

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
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 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	GRASS	LH	LEFT HAND	PC CONC	PRECAST CONCRETE	U	UNFINISHED
AP	ACCESS PANEL	DEPT	DEPARTMENT	LIB	LIBRARY	LH	LEFT HAND	PRE FAB	PREFABRICATED	UNFIN	UNFINISHED
ACOUS	ACOUSTICAL	DET.DTL	DETAIL	LT	LIGHT	LI	LEFT HAND	PT	PRESSURE TREATED	UNO	UNLESS NOTED OTHERWISE
ACT	ACOUSTICAL CEILING TILE	DI	DIAMETER	LW	LIGHT WEIGHT	LO	LEFT HAND	PL	PROPERTY LINE	U	URINAL
AWP	ACOUSTICAL WALL PANEL	DI	DIAMETER	GA	GAUGE	M	METER	QTY	QUANTITY	V	VEENEER
ADJ	ADJACENT	DIM	DIMENSION	GEN	GENERAL	MACH	MACHINE	R	RADIUS	VIF	VERIFY IN FIELD
A/C	AIR CONDITIONING	DSP	DISPENSER	MCH	MAN HOLE	MH	MAN HOLE	REC	RECEPTACLE	VEST	VESTIBULE
ALT	ALTERNATE	DSP	DISPOSAL	MHC	MAN HOLE COVER	MFR	MANUFACTURER	REF	REFERENCE	VOL	VOLUME
ALUM	ALUMINUM	DO	DITTO, REPEAT, SAME	MFR	MANUFACTURER	MFR	MANUFACTURER	REFR	REFRIGERATOR	W	WATER CLOSET
AB	ANCHOR BOLT	DR	DOOR, REPEAT, SAME	MFR	MANUFACTURER	MFR	MANUFACTURER	REIN	REINFORCING	WT	WEIGHT
ANOD	ANODIZED	DBL	DOUBLE	MFR	MANUFACTURER	MFR	MANUFACTURER	REQ'D	REQUIRED	WWM	WELDED WIRE MESH
APPROX	APPROXIMATE	DN	DOWN	MFR	MANUFACTURER	MFR	MANUFACTURER	REV	REVISED	W	WEST
ARCH	ARCHITECT, ARCHITECTURAL	DN	DOWN	MFR	MANUFACTURER	MFR	MANUFACTURER	RH	RIGHT HAND	WIND	WINDOW
AD	AREA DRAIN	DS	DOWNSPOUT	MFR	MANUFACTURER	MFR	MANUFACTURER	R	RISER	WJ	WITH
ACM	ASBESTOS CONTAINING MATERIAL	DT	DRAIN TILE	MFR	MANUFACTURER	MFR	MANUFACTURER	RD	ROOF DRAIN	W/O	WITHOUT
@	AT	DW	DRAWER	MFR	MANUFACTURER	MFR	MANUFACTURER	RM	ROOM	WD	WOOD
AUTO	AUTOMATIC	DWG	DRAWING	MFR	MANUFACTURER	MFR	MANUFACTURER	RO	ROUGH OPENING	Y	YARD
B	BEARING PLATE	DF	DRINKING FOUNTAIN	MFR	MANUFACTURER	MFR	MANUFACTURER	S	SANITARY		
BP	BEARING PLATE	E	EACH	MFR	MANUFACTURER	MFR	MANUFACTURER	SCHED	SCHEDULE		
BM	BENCH MARK	EA	EACH	MFR	MANUFACTURER	MFR	MANUFACTURER	SEC	SECOND		
BTUM	BITUMINOUS	EF	EACH FACE	MFR	MANUFACTURER	MFR	MANUFACTURER	SECT	SECTION		
BLK	BLOCK	EW	EACH WAY	MFR	MANUFACTURER	MFR	MANUFACTURER	SM	SIMILAR		
BLKG	BLOCKING	EW	EACH WAY	MFR	MANUFACTURER	MFR	MANUFACTURER	SSM	SOLID SURFACE MATERIAL		
BD	BOARD	F	FAST	MFR	MANUFACTURER	MFR	MANUFACTURER	STC	SOUND TRANSMISSION COEFFICIENT		
BOT	BOTTOM	ELEC	ELECTRICAL	MFR	MANUFACTURER	MFR	MANUFACTURER	SPEC	SPECIFICATION		
BRK	BRICK	ELEV	ELEVATION	MFR	MANUFACTURER	MFR	MANUFACTURER	SG	SQUARE		
BIDG	BUILDING	EL	ELEVATOR	MFR	MANUFACTURER	MFR	MANUFACTURER	SGFT	STRUCTURAL GLAZED FACING TILE		
BN	BULLNOSE	EMER	EMERGENCY	MFR	MANUFACTURER	MFR	MANUFACTURER	STL	STEEL		
C	C	ENCL	ENCLOSURE	MFR	MANUFACTURER	MFR	MANUFACTURER	STRUC	STRUCTURE, STRUCTURAL		
CAB	CABINET	ENTR	ENTRANCE	MFR	MANUFACTURER	MFR	MANUFACTURER	SUSP	SUSPENDED		
CI	CAST IRON	EQ	EQUAL	MFR	MANUFACTURER	MFR	MANUFACTURER	SAT	SUSPENDED ACOUSTICAL TILE		
CB	CATCH BASIN OR CHALK BOARD	EQUIP	EQUIPMENT	MFR	MANUFACTURER	MFR	MANUFACTURER	T	TELEPHONE		
CLG	CEILING	EST	ESTIMATE(D)	MFR	MANUFACTURER	MFR	MANUFACTURER	TEMP	TEMPERATURE		
CLG HT	CEILING HEIGHT	EXHST	EXHAUST	MFR	MANUFACTURER	MFR	MANUFACTURER	THK	THICKNESS		
CL	CENTER LINE	EXST	EXISTING	MFR	MANUFACTURER	MFR	MANUFACTURER	TPD	TOILET PAPER DISPENSER		
CER	CERAMIC	EXP	EXPANSION	MFR	MANUFACTURER	MFR	MANUFACTURER	TOS	TOP OF SLAB/STEEL		
CIRC	CIRCUMFERENCE	EXP	EXPANSION JOINT	MFR	MANUFACTURER	MFR	MANUFACTURER	TOW	TOP OF WALL		
CO	CLEAN OUT	F	FINISH FLOOR	MFR	MANUFACTURER	MFR	MANUFACTURER				
CLR	CLEAR	FAB	FABRICATE	MFR	MANUFACTURER	MFR	MANUFACTURER				
COL	COLUMN	FT	FEET	MFR	MANUFACTURER	MFR	MANUFACTURER				
CONC	CONCRETE	FIG	FIGURE	MFR	MANUFACTURER	MFR	MANUFACTURER				
CMU	CONCRETE MASONRY UNIT	FIN	FINISH	MFR	MANUFACTURER	MFR	MANUFACTURER				
CONST	CONSTRUCTION	FIN	FINISH FLOOR	MFR	MANUFACTURER	MFR	MANUFACTURER				
CJT	CONSTRUCTION JOINT	FIRE	FIRE HOSE	MFR	MANUFACTURER	MFR	MANUFACTURER				
CONT	CONTINUOUS	FLR	FLOOR	MFR	MANUFACTURER	MFR	MANUFACTURER				
CONTR	CONTRACTOR	FD	FLOOR DRAIN	MFR	MANUFACTURER	MFR	MANUFACTURER				
CJ	CONTROL JOINT	FOOTING	FOOTING	MFR	MANUFACTURER	MFR	MANUFACTURER				
		FND	FOUNDATION	MFR	MANUFACTURER	MFR	MANUFACTURER				

EARTH	BRICK	RIGID INSULATION	1 HR RATING
GYPSUM 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	ALUMINUM	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
912 South Main Street
Suite 1,
Greenville, SC 29601
T. 864.220.9300
CPLteam.com

ARCHITECT

CPL | Architecture Engineering Planning
6302 Fairview Road
Suite 102,
Charlotte, NC 28210
T. 704.331.9131
CPLteam.com

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.

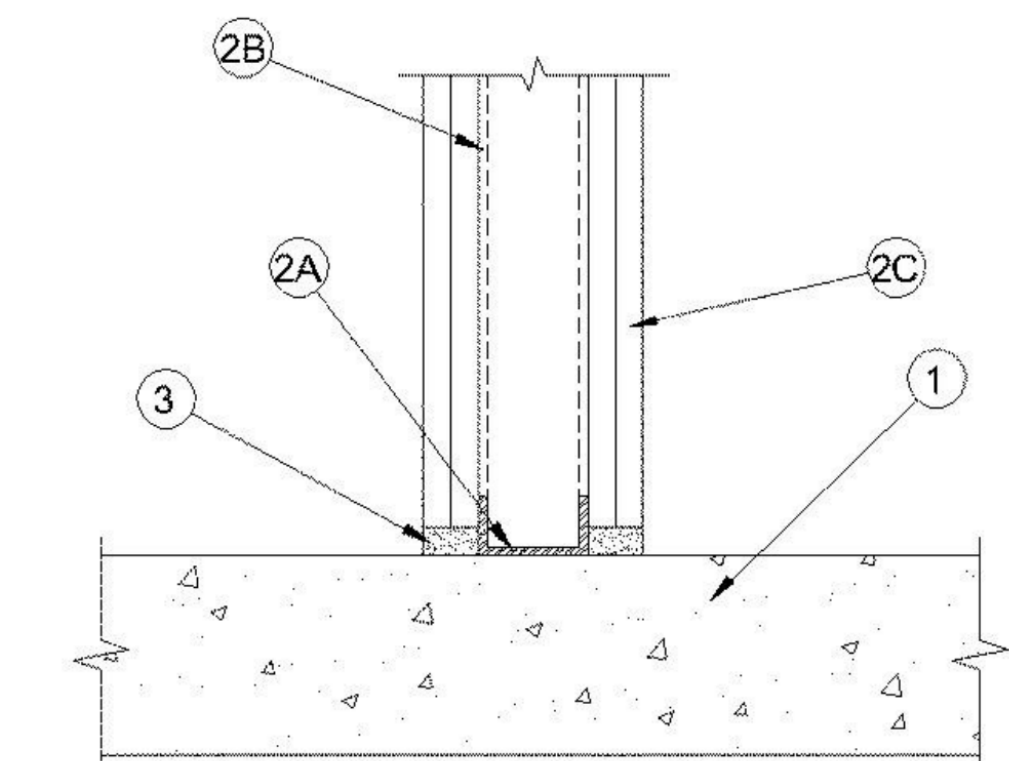
XHBN - Joint Systems
XHBN7 - Joint Systems Certified for Canada

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 (100-1000 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

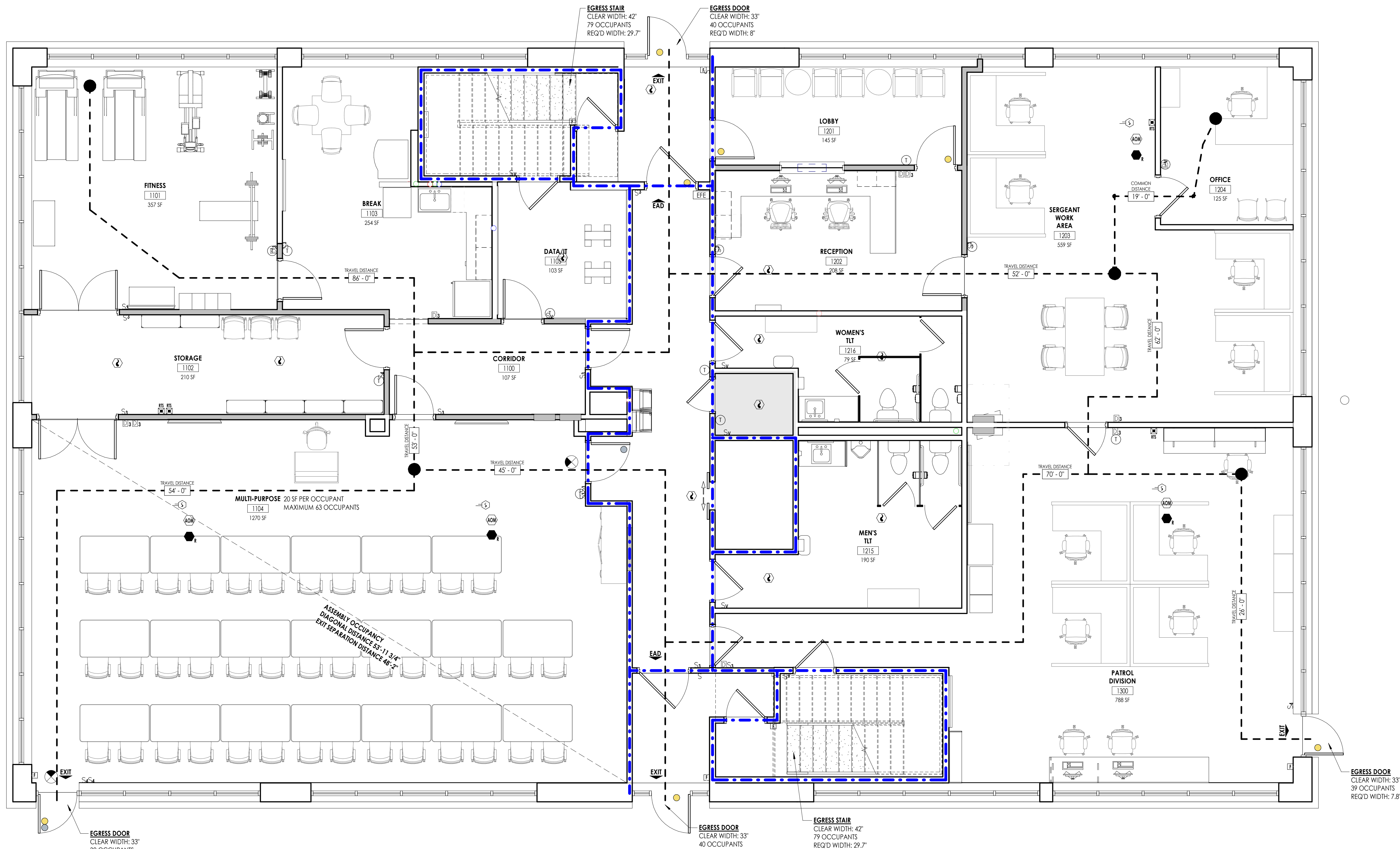
surface of the wall.
MILT CONSTRUCTION CHEMICALS, DIV OF HILTI INC — C9015 Elastomeric Firestop Sealant, C9006 Flexible Firestop Sealant, CFS-5 SL, GG, FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

* 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 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.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Construction, Design, Systems, and/or Certifications (if any) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."



LIFE SAFETY SYMBOL LEGEND

	ACCESSIBLE BUILDING ENTRANCE
	EXIT
	EXIT UNITS
	EXIT ACCESS DOOR
	EXIT DISCHARGE
	HORIZONTAL EXIT
	EXIT SIGN
ROOM NAME 	ROOM NAME
	ROOM NUMBER
	ROOM AREA
	OCCUPANT LOAD FACTOR
	OCCUPANT LOAD
STAIR 	PROVIDED WIDTH
	REQUIRED WIDTH
	ANTICIPATED LOAD
DOOR 	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 	EXISTING FIRE EXTINGUISHER/HOSE CABINET CONDITIONS.
NEW 	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



CPJ | Architecture Engineering Planning
6302 Fairview Road Suite 102,
Charlotte, NC 28210
CPJteam.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

No.	Date	Description
1	07/03/2024	JUNE ROCK HILL COMMENTS
2	08/12/2024	AUGUST ROCK HILL COMMENTS

PROFESSIONAL STAMPS



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

XHBN.HW-D-0020 - Joint Systems

Design/System/Construction/Assembly Usage Disclaimer

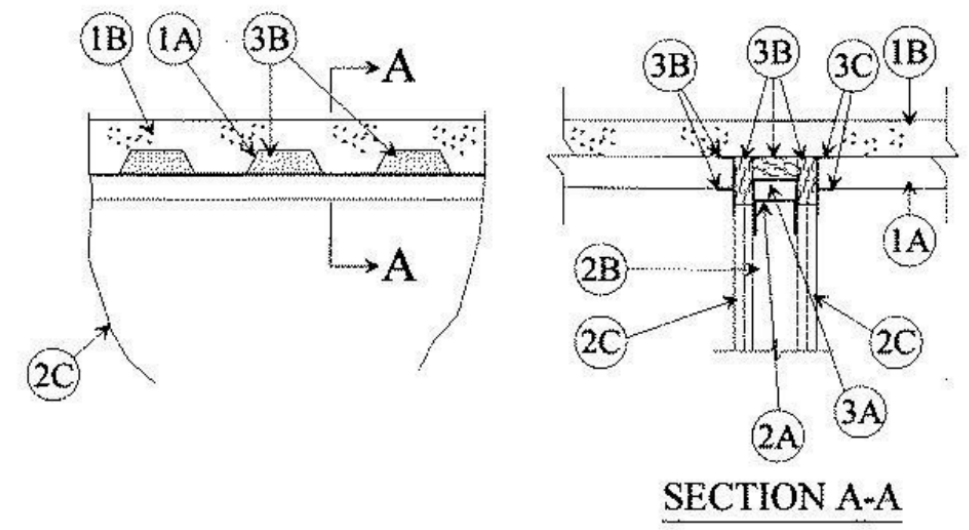
- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, systems, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always 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 24 in. (610 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.
- BRADY CONSTRUCTION INNOVATIONS INC. DSA SUPTRACK SYSTEMS** — SLP-17K

CALIFORNIA EXPANDED METAL PRODUCTS CO — CST

CLARKDIEBICH BUILDING SYSTEMS — Type S11, S17-H

CONSOLIDATED FABRICATORS CORP BUILDING PRODUCTS DIV — SPT250, SPT300

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

METAL-LITE INC — The System

OLMAS SUPPLY INC — ST250, ST300

R & P SUPPLY — SCT250, SCT300

RAM SALES L.L.C. — RAM Slotted Track

SCAFCO STEEL STUD MANUFACTURING CO

STELER INC. — Steeler 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 runner 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** **Steel Stud** (Item 2B3). Floor and ceiling runners to be provided with min 1-3/4 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 Studs** — 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 pan head steel screw. Slotted steel stud spacing not to exceed 24 in. (610 mm) OC.

STELER INC. — Slotted Stud

- Light Gauge Framing** — **Slider-C-Clip System** — As an alternate to the **Light Gauge Framing** **Slotted Steel Studs** (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.

STELER INC. — Slider-C-Clip System

- Light Gauge Framing** — **Steel Studs** — 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.

- 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.
 - Fill, Void or Cavity Material** — Min 1/8 in. (3 mm) thick (or 3/2 mm) wide 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.

INDUSTRIAL INSULATION GROUP L.L.C. — Mineral 1200 Safing

ROCK WOOL MANUFACTURING CO — Delta Board or Delta-8

ROCKWOOL MALAYSIA SDN BHD — Type Safe

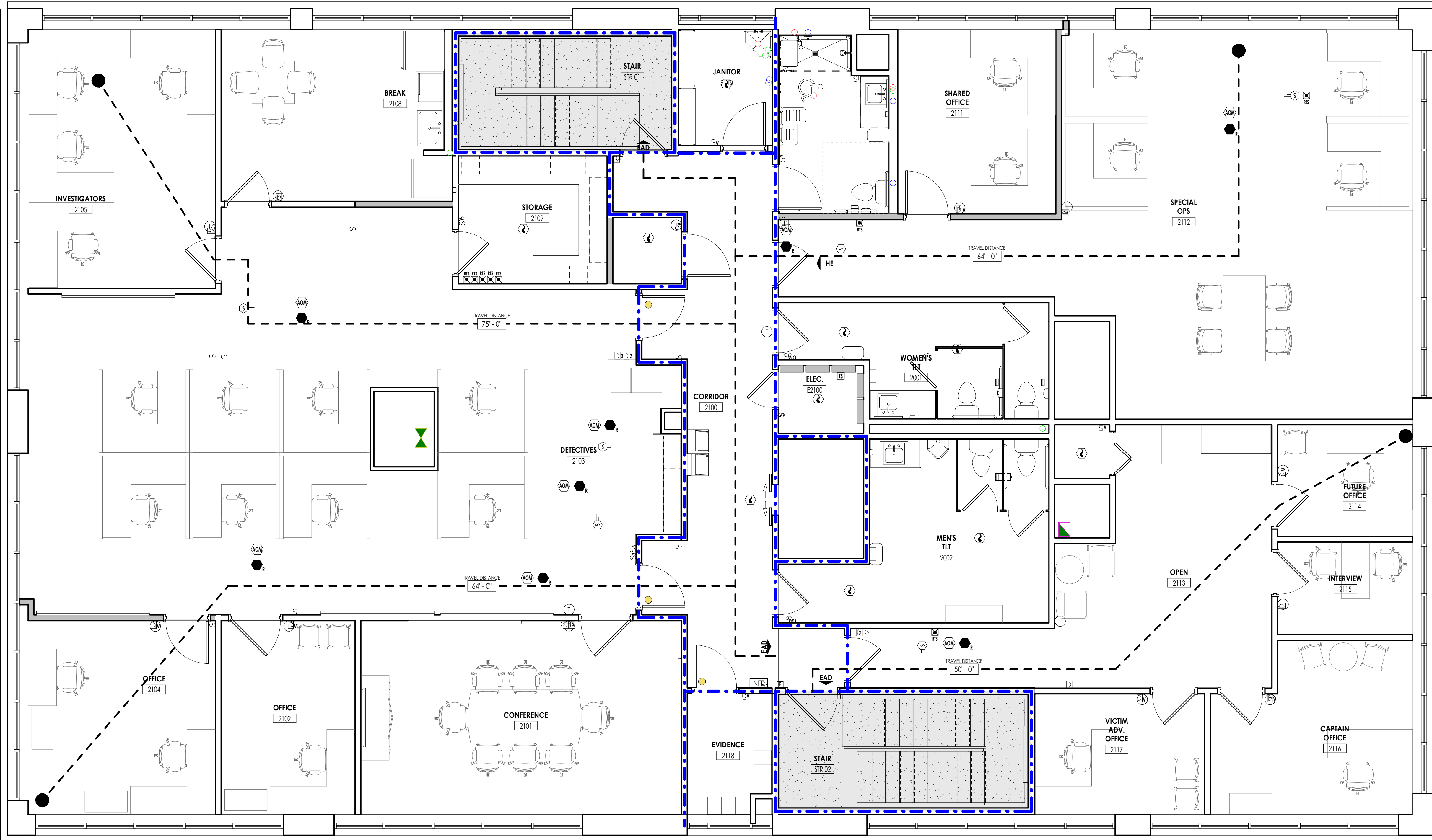
ROCKWOOL — Type Safe

THERMAFIBER INC. — Type Saf

- 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, to be used in conjunction with the plugs to fill the gap between the top of gypsum board and bottom of steel deck.

THERMAFIBER INC. — Toprow mineral wool deck plug Type Saf

- Fill, Void or Cavity Material** — Min 1/8 in. (3 mm) thick (or 3/2 mm) wide 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.



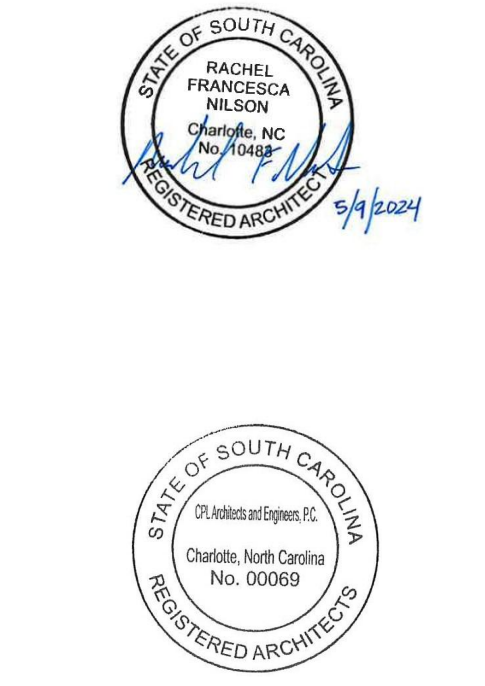
LIFE SAFETY SYMBOL LEGEND	
	ACCESSIBLE BUILDING ENTRANCE
	EXIT
	EXIT UNITS
	EXIT ACCESS DOOR
	EXIT DISCHARGE
	HORIZONTAL EXIT
	EXIT SIGN
ROOM NAME	ROOM NAME ROOM NUMBER ROOM AREA OCCUPANT LOAD FACTOR OCCUPANT LOAD
	PROVIDED WIDTH REQUIRED WIDTH ANTICIPATED LOAD
	CLEAR WIDTH REQUIRED WIDTH ANTICIPATED 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

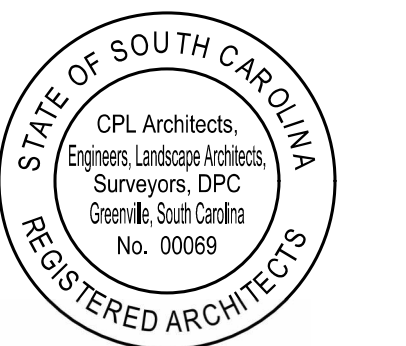
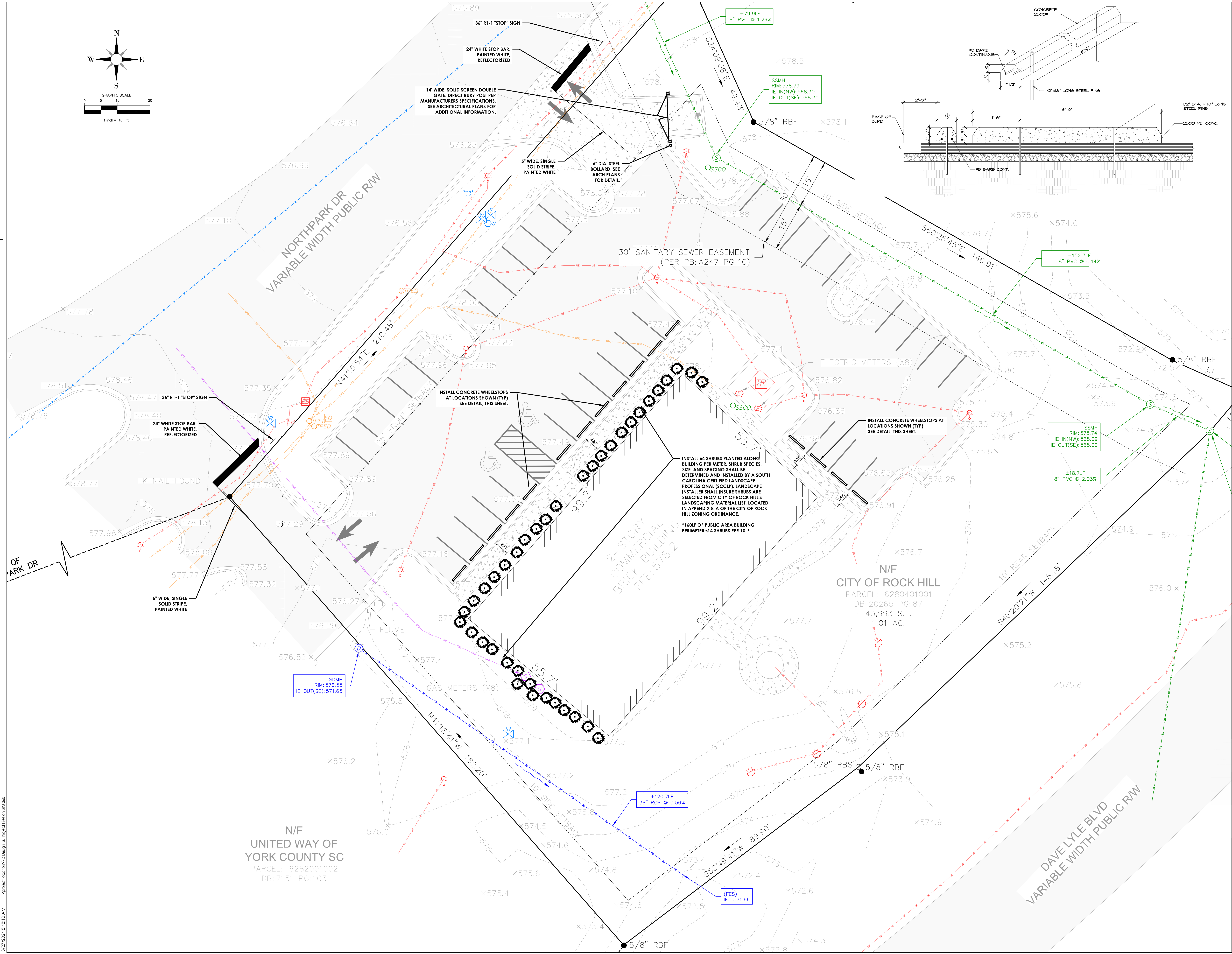
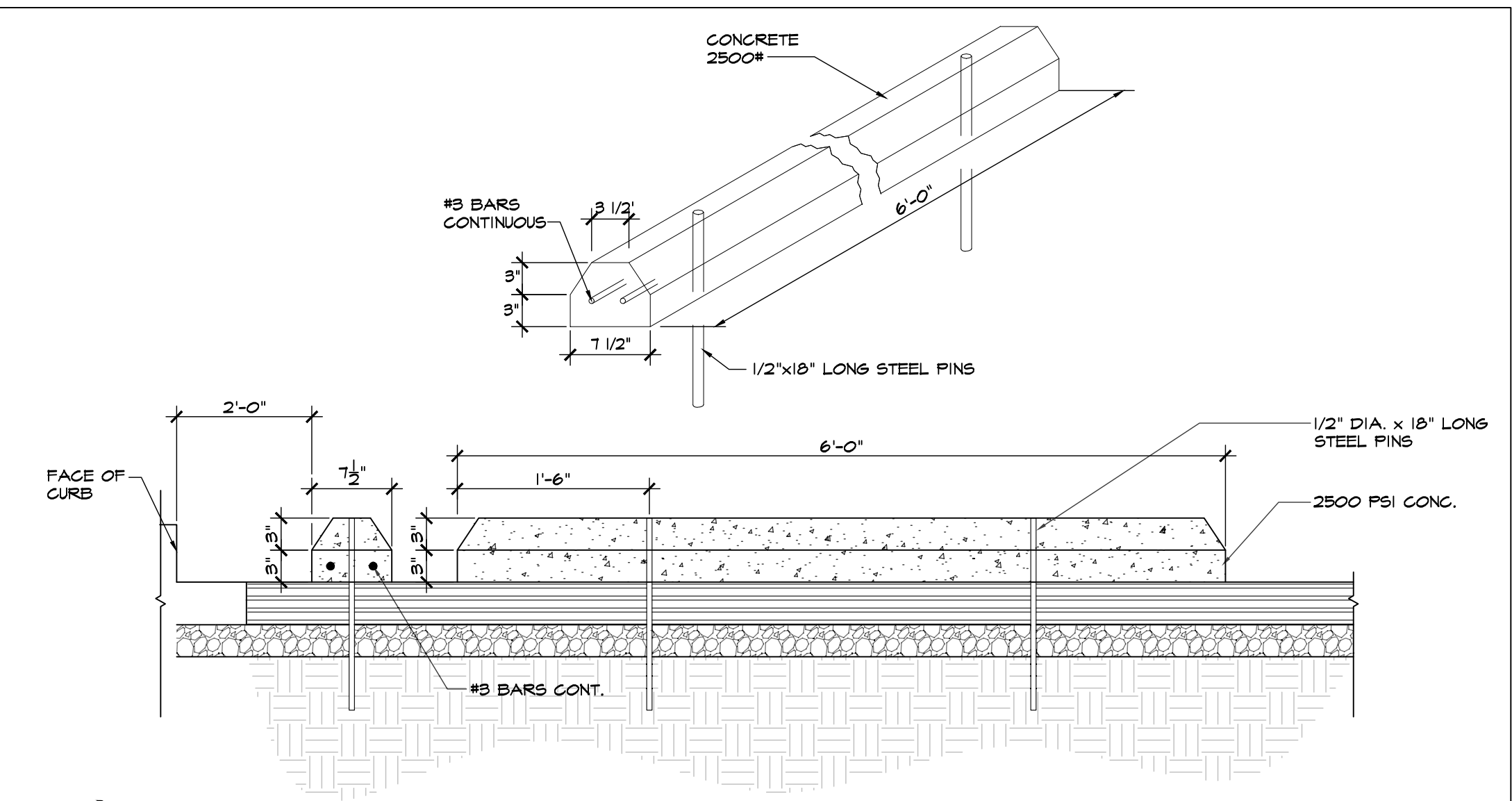
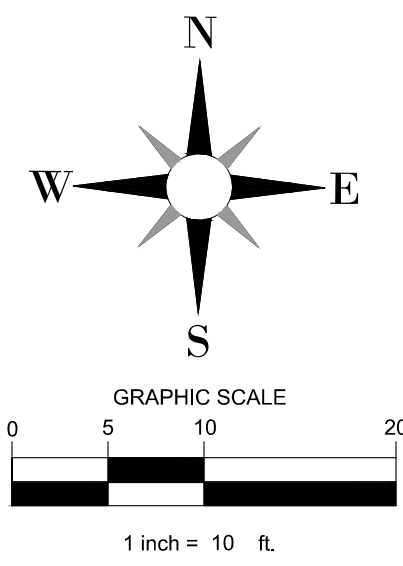
PROJECT ISSUE & REVISION SCHEDULE
 No. Date Description
 1 07/03/2024 JUNE ROCK HILL COMMENTS

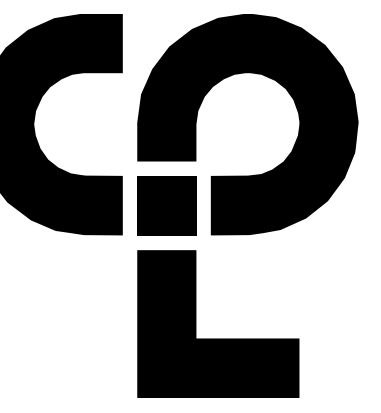
PROFESSIONAL STAMPS



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

Drawing Number: A002





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: Scale: 05/09/2024 As Indicated

Project Status: 100% CONSTRUCTION DOCUMENTS

Drawn By: NDS Checked By: RT

Drawing Title: OVERALL DEMOLITION PLAN

LEVEL 1

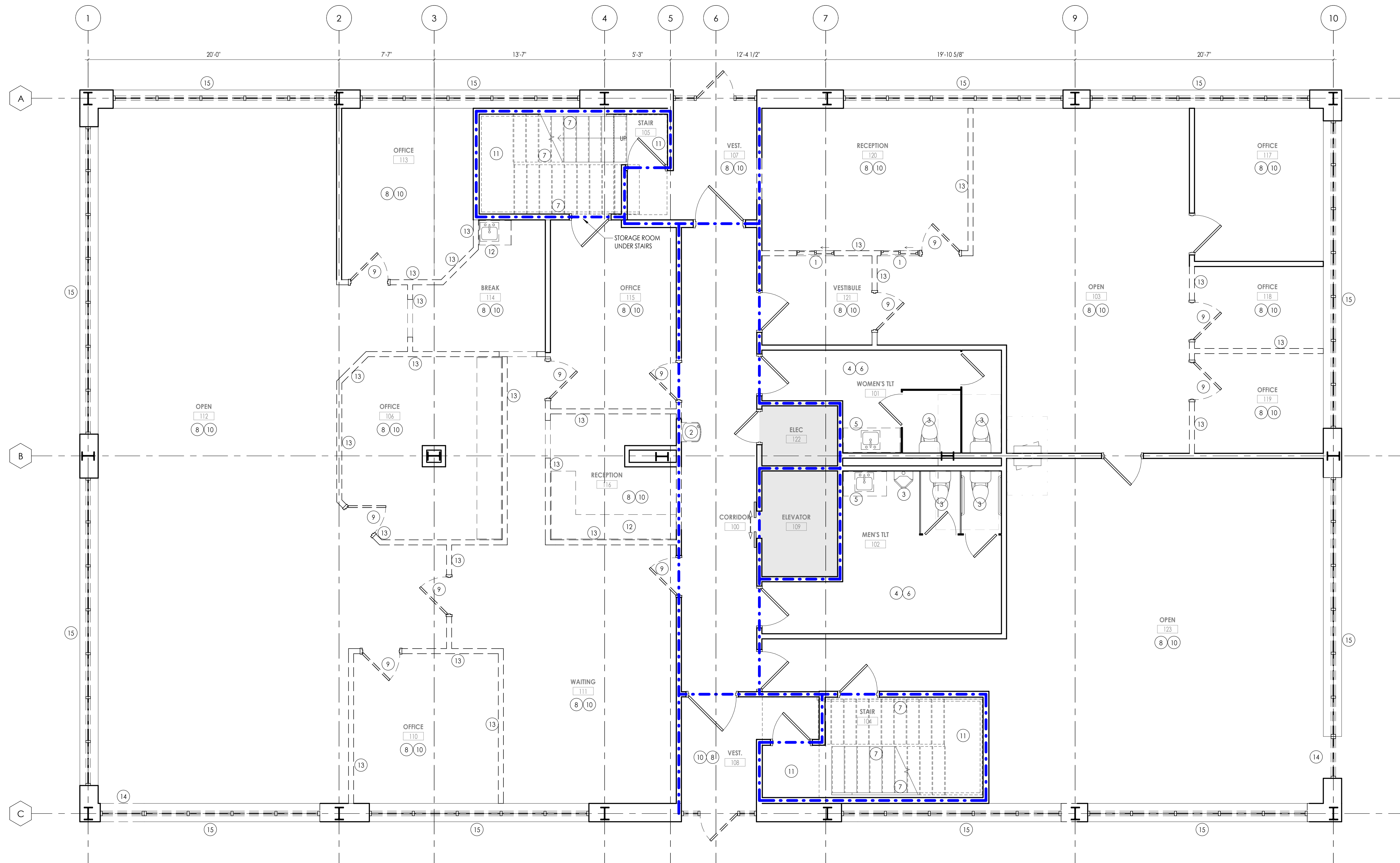
Drawing Number

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.

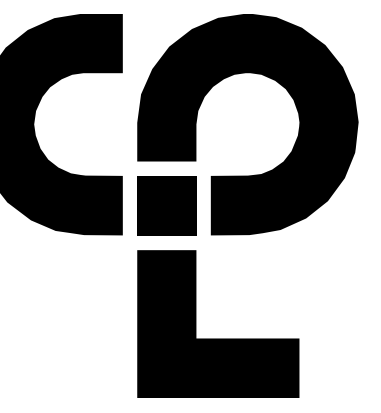
DEMOLITION KEY NOTES

- 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-EMP.
- 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.



1 A101

 PROJECT NORTH
DEMOLITION - LEVEL 1
 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 Description

PROFESSIONAL STAMPS



SHEET INFORMATION

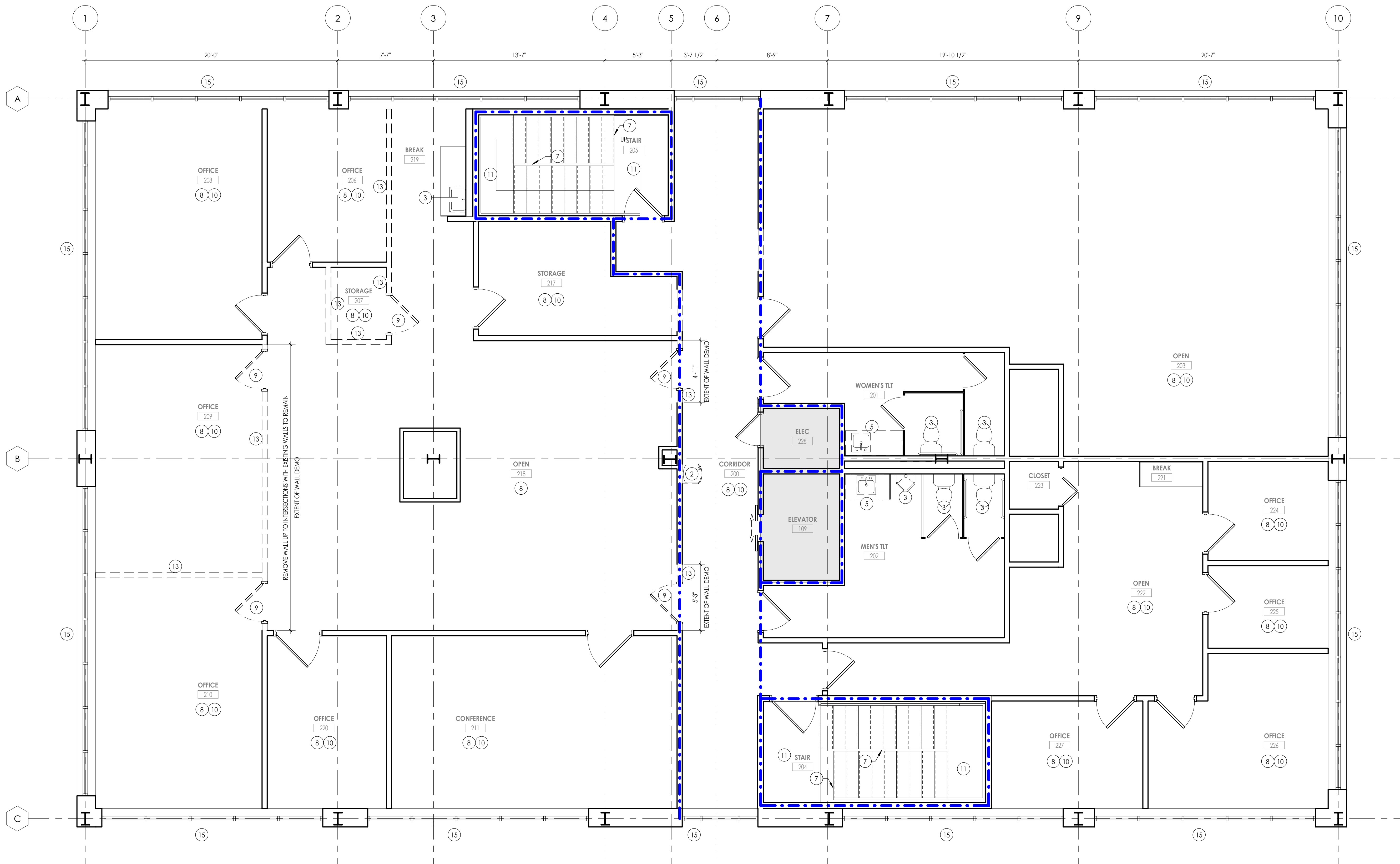
Name: Scale: As indicated
Date: 05/09/2024
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: NDS Checked By: RI
Drawing Title: OVERALL DEMOLITION PLAN LEVEL 2
Drawing Number:

DEMOLITION GENERAL NOTES

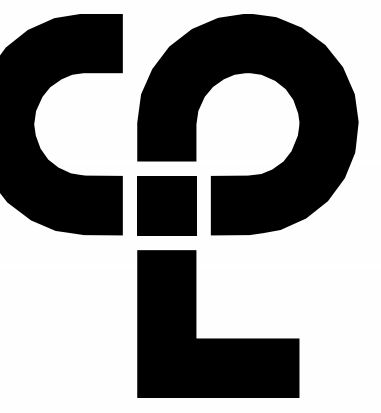
- ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF MATERIALS TO BE REMOVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS PRIOR TO COMMENCEMENT OF ALL DEMOLITION WORK.
- REFER TO THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR DEMOLITION 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/ARCHITECTS 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 400 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.



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



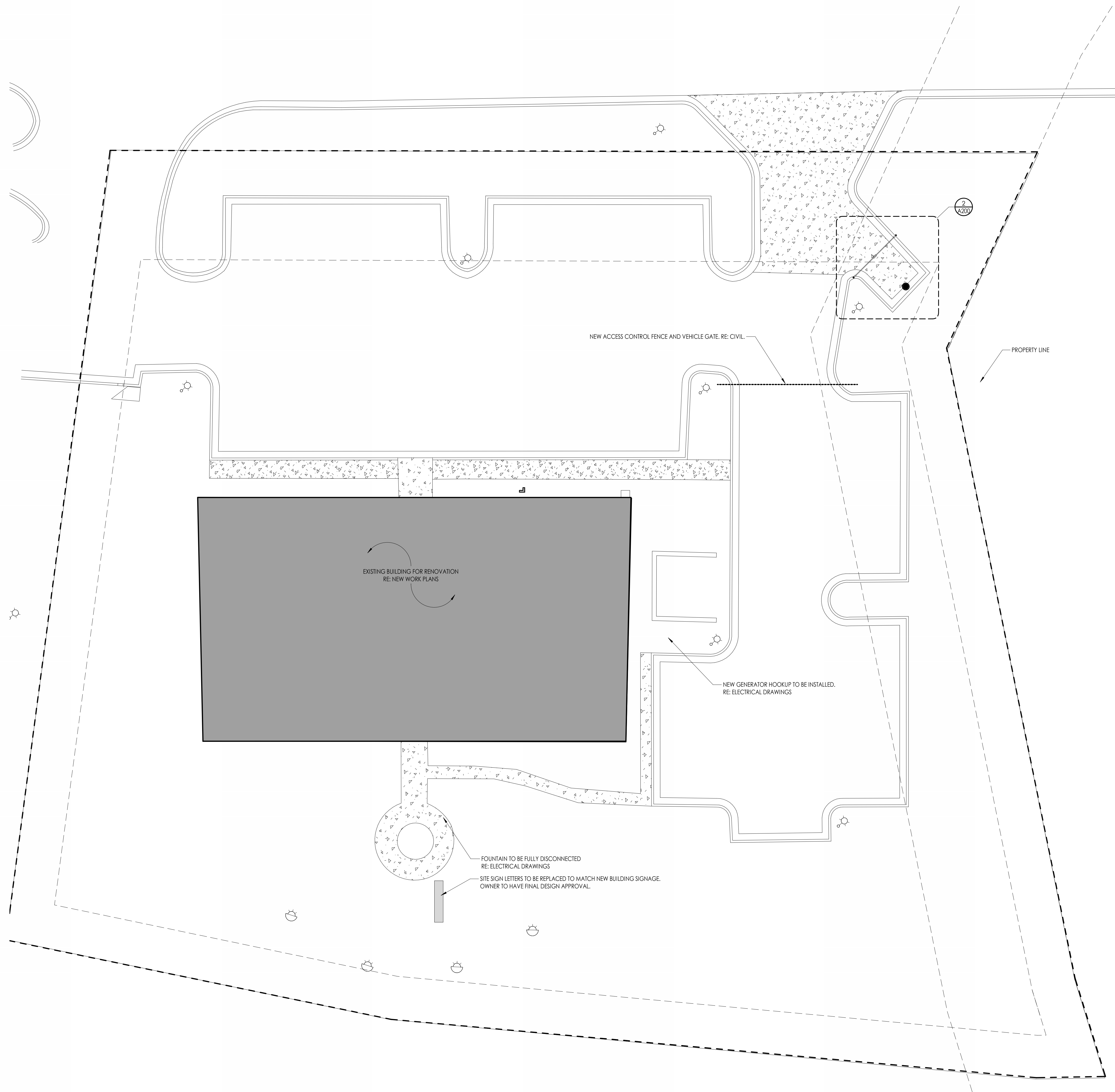
PROJECT INFORMATION

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

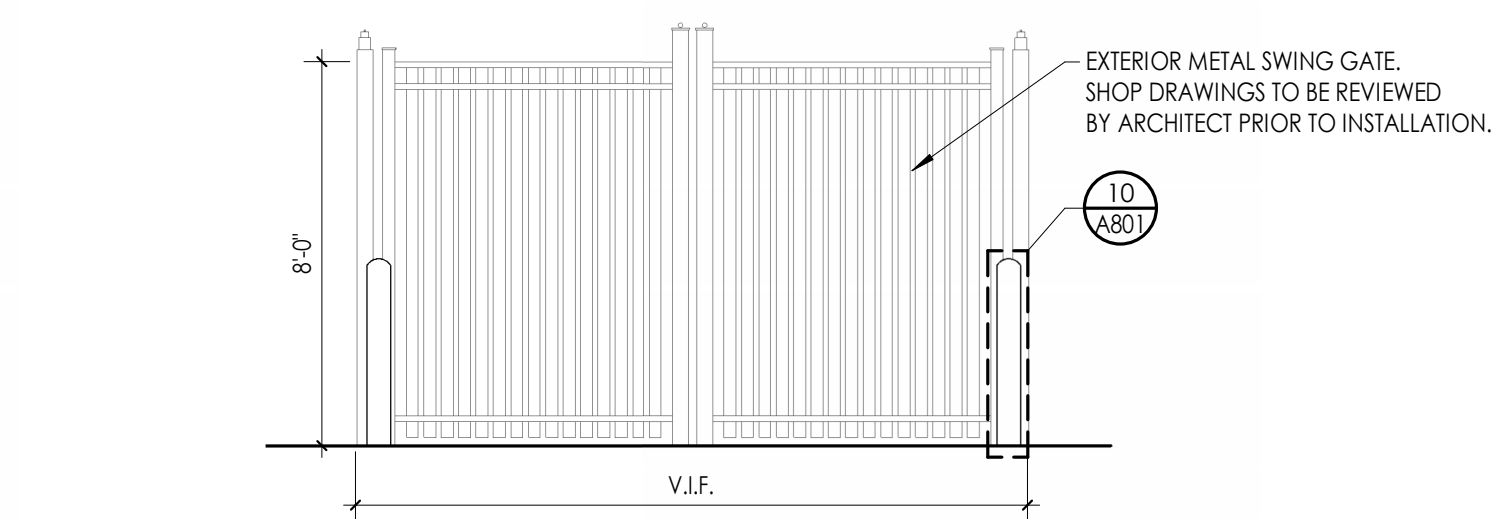
Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

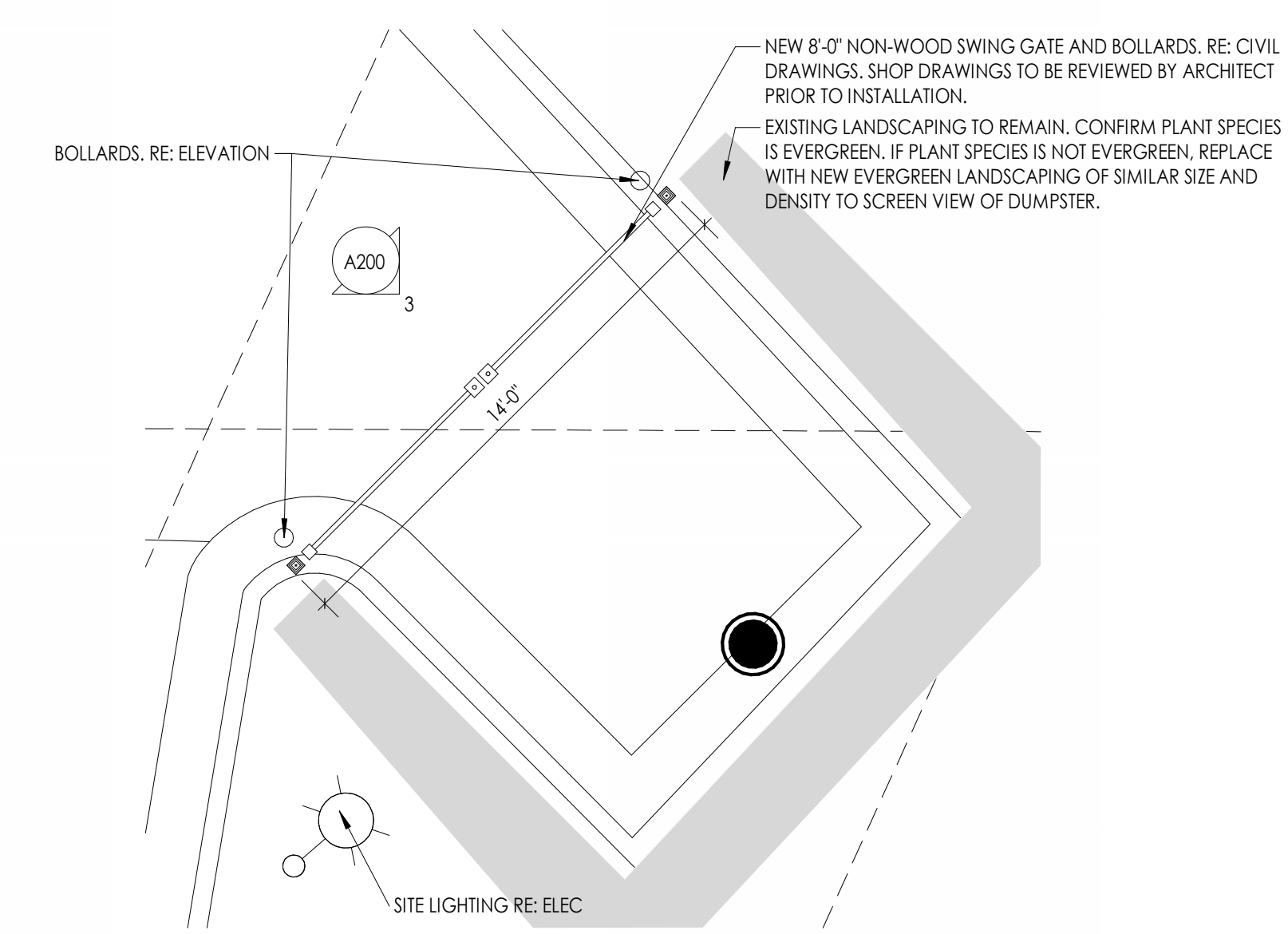
Rev	Date	Description
1	07/03/2024	JUNE ROCK HILL COMMENTS
2	08/12/2024	AUGUST ROCK HILL COMMENTS



1
A200
OVERALL ARCHITECTURAL SITE PLAN
3/32" = 1'-0"



3
A200
EXTERIOR DUMPSTER GATE ELEVATION.
1/4" = 1'-0"



2
A200
ENLARGED PLAN - NEW DUMPSTER ENCLOSURE
1/4" = 1'-0"

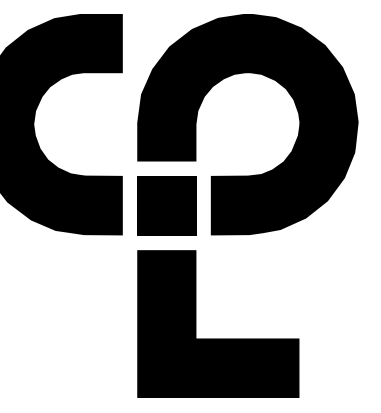
PROFESSIONAL STAMPS



SHEET INFORMATION

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

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
- W1** WINDOW TARGET, SEE SCHEDULE
- 1** 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**
- NFEC** NEW FIRE EXTINGUISHER CABINET
- NFEB** NEW FIRE EXTINGUISHER WALL MOUNTED WITH BRACKET

FLOOR PLAN KEY NOTES

- WALLS INDICATED TO RECEIVE SOUND ATTENUATING BATTS 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

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

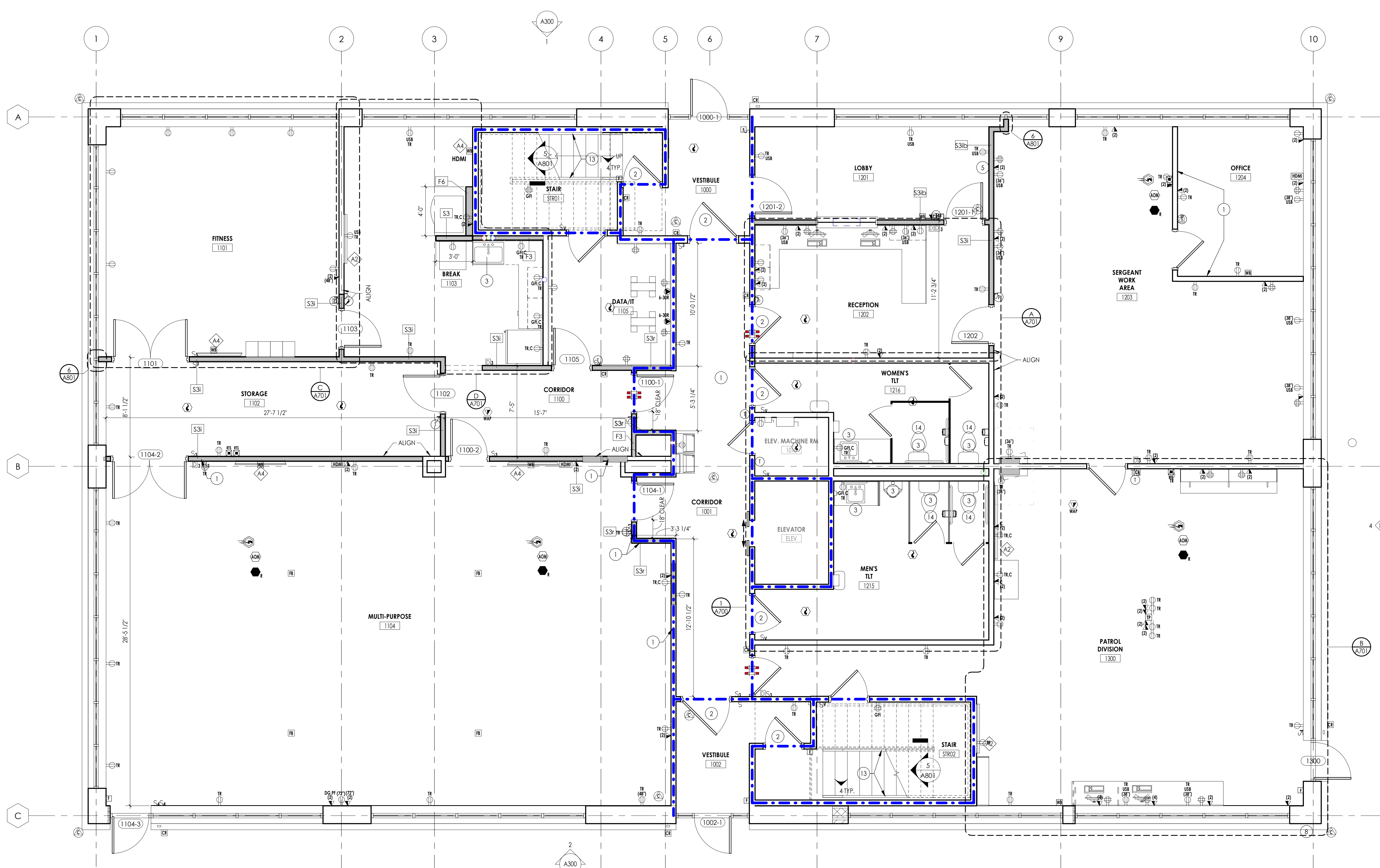
Date Description

PROFESSIONAL STAMPS

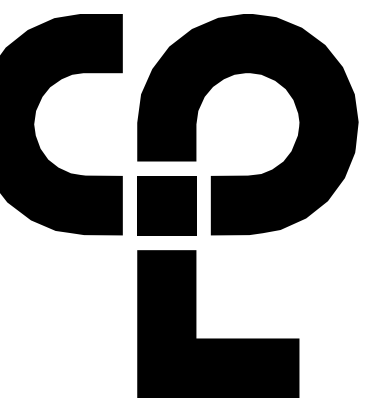


SHEET INFORMATION

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



CPLE | Architecture Engineering Planning
6302 Fairview Road Suite 102
Charlotte, NC 28210
CPLE.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

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, CURTAIN WALLS, 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 THE PROJECT.

- DOOR
- 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

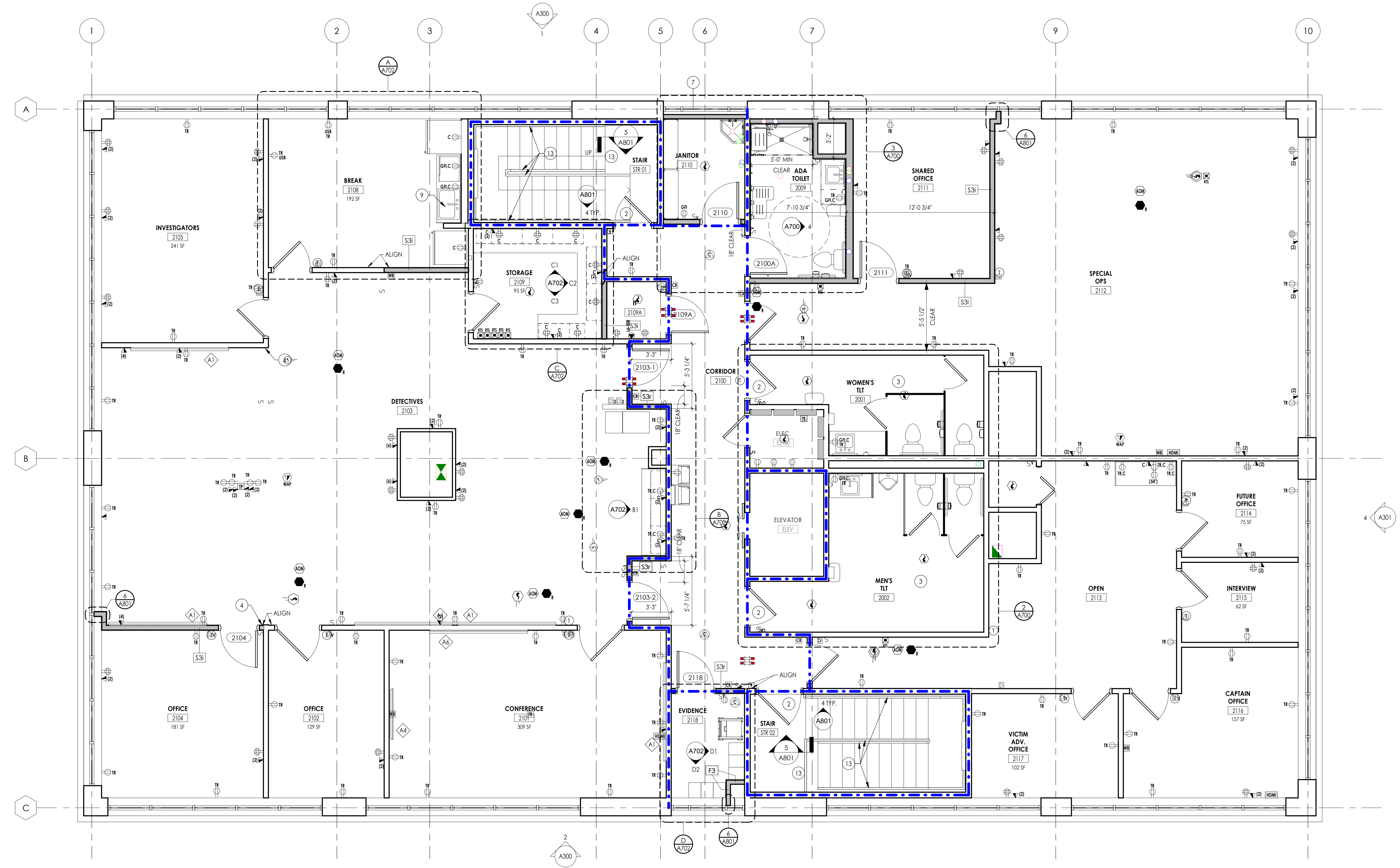
- WALLS INDICATED TO RECEIVE SOUND ATTENUATING BATS ABOVE CEILING 24" EACH SIDE OF WALL
- REPLACE DOOR HARDWARE WITH NEW
- REPLACE ALL PLUMBING FIXTURES WITH NEW
- PATCH TO MATCH EXISTING CONSTRUCTION
- WALL-MOUNTED PHONE
- EXISTING MILLWORK TO REMAIN. PROTECT FROM DAMAGE FOR DURATION OF CONSTRUCTION.
- 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

PROFESSIONAL STAMPS

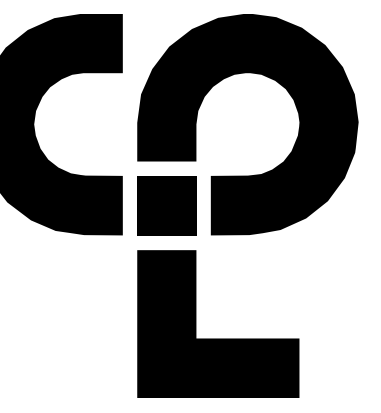


SHEET INFORMATION

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 2
Drawing Number:



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



CPL | Architecture Engineering Planning
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

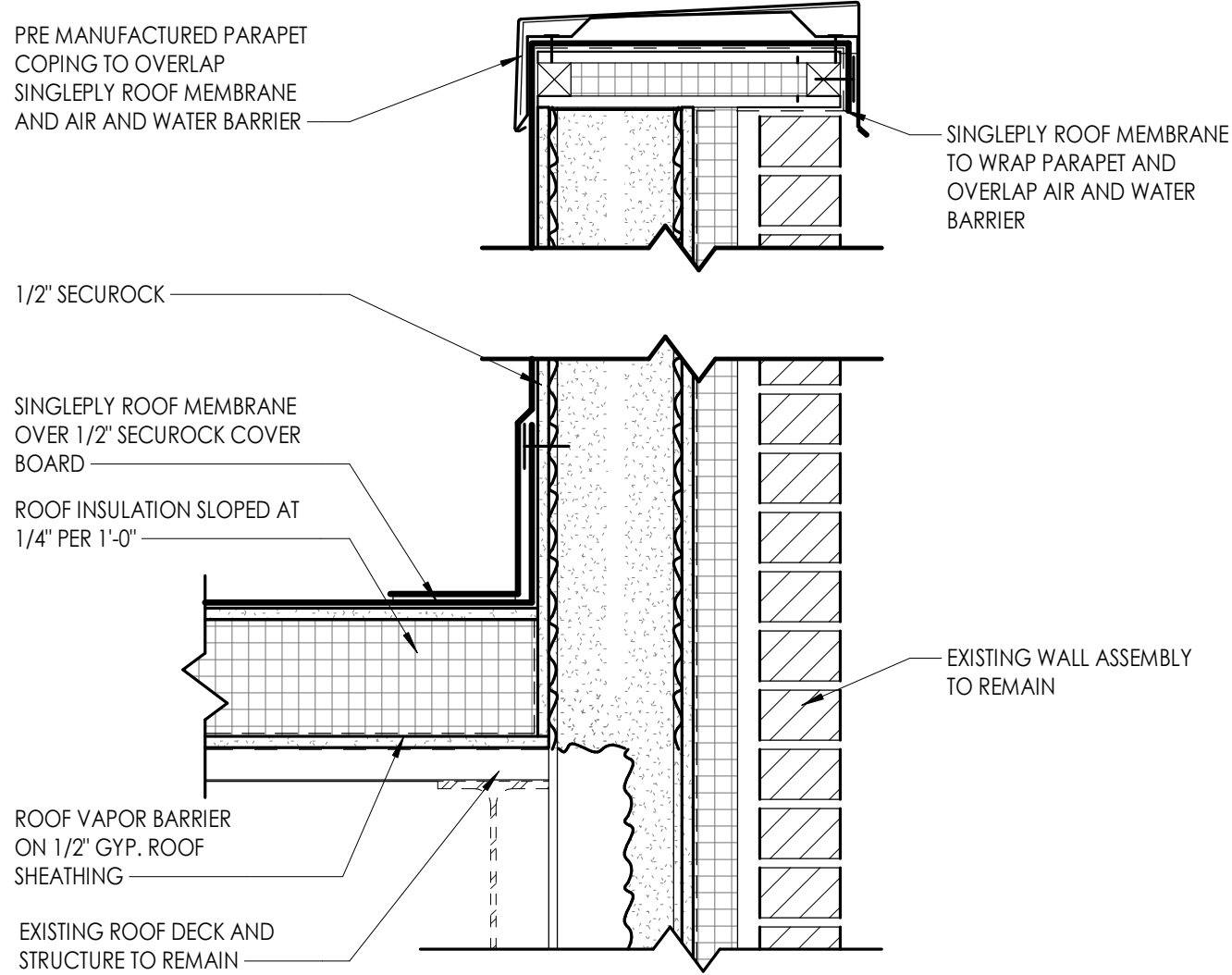
Name: Scale: As Indicated
Date: 05/09/2024
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: NDS Checked By: RI
Drawing Title: OVERALL ROOF PLAN

Drawing Number

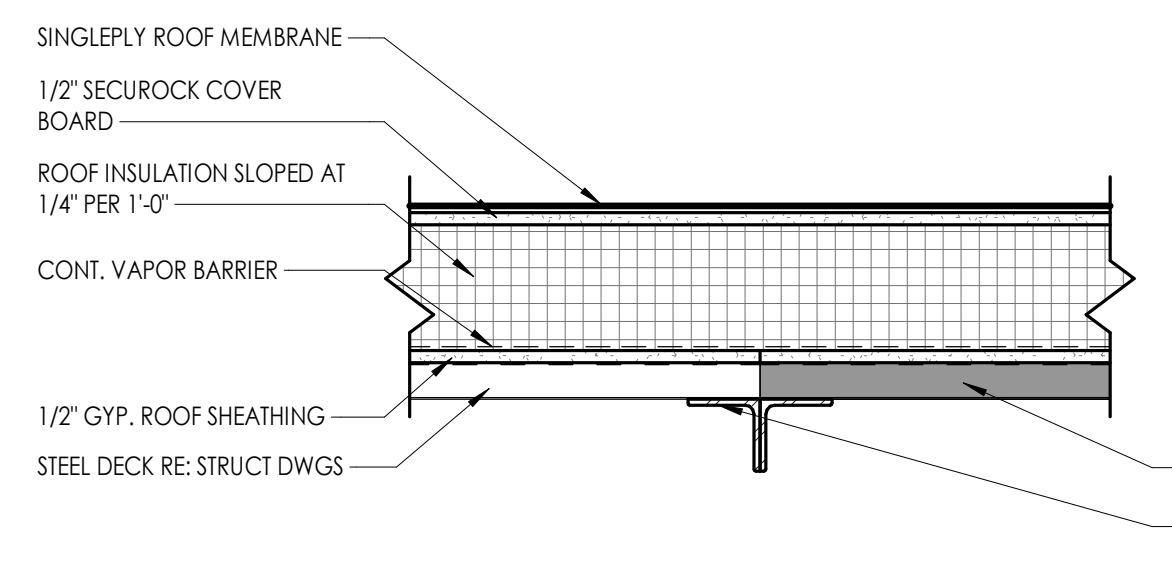
A203

ROOF PLAN GENERAL NOTES

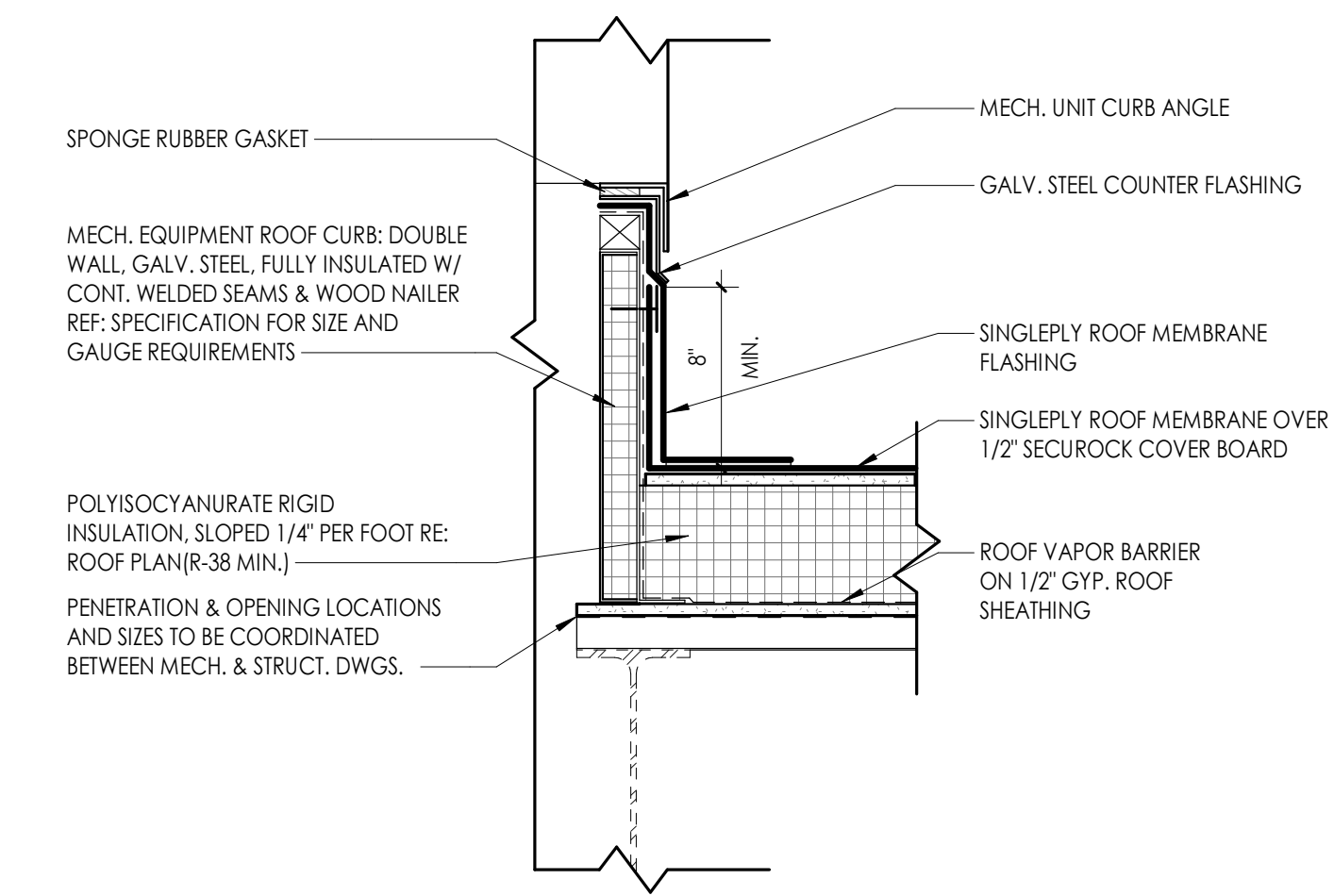
- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF MATERIALS. FIELD VERIFY ALL CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.
- REFER TO ALL DRAWINGS IN THE SET FOR LOCATIONS OF ALL ROOF PENETRATIONS. PROVIDE FRAMING AS REQUIRED.
- PAINT ALL ROOF FASTENERS EXPOSED TO VIEW AT UNDERSIDE 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 H/2 FOR LOCATION OF EXISTING ROOF EQUIPMENT TO BE REMOVED AND WHERE THE EXISTING ROOF IS TO BE PATCHED TO MATCH EXISTING MATERIALS.



