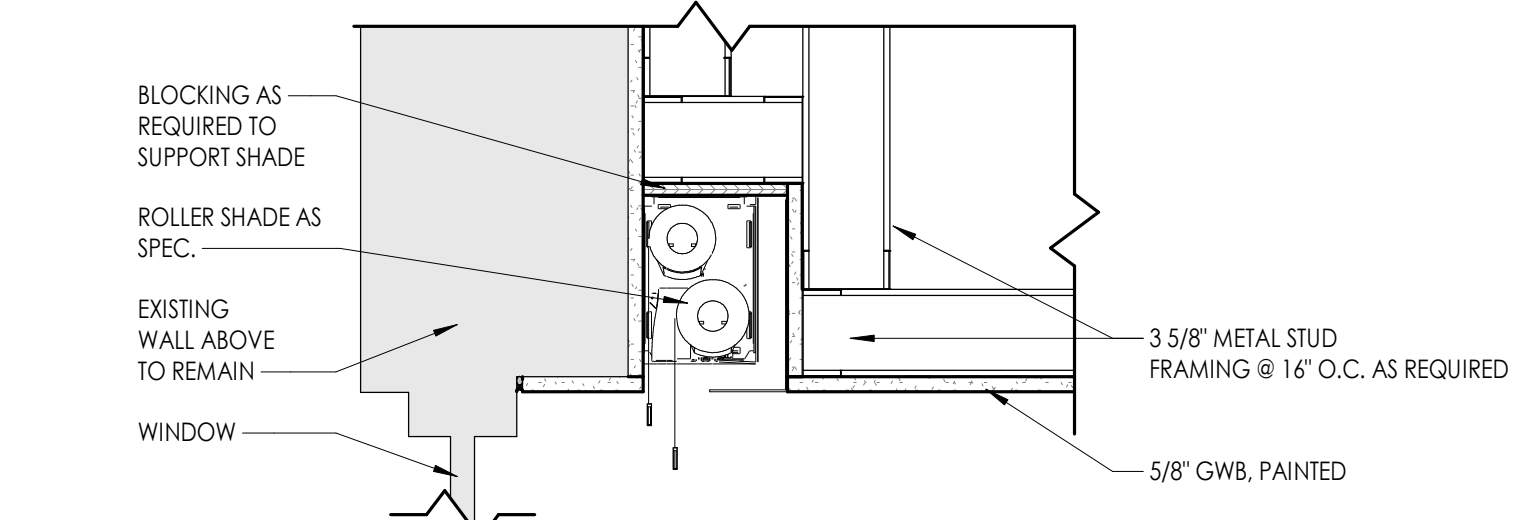
**CEILING SYMBOL LEGEND**

NOTE: THE LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

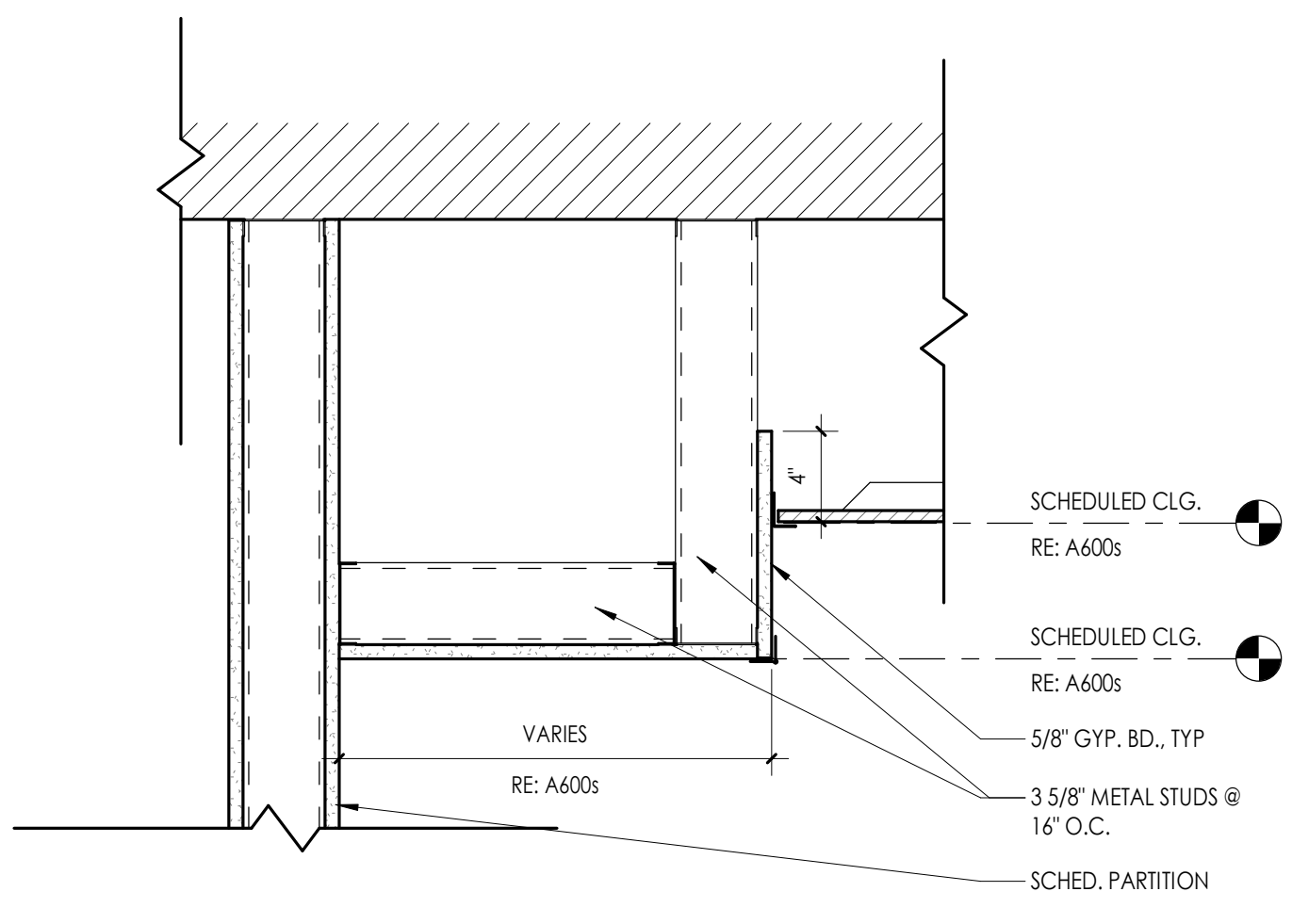
- 2x2' LIGHT
- 2x4' LIGHTS
- 1'x4' LINEAR LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- PENDANT LIGHT FIXTURES
- WALL SCONCE
- SUPPLY AIR DIFFUSERS
- RETURN AIR DIFFUSERS
- EXHAUST DIFFUSERS
- LINEAR SLOT AIR DIFFUSERS
- GYPSUM WALL BOARD CEILING
- ACOUSTICAL TILE CEILING
- PLAM WOOD CEILING
- ACOUSTICAL WOOD CEILING TILE
- CEILING TYPE AND CEILING HEIGHT ABOVE FINISHED FLOOR

**CEILING KEYNOTES**

1. PROVIDE RECESSED ROLLER SHADE POCKET FOR WT AS SPECIFIED. REFER TO DETAIL 3/A601



3 TYP. ROLLER SHADE POCKET DETAIL @GWB  
1 1/2\"/>



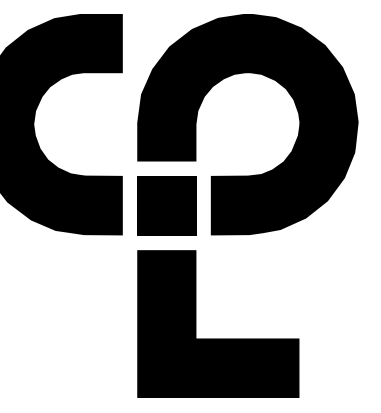
2 TYP. GWB SOFFIT DETAIL @ WALL  
1 1/2\"/>



1 REFLECTED CEILING PLAN LEVEL 1  
1/4\"/>

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6302 Fairview Road Suite 102  
Charlotte, NC 28210  
CPLteam.com

### GENERAL CEILING NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF NEW MATERIALS FOR CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. REFER TO A200 SERIES FOR FLOOR PLAN.
3. FOR ANY DISCREPANCY BETWEEN THE REFLECTED CEILING PLAN AND THE FLOOR PLAN, THE FLOOR PLAN SHALL TAKE PRECEDENCE. ANY DISCREPANCY SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.
4. FIRE STOP MECHANICAL, ELECTRICAL AND PLUMBING ITEMS, INCLUDING BUT NOT LIMITED TO DUCTWORK AND CONDUIT PENETRATIONS THROUGH FLOORS AND WALLS.
5. COORDINATE CEILING INSTALLATIONS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
6. REFER TO "M" SERIES DRAWINGS FOR DIFFUSERS AND GRILLE LOCATIONS.
7. REFER TO "E" SERIES DRAWINGS FOR LIGHTING TYPES AND CONTROLS.
8. REFER TO "P" OR "PP" SERIES DRAWINGS FOR SPRINKLER HEAD LOCATIONS.
9. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT THE END OF EACH DAY.
10. CENTER CEILING GRID (EACH WAY) IN ROOMS SCHEDULED TO RECEIVE ACOUSTICAL CEILING SYSTEMS UNLESS OTHERWISE NOTED.
11. VERIFY WITH ARCHITECT THE INSTALLATION OF ANY CEILING TILES LESS THAN 4" IN WIDTH.
12. PROVIDE MOISTURE RESISTANT GYP. BD. AT ALL TOILET ROOM, JANITOR'S CLOSET AND OTHER WET LOCATION CEILING ASSEMBLIES.
13. ALL GYP. BD. CEILINGS AND SOFFITS SHALL BE PRIMED AND PAINTED SCHEDULED COLOR ON ALL FACES AND UNDERSIDE SURFACE.
14. VERIFY SOFFIT SIZE WITH MILLWORK SHOP DRAWINGS. PROVIDE 2" OVERHANG ON EXPOSED EDGES UNLESS NOTED OTHERWISE.
15. WHERE APPLICABLE ALL FIXTURES AND DEVICES SHALL BE CENTERED ON A CEILING TILE.
16. INSTALL CONTROL JOINTS IN GYP. CEILINGS PER ASTM C 840.

### CEILING SYMBOL LEGEND

NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

- 2X2 LIGHT
- 2X4 LIGHTS
- 1X4 LINEAR LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- PENDANT LIGHT FIXTURES
- WALL SCONCE
- SUPPLY AIR DIFFUSERS
- RETURN AIR DIFFUSERS
- EXHAUST DIFFUSERS
- LINEAR SLOT AIR DIFFUSERS
- GYPSUM WALL BOARD CEILING
- ACOUSTICAL TILE CEILING
- FLAM WOOD CEILING
- ACOUSTICAL WOOD CEILING TILE
- CEILING TYPE AND CEILING HEIGHT ABOVE FINISHED FLOOR

### CEILING KEYNOTES

1. PROVIDE RECESSED ROLLER SHADE POCKET FOR WT AS SPECIFIED. REFER TO DETAIL 3/A601



1 REFLECTED CEILING PLAN LEVEL 2  
A602 1/4" = 1'-0"

### PROJECT INFORMATION

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

### PROJECT ISSUE & REVISION SCHEDULE

Date: 10/09/2024  
Description: PRE-BID RFI RESPONSE

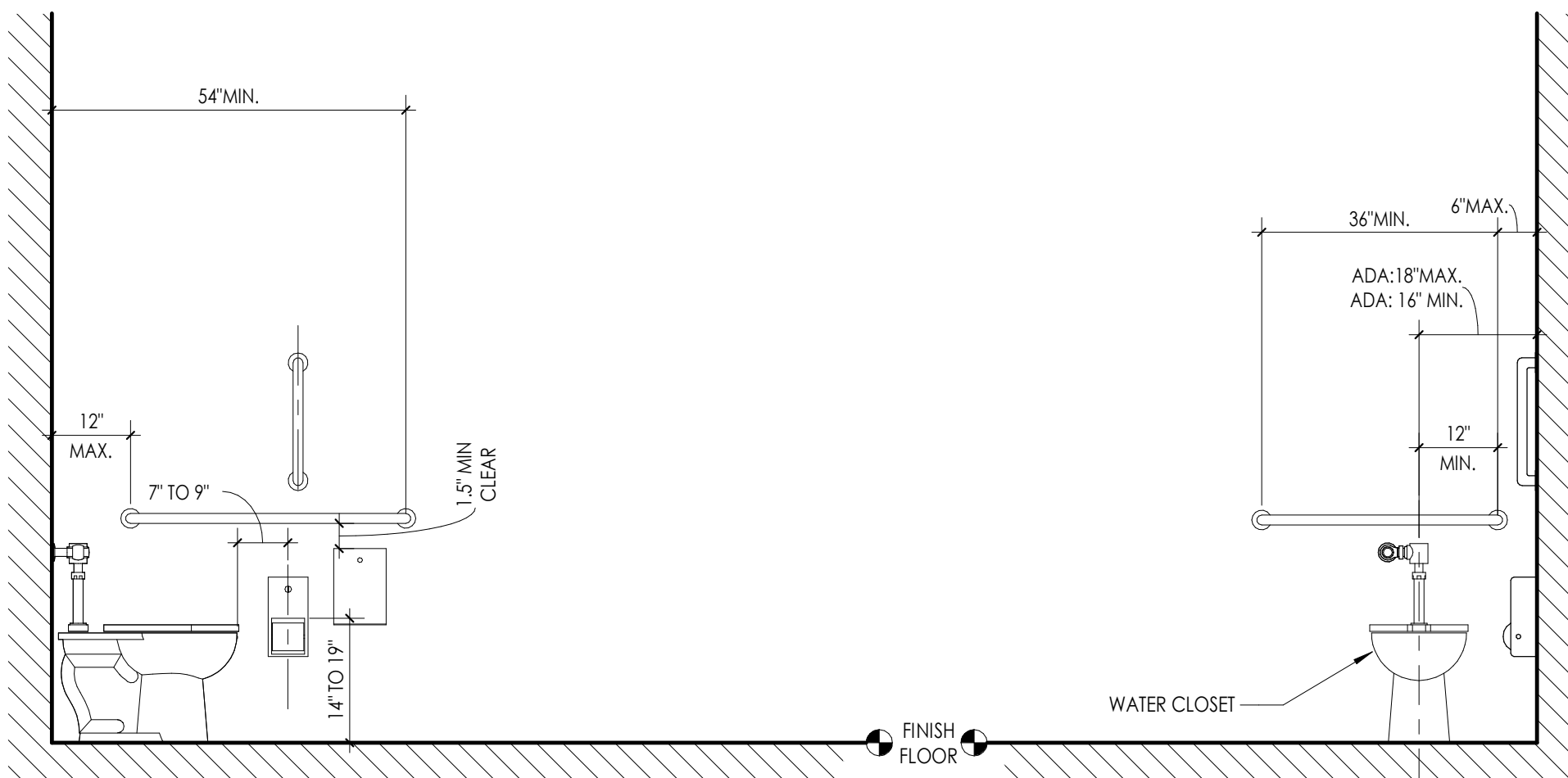
### PROFESSIONAL STAMPS



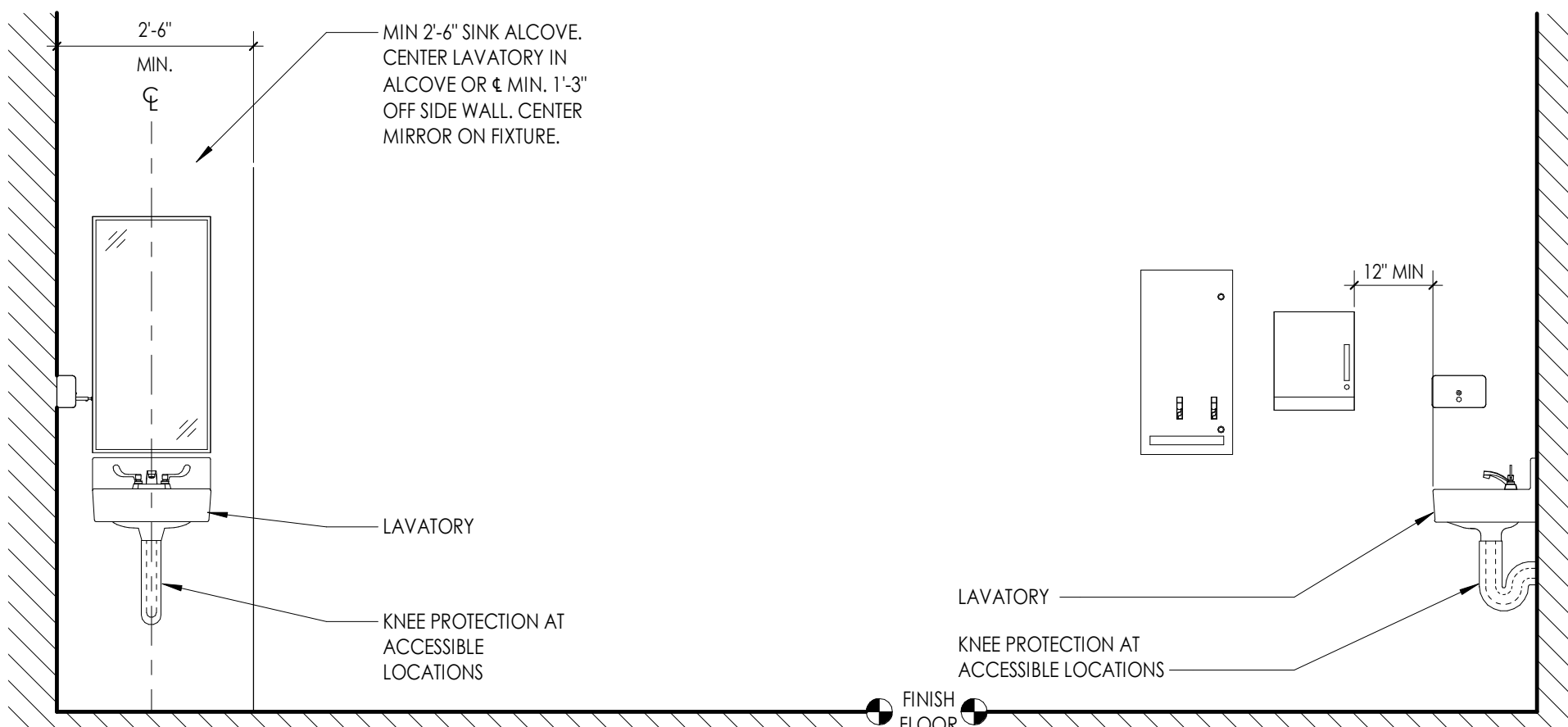
### SHEET INFORMATION

Name: Scale: As Indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS Checked By: R  
Drawing Title: OVERALL REFLECTED CEILING PLAN LEVEL 2  
Drawing Number:

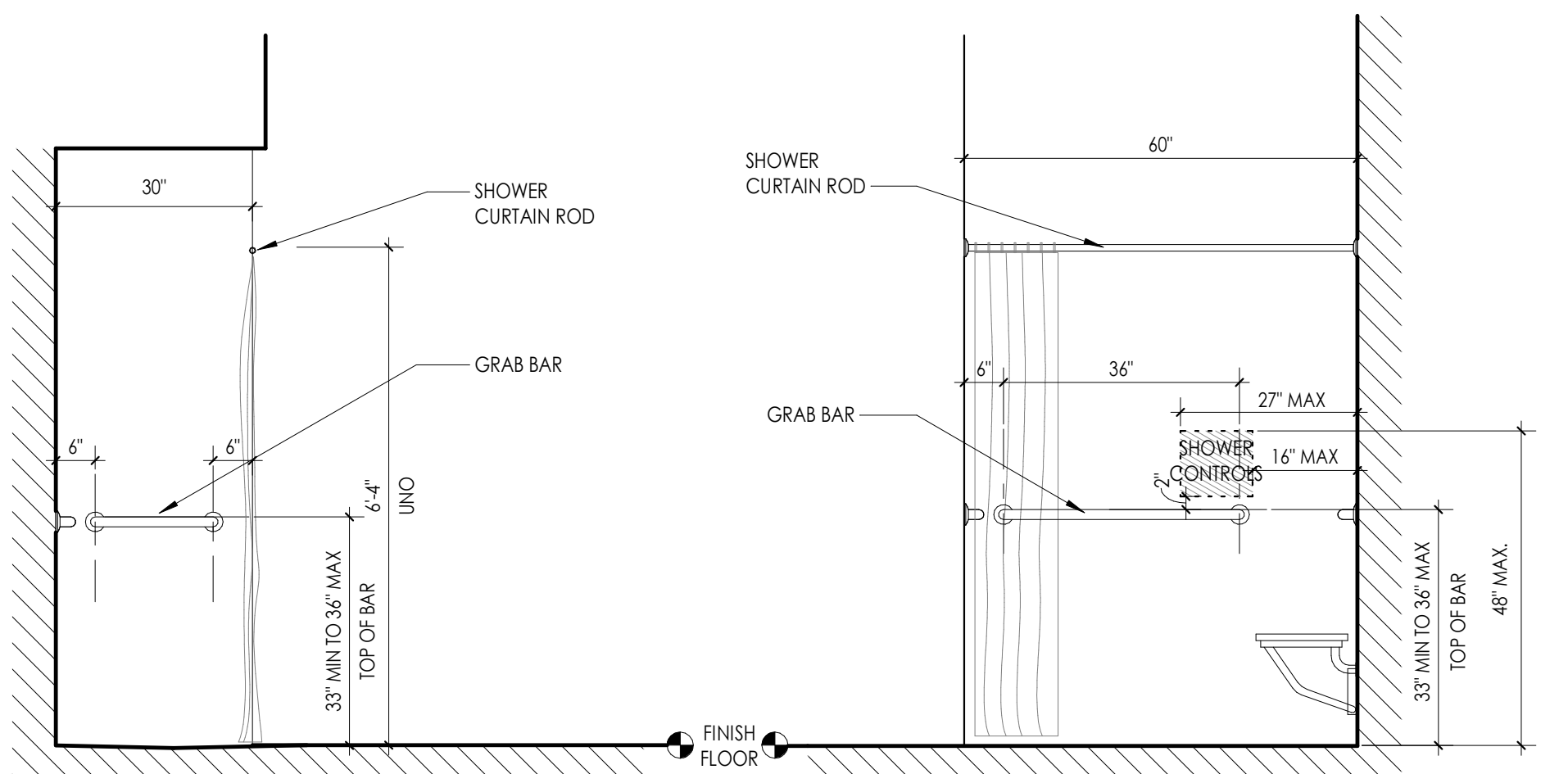
TYPICAL TOILET AND SHOWER ACCESSORY LOCATIONS



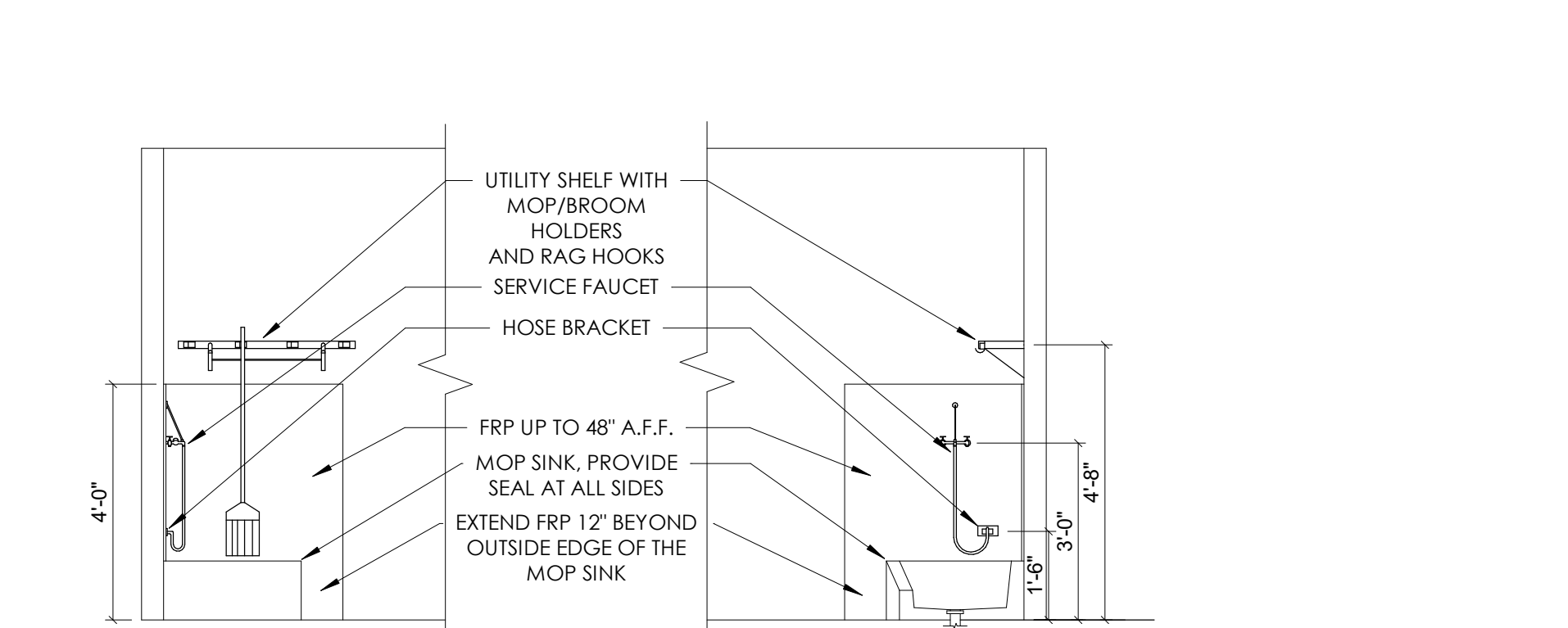
LOCATION AT TOILET  
SCALE 1/2"=1'-0" (REF. ABOVE FOR TYP. HEIGHTS)



LOCATION AT SINK  
SCALE 1/2"=1'-0" (REF. ABOVE FOR TYP. HEIGHTS)



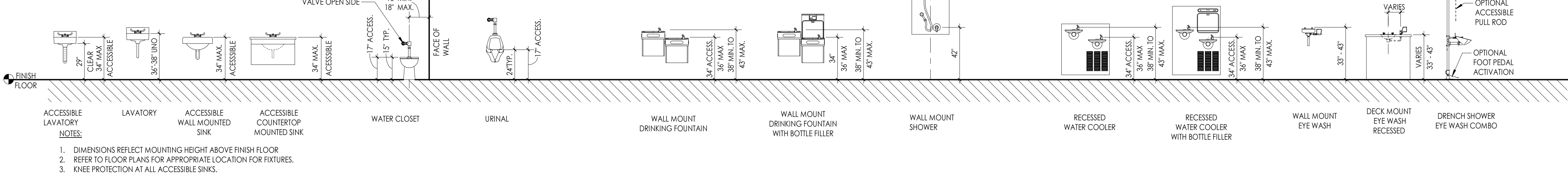
LOCATION AT ROLL-IN SHOWER  
SCALE 1/2"=1'-0" (REF. ABOVE FOR TYP. HEIGHTS)



6 TYPICAL JANITOR CLOSET ELEVATION  
A700 3/8" = 1'-0"

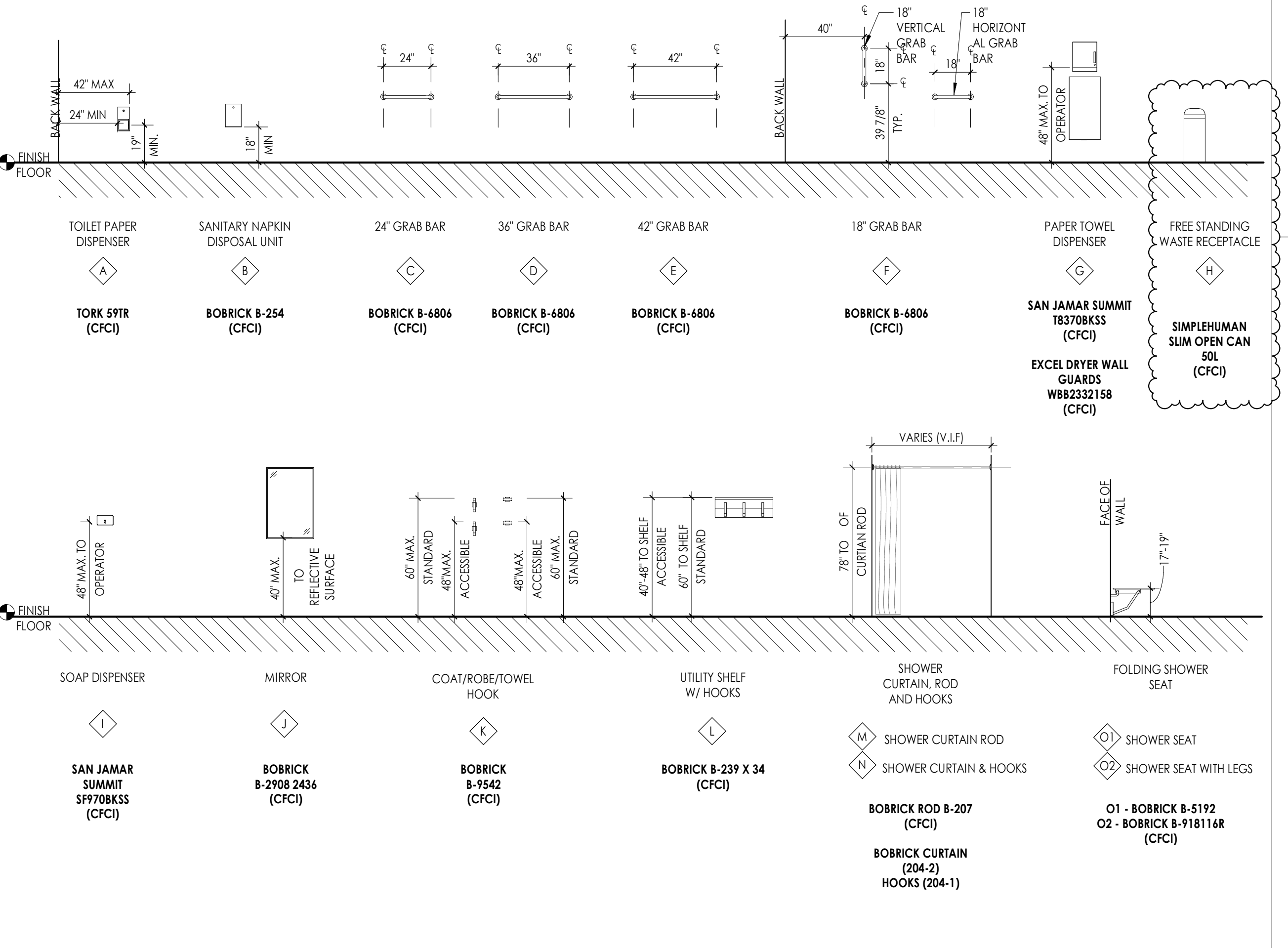
PLUMBING FIXTURE LEGEND WITH MOUNTING HEIGHTS

FIXTURES LEGEND  
SCALE 1/4"=1'-0"

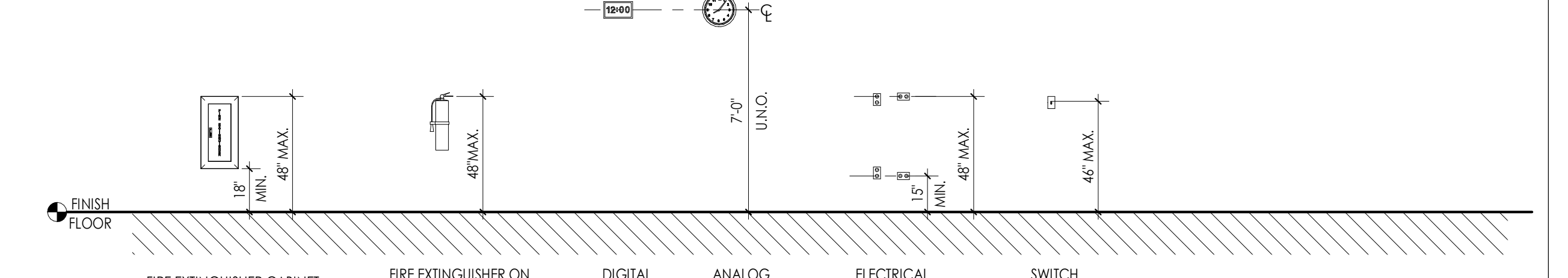


TOILET ROOM ACCESSORIES LEGEND  
SCALE: 1/4" = 1'-0"

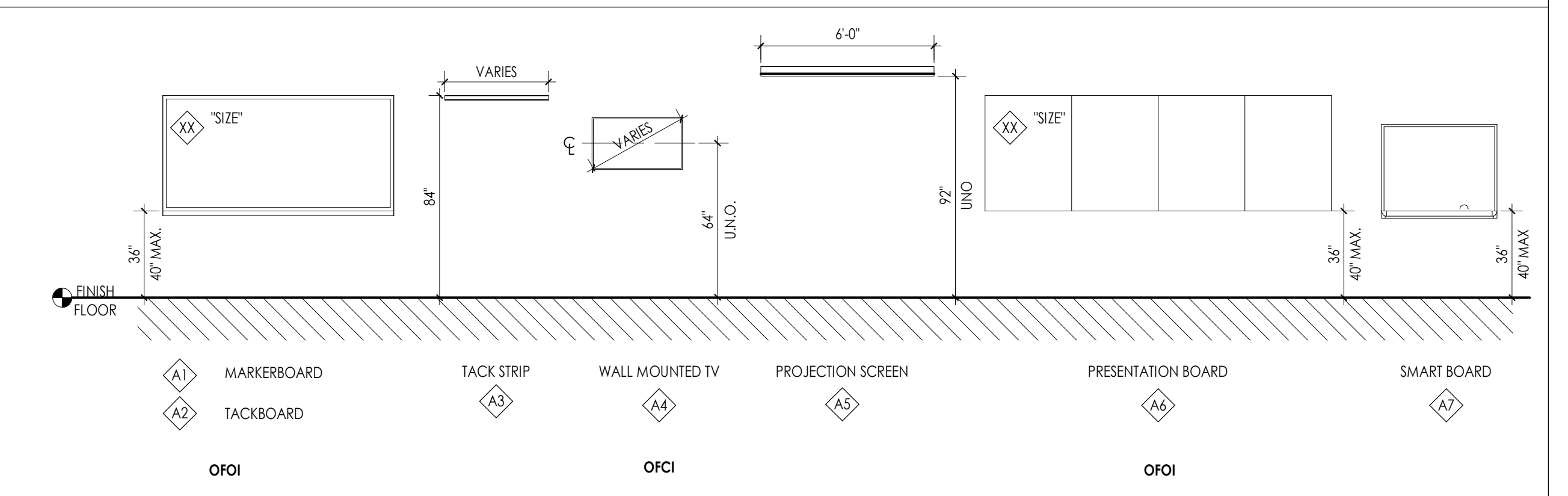
- NOTES:
- DIMENSIONS REFLECT MOUNTING HEIGHT ABOVE FINISH FLOOR
  - REFER TO EQUIPMENT PLANS AND INTERIOR ELEVATIONS FOR APPROPRIATE LOCATION FOR ACCESSORIES.
  - XXXI MODEL NUMBER BASIS OF DESIGN
  - CFCI - OWNER FURNISHED CONTRACTOR INSTALLED
  - CFCI - CONTRACTOR FURNISHED CONTRACTOR INSTALLED



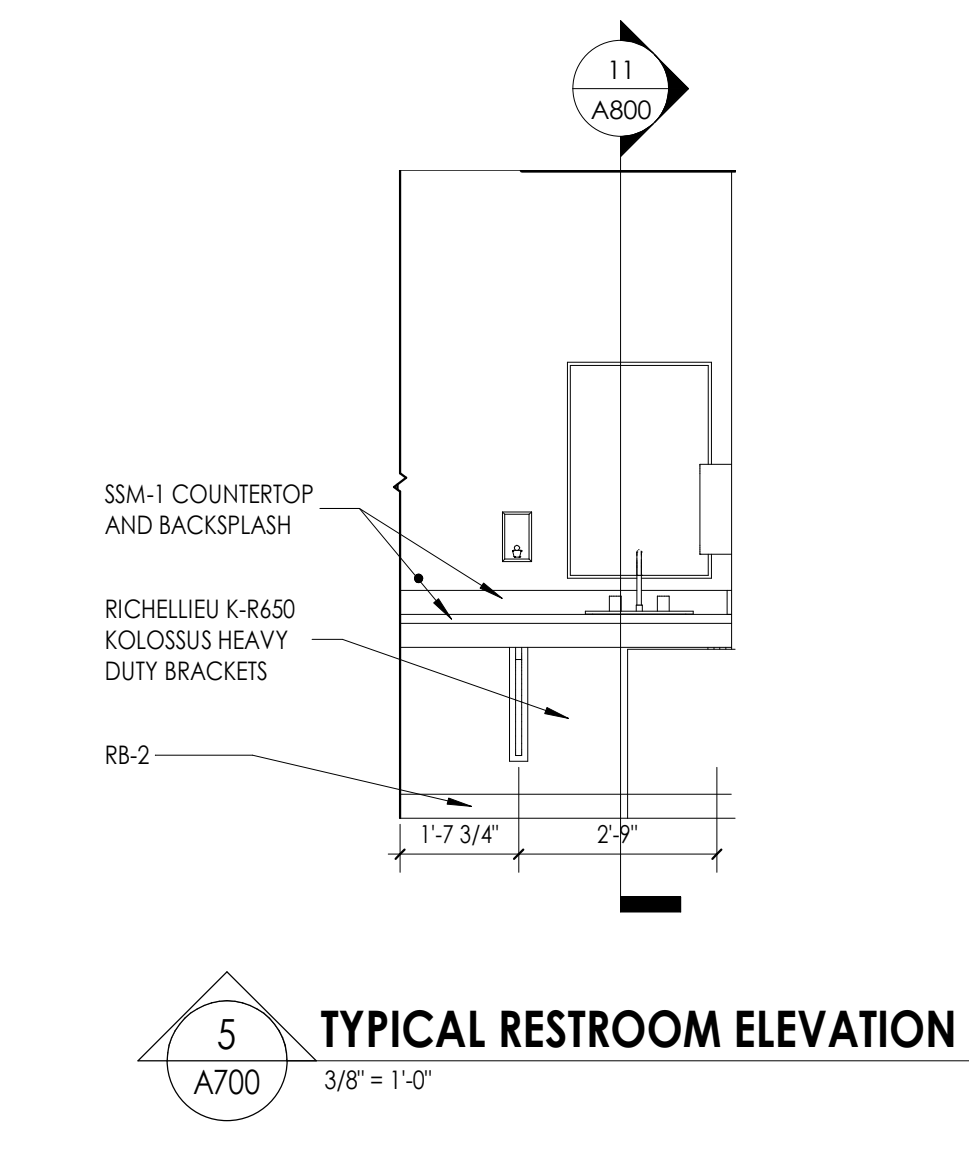
TYPICAL MOUNTING HEIGHTS



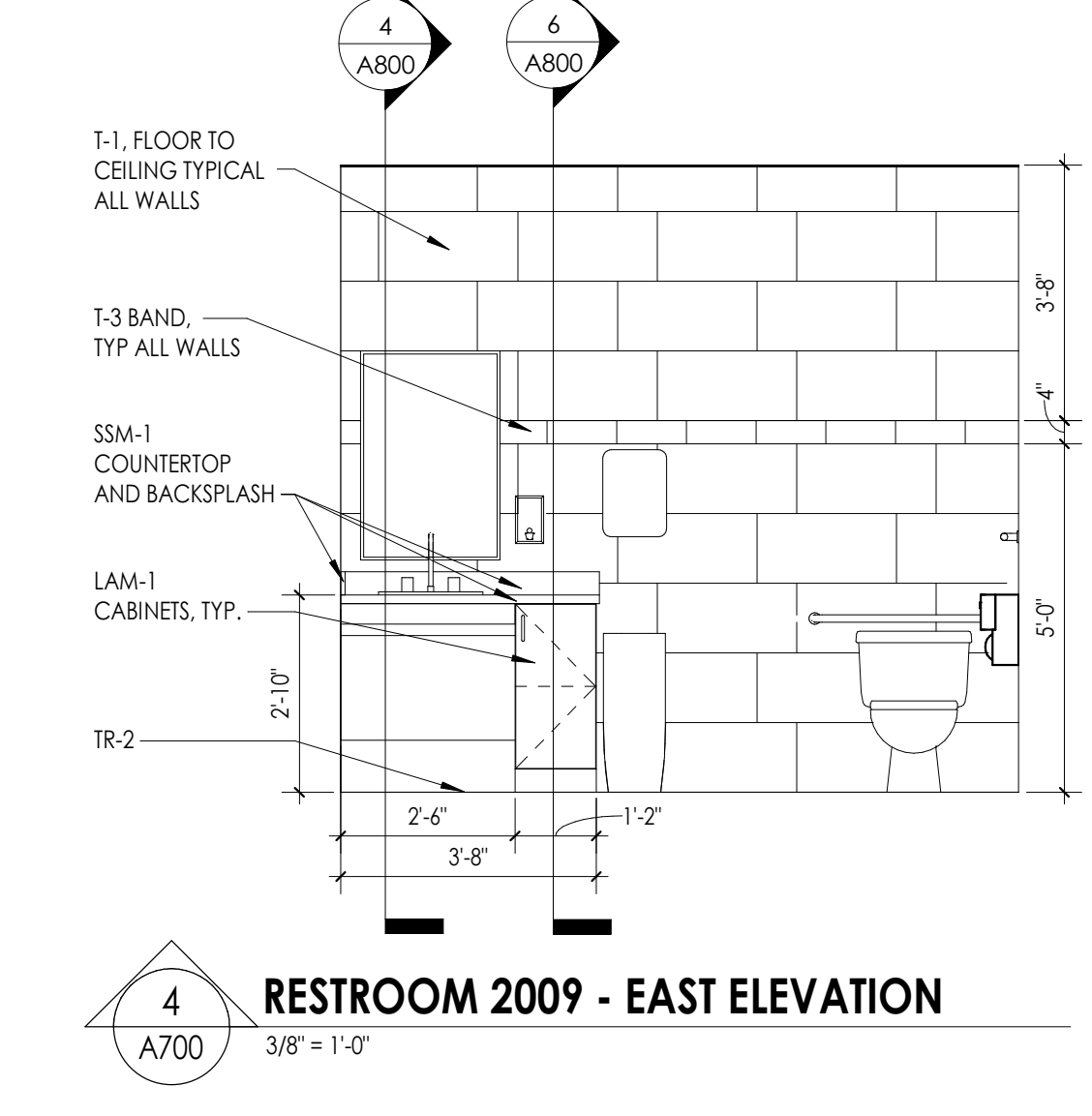
ACCESSORIES LEGEND WITH MOUNTING HEIGHTS



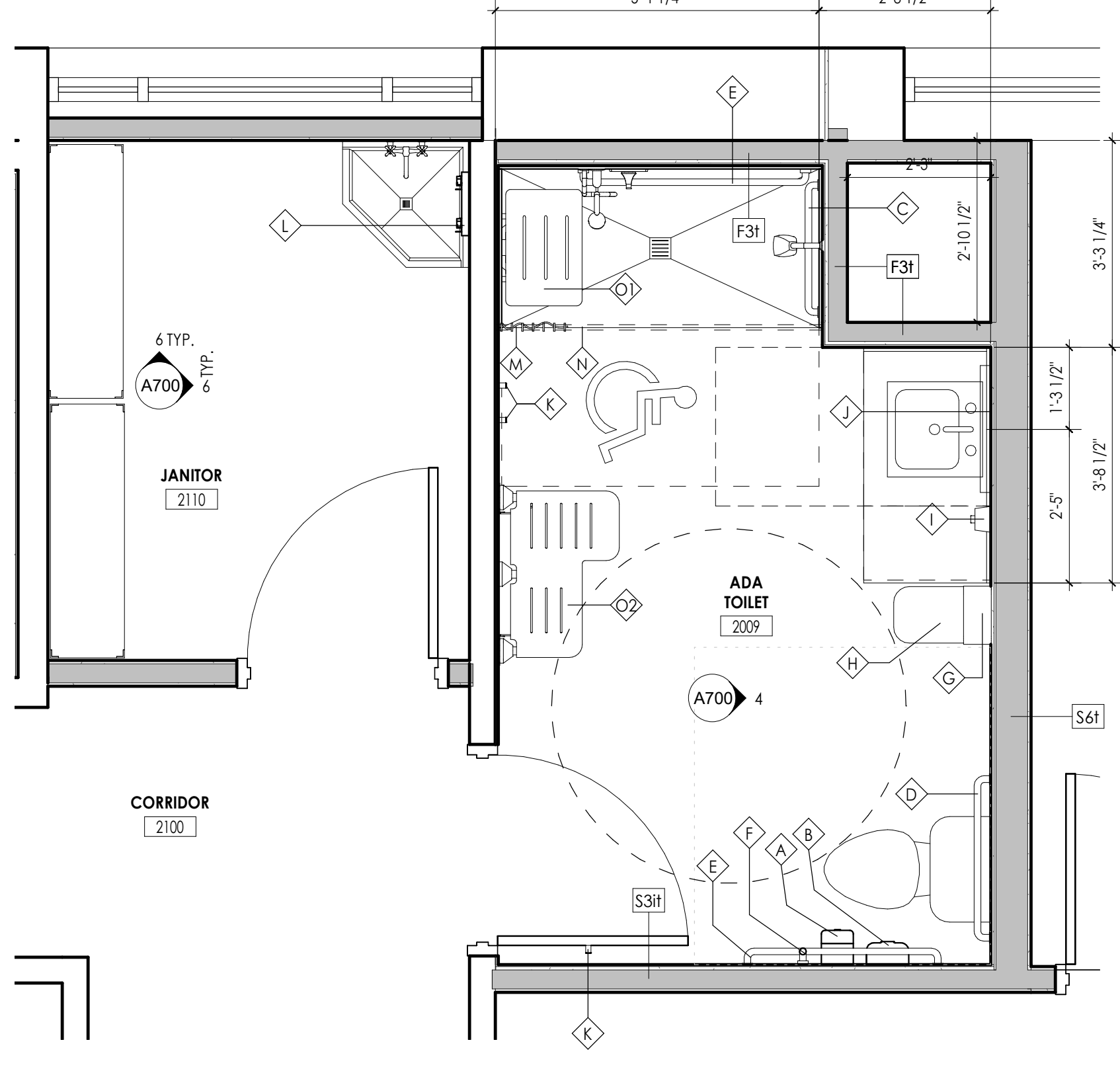
SPECIAL NOTE: THIS SHEET IS INCLUDED FOR REFERENCE PURPOSES ONLY. SOME FIXTURES AND MOUNTING HEIGHTS SHOWN MAY NOT APPLY TO THE CURRENT DOCUMENTS



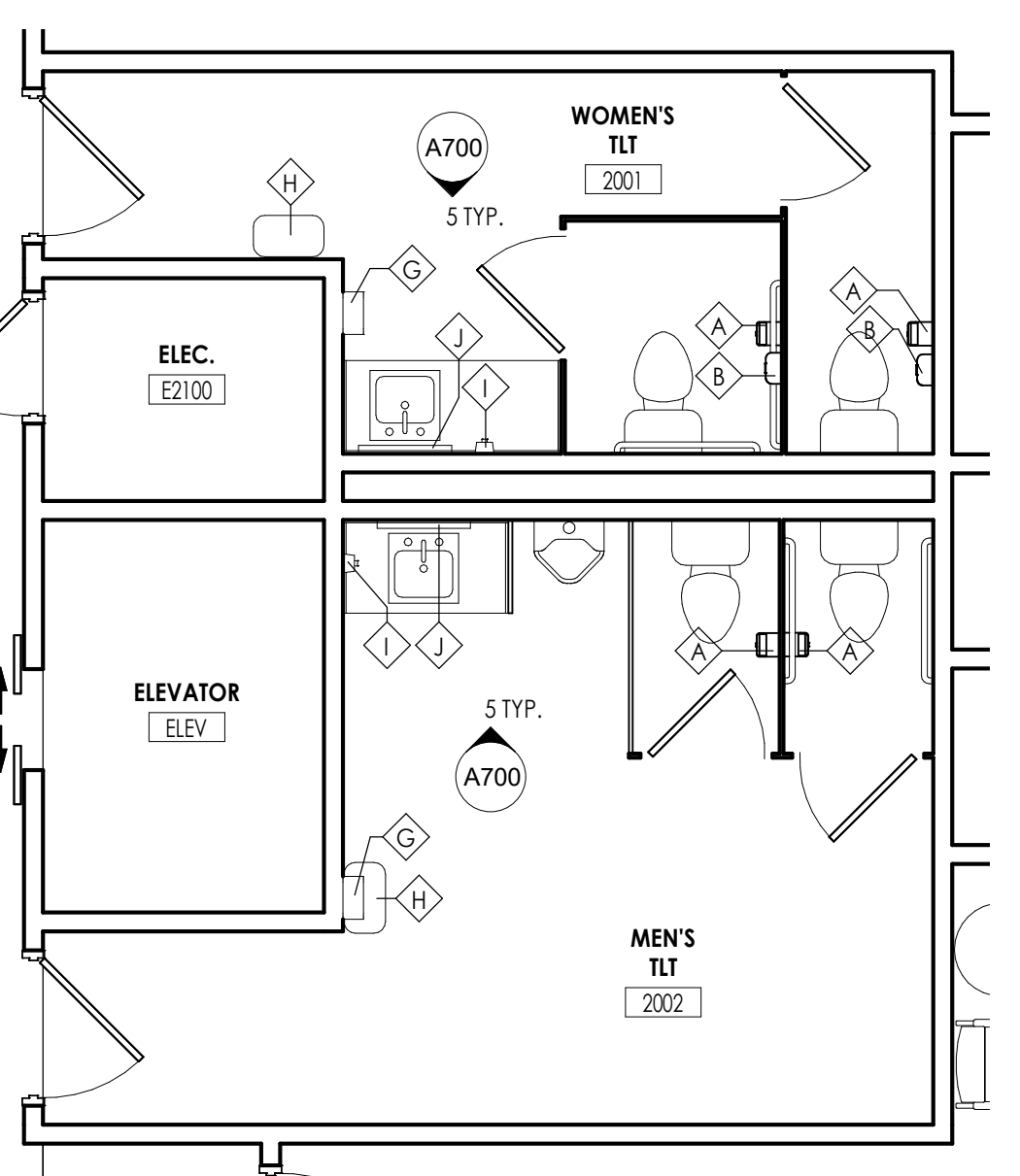
5 TYPICAL RESTROOM ELEVATION  
A700 3/8" = 1'-0"



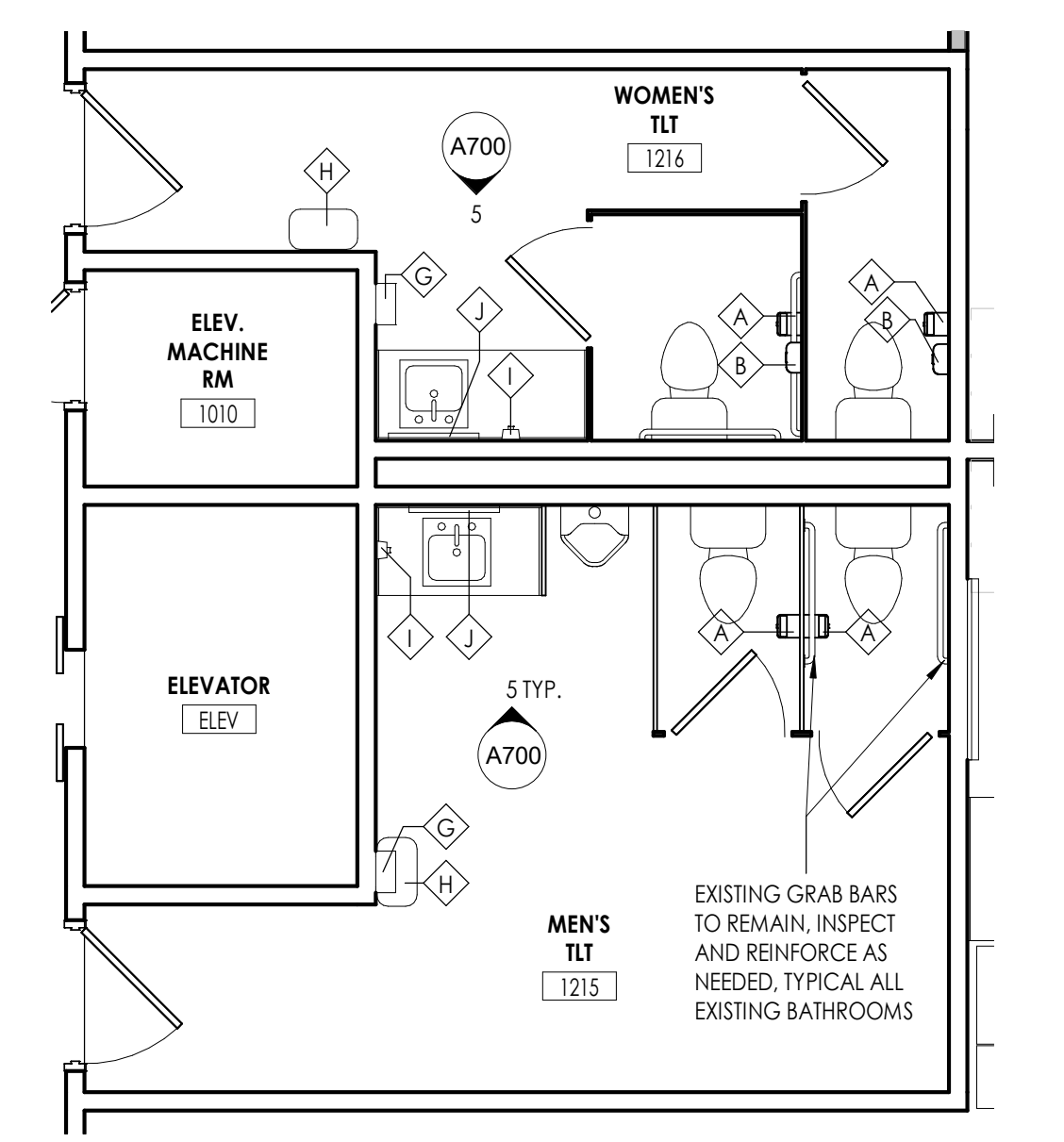
4 RESTROOM 2009 - EAST ELEVATION  
A700 3/8" = 1'-0"



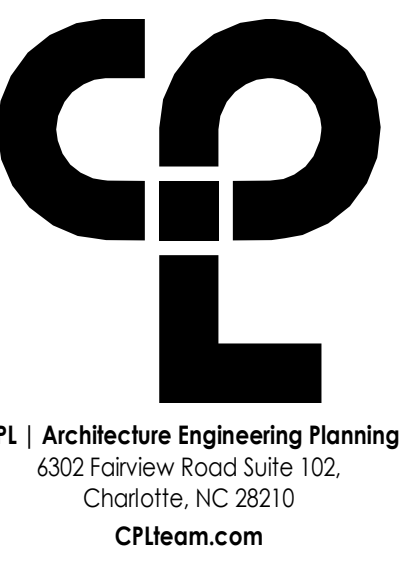
3 RESTROOM 2009 ENLARGED PLAN  
A700 1/2" = 1'-0"



2 SECOND FLOOR RESTROOMS ENLARGED PLAN  
A700 1/4" = 1'-0"



1 FIRST FLOOR RESTROOMS ENLARGED PLAN  
A700 1/4" = 1'-0"



PROJECT INFORMATION  
Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE  
Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE  
Date: 10/09/2024  
Description: PRE-BID RFI RESPONSE

PROFESSIONAL STAMPS



SHEET INFORMATION  
Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS  
Checked By: RI  
Drawing Title: GENERAL TYP. FIXTURE AND ACCESS. HEIGHTS AND LEGENDS (ADA)  
Drawing Number:

A700

**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC

Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

No.	Date	Description
A	10/09/2024	PRE-BID RFI RESPONSE

**PROFESSIONAL STAMPS**

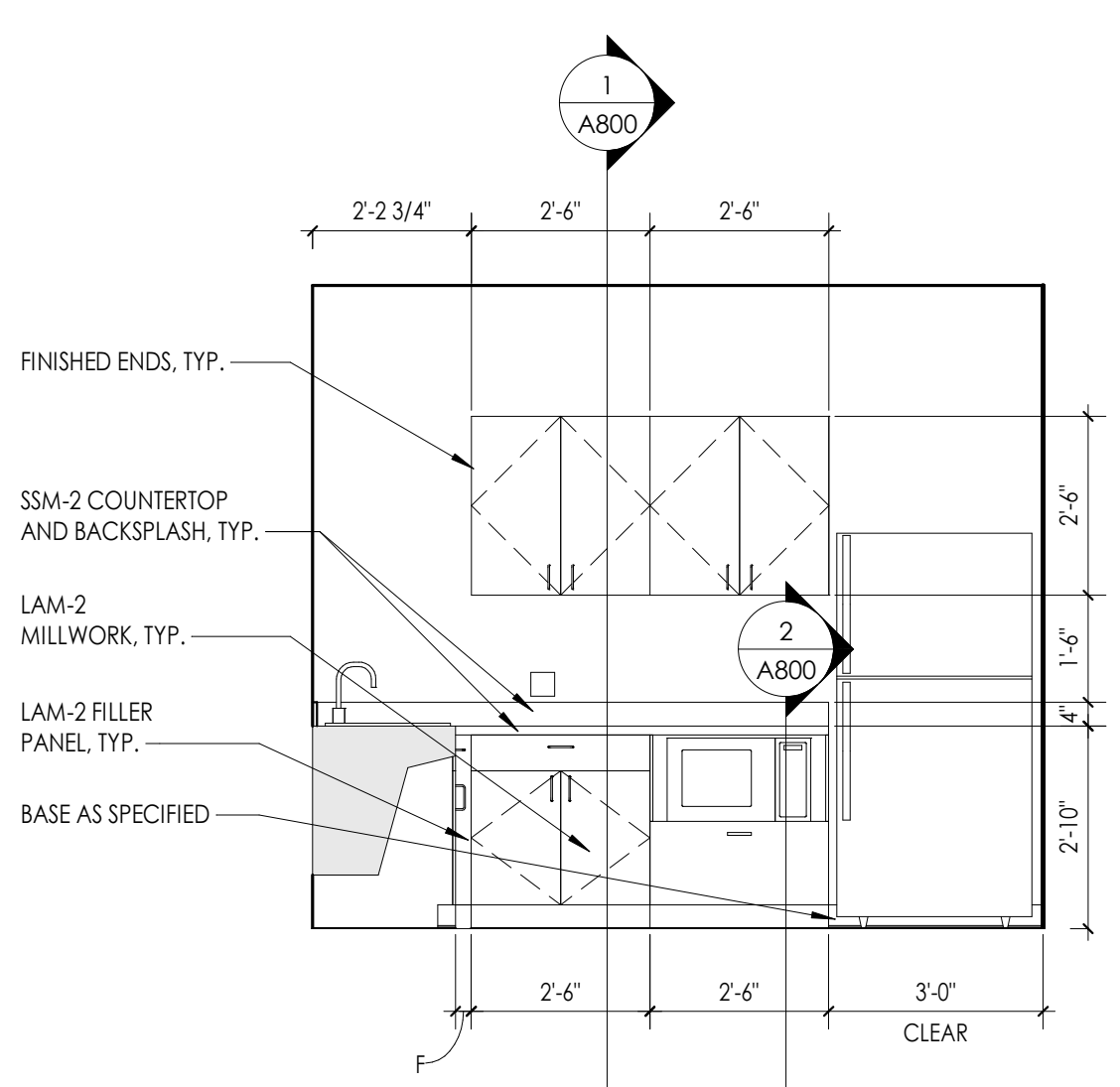


**SHEET INFORMATION**

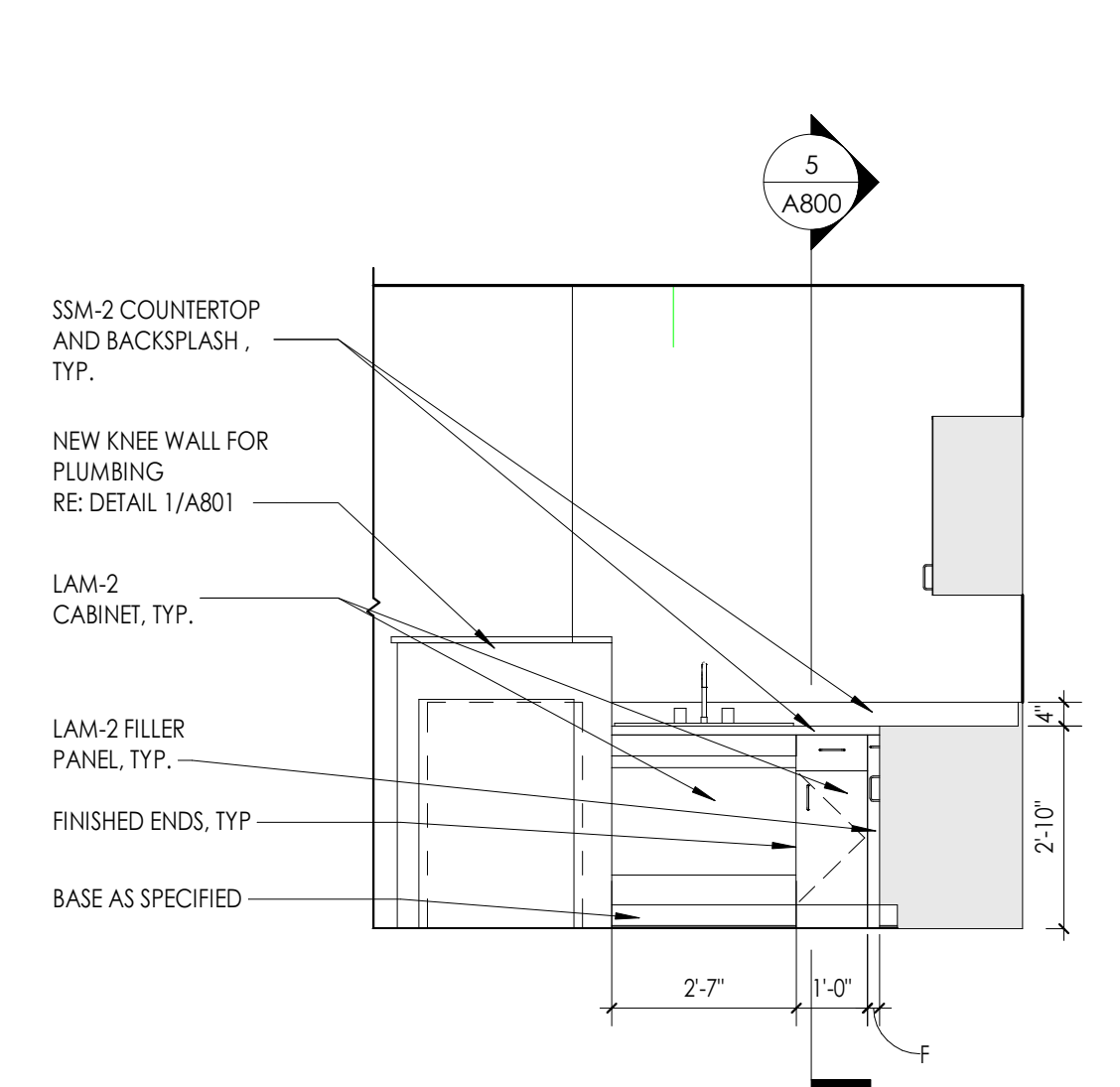
Name: 05/09/2024  
Scale: As Indicated  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS  
Checked By: RI  
Drawing Title: EQUIPMENT SCHEDULE & ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS  
Drawing Number:

Type Mark	Description	Model	Manufacturer	FURNISHED/INSTALLED
E-1	VENDING MACHINE	TBD	TBD	CFCL COORDINATE WITH OWNER'S VENDOR
E-2	ICE MAKER, EXISTING	UD0140A-141B	MANITOWOC	CFCL
E-3	REFRIGERATOR, DOMESTIC WITH FREEZER	21.9 Cu. Ft. (GT522KYNRFS)	GE APPLIANCES	CFCL
E-4	LOCKER ROOM BENCH	PHENOLIC TOP WITH TUBE FEEDS/AL BASE	ASI	CFCL
E-5	TREADMILL	OWNER SUPPLIED	OWNER SUPPLIED	CFCL
E-6	ELLIPTICAL	OWNER SUPPLIED	OWNER SUPPLIED	CFCL
E-7	RACK, DUMBBELL	OWNER SUPPLIED	OWNER SUPPLIED	CFCL
E-8	RACK, MEDICINE BALL	OWNER SUPPLIED	OWNER SUPPLIED	CFCL
E-9	RACK, WEIGHTS	OWNER SUPPLIED	OWNER SUPPLIED	CFCL
E-10	BENCH PRESS	OWNER SUPPLIED	OWNER SUPPLIED	CFCL
E-11	COPIER	RE: IT	RE: IT	OFOL COORDINATE WITH OWNER'S VENDOR
E-12	WORKSTATION: PC, CPU SLING	RE: IT	RE: IT	OFOL COORDINATE WITH OWNER'S IF DEPT. PROVIDE CPU SLING EQUAL TO RICHELIEU, COORDINATE SIZE AND LOCATIONS WITH OWNER.
E-13	MICROWAVE	2.2 CU FT BUILT IN (PEB7227BLWW)	GE APPLIANCES	CFCL
E-14	SIDE BY SIDE REFRIGERATOR	GSS23QTPPS (23.0 cu ft/White)	GE APPLIANCES	CFCL
H1				
M2				
SG5				
SG6				

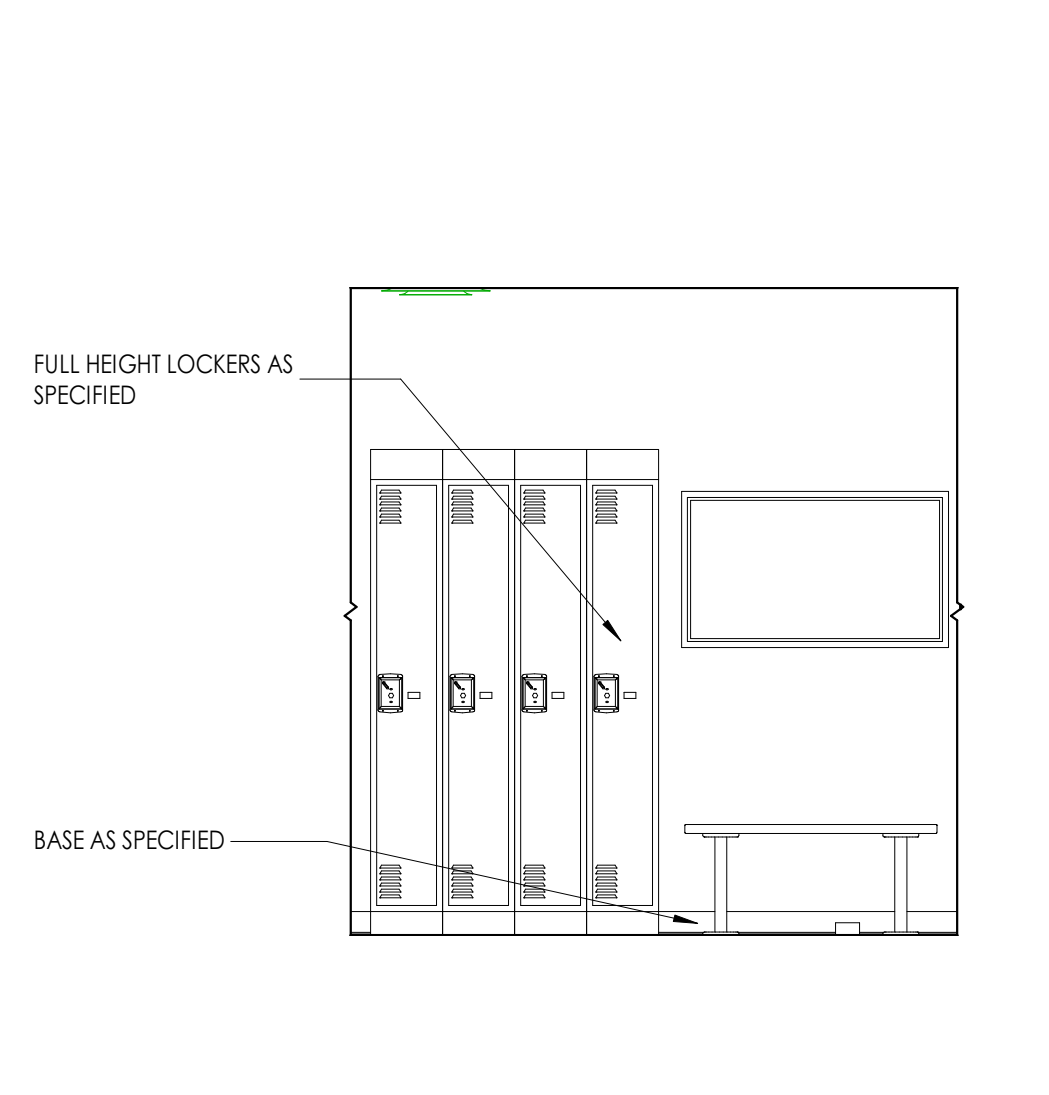
- GENERAL INTERIOR ELEVATIONS NOTES**
- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
  - FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
  - PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES.
  - REFER TO FINISH SCHEDULE AND COLOR LEGEND FOR FINISHES.
  - REFER TO A200 SERIES DRAWINGS FOR ADDITIONAL SPECIALTIES.
  - REFER TO A800 SERIES DRAWINGS FOR CEILING HEIGHTS.
  - PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED MILLWORK.
  - PROVIDE FILLER PANEL WHERE MILLWORK MEETS WALL.
  - PROVIDE SUPPORT BRACKETS AT WORK SURFACES, 42" MAX BETWEEN BRACKETS UNLESS NOTED OTHERWISE.
  - GROMMETS TO BE INSTALLED IN FIELD AND COORDINATED WITH I.T. EQUIPMENT.
  - GROMMETS TO BE INSTALLED IN FIELD AND COORDINATED WITH I.T. EQUIPMENT.
  - PROVIDE VALANCE COVER AT ALL UNDER CABINET LIGHTING WHEREVER UNDER CABINET LIGHTING IS REQUIRED.
  - REFER TO FINISH SCHEDULE AND A700 SERIES DRAWINGS FOR MILLWORK FINISHES.
  - REFER TO A700 FOR TOILET FIXTURE AND ACCESSORIES LEGEND AND MOUNTING HEIGHTS.
  - EQUIPMENT SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY AND ARE FOR THE COORDINATION OF M.E.P. INFRASTRUCTURE TO OPERATE ITEMS UNDER THIS SCOPE.
  - IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS AND LOCATIONS OF MEP CONNECTION LOCATIONS.
  - ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.



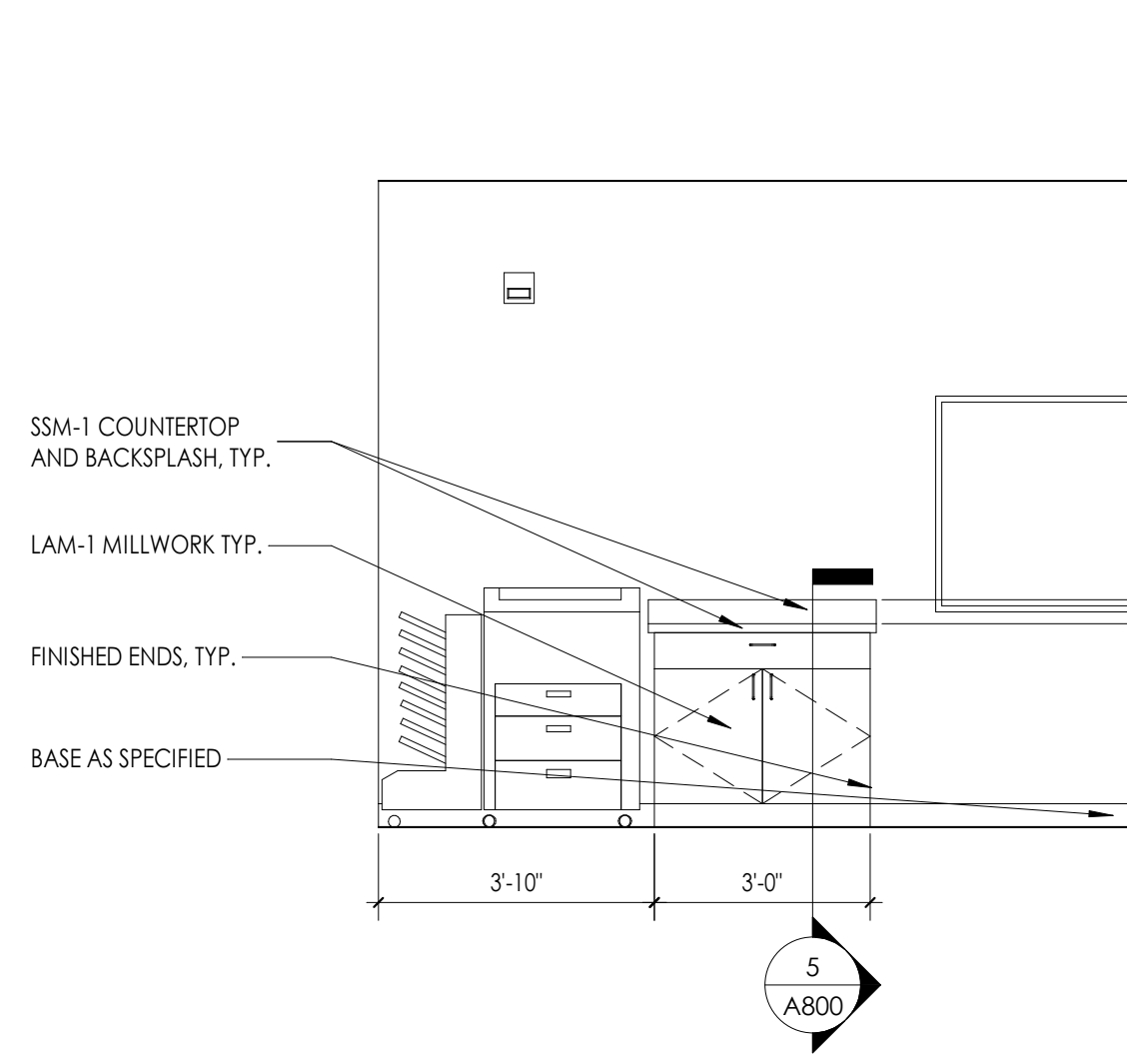
**D2 BREAK 1103 - EAST ELEVATION**  
3/8" = 1'-0"



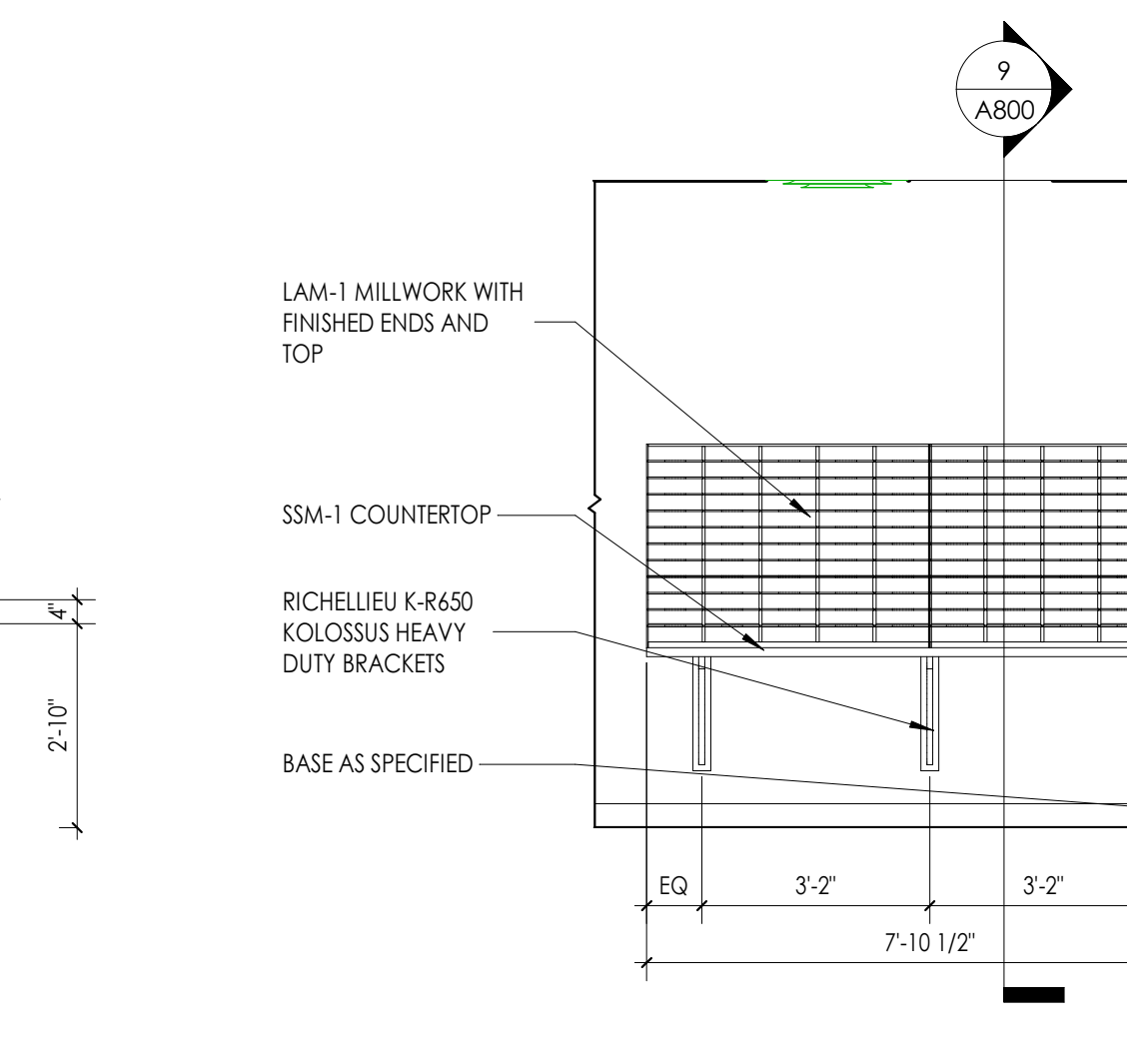
**D1 BREAK 1103 - NORTH ELEVATION**  
3/8" = 1'-0"



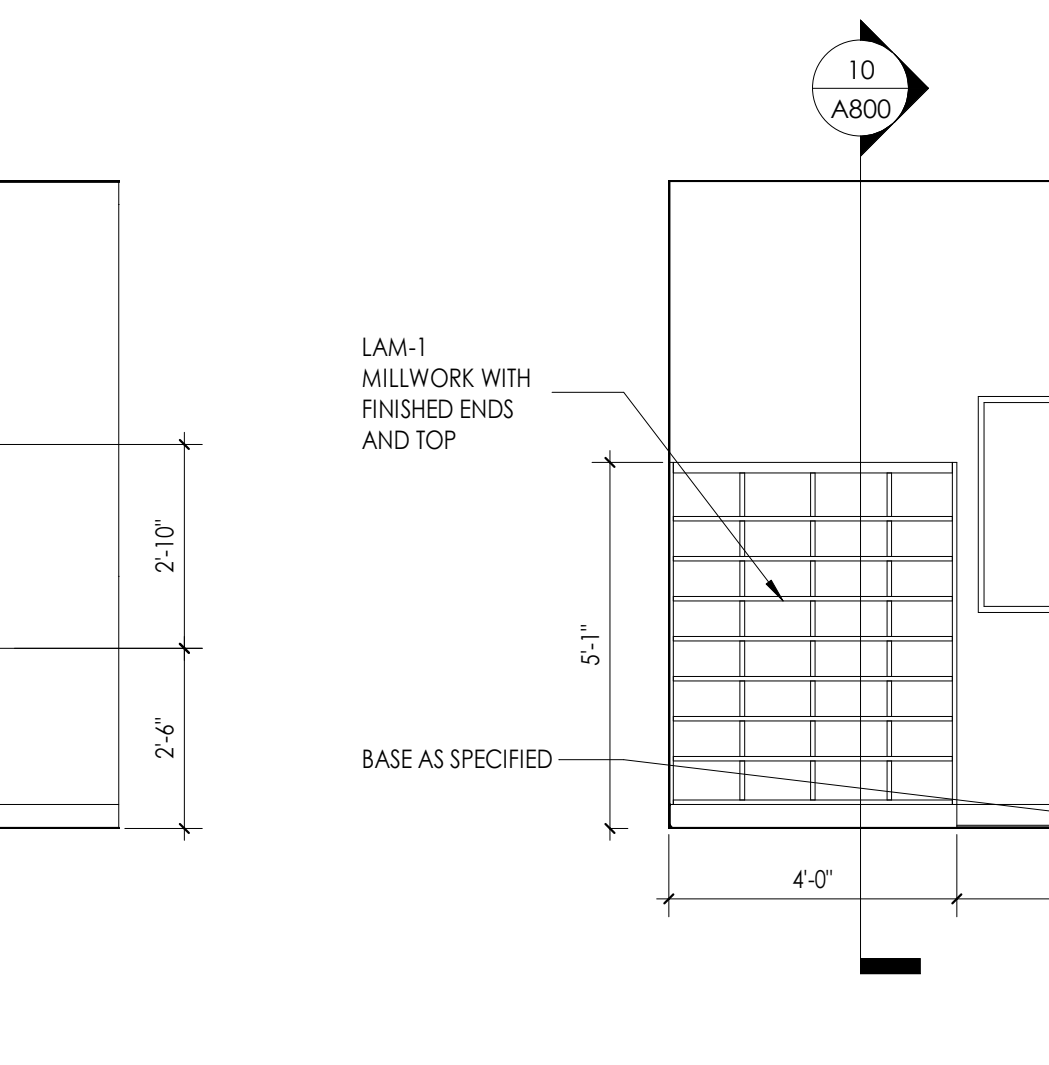
**C1 FITNESS 1101 - SOUTH ELEVATION**  
3/8" = 1'-0"



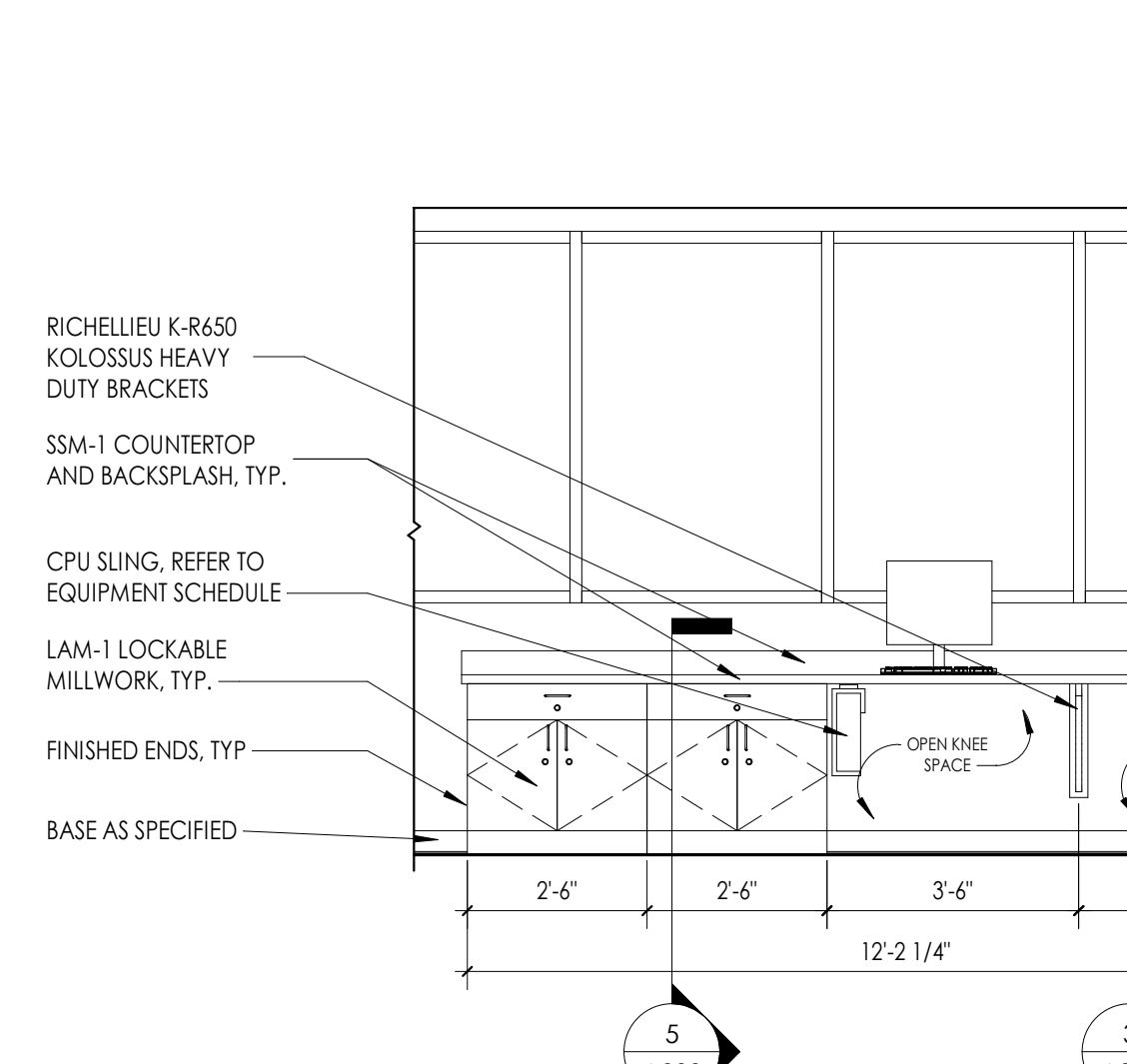
**B4 PATROL DIVISION 1300 - PRINTER STATION ELEVATION**  
3/8" = 1'-0"



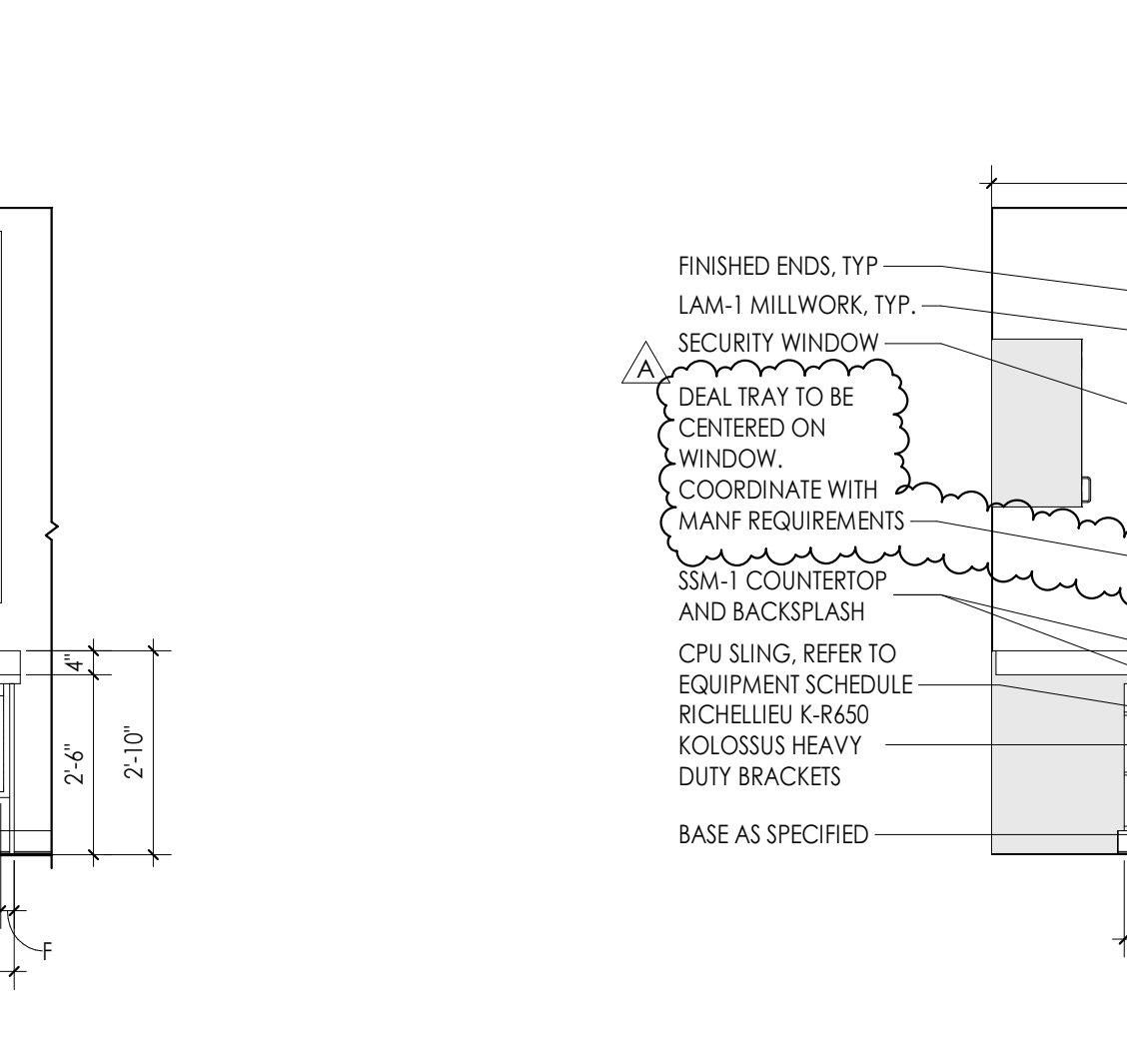
**B3 PATROL DIVISION 1300 - PROCESSING ELEVATION**  
3/8" = 1'-0"