SINGLE PLY ROOF - PARAPET DETAIL - BRICK VENEER
1 1/2" = 1'-0"



SINGLE PLY ROOF - INFILL DETAIL TYP.
1 1/2" = 1'-0"



SINGLE PLY ROOF - CURB TYP.
1 1/2" = 1'-0"

ROOF PLAN LEGEND

- ROOF DRAIN W/ SECONDARY
- SLOPED INSULATION LOW POINT (MIN. 5 1/2")
- SLOPED INSULATION HIGH POINT (MIN. 5 1/2")
- SLOPED INSULATION ROOF CRICKET. PROVIDE 1/4" / 1'-0" POSITIVE DRAINAGE
- VENT THRU ROOF. PROVIDE FLASHING PER ROOF MANUFACTURER'S DETAILS
- DUCT SUPPORT. PROVIDE FLASHING PER ROOF MANUFACTURER'S DETAILS
- MECH. CURB (W/ CRICKET). PROVIDE FLASHING PER ROOF MANUFACTURER'S DETAILS
- ROOF HATCH (SINGLE LEAF)
- ROOF SLOPE
- ROOF PAVER/MEMBRANE WALKWAY SYSTEM TYP.
- EXISTING THRU WALL SCUPPER W/ DOWNSPOUT.
- BALLASTED FALL PROTECTION RAILING SYSTEM
- EXPANSION JOINT.

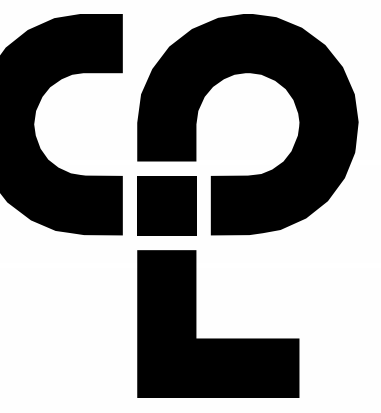
FLOOR PLAN KEY NOTES

- WALLS INDICATED TO RECEIVE SOUND ATTENUATING BATTS 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

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 OVERALL FLOOR PLAN - ROOF
1/4" = 1'-0"

8/23/2024 10:33:35 AM s:\projects\locations\CD Design & Project Files\01111_300



CPL | Architecture Engineering Planning
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

Issue/Revision	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:

A300

ELEVATION GENERAL NOTES

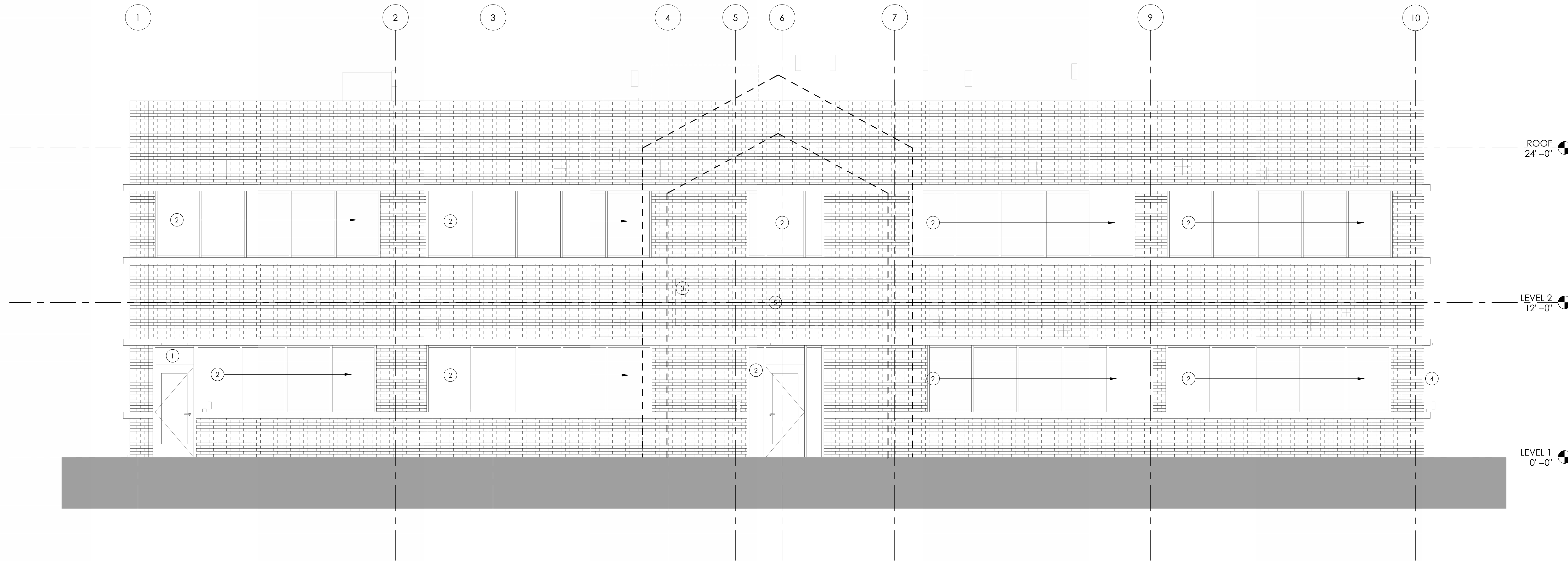
1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. MASONRY OPENINGS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS.
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 = BEJ

ELEVATION LEGEND

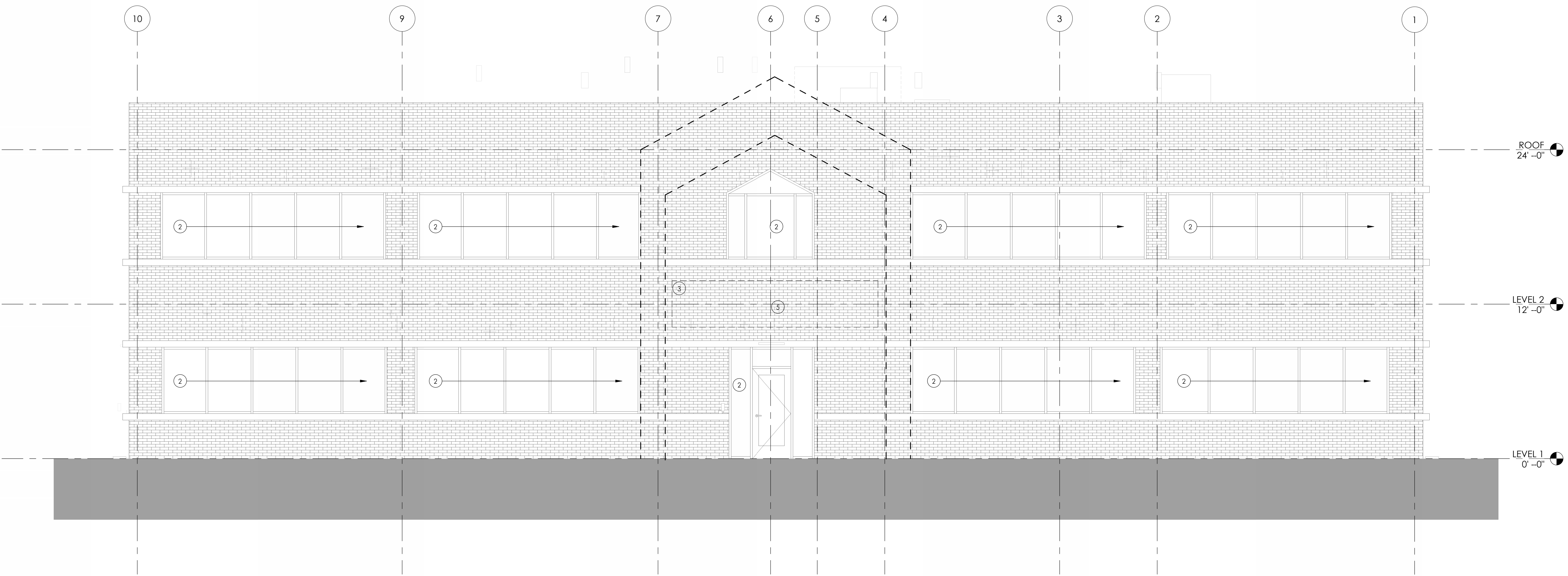
	CAST STONE		PRECAST CONCRETE
	CMU (RUNNING)		SIDING 4' HORIZONTAL
	CMU (STACKED)		STACKED STONE
	BRICK (RUNNING)		STANDING SEAM ROOF
	BRICK (STACKED)		BUILDING EXPANSION JOINT (BEJ)
	BRICK (SOLDIER)		EXPANSION JOINT (EJ)
			CONTROL JOINT (C-J)

ELEVATION KEY NOTES

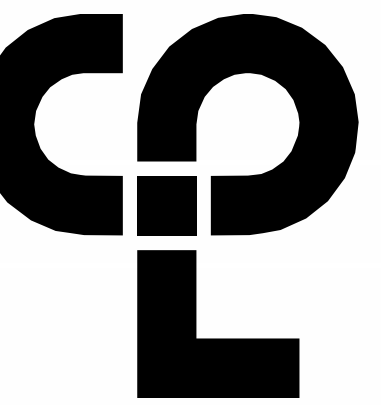
1. NEW TRANSOM TO BE GLAZED WITH INSULATED METAL PANEL TO MATCH FRAME.
2. ALL GLAZING AND STOREFRONT TO BE REPLACED IN KIND. VERIFY ROUGH OPENING PRIOR TO INSTALLATION. RE: A300
3. EXTERIOR SIGNAGE TO BE REMOVED. RE-POINT AND REPAIR BRICK. PREPARE EXTERIOR TO RECEIVE NEW SIGNAGE AS REQUIRED.
4. REPAIR 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.



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



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



CPL | Architecture Engineering Planning
 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

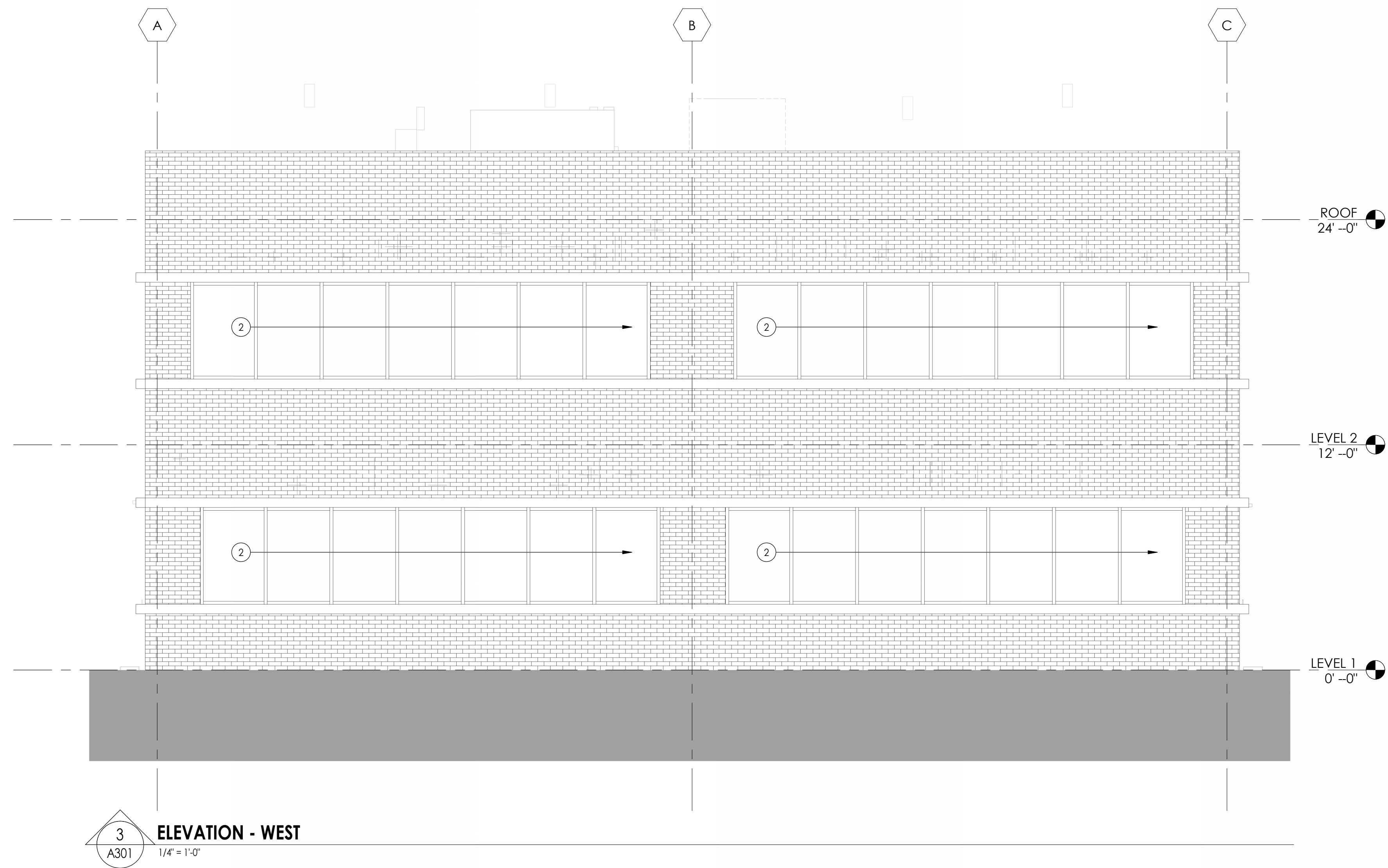
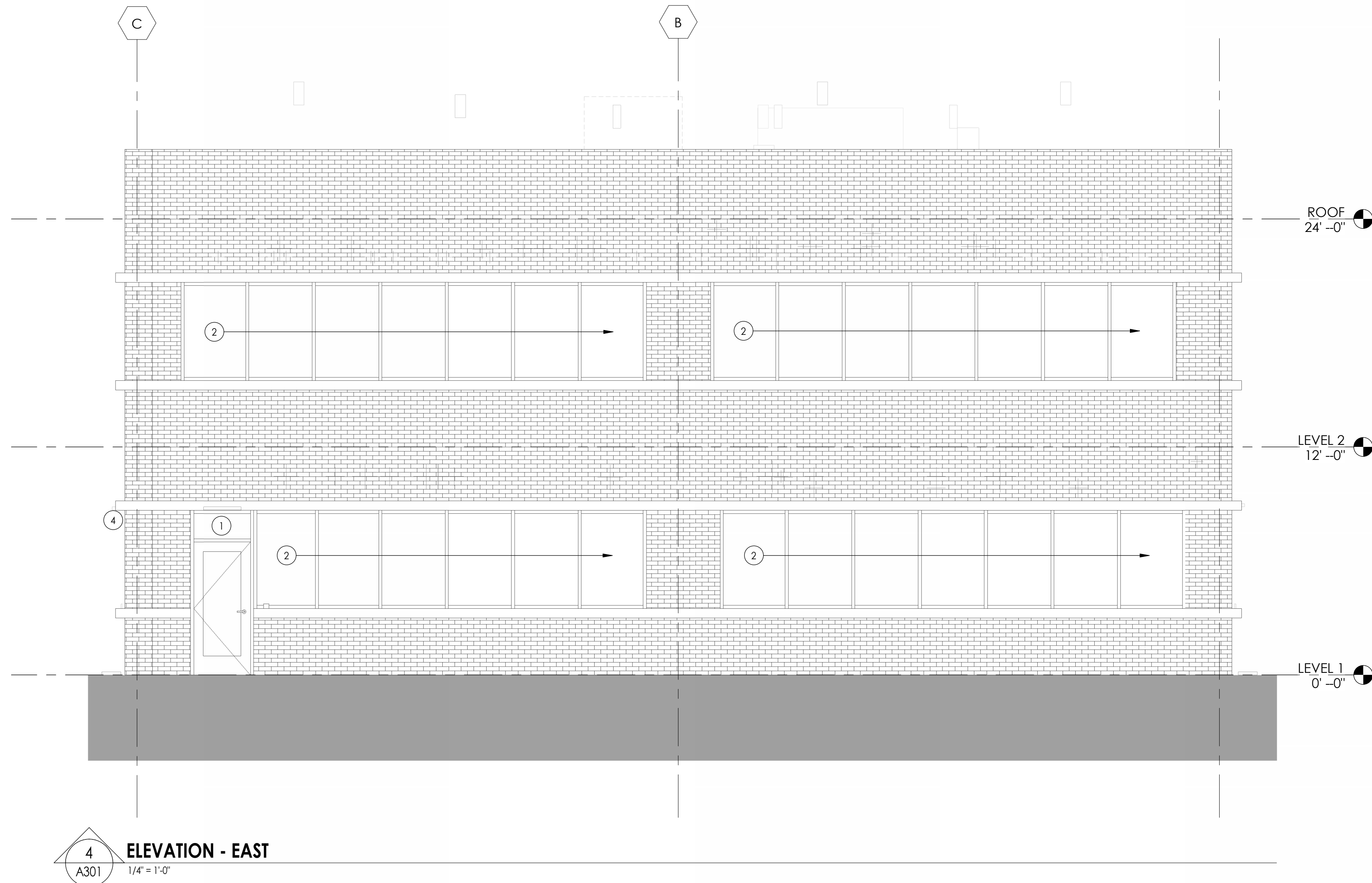
1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. MASONRY OPENINGS ARE APPROXIMATE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS.
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

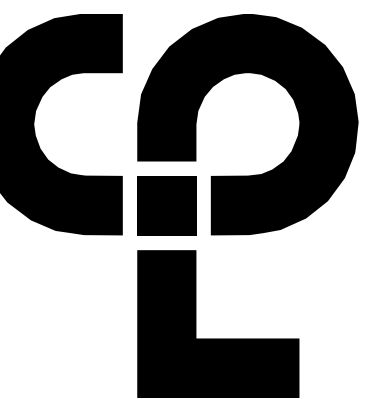
ELEVATION LEGEND

	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.





CPL | Architecture Engineering Planning
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

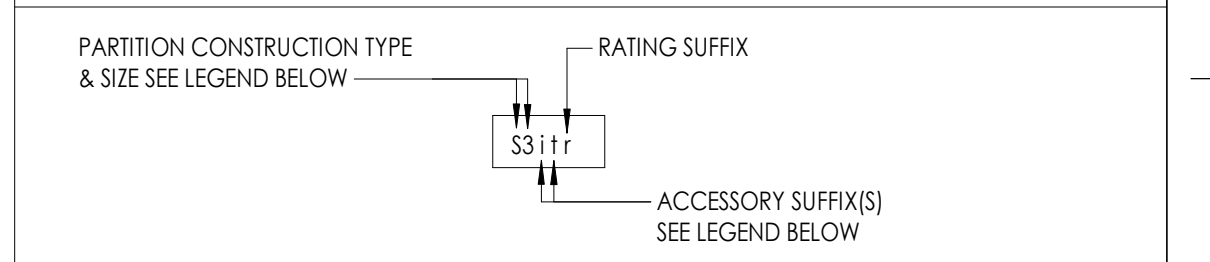
PROJECT ISSUE & REVISION SCHEDULE

Date: Description:

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



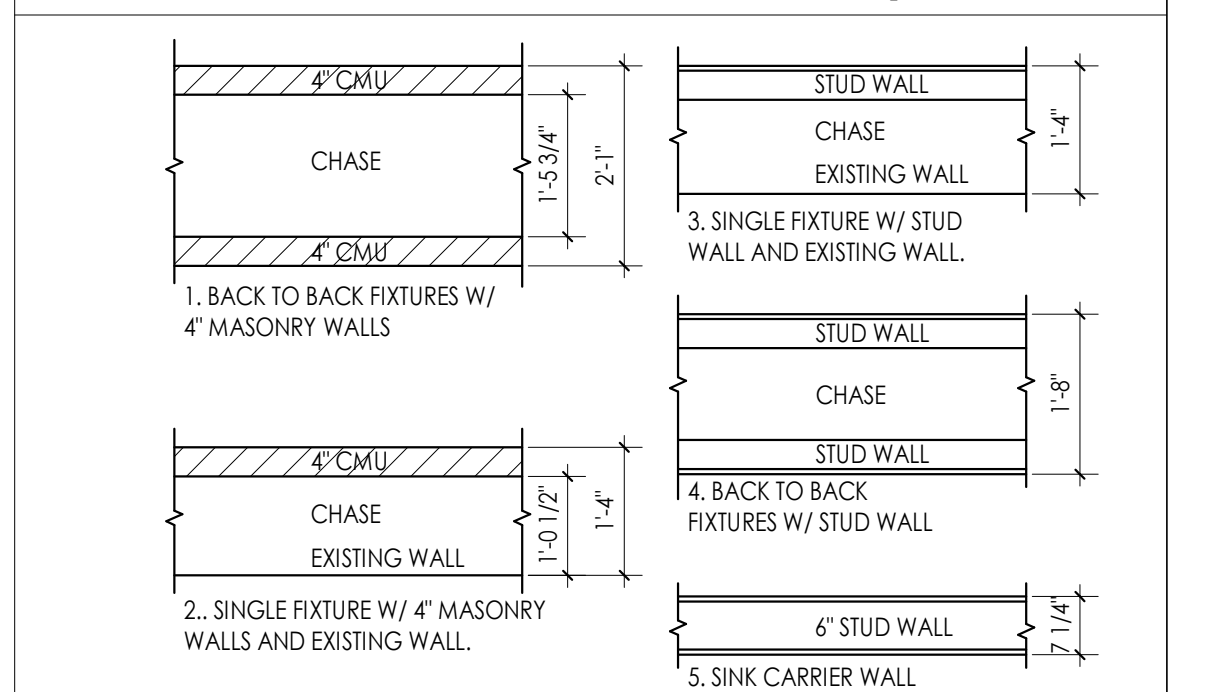
PARTITION CONSTRUCTION TYPE & SIZE LEGEND

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

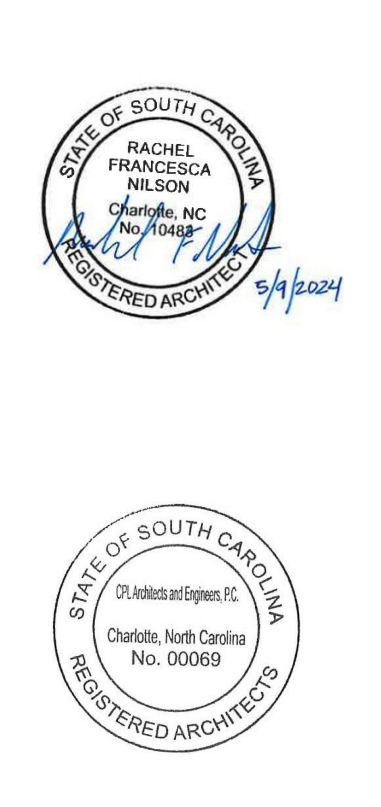
PARTITION TYPE SUFFIX

- 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



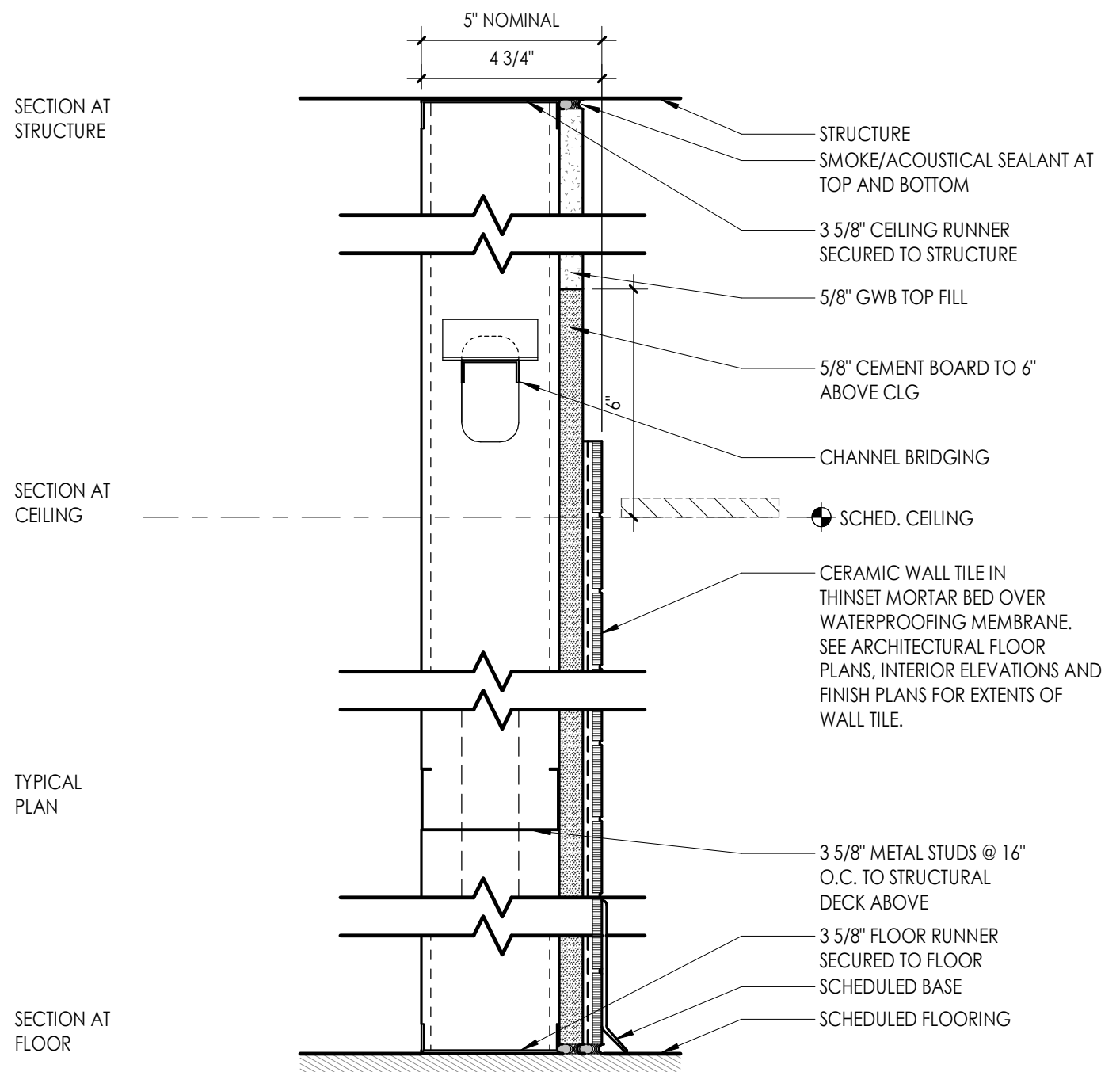
PROFESSIONAL STAMPS



SHEET INFORMATION

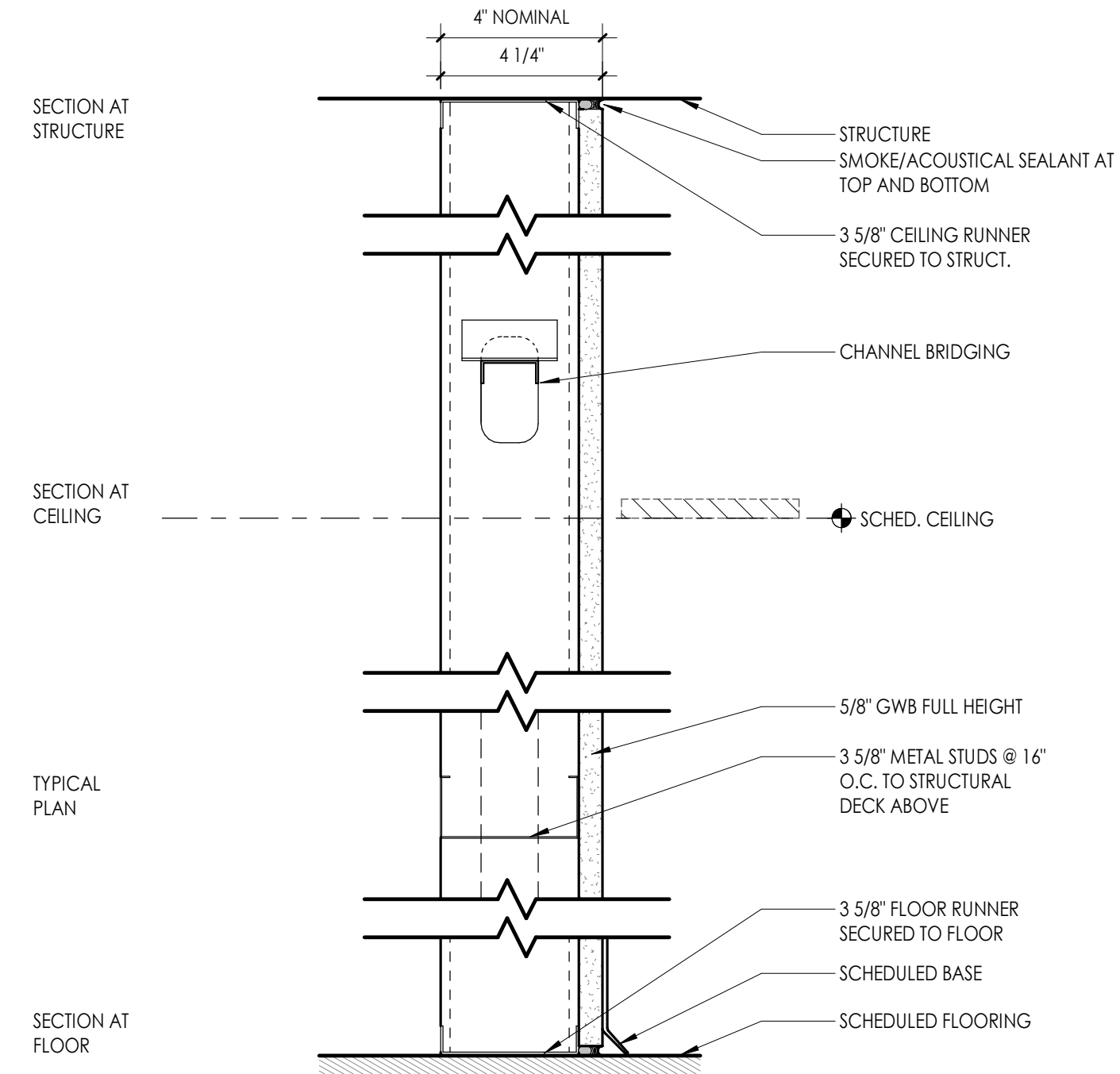
Name: As indicated
Scale: As indicated
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: NDS
Checked By: RI
Drawing Title: WALL TYPES
Drawing Number:

A400



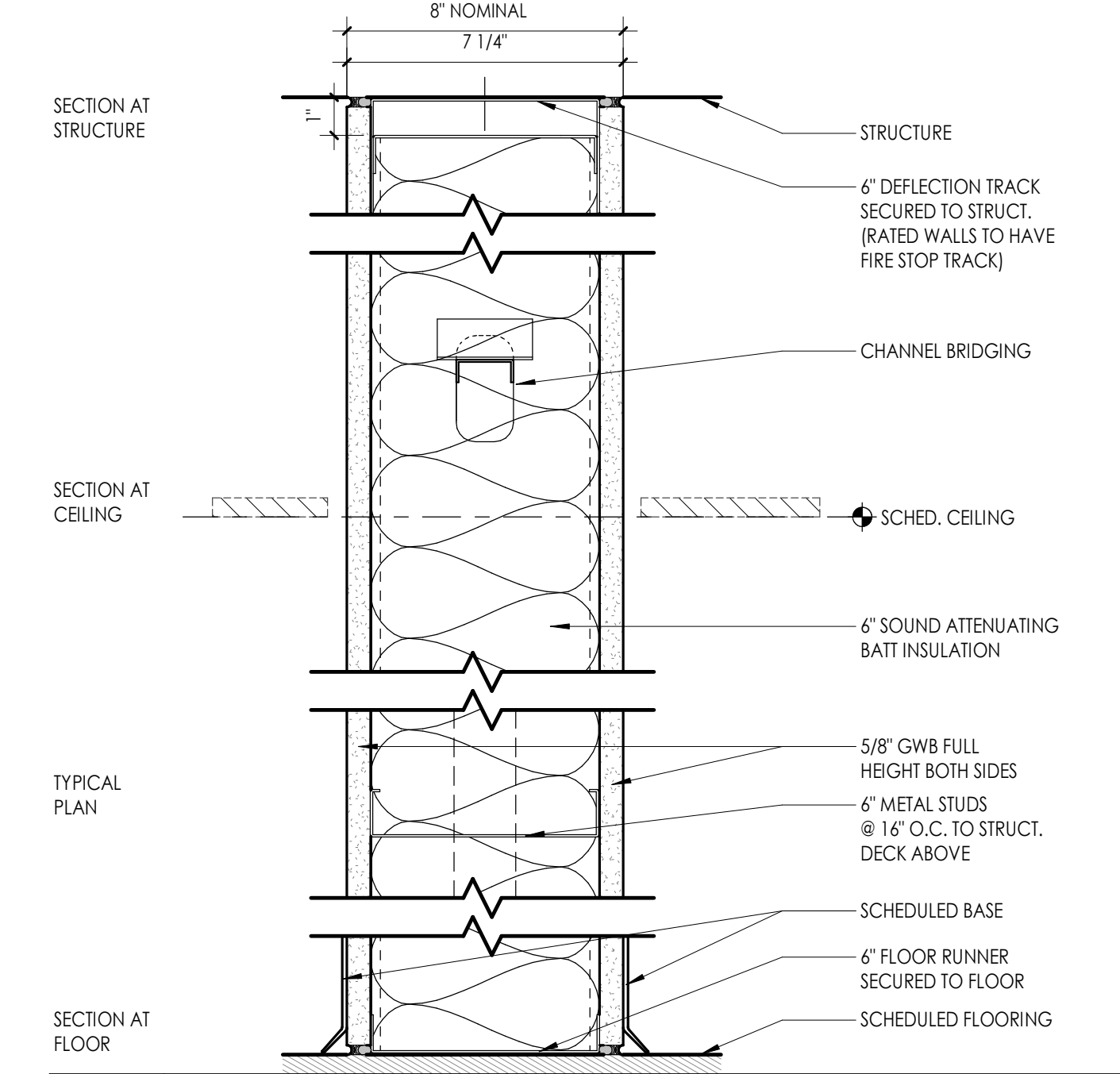
TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
F3T		NR	NA	SMOKE/ACOUSTICAL SEALANT AT TOP AND BOTTOM

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

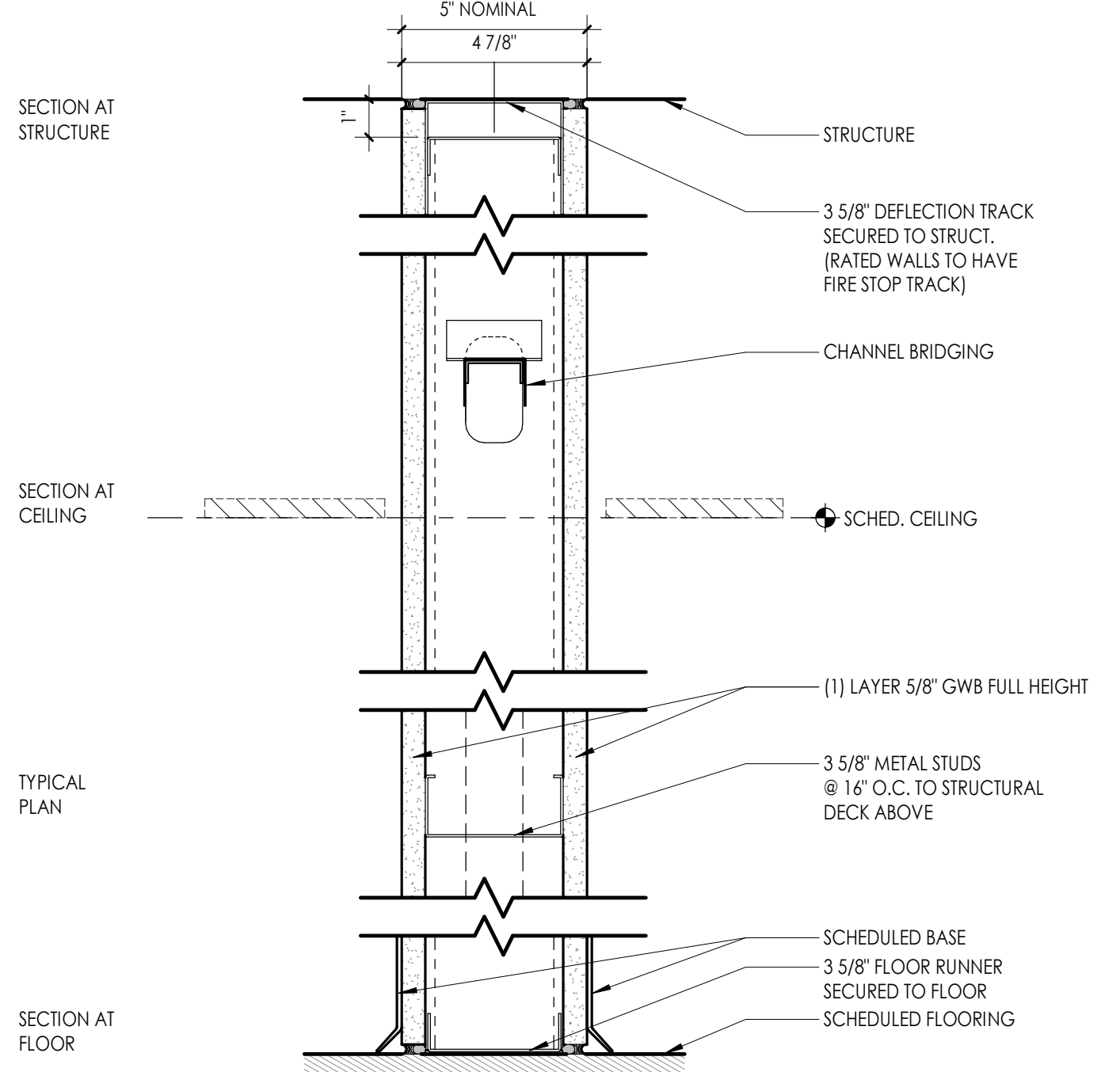


TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
F3		NR	NA	

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

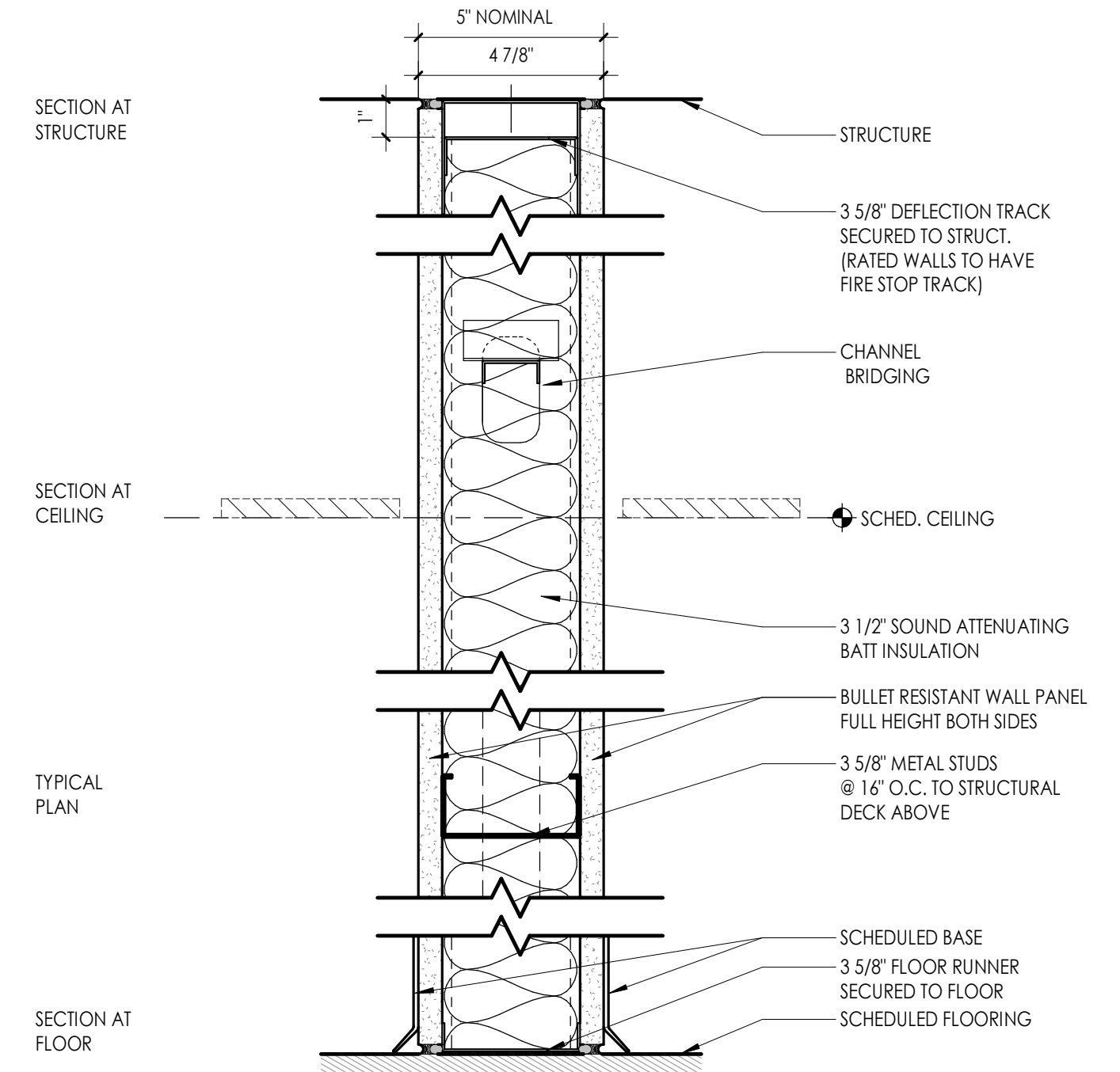


TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
S3	UL # NGC 2013022	NR	40	SMOKE/ACOUSTICAL SEALANT AT TOP AND BOTTOM

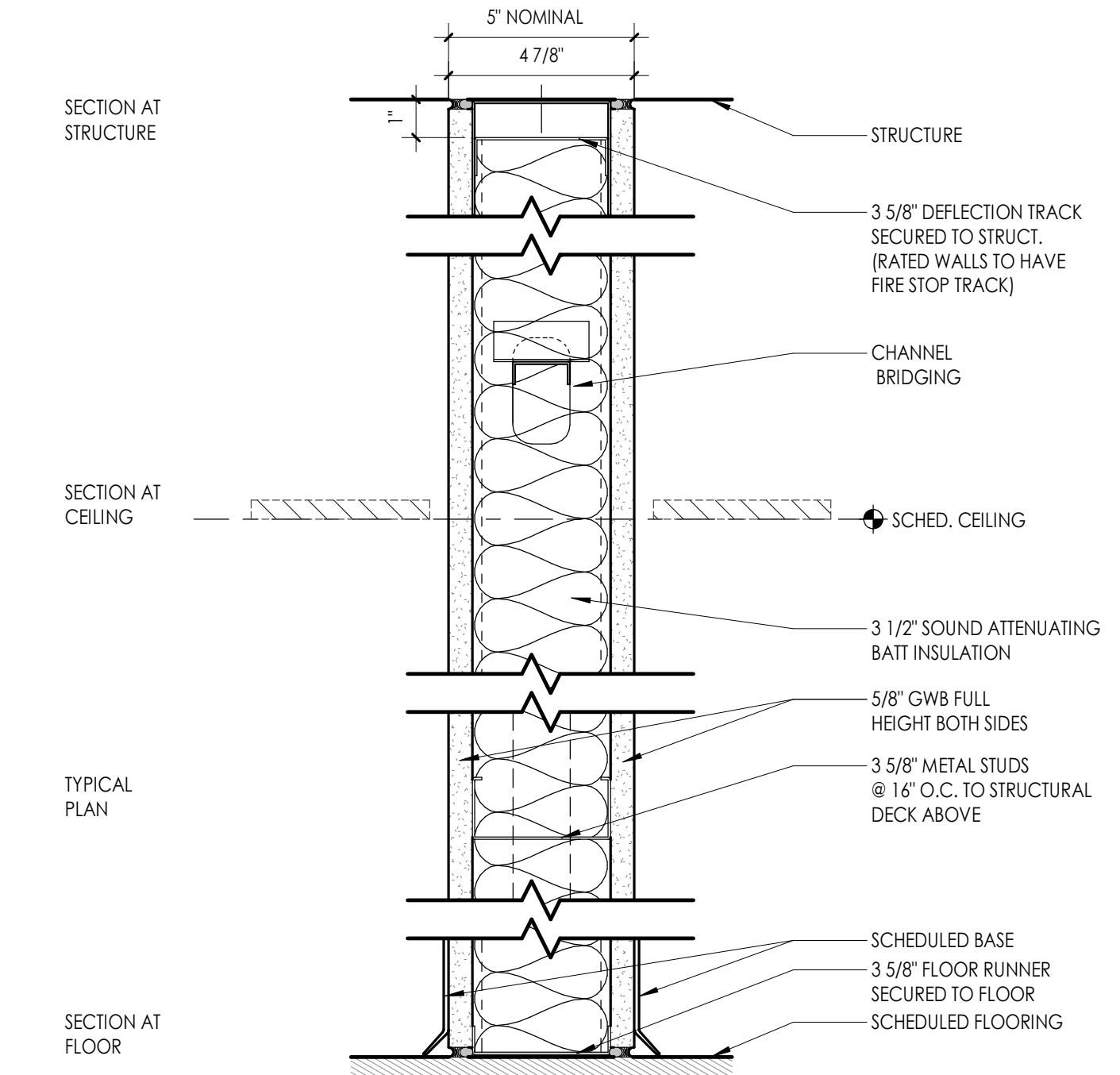


TYPE	STC TEST NUMBER &/OR FIRE TEST LAB DESIGN TEST NUMBER	FIRE RATING	STC	NOTES
S3r	NGC 2518 UL # U465-1 HR	1HR	37	FIRE/ACOUSTICAL SEALANT AT TOP AND BOTTOM

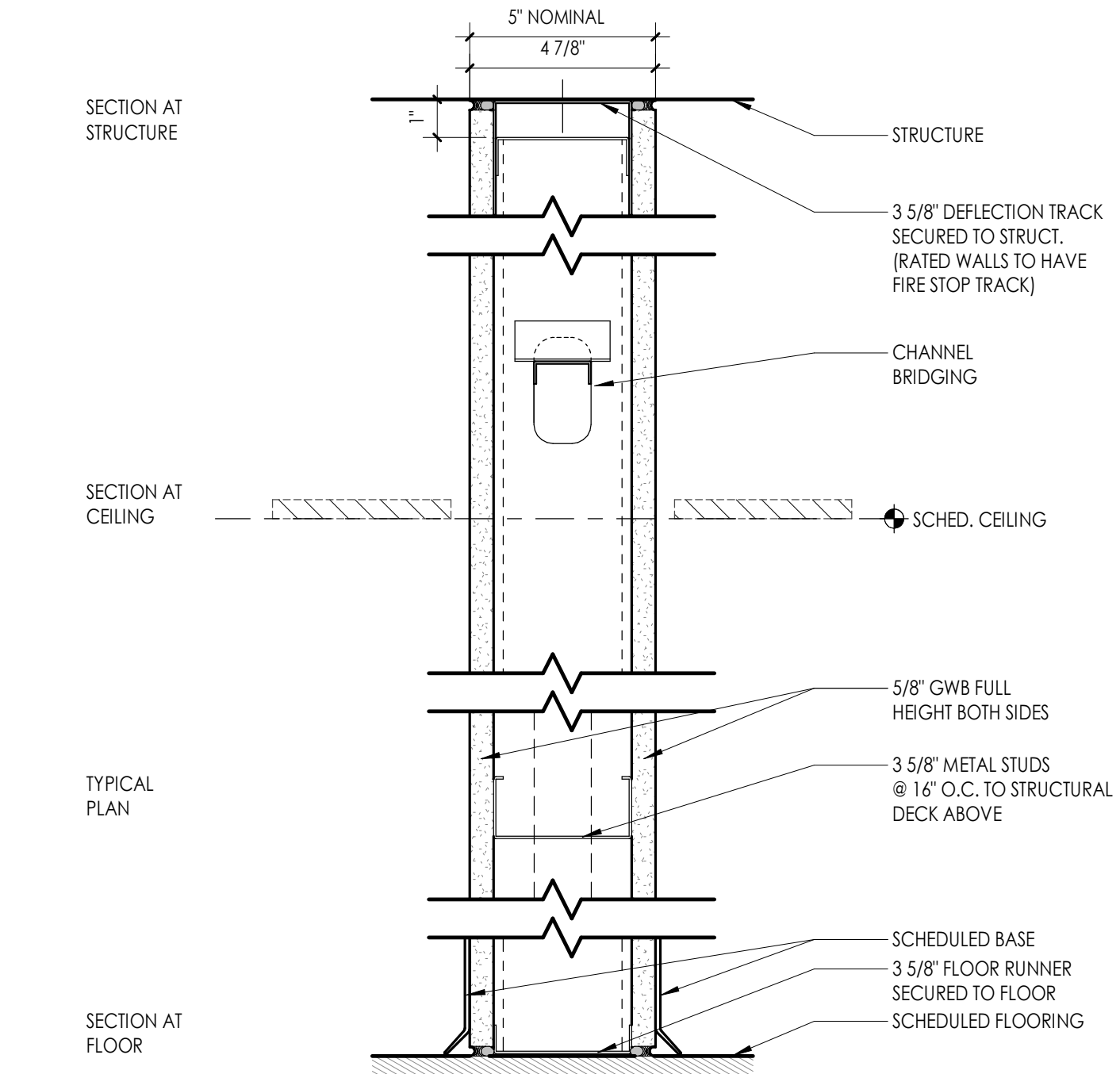
NOTE: BASED ON NGC 2518 @ 40 STC. REDUCED 3 STC FOR 20 GA STUDS IN LIEU OF 25 GA STUDS.



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.

8/23/2024 10:33:47 AM c:\projects\locations\CD Design & Project Files\Bldg 300



Design/System/Construction/Assembly Usage Disclaimer

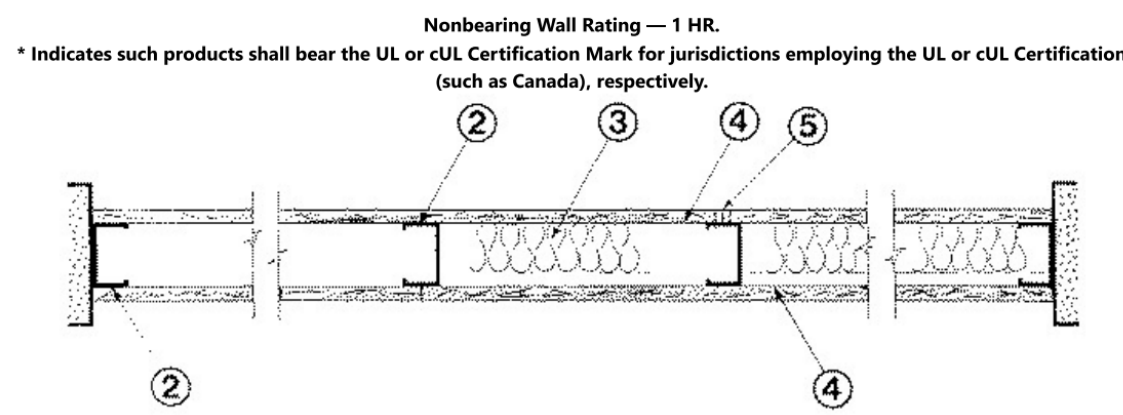
- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, systems, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always 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 rooted for the design. Users of the Guide Information are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specific construction alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

**BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC S101 Certified for Canada**

See General Information for Fire Resistance Ratings - ANSI/UL 263 Certified for United States
See General Information for Fire Resistance Ratings - CAN/ULC S101 Certified for Canada
Design Criteria and Allowable Variations
See General Information for Fire Resistance Ratings - ANSI/UL 263 Certified for United States

Design No. U465

February 16, 2024



1. Floor and Ceiling Runners — (Not Show) — Channel shaped runners, 3-5/8 in. deep (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

20. Framing Members — **Steel Studs** — (Not Show) — In lieu of items 2 through 21 — For use with item 1M, proprietary channel shaped steel studs, min 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 20 MSG galv steel (0.020 in. min bare metal thickness) spaced 24 in. OC max. Studs cut 3/4 in. less in length than assembly height.

2F. Framing Members — **Steel Studs** — (Not Show) — In lieu of item 2 — For use with item 1N, proprietary channel shaped steel studs, min 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 19.0122 in. thick galvanized steel spaced 24 in. OC max. Studs cut 3/4 in. less in length than assembly height.

20. Framing Members — **Steel Studs** — (Not Show) — Alternate to item 2, For use with item 1O) — Channel shaped steel studs with attachment clips at top and bottom, min 3-5/8 in. deep, spaced a max of 24 in. OC. Studs clipped into floor and ceiling runners (item 1O). Max 2-5/8 in. extension beyond from top to stud to inside of ceiling runner.

2F. Framing Members — **Steel Studs** — (Not Show) — In lieu of item 2 — For use with item 1P, proprietary channel shaped steel studs, min 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 20.0222 in. thick galvanized steel spaced 24 in. OC max. Studs cut 3/4 in. less in length than assembly height.

JKC INTERNATIONAL DISTRIBUTORS — Non-structural Studs 3-5/8 and 6"

3. Batts and Blankets — (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity.

ROCKWOOL — Type AFB, min density 1.69 pcf (127 kg/m³)

ROCKWOOL MALAYSIA SDN BHD — Type Acoustical Fire Batts

3A. Fiber Spray[®] — As an alternate to Batts and Blankets (item 3) — (100% Bore Formulation) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft³. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 1.5 lb/ft³ in accordance with the application instructions supplied with the product.

Appligreen Greenflex Acquisition LLC — Insulmax and SANCTARY for use with wet or dry application.

3B. Fiber Spray[®] — As an alternate to Batts and Blankets (item 3) — Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.

NU WOOL CO INC — Cellulose Insulation

3C. Fiber Spray[®] — As an alternate to Batts and Blankets (item 3) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.3 lb/ft³ in accordance with the application instructions supplied with the product.

INTERNATIONAL GYPSUM CO — Gypsum Board

3D. Batts and Blankets — For use with item 8. Nom 3 in. thick, minimum 3.4 pcf mineral wool batts, friction fit between the studs and floor and ceiling runners.

4N. Wall and Partition Facings and Accessories — (As an alternate to Item 4) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in item 4.

PARCO BUILDING PRODUCTS L.L.C. DBA PARCO GYPSUM — Type QuietBlock 527

40. Gypsum Board — As an alternate to items 4, 4A, 4B, and 4C — Two layers Nom 5/8 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Horizontal joints on the same side need not be staggered. When applied horizontally, both layers of gypsum board fastened to each side of framing with 1 in. long Type 5 steel screws spaced 8 in. OC and staggered if in. OC when applied horizontally or vertically, both layers of gypsum board fastened to each side of framing with 1 in. long Type 5 steel screws spaced 8 in. OC along vertical edges and 12 in. OC in the field, staggered 4 in. OC between layers. Screws spaced a max 12 in. along the top and bottom edges of the wall.

NATIONAL GYPSUM CO — Type FSW

49. Gypsum Board — As an alternate to item 4. Nom 5/8 in. thick, 4 ft wide, Nom 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Panels attached to steel studs and runners with 1 in. long Type 5 steel screws spaced 12 in. OC when applied horizontally or vertically. When used in widths other than 48 in., gypsum panels to be installed horizontally.

CGC INC — Type ULX
UNITED STATES GYPSUM CO — Types ULX

40. Gypsum Board — 3/4 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track as described in item 4 with screw length increased to min 1-1/8 in.

PARCO BUILDING PRODUCTS L.L.C. DBA PARCO GYPSUM — Type PG-12

4R. Gypsum Board — As an alternate to item 4D. For use with item 3E. **Batts and Blankets** — 5/8 in. thick, 4 ft wide, installed as described in item 4. When applied vertically or horizontally, Fastened with 8 # 2 in. long drywall screws spaced 8 in. OC along the perimeter and 12 in. OC in the field.

PARCO BUILDING PRODUCTS L.L.C. DBA PARCO GYPSUM — Type QuietBlock 545

40. Gypsum Board — (As an alternate to item 4 when Foam Plastic Insulation Items 3G or 3H is used) — Any 5/8 in. thick, 4 ft wide, Gypsum Board listed in item 4 above. Applied vertically and horizontal joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints on the same side need not be staggered. When applied horizontally, both layers of gypsum board fastened to each side of framing with 1 in. long Type 5 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For 1/2" assemblies outer layer will be attached to stud over steel tape with the 1/2 in. long steel screws spaced 8 in. OC.

1A. Framing Members — **Floor and Ceiling Runners** — (Not Show) — As an alternate to item 1 — Channel shaped, min 3-5/8 in. deep, attached to floor and ceiling with fasteners 24 in. OC max.

ALISTER & GYPSUM PRODUCTS INC — Type SUPREME D24/36/2D and Type SUPREME D20
QUALI RUN BUILDING MATERIALS INC — Type SUPREME D24/36/2D and Type SUPREME D20
SCAFLO STEEL STUD MANUFACTURING CO — Type SUPREME D24/36/2D and Type SUPREME D20
TECH CONSTRUCTION SYSTEMS INC — Type SUPREME D24/36/2D and Type SUPREME D20
TULLING INDUSTRIES L.L.C. — Type SUPREME D24/36/2D and Type SUPREME D20
UNITED METAL PRODUCTS INC — Type SUPREME D24/36/2D and Type SUPREME D20

1B. Framing Members — **Floor and Ceiling Runners** — (Not Show) — In lieu of item 1 — For use with item 2B, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

CMCMC LLC — Viper20™ Track
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track
IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1C. Floor and Ceiling Runners — (Not Show) — For use with item 2C — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1D. Framing Members — **Floor and Ceiling Runners** — (Not Show) — In lieu of items 1 through 1C — For use with item 2D and 4G only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

CLARDIETECH BUILDING SYSTEMS — CD ProTRAK
DMFCWS L.L.C. — ProTRAK
MBA METAL FRAMING — ProTRAK
RAM SALES L.L.C. — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L.L.C. — Tri-5 ProTRAK

1E. Framing Members — **Floor and Ceiling Runners** — (Not Show) — In lieu of items 1 through 1D — For use with item 2E and 4I only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

TELLING INDUSTRIES L.L.C. — TRUE TRACK™
DMFCWS L.L.C. — ProTRAK
MBA METAL FRAMING — ProTRAK
RAM SALES L.L.C. — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L.L.C. — Tri-5 ProTRAK

1F. Framing Members — **Floor and Ceiling Runners** — (Not Show) — In lieu of items 1 through 1E — For use with item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.019 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

1G. Framing Members — **Floor and Ceiling Runners** — (Not Show) — Alternate to item 1F — For use with item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24 in. OC max.

STUCCO BUILDING SYSTEMS — CO-STUCCO Track
KIRRI (HONG KONG) LTD — Type KIRRI

10. Framing Members — **Floor and Ceiling Runners** — (Not Show) — In lieu of items 1 through 1F — For use with item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24 in. OC max.

HYPERFRAM INC — Hypertrak

3E. Batts and Blankets (B22) category for names of Classified companies.

3F. Batts and Blankets — (As an alternate to Batts and Blankets (item 3)) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face of the studs. The minimum dry density shall be 1.79 lb/ft³.

Appligreen Greenflex Acquisition LLC — Appligreen Advanced Stabilized Cellulose Insulation

3G. Foamed Plastic — As an alternate to Batts and Blankets (item 3E), for use with item 4J — Spray applied, foamed plastic insulation, at any thickness from 1/2" to 1" completely filling stud cavity. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with min. 20 MSG thickness.

CARLISLE SPRAY FOAM INSULATION — Types SealTite ONE, SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OC (OC), SealTite Pro No Trim 1", SealTite Pro No Trim 2", Foamulate Closed Cell, Foamulate OCK, Foamulate 70, and Foamulate HD.

3H. Foamed Plastic — (As an alternate to Batts and Blankets (item 3E), for use with item 4J) — Spray applied, foamed plastic insulation, at any thickness from 1/2" to 1" completely filling stud cavity. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with min. 20 MSG thickness.

BAS CORP. - Enermax® HM, Enermax® G, FE173P, Spraymax® 173, Spraymax® B20S, Wallmax® 200, Wallmax® US, Wallmax® US-N, Wallmax® HP, FE173P, Spraymax® 173, Spraymax® B20S, Spraymax® Comfort XL, Wallmax® XL, and Wallmax® MAX

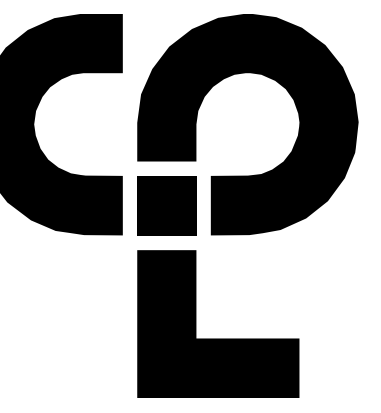
4. Gypsum Board — 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type 5 steel screws spaced 8 in. OC, along vertical edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When Steel Framing Members (item 6 or any alternate clips) are used, gypsum panels need not be staggered in relation to framing channels with 1 in. long Type 5 steel screws spaced 12 in. OC.

AMERICAN GYPSUM CO — Types AC, AGX, 1-M-Glass, LightCo
BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBK-1
CABOT MANUFACTURING ULX — Type X, Type X, Type Bioplast Exterior Sheathing

CGC INC — Type AB, C, IP-AR, IP-XI, IP-X2, IP-AR, SCK, SHK, ULXK, USGK, WRC or WRK (Joint type and compound, Item 5, optional for use with Type USGK)
CERTAINTED GYPSUM INC — Types EGRG, GlasCo, Type X, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

AMERICAN GYPSUM CO — Types AC, AGX, 1-M-Glass, LightCo
BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBK-1
CABOT MANUFACTURING ULX — Type X, Type X, Type Bioplast Exterior Sheathing

CGC INC — Type AB, C, IP-AR, IP-XI, IP-X2, IP-AR, SCK, SHK, ULXK, USGK, WRC or WRK (Joint type and compound, Item 5, optional for use with Type USGK)
CERTAINTED GYPSUM INC — Types EGRG, GlasCo, Type X, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136



CPL | Architecture Engineering Planning
 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 "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. 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: THE 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
- PLAM WOOD CEILING
- ACOUSTICAL WOOD CEILING TILE
- ACT-1 9'-0" 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

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

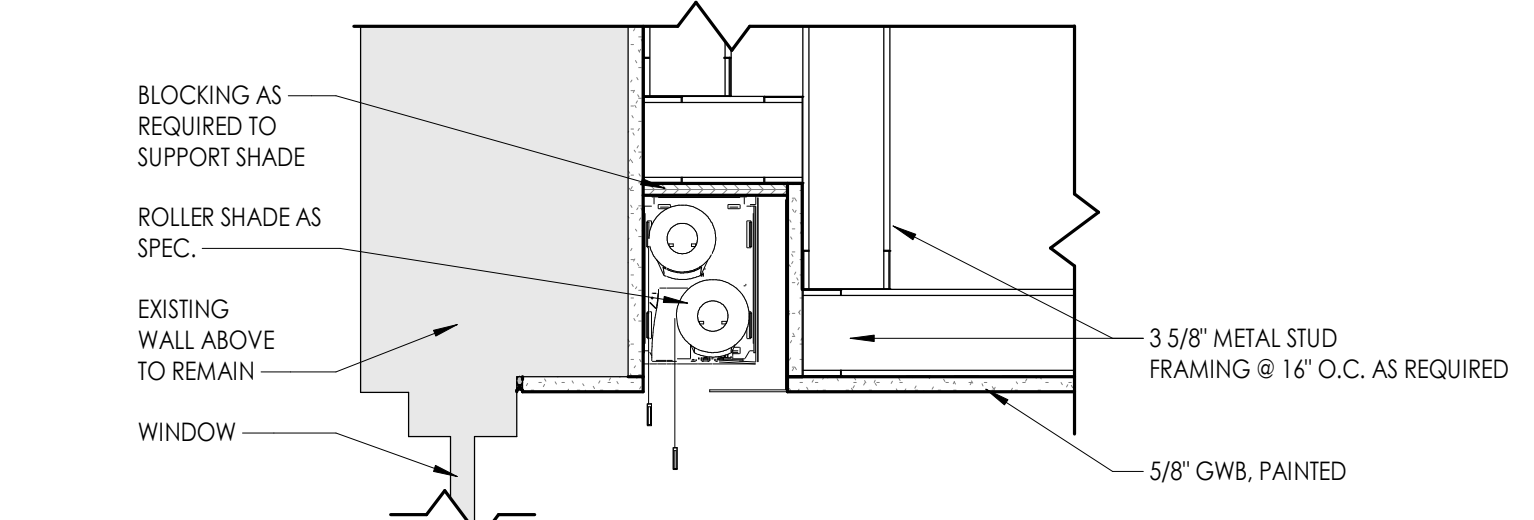
Date: Description:

PROFESSIONAL STAMPS

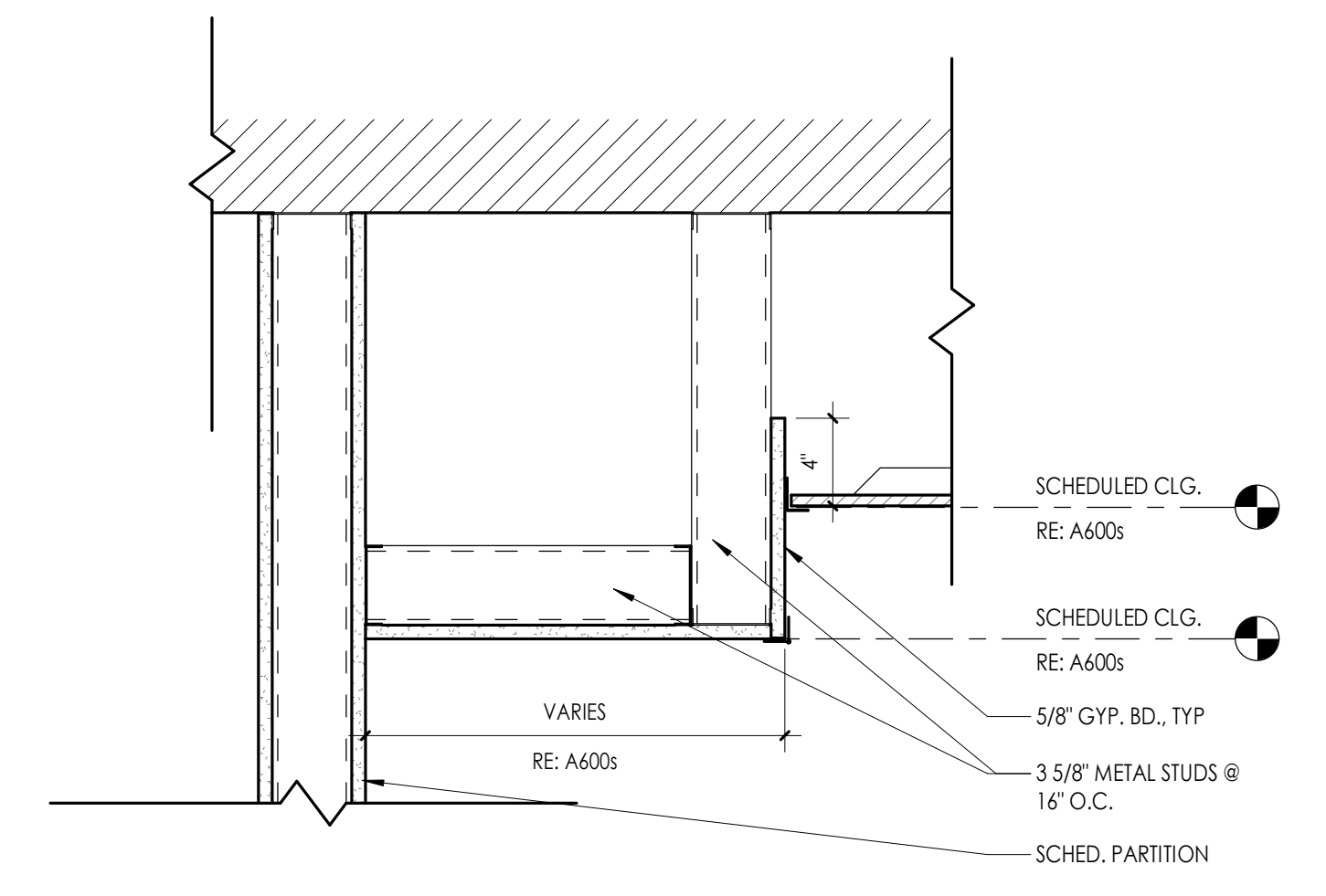


SHEET INFORMATION

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



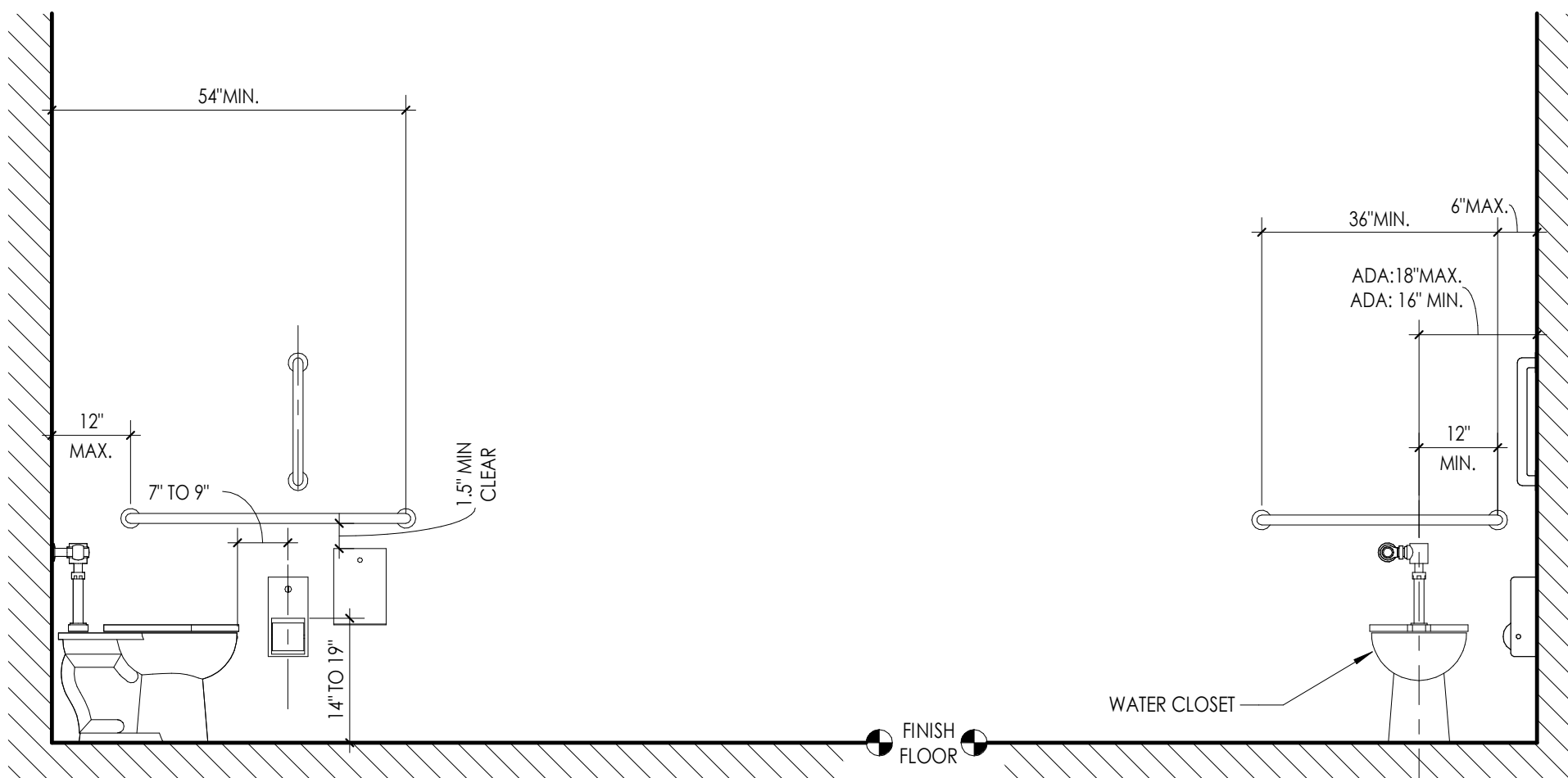
3 TYP. ROLLER SHADE POCKET DETAIL @GWB
 1 1/2\"/>



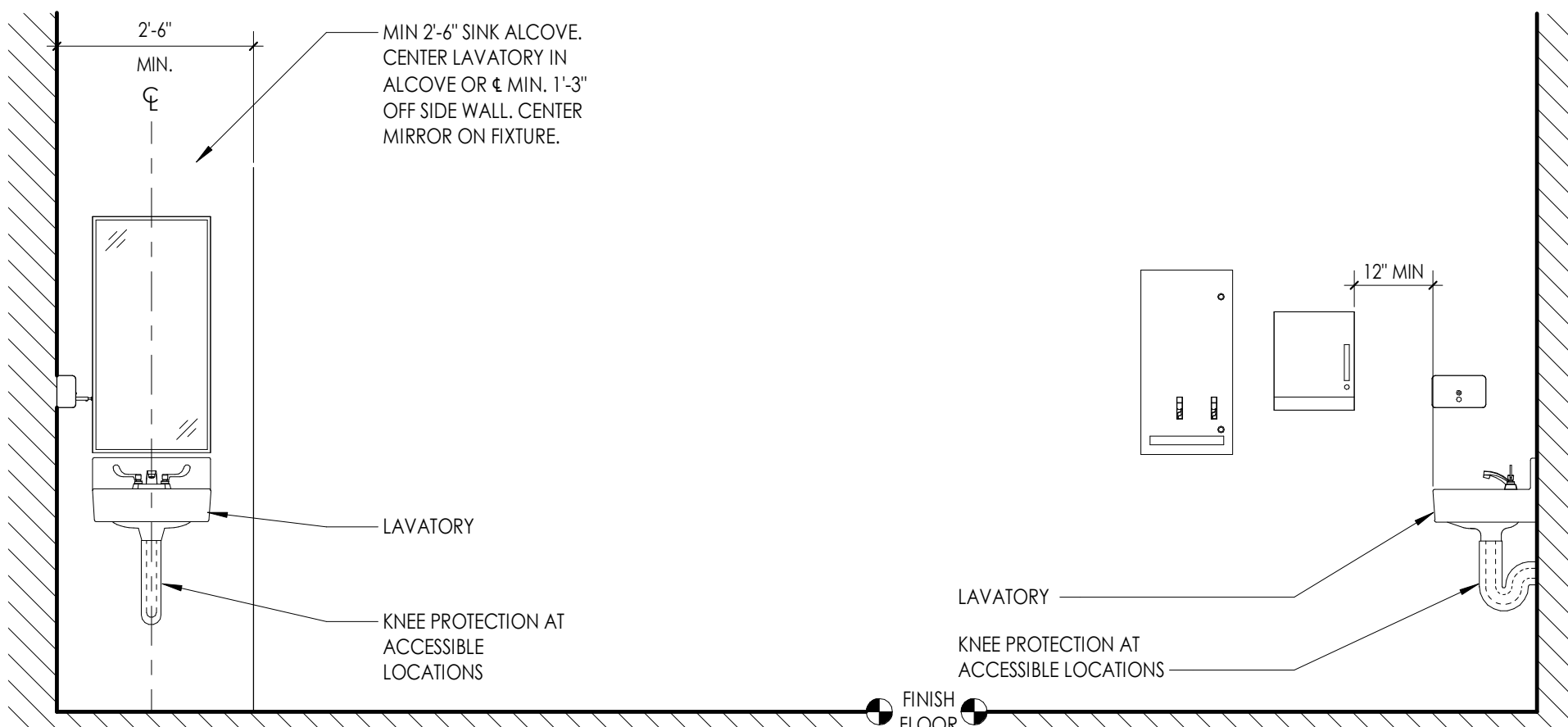
2 TYP. GWB SOFFIT DETAIL @ WALL
 1 1/2\"/>



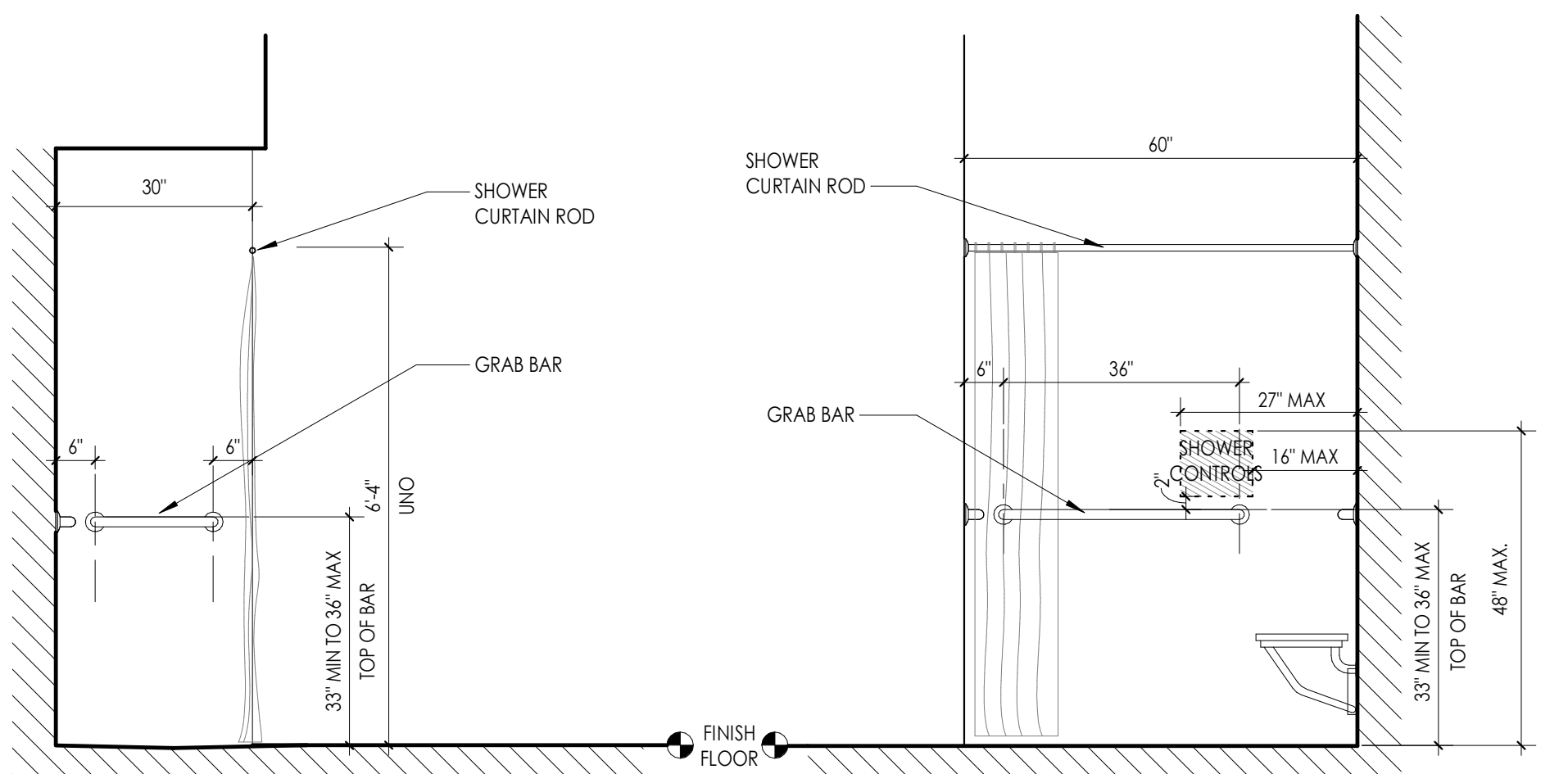
TYPICAL TOILET AND SHOWER ACCESSORY LOCATIONS



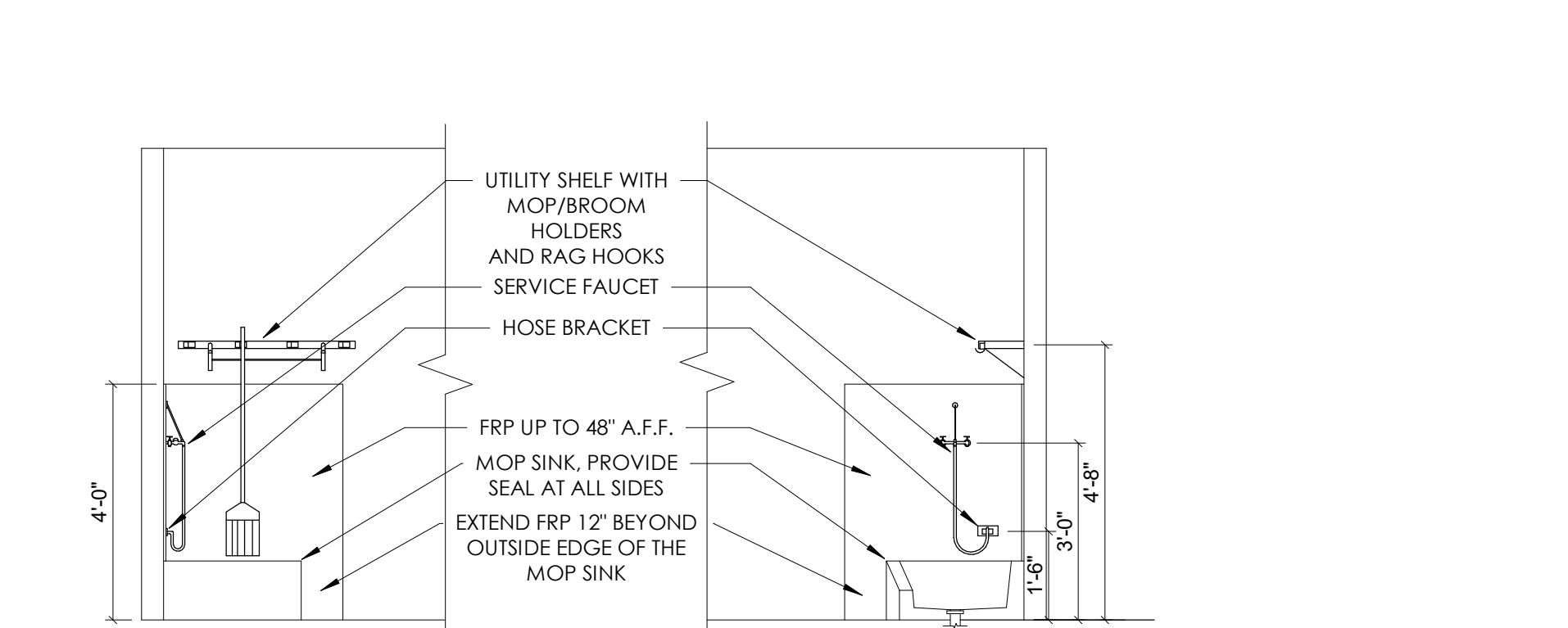
LOCATION AT TOILET
SCALE 1/2"=1'-0" (REF. ABOVE FOR TYP. HEIGHTS)



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



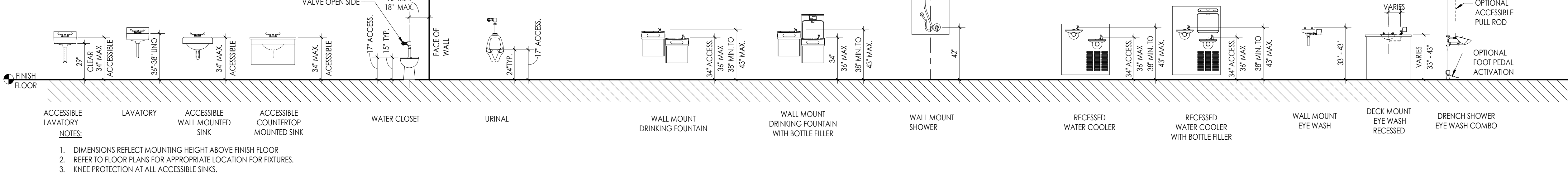
LOCATION AT ROLL-IN SHOWER
SCALE 1/2"=1'-0" (REF. ABOVE FOR TYP. HEIGHTS)



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

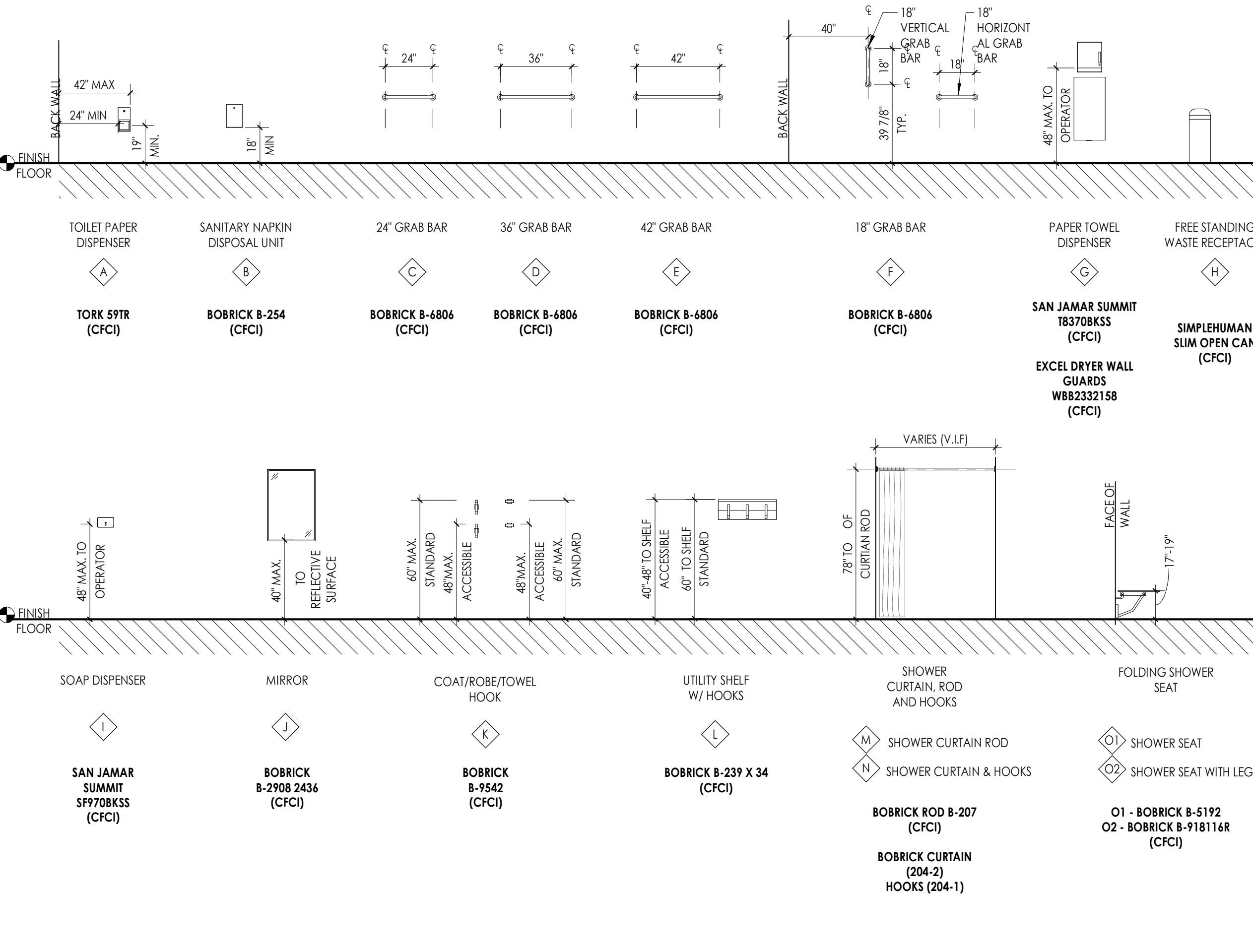
PLUMBING FIXTURE LEGEND WITH MOUNTING HEIGHTS

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

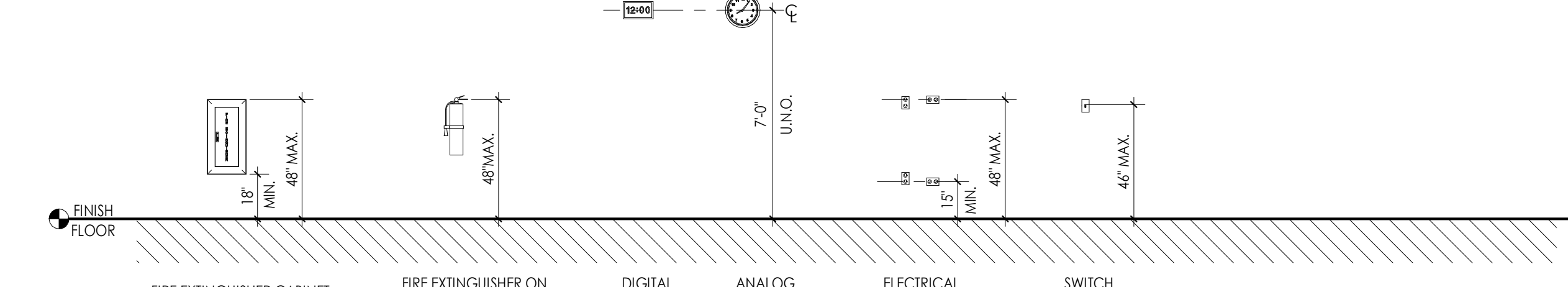


TOILET ROOM ACCESSORIES LEGEND
SCALE 1/4"=1'-0"

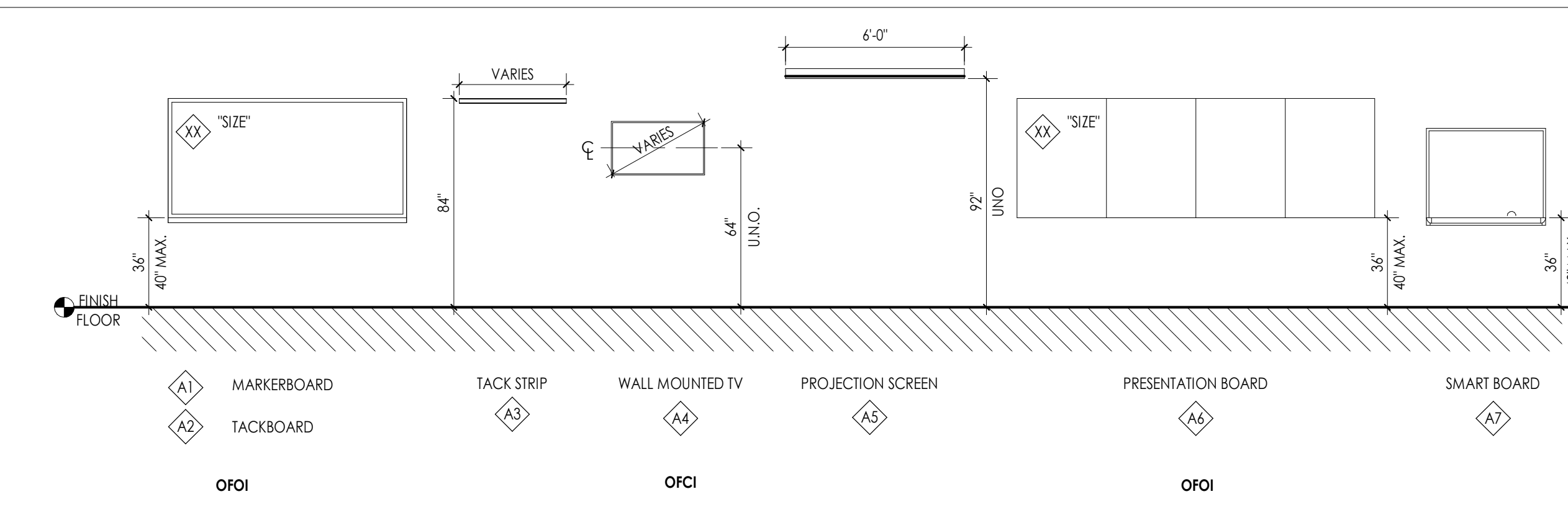
- NOTES:
- DIMENSIONS REFLECT MOUNTING HEIGHT ABOVE FINISH FLOOR
 - REFER TO EQUIPMENT PLANS AND INTERIOR ELEVATIONS FOR APPROPRIATE LOCATION FOR ACCESSORIES.
 - XXXX MODEL NUMBER BASIS OF DESIGN
 - CFCI - OWNER FURNISHED CONTRACTOR INSTALLED
 - CFCI - CONTRACTOR FURNISHED CONTRACTOR INSTALLED



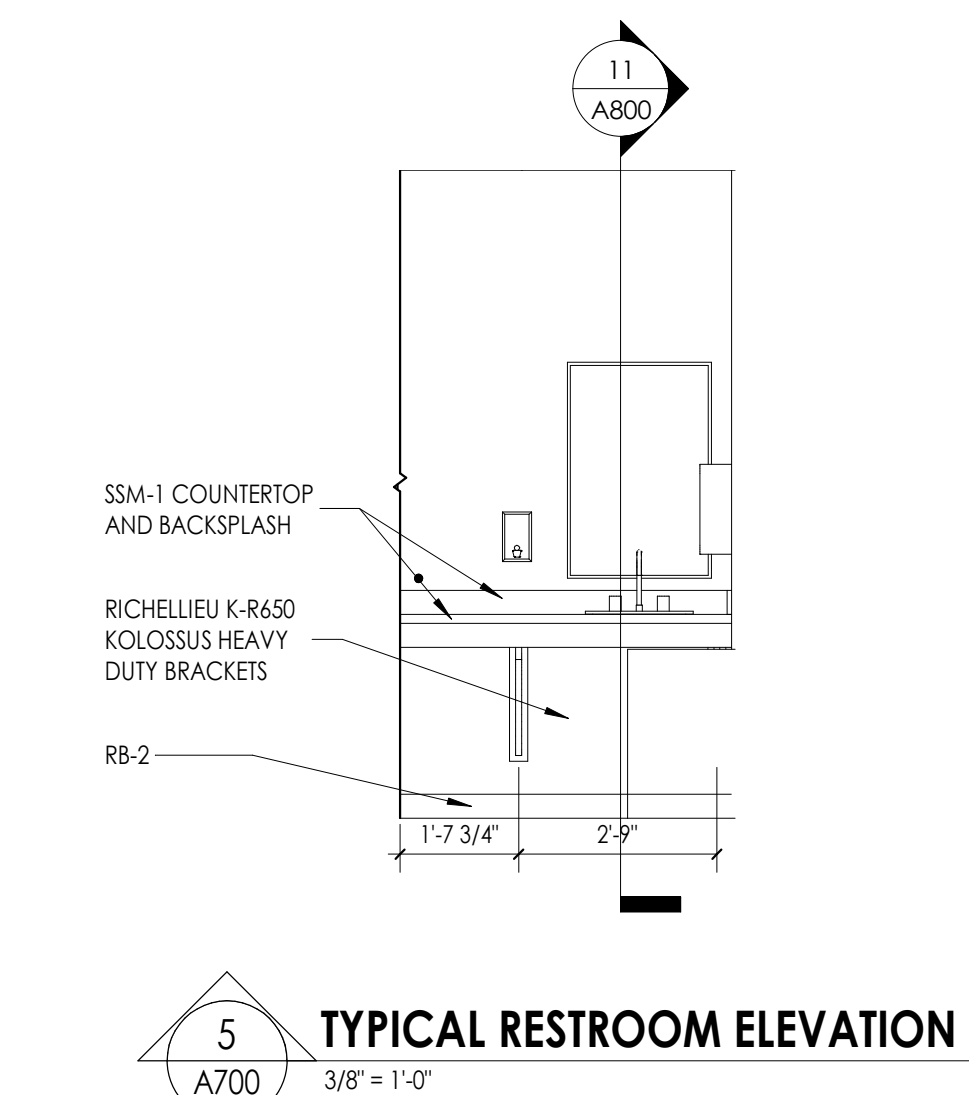
TYPICAL MOUNTING HEIGHTS



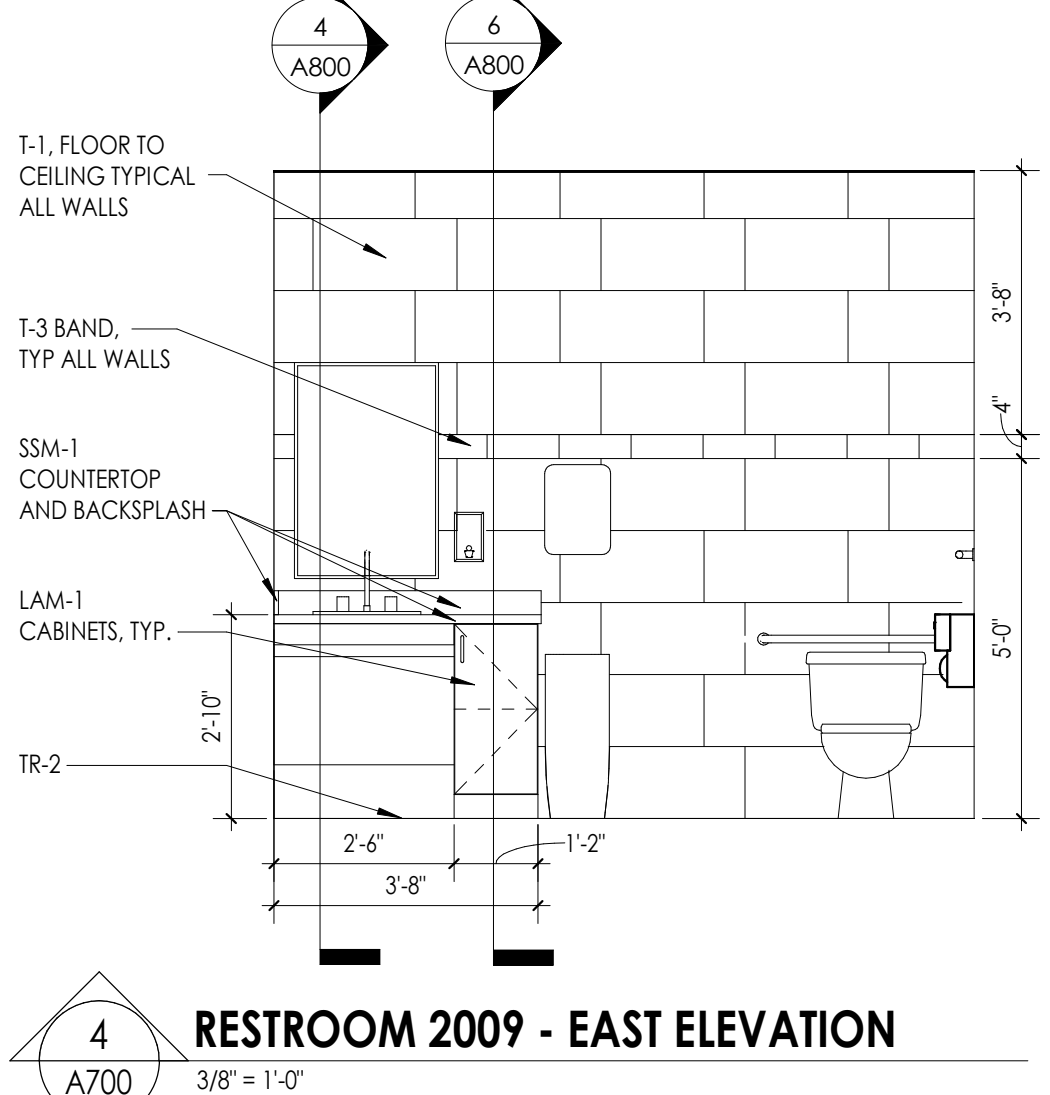
ACCESSORIES LEGEND WITH MOUNTING HEIGHTS



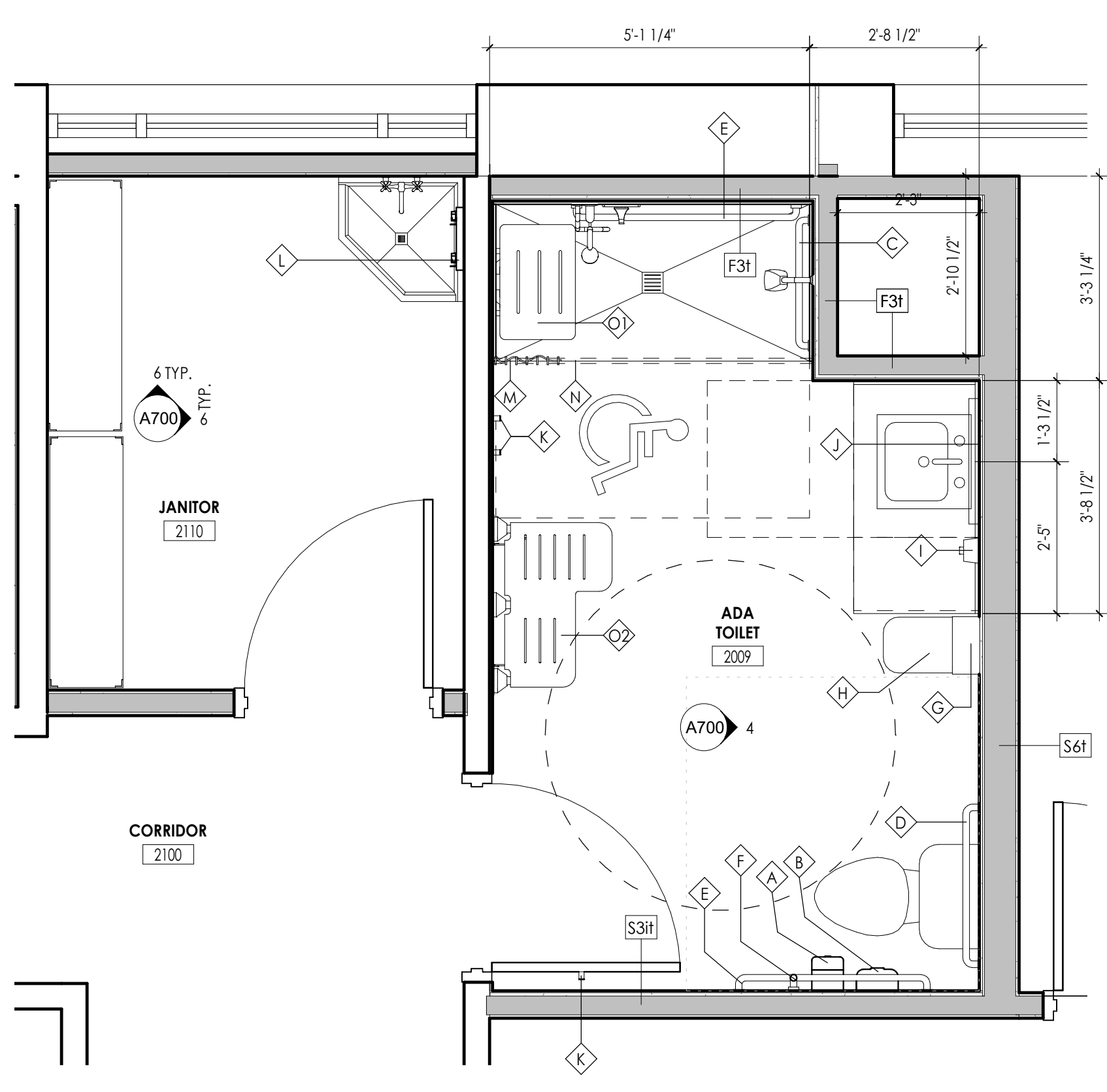
SPECIAL NOTE: THIS SHEET IS INCLUDED FOR REFERENCE PURPOSES ONLY. SOME FIXTURES AND MOUNTING HEIGHTS SHOWN MAY NOT APPLY TO THE CURRENT DOCUMENTS



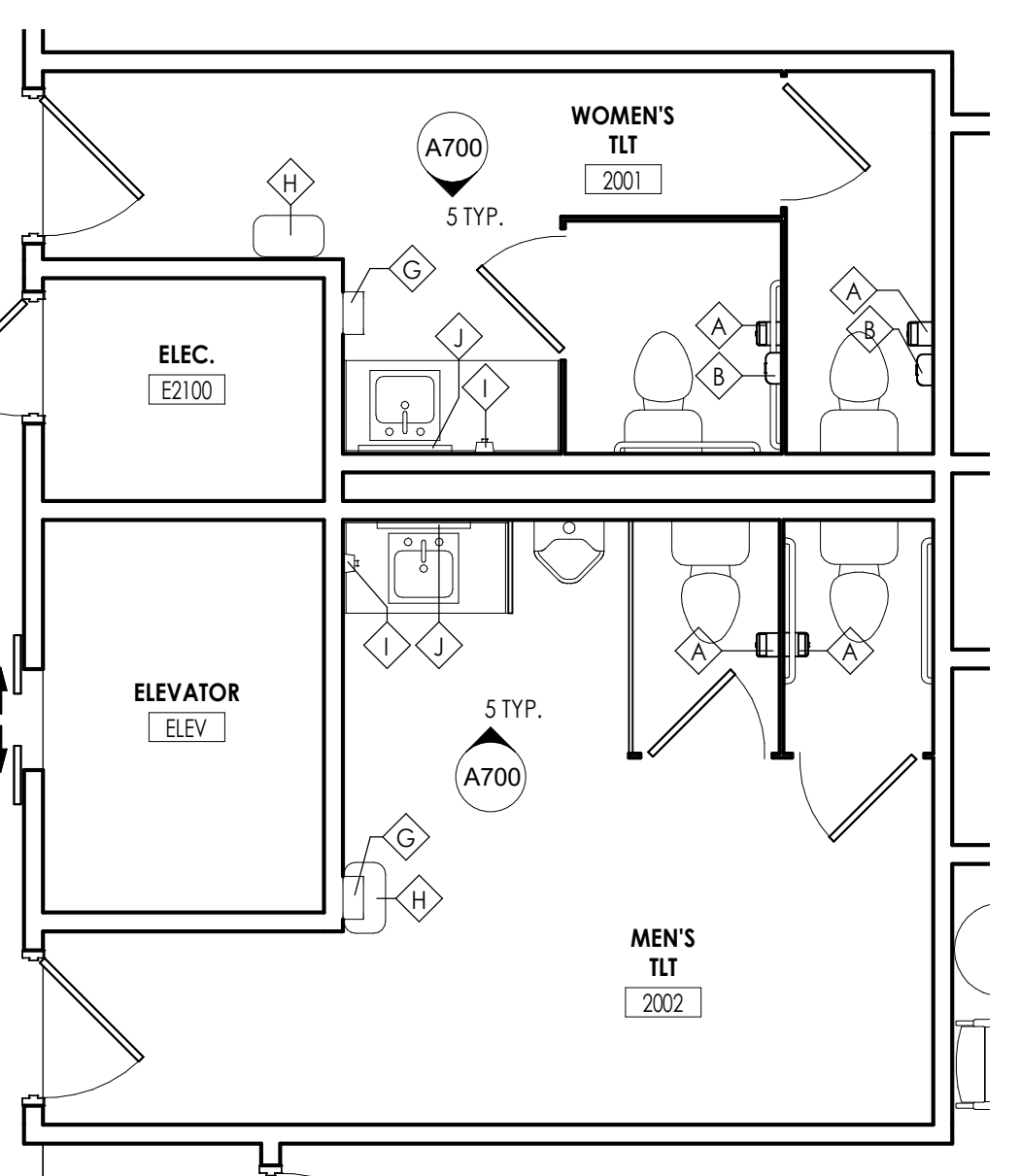
5 TYPICAL RESTROOM ELEVATION
SCALE 3/8"=1'-0"



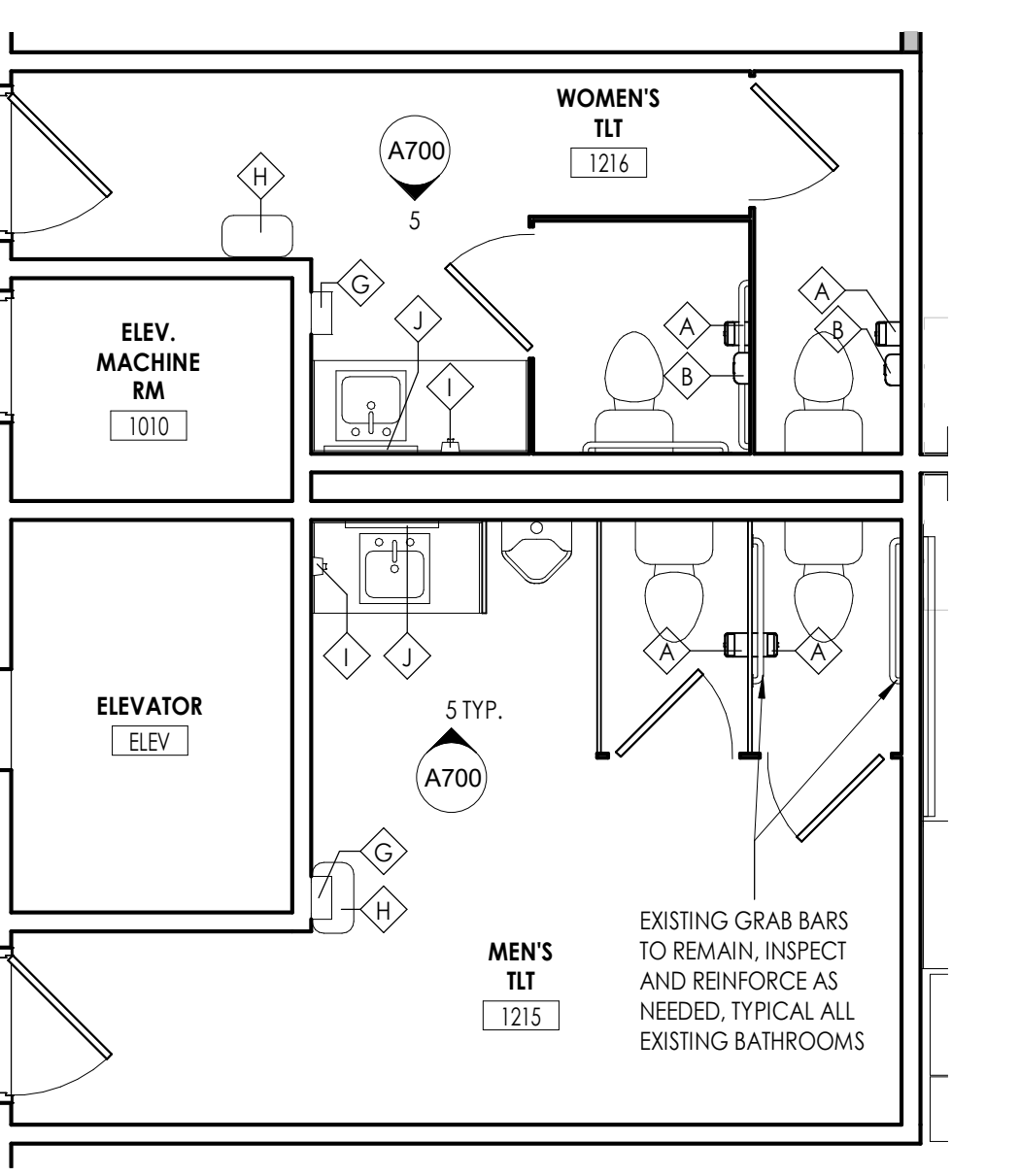
4 RESTROOM 2009 - EAST ELEVATION
SCALE 3/8"=1'-0"



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



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



1 FIRST FLOOR RESTROOMS ENLARGED PLAN
SCALE 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

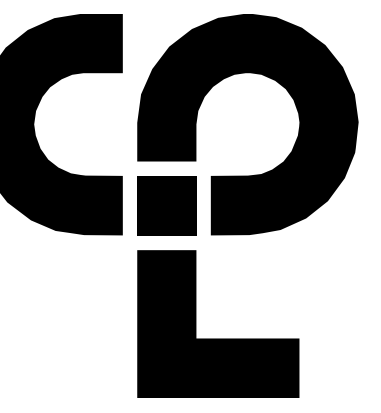
PROJECT ISSUE & REVISION SCHEDULE
Date: Description:

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: GENERAL TYP. FIXTURE AND ACCESS. HEIGHTS AND LEGENDS (ADA)
Drawing Number:

A700



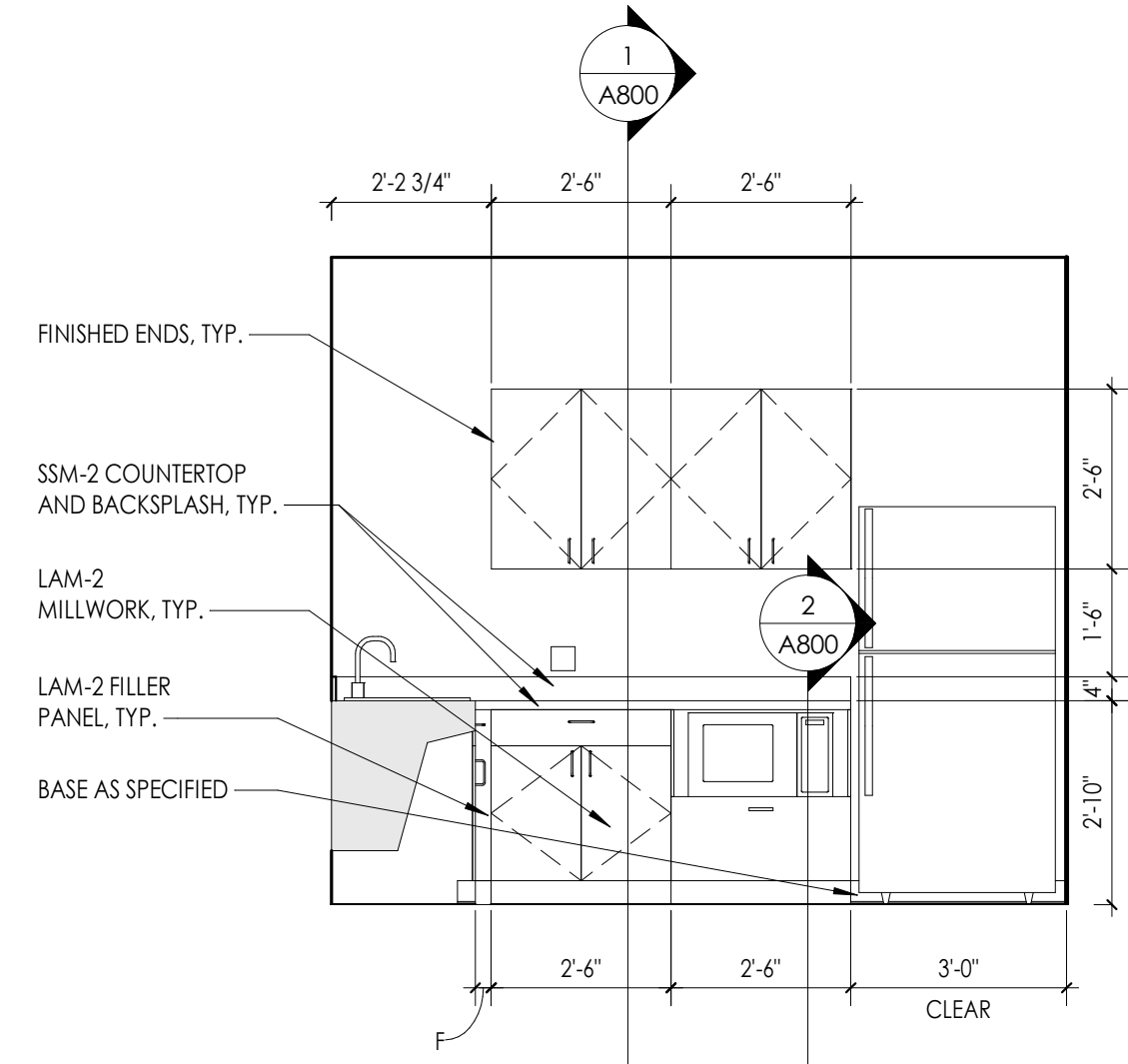
CPL | Architecture Engineering Planning
6302 Fairview Road Suite 102
Charlotte, NC 28210
CPLteam.com

GENERAL INTERIOR ELEVATIONS NOTES

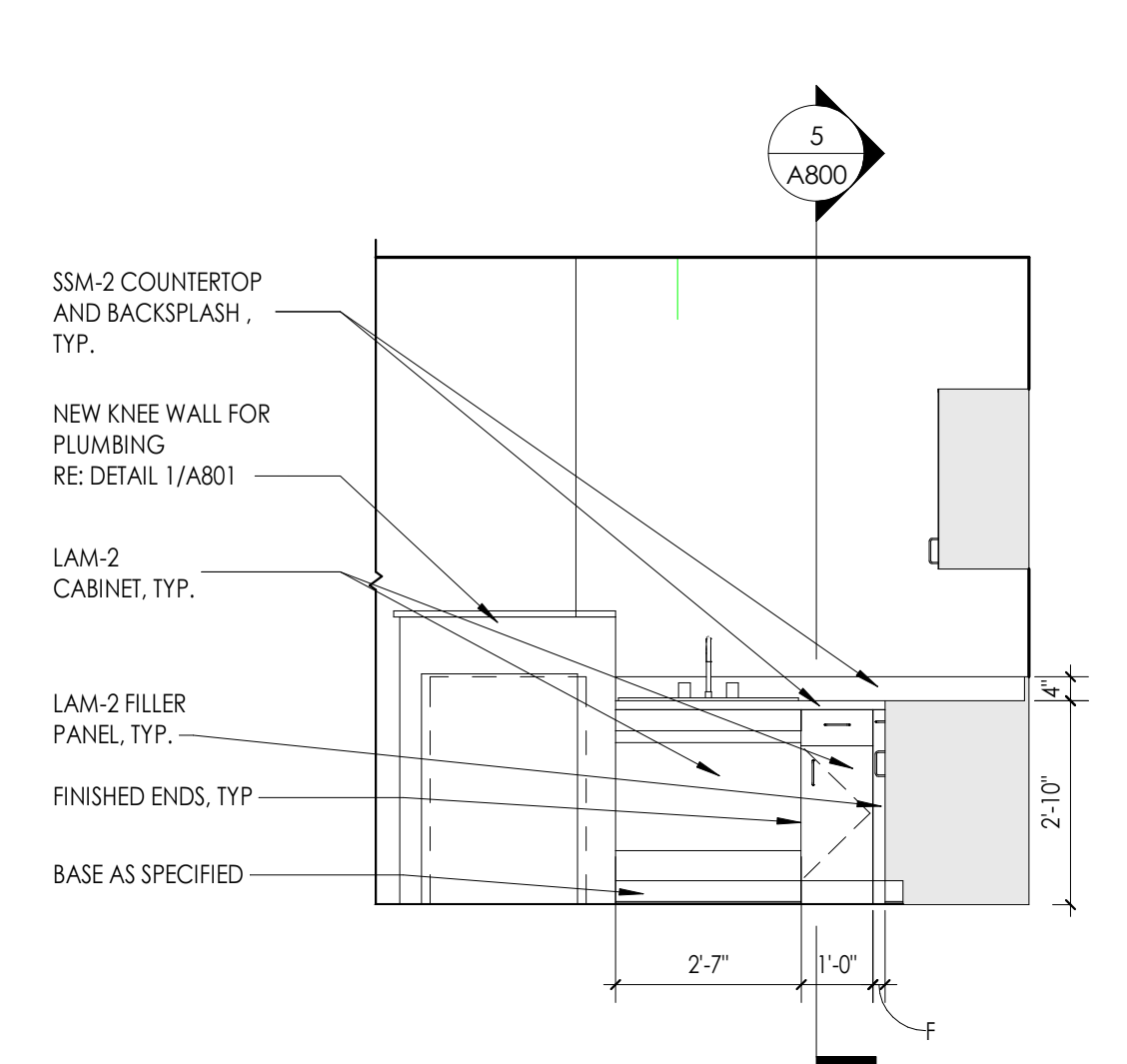
- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
- PROVIDE SUPPORT BLOCKING AND 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 A600 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.
- GROOMMETS 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.

APPLIANCE & EQUIPMENT SCHEDULE

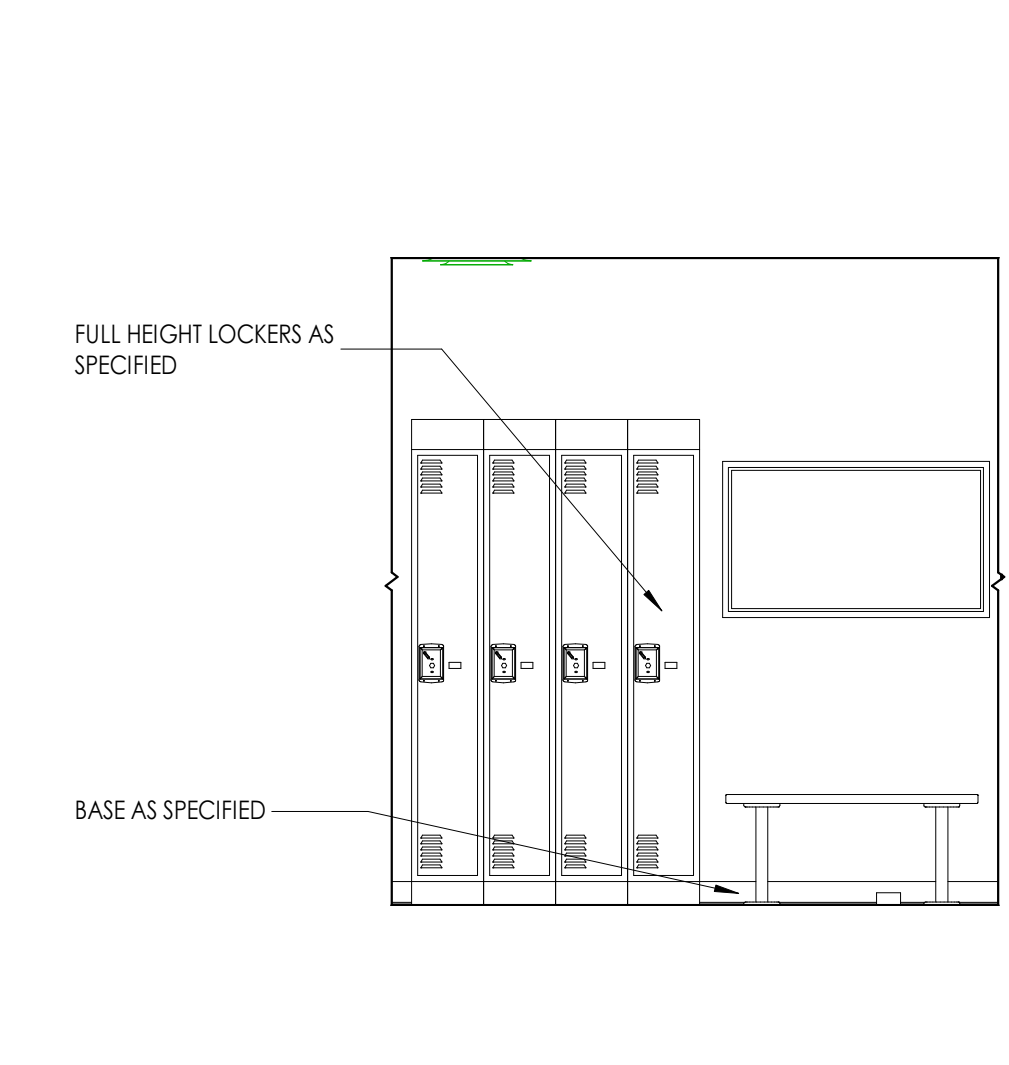
Type Mark	Description	Model	Manufacturer	FURNISHED/INSTALLED
E-1	VENDING MACHINE	TBD	TBD	OFCL COORDINATE WITH OWNER'S VENDOR
E-2	ICE MAKER, EXISTING	UD0140A-1418	MANITOWOC	OFCL
E-3	REFRIGERATOR, DOMESTIC WITH FREEZER	21.9 Cu. Ft. (G1S22K1NRFS)	GE APPLIANCES	CFCL
E-4	LOCKER ROOM BENCH	PHENOLIC TOP WITH TUBE FEEDS/AL BASE	ASI	CFCL
E-5	TREADMILL	OWNER SUPPLIED	OWNER SUPPLIED	OFCL
E-6	ELLIPTICAL	OWNER SUPPLIED	OWNER SUPPLIED	OFCL
E-7	RACK, DUMBBELL	OWNER SUPPLIED	OWNER SUPPLIED	OFCL
E-8	RACK, MEDICINE BALL	OWNER SUPPLIED	OWNER SUPPLIED	OFCL
E-9	RACK, WEIGHTS	OWNER SUPPLIED	OWNER SUPPLIED	OFCL
E-10	BENCH PRESS	OWNER SUPPLIED	OWNER SUPPLIED	OFCL
E-11	COPIER	RE: IT	RE: IT	OFCL COORDINATE WITH OWNER'S VENDOR
E-12	WORKSTATION: PC, CPU SLING	RE: IT	RE: IT	OFCL COORDINATE WITH OWNER'S IF DEPT. PROVIDE CPU SLING EQUAL TO RICHELIEU, COORDINATE SIDE AND LOCATIONS WITH OWNER.
E-13	MICROWAVE	2.2 CU FT BUILT IN (PEB7227BLWW)	GE APPLIANCES	CFCL
E-14	SIDE BY SIDE REFRIGERATOR	GSS23Q1PFS (23.0 cu ft/White)	GE APPLIANCES	CFCL
M3				
SG3				
SG4				



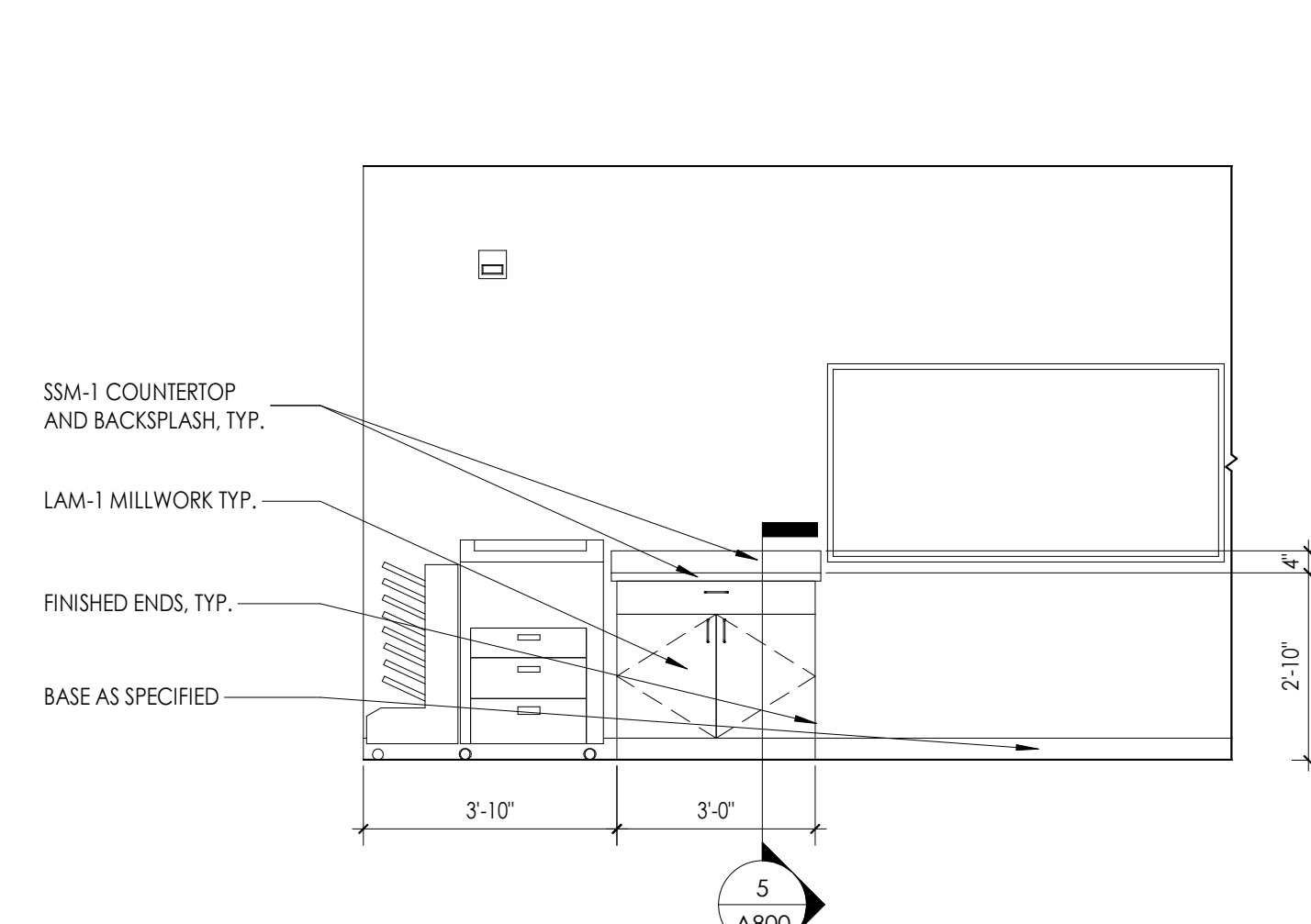
D2 BREAK 1103 - EAST ELEVATION
3/8" = 1'-0"



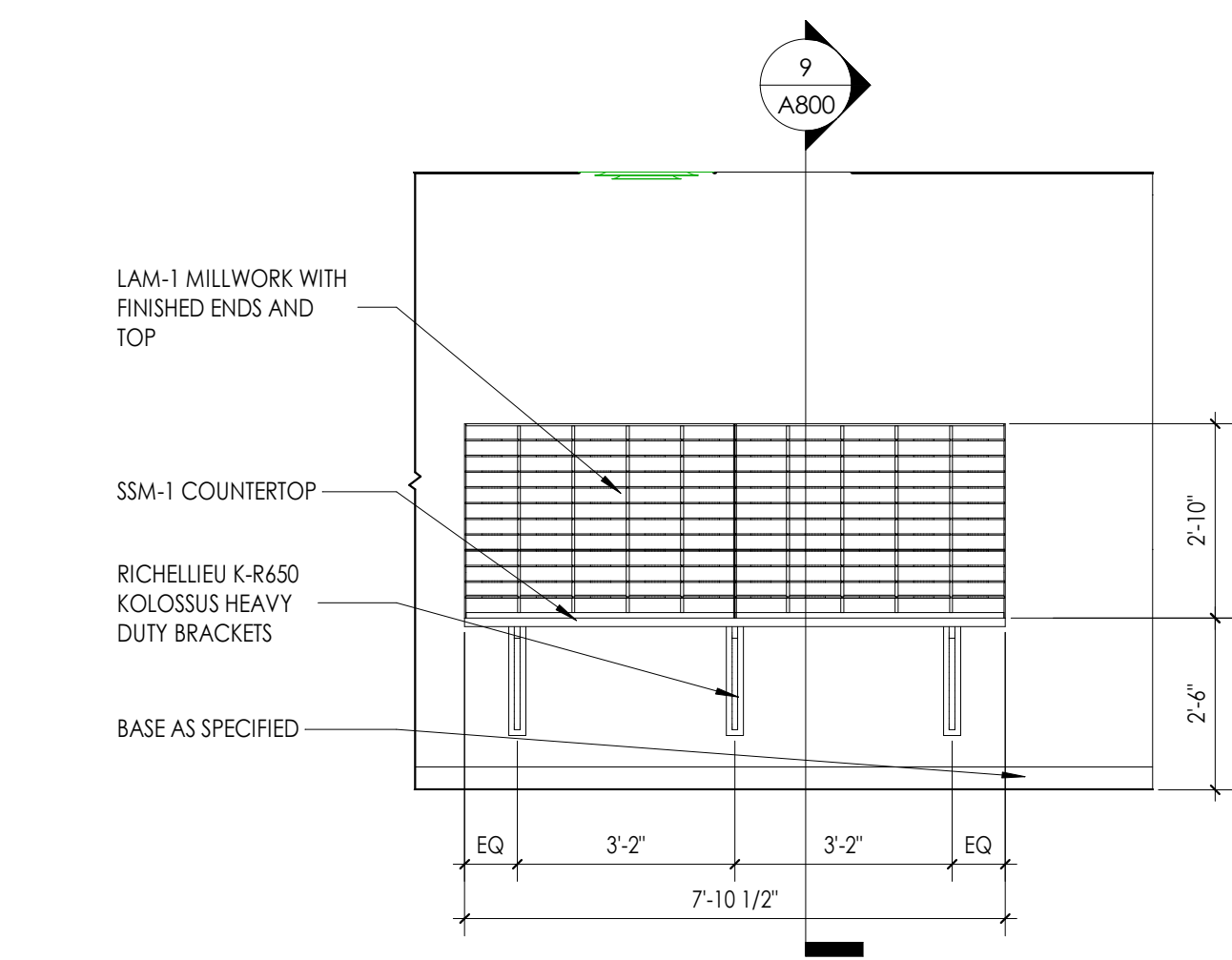
D1 BREAK 1103 - NORTH ELEVATION
3/8" = 1'-0"



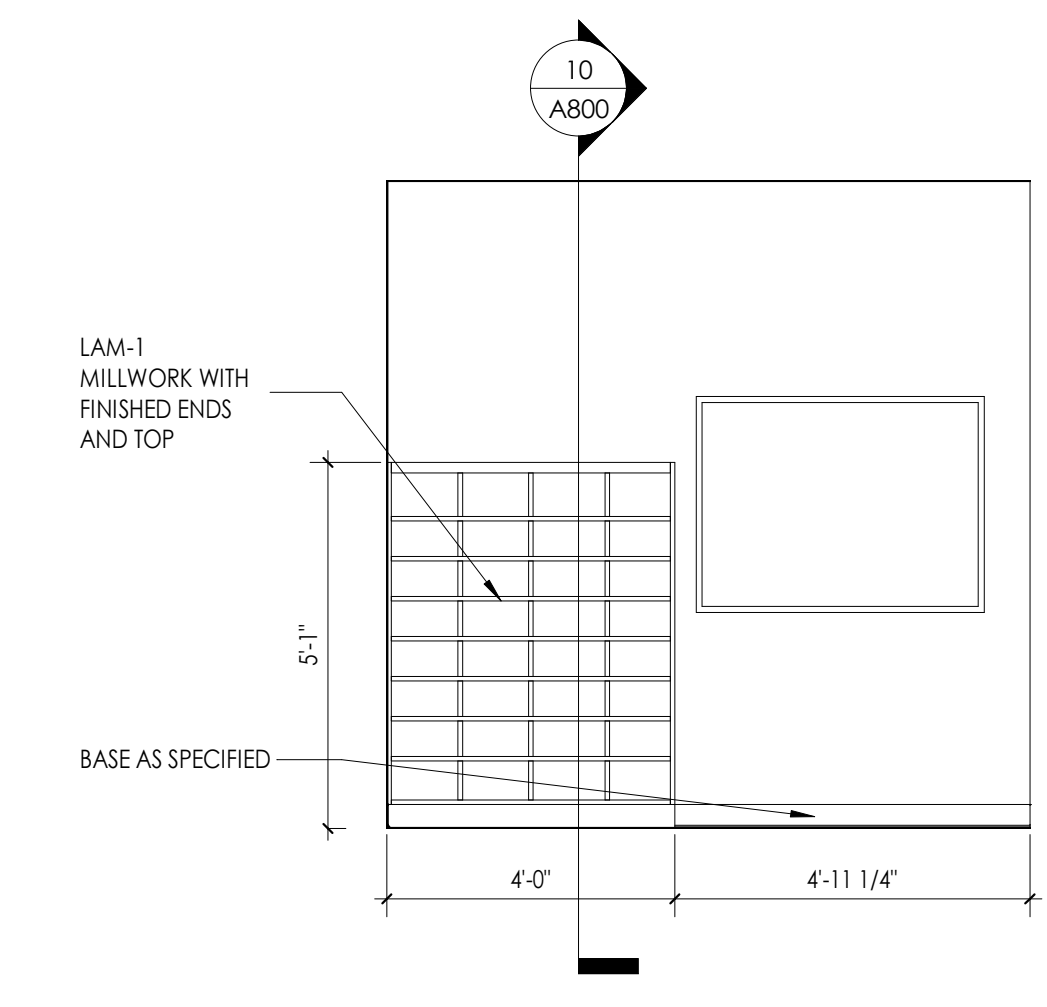
C1 FITNESS 1101 - SOUTH ELEVATION
3/8" = 1'-0"



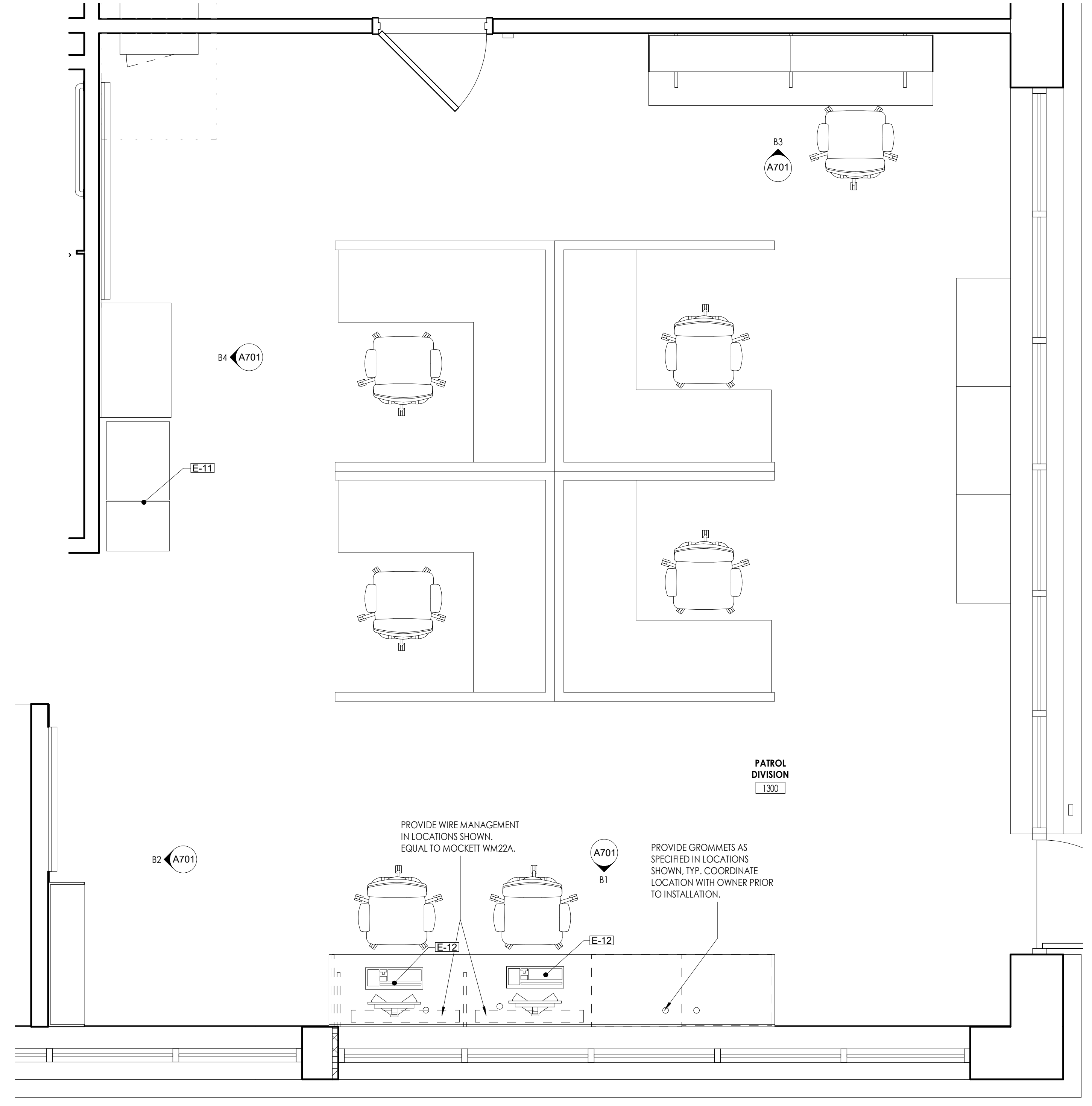
B4 PATROL DIVISION 1300 - PRINTER STATION ELEVATION
3/8" = 1'-0"



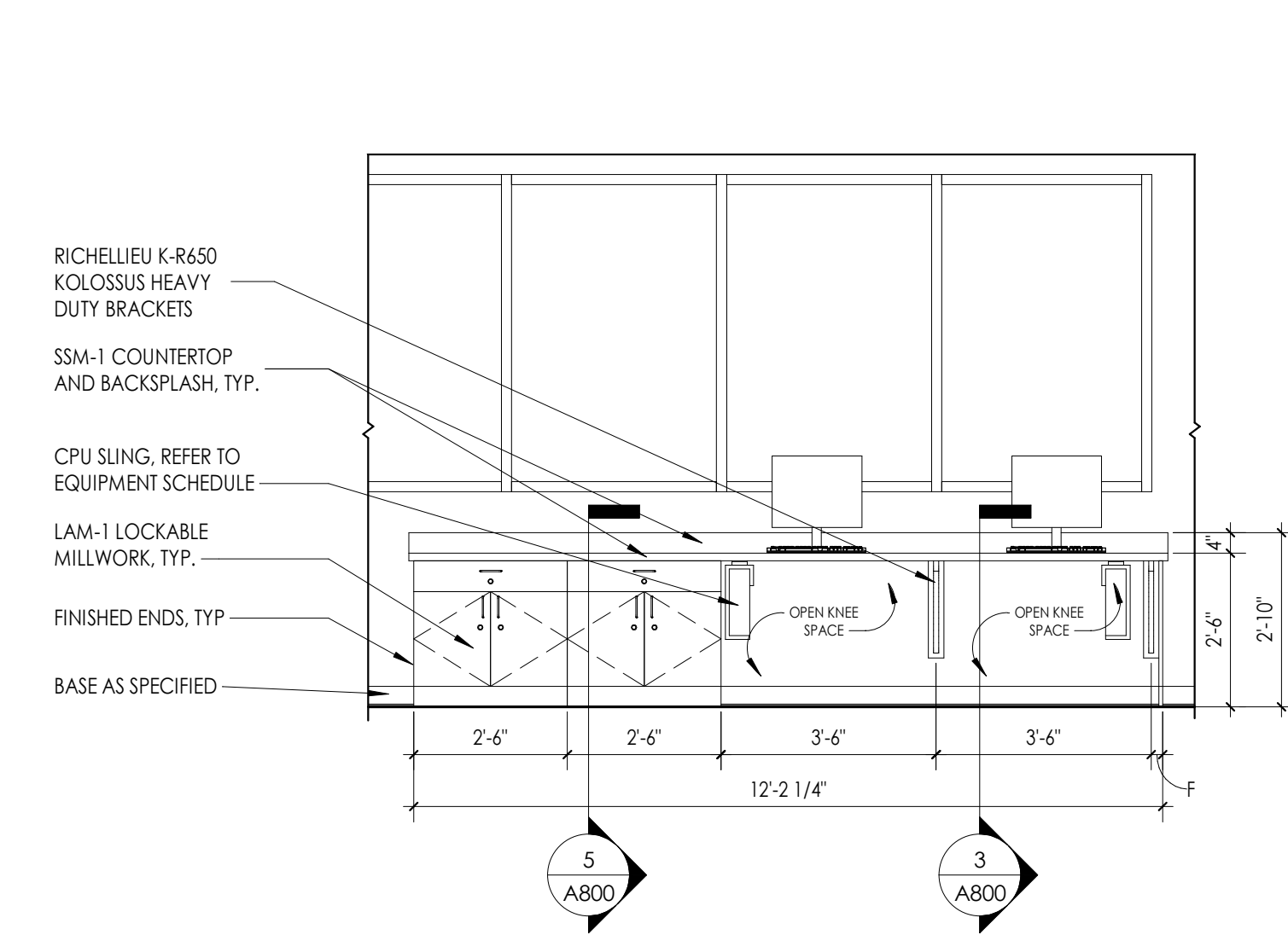
B3 PATROL DIVISION 1300 - PROCESSING ELEVATION
3/8" = 1'-0"