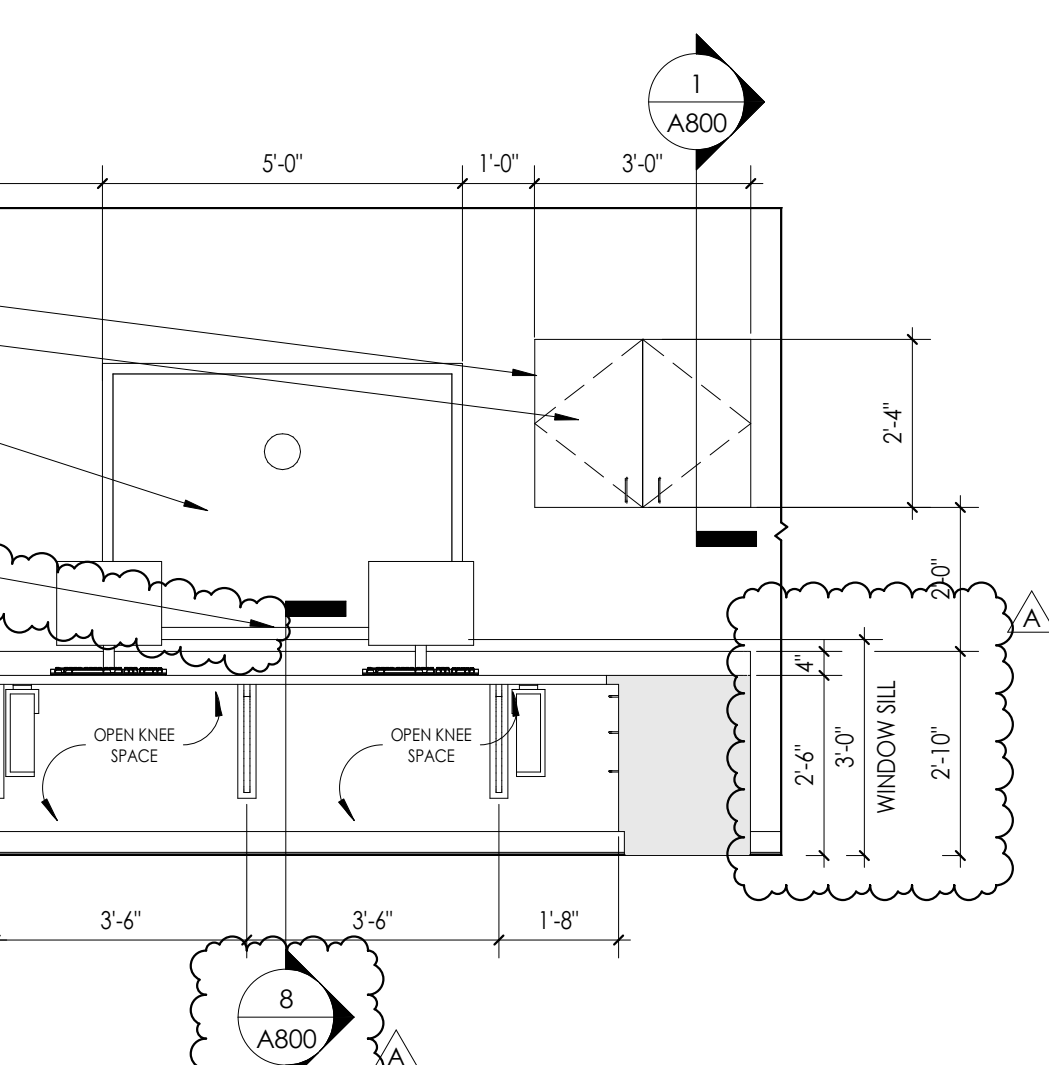
**B2 PATROL DIVISION 1300 - MAIL SLOTS ELEVATION**  
3/8" = 1'-0"



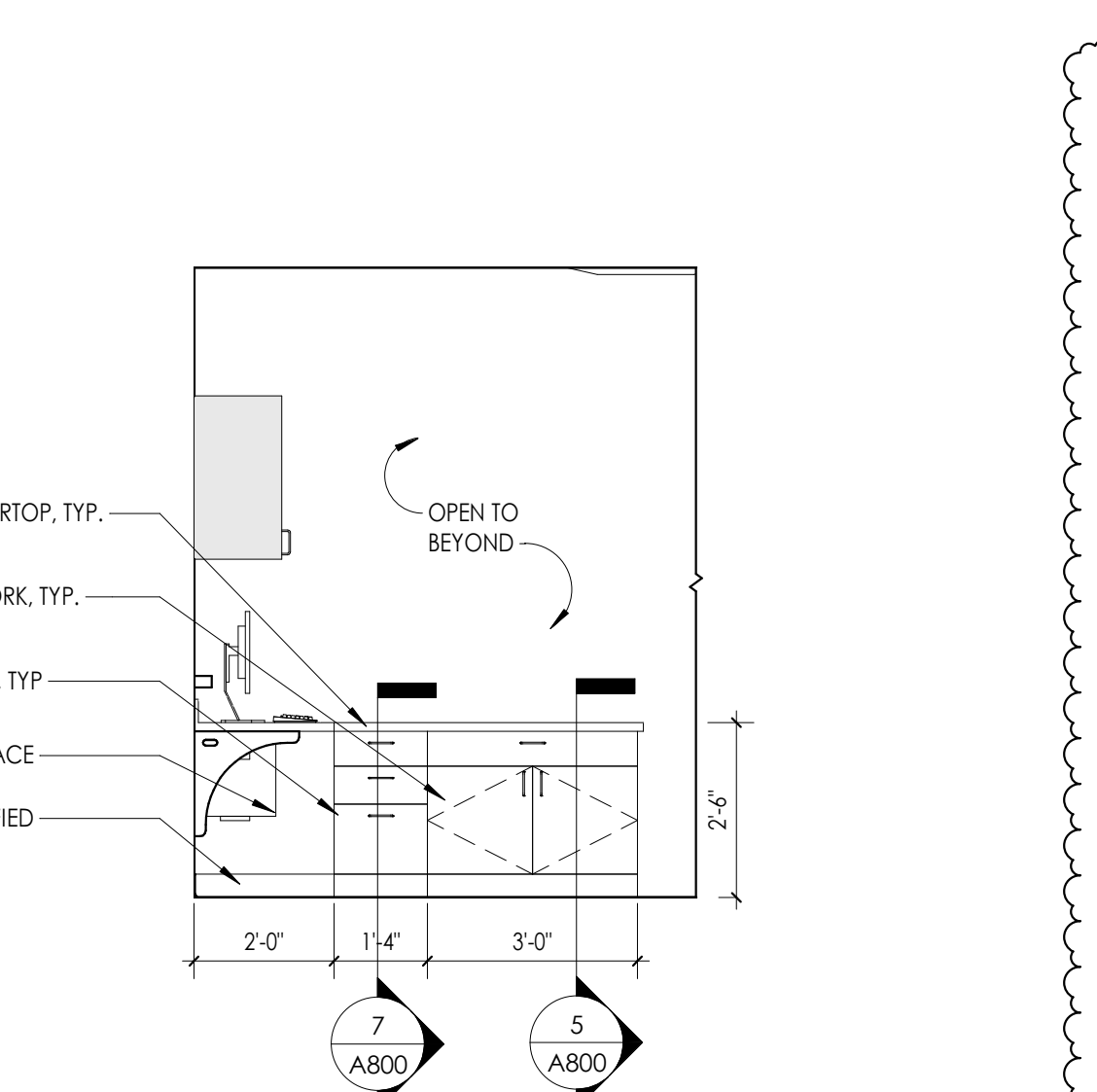
**B1 PATROL DIVISION 1300 - SOUTH ELEVATION**  
3/8" = 1'-0"



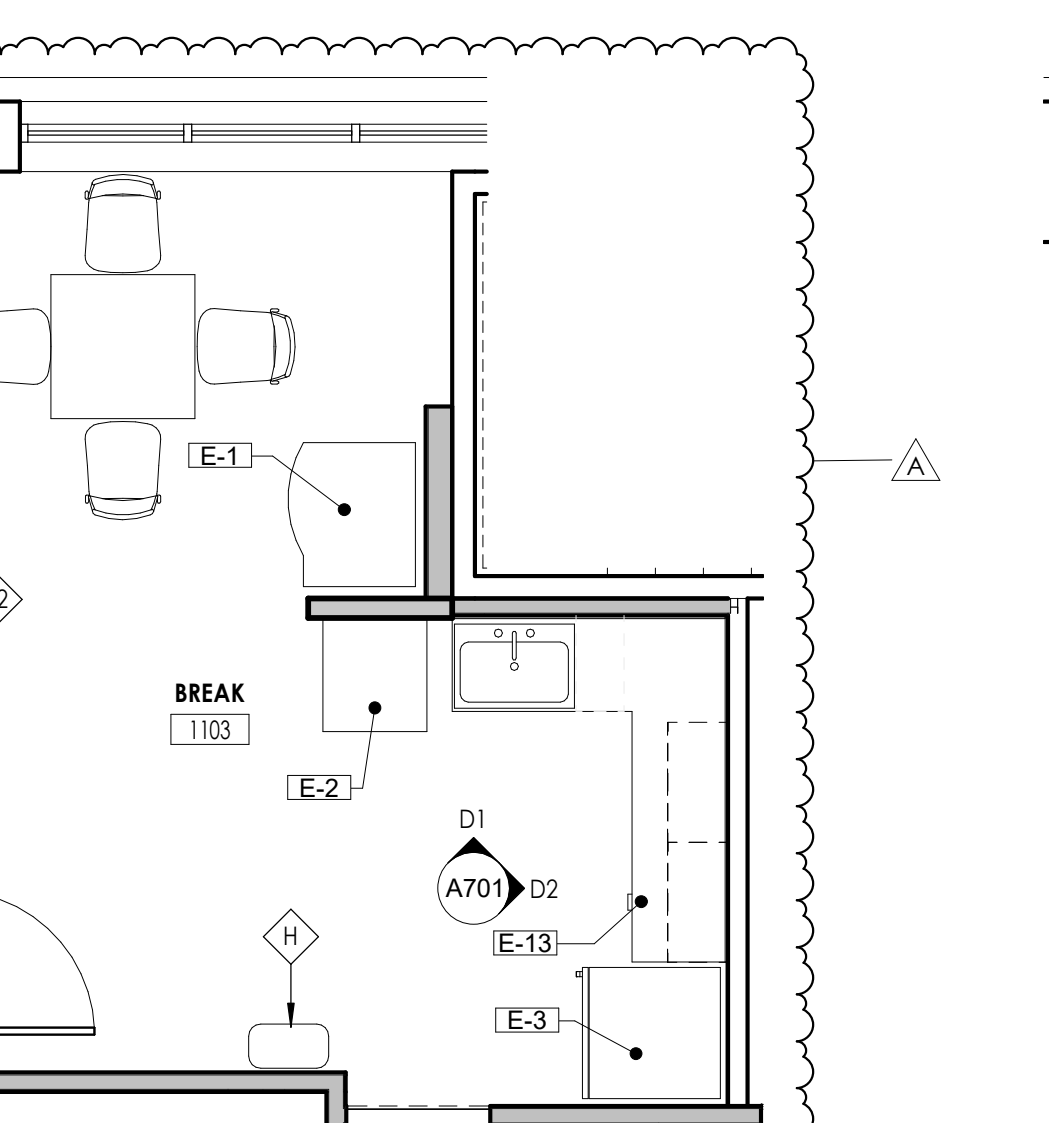
**A3 RECEPTION 1202 - NORTH ELEVATION**  
3/8" = 1'-0"



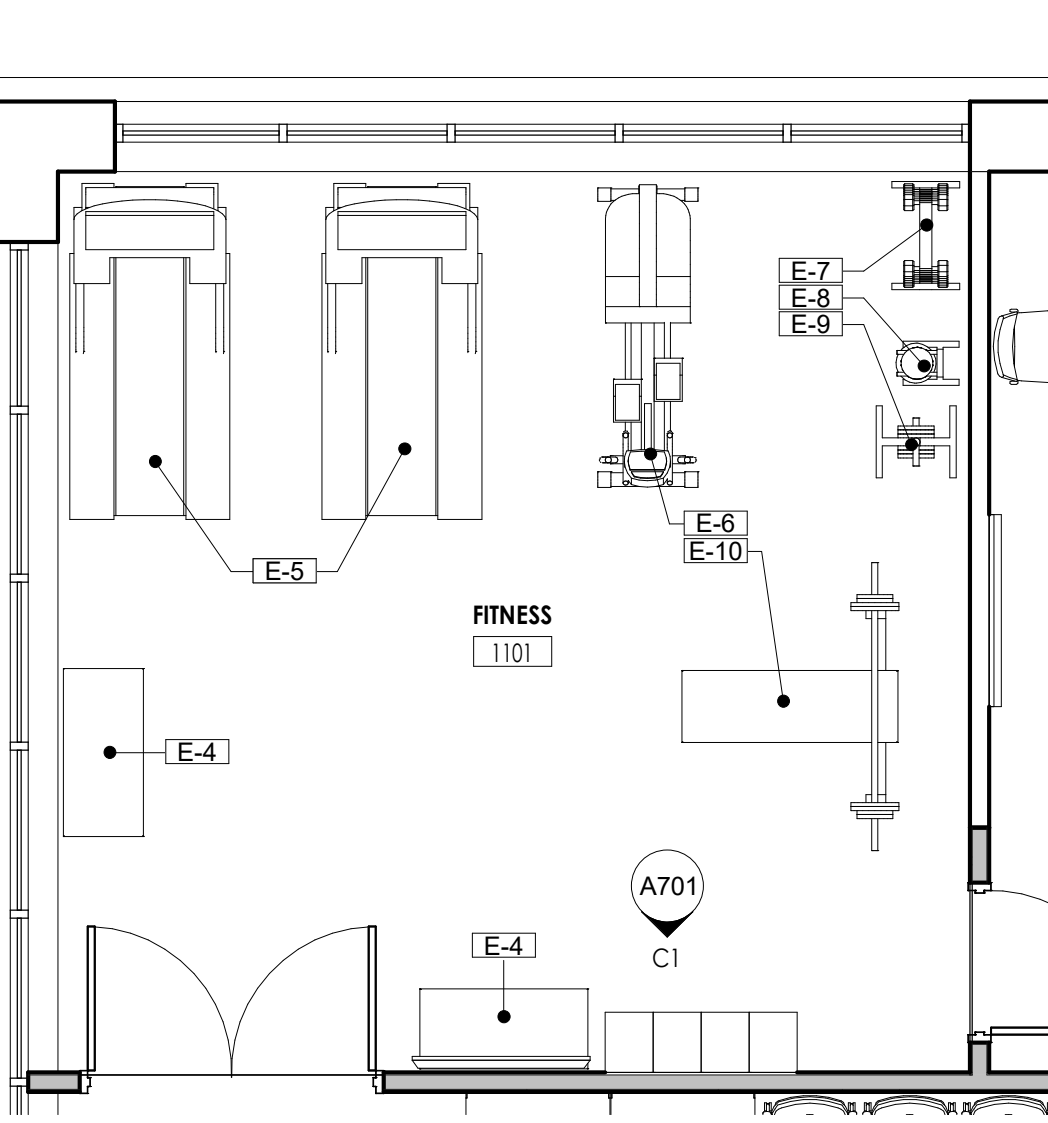
**A2 RECEPTION 1202 - WEST ELEVATION**  
3/8" = 1'-0"



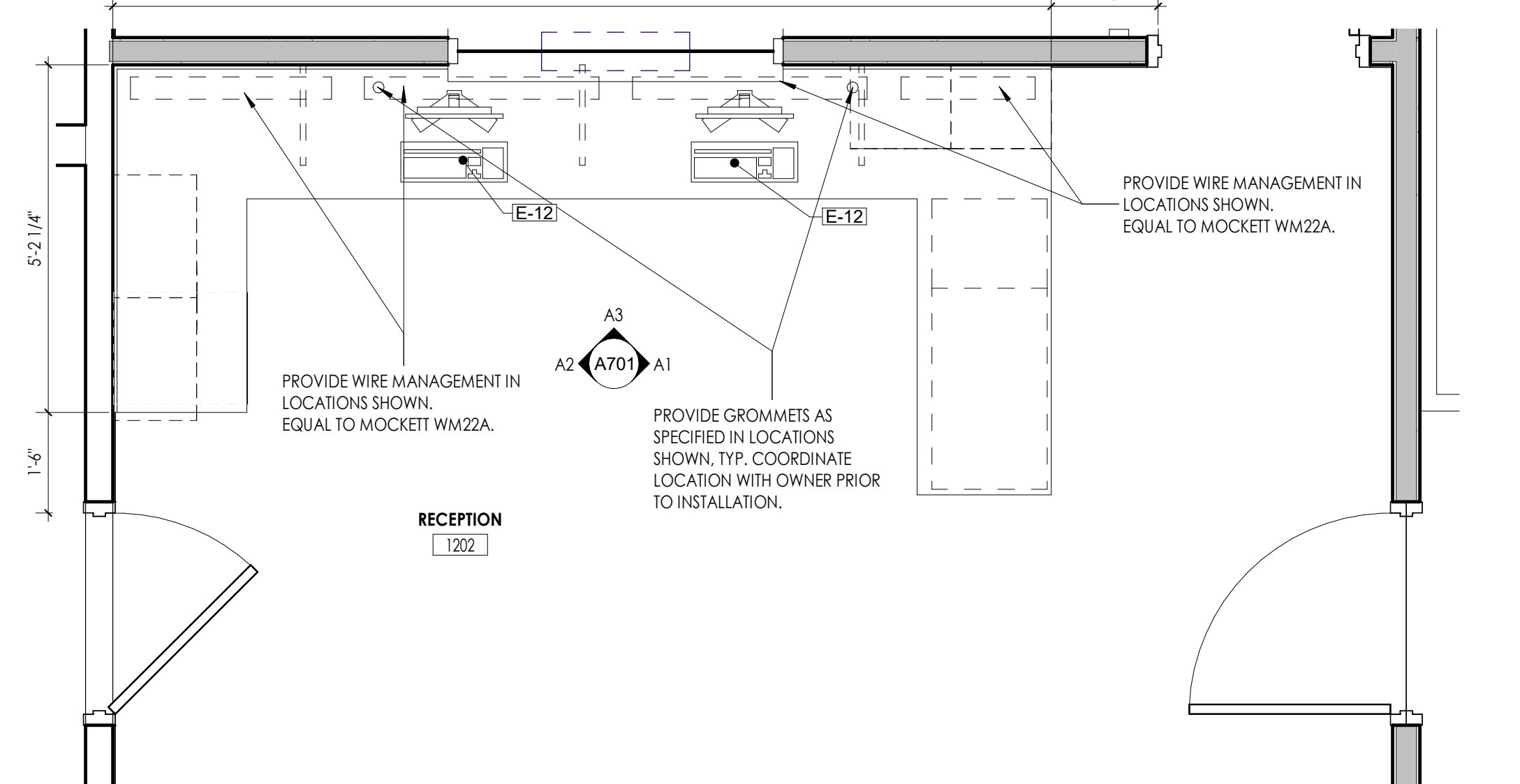
**A1 RECEPTION 1202 - EAST ELEVATION**  
3/8" = 1'-0"



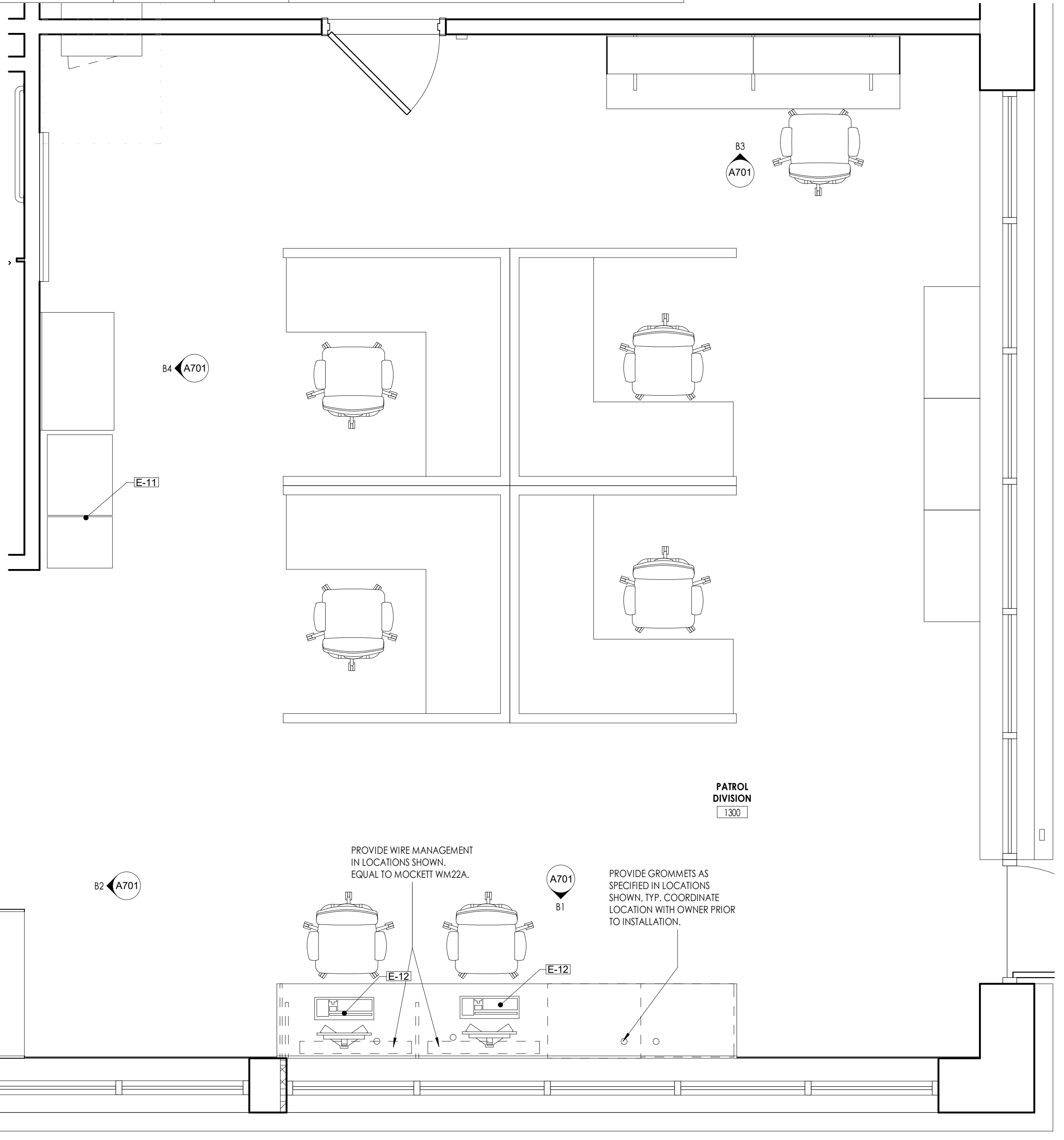
**D BREAK 1103 ENLARGED PLAN**  
1/4" = 1'-0"



**C FITNESS 1101 ENLARGED PLAN**  
1/4" = 1'-0"



**A RECEPTION 1202 ENLARGED PLAN**  
1/2" = 1'-0"



**B PATROL 1300 ENLARGED PLAN**  
1/2" = 1'-0"

**GENERAL INTERIOR ELEVATIONS NOTES**

- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
- PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES.
- REFER TO FINISH SCHEDULE AND COLOR LEGEND FOR FINISHES.
- REFER TO A200 SERIES DRAWINGS FOR ADDITIONAL SPECIALTIES.
- REFER TO A400 SERIES DRAWINGS FOR CEILING HEIGHTS.
- PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED MILLWORK.
- PROVIDE FILLER PANEL WHERE MILLWORK MEETS WALL.
- PROVIDE SUPPORT BRACKETS AT WORK SURFACES, 42" MAX BETWEEN BRACKETS UNLESS NOTED OTHERWISE.
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- PROVIDE VALANCE COVER AT ALL UNDER CABINET LIGHTING WHEREVER UNDER CABINET LIGHTING IS REQUIRED.
- REFER TO FINISH SCHEDULE AND A700 SERIES DRAWINGS FOR MILLWORK FINISHES.
- REFER TO A700 FOR TOILET FIXTURE AND ACCESSORIES LEGEND AND MOUNTING HEIGHTS.
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- ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.

**APPLIANCE & EQUIPMENT SCHEDULE**

Type Mark	Description	Model	Manufacturer	FURNISHED/INSTALLED
E-1	VENDING MACHINE	TBD	TBD	OFCI: COORDINATE WITH OWNER'S VENDOR
E-2	ICE MAKER, EXISTING	UD0140A-1618	MANTOWOC	OFCI
E-3	REFRIGERATOR, DOMESTIC WITH FREEZER	Z19 CU FT (S232KYNBFS)	GE APPLIANCES	OFCI
E-4	LOCKER ROOM BENCH	PHENOLIC TOP WITH TUBE PEDESTAL BASE	ASI	OFCI
E-5	TREADMILL	OWNER SUPPLIED	OWNER SUPPLIED	OFCI
E-6	ELLIPTICAL	OWNER SUPPLIED	OWNER SUPPLIED	OFCI
E-7	RACK, DUMBBELL	OWNER SUPPLIED	OWNER SUPPLIED	OFCI
E-8	RACK, MEDICINE BALL	OWNER SUPPLIED	OWNER SUPPLIED	OFCI
E-9	RACK, WEIGHTS	OWNER SUPPLIED	OWNER SUPPLIED	OFCI
E-10	BENCH PRESS	OWNER SUPPLIED	OWNER SUPPLIED	OFCI
E-11	COOPER	RE:IT	RE:IT	OFCI: COORDINATE WITH OWNER'S VENDOR
E-12	WORKSTATION: PC, CPU SLING	RE:IT	RE:IT	OFCI: COORDINATE WITH OWNER'S IT DEPT. PROVIDE CPU SLING EQUAL TO RICHEUR, COORDINATE SIZE AND LOCATIONS WITH OWNER.
E-13	MICROWAVE	2.2 CU FT BUILT IN (PEB727DAWW)	GE APPLIANCES	OFCI
E-14	SIDE BY SIDE REFRIGERATOR	GSS22CPHFS (23.0 CU FT/White)	GE APPLIANCES	OFCI
M1				
M2				
SCS				
SG6				

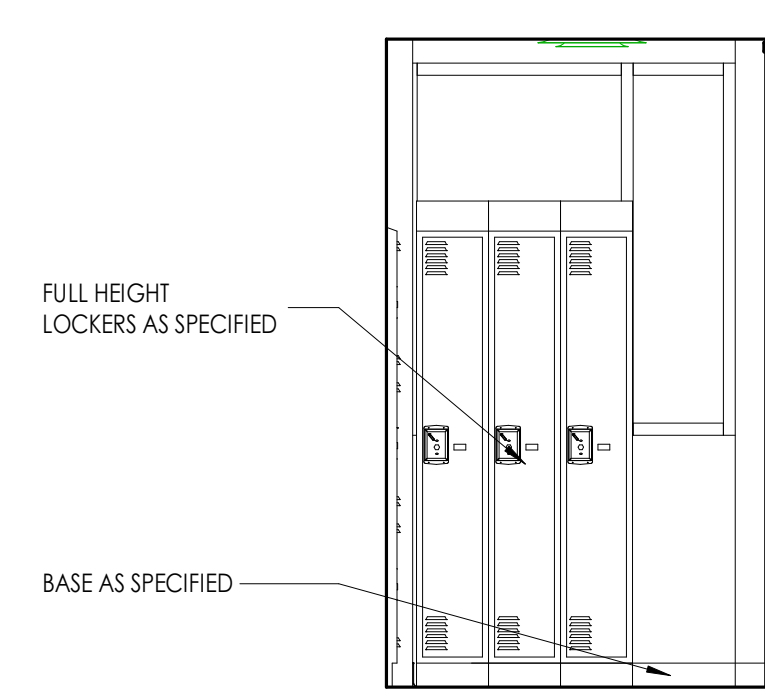
**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

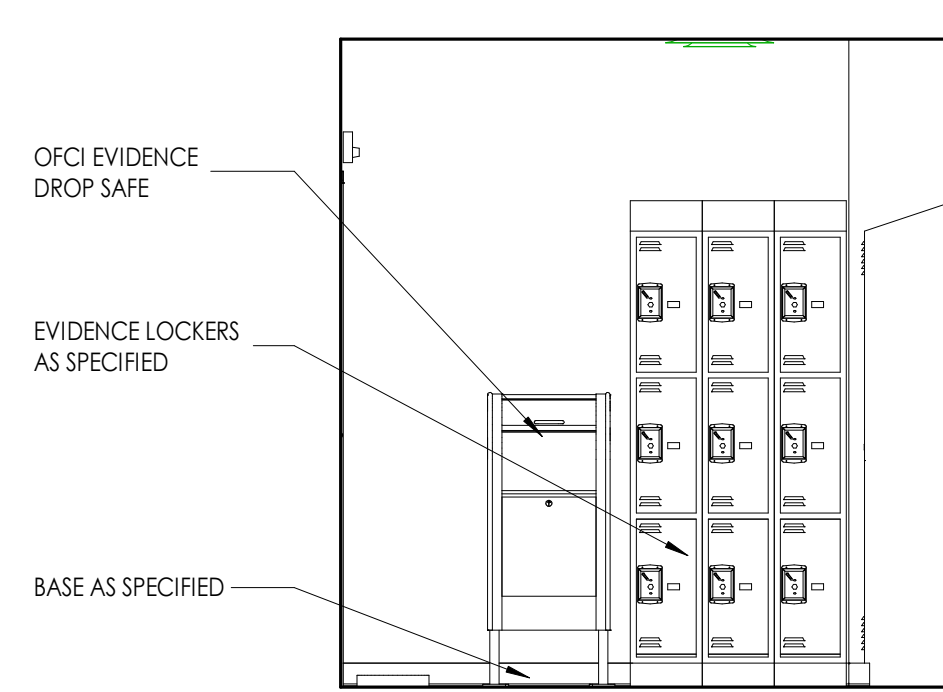
Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

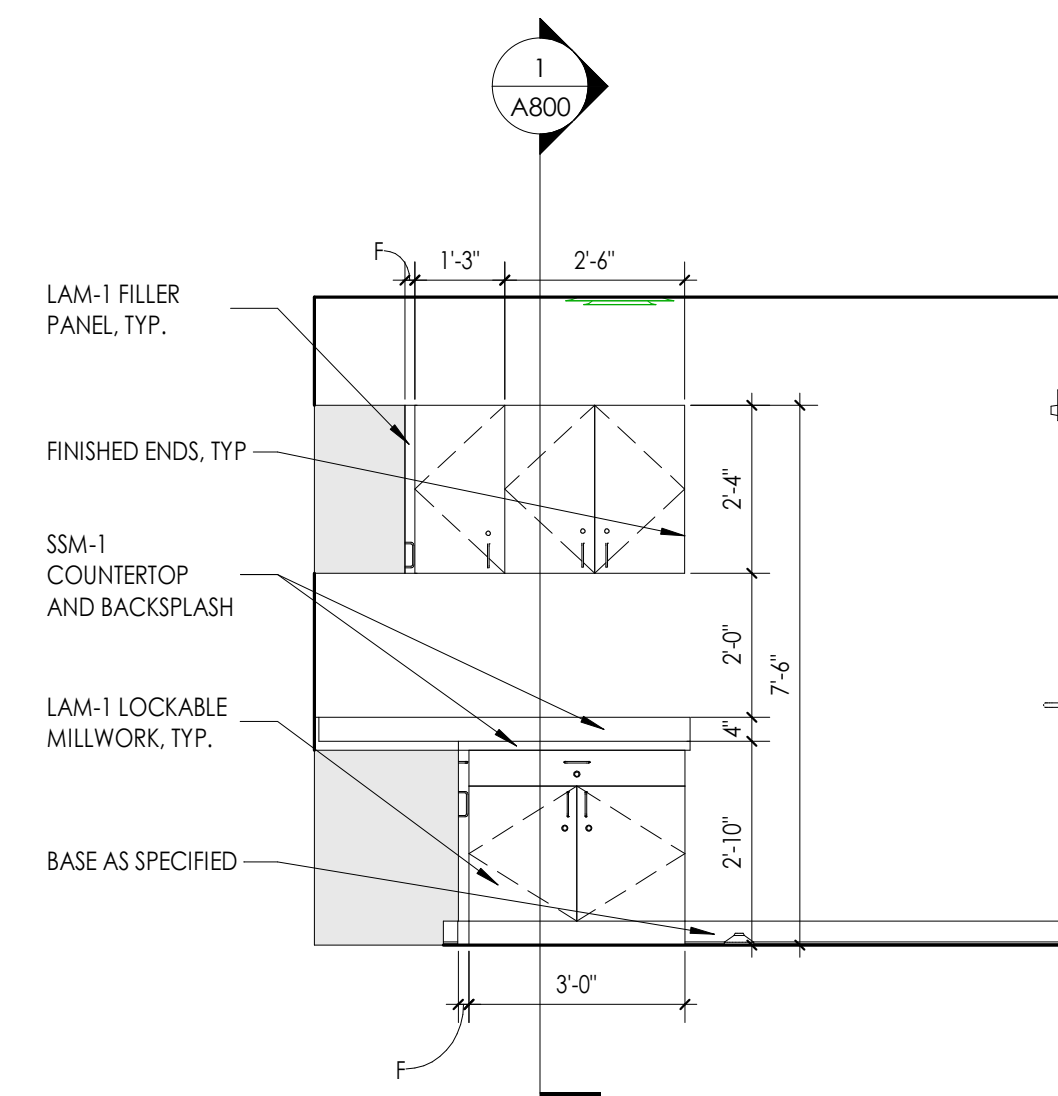
Issue No. Description  
A 10/09/2024 PRE-BID RFI RESPONSE



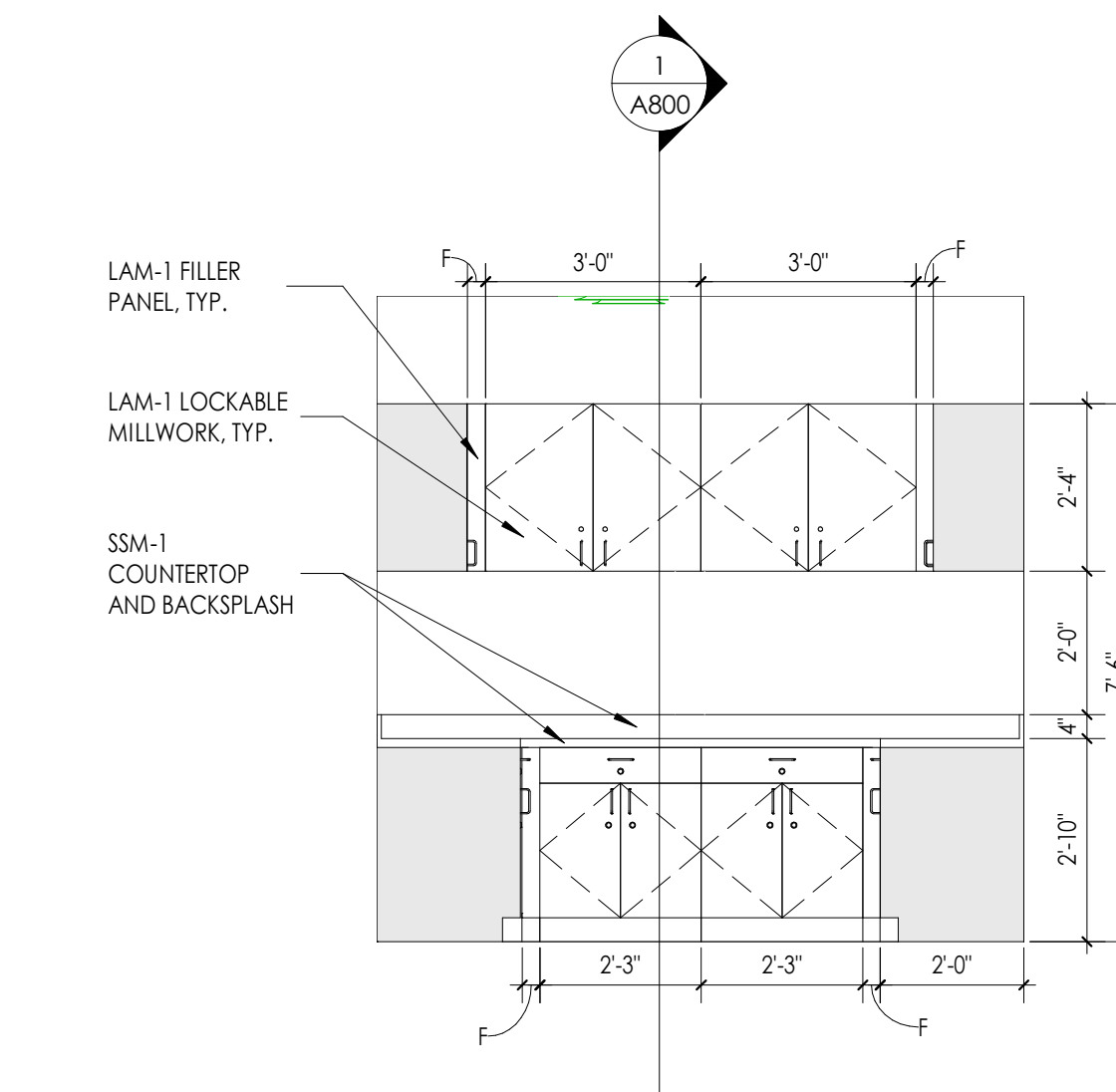
**D2 EVIDENCE 2118 - SOUTH ELEVATION**  
3/8" = 1'-0"



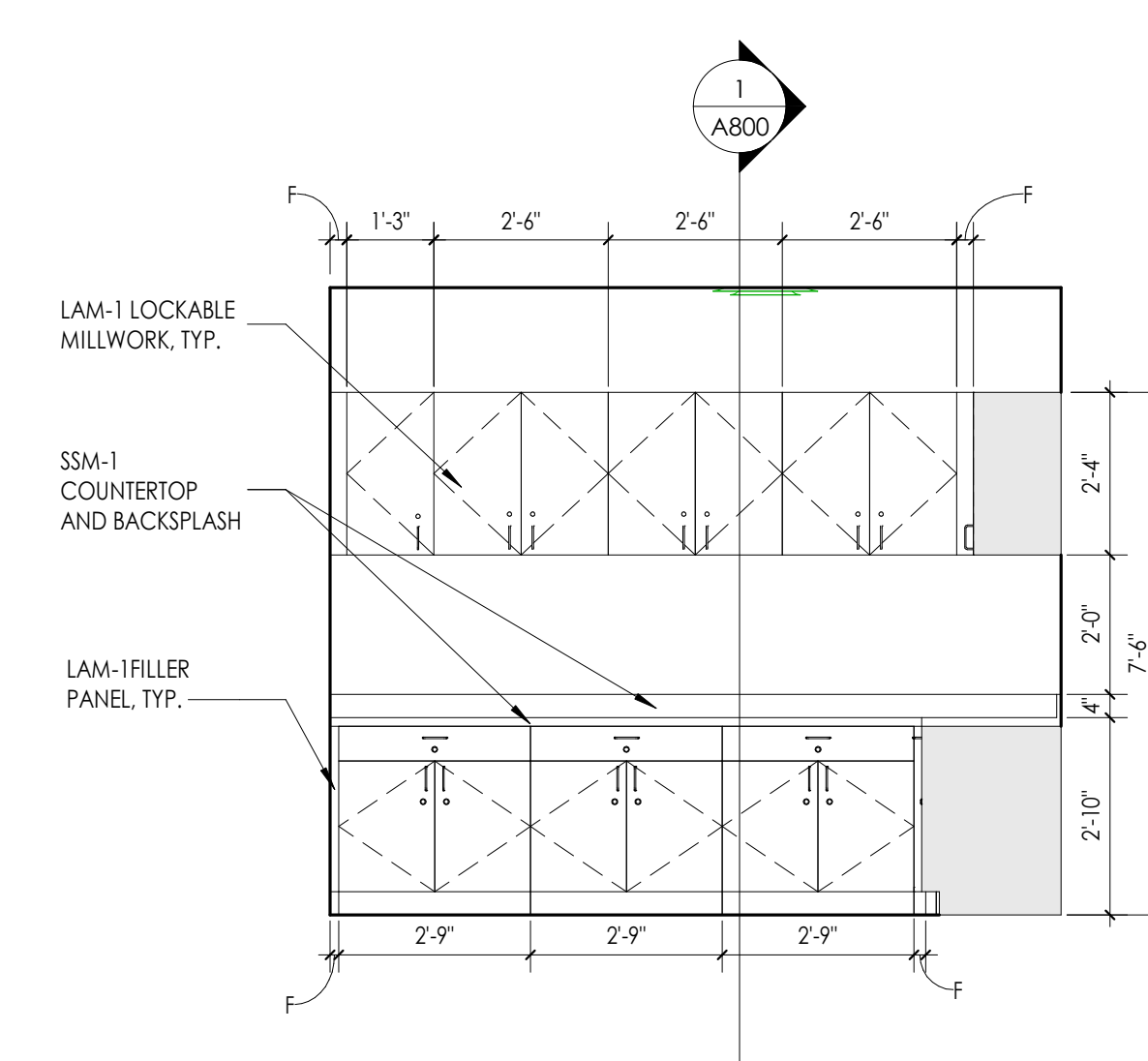
**D1 EVIDENCE 2118 - EAST ELEVATION**  
3/8" = 1'-0"



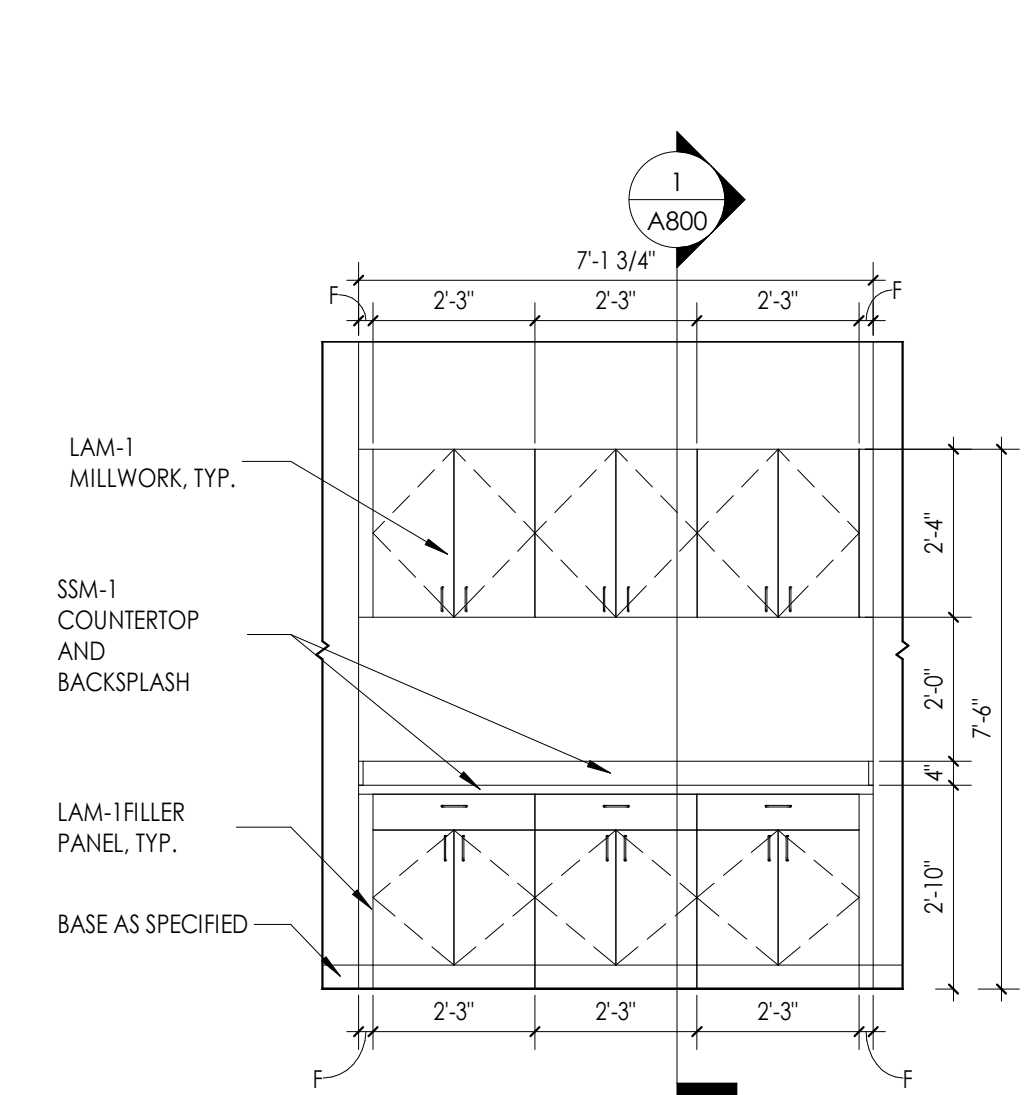
**C3 STORAGE 2109 - SOUTH ELEVATION**  
3/8" = 1'-0"



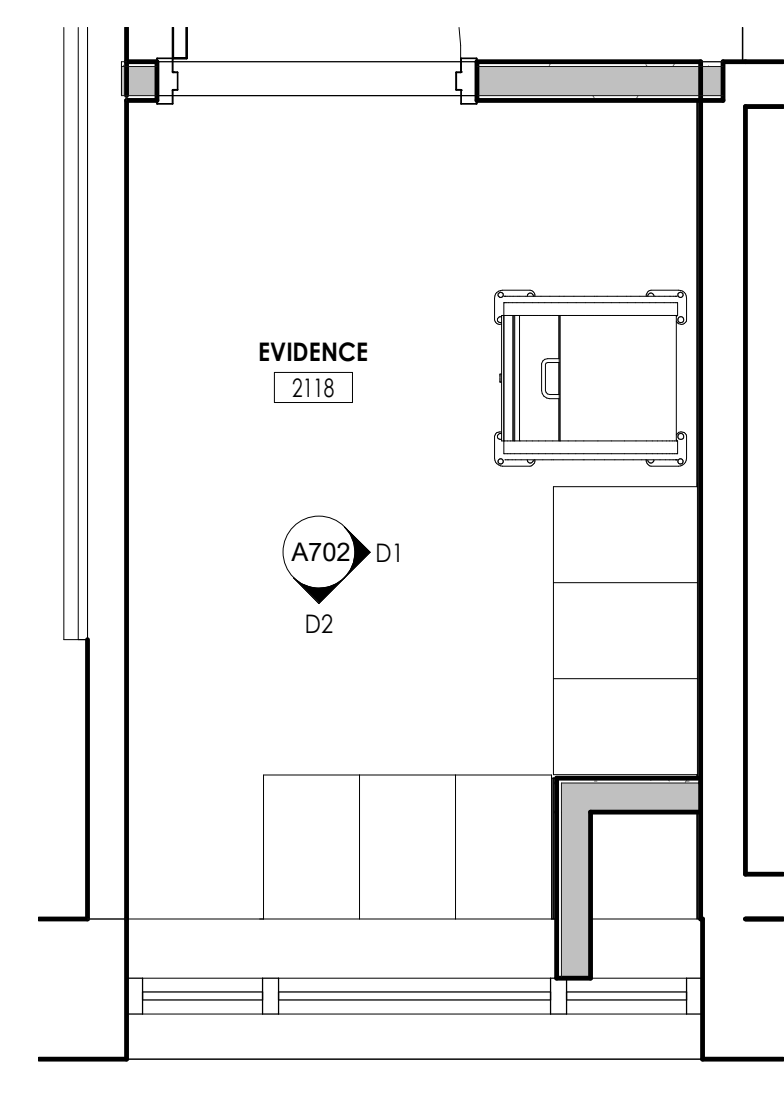
**C2 STORAGE 2109 - EAST ELEVATION**  
3/8" = 1'-0"



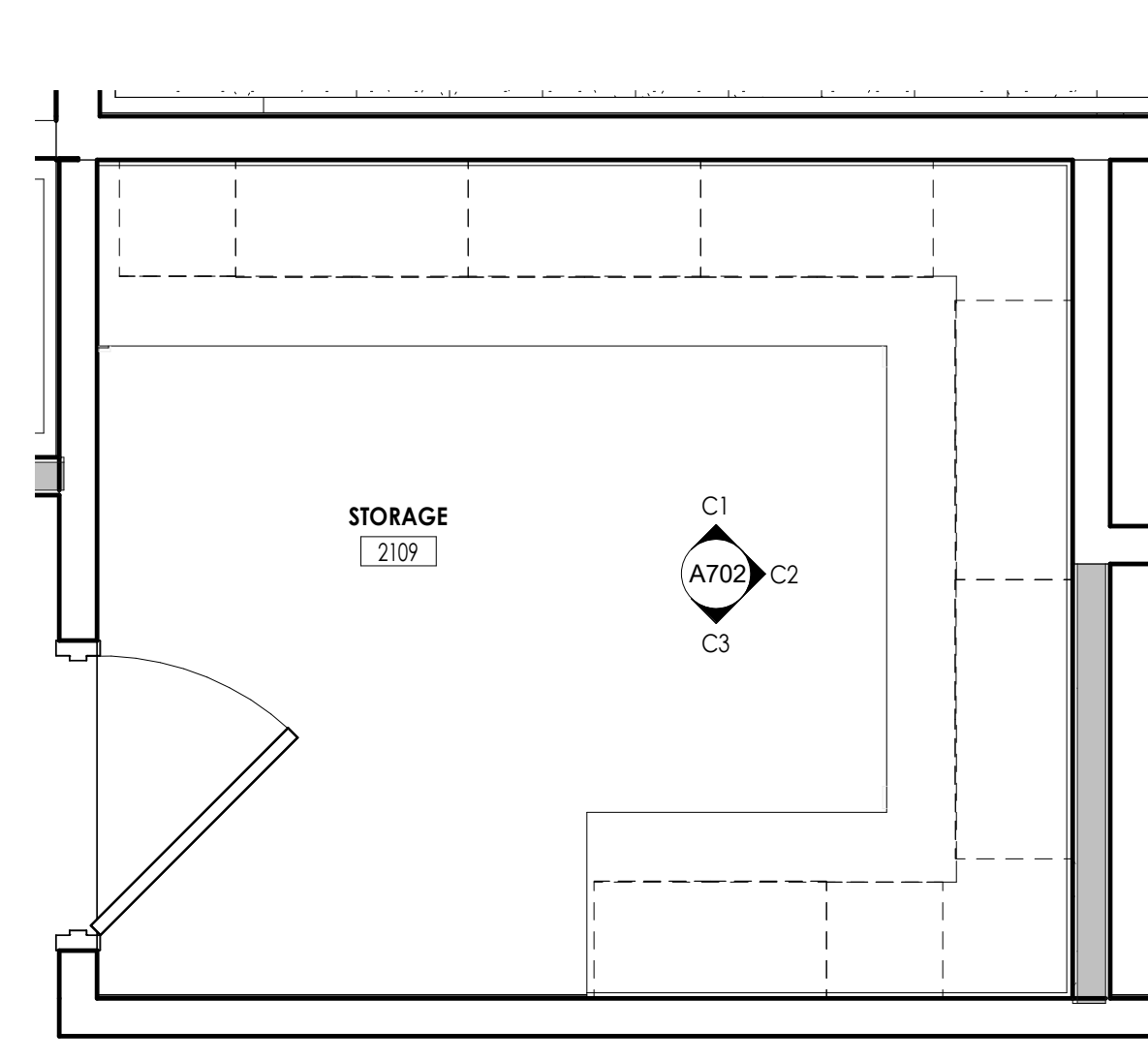
**C1 STORAGE 2109 - NORTH ELEVATION**  
3/8" = 1'-0"



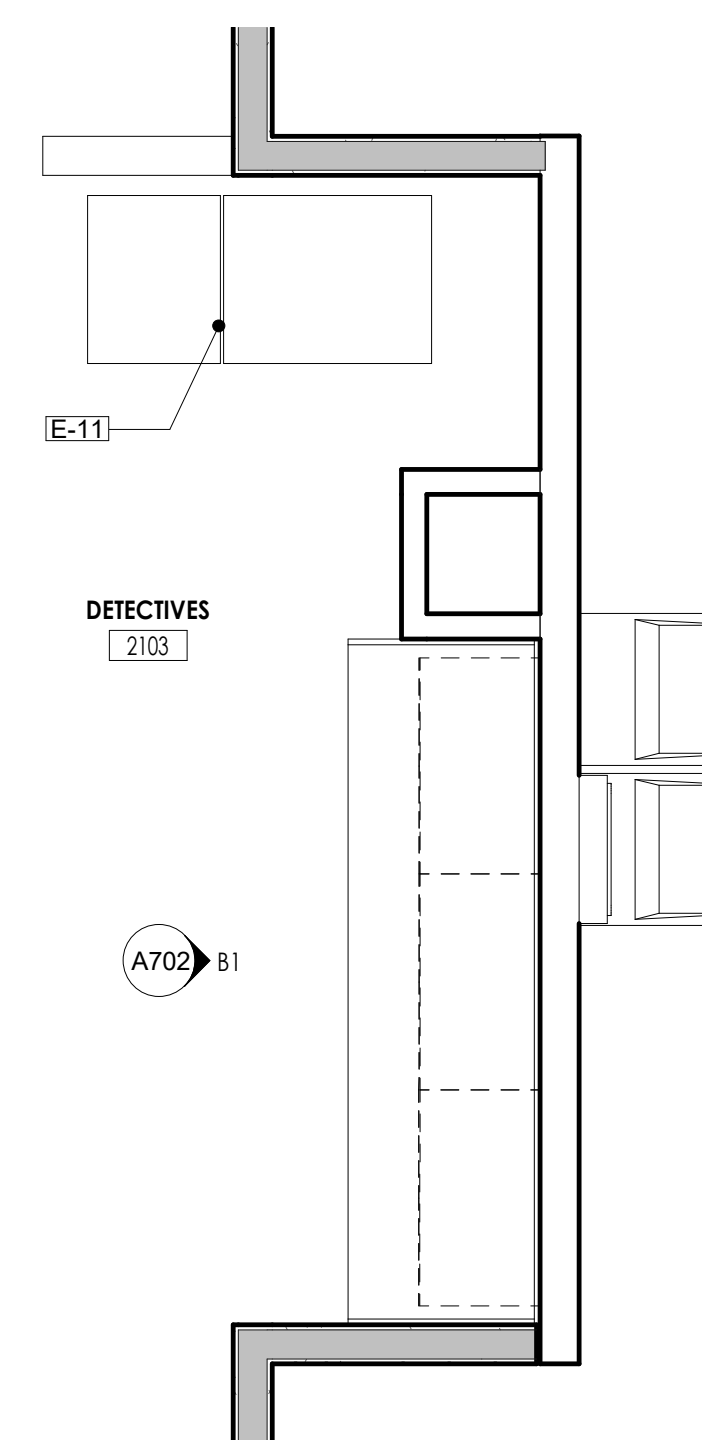
**B1 SPECIAL OPS 2103 - EAST ELEVATION**  
3/8" = 1'-0"



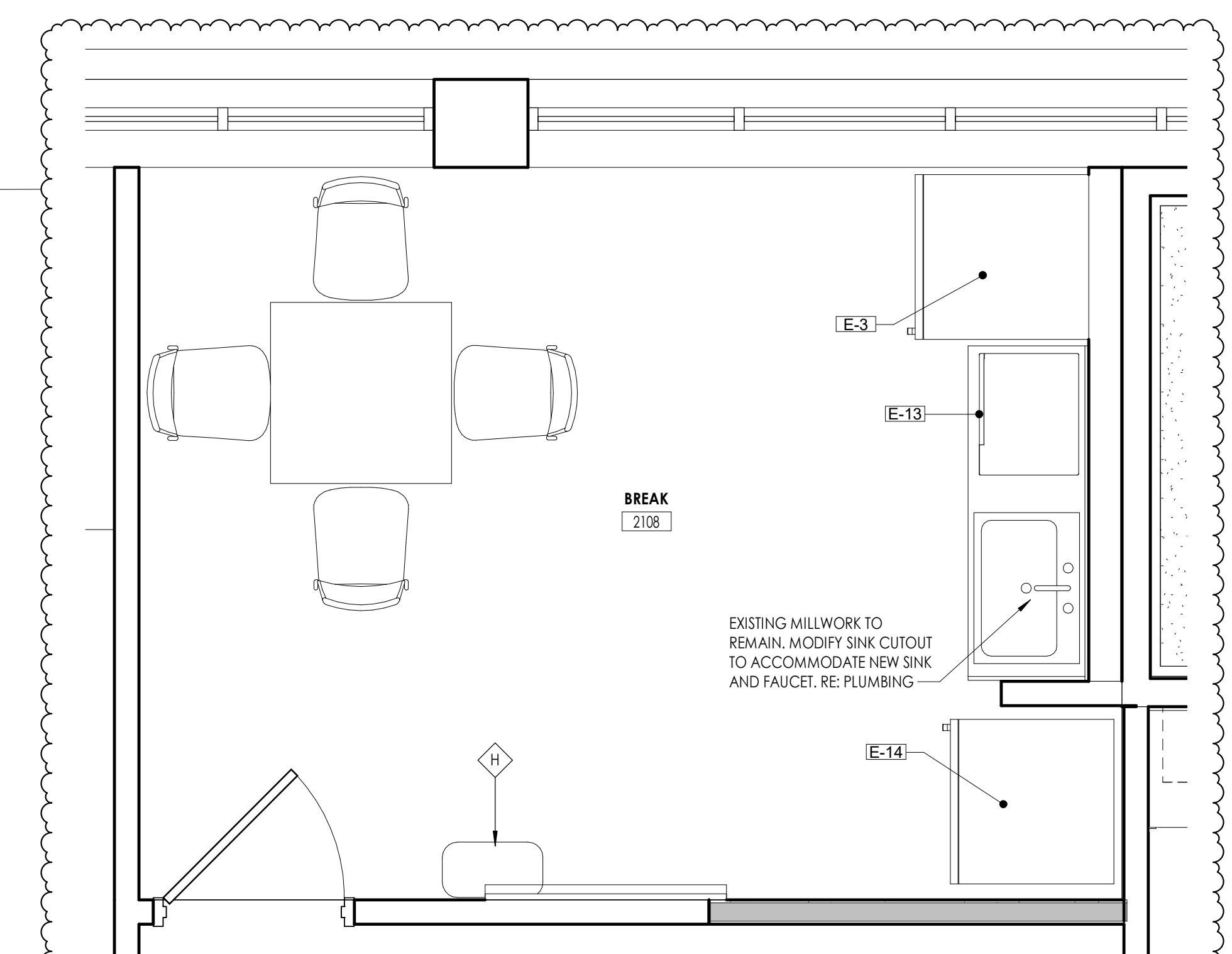
**D EVIDENCE 2118 ENLARGED PLAN**  
1/2" = 1'-0"



**C STORAGE 2109 ENLARGED PLAN**  
1/2" = 1'-0"



**B SPECIAL OPS 2103 ENLARGED PLAN**  
1/2" = 1'-0"



**A BREAK 2108 ENLARGED PLAN**  
1/2" = 1'-0"

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: As Indicated  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS  
Checked By: R  
Drawing Title: EQUIPMENT SCHEDULE & ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS  
Drawing Number:

**PROJECT INFORMATION**

Project Number: R23.00720.00

Client Name: YORK COUNTY, SC

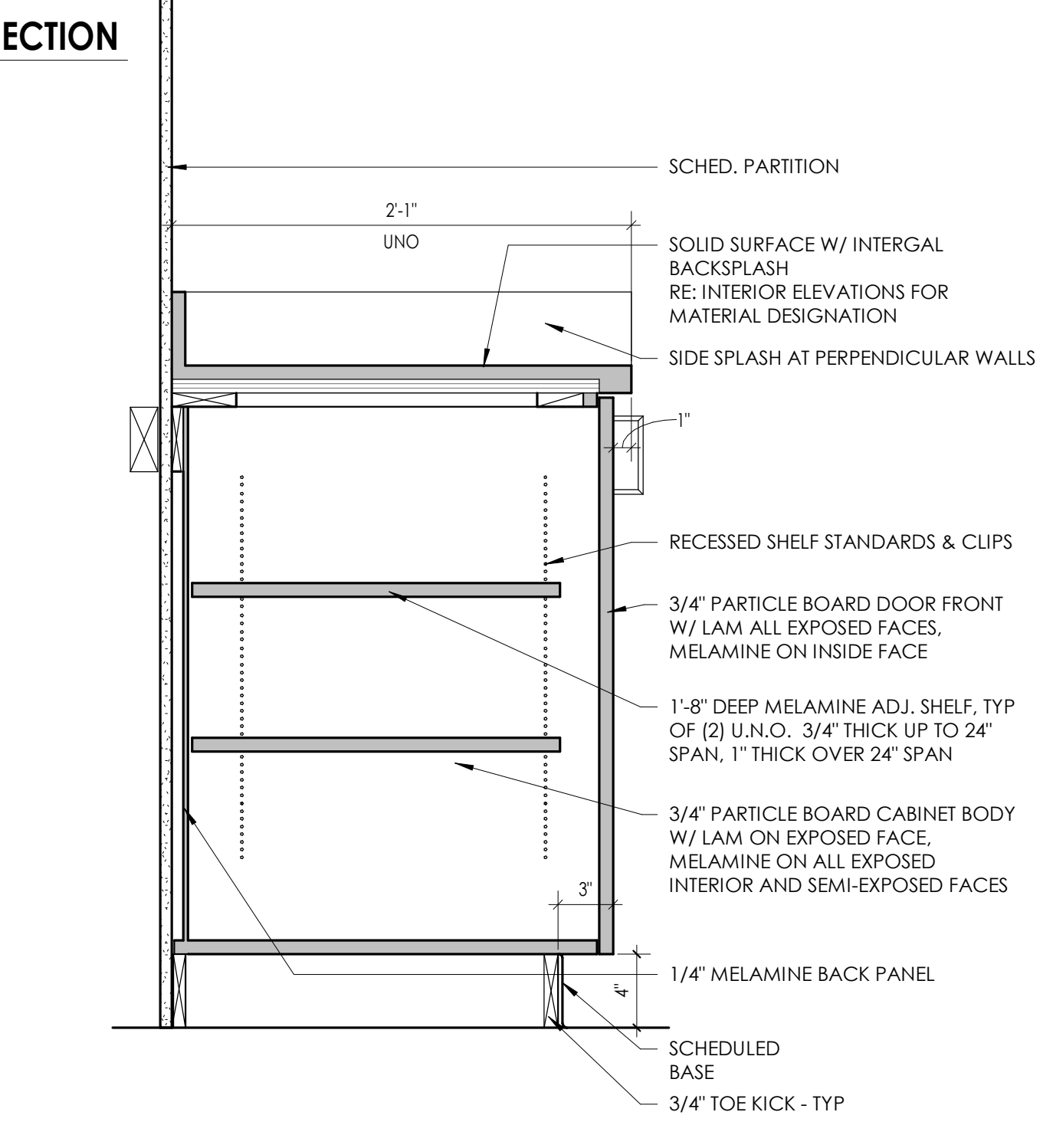
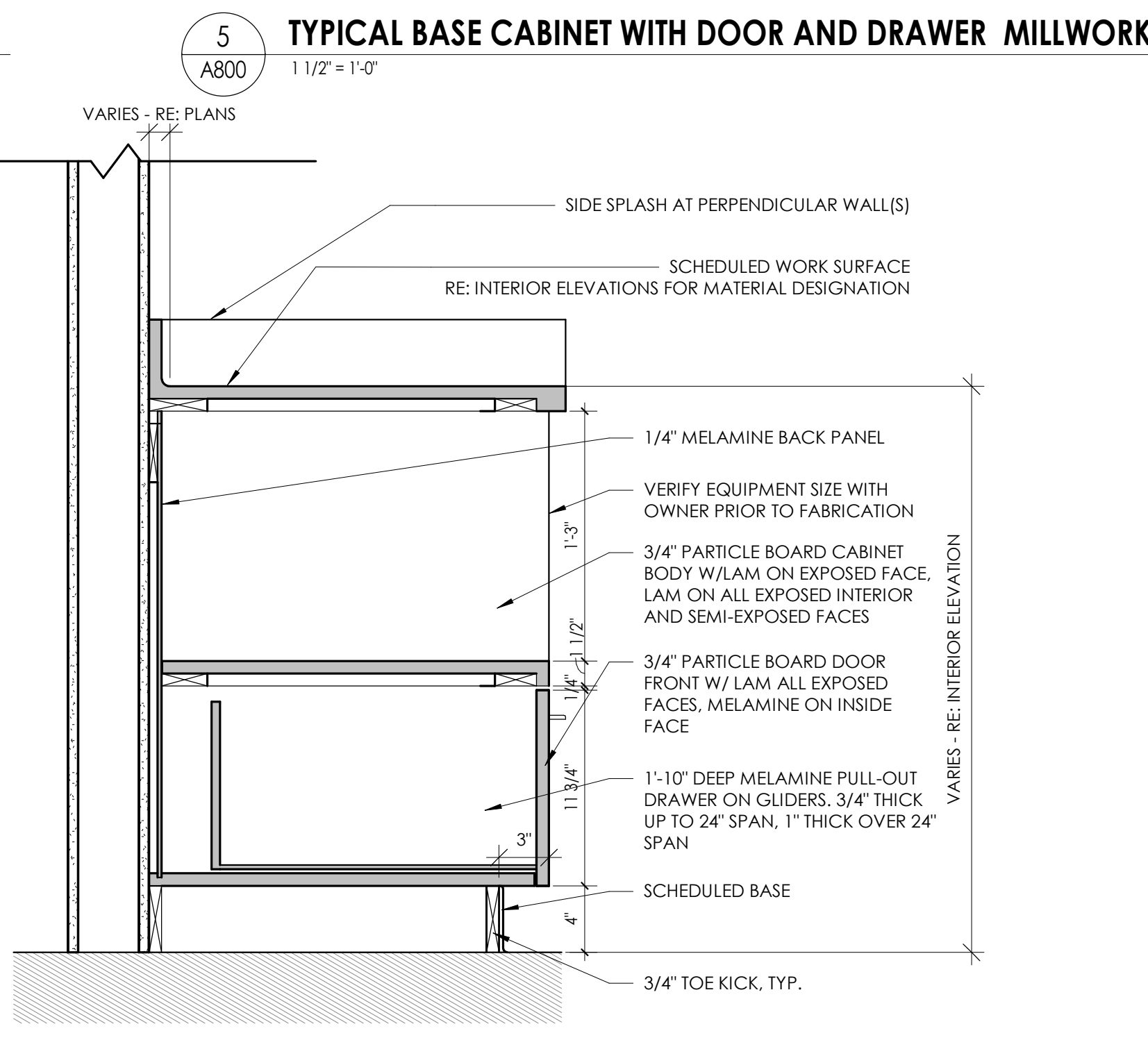
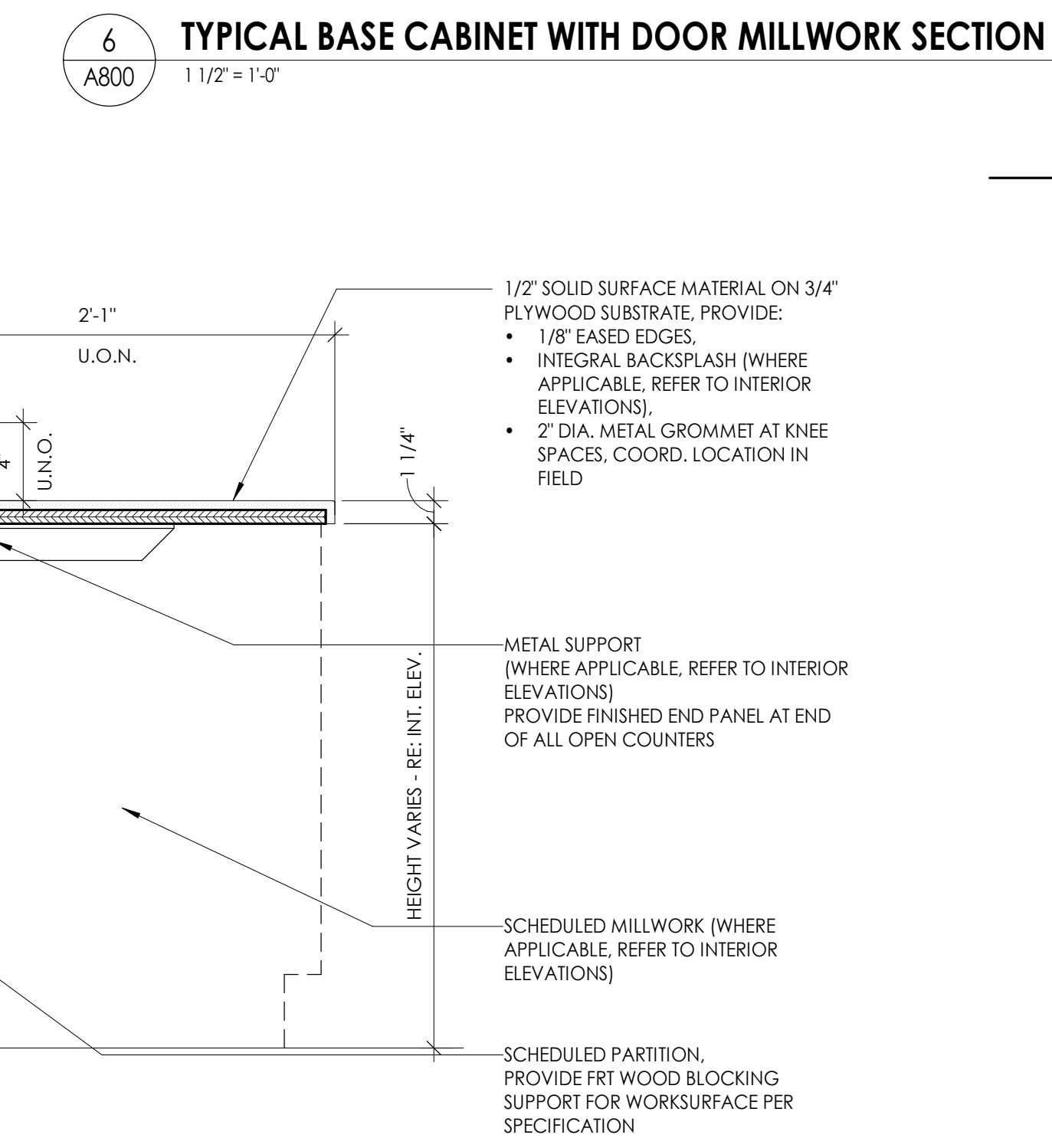
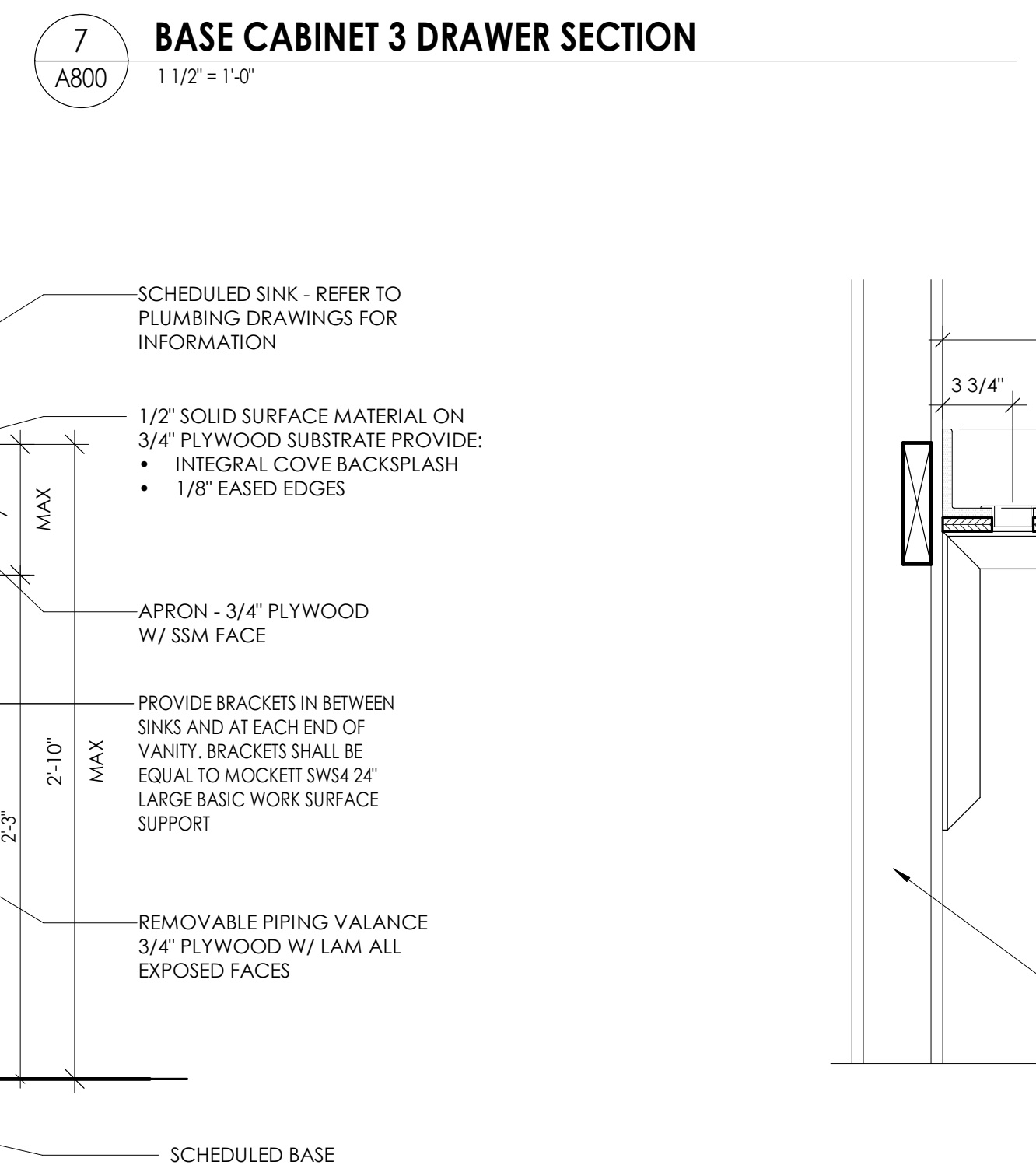
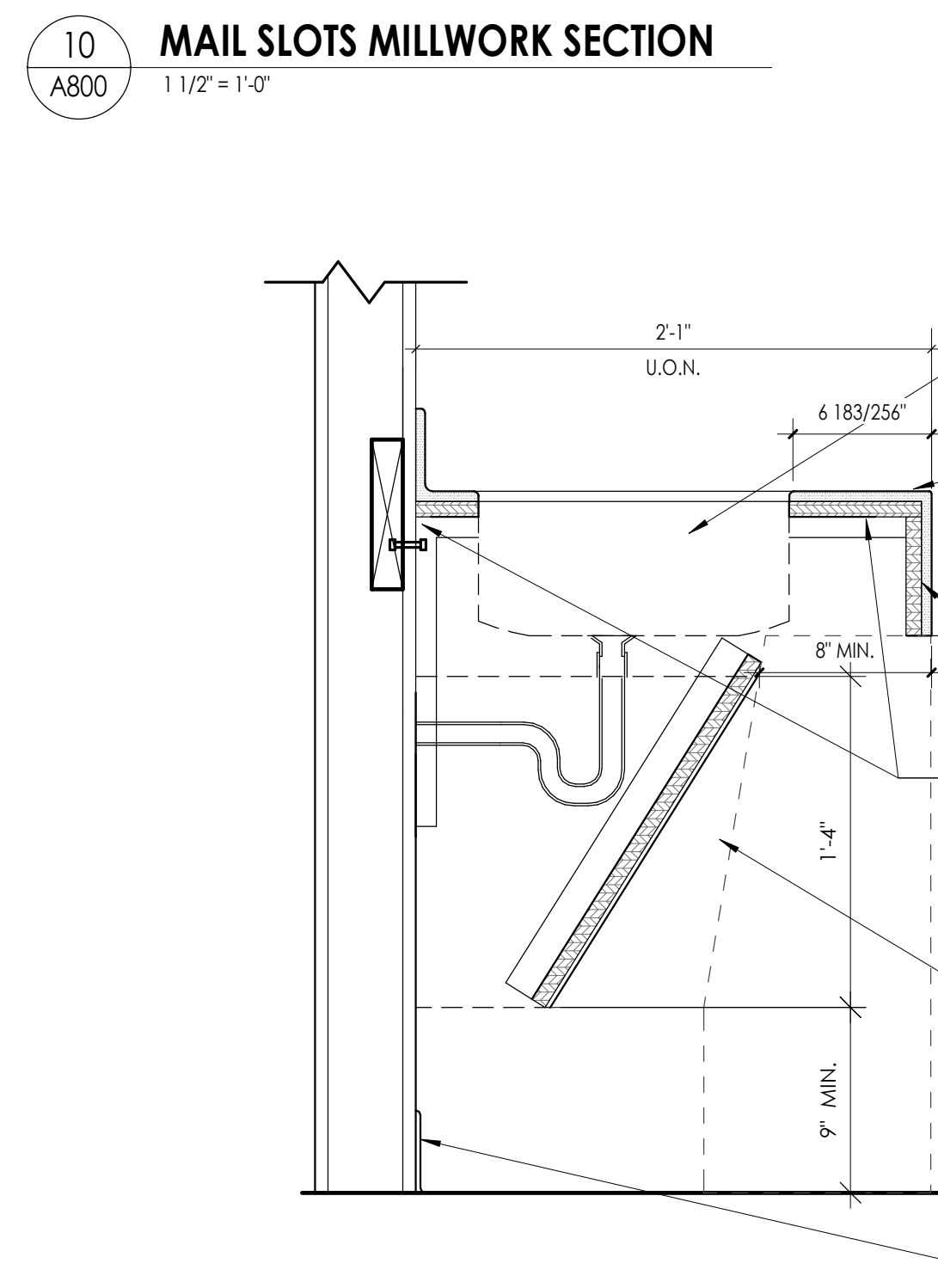
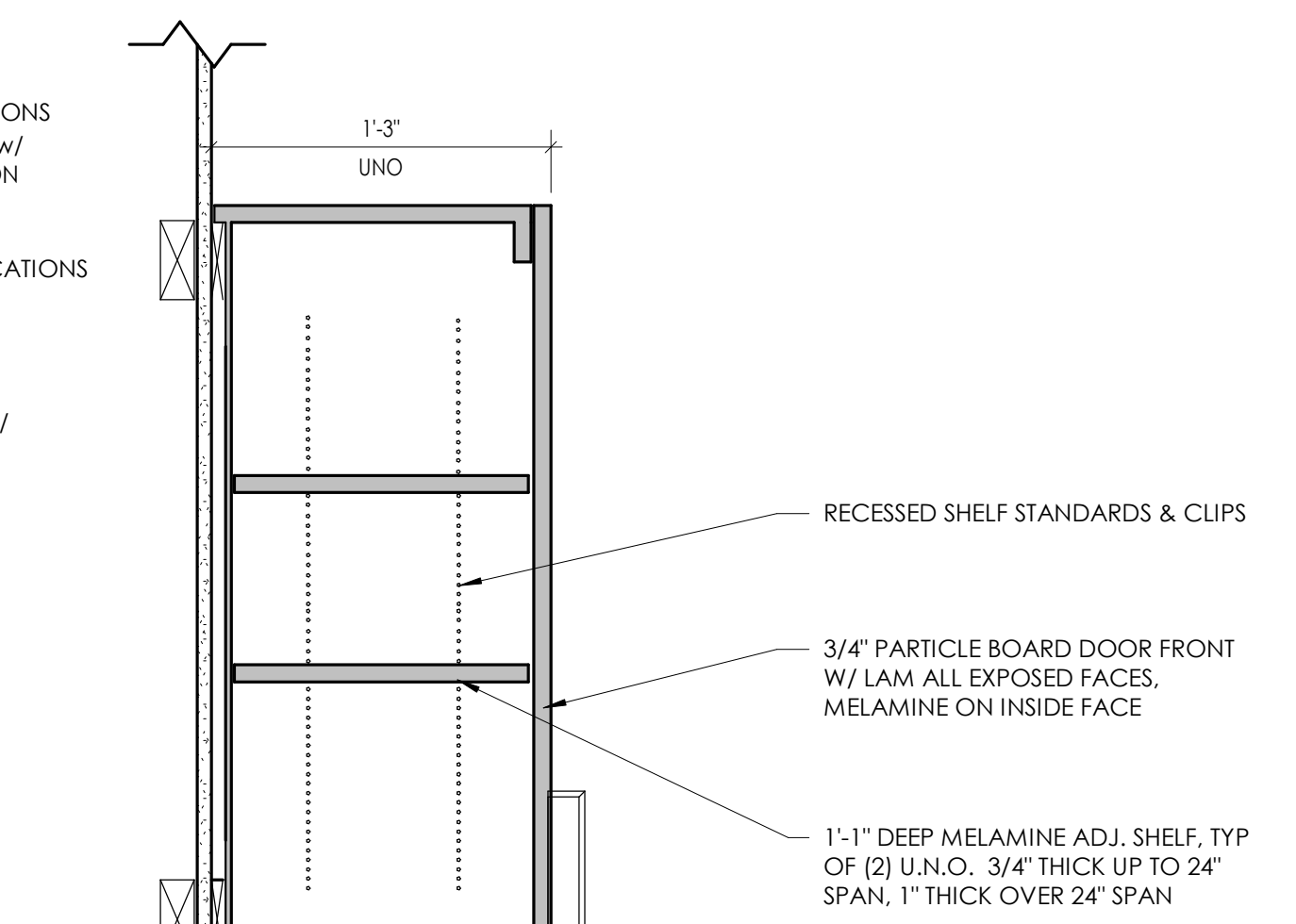
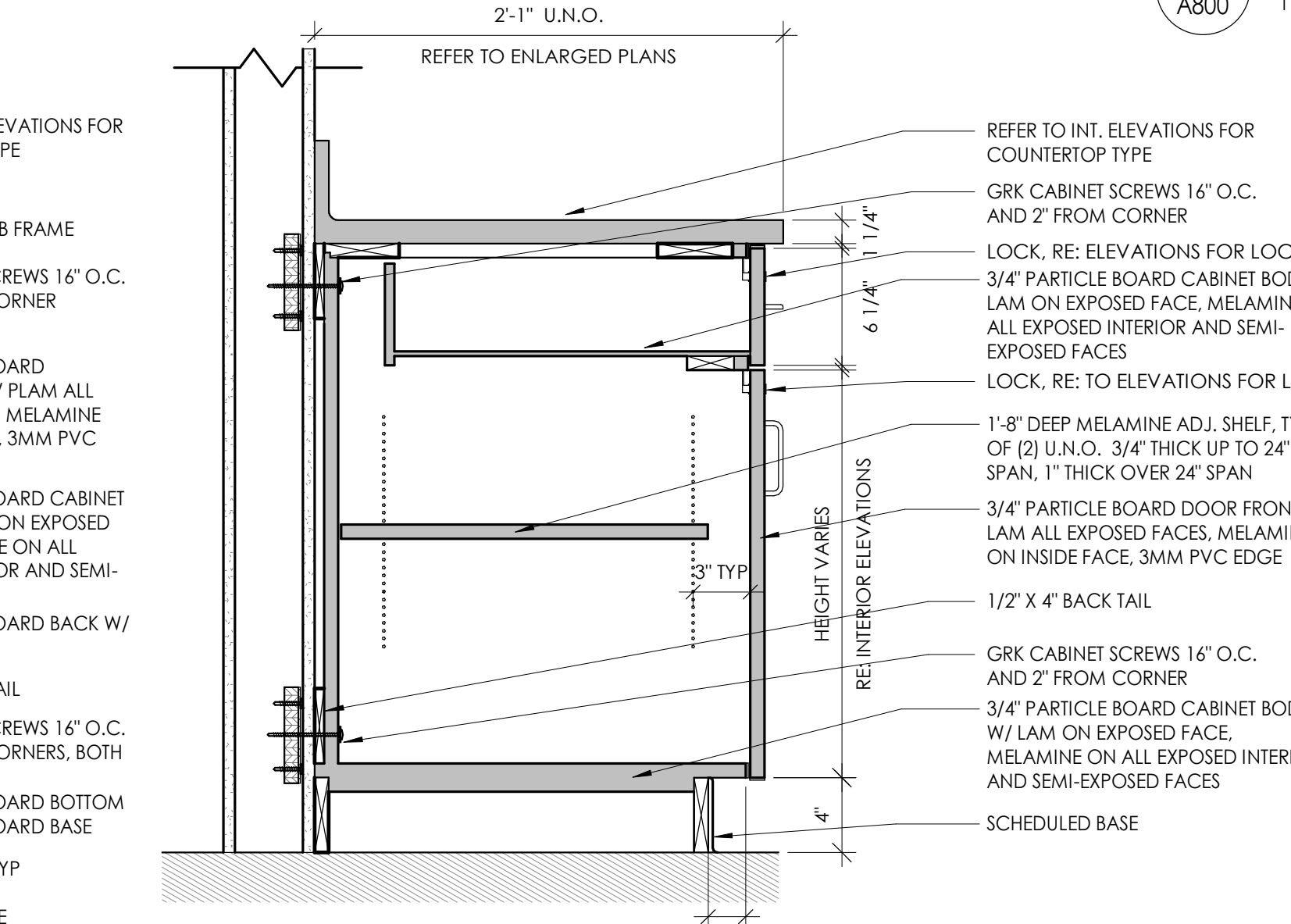
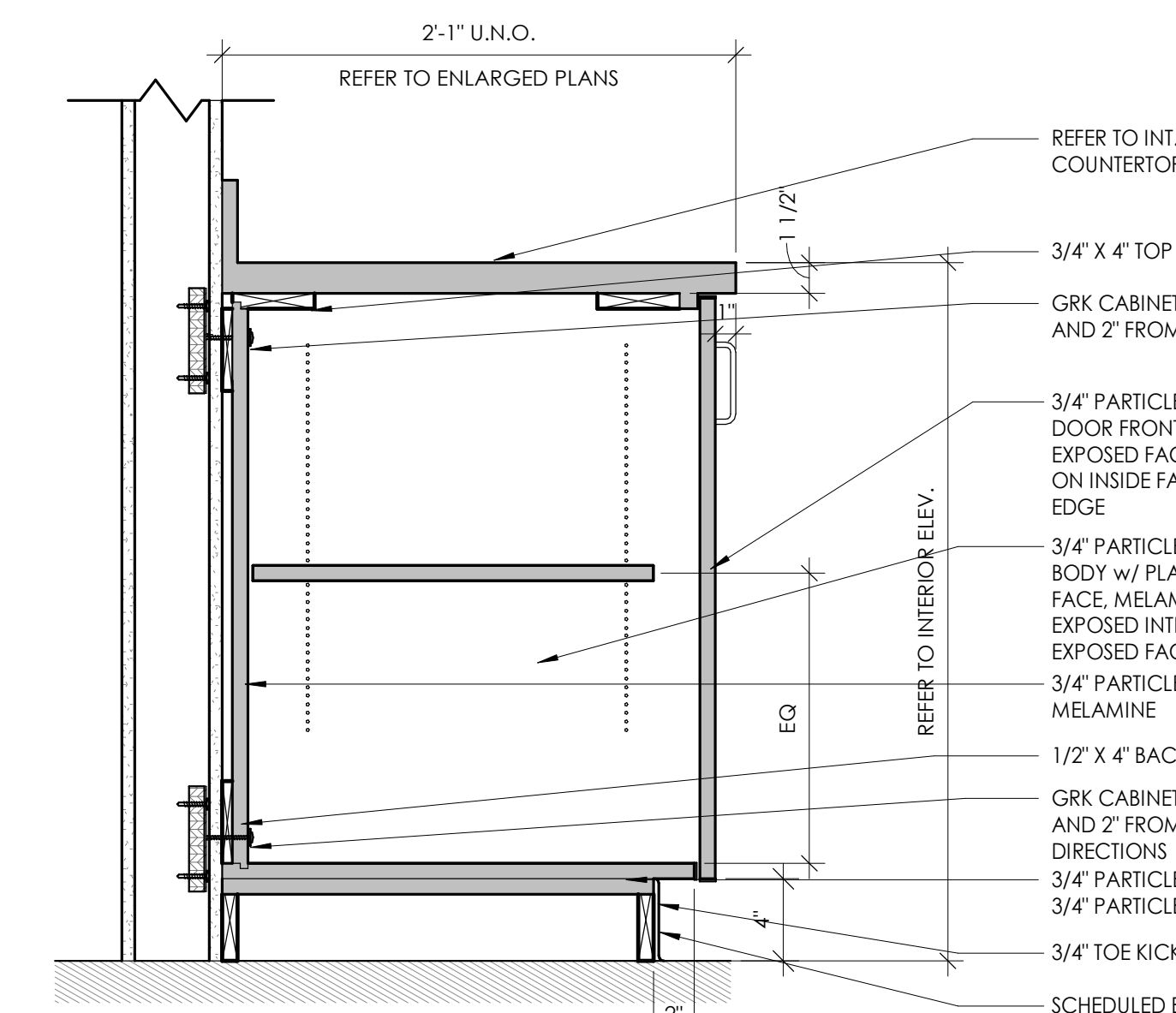
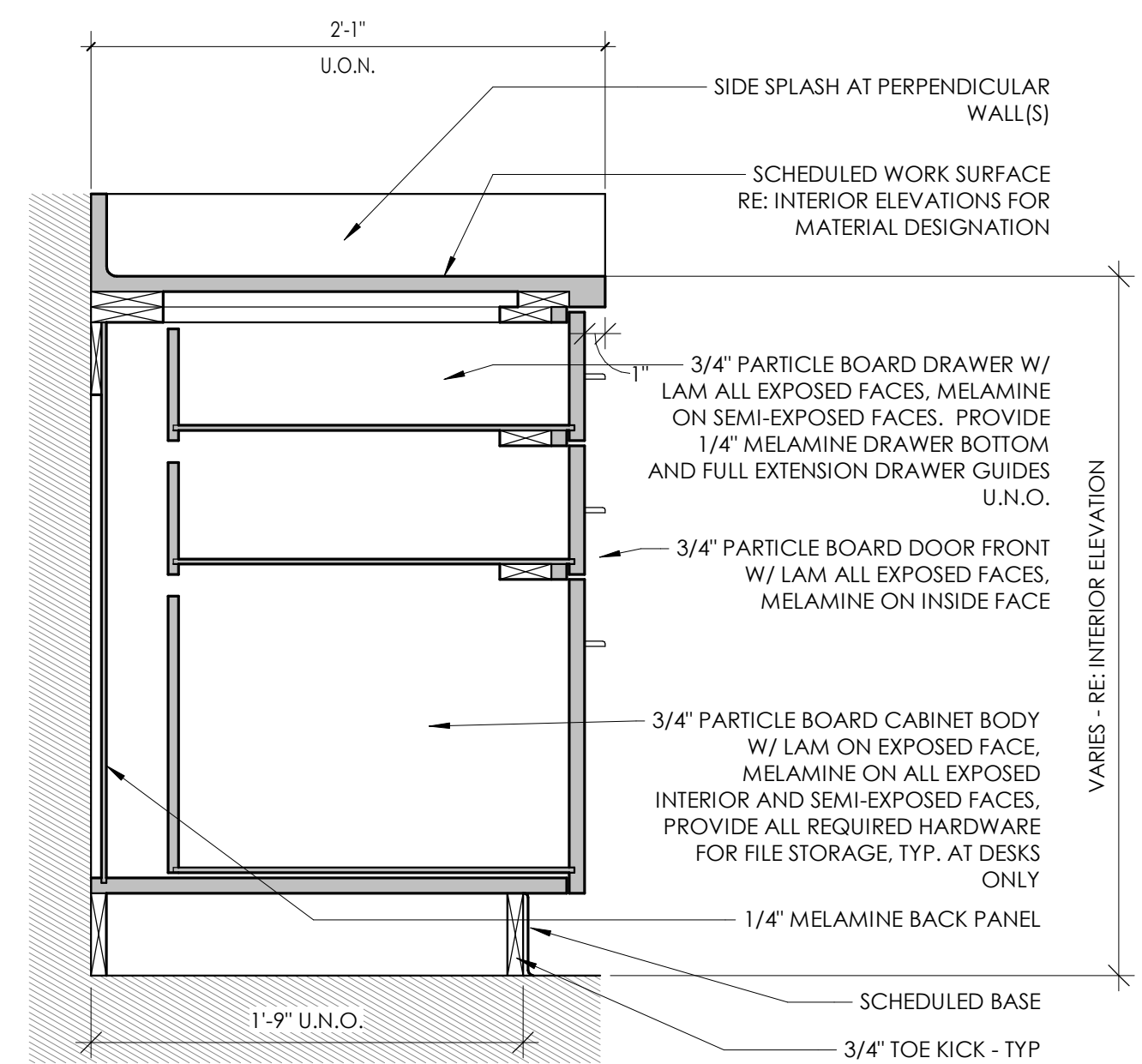
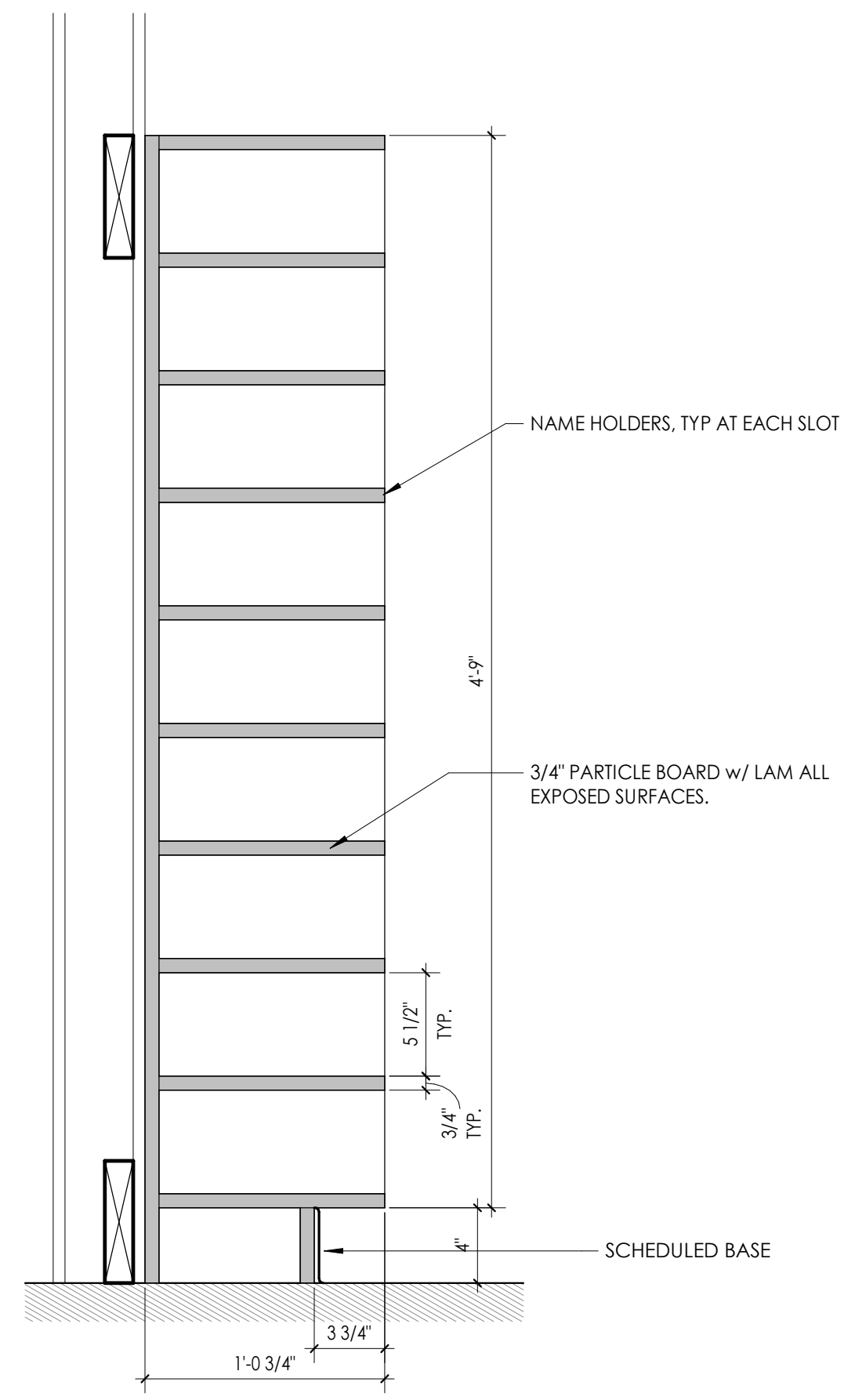
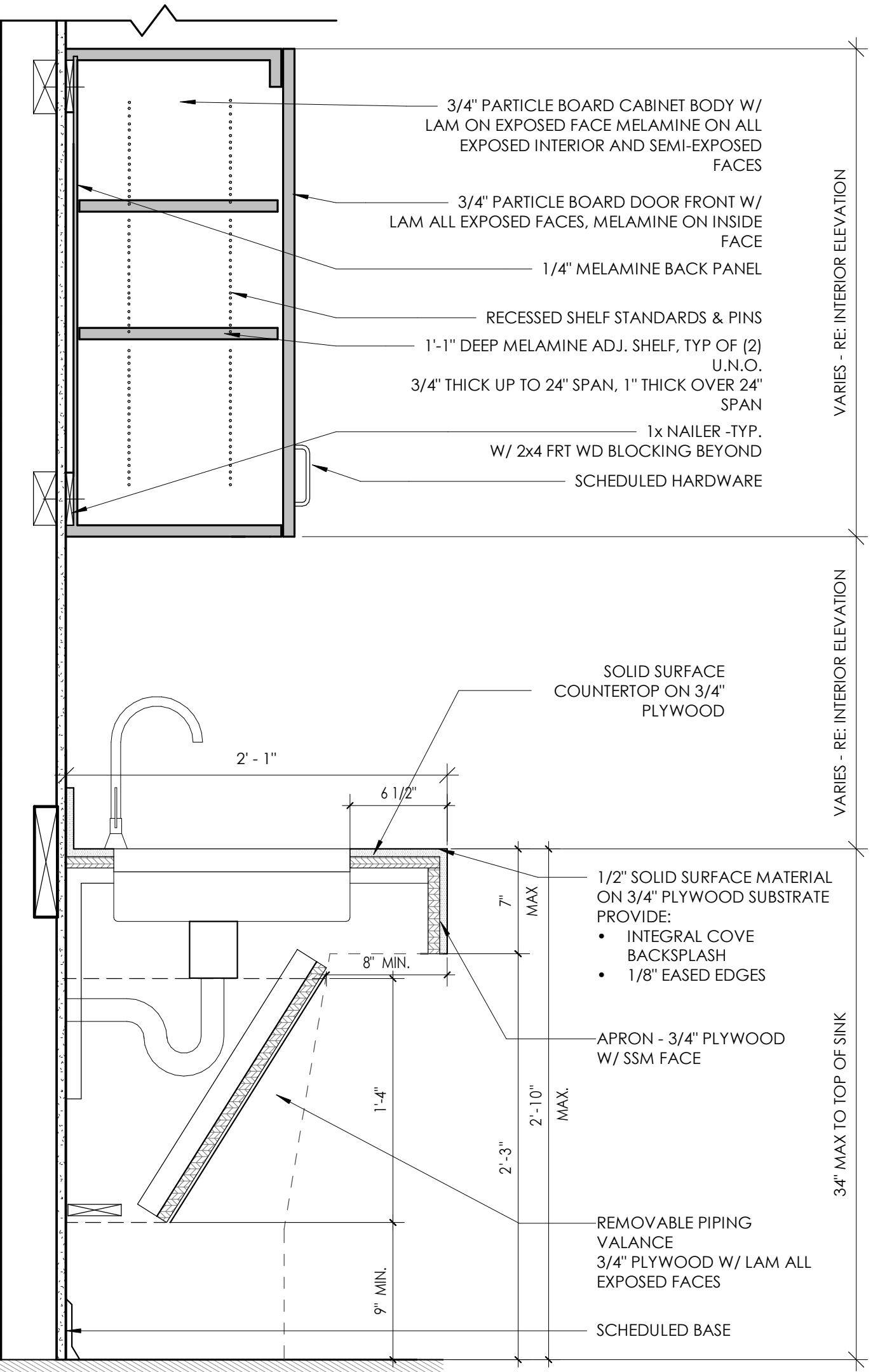
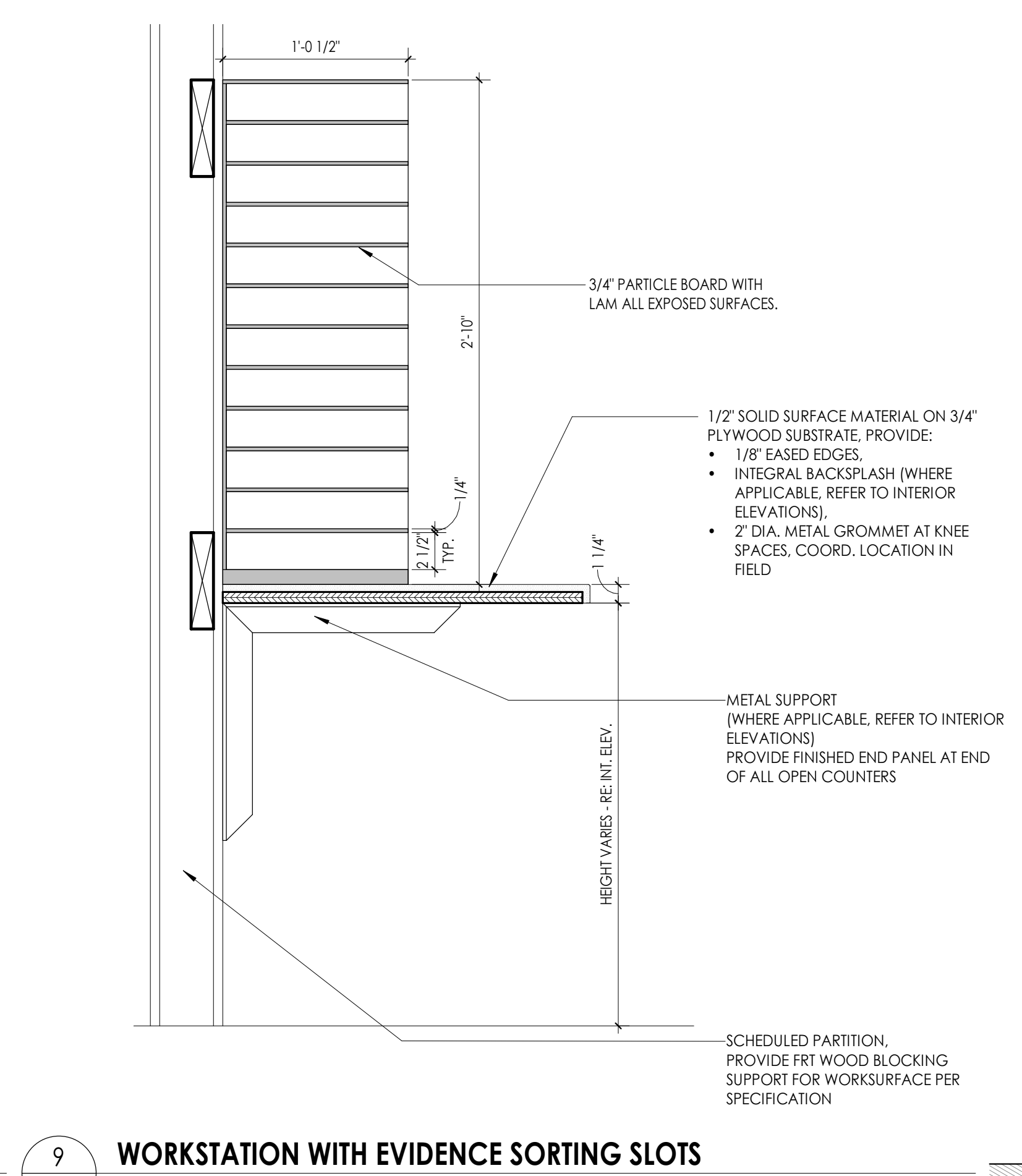
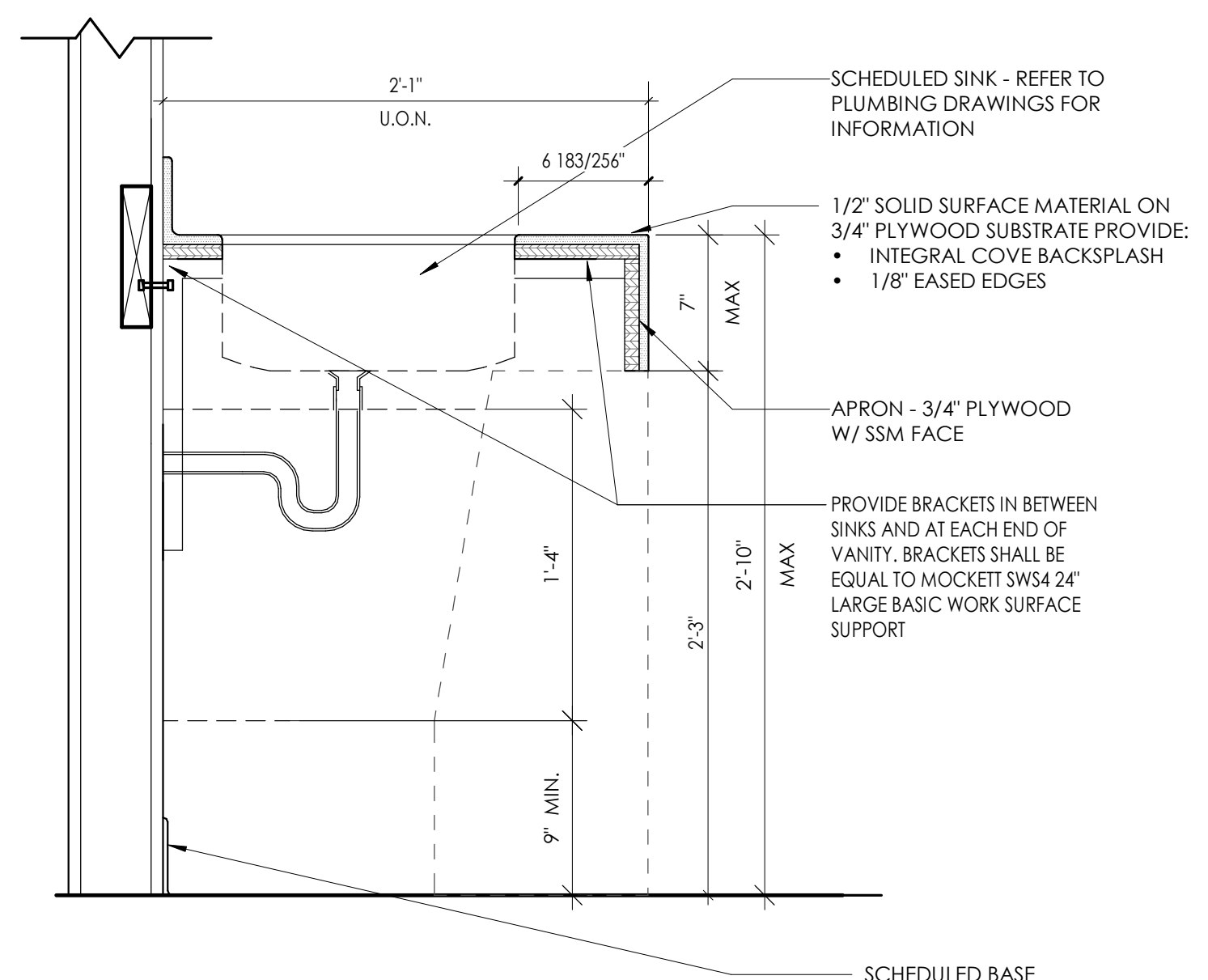
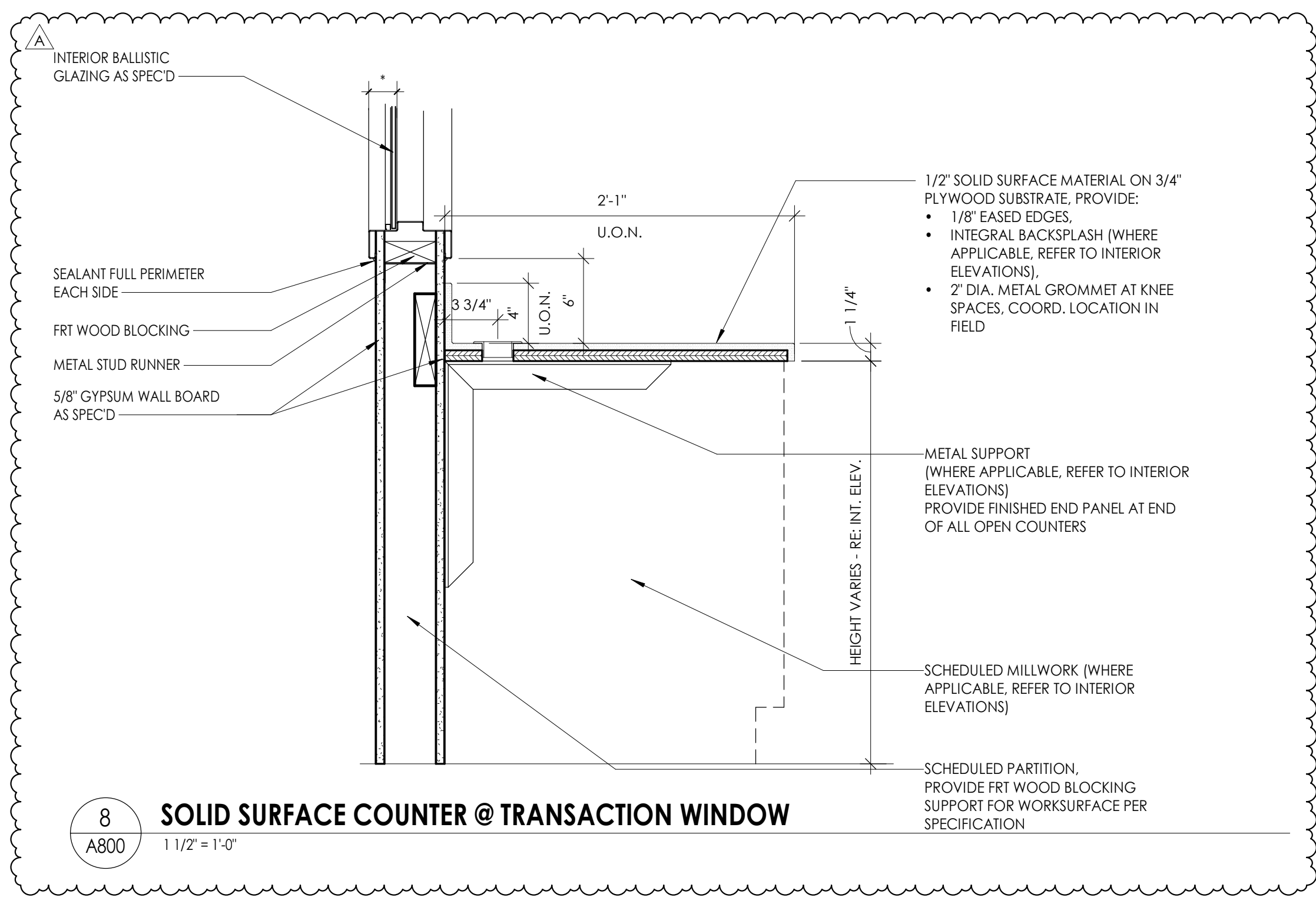
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Issue No. Description