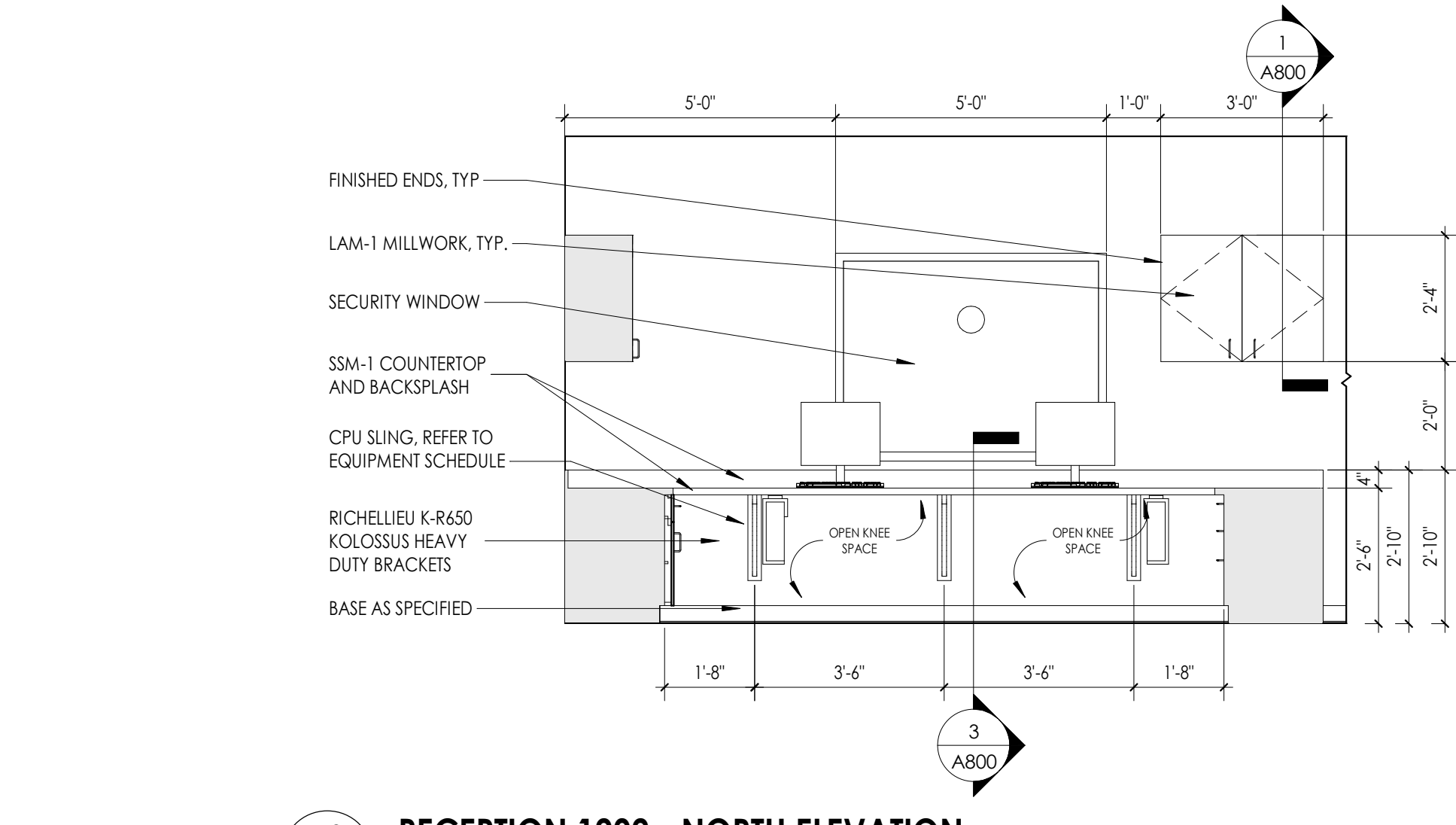
B2 PATROL DIVISION 1300 - MAIL SLOTS ELEVATION
3/8" = 1'-0"



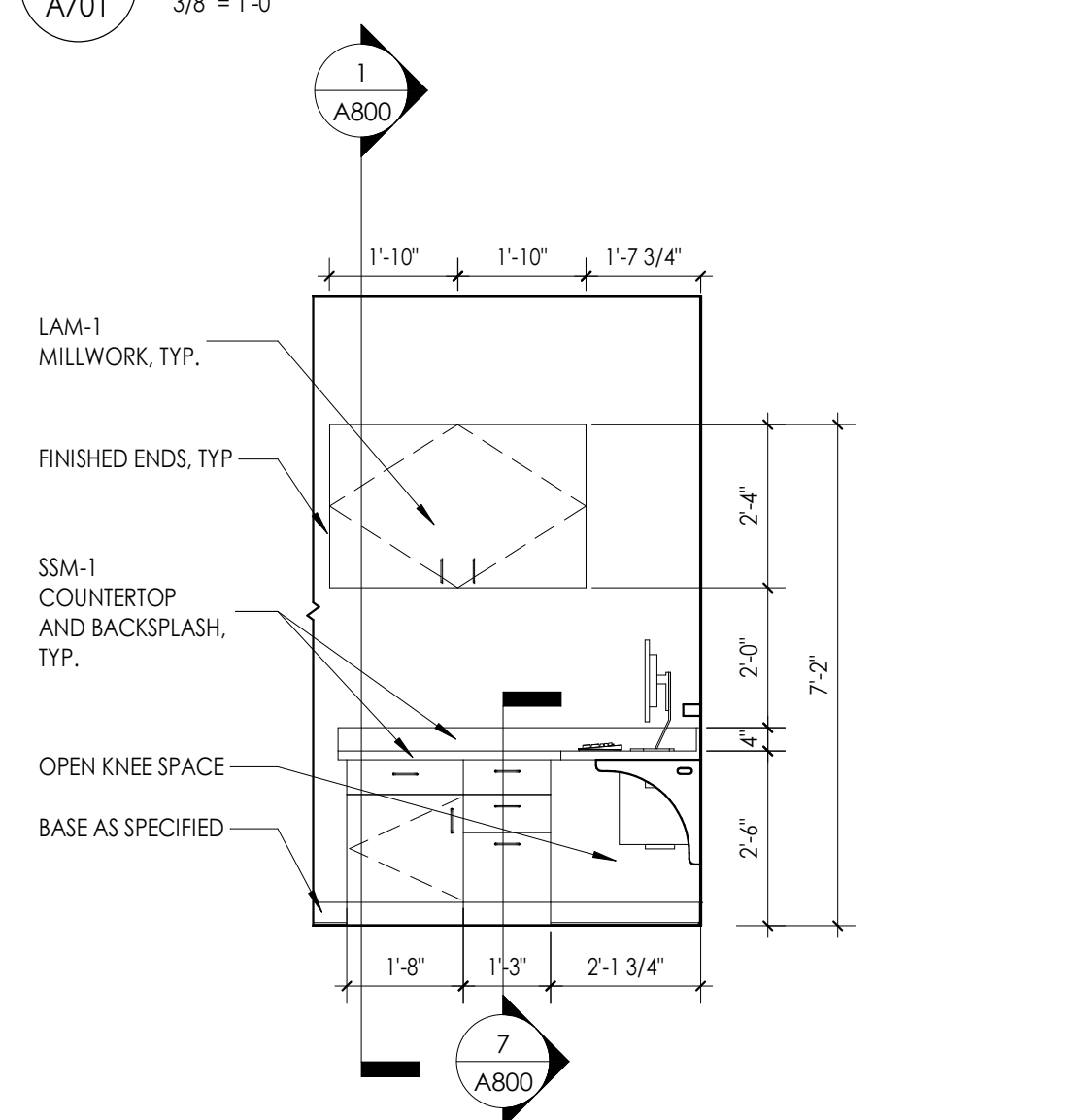
B PATROL 1300 ENLARGED PLAN
1/2" = 1'-0"



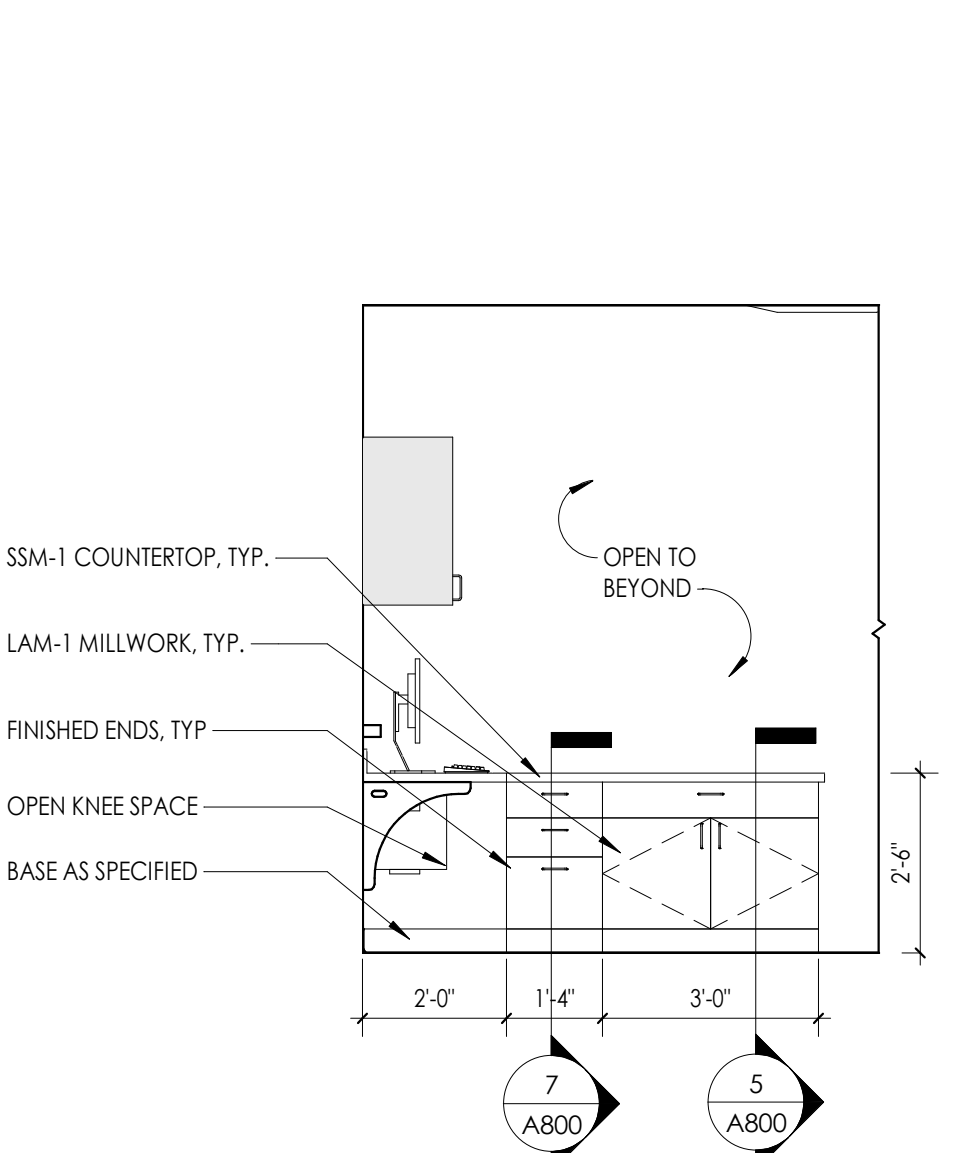
B1 PATROL DIVISION 1300 - SOUTH ELEVATION
3/8" = 1'-0"



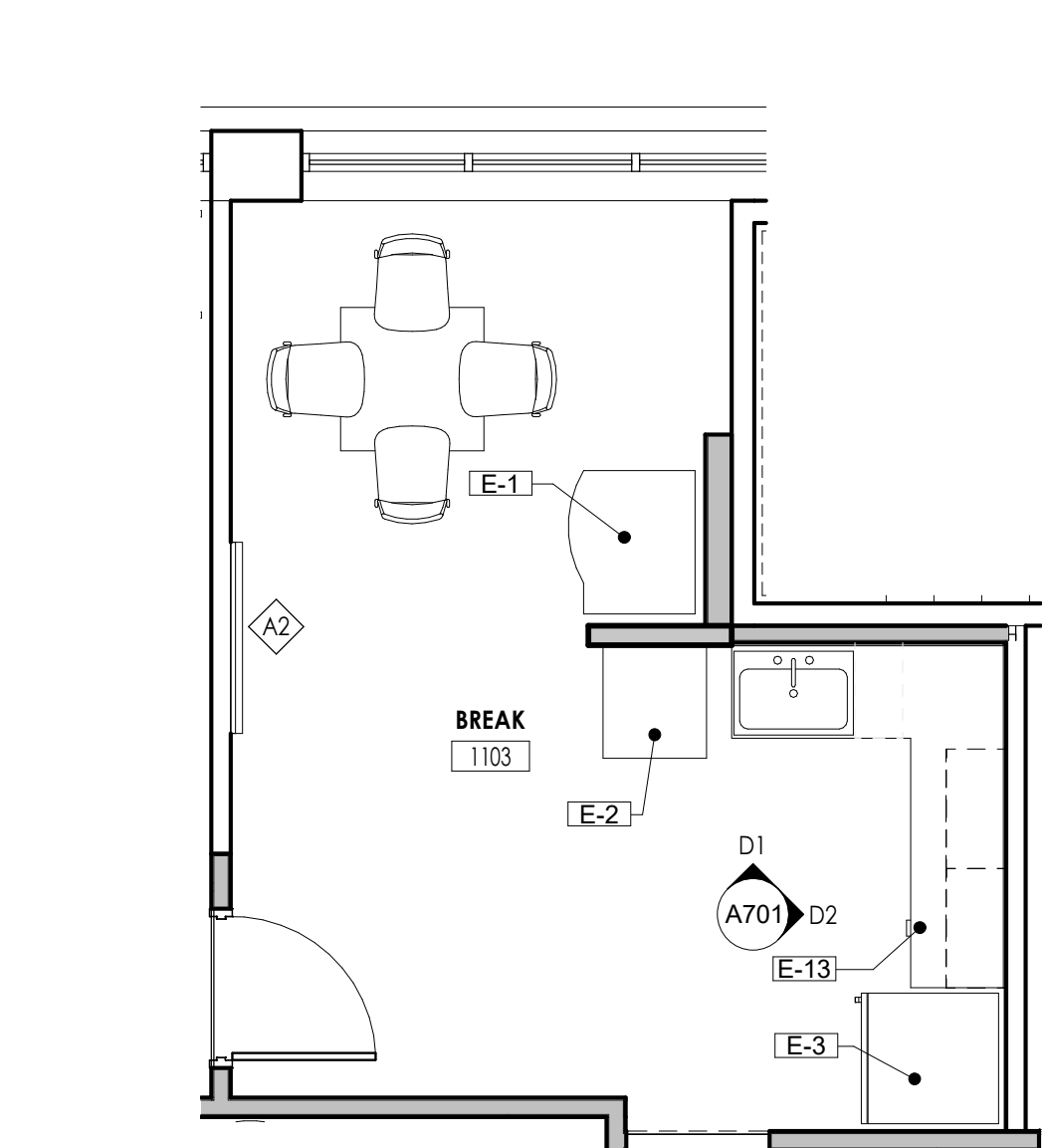
A3 RECEPTION 1202 - NORTH ELEVATION
3/8" = 1'-0"



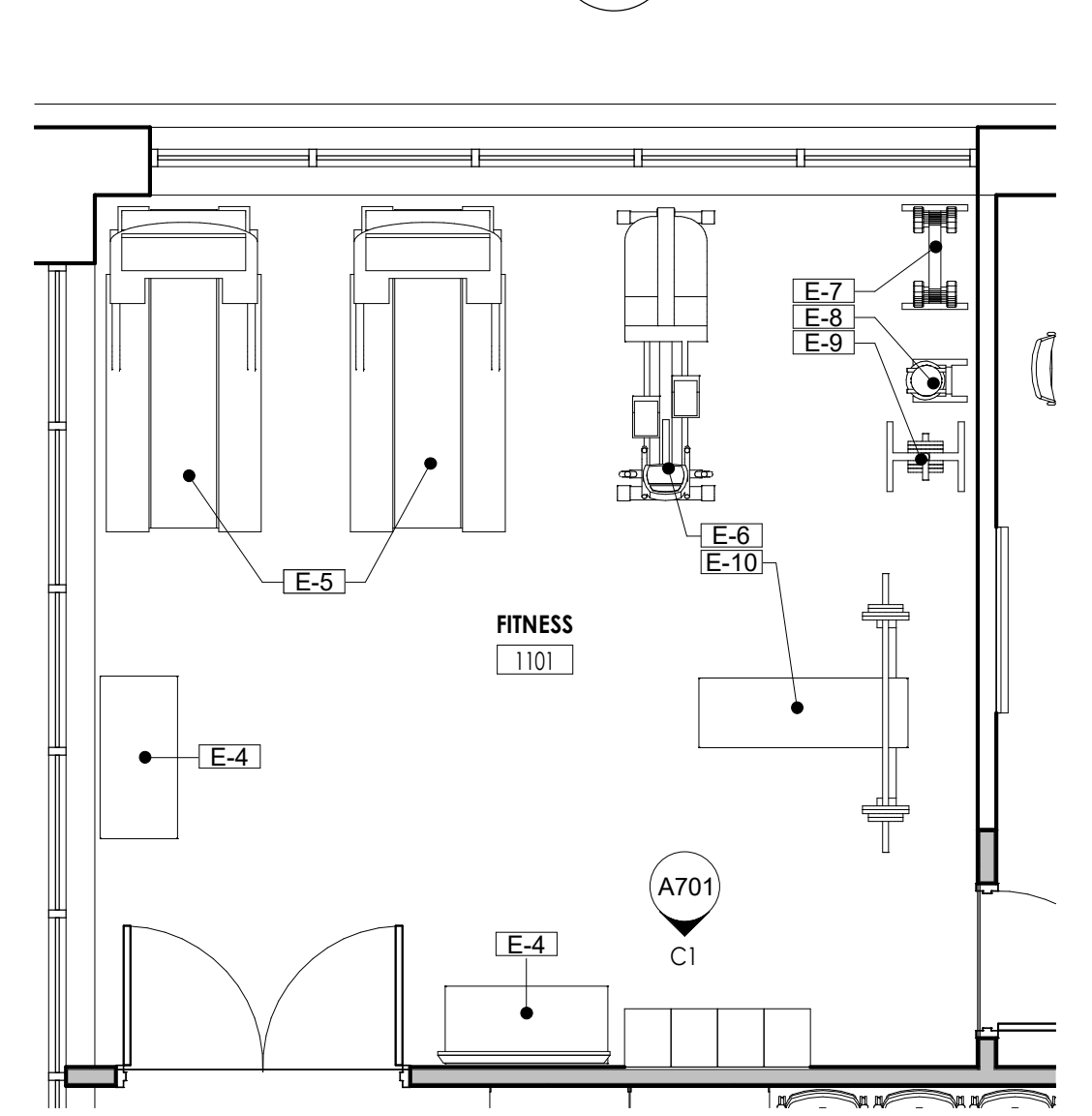
A2 RECEPTION 1202 - WEST ELEVATION
3/8" = 1'-0"



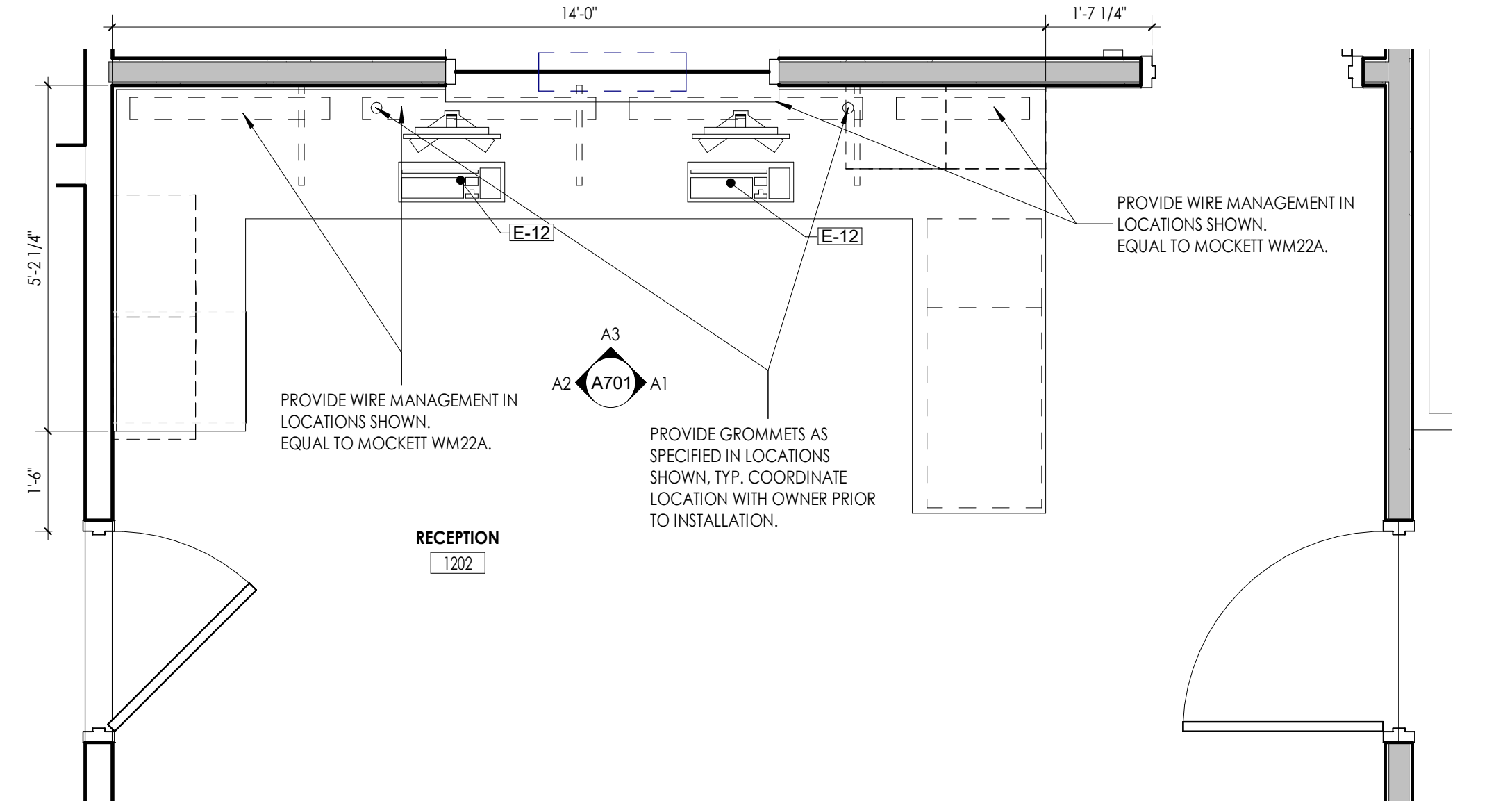
A1 RECEPTION 1202 - EAST ELEVATION
3/8" = 1'-0"



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"

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

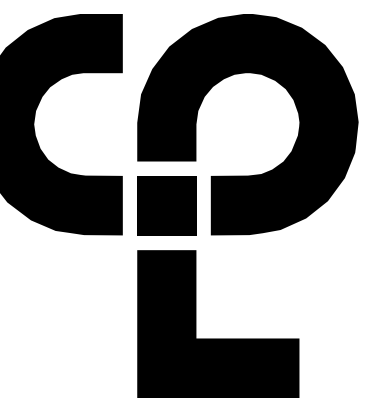
PROJECT ISSUE & REVISION SCHEDULE
Date: 08/12/2024
Description: AUGUSTUS ROCK HILL COMMENTS

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:

A701



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

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	UD014DA-1618	MANITOWOC	OFCI
E-3	REFRIGERATOR, DOMESTIC WITH FREEZER	Z19 CU FT (E2522YNRFS)	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 RICHEURU; 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
M3				
SG3				
SG4				

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 A600 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.
- 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.

PROJECT INFORMATION

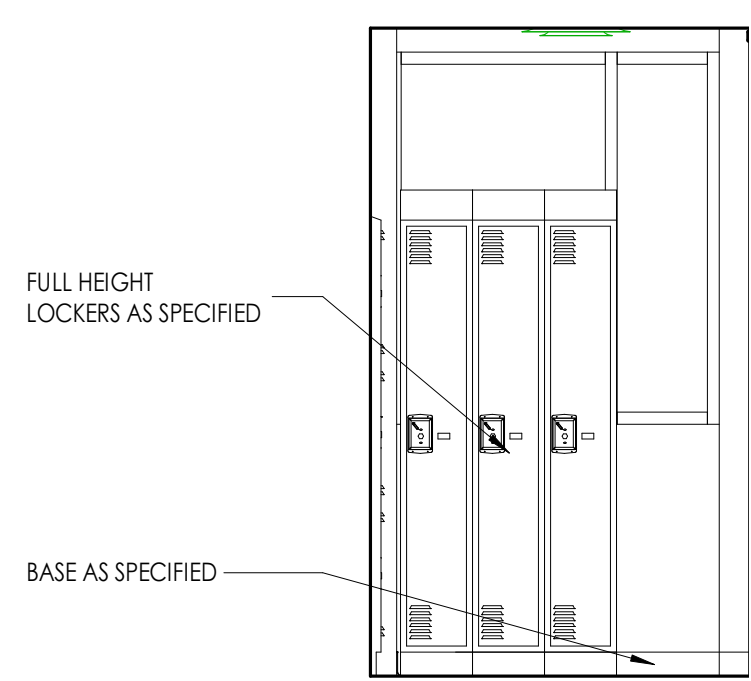
Project Number: R23.00720.00
Client Name: YORK COUNTY, SC

Project Name: DISTRICT 3 SHERIFF'S OFFICE

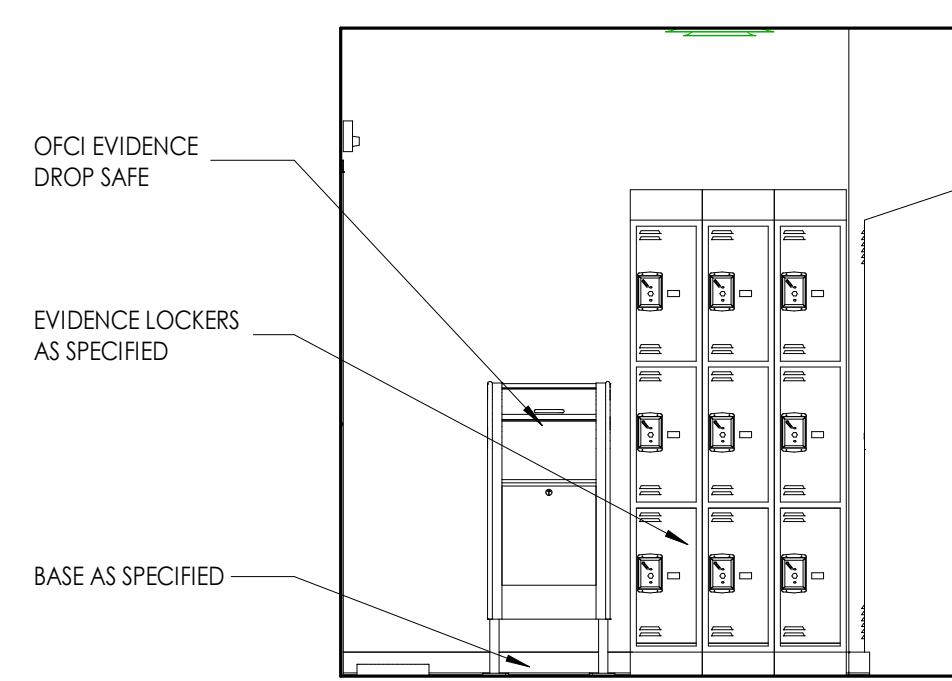
Project Address: 236 NORTH PARK DRIVE, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

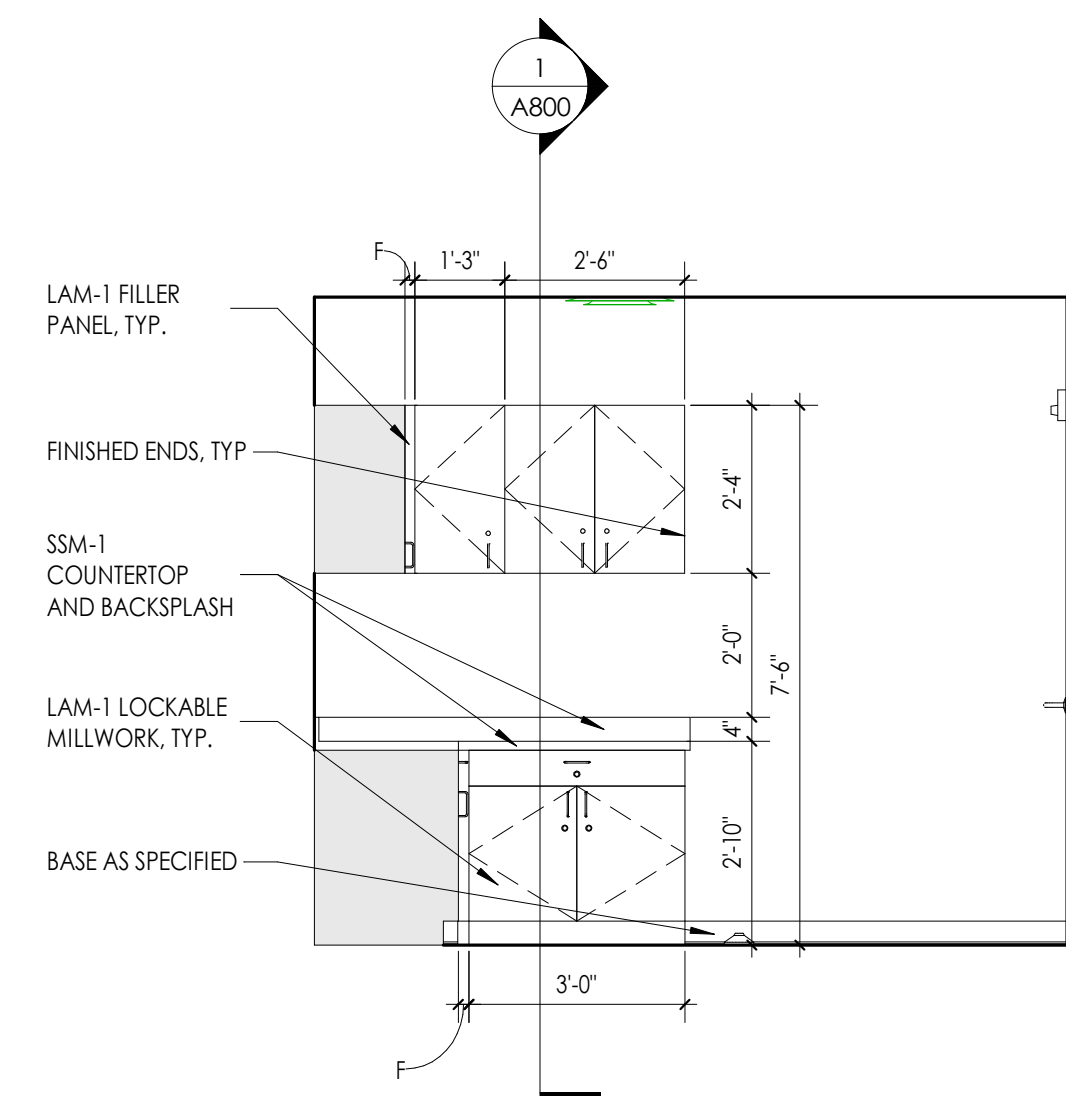
Date: Description:



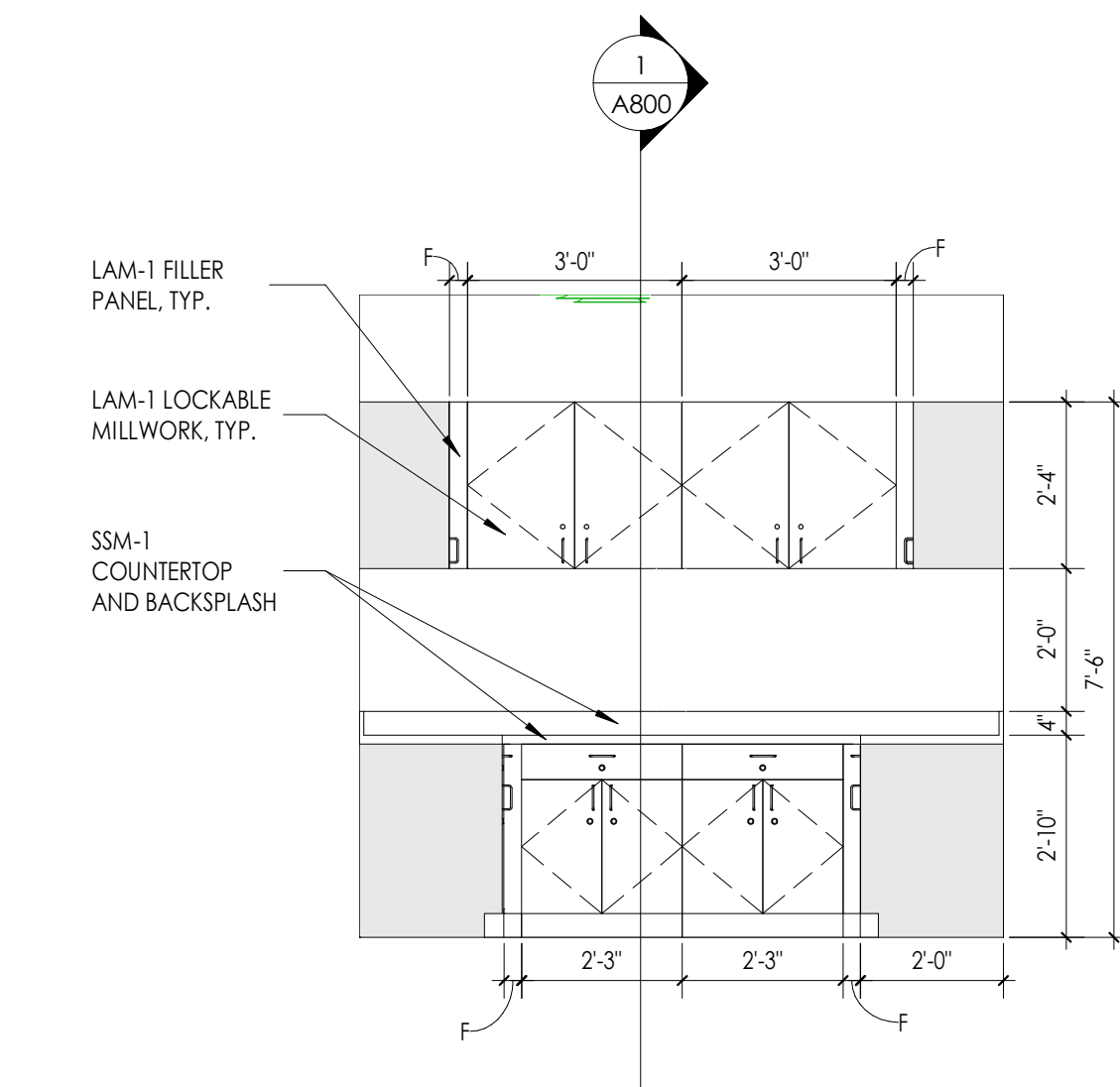
D2 EVIDENCE 2118 - SOUTH ELEVATION
3/8" = 1'-0"



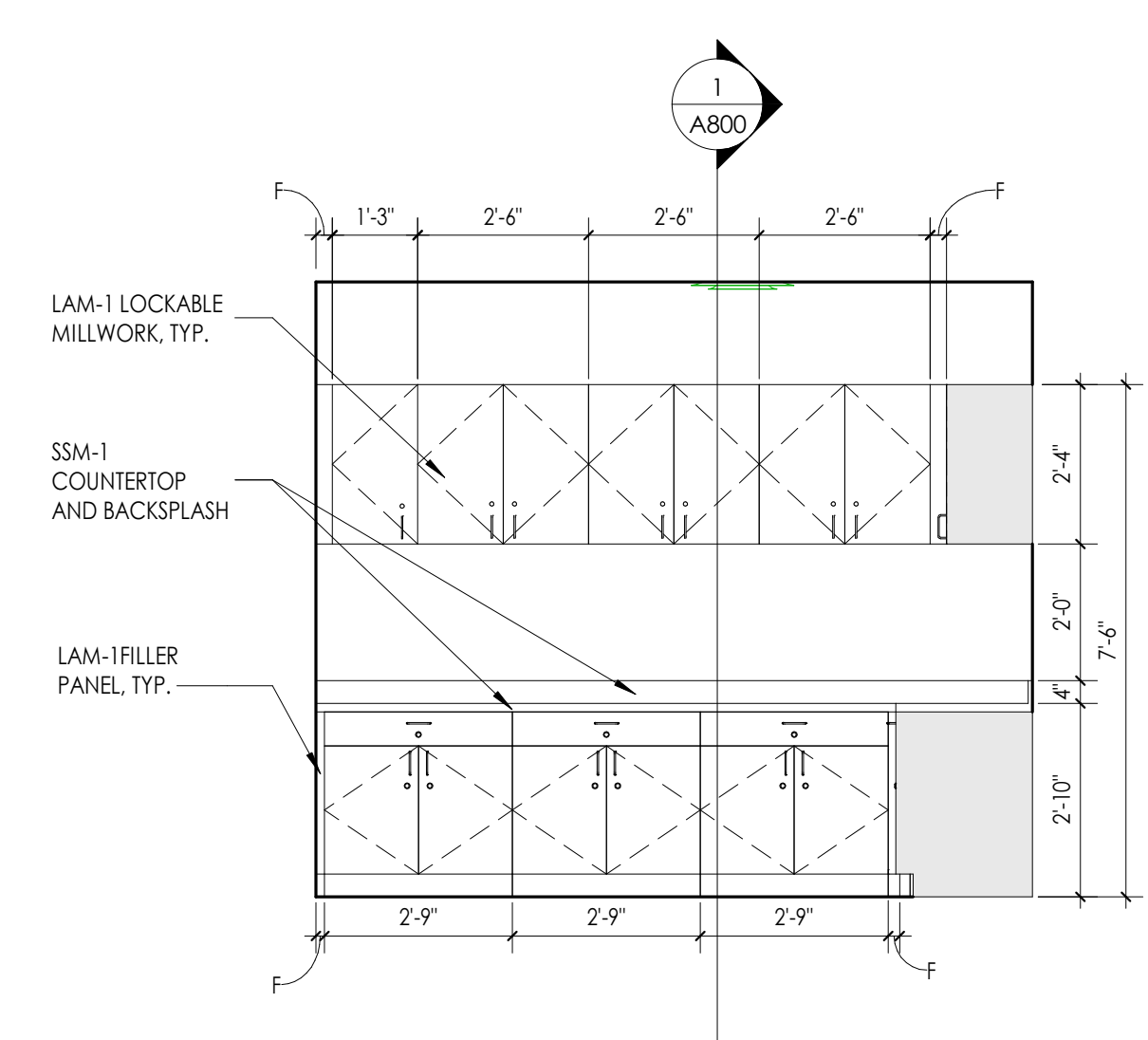
D1 EVIDENCE 2118 - EAST ELEVATION
3/8" = 1'-0"



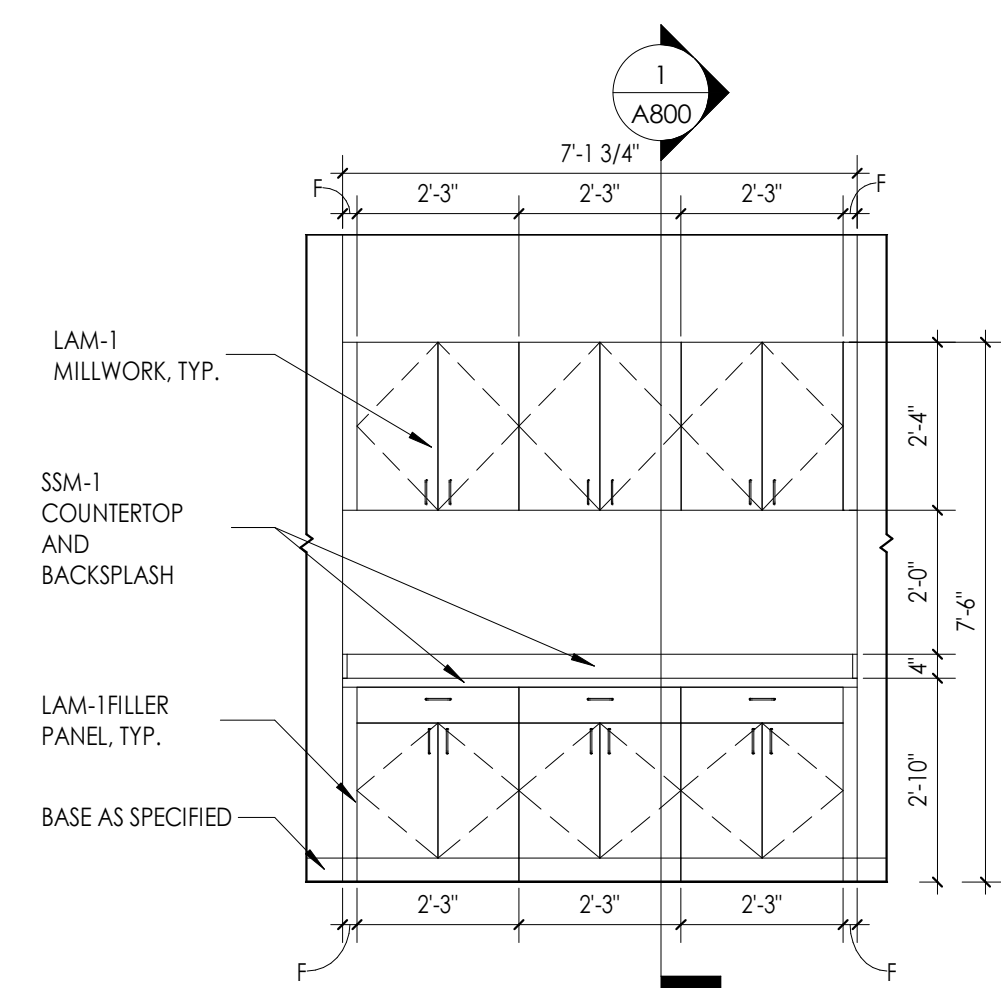
C3 STORAGE 2109 - SOUTH ELEVATION
3/8" = 1'-0"



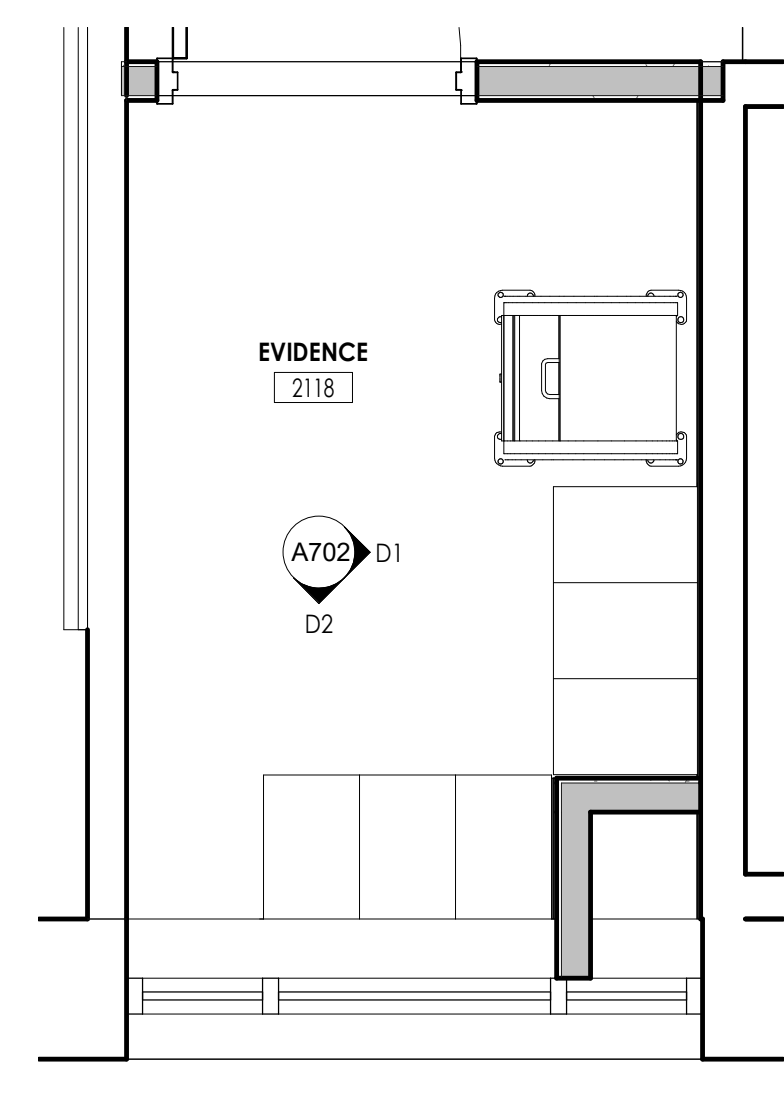
C2 STORAGE 2109 - EAST ELEVATION
3/8" = 1'-0"



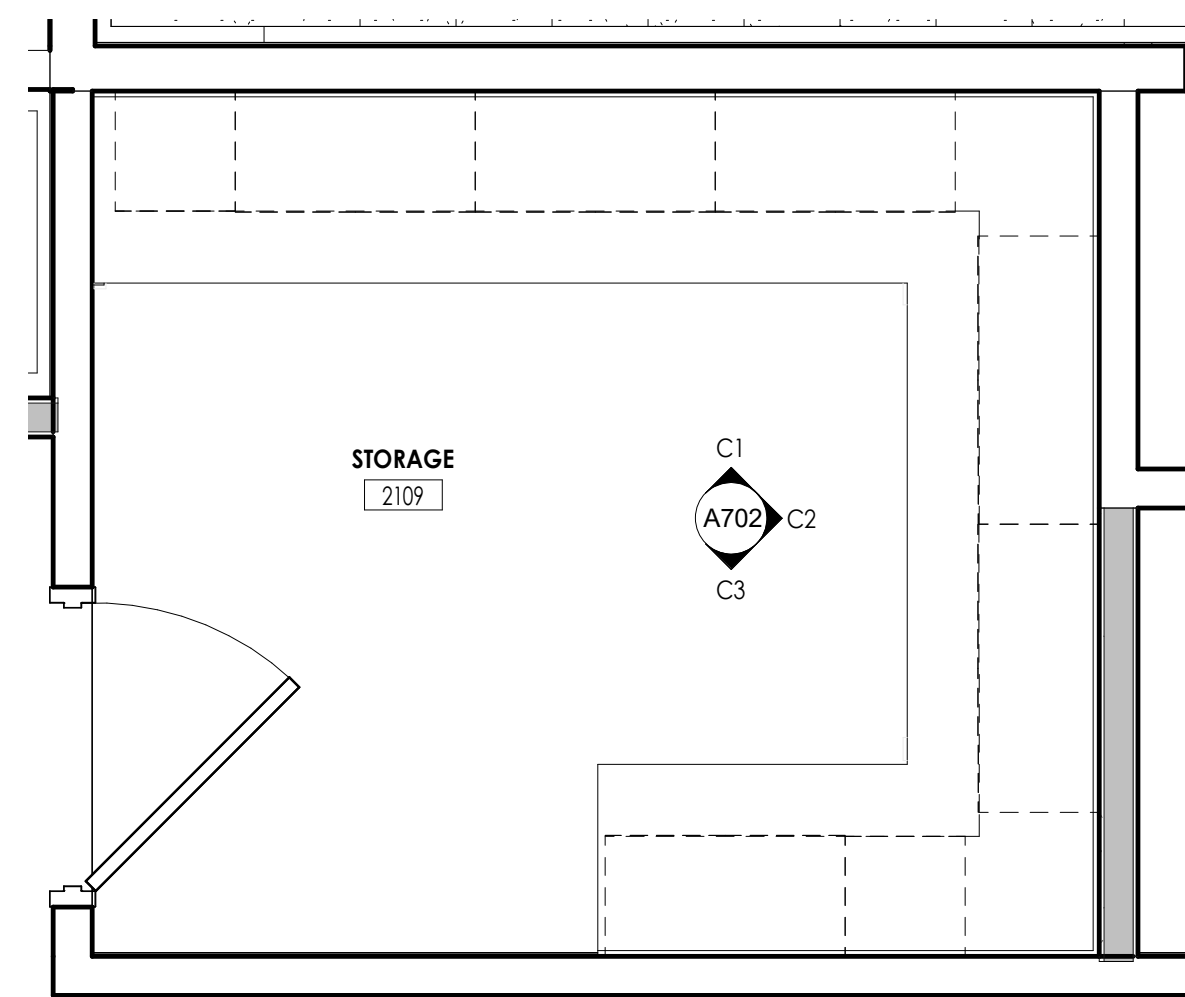
C1 STORAGE 2109 - NORTH ELEVATION
3/8" = 1'-0"



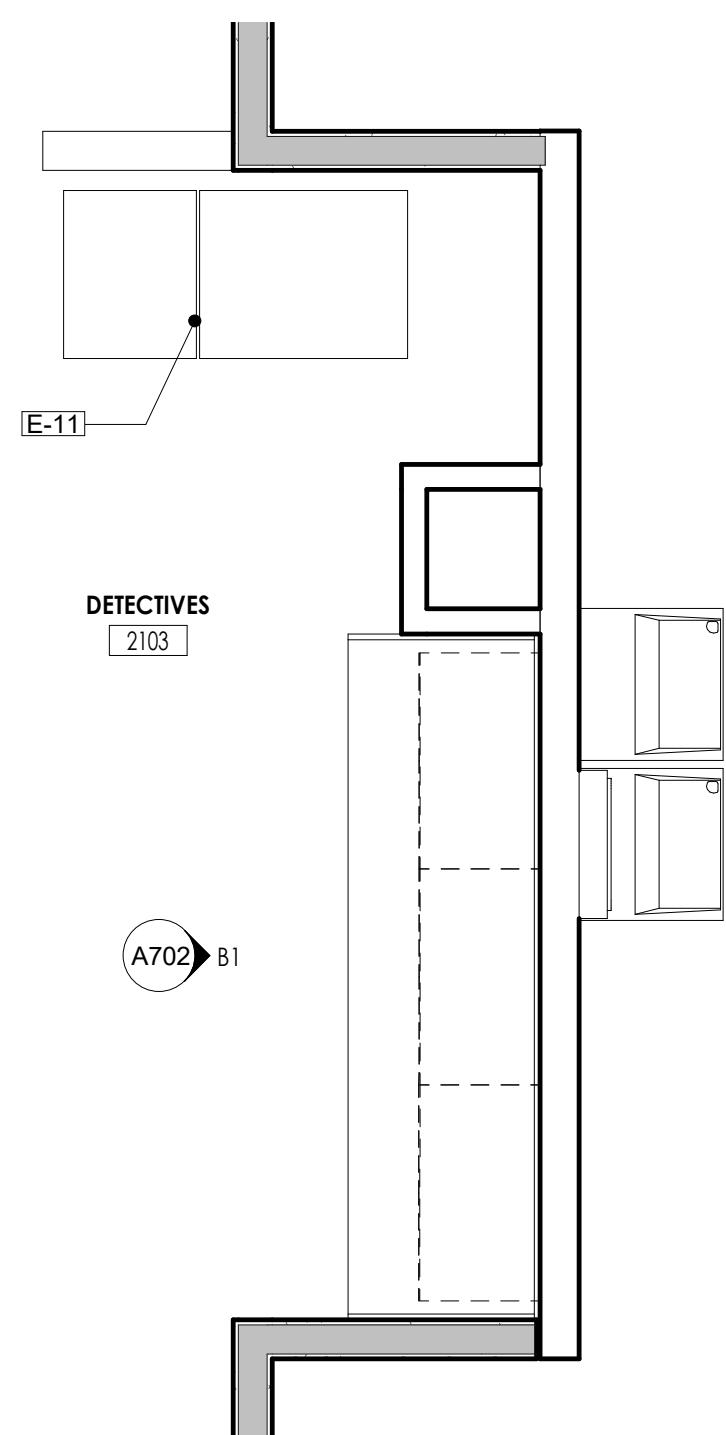
B1 SPECIAL OPS 2103 - EAST ELEVATION
3/8" = 1'-0"



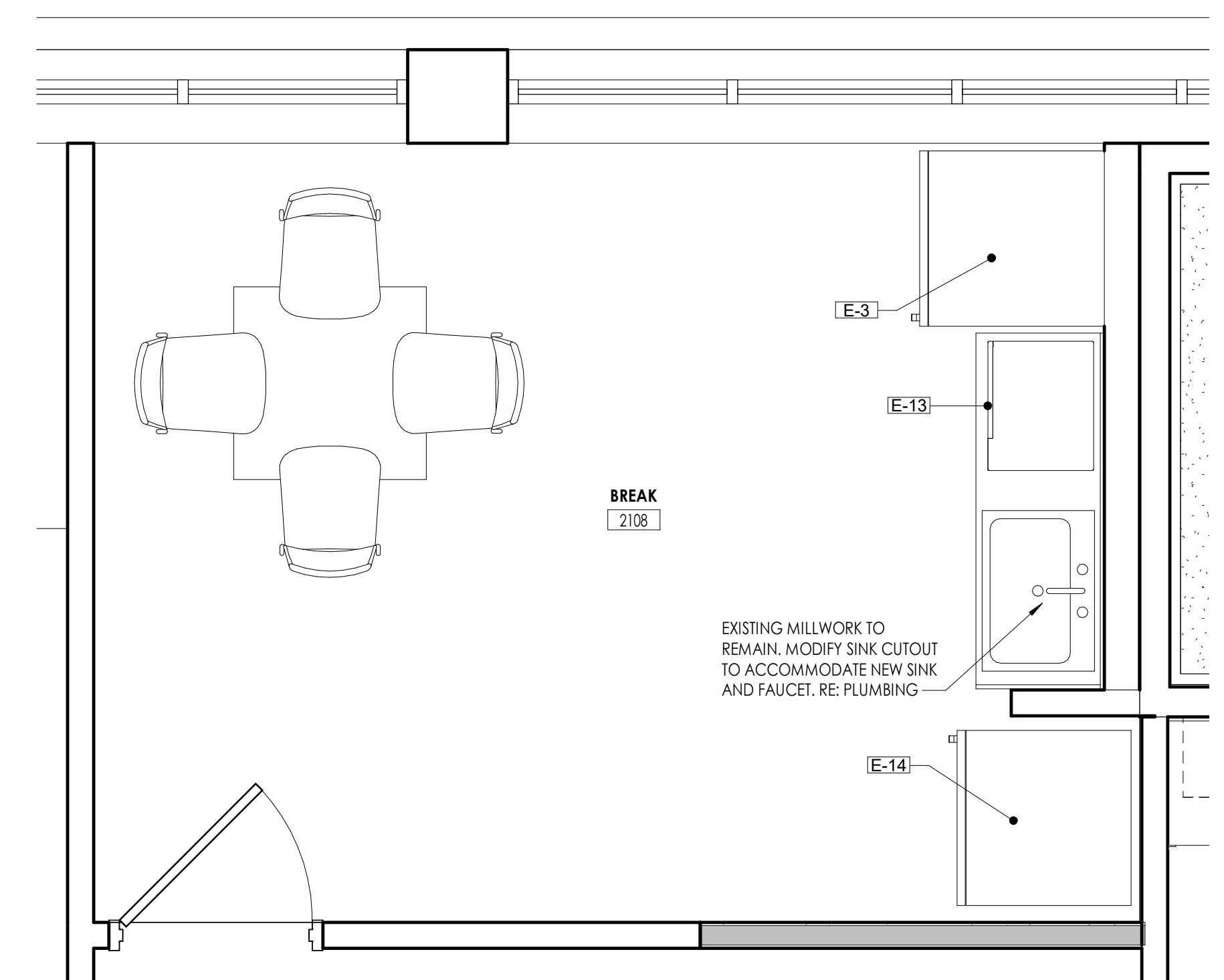
D EVIDENCE 2118 ENLARGED PLAN
1/2" = 1'-0"



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

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

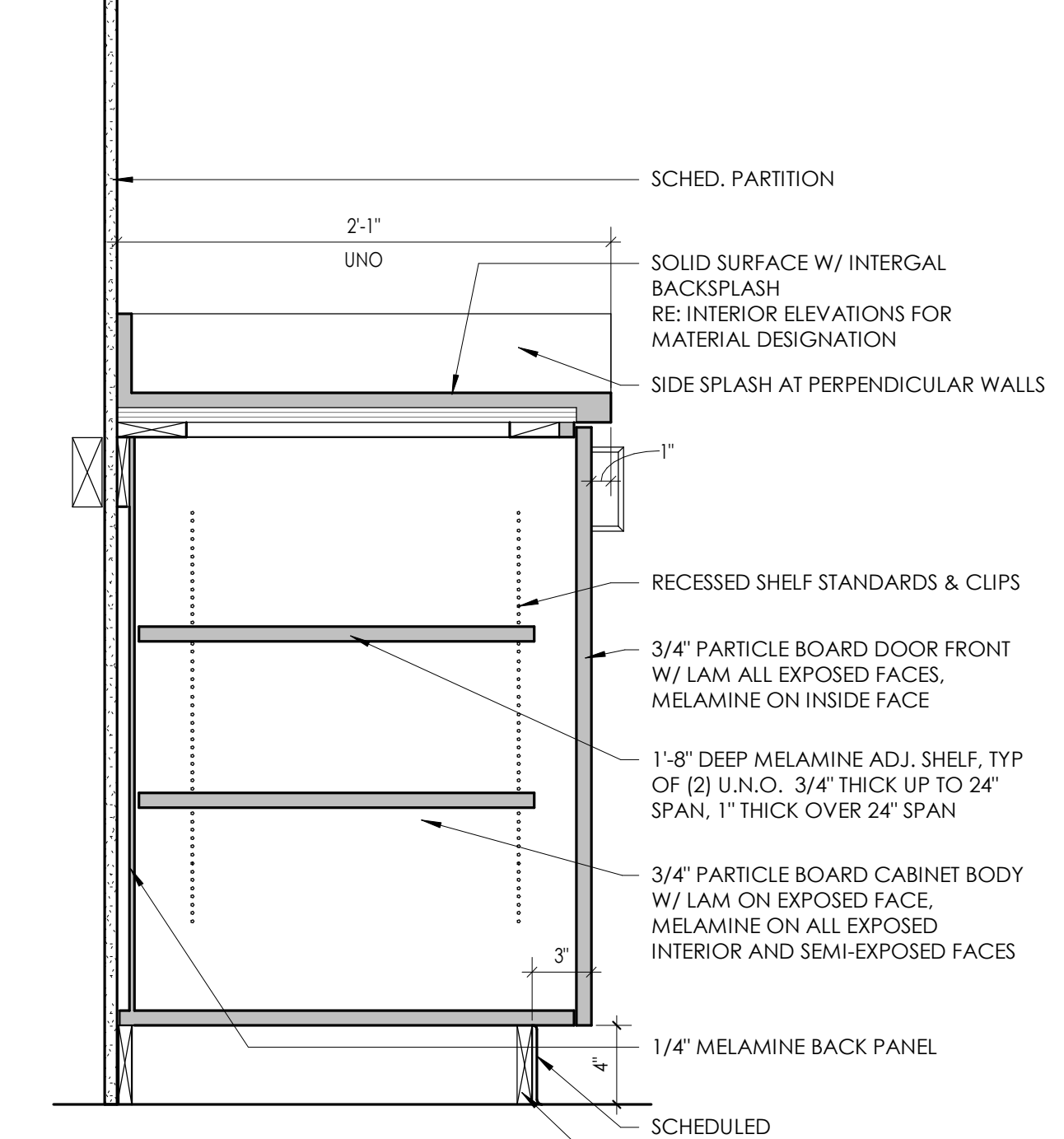
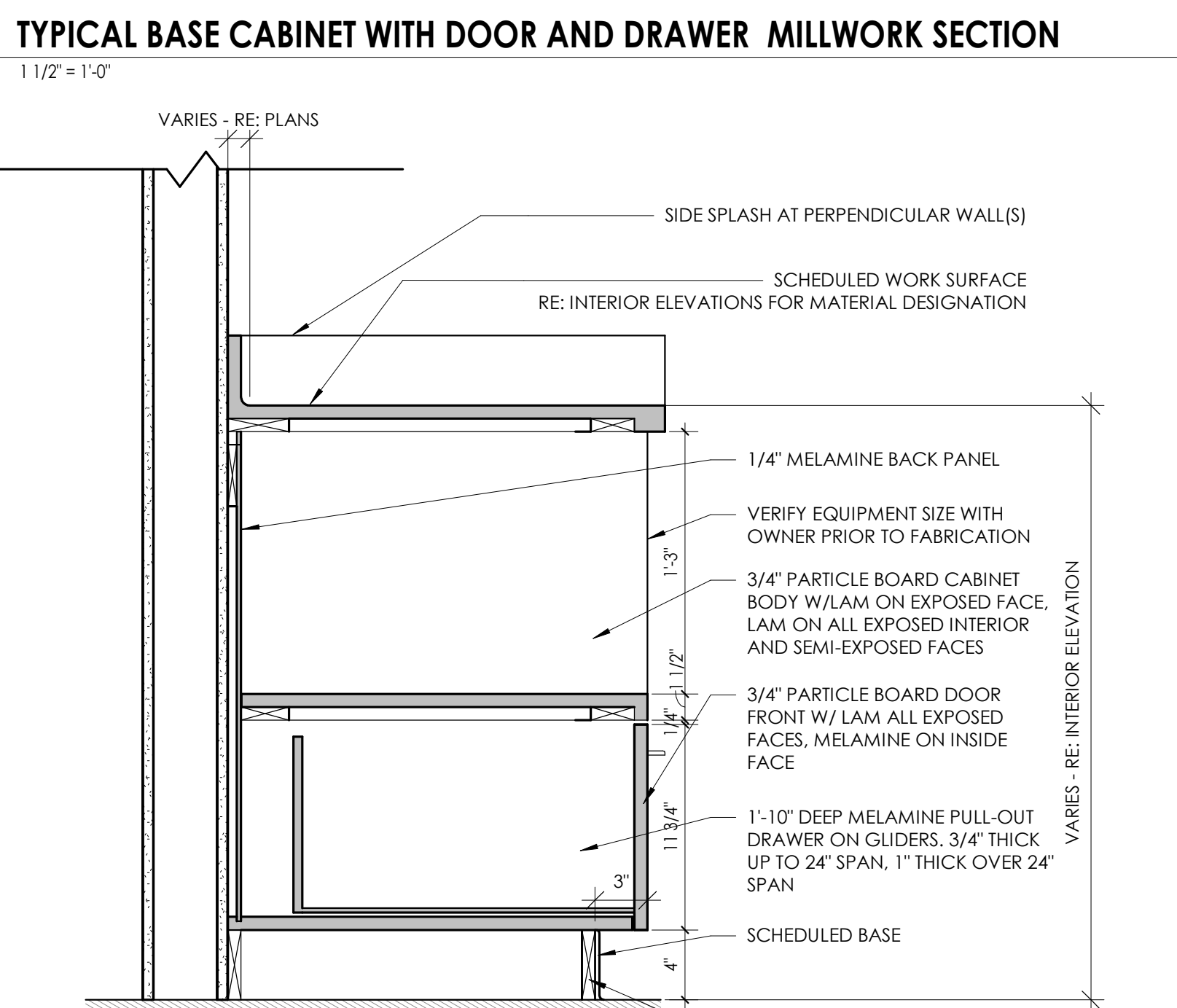
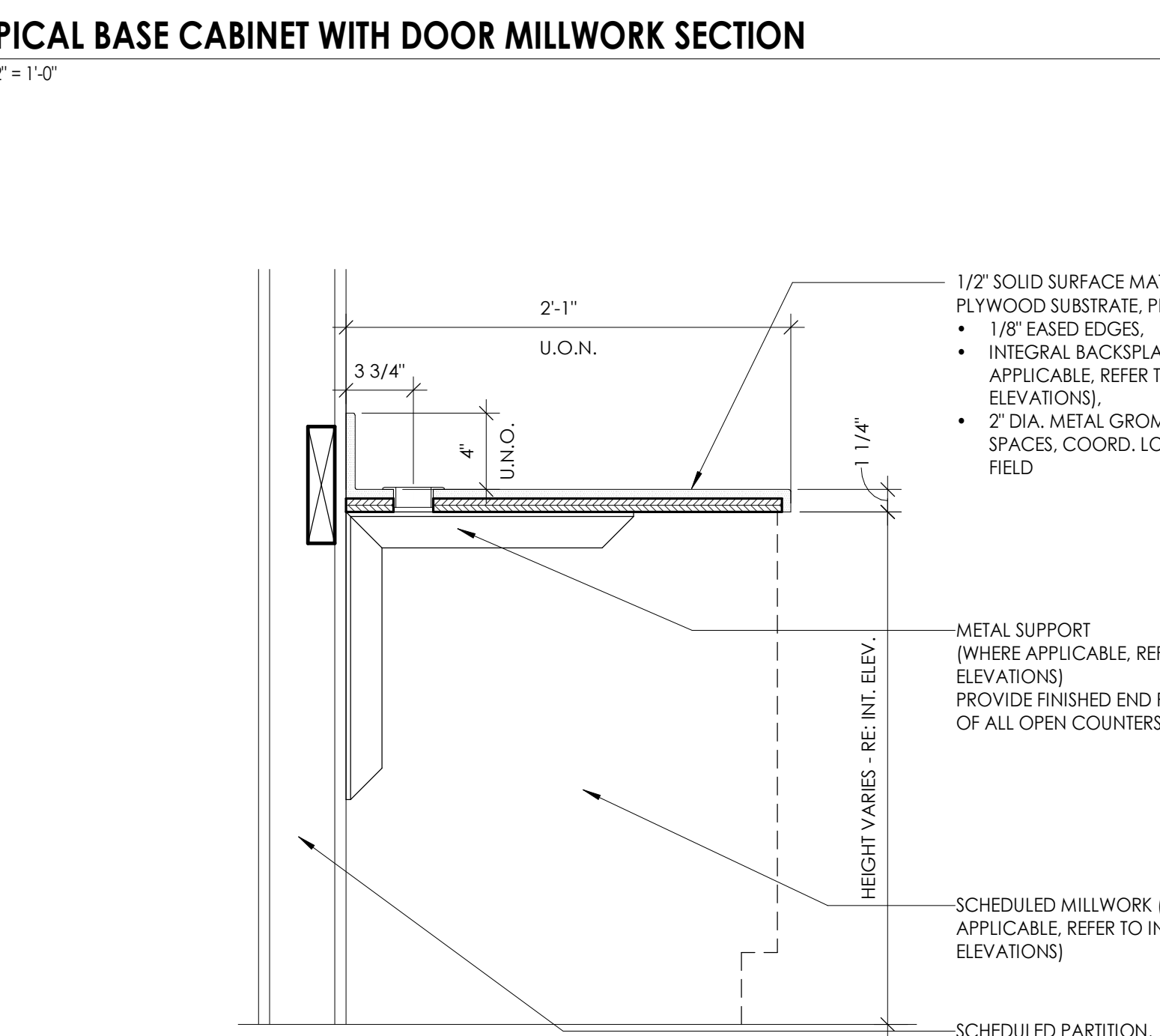
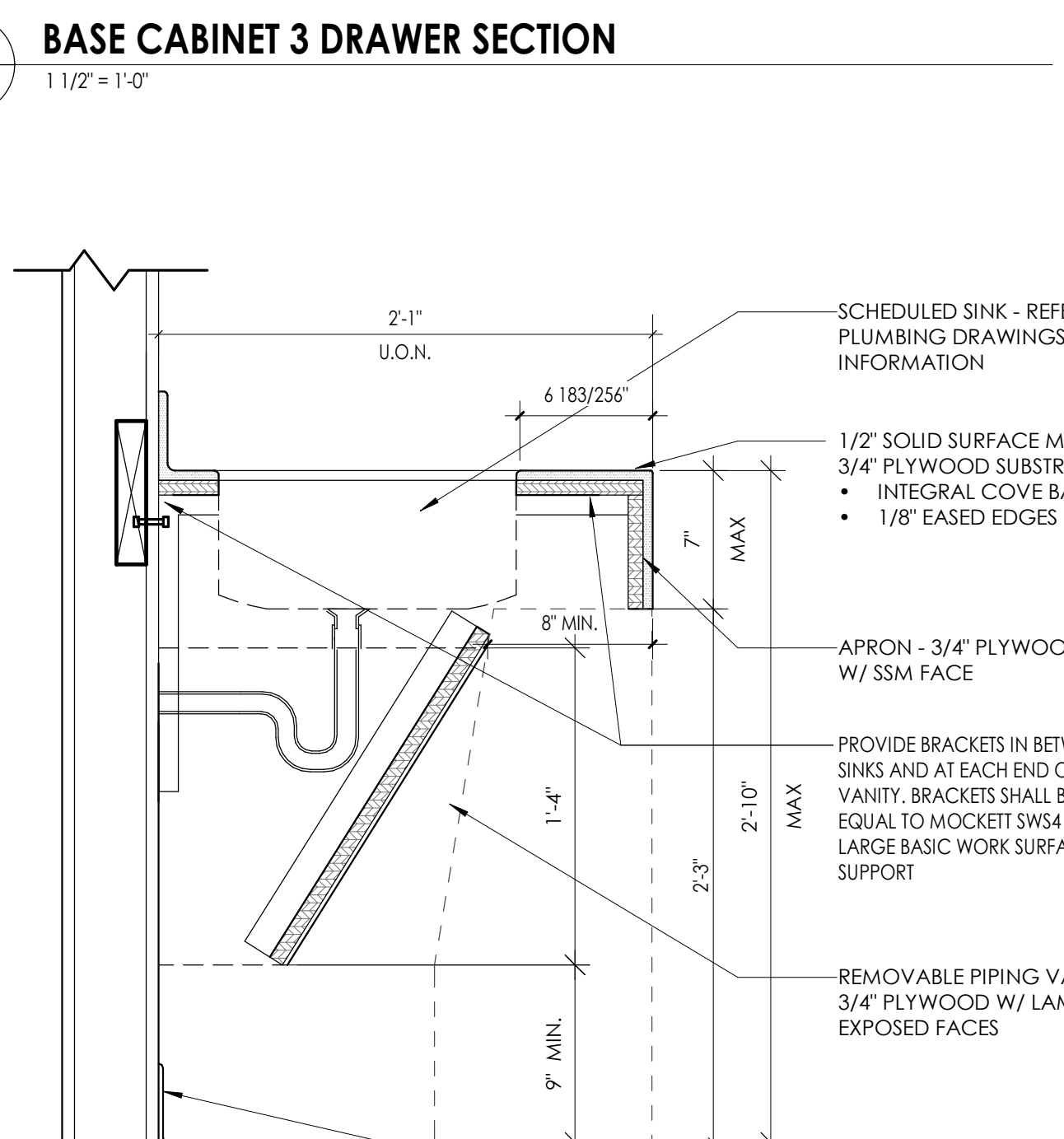
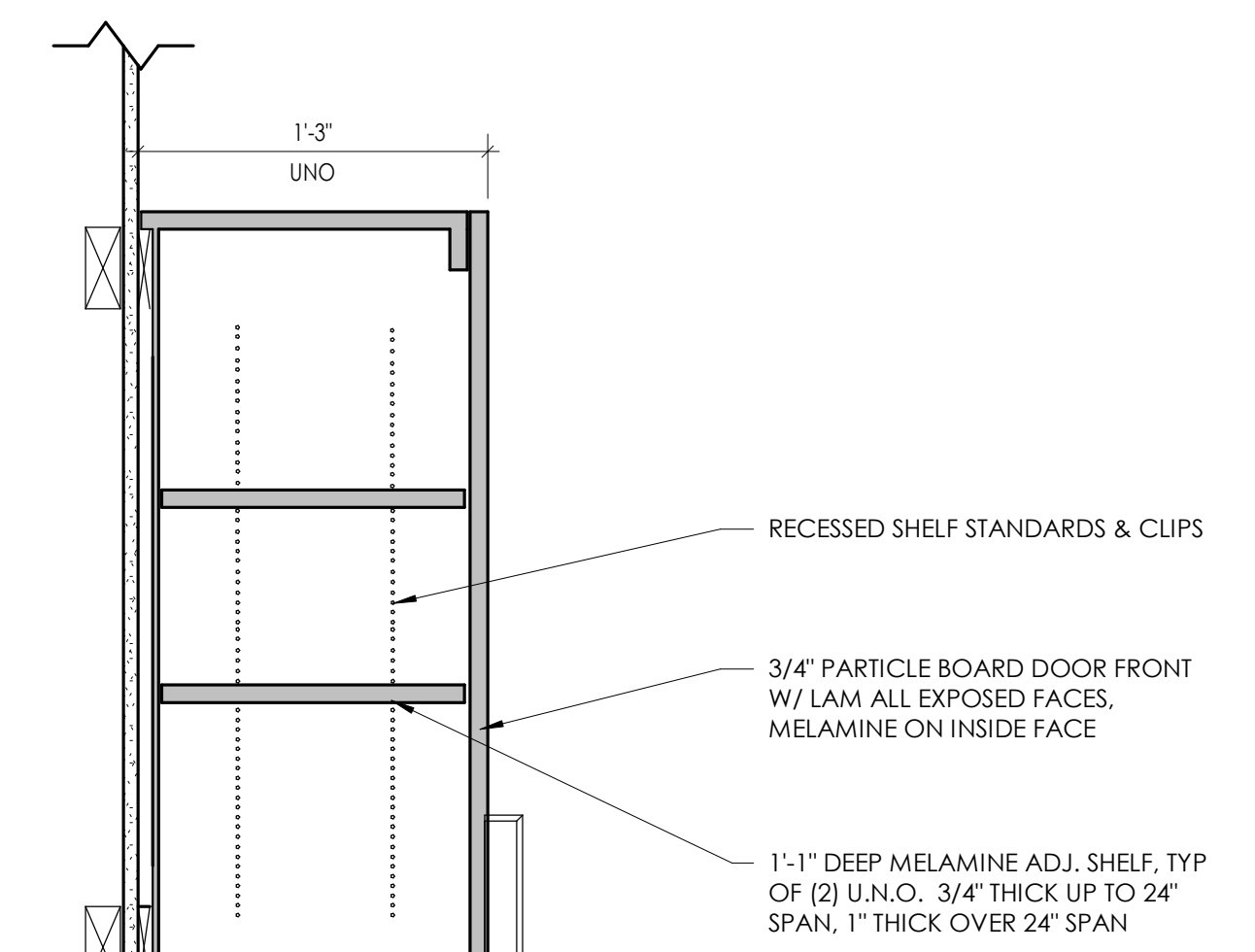
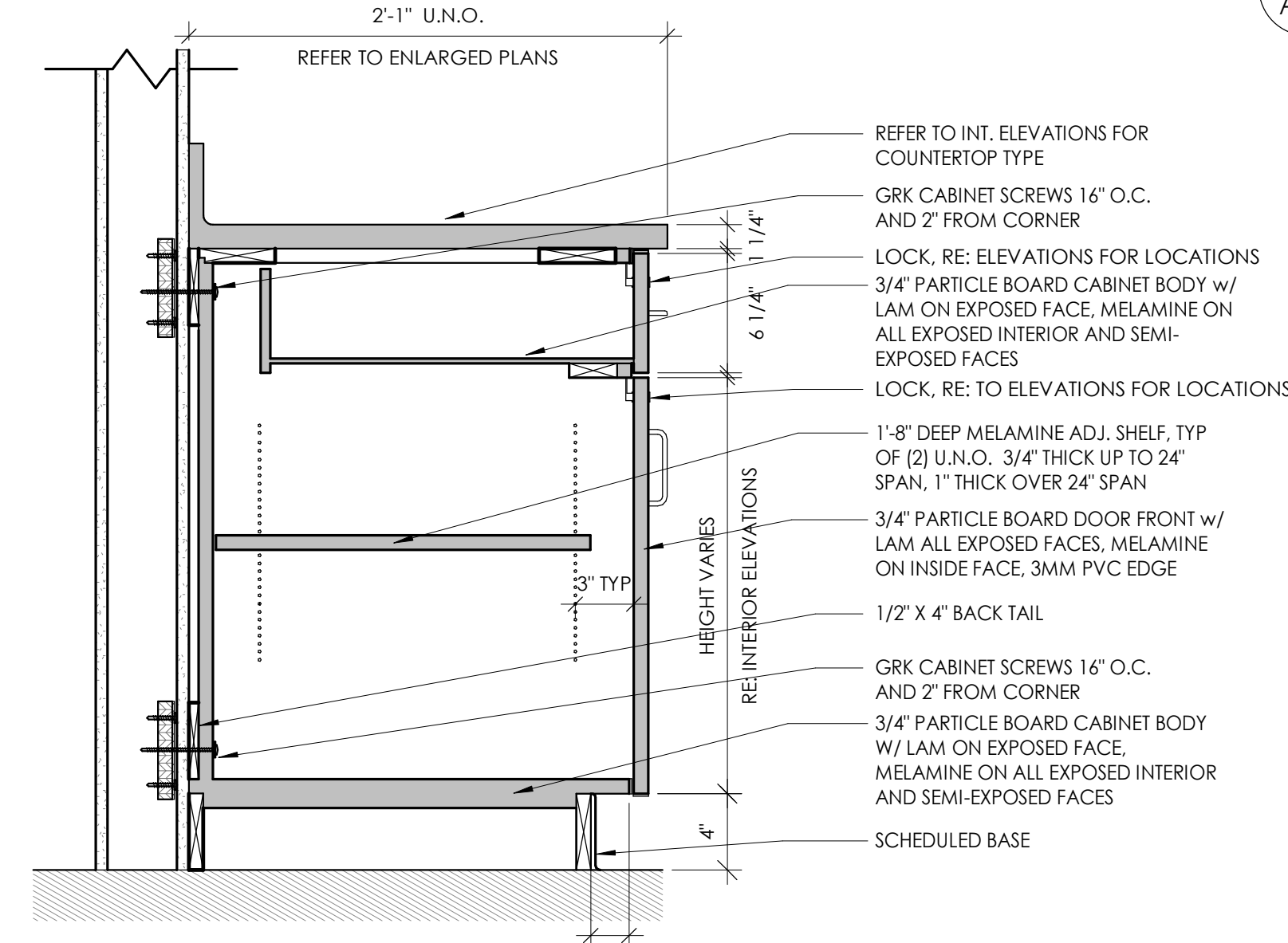
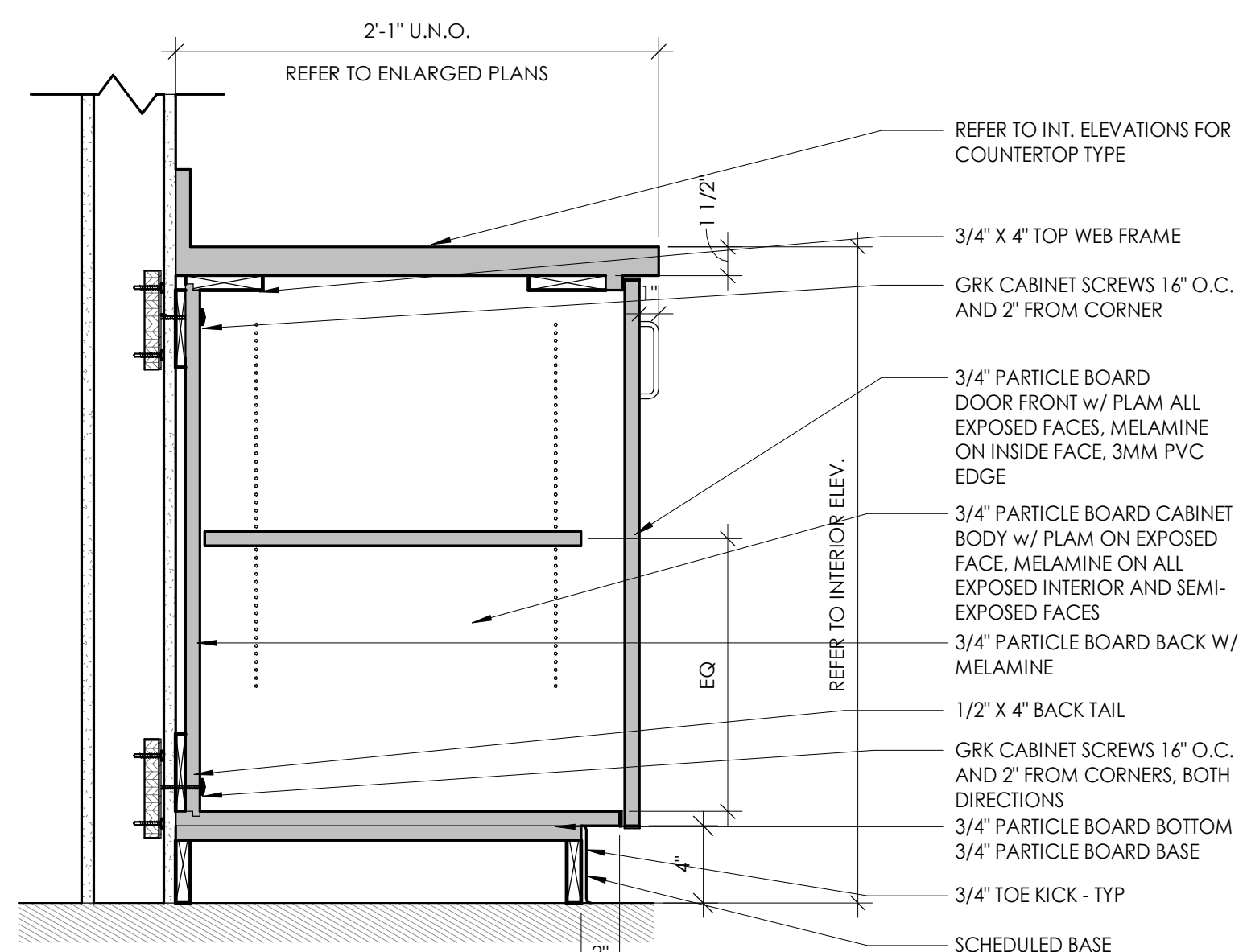
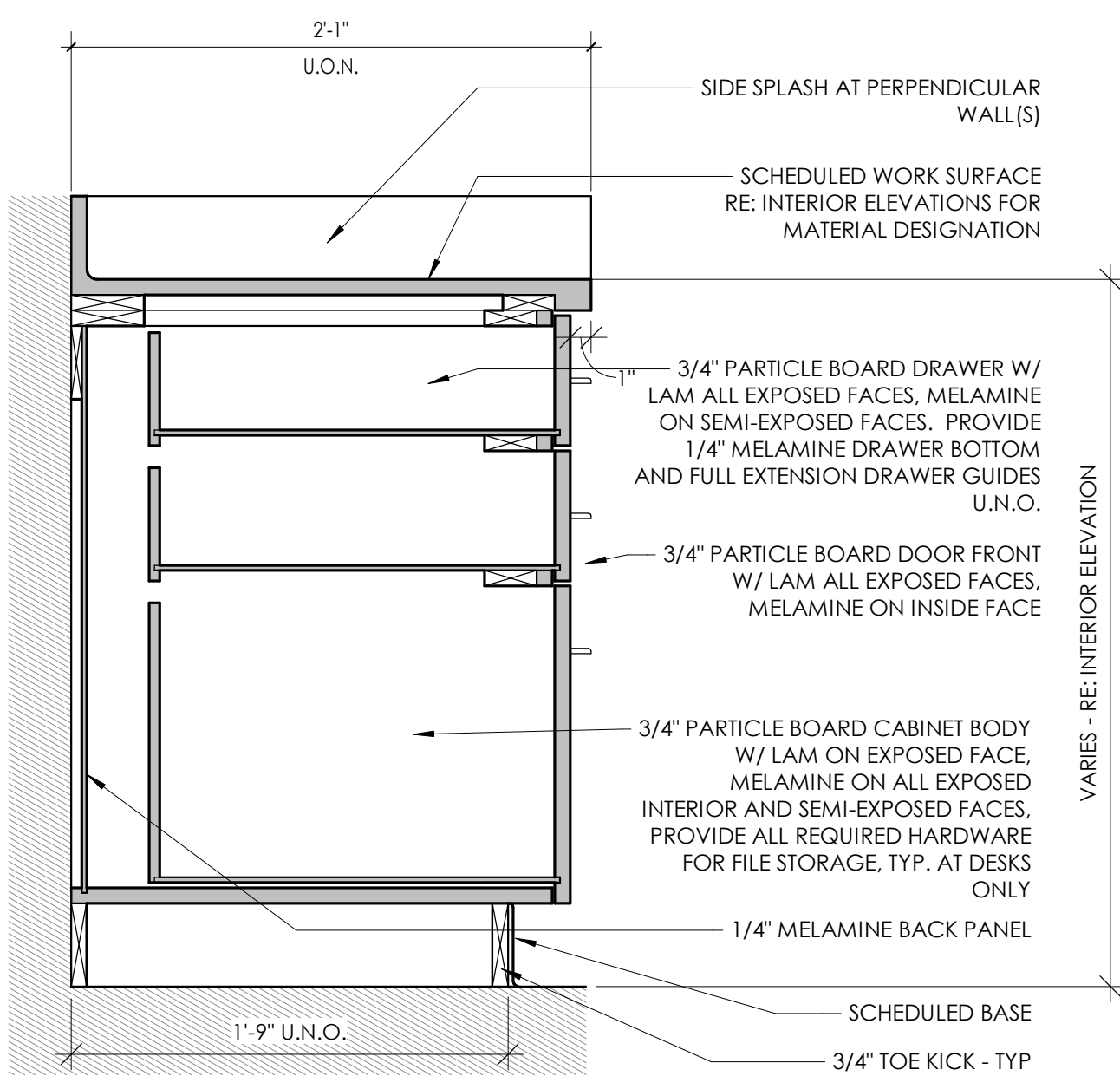
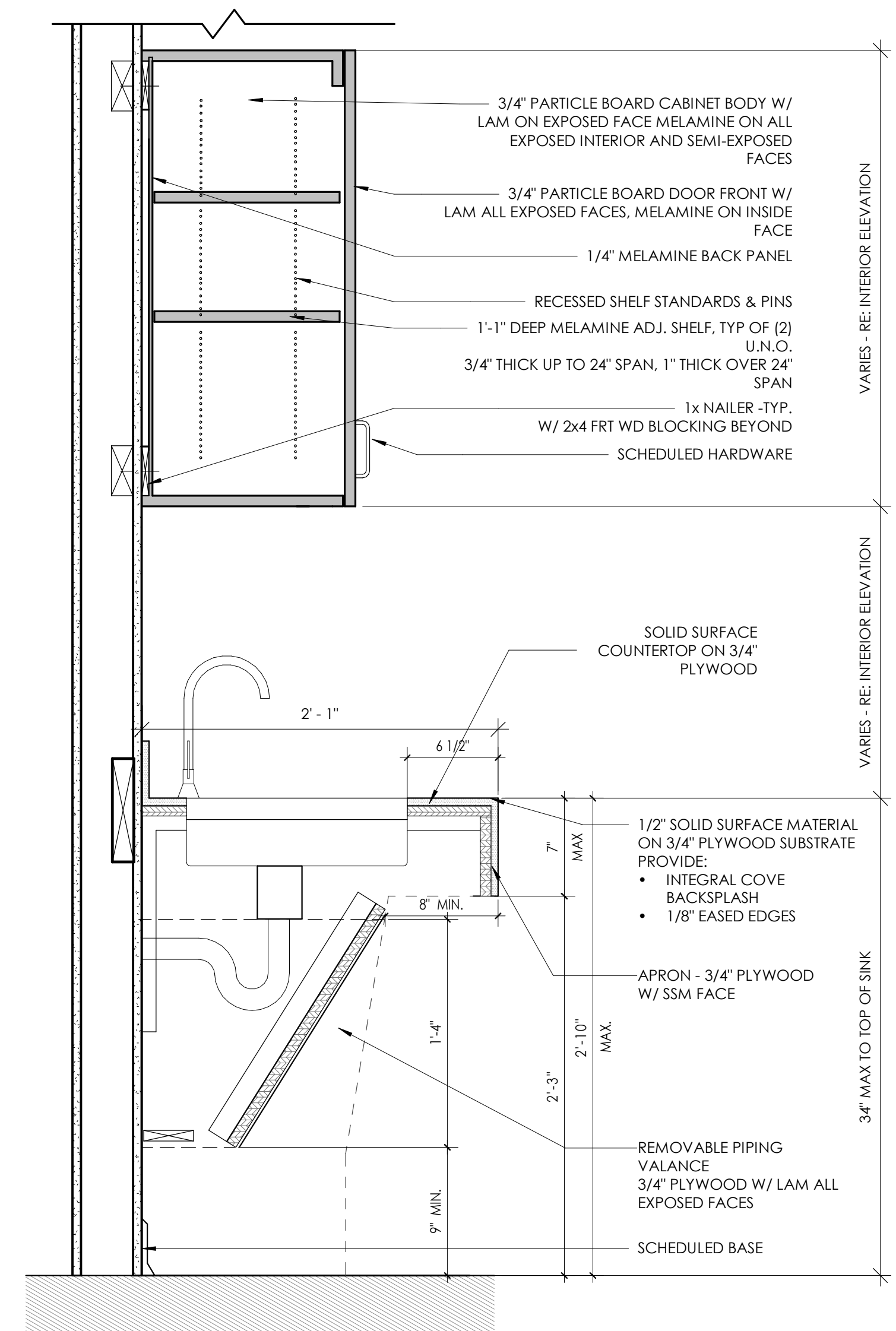
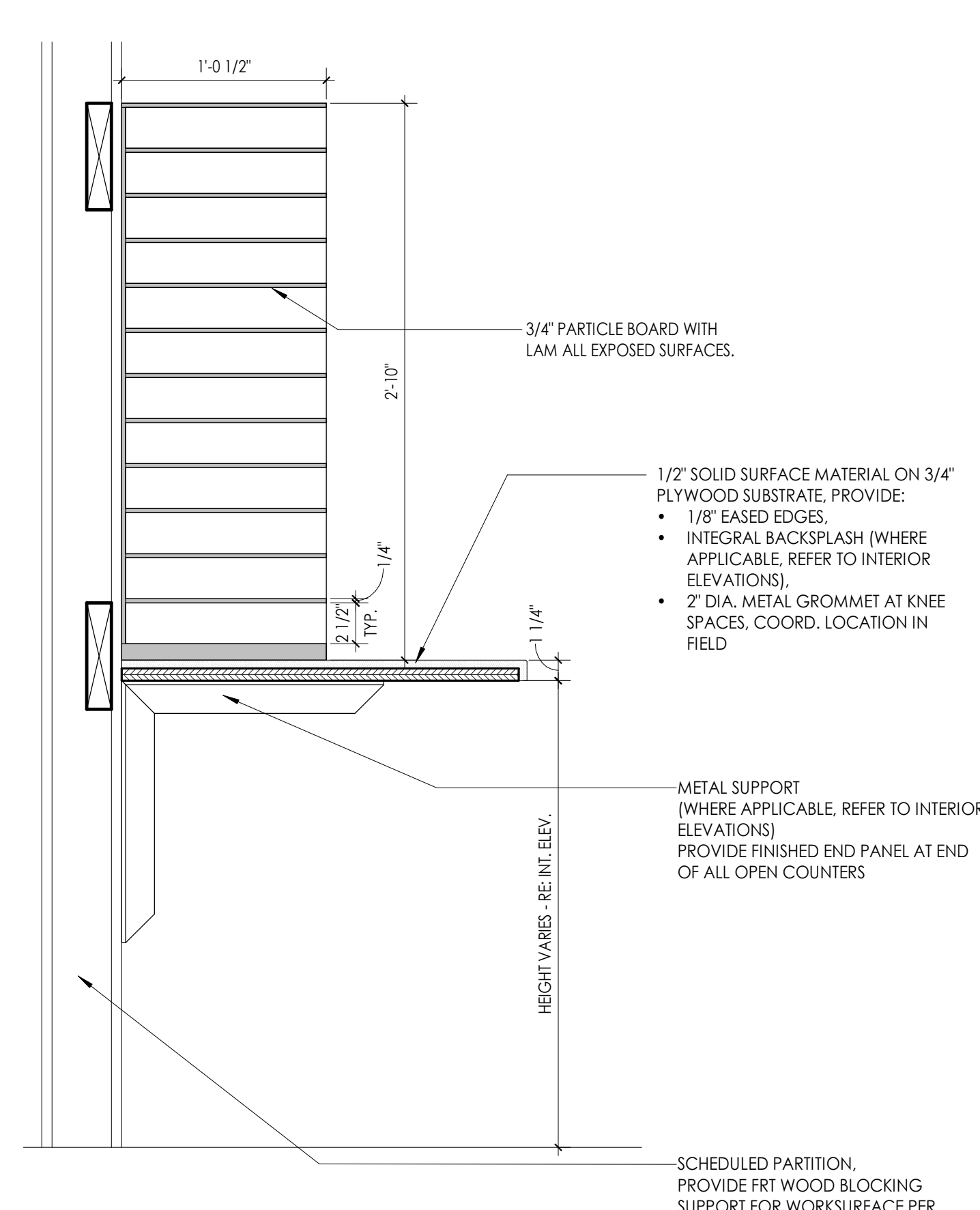
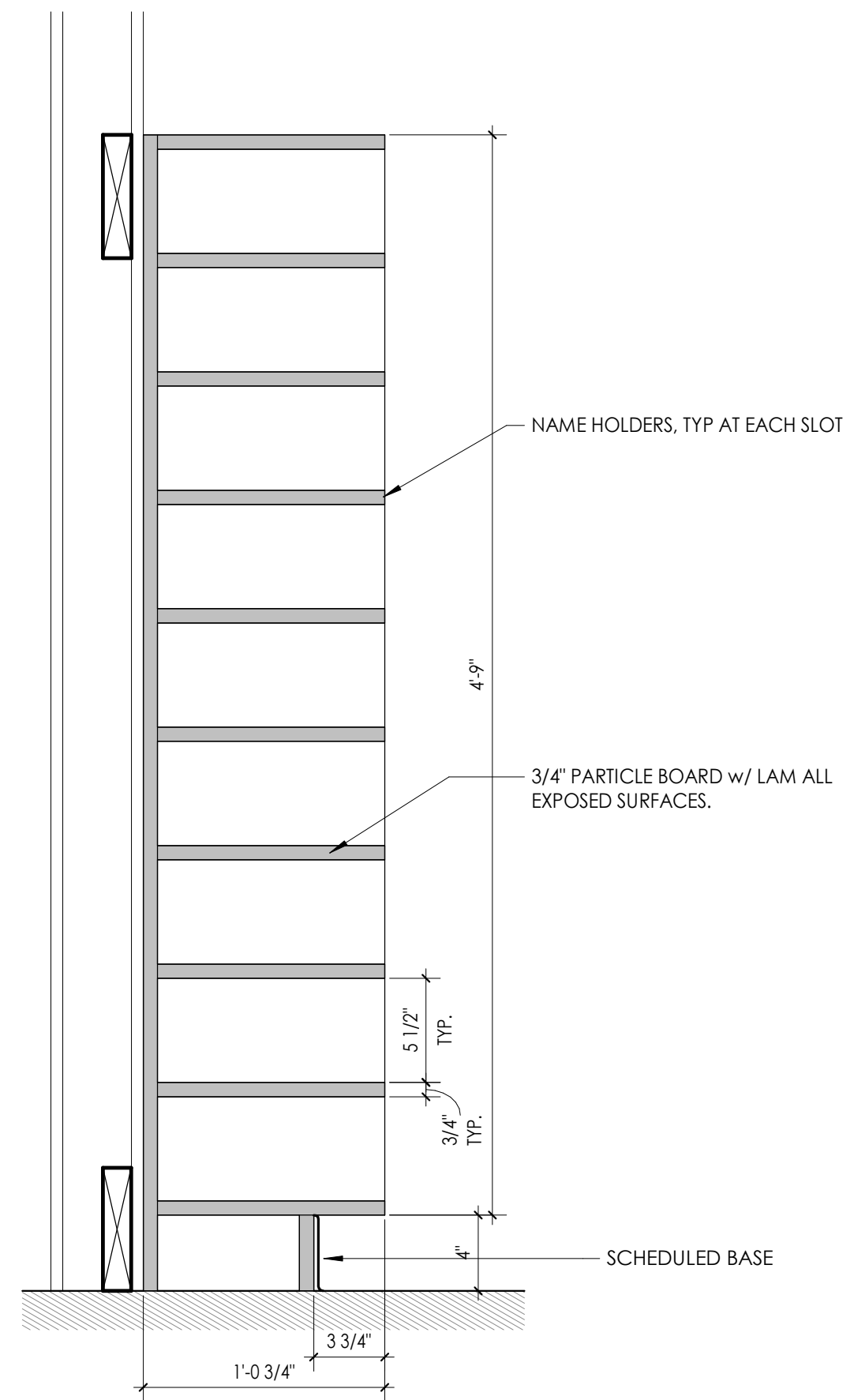
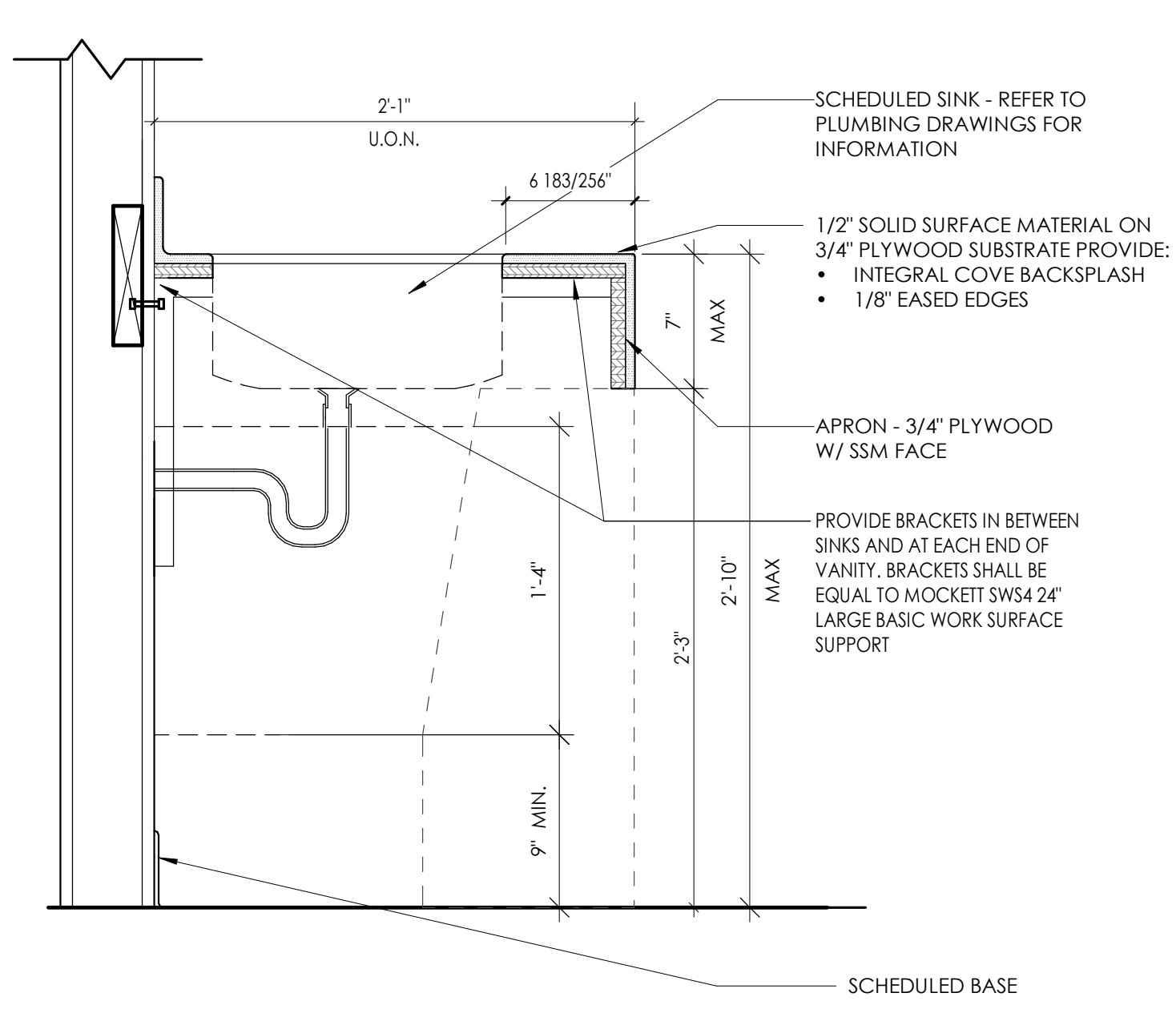
PROJECT INFORMATION

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

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

PROJECT ISSUE & REVISION SCHEDULE

Date: Description:

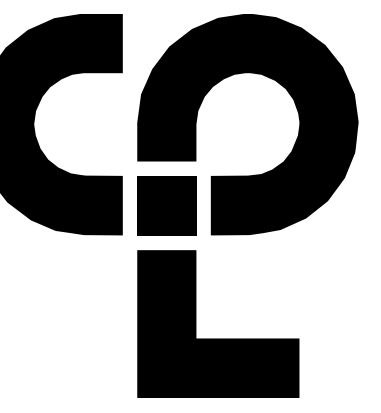


PROFESSIONAL STAMPS



SHEET INFORMATION

Name: 05/09/2024
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: NDS
Checked By: RI
Drawing Title: TYPICAL MILLWORK DETAILS
Scale: 1 1/2" = 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

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

PROFESSIONAL STAMPS



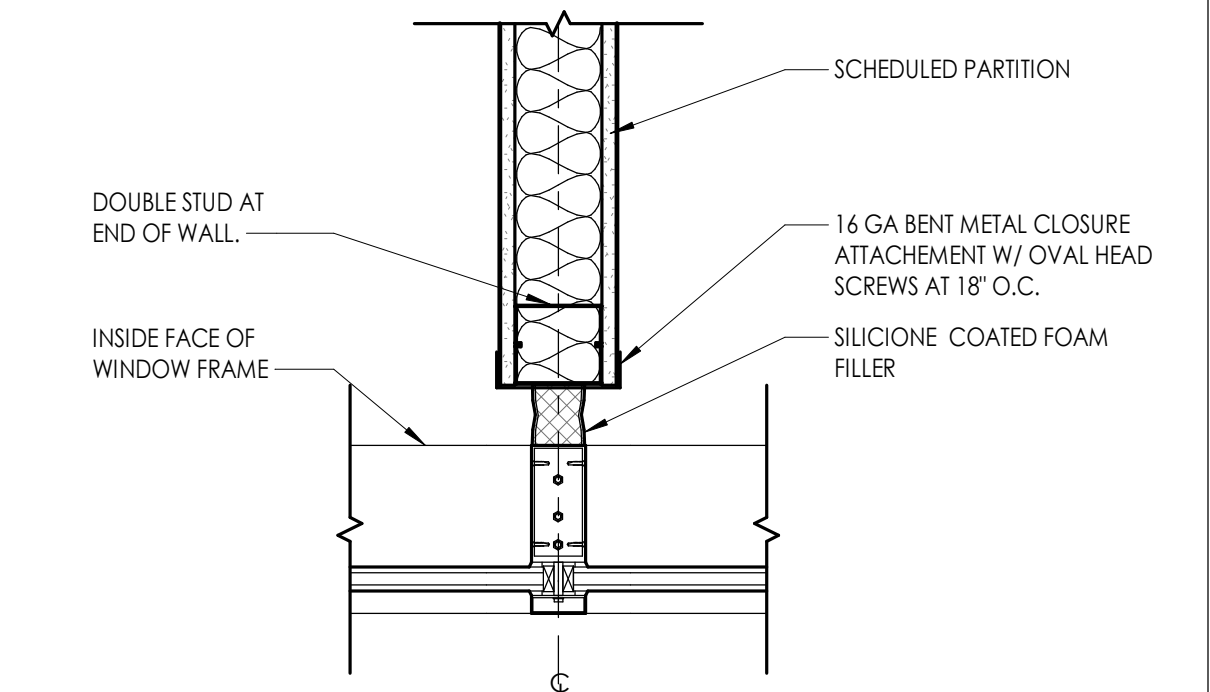
SHEET INFORMATION

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

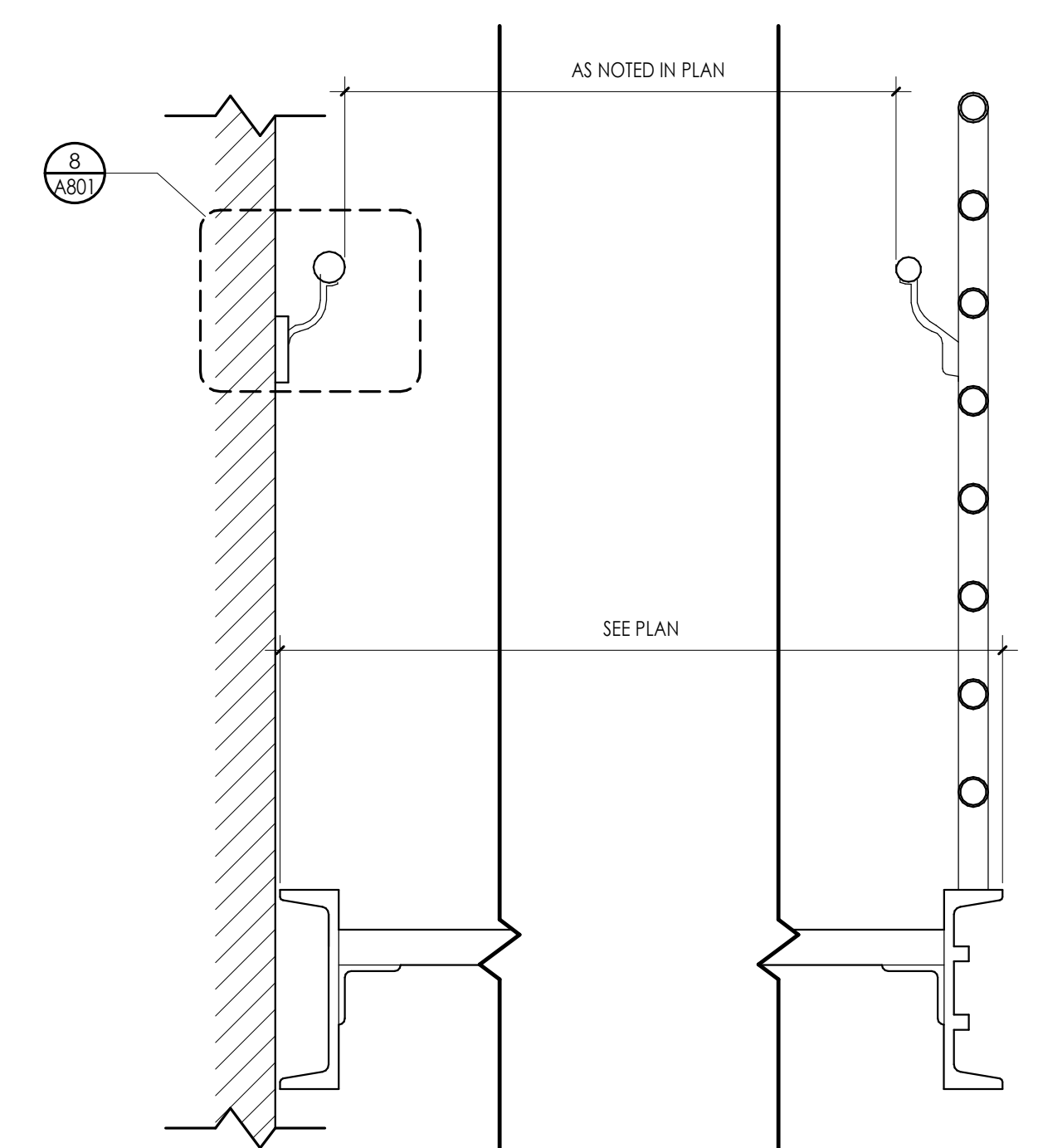
Drawing Number

A801

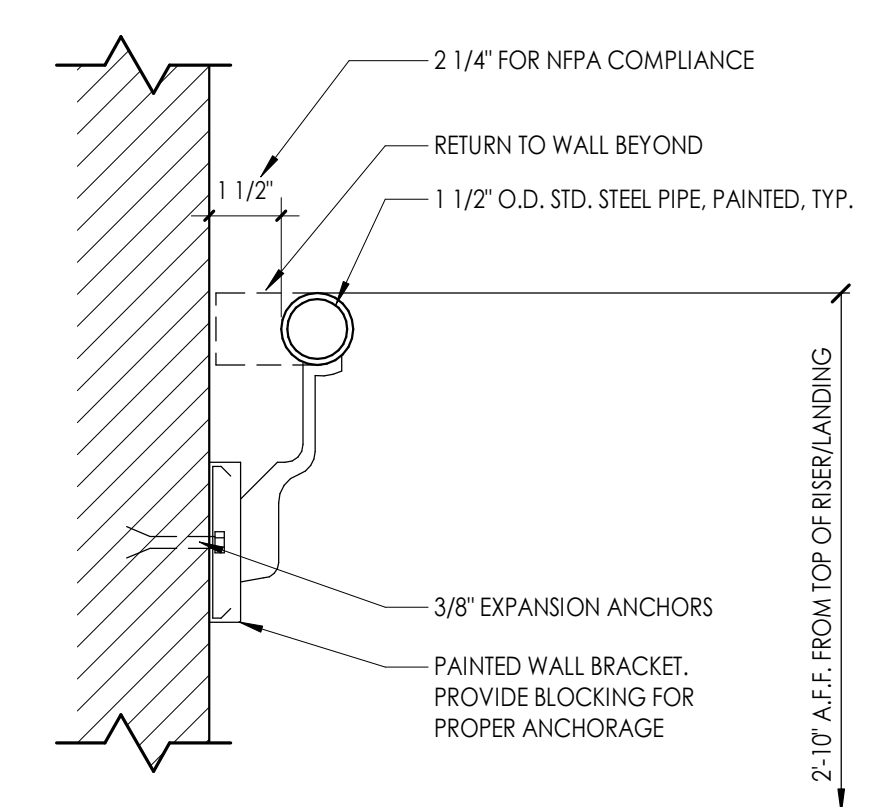
6 PARTITION CLOSURE AT CURTAINWALL TYP.
1 1/2" = 1'-0"



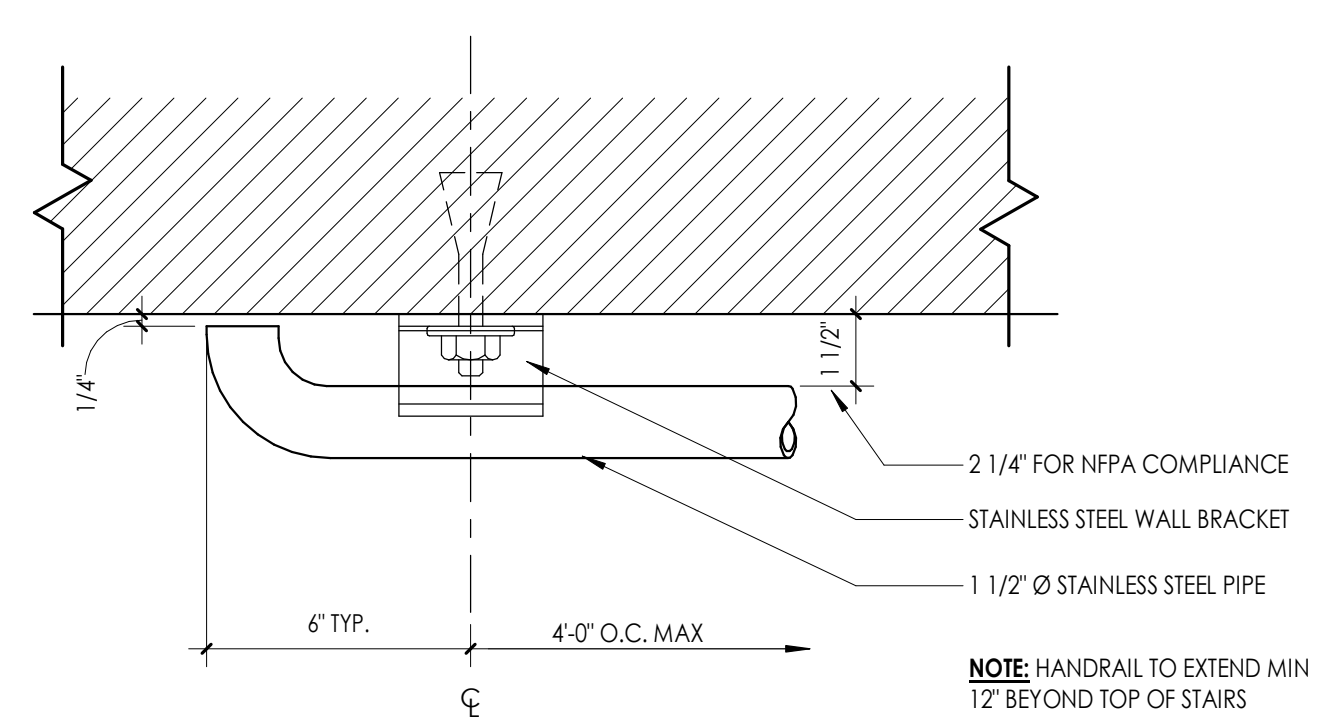
7 STAIR SECTION - HANDRAIL WALL MTD & PIPE GUARDRAIL (8 RAIL)
1 1/2" = 1'-0"



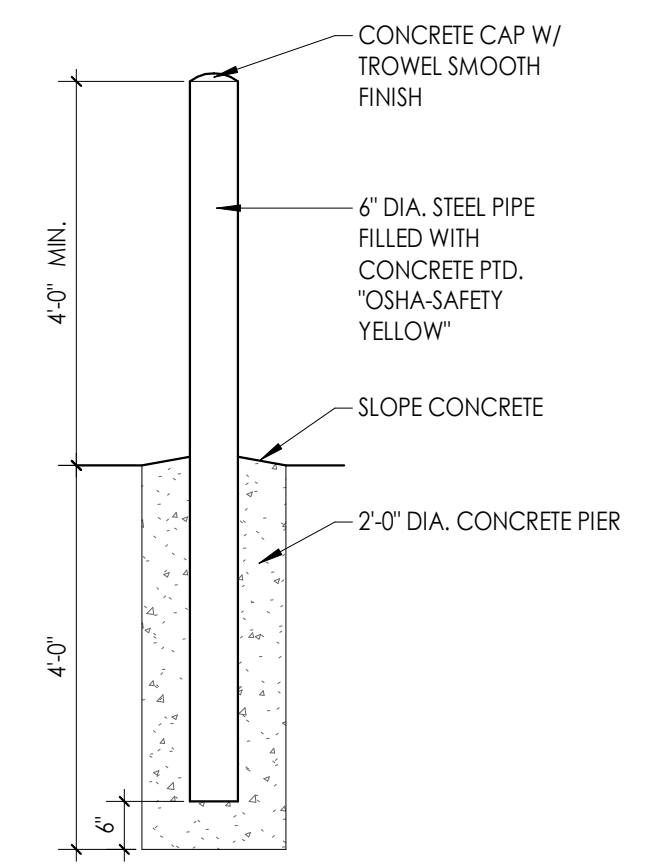
8 SECTION THRU HANDRAIL TERMINATION @ WALL
3" = 1'-0"



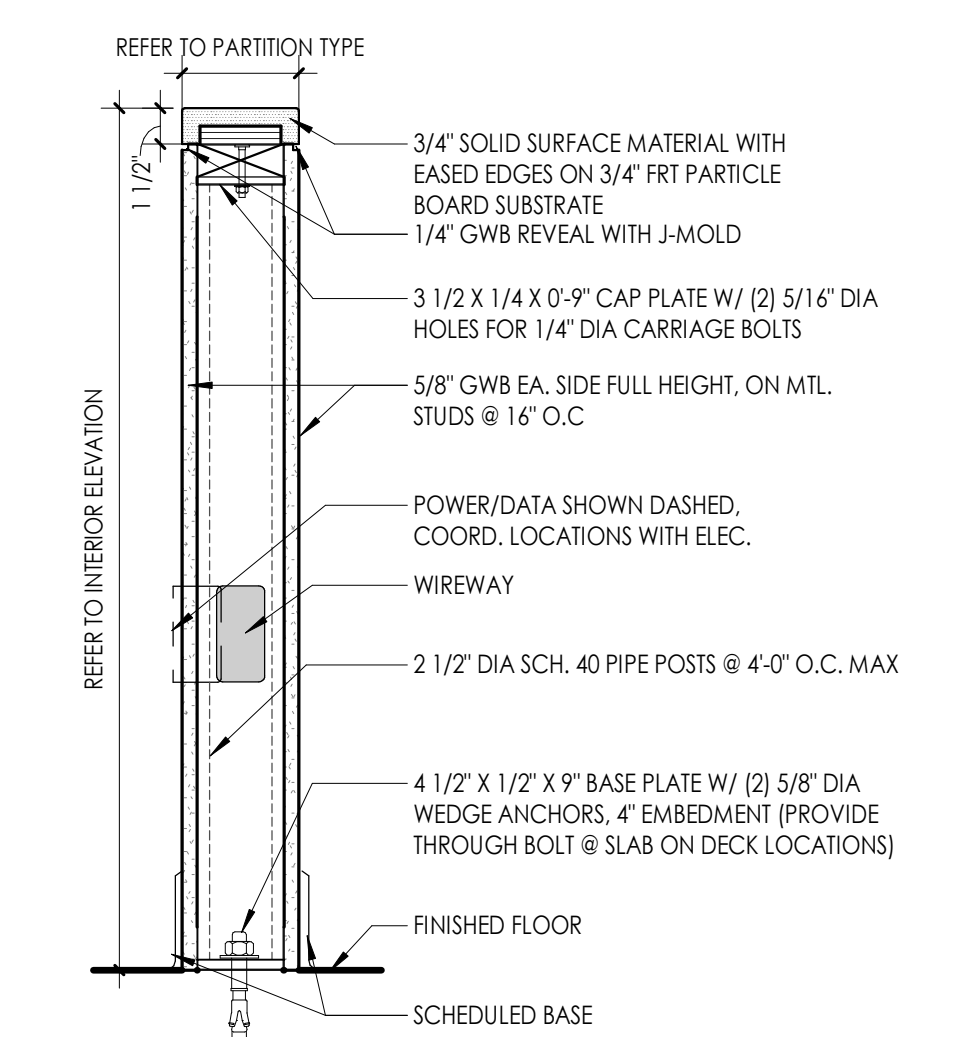
9 PLAN OF HANDRAIL TERMINATION @ WALL
3" = 1'-0"



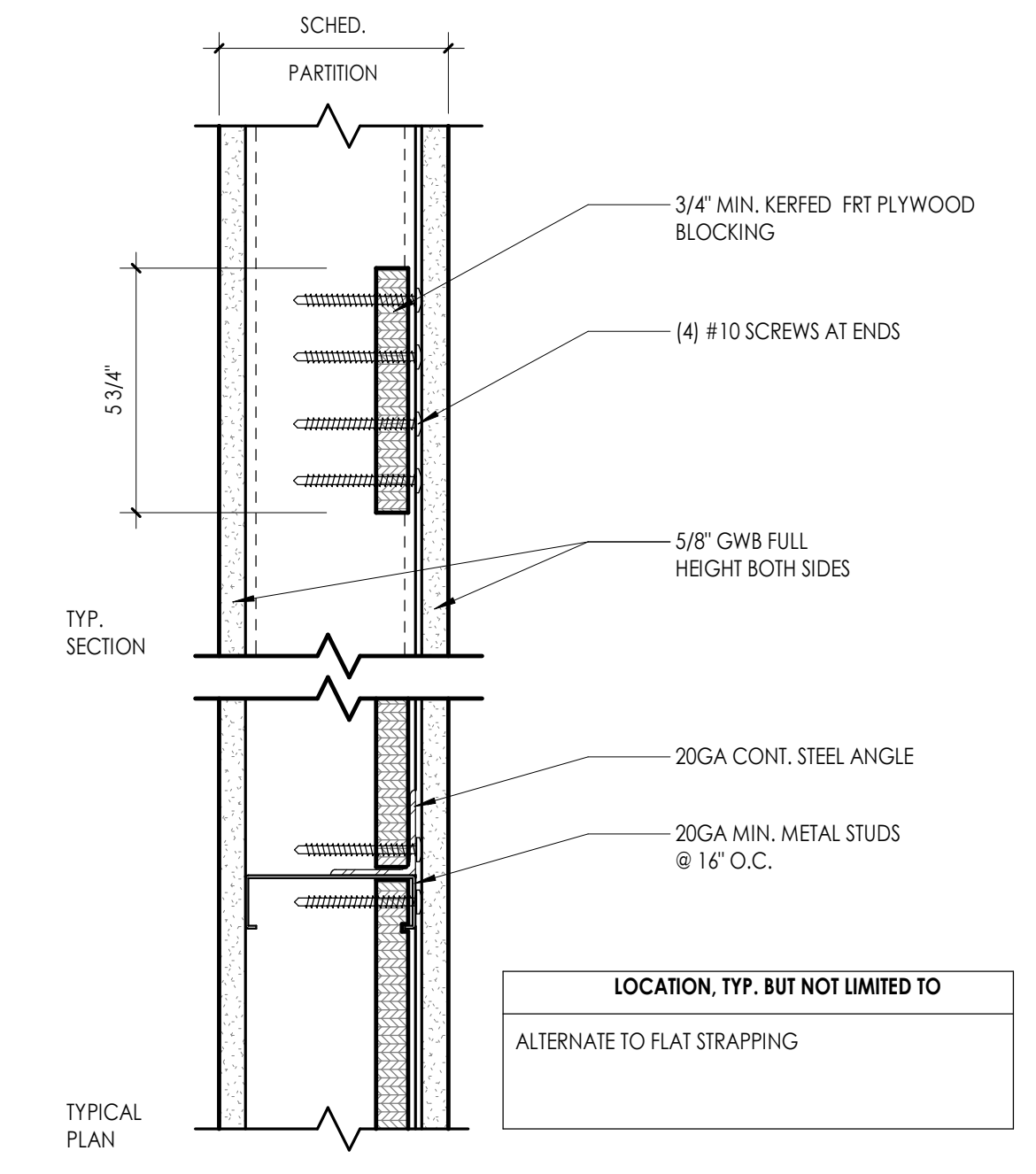
10 BOLLARD DETAIL
1 1/2" = 1'-0"



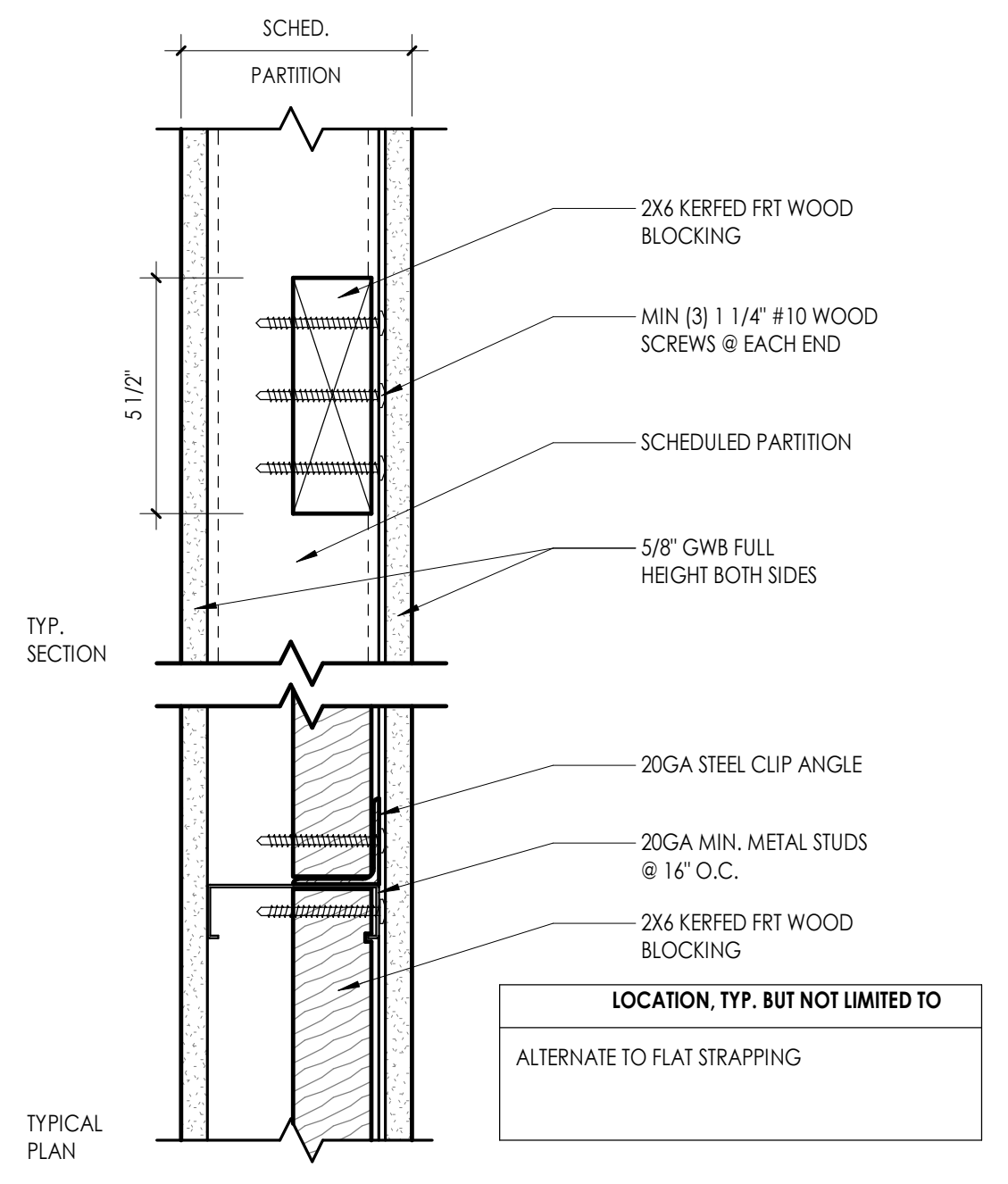
1 HALF WALL 3/4\" SSM CAP
1 1/2" = 1'-0"



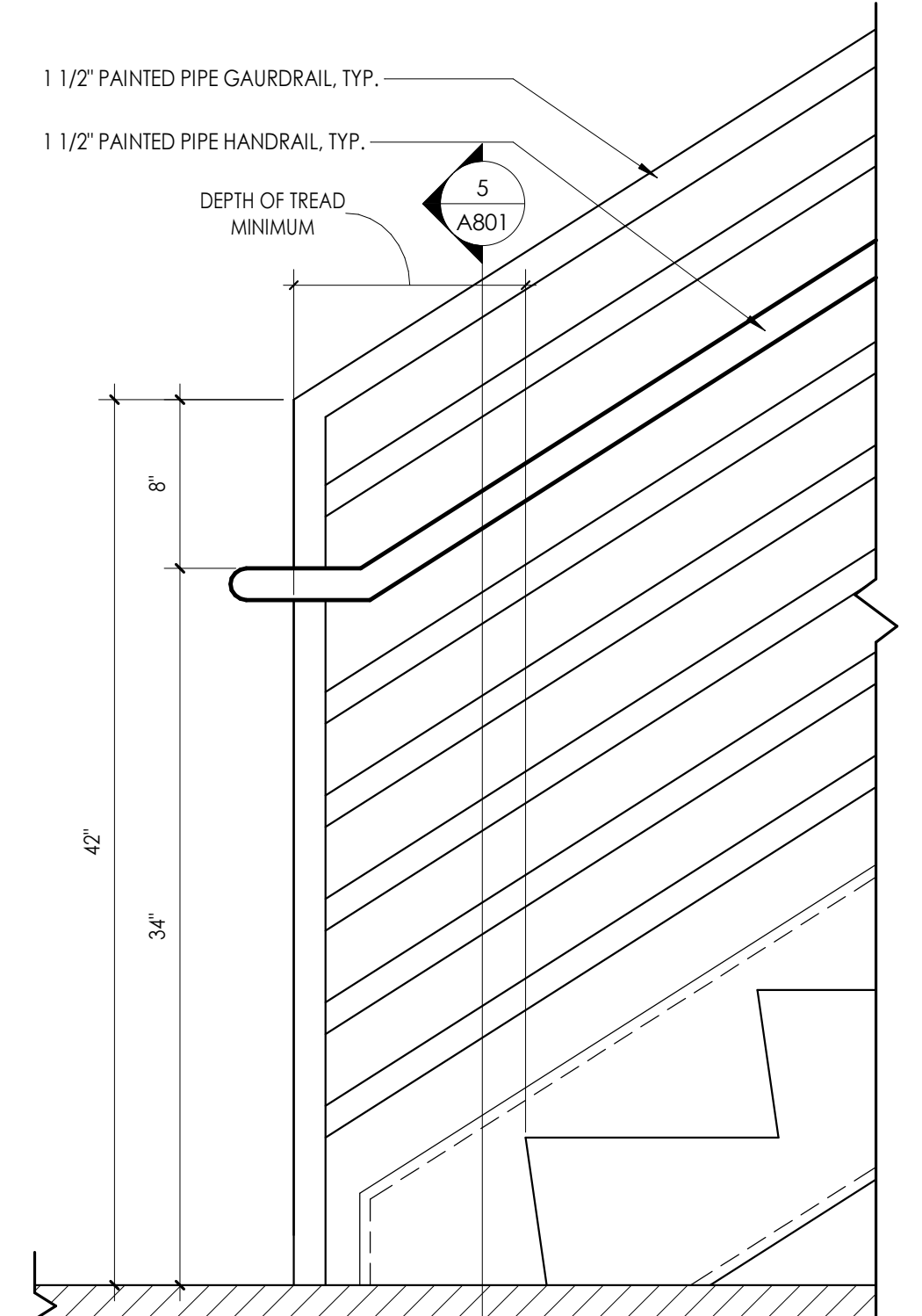
2 PLYWOOD BLOCKING - LOADS TO 75 LB
3" = 1'-0"



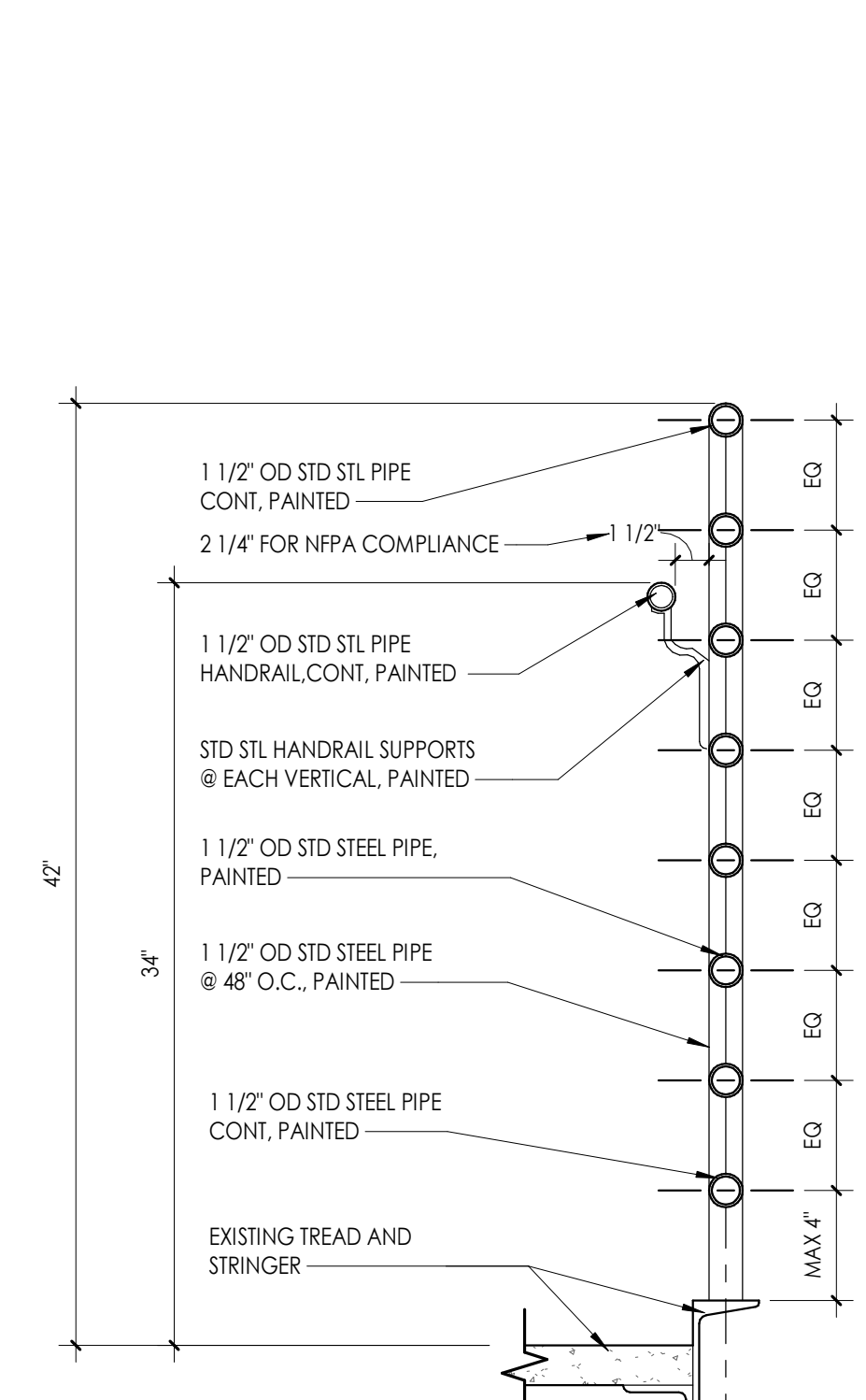
3 DIMENSIONAL WOOD BACKING - LOAD TO 75 LBS
3" = 1'-0"



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"

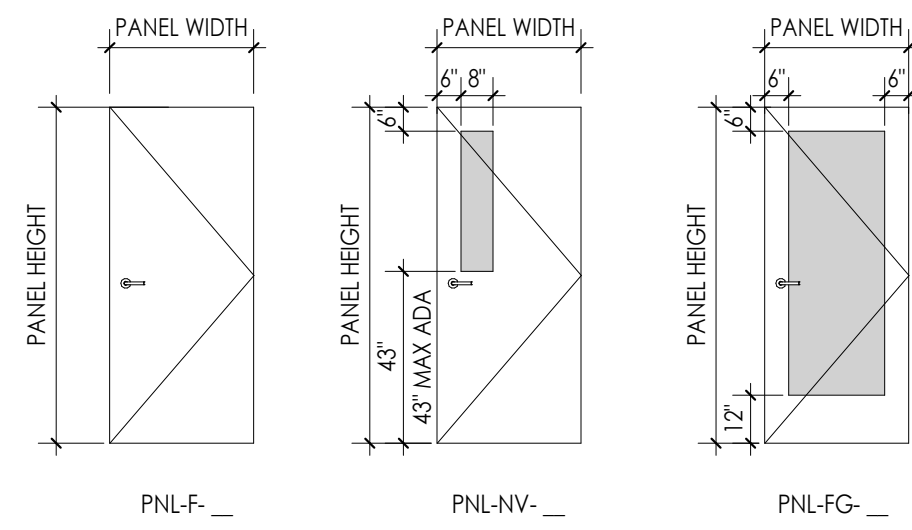


8/23/2024 10:33:56 AM s:\projects\locations\CD Design & Project Files\A801_300

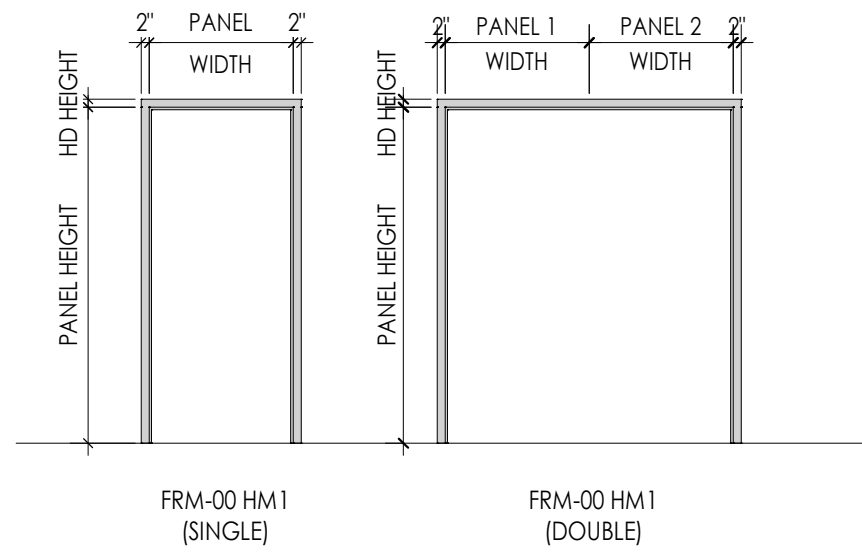
DOOR SCHEDULE- NEW

DOOR NUMBER	FIRE RATING (MIN)	DOOR PANELS		DOOR PANELS			DOOR PANELS		DOOR FINISHES		DOOR FRAME					COMMENTS	
		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	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	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-00HM	PAINT - RE INT	1/A900	2/A900	03A		

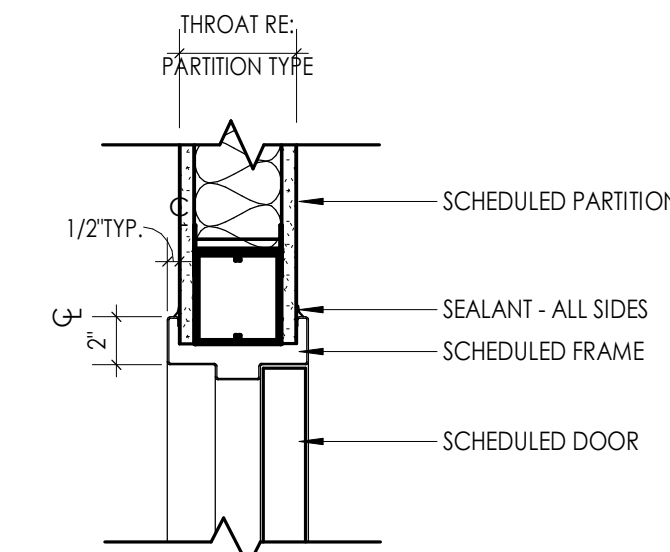
NOTE: SEE SPECIFICATIONS FOR HARDWARE REQUIREMENTS ON EXISTING DOORS TO REMAIN.