A 10/09/2024 PRE-BID RFI RESPONSE



**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

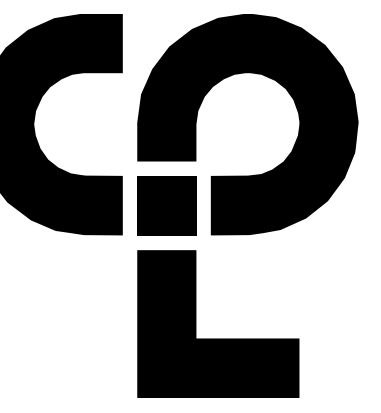
Name: 05/09/2024 Scale: 1 1/2" = 1'-0"

Project Status: 100% CONSTRUCTION DOCUMENTS

Drawn By: NDS Checked By: RI

Drawing Title: TYPICAL MILLWORK DETAILS

Drawing Number:



**PROJECT INFORMATION**

Project Number: R23.00720.00  
 Client Name: YORK COUNTY, SC  
 Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Date: Description:

**PROFESSIONAL STAMPS**



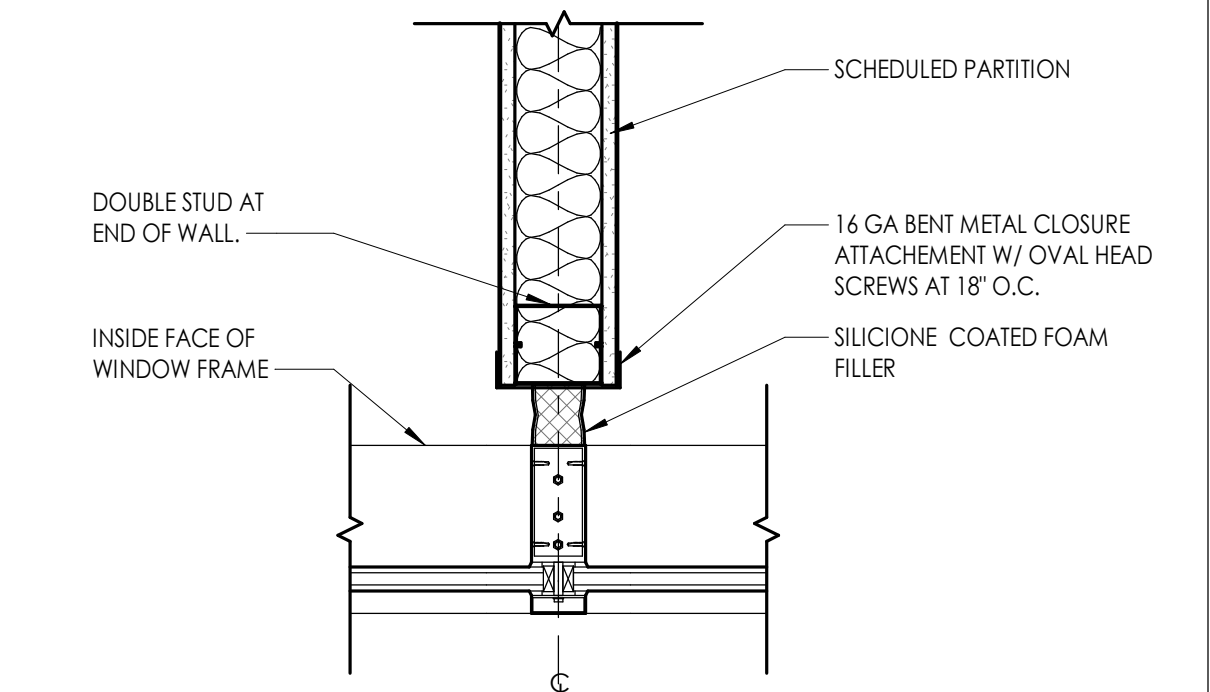
**SHEET INFORMATION**

Name: Scale: As Indicated  
 Date: 05/09/2024  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: NDS  
 Checked By: RI  
 Drawing Title: TYPICAL DETAILS

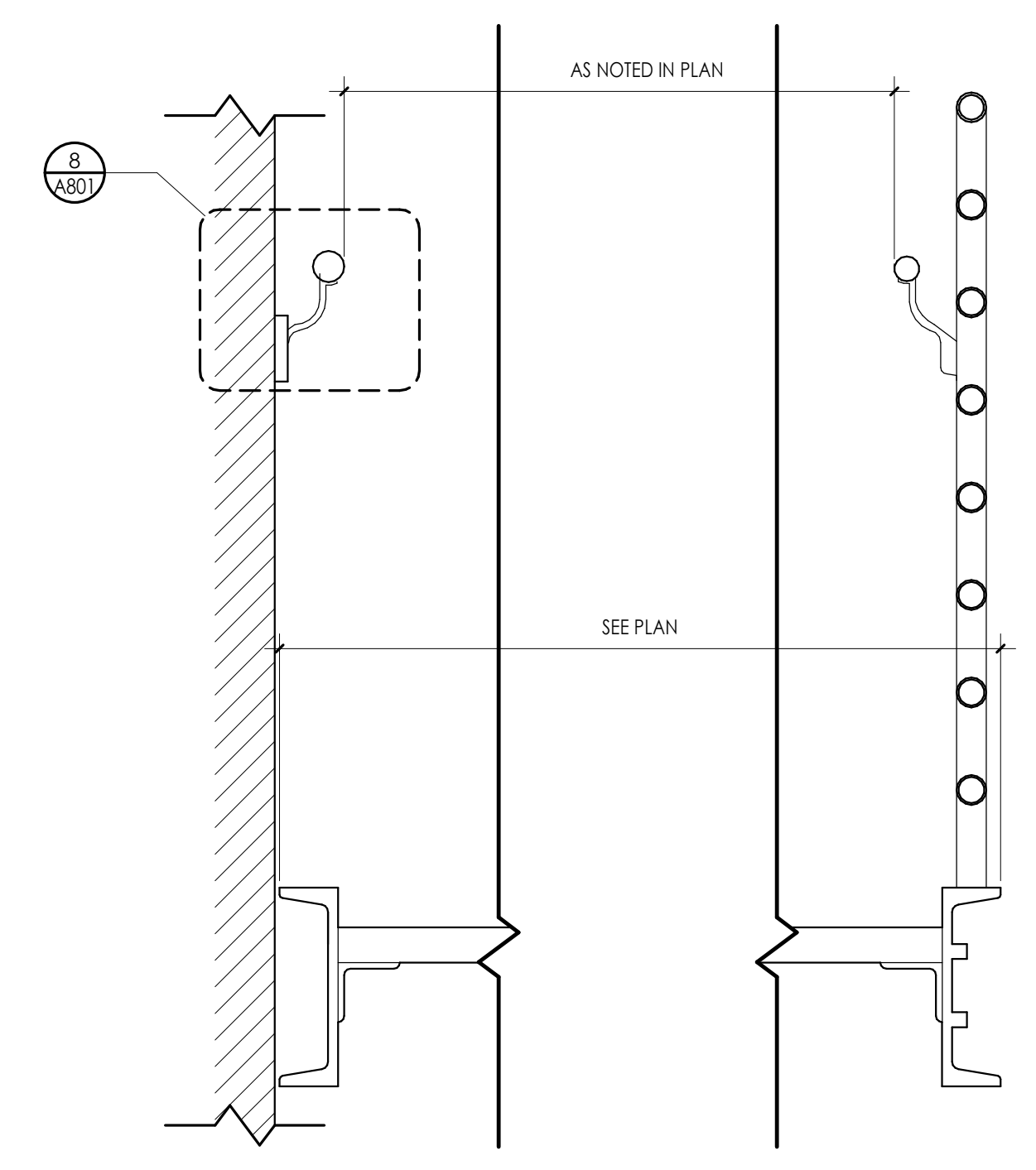
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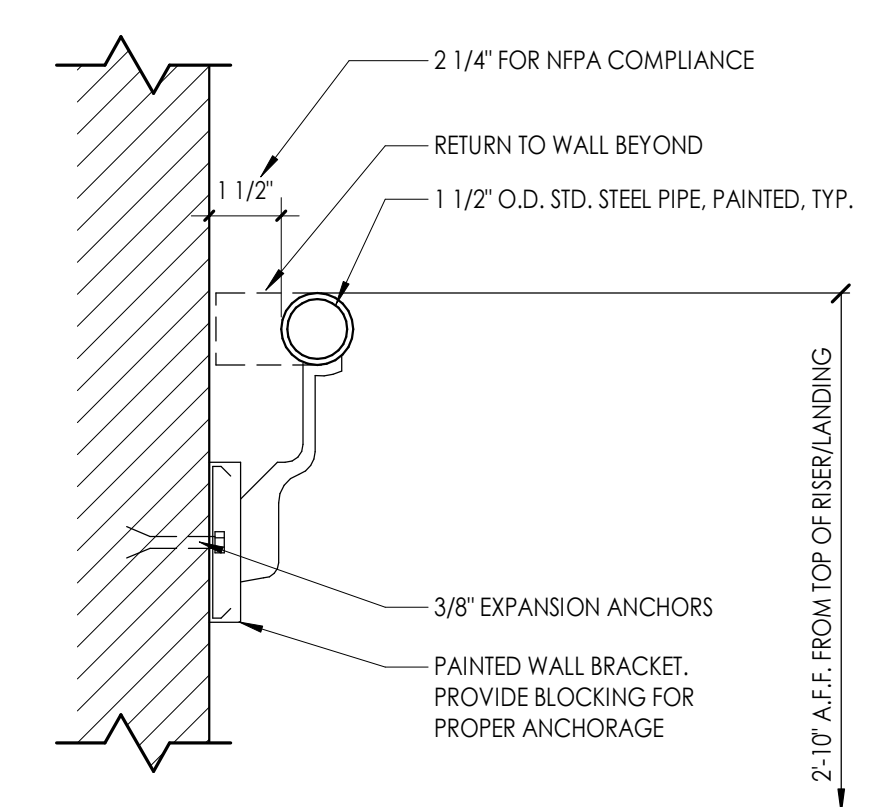
**6 PARTITION CLOSURE AT CURTAINWALL TYP.**  
 1 1/2" = 1'-0"



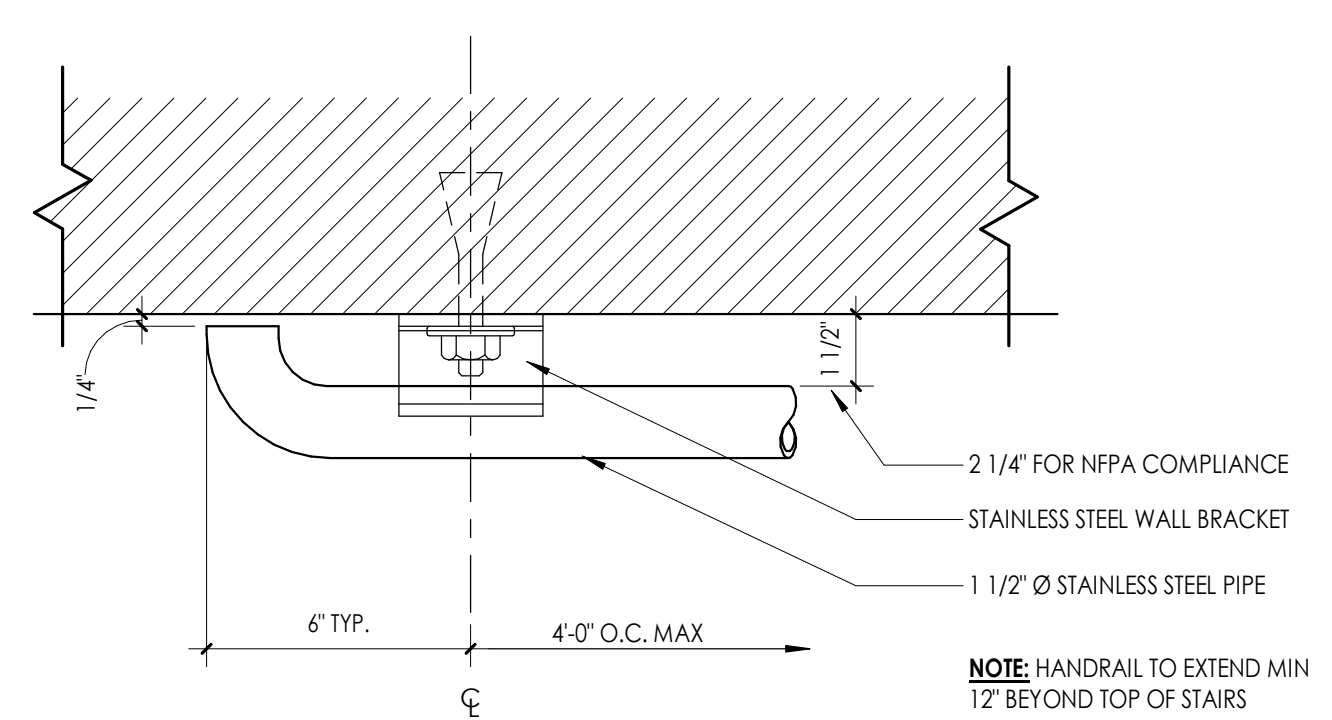
**7 STAIR SECTION - HANDRAIL WALL MTD & PIPE GUARDRAIL (8 RAIL)**  
 1 1/2" = 1'-0"



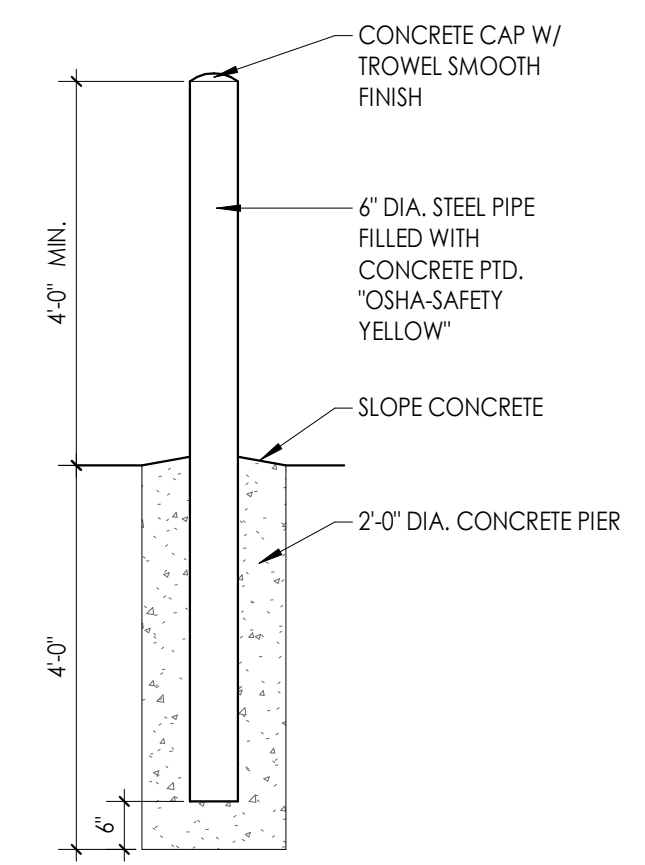
**8 SECTION THRU HANDRAIL TERMINATION @ WALL**  
 3" = 1'-0"



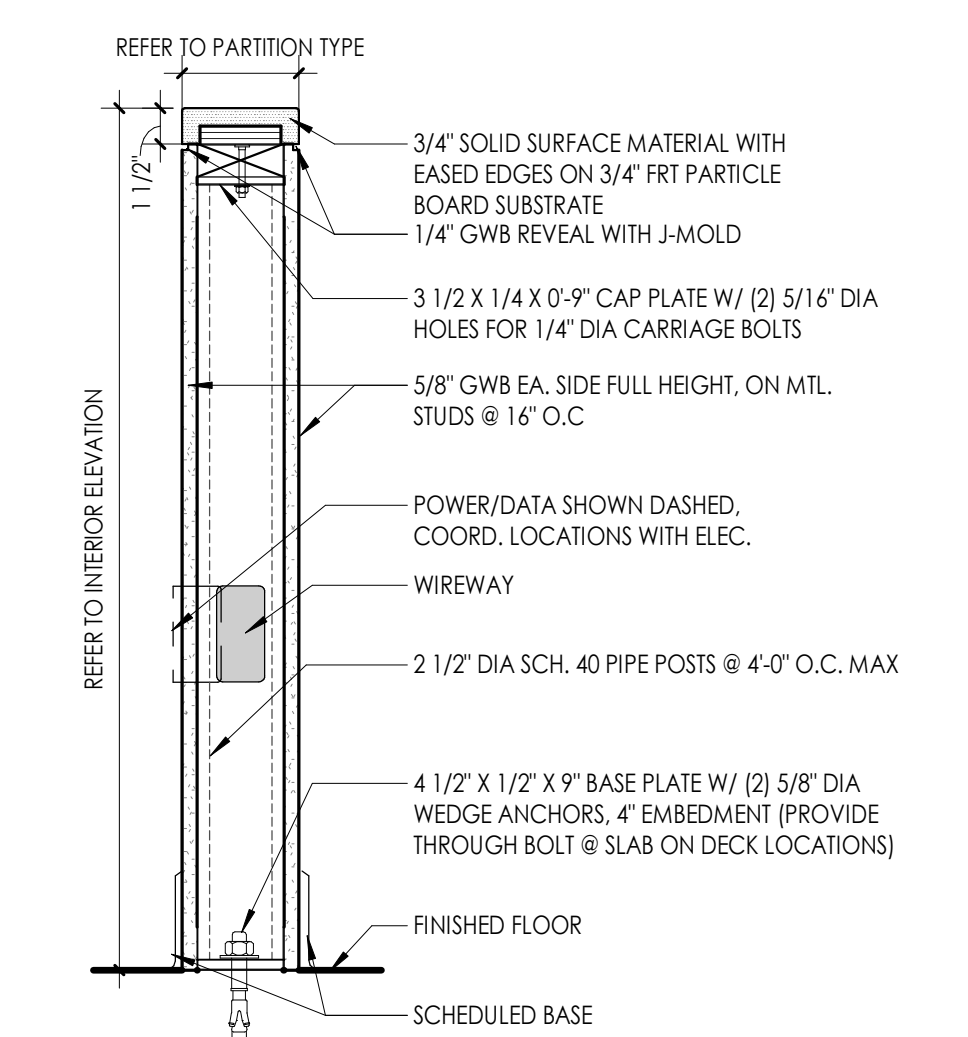
**9 PLAN OF HANDRAIL TERMINATION @ WALL**  
 3" = 1'-0"



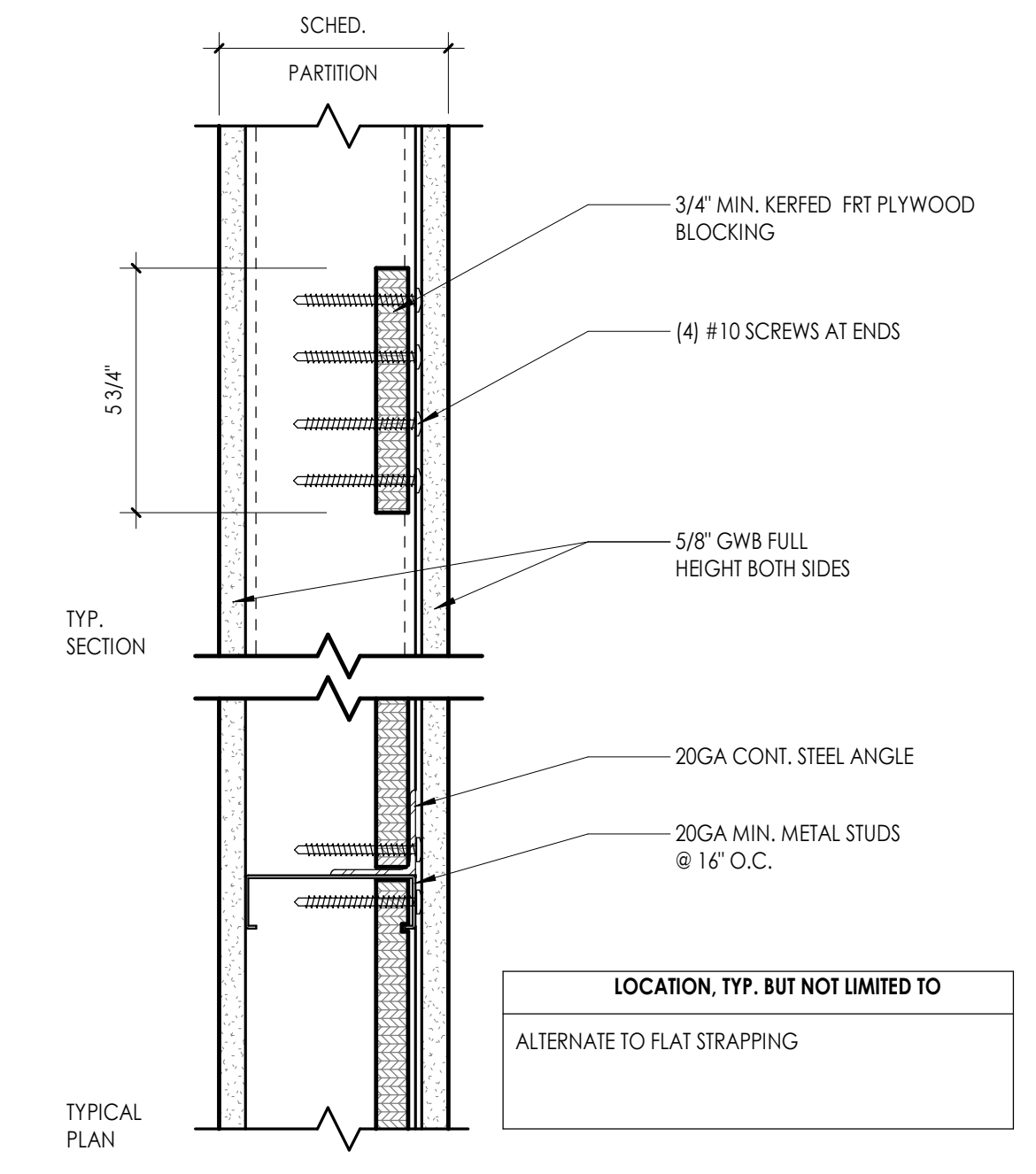
**10 BOLLARD DETAIL**  
 1/2" = 1'-0"



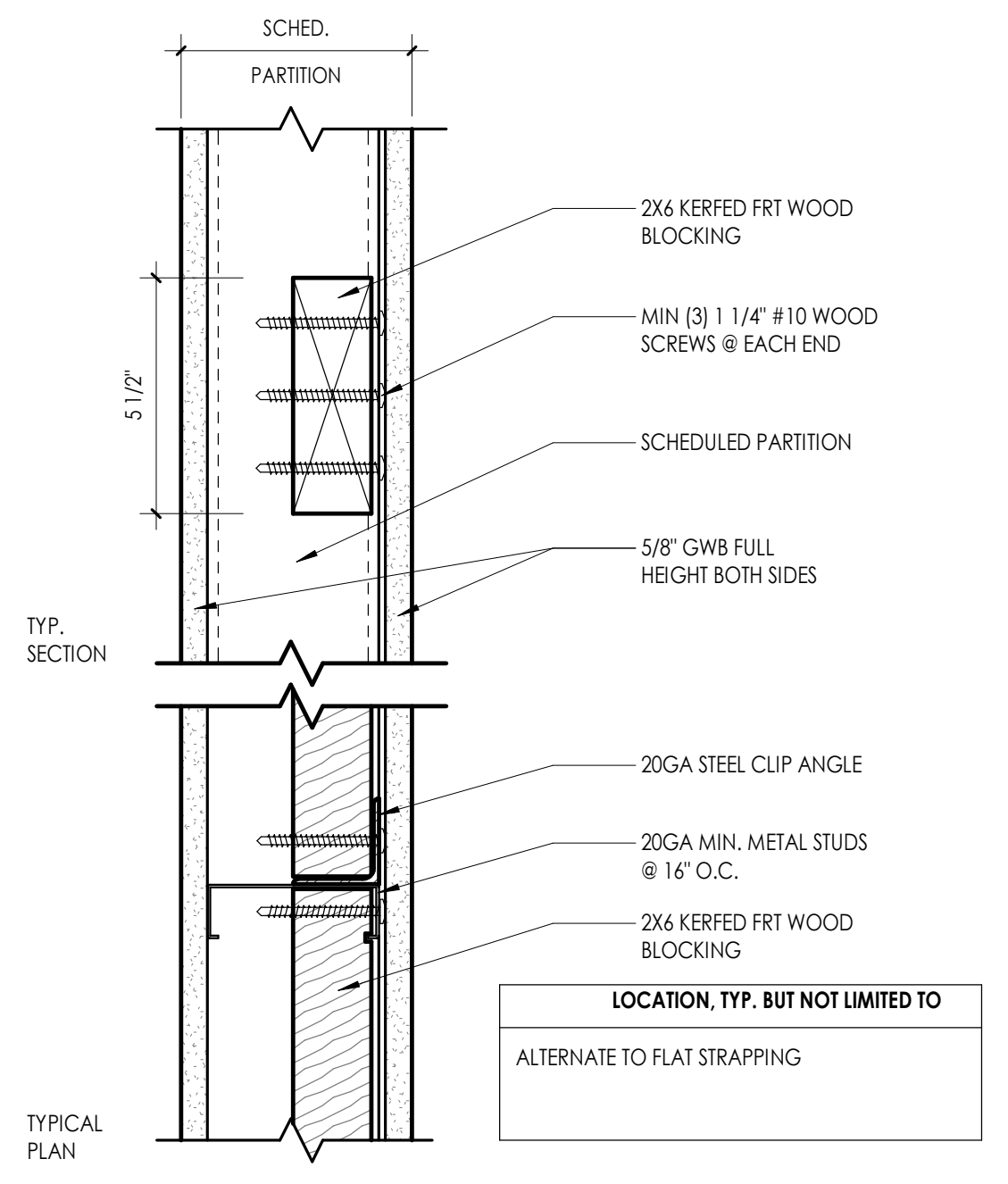
**1 HALF WALL 3/4\" SSM CAP**  
 1 1/2" = 1'-0"



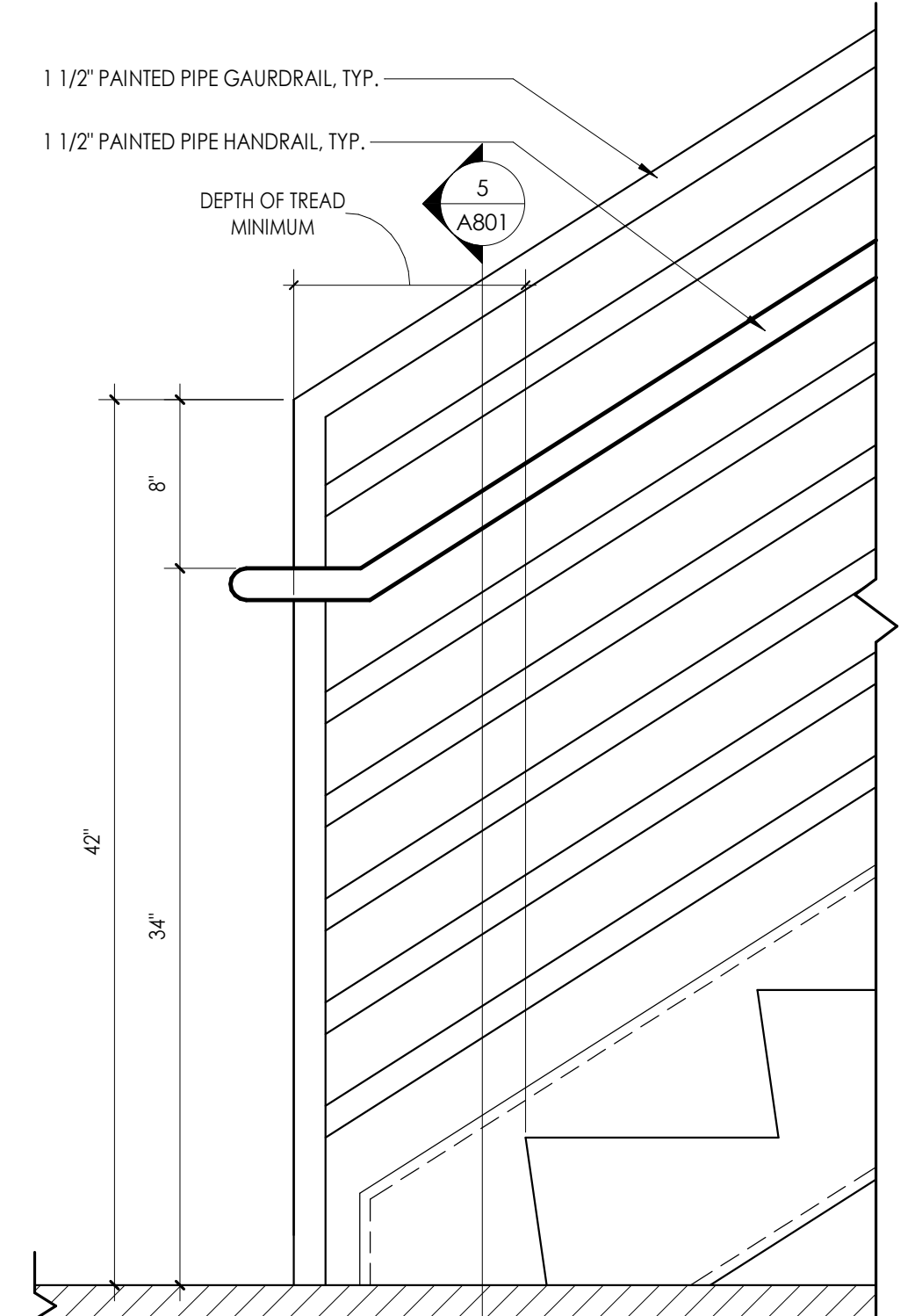
**2 PLYWOOD BLOCKING - LOADS TO 75 LB**  
 3" = 1'-0"



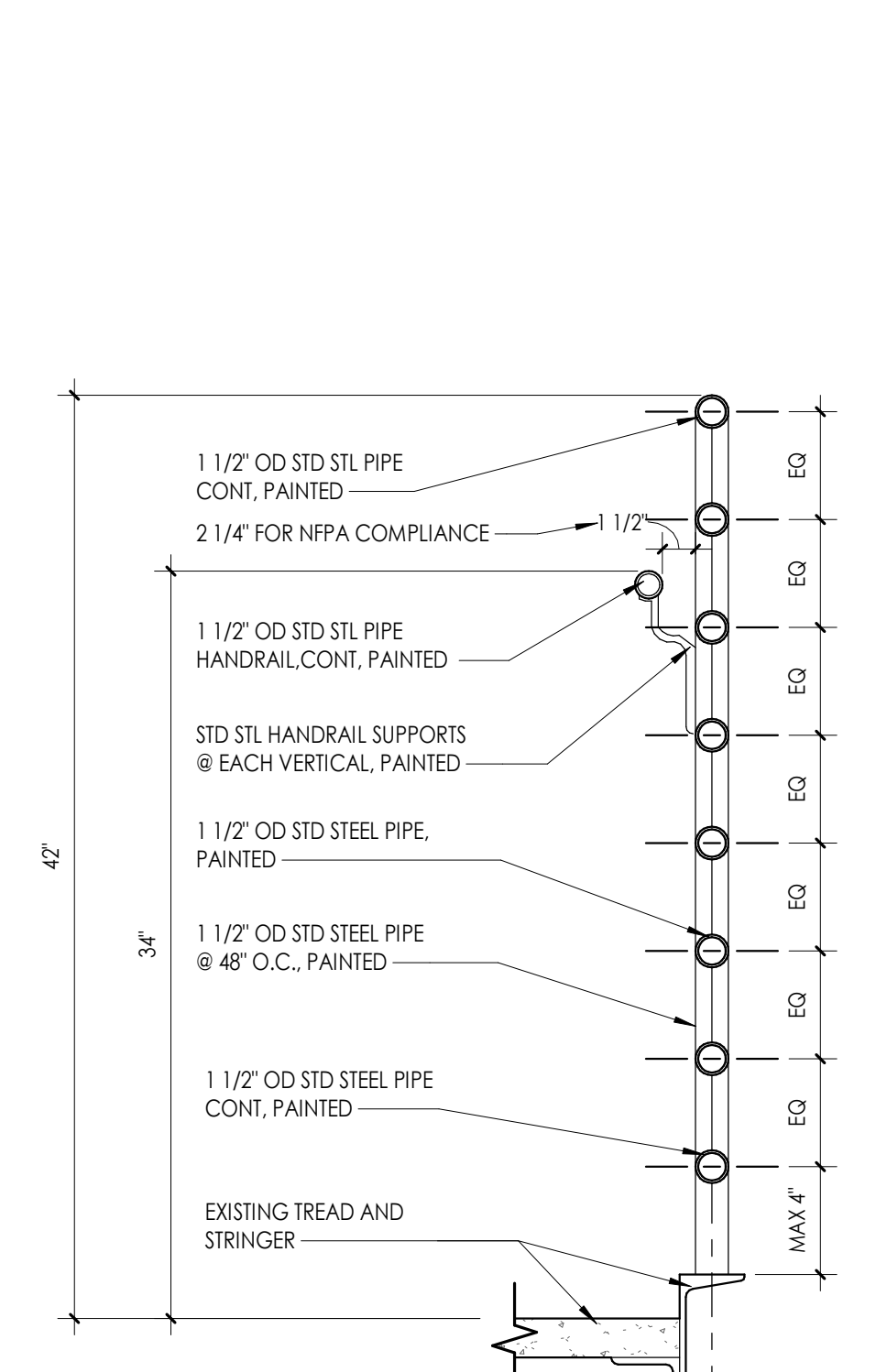
**3 DIMENSIONAL WOOD BACKING - LOAD TO 75 LBS**  
 3" = 1'-0"



**4 ELEVATION OF STAIR END GUARDRAIL W/ HANDRAIL**  
 1 1/2" = 1'-0"



**5 SECTION THRU STAIR @ GUARDRAIL W/ HANDRAIL**  
 1 1/2" = 1'-0"

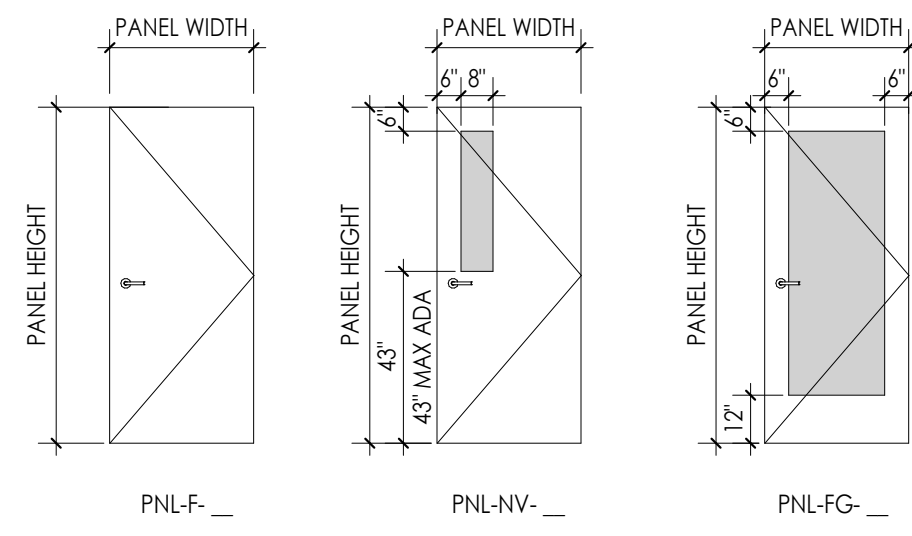


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DOOR SCHEDULE- NEW

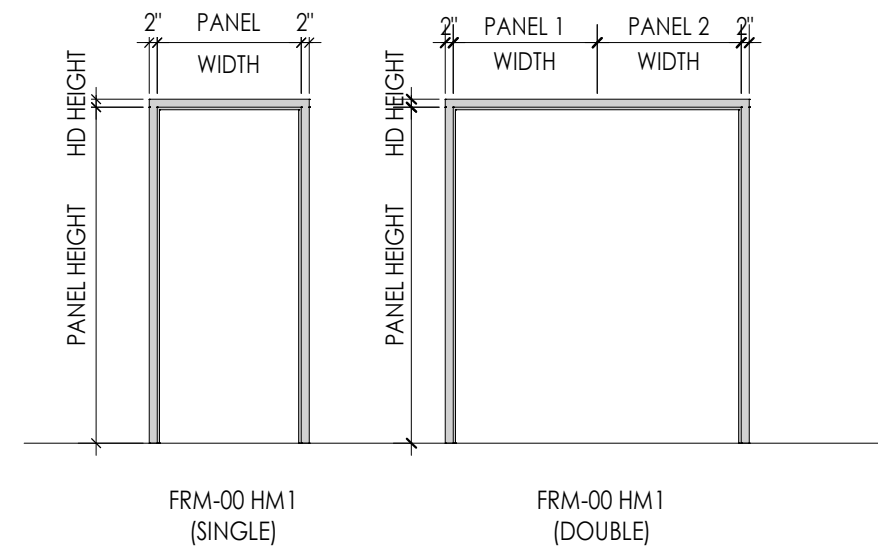
DOOR		DOOR PANELS										DOOR FRAME				DOOR	COMMENTS	
DOOR NUMBER	FIRE RATING (MIN)	PANEL TYPE		SINGLE PANEL DIMENSIONS				TOTAL PANEL DIMENSIONS		PANEL FINISHES		FRAME TYPE	FRAME FINISH	HEAD DTL	JAMB DTL	HW SET		GLAZING TYPE
		PANEL 1	PANEL 2	WIDTH	HEIGHT	PANELS 1 & 2	WIDTH	HEIGHT	THICKNESS	PANEL FINISH SIDE 1	PANEL FINISH SIDE 2							
LVL 1																		
1000-1		PNL-FG-AL		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Aluminum	Aluminum	FRM-00AL(CW)	PAINT - RE INT	3/A900	5/A900, 6/A900, 7/A900	01	G1		TEMPERED GLASS
1002-1		PNL-FG-AL		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Aluminum	Aluminum	FRM-00AL(CW)	PAINT - RE INT	3/A900	5/A900, 6/A900, 7/A900	01	G1		TEMPERED GLASS
1100-1	45	PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	04			
1100-2		PNL-NV-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	04	G2		TEMPERED GLASS
1101		PNL-F-WD	PNL-F-WD	3'-0"	3'-0"	3'-0"	6'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	10			
1102		PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	03			
1103		PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	07			
1104-1	45	PNL-NV-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	04	G2		TEMPERED GLASS; PANIC HARDWARE RE: SPECS
1104-2		PNL-F-WD	PNL-F-WD	3'-0"	3'-0"	3'-0"	6'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	10			
1104-3		PNL-FG-AL		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Aluminum	Aluminum	FRM-00AL(CW)	PAINT - RE INT	3/A900	5/A900, 6/A900, 7/A900	01	G1		TEMPERED GLASS; PANIC HARDWARE RE: SPECS
1105		PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	03			
1201-1		PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	08			
1201-2		PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	08			
1202		PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	07			
1300		PNL-FG-AL		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Aluminum	Aluminum	FRM-00AL(CW)	PAINT - RE INT	3/A900	5/A900, 6/A900, 7/A900	01	G1		TEMPERED GLASS
LVL 2																		
2100A	45	PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	05			
2103-1	45	PNL-NV-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	04	G2		TEMPERED GLASS
2103-2	45	PNL-NV-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	04	G2		TEMPERED GLASS
2104		PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	06			
2109A	45	PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	03A			
2110	45	PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	03A			
2111		PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	06			
2118	45	PNL-F-WD		3'-0"	7'-0"	3'-0"	7'-0"	0'-1 3/4"	Wood - Stained	Wood - Stained	FRM-00HW	PAINT - RE INT	1/A900	2/A900	03A			

NOTE: SEE SPECIFICATIONS FOR HARDWARE REQUIREMENTS ON EXISTING DOORS TO REMAIN.



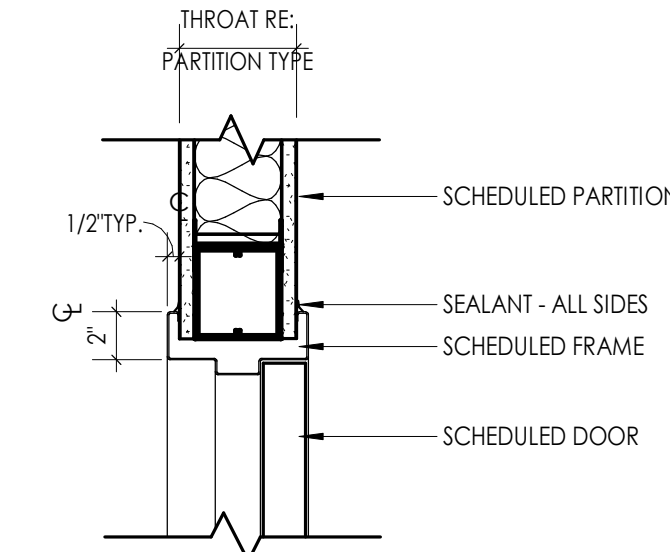
DOOR PANEL TYPES

1/4" = 1'-0"



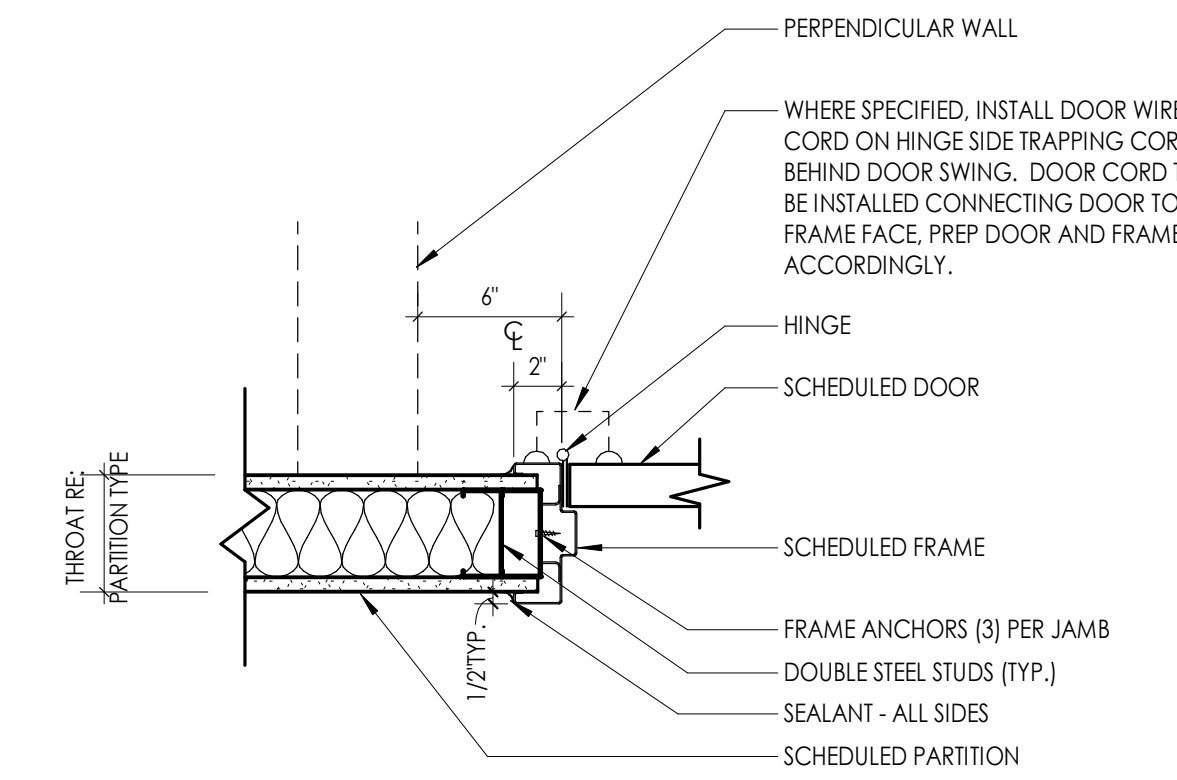
DOOR FRAME TYPES

1/4" = 1'-0"



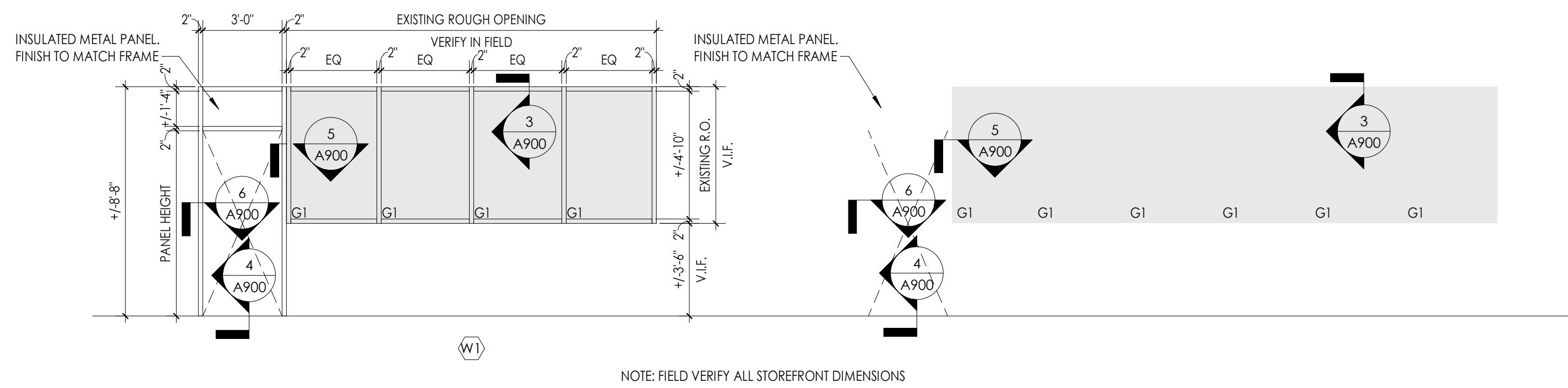
1 HM FRAME DOOR - HEAD DETAIL

1/4" = 1'-0"



2 HM DOOR JAMB DETAIL

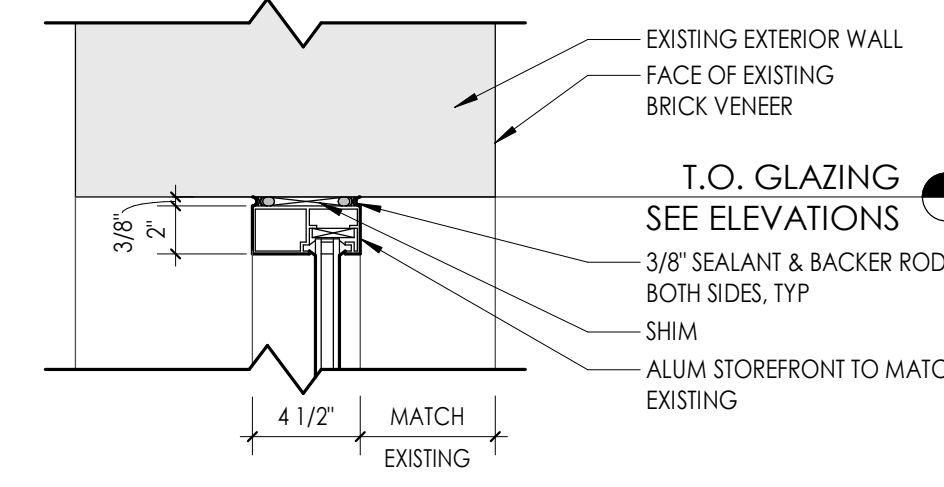
1/4" = 1'-0"



STORE FRONT TYPES

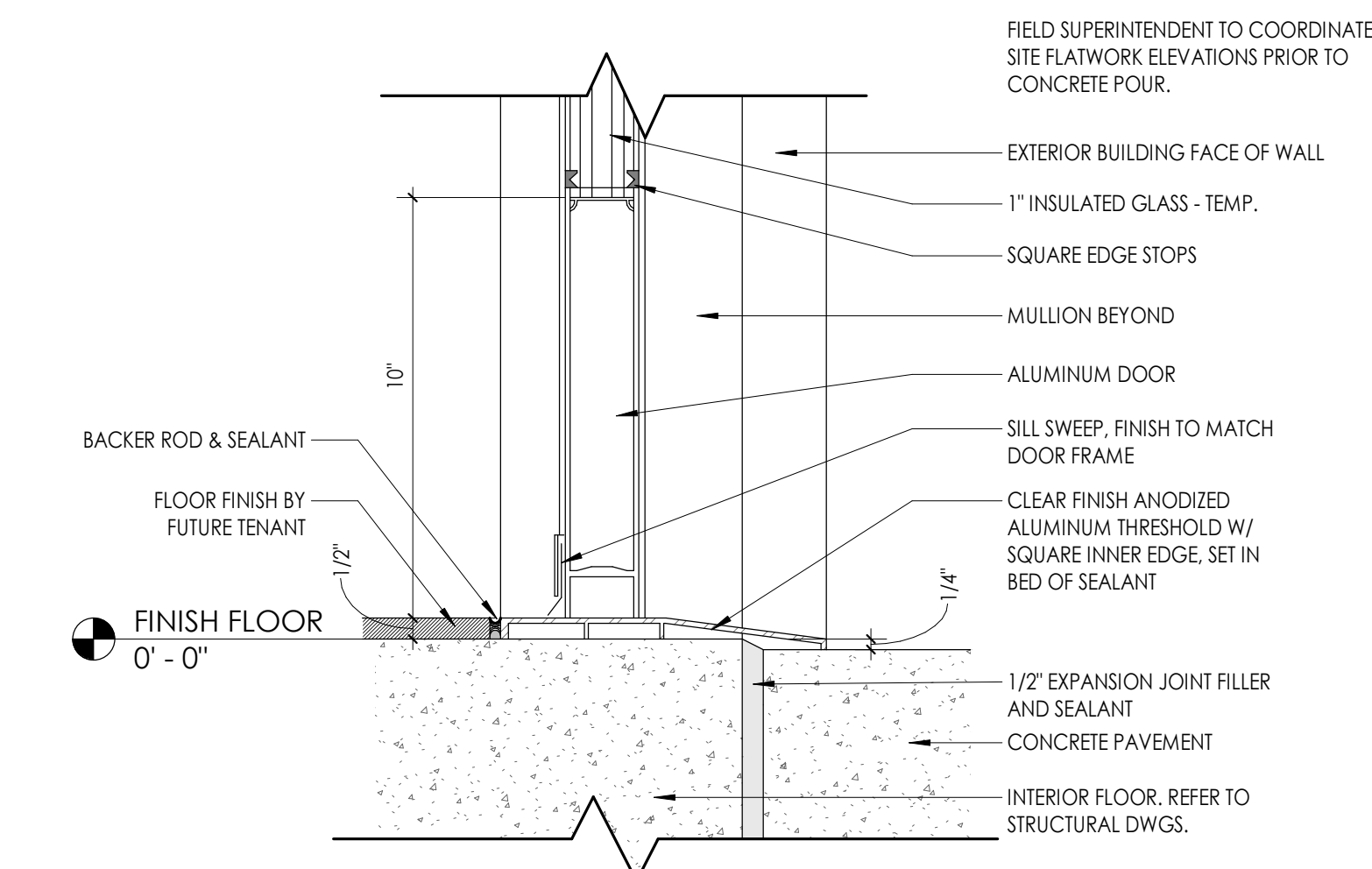
1/4" = 1'-0"

NOTE: FIELD VERIFY ALL STOREFRONT DIMENSIONS



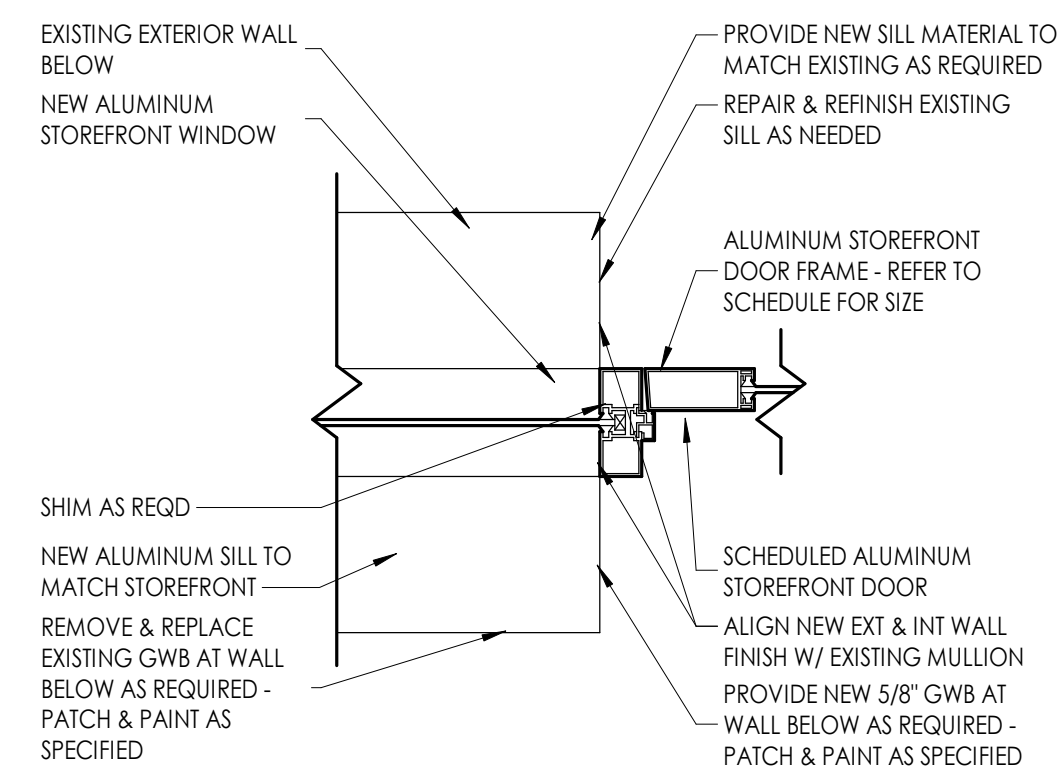
3 WINDOW HEAD DETAIL

1/4" = 1'-0"



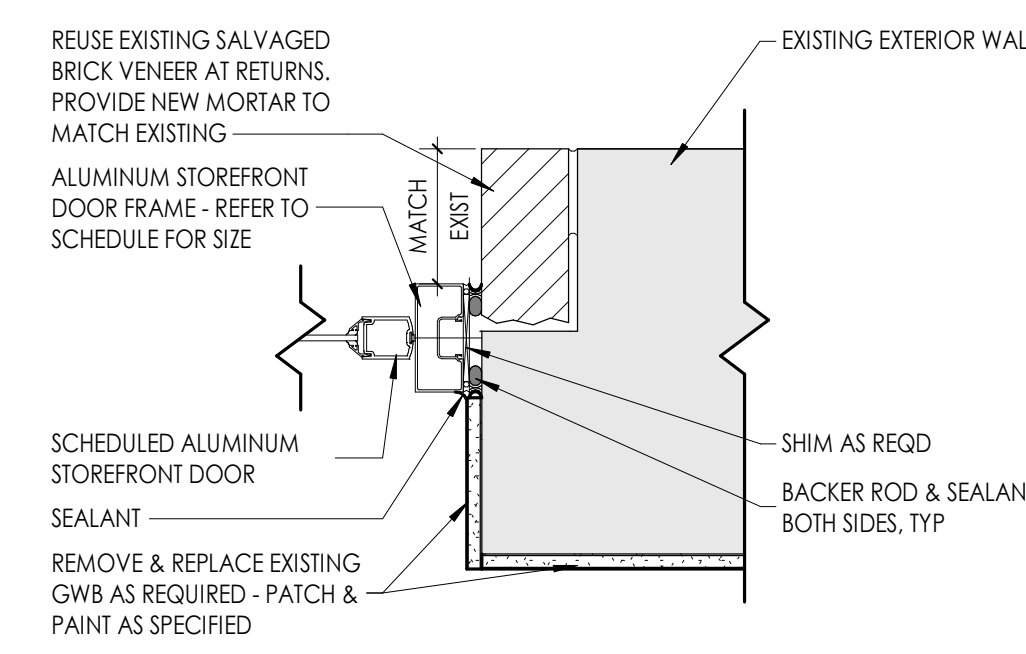
4 ALUMINUM STOREFRONT DOOR - SILL DETAIL

3" = 1'-0"



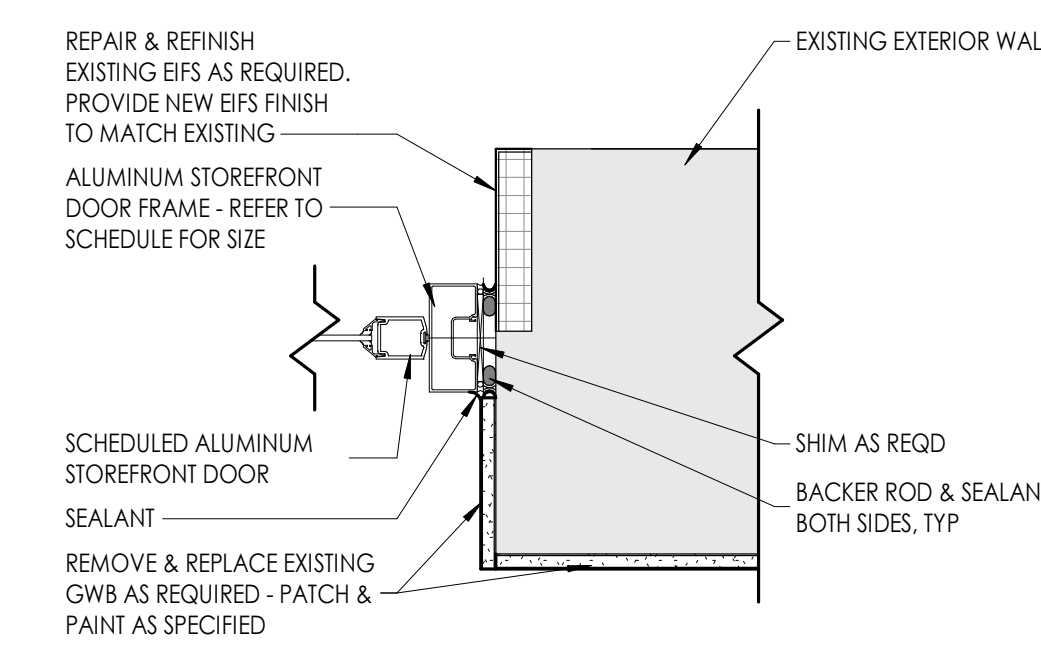
5 EXTERIOR ALUM. DOOR JAMB DETAIL @ EXIST SF MULLION

1/4" = 1'-0"



6 EXTERIOR ALUM. DOOR JAMB DETAIL @ BRICK

1/4" = 1'-0"



7 EXTERIOR ALUM. DOOR JAMB DETAIL @ EIFS

1/4" = 1'-0"

DOOR AND FRAME NOTES

- REFER TO A900S FOR DOOR & FRAME SCHEDULE.
- ALL FRAMES ARE TO RECEIVE FULL PERIMETER SEALANT. INTERIOR AND EXTERIOR.
- ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO BE VERIFIED IN FIELD AND COORDINATED WITH APPROVED SHOP DRAWINGS PRIOR TO FABRICATION.
- SEE SCHEDULE FOR DOOR & FRAME MATERIAL.

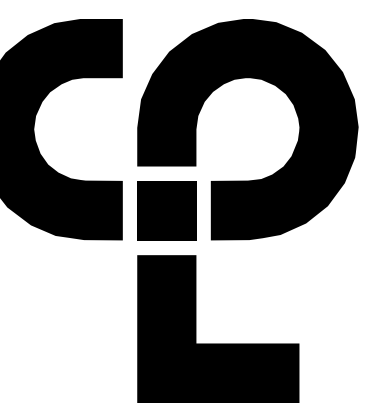
DOOR AND FRAME SCHEDULE LEGEND

NOTE: THE LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THE PROJECT.