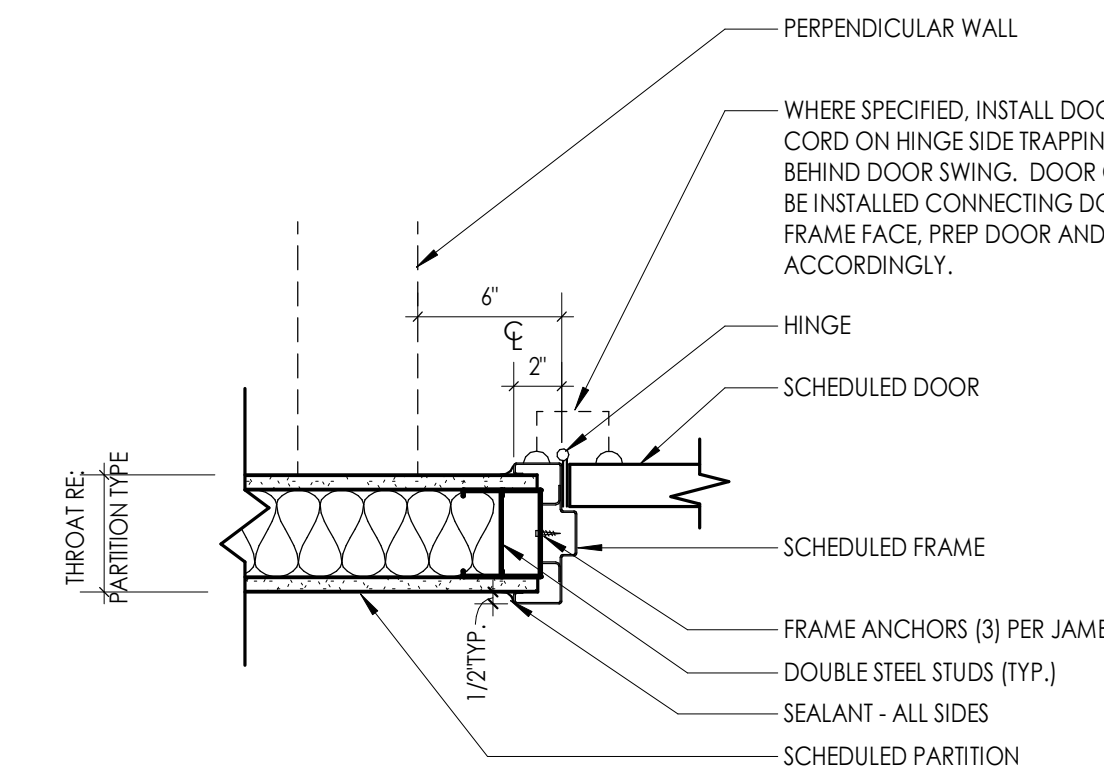
DOOR PANEL TYPES
1/4" = 1'-0"



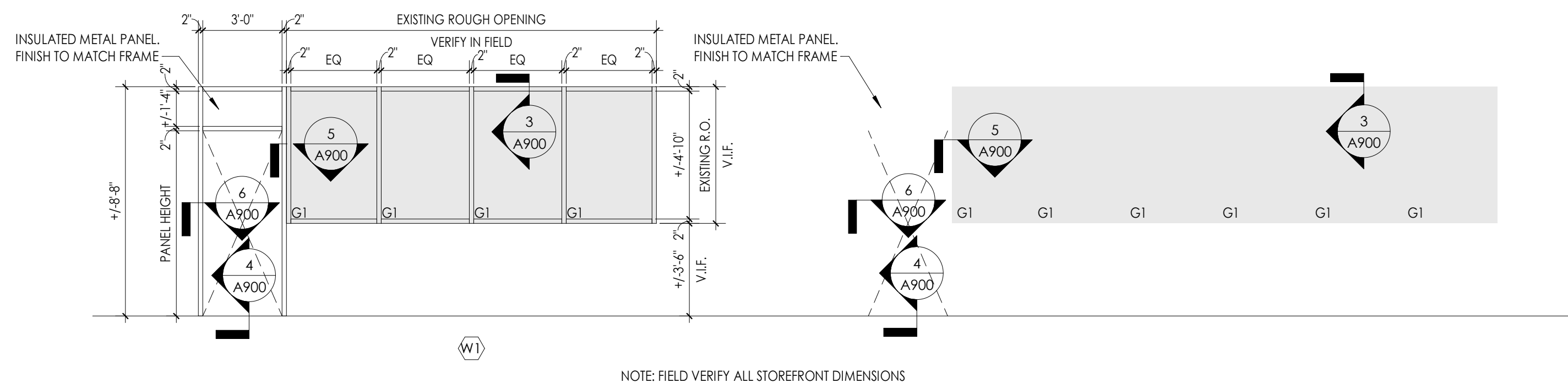
DOOR FRAME TYPES
1/4" = 1'-0"



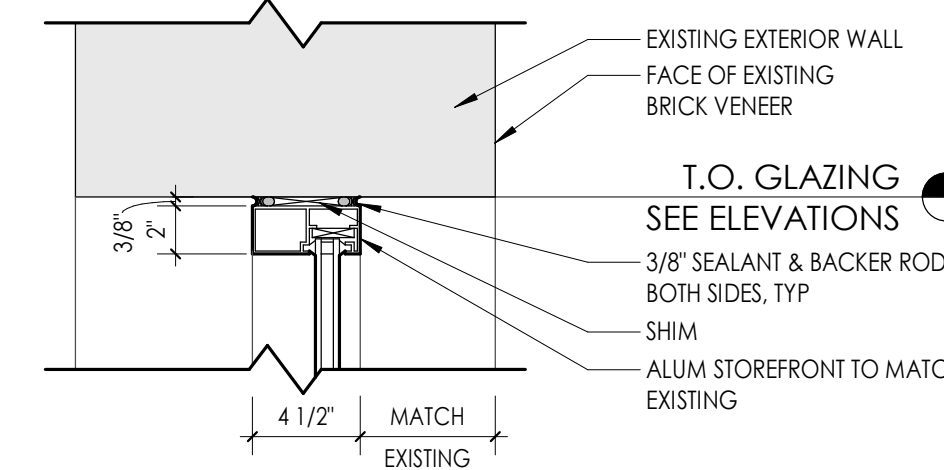
1 HM FRAME DOOR - HEAD DETAIL
1 1/2" = 1'-0"



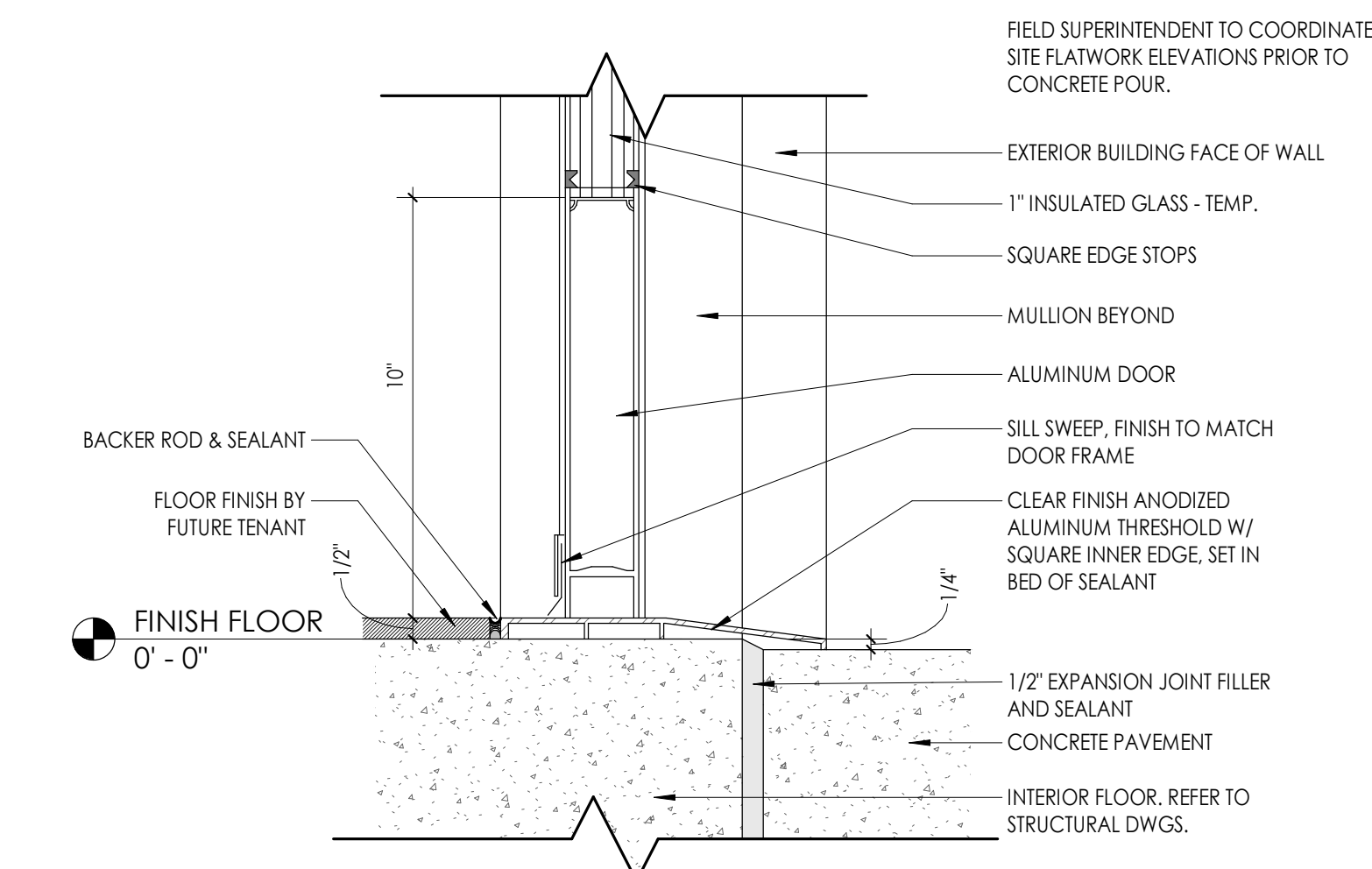
2 HM DOOR JAMB DETAIL
1 1/2" = 1'-0"



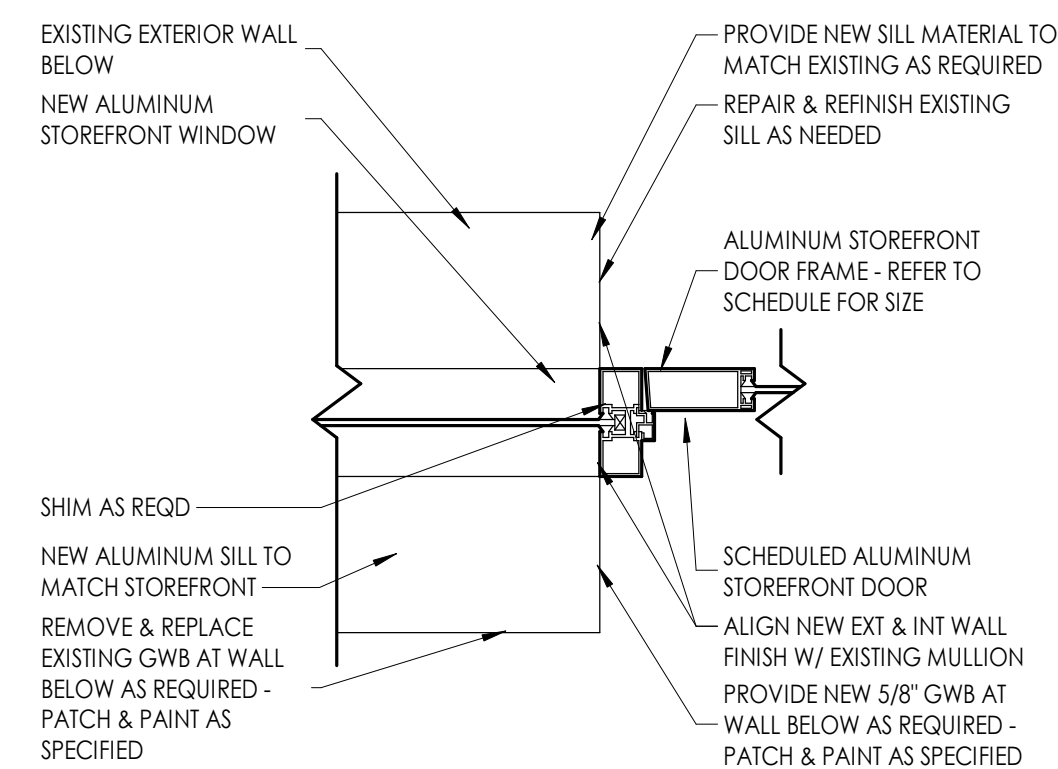
STORE FRONT TYPES
1/4" = 1'-0"



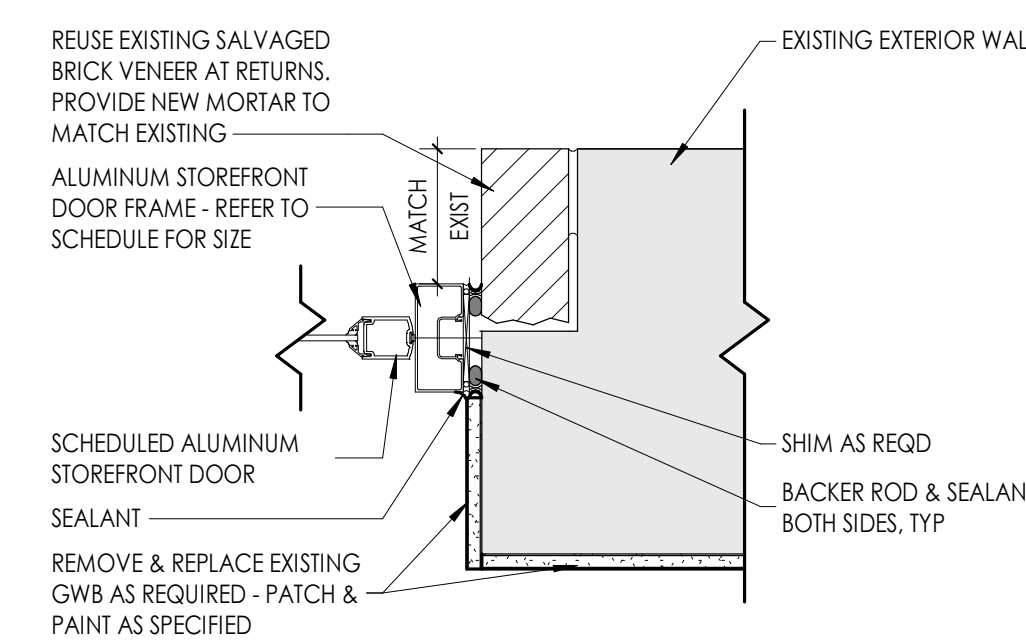
3 WINDOW HEAD DETAIL
1 1/2" = 1'-0"



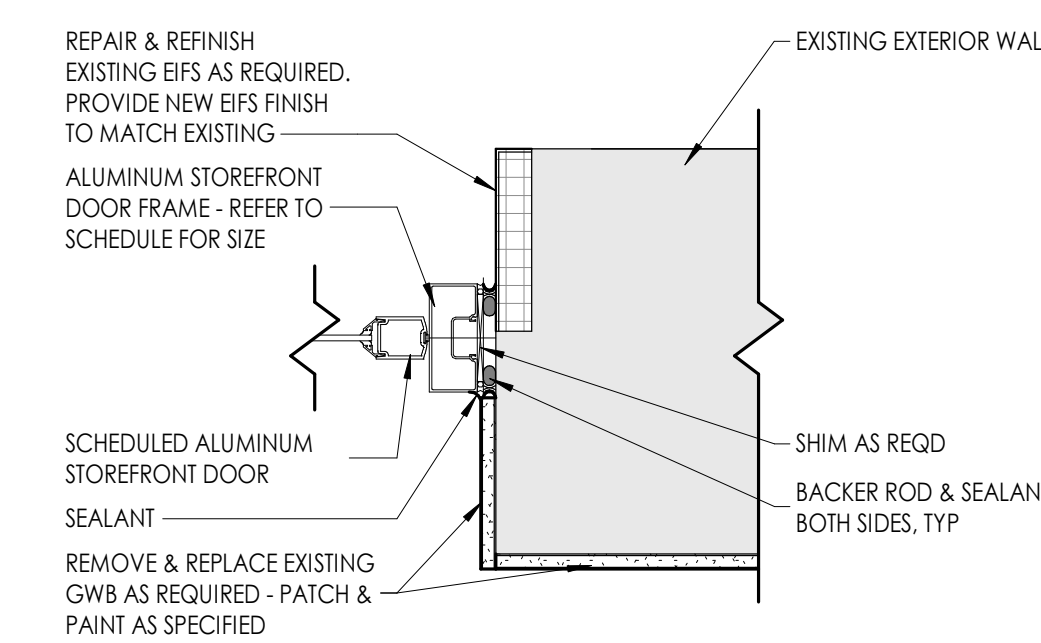
4 ALUMINUM STOREFRONT DOOR - SILL DETAIL
3" = 1'-0"



5 EXTERIOR ALUM. DOOR JAMB DETAIL @ EXIST SF MULLION
1 1/2" = 1'-0"



6 EXTERIOR ALUM. DOOR JAMB DETAIL @ BRICK
1 1/2" = 1'-0"



7 EXTERIOR ALUM. DOOR JAMB DETAIL @ EIFS
1 1/2" = 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.

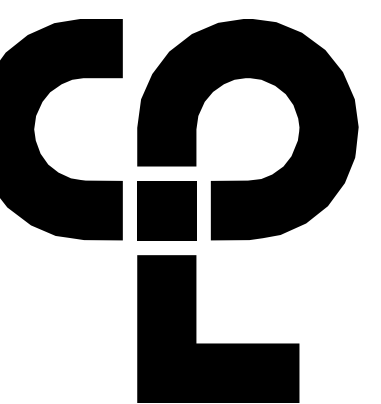
DOOR AND FRAME SCHEDULE LEGEND

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	D8	DARK BRONZE (ANODIZED)
HM	HOLLOW METAL	S8	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



CPL | Architecture Engineering Planning
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

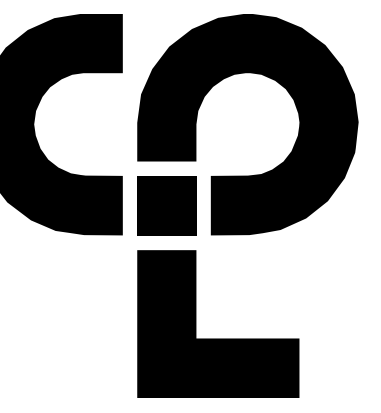
Rev: 2
Date: 08/12/2024
Description: AUGUST ROCK HILL COMMENTS

PROFESSIONAL STAMPS



SHEET INFORMATION

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



CPL | Architecture Engineering Planning
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

Rev	Date	Description
1	07/03/2024	JUNE ROCK HILL COMMENTS

PROFESSIONAL STAMPS



SHEET INFORMATION

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

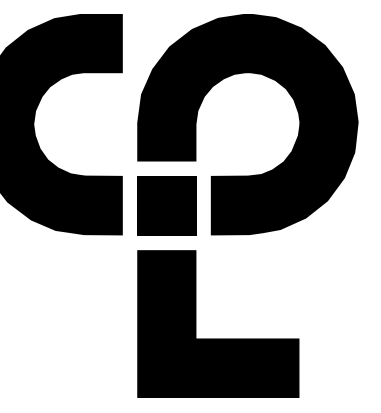
1000

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
EKF	EPOXY RESIN FLOOR	TR	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	VET	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	WRITABLE SURFACE
QB	QUARRY TILE BASE	WT	WINDOW TREATMENT
QT	QUARRY TILE		
QIZ	QUARTZ		

INTERIOR FINISH SCHEDULE							
FINISH CODE	MANUFACTURER	PATTERN/STYLE	COLOR	SIZE	SPECIFICATIONS	NOTES	CLASS RATING
ACOUSTICAL CEILING TILE (ACT)							
ACT-1	ARMSTRONG	ULTIMA 1911	WHITE	24" X 24"	ARMSTRONG PRELUDE XL 15/16" GRID SYSTEM.		CLASS A
CARPET (CPT)							
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	SAILOR 9234	24" X 24"	INSTALL USING BRICK INSTALLATION METHOD.		ASTM E648 CLASS 1
CORNER GUARD (CG)							
CG-1	INPRO	TAPE ON CORNER GUARD	TAUPE	6" X 1.5"			CLASS A
CG-2	INPRO	TAPE ON CORNER GUARD	TAUPE	4" X 1.5"			CLASS A
EPOXY GROUT (EGT)							
EGT-1	CUSTOM BUILDING PRODUCTS	CEG-IG EPOXY GROUT	GRAYSTONE				NOT APPLICABLE
EPOXY PAINT (EPT)							
EPT-1	SHERWIN WILLIAMS	SW 7007	CEILING BRIGHT WHITE			BATHROOM CEILING	CLASS A
FIBER REINFORCED PANEL (FRP)							
FRP-1	PANOLAM	EMBOSSED	WHITE				ASTM E84 CLASS A
LUXURY VINYL TILE (LVT)							
LVT-1	TARKETT	ID LATITUDE WOOD	ENGLISH WALNUT	3" X 48"			ASTM E648 CLASS 1
PAINT (PT)							
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
PLASTIC LAMINATE (LAM)							
LAM-1	WILSONART		FAWN CYPRESS			TYP: LAM	NOT APPLICABLE
LAM-2	WILSONART		BRITANNY BLUE			BREAKROOM LAM	NOT APPLICABLE
RESILIENT BASE (RB)							
RB-1	JOHNSONITE	MILLWORK BASE AMBASSADOR	MOONROCK	4"			ASTM E648 CLASS 1
RB-2	JOHNSONITE	TRADITIONAL BASE	MOONROCK	4"			ASTM E648 CLASS 1
RESILIENT SHEET (RS)							
RS-1	TARKETT SPORT FLOORING	DROPTONE IMPACT	DARK GRAY	24" X 24"			ASTM E648 CLASS 1
SOLID SURFACE MATERIAL (SSM)							
SSM-1	CORIAN		ASH CONCRETE				NOT APPLICABLE
SSM-2	CORIAN		EXCAVAGE				NOT APPLICABLE
TILE (T)							
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	DALTILE	MYTHOLOGY	TITAN	4" X 12"		ACCENT TILE	ASTM E84 CLASS A
TRANSITION (TS)							
TS-1	TARKETT	SLIM 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
WALK OFF CARPET (WOC)							
WOC-1	SHAW CONTRACT	STEPPIN' OUT BON JOUR II STUCCO	NAVY 3148S	24" X 24"	INSTALL USING QUARTER TURN INSTALLATION METHOD.		ASTM E648 CLASS 1
WINDOW TREATMENT (WT)							
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



CPL | Architecture Engineering Planning
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: CPL Checked By: CPL
Drawing Title: FLOOR FINISH PLAN LEVEL 1
Drawing Number:

FINISH PLAN GENERAL NOTES

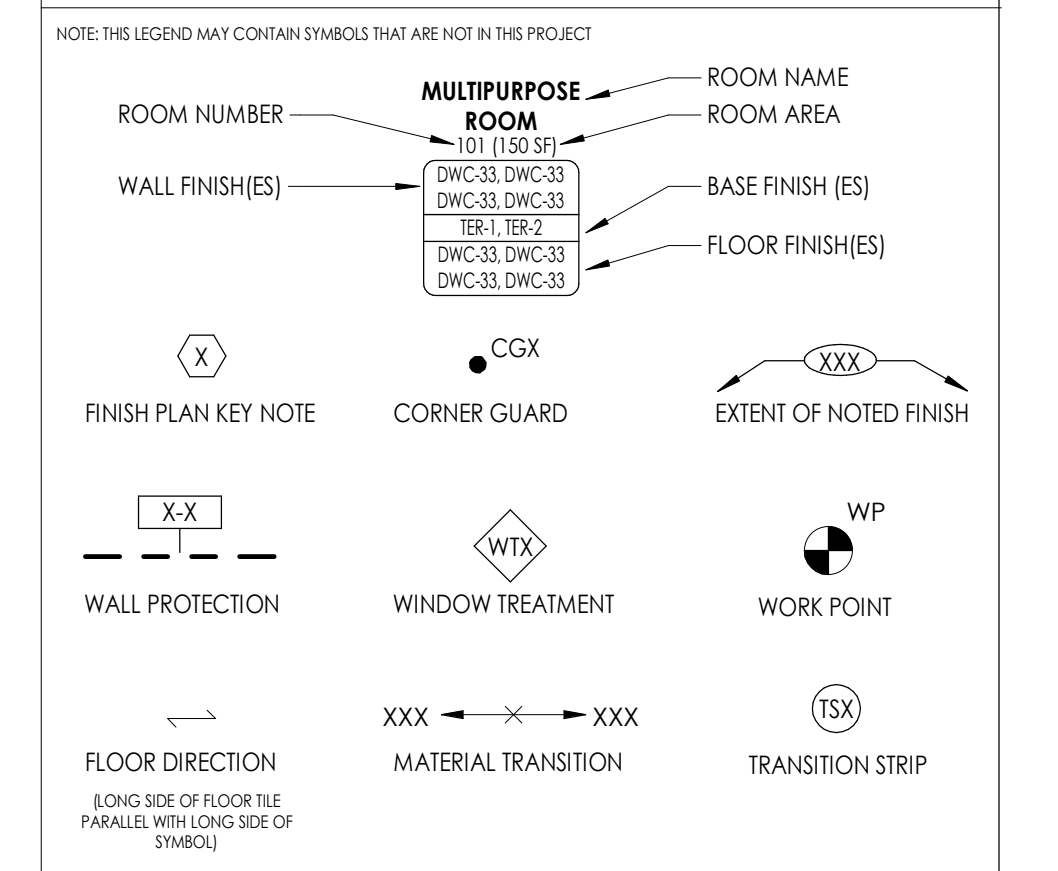
- ALL NEW AND EXISTING HOLLOW METAL DOORS, DOOR FRAMES AND WINDOW FRAMES IN PROJECT SCOPE SHALL BE PAINTED (PT-1), UNLESS NOTED OTHERWISE. ALL LOUVERS, VENTS, GRILLES AND OTHER MISCELLANEOUS MECHANICAL AND ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH THE SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE.
- 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

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

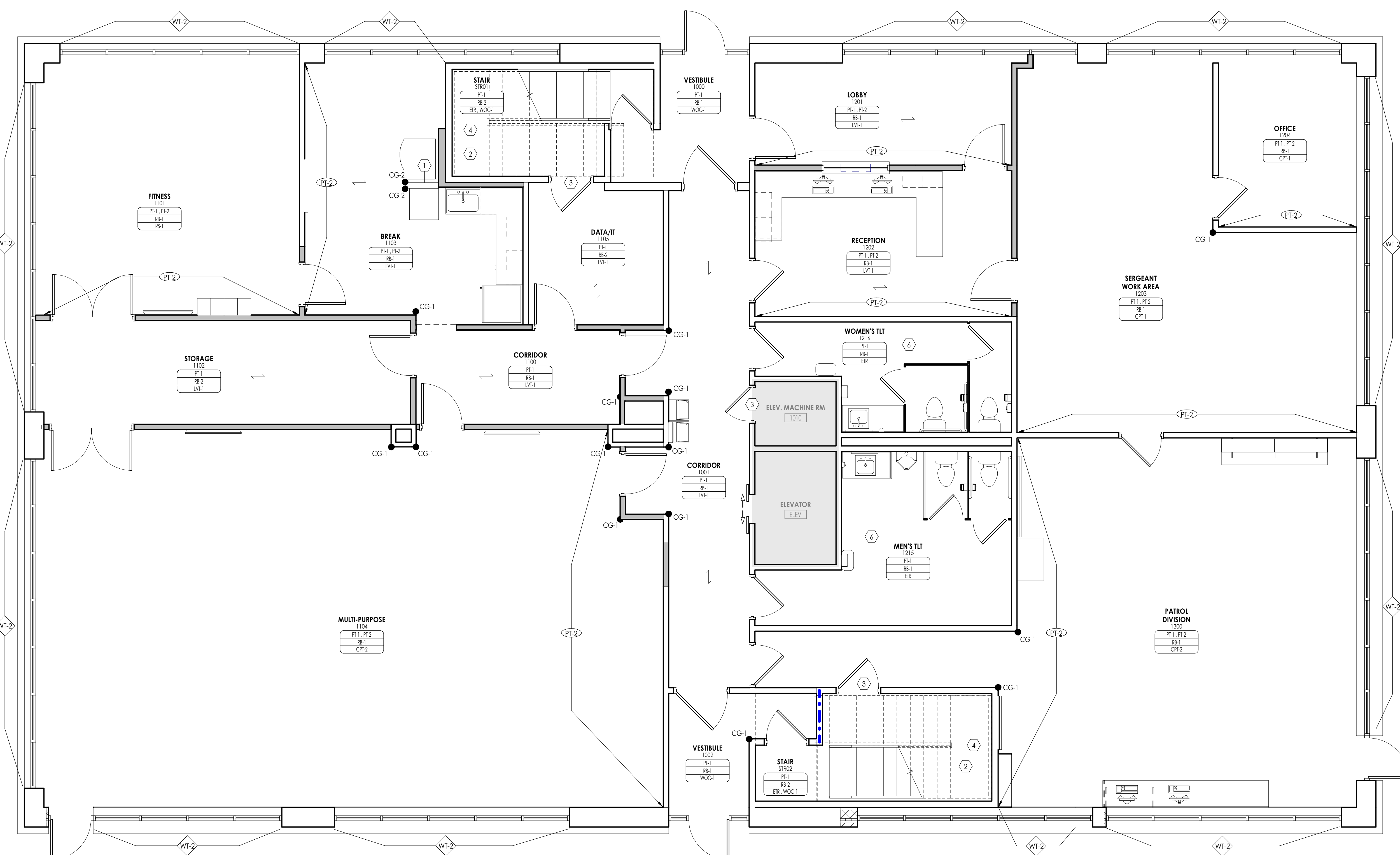
ACT	ACOUSTICAL CEILING TILE	RB	RESILIENT BASE
AGL	ART GLASS	RP	RESIN PANEL
AWP	ACOUSTICAL WALL PANEL	RS	RESILIENT SHEET
CC	CUBICLE CURTAIN	RST	RESILIENT STAIR TREAD
CG	CORNER GUARD	RT	RESILIENT TILE
CHR	CHAIR RAIL	SC	SPECIALTY CEILING
CPT	CARPET	SCON	SEALED CONCRETE
CR	CHAIR RAIL	SN	STAIR NOSING & RISER
DG	DIGITAL GRAPHIC	SSM	SOLID SURFACE MATERIAL
DS	DIVIDER STRIP	ST	STONE VENER
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	TERAZZO
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		
QZT	QUARTZ		

FINISH PLAN SYMBOLS LEGEND



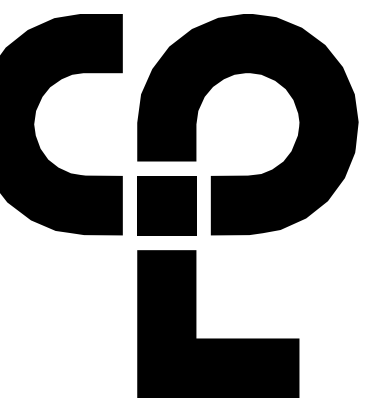
FINISH PLAN KEY NOTES

- 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.



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

8/23/2024 10:33:59 AM c:\project\locations\CD Design & Project Files\01\1100



FINISH PLAN GENERAL NOTES

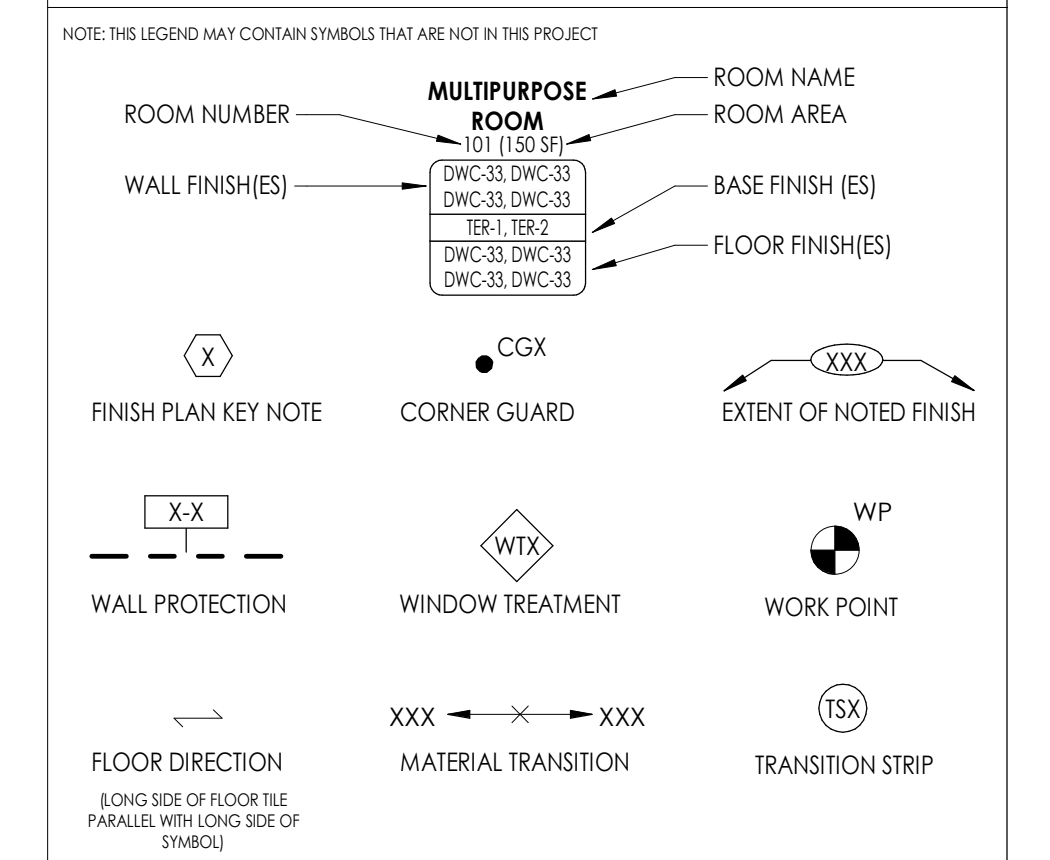
1. ALL NEW AND EXISTING HOLLOW METAL DOORS, DOOR FRAMES AND WINDOW FRAMES IN PROJECT SCOPE SHALL BE PAINTED (PT-4), UNLESS NOTED OTHERWISE. ALL LOUVERS, VENTS, GRILLES AND OTHER MISCELLANEOUS MECHANICAL AND ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH THE SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE.
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

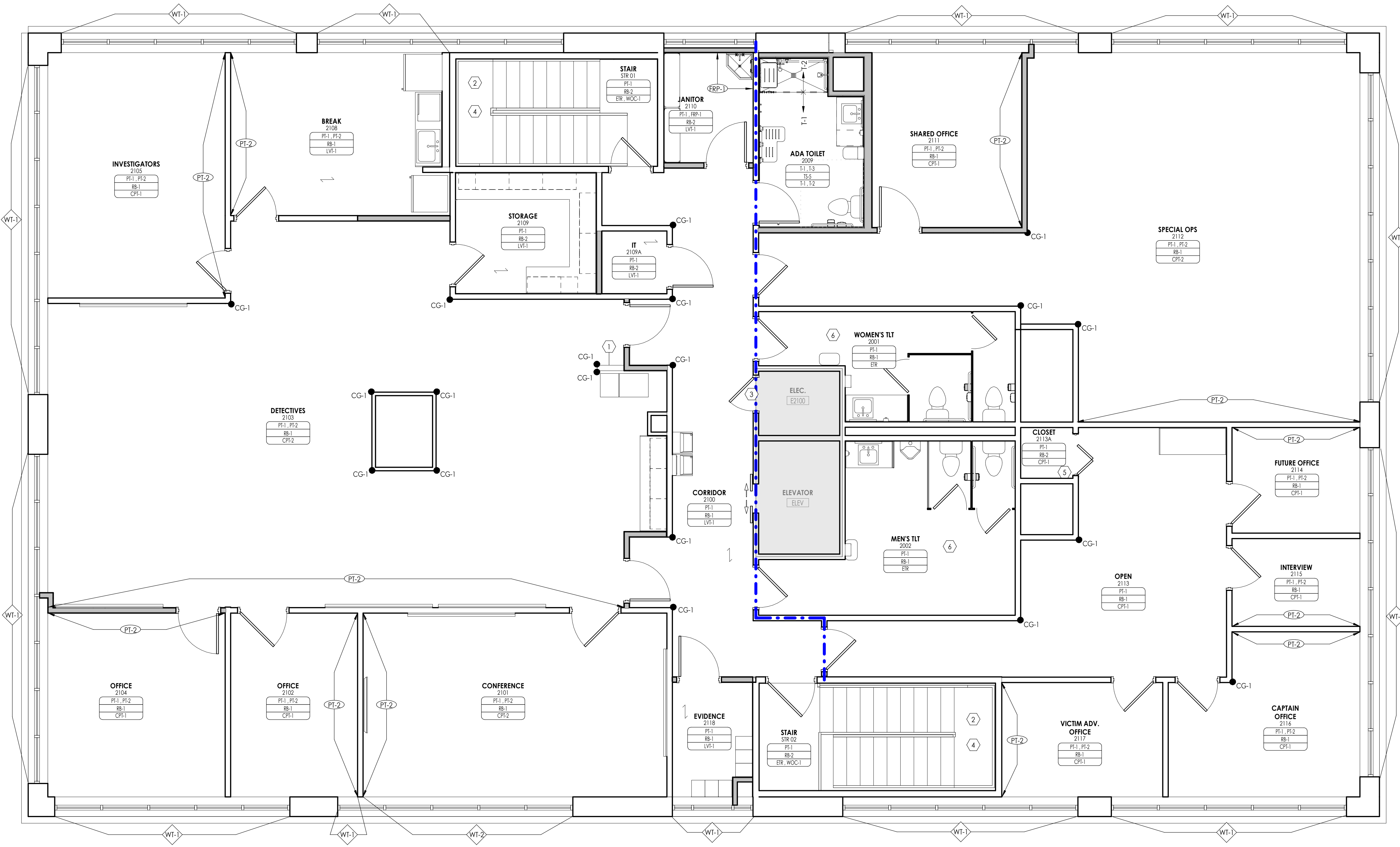
ACT	ACOUSTICAL CEILING TILE	RB	RESILIENT BASE
AGL	ART GLASS	RP	RESIN PANEL
AWP	ACOUSTICAL WALL PANEL	RS	RESILIENT SHEET
CC	CUBICLE CURTAIN	RST	RESILIENT STAIR TREAD
CG	CORNER GUARD	RT	RESILIENT TILE
CHR	CHAIR RAIL	SC	SPECIALTY CEILING
CPT	CARPET	SCON	SEALED CONCRETE
CR	CRASH RAIL	SN	STAIR NOSING & RISER
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	VER	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
PIM	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

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.



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

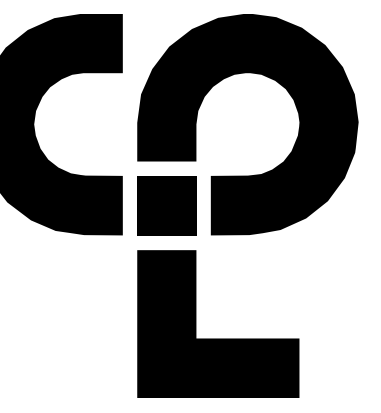
Issue No.	Date	Description

PROFESSIONAL STAMPS



SHEET INFORMATION

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

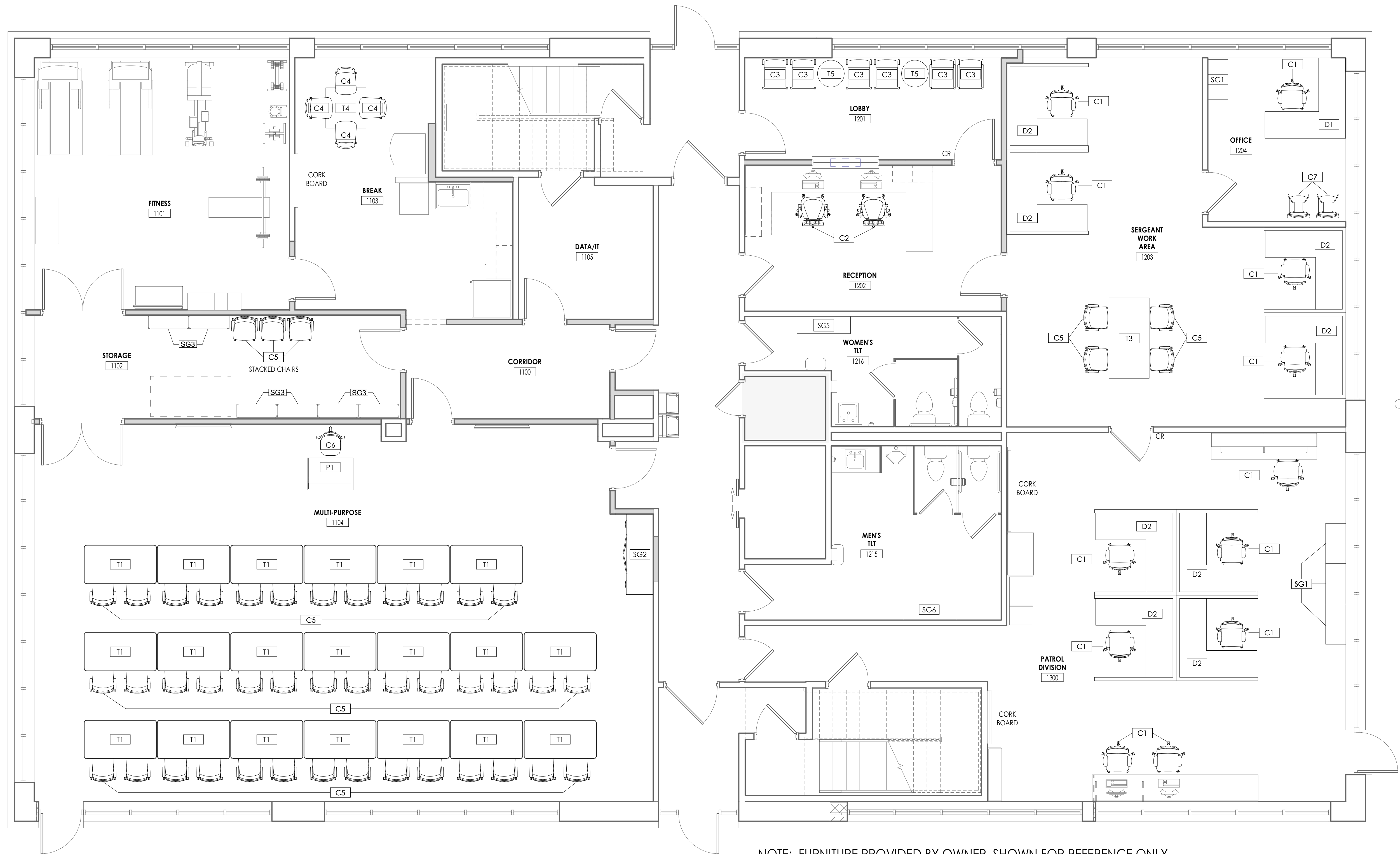
Date: Description:

PROFESSIONAL STAMPS



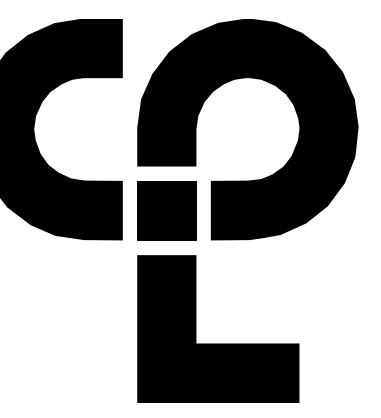
SHEET INFORMATION

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



NOTE: FURNITURE PROVIDED BY OWNER, SHOWN FOR REFERENCE ONLY

1 FURNITURE PLAN - FIRST 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

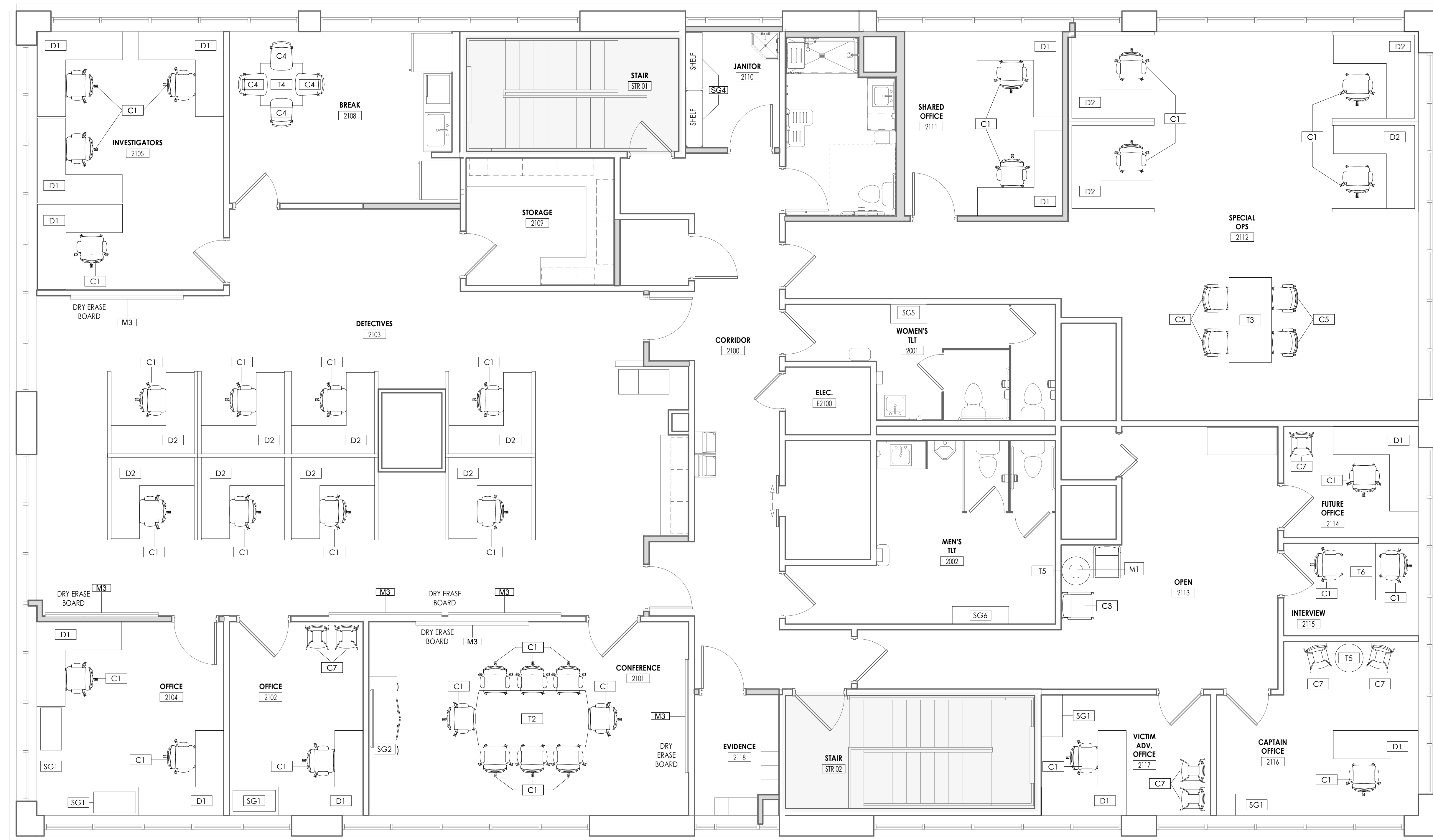
Issue No.	Date	Description
1	07/03/2024	JUNE ROCK HILL COMMENTS

PROFESSIONAL STAMPS



SHEET INFORMATION

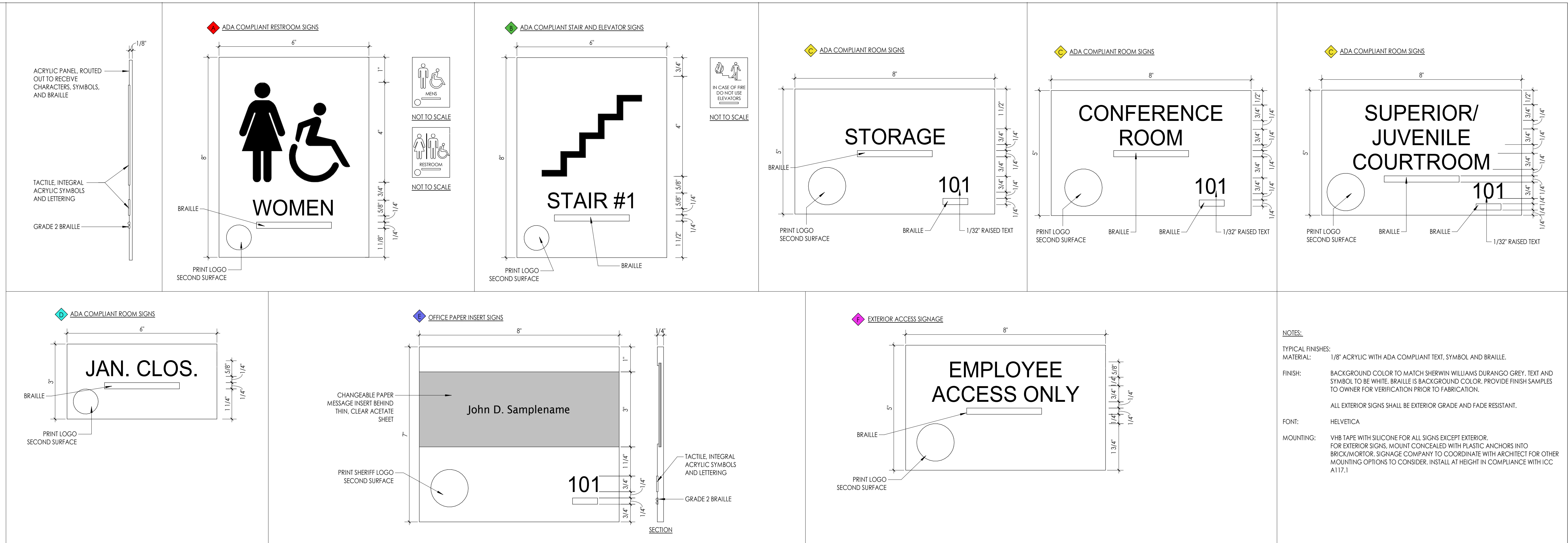
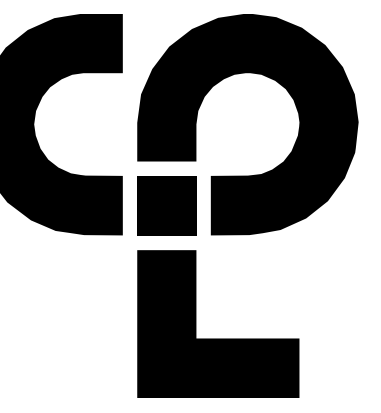
Name: 05/09/2024 Scale: 1/4" = 1'-0"
 Project Status: 100% CONSTRUCTION DOCUMENTS
 Drawn By: CPL Checked By: CPL
 Drawing Title: FURNITURE PLAN LEVEL 2
 Drawing Number:



NOTE: FURNITURE PROVIDED BY OWNER, SHOWN FOR REFERENCE ONLY

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

8/23/2024 10:54:04 AM -project:\locations\CDesign & Project Files on Bldg 300



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: HELVETICA

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

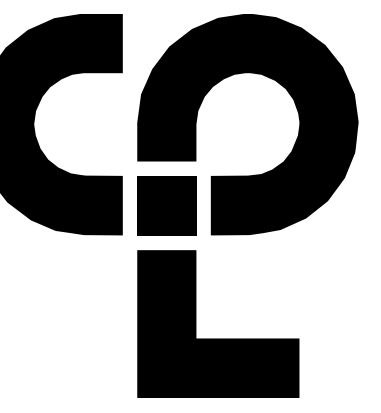
PROFESSIONAL STAMPS



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

Issue No.	Date	Description

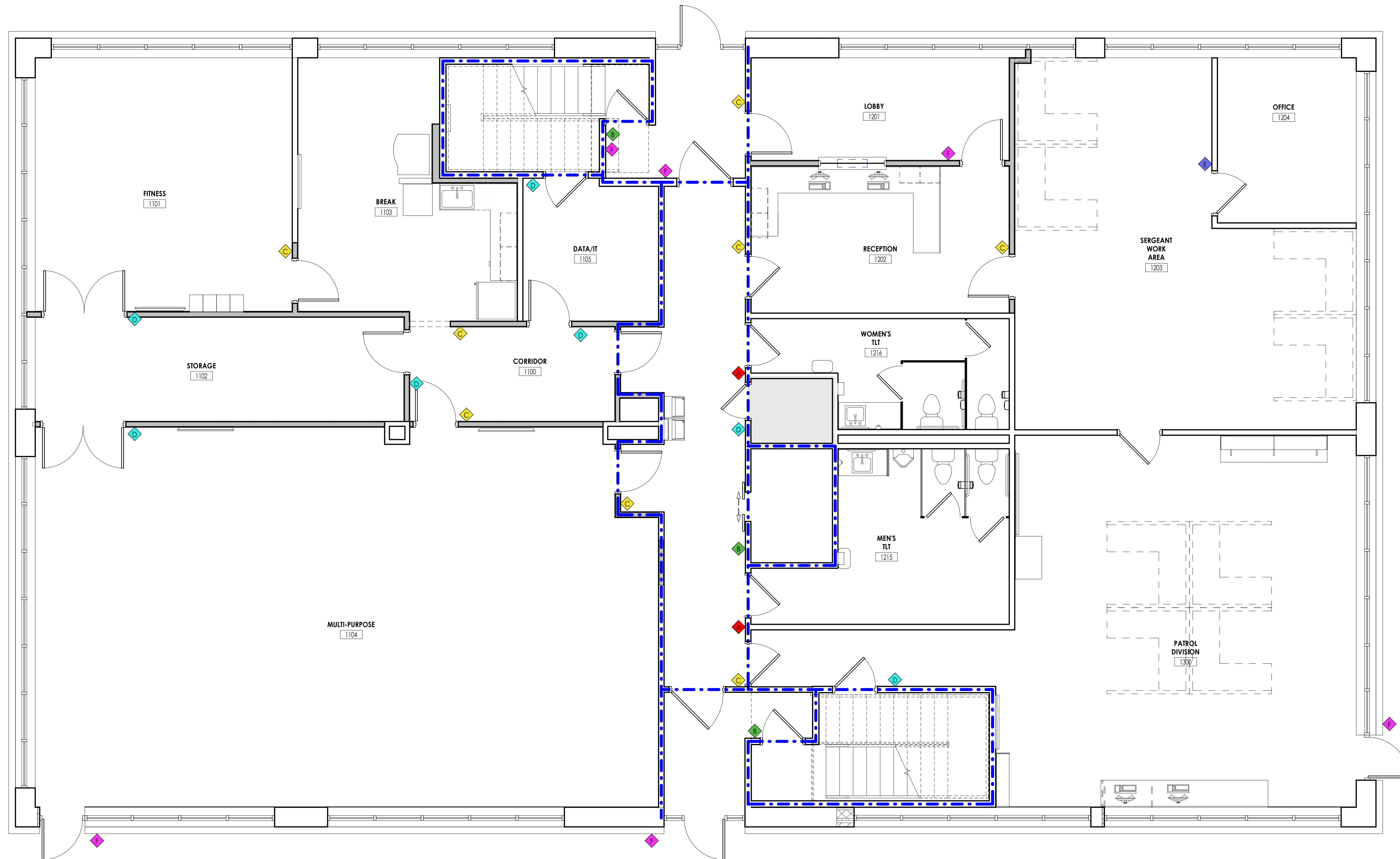
PROFESSIONAL STAMPS



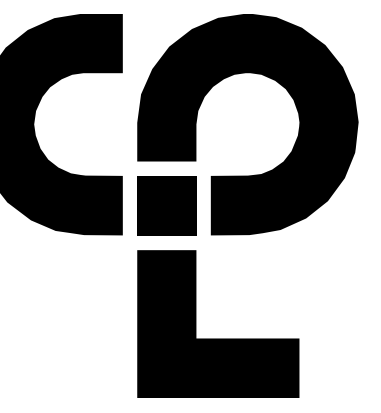
SHEET INFORMATION

Issue: 05/09/2024 Scale: 1/4" = 1'-0"
 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"



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

Date	Description

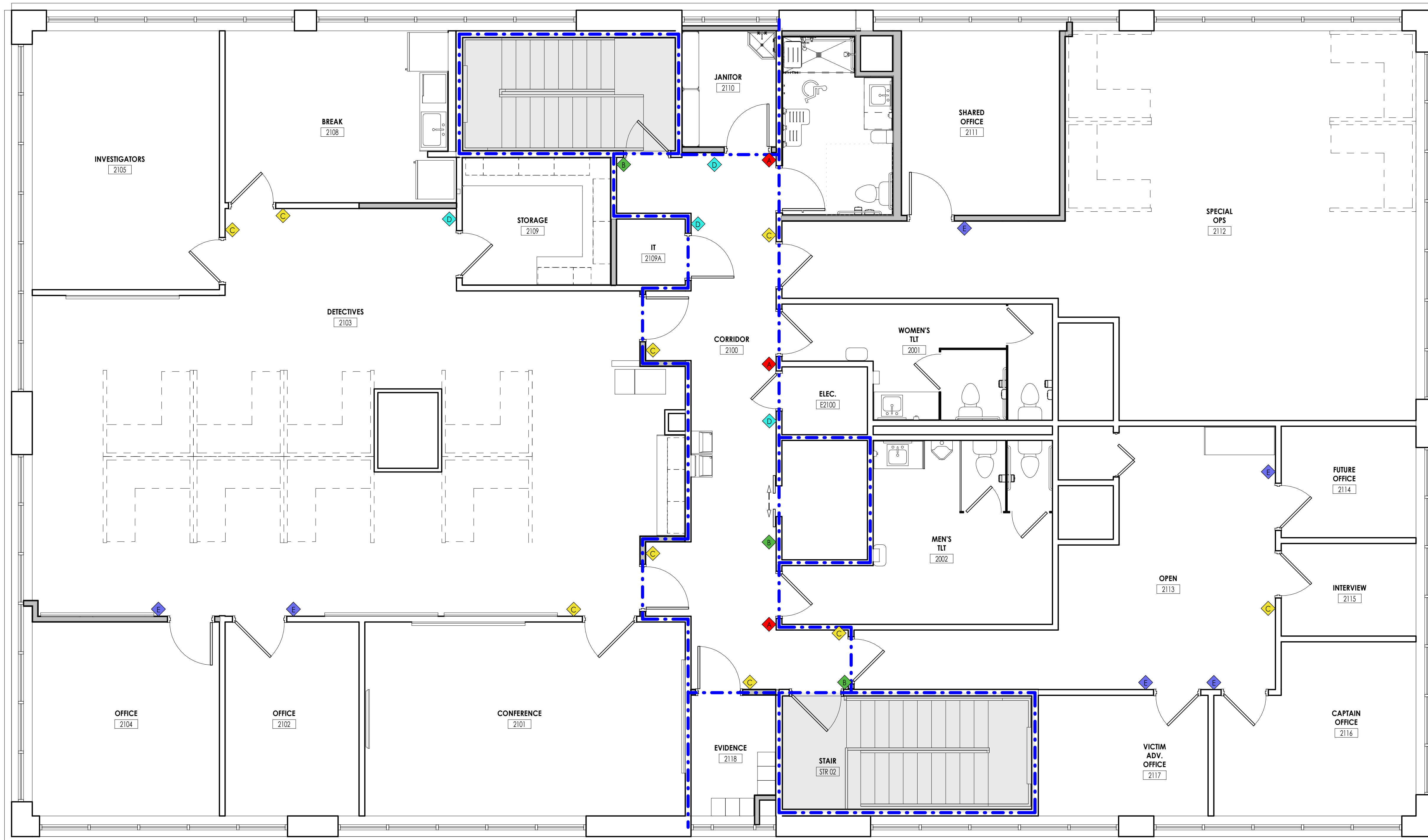
PROFESSIONAL STAMPS



SHEET INFORMATION

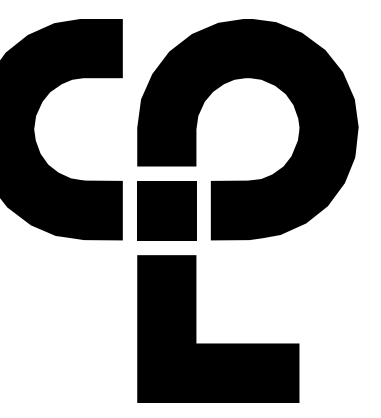
Name
 05/09/2024
 Project Status
 100% CONSTRUCTION DOCUMENTS
 Drawn By
 CPL
 Checked By
 CPL
 Drawing Title
SIGNAGE PLAN LEVEL 2

Drawing Number



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

8/23/2024 10:34:09 AM -project:\locations\CDesign & Project Files on Bldg 300



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		EXISTING
	ELBOW DOWN		ACOUSTIC THERMAL LINING		TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)		SUPPLY AIR TAKEOFFS		EXISTING
	ELBOW UP		FLEXIBLE DUCTWORK		HUMIDITY SENSOR (DUCT MOUNTED)		SUPPLY AIR TAKEOFFS		EXISTING
	TEE OUTLET - UP		FLEXIBLE CONNECTION		FLOW TRANSMITTER		SUPPLY AIR TAKEOFFS		EXISTING
	TEE OUTLET - DOWN		FIRE DAMPER		PRESSURE TRANSMITTER		SUPPLY AIR TAKEOFFS		EXISTING
	UNION		SMOKE DAMPER		DIFFERENTIAL PRESSURE TRANSMITTER		SUPPLY AIR TAKEOFFS		EXISTING
	GATE VALVE		COMBINATION FIRE AND SMOKE DAMPER		ELECTRIC/PNEUMATIC TRANSDUCER		SUPPLY AIR TAKEOFFS		EXISTING
	BALL VALVE		VOLUME DAMPER		ELECTRIC/ELECTRONIC TRANSDUCER		SUPPLY AIR TAKEOFFS		EXISTING
	BALANCING VALVE		DAMPER CONTROL, PARALLEL BLADE		DUCT SMOKE DETECTOR		SUPPLY AIR TAKEOFFS		EXISTING
	STRAINER		DAMPER CONTROL, OPPOSED BLADE		SPACE THERMOSTAT		SUPPLY AIR TAKEOFFS		EXISTING
	STRAINER WITH BLOW-DOWN		TRIPLE DUTY VALVE		SPACE TEMPERATURE SENSOR		SUPPLY AIR TAKEOFFS		EXISTING
	BUTTERFLY VALVE		GAS COCK, PLUG VALVE		SPACE CARBON DIOXIDE SENSOR		SUPPLY AIR TAKEOFFS		EXISTING
	GLOBE VALVE		UNDERCUT DOOR 1"		SPACE NATURAL GAS SENSOR		SUPPLY AIR TAKEOFFS		EXISTING
	CHECK VALVE		AIR VENT - MANUAL		NITROGEN OXIDES SENSOR		SUPPLY AIR TAKEOFFS		EXISTING
	TRIPLE DUTY VALVE		AIR VENT - AUTOMATIC		SPACE CARBON MONOXIDE SENSOR		SUPPLY AIR TAKEOFFS		EXISTING
	GAS COCK, PLUG VALVE		FLANGE		SPACE HUMIDISTAT		SUPPLY AIR TAKEOFFS		EXISTING
	UNDERCUT DOOR 1"		CONTROL/SOLENOID VALVE, ELECTRIC 2-WAY		WATER FLOW SENSOR		SUPPLY AIR TAKEOFFS		EXISTING
	AIR VENT - MANUAL		CONTROL VALVE, ELECTRIC 3-WAY		PNEUMATIC ACTUATOR		SUPPLY AIR TAKEOFFS		EXISTING
	AIR VENT - AUTOMATIC		CONTROL VALVE, PNEUMATIC 2-WAY		ELECTRIC ACTUATOR		SUPPLY AIR TAKEOFFS		EXISTING
	FLANGE		CONTROL VALVE, PNEUMATIC 3-WAY		VARIABLE SPEED / FREQUENCY DRIVE		SUPPLY AIR TAKEOFFS		EXISTING
	CONTROL/SOLENOID VALVE, ELECTRIC 2-WAY		RELIEF / SAFETY VALVE		COOLING COIL		SUPPLY AIR TAKEOFFS		EXISTING
	CONTROL VALVE, ELECTRIC 3-WAY		PRESSURE REDUCING VALVE		HEATING COIL		SUPPLY AIR TAKEOFFS		EXISTING
	CONTROL VALVE, PNEUMATIC 2-WAY		VACUUM BREAKER		GAS FURNACE		SUPPLY AIR TAKEOFFS		EXISTING
	CONTROL VALVE, PNEUMATIC 3-WAY		FLEXIBLE PIPE CONNECTOR		HUMIDIFIER		SUPPLY AIR TAKEOFFS		EXISTING
	RELIEF / SAFETY VALVE		EXPANSION COMPENSATOR W/ GUIDES		ALARM		SUPPLY AIR TAKEOFFS		EXISTING
	PRESSURE REDUCING VALVE		EXPANSION JOINT		STATUS		SUPPLY AIR TAKEOFFS		EXISTING
	VACUUM BREAKER		PIPE ANCHOR		FLOW SWITCH		SUPPLY AIR TAKEOFFS		EXISTING
	FLEXIBLE PIPE CONNECTOR		PIPE GUIDE		DIFFERENTIAL STATIC PRESSURE SWITCH		SUPPLY AIR TAKEOFFS		EXISTING
	EXPANSION COMPENSATOR W/ GUIDES		THERMOSTATIC TRAP		RELAY		SUPPLY AIR TAKEOFFS		EXISTING
	EXPANSION JOINT		FLOAT & THERMOSTATIC TRAP		FREEZE-STAT		SUPPLY AIR TAKEOFFS		EXISTING
	PIPE ANCHOR		BUCKET TRAP		DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)		SUPPLY AIR TAKEOFFS		EXISTING
	PIPE GUIDE		THERMODYNAMIC TRAP		DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		SUPPLY AIR TAKEOFFS		EXISTING
	THERMOSTATIC TRAP		THERMOMETER		ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		SUPPLY AIR TAKEOFFS		EXISTING
	FLOAT & THERMOSTATIC TRAP		WELL		ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)		SUPPLY AIR TAKEOFFS		EXISTING
	BUCKET TRAP		PRESSURE GAUGE		ELECTRICAL INTERFACE		SUPPLY AIR TAKEOFFS		EXISTING
	THERMODYNAMIC TRAP		STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		SPEED FEED BACK		SUPPLY AIR TAKEOFFS		EXISTING
	THERMOMETER		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		TRAVERSE AVERAGING SENSOR		SUPPLY AIR TAKEOFFS		EXISTING
	WELL		PIPING		PROBE SENSOR		SUPPLY AIR TAKEOFFS		EXISTING
	PRESSURE GAUGE		PUMP		FREEZE STAT SENSOR		SUPPLY AIR TAKEOFFS		EXISTING
	STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE						SUPPLY AIR TAKEOFFS		EXISTING
	PRESSURE GAUGE WITH 1/4" NEEDLE VALVE						SUPPLY AIR TAKEOFFS		EXISTING
	PIPING						SUPPLY AIR TAKEOFFS		EXISTING
	PUMP						SUPPLY AIR TAKEOFFS		EXISTING

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
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 SYMBOLS LEGEND AND CONTRACTOR NOTES
Drawing Number:

1. Summary
Ventilation Sizing Method
Design Ventilation Airflow Rate
Sum of Space OA Airflows
1254 CFM

2. Space Ventilation Analysis
2.1 Zone: FCU-1,2

Table with 10 columns: Zone Name / Space Name, Mult., Floor Area (ft²), Maximum Occupants, Maximum Supply Air (CFM), Required Outdoor Air (CFM/person), Required Outdoor Air (CFM/hr), Required Outdoor Air (CFM), Required Outdoor Air (% of supply), Uncorrected Outdoor Air (CFM). Rows include FCU-1,2 and various room types like 101-Multi-Purpose-1104.

Table for Zone: FCU-3 with similar columns and rows for FCU-3 and 002-Storage-1102.

Table for Zone: FCU-4,5 with similar columns and rows for FCU-4,5 and 003-Fitness-1101.

Table for Zone: FCU-6 with similar columns and rows for FCU-6 and 004-BreakRm-1103.

Table for Zone: FCU-7 with similar columns and rows for FCU-7 and 006-Center Corridor-1100.

2.6 Zone: FCU-8

Table for Zone: FCU-8 with similar columns and rows for FCU-8 and 007-Lobby-1201.

Table for Zone: FCU-9 with similar columns and rows for FCU-9 and 008-Reception-1202.

Table for Zone: FCU-10 with similar columns and rows for FCU-10 and 009-Women-1216.

Table for Zone: FCU-11 with similar columns and rows for FCU-11 and 012-Office-1204.

Table for Zone: FCU-12 with similar columns and rows for FCU-12 and 013-PatriotVw-1300.

Table for Zone: FCU-12 with similar columns and rows for FCU-12 and 010-Men-1215.

2.17 Zone: FCU-19

Table for Zone: FCU-19 with similar columns and rows for FCU-19 and 016-Conference-2101.

Table for Zone: FCU-20 with similar columns and rows for FCU-20 and 021-Janitor-2110.

Table for Zone: FCU-21 with similar columns and rows for FCU-21 and 027-SharedOffice-2111.

Table for Zone: FCU-22 with similar columns and rows for FCU-22 and 028-Detectives-2112.

Table for Zone: FCU-23 with similar columns and rows for FCU-23 and 029-Open-2113.

Table for Zone: FCU-23 with similar columns and rows for FCU-23 and 026-Mens-2002.

2.22 Zone: FCU-24

Table for Zone: FCU-24 with similar columns and rows for FCU-24 and 020-FutureOffice-2114.

Table for Zone: FCU-25 with similar columns and rows for FCU-25 and 033-Interview-2115.

Table for Zone: FCU-26 with similar columns and rows for FCU-26 and 032-Capt. Office-2116.

Table for Zone: FCU-27 with similar columns and rows for FCU-27 and 033-VictimsOffice-2117.

Table for Zone: FCU-27 with similar columns and rows for FCU-27 and 033-VictimsOffice-2117.

Table for Zone: FCU-27 with similar columns and rows for FCU-27 and 033-VictimsOffice-2117.

2.11 Zone: FCU-13

Table for Zone: FCU-13 with similar columns and rows for FCU-13 and 012-Office-1204.

Table for Zone: FCU-14 with similar columns and rows for FCU-14 and 017a-SpecialOps-2103a.

Table for Zone: FCU-15 with similar columns and rows for FCU-15 and 018-Traffic/Variants-2105.

Table for Zone: FCU-16 with similar columns and rows for FCU-16 and 018a-Sneak-2108.

Table for Zone: FCU-17 with similar columns and rows for FCU-17 and 017b-SpecialOps-2103b.

Table for Zone: FCU-18 with similar columns and rows for FCU-18 and 015-Office-2102.



Section 1: Project Information

Energy Code: 2009 IECC
Project Title: York County - Sheriff's Office
Project Type: Alteration
Construction Site: Owner/Agent: Designer/Contractor: CPL

Section 2: General Information

Building Location (for weather data): Rock Hill (York), South Carolina
Climate Zone: 3a

Section 3: Mechanical Systems List

Quantity System Type & Description
1 DOAS-1 (Single Zone): Heating: 1 each - Other, Electric, Capacity = 83 kBtu/h... Cooling: 1 each - Single Package DX Unit, Capacity = 87 kBtu/h... Fans: FAN SYSTEM 1 - Compliance (Motor nameplate HP and fan efficiency method): Pases

Section 4: Requirements Checklist

- Requirements Specific To: DOAS-1: 1. Equipment minimum efficiency... 2. Integrated economizer... 3. Cooling system provides a means to relieve excess outdoor air during economizer operation. Generic Requirements: Must be met by all systems to which the requirement is applicable: 1. Plant equipment and system capacity no greater than needed to meet loads... 2. Standby equipment automatically when primary system is operating... 3. Minimum one temperature control device per system... 4. Minimum one humidity control device per installed humidification/dehumidification system... 5. Load calculations per ASHRAE/ACCA Standard 183... 6. Automatic Controls: Setback to 55°F (heat) and 85°F (cool)... 7. Outside-air source for ventilation, system capable of reducing OSA to required minimum... 8. R-5 supply and return air duct insulation in unconditioned spaces... 9. R-8 supply and return air duct insulation outside the building... 10. R-8 insulation between ducts and the building exterior when ducts are part of a building assembly... 11. Ducts located within equipment... 12. Ducts with interior and exterior temperature difference not exceeding 15°F.

- 8. Mechanical fasteners and sealants used to connect ducts and air distribution equipment. 9. Ducts sealed - longitudinal seams on rigid ducts; transverse seams on all ducts; UL 181A or 181B tapes and mastics. 10. Hot water pipe insulation: 1.5 in. for pipes <=1.5 in. and 2 in. for pipes >1.5 in. Chilled water/refrigerant/steam pipe insulation: 1.5 in. for pipes <=1.5 in. and 1.5 in. for pipes >1.5 in. Steam pipe insulation: 1.5 in. for pipes <=1.5 in. and 3 in. for pipes >1.5 in. 11. Operation and maintenance manual provided to building owner. 12. Thermostatic controls have 5°F deadband. 13. Balancing devices provided in accordance with IMC 603.17. 14. Demand control ventilation (DCV) present for high design occupancy areas (>40 person/1000 ft2 in spaces >500 ft2) and served by systems with any one of 1) an air-side economizer, 2) automatic modulating control of the outdoor air damper, or 3) a design outdoor airflow greater than 3000 cfm. 15. Maximum automatic shutoff dampers required on exhaust and outdoor air supply openings. 16. Automatic controls for freeze protection systems present. 17. Exhaust air heat recovery included for systems 5,000 cfm or greater with more than 70% outside air fraction or specifically exempted. 18. Hazardous exhaust systems, commercial kitchen and clothes dryer exhaust systems that the International Mechanical Code prohibits the use of energy recovery systems. 19. Systems serving spaces that are heated and not cooled to less than 60°F. 20. Where more than 60 percent of the outdoor heating energy is provided from site-recovered or site solar energy. 21. Heating systems in climates with less than 3600 HDD. 22. Cooling systems in climates with a 1 percent cooling design wet-bulb temperature less than 64°F. 23. Systems requiring dehumidification that employ energy recovery in series with the cooling coil. 24. Laboratory fume hood exhaust systems that have either a variable air volume system capable of reducing exhaust and makeup air volume to 50 percent or less of design values or, a separate make up air supply meeting the following makeup air requirements: a) at least 75 percent of exhaust flow rate, b) heated to no more than 2°F below room setpoint temperature, c) cooled to no lower than 3°F above room setpoint temperature, d) no humidification added, e) no simultaneous heating and cooling.

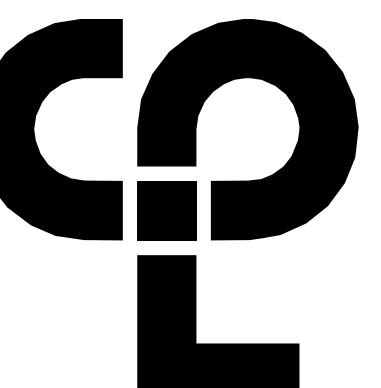
Section 5: Compliance Statement

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed mechanical alteration project has been designed to meet the 2009 IECC, Chapter 8, requirements in COMcheck-Web and to comply with the mandatory requirements in the Requirements Checklist.

Lawrence Stokes
Name - Title: Signature: Date: 3/13/2024

Section 6: Post Construction Compliance Statement

- HVAC record drawings of the actual installation, system capacities, calibration information, and performance data for each equipment provided to the owner.



CPL | Architecture Engineering Planning
6302 Canview 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 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS

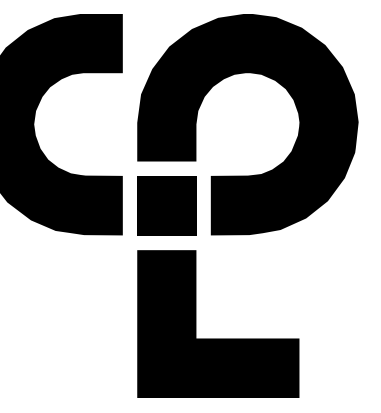


SHEET INFORMATION

Name: Scale:
Date: 05/09/2024
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn by: LSS Checked by: GFK
Sheet Title: ENERGY CODE COMPLIANCE REPORT AND VENTILATION CALCULATIONS
Drawing Number:

KEY NOTES

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



CPL | Architecture Engineering Planning
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 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS



SHEET INFORMATION

Name

05/09/2024

100% CONSTRUCTION DOCUMENTS

Drawn By

LSB

Checked By

GPAK

Drawing Title

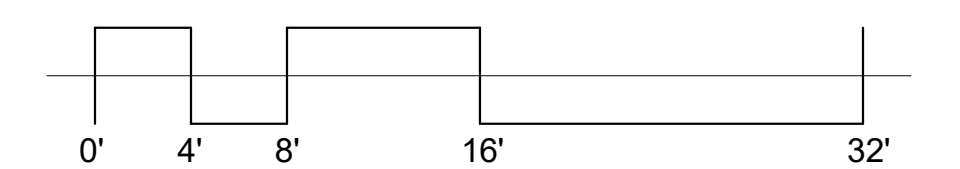
FIRST FLOOR HVAC DEMOLITION PLAN

Drawing Number

H100

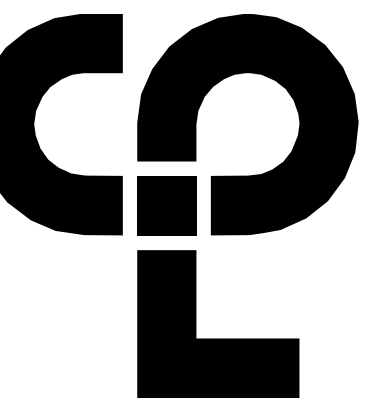


LEVEL 1 DEMOLITION PLAN
1
H100
1/4" = 1'-0"
TRUE NORTH



KEY NOTES

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



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

PROJECT INFORMATION

Project Number

R23.00720.00

Client Name

YORK COUNTY, SC

Project Name

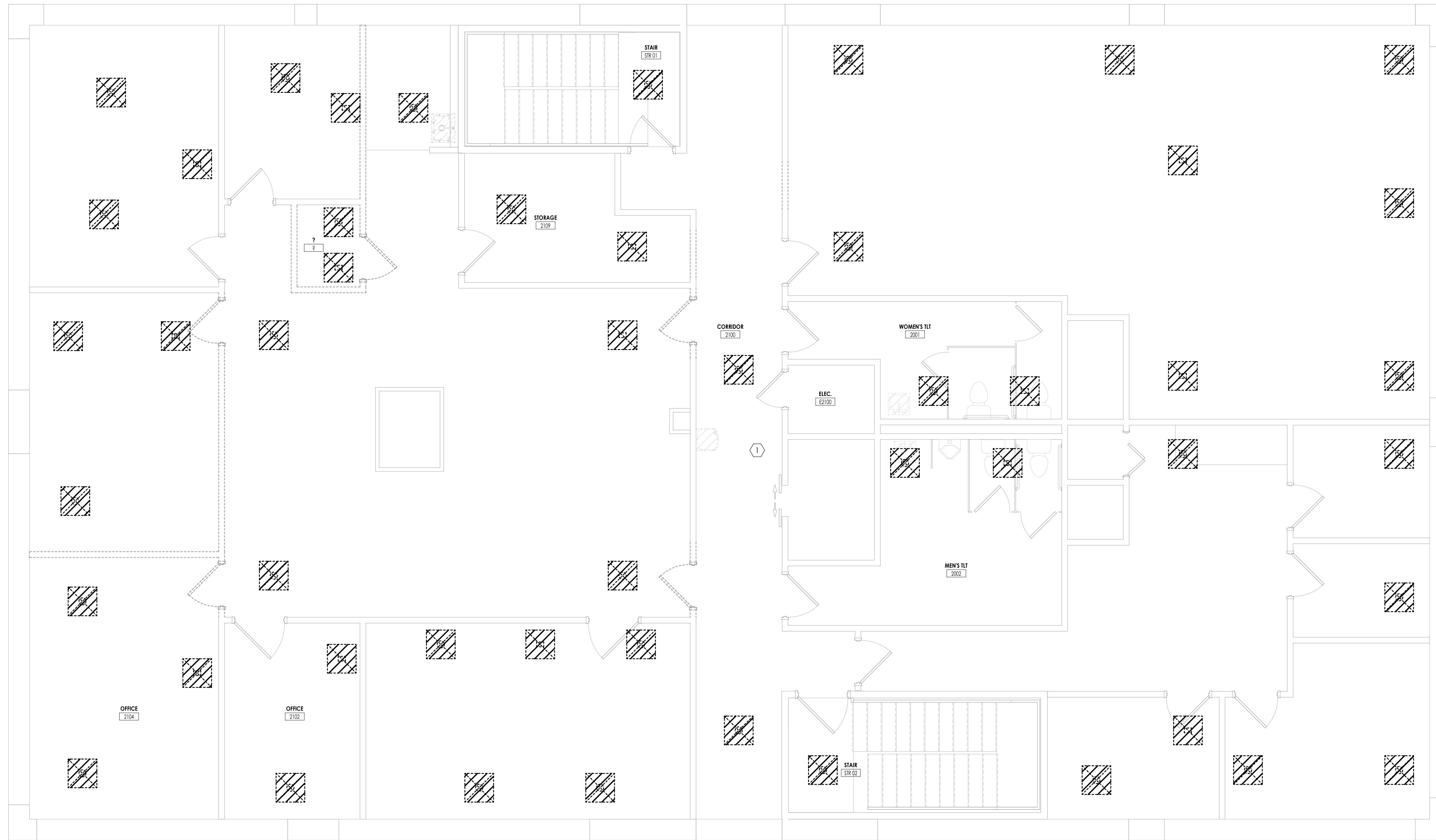
DISTRICT 3 SHERIFF'S OFFICE

Project Address

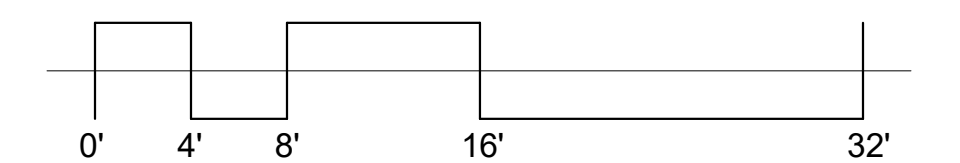
236 Northpark Drive, Rock Hill, SC 29730

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

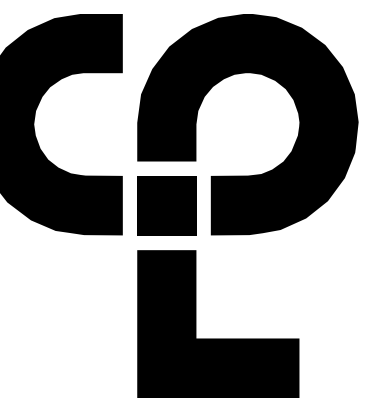
SECOND FLOOR HVAC

DEMOLITION PLAN

Drawing Number

-

H101



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

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

#	Date	Description

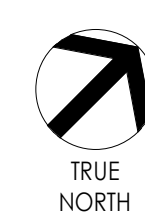
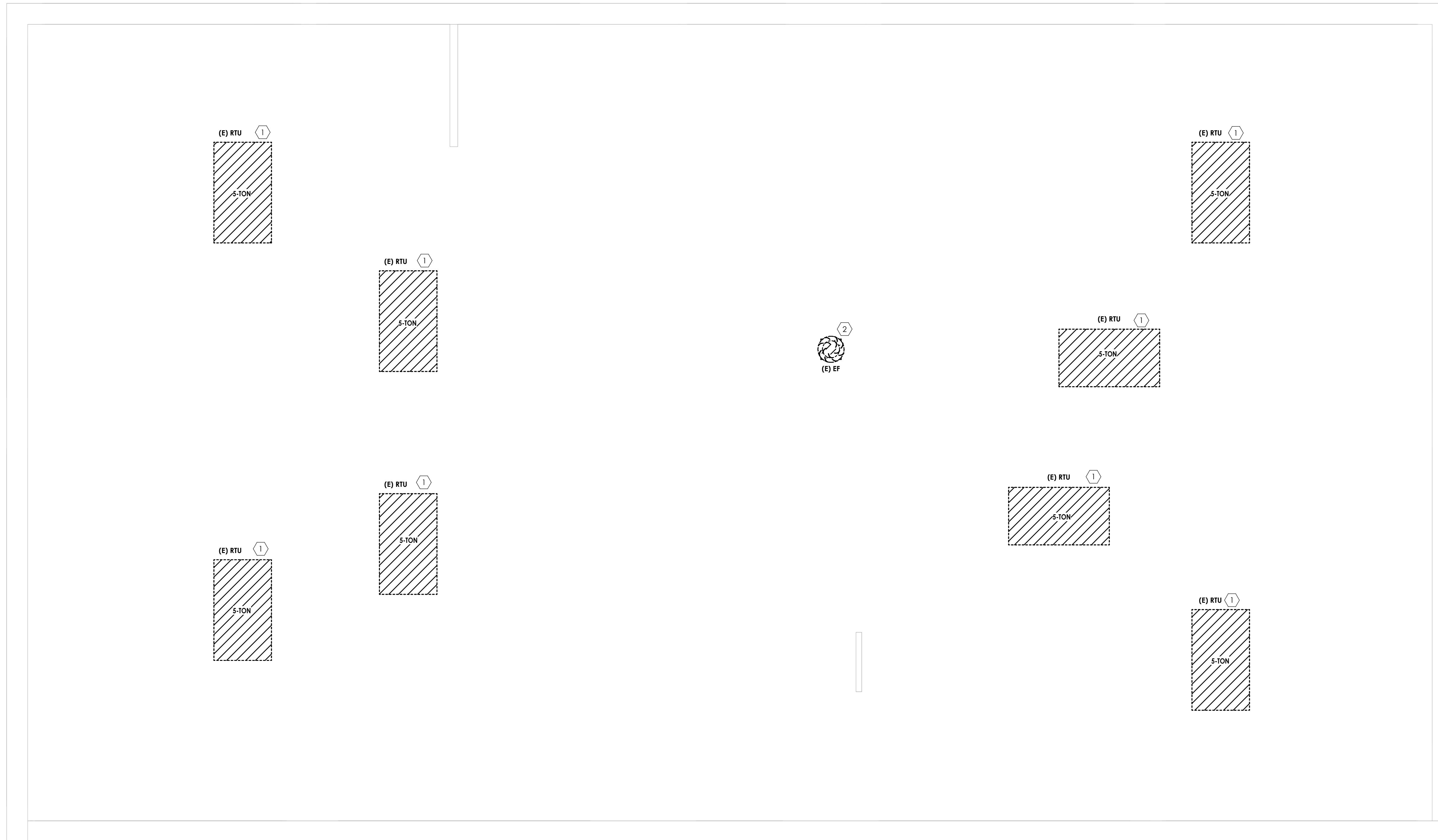
PROFESSIONAL STAMPS



SHEET INFORMATION

Name
 05/09/2024
 Project Status
 100% CONSTRUCTION DOCUMENTS
 Drawn By
 TJB
 Design Title
ROOF HVAC DEMOLITION PLAN
 Drawing Number

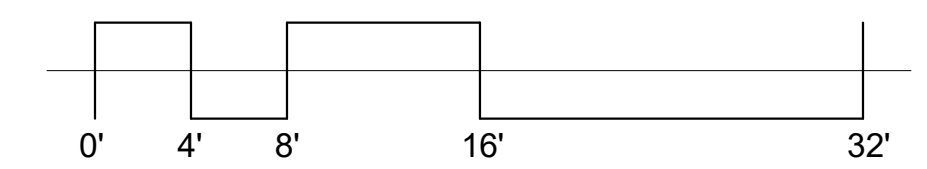
H102

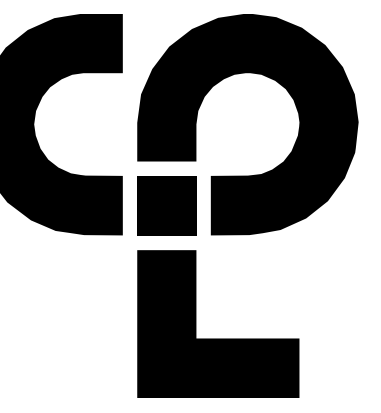


1
 H102

ROOF DEMOLITION PLAN

1/4" = 1'-0"





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

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

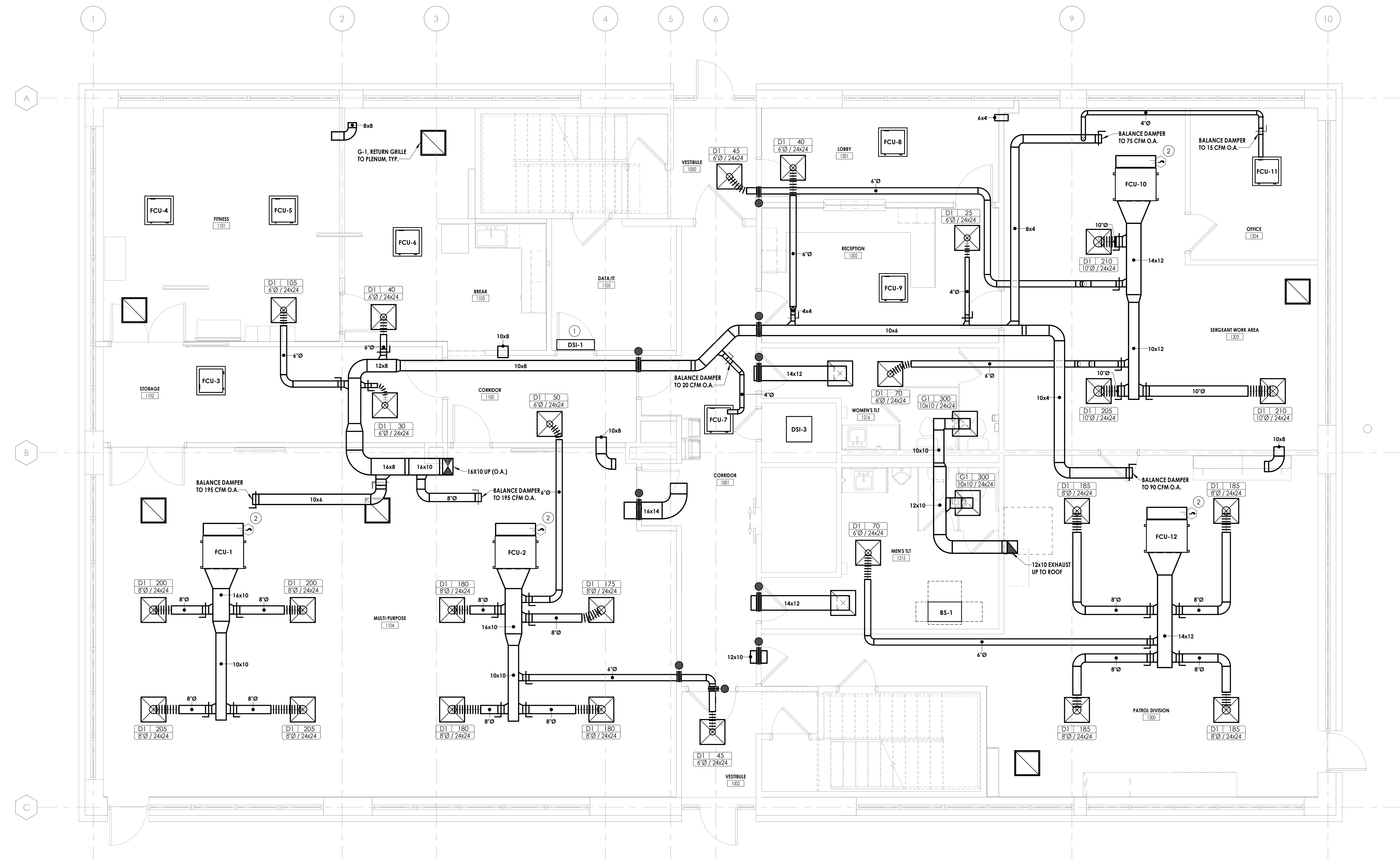
#	Date	Description
1	07/03/2024	JUNE ROCK HILL COMMENTS

PROFESSIONAL STAMPS

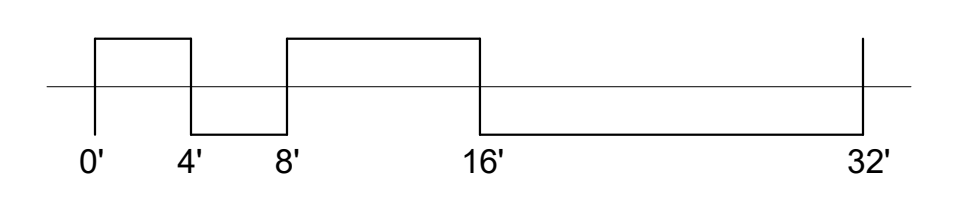


SHEET INFORMATION

Name: Scale: As indicated
Date: 05/09/2024
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: LBS Checked By: GPK
Drawing Title: FIRST FLOOR HVAC NEW WORK PLAN
Drawing Number:

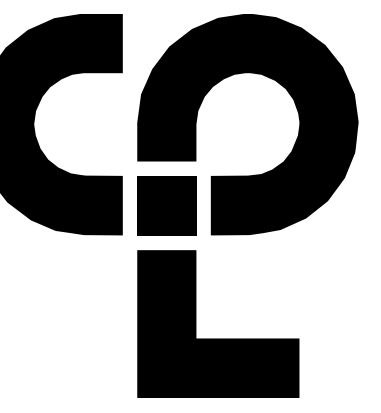


LEVEL 1 NEW WORK PLAN
1 H200
1/4" = 1'-0"
TRUE NORTH



H200

8/27/2024 4:05:11 PM c:\projects\locations\CDesign & Project Files\cd\h200



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

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
1	07/03/2024	JUNE ROCK HILL COMMENTS

PROFESSIONAL STAMPS

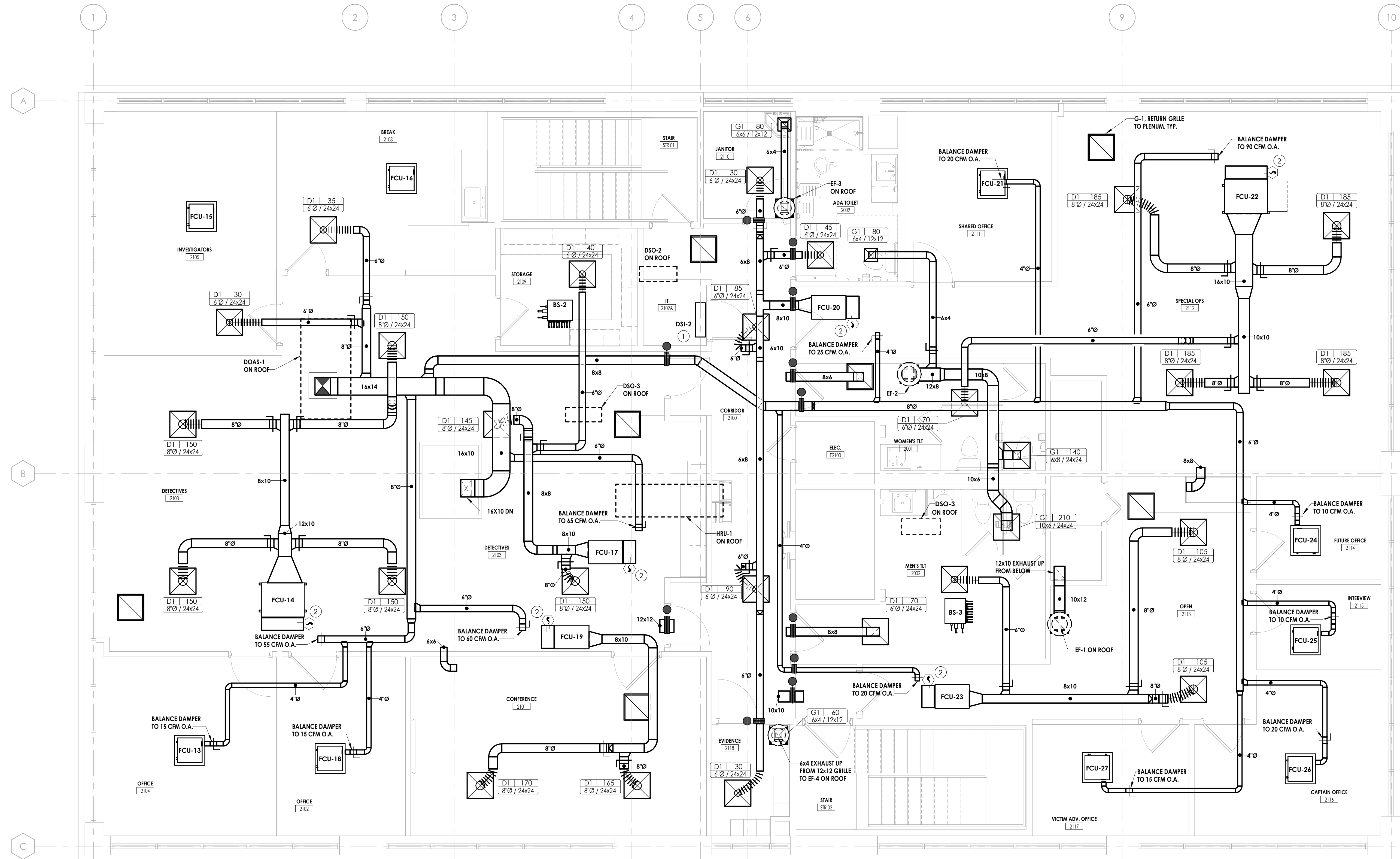


SHEET INFORMATION

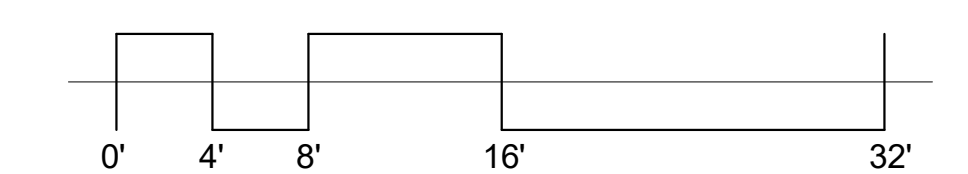
Name: _____ Scale: As Indicated
Date: 05/09/2024
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: LBS Checked By: GPK
Drawing Title: **SECOND FLOOR HVAC NEW WORK PLAN**

Drawing Number: _____

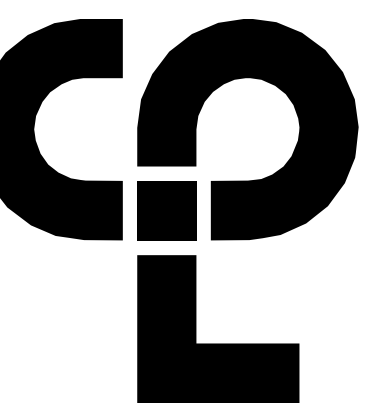
H201



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



R:\27\2024\40531-SP\W -project\location\CD Design & Project Files\01\W-300



CPL | Architecture Engineering Planning
 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 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PROFESSIONAL STAMPS

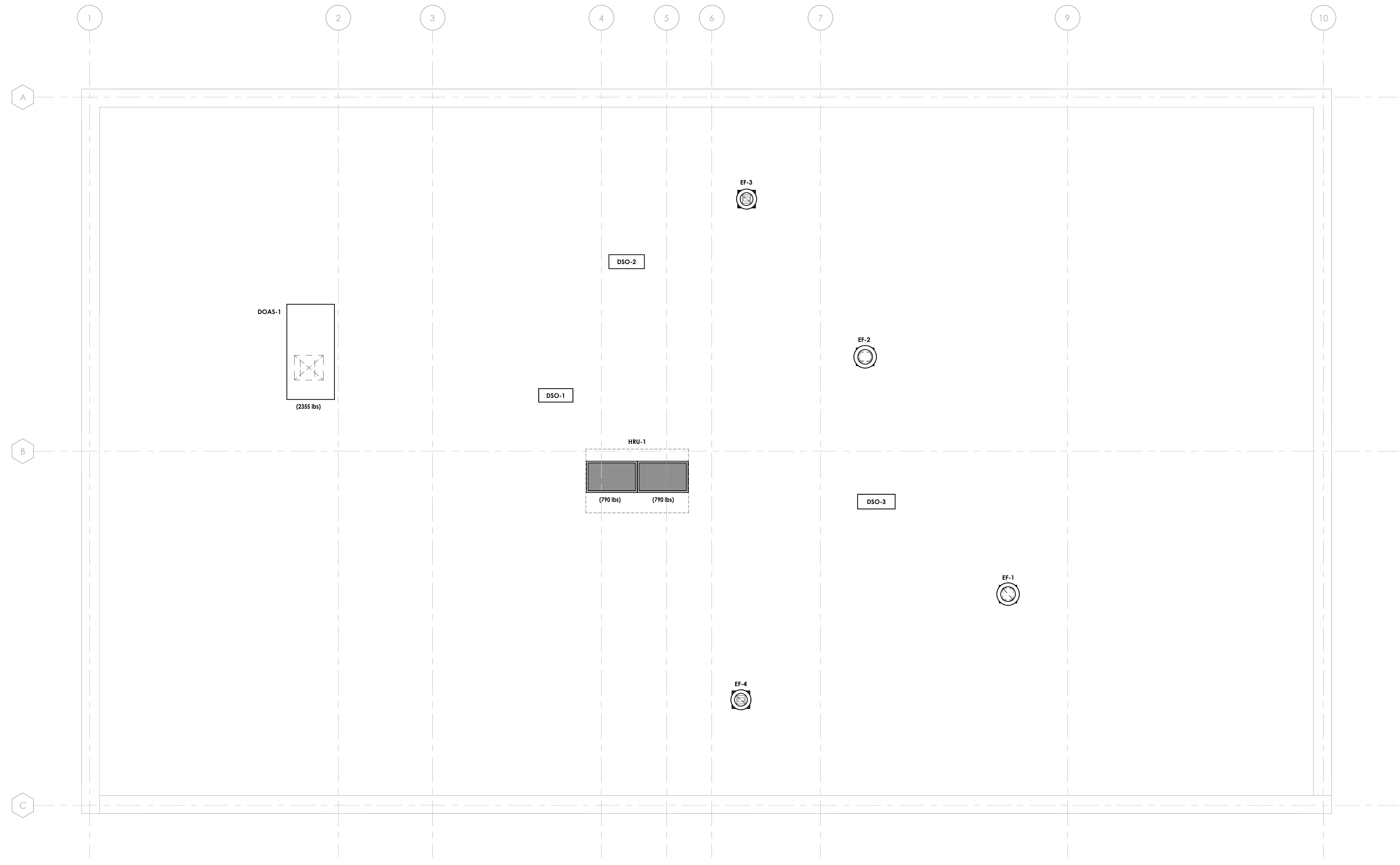


SHEET INFORMATION

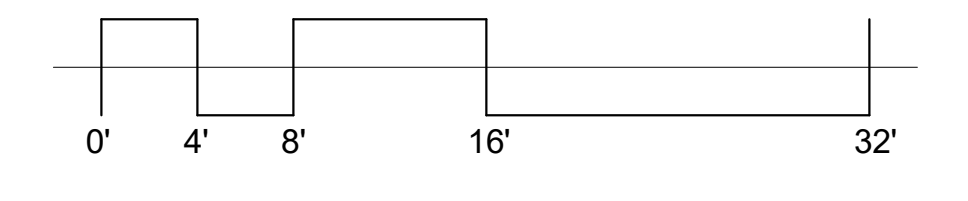
Name
 05/09/2024
 Project Status
 100% CONSTRUCTION DOCUMENTS
 Drawn By
 LBS
 Design Title
 ROOF HVAC NEW WORK PLAN
 Scale
 1/4" = 1'-0"
 Checked By
 GPK

Drawing Number

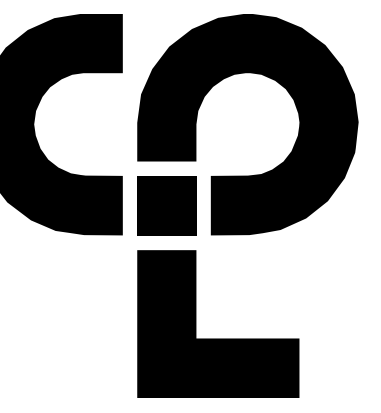
H202



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



8/27/2024 4:05:14 PM c:\projects\locations\CD Design & Project Files\01\BWX-300



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

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

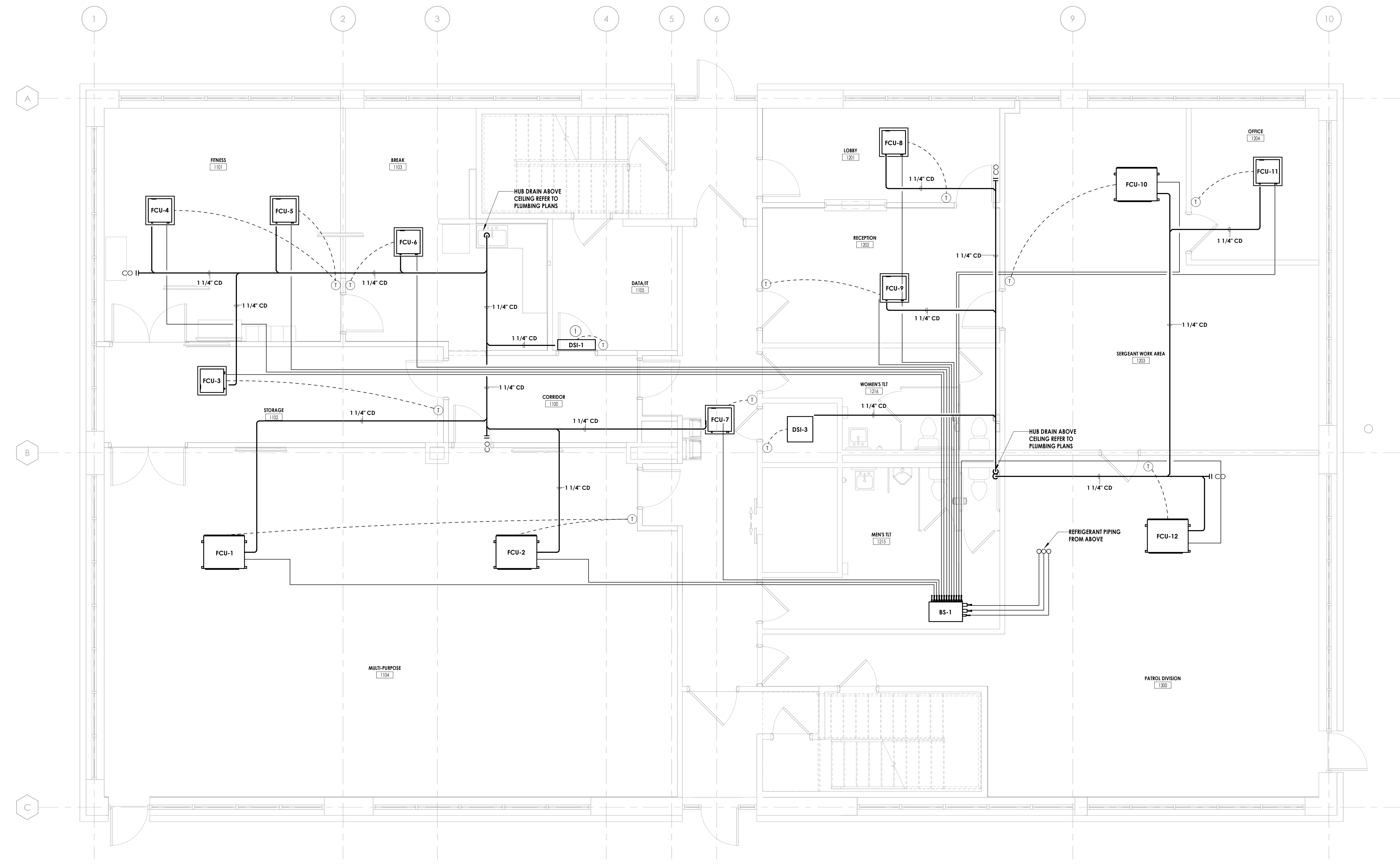
Project Number
 R23.00720.00
 Client Name
YORK COUNTY, SC
 Project Name
DISTRICT 3 SHERIFF'S OFFICE

Project Address
 236 Northpark Drive, Rock Hill, SC 29730

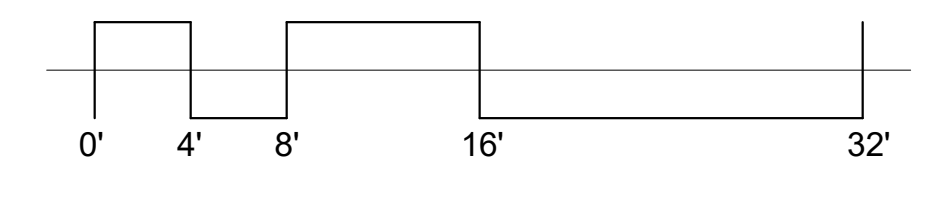
PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PROFESSIONAL STAMPS



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
 Drawn By: LBS Checked By: GFK
 Drawing Title: FIRST FLOOR HVAC PIPING NEW WORK PLAN
 Drawing Number:

H300

8/27/2024 4:05:14 PM c:\projects\locations\CD Design & Project Files\cd\lvs_300

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.

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

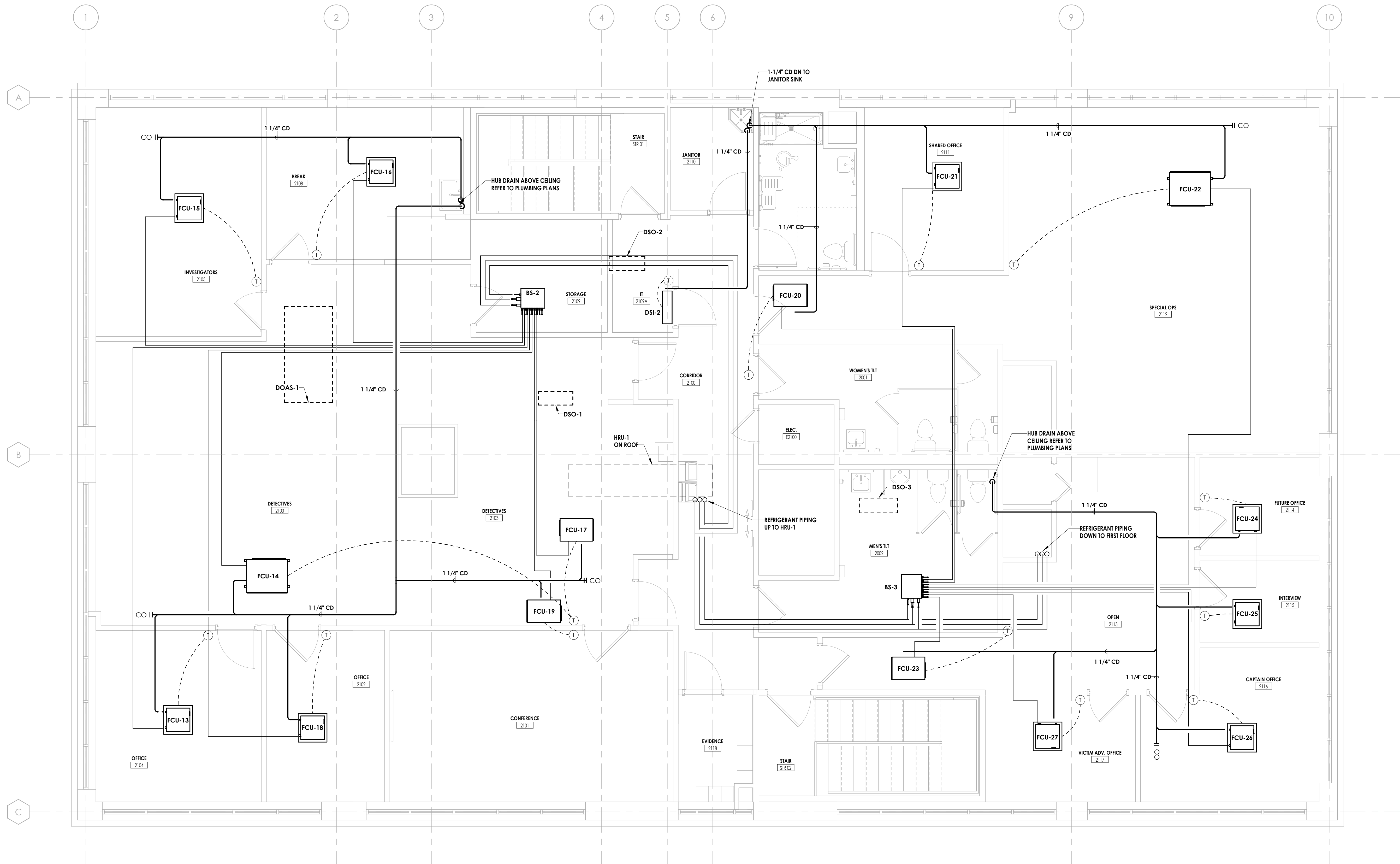


SHEET INFORMATION

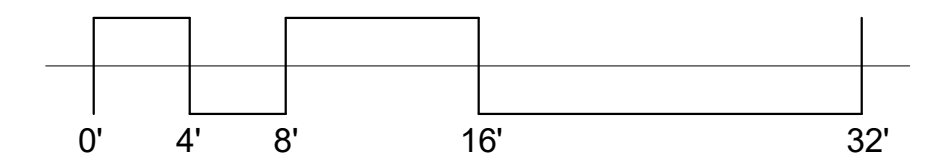
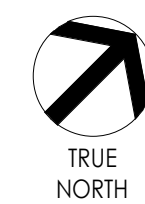
Name
 05/09/2024
 Scale
 As indicated
 Project Status
 100% CONSTRUCTION DOCUMENTS
 Drawn By
 LBS
 Checked By
 GPK
 Drawing Title
SECOND FLOOR HVAC PIPING NEW WORK PLAN

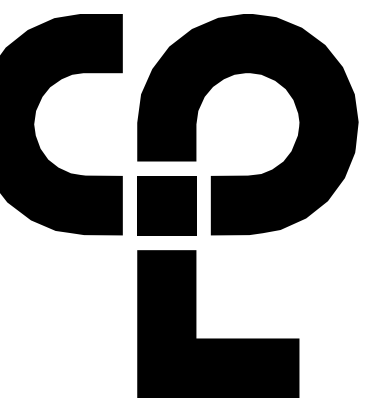
Drawing Number

H301



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





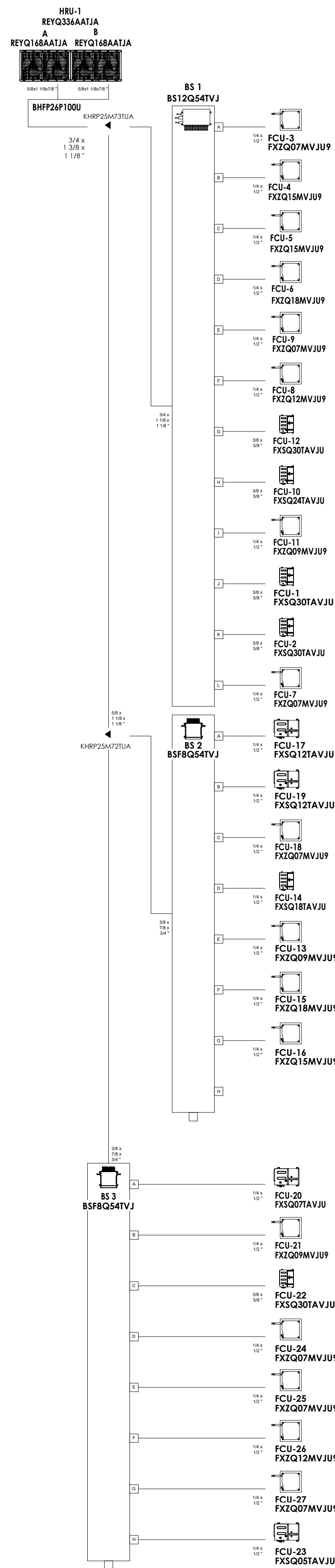
PROJECT INFORMATION

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

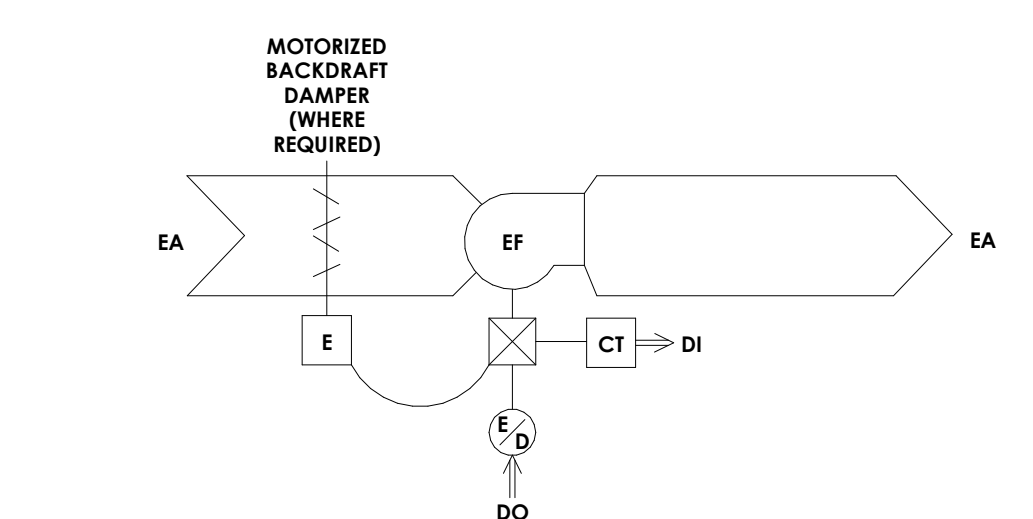
Project Address: 236 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

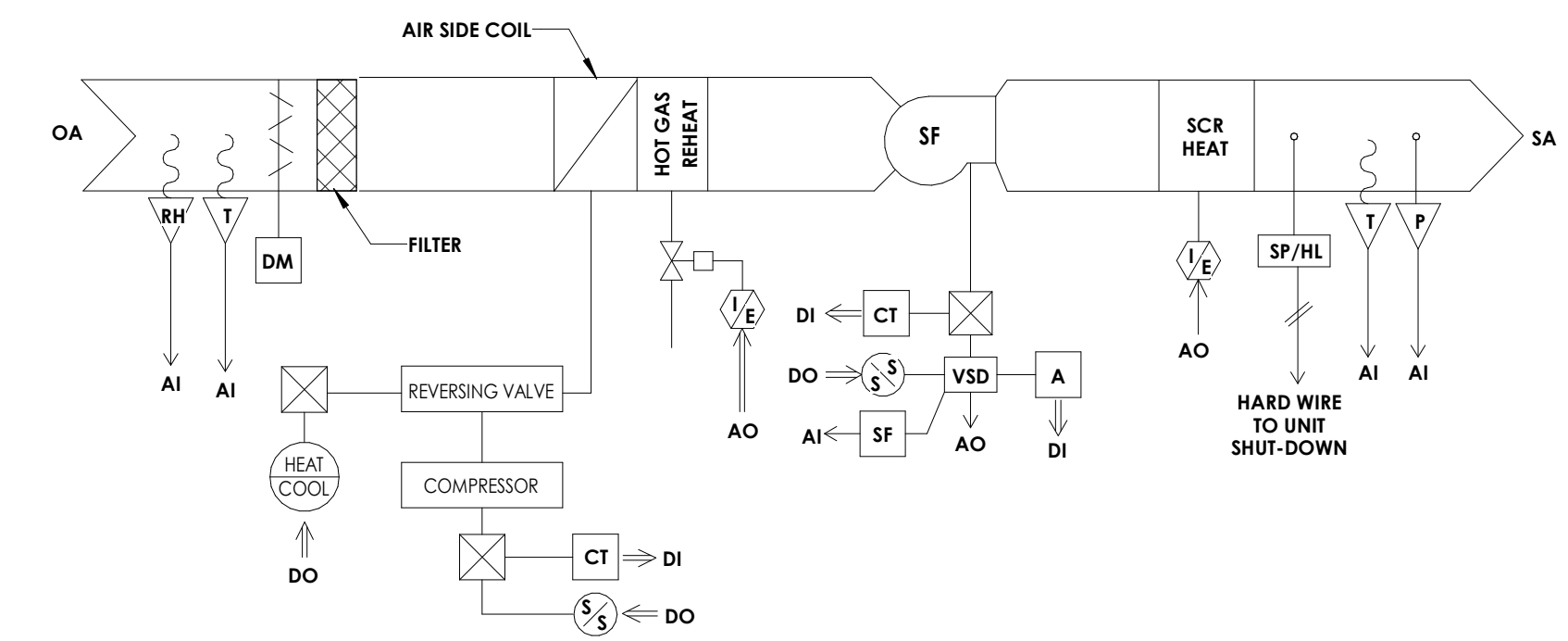
7 Date Description



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).

UNOCCUPIED 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.)

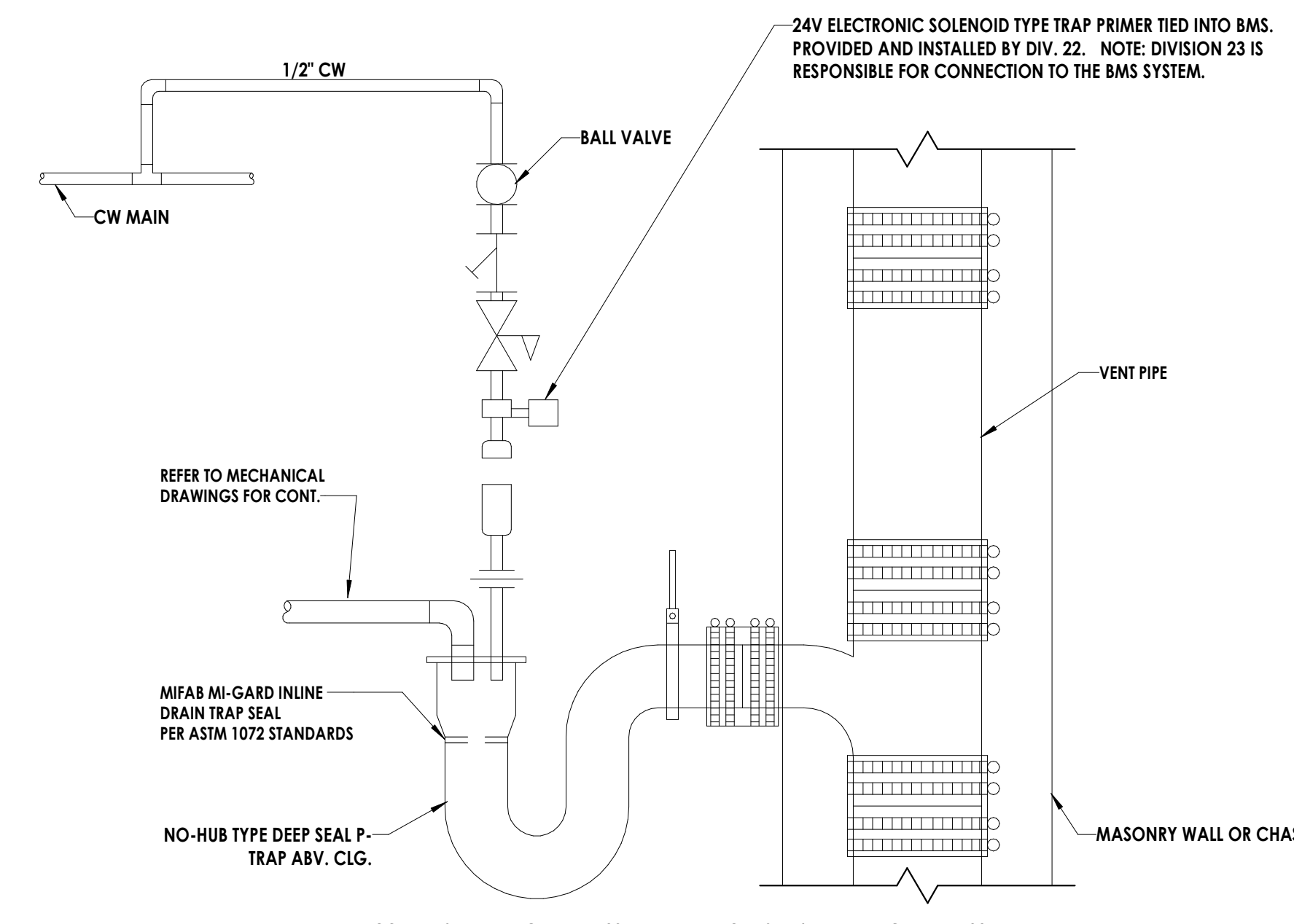
HEATING SEQUENCE:

- 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.)

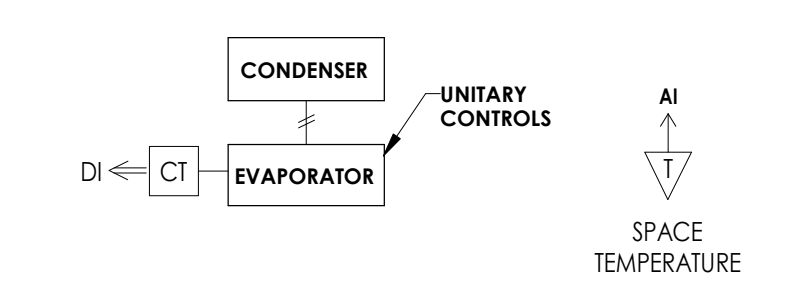
ALARMS:

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

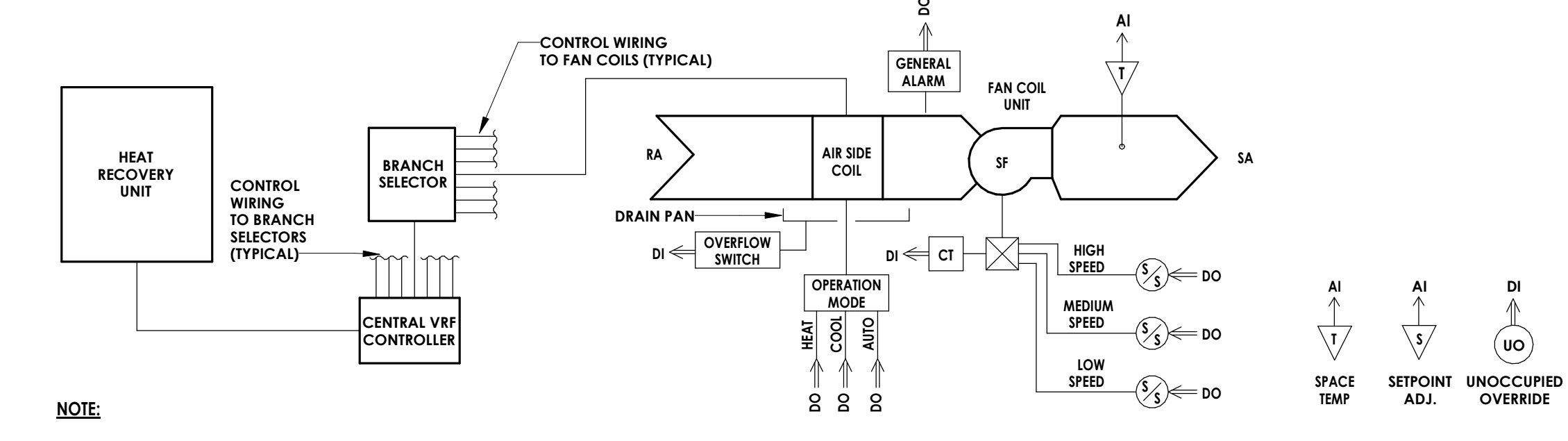
2 DOAS UNIT CONTROL SCHEMATIC
H500 N.T.S.



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.

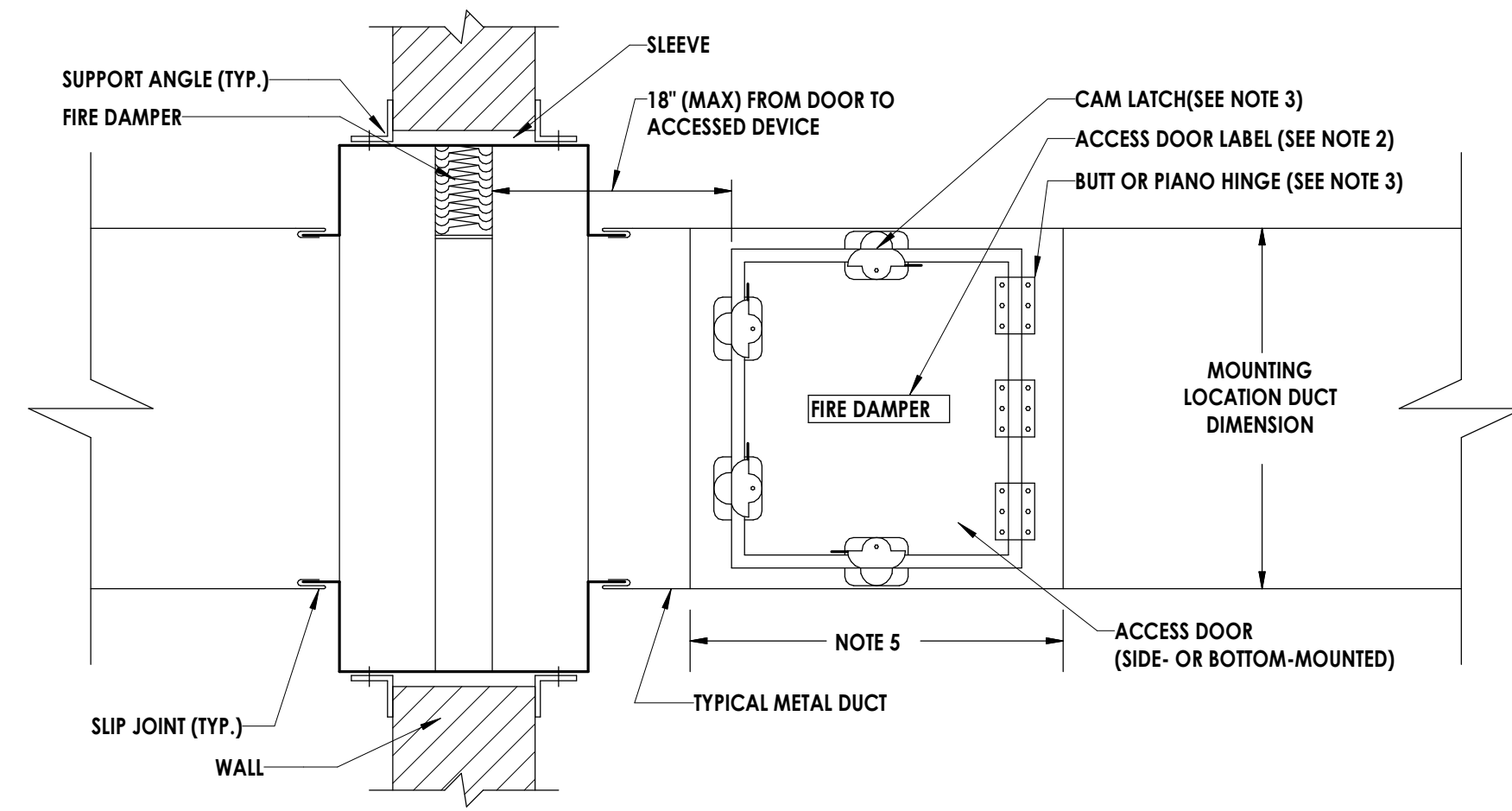
1 VRF SYSTEM CONTROL DIAGRAM
H500 NOT TO SCALE

PROFESSIONAL STAMPS



SHEET INFORMATION

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

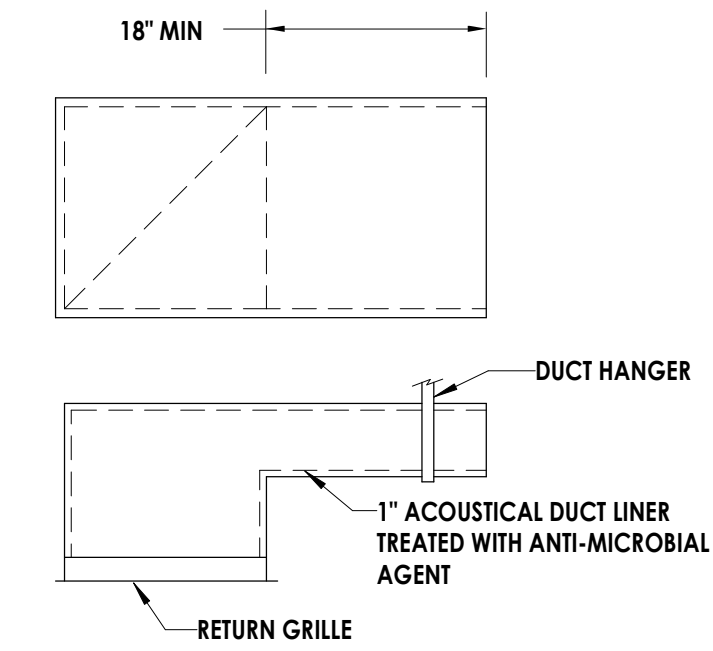


NOTES:

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"

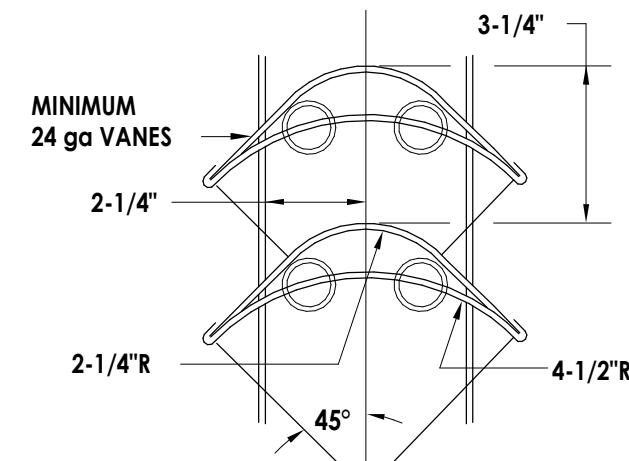


NOTES:

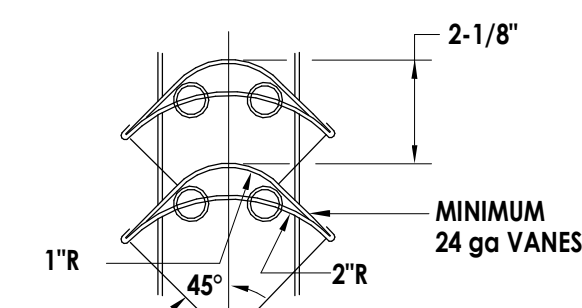
1. COORDINATE HEIGHT OF DUCT ROOT TO AVOID INTERFERENCE WITH LIGHTS, JOISTS AND OTHER DUCTS.
2. DUCT BOOTS SHALL BE PROVIDED FOR ALL OPEN RETURN AIR GRILLES EVEN IF NOT SHOWN ON THE DRAWINGS.

11 RETURN BOOT DETAIL
 H800 N.T.S.

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

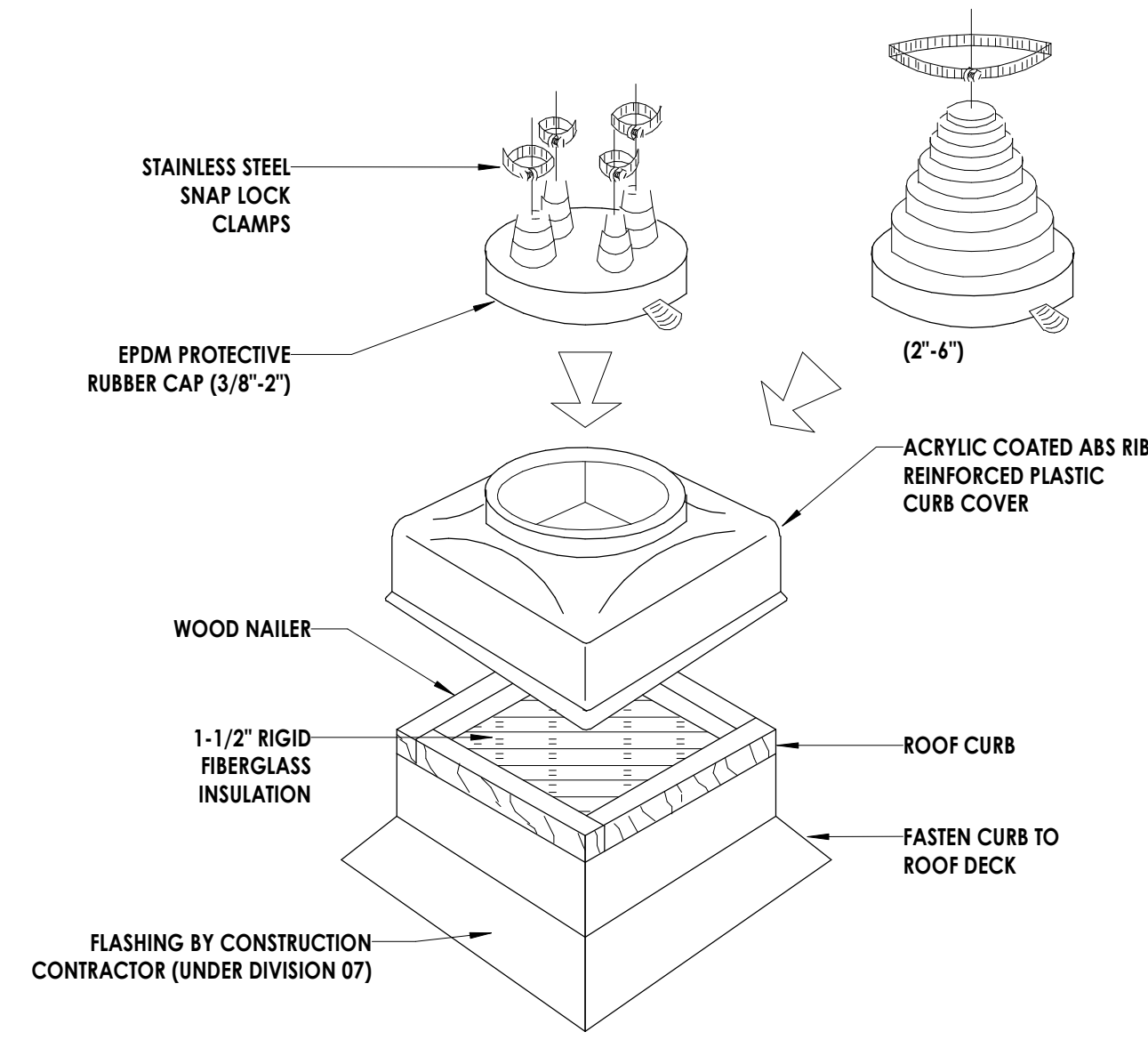


VANES FOR SQUARE THROAT ELBOWS OVER 20" WIDE

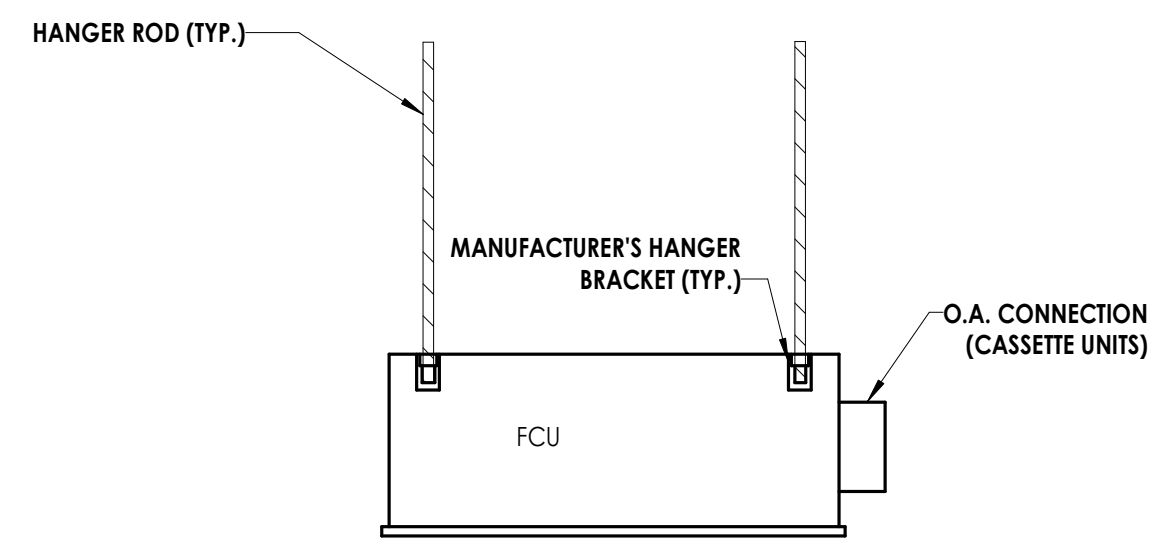


VANES FOR SQUARE THROAT ELBOWS THRU 20" WIDE

9 TURNING VANES
 H800 N.T.S.

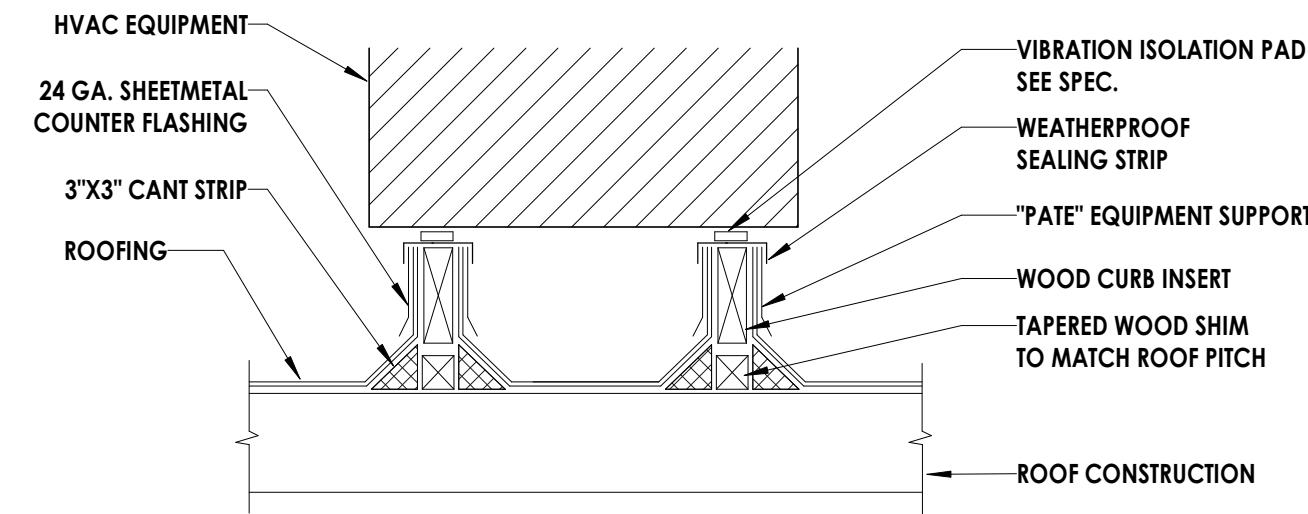


8 PIPE PORTAL DETAIL
 H800 NOT TO SCALE

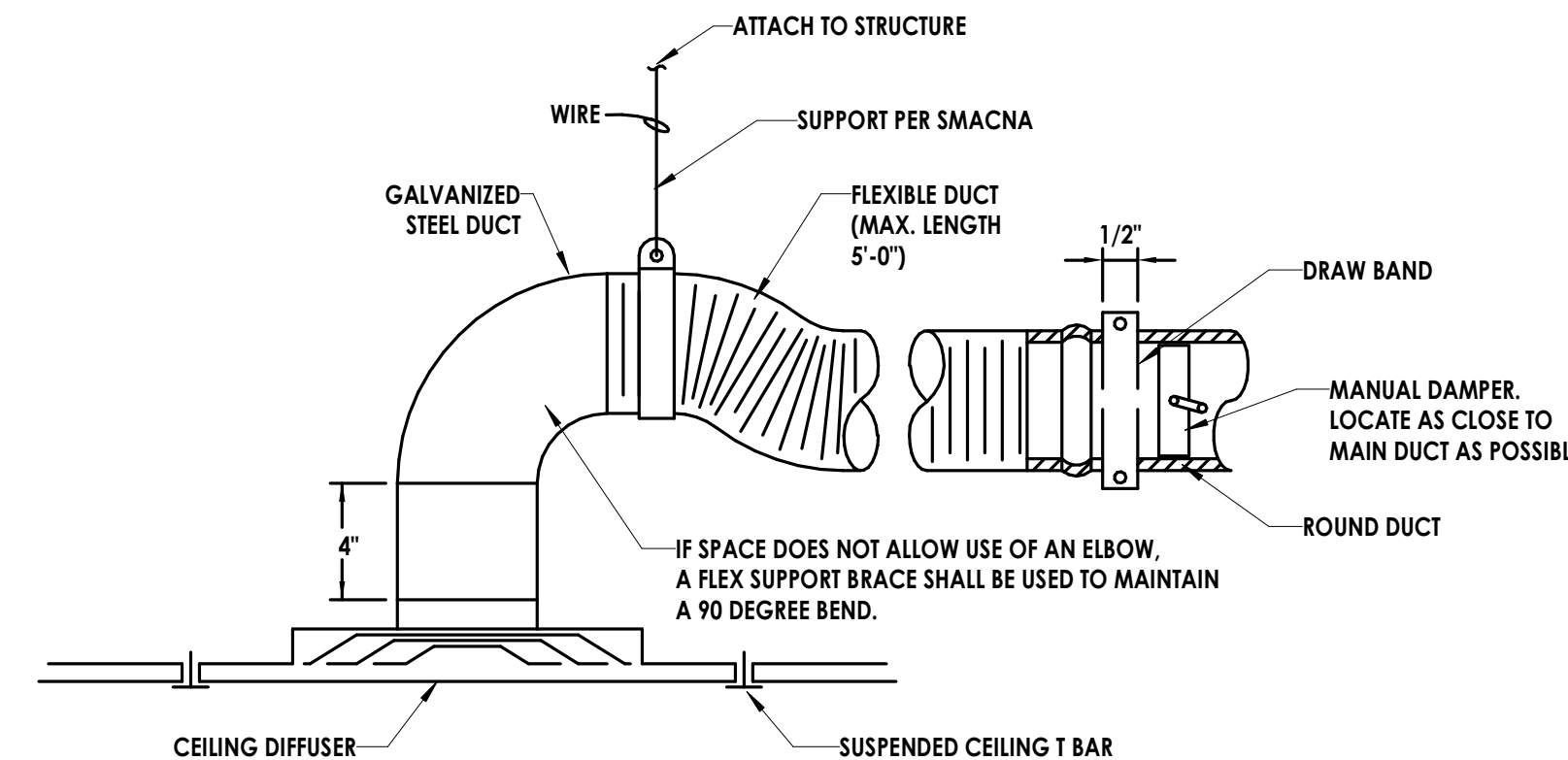


- NOTE:**
1. MAINTAIN MANUFACTURER'S REQUIRED ACCESS CLEARANCE FOR ALL CONTROL PANELS.