DOOR OR FRAME MATERIAL		DOOR OR FRAME FINISH	
ACR	ACROVYN DOOR	PTD	PAINT
ACR-L	ACROVYN LEAD LINED DOOR	ST	WOOD STAIN
ALUM	ALUMINUM	DB	DARK BRONZE (ANODIZED)
HM	HOLLOW METAL	SS	STAINLESS STEEL
HM-L	HOLLOW METAL LEAD LINED	BE	BAKED ENAMEL
IHM	INSULATED HOLLOW METAL		
WD	WOOD		
WD-L	WOOD LEAD LINED		

GLAZING TYPES

TYPE MARK	GLAZING DESCRIPTION
G1	1" INSULATED LOW-E GLAZING
G2	CLEAR TEMPERED VISION GLASS



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Charlotte, NC 28210  
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PROJECT INFORMATION

Project Number  
R23.00720.00  
Client Name  
**YORK COUNTY, SC**  
Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
236 NORTH PARK DRIVE, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS



SHEET INFORMATION

Name: Scale: As Indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: NDS Checked By: RI  
Drawing Title: DOOR PANELS, FRAME TYPES & SCHEDULES  
Drawing Number:

### INTERIOR FINISH SCHEDULE

FINISH CODE	MANUFACTURER	PATTERN/STYLE	COLOR	SIZE	SPECIFICATIONS	NOTES	CLASS RATING
<b>ACOUSTICAL CEILING TILE (ACT)</b>							
ACT-1	ARMSTRONG	ULTIMA 1911	WHITE	24" X 24"	ARMSTRONG PRELUDE XL 15/16" GRID SYSTEM.		CLASS A
<b>CARPET (CPT)</b>							
CPT-1	J&J FLOORING	INTEGRAL 7310	ESSENTIAL 2719	24" X 24"	INSTALL USING BRICK INSTALLATION METHOD.		ASTM E648 CLASS 1
CPT-2	J&J FLOORING	NATURALIST 7572	SALOR 3234	24" X 24"	INSTALL USING BRICK INSTALLATION METHOD.		ASTM E648 CLASS 1
<b>CORNER GUARD (CG)</b>							
CG-1	INPRO	TAPE ON CORNER GUARD	TAUPE	8" X 1.5"			CLASS A
CG-2	INPRO	TAPE ON CORNER GUARD	TAUPE	4" X 1.5"			CLASS A
<b>EPOXY GROUT</b>							
EGT-1	CUSTOM BUILDING PRODUCTS	CEG-IG EPOXY GROUT	GRAYSTONE				NOT APPLICABLE
<b>EPOXY PAINT (EPT)</b>							
EPT-1	SHERWIN WILLIAMS	SW 7007	CEILING BRIGHT WHITE			BATHROOM CEILING	CLASS A
<b>FIBER REINFORCED PANEL (FRP)</b>							
FRP-1	FANGLAM	EMBOSSED	WHITE				ASTM E84 CLASS A
<b>LUXURY VINYL TILE (LVT)</b>							
LVT-1	TARKETT	ID LATITUDE WOOD	ENGLISH WALNUT	3' X 48"			ASTM E648 CLASS 1
<b>PAINT (PT)</b>							
PT-1	SHERWIN WILLIAMS	SW 9165	GOSSAMER VEIL			FIELD, U.N.O.	CLASS A
PT-2	SHERWIN WILLIAMS	SW 9150	ENDLESS SEA			ACCENT	CLASS A
PT-3	SHERWIN WILLIAMS	SW 7007	CEILING BRIGHT WHITE			CEILING	CLASS A
PT-4	SHERWIN WILLIAMS	SW 9165	GOSSAMER VEIL			DOOR & WINDOW FRAMES	CLASS A
PT-5	SHERWIN WILLIAMS		MATCH TO RB-1			STAIR RAILINGS, STRINGERS, ROOF ACCESS LADDER.	CLASS A
<b>PLASTIC LAMINATE (LAM)</b>							
LAM-1	WILSONART		FAWN CYPRESS			TYP. LAM	NOT APPLICABLE
LAM-2	WILSONART		BRITANNY BLUE			BREAKROOM LAM	NOT APPLICABLE
<b>RESILIENT BASE (RB)</b>							
RB-1	JOHNSONITE	MILLWORK BASE AMBASSADOR	MOONROCK	4"			ASTM E648 CLASS 1
RB-2	JOHNSONITE	TRADITIONAL BASE	MOONROCK	4"			ASTM E648 CLASS 1
<b>RESILIENT SHEET (RS)</b>							
RS-1	TARKETT SPORT FLOORING	DROFZONE IMPACT	DARK GRAY	24" X 24"			ASTM E648 CLASS 1
<b>SOLID SURFACE MATERIAL (SSM)</b>							
SSM-1	CORIAN		ASH CONCRETE				NOT APPLICABLE
SSM-2	CORIAN		EXCAVAGE				NOT APPLICABLE
<b>TILE (T)</b>							
T-1	FLORIDA TILE	GRAVITATE	WHITE	12" X 24"		TYP. TILE	ASTM E84 CLASS A
T-2	FLORIDA TILE	GRAVITATE	WHITE	12X12 MOSAIC SHEET		SHOWER FLOOR	ASTM E84 CLASS A
T-3	FLORIDA TILE	MYTHOLOGY	BIAN	4" X 12"		ACCENT TILE	ASTM E84 CLASS A
T-4	FLORIDA TILE	GRAVITATE BULLNOSE TRIM	WHITE	3/8" X 12"		REFER TO ALTERNATE	ASTM E84 CLASS A
<b>TOILET PARTITIONS (TP)</b>							
TP-1	ASI GLOBAL PARTITIONS	BLACK CORE PHENOLIC	TO BE DETERMINED BY ARCHITECT FROM MANUFACTURERS FULL LINE			REFER TO ALTERNATE	
<b>TRANSITION (TS)</b>							
TS-1	TARKETT	SUM LINE TRANSITIONS	MOONROCK			CPT TO LVT	ASTM E648 CLASS 1
TS-2	TARKETT	REDUCERS	MOONROCK			LVT TO RS	ASTM E648 CLASS 1
TS-3	SCHLUTER	RENO-U	BRUSHED CHROME			LVT TO T	NON-COMBUSTIBLE
TS-4	SCHLUTER	JOLLY	BRUSHED CHROME			PROVIDE AT ALL OUTSIDE CORNERS, TYP.	NON-COMBUSTIBLE
TS-5	SCHLUTER	DILEX-AHK	BRUSHED CHROME			PROVIDE IN SECOND FLOOR BATHROOM.	NON-COMBUSTIBLE
<b>WALK OFF CARPET</b>							
WOC-1	SHAW CONTRACT	STEPPIN OUT BON JOUR II ST032	NAVY 31485	24" X 24"	INSTALL USING QUARTER TURN INSTALLATION METHOD.		ASTM E648 CLASS 1
<b>WINDOW TREATMENT</b>							
WT-1	DRAPER FLEXSHADE SINGLE ROLL MANUAL	GREEN SCREEN 3%	HAZE				PASSES NFPA 701-99
WT-2	DRAPER FLEXSHADE DOUBLE ROLL MANUAL	GREEN SCREEN 3%, SUNBLOC	HAZE				PASSES NFPA 701-99

### FINISH ABBREVIATIONS

NOTE: THE LEGEND MAY CONTAIN ABBREVIATIONS THAT ARE NOT IN THIS PROJECT

ACT	ACOUSTICAL CEILING TILE	RB	RESILIENT BASE
AGL	ART GLASS	RP	RESIN PANEL
AWP	ACOUSTICAL WALL PANEL	RS	RESILIENT SHEET
CC	CUBICLE CURTAIN	RST	RESILIENT STAIR TREAD
CG	CORNER GUARD	RT	RESILIENT TILE
CHR	CHAIR RAIL	SC	SPECIALTY CEILING
CPT	CARPET	SCON	SEALED CONCRETE
CR	CRASH RAIL	SN	STAIR NOSING & RISER
DG	DIGITAL GRAPHIC DIVIDER STRIP	SSM	SOLID SURFACE MATERIAL
DWC	DIGITAL WALL COVERING	ST	STONE VENEER
DWP	DIGITAL WALL PANEL	SV	SHEET VINYL
EFT	EPOXY PAINT	SWP	SHEET WALL PROTECTION
EGT	EPOXY GROUT	TB	TILE BASE
ETR	EXISTING TO REMAIN	TER	TERRAZZO
EXP	EXPOSED	T	TILE
FRP	FIBER REINFORCED PANEL	TR	TRIM
GRT	GROUT	TS	TRANSITION STRIP
HR	HAND RAIL	UPH	UPHOLSTERY
INT	INTEGRAL	VCT	VINYL COMPOSITION TILE
LAM	PLASTIC LAMINATE	VET	VINYL ENHANCED TILE
LVT	LUXURY VINYL TILE	VQT	VINYL QUARTZ TILE
PT	PAINT	WC	WALL COVERING
PTM	PATCH TO MATCH	WD	WOOD
QB	QUARRY TILE BASE	WG	WALL GUARD
QT	QUARRY TILE	WOC	WALK OFF CARPET
QIZ	QUARTZ	WS	WRITEABLE SURFACE
		WT	WINDOW TREATMENT



#### PROJECT INFORMATION

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

#### PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
A	10/09/2024	PRE-BID RFI RESPONSE

#### PROFESSIONAL STAMPS

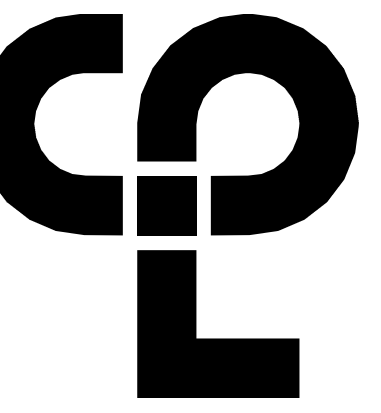


#### SHEET INFORMATION

Name: Scale: 3/32" = 1'-0"  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: CPL Checked By: CPL  
Drawing Title: INTERIORS GENERAL  
Drawing Number:

Drawing Number: 1000





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**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Date: 10/09/2024  
Description: PRE-BID RFI RESPONSE

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: CPL  
Checked By: CPL  
Drawing Title: FLOOR FINISH PLAN LEVEL 1  
Drawing Number:

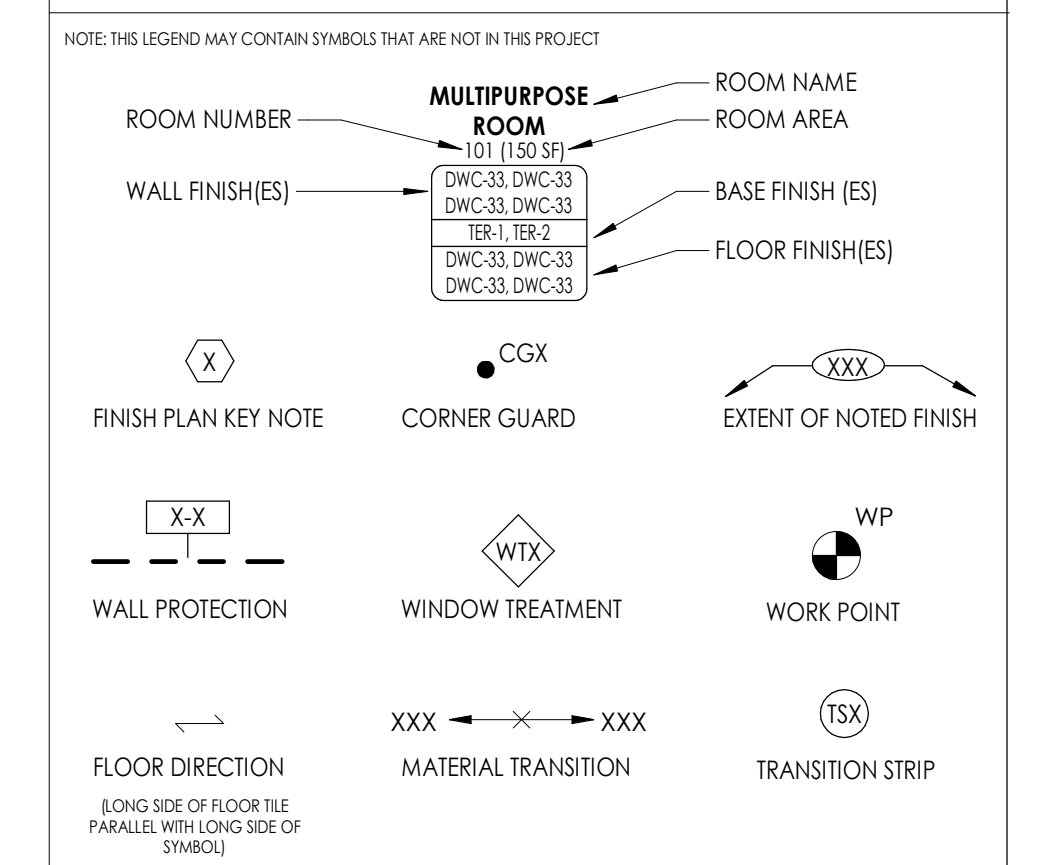
**FINISH PLAN GENERAL NOTES**

- ALL NEW AND EXISTING HOLLOW METAL DOORS, DOOR FRAMES AND WINDOW FRAMES IN PROJECT SCOPE SHALL BE PAINTED (PT-1), UNLESS NOTED OTHERWISE. ALL LOUVERS, VENTS, GRILLES AND OTHER MISCELLANEOUS MECHANICAL AND ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH THE SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE.
- REFER TO A600 SERIES DRAWINGS FOR CEILING TYPES AND SOFFIT FINISHES.
- UNDERSIDE OF SOFFITS TO MATCH FACE OF SOFFIT. SEE A600 SERIES FOR PAINT ACCENT SPECIFICATIONS.
- PAINT GWB CEILINGS (PT-3), UNLESS NOTED OTHERWISE.
- REFER TO A700 SERIES INTERIOR ELEVATIONS FOR MILLWORK FINISHES.
- HIGH PRESSURE PLASTIC LAMINATE ON VERTICAL SURFACES TO RUN VERTICALLY, UNLESS NOTED OTHERWISE.
- WHERE KICKSPACES OCCUR AT MILLWORK, FLOOR FINISH SHOWN ON PLANS SHALL RUN UNDERNEATH KICKSPACE AS WELL.
- ALL FLOOR FINISHES SHALL TRANSITION AT THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
- PROVIDE CONCRETE FLOOR PREPARATION IN ACCORDANCE WITH FLOORING MANUFACTURER SPECIFICATION.
- ALL NON-EPOXY GROUT TO BE SEALED A MINIMUM OF TWO TIMES PRIOR TO COMPLETION.

**FINISH ABBREVIATIONS**

ACT	ACOUSTICAL CEILING TILE	RB	RESILIENT BASE
AGL	ART GLASS	RP	RESIN PANEL
AWP	ACOUSTICAL WALL PANEL	RS	RESILIENT SHEET
CC	CUBICLE CURTAIN	RST	RESILIENT STAIR TREAD
CG	CORNER GUARD	RT	RESILIENT TILE
CHR	CHAIR RAIL	SC	SPECIALTY CEILING
CPT	CARPET	SCON	SEALED CONCRETE
CR	CHAIR RAIL	SN	STAIR NOSING & RISER
DG	DIGITAL GRAPHIC	SSM	SOLID SURFACE MATERIAL
DS	DIVIDER STRIP	ST	STONE VENEER
DWC	DIGITAL WALL COVERING	SV	SHEET VINYL
DWP	DIGITAL WALL PANEL	SWP	SHEET WALL PROTECTION
EPT	EPOXY PAINT	TB	TILE BASE
EKF	EPOXY RESIN FLOOR	TER	TERRAZZO
EGT	EPOXY GROUT	T	TILE
ETR	EXISTING TO REMAIN	TR	TRIM
EXP	EXPOSED	TS	TRANSITION STRIP
FILM	FILM	UPH	UPHOLSTERY
FRP	FIBER REINFORCED PANEL	VCT	VINYL COMPOSITION TILE
GRT	GROUT	VT	VINYL ENHANCED TILE
HR	HAND RAIL	VQT	VINYL QUARTZ TILE
INT	INTEGRAL	WC	WALL COVERING
LAM	PLASTIC LAMINATE	WD	WOOD
LVT	LUXURY VINYL TILE	WG	WALL GUARD
PT	PAINT	WOC	WALK OFF CARPET
PTM	PATCH TO MATCH	WS	WRITEABLE SURFACE
QB	QUARRY TILE BASE	WT	WINDOW TREATMENT
QT	QUARRY TILE		
QTZ	QUARTZ		

**FINISH PLAN SYMBOLS LEGEND**

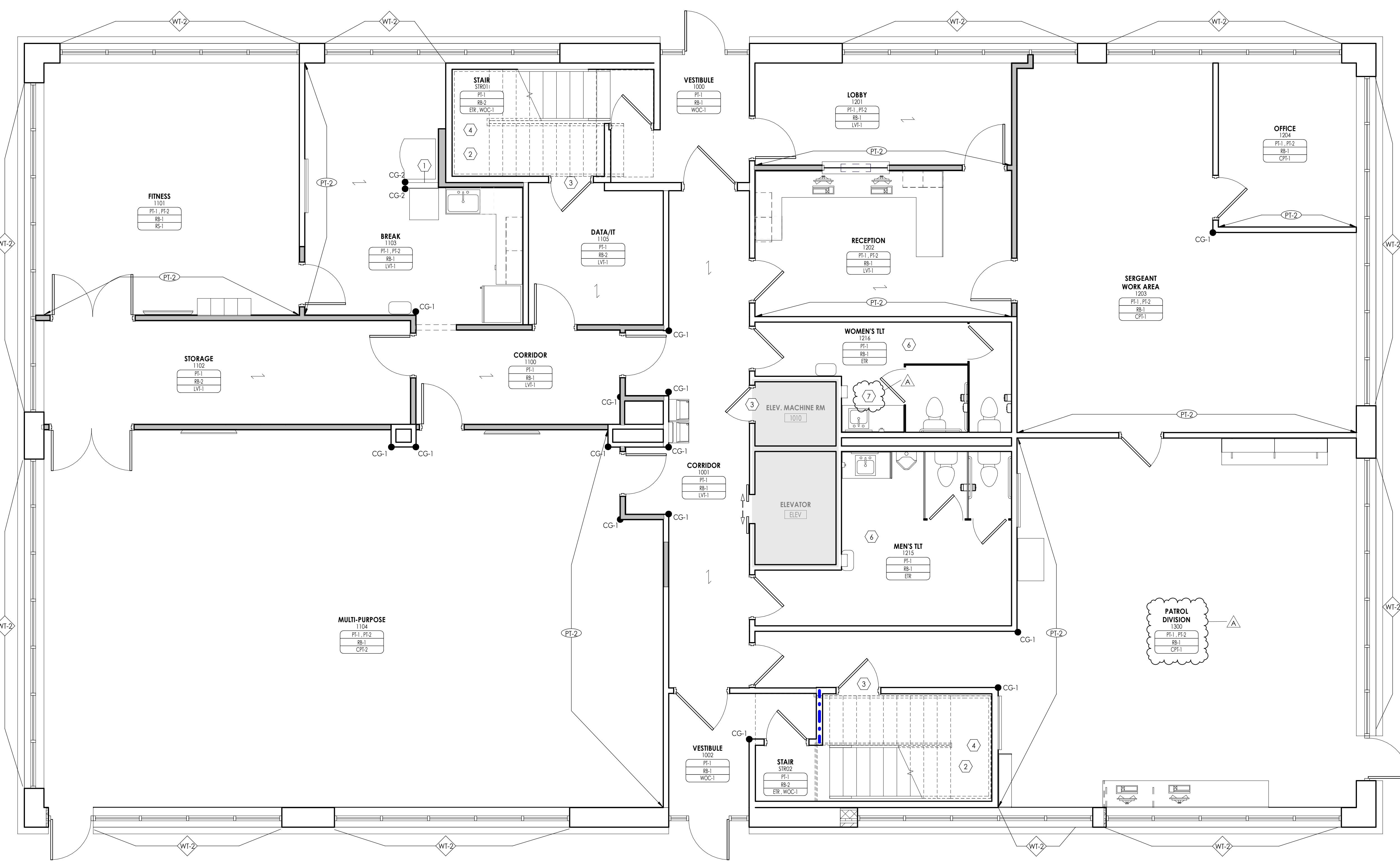


**FINISH PLAN KEY NOTES**

- PROVIDE SSM-1 TOP CAP FOR KNEE WALL.
- ALL RAILINGS, STRINGERS, AND ROOF ACCESS LADDER TO BE PAINTED PT-5 IN ITS ENTIRETY.
- DOOR FRAME TO BE PAINTED (PT-1) ONLY ON SIDE WHERE NEW FINISHES ARE BEING INSTALLED. OTHER SIDE OF DOOR FRAME SHALL BE EXISTING TO REMAIN. REFER TO INTERIOR FINISH SCHEDULE FOR MORE INFORMATION.
- RESILIENT STAIR TREADS AND RISERS STR. CLEAN THOROUGHLY AND PATCH/REPAIR AS NEEDED. PROVIDE WOC AT ALL LANDINGS.
- EXISTING SHELVES TO REMAIN. PAINT IN THEIR ENTIRETY.
- EXISTING TILE FLOOR TO REMAIN. CLEAN TILE AND GROUT THOROUGHLY.
- EXISTING TILE FLOOR TO REMAIN. FOR SLAB CUTTING, PATCH AND REPAIR AS NEEDED USING WHOLE TILES. MATCH EXISTING. REFER TO P200 SERIES FOR EXTENT OF WORK.

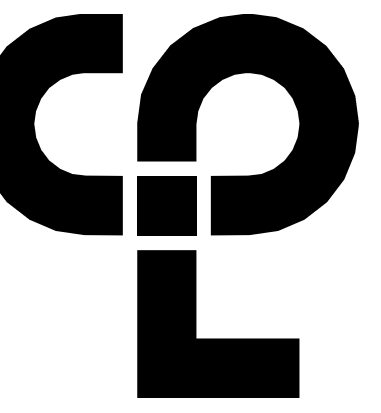
**ALTERNATES LEGEND**

- PROVIDE NEW TILE FLOOR. TILE BASE AND TOILET PARTITIONS IN ROOMS 1215 AND 1216.
- PROVIDE NEW TILE FLOOR. TILE BASE AND TOILET PARTITIONS IN ROOMS 2001 AND 2002.



1 FINISH PLAN - FIRST FLOOR  
1/4" = 1'-0"

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### FINISH PLAN GENERAL NOTES

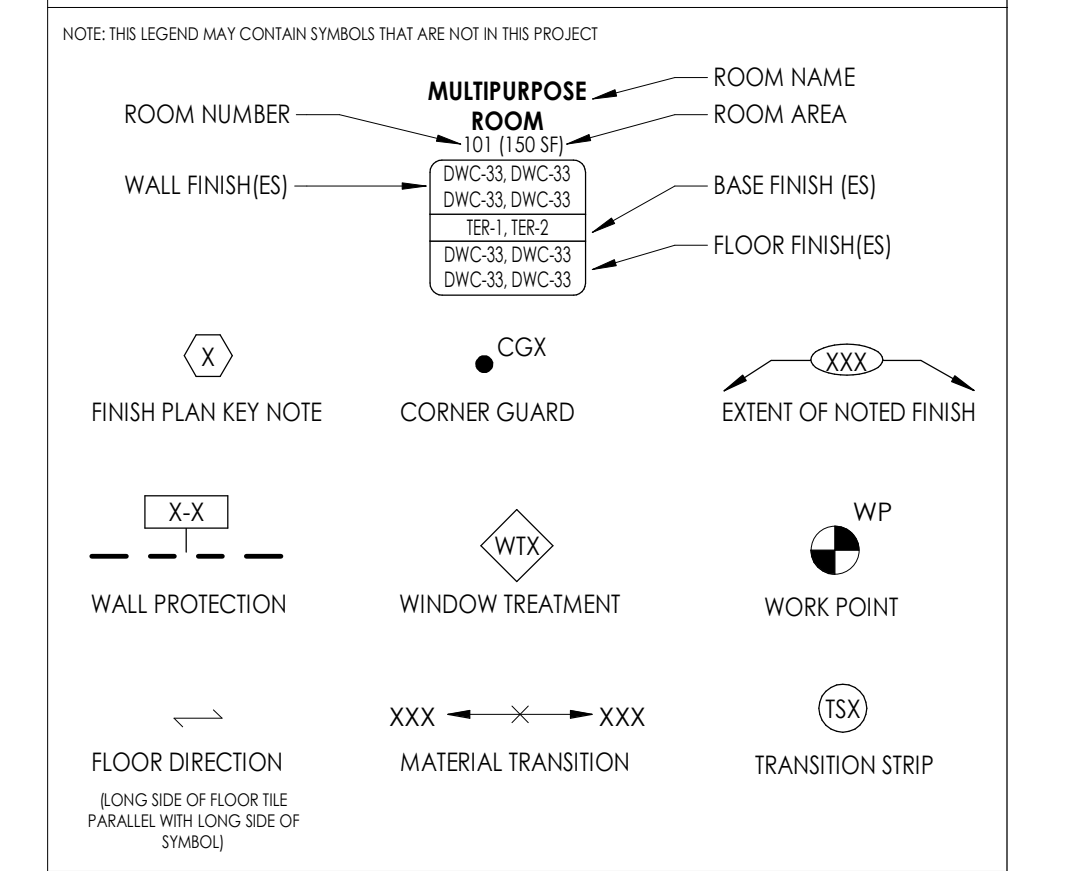
1. ALL NEW AND EXISTING HOLLOW METAL DOORS, DOOR FRAMES AND WINDOW FRAMES IN PROJECT SCOPE SHALL BE PAINTED (PT-4), UNLESS NOTED OTHERWISE. ALL LOUVERS, VENTS, GRILLES AND OTHER MISCELLANEOUS MECHANICAL AND ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH THE SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE.
2. REFER TO A600 SERIES DRAWINGS FOR CEILING TYPES AND SOFFIT FINISHES.
3. UNDERSIDE OF SOFFITS TO MATCH FACE OF SOFFIT. SEE A600 SERIES FOR PAINT ACCENT SPECIFICATIONS.
4. PAINT GWB CEILINGS (PT-3), UNLESS NOTED OTHERWISE.
5. REFER TO A700 SERIES INTERIOR ELEVATIONS FOR MILLWORK FINISHES.
6. HIGH PRESSURE PLASTIC LAMINATE ON VERTICAL SURFACES TO RUN VERTICALLY, UNLESS NOTED OTHERWISE.
7. WHERE KICKSPACES OCCUR AT MILLWORK, FLOOR FINISH SHOWN ON PLANS SHALL RUN UNDERNEATH KICKSPACE AS WELL.
8. ALL FLOOR FINISHES SHALL TRANSITION AT THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
9. PROVIDE CONCRETE FLOOR PREPARATION IN ACCORDANCE WITH FLOORING MANUFACTURER SPECIFICATION.
10. ALL NON-EPOXY GROUT TO BE SEALED A MINIMUM OF TWO TIMES PRIOR TO COMPLETION.

### FINISH ABBREVIATIONS

NOTE: THE LEGEND MAY CONTAIN ABBREVIATIONS THAT ARE NOT IN THIS PROJECT

ACT	ACOUSTICAL CEILING TILE	RB	RESILIENT BASE
AGL	ART GLASS	RP	RESIN PANEL
AWP	ACOUSTICAL WALL PANEL	RS	RESILIENT SHEET
CC	CUBICLE CURTAIN	RST	RESILIENT STAIR TREAD
CG	CORNER GUARD	RT	RESILIENT TILE
CHR	CHAIR RAIL	SC	SPECIALTY CEILING
CPT	CARPET	SCON	SEALED CONCRETE
CR	CRASH RAIL	SN	STAIR NOSING & RISER
DG	DIGITAL GRAPHIC	SSM	SOLID SURFACE MATERIAL
DS	DIVIDER STRIP	ST	STONE VENEER
DWC	DIGITAL WALL COVERING	SV	SHEET VINYL
DWP	DIGITAL WALL PANEL	SWP	SHEET WALL PROTECTION
EPT	EPOXY PAINT	TB	TILE BASE
ERF	EPOXY RESIN FLOOR	TER	TERAZZO
EET	EPOXY GROUT	T	TILE
ETR	EXISTING TO REMAIN	TR	TRIM
EXP	EXPOSED	TS	TRANSITION STRIP
FILM	FILM	UPH	UPHOLSTERY
FRP	FIBER REINFORCED PANEL	VCT	VINYL COMPOSITION TILE
GRT	GROUT	RET	RESILIENT TILE
HR	HAND RAIL	VQT	VINYL QUARTZ TILE
INT	INTERVAL	WC	WALL COVERING
LAM	PLASTIC LAMINATE	WD	WOOD
LVT	LUXURY VINYL TILE	WG	WALL GUARD
PT	PAINT	WOC	WALK OFF CARPET
PIM	PATCH TO MATCH	WS	WRITEABLE SURFACE
QB	QUARRY TILE BASE	WT	WINDOW TREATMENT
QT	QUARRY TILE		
QIZ	QUARTZ		

### FINISH PLAN SYMBOLS LEGEND

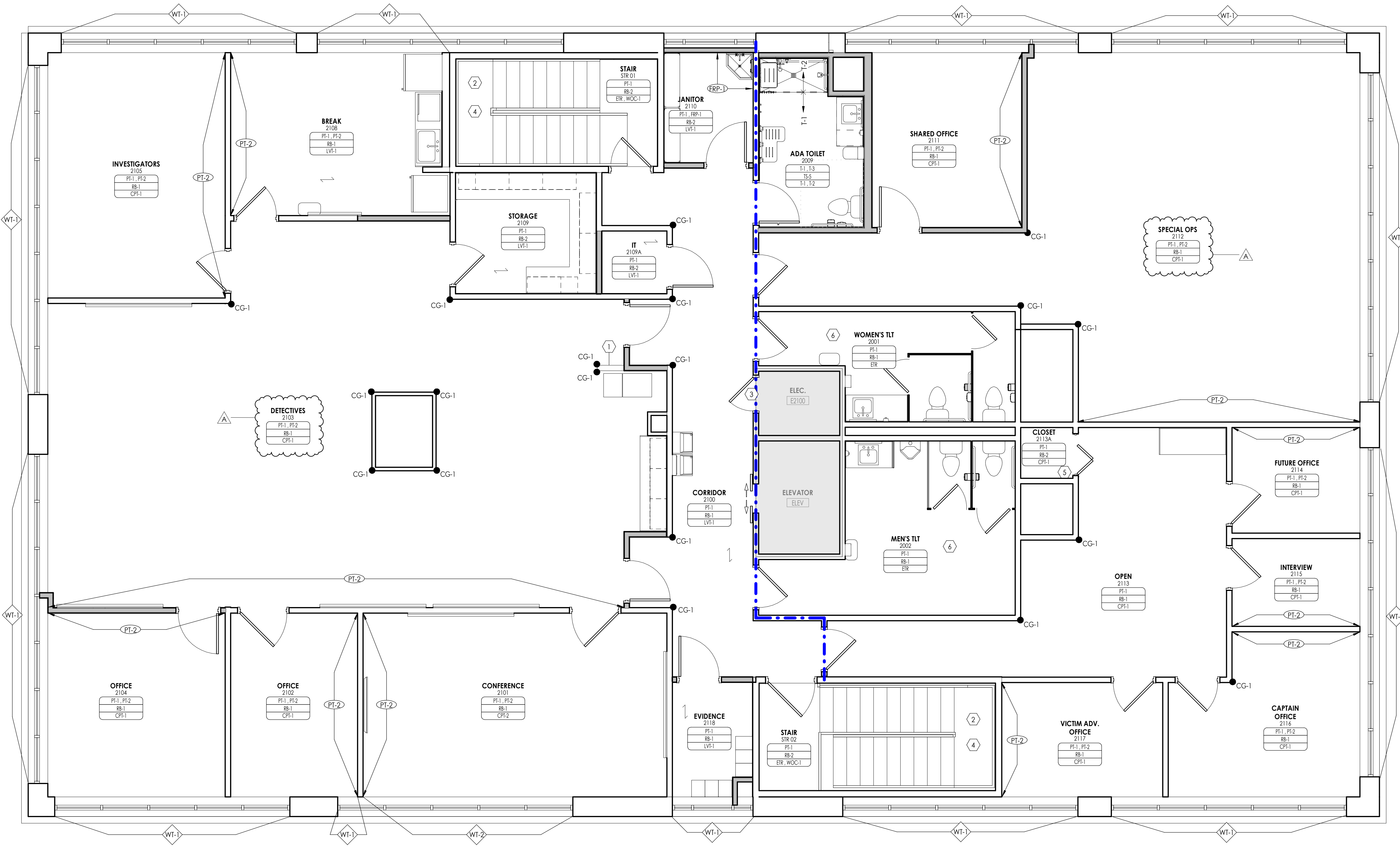


### FINISH PLAN KEY NOTES

1. PROVIDE SSM-1 TOP CAP FOR KNEE WALL.
2. ALL RAILINGS, STRINGERS, AND ROOF ACCESS LADDER TO BE PAINTED PT-5 IN ITS ENTIRETY.
3. DOOR FRAME TO BE PAINTED (PT-1) ONLY ON SIDE WHERE NEW FINISHES ARE BEING INSTALLED. OTHER SIDE OF DOOR FRAME SHALL BE EXISTING TO REMAIN. REFER TO INTERIOR FINISH SCHEDULE FOR MORE INFORMATION.
4. RESILIENT STAIR TREADS AND RISERS ETR. CLEAN THOROUGHLY AND PATCH/REPAIR AS NEEDED. PROVIDE WOC AT ALL LANDINGS.
5. EXISTING SHELVES TO REMAIN. PAINT IN THEIR ENTIRETY.
6. EXISTING TILE FLOOR TO REMAIN. CLEAN TILE AND GROUT THOROUGHLY.
7. EXISTING TILE FLOOR TO REMAIN. FOR SLAB CUTTING, PATCH AND REPAIR AS NEEDED USING WHOLE TILES. MATCH EXISTING. REFER TO P200 SERIES FOR EXTENT OF WORK.

### ALTERNATES LEGEND

3. PROVIDE NEW TILE FLOOR, TILE BASE AND TOILET PARTITIONS IN ROOMS 2125 AND 2126.
4. PROVIDE NEW TILE FLOOR, TILE BASE AND TOILET PARTITIONS IN ROOMS 2001 AND 2002.



1 FINISH FLOOR PLAN - SECOND FLOOR  
1/4" = 1'-0"

### PROJECT INFORMATION

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC

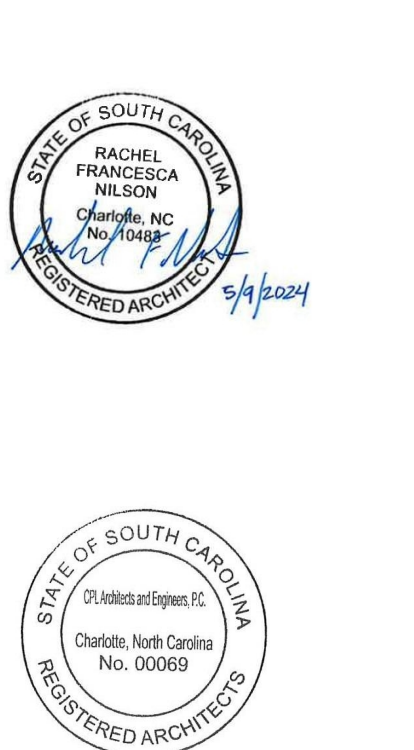
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

### PROJECT ISSUE & REVISION SCHEDULE

Rev	Date	Description
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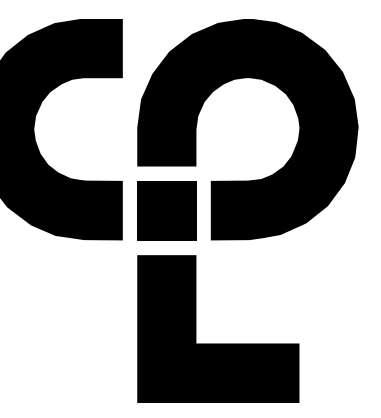
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Name: 05/09/2024 Scale: As indicated  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: CPL Checked By: CPL  
Drawing Title: FLOOR FINISH PLAN LEVEL 2

Drawing Number



**PROJECT INFORMATION**

Project Number: R23.00720.00  
 Client Name: YORK COUNTY, SC  
 Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

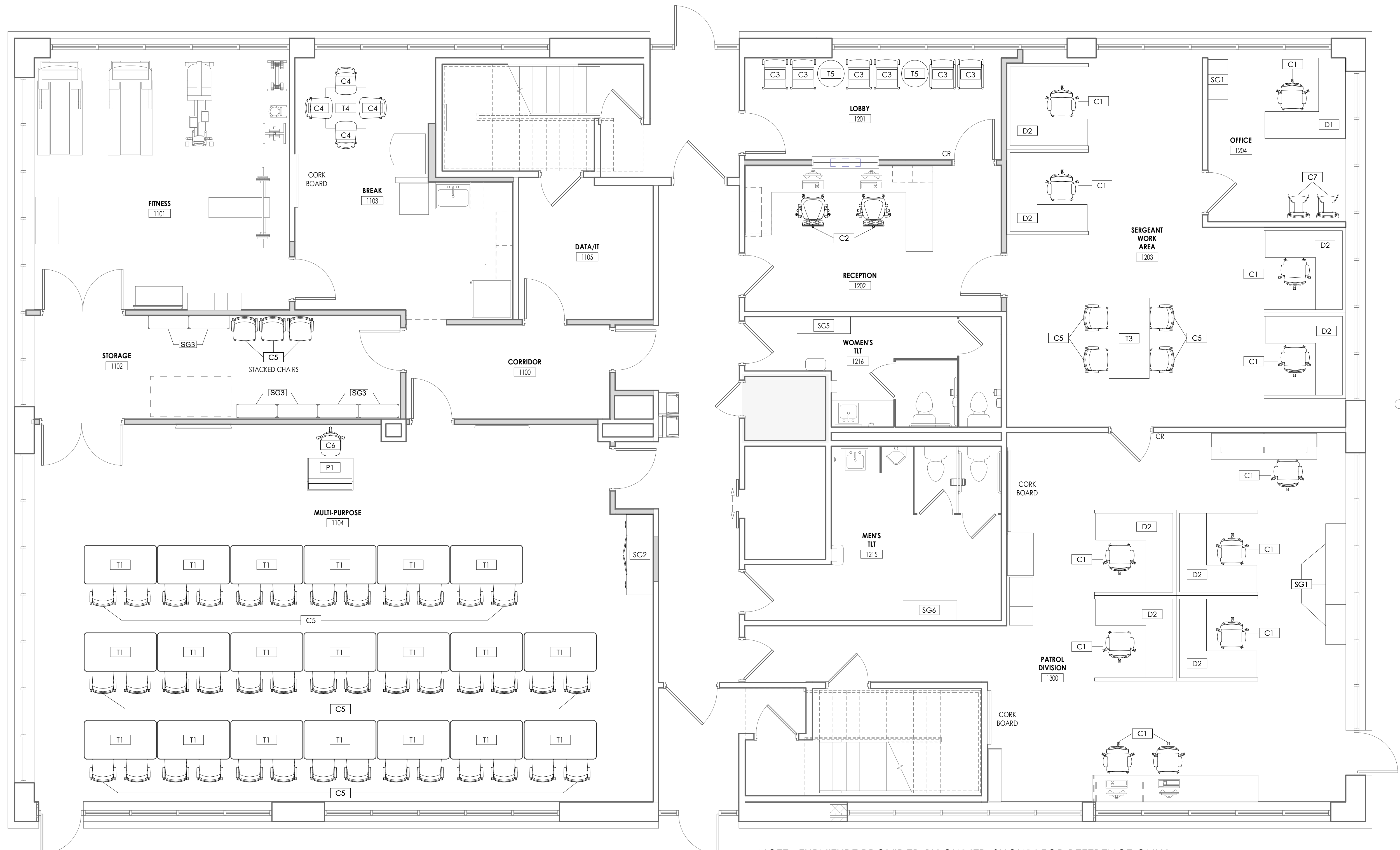
Issue No.	Date	Description

**PROFESSIONAL STAMPS**



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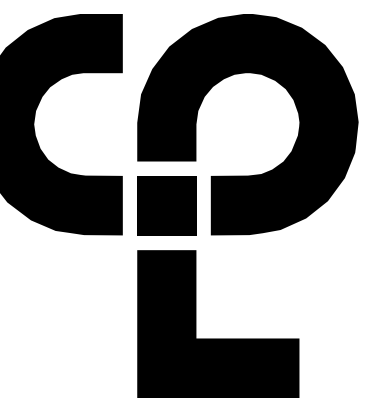
Name: 05/09/2024 Scale: 1/4" = 1'-0"  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: CPL Checked By: CPL  
 Drawing Title: FURNITURE PLAN LEVEL 1  
 Drawing Number:



NOTE: FURNITURE PROVIDED BY OWNER, SHOWN FOR REFERENCE ONLY

**1 FURNITURE PLAN - FIRST FLOOR**  
 1500 1/4" = 1'-0"

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PROJECT INFORMATION

Project Number  
R23.00720.00  
Client Name  
**YORK COUNTY, SC**  
Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
236 NORTH PARK DRIVE, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

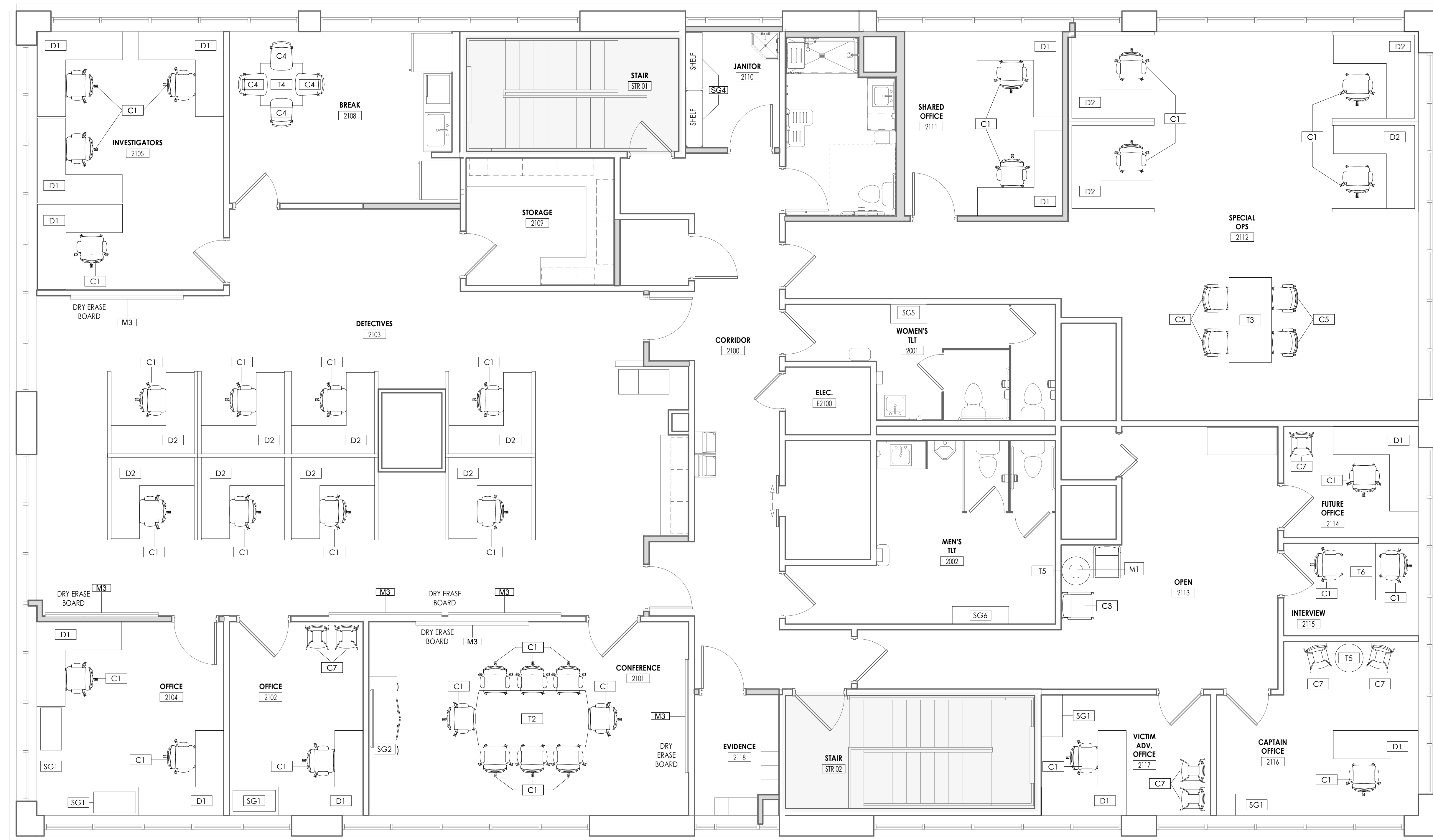
Date Description

PROFESSIONAL STAMPS



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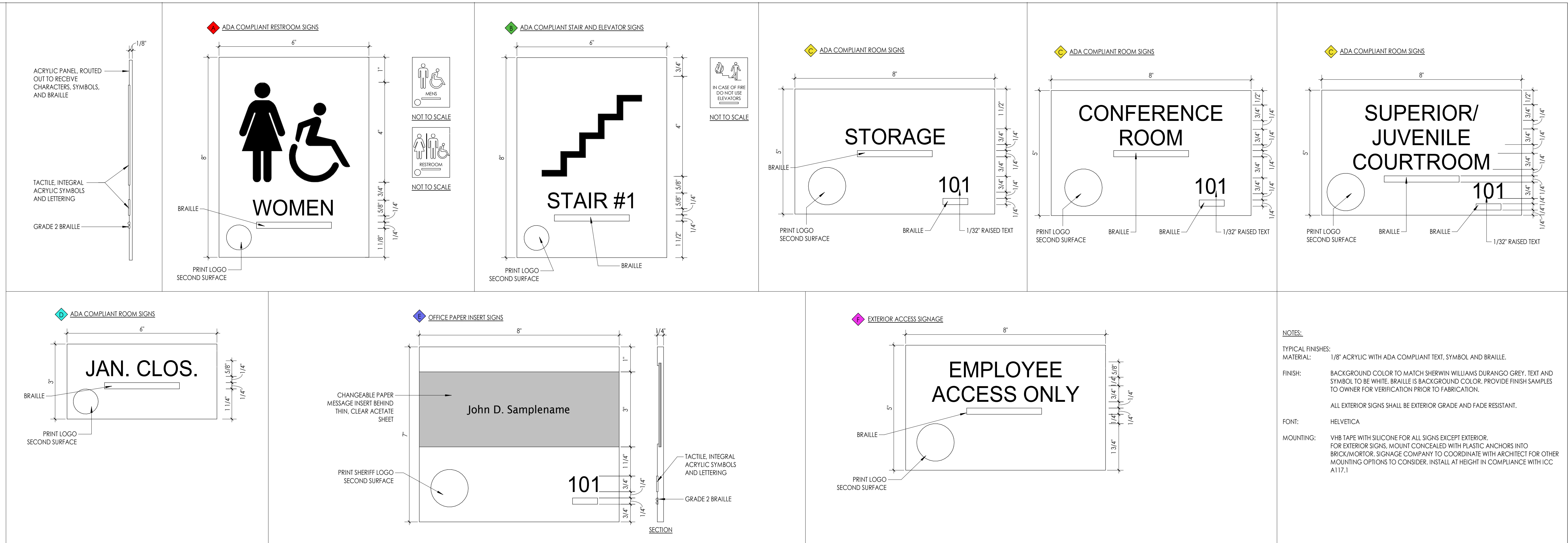
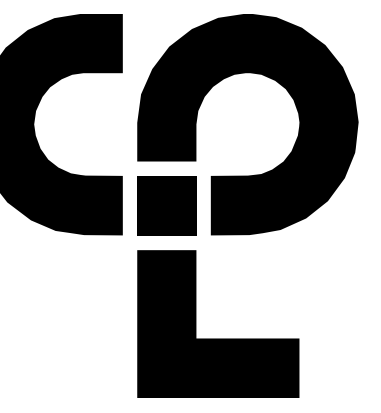
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05/09/2024  
Project Status  
100% CONSTRUCTION DOCUMENTS  
Drawn By  
CPL  
Checked By  
CPL  
Drawing Title  
**FURNITURE PLAN LEVEL 2**  
Drawing Number



NOTE: FURNITURE PROVIDED BY OWNER, SHOWN FOR REFERENCE ONLY

1  
1501  
FURNITURE PLAN - SECOND FLOOR  
1/4" = 1'-0"

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**NOTES:**

TYPICAL FINISHES:  
MATERIAL: 1/8" ACRYLIC WITH ADA COMPLIANT TEXT, SYMBOL AND BRAILLE.

FINISH: BACKGROUND COLOR TO MATCH SHERWIN WILLIAMS DURANGO GREY. TEXT AND SYMBOL TO BE WHITE. BRAILLE IS BACKGROUND COLOR. PROVIDE FINISH SAMPLES TO OWNER FOR VERIFICATION PRIOR TO FABRICATION.

ALL EXTERIOR SIGNS SHALL BE EXTERIOR GRADE AND FADE RESISTANT.

FONT: HELVEICA

MOUNTING: VHB TAPE WITH SILICONE FOR ALL SIGNS EXCEPT EXTERIOR. FOR EXTERIOR SIGNS, MOUNT CONCEALED WITH PLASTIC ANCHORS INTO BRICK/MORTAR. SIGNAGE COMPANY TO COORDINATE WITH ARCHITECT FOR OTHER MOUNTING OPTIONS TO CONSIDER. INSTALL AT HEIGHT IN COMPLIANCE WITH ICC A117.1

**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Issue No.	Date	Description

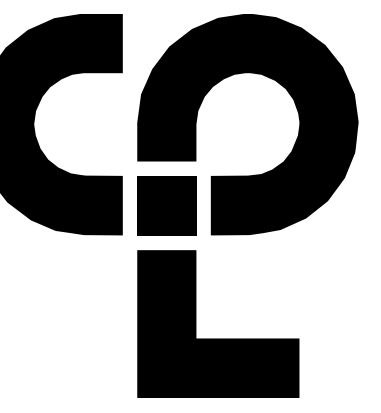
**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: 05/09/2024 Scale: 6" = 1'-0"  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: CPL Checked By: CPL  
Drawing Title: INTERIOR SIGNAGE

Drawing Number:



CPL | Architecture Engineering Planning  
 6302 Fairview Road Suite 102  
 Charlotte, NC 28210  
 CPLteam.com

**SIGNAGE KEY**

- ◆ RESTROOM SIGNAGE. REFER TO 1600 FOR MORE INFORMATION.
- ◆ STAIR AND ELEVATOR SIGNAGE. REFER TO 1600 FOR MORE INFORMATION.
- ◆ ROOM SIGNAGE. REFER TO 1600 FOR MORE INFORMATION.
- ◆ ROOM SIGNAGE WITHOUT NUMBERS. REFER TO 1600 FOR MORE INFORMATION.
- ◆ OFFICE PAPER INSERTS SIGNS. REFER TO 1600 FOR MORE INFORMATION.
- ◆ EXTERIOR EMPLOYEE ACCESS ONLY SIGNS.

**PROJECT INFORMATION**

Project Number  
R23.00720.00  
 Client Name  
**YORK COUNTY, SC**  
 Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**  
 Project Address  
236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

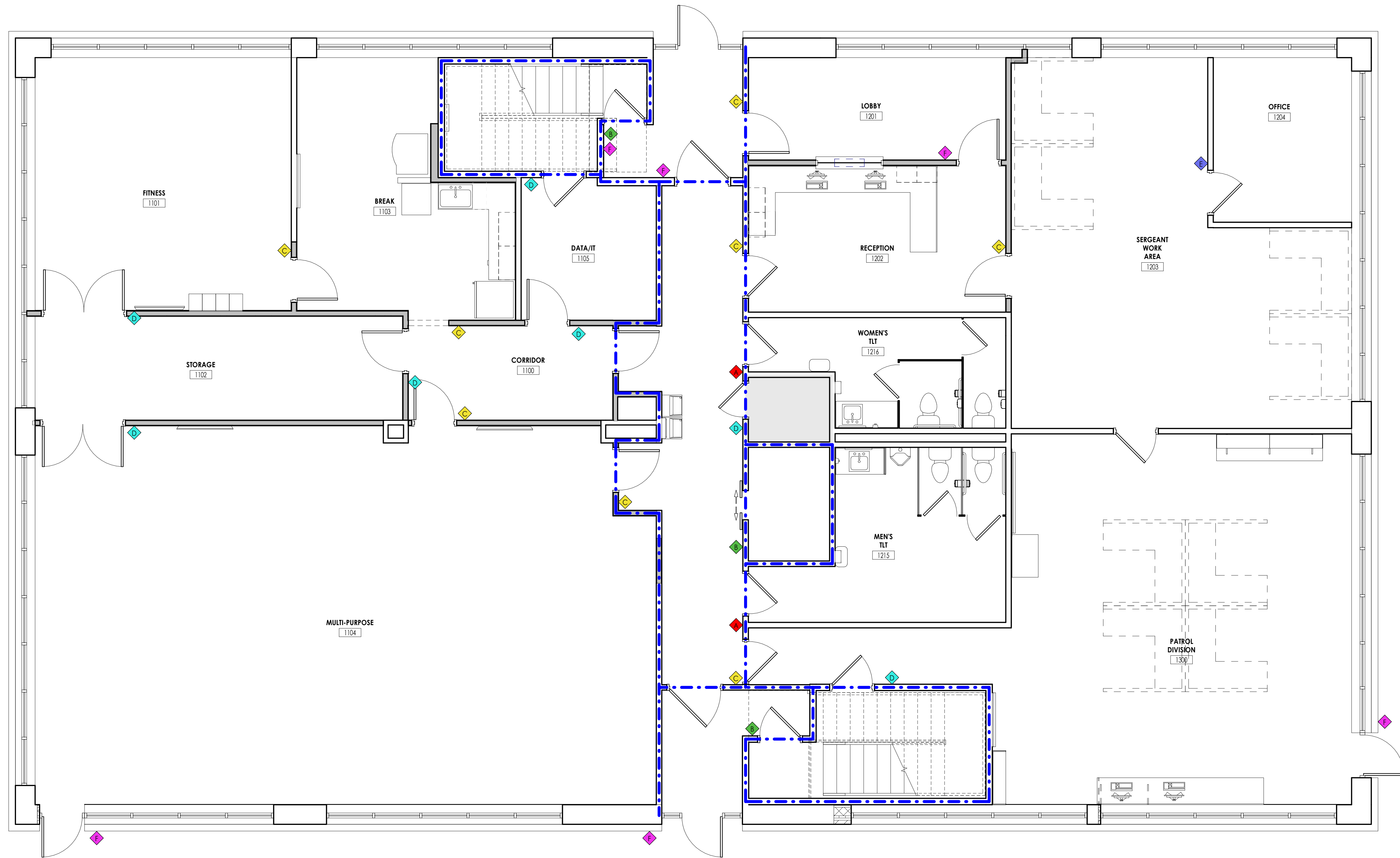
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**PROFESSIONAL STAMPS**

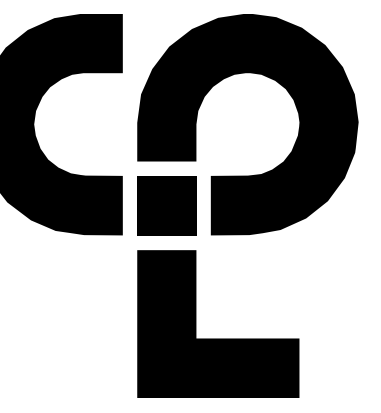


**SHEET INFORMATION**

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 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: CPL Checked By: CPL  
 Drawing Title: SIGNAGE PLAN LEVEL 1  
 Drawing Number:



**1**  
**1601**  
**SIGNAGE PLAN - FIRST FLOOR**  
 1/4" = 1'-0"



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 6302 Fairview Road Suite 102  
 Charlotte, NC 28210  
 CPLteam.com

**SIGNAGE KEY**

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**PROJECT INFORMATION**

Project Number  
 R23.00720.00  
 Client Name  
**YORK COUNTY, SC**  
 Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Issue No.	Date	Description

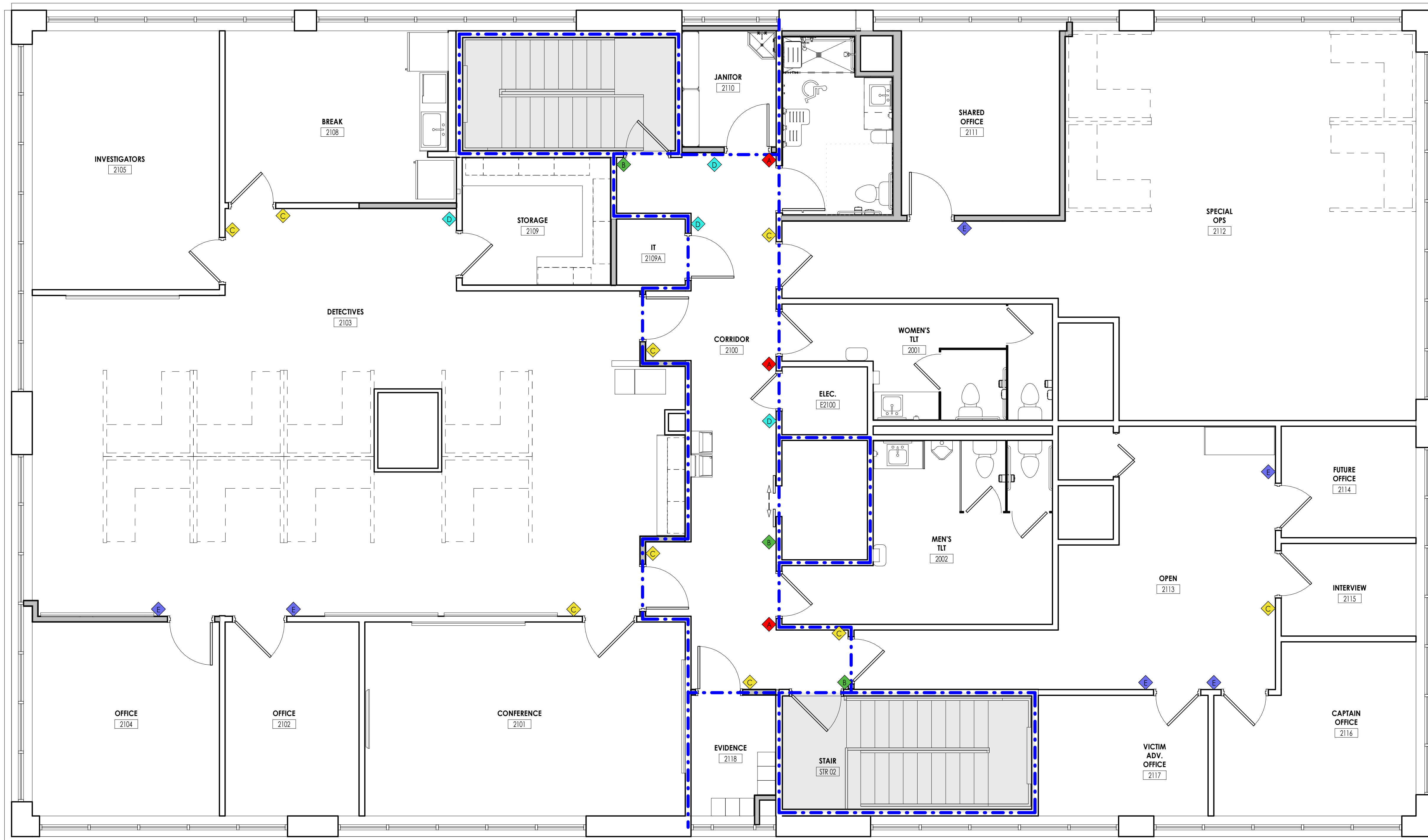
**PROFESSIONAL STAMPS**



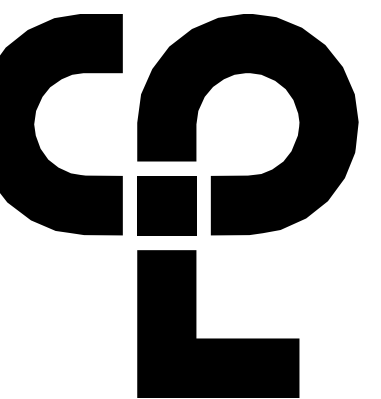
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Name  
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 Project Status  
 100% CONSTRUCTION DOCUMENTS  
 Drawn By  
 CPL  
 Checked By  
 CPL  
 Drawing Title  
**SIGNAGE PLAN LEVEL 2**

Drawing Number



**1 SIGNAGE PLAN - SECOND FLOOR**  
 1/4" = 1'-0"



### MECHANICAL SYMBOLS LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CONNECTION - TOP		DUCT SECTION - SUPPLY		ELECTRIC/PNEUMATIC SWITCH OR RELAY		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		1-1/2 TIMES BRANCH SIZE
	CONNECTION - BOTTOM		DUCT SECTION - RETURN		PNEUMATIC/ELECTRIC SWITCH OR RELAY		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		1-1/2 TIMES BRANCH SIZE
	DIRECTION OF FLOW		DUCT SECTION - EXHAUST		OPEN/CLOSED		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		CONICAL TEE
	REDUCER		DUCT SECTION - ROUND DUCT IN INCHES		START/STOP		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		LATERAL
	CAP OR PLUG		DUCT SECTION - FLAT OVAL DUCT IN INCHES		ENABLE/DISABLE		SUPPLY AIR TAKEOFFS		LATERAL
	ELBOW DOWN		ACOUSTIC THERMAL LINING		TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)		SUPPLY AIR TAKEOFFS		LATERAL
	ELBOW UP		FLEXIBLE DUCTWORK		HUMIDITY SENSOR (DUCT MOUNTED)		SUPPLY AIR TAKEOFFS		LATERAL
	TEE OUTLET - UP		FLEXIBLE CONNECTION		PRESSURE TRANSMITTER		SUPPLY AIR TAKEOFFS		LATERAL
	TEE OUTLET - DOWN		FIRE DAMPER		DIFFERENTIAL PRESSURE TRANSMITTER		SUPPLY AIR TAKEOFFS		LATERAL
	UNION		SMOKE DAMPER		ELECTRIC/PNEUMATIC TRANSDUCER		SUPPLY AIR TAKEOFFS		LATERAL
	GATE VALVE		COMBINATION FIRE AND SMOKE DAMPER		ELECTRIC/ELECTRONIC TRANSDUCER		SUPPLY AIR TAKEOFFS		LATERAL
	BALL VALVE		VOLUME DAMPER		DUCT SMOKE DETECTOR		SUPPLY AIR TAKEOFFS		LATERAL
	BALANCING VALVE		DAMPER CONTROL, PARALLEL BLADE		SPACE THERMOSTAT		SUPPLY AIR TAKEOFFS		LATERAL
	STRAINER		DAMPER CONTROL, OPPOSED BLADE		SPACE TEMPERATURE SENSOR		SUPPLY AIR TAKEOFFS		LATERAL
	STRAINER WITH BLOW-DOWN		AUTOMATIC AIR DAMPER		SPACE CARBON DIOXIDE SENSOR		SUPPLY AIR TAKEOFFS		LATERAL
	BUTTERFLY VALVE		BACK DRAFT DAMPER		SPACE NATURAL GAS SENSOR		SUPPLY AIR TAKEOFFS		LATERAL
	GLOBE VALVE		BLAST GATE		NITROGEN OXIDES SENSOR		SUPPLY AIR TAKEOFFS		LATERAL
	CHECK VALVE		AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)		SPACE CARBON MONOXIDE SENSOR		SUPPLY AIR TAKEOFFS		LATERAL
	TRIPLE DUTY VALVE		FLAT OVAL		SPACE HUMIDISTAT		SUPPLY AIR TAKEOFFS		LATERAL
	GAS COCK, PLUG VALVE		TURNING VANES		WATER FLOW SENSOR		SUPPLY AIR TAKEOFFS		LATERAL
	UNDERCUT DOOR 1"		EXISTING WORK TO BE REMOVED (HATCHED)		PNEUMATIC ACTUATOR		SUPPLY AIR TAKEOFFS		LATERAL
	AIR VENT - MANUAL		POINT OF CONNECTION		ELECTRIC ACTUATOR		SUPPLY AIR TAKEOFFS		LATERAL
	AIR VENT - AUTOMATIC		POINT OF DISCONNECTION		VARIABLE SPEED / FREQUENCY DRIVE		SUPPLY AIR TAKEOFFS		LATERAL
	FLANGE		AIR FLOW SENSOR		COOLING COIL		SUPPLY AIR TAKEOFFS		LATERAL
	CONTROL/SOLENOID VALVE, ELECTRIC 2-WAY		FILTER		HEATING COIL		SUPPLY AIR TAKEOFFS		LATERAL
	CONTROL VALVE, ELECTRIC 3-WAY		TRANSITION SQUARE TO ROUND		GAS FURNACE		SUPPLY AIR TAKEOFFS		LATERAL
	CONTROL VALVE, PNEUMATIC 2-WAY		HUMIDIFIER DISPERSION TUBE		HUMIDIFIER		SUPPLY AIR TAKEOFFS		LATERAL
	CONTROL VALVE, PNEUMATIC 3-WAY		RISE IN DUCT		ALARM		SUPPLY AIR TAKEOFFS		LATERAL
	RELIEF / SAFETY VALVE		DROP IN DUCT		STATUS		SUPPLY AIR TAKEOFFS		LATERAL
	PRESSURE REDUCING VALVE		SQUARE OR RECTANGULAR CEILING DIFFUSER (4 WAY)		FLOW SWITCH		SUPPLY AIR TAKEOFFS		LATERAL
	VACUUM BREAKER		CEILING DIFFUSER WITH SECTORIZING BAFFLES (1 WAY, 2 WAY, 3 WAY)		DIFFERENTIAL STATIC PRESSURE SWITCH		SUPPLY AIR TAKEOFFS		LATERAL
	FLEXIBLE PIPE CONNECTOR		ROUND CEILING DIFFUSER		RELAY		SUPPLY AIR TAKEOFFS		LATERAL
	EXPANSION COMPENSATOR W/ GUIDES		SQUARE OR RECTANGULAR CEILING RETURN GRILLE		PRESSURE GAUGE		SUPPLY AIR TAKEOFFS		LATERAL
	EXPANSION JOINT		EXHAUST GRILLE		FREEZE-STAT		SUPPLY AIR TAKEOFFS		LATERAL
	PIPE ANCHOR		SUPPLY REGISTER, RETURN OR EXHAUST GRILLE		DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)		SUPPLY AIR TAKEOFFS		LATERAL
	PIPE GUIDE		AIR FLOW		DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		SUPPLY AIR TAKEOFFS		LATERAL
	THERMOSTATIC TRAP		X = DIFFUSER OR GRILL TYPE		ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		SUPPLY AIR TAKEOFFS		LATERAL
	FLOAT & THERMOSTATIC TRAP		XX = AIR FLOW VALUE (CFM)		ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)		SUPPLY AIR TAKEOFFS		LATERAL
	BUCKET TRAP		X = DIFFUSER OR GRILLE TYPE		ELECTRICAL INTERFACE		SUPPLY AIR TAKEOFFS		LATERAL
	THERMODYNAMIC TRAP		XX = CONNECTION SIZE/GRILLE SIZE		SPEED FEED BACK		SUPPLY AIR TAKEOFFS		LATERAL
	THERMOMETER		XXX = AIR FLOW VALUE (CFM)		TRAVERSE AVERAGING SENSOR		SUPPLY AIR TAKEOFFS		LATERAL
	WELL				PROBE SENSOR		SUPPLY AIR TAKEOFFS		LATERAL
	PRESSURE GAUGE				FREEZE STAT SENSOR		SUPPLY AIR TAKEOFFS		LATERAL
	STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE						SUPPLY AIR TAKEOFFS		LATERAL
	PRESSURE GAUGE WITH 1/4" NEEDLE VALVE						SUPPLY AIR TAKEOFFS		LATERAL
	PIPING						SUPPLY AIR TAKEOFFS		LATERAL
	PUMP						SUPPLY AIR TAKEOFFS		LATERAL

### MECHANICAL GENERAL NOTES

- MAINTAIN CLEARANCE OF A MINIMUM OF 6" BETWEEN DUCTWORK, PIPING, EQUIPMENT, ETC. AND ALL RATED WALL ASSEMBLIES TO ALLOW FOR INSPECTIONS OF RATED WALLS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILING, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS. FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING, THE EXISTING CEILING SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATIONS APPROVED BY THE OWNER. THE OWNER WILL NOT COMPENSATE FOR ANY DAMAGED OR LOST MATERIAL WHILE IN STORAGE. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION.
- DEMOLITION DRAWINGS SHOW MAJOR EQUIPMENT, PIPING, AND DUCTWORK REMOVALS. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING, PIPING ACCESSORIES, DUCTWORK, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS, CONTROLS ACCESSORIES, CONTROL WIRING, CONDUIT, AND PNEUMATIC CONTROL TUBING TO BE DISCONNECTED AND REMOVED, BUT IS THE REQUIREMENT UNDER THIS CONTRACT. NO EQUIPMENT, PIPING, OR DUCTWORK SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE DISCONNECTED AND REMOVED FROM THE EXISTING SYSTEMS AND DELIVERED (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY EQUIPMENT DAMAGED DURING REMOVAL AND DELIVERY. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.
- BEFORE DISCONNECTING, REMOVING, OR SERVICING ANY AIR CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT PER THE LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). THE CONTRACTOR OR TECHNICIAN PERFORMING THE WORK SHALL BE CERTIFIED BY AN EPA APPROVED CERTIFYING AGENCY OR ORGANIZATION.
- ALL DUCTWORK, PIPING, AND CONDUIT PENETRATIONS THROUGH RATED VERTICAL AND HORIZONTAL ASSEMBLIES SHALL BE PROVIDED WITH FIRESMOKE STOPPING PER SPECIFICATION. REFER TO CODE ANALYSIS DRAWING FOR ALL RATED LOCATIONS.
- UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE PENETRATIONS THROUGH FLOORS, ROOFS, INTERIOR WALLS, AND EXTERIOR WALLS AFTER DEMOLITION WORK. IN ADDITION, ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, CURBING, DUCTWORK, PIPING, CONTROLS, ETC. PATCHING AND FINISHING SHALL MATCH EXISTING CONSTRUCTION INCLUDING FIRE RATINGS. PROVIDE UNTELS PER UNTEL SCHEDULE.
- UNLESS NOTED OTHERWISE IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO MODIFY AND PATCH ROOFING AND ROOF DECKS AS NECESSARY TO INSTALL NEW EQUIPMENT SUPPORTS, PIPING PORTALS, CURBS AND RAILS. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO PATCH ROOFING AND DECKS WHEN DEMOLISHING ROOF MOUNTED EQUIPMENT. COORDINATE WITH THE OWNER AND EXISTING ROOFING MANUFACTURERS TO MAINTAIN THE WARRANTIES ON ALL ROOFING. ALL ROOFING WORK TO BE PERFORMED BY CERTIFIED ROOFING CONTRACTOR. IT IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE STRUCTURAL FRAMING ASSOCIATED WITH THE WORK IN THIS CONTRACT. REFER TO ARCHITECTURAL DRAWINGS FOR ROOF AND DECK TYPES AND FRAMING DETAILS. PROVIDE STRUCTURAL FRAMING FOR EQUIPMENT AND ROOF OPENINGS. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
- INSTALLATION OF ALL MECHANICAL EQUIPMENT RAILS AND CURBS SHALL CONFORM TO THE WIND RESTRAINT REQUIREMENTS APPLICABLE BUILDING CODE AND THIS PROJECT.
- ALL MECHANICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2021 SOUTH CAROLINA BUILDING, MECHANICAL, PLUMBING, FUEL GAS, FIRE PROTECTION AND 2009 ENERGY CONSERVATION CODES.
- COORDINATE DIFFUSER, GRILLE AND REGISTER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS INCLUDING LIGHT FIXTURES, SMOKE DETECTORS, SPRINKLER HEADS, ETC.
- LOCATE THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS AND HUMIDITY SENSORS AT 48" (CENTERLINE) ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS WITH OTHER EQUIPMENT, FURNITURE AND DOOR SWINGS. PAINT/PATCH AREAS WHERE THERMOSTAT WAS REMOVED TO MATCH EXISTING WALL FINISH.
- DAMPERS AND INSIDES OF DUCTS VISIBLE THROUGH GRILLES, REGISTERS AND DIFFUSERS SHALL BE PAINTED FLAT BLACK.
- ACCESS PANELS IN DUCTWORK AND CEILING SHALL BE PROVIDED WHERE REQUIRED FOR OPERATION, BALANCING OR MAINTENANCE OF ALL MECHANICAL EQUIPMENT. PROVIDE DUCT ACCESS DOORS ADJACENT TO ALL SQUARE ELBOWS WITH TURNING VANES FOR CLEANING.
- ALL DUCTWORK AND PIPING IS SHOWN SCHEMATICALLY. PROVIDE ALL TRANSITIONS, TURNING VANES, ELBOWS, FITTINGS, ETC., TO ALLOW SMOOTH FLOWS. ALL SPLIT DUCT FITTINGS SHALL TRANSITION TO FULL SIZE OF THE SUM OF BOTH BRANCHES, UPSTREAM OF SPLIT.
- PROVIDE FLEXIBLE DUCT CONNECTIONS ON ALL DUCTWORK CONNECTING TO EACH PIECE OF EQUIPMENT INCLUDING FANS, AIR HANDLING UNITS, TERMINAL UNITS AND FAN COIL UNITS, ETC.
- RUNOUT DUCTS TO DIFFUSERS & GRILLES SHALL MATCH THE SCHEDULED DEVICE NECK SIZE UNLESS NOTED OTHERWISE. PROVIDE TRANSITIONS AT DIFFUSER NECKS AS REQUIRED TO MATCH SIZES OF FLEXIBLE DUCTS TO BE CONNECTED.
- SLEEVE AND SEAL ALL PIPING PENETRATIONS THROUGH BUILDING PARTITIONS.
- A MAXIMUM OF LENGTH 5'-0" FLEXIBLE DUCTWORK ALLOWED ON ANY RUNOUT TO ANY AIR DEVICE. FLEXIBLE DUCTWORK IS NOT PERMITTED ON RETURN OR EXHAUST GRILLES.
- ALL SUPPLY AND RETURN GRILLES SHALL BE A MINIMUM OF 36" AWAY FROM SMOKE DETECTOR LOCATIONS AS REQUIRED BY CODE.
- REFER TO ARCHITECTURAL PLANS FOR FLOOR PLAN DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
- DUCTWORK AS SHOWN ON THE DRAWINGS IS DIAGRAMMATIC. COORDINATE EXACT LOCATION WITH THE BUILDING STRUCTURE.
- REPLACE FILTERS JUST PRIOR TO ACCEPTANCE BY THE OWNER.
- USE RADIIUSED ELBOWS IN RETURN AND EXHAUST DUCTWORK UNLESS SHOWN OTHERWISE OR SPACE WILL NOT PERMIT. IF MITERED ELBOW IS INDICATED ON PLAN OR REQUIRED FOR CLEARANCE, INSTALL TURNING VANES AND ACCESS DOORS AT ELBOW.
- ALL MATERIALS EXPOSED WITHIN CONCEALED AIR PLenums SHALL BE NON-COMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND SMOKE DEVELOPED INDEX OF NOT MORE THAN 50.

MECHANICAL DESIGN CRITERIA		
TEMPERATURE DESIGN		
CONDITION	CRITERIA	COMMENTS
SUMMER (COOLING): OUTSIDE AIR DESIGN	94.7 DB / 74.5 WB	DERIVED FROM ASHRAE 90.1 ROCK HILL, SC
WINTER (HEATING): OUTSIDE AIR DESIGN	20.3°F	DERIVED FROM ASHRAE 90.1 ROCK HILL, SC
INDOOR DESIGN: GENERAL OCCUPIED	75°F	RELATIVE HUMIDITY: 50%
SEISMIC DESIGN		
1. SEISMIC DESIGN CATEGORY: C		
2. PROVIDE SEISMIC AND WIND RESTRAINTS IN ACCORDANCE WITH BUILDING CODE. REFER TO STRUCTURAL DRAWINGS FOR SEISMIC AND WIND CRITERIA. SELECTION AND DESIGN OF SEISMIC AND WIND RESTRAINT SYSTEMS SHALL BE BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA		

**PROJECT INFORMATION**  
 Project Number: R23.00720.00  
 Client Name: YORK COUNTY, SC  
 Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

### PROFESSIONAL STAMPS



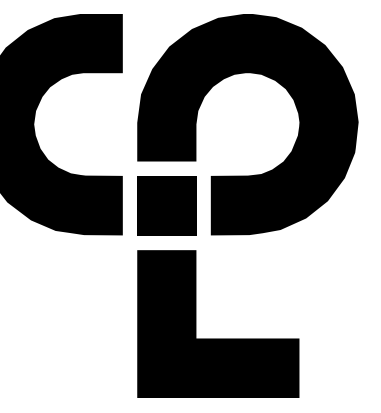
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 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: LBS Checked By: GPK  
 Drawing Title: HVAC SYMBOLS LEGEND AND CONTRACTOR NOTES  
 Drawing Number:





**KEY NOTES**

① DEMOLISH ALL EXISTING DUCTWORK, CONTROLS AND ACCESSORIES IN BUILDING.



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**PROJECT INFORMATION**

Project Number  
R23.00720.00  
Client Name  
**YORK COUNTY, SC**  
Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**  
Project Address  
236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

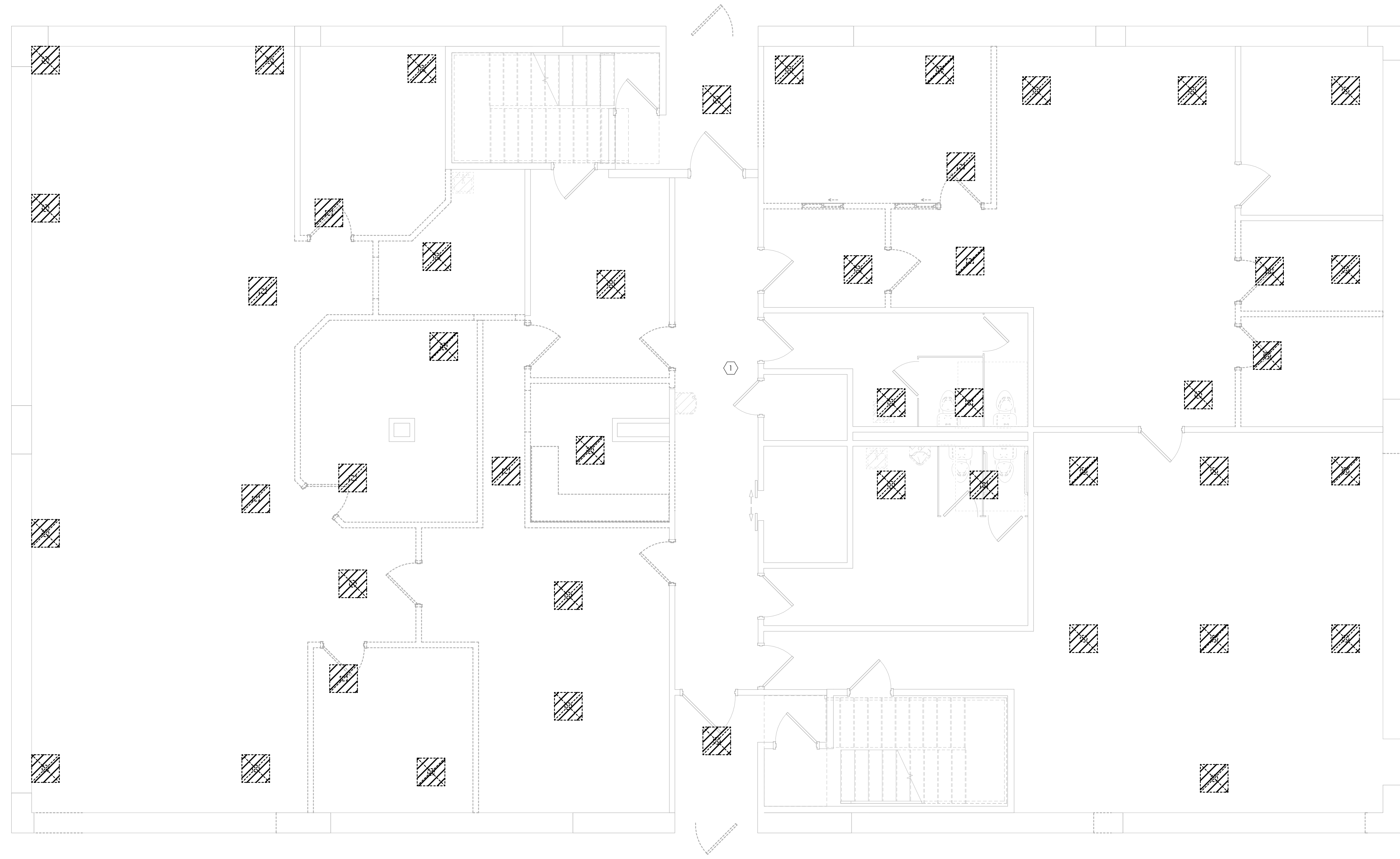
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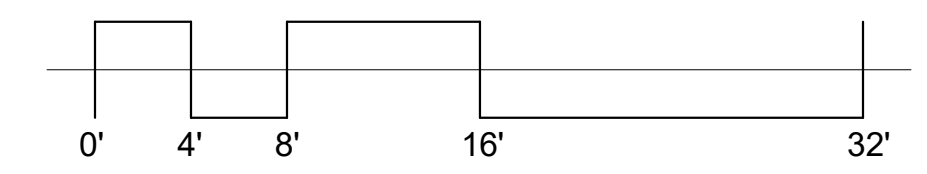


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Name  
05/09/2024 As indicated  
Project Status  
100% CONSTRUCTION DOCUMENTS  
Drawn By  
LSB Checked By  
GPK  
Drawing Title  
**FIRST FLOOR HVAC DEMOLITION PLAN**  
Drawing Number



**LEVEL 1 DEMOLITION PLAN**  
1  
H100  
1/4" = 1'-0"  
TRUE NORTH

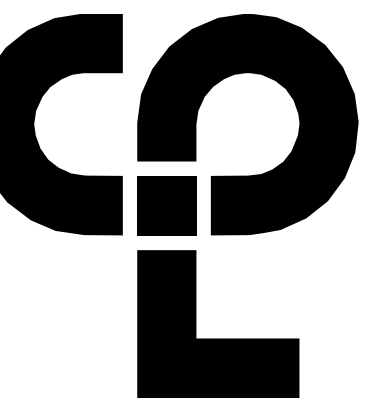


H100

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**KEY NOTES**

① DEMOLISH ALL EXISTING DUCTWORK, CONTROLS AND ACCESSORIES IN BUILDING.



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**PROJECT INFORMATION**

Project Number

R23.00720.00

Client Name

YORK COUNTY, SC

Project Name

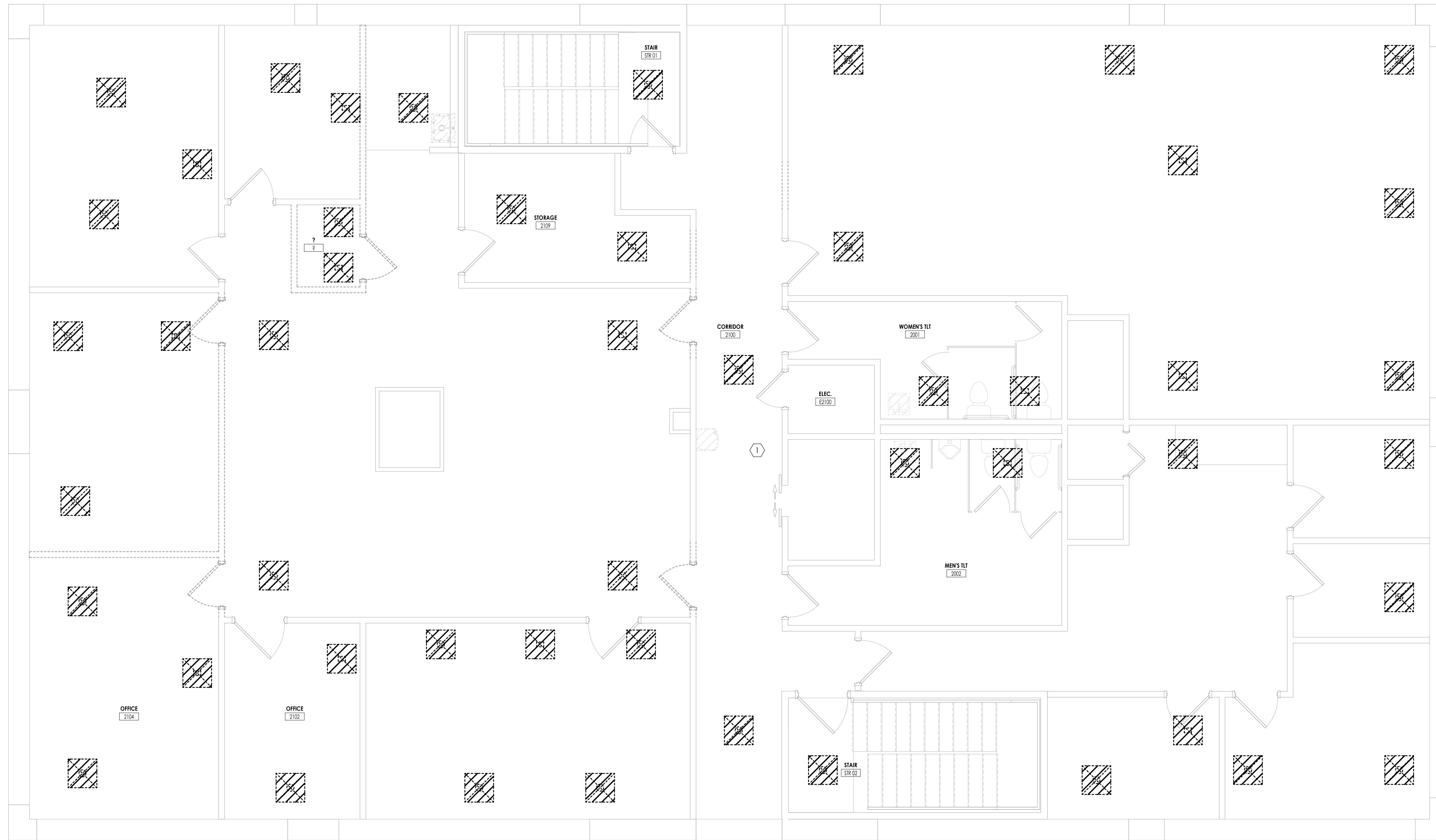
DISTRICT 3 SHERIFF'S OFFICE

Project Address

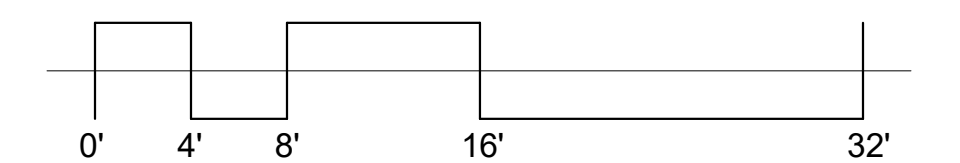
236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Date



**1 H101 LEVEL 2 DEMOLITION PLAN**  
1/4" = 1'-0"  
TRUE NORTH



**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name

05/09/2024

Project Status

100% CONSTRUCTION DOCUMENTS

Drawn By

LSB

Checked By

GPK

Drawing Title

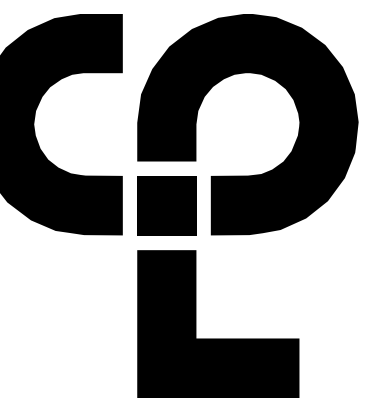
SECOND FLOOR HVAC

DEMOLITION PLAN

Drawing Number

-

H101



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**KEY NOTES**

- ① DEMOLISH EXISTING RTU, CONTROLS AND CONDENSATE PIPING. REMOVE EXISTING CURB AND PATCH ROOF TO MATCH EXISTING.
- ② DEMOLISH EXISTING EXHAUST FAN AND ASSOCIATED CONTROLS. REMOVE EXISTING CURB AND PATCH ROOF TO MATCH EXISTING.

**PROJECT INFORMATION**

Project Number  
 R23.00720.00  
 Client Name  
**YORK COUNTY, SC**  
 Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

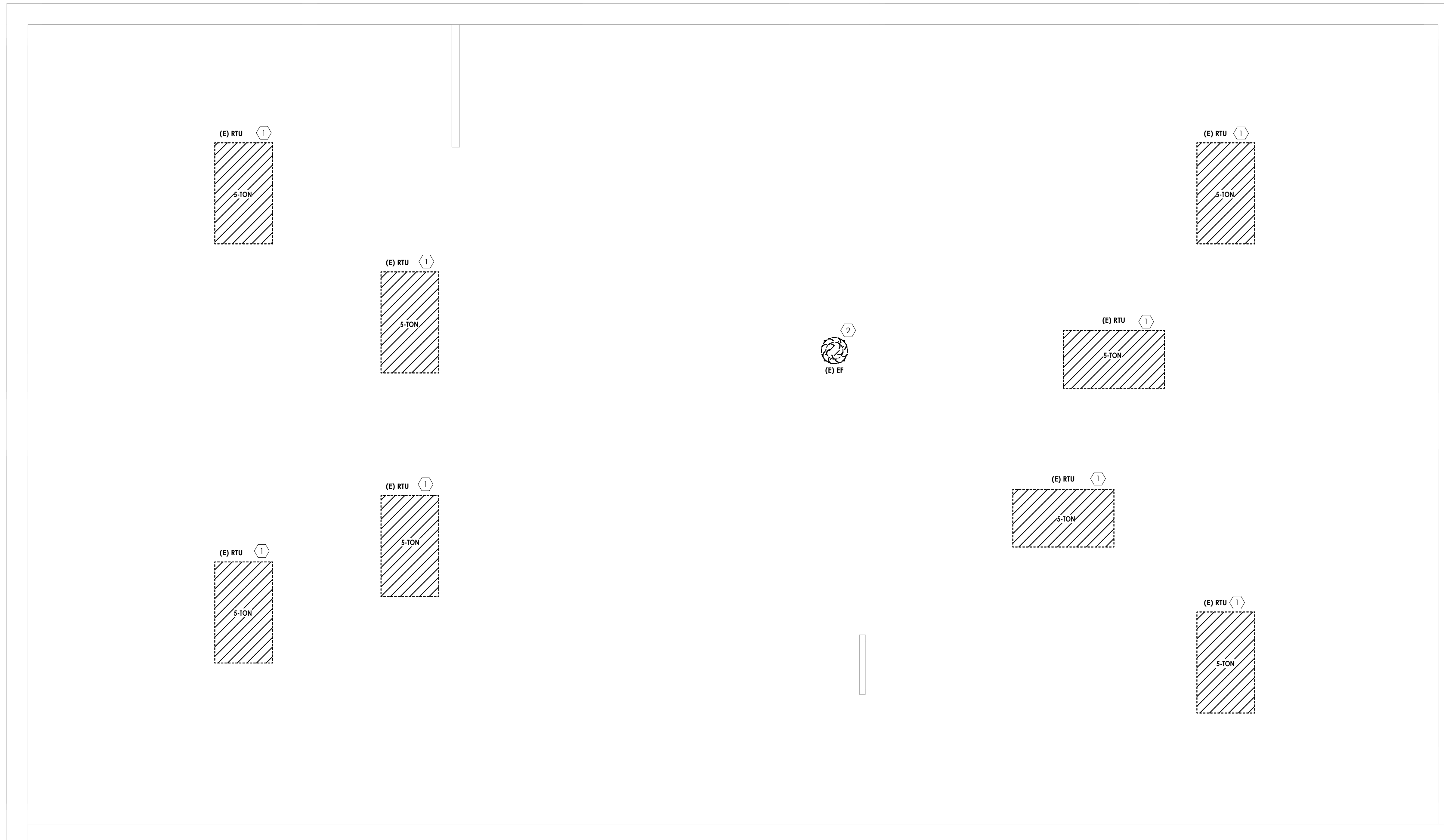
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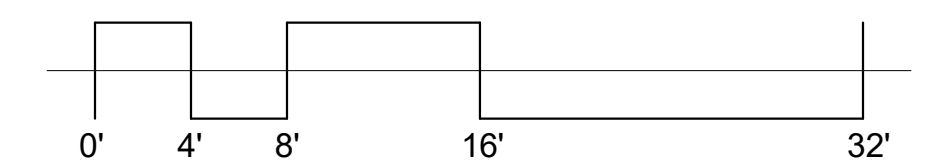


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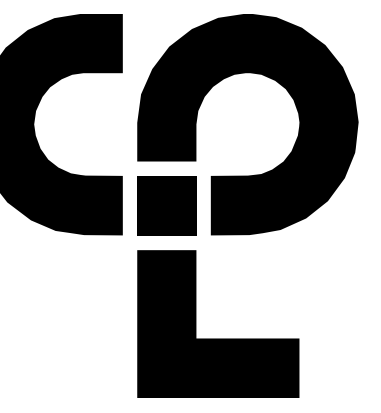
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 Project Status  
 100% CONSTRUCTION DOCUMENTS  
 Drawn By  
 TJB  
 Checked By  
 GFK  
 Drawing Title  
**ROOF HVAC DEMOLITION PLAN**  
 Drawing Number



**1**  
 H102  
 1/4" = 1'-0"  
**ROOF DEMOLITION PLAN**  
 TRUE NORTH



H102



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**GENERAL NOTES**

- BALANCE OUTSIDE AIR FLOW TO EACH FAN COIL UNIT THAT HAS OUTSIDE AIR DUCTED TO IT PER AIRFLOW CFM VALUES ON SCHEDULE.

**KEY NOTES**

- INSTALL DUCTLESS SPLIT SYSTEM INDOOR UNIT ABOVE DOOR. ROUTE CONDENSATE TO HUB DRAIN LOCATED ABOVE CEILING OF BREAKROOM. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- DUCT SMOKE DETECTOR LOCATED IN RETURN DUCT. DUCT DETECTOR PROVIDED AND WIRED BY DIV 26. INSTALLED BY DIV 23.

**PROJECT INFORMATION**

Project Number  
 R23.00720.00  
 Client Name  
**YORK COUNTY, SC**  
 Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Date Description

**PROFESSIONAL STAMPS**

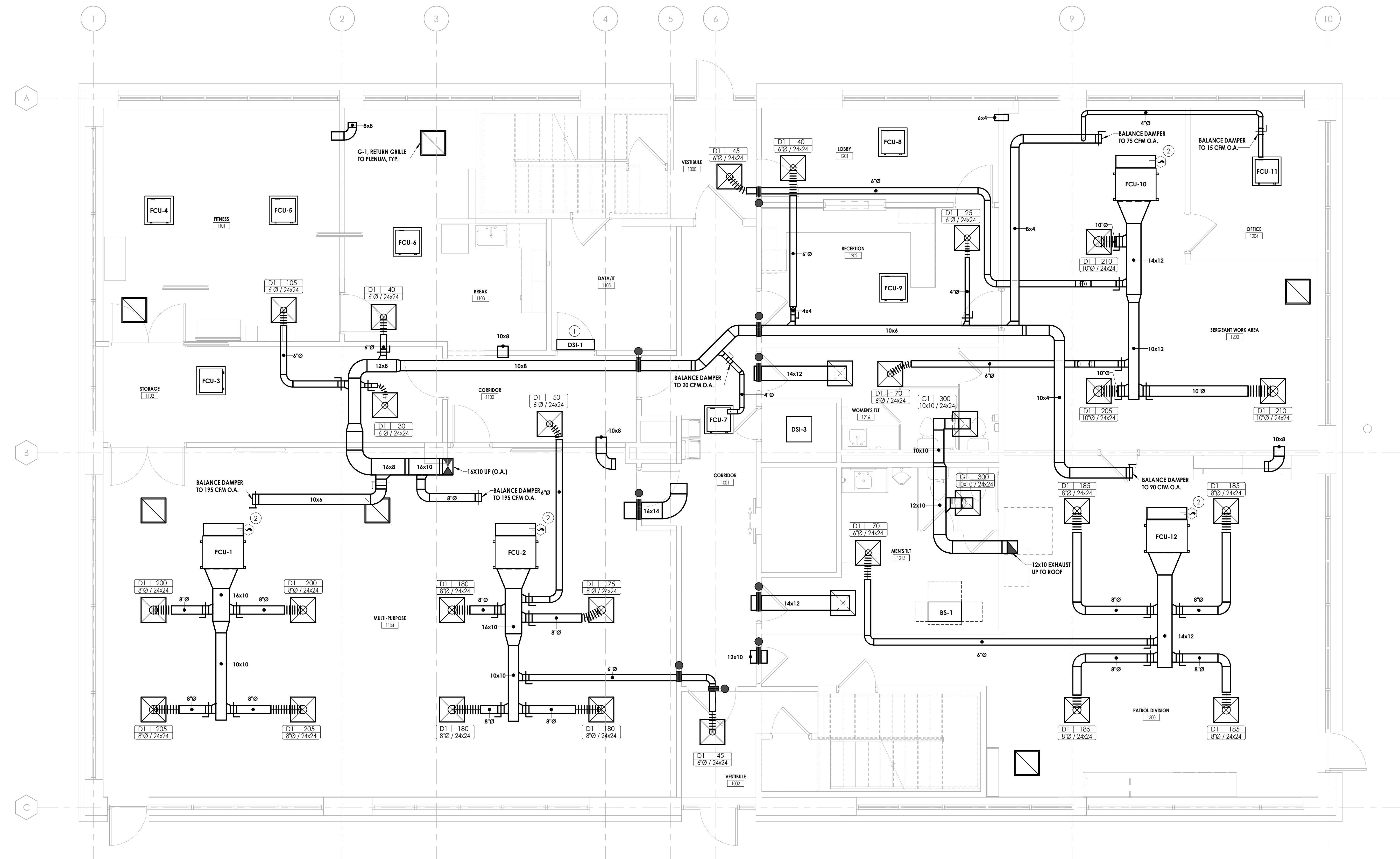


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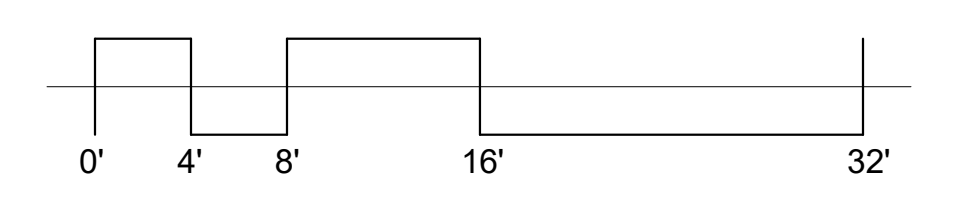
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 Drawn By  
 LBS  
 Checked By  
 GPK  
 Drawing Title  
**FIRST FLOOR HVAC NEW WORK PLAN**

Drawing Number

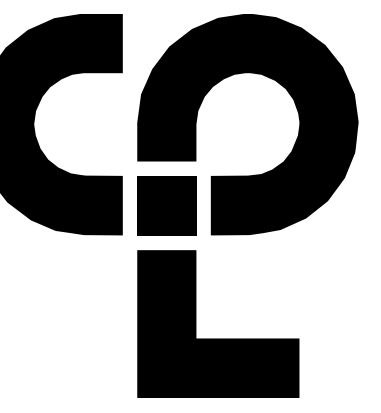
H200



**LEVEL 1 NEW WORK PLAN**  
 1 H200  
 1/4" = 1'-0"  
 TRUE NORTH



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**GENERAL NOTES**

- BALANCE OUTSIDE AIR FLOW TO EACH FAN COIL UNIT THAT HAS OUTSIDE AIR DUCTED TO IT PER AIRFLOW CFM VALUES ON SCHEDULE.

**KEY NOTES**

- INSTALL DUCTLESS SPLIT SYSTEM INDOOR UNIT ABOVE DOOR. ROUTE CONDENSATE TO MOP SINK IN JANITOR'S CLOSET.
- DUCT SMOKE DETECTOR LOCATED IN RETURN DUCT. DUCT DETECTOR PROVIDED AND WIRED BY DIV 26. INSTALLED BY DIV 23.

**PROJECT INFORMATION**

Project Number  
R23.00720.00  
Client Name  
**YORK COUNTY, SC**  
Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Date Description

**PROFESSIONAL STAMPS**

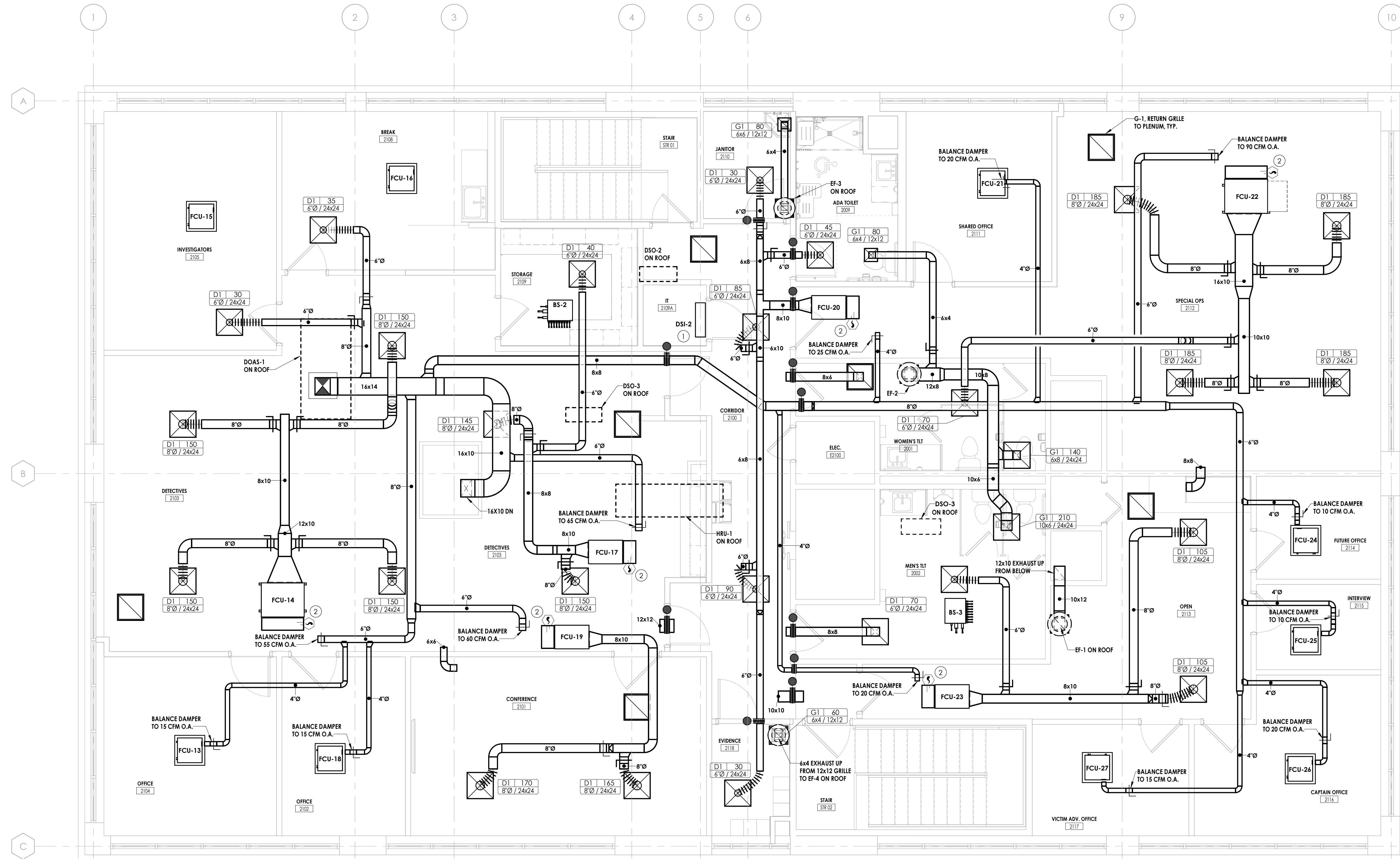


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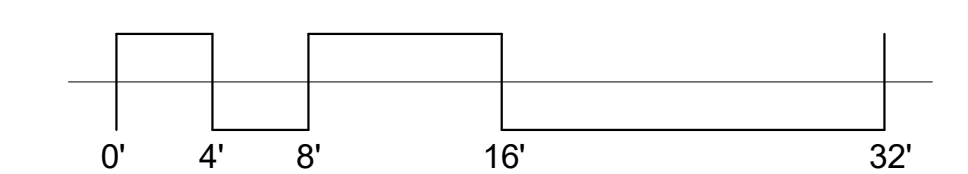
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Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: LBS Checked By: GPK  
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Drawing Number: \_\_\_\_\_

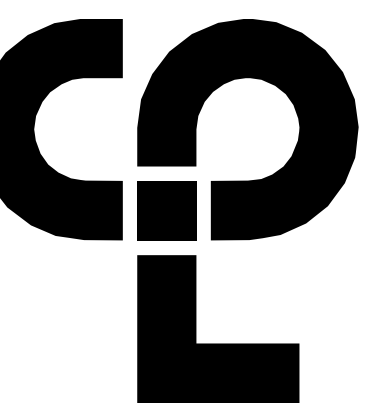
**H201**



**1 LEVEL 2 NEW WORK PLAN**  
1/4" = 1'-0"  
TRUE NORTH



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**PROJECT INFORMATION**

Project Number  
 R23.00720.00  
 Client Name  
**YORK COUNTY, SC**  
 Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

#	Date	Description

**PROFESSIONAL STAMPS**

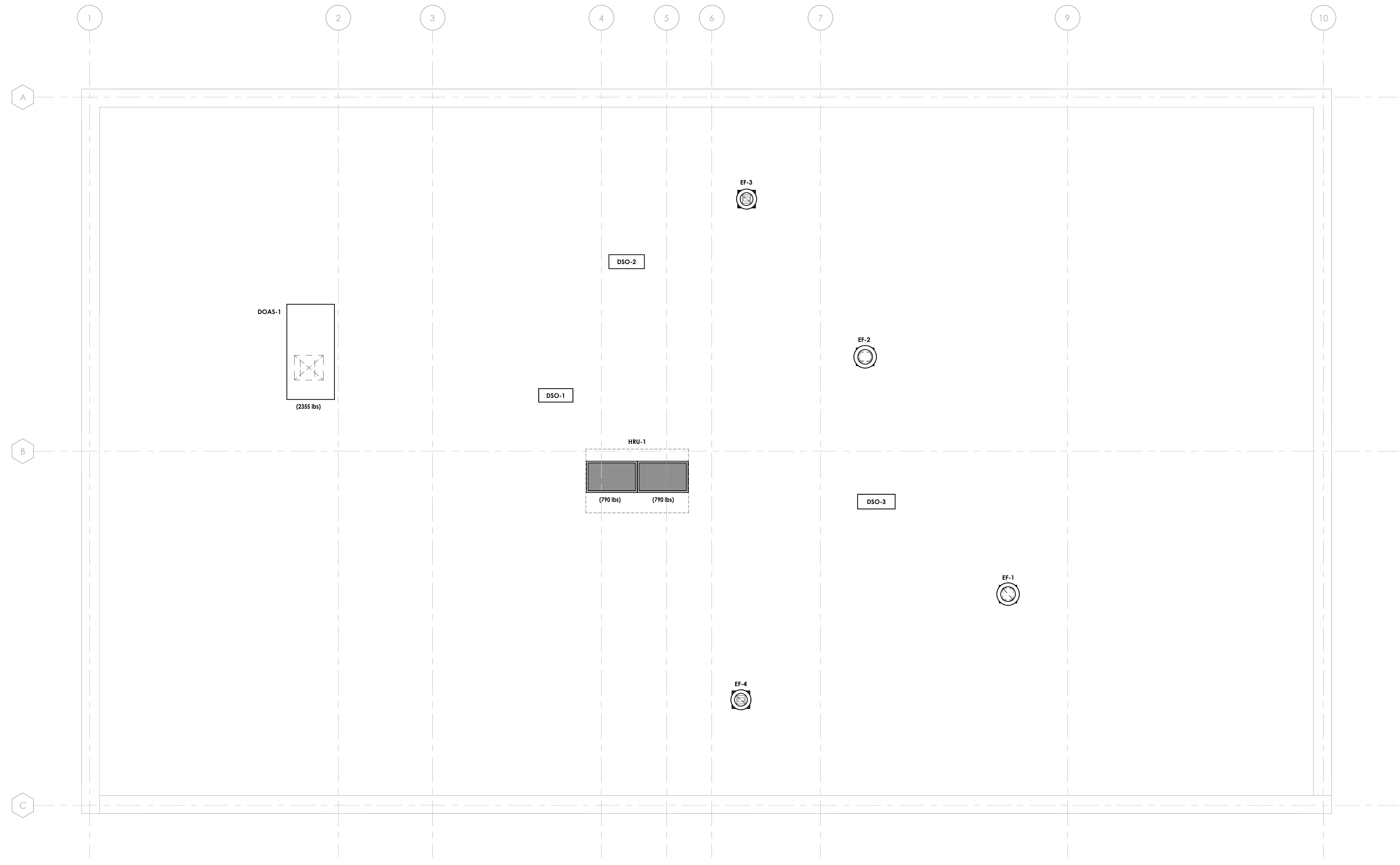


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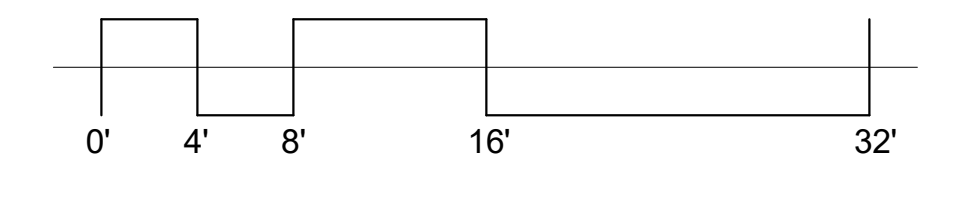
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 05/09/2024  
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 Drawn By  
 LBS  
 Design Title  
**ROOF HVAC NEW WORK PLAN**  
 Scale  
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 Project Status  
 Checked By  
 GPK  
 Drawing Number

Drawing Number

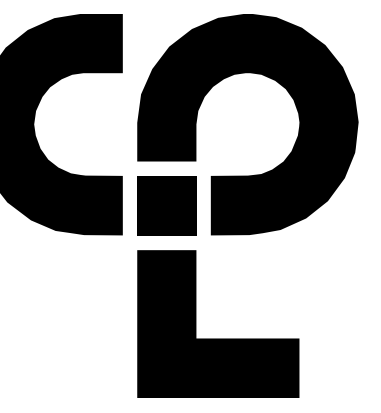
H202



**1**  
 H202  
 1/4" = 1'-0"  
**ROOF NEW WORK PLAN**  
 TRUE NORTH



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**GENERAL NOTES**

1. ALL CONDENSATE PIPING SHALL BE COPPER.
2. PLANS SHOW SCHEMATIC ROUTING OF REFRIGERANT PIPING. REFRIGERANT PIPING SHALL HAVE LIQUID AND SUCTION LINES INSTALLED TO FAN COILS PER MANUFACTURER'S INSTRUCTIONS. REFER TO VRF PIPING SCHEMATIC ON H300.

**PROJECT INFORMATION**

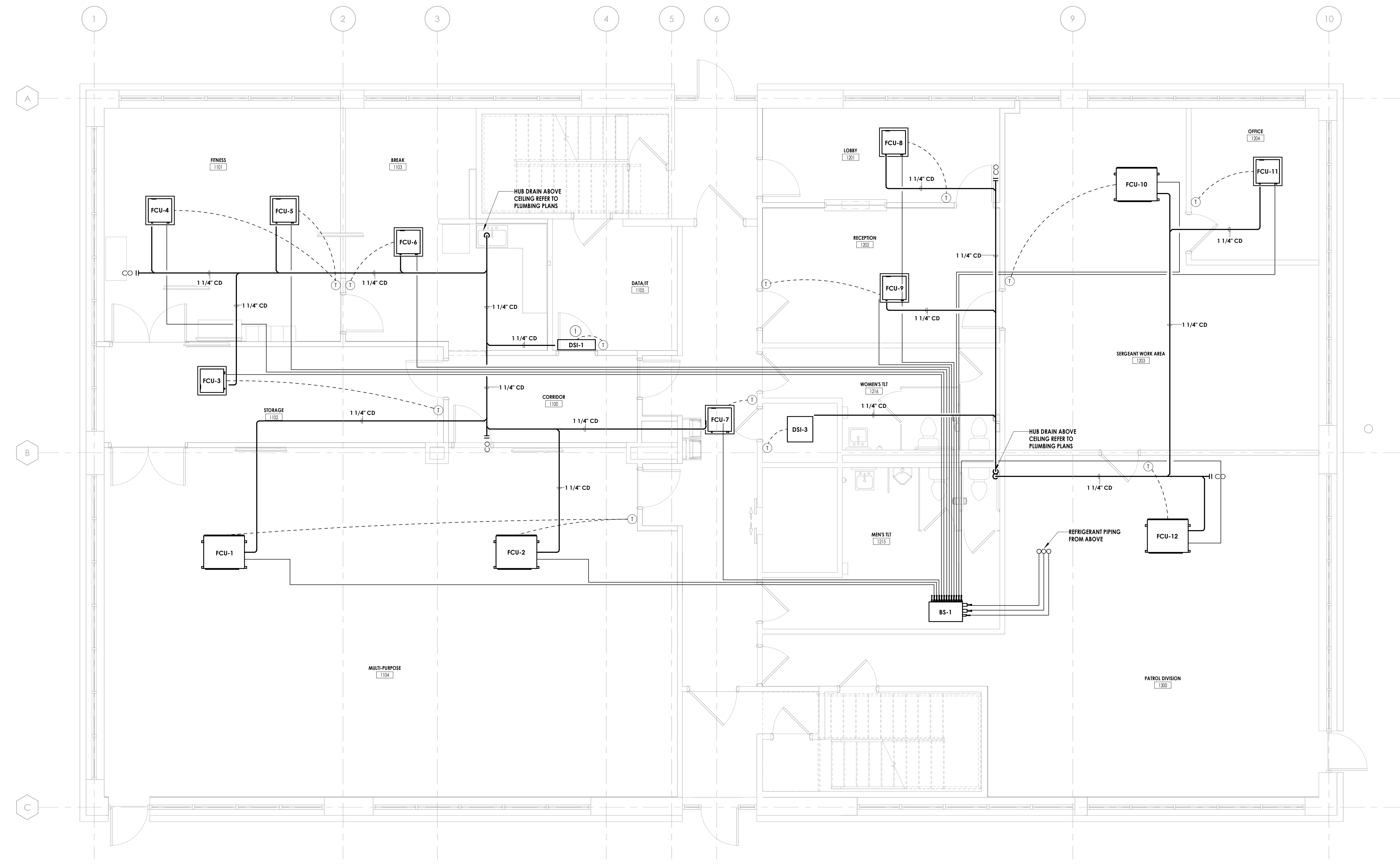
Project Number  
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 Client Name  
**YORK COUNTY, SC**  
 Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
 236 Northpark Drive, Rock Hill, SC 29730

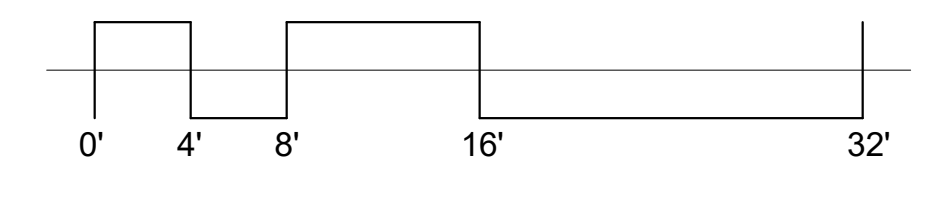
**PROJECT ISSUE & REVISION SCHEDULE**

#	Date	Description

**PROFESSIONAL STAMPS**



**LEVEL 1 NEW WORK HVAC PIPING PLAN**  
 H300 1/4" = 1'-0"  
 TRUE NORTH



**SHEET INFORMATION**

Name: Scale: As indicated  
 Date: 05/09/2024  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
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 Drawing Number:

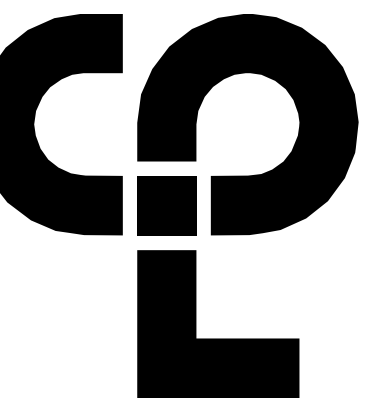
H300

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**GENERAL NOTES**

1. ALL CONDENSATE PIPING SHALL BE COPPER.
2. PLANS SHOW SCHEMATIC ROUTING OF REFRIGERANT PIPING. REFRIGERANT PIPING SHALL HAVE LIQUID AND SUCTION LINES INSTALLED TO FAN COILS PER MANUFACTURER'S INSTRUCTIONS. REFER TO VRF PIPING SCHEMATIC ON H500.



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**PROJECT INFORMATION**

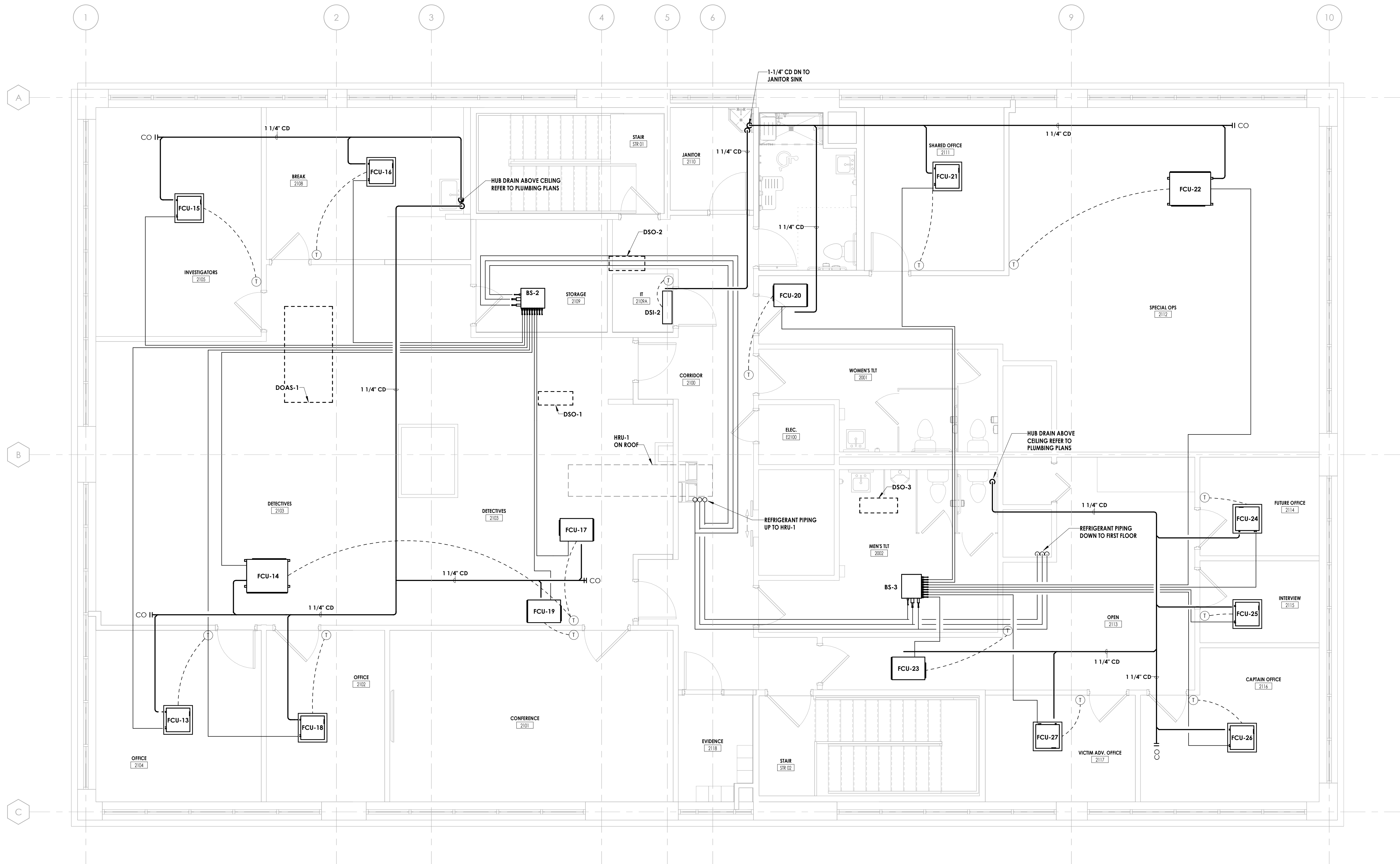
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 Client Name  
**YORK COUNTY, SC**  
 Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
 236 Northpark Drive, Rock Hill, SC 29730

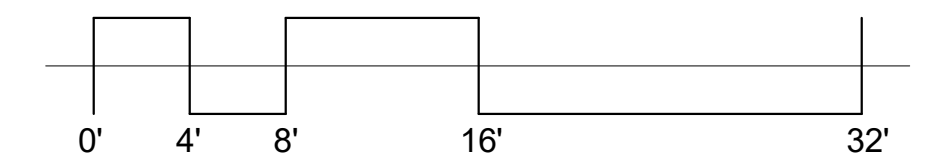
**PROJECT ISSUE & REVISION SCHEDULE**

#	Date	Description

**PROFESSIONAL STAMPS**



**LEVEL 2 NEW WORK HVAC PIPING PLAN**  
 1 H301 1/4" = 1'-0"  
 TRUE NORTH

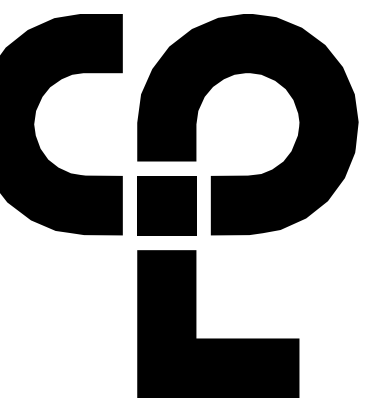


**SHEET INFORMATION**

Name  
 05/09/2024 Scale  
 As indicated  
 Project Status  
 100% CONSTRUCTION DOCUMENTS  
 Drawn By  
 LBS Checked By  
 GPK  
 Drawing Title  
**SECOND FLOOR HVAC PIPING  
 NEW WORK PLAN**

Drawing Number

H301



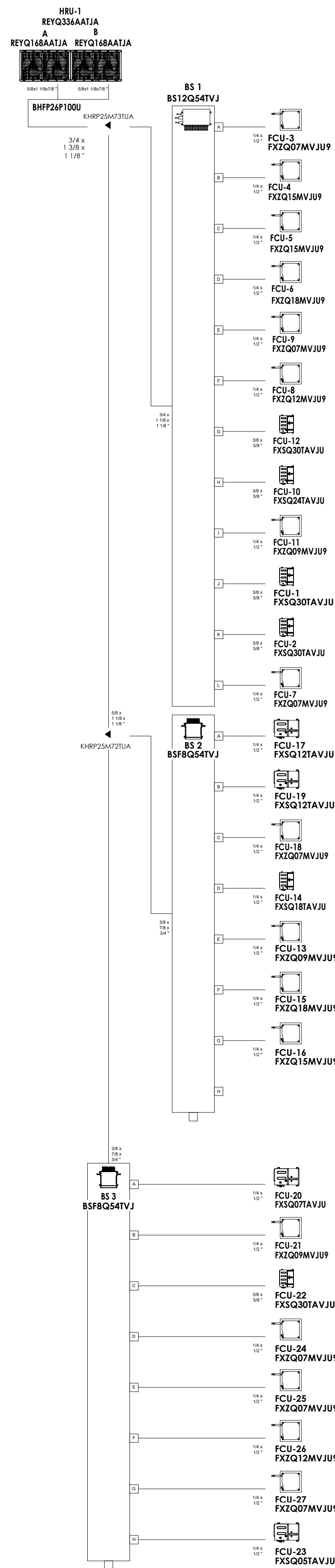
**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

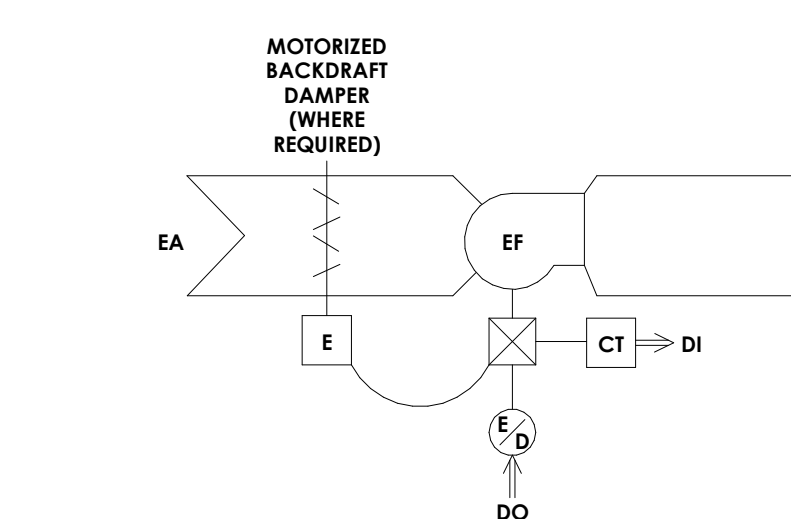
Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

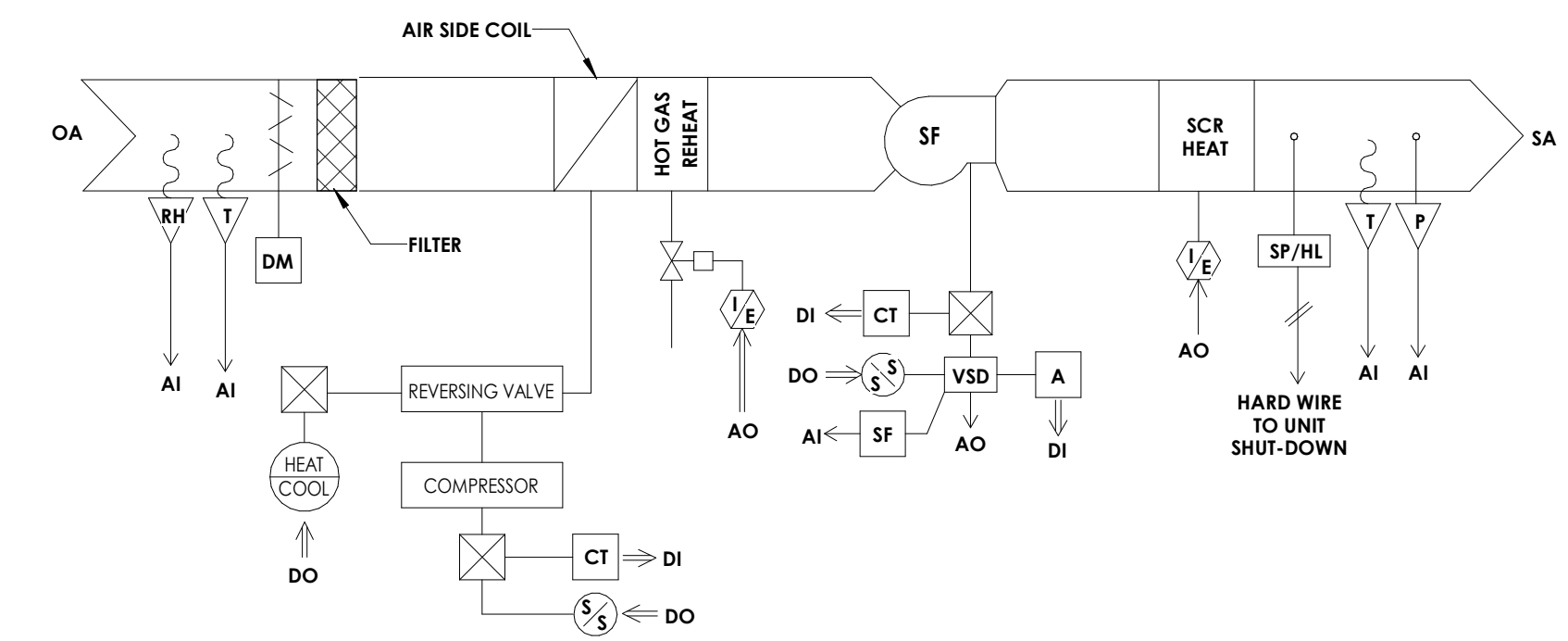
7 Date Description



**6 VRF PIPING SCHEMATIC**  
H500 N.T.S.



**3 EXHAUST FAN CONTROL SCHEMATIC**  
H500 NOT TO SCALE



**DOAS - UNIT SEQUENCE OF OPERATION:**

**EQUIPMENT DESCRIPTION:**

- THE UNIT IS A PACKAGED, ROOFTOP MOUNTED, HEATPUMP DEDICATED OUTSIDE AIR UNIT.
- SUPPLY FAN VARIABLE SPEED DRIVES ARE TO ALLOW BALANCING OF SYSTEMS AND MODULATE TO MAINTAIN PRESSURE FOR DESIGN AIR FLOW.

**OCCUPIED/UNOCCUPIED MODE:**

- THE UNIT SHALL BE PLACED IN THE OCCUPIED/UNOCCUPIED MODE BY SCHEDULE FROM THE BUILDING MANAGEMENT SYSTEM (BMS).

**OCCUPIED MODE:**

- SUPPLY FAN SHALL BE ENERGIZED AND OUTSIDE AIR DAMPER SHALL OPEN IN OCCUPIED MODE.

**UNOCCUPIED MODE:**

- THE OUTSIDE AIR DAMPER SHALL CLOSE AND UNIT SHALL DE-ENERGIZE.

**COOLING SEQUENCE:**

- WHEN THE OUTSIDE AIR DRY BULB TEMPERATURE EXCEEDS THE SPACE TEMPERATURE SETPOINT OF 75°F (ADJ.) AND/OR THE OUTSIDE AIR DEWPOINT EXCEEDS 55°F, THE HEAT PUMP SHALL BE ENERGIZED AND INDEXED TO COOLING MODE. THE HOT GAS REHEAT COIL IS TO MODULATE TO MAINTAIN THE DOAS-1 SUPPLY AIR TEMPERATURE SETPOINT OF 70°F DB (ADJ.)

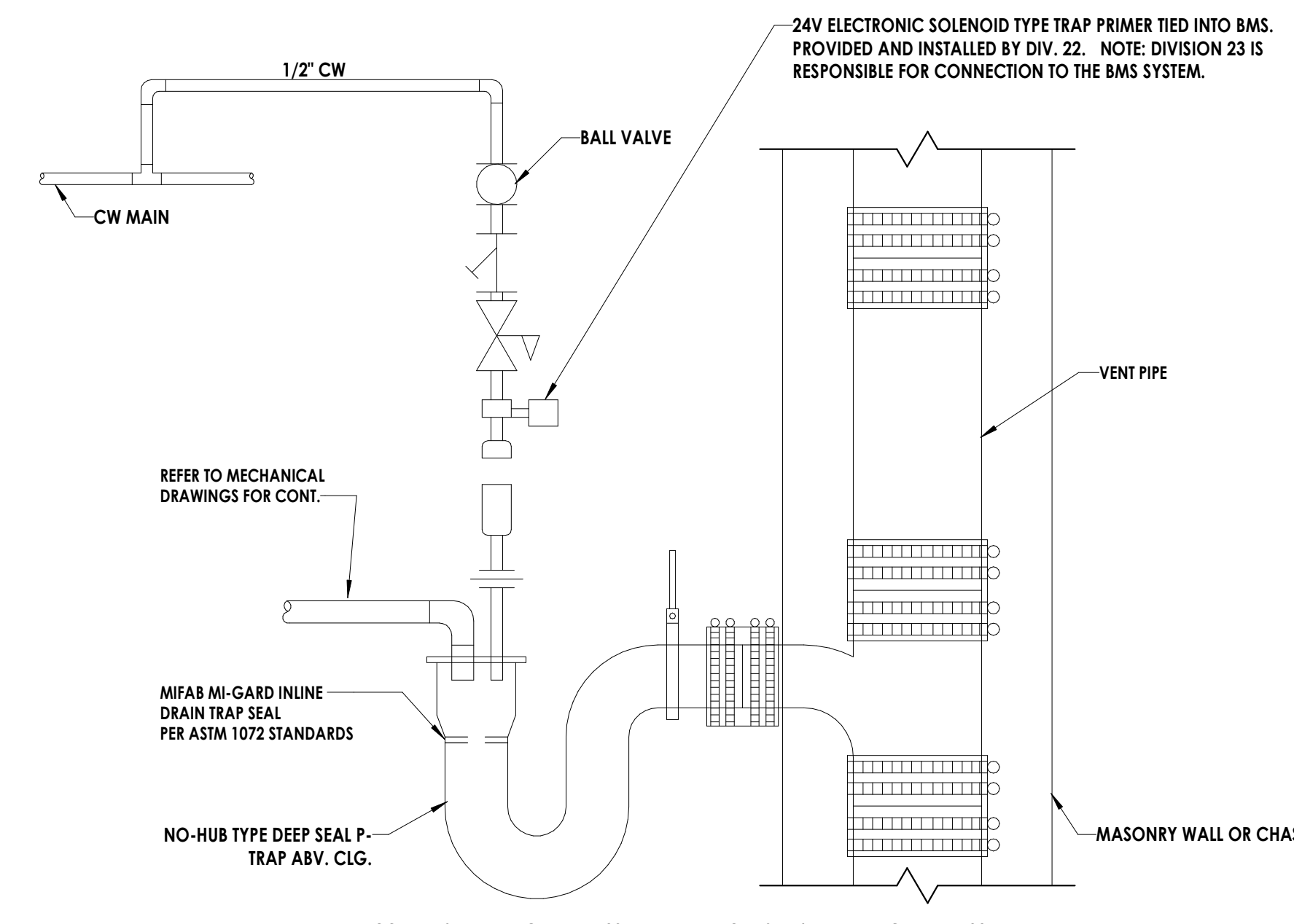
**HEATING SEQUENCE:**

- WHEN THE OUTSIDE AIR TEMPERATURE FALLS BELOW THE SUPPLY AIR TEMPERATURE SETPOINT OF 70°F AND THE OUTSIDE AIR DEWPOINT FALLS BELOW 55°F, THE HEAT PUMP SHALL BE ENERGIZED AND INDEXED TO HEATING MODE. SCR HEAT IS TO MODULATE TO MAINTAIN THE SUPPLY AIR TEMPERATURE OF 70°F (ADJ.)

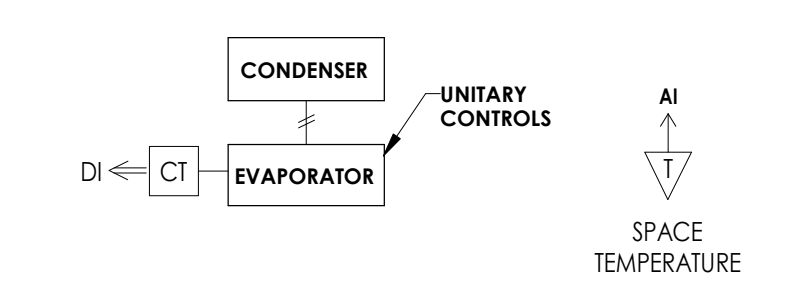
**ALARMS:**

- SUPPLY FAN MOTOR FAILURE
- SUPPLY AIR TEMP HIGH/LOW LIMITS
- GENERAL ALARM
- DIRTY FILTER ALARM

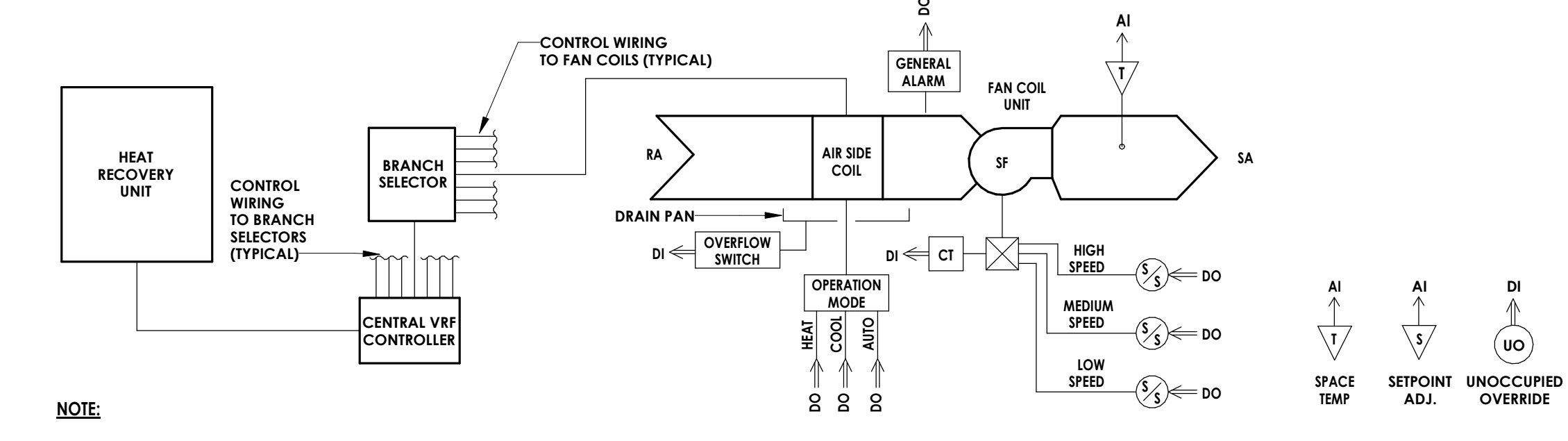
**2 DOAS UNIT CONTROL SCHEMATIC**  
H500 N.T.S.



**5 CONDENSATE P-TRAP HVAC DETAIL**  
H500 NOT TO SCALE



**4 SPLIT SYSTEM CONTROL DIAGRAM**  
H500 N.T.S.



**NOTE:**

POINTS CONTROLLED BY VRF SYSTEM SHALL INCLUDE:

- COMPRESSOR ON/OFF
- COMPRESSOR SPEED CONTROL
- OIL RETURN
- DEFROST
- ELECTRONIC EXPANSION VALVE MODULATION
- ALARMS REPORTING
- ADDITIONAL PROPRIETARY POINTS AS REQUIRED TO FACILITATE FULL VRF SYSTEM CONTROL

POINTS CONTROLLED AND MONITORED BY BMS:

- SPACE SETPOINT ADJUSTMENT
- TIME OF DAY SCHEDULING
- GENERAL ALARMS
- DISCHARGE AIR TEMPERATURE SENSOR

**SEQUENCE OF OPERATION:**

THE BMS SYSTEM SHALL PROVIDE LIMITED MONITORING AND CONTROL OF THE VRF SYSTEM. TIME OF DAY SCHEDULING SHALL BE DETERMINED BY THE BMS SYSTEM.

**OCCUPIED MODE:**

- THE FAN COIL SUPPLY FAN SHALL BE ENABLED AND RUN CONTINUOUSLY DURING THE OCCUPIED MODE.
- ON A RISE IN SPACE TEMPERATURE ABOVE 75°F (ADJ.), THE FAN COIL OPERATION MODE SHALL BE INDEXED TO COOLING. ON A FALL IN SPACE TEMPERATURE BELOW SETPOINT, THE REVERSE SHALL OCCUR.
- ON A FALL IN SPACE TEMPERATURE BELOW 70°F (ADJ.), THE FAN COIL OPERATION MODE SHALL BE INDEXED TO HEATING. ON A RISE IN SPACE TEMPERATURE ABOVE SETPOINT, THE REVERSE SHALL OCCUR.

**UNOCCUPIED MODE:**

- THE FAN COIL SHALL BE DE-ENERGIZED. IF THE SPACE TEMPERATURE DEVIATES OUTSIDE THE HEATING OR COOLING NIGHT SETBACK SETTINGS, THE FAN COIL SHALL BE ENERGIZED AND SHALL BE INDEXED TO HEATING OR COOLING AS REQUIRED TO MAINTAIN SETPOINT.

**CONDENSATE OVERFLOW SWITCH:**

- IF THE CONDENSATE OVERFLOW SWITCH IS ACTIVATED, THE FAN COIL SHALL BE DE-ENERGIZED AND AN ALARM SHALL BE SENT TO THE CONTROLLER.

**DUCT SMOKE DETECTOR:**

- UPON ACTIVATION OF THE RETURN DUCT MOUNTED SMOKE DETECTOR, THE FCU IS TO SHUT-DOWN.

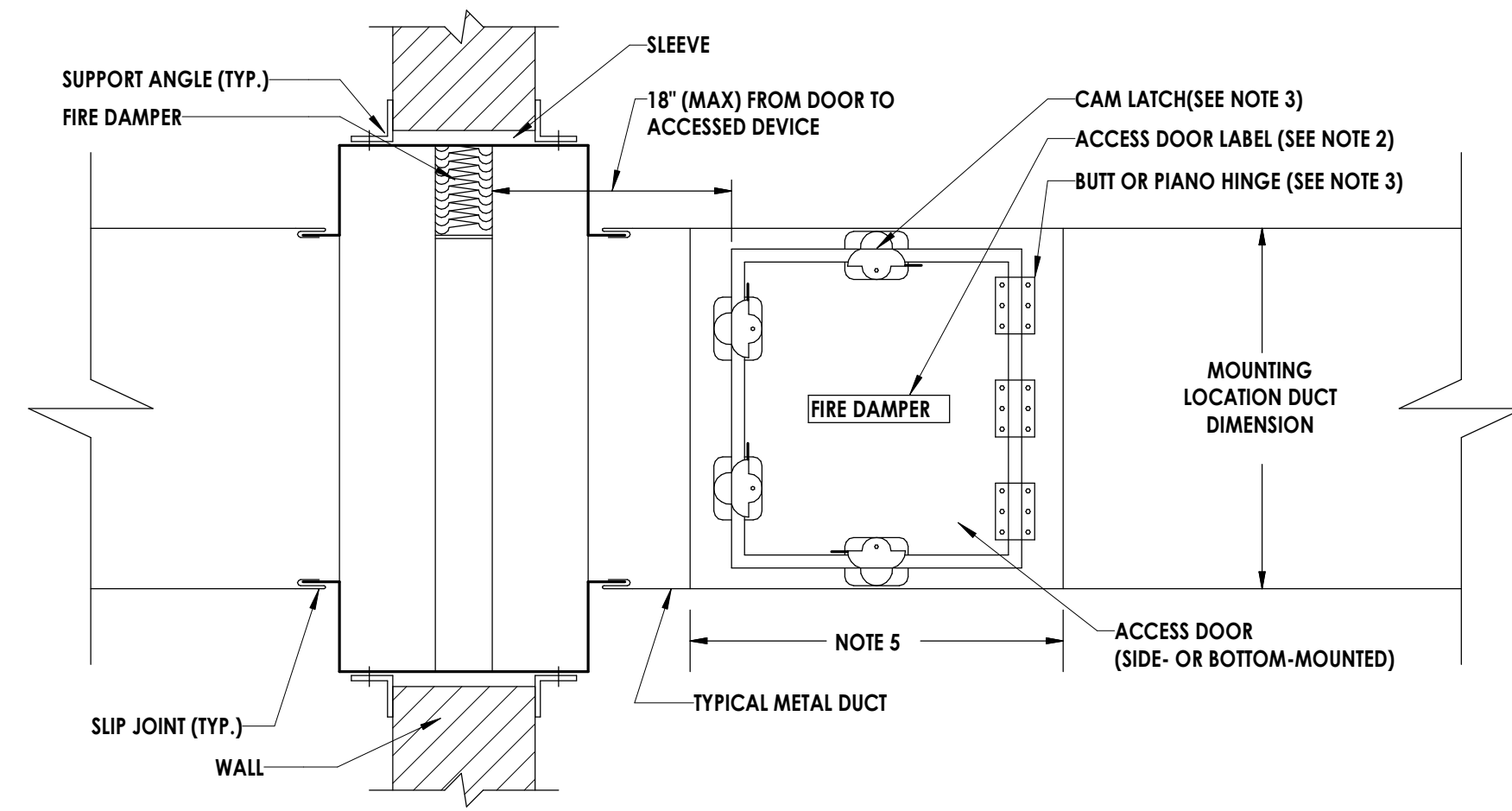
**1 VRF SYSTEM CONTROL DIAGRAM**  
H500 NOT TO SCALE

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: Date: 05/09/2024 Scale: As Indicated  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: LBS Checked By: GAK  
Drawing Title: HVAC CONTROLS SCHEMATICS

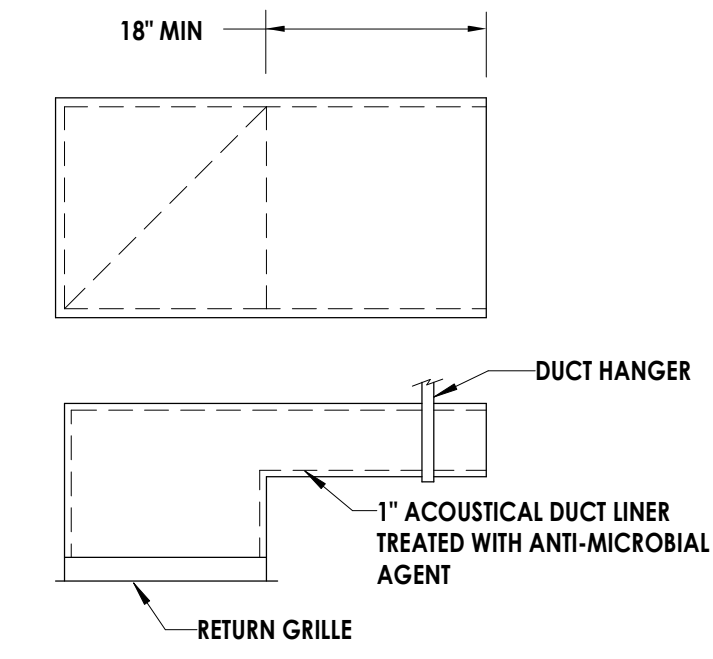


**NOTES:**

1. LOCATE ACCESS DOOR ON THE ACTUATOR, LATCH RELEASE OR FUSIBLE LINK SIDE OF ALL FIRE, SMOKE AND FIRE/SMOKE DAMPERS.
2. PROVIDE PERMANENT LABEL WITH 1/2" HIGH (MINIMUM) LETTERING. REFER TO SPECIFICATION SECTION "MECHANICAL IDENTIFICATION" FOR ADDITIONAL INFORMATION.
3. REFER TO SPECIFICATION SECTION "DUCT ACCESSORIES" FOR ACCESS DOOR HINGE AND CAM LATCH QUANTITIES AND CONFIGURATIONS. NOTE: CAM LATCHES SHALL BE PROVIDED ON ALL SIDES AT LOCATIONS WHERE A HINGED ACCESS DOOR IS UNABLE TO OPEN A MINIMUM OF 90 DEGREES.
4. REFER TO THE TABLE FOR APPROPRIATE ACCESS DOOR SIZE BASED ON THE MOUNTING LOCATION DUCT HEIGHT (SIDE-MOUNTED) OR DUCT WIDTH (BOTTOM-MOUNTED).
5. ACCESS DOORS LESS THAN 18"x18" SERVING FIRE, SMOKE OR FIRE/SMOKE DAMPERS SHALL BE LOCATED IN A REMOVABLE SECTION OF DUCT. INCLUDE "REMOVABLE DUCT" SUPPLEMENTAL LABELING.
6. MOUNTING LOCATIONS HAVING A DUCT DIMENSION LESS THAN 8" SHALL BE PROVIDED WITH TRANSITIONS AS REQUIRED TO PROVIDE A 6"x6" ACCESS DOOR.
7. INSTALL FIRE DAMPER PER MANUFACTURER'S INSTRUCTIONS.

MOUNTING LOCATION DUCT DIMENSION	DOOR SIZE
UP TO 8"	6"x6"
10"	8"x8"
12"	10"x10"
14"	12"x12"
16"	14"x14"
18"	16"x16"
20" - 42"	18"x18"

NOTE: REFER TO "RECTANGULAR DUCT ACCESS DOOR ARRANGEMENT DETAIL" FOR MOUNTING LOCATION DUCT DIMENSIONS GREATER THAN 42"

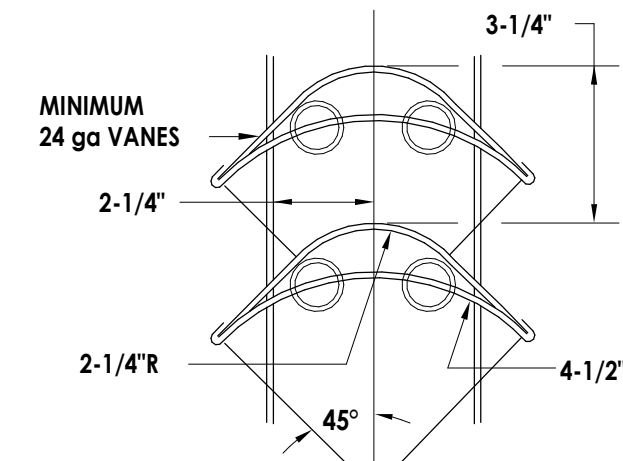


**NOTES:**

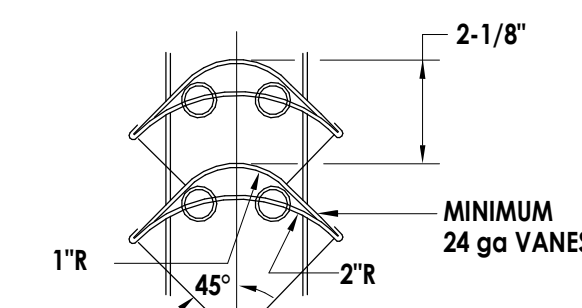
1. COORDINATE HEIGHT OF DUCT ROOT TO AVOID INTERFERENCE WITH LIGHTS, JOISTS AND OTHER DUCTS.
2. DUCT BOOTS SHALL BE PROVIDED FOR ALL OPEN RETURN AIR GRILLES EVEN IF NOT SHOWN ON THE DRAWINGS.

**11 RETURN BOOT DETAIL**  
 H800 N.T.S.

**10 FIRE DAMPER & ACCESS DOOR DETAIL**  
 H800 N.T.S.

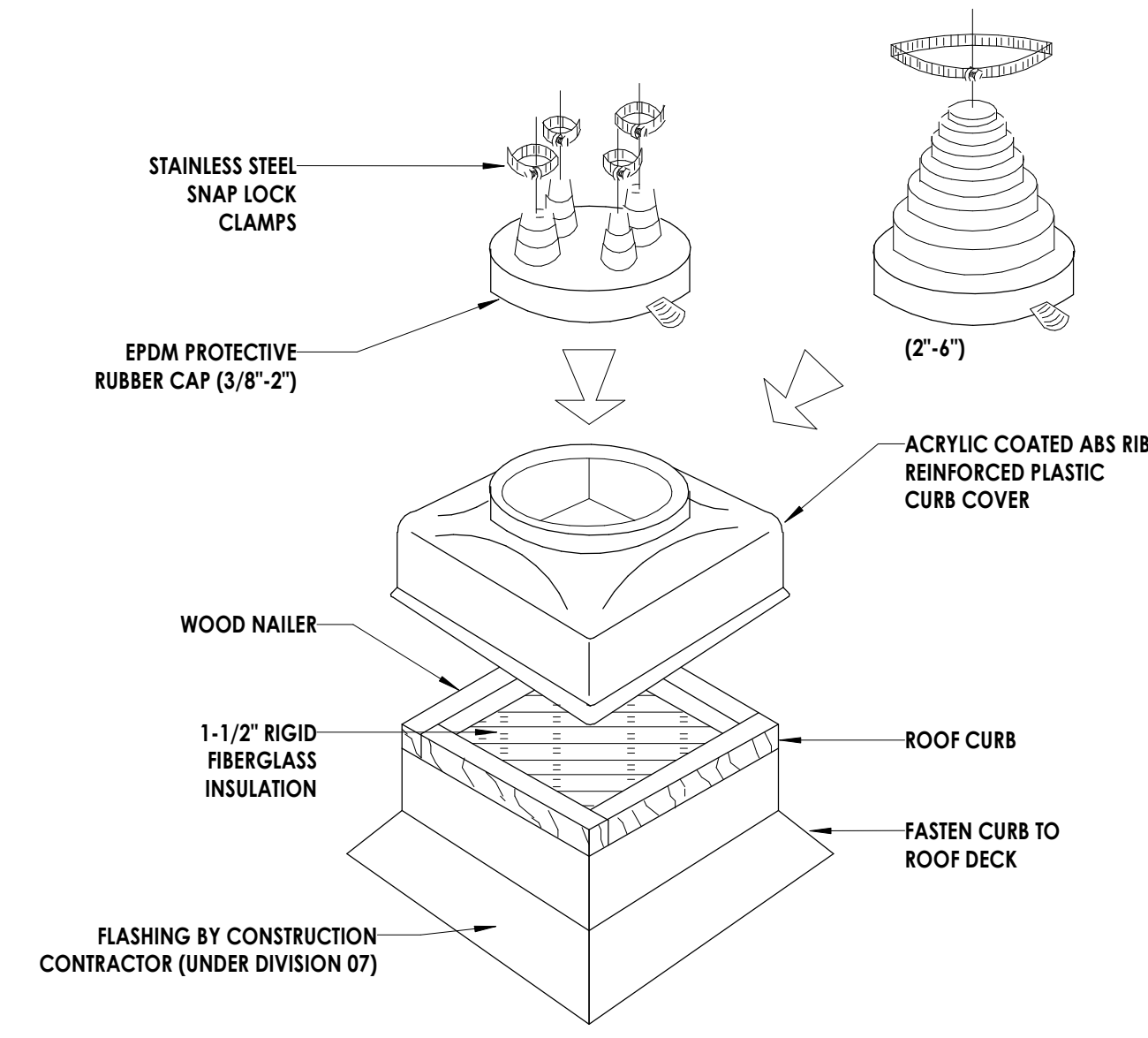


**VANES FOR SQUARE THROAT ELBOWS OVER 20" WIDE**

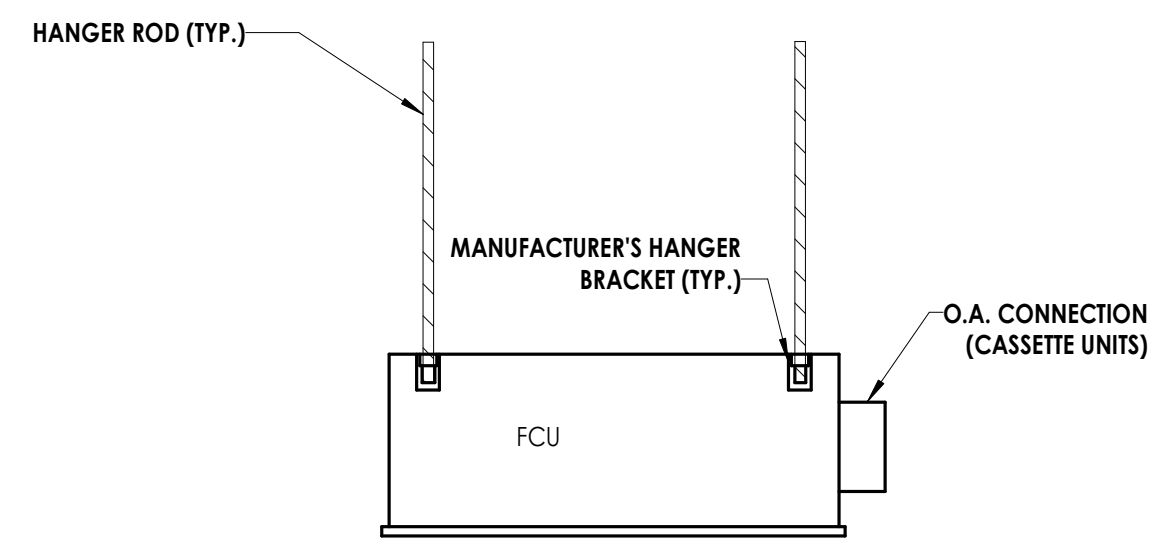


**VANES FOR SQUARE THROAT ELBOWS THRU 20" WIDE**

**9 TURNING VANES**  
 H800 N.T.S.

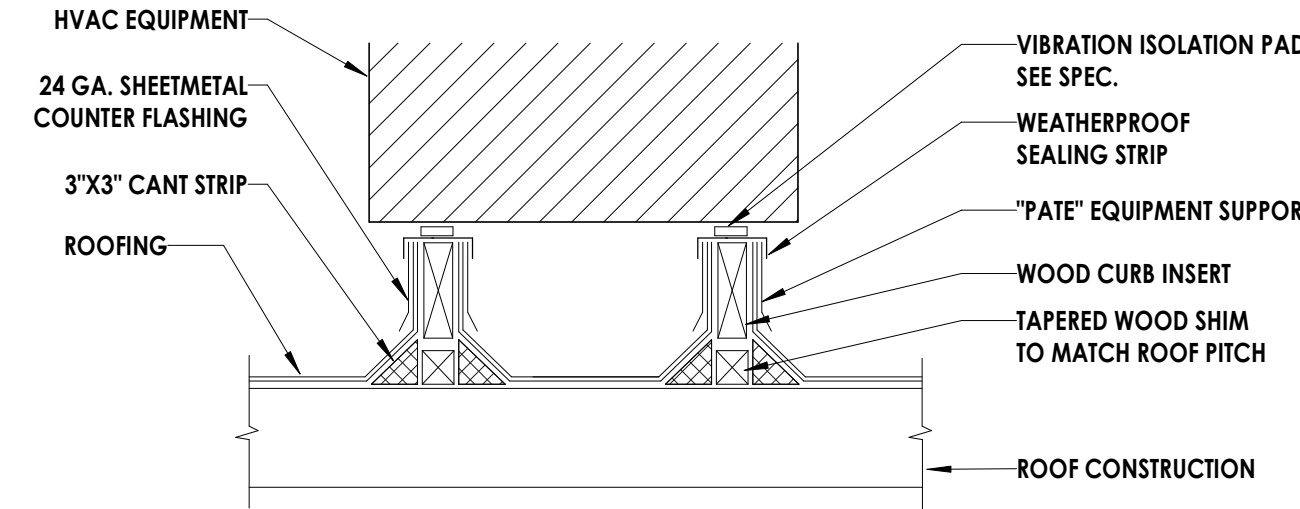


**8 PIPE PORTAL DETAIL**  
 H800 NOT TO SCALE

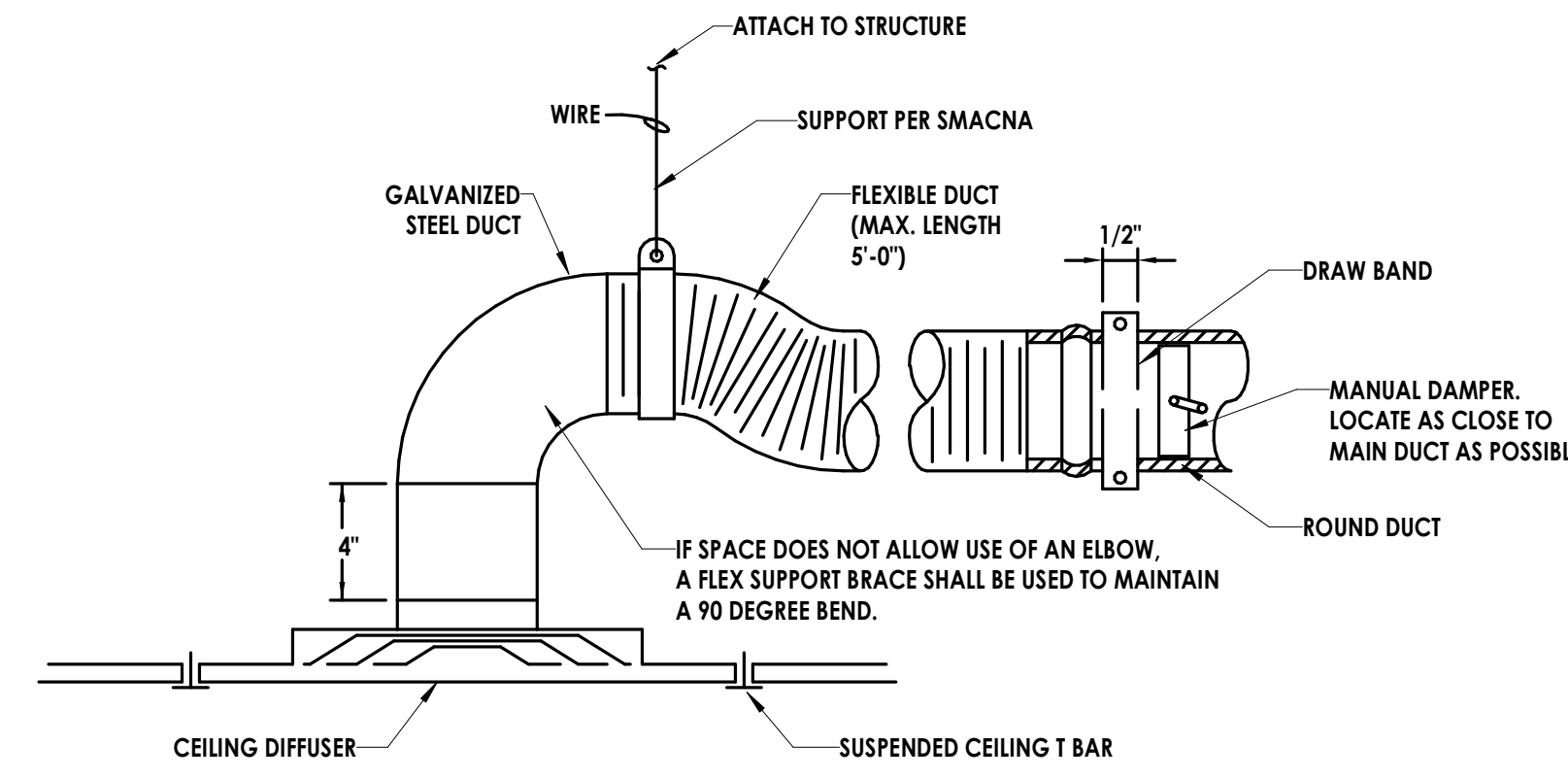


- NOTE:**
1. MAINTAIN MANUFACTURER'S REQUIRED ACCESS CLEARANCE FOR ALL CONTROL PANELS.

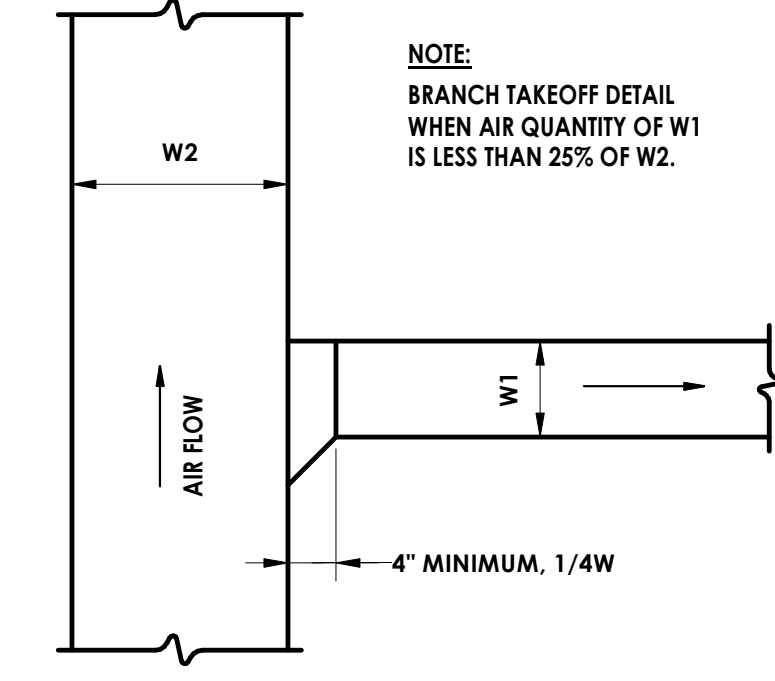
**7 FCU UNIT INSTALLATION DETAIL**  
 H800 NOT TO SCALE



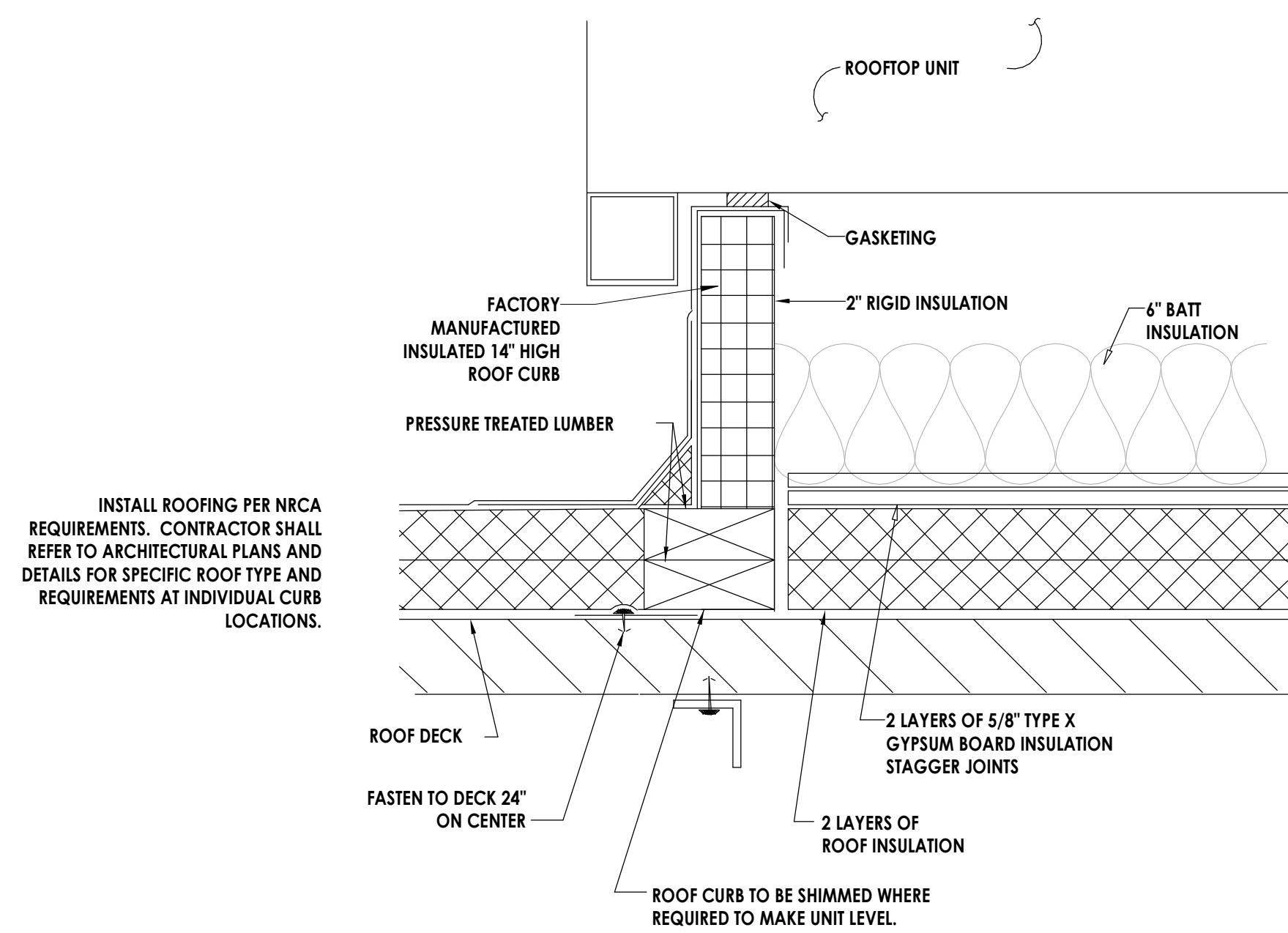
**6 EQUIPMENT BASE**  
 H800 NOT TO SCALE



**5 DIFFUSER DETAIL**  
 H800 NOT TO SCALE

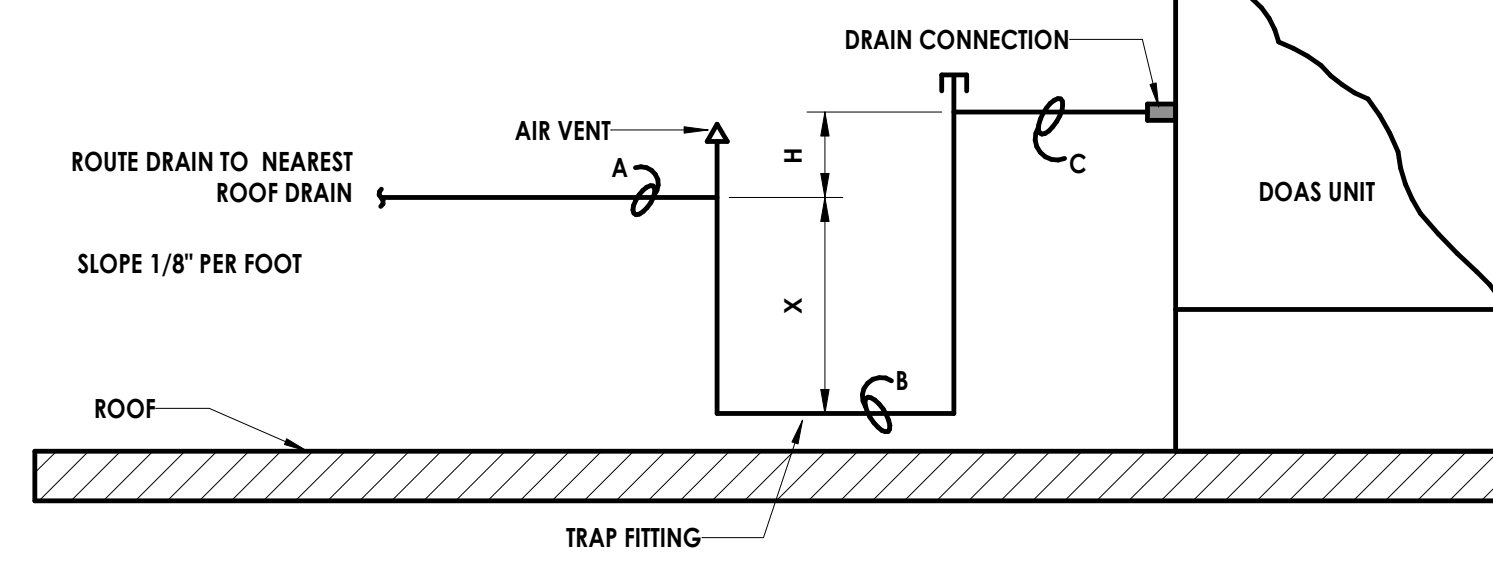


**4 BRANCH TAKE-OFF DETAIL**  
 H800 NOT TO SCALE



INSTALL ROOFING PER NRCA REQUIREMENTS. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND DETAILS FOR SPECIFIC ROOF TYPE AND REQUIREMENTS AT INDIVIDUAL CURB LOCATIONS.

**3 ROOF CURB DETAIL**  
 H800 NOT TO SCALE

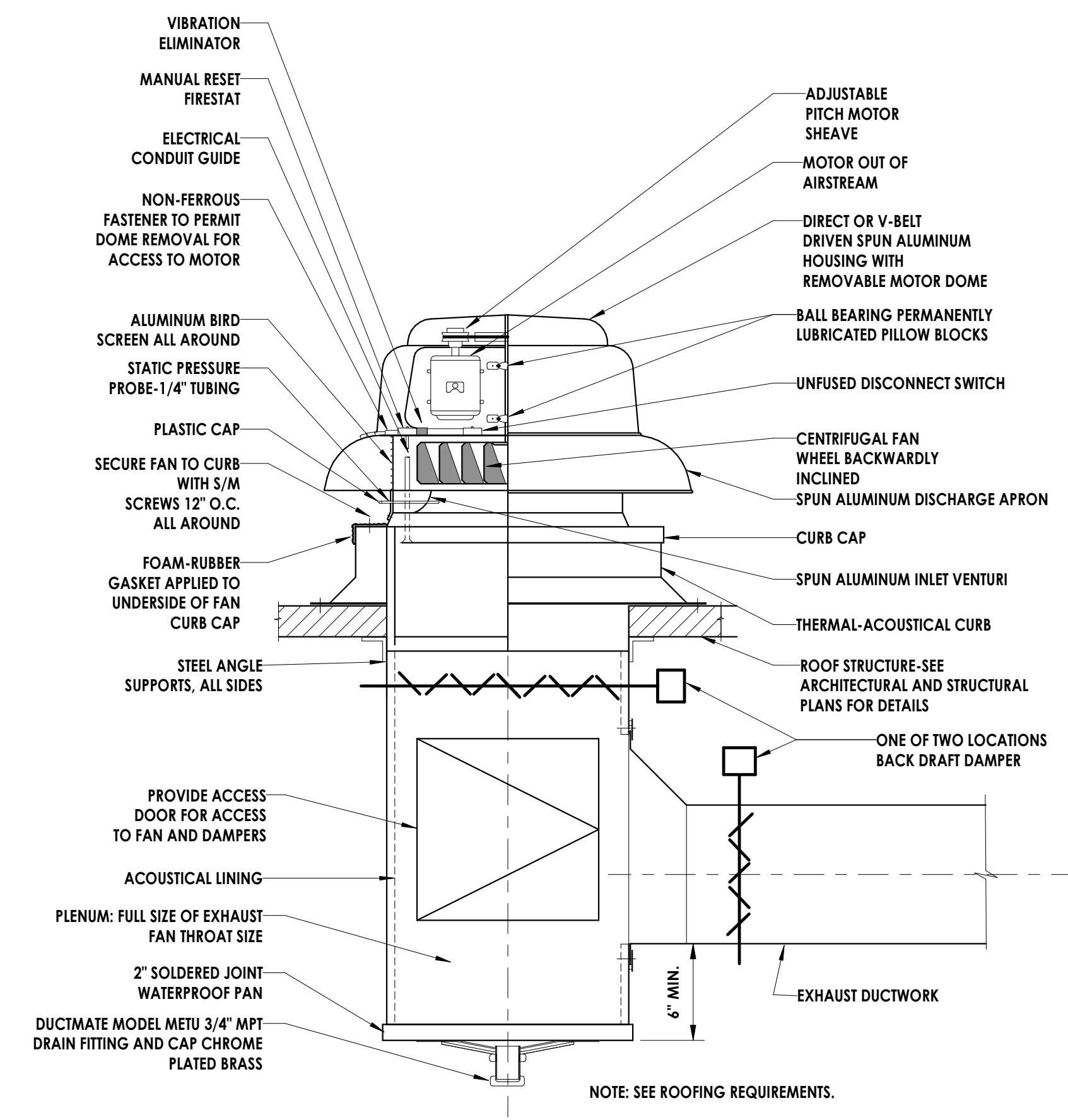


TOTAL TRAP HEIGHT =  $X + H + (1/2 \times \text{PIPE DIAMETER})$   
 = B.O.P. AT A TO T.O.P. AT C.  
 $X$  = B.O.P. AT A TO T.O.P. AT B  
 $H$  = B.O.P. AT A TO T.O.P. AT C  
**POSITIVE STATIC PRESSURES:**  
 $X$  = AT LEAST 1" PLUS CASING STATIC PRESSURE  
 $H$  = AT LEAST 1"  
**NEGATIVE STATIC PRESSURES:**  
 $X$  = 1/2H  
 $H$  = AT LEAST 1" PLUS CASING STATIC PRESSURE  
 B.O.P. = BOTTOM OF PIPE  
 T.O.P. = TOP OF PIPE

**NOTE:**

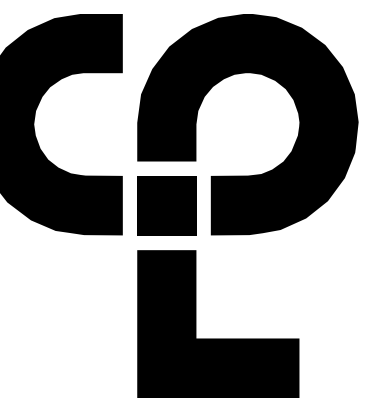
DRAIN PIPING SHALL BE MINIMUM UNIT CONNECTION SIZE. UNITS 25 TONS AND LARGER SHALL HAVE DRAIN SIZE ONE PIPE SIZE LARGER THAN DRAIN CONNECTION.

**2 DOAS UNIT CONDENSATE DRAIN DETAIL**  
 H800 NOT TO SCALE



**1 EXHAUST FAN DETAIL**  
 H800 NOT TO SCALE





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**PROJECT INFORMATION**

Project Number: R23.00720.00  
 Client Name: YORK COUNTY, SC

Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

1 07/03/2024 JUNE ROCK HILL COMMENTS

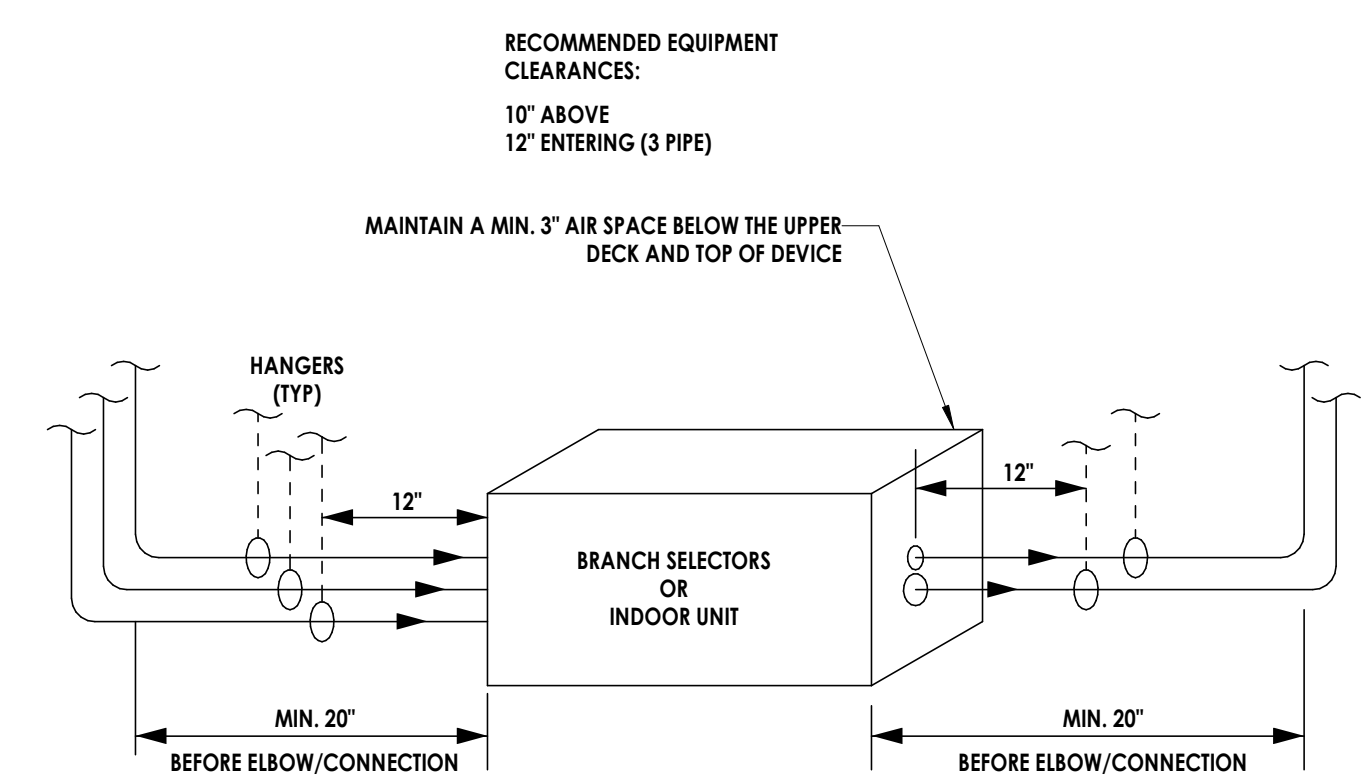
**PROFESSIONAL STAMPS**



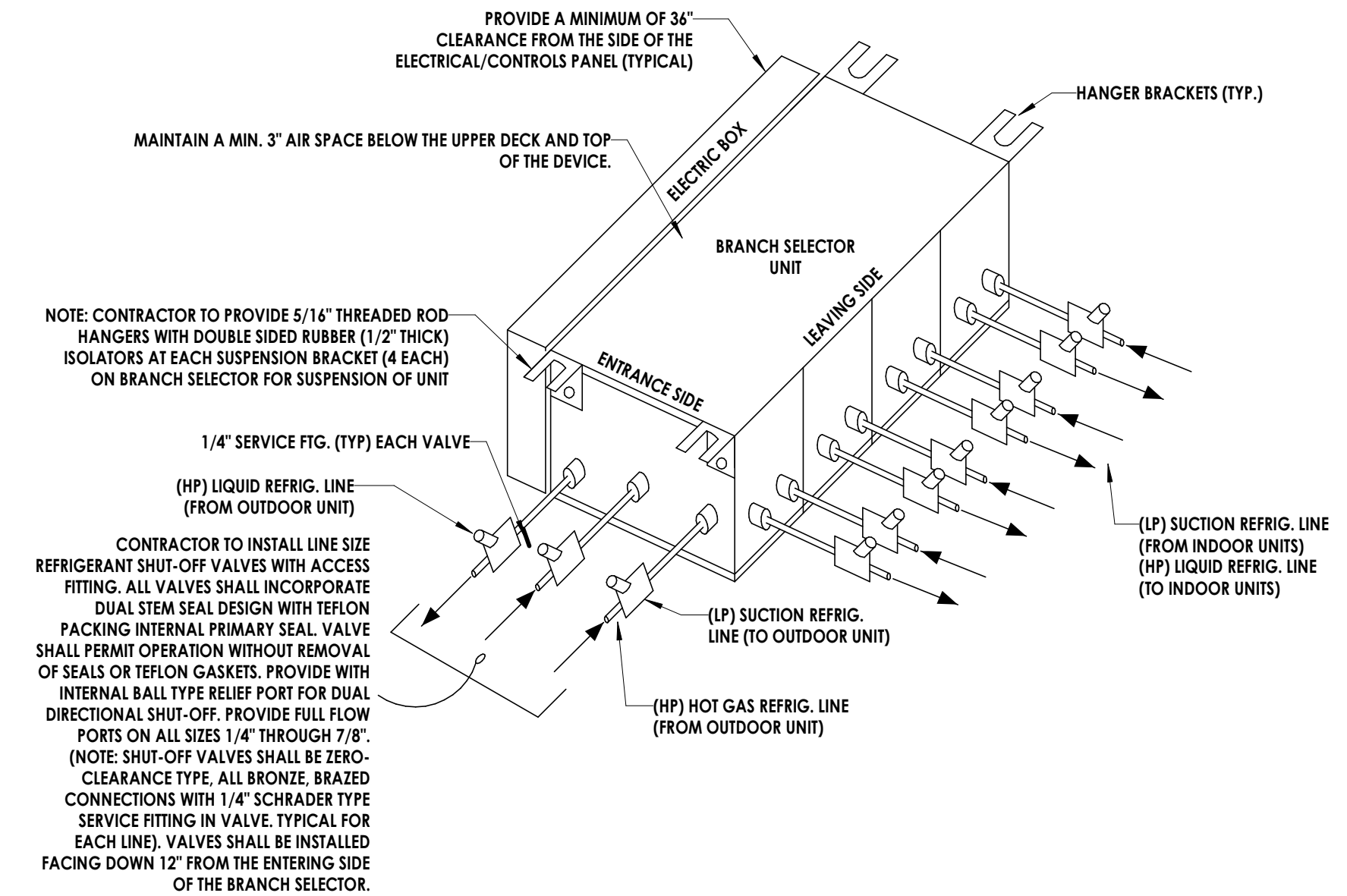
**SHEET INFORMATION**

Date: 05/09/2024 Scale: NOT TO SCALE  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: LBS Checked By: GPK  
 Drawing Title: DETAILS CONTINUED

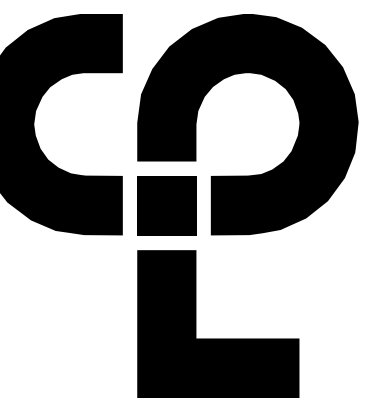
Drawing Number: H801



2 VRF BRANCH SELECTOR AND INDOOR UNIT CONNECTION DETAIL  
 H801 NOT TO SCALE



1 MULTI-PORT BRANCH SELECTOR PIPING DETAIL  
 H801 NOT TO SCALE



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DEDICATED OUTDOOR AIR UNIT (DOAS) SCHEDULE																															
MARK	MANUFACTURER	MODEL	SPACE SERVED	SUPPLY CFM	EXTERNAL S.P.	FAN RPM	OPERATING (HP)	MOTOR HP	HEATPUMP COOLING				AMBIENT TEMP	REFRIGERANT	EER	COMPRESSOR TYPE	COMPRESSOR QUANTITY	HEAT PUMP HEATING			ELECTRIC HEATING				WEIGHT (LBS)	REMARKS					
									E.A.T (DB/WB)	L.A.T. COIL (DB/WB)	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)						E.A.T. (F)	L.A.T. (F)	AMBIENT TEMP	HEATING STAGE	KW	MBH	E.A.T.			L.A.T.	UNIT MCA (AMP)	UNIT MOCP	UNIT VOLTAGE/PHASE	
DOAS-1	GREENHECK	RV-25-7.5A1-E1	1ST & 2ND FLOOR	1315	0.75	1541	0.29	1.0	94.7/74.5	53.8/53.7	94.5	59.2	95.0	R410A	12.0	INVERTOR SCROLL	1	94.5	20.3	54.1	20.3	SCR	20.4	69.6	20.3	69.3	100.7	110.0	208/3	2355	ALL

REMARKS:  
1. PROVIDE WITH DISCONNECT.  
2. PROVIDE MANUFACTURER'S RECOMMENDED VIBRATION ISOLATION ROOF CURB.  
3. PROVIDE WITH MODULATING HOT GAS REHEAT.  
4. PROVIDE SUPPLY FAN WITH VFD OR ECM MOTOR.  
5. PROVIDE WITH BACNET COMPATIBLE CONTROLLER TO ENABLE DOAS UNIT TO BE CONTROLLED AND MONITORED BY BMS.  
6. UNIT SHALL DISCHARGE NEUTRAL ZONE AIR.  
7. PROVIDE WITH STAINLESS STEEL DRAIN PAN.  
8. FURNISH WITH HINGED DOORS WITH TOOL-LESS ENTRY.  
9. FURNISH WITH FACTORY INSTALLED HAIL GUARDS.  
10. FURNISH WITH DIRTY FILTER SENSOR.  
11. FURNISH WITH CONDENSATE OVERFLOW SWITCH.

HEAT RECOVERY BRANCH UNIT SCHEDULE						
MARK	MANUFACTURER	MODEL	PORTS	ELECTRICAL		REMARKS
				V/PH	AMPS	
B5-1	DAIKIN	BS12Q54TVJ	12	208/1	1.2	ALL
B5-2	DAIKIN	B5F8Q54TVJ	8	208/1	0.8	ALL
B5-3	DAIKIN	B5F8Q54TVJ	8	208/1	0.8	ALL

REMARKS:  
1. DISCONNECT FURNISHED BY ELECTRICAL.  
2. PROVIDE REFRIGERANT PIPING AND PIPING ACCESSORIES IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

VRF HEAT RECOVERY UNIT SCHEDULE																
MARK	MANUFACTURER	MODEL	NUMBER OF UNIT MODULES	NOMINAL TONNAGE	SUMMER OUTSIDE AIR (DB, °F)	RATED COOLING CAPACITY (MBH)	WINTER OUTSIDE AIR (DB, °F)	RATED HEATING CAPACITY (MBH)	CONNECTION RATIO (%)	IEER/EER	COP	REFRIGERANT	ELECTRICAL			
													V/PH	MCA (A)	MOP (A)	REMARKS
HRU-1	DAIKIN	REYQ336AAJA (REYQ168AAJA + REYQ168AAJA)	2	28.0	95.0	308.9	20.0	289.1	115	22.1/10.5	3.6	R-410A	208/3	54.9 + 54.9	60.0 + 60.0	ALL

REMARKS:  
1. DISCONNECT FURNISHED BY ELECTRICAL.  
2. PROVIDE REFRIGERANT PIPING AND PIPING ACCESSORIES IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.  
3. PROVIDE WITH MANUFACTURER'S BACNET INTERFACE NETWORK CARD SO THAT CONTROLLER WILL INTEGRATE WITH YORK COUNTY BMS.  
4. PROVIDE ROOF RAILS FOR MOUNTING UNIT ON ROOF.  
5. PROVIDE WITH LOSS OF REFRIGERANT CHARGE SWITCH AND ALARM.

VRF HEAT RECOVERY FAN COIL UNIT SCHEDULE											
MARK	MANUFACTURER	MODEL NUMBER	FAN COIL STYLE	O.A. (CFM)	TOTAL AIR FLOW (CFM)	TOTAL COOLING CAPACITY (MBH)	SENSIBLE COOLING CAPACITY (MBH)	TOTAL HEATING CAPACITY (MBH)	ELECTRICAL		REMARKS
									V/PH	MCA (A)	
FCU-1	DAIKIN	FXSG30TAVJU	DUCTED	195	810	28.4	17.5	35.0	208/1	1.8	1.2,3
FCU-2	DAIKIN	FXSG30TAVJU	DUCTED	195	810	28.4	17.5	35.0	208/1	1.8	1.2,3
FCU-3	DAIKIN	FXZQ07MVJUP	CASSETTE [2X2]	30*	320	6.9	4.3	8.7	208/1	0.8	1.2
FCU-4	DAIKIN	FXZQ15MVJUP	CASSETTE [2X2]	52.5*	385	13.5	8.4	18.1	208/1	0.8	1.2
FCU-5	DAIKIN	FXZQ15MVJUP	CASSETTE [2X2]	52.5*	385	13.5	8.4	18.1	208/1	0.8	1.2
FCU-6	DAIKIN	FXZQ18MVJUP	CASSETTE [2X2]	40*	490	16.2	10.1	21.0	208/1	0.9	1.2
FCU-7	DAIKIN	FXZQ07MVJUP	CASSETTE [2X2]	20	320	7.3	4.2	8.7	208/1	0.8	1.2
FCU-8	DAIKIN	FXZQ12MVJUP	CASSETTE [2X2]	40*	355	10.9	6.4	14.0	208/1	0.8	1.2
FCU-9	DAIKIN	FXZQ07MVJUP	CASSETTE [2X2]	25*	320	6.7	4.4	8.7	208/1	0.8	1.2
FCU-10	DAIKIN	FXSG24TAVJU	DUCTED	75	740	22.2	13.5	27.9	208/1	1.8	1.2,3
FCU-11	DAIKIN	FXZQ09MVJUP	CASSETTE [2X2]	15	320	8.5	5.3	11.1	208/1	0.8	1.2
FCU-12	DAIKIN	FXSG30TAVJU	DUCTED	90	810	27.7	17.7	35.0	208/1	1.8	1.2,3
FCU-13	DAIKIN	FXZQ09MVJUP	CASSETTE [2X2]	15	320	8.5	5.3	11.1	208/1	0.8	1.2
FCU-14	DAIKIN	FXSG18TAVJU	DUCTED	55	600	16.5	10.6	20.7	208/1	1.6	1.2,3
FCU-15	DAIKIN	FXZQ18MVJUP	CASSETTE [2X2]	30*	490	16.0	9.9	21.0	208/1	0.9	1.2
FCU-16	DAIKIN	FXZQ15MVJUP	CASSETTE [2X2]	35*	385	13.3	8.3	18.1	208/1	0.8	1.2
FCU-17	DAIKIN	FXSG12TAVJU	DUCTED	65	355	11.2	7.2	13.9	208/1	0.8	1.2,3
FCU-18	DAIKIN	FXZQ07MVJUP	CASSETTE [2X2]	15	320	6.7	4.4	8.7	208/1	0.8	1.2
FCU-19	DAIKIN	FXSG12TAVJU	DUCTED	60	355	11.1	7.3	13.9	208/1	0.8	1.2,3
FCU-20	DAIKIN	FXSG07TAVJU	DUCTED	25	280	6.9	4.3	8.8	208/1	0.8	1.2,3
FCU-21	DAIKIN	FXZQ09MVJUP	CASSETTE [2X2]	20	320	8.4	5.2	11.1	208/1	0.8	1.2
FCU-22	DAIKIN	FXSG30TAVJU	DUCTED	90	810	27.6	17.9	35.1	208/1	1.8	1.2,3
FCU-23	DAIKIN	FXSG30TAVJU	DUCTED	20	280	5.6	3.4	6.7	208/1	0.8	1.2,3
FCU-24	DAIKIN	FXZQ07MVJUP	CASSETTE [2X2]	10	320	6.7	4.4	8.7	208/1	0.8	1.2
FCU-25	DAIKIN	FXSG07TAVJU	CASSETTE [2X2]	10	320	6.7	4.3	8.7	208/1	0.8	1.2
FCU-26	DAIKIN	FXZQ12MVJUP	CASSETTE [2X2]	20	355	10.8	6.4	14.0	208/1	0.8	1.2
FCU-27	DAIKIN	FXZQ07MVJUP	CASSETTE [2X2]	15	320	6.6	4.3	8.7	208/1	0.8	1.2

REMARKS:  
1. PROVIDE WITH MANUFACTURER'S DISCONNECT SWITCH.  
2. PROVIDE WITH MANUFACTURER'S INTEGRAL CONDENSATE PUMP.  
3. PROVIDE WITH MERV 13 FILTER KIT.  
4. CASSETTE UNITS SHALL BE CAPABLE OF BEING INSTALLED IN A 24"X24" CEILING GRID WITHOUT OVERLAPPING INTO ADJACENT TILE SPACE.  
\*O.A. CFM DELIVERED TO SPACE VIA DIFFUSER

DUCTLESS SPLIT SYSTEM INDOOR UNIT						
MARK	MANUFACTURER	TYPE	MODEL NUMBER	AIR FLOW (CFM)	MCA	REMARKS
DSI-1	MITSUBISHI ELECTRIC	WALL MOUNT	PKA-A18LA1	375	1.0	ALL
DSI-2	MITSUBISHI ELECTRIC	WALL MOUNT	PKA-A12LA1	375	1.0	ALL
DSI-3	MITSUBISHI ELECTRIC	CEILING CASSETTE	SL2-KF12NA	335	0.3	ALL

DUCTLESS SPLIT SYSTEM OUTDOOR UNIT							
MARK	MANUFACTURER	MODEL NUMBER	COOLING CAP. (MBH)	REFRIGERANT	SEER	VOLTAGE/PHASE	REMARKS
DSO-1	MITSUBISHI ELECTRIC	PUY-A18KA7	18.0	R410A	20.2	208/1	ALL
DSO-2	MITSUBISHI ELECTRIC	PUY-A12KA7	12.0	R410A	21.3	208/1	ALL
DSO-3	MITSUBISHI ELECTRIC	SUZ-KA12NAH2	12.0	R410A	20.3	208/1	ALL

REMARKS:  
1. PROVIDE WITH MANUFACTURER'S DISCONNECT SWITCH.  
2. PROVIDE WITH CONDENSATE PUMP.  
3. PROVIDE WITH LOW AMBIENT KIT/WIND BAFFLE, FOR LOW AMBIENT COOLING OPERATION.  
4. INDOOR UNIT IS POWERED BY OUTDOOR UNIT.  
5. PROVIDE ROOF RAILS FOR OUTDOOR UNIT.

FAN SCHEDULE												
MARK	MANUFACTURER	MODEL	TYPE	SPACE SERVED	CFM	EXTERNAL STATIC PRESSURE	MOTOR HP	FAN RPM	MOTOR RPM	DRIVE TYPE	VOLTAGE/PHASE	REMARKS
EF-1	GREENHECK	G-095-VG	CENTRIFUGAL	RESTROOMS	600	0.5	1/6	1547	1725	DIRECT	115/1	ALL
EF-2	GREENHECK	G-090-VG	CENTRIFUGAL	RESTROOMS	450	0.35	1/10	1397	1725	DIRECT	115/1	ALL
EF-3	GREENHECK	G-060-VG	CENTRIFUGAL	JANITOR	80	0.25	1/15	1419	1725	DIRECT	115/1	ALL
EF-4	GREENHECK	G-060-VG	CENTRIFUGAL	EVIDENCE	60	0.2	1/15	1229	1725	DIRECT	115/1	ALL

REMARKS:  
1. PROVIDE WITH MANUFACTURER'S DISCONNECT SWITCH.  
2. PROVIDE WITH ROOF CURB MIN. 14" HEIGHT.  
3. FAN TO RUN CONTINUOUSLY WHILE BUILDING IS IN OCCUPIED MODE.  
4. FURNISH WITH ECM MOTOR WITH DIAL FOR SPEED CONTROL.  
5. BACKDRIFT DAMPER AND ACTUATOR BY CONTROLS VENDOR.  
6. FURNISH WITH GALVANIZED BIRD SCREEN.

DIFFUSER/GRILLE SCHEDULE					
MARK	APPLICATION	MATERIAL	FINISH	DESIGN EQUIPMENT	REMARKS
D-1	SUPPLY DIFFUSER	STEEL	WHITE	PRICE, MODEL SCD	1-4, 6
G/R-1	EXHAUST/RETURN/TRANSFER GRILLE	STEEL	WHITE	PRICE, MODEL S30	1,5

REMARKS:  
1. COORDINATE WITH SPACE CEILING TYPE FOR LAY-IN OR SURFACE MOUNTING. PROVIDE OPPOSED BLADE DAMPERS FOR DIFFUSERS/GRILLES INSTALLED IN HARD CEILINGS OR WHERE A DUCT MOUNTED MANUAL DAMPER WOULD NOT BE ACCESSIBLE.  
2. FOR GRILLES MOUNTED IN LAY-IN CEILING SYSTEM, PROVIDE MANUFACTURER'S 24"X24" STANDARD ADAPTOR MODULE TO FIT IN GRID.  
3. PROVIDE HANGERS AND MOUNTING ACCESSORIES SUITABLE FOR CEILING TYPE. COORDINATE DIFFUSERS/GRILLES WITH ARCHITECTURAL CEILING AND LIGHTING PLANS.  
4. SEE PLANS FOR NECK SIZE AND AIRFLOW RATE.  
5. LAY-IN RETURN GRILLES OPEN TO PLENUM TO HAVE 22X22 NECK U.N.O.  
6. PROVIDE WITH INSULATED BACK PAN.

PROJECT INFORMATION

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

Date: Description:

PROFESSIONAL STAMPS



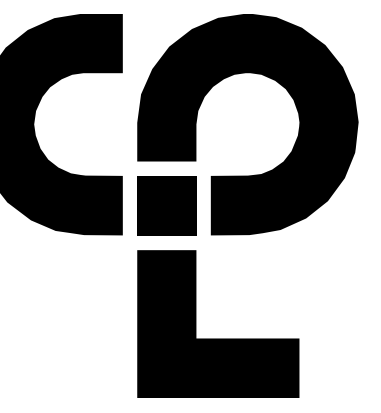
SHEET INFORMATION

Name: Scale: NOT TO SCALE  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: LBS Checked By: GFK  
Drawing Title: HVAC SCHEDULES

Drawing Number: -

H900





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**GENERAL NOTES**

- A. REFER TO P000 FOR LEGEND, SCHEDULES, GENERAL NOTES, & SPECIFICATIONS.
- B. CONTRACTOR SHALL CONFIRM ALL THE EXISTING BUILDING PLUMBING PIPE ROUTING IN THE FIELD.
- C. ALL WORK SHALL COMPLY WITH SOUTH CAROLINA PLUMBING CODE, LOCAL & OWNER REQUIREMENTS.
- D. COORDINATE ANY SYSTEM SHUT-DOWN A MINIMUM OF 24 HOURS IN ADVANCE.
- E. COORDINATE ALL PHASING REQUIREMENTS WITH GENERAL CONTRACTOR & OWNER.

**KEY NOTES - DEMOLITION**

- ① REMOVE FIXTURE AND ALL ASSOCIATED PIPING AND SUPPORTS. CAP SANITARY PIPING BELOW FLOOR. CAP VENT PIPING ABOVE CEILING. REMOVE WATER PIPING BACK TO NEAREST LIVE MAIN AND CAP. REMOVE ALL PIPING SUCH THAT LIMITED DEAD END PIPING REMAINS BUT ALL REMAINING BUILDING FIXTURES HAVE NECESSARY PIPING. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING.
  - ② REMOVE FIXTURE AND MAINTAIN PIPING FOR NEW FIXTURE TO BE INSTALLED IN SIMILAR LOCATION.
  - ③ EXISTING 10 GALLON WATER HEATER TO REMAIN.
  - ④ CONTRACTOR SHALL PROVIDE FIELD INVESTIGATION & CAMERA DOCUMENTATION OF ALL PLUMBING SYSTEMS WITH IN EXISTING BUILDING TO LOCATE SIZES, & CONDITION OF ALL SYSTEMS.
- IF ANY OF THE EXISTING PLUMBING PIPING THAT IS INSUFFICIENT SHALL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR FOR RESOLUTION PRIOR TO BEGINNING ANY NEW WORK. CONTRACTOR SHALL INCLUDE REDLINE MARKUPS INDICATING ROUTING OF ALL PLUMBING SYSTEMS AS PART OF THE RECORD DRAWINGS.
- ALL CAMERA RECORDED INFORMATION SHALL BE PROVIDED ON A FLASH DRIVE AND VIA FTP DIGITAL SUBMISSION INCLUDING A VOICE DESCRIPTION OF THE FINDINGS.
- ⑤ CONTRACTOR SHALL CONFIRM WITH THE LOCAL AUTHORITIES THE DOMESTIC WATER SYSTEM IS CURRENTLY PROTECTED WITH THE REQUIRED BACKFLOW DEVICE PER LOCAL WATER PURVEYOR REQUIREMENTS. (NOTE: THE DEVICE MAY BE LOCATED INSIDE OR OUTSIDE THE BUILDING.) IF FOUND INSUFFICIENT IT SHALL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR FOR RESOLUTION PRIOR TO BEGINNING ANY NEW WORK.
  - ⑥ CONTRACTOR SHALL CONFIRM THAT THE EXISTING WATER PRESSURE WITHIN THE BUILDING IS SUFFICIENT TO PROVIDE THE REQUIRED WATER PRESSURE TO OPERATE THE PLUMBING FIXTURES ADEQUATELY. IF FOUND INSUFFICIENT IT SHALL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR FOR RESOLUTION PRIOR TO BEGINNING ANY NEW WORK.

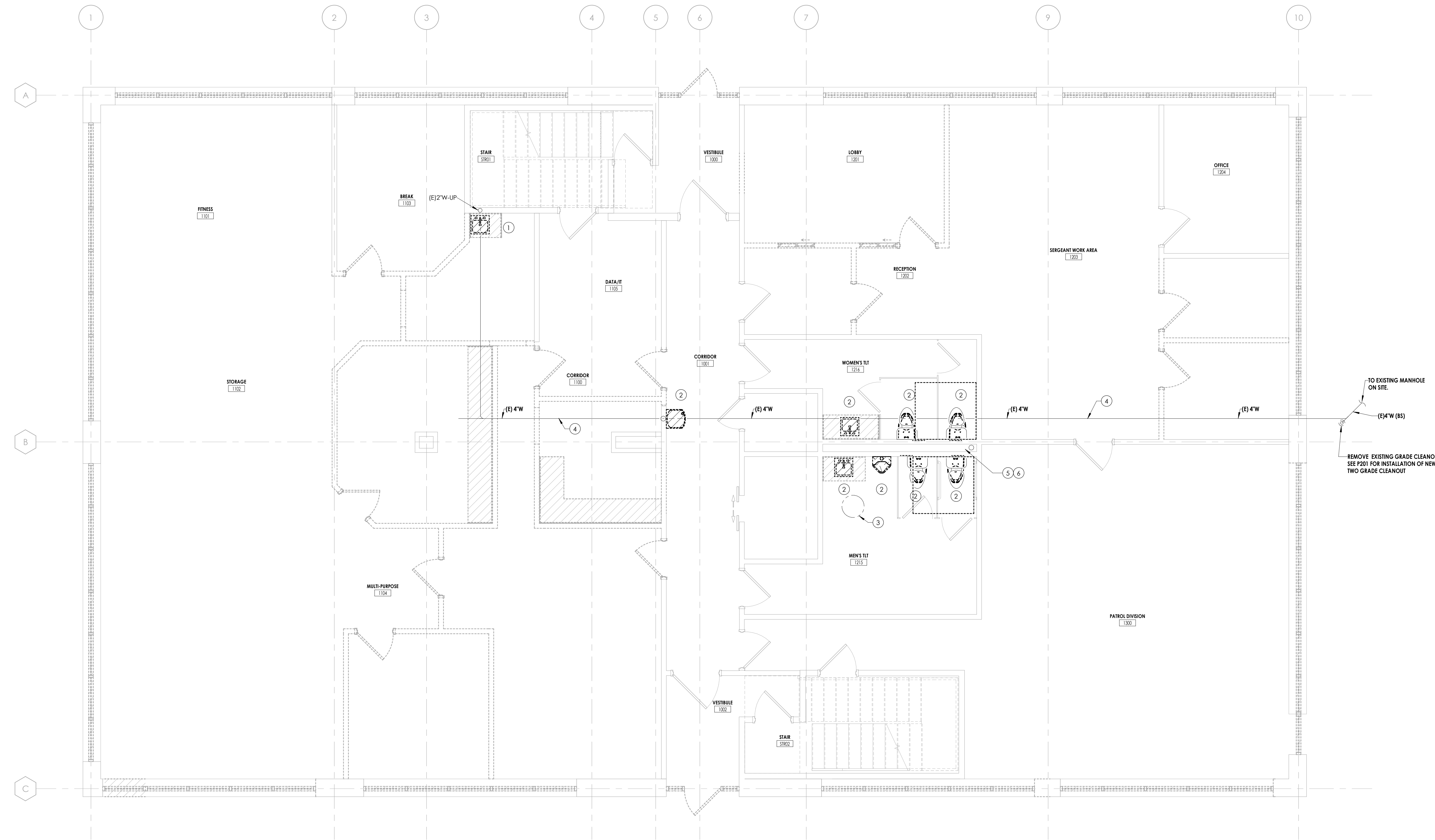
**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

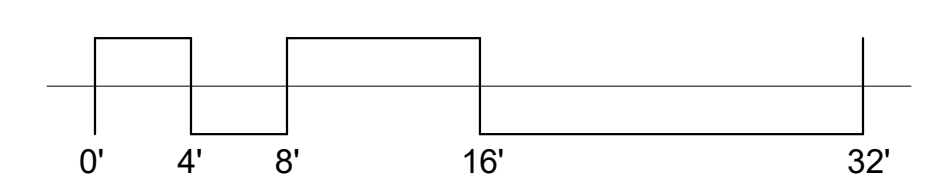
7 - Date



TO EXISTING MANHOLE ON SITE.  
(E) 4\"/>

REMOVE EXISTING GRADE CLEANOUT. SEE P201 FOR INSTALLATION OF NEW TWO GRADE CLEANOUT.

4
5
6  
1  
**FIRST FLOOR - PLUMBING - DEMOLITION**  
 P101 1/4" = 1'-0"  
 TRUE NORTH

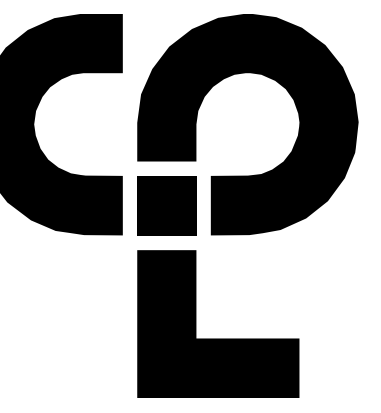


**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: RJA Checked By: GPK  
Drawing Title: FIRST FLOOR - PLUMBING - DEMOLITION  
Drawing Number:



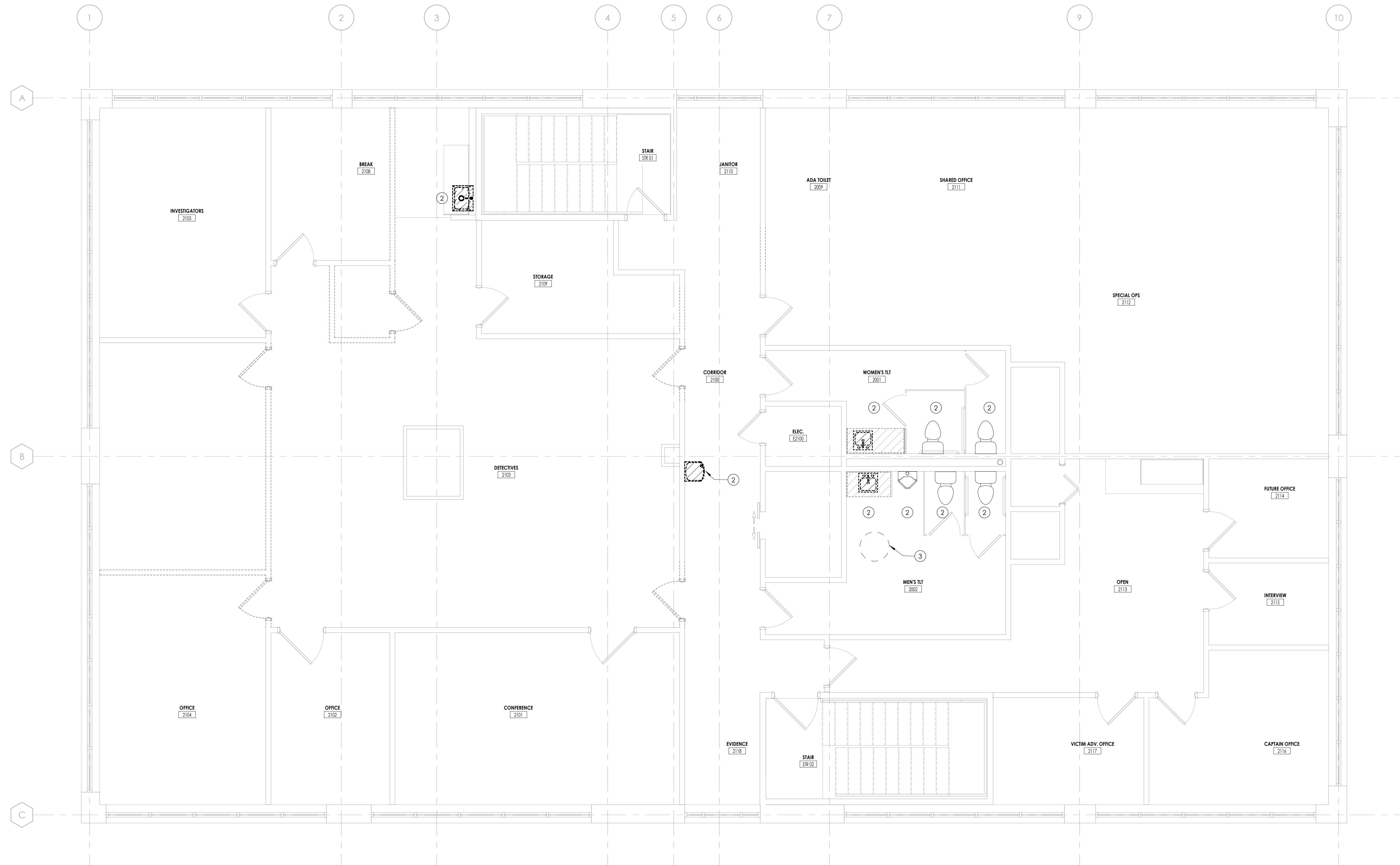
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Charlotte, NC 28210  
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**GENERAL NOTES**

- A. REFER TO P000 FOR LEGEND, SCHEDULES, GENERAL NOTES, & SPECIFICATIONS.
- B. CONTRACTOR SHALL CONFIRM ALL THE EXISTING BUILDING PLUMBING PIPE ROUTING IN THE FIELD.
- C. ALL WORK SHALL COMPLY WITH SOUTH CAROLINA PLUMBING CODE, LOCAL & OWNER REQUIREMENTS.
- D. COORDINATE ANY SYSTEM SHUT-DOWN A MINIMUM OF 24 HOURS IN ADVANCE.
- E. COORDINATE ALL PHASING REQUIREMENTS WITH GENERAL CONTRACTOR & OWNER.

**KEY NOTES - DEMOLITION**

- ① NOT USED
- ② REMOVE FIXTURE AND MAINTAIN PIPING FOR NEW FIXTURE TO BE INSTALLED IN SIMILAR LOCATION.
- ③ EXISTING 10 GALLON WATER HEATER TO REMAIN.



**PROJECT INFORMATION**

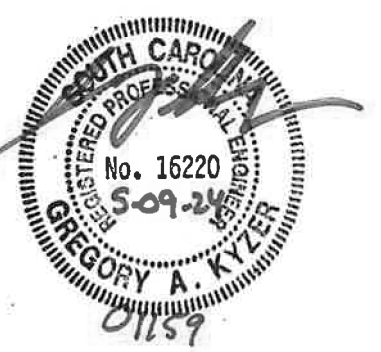
Project Number  
R23.00720.00  
Client Name  
**YORK COUNTY, SC**  
Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
236 Northpark Drive, Rock Hill, SC 29730

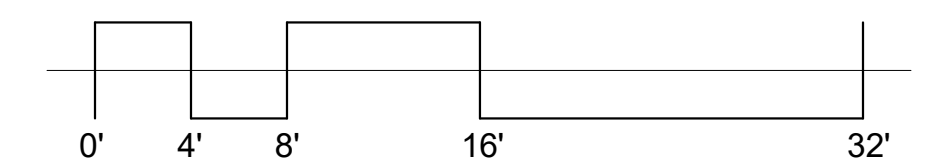
**PROJECT ISSUE & REVISION SCHEDULE**

7 Date

**PROFESSIONAL STAMPS**



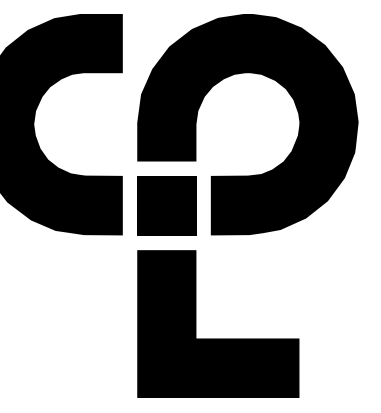
4 5 6  
1  
P102  
1/4" = 1'-0"  
TRUE NORTH



**SHEET INFORMATION**

Name  
05/09/2024  
Project Status  
100% CONSTRUCTION DOCUMENTS  
Drawn By  
RLA  
Checked By  
GFK  
Drawing Title  
**SECOND FLOOR - PLUMBING - DEMOLITION**  
Drawing Number





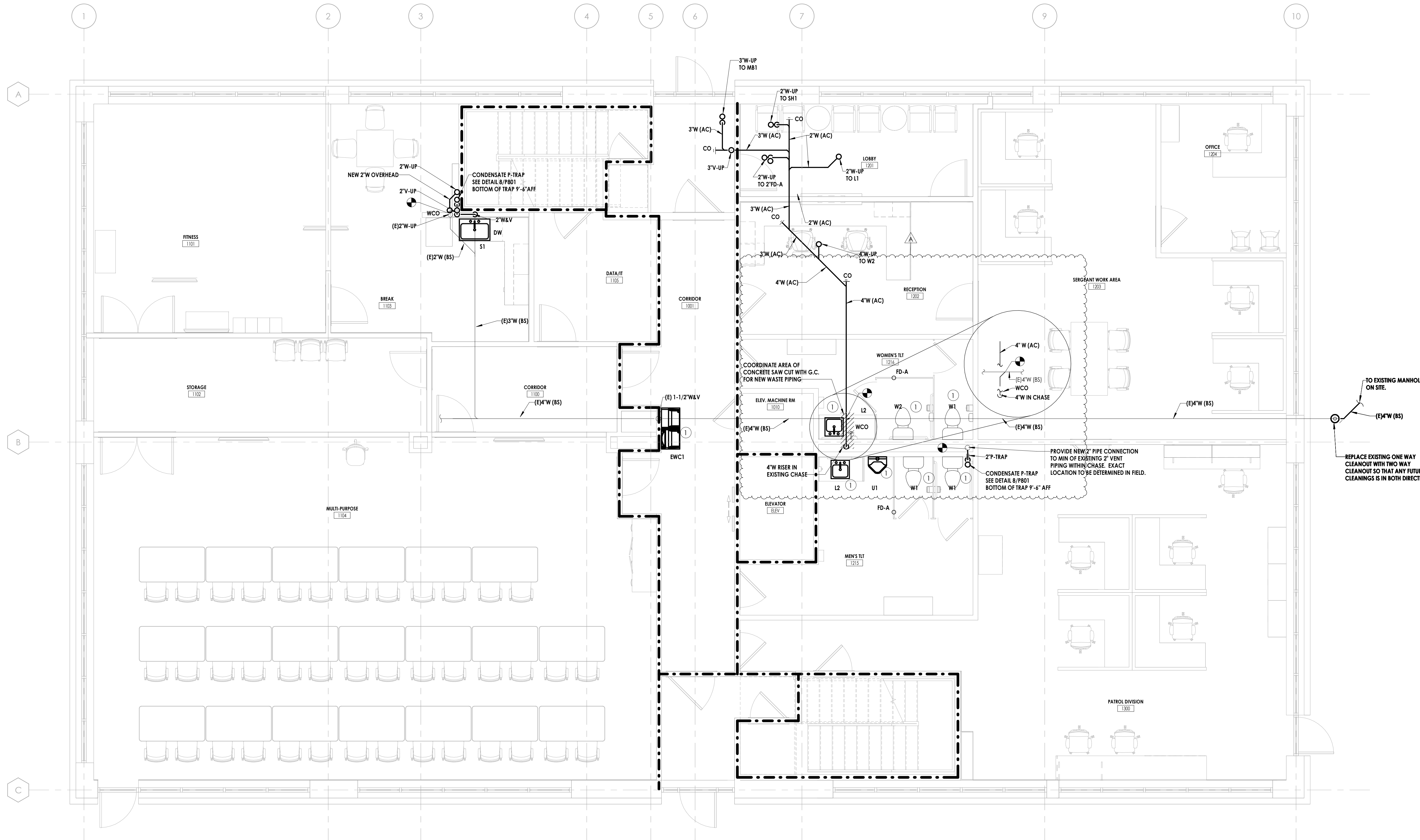
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**GENERAL NOTES**

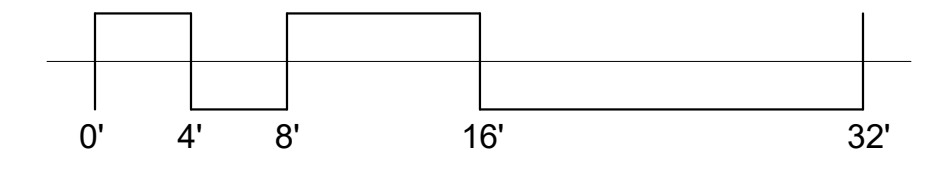
- A. REFER TO P000 FOR LEGEND, SCHEDULES, GENERAL NOTES, & SPECIFICATIONS.
- B. ALL WORK SHALL COMPLY WITH SOUTH CAROLINA PLUMBING CODE, LOCAL & OWNER REQUIREMENTS.
- C. CONTRACTOR SHALL CONFIRM LOCATION & SIZES OF ALL EXISTING WASTE, VENT, & WATER PIPING TO STARTING WORK. SEE NOTE B ON PLUMBING DEMOLITION DRAWINGS.
- D. COORDINATE ANY SYSTEM SHUT-DOWN A MINIMUM OF 24 HOURS IN ADVANCE.
- E. COORDINATE ALL PHASING REQUIREMENTS WITH GENERAL CONTRACTOR & OWNER.

**KEY NOTES - NEW WORK**

- 1. INSTALL NEW PLUMBING FIXTURE AND RE CONNECT TO EXISTING WASTE & WATER PIPING.



**3**  
**P201**  
**FIRST FLOOR - PLUMBING - WASTE & VENT**  
 1/4" = 1'-0"  
 TRUE NORTH



**PROJECT INFORMATION**

Project Number: R23.00720.00  
 Client Name: YORK COUNTY, SC  
 Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

A 10/09/2024 PRE-BID RFI

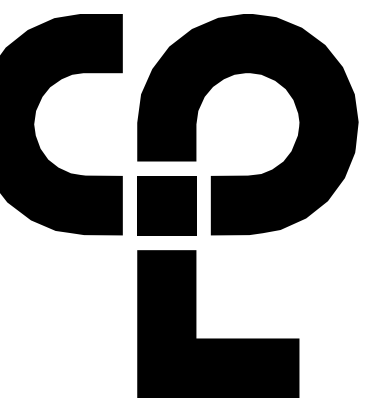
**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Date: 05/09/2024  
 Scale: As indicated  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: RJA  
 Checked By: GPK  
 Drawing Title: FIRST FLOOR - PLUMBING - WASTE & VENT

Drawing Number: -  
**P201**



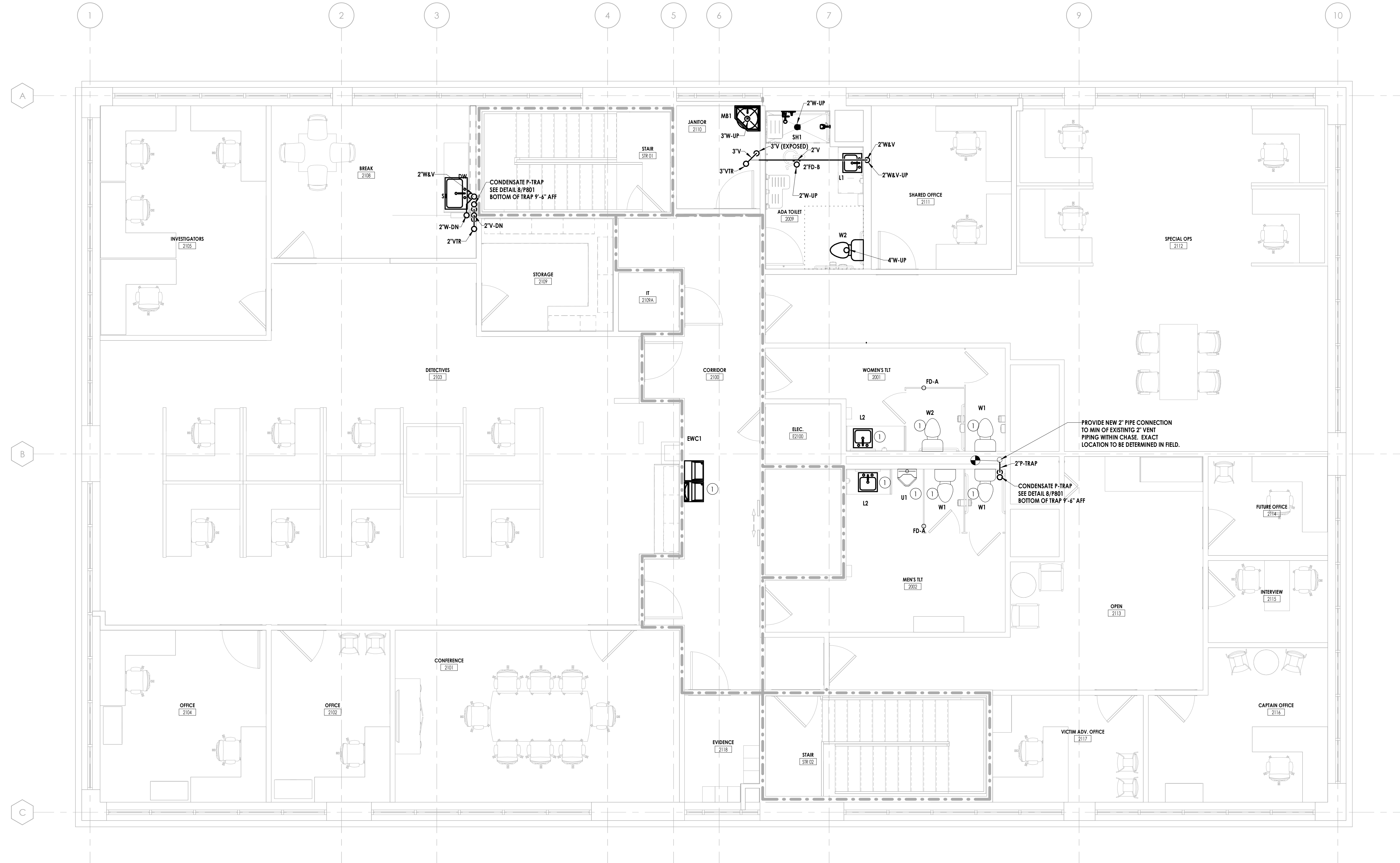
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**GENERAL NOTES**

- A. REFER TO P000 FOR LEGEND, SCHEDULES, GENERAL NOTES, & SPECIFICATIONS.
- B. ALL WORK SHALL COMPLY WITH SOUTH CAROLINA PLUMBING CODE, LOCAL & OWNER REQUIREMENTS.
- C. CONTRACTOR SHALL CONFIRM LOCATION & SIZES OF ALL EXISTING WASTE, VENT, & WATER PIPING TO STARTING WORK. SEE NOTE B ON PLUMBING DEMOLITION DRAWINGS.
- D. COORDINATE ANY SYSTEM SHUT-DOWN A MINIMUM OF 24 HOURS IN ADVANCE.
- E. COORDINATE ALL PHASING REQUIREMENTS WITH GENERAL CONTRACTOR & OWNER.

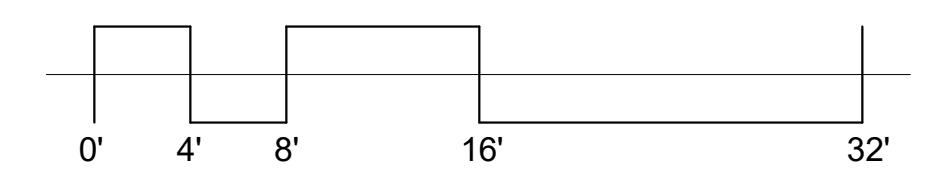
**KEY NOTES - NEW WORK**

- ① INSTALL NEW PLUMBING FIXTURE AND CONNECT TO EXISTING WASTE & WATER PIPING.



PROVIDE NEW 2\"/>

**1 SECOND FLOOR PLAN - PLUMBING - WASTE & VENT**  
 P202 1/4" = 1'-0"  
 TRUE NORTH



**PROJECT INFORMATION**

Project Number: R23.00720.00  
 Client Name: YORK COUNTY, SC  
 Project Name: DISTRICT 3 SHERIFF'S OFFICE  
 Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Issue/Revision	Date

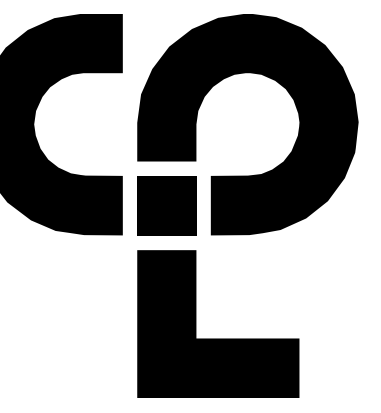
**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: Scale: As indicated  
 Date: 05/09/2024  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: RJA Checked By: GFK  
 Drawing Title: SECOND FLOOR - PLUMBING - WASTE & VENT  
 Drawing Number: P202

9/19/2024 1:35:05 PM c:\projects\locations\CD Design & Project Files\Bldg 300



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**GENERAL NOTES**

- A. REFER TO P000 FOR LEGEND, SCHEDULES, GENERAL NOTES, & SPECIFICATIONS.
- B. ALL WORK SHALL COMPLY WITH SOUTH CAROLINA PLUMBING CODE, LOCAL & OWNER REQUIREMENTS.
- C. CONTRACTOR SHALL CONFIRM LOCATION & SIZES OF ALL EXISTING WASTE, VENT, & WATER PIPING TO STARTING WORK. SEE NOTE B ON PLUMBING DEMOLITION DRAWINGS.
- D. COORDINATE ANY SYSTEM SHUT-DOWN A MINIMUM OF 24 HOURS IN ADVANCE.
- E. COORDINATE ALL PHASING REQUIREMENTS WITH GENERAL CONTRACTOR & OWNER.

**KEY NOTES**

- ① PROVIDE NEW PLUMBING FIXTURE & RECONNECT TO EXISTING WASTE & WATER PIPING.
- ② EXISTING 10 GAL. WATER HEATER TO REMAIN.

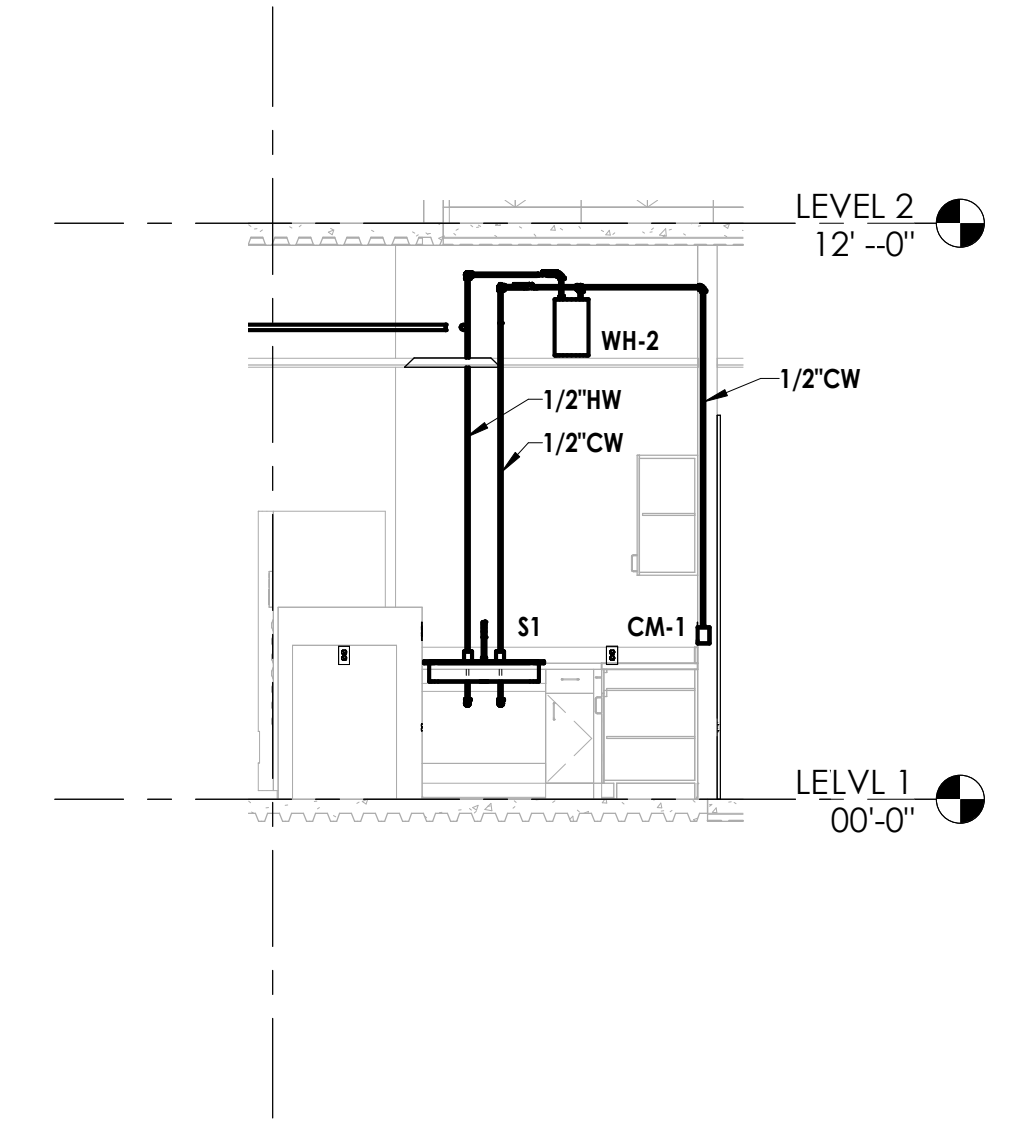
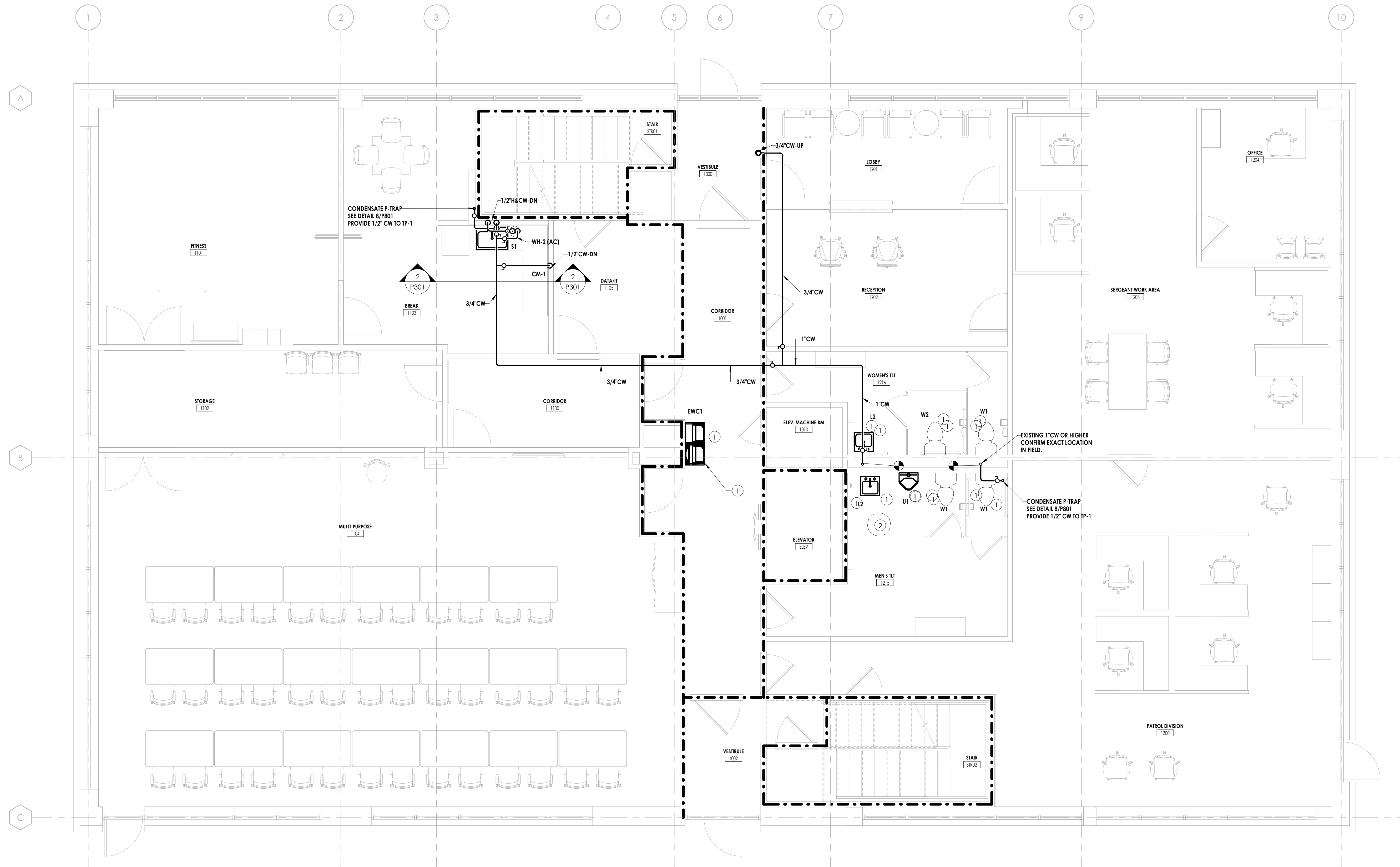
**PROJECT INFORMATION**

Project Number  
 P23.00720.00  
 Client Name  
**YORK COUNTY, SC**  
 Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
 236 Northpark Drive, Rock Hill, SC 29730

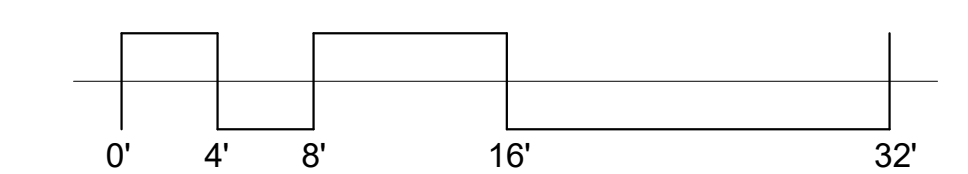
**PROJECT ISSUE & REVISION SCHEDULE**

1 - Date



② 1ST FLOOR BREAK ROOM SECTION - WATER  
 1/4" = 1'-0"

① FIRST FLOOR - PLUMBING - WATER  
 1/4" = 1'-0"  
 TRUE NORTH



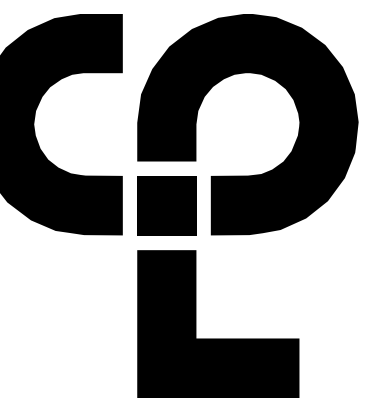
**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Date: 05/09/2024  
 Scale: As indicated  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: RJA  
 Checked By: GFK  
 Drawing Title: FIRST FLOOR - PLUMBING - WATER

Drawing Number



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**GENERAL NOTES**

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- B. ALL WORK SHALL COMPLY WITH SOUTH CAROLINA PLUMBING CODE, LOCAL & OWNER REQUIREMENTS.
- C. CONTRACTOR SHALL CONFIRM LOCATION & SIZES OF ALL EXISTING WASTE, VENT, & WATER PIPING TO STARTING WORK. SEE NOTE B ON PLUMBING DEMOLITION DRAWINGS.
- D. COORDINATE ANY SYSTEM SHUT-DOWN A MINIMUM OF 24 HOURS IN ADVANCE.
- E. COORDINATE ALL PHASING REQUIREMENTS WITH GENERAL CONTRACTOR & OWNER.

**KEY NOTES**

- ① PROVIDE NEW PLUMBING FIXTURE CONNECTION TO EXISTING WASTE & WATER PIPING.
- ② EXISTING 10 GALLON WATER HEATER TO REMAIN.

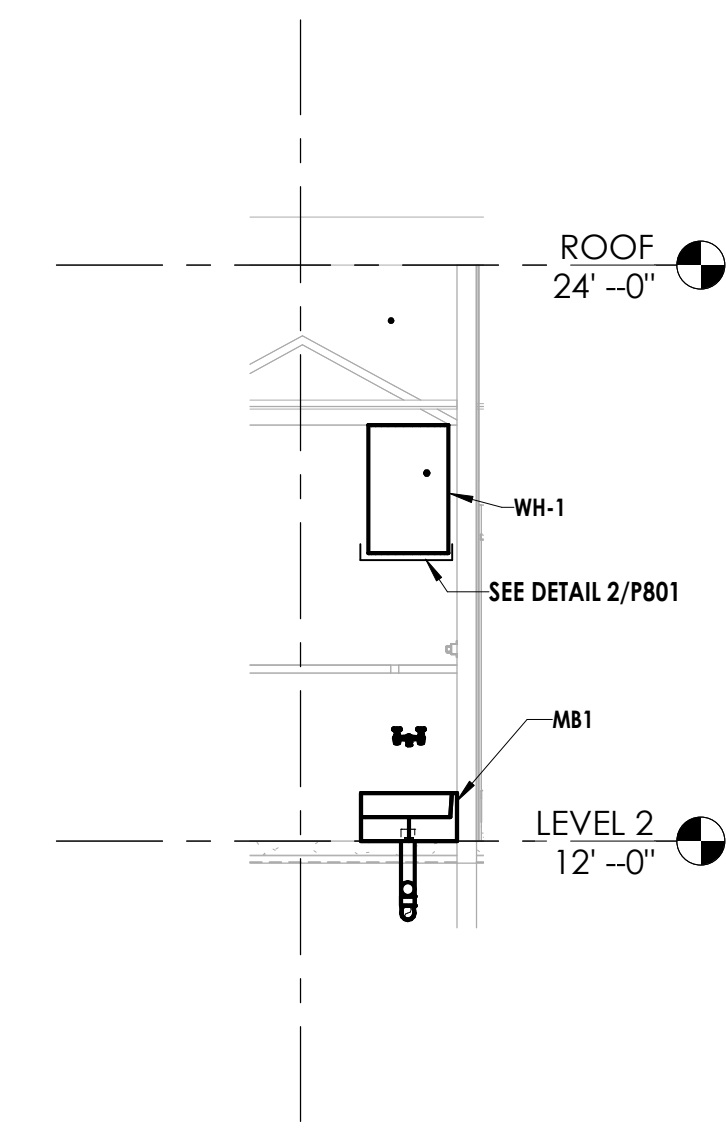
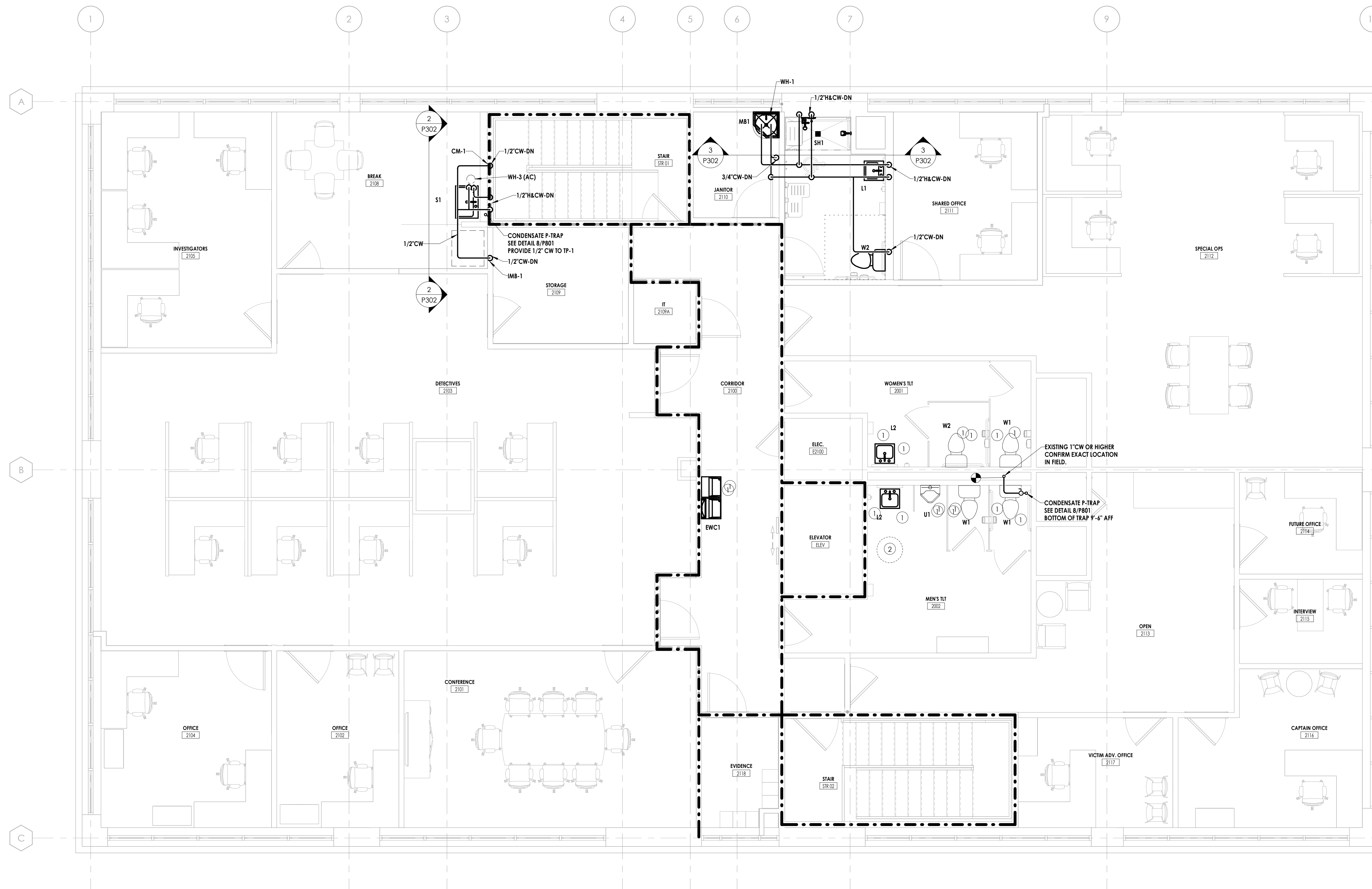
**PROJECT INFORMATION**

Project Number: P23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

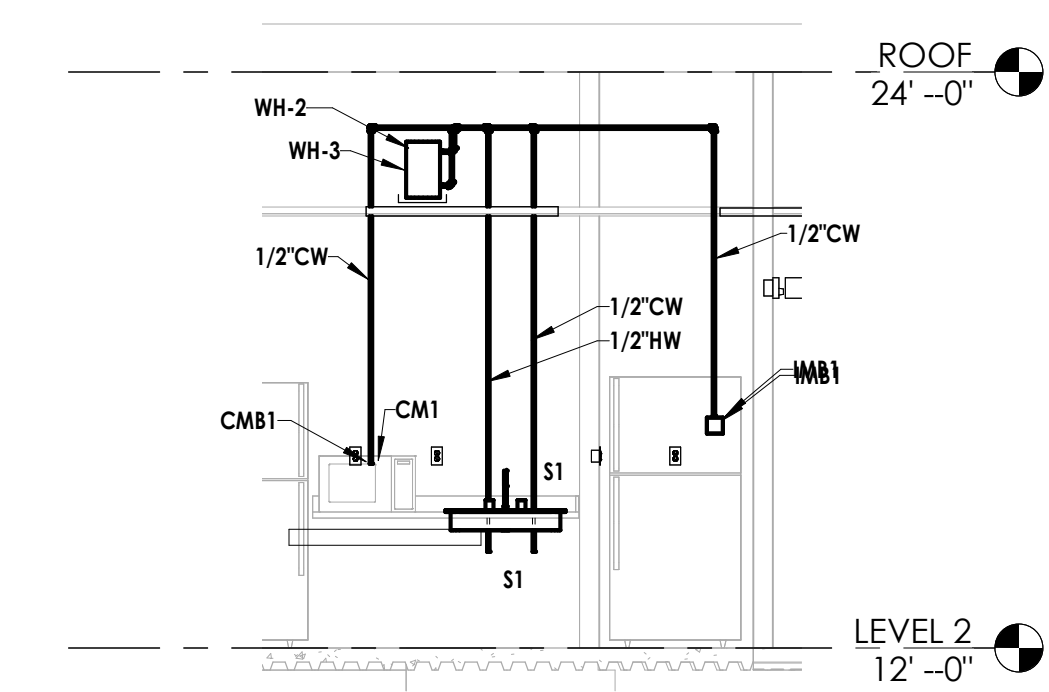
Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

7 - Date

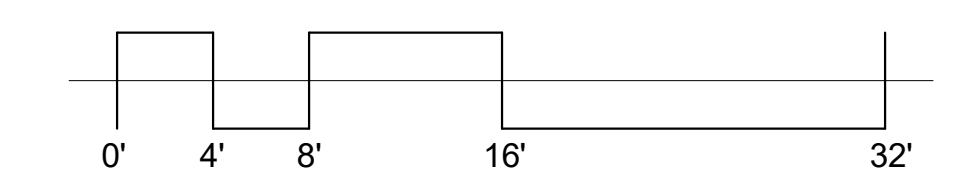


3 WH-1 OVER MOP BASIN  
P302 NO SCALE

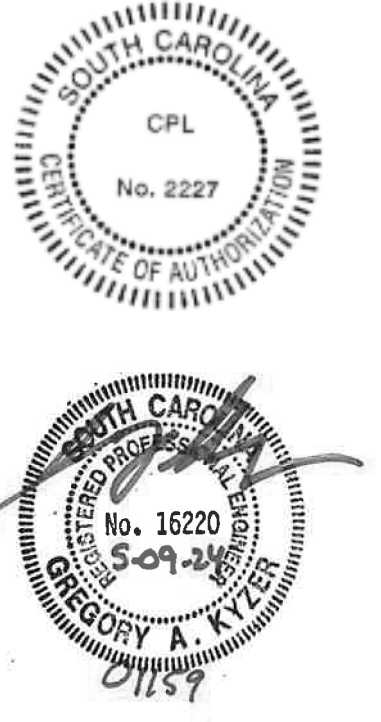


2 LEVEL 2 BREAK ROOM  
P302 NO SCALE

1 SECOND FLOOR PLAN - PLUMBING - WATER  
1/4\"/>



**PROFESSIONAL STAMPS**

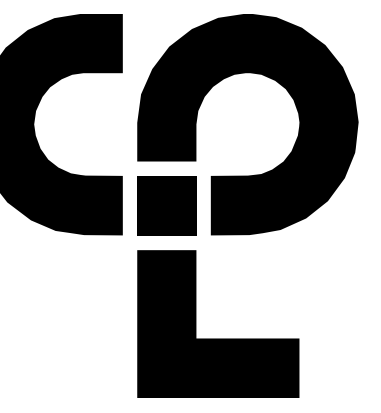


**SHEET INFORMATION**

Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: RJA Checked By: GFK  
Drawing Title: SECOND FLOOR - PLUMBING - WATER

Drawing Number

P302



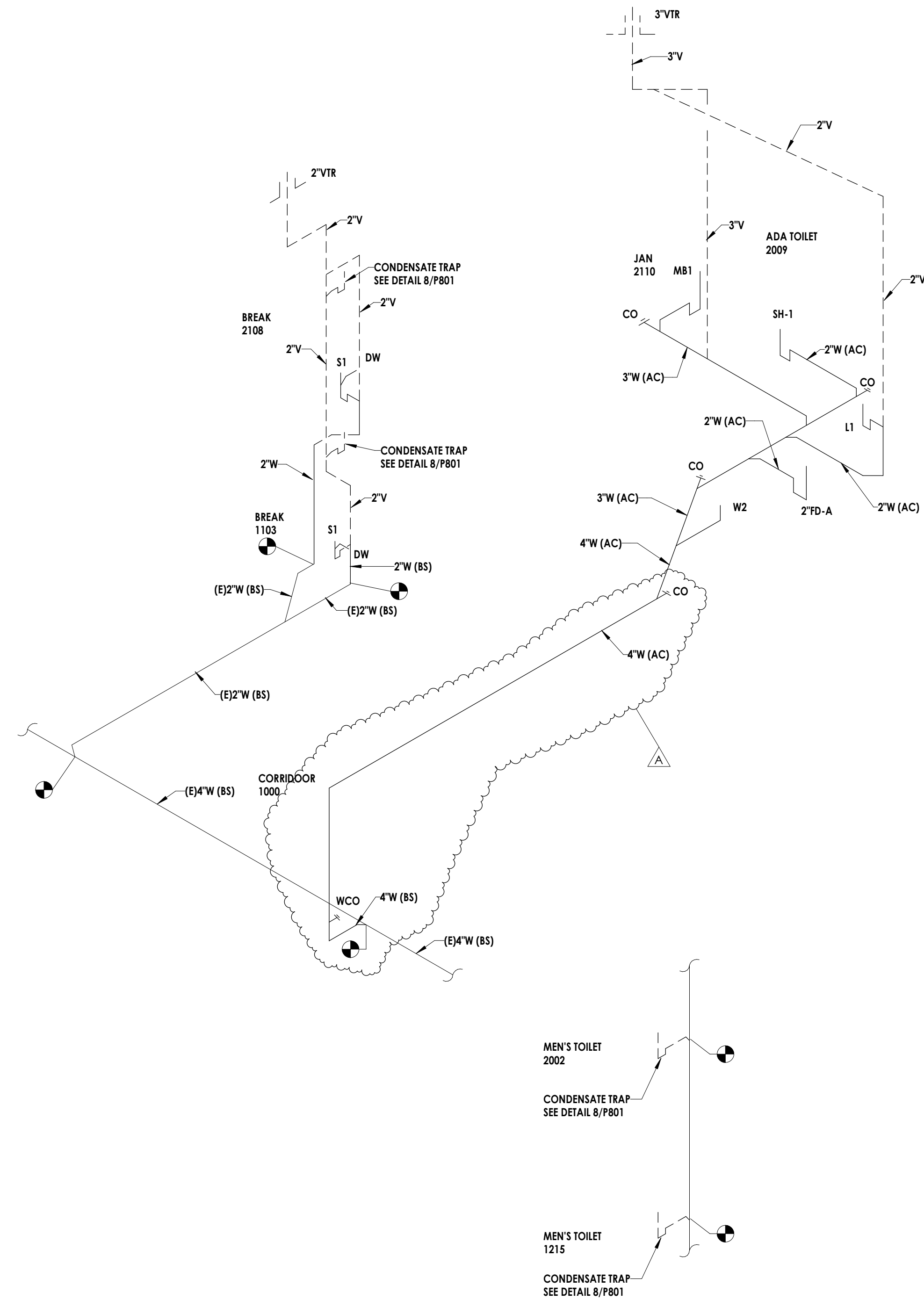
**PROJECT INFORMATION**

Project Number: R23.00720.00  
 Client Name: YORK COUNTY, SC  
 Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Issue: A  
 Date: 10/09/2024  
 Description: PRE-BID RFI



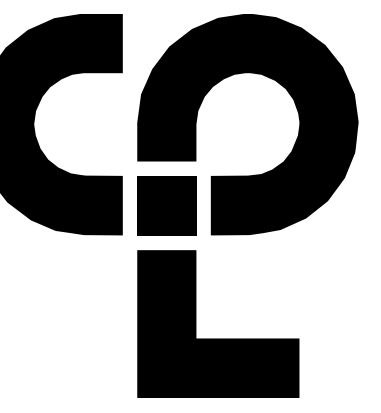
**1 PL-RISER-WASTE & VENT RISER DIAGRAM**  
 P701 NO SCALE

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Date: 05/09/2024  
 Scale: NO SCALE  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: RJA  
 Checked By: GFK  
 Drawing Title: PLUMBING RISER DIAGRAMS  
 Drawing Number:



PROJECT INFORMATION

Project Number: P23.00720.00  
Client Name: YORK COUNTY, SC

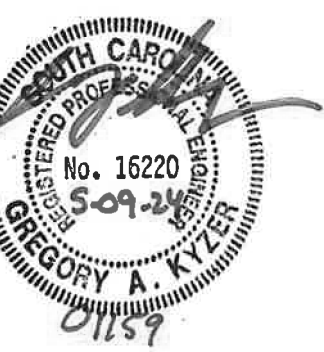
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

1 Date

PROFESSIONAL STAMPS

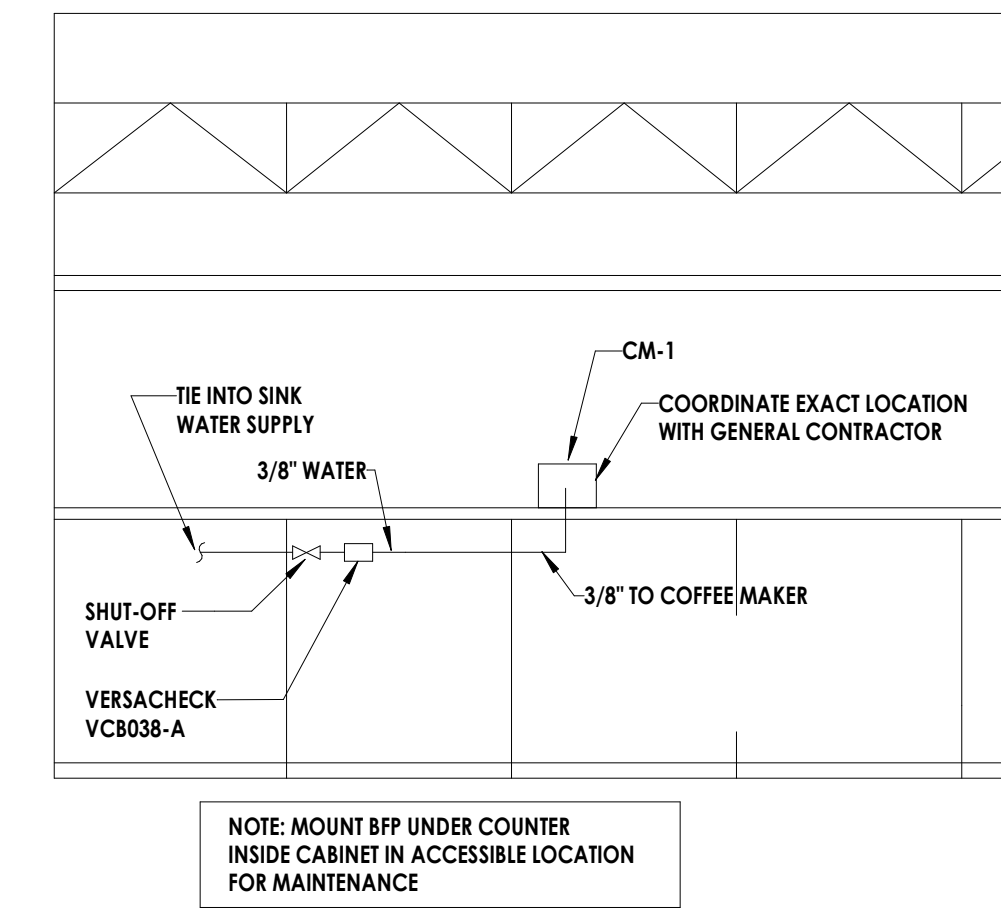


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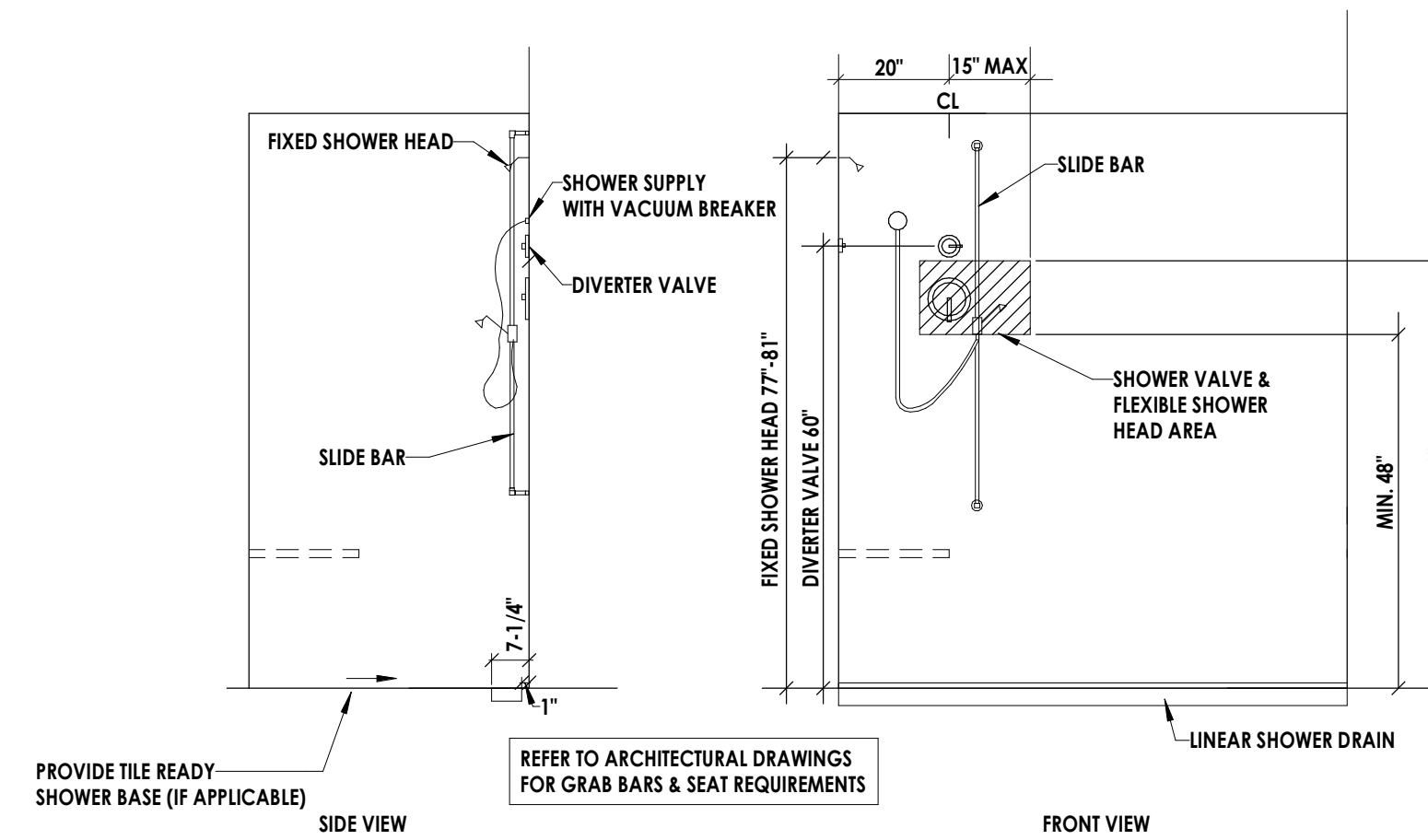
Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: Checked By:  
Drawing Title: PLUMBING DETAILS  
Drawing Number:

Drawing Number

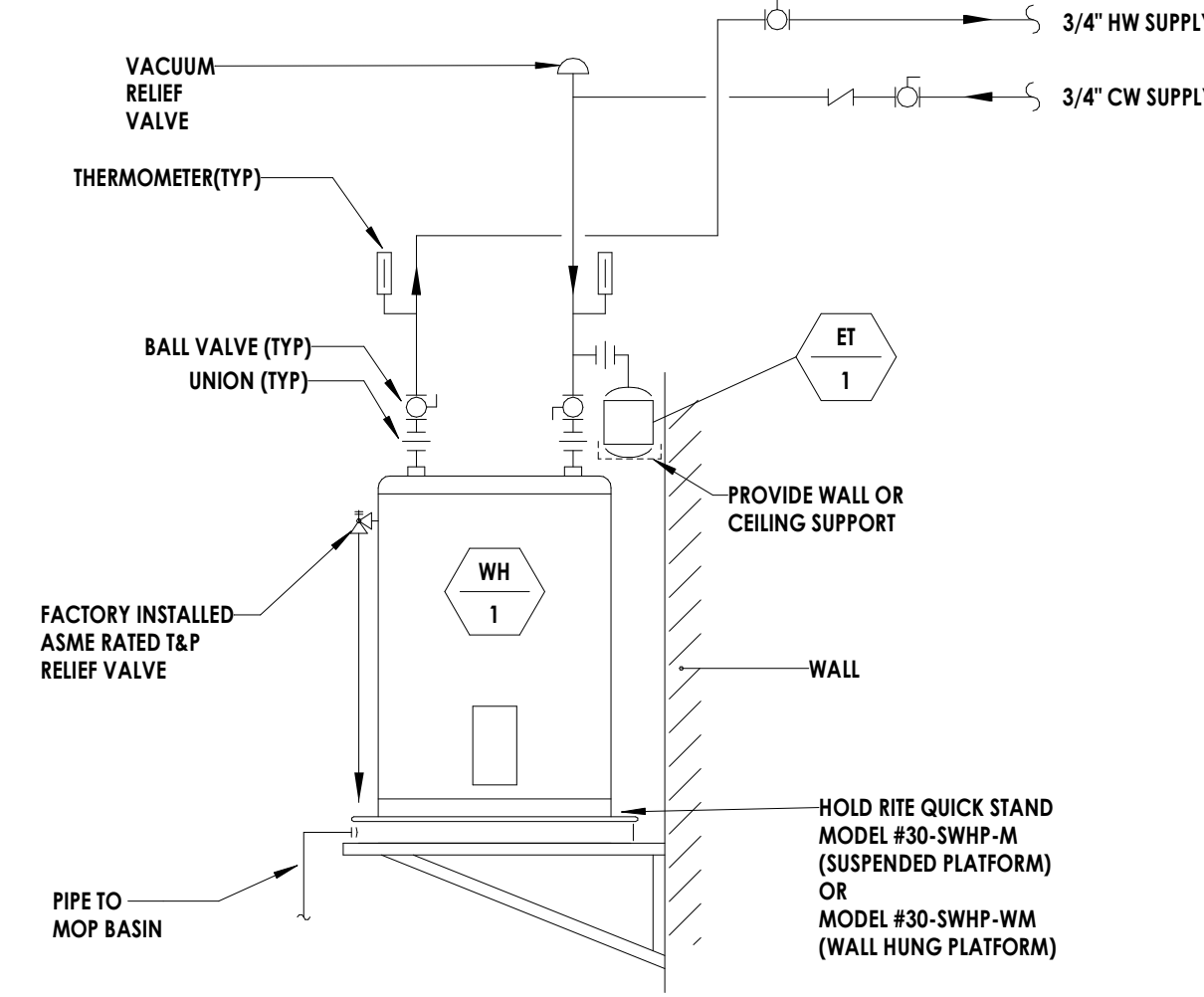
P801



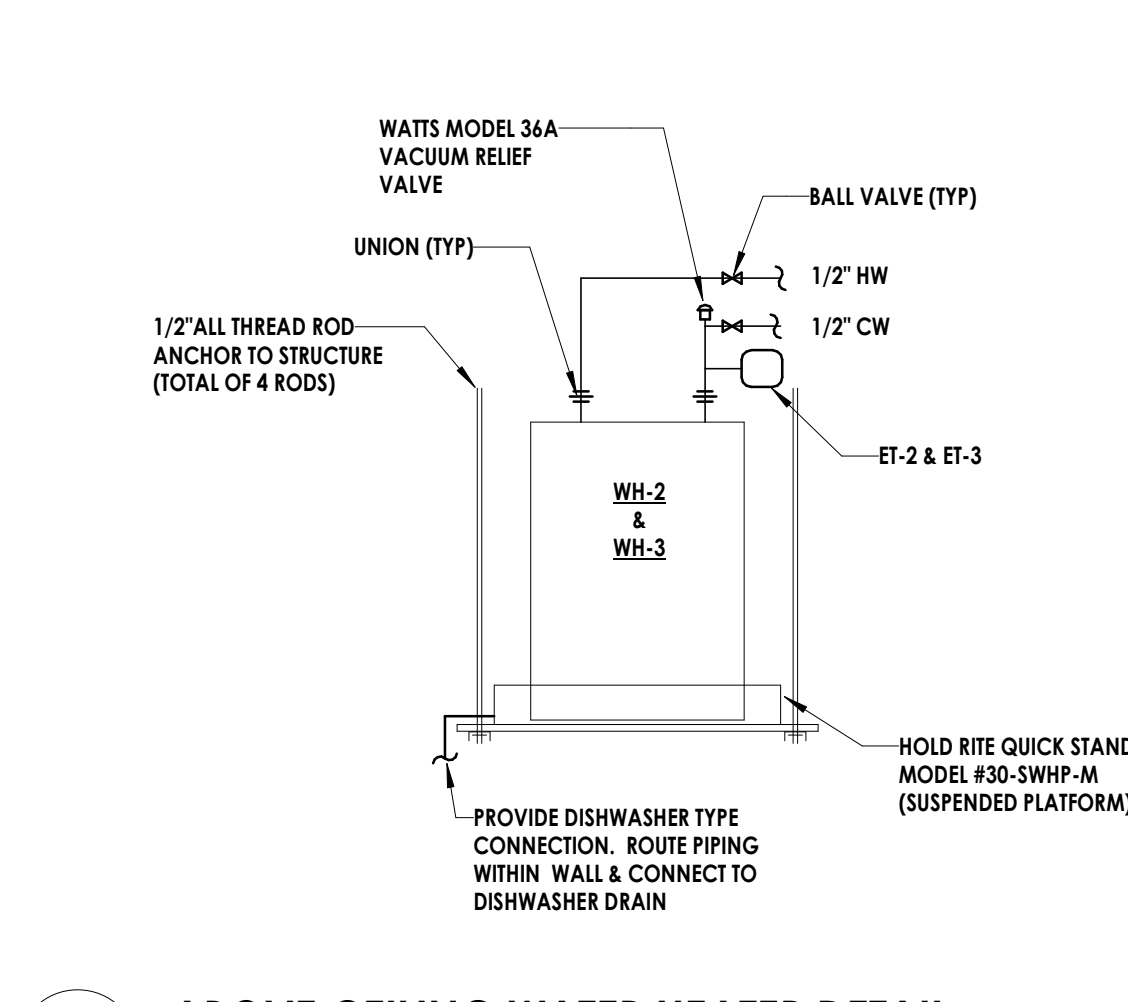
4 COFFEE MAKER/WATER FILTER DETAIL  
P801 NOT TO SCALE



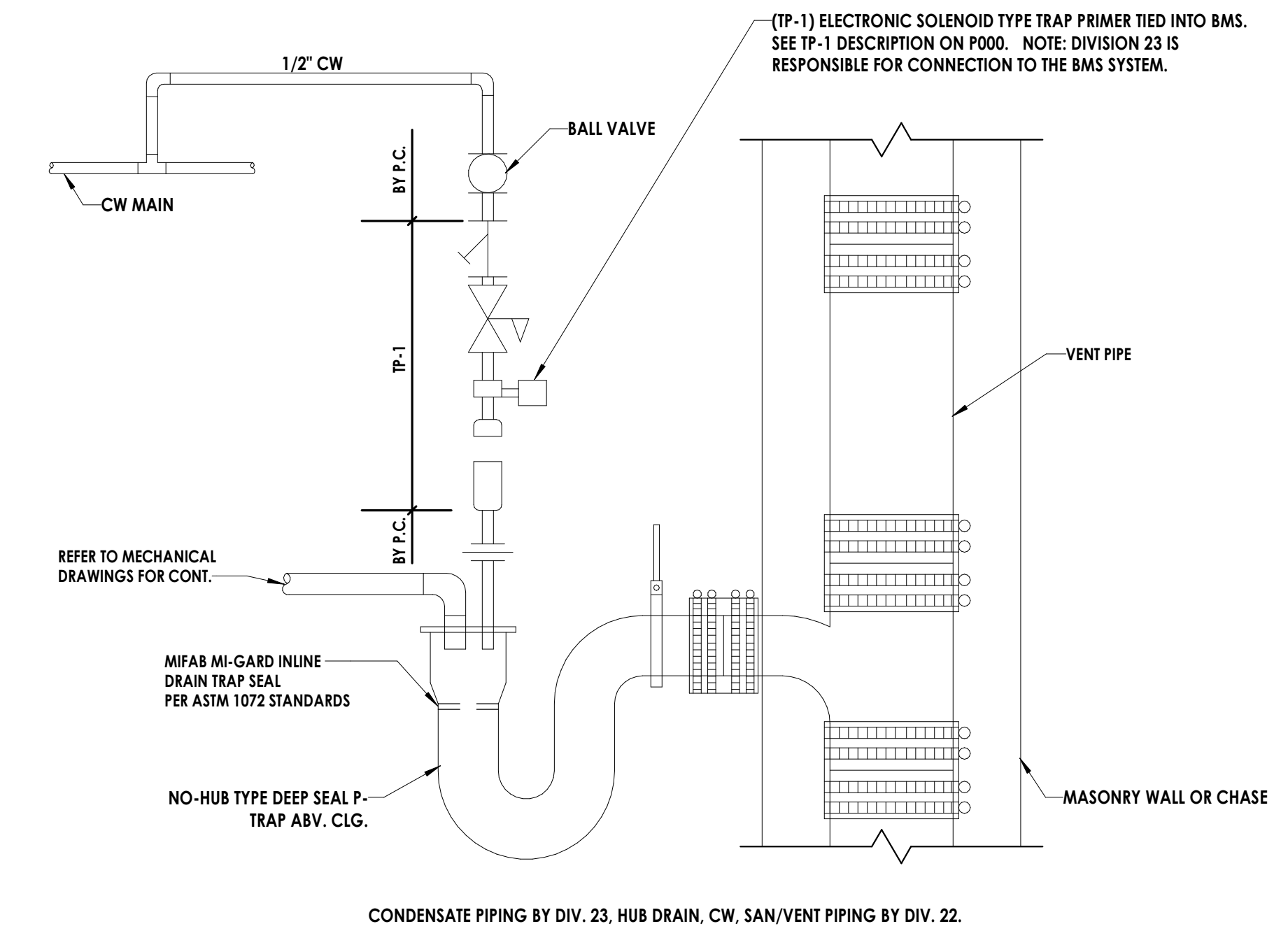
3 P-ADA ROLL-IN SHOWER VALVE LOCATIONS  
P801 NO SCALE



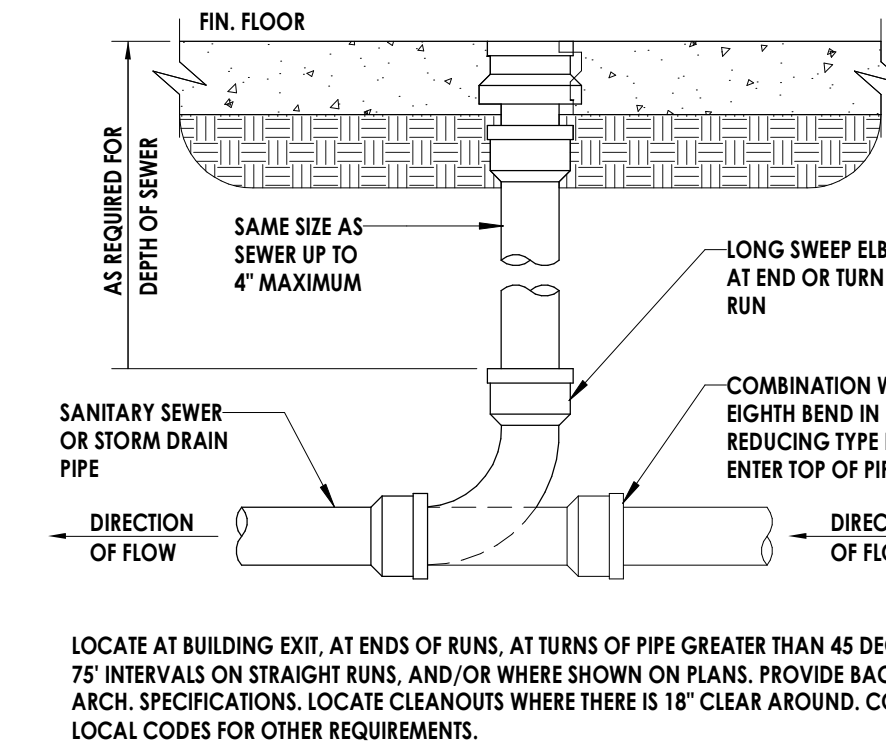
2 WATER HEATER DETAIL  
P801 NO SCALE



1 ABOVE CEILING WATER HEATER DETAIL  
P801 NO SCALE

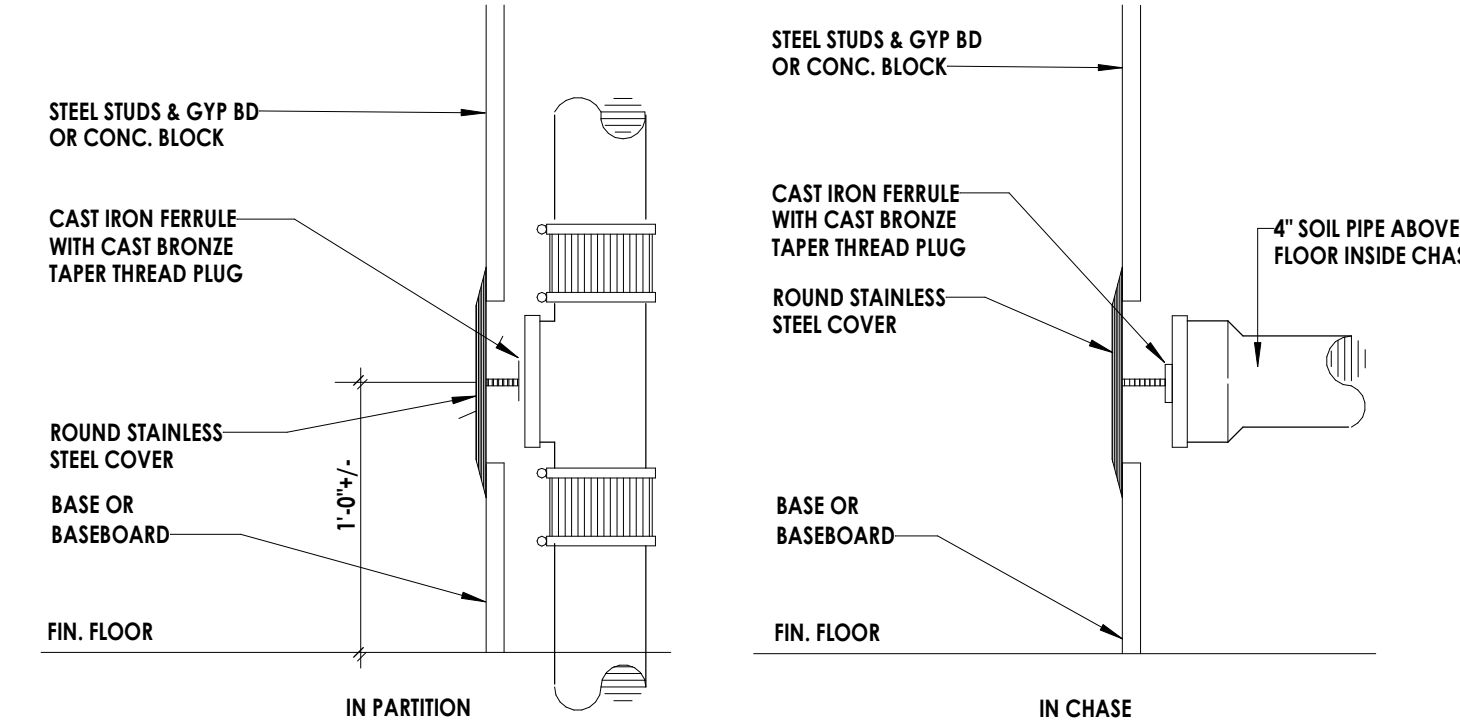


8 CONDENSATE P-TRAP PLUMBING DETAIL  
P801 NOT TO SCALE

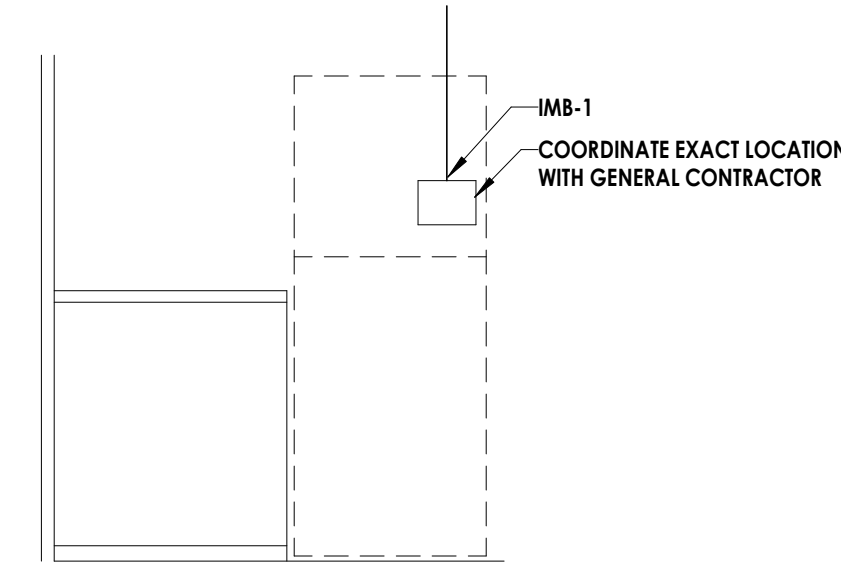


LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 75' INTERVALS ON STRAIGHT RUNS, AND/OR WHERE SHOWN ON PLANS. PROVIDE BACKFILL PER ARCH. SPECIFICATIONS. LOCATE CLEANOUTS WHERE THERE IS 18" CLEAR AROUND. CONSULT LOCAL CODES FOR OTHER REQUIREMENTS.

7 (FCO) FLOOR CLEANOUT DETAIL  
P801 NOT TO SCALE



6 (WCO) WALL CLEANOUT DETAIL  
P801 NOT TO SCALE



5 REFRIGERATOR ICE MAKER BOX  
P801 NOT TO SCALE

**WIRING LEGEND:**

- NOTE: ALL RECEPTACLES TO BE TAMPER-RESISTANT
- PLUG MOLD, SURFACE RACEWAY, 2-CHANNEL
  - ⊕ SIMPLEX RECEPTACLE
  - ⊕ DUPLEX/QUADRUPLX RECEPTACLE
  - ⊕ RECESSED FLOOR MOUNTED DUPLEX/QUADRUPLX RECEPTACLE
  - ⊕ CEILING MOUNTED DUPLEX/QUADRUPLX RECEPTACLE
  - ⊕ SPECIAL RECEPTACLE - NEMA IDENTIFICATION LISTED ON PLANS
  - C COUNTER HEIGHT OR 48" AFF
  - GH GROUND FAULT CIRCUIT INTERRUPTER
  - TR TAMPER RESISTANT
  - USB (TYPE A/TYP C) UNIVERSAL SERIAL BUS OUTLETS WITH DUPLEX RECEPTACLE
  - WP WEATHER PROOF "WHILE IN USE"
  - WR WEATHER RESISTANT
  - ⊕ FLOOR BOX
  - ⊕ POKE-THRU
  - ⊕ TELE-POWER POLE
  - ⊕ RECESSED MONITOR WALL BOX WITH ONE DUPLEX RECEPTACLE OUTLET AND ONE HDMI/DATA OUTLET
  - ⊕ PROVIDE BLANK-FACE GFI DEVICE ABOVE COUNTER TO FEED-THROUGH AND PROTECT UNDERCOUNTER OR OBSTRUCTED RECEPTACLE. LABEL GFI DEVICE WITH EQUIPMENT NAME (E.G. "UC REFRIG"). LABEL RECEPTACLE AS GFI PROTECTED BY REMOTE DEVICE ABOVE COUNTER. GFI IS REQUIRED TO BE READILY ACCESSIBLE PER NEC.
  - ⊕ HAND DRYER POWER CONNECTION
  - ⊕ HARDWIRE CONNECTION
  - ⊕ JUNCTION BOX
  - ⊕ HEAVY-DUTY MOTOR-RATED SWITCH
  - ⊕ DISCONNECT SWITCH, AMP RATING INDICATED
  - ⊕ DISCONNECT SWITCH, FUSED, AMP RATING INDICATED
  - 40A FUSE SIZE
  - 3P POLES
  - 40AF FUSE SIZE (IF FUSIBLE)
  - NF NON-FUSED (IF NOT FUSIBLE)
  - SN SOLID NEUTRAL
  - 0 NEMA STARTER SIZE
  - EXAMPLE: 60A/3P/0
  - ⊕ MANUAL MOTOR STARTER
  - ⊕ COMBINATION MAGNETIC MOTOR STARTER, NEMA SIZE INDICATED
  - ⊕ COMBINATION VARIABLE FREQUENCY DRIVE AND DISCONNECT
  - ⊕ VARIABLE FREQUENCY DRIVE
  - ⊕ EMERGENCY SHUTDOWN "MUSHROOM-HEAD" PUSHBUTTON WITH COVER
  - ⊕ MOTOR WITH DESIGNATOR
  - ⊕ BRANCH CIRCUIT HOME RUN WITH PANEL NAME AND CIRCUIT NUMBER
  - ⊕ BRANCH CIRCUIT WIRING, PROVIDE QUANTITIES OF CONDUCTORS REQUIRED FOR CIRCUITING AND SWITCHING AS REQUIRED
  - ⊕ LIGHTING PLANS: LOW-VOLTAGE WIRING
  - ⊕ OTHER PLANS: CONDUIT BELOW SLAB OR GRADE

**COMMUNICATIONS LEGEND:**

- UNLESS NOTED OTHERWISE ON DRAWINGS, FOR EACH COMMUNICATIONS OUTLET BELOW, PROVIDE SINGLE-GANG BOX WITH SINGLE-GANG MUDRING, WITH 1" CONDUIT WITH PULL CORD, WHERE NOTES "DG" PROVIDE DOUBLE-GANG BOX WITH DOUBLE-GANG MUDRING, WITH 1-1/2" CONDUIT WITH PULL CORD, STUBBED 90° TO NEAREST CABLE TRAY ABOVE ACCESSIBLE DROP CEILING IN CORRIDOR. PROVIDE NYLON BUSHING ON CONDUIT END.
- ⊕ COMBINATION TELEPHONE/DATA OUTLET - STANDARD SINGLE-GANG BOX WITH 2 CABLES PER OUTLET, 18" AFF UNLESS NOTED OTHERWISE
  - C COUNTER OR 48" AFF
  - DG DOUBLE-GANG BOX
  - PF PRESS FEED CONNECTION
  - (M) DENOTES QUANTITY OF PORTS
  - ⊕ CEILING MOUNTED TELEPHONE/DATA DEVICE
  - HDMI HDMI OUTLET, 18" AFF UNLESS NOTED OTHERWISE
  - ⊕ CATV OUTLET - PROVIDE TYPE F CONNECTOR WITH RG6/4 CABLEING TO CATV PANEL/RACK, 72" AFF UNLESS NOTED OTHERWISE
  - ⊕ WIRELESS ACCESS POINT
  - ⊕ CEILING/WALL MOUNTED SPEAKER

**SECURITY LEGEND:**

- UNLESS NOTED OTHERWISE ON DRAWINGS, FOR EACH SECURITY DEVICE BELOW, PROVIDE SINGLE-GANG BOX WITH SINGLE-GANG MUDRING, WITH 1" CONDUIT WITH PULL CORD STUBBED 90° TO NEAREST CABLE TRAY ABOVE ACCESSIBLE DROP CEILING IN CORRIDOR. PROVIDE NYLON BUSHING ON CONDUIT END. FOR DOOR HARDWARE, REFER TO DETAIL 2/8400 (TYPICAL DOOR PREPARATION FOR ACCESS CONTROL - WITH ADA DOOR OPERATOR)
- ⊕ SECURITY CAMERA
  - ⊕ MOTION SENSOR
  - ⊕ CARD READER, 48" AFF UNLESS NOTED OTHERWISE
  - ⊕ KEYPAD WITH CARD READER, 48" AFF UNLESS NOTED OTHERWISE
  - ⊕ ELECTRIC STRIKE OR HINGE - COORDINATE WITH DOOR HARDWARE
  - ⊕ LATCH RETRACTION - COORDINATE WITH DOOR HARDWARE
  - ⊕ DOOR CONTACT SWITCH - COORDINATE WITH DOOR HARDWARE
  - ⊕ MAGNETIC LOCK - COORDINATE WITH DOOR HARDWARE
  - ⊕ REQUEST TO EXIT - COORDINATE WITH DOOR HARDWARE
  - ⊕ PANIC BUTTON
  - ⊕ DOOR INTERCOM STATION
  - ⊕ AUTOMATIC DOOR "WAVE TO OPEN" PUSH PLATE, HANDICAP ACCESSIBLE

**PANEL LEGEND:**

- ELECTRICAL PANEL TYPE AS SCHEDULED
- ⊕ ELECTRICAL SYSTEMS CONTROL PANEL
- ⊕ FAC2 FIRE ALARM CONTROL PANEL
- ⊕ FAAP FIRE ALARM ANNUNCIATOR PANEL
- ⊕ NAC NOTIFICATION APPLIANCE CIRCUIT PANEL
- ⊕ ACP ACCESS CONTROL PANEL
- ⊕ SCP SECURITY CONTROL PANEL
- ⊕ BMS BUILDING-MANAGEMENT SYSTEM
- ⊕ SURGE PROTECTION DEVICE
- ⊕ TIME SWITCH, 7-DAY, SPST

NOTE: SYMBOLS SHOWN ON THIS ELECTRICAL SYMBOLS LIST ARE FOR REFERENCE PURPOSES ONLY. ALL OF THESE SYMBOLS MAY NOT BE USED FOR THIS PROJECT.

**LIGHT FIXTURE LEGEND:**

- NOTE: SEE LIGHTING FIXTURE SCHEDULE FOR LETTER DESIGNATION AND DESCRIPTION OF TYPES
- ⊕ LIGHTING FIXTURE AS SCHEDULED
  - ⊕ EMERGENCY LIGHTING FIXTURE WIRED THROUGH EMERGENCY RELAY DEVICE
  - ⊕ EXIT SIGN (WHERE USED, ARROW INDICATES CHEVRON DIRECTION)
  - ⊕ EMERGENCY BATTERY PACK
  - ⊕ EMERGENCY BYPASS RELAY
  - ⊕ POWERPACK
  - ⊕ LIGHTING CONTACTOR
  - ⊕ TIMECLOCK
  - ⊕ OCCUPANCY SENSOR, CEILING MTD - WAITSTOPPER DT-300 OR EQUAL WITH ALL POWER PACKS, ACCESSORIES, AND WIRING TO CONTROL ALL LIGHTS IN THE SPACE
  - ⊕ DAYLIGHT SENSOR
  - ⊕ PHOTOCELL
  - ⊕ WINDOW SHADE CONTROLLER
  - ⊕ SWITCH (NONE)
  - 1 SINGLE POLE TOGGLE SWITCH
  - 2 TWO-POLE TOGGLE SWITCH
  - 3 THREE-WAY TOGGLE SWITCH
  - 4 FOUR-WAY TOGGLE SWITCH
  - K KEYSWITCH
  - O OCCUPANCY SENSOR WALL SWITCH
  - O3 OCCUPANCY SENSOR, THREE-WAY WALL SWITCH
  - T TIME SWITCH
  - V VACANCY SENSOR WALL SWITCH
  - V3 VACANCY SENSOR, THREE-WAY WALL SWITCH
  - ⊕ LOWER CASE LETTER INDICATES SWITCH LEG
  - ⊕ WALL DIMMER SWITCH

**FIRE/LIFE SAFETY LEGEND:**

- ⊕ FIRE ALARM MANUAL PULL STATION, ADDRESSABLE
- ⊕ FIRE ALARM HORN AND STROBE COMBINATION - ADJACENT NUMBER DENOTES CANDELA RATING
- ⊕ FIRE ALARM HORN AND STROBE COMBINATION CEILING MOUNTED - ADJACENT NUMBER DENOTES CANDELA RATING
- ⊕ FIRE ALARM STROBE - ADJACENT NUMBER DENOTES CANDELA RATING
- ⊕ FIRE ALARM STROBE CEILING MOUNTED - ADJACENT NUMBER DENOTES CANDELA RATING
- ⊕ SMOKE DETECTOR, ADDRESSABLE
- ⊕ HEAT DETECTOR, ADDRESSABLE
- ⊕ DUCT DETECTOR, ADDRESSABLE
- ⊕ DUCT DETECTOR FOR SMOKE DAMPER, ADDRESSABLE [AHJ-19]
- ⊕ SMOKE DAMPER
- ⊕ REMOTE TEST STATION FOR DUCT DETECTOR
- ⊕ FIRE ALARM SHUT DOWN RELAY
- ⊕ ADDRESSABLE INPUT MONITOR MODULE
- ⊕ ADDRESSABLE OUTPUT CONTROL MODULE
- ⊕ MAGNETIC DOOR HOLD OPEN
- ⊕ FIREFIGHTER'S PHONE
- ⊕ KNOX BOX
- ⊕ ELEVATOR RECALL CONNECTION
- ⊕ ELEVATOR SHUTDOWN CONNECTION
- ⊕ ELEVATOR FIREMAN'S HAT INDICATOR CONNECTION
- ⊕ ELEVATOR SHUNT TRIP VOLTAGE MONITOR CONNECTION
- ⊕ FIRE SHUTTER
- ⊕ SHUNT TRIP

**ABBREVIATIONS:**

- ABF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GROUND
- BFG BELOW FINISHED GROUND
- CKT CIRCUIT
- ETR EXISTING TO REMAIN
- FWE FURNISHED WITH EQUIPMENT
- TYP TYPICAL
- WG PROVIDE WIRE GUARD

**GENERAL ELECTRICAL NOTES:**

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70), WITH THE SOUTH CAROLINA STATE BUILDING CODE, AND WITH LOCAL STATE CODES AND ORDINANCES.
- BUILDING:** ALL CONDUIT AND WIRING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. ALL DEVICE OUTLET BOXES SHALL BE RECESSED UNLESS NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. WHERE APPROVED OR NOTED, SURFACE METAL RACEWAY AND DEVICE SHALL BE USED IN-STEAD OF CONDUIT AND CONCEALED BOXES AT NO EXTRA COST TO THE OWNER.
- ALL CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY FINAL ROUTE.
- CONDUIT RUNS SHOWN ARE SCHEMATIC AND DO NOT INDICATE THE NECESSARY FITTINGS AND JUNCTION BOXES THAT ARE INCLUDED IN THE SCOPE OF THE WORK.

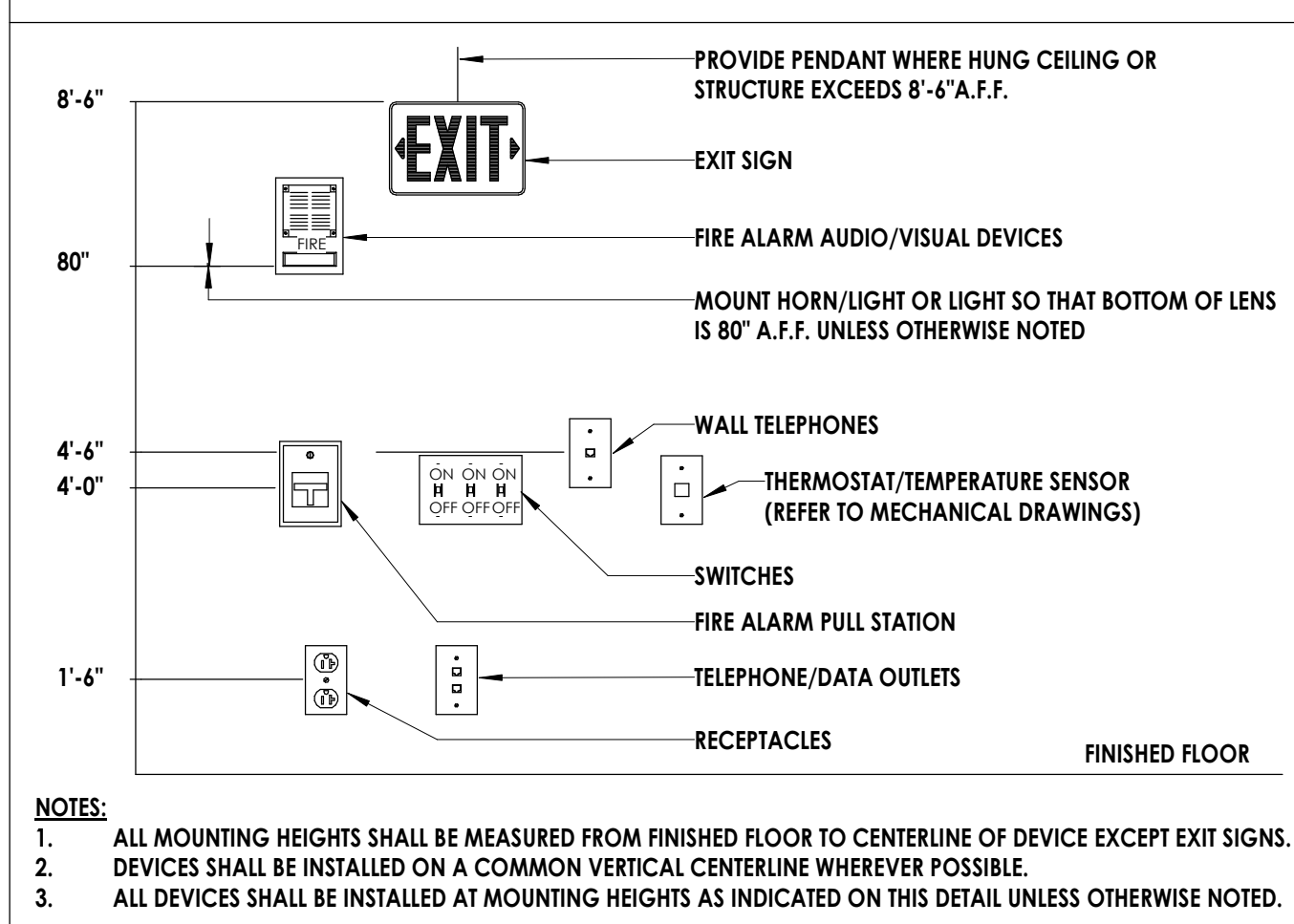
**GROUNDING:**

- ALL METAL RACEWAYS, INCLUDING CONDUIT, WIRE TROUGHS, WIREMOLD, ETC., SHALL BE GROUNDED. ALL CONNECTIONS IN METAL RACEWAYS SHALL BE COMPLETED IN SUCH A MANNER AS TO MAINTAIN A CONTINUOUS PATH TO GROUND THROUGHOUT THE ENTIRE LENGTH OF THE RACEWAY.

**WIRING:**

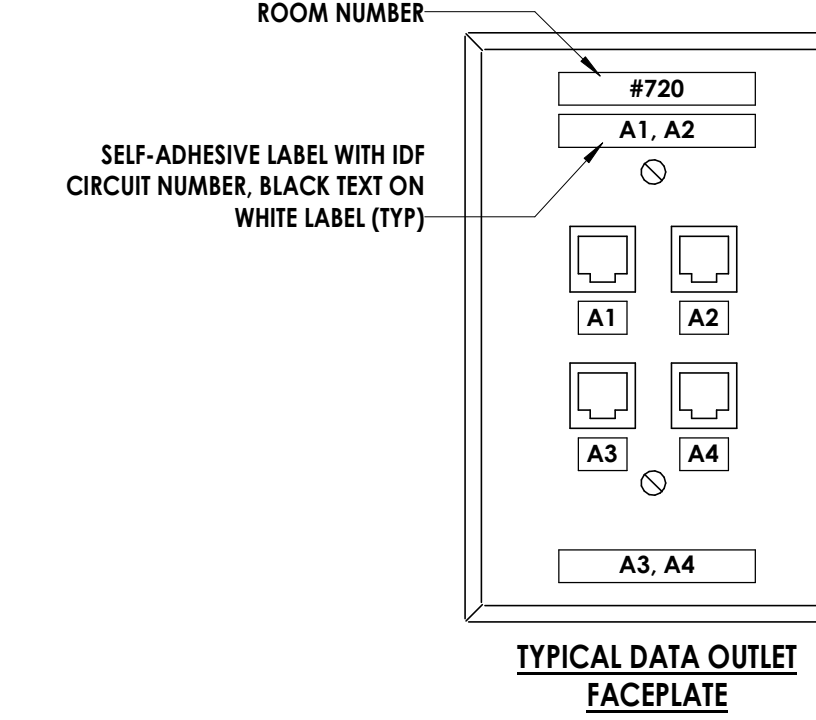
- UNLESS NOTED OTHERWISE ON THE DRAWINGS, EACH BRANCH CIRCUIT SHALL BE 2#12, 1#12G; 3/4" CONDUIT. COMBINED NEUTRALS ARE NOT PERMITTED. PROVIDE #18 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 100 FEET; PROVIDE #8 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 150 FEET; INCREASE CONDUIT SIZE AS REQUIRED.

**TYPICAL DEVICE MOUNTING HEIGHTS DETAIL**



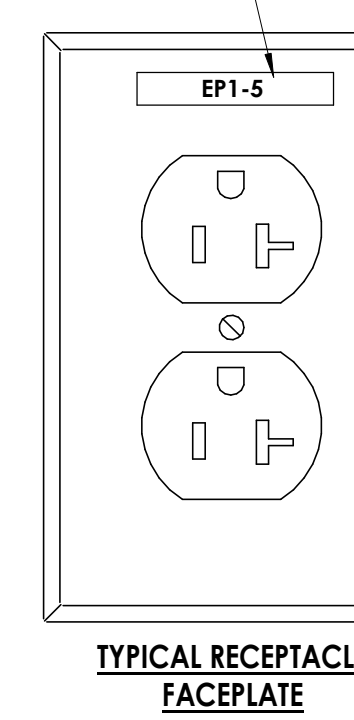
- NOTES:
- ALL MOUNTING HEIGHTS SHALL BE MEASURED FROM FINISHED FLOOR TO CENTERLINE OF DEVICE EXCEPT EXIT SIGNS. DEVICES SHALL BE INSTALLED ON A COMMON VERTICAL CENTERLINE WHEREVER POSSIBLE.
  - ALL DEVICES SHALL BE INSTALLED AT MOUNTING HEIGHTS AS INDICATED ON THIS DETAIL UNLESS OTHERWISE NOTED.

PROVIDE LABEL INDICATING MDF/IDF ROOM NUMBER



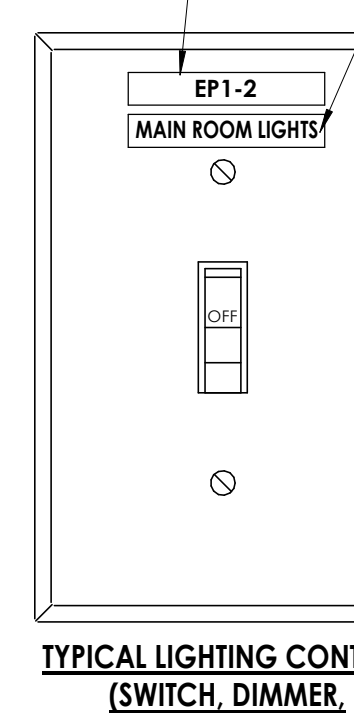
TYPICAL DATA OUTLET FACEPLATE

SELF-ADHESIVE LABEL WITH PANEL & CIRCUIT NUMBER, BLACK TEXT ON WHITE LABEL (TYP)



TYPICAL RECEPTACLE FACEPLATE

SELF-ADHESIVE LABEL WITH PANEL & CIRCUIT NUMBER, BLACK TEXT ON WHITE LABEL (TYP)



TYPICAL LIGHTING CONTROL [SWITCH, DIMMER, OCCUPANCY SENSOR] FACEPLATE

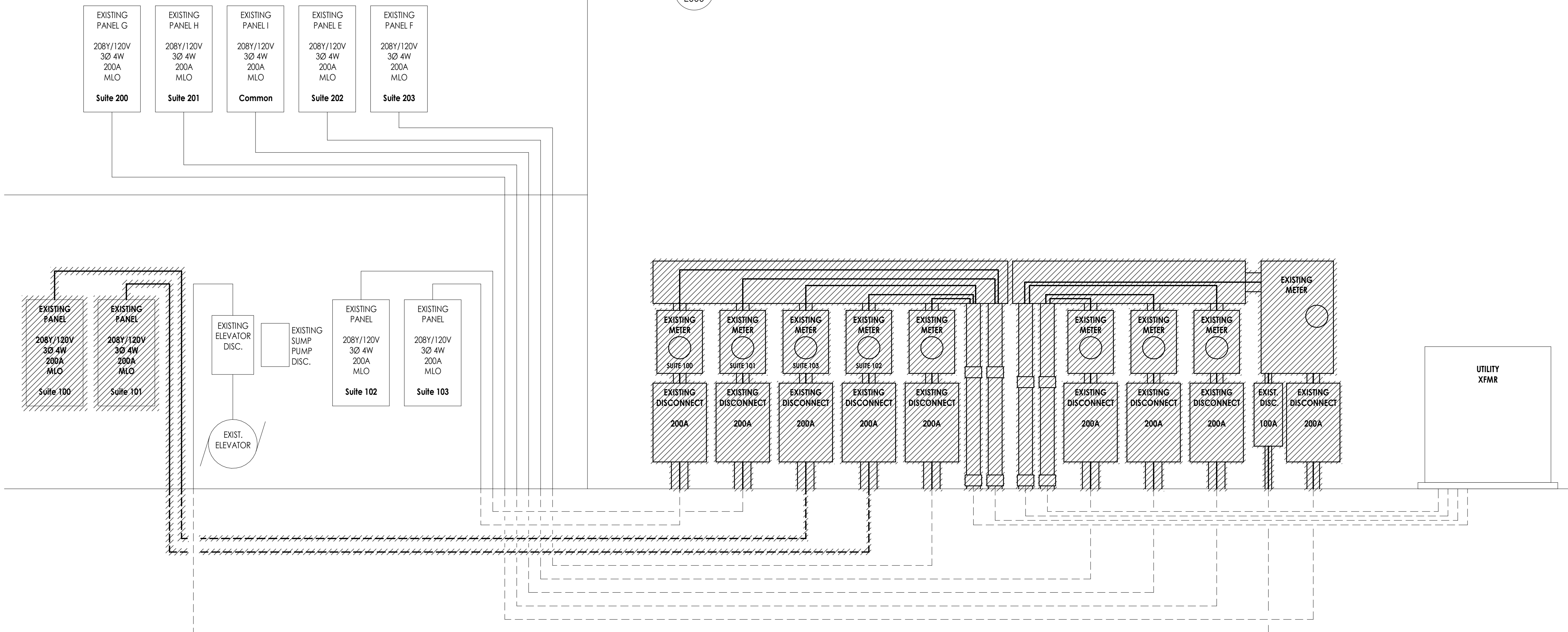
**NOTES:**

- PROVIDE LABEL FOR ALL WIRING DEVICES, INCLUDING BUT NOT LIMITED TO:
  - RECEPTACLES
  - LIGHT SWITCHES
  - WALL DIMMERS
  - WALL OCCUPANCY SENSORS
  - FAN SPEED CONTROLS
  - EMERGENCY STOP BUTTONS (SHUNT-TRIP CIRCUIT)
  - MANUAL MOTOR STARTERS
  - REMOTE CONTROL SWITCHES
  - CONTROL DEVICES
  - VARIABLE FREQUENCY DRIVES
  - DISCONNECT SWITCHES
  - TELEPHONE & DATA DEVICES
- LABEL SHALL BE EMBOSSED ADHESIVE TAPE, WITH 1/8" INCH BLACK-FILLED LETTERS ON CLEAR BACKGROUND.

- FOR MULTIPLE LIGHTING CONTROLS IN SAME ROOM, PROVIDE LABEL INDICATING LIGHTS SERVED BY THIS CONTROL
- FOR MULTIPLE LIGHTING CONTROLS IN SAME ROOM, ALSO PROVIDE LABEL INDICATING LIGHTS SERVED BY EACH CONTROL
- FOR MANUAL MOTOR STARTERS AND SWITCHES USED TO CONTROL MOTORS OR EQUIPMENT OTHER THAN LIGHTS, ALSO PROVIDE LABEL INDICATING EQUIPMENT SERVED BY THE CONTROL
- WHEN LABELING OUTDOOR DEVICES, LABEL SHALL BE INSTALLED ON THE FACEPLATE INSIDE THE WEATHERPROOF DEVICE COVER, NOT ON THE OUTSIDE OF THE COVER.

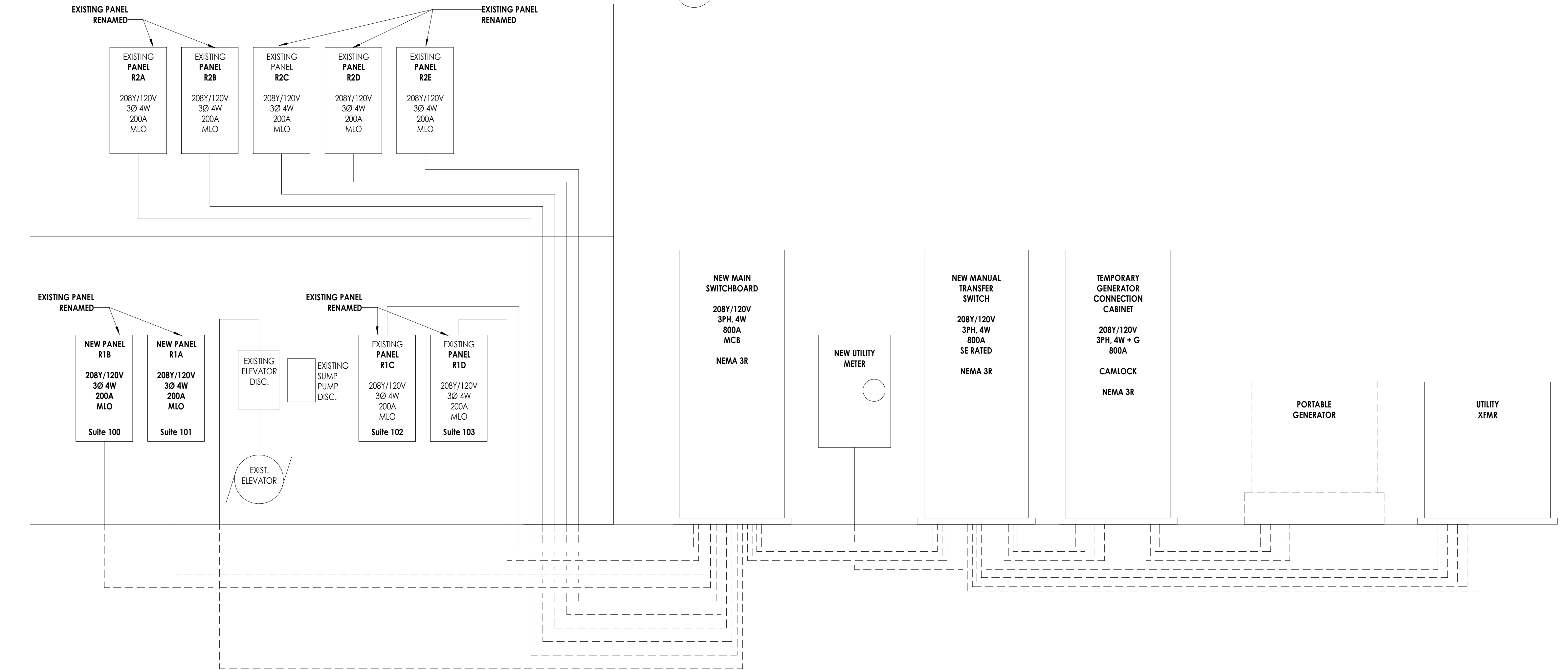
**3 TYPICAL WIRING DEVICE LABELING DETAIL**

E000 NOT TO SCALE



**1 ELECTRICAL RISER DIAGRAM - DEMOLITION**

E000 NOT TO SCALE



**2 ELECTRICAL RISER DIAGRAM - NEW**

E000 NOT TO SCALE



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CPLteam.com

**PROJECT INFORMATION**

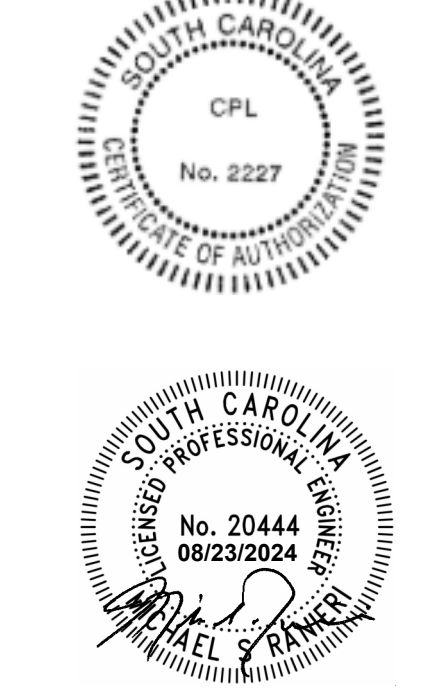
Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE

Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**

Issue No. Description

**PROFESSIONAL STAMPS**



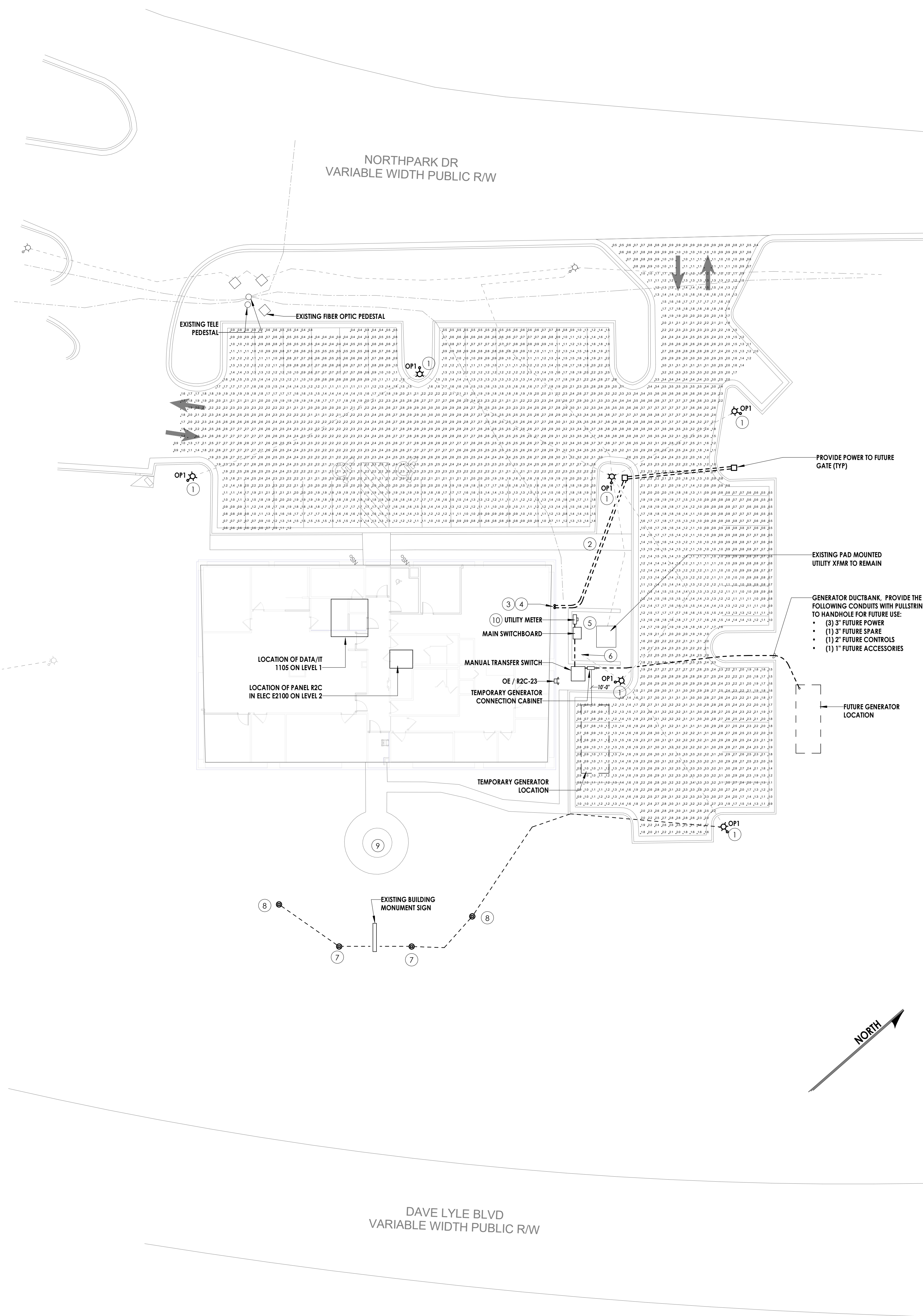
**SHEET INFORMATION**

Name: As indicated  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn by: JMSH  
Checked by: MSR  
Drawing Title: ELECTRICAL SYMBOLS LEGEND, NOTES & SYSTEM DIAGRAMS  
Drawing Number: E000

SITE LUMINAIRE SCHEDULE									
MARK	DESCRIPTION	MANUFACTURER	MODEL #	VOLTS	WATTS	LUMENS	TYPE	MOUNTING	REMARKS
OE	LED EMERGENCY BATTERY UNIT, IMPACT-RESISTANT THERMOPLASTIC GRAY HOUSING, 90 MINUTE SEALED, MAINTENANCE-FREE NI-CAD BATTERY, UL LISTED FOR WET LOCATIONS, UL'S94 LISTED	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	WLTU NI-CAD	120-277	10	-	-	WALL MOUNT AT 9'-0" AFG	-
OP1	LED AREA LUMINAIRE, ALUMINUM HOUSING, ACRYLIC LENS WITH TYPE 4 DISTRIBUTION WITH HOUSE SIDE SHIELD, UL LISTED FOR WET LOCATIONS	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	RSX1 LED-P2-40K-R4-MVOLT-RFA-HS-DBDXD	MVOLT	72	9972	4000K LED	SURFACE	1

**SITE LUMINAIRE SCHEDULE REMARKS**

- MATCH LUMINAIRE TO EXISTING POLE FINISH. COORDINATE PRIOR TO ORDERING FIXTURES.



SITE LIGHTING CALCULATIONS  
ADDED FOR JUNE ROCK HILL  
COMMENTS DATED 7/03/2024.

**GENERAL SITE NOTES:**

- CONDUIT LINES SHALL HAVE A CONTINUOUS SLOPE DOWNWARD AND AWAY FROM EQUIPMENT SO THAT WATER WILL FLOW AWAY FROM THE EQUIPMENT. TRENCHES SHALL BE EXCAVATED ALONG STRAIGHT LINES BEFORE CONDUITS ARE LAID SO THAT THE SLOPE CAN BE ADJUSTED, IF NECESSARY, TO AVOID UNSEEN OBSTRUCTIONS. MANUFACTURED BENDS SHALL HAVE A MINIMUM RADIUS OF 48" FOR UTILITY SERVICE CONDUITS, 36" FOR OTHER CONDUITS.
- ALL CONDUITS SHALL BE SEALED WATERTIGHT ON INTERIOR AND EXTERIOR OF EQUIPMENT AND BUILDING TO PREVENT MOISTURE INFILTRATION. SEALANTS SHALL BE LISTED AND IDENTIFIED FOR USE WITH THE CABLE INSULATION OR OTHER COMPONENTS.
- CONTRACTOR SHALL NOT COMMENCE EXCAVATION OR DIGGING UNTIL AFTER CONTRACTOR HAS HAD UTILITY LOCATING SERVICES LOCATE AND IDENTIFY ALL EXISTING UNDERGROUND UTILITIES AND OTHER SYSTEMS. DAMAGE CAUSED TO EXISTING SYSTEMS SHALL BE REPAIRED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.
- COORDINATE WITH CIVIL AND ARCHITECTURAL PLANS.
- ALL EMPTY CONDUITS SHALL INCLUDE PULL-STRING.

**SITE PLAN NOTES:**

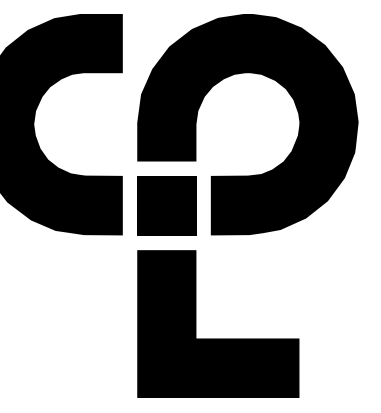
- DISCONNECT AND REMOVE EXISTING POLE MOUNTED FIXTURE. RETAIN CONDUIT/WIRING FOR CONNECTION TO NEW.
- PATCH AND REPAIR EXISTING SIDEWALK AND GRADE WHERE DISTURBED DUE TO CONDUIT ROUTINGS.
- ROUTE ONE(1) 1/2" CONDUIT FOR POWER ABOVE CEILING AND OVER TO PANEL R2C IN ELEC E2100. PAINT CONDUITS TO MATCH SIDE OF BUILDING. COORDINATE WITH ARCHITECT.
- ROUTE ONE(1) 2" CONDUIT FOR DATA ABOVE CEILING AND OVER TO DATA/IT 1105. PAINT CONDUITS TO MATCH SIDE OF BUILDING. COORDINATE WITH ARCHITECT.
- MAINTAIN NEC REQUIRED CLEARANCES BETWEEN NEW EQUIPMENT AND EXISTING UTILITY TRANSFORMER.
- INTERCEPT EXISTING SITE LIGHTING CIRCUITS (R2C-13/15/17) AND MAINTAIN CONNECTIONS TO EXISTING PANEL. EXTEND WIRING AS REQUIRED. WIRING SIZE TO MATCH EXISTING.
- DISCONNECT AND REMOVE EXISTING SIGN LUMINAIRES. MAINTAIN CIRCUIT (R2C-21) FOR RECONNECTION TO NEW LUMINAIRE. EXTEND WIRING AS REQUIRED.
- BASE BID:** DISCONNECT AND REMOVE EXISTING SITE FIXTURE. ABANDON EXISTING CONDUIT AND WIRING IN PLACE. TURN OFF EXISTING CIRCUIT BREAKER (R2C-23) AND LABEL AS "SPARE" IN PANEL DIRECTORY. PROVIDE BLANK COVER ON JUNCTION BOX(ES) LABELED "SPARE - NOT IN USE". **BID ALTERNATE:** DISCONNECT AND REMOVE EXISTING SITE FIXTURE, WIRING AND CONDUIT IN ITS ENTIRETY. TURN OFF EXISTING CIRCUIT BREAKER (R2C-23) AND LABEL AS "SPARE" IN PANEL DIRECTORY.
- BASE BID:** DISCONNECT AND REMOVE EXISTING POWER CONNECTIONS TO FOUNTAIN. ABANDON EXISTING CONDUIT AND WIRING IN PLACE. TURN OFF EXISTING CIRCUIT BREAKER AND LABEL AS "SPARE" IN PANEL DIRECTORY. PROVIDE BLANK COVER ON JUNCTION BOX(ES) LABELED "SPARE - NOT IN USE". **FIELD VERIFY EXACT CIRCUIT.** **BID ALTERNATE:** DISCONNECT AND REMOVE EXISTING POWER CONNECTIONS TO FOUNTAIN. WIRING AND CONDUIT IN ITS ENTIRETY. TURN OFF EXISTING CIRCUIT BREAKER AND LABEL AS "SPARE" IN PANEL DIRECTORY. **FIELD VERIFY EXACT CIRCUIT.**
- CONDUIT BETWEEN UTILITY METER AND PAD MOUNTED UTILITY TRANSFORMER IS EXISTING TO REMAIN FOR REUSE.

**PROFESSIONAL STAMPS**



**1 ELECTRICAL SITE PLAN**  
E050  
1/16" = 1'-0"





**DEMOLITION GENERAL NOTES:**

- A. FIELD VERIFY ALL CIRCUITS.
- B. DASHED LINES INDICATE ITEM TO BE REMOVED.
- C. REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT IN THE RENOVATED AREA UNLESS OTHERWISE NOTED. REROUTING OF EXISTING CONDUITORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK. FOR DEVICES SHOWN, PROVIDE WORK AS DENOTED BELOW.
  - (ETR) DENOTES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. ARE EXISTING TO REMAIN. THEY AND THEIR ASSOCIATED CIRCUITING, CABLING, AND RACEWAYS SHALL REMAIN.
- D. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO SOURCE. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, RE-CIRCUIT DEVICES AS INDICATED ON PLANS AND PROVIDE ADDITIONAL WIRING/CONDUIT AS REQUIRED. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.
- E. PROVIDE NEW LABEL ON DEVICE PLATES WITH CORRECT PANEL/CIRCUIT PER SPECIFICATIONS.

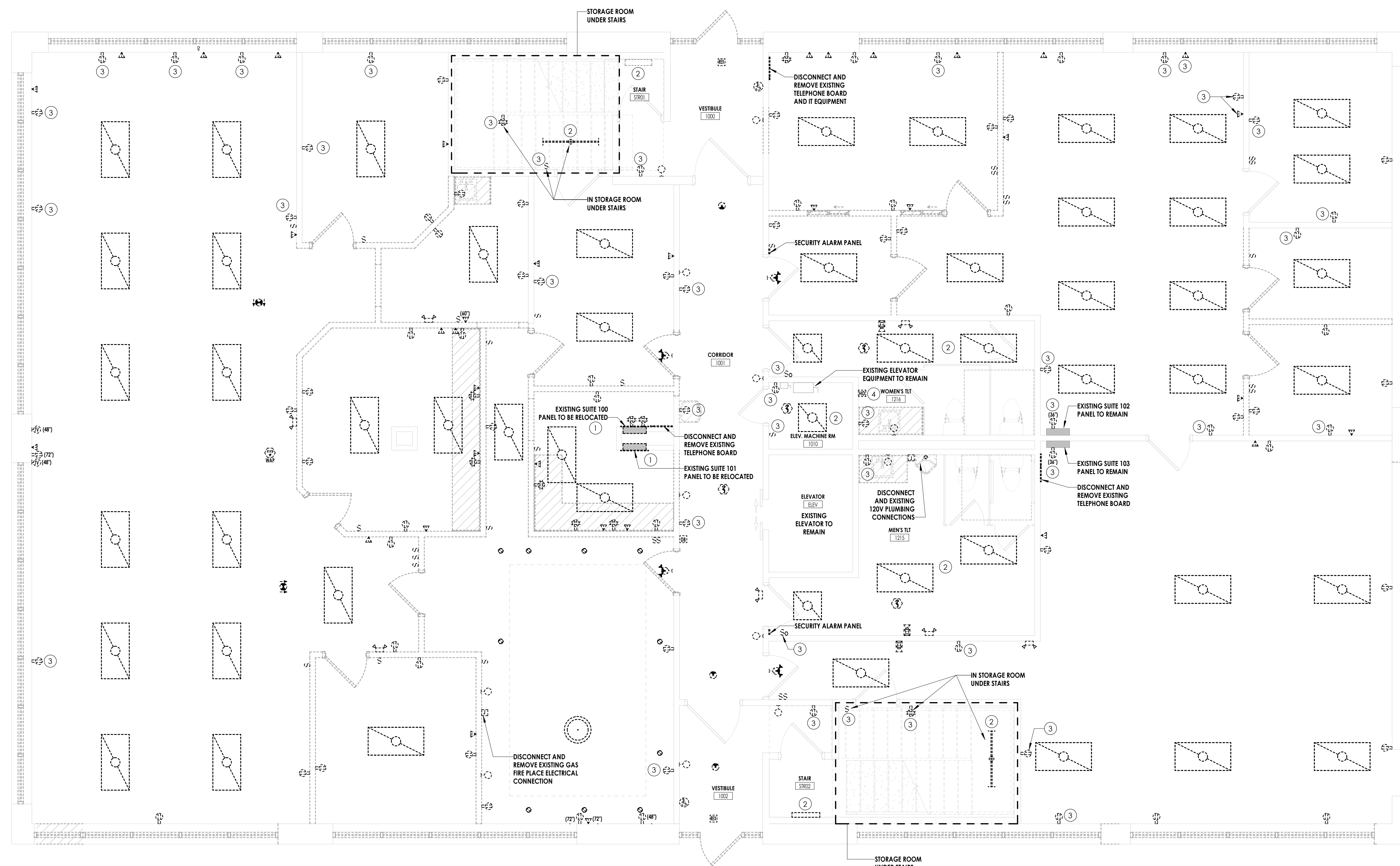
**DEMOLITION PLAN NOTES:**

- 1. EXISTING PANELBOARD TO BE RELOCATED.
- 2. DISCONNECT AND REMOVE EXISTING LUMINAIRES AND EXIT SIGNS. ALL ASSOCIATED WIRING/CONDUIT SHALL REMAIN AND BE REUSED FOR NEW LUMINAIRES.
- 3. DISCONNECT AND REMOVE EXISTING DEVICE FOR REPLACEMENT OF DEVICE AND COVERPLATE.
- 4. DISCONNECT AND REMOVE EXISTING HAND DRYER. REMOVE EXISTING CONDUIT AND WIRING BACK TO SOURCE. TURN HAND DRYER OVER TO OWNER.

**PROJECT INFORMATION**

Project Number: R23.00720.00  
Client Name: YORK COUNTY, SC  
Project Name: DISTRICT 3 SHERIFF'S OFFICE  
Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**



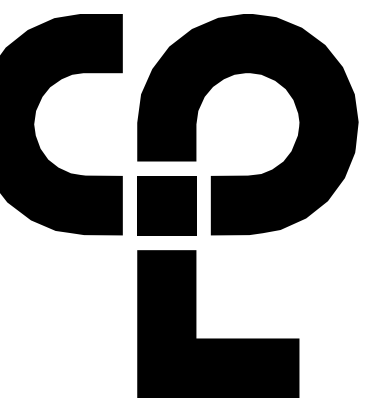
**1 ELECTRICAL - LEVEL 1 - DEMOLITION PLAN**  
E100 1/4" = 1'-0"

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: JMRH Checked By: MSR  
Drawing Title: ELECTRICAL - LEVEL 1 - DEMOLITION PLAN  
Drawing Number:



**DEMOLITION GENERAL NOTES**

- A. FIELD VERIFY ALL CIRCUITS.
- B. DASHED LINES INDICATE ITEM TO BE REMOVED.
- C. REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT IN THE RENOVATED AREA UNLESS OTHERWISE NOTED. REROUTING OF EXISTING CONDUITORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK. FOR DEVICES SHOWN, PROVIDE WORK AS DENOTED BELOW.
  - (ETR) DENOTES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. ARE EXISTING TO REMAIN. THEY AND THEIR ASSOCIATED CIRCUITING, CABLING, AND RACEWAYS SHALL REMAIN.
- D. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO SOURCE. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, RE-CIRCUIT DEVICES AS INDICATED ON PLANS AND PROVIDE ADDITIONAL WIRING/CONDUIT AS REQUIRED. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.
- E. PROVIDE NEW LABEL ON DEVICE PLATES WITH CORRECT PANEL/CIRCUIT PER SPECIFICATIONS.

**DEMOLITION PLAN NOTES:**

- 1. EXISTING PANELBOARD TO BE RELOCATED.
- 2. DISCONNECT AND REMOVE EXISTING LUMINAIRES AND EXIT SIGNS. ALL ASSOCIATED WIRING/CONDUIT SHALL REMAIN AND BE REUSED FOR NEW LUMINAIRES.
- 3. DISCONNECT AND REMOVE EXISTING DEVICE FOR REPLACEMENT OF DEVICE AND COVERPLATE.
- 4. DISCONNECT AND REMOVE EXISTING HAND DRYER. REMOVE EXISTING CONDUIT AND WIRING BACK TO SOURCE. TURN HAND DRYER OVER TO OWNER.

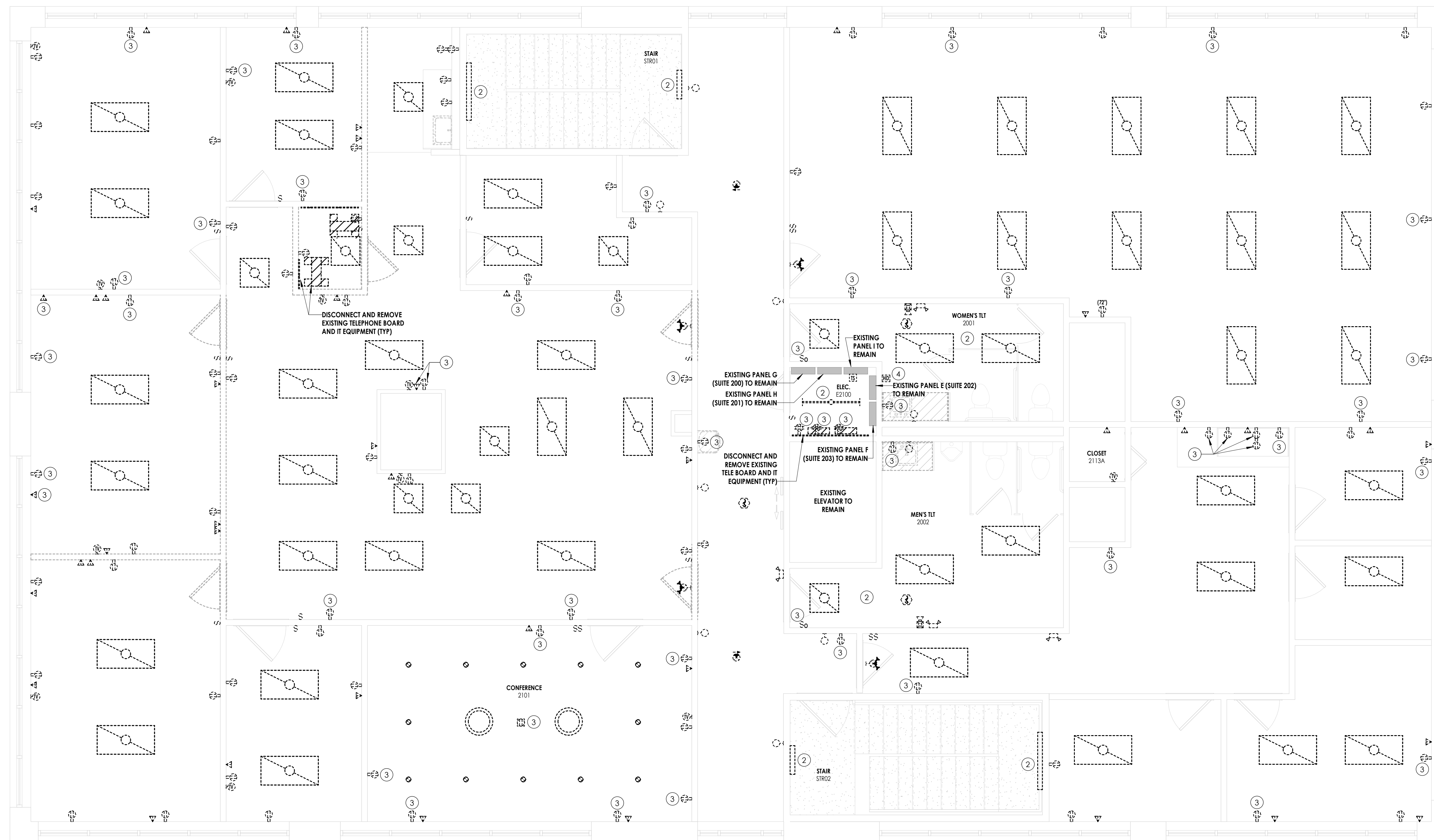
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**PROJECT ISSUE & REVISION SCHEDULE**



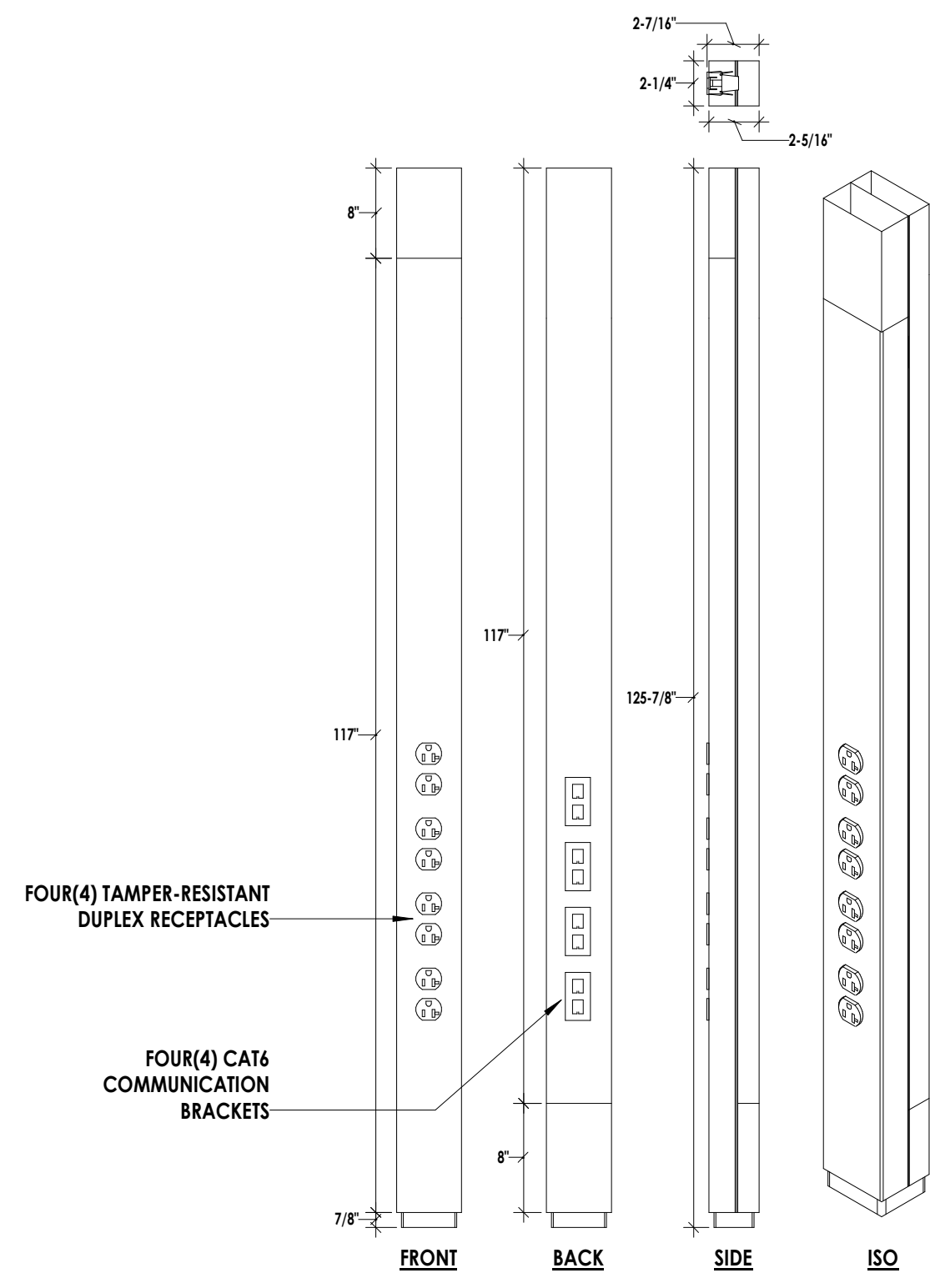
**1 ELECTRICAL - LEVEL 2 - DEMOLITION PLAN**  
E101 1/4" = 1'-0"

**PROFESSIONAL STAMPS**

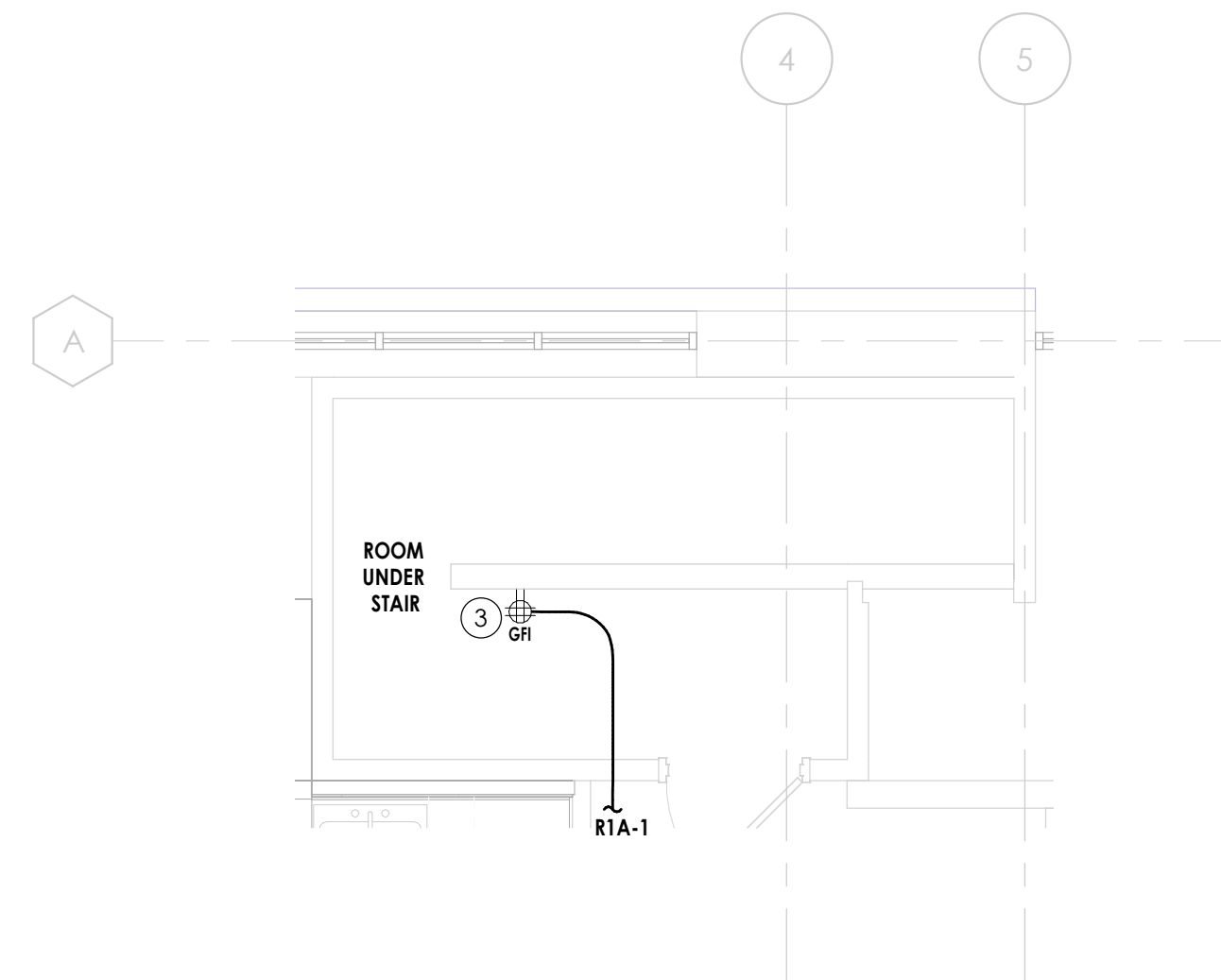


**SHEET INFORMATION**

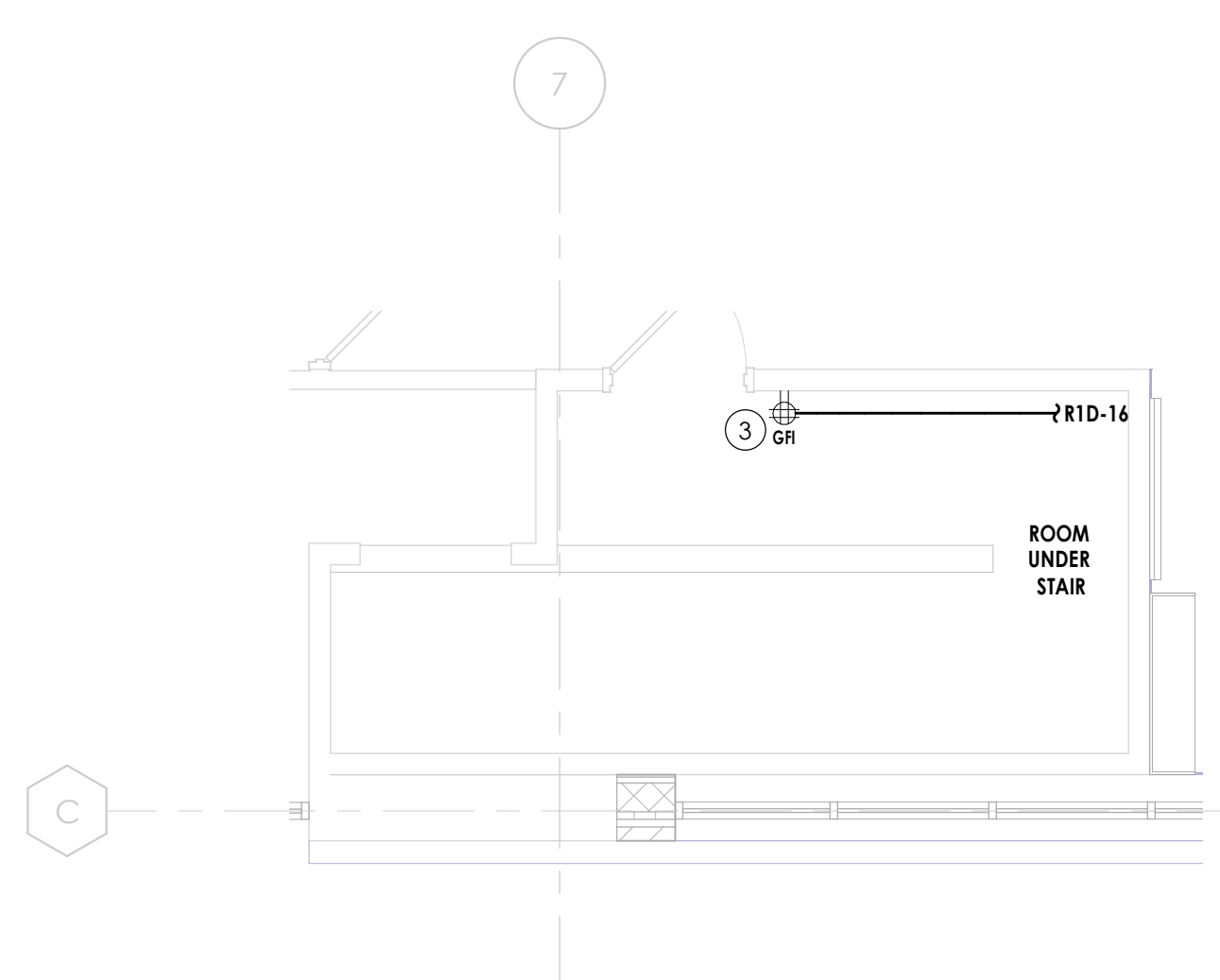
Name: Scale: As indicated  
Date: 05/09/2024  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: JMR Checked By: MSR  
Drawing Title: ELECTRICAL - LEVEL 2 - DEMOLITION PLAN  
Drawing Number:



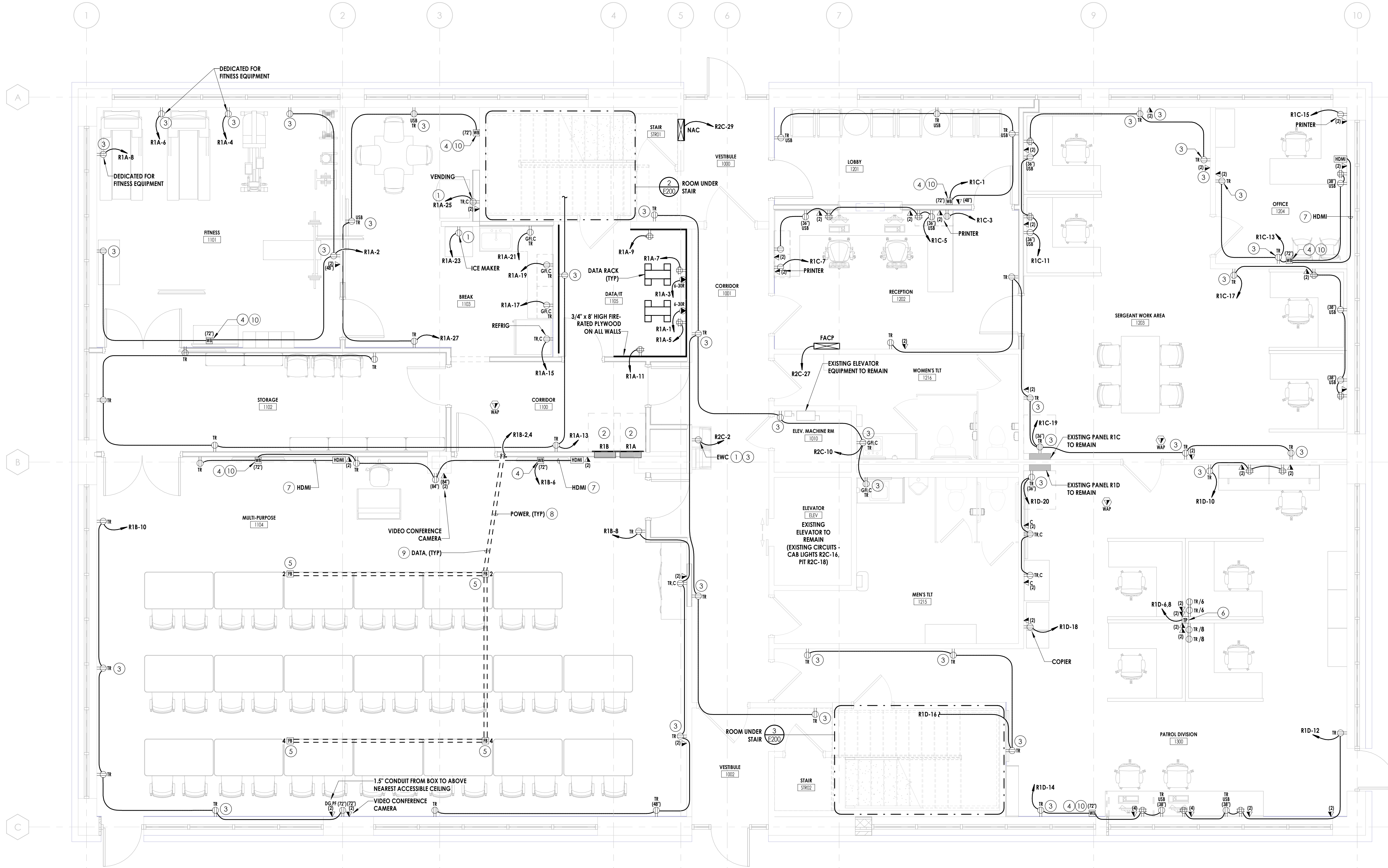
4 TELE-POWER POLE DETAIL  
E200 3/8" = 1'-0"



2 ROOM UNDER STAIR STR01 - ELECTRICAL PLAN  
E200 1/4" = 1'-0"



3 ROOM UNDER STAIR STR02 - ELECTRICAL PLAN  
E200 1/4" = 1'-0"



1 ELECTRICAL - LEVEL 1 - POWER PLAN  
E200 1/4" = 1'-0"

- POWER GENERAL NOTES:**
- FOR ALL PANELS AND OTHER ELECTRICAL EQUIPMENT, MAINTAIN MINIMUM WORKING CLEARANCES IN THE DIRECTION OF LIVE PARTS PER NEC 110.26.
  - LABEL ALL WIRING DEVICES WITH PANEL/CIRCUIT SERVING DEVICE.
  - COORDINATE EXACT LOCATIONS OF DEVICES WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
  - DEVICES IN CLOSE PROXIMITY SHALL BE CHANGED WHEREVER POSSIBLE. PROVIDE METAL DIVIDER BETWEEN DEVICES OF DIFFERENT VOLTAGES OR DIFFERENT SYSTEMS. ALL DEVICE LOCATIONS SHALL BE APPROVED BY THE ARCHITECT BEFORE WALLS ARE CLOSED.
  - ALL CONDUITS SHALL BE SEALED WATER-TIGHT ON INTERIOR AND EXTERIOR OF EQUIPMENT AND BUILDING TO PREVENT MOISTURE INFILTRATION. SEALANTS SHALL BE LISTED AND IDENTIFIED FOR USE WITH CABLE INSULATION OR OTHER COMPONENTS.
  - COORDINATE ALL ROUGH-IN LOCATIONS AND ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER AND MANUFACTURER'S INSTRUCTIONS PRIOR TO ROUGH-IN.
  - COORDINATE EXACT CIRCUIT REQUIREMENTS WITH ACTUAL EQUIPMENT NAMEPLATE PRIOR TO WORK.
  - COORDINATE EXACT NAME DESIGNATION OF HVAC EQUIPMENT WITH OWNER AND MECHANICAL CONTRACTOR PRIOR TO LABELING OF DISCONNECT AND PANEL DIRECTORY.
  - COORDINATE WITH HVAC CONTROLS CONTRACTOR FOR ANY 120V POWER REQUIRED.
  - LIMITED ACCESS WORKING SPACE FOR HVAC EQUIPMENT ABOVE CEILING (VAV'S, FCU'S, BB'S, ETC.) SHALL COMPLY WITH NEC 110.26(A)(4) REQUIREMENTS.
  - DISCONNECTS FOR FCU'S AND BB'S ARE FURNISHED WITH EQUIPMENT.
  - COORDINATE EXACT MOUNTING HEIGHT AND LOCATIONS OF ALL TELEVISIONS PRIOR TO ROUGH-IN.
  - PROVIDE SINGLE-GANG BOX WITH 1-1/2" CONDUIT WITH PULL CORD TO ABOVE ACCESSIBLE CEILING IN NEAREST CORRIDOR FOR STANDALONE HDMI OUTLETS AND 4-PORT DATA DEVICES.
  - PROVIDE DOUBLE-GANG BOX WITH 1-1/2" CONDUIT WITH PULL CORD TO ABOVE ACCESSIBLE CEILING IN NEAREST CORRIDOR FOR 8-PORT DATA DEVICES.
  - FOR DEVICES SHOWN, PROVIDE WORK AS NOTED BELOW:  
 • (ETR) EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. ARE EXISTING TO REMAIN, THEY AND THEIR ASSOCIATED CIRCUITING, CABLING, AND RACEWAYS SHALL REMAIN.

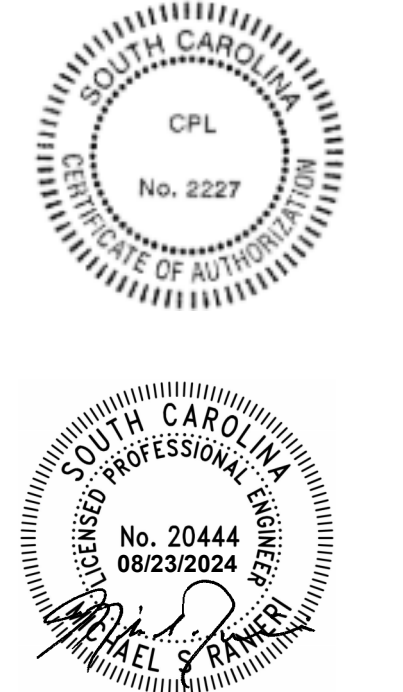
- POWER PLAN NOTES:**
- PROVIDE WITH GFCI CIRCUIT BREAKER.
  - EXISTING, RELOCATED PANELBOARD.
  - PROVIDE DEVICE INDICATED WITH COVERPLATE PER SPECIFICATIONS.
  - PROVIDE WALLBOX EQUIVALENT TO LEGRAND #4852. PROVIDE BASIS OF (1) DUPLEX RECEPTACLE, (2) CAT 6 COMMUNICATIONS BRACKETS, AND (1) CAT 6 F-CONNECTOR FEMALE BRACKET. COORDINATE WITH OWNER PRIOR TO SELECTING BRACKETS. COORDINATE WITH WALL FINISH, TV LOCATION, AND OTHER TRADES PRIOR TO ROUGH-IN. PROVIDE WITH HINGED COVER ASSEMBLY. FOR DATA AND AV PROVIDE 1" CONDUIT WITH PULL CORD, STUBBED 90-DEGREE TO ABOVE ACCESSIBLE CEILING IN CORRIDOR. PROVIDE NYLON BUSHING ON CONDUIT END.
  - PROVIDE ON-GRADE FLOOR BOX EQUIVALENT TO LEGRAND #RFB4AR300G. BRUSHED ALUMINUM ROUND COVER. PROVIDE BASIS OF (1) TAMPER-RESISTANT DUPLEX RECEPTACLE, (1) CAT 6 COMMUNICATION BRACKET. COORDINATE WITH OWNER PRIOR TO SELECTING BRACKETS. COORDINATE FLOOR FINISH, FURNITURE LOCATIONS, AND OTHER TRADES PRIOR TO ROUGH-IN. PROVIDE NYLON BUSHING ON CONDUIT END.
  - PROVIDE SQUARE-STEEL TELE-POWER POLE EQUIVALENT TO LEGRAND # 250TP-4D. PROVIDE BASIS OF (4) TAMPER-RESISTANT DUPLEX RECEPTACLE, (4) CAT 6 COMMUNICATION BRACKETS. COORDINATE WITH OWNER PRIOR TO SELECTING BRACKETS. COORDINATE FINISH, FURNITURE LOCATIONS, AND OTHER TRADES PRIOR TO ROUGH-IN. FOR DATA PROVIDE PULL CORD FROM BRACKETS TO ABOVE CEILING. REFER TO DETAIL 4/E200.
  - PROVIDE MINIMUM 1-1/2" CONDUIT WITH PULL CORD FOR HDMI CABLING BETWEEN HDMI OUTLET TO TV LOCATION AND TURN UP AND STUB 90-DEGREE ABOVE NEAREST ACCESSIBLE CEILING. PROVIDE NYLON BUSHING ON CONDUIT END.
  - PROVIDE MINIMUM 1/2" CONDUIT FOR POWER BETWEEN FLOORBOX AND TV LOCATION.
  - PROVIDE MINIMUM 1-1/2" CONDUIT WITH PULL CORD FOR DATA/AV TO WALL AND TURN UP AND STUB 90-DEGREE TO ACCESSIBLE CEILING IN CORRIDOR. PROVIDE NYLON BUSHING ON CONDUIT END.
  - PROVIDE 2" x 8" WOOD BLOCKING BETWEEN STUDS ABOVE AND BELOW WALL BOX IN THE WALL AT ALL TV LOCATIONS.



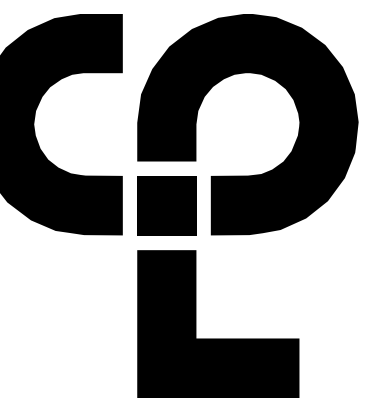
**PROJECT INFORMATION**  
 Project Number: R23.00720.00  
 Client Name: YORK COUNTY, SC  
 Project Name: DISTRICT 3 SHERIFF'S OFFICE  
 Project Address: 236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**  
 7

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**  
 Name: 05/09/2024 Scale: As indicated  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: JMSH Checked By: MSR  
 Drawing Title: ELECTRICAL - LEVEL 1 - POWER PLAN  
 Drawing Number:



**POWER GENERAL NOTES:**

- A. FOR ALL PANELS AND OTHER ELECTRICAL EQUIPMENT, MAINTAIN MINIMUM WORKING CLEARANCES IN THE DIRECTION OF LIVE PARTS PER NEC 110.26.
- B. LABEL ALL WIRING DEVICES WITH PANEL/CIRCUIT SERVING DEVICE.
- C. COORDINATE EXACT LOCATIONS OF DEVICES WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- D. DEVICES IN CLOSE PROXIMITY SHALL BE CHANGED WHEREVER POSSIBLE. PROVIDE METAL DIVIDER BETWEEN DEVICES OF DIFFERENT VOLTAGES OR DIFFERENT SYSTEMS. ALL DEVICE LOCATIONS SHALL BE APPROVED BY THE ARCHITECT BEFORE WALLS ARE CLOSED.
- E. ALL CONDUITS SHALL BE SEALED WATERTIGHT ON INTERIOR AND EXTERIOR OF EQUIPMENT AND BUILDING TO PREVENT MOISTURE INFILTRATION. SEALANTS SHALL BE LISTED AND IDENTIFIED FOR USE WITH CABLE INSULATION OR OTHER COMPONENTS.
- F. COORDINATE ALL ROUGH-IN LOCATIONS AND ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER AND MANUFACTURER'S INSTRUCTIONS PRIOR TO ROUGH-IN.
- G. COORDINATE EXACT CIRCUIT REQUIREMENTS WITH ACTUAL EQUIPMENT NAMEPLATE PRIOR TO WORK.
- H. COORDINATE EXACT NAME DESIGNATION OF HVAC EQUIPMENT WITH OWNER AND MECHANICAL CONTRACTOR PRIOR TO LABELING OF DISCONNECT AND PANEL DIRECTORY.
- I. COORDINATE WITH HVAC CONTROLS CONTRACTOR FOR ANY 120V POWER REQUIRED.
- J. LIMITED ACCESS WORKING SPACE FOR HVAC EQUIPMENT ABOVE CEILING (VA'S, FCU'S, BB'S, ETC.) SHALL COMPLY WITH NEC 110.26(A)(4) REQUIREMENTS.
- K. DISCONNECTS FOR FCU'S AND BB'S ARE FURNISHED WITH EQUIPMENT.
- L. COORDINATE EXACT MOUNTING HEIGHT AND LOCATIONS OF ALL TELEVISIONS PRIOR TO ROUGH-IN.
- M. PROVIDE SINGLE-GANG BOX WITH 1-1/2" CONDUIT WITH PULL CORD TO ABOVE ACCESSIBLE CEILING IN NEAREST CORRIDOR FOR STANDALONE HDMI OUTLETS AND 4-PORT DATA DEVICES.
- N. PROVIDE DOUBLE-GANG BOX WITH 1-1/2" CONDUIT WITH PULL CORD TO ABOVE ACCESSIBLE CEILING IN NEAREST CORRIDOR FOR 6-PORT DATA DEVICES.
- O. FOR DEVICES SHOWN, PROVIDE WORK AS NOTED BELOW:  
 • (TR) EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. ARE EXISTING TO REMAIN. THEY AND THEIR ASSOCIATED CIRCUITING, CABLING, AND RACEWAYS SHALL REMAIN.

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Project Number: R23.00720.00  
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Date:

**POWER PLAN NOTES:**

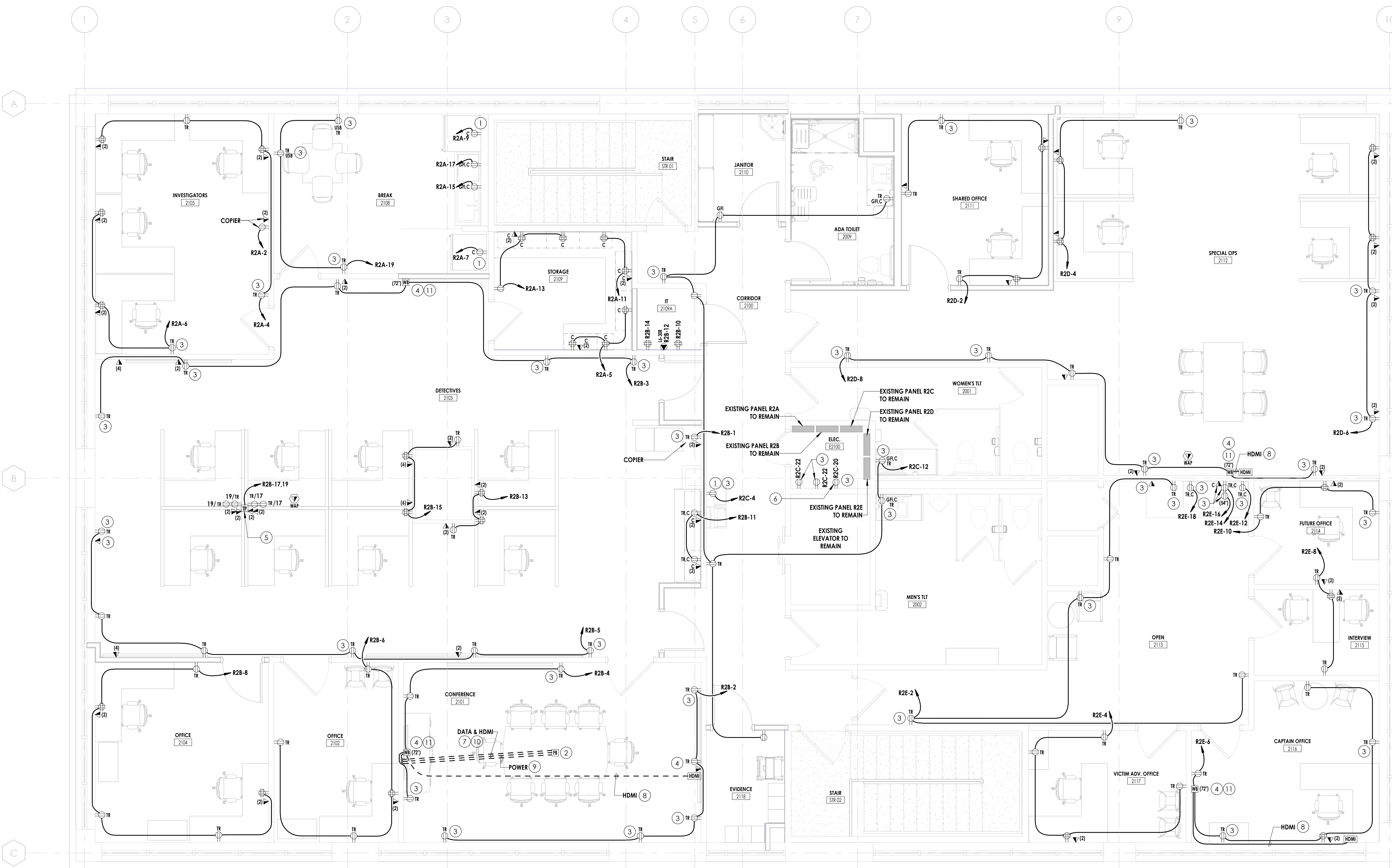
- 1. PROVIDE WITH GFCI CIRCUIT BREAKER.
- 2. PROVIDE POKE-THRU EQUIVALENT TO LEGRAND #6AT. BRUSHED ALUMINUM ROUND COVER. PROVIDE BASIS OF (1) TAMPER-RESISTANT DUPLEX RECEPTACLE, (2) CAT 6 COMMUNICATION BRACKET, COORDINATE WITH OWNER PRIOR TO SELECTING BRACKETS. COORDINATE FLOOR FINISH FURNITURE LOCATIONS, AND OTHER TRADES PRIOR TO ROUGH-IN. PROVIDE NYLON BUSHING ON CONDUIT END.
- 3. PROVIDE DEVICE INDICATED WITH COVERPLATE PER SPECIFICATIONS.
- 4. PROVIDE WALLBOX EQUIVALENT TO LEGRAND #8B2. PROVIDE BASIS OF (1) DUPLEX RECEPTACLE, (2) CAT 6 COMMUNICATION BRACKETS, AND (3) CATV F-CONNECTOR FEMALE BRACKET. COORDINATE WITH OWNER PRIOR TO SELECTING BRACKETS. COORDINATE WITH WALL FINISH, TV LOCATION, AND OTHER TRADES PRIOR TO ROUGH-IN. PROVIDE WITH HINGED COVER ASSEMBLY. FOR DATA AND AV PROVIDE 1-1/4" CONDUIT WITH PULL CORD. STUBBED 90-DEGREE TO ABOVE ACCESSIBLE CEILING IN CORRIDOR. PROVIDE NYLON BUSHING ON CONDUIT END.
- 5. PROVIDE SQUARE-STEEL TELE-POWER POLE EQUIVALENT TO LEGRAND # 25DTP-4D. PROVIDE BASIS OF (4) TAMPER-RESISTANT DUPLEX RECEPTACLE, (4) CAT 6 COMMUNICATION BRACKETS. COORDINATE WITH OWNER PRIOR TO SELECTING BRACKETS. COORDINATE FINISH, FURNITURE LOCATIONS, AND OTHER TRADES PRIOR TO ROUGH-IN. FOR DATA PROVIDE PULL CORD FROM BRACKETS TO ABOVE CEILING. REFER TO DETAIL 4/E200.
- 6. POWER FOR EMERGENCY RESPONDER RDS SYSTEM. PROVIDE ROOF PENETRATION FOR AN ANTENNA. COORDINATE EXACT LOCATION OF CLOSEST ANTENNA TO LOCATE ROOF PENETRATION.
- 7. PROVIDE MINIMUM 1-1/2" CONDUIT WITH PULL CORD FOR HDMI CABLING BETWEEN FLOORBOX TO TV LOCATION AND TURN UP AND STUB 90-DEGREE ABOVE NEAREST ACCESSIBLE CEILING. PROVIDE NYLON BUSHING ON CONDUIT END.
- 8. PROVIDE MINIMUM 1-1/2" CONDUIT WITH PULL CORD FOR HDMI CABLING BETWEEN HDMI OUTLET TO TV LOCATION AND TURN UP AND STUB 90-DEGREE ABOVE NEAREST ACCESSIBLE CEILING. PROVIDE NYLON BUSHING ON CONDUIT END.
- 9. PROVIDE MINIMUM 1/2" CONDUIT FOR POWER BETWEEN FLOORBOX AND TV LOCATION.
- 10. PROVIDE MINIMUM 1-1/4" CONDUIT WITH PULL CORD FOR DATA/AV BETWEEN FLOORBOX AND WALL AT TV LOCATION AND TURN UP AND STUB 90-DEGREE TO ACCESSIBLE CEILING IN CORRIDOR. PROVIDE NYLON BUSHING ON CONDUIT END.
- 11. PROVIDE 2" X 6" WOOD BLOCKING BETWEEN STUDS ABOVE AND BELOW WALL BOX IN THE WALL AT ALL TV LOCATIONS.

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: 08/23/2024 Scale: As indicated  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: JMRH Checked By: MSR  
 Drawing Title: ELECTRICAL - LEVEL 2 - POWER PLAN  
 Drawing Number:



1 ELECTRICAL - LEVEL 2 - POWER PLAN  
E201 1/4" = 1'-0"

MARK	DESCRIPTION	MANUFACTURER	MODEL #	VOLTS	WATTS	LUMENS	TYPE	MOUNTING	REMARKS
A22	2'X2' LED FLAT PANEL LUMINAIRE, SELECTABLE LUMENS AND COLOR TEMPERATURE, ALUMINUM WHITE HOUSING, SATIN WHITE DIFFUSER	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	CPX-2X2-AL07-80CRI-SWW7-SWL-M VOLT	MVOLT	36	4000	3500K LED	RECESSED-GRID	-
A24	2'X4' LED FLAT PANEL LUMINAIRE, SELECTABLE LUMENS AND COLOR TEMPERATURE, ALUMINUM WHITE HOUSING, SATIN WHITE DIFFUSER	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	CPX-2X4-AL08-80CRI-SWW7-SWL-M VOLT	MVOLT	56	6000	3500K LED	RECESSED-GRID	-
B22	2'X2' LED RECESSED VOLUMETRIC LUMINAIRE, WHITE STEEL HOUSING, 0-10V 1% MINIMUM DIMMING	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	2BLT2-48L-ADP-E21-LP835	MVOLT	43	4800	3500K LED	RECESSED-GRID	1
B48	2'X4' LED RECESSED VOLUMETRIC LUMINAIRE, WHITE STEEL HOUSING, 0-10V 1% MINIMUM DIMMING	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	2BLT4-48L-ADP-E21-LP835	MVOLT	40	4800	3500K LED	RECESSED-GRID	1
B60	2'X4' LED RECESSED VOLUMETRIC LUMINAIRE, WHITE STEEL HOUSING, 0-10V 1% MINIMUM DIMMING	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	2BLT4-60L-ADP-E21-LP835	MVOLT	47	6000	3500K LED	RECESSED-GRID	1
B72	2'X4' LED RECESSED VOLUMETRIC LUMINAIRE, WHITE STEEL HOUSING, 0-10V 1% MINIMUM DIMMING	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	2BLT4-72L-ADP-E21-LP835	MVOLT	60	7200	3500K LED	RECESSED-GRID	1
D415	4" LED OPEN DOWNLIGHT, MEDIUM WIDE TYPE DISTRIBUTION, WHITE REFLECTOR AND FLANGE, SELF-FLANGED, 0-10V 1% MINIMUM DIMMING	GOHAM OR APPROVED EQUAL BY PRESCOUTE OR SPECTRUM	EV04-35/15-WR-MWD-MVOLT-G21	MVOLT	14	1500	3500K LED	RECESSED-GRID	1
D425	4" LED OPEN DOWNLIGHT, MEDIUM WIDE TYPE DISTRIBUTION, WHITE REFLECTOR AND FLANGE, SELF-FLANGED, 0-10V 1% MINIMUM DIMMING	GOHAM OR APPROVED EQUAL BY PRESCOUTE OR SPECTRUM	EV04-35/25-WR-MWD-MVOLT-G21	MVOLT	25	2500	3500K LED	RECESSED-GRID	1
DS	4" LED DOWNLIGHT, FLUSH TEXTURED SHOWER LENS WITH WHITE TRIM, UL RATED FOR WET LOCATIONS	GOHAM OR APPROVED EQUAL BY PRESCOUTE OR SPECTRUM	EV04SH-35/25-DF-SOL-MVOLT-G21	MVOLT	26	2500	3500K LED	RECESSED-GYP	-
E1	SINGLE-FACE LED EDGE LIT EXIT SIGN, BRUSHED ALUMINUM FINISH, UL924 LISTED, AC ONLY	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	EDGR-1-R-AC	120/277	3	-	RED LED LETTERS	UNIVERSAL	-
E2	DOUBLE-FACE LED EDGE LIT EXIT SIGN, BRUSHED ALUMINUM FINISH, UL924 LISTED, AC ONLY	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	EDGR-2-RMR-AC	120/277	3	-	RED LED LETTERS	UNIVERSAL	-
EW1	24" EXTERIOR LED EMERGENCY MULLION MOUNT LUMINAIRE, ALUMINUM HOUSING, OPAL POLYCARBONATE LENS, WET LOCATION LISTED	LUMINAIRE LED OR APPROVED EQUAL	BLD-24IN-NODIM-20W-30K-MVOLT-DP-XX	MVOLT	20	2000	3500K LED	SURFACE ON MULLION	-
LR1	1'X4' LED LINEAR, DIRECT/INDIRECT DISTRIBUTION, CLEAR ACRYLIC INDIRECT LENS, FLUSH ACRYLIC DIRECT LENS, ALUMINUM HOUSING	MARK ARCHITECTURAL OR APPROVED EQUAL BY FINELITE OR LUX ILLUMINAIRE	S4PD-LCB-10FT-MSL-40CRI-35K-80 QLMF-I80CRI-35K-400LMF-MINI-FL	MVOLT	9/FT	8000/4000/ FT	3500K LED	PENDANT	1
LR2	10'X4' LED LINEAR, DIRECT/INDIRECT DISTRIBUTION, CLEAR ACRYLIC INDIRECT LENS, FLUSH ACRYLIC DIRECT LENS, ALUMINUM HOUSING	MARK ARCHITECTURAL OR APPROVED EQUAL BY FINELITE OR LUX ILLUMINAIRE	S4PD-LCB-11FT-MSL-40CRI-35K-80 QLMF-I80CRI-35K-400LMF-MINI-FL	MVOLT	9/FT	8000/4000/ FT	3500K LED	PENDANT	1
S4	4" LED LENSED STRIP LUMINAIRE, WHITE STEEL HOUSING, SNAP ON LENS	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	ZL1D-L48-5000LM-FST-MVOLT-40K-8 CQR-HH	MVOLT	41	5000	3500K LED	SURFACE OR CHAIRHUNG	-
ST2	2" LED WALL BRACKET, WHITE STEEL HOUSING, CURVED SMOOTH POLYCARBONATE DIFFUSER, INTEGRAL 10% DIM OCCUPANCY CONTROLS, WITH INTEGRAL EMERGENCY BATTERY BACKUP	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	BLWP2-33L-PDSM-E21-LP840-DIM10-EIOWLCP	MVOLT	30	3300	4000K LED	SURFACE ON WALL	-
ST4	4" LED WALL BRACKET, WHITE STEEL HOUSING, CURVED SMOOTH POLYCARBONATE DIFFUSER, INTEGRAL 10% DIM OCCUPANCY CONTROLS, WITH INTEGRAL EMERGENCY BATTERY BACKUP	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	BLWP4-60L-PDSM-E21-LP840-DIM10-EIOWLCP	MVOLT	49	6000	4000K LED	SURFACE ON WALL	-
WB2	2" LED LENSED STRIP, WHITE STEEL HOUSING, CURVED SMOOTH POLYCARBONATE DIFFUSER	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	BLWP2-33L-PDSM-G21-LP835	MVOLT	30	3300	3500K LED	SURFACE ON WALL	-
WB4	4" LED LENSED STRIP, WHITE STEEL HOUSING, CURVED SMOOTH POLYCARBONATE DIFFUSER	LITHONIA OR APPROVED EQUAL BY METALUX OR H.E. WILLIAMS	BLWP4-60L-PDSM-G21-LP835	MVOLT	49	6000	3500K LED	SURFACE ON WALL	-

**LUMINAIRE SCHEDULE REMARKS**

- PROVIDE COMPATIBLE DIMMER FOR FIXTURE WHERE INDICATED ON LIGHTING PLANS.
- FACES, MOUNTING, AND CHEVONS SHALL BE PER PLANS.
- VERIFY ALL FIXTURE LENGTHS WITH PLANS AND ARCHITECTS PRIOR TO ORDERING.
- VERIFY EXACT LOCATIONS AND MOUNTING HEIGHT WITH ARCHITECT/INTERIORS PRIOR TO ROUGH-IN.
- VERIFY FINISH/COLOR WITH ARCHITECT/INTERIORS. PROVIDE PHYSICAL COLOR CHART AS REQUIRED BY ARCHITECT.
- PROVIDE HANGER-CHAIN LENGTH REQUIRED FOR FIXTURES THAT ARE CHAIR-HUNG.
- COORDINATE FIXTURE WITH MIRROR, SINK LOCATION, AND WALL FINISHES PRIOR TO ROUGH-IN.
- COORDINATE MOUNTING WITH ELEVATOR MANUFACTURER.

**ELECTRICAL SYSTEM AND EQUIPMENT**

METHOD OF COMPLIANCE:  
 ENERGY CODE:  PRESCRIPTIVE  PERFORMANCE  
 ASHRAE 90.1:  PRESCRIPTIVE  PERFORMANCE

STANDARD RISER DIAGRAM WITH DESIGNATED METERING POINTS: DWG. SHEET E000  
 STANDARD PANEL SCHEDULE(S) WITH END USE LOADS IDENTIFIED: DWG. SHEET E000

LIGHTING SCHEDULE:  
 LAMP TYPE REQUIRED IN FIXTURE SEE LIGHTING FIXTURE SCHEDULE, SHEET E050 AND E300  
 NUMBER OF LAMPS IN FIXTURE SEE LIGHTING FIXTURE SCHEDULE, SHEET E050 AND E300  
 BALLAST TYPE USED IN THE FIXTURE ENERGY EFFICIENT LED  
 NUMBER OF BALLASTS IN FIXTURE LED DRIVERS  
 TOTAL WATTAGE PER FIXTURE SEE LIGHTING FIXTURE SCHEDULE, SHEET E050 AND E300  
 TOTAL INTERIOR WATTAGE SPECIFIED VS. ALLOWED 7338 vs. 10383 (SPACE-BY-SPACE METHOD)  
 TOTAL EXTERIOR WATTAGE SPECIFIED VS. ALLOWED 432 vs. 734

DESIGNER STATEMENT:  
 TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE ELECTRICAL SYSTEMS AND EQUIPMENT REQUIREMENTS OF THE 2009 IECC ADOPTED BY THE STATE OF SOUTH CAROLINA.

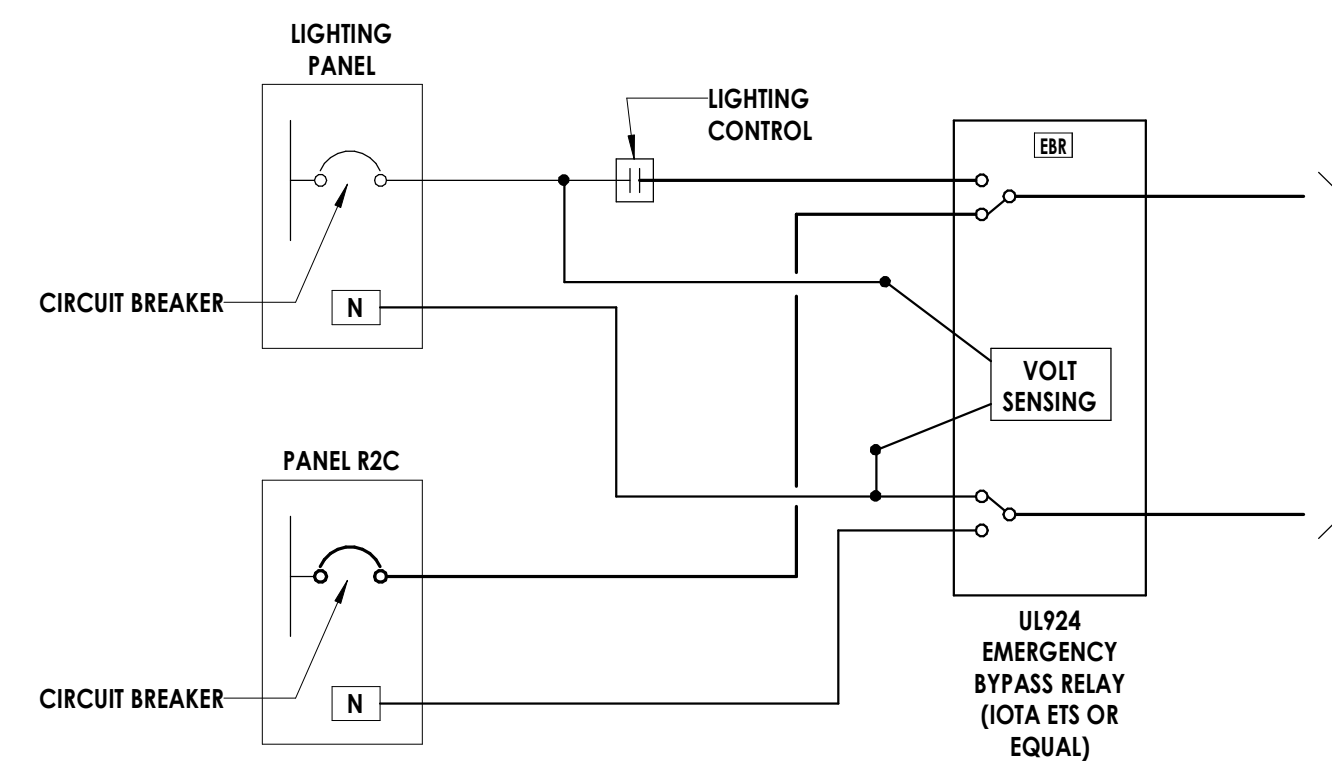
SIGNED: \_\_\_\_\_  
 NAME: MICHAEL S. RANIERI  
 TITLE: ELECTRICAL ENGINEER, P.E.

**GENERAL NOTES**

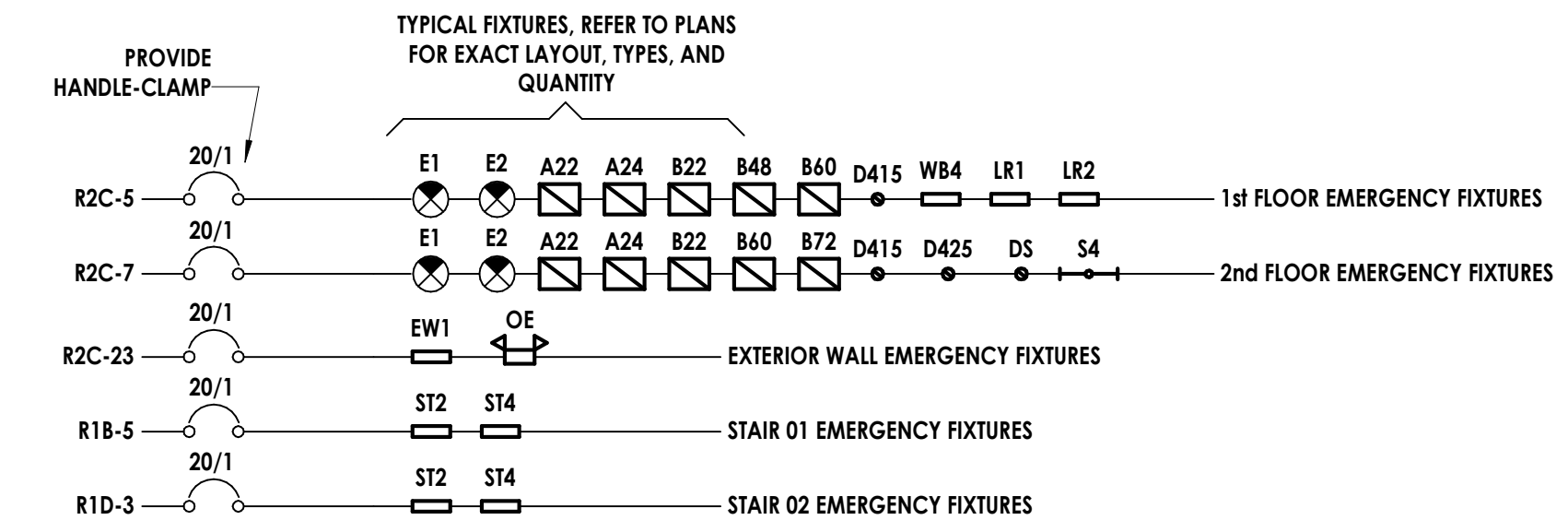
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN(S) AND ELEVATIONS FOR EXACT LIGHTING FIXTURE LOCATIONS.
- COORDINATE ALL LIGHT SWITCH/CONTROL LOCATIONS WITH DOOR SWINGS PRIOR TO ROUGH-IN.
- LABEL ALL LIGHTING CONTROLS WITH PANEL/CIRCUIT SERVING DEVICE. WHERE GANGED, ALSO LABEL LIGHTING FIXTURES OR ZONES CONTROLLED.
- DEVICES IN CLOSE PROXIMITY SHALL BE GANGED WHEREVER POSSIBLE. PROVIDE METAL DIVIDER BETWEEN DEVICES OF DIFFERENT VOLTAGES OR DIFFERENT SYSTEMS. ALL DEVICE LOCATIONS SHALL BE APPROVED BY THE ARCHITECT BEFORE WALLS ARE CLOSED.
- CONNECT ALL EXIT SIGNS AND EMERGENCY BATTERY UNITS TO CONTINUOUSLY HOT UNSWITCHED CIRCUIT CONDUCTOR.
- ALL CONDUITS SHALL BE SEALED WATERTIGHT ON INTERIOR AND EXTERIOR OF EQUIPMENT AND BUILDING TO PREVENT MOISTURE INFILTRATION. SEALANTS SHALL BE LISTED AND IDENTIFIED FOR USE WITH CABLE INSULATION OR OTHER COMPONENTS.

**PLAN NOTES**

- WIRE THROUGH EXISTING EXTERIOR LIGHTING CONTROLLER.



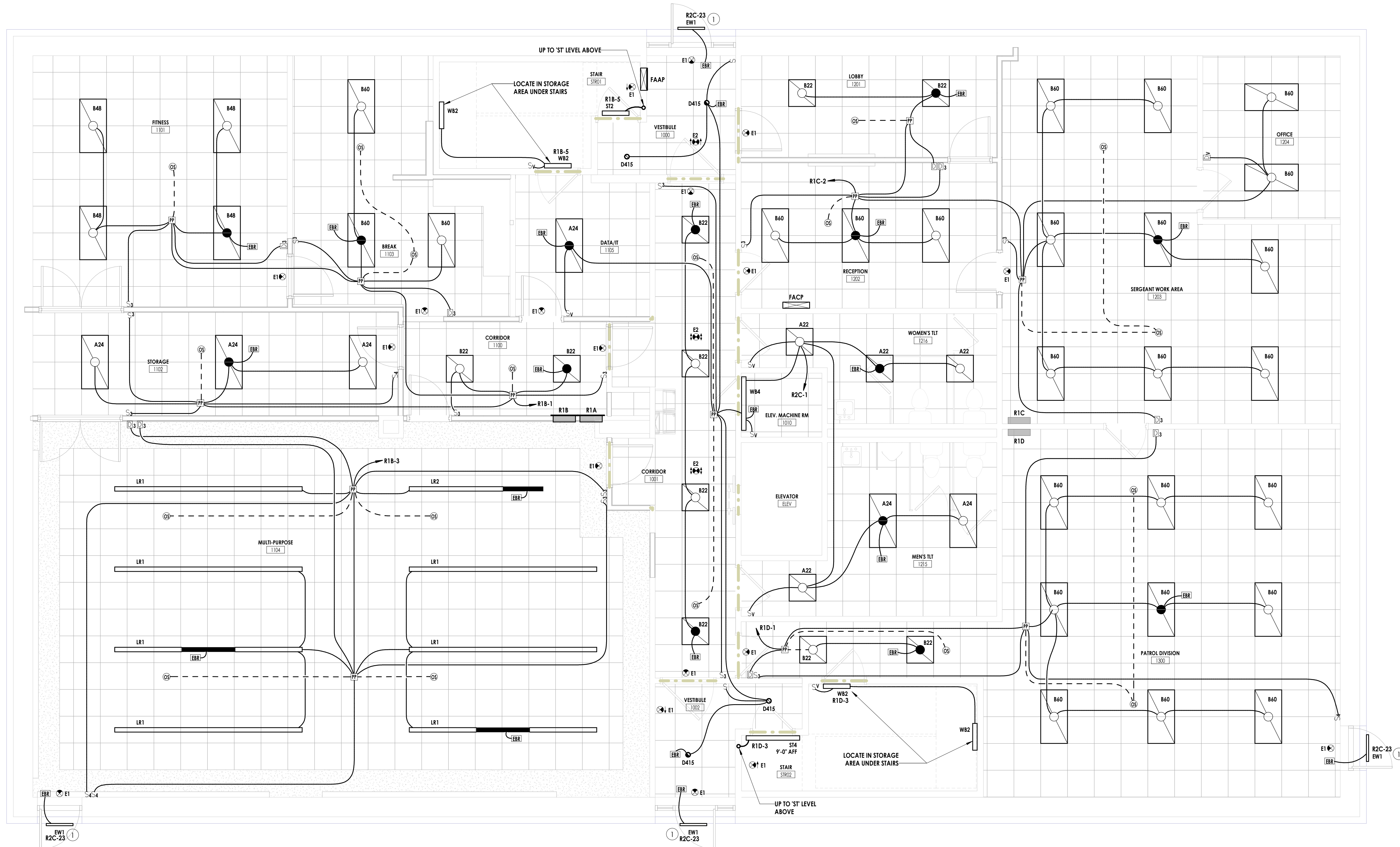
2 EMERGENCY BYPASS RELAY SCHEMATIC  
 E300 NOT TO SCALE



**EMERGENCY LIGHTING RISER DIAGRAM NOTES:**

- EMERGENCY LIGHTING FIXTURES SHALL OPERATE UPON LOSS OF AC LINE POWER TO THE NORMAL POWER PANEL. EXIT LIGHTING SHALL BE ILLUMINATED AT ALL TIMES.
- COORDINATE EXACT REQUIREMENTS FOR WIRING AND CONNECTIONS WITH MANUFACTURER'S INSTRUCTIONS.

3 EMERGENCY LIGHTING RISER DIAGRAM  
 E300 NOT TO SCALE



1 ELECTRICAL - LEVEL 1 - LIGHTING PLAN  
 E300 1/4" = 1'-0"



CPL | Architecture Engineering Planning  
 6302 Fairview Road Suite 102  
 Charlotte, NC 28210  
 CPLteam.com

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 Project Name: DISTRICT 3 SHERIFF'S OFFICE  
 Project Address: 236 Northpark Drive, Rock Hill, SC 29730

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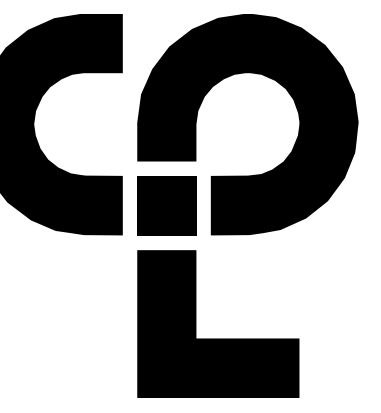
7 Date

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

Name: \_\_\_\_\_ Scale: As indicated  
 Date: 05/09/2024  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: JMRH Checked By: MSR  
 Drawing Title: ELECTRICAL - LEVEL 1 - LIGHTING PLAN  
 Drawing Number: \_\_\_\_\_



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6302 Fairview Road Suite 102  
Charlotte, NC 28210  
CPLteam.com

**GENERAL NOTES**

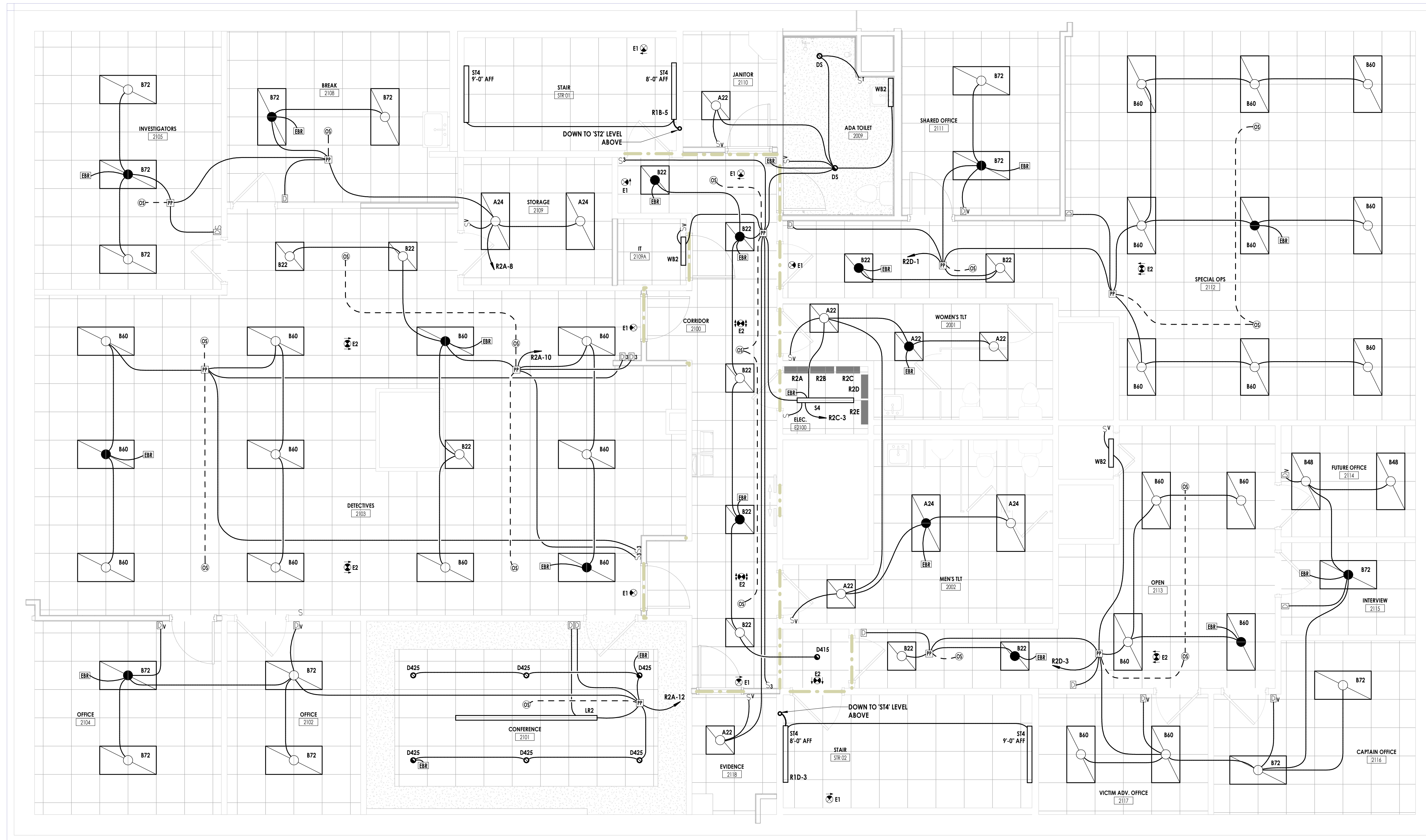
- A. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN(S) AND ELEVATIONS FOR EXACT LIGHTING FIXTURE LOCATIONS.
- B. COORDINATE ALL LIGHT SWITCH/CONTROL LOCATIONS WITH DOOR SWINGS PRIOR TO ROUGH-IN.
- C. LABEL ALL LIGHTING CONTROLS WITH PANEL/CIRCUIT SERVING DEVICE. WHERE GANGED, ALSO LABEL LIGHTING FIXTURES OR ZONES CONTROLLED.
- D. DEVICES IN CLOSE PROXIMITY SHALL BE GANGED WHEREVER POSSIBLE. PROVIDE METAL DIVIDER BETWEEN DEVICES OF DIFFERENT VOLTAGES OR DIFFERENT SYSTEMS. ALL DEVICE LOCATIONS SHALL BE APPROVED BY THE ARCHITECT BEFORE WALLS ARE CLOSED.
- E. CONNECT ALL EXIT SIGNS AND EMERGENCY BATTERY UNITS TO CONTINUOUSLY HOT UNSWITCHED CIRCUIT CONDUCTOR.
- F. ALL CONDUITS SHALL BE SEALED WATERTIGHT ON INTERIOR AND EXTERIOR OF EQUIPMENT AND BUILDING TO PREVENT MOISTURE INFILTRATION. SEALANTS SHALL BE LISTED AND IDENTIFIED FOR USE WITH CABLE INSULATION OR OTHER COMPONENTS.

**PROJECT INFORMATION**

Project Number  
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**YORK COUNTY, SC**  
Project Name  
**DISTRICT 3 SHERIFF'S OFFICE**

Project Address  
236 Northpark Drive, Rock Hill, SC 29730

**PROJECT ISSUE & REVISION SCHEDULE**



**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

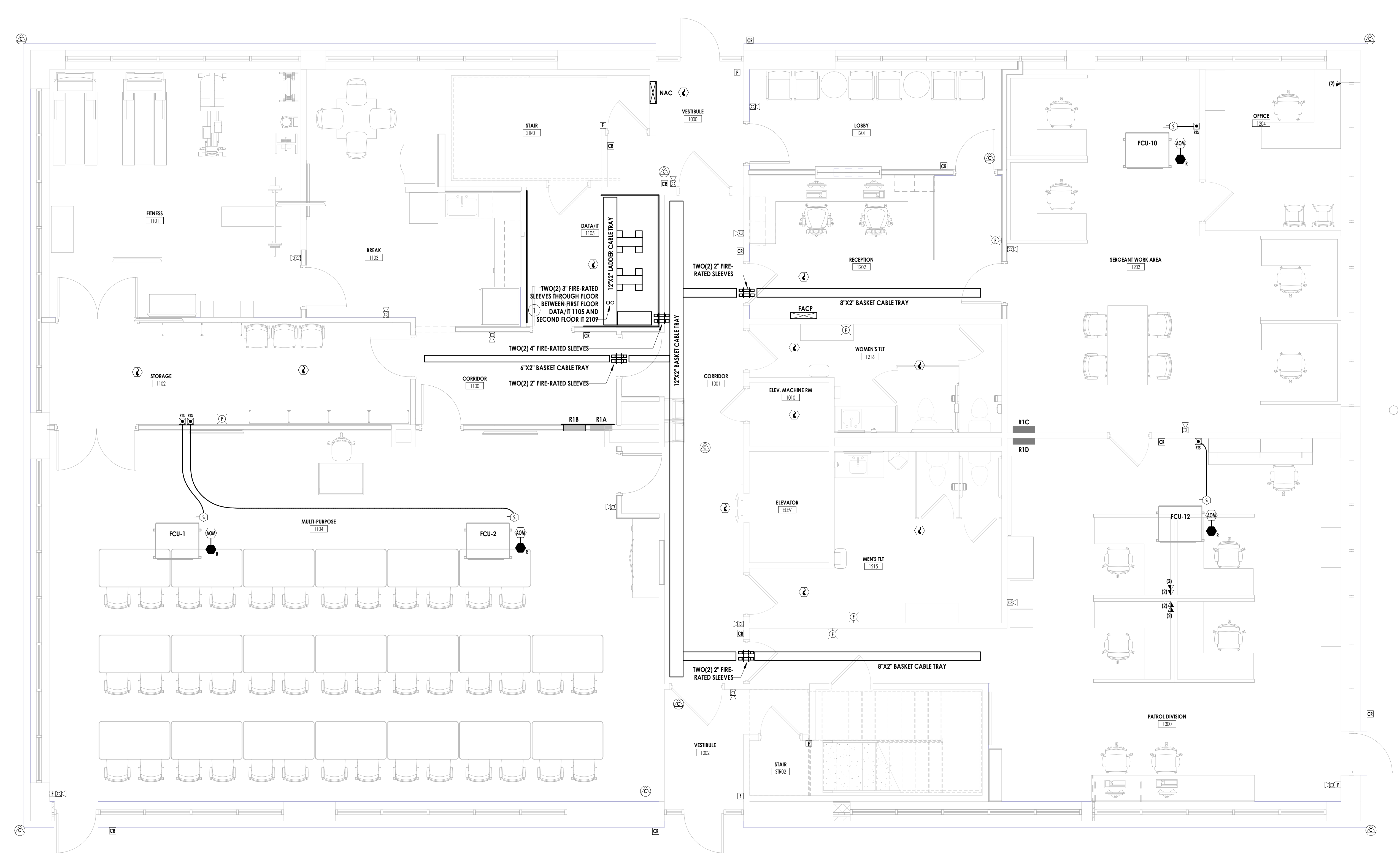
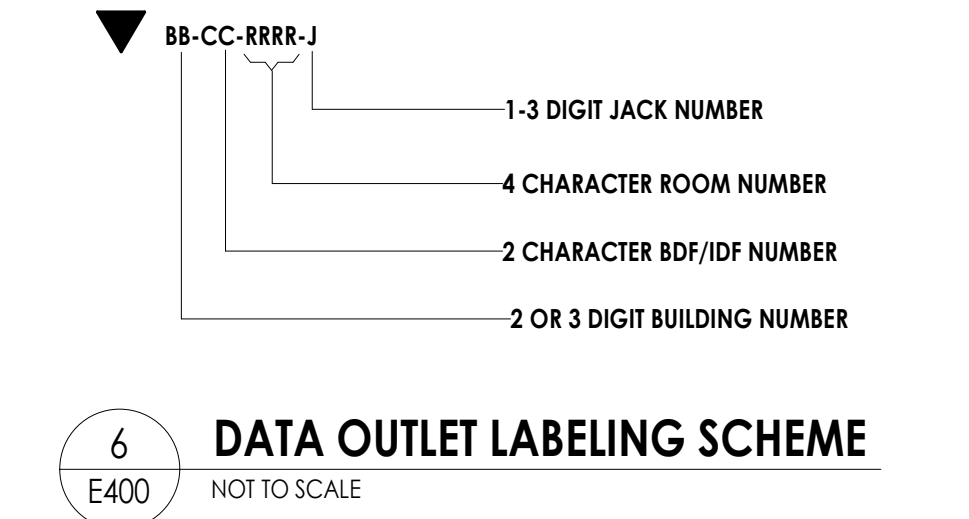
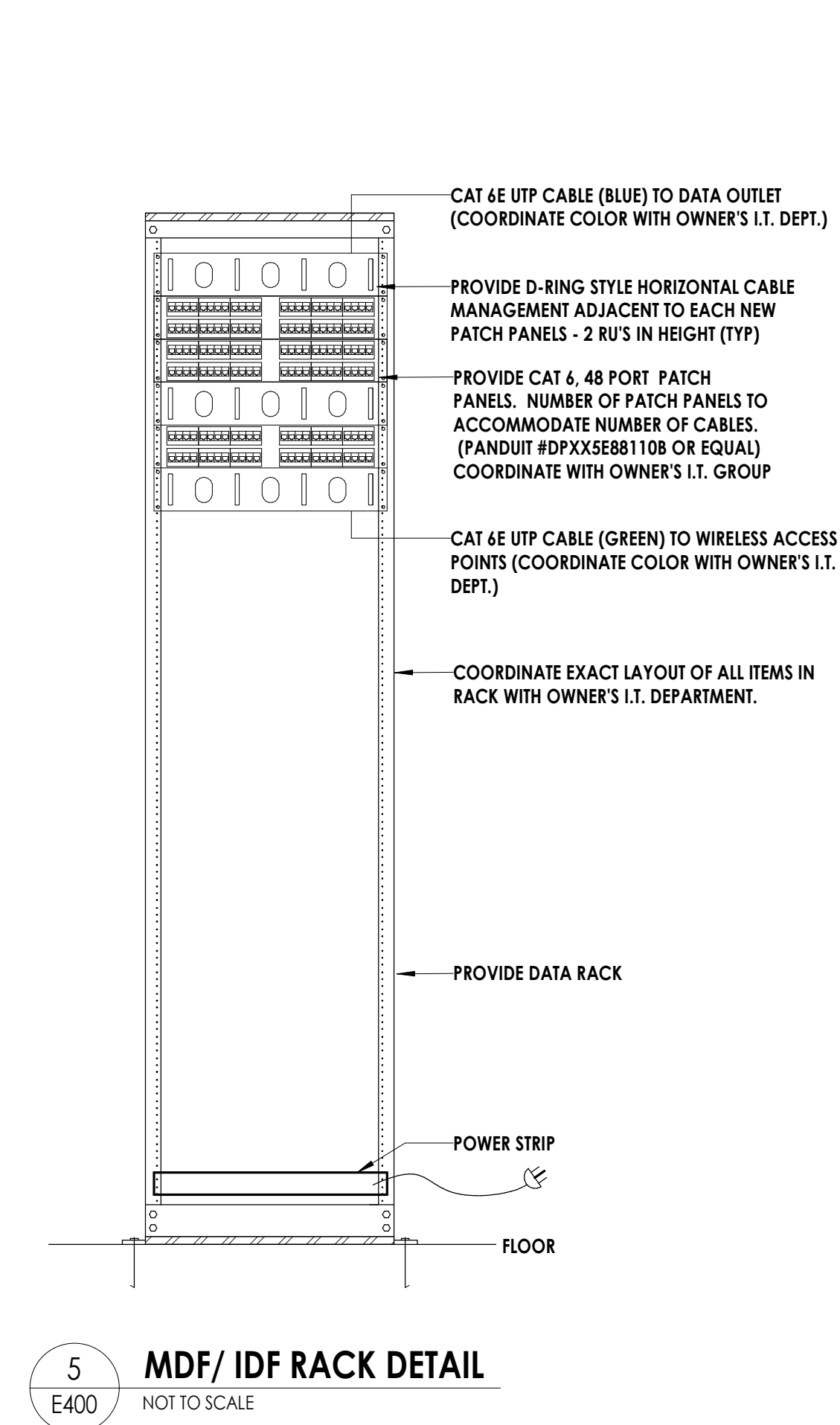
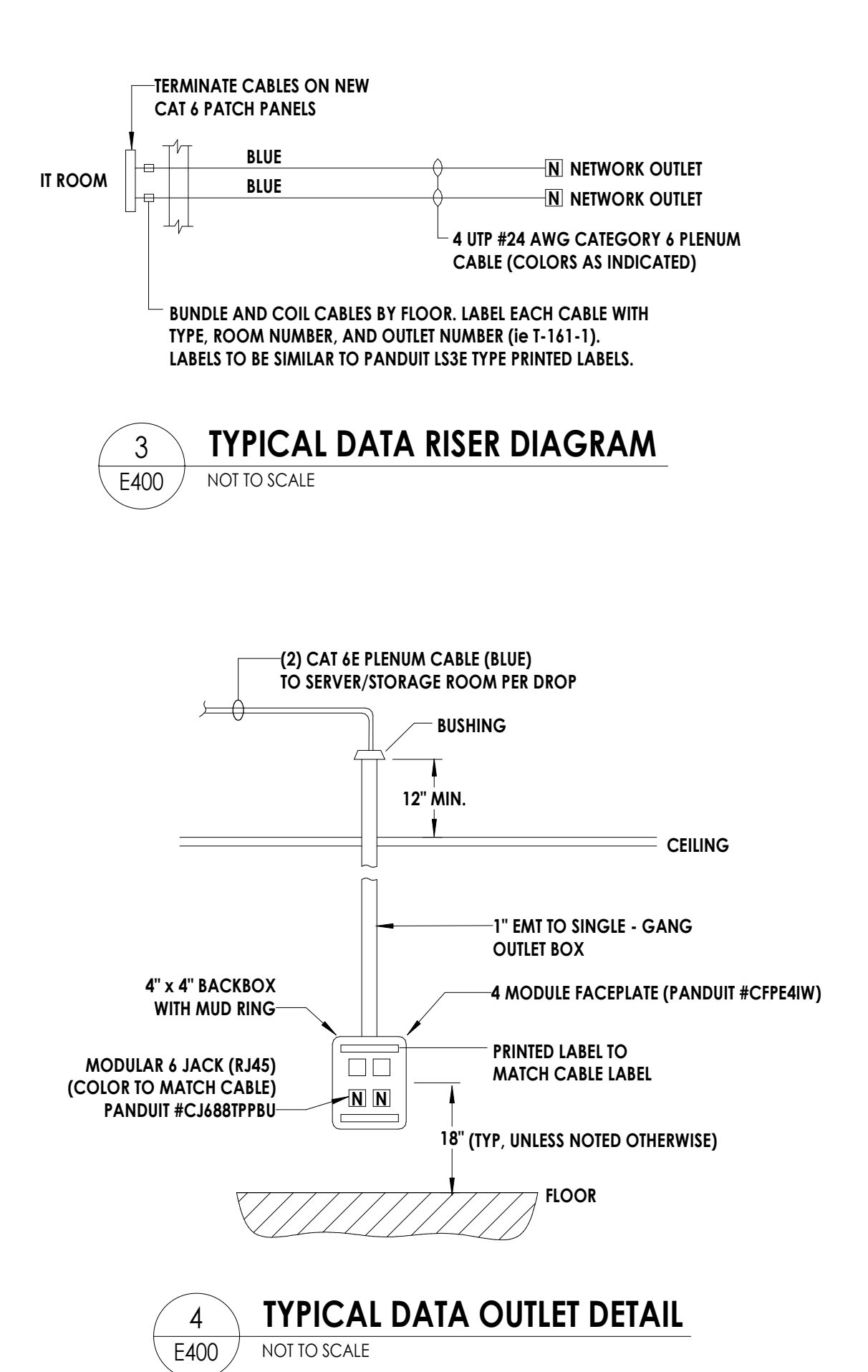
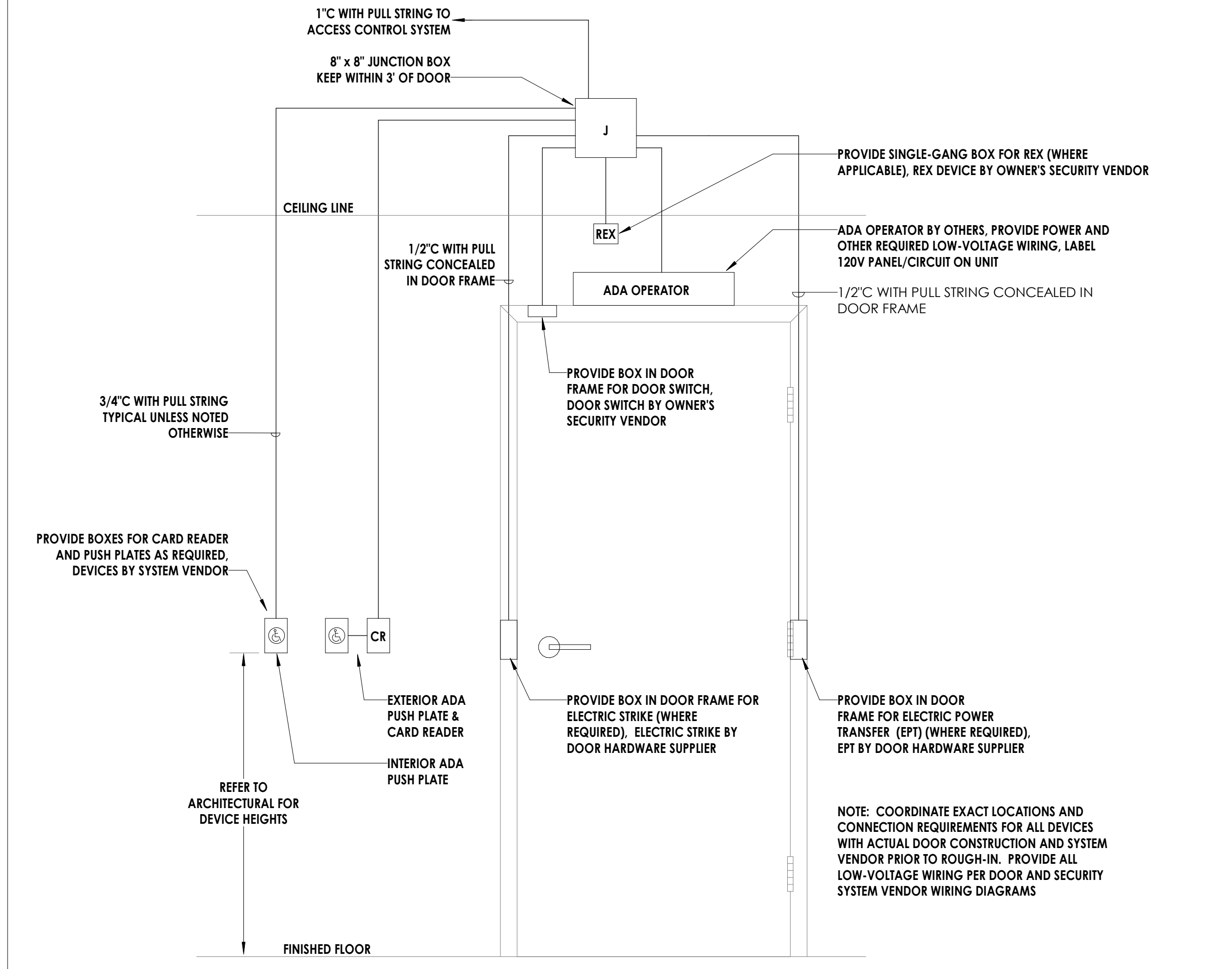
Name  
05/09/2024  
Project Status  
100% CONSTRUCTION DOCUMENTS  
Drawn By  
JMS  
Checked By  
MSR  
Drawing Title  
**ELECTRICAL - LEVEL 2 - LIGHTING PLAN**  
Drawing Number

**1 ELECTRICAL - LEVEL 2 - LIGHTING PLAN**  
E301 1/4" = 1'-0"

- GENERAL NOTES**
- COORDINATE EXACT LOCATION OF CAMERAS WITH OWNER PRIOR TO ROUGH-IN.
  - COORDINATE ALL ACCESS CONTROL DEVICES WITH OWNER AND DOOR HARDWARE PRIOR TO ROUGH-IN.
  - FOR ALL PANELS AND OTHER ELECTRICAL EQUIPMENT, MAINTAIN MINIMUM WORKING CLEARANCES IN THE DIRECTION OF LIVE PARTS PER NEC 110.26.
  - FOR EACH DUCT SMOKE DETECTOR INDICATED, PROVIDE REMOTE TEST STATE (RTS) MOUNTED FLUSH IN ACCESSIBLE CEILING NEAR DETECTOR AS INDICATED ON PLANS. GROUP RTS'S WHERE POSSIBLE AND LABEL WITH ADDRESS AND DAMPER CONTROLLED.
  - SMOKE DETECTORS SHALL BE PLACED A MINIMUM OF 3'-0" FROM MECHANICAL AIR SUPPLY DIFFUSERS.
  - MANUAL PULL STATIONS TO BE INSTALLED NO MORE THAN 5' FROM EXTERIOR DOORS AND ENTRANCE TO STAIRWELLS.
  - ALL CONDUITS SHALL BE SEALED WATER-TIGHT ON INTERIOR AND EXTERIOR OF EQUIPMENT AND BUILDING TO PREVENT MOISTURE INFILTRATION. SEALANTS SHALL BE LISTED AND IDENTIFIED FOR USE WITH CABLE INSULATION OR OTHER COMPONENTS.
  - PROVIDE SINGLE-GANG BOX WITH 1" CONDUIT FOR EXTERIOR CARD READERS TO ACCESSIBLE CEILING IN NEAREST CORRIDOR. COORDINATE WITH GENERAL CONTRACTOR TO PATCH AND REPAIR EXISTING BUILDING FACADE.
  - PROVIDE DOUBLE-GANG BOX WITH 1" CONDUIT FOR EXTERIOR CAMERAS TO ACCESSIBLE CEILING IN NEAREST CORRIDOR. COORDINATE WITH GENERAL CONTRACTOR TO PATCH AND REPAIR EXISTING BUILDING FACADE.

- SYSTEMS PLAN NOTES:**
- TWO(2) 3" SLEEVED HOLES FOR PATHWAY BETWEEN DATA/IT 1105 AND IT 2109. PATHWAY SHOULD CONNECT DIRECTLY BETWEEN BOTH DATA/IT ROOMS. FIELD DETERMINE AND COORDINATE EXACT ROUTE.

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SYSTEM INPUTS	FIRE ALARM SYSTEM OPERATION MATRIX																REMARKS								
	CONTROL UNIT ANNUNCIATION @ FACP								NOTIFICATION				CONTROL					SUPPLEMENTARY							
SYSTEM OUTPUTS	C1	C2	C3	C4	C5	C6	C7	C8	N1	N2	N3	N4	N5	N6	N7	N8	N9	F1	F2	F3	F4	S1	S2	R1	
MANUAL PULL STATION	1	•	•	•																					1
SMOKE DETECTOR	2	•	•	•																					2
DUCT SMOKE DETECTOR	3			•	•																				3
HEAT DETECTOR	4	•	•	•																					4
FIRE ALARM AC POWER FAILURE	5				•	•	•																		5
FIRE ALARM SYSTEM LOW BATTERY	6					•	•																		6
OPEN CIRCUIT	7					•	•																		7
GROUND FAULT	8					•	•																		8
NOTIFICATION APPLIANCE SHORT	9					•	•																		9
SPRINKLER FLOW SWITCH	10								•	•														10	
SPRINKLER VALVE TAMPER SWITCH	11																							11	
EMERGENCY RESPONDER RADIO (BDA SYSTEM)	12																							12	
ELEVATOR LOBBY SMOKE DETECTOR	13	•	•	•																				13	
ELEVATOR MACH. RM SMOKE DETECTOR	14	•	•	•																				14	

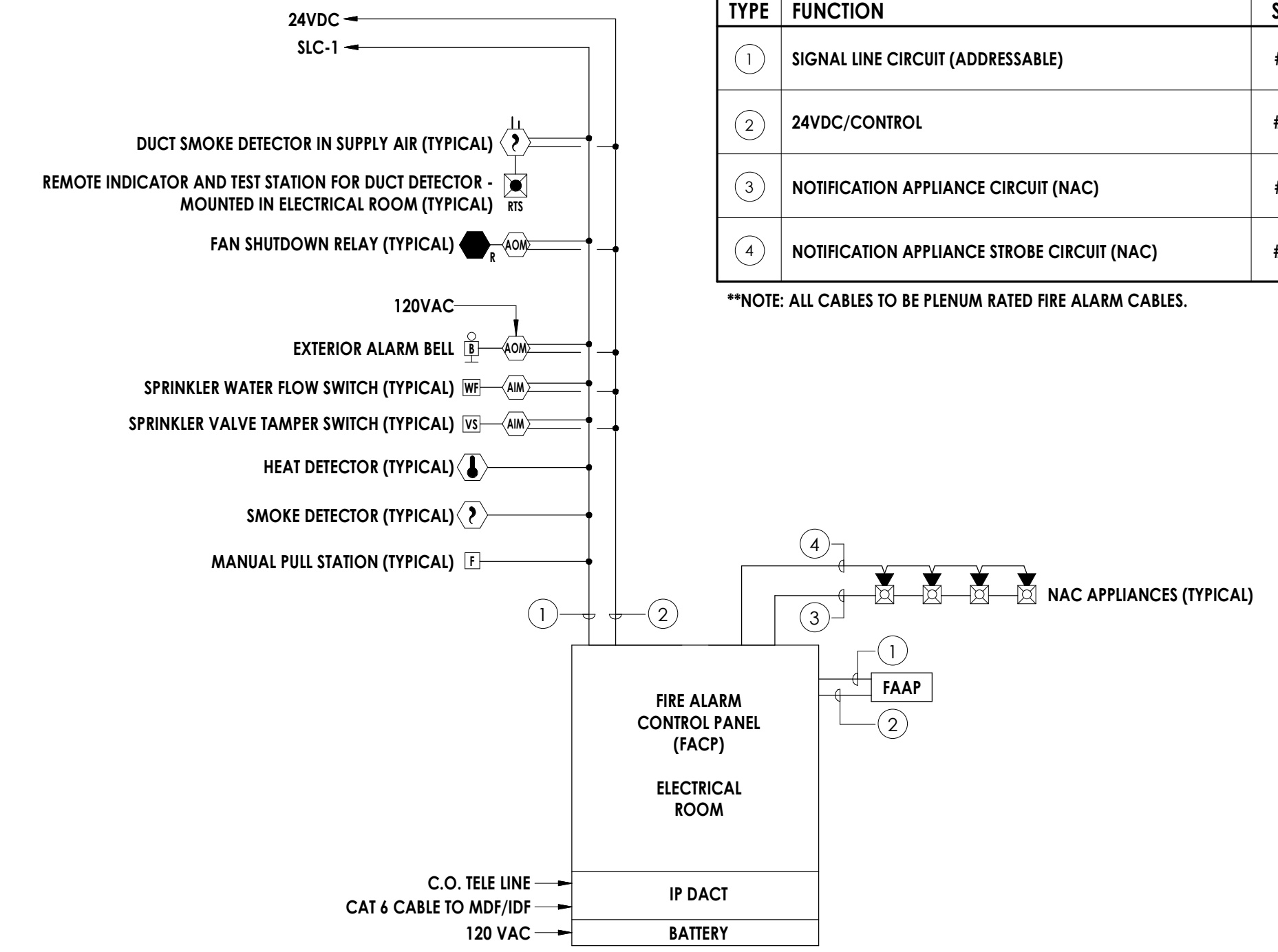
- MATRIX NOTES:**
- ADDRESSABLE SIGNAL LINE CIRCUITS (SLCS) ARE PERMITTED TO SERVE MULTIPLE FLOOR SECTIONS, OR MORE THAN ONE BUILDING AREA, IF PERMITTED BY QUANTITY OF DEVICES AND REQUIRED SPARE CAPACITY.
  - IF ANY SLCS SERVES MORE THAN ONE FLOOR OR AREA, INSTALL AN ISOLATION MODULE AT THE TERMINAL CABINET ON EACH FLOOR.
  - PROVIDE ADDITIONAL ISOLATION MODULES (OR ISOLATOR BASES) ON EACH ADDRESSABLE SLCS AS REQUIRED.
  - PROVIDE ALL WIRING NECESSARY FOR A COMPLETE SYSTEM. VERIFY WIRING REQUIREMENTS WITH SYSTEM MANUFACTURER PRIOR TO SUBMITTING FINAL BID. CONTACT ARCHITECT-ENGINEER IF ANY DISCREPANCIES ARE FOUND, AT LEAST 8-DAYS PRIOR TO BIDDING.
  - REFER TO SPECIFICATIONS FOR SYSTEM DESCRIPTION.
  - PROVIDE ADDITIONAL CONDUIT AND PULL BOXES AS REQUIRED BY DEVICES. WIRING FOR SPEAKERS AND STROBES SHALL BE RUN IN SEPARATE CONDUIT FROM WIRING FOR ALARM INITIATING DEVICES.
  - CONNECT ALL CABLE SHIELDS TOGETHER. INSULATE AND TERMINATE THEM AT MAIN FIRE ALARM CONNECTION ONLY, AS DIRECTED BY SYSTEM MANUFACTURER.
  - PROVIDE A CONTROL MODULE IN FACT TO BE USED IN THE SHUTDOWN CONTROL SCHEME FOR MECHANICAL EQUIPMENT. PROGRAM THE MODULE TO ACTIVATE CONTACTS UPON DETECTION OF SMOKE BY ANY ONE DETECTOR ON THE SAME FLOOR, INCLUDING HVAC DUCT SMOKE DETECTORS.
  - T TAPS ARE NOT ALLOWED.
  - ADDRESSABLE DEVICES SHALL NOT BE INSTALLED IN UNCONDITIONED SPACES.
  - EACH DUCT SMOKE DETECTOR SHALL BE PROVIDED WITH REMOTE ALARM INDICATING LIGHT AND KEY TEST SWITCH IN ADDITION TO RELAY MODULES TO BE USED BY HVAC CONTROLS CONTRACTOR.

**NOTE**  
THE FIRE ALARM WORK SHOWN ON DRAWINGS IS FOR REFERENCE ONLY - THE FIRE ALARM SUBCONTRACTOR MUST SUBMIT FOR A SEPARATE BUILDING PERMIT WITH YORK COUNTY FOR ANY WORK ASSOCIATED WITH THE FIRE ALARM SYSTEM, INCLUDING, BUT NOT LIMITED TO, DUCT DETECTORS INDICATED ON THESE DRAWINGS AND SPECIFICATIONS.

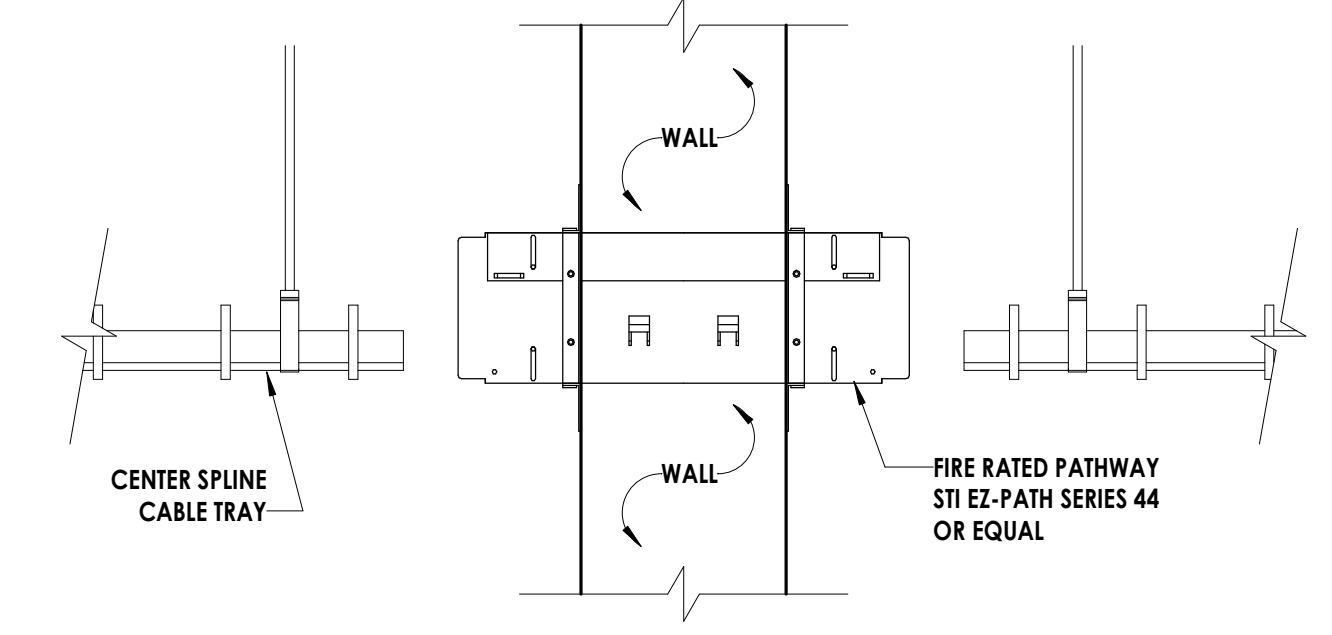
**NOTICE TO FIRE ALARM SYSTEM CONTRACTOR**  
REMINDED, NOTIFY THE STATE FIRE MARSHAL'S OFFICE, VIA SFM FORM 354A, AT LEAST 10 WORKING DAYS PRIOR TO BEGINNING OF INSTALLATION OF FIRE ALARM SYSTEM (INCLUDING ROUGH-IN), AND SUBMIT THREE COPIES OF COMPLETE INFORMATION REGARDING SYSTEM, IN COMPLIANCE WITH NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2013 EDITION, CHAPTERS 7 AND 10.  
SPECIAL NOTE: EVIDENCE OF THE SYSTEM DESIGNER'S QUALIFICATIONS, IN THE FORM OF A NICE1 FIRE ALARM SYSTEM LEVEL IV CERTIFICATION; A STATE OF SOUTH CAROLINA I.V.A. OR I.V.L. LICENSE OR AN EOR'S STAMP, SHALL BE IDENTIFIED ON THE PLANS, ALONG WITH THE APPROPRIATE NUMBER AND SIGNATURE (SEE CHAPTER 10, SUBSECTION 10.5.1). AFTER APPROVAL, THE APPROVED PLANS MUST BE KEPT ON THE SITE AT ALL TIMES. NO WORK SHALL COMMENCE UNTIL APPROVAL OF THE SUBMITTED PLANS BY SFM.

FIRE ALARM CABLE SCHEDULE			
TYPE	FUNCTION	SERVICE	DESIGN BASE
1	SIGNAL LINE CIRCUIT (ADDRESSABLE)	#18 T.S.P.	WEST PENN #060975
2	24VDC/CONTROL	#14 U.T.P.	WEST PENN #609938
3	NOTIFICATION APPLIANCE CIRCUIT (NAC)	#18 T.S.P.	WEST PENN #609975
4	NOTIFICATION APPLIANCE STROBE CIRCUIT (NAC)	#14 U.T.P.	WEST PENN #609938

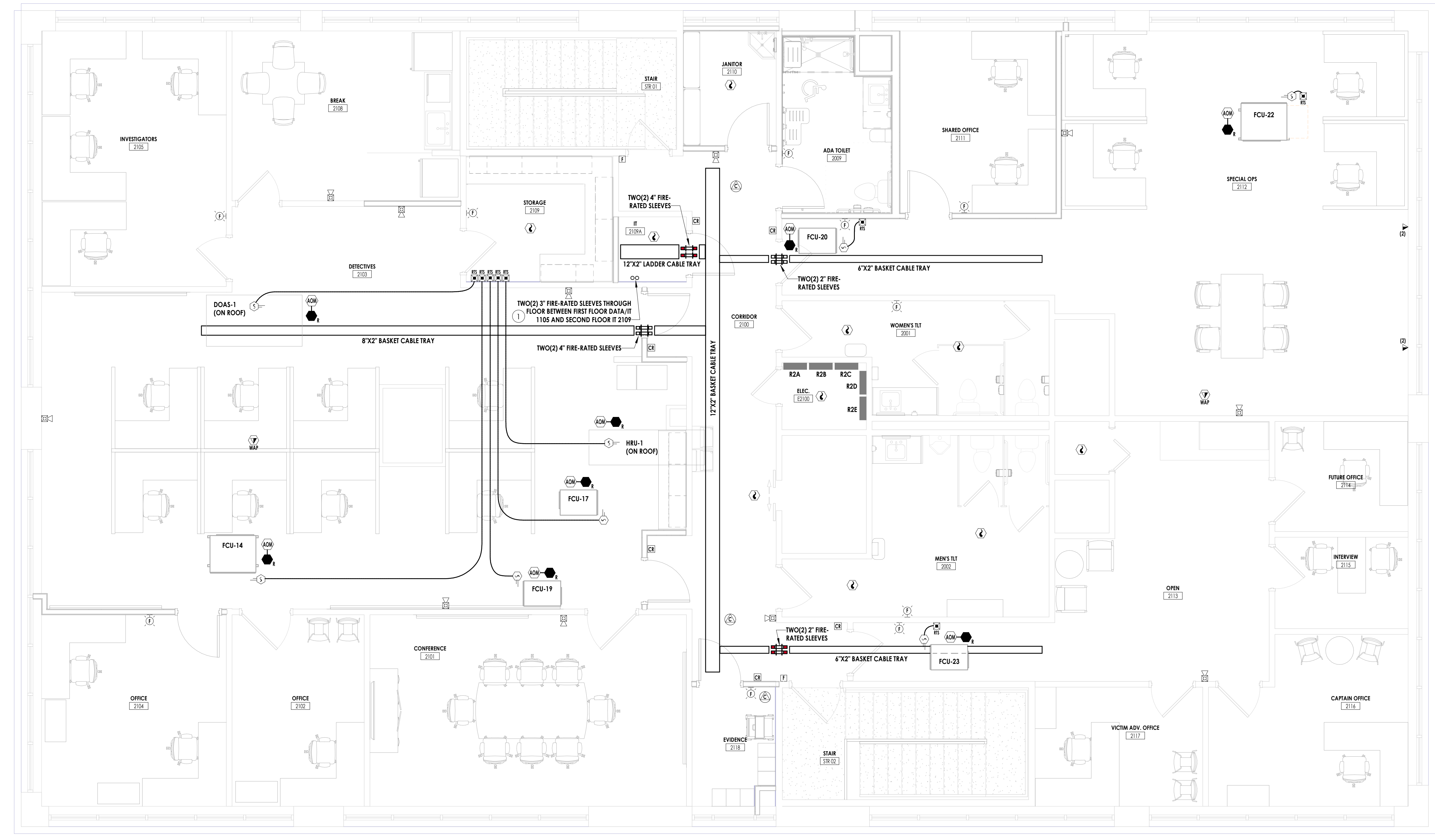
\*\*NOTE: ALL CABLES TO BE PLENUM RATED FIRE ALARM CABLES.



**2 FIRE ALARM RISER DIAGRAM**  
NOT TO SCALE



**3 FIRE RATED CABLE PASS-THROUGH DETAIL**  
NOT TO SCALE



**1 ELECTRICAL - LEVEL 2 - SYSTEMS PLAN**  
1/4" = 1'-0"

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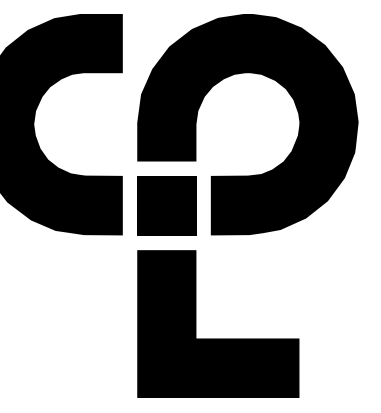
**PROJECT ISSUE & REVISION SCHEDULE**  
7 Date

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**  
Name: Scale: As indicated  
Project Status: 100% CONSTRUCTION DOCUMENTS  
Drawn By: JMSH Checked By: MSR  
Drawing Title: ELECTRICAL - LEVEL 2 - SYSTEMS PLAN  
Drawing Number:





CPL | Architecture Engineering Planning  
 6302 Fairview Road Suite 102  
 Charlotte, NC 28210  
 CPLteam.com

**GENERAL NOTES**

- A. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE ON E900 FOR CIRCUITING AND WIRING REQUIREMENTS FOR MECHANICAL AND PLUMBING EQUIPMENT.
- B. REFER TO ELECTRICAL SYSTEMS PLANS E400 AND E401 FOR DUCT SMOKE DETECTOR LOCATIONS AND SCOPE OF WORK.
- C. COORDINATE EXACT CIRCUIT REQUIREMENTS WITH ACTUAL EQUIPMENT NAMEPLATE PRIOR TO WORK.
- D. COORDINATE EXACT NAME DESIGNATION OF HVAC EQUIPMENT WITH OWNER AND MECHANICAL CONTRACTOR PRIOR TO LABELING OF DISCONNECT AND PANEL DIRECTORY.
- E. FOR ALL PANELS AND OTHER ELECTRICAL EQUIPMENT, MAINTAIN MINIMUM WORKING CLEARANCES IN THE DIRECTION OF LIVE PARTS PER NEC 110.26.
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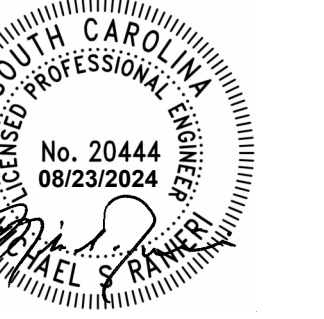
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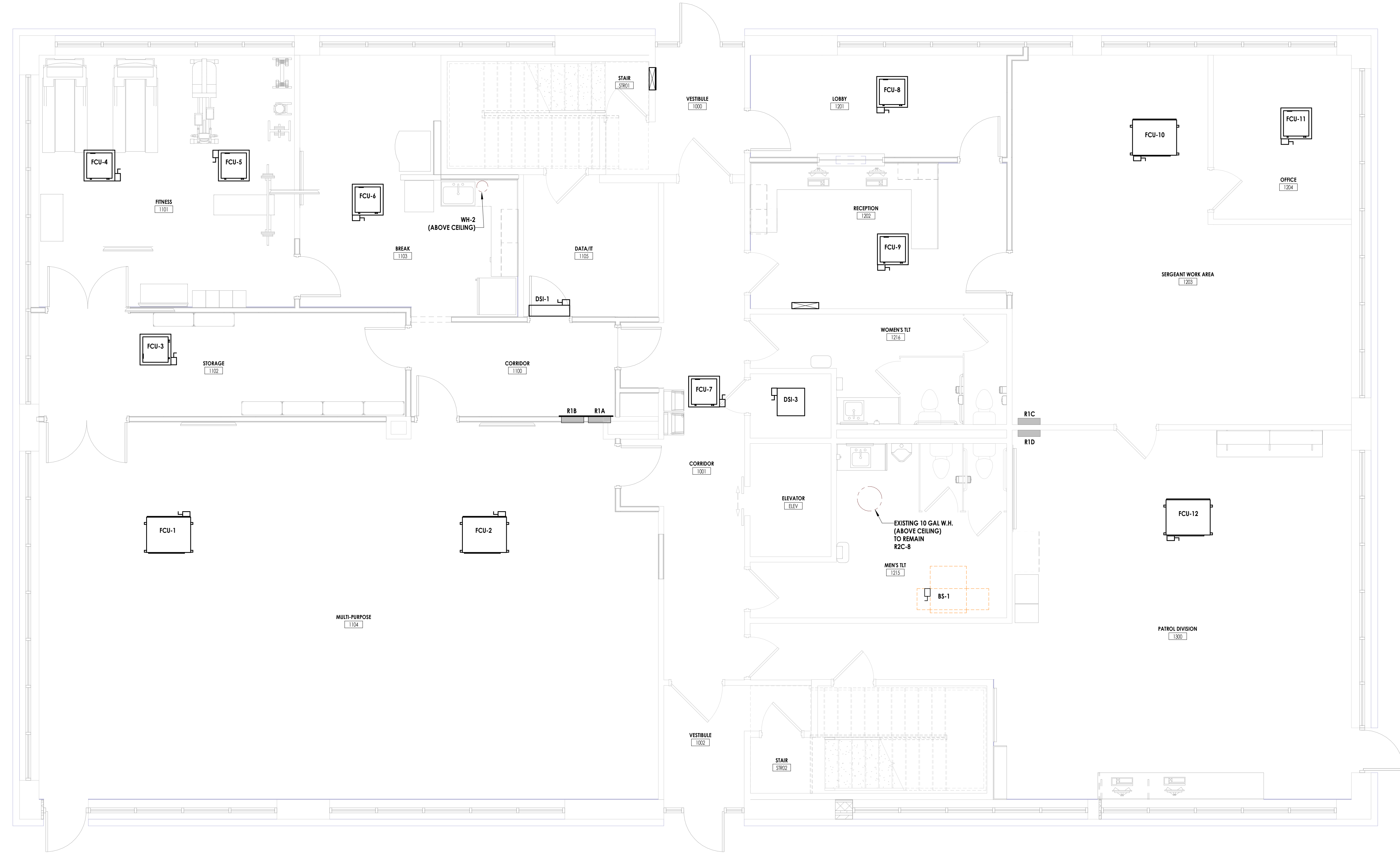
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**PROFESSIONAL STAMPS**



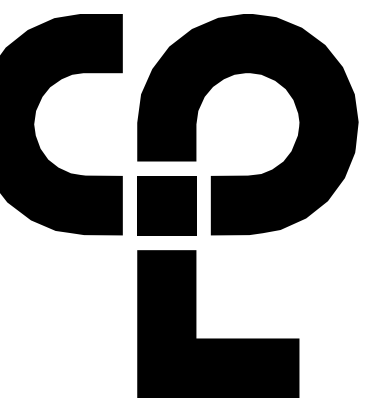
**SHEET INFORMATION**

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 Date: 05/09/2024  
 Project Status: 100% CONSTRUCTION DOCUMENTS  
 Drawn By: JMH Checked By: MSR  
 Drawing Title: ELECTRICAL - LEVEL 1 - EQUIPMENT CONNECTION PLAN  
 Drawing Number: \_\_\_\_\_



**1 ELECTRICAL - LEVEL 1 - EQUIPMENT CONNECTION PLAN**  
 E500 1/4" = 1'-0"

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 6302 Fairview Road Suite 102  
 Charlotte, NC 28210  
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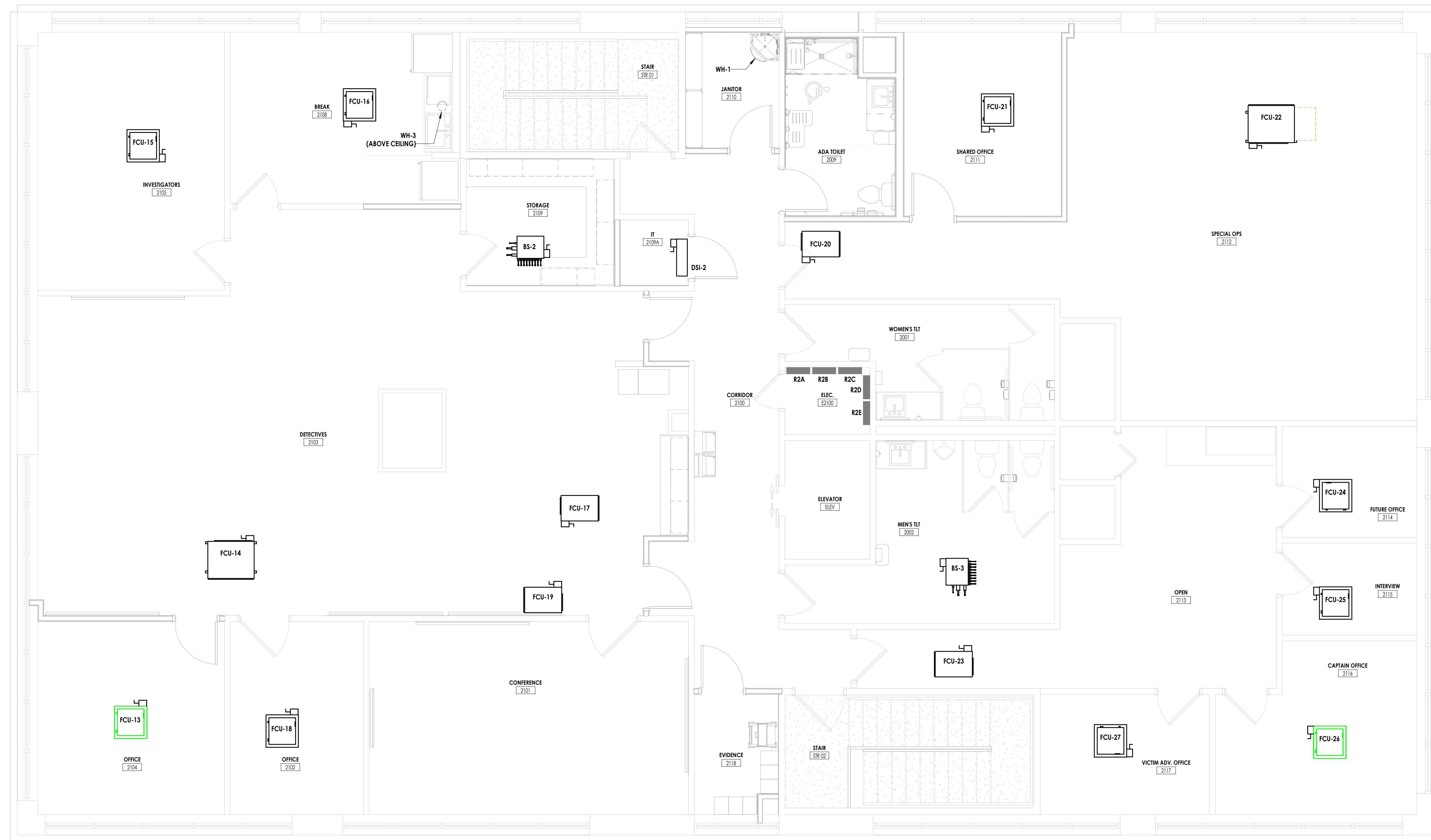
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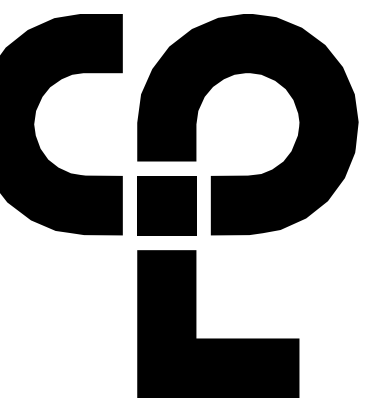
**1** ELECTRICAL - LEVEL 2 - EQUIPMENT CONNECTION PLAN  
 E501 1/4" = 1'-0"

**PROFESSIONAL STAMPS**



**SHEET INFORMATION**

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**GENERAL NOTES**

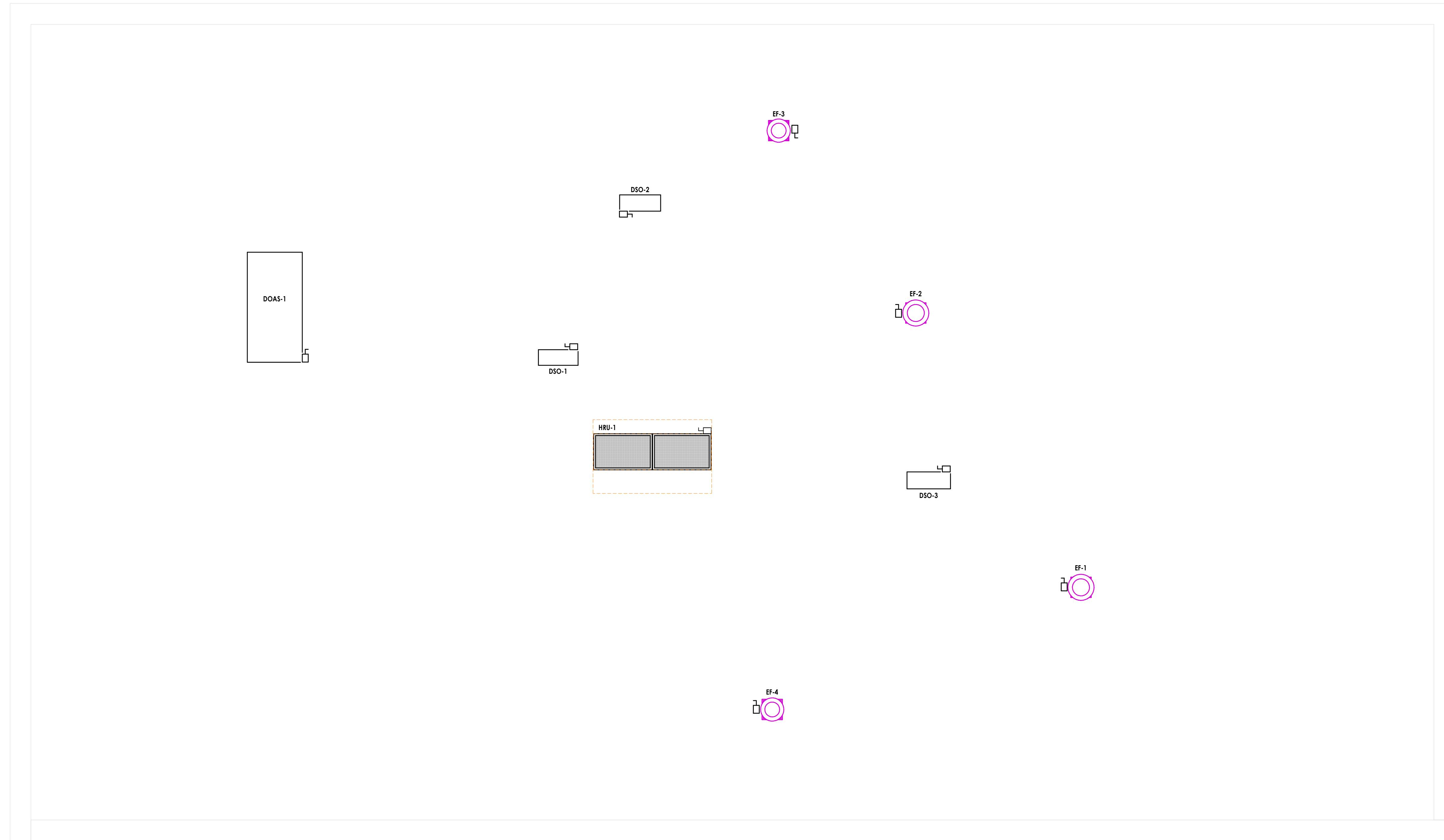
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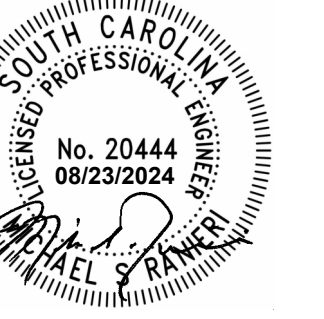
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#	Date	Description



**1**  
 E502  
**ELECTRICAL - ROOF - EQUIPMENT CONNECTION PLAN**  
 1/4" = 1'-0"

**PROFESSIONAL STAMPS**



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