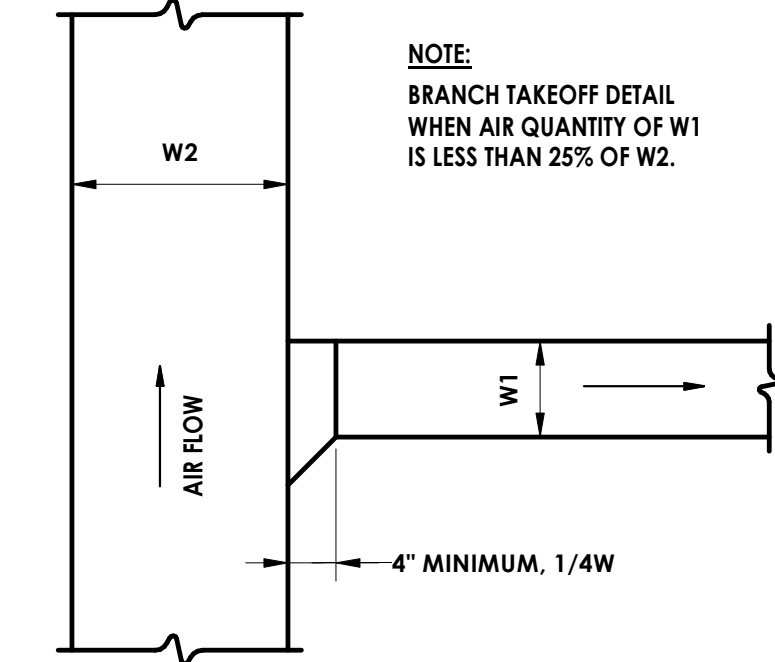
7 FCU UNIT INSTALLATION DETAIL
 H800 NOT TO SCALE



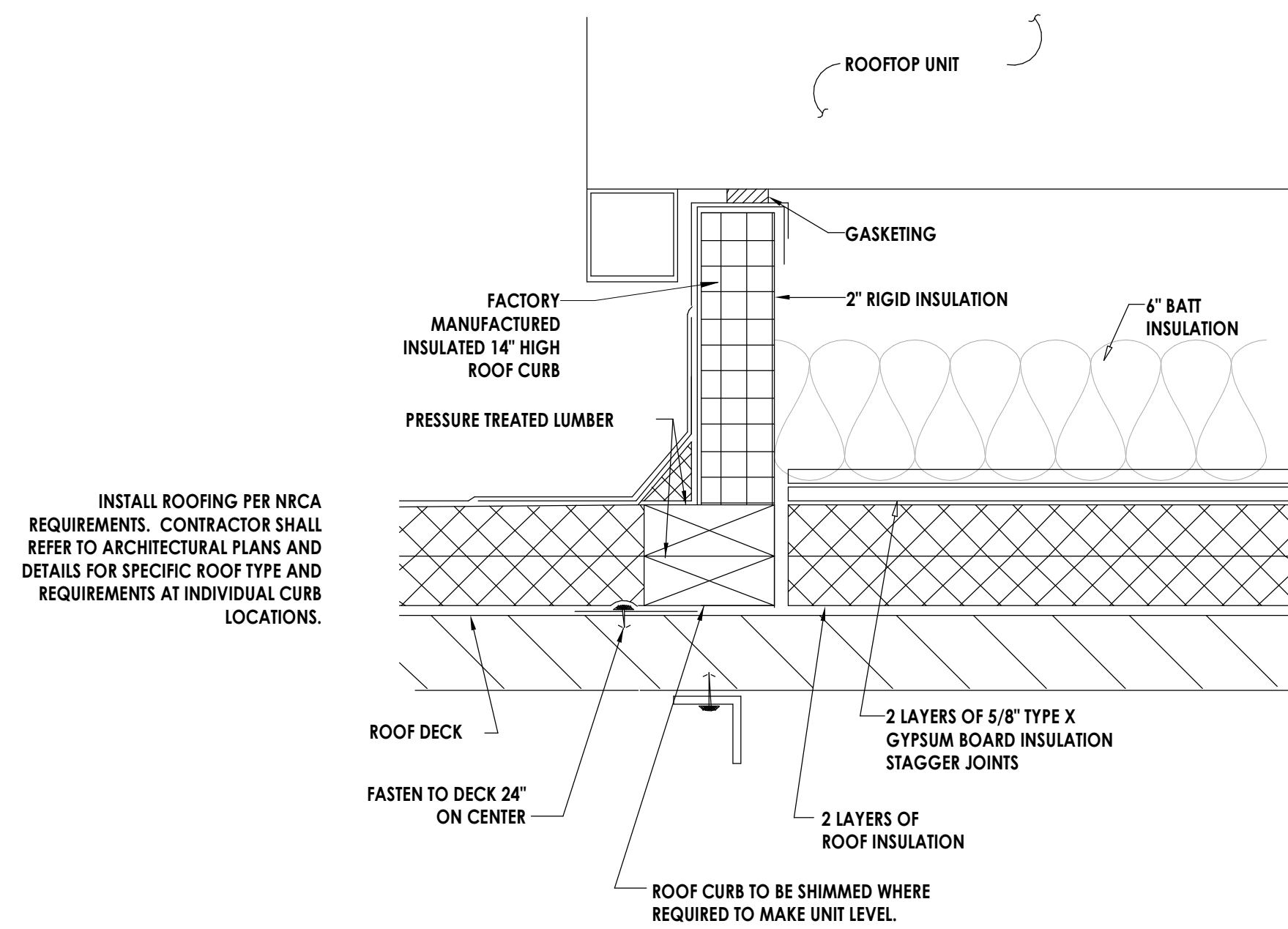
6 EQUIPMENT BASE
 H800 NOT TO SCALE



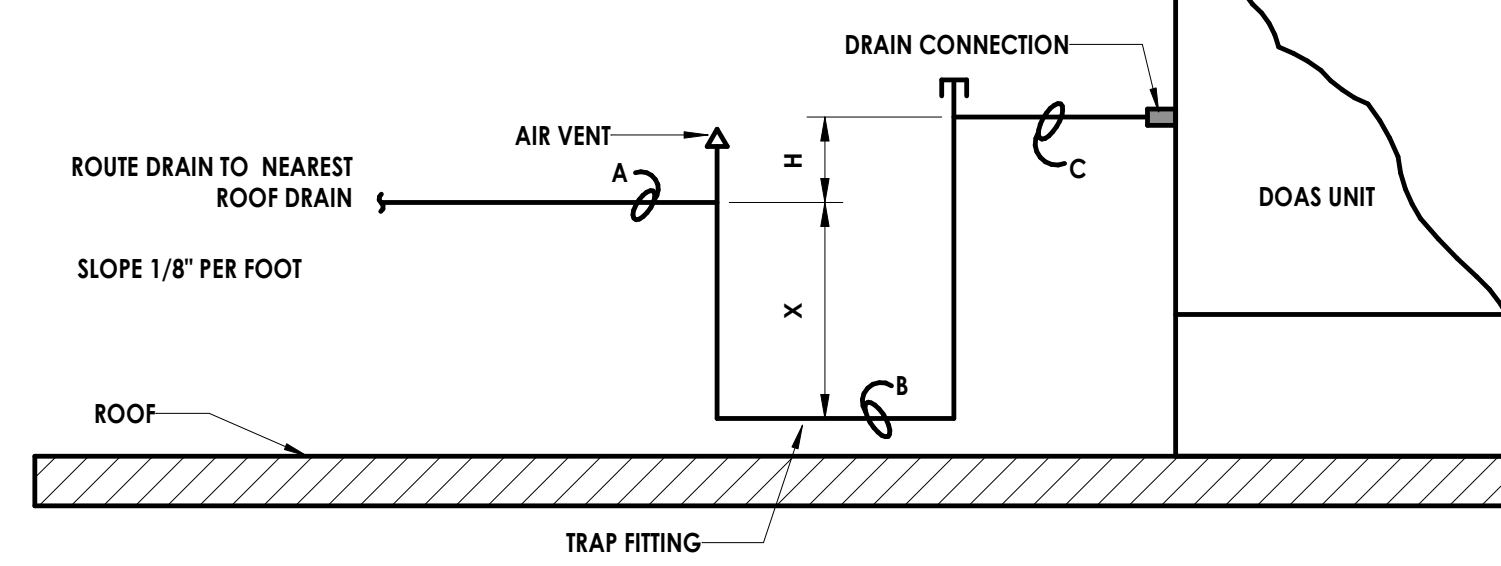
5 DIFFUSER DETAIL
 H800 NOT TO SCALE



4 BRANCH TAKE-OFF DETAIL
 H800 NOT TO SCALE



3 ROOF CURB DETAIL
 H800 NOT TO SCALE

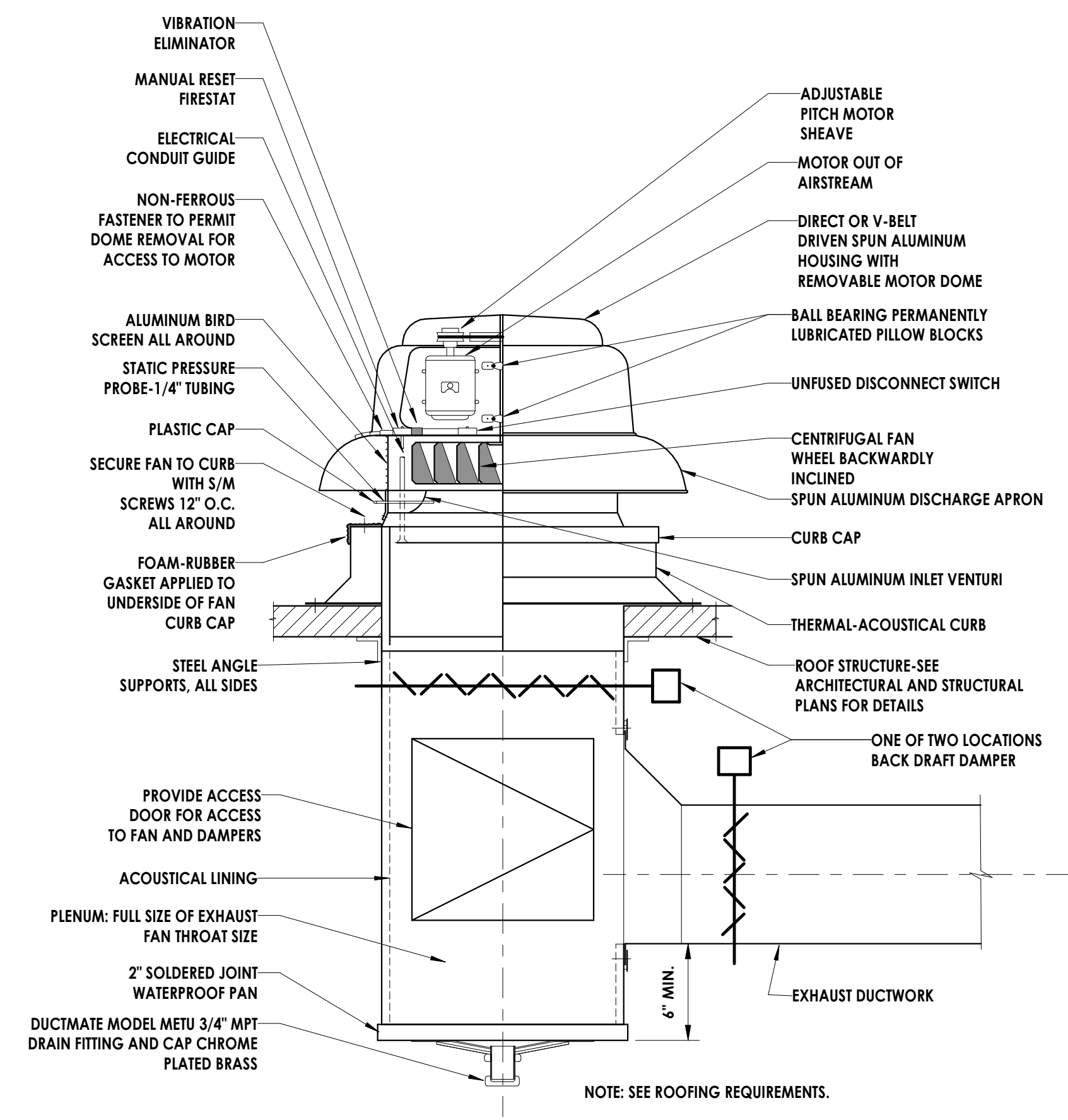


TOTAL TRAP HEIGHT = $X + H + (1/2 \times \text{PIPE DIAMETER})$
 = B.O.P. AT A TO T.O.P. AT C.
 X = B.O.P. AT A TO T.O.P. AT B
 H = B.O.P. AT A TO T.O.P. AT C
POSITIVE STATIC PRESSURES:
 X = AT LEAST 1" PLUS CASING STATIC PRESSURE
 H = AT LEAST 1"
NEGATIVE STATIC PRESSURES:
 X = 1/2H
 H = AT LEAST 1"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

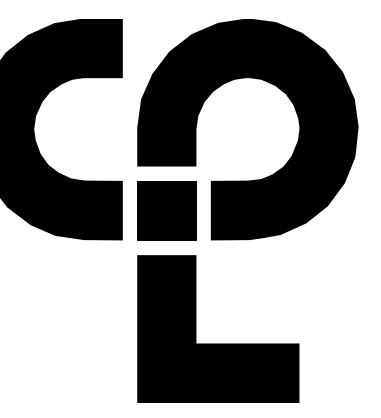


1 EXHAUST FAN DETAIL
 H800 NOT TO SCALE

PROFESSIONAL STAMPS



SHEET INFORMATION
 Name: Scale: As Indicated
 Date: 05/09/2024
 Project Status: 100% CONSTRUCTION DOCUMENTS
 Drawn By: LBS Checked By: GPK
 Drawing Title: HVAC DETAILS
 Drawing Number:



CPL | Architecture Engineering Planning
 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 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

1 07/03/2024 JUNE ROCK HILL COMMENTS

PROFESSIONAL STAMPS

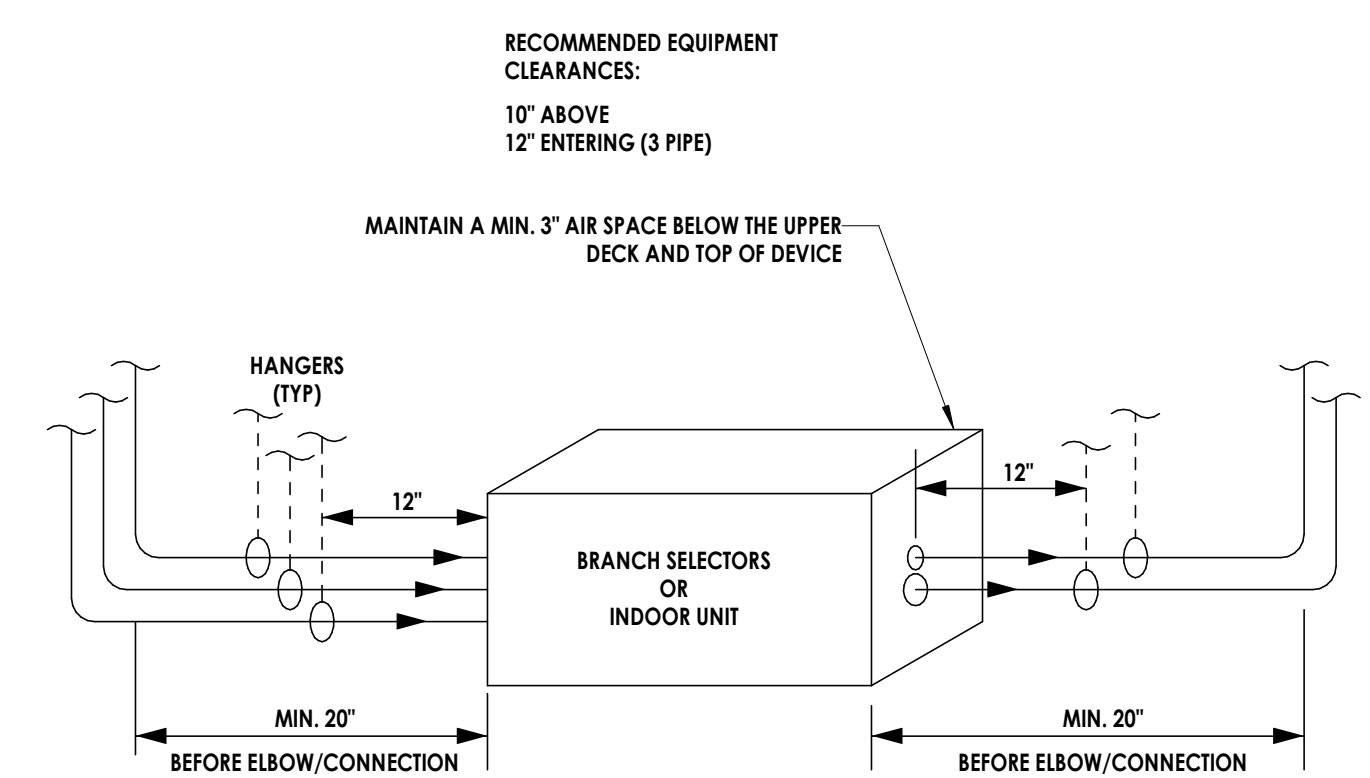


SHEET INFORMATION

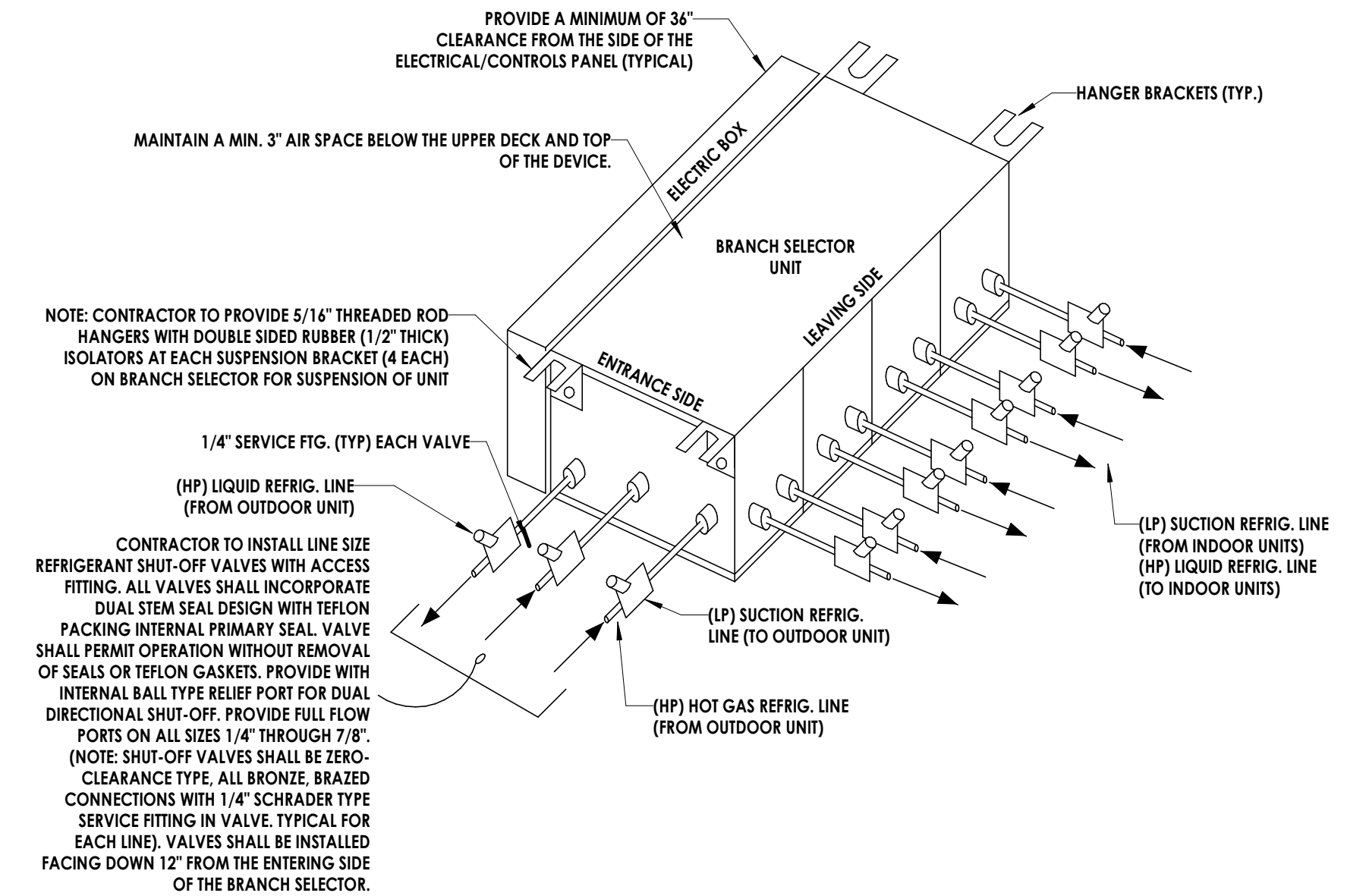
Date: 05/09/2024 Scale: NOT TO SCALE
 Project Status: 100% CONSTRUCTION DOCUMENTS
 Drawn By: LBS Checked By: GPK
 Drawing Title: DETAILS CONTINUED

Drawing Number:

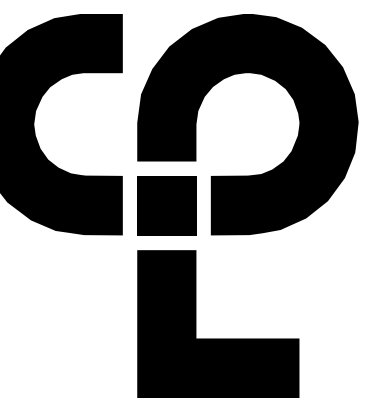
H801



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



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



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

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 MOCOP	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			REMARKS
													V/PH	MCA (A)	MOP (A)	
HRU-1	DAIKIN	REYQ336AATJA (REYQ168AATJA + REYQ168AATJA)	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-KA12NAHZ	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
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: LBS Checked By: GPK
Drawing Title: HVAC SCHEDULES

Drawing Number: -

H900

PLUMBING SPECIFICATIONS

EXISTING WASTE & WATER PIPING DOCUMENTATION

THE CONTRACTOR SHALL FIELD SURVEY & CAMERA, TO DOCUMENT ALL LOCATIONS, SIZES, INVERTS, & CONDITION OF EXISTING WASTE & WATER PIPING. ANY AREAS OF CONCERN SHALL BE SHARED WITH THE OWNER, GENERAL CONTRACTOR & ENGINEER WITH THE ENGINEER IN A WRIE TIME FOR REVIEW PRIOR TO ANY NEW WORK BEGINNING. ALL VIDEO SHALL BE PROVIDED ON A FLASH DRIVE OR VIA FTP DIGITAL SUBMISSION, AND ARE TO BE ACCOMPANIED BY A VOICE DESCRIPTION OF THE PIPE SIZES AND LOCATIONS SHALL BE INCLUDED ON THE PROJECT AS-BUILT.

DRAINAGE PIPING (SANITARY):

ALL UNDERGROUND SANITARY & VENT PIPING SHALL BE **SOLID CORE** SCHEDULE 40 PVC-DWV PIPE AND FITTINGS SHALL BE MANUFACTURED FROM PVC COMPOUND WITH A CELL CLASS OF 12454 OF ASTM D 1784 AND CONFORM WITH NSF STANDARD 14. PIPE SHALL BE IRON PIPE SIZE (IPS) CONFORMING TO ASTM D 1785 AND ASTM D 2665 ALL PIPE AND FITTINGS TO BE PRODUCED BY A SINGLE MANUFACTURER AND ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODE REQUIREMENTS. THE SYSTEM SHALL BE HYDROSTATICALLY TESTED AFTER INSTALLATION TO 10 FT. OF HEAD (4.3 PSI MAXIMUM).

ALL ABOVE GROUND SANITARY & VENT PIPING SHALL BE HUBLESS CAST IRON PIPE AND FITTINGS SHALL BE MANUFACTURED FROM GRAY CAST IRON AND SHALL CONFORM TO ASTM A 888 AND CSIP STANDARD 301. ALL PIPE AND FITTINGS SHALL BE MARKED WITH THE COLLECTIVE TRADEMARK OF THE CAST IRON SOIL PIPE INSTITUTE® AND LISTED BY NSIP INTERNATIONAL. HUBLESS COUPLINGS SHALL BE **HUSKY 4000** STAINLESS WITH NEOPRENE GASKETS, CONFORM TO CSIP STANDARD 310. SHALL BE MANUFACTURED IN THE UNITED STATES, AND BE CERTIFIED BY NSIP INTERNATIONAL. HEAVY DUTY COUPLINGS SHALL CONFORM TO ASTM C 1540. SHALL BE MANUFACTURED IN THE UNITED STATES, AND SHALL BE USED IF INDICATED. GASKETS SHALL CONFORM TO ASTM C 564. ALL PIPE AND FITTINGS TO BE PRODUCED BY A SINGLE MANUFACTURER AND ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODE REQUIREMENTS. TIGHTEN BANDS WITH A PROPERLY CALIBRATED TORQUE LIMITING DEVICE. THE SYSTEM SHALL BE HYDROSTATICALLY TESTED AFTER INSTALLATION TO 10 FT. OF HEAD (4.3 PSI MAXIMUM).

NO DOUBLE COMBINATIONS ALLOWED.
ALL SEWER AND WATER PIPES SHALL BE INSTALLED IN SEPARATE TRENCHES, GRADED UNIFORMLY TO PROVIDE SOLID BEARING AND REQUIRED FALL. UPON COMPLETION OF THESE AND INSPECTIONS, BACKFILL WITH APPROVED MATERIAL IN 12" LIFTS, TAMPED TO 95% RELATIVE COMPACTION. LIFTS LESS THAN 12" ARE ALLOWED WITH ADEQUATE PROTECTION OF THE PIPE. LIFTS MORE THAN 12" MUST BE APPROVED BY THE ENGINEER.

FLUSH, CLEAN, AND SCOPE ALL BELOW SLAB WASTE PIPING WITH CAMERA PRIOR TO SLAB BEING POURED. CAMERA SCOPE SHALL BE TAKE PLACE IMMEDIATELY AFTER WATER HAS BEEN DRAINED FROM THE PIPE AND AFTER BACKFILL AND COMPACTION. PROVIDE VIDEO TO ENGINEER IN AMBLE TIME FOR REVIEW PRIOR TO ANY SCHEDULED SLAB POUR. CONTRACTOR SHALL REMOVE AND REPAIR PIPING TO A SATISFACTORY CONDITION. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL CAMERA BELOW SLAB PIPE, AND PROVIDE VIDEO OF FINAL CONDITIONS WITH DESCRIPTION OF THE PIPE LOCATIONS TO THE OWNER THROUGH THE ARCHITECT. ALL VIDEO SHALL BE PROVIDED ON A FLASH DRIVE OR VIA FTP DIGITAL SUBMISSION, AND ARE TO BE ACCOMPANIED BY A VOICE DESCRIPTION OF THE PIPE SIZE AND LOCATION THAT MATCHES THE PIPING SHOWN ON THE PLUMBING DRAWINGS.

DOMESTIC WATER PIPING:
ALL ABOVE GROUND DOMESTIC WATER PIPING SHALL BE LEAD-FREE TYPE "L" COPPER WITH 95.5% SOLDER JOINTS WITH NSF 61 LABEL. ALL BELOW GROUND DOMESTIC WATER PIPING SHALL BE LEAD-FREE TYPE "L" COPPER WITH NOT JOINTS BELOW GRADE.

BALL VALVES:
LEAD-FREE ALL BRONZE FULL PORT BALL VALVE WITH 2-1/4" STEM EXTENSION, MULTI-FILL MPFTE SEALS AND STEM PACKING, AND "SOLID BALL" DESIGN THAT DELIVERS TRUE FULL-PORT FLOW PERFORMANCE. ANSI/NSF 61-8 180 F (MECHANICAL DEVICES)

HECK VALVES:
MSS 312 LEAD-FREE ALL BRONZE SWING "HORIZONTAL FLOW" ASTM B 62. THREADED, SOLDERED, AND PRESS. PIPE DISC.

BALANCE VALVES:
CIRCUIT SOLVER SHALL REGULATE THE FLOW OF RETICULATED DOMESTIC HOT WATER BASED ON ENTERING TEMPERATURE THE CIRCUIT SOLVER ASSEMBLY REGARDLESS OF SYSTEM OPERATING PRESSURE. AS THE WATER TEMPERATURE INCREASES THE VALVE PROPORTIONAL CLOSURE DYNAMICALLY ADJUSTING FLOW TO MEET THE SPECIFIED TEMPERATURE.
NSF/ANSI 61 AND ZERO LEAD CONTENT CERTIFIED.

PIPE INSULATION:
FLAMESKORE RATINGS PRIMES COMPOSITE PIPING INSULATION INSULATION, JACKETS, COVERINGS, SEALS, MASTIC AND ADHESIVES) WITH FLAME SPREAD RATINGS OF 25 OR LESS AND SMOKE-DEVELOPED RATING OF 50 OR LESS, AS TEST BY ASTM E84 (NFPA 255) METHOD.

INSULATION FOR PIPING AND FITTINGS SHALL BE FIBERGLASS WITH ALL SERVICE JACKET VAPOR BARRIER CONSISTING OF WHITE KRAFT PAPER BONDED TO ALUMINUM FOIL, REINFORCED WITH FIBERGLASS YARN, SUITABLE FOR PAINTING.

HANGERS-ISOLATORS:
HORIZONTAL LINES SHALL HAVE HANGERS AND RODS ADEQUATE FOR SIZE, MATERIAL, AND SERVICE. INCONSISTENCY WITH PLUMBING CODE AND MANUFACTURER'S RECOMMENDATION. ALL HANGERS IN CONTACT WITH COPPER PIPING SHALL BE COPPER OR COPPER CLAD.

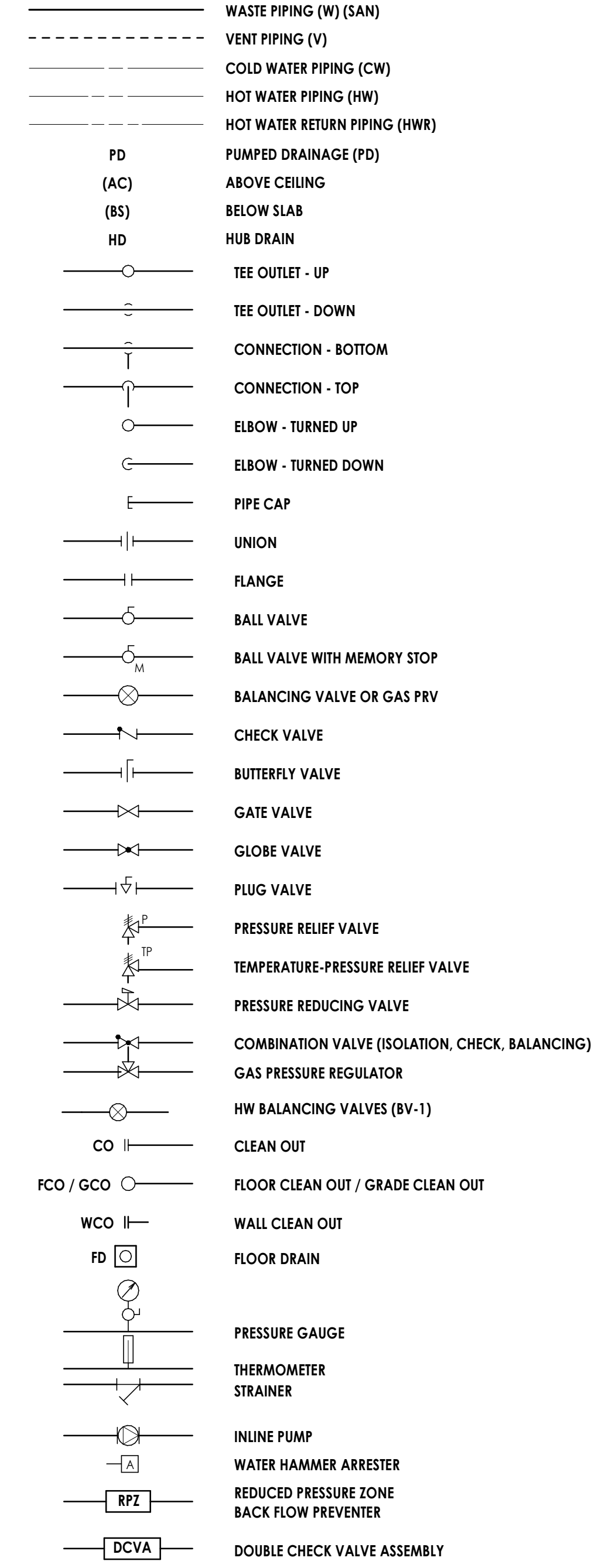
PIPE IDENTIFICATION:
PROVIDE PIPE MARKERS ON PIPING OF THE FOLLOWING PIPING SYSTEMS): FOR EACH SYSTEM IDENTIFIED USE BOLD LETTERING A MINIMUM OF 1/2" HIGH. PIPE MARKERS SHALL MATCH THE EXISTING COLOR SCHEME AND WORDING USED IN THE EXISTING BUILDING, IF A STANDARDIZED SYSTEM IS NOT UTILIZED, THEN THE FOLLOWING SHALL BE USED.

SYSTEM IDENTIFIED	PIPE MARKER COLOR	LETTERING COLOR
COLD WATER	GREEN	WHITE
HOT WATER	YELLOW	BLACK (INDICATING TEMP)

LOCATE PIPE MARKERS WHEREVER PIPING IS EXPOSED TO VIEW IN OCCUPIED SPACES, ACCESSIBLE MAINTENANCE SPACES (SHAFTS, TUNNELS, PLenums) AND EXTERIOR NON-CONCEALED LOCATIONS, ON PIPING ABOVE REMOVABLE ACoustical Ceilings, AND ALL OTHER AREAS SPACED INTERMEDIATELY AT MAXIMUM SPACING OF 50 FT ALONG EACH RUN, EXCEPT REDUCED SPACING TO 25 FT IN CONGESTED AREAS OF PIPING AND EQUIPMENT. PRINT EACH PIPE MARKER WITH ARROWS INDICATING DIRECTION OF FLOW, EITHER INTEGRALLY WITH PIPING SYSTEM SERVICE LETTERING OR AS A SEPARATE UNIT.

FIRE STOPPING:
FIRE STOP ALL PENETRATIONS BY PIPING OF EXISTING AND/OR NEW FIRE RATED WALLS, FLOORS, AND PARTITIONS. PROVIDE A DEVICE(S) OR SYSTEM(S) WHICH HAS BEEN TESTED AND LISTED AS COMPLYING WITH ASTM E-84. INSTALL THE DEVICE(S) OR SYSTEM(S) IN ACCORDANCE WITH AN 'F' RATING EQUAL TO THE RATING ASSEMBLY BEING PENETRATED.

PLUMBING / PIPING LEGEND



PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE TYPE	OPERATION	GPM/GFF	MANUFACTURER	CATALOG NO.	CONNECTION SIZES			DESCRIPTION	TRAP AND SUPPLIES	ACCESSORIES	MOUNTING	REMARKS
						WASTE	C.W.	H.W.					
W1	FLOOR MOUNTED TANK TYPE WATER CLOSET ELONGATED VITREOUS CHINA BOWL, 16-1/2" RIM HEIGHT	MANUAL	1.28 GPF	KOHLER	KINGSTON K-25087-S5	4"	1"	-	TWO-PIECE ELONGATED TOILET. 17-1/2" HIGH SUPPLY WITH TOP K-5420 LOW PROFILE BOLT CAPS. K-23276 DRAIN TREATMENT.		CHURCH MODEL 9500 S5CT HEAVY DUTY ELONGATED WITH STAIRS COMMERCIAL FASTENING SYSTEM.	FLOOR MOUNTED	GENERAL USE MODIFY EXISTING PIPING AS REQUIRED FOR NEW PLUMBING FIXTURE
W2	FLOOR MOUNTED TANK TYPE WATER CLOSET ELONGATED VITREOUS CHINA BOWL, 16-1/2" RIM HEIGHT	MANUAL	1.28 GPF	KOHLER	KINGSTON K-25077-S5	4"	1/2"	-	TWO-PIECE ELONGATED TOILET. 17-1/2" HIGH SUPPLY WITH TOP K-5420 LOW PROFILE BOLT CAPS. K-23276 DRAIN TREATMENT.		CHURCH MODEL 9500 S5CT HEAVY DUTY ELONGATED WITH STAIRS COMMERCIAL FASTENING SYSTEM.	FLOOR MOUNTED	FOR HANDICAP AND GENERAL USE MODIFY EXISTING PIPING AS REQUIRED FOR NEW PLUMBING FIXTURE
U1	WALL MOUNTED FLUSH VALVE URINAL	SENSOR	0.50 GPF	KOHLER	STAINHILL K-25048-ET	2"	3/4"	-	SLOAN G2 B11-1-28 1.28 GPF, CHROME TOP SPUD SENSOR (BATTERY) OPERATED FLUSH VALVE, SOLID PIPE SUPPLY, & COURTESY OVERRIDE BUTTON, ADA COMPLIANT HANDLE			WALL MOUNTED	FOR HANDICAP AND GENERAL USE MODIFY EXISTING PIPING AS REQUIRED FOR NEW PLUMBING FIXTURE
L1	WALL MOUNTED LAVATORY (ASSE 1070 MIXING VALVE INCLUDED WITH FAUCET)	MANUAL	0.5 GPM	KOHLER	GREENWICH K-2031-N	1-1/2"	1/2"	1/2"	20-3/4" x 18-1/4" WALL MOUNTED VITREOUS CHINA WITH SINGLE HOLE DRILLING	MCUIRE 9102C P-T-RAP MCUIRE LFBV216S SUPPLY KIT PLUMBERX - X4333 PRO-EXTREME KIT	T&S BRASS SENSOR FAUCET EC-3102-VF5-TM-V SINGLE HOLE, DECK MOUNT, CAST SPOUT W/1/2" GPM VR NON-ABRATED ABRASOR, A/C/D/C CONTROL MODULE WITH INTEGRAL FLOW CONTROL SETTINGS, TMV ASE 1070 THERMOSTATIC TEMPERATURE CONTROL MIXING VALVE WITH INTEGRAL CHECK VALVES & 1/2" STAINLESS STEEL HOSES	WALL MOUNTED	FOR HANDICAP AND GENERAL USE MODIFY EXISTING PIPING AS REQUIRED FOR NEW PLUMBING FIXTURE
L2	CABINET MOUNTED LAVATORY (ASSE 1070 MIXING VALVE INCLUDED WITH FAUCET)	MANUAL	0.5 GPM	KOHLER	PENNINGTON K-2191-J	1-1/2"	1/2"	1/2"	20-1/4" OVAL DROP-IN VITREOUS CHINA WITH OVERFLOW DRAIN, SINGLE FAUCET HOLE	MCUIRE 155A GRID STRAINER MCUIRE 8920C P-T-RAP MCUIRE LFBV216S SUPPLY KIT	T&S BRASS SENSOR FAUCET EC-3102-VF5-TM-V SINGLE HOLE, DECK MOUNT, CAST SPOUT W/1/2" GPM VR NON-ABRATED ABRASOR, A/C/D/C CONTROL MODULE WITH INTEGRAL FLOW CONTROL SETTINGS, TMV ASE 1070 THERMOSTATIC TEMPERATURE CONTROL MIXING VALVE WITH INTEGRAL CHECK VALVES & 1/2" STAINLESS STEEL HOSES	CABINET MOUNTED	FOR HANDICAP AND GENERAL USE MODIFY EXISTING PIPING AS REQUIRED FOR NEW PLUMBING FIXTURE
EW-C1	BLEVEL ADA HANDS FREE ACTIVATION WITH EP500 BOTTLING STATION	MANUAL	N/A	ELKAY	EDOB8W5SK	1-1/2"	1/2"	X	BLEVEL ADA WATER COOLER WITH EP500 BOTTLING STATION WITH REFILL, 8.0 GPM, ANTIMICROBIAL GREEN TONER HANDLES FREE, FIBERGLASS SAFETY BUMPER, LEAD REDUCTION QUICK FILTER CHANGE, UNIT SHALL COMPLY WITH NSF/ANSI 61 & 372.	MCUIRE 8920C P-T-RAP MCUIRE LFBV216S SUPPLY KIT	WALL MOUNTED	FOR HANDICAP AND GENERAL USE MODIFY EXISTING PIPING AS REQUIRED FOR NEW PLUMBING FIXTURE	
S1	BREAKROOM SINK SINK & BOWL (PROVIDE ASSE 1070 MIXING VALVE BELOW SINK)	MANUAL	1.0 GPM	ELKAY	LRA2022APD-3	1-1/2"	1/2"	1/2"	BLEVEL ADA WATER COOLER WITH EP500 BOTTLING STATION WITH REFILL, 8.0 GPM, ANTIMICROBIAL GREEN TONER HANDLES FREE, FIBERGLASS SAFETY BUMPER, LEAD REDUCTION QUICK FILTER CHANGE, UNIT SHALL COMPLY WITH NSF/ANSI 61 & 372. SINK: 19-1/2" X 22" X 8" PREP SINK 18 GAUGE STAINLESS STEEL DROP-IN SINGLE BOWL WITH A LUSTROUS SATIN FINISH. THREE HOLE FOR FAUCET & PERFECT DRAIN, ADA COMPLIANT, 16.5 BRASS 3/8-16x3.5 1/2" CONCEALED DECK MOUNT MIXING FAUCET FAUCET: 16.5 BRASS 3/8-16x3.5 1/2" CONCEALED DECK MOUNT MIXING FAUCET WITH CERAMIC CARTRIDGE WITH CHECK VALVES, 4" WRIST BLANDED HANDLE, MEETS ADA A117.1 REQUIREMENTS & ASSE 101.	ELKAY LEPD1 PERFECT DRAIN SINK STRAINER MCUIRE 8912C P-T-RAP W/CO PLUG MCUIRE LFBV216S SUPPLY KIT PLUMBERX HANDS SHIELD - 2003 PROVIDE T&S BRASS P-T-RAP W/CO PLUG ASSE 1070 APPROVED MIXING VALVE	CABINET MOUNTED	FOR HANDICAP AND GENERAL USE MODIFY EXISTING PIPING AS REQUIRED FOR NEW PLUMBING FIXTURE	
SH1	SHOWER VALVE	MANUAL	1.5 GPM	CHICAGO	SH-PH1-13-032	2"FD	1/2"	1/2"	SHOWER VALVE, CHICAGO FAUCET MODEL SH-PH1-13-032 SHOWER SYSTEM WITH PRESSURE BALANCING VALVE, INTEGRAL SERVICE STOPS, DIVERTER VALVE, SHOWER HEAD WITH BALL JOINT, 1.5 GPM MAX., INCLUDING ARM AND WALL HANDLE, HAND SPRAY WITH 1.5 GPM MAX. WITH 9" STAINLESS STEEL HOSE & FAUSE CONTROL, 48" WALL MOUNTED SLIDE BAR, WALL ELBOW WITH IN-LINE VACUUM BREAKER, UNIT SHALL COMPLY WITH ADA AND ICC A117.1 REQUIREMENTS & ASSE 101.	COORDINATE INSTALLATION OF SHOWER VALVE WITH GENERAL CONTRACTOR.		FOR HANDICAP AND GENERAL USE SEE DETAIL 3/P000	
CM-1	COFFEE MAKER WITH WATER FILTER SEE DETAIL 4/P000	MANUAL	N/A	GATEY	39152	N/A	1/2"	-	GATEY WATER OUTLET BOX WITH 1/4" TURN VALVE & WATER HAMMER ARRESTOR WATER FILTER: 9M MODEL BREVIL RAMAS-0.5 MICRON FILTER ASSEMBLY, PROVIDE WAITS S33 ASSE 1022 BACKFLOW DEVICE.		WALL MOUNTED	COORDINATE INSTALLATION WITH GENERAL CONTRACTOR.	
IMB-1	ICE MAKER BOX FOR REFRIGERATOR WITH WATER FILTER & FLEX HOSE SEE DETAIL 5/P000	MANUAL	N/A	GATEY	39142	N/A	1/2"	-	GATEY WATER OUTLET BOX WITH 1/4" TURN VALVE & WATER HAMMER ARRESTOR & 5.5 HOSES TO ICE MAKER AT REFRIGERATOR WATER FILTER: 9M MODEL ICE-025-0.5 MICRON FILTER ASSEMBLY, PROVIDE WAITS S33 ASSE 1022 BACKFLOW DEVICE.		WALL MOUNTED	COORDINATE INSTALLATION WITH GENERAL CONTRACTOR.	

REMARKS
1. ALL ACCESSIBLE EQUIPMENT/FIXTURES TO BE INSTALLED PER ADA REQUIREMENTS.
2. PLUMBING CONTRACTOR SHALL PROVIDE ALL RISERS, CARRIERS, P-TRAPS, STOPS, STRAINERS, TAIL PIECES, DRAINS, ETC. REQUIRED TO HAVE A COMPLETE INSTALLATION.
3. COORDINATE ALL ROUGH-IN REQUIREMENTS FOR PLUMBING PIPING WITH CABINET/CASEWORK VENDOR.

WATER HEATER & ASSOCIATED EQUIPMENT SCHEDULE

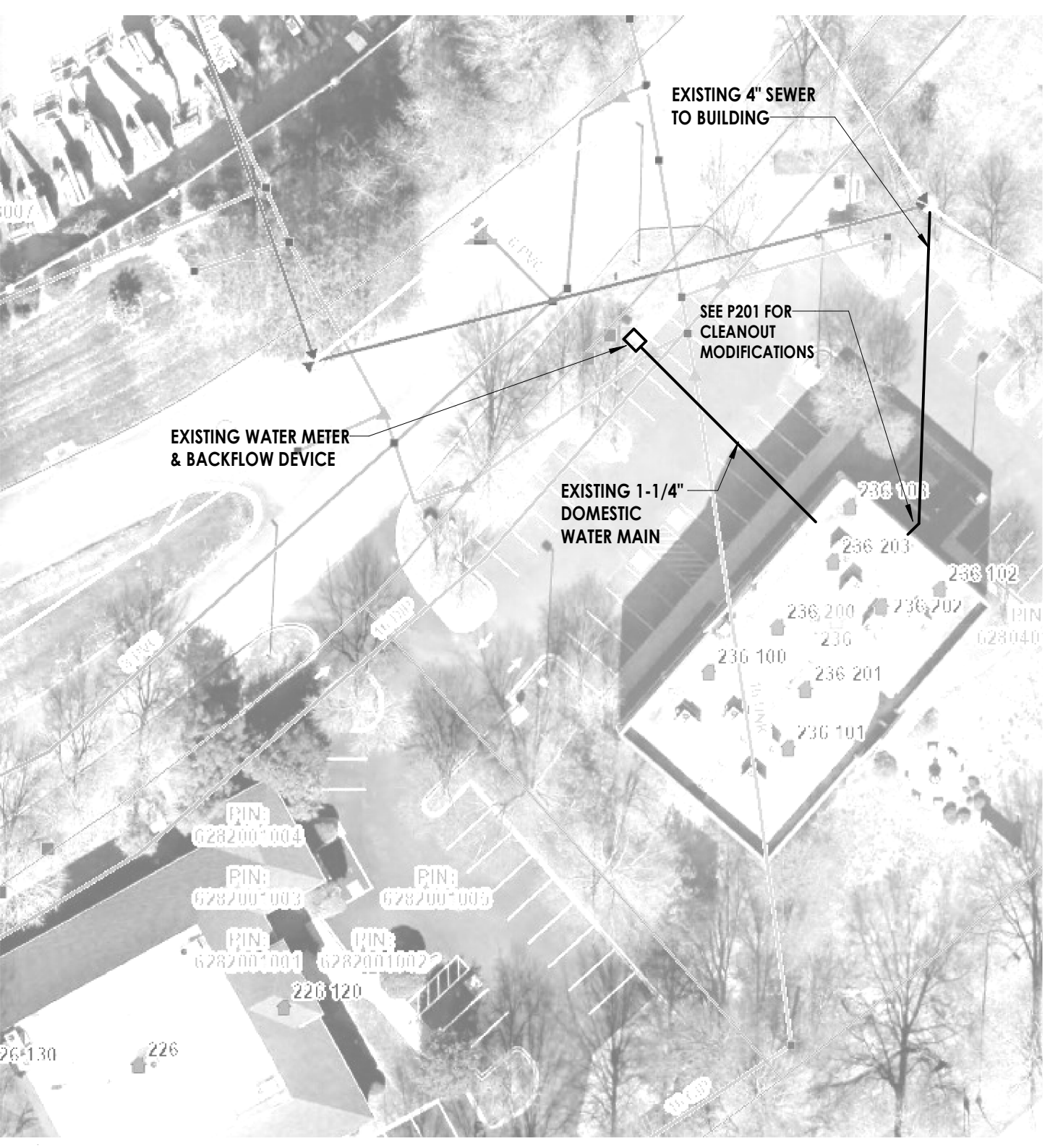
SYMBOLS	DESCRIPTION	MANUFACTURER	MODEL	GAL CAP	KW	VOLT/PH/Hz	FIRST HOUR RATING	GFH RECOVERY	BBS	GEN	MANUFACTURER & MODEL NUMBER	NOTES
WH-2	WATER HEATER	RHEEM / RUDD	EXP06P1U4U0	2.5	1500	120/1/60	N/A	N/A	NO	NO	RHEEM / RUDD "PERFORMANCE - POINT OF USE" LOWBOY ELECTRIC WATER HEATER. SEE WATER HEATER DETAIL 2/P000 ROUTE DRAIN PAN TO DISHWASHER CONNECTION AT SINK BELOW	SEE NOTE 1
WH-3	WATER HEATER	RHEEM / RUDD	EXP06P1U4U0	2.5	1500	120/1/60	N/A	N/A	NO	NO	RHEEM / RUDD "PERFORMANCE - POINT OF USE" LOWBOY ELECTRIC WATER HEATER. SEE WATER HEATER DETAIL 2/P000 ROUTE DRAIN PAN TO DISHWASHER CONNECTION AT SINK BELOW	SEE NOTE 1
ET-1	EXPANSION TANK	AMTROL	ST-5C-DD	2.0	N/A		MAX ACCEPTANCE FACTOR = .45	N/A	NO	NO	ETHER-X-TROL THERMAL EXPANSION TANK, FULL ACCEPTANCE BLADDER ST SERIES - ASME 125 PSIG WORKING PRESSURE, CARBON STEEL CONSTRUCTION, HEAVY DUTY BUTYL BLADDER, STAINLESS STEEL CONNECTIONS, RED OXIDE PRIMER, SCHROEDER AIR VALVE WITH EPDM SEAT, WITH SIGHT GLASS, DESIGNED AND CONSTRUCTED PER ASME CODE SECTION VIII DIVISION 1.	SEE NOTE 1
ET-2	EXPANSION TANK	AMTROL	ST-5C-DD	2.0	N/A		MAX ACCEPTANCE FACTOR = .45	N/A	NO	NO	ETHER-X-TROL THERMAL EXPANSION TANK, FULL ACCEPTANCE BLADDER ST SERIES - ASME 125 PSIG WORKING PRESSURE, CARBON STEEL CONSTRUCTION, HEAVY DUTY BUTYL BLADDER, STAINLESS STEEL CONNECTIONS, RED OXIDE PRIMER, SCHROEDER AIR VALVE WITH EPDM SEAT, WITH SIGHT GLASS, DESIGNED AND CONSTRUCTED PER ASME CODE SECTION VIII DIVISION 1.	SEE NOTE 1
ET-3	EXPANSION TANK	AMTROL	ST-5C-DD	2.0	N/A		MAX ACCEPTANCE FACTOR = .45	N/A	NO	NO	ETHER-X-TROL THERMAL EXPANSION TANK, FULL ACCEPTANCE BLADDER ST SERIES - ASME 125 PSIG WORKING PRESSURE, CARBON STEEL CONSTRUCTION, HEAVY DUTY BUTYL BLADDER, STAINLESS STEEL CONNECTIONS, RED OXIDE PRIMER, SCHROEDER AIR VALVE WITH EPDM SEAT, WITH SIGHT GLASS, DESIGNED AND CONSTRUCTED PER ASME CODE SECTION VIII DIVISION 1.	SEE NOTE 1

NOTES:
1.) SEE PLANS FOR REQUIRED PIPE SIZES.
2.) PROVIDE VOLTAGE CONVERSION KIT AS REQUIRED.

PLUMBING DRAINAGE SCHEDULE

SYMBOLS	DESCRIPTION	LOCATION	MANUFACTURER & MODEL NUMBER	NOTES
FD-A	FLOOR DRAIN	EXISTING RESTROOMS	REPLACE EXISTING FLOOR DRAIN GRATE WITH NEW FLOOR NICKLE BRONZE GRATE.	
FD-B	FLOOR DRAIN	NEW RESTROOM ON 2ND FLOOR	MIFAB SERIES F1000-TS-3-7 (6" DIA.) ROUND TOP SET FINISHED FLOOR DRAIN WITH CAST IRON BODY, SECURING AND ADJUSTABLE HARDWARE, ALLEN KEY VANDAL RESISTANT STAINLESS STEEL SCREWS AND HEAVY DUTY HEEL PROOF STRAINER THAT CAN ADJUSTED VERTICALLY AND SIDE TO SIDE AFTER THE POUR WITH 1/2" THICK COMPOSITE STRAINER PROTECTIVE COVER AND INDICATING WISER	
FCO	FLOOR CLEANOUT	INTERIOR OF BUILDING	MEDIUM DUTY CLEANOUTS SHALL BE CAST IRON BODY, ADJUSTABLE HOUSING, ROUND TOP, INSIDE CALK, BRONZE PLUG, SOLID SATIN NIKALOY SECURED TOP, SMITH 4026, CLEANOUTS IN CARPETED AREAS SHALL HAVE CARPET MARKERS.	SEE NOTE 1
WCO	WALL CLEANOUT	INTERIOR OF BUILDING	MIFAB SERIES C1430-RD-4 OR 6 CAST BRASS CLEANOUT PLUG WITH ROUND, SMOOTH, STAINLESS STEEL ACCESS COVER (4 OR 6 INCH DIA.) AND 3-1/2" LANG ANCHOR SCREW.	SEE NOTE 1
CO	CLEANOUT	INTERIOR OF BUILDING	MIFAB THREADED BRONZE CLEANOUT PLUG AND 1/4" NPT ACCESS HEX HEAD PLUG.	SEE NOTE 1
SA-X	SHOCK ARRESTOR	AT EACH PLUMBING FIXTURE	MIFAB CL SERIES PISTON OPERATED WATER HAMMER ARRESTOR WITH HARD DRAWN SEAMLESS "C" COPPER BODY, RYTON PPS PISTON WITH DOUBLE O-RINGS (PARCO # 5778-80) AND CDA 360 BRASS MPT CONNECTIONS, CERTIFIED TO THE ASSE 1010-1196 AND ANSI A112.26.1 STANDARDS.	WATER HAMMER ARRESTORS SHALL SEED PER MFG. RECOMMENDATIONS.
DW	DISHWASHER CONNECTION	AT EACH BREAK ROOM SINK	PROVIDE DISHWASHER CONNECTION COMPATIBLE WITH THE SINK DRAIN PIPING, SHALL BE INSTALLED PRIOR TO P-TRAP.	
TP-1	TRAP PRIMER ELECTRIC SOLENOID TYPE	AT EACH CONDENSATE P-TRAP	PRECISION PLUMBING PRODUCTS SOLO-PRIME ELECTRONIC TRAP PRIMING MANIFOLD MODEL SP-500-24V WITH INTERFACE WITH LOW VOLTAGE USED TO CONTROL THE (BMS) BUILDING MANAGEMENT SYSTEM - MECHANICAL CONTRACTOR TO PROVIDE THE 24V WIRING AND CONNECTION TO BMS.	SEE DETAIL 8/P801

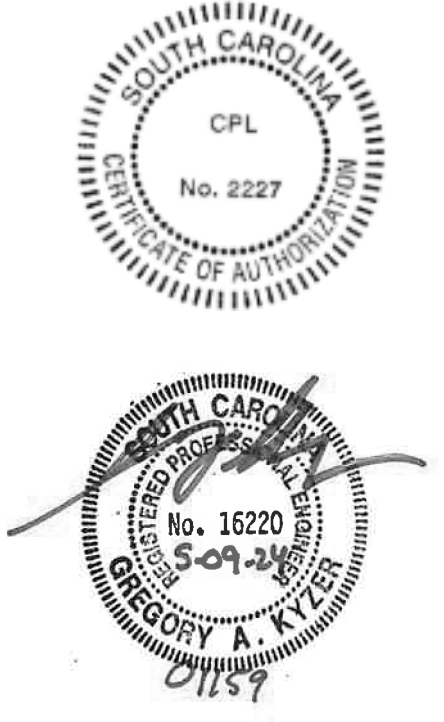
NOTES:
1.) SEE PLANS FOR REQUIRED DRAIN PIPE SIZES.



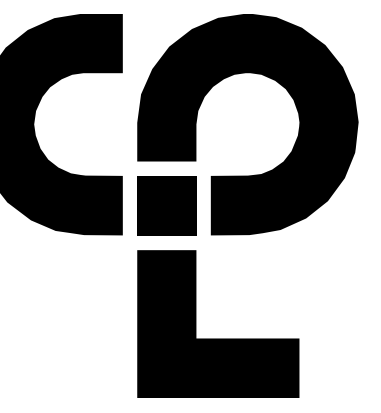
EXISTING SITE UTILITY PLAN

NO SCALE

PROFESSIONAL STAMPS



SHEET INFORMATION
Name: _____
Date: 05/09/2024
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: RLA
Checked By: GPK
Title: PLUMBING LEGEND, NOTES, & SYSTEM DIAGRAMS
Drawing Number: _____



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

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

PROFESSIONAL STAMPS

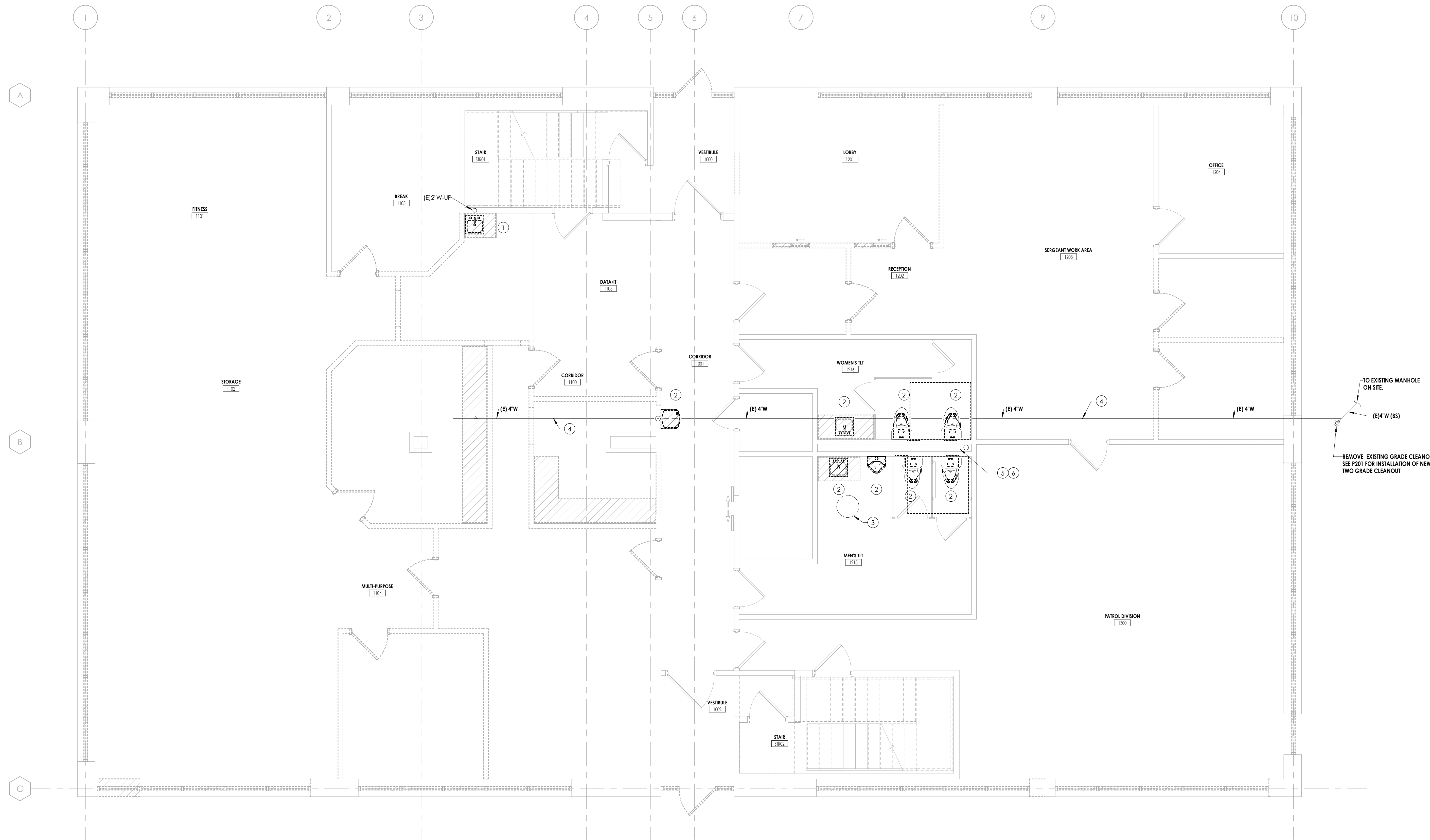


SHEET INFORMATION

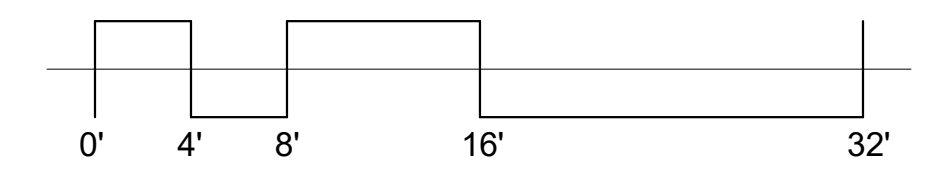
Name: Scale: As indicated
Date: 05/09/2024
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: RJA Checked By: GPK
Drawing Title: FIRST FLOOR - PLUMBING - DEMOLITION
Drawing Number:

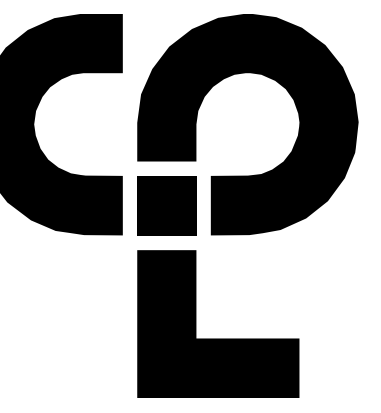
Drawing Number

P101



FIRST FLOOR - PLUMBING - DEMOLITION
P101
1/4" = 1'-0"





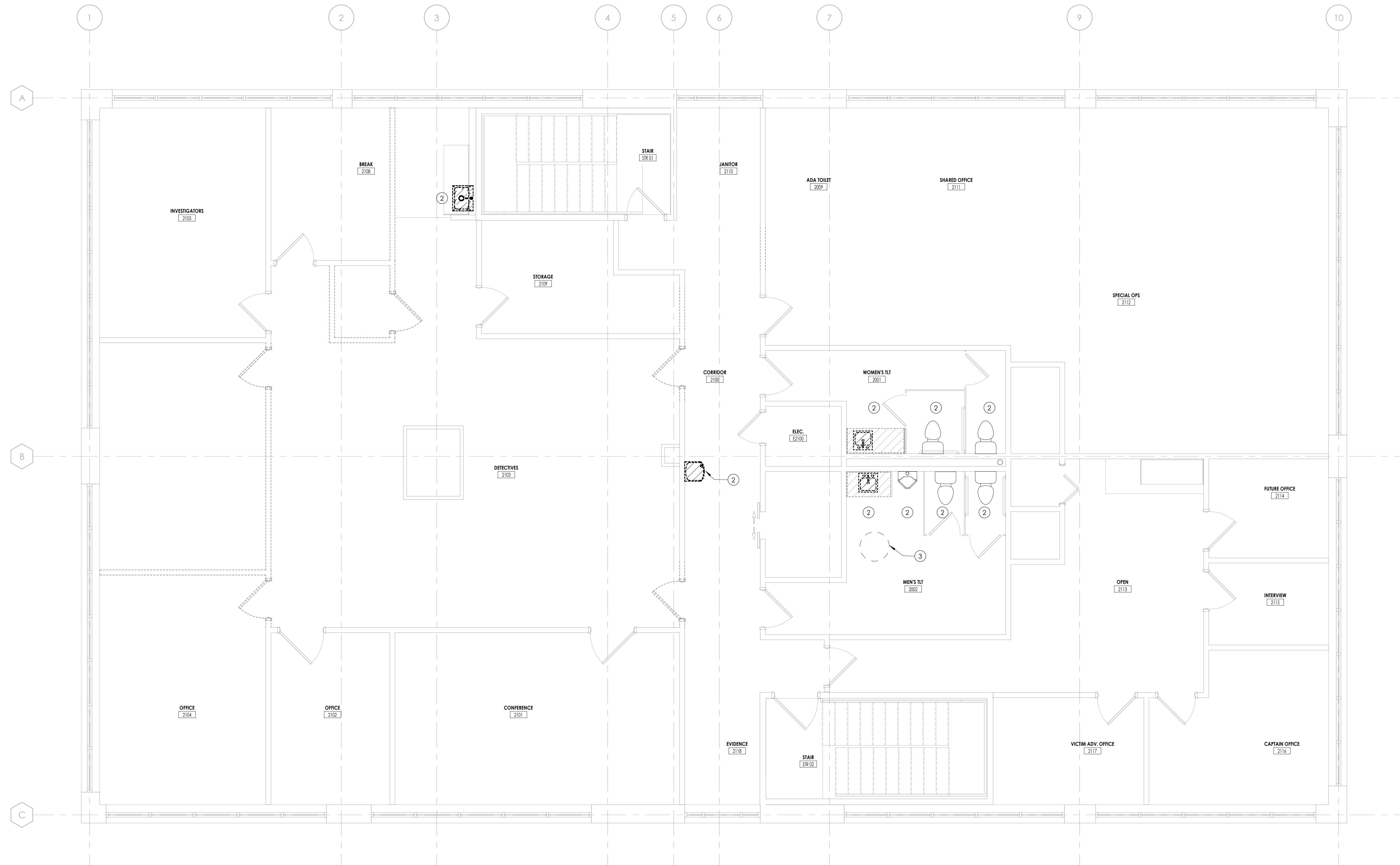
CPL | Architecture Engineering Planning
6302 Fairview Road Suite 102
Charlotte, NC 28210
CPLteam.com

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

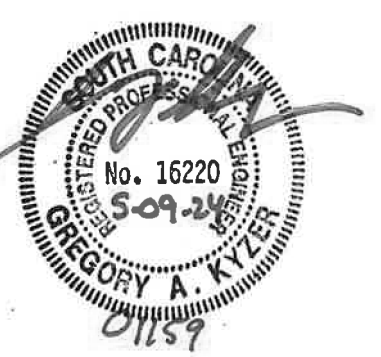
Project Number
R23.00720.00
Client Name
YORK COUNTY, SC
Project Name
DISTRICT 3 SHERIFF'S OFFICE

Project Address
236 Northpark Drive, Rock Hill, SC 29730

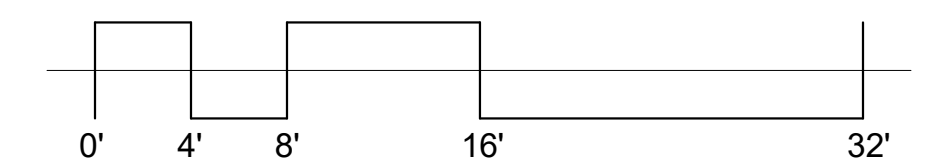
PROJECT ISSUE & REVISION SCHEDULE

7 - Date

PROFESSIONAL STAMPS

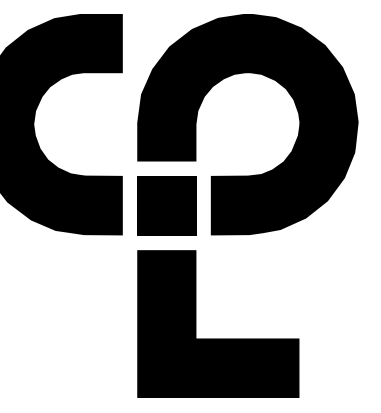


4 5 6
1
P102
1/4" = 1'-0"
TRUE NORTH



SHEET INFORMATION

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



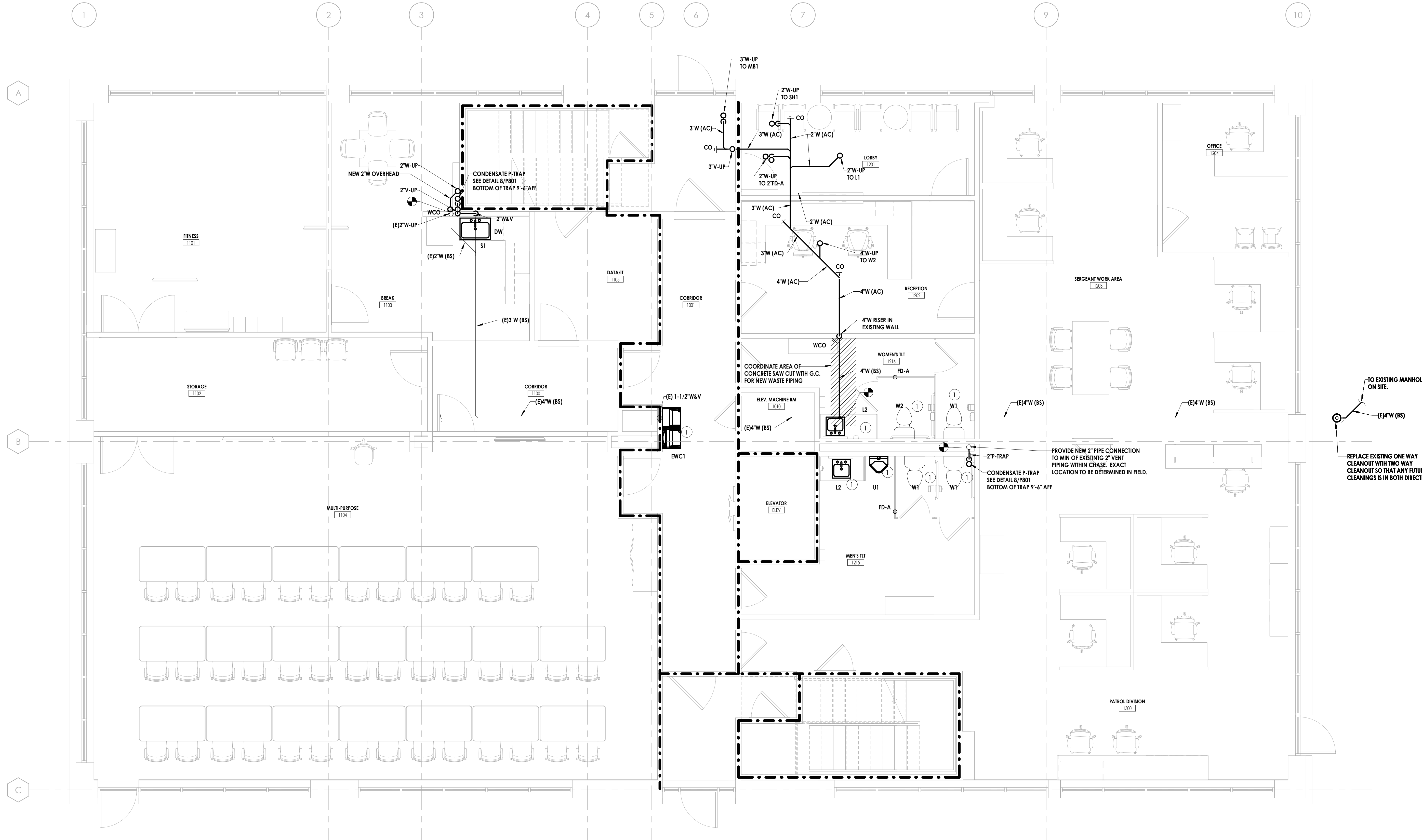
CPL | Architecture Engineering Planning
 6302 Fairview Road Suite 102
 Charlotte, NC 28210
 CPLteam.com

GENERAL NOTES

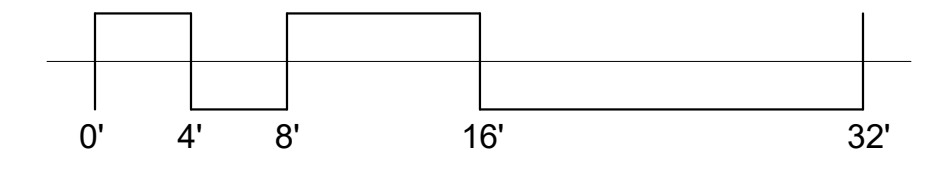
- A. REFER TO P000 FOR LEGEND, SCHEDULES, GENERAL NOTES, & SPECIFICATIONS.
- B. ALL WORK SHALL COMPLY WITH SOUTH CAROLINA PLUMBING CODE, LOCAL & OWNER REQUIREMENTS.
- C. CONTRACTOR SHALL CONFIRM LOCATION & SIZES OF ALL EXISTING WASTE, VENT, & WATER PIPING TO STARTING WORK. SEE NOTE B ON PLUMBING DEMOLITION 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

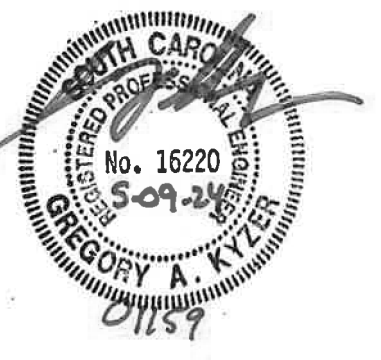
Project Number: R23.00720.00
 Client Name: YORK COUNTY, SC
 Project Name: DISTRICT 3 SHERIFF'S OFFICE

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

PROJECT ISSUE & REVISION SCHEDULE

1 - Date

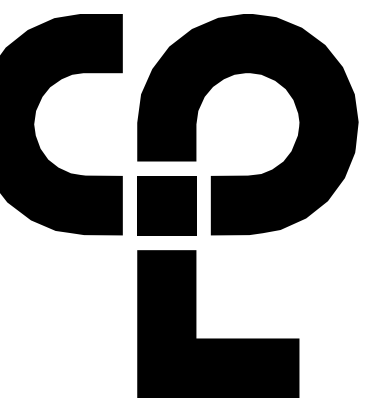
PROFESSIONAL STAMPS



SHEET INFORMATION

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

Drawing Number: -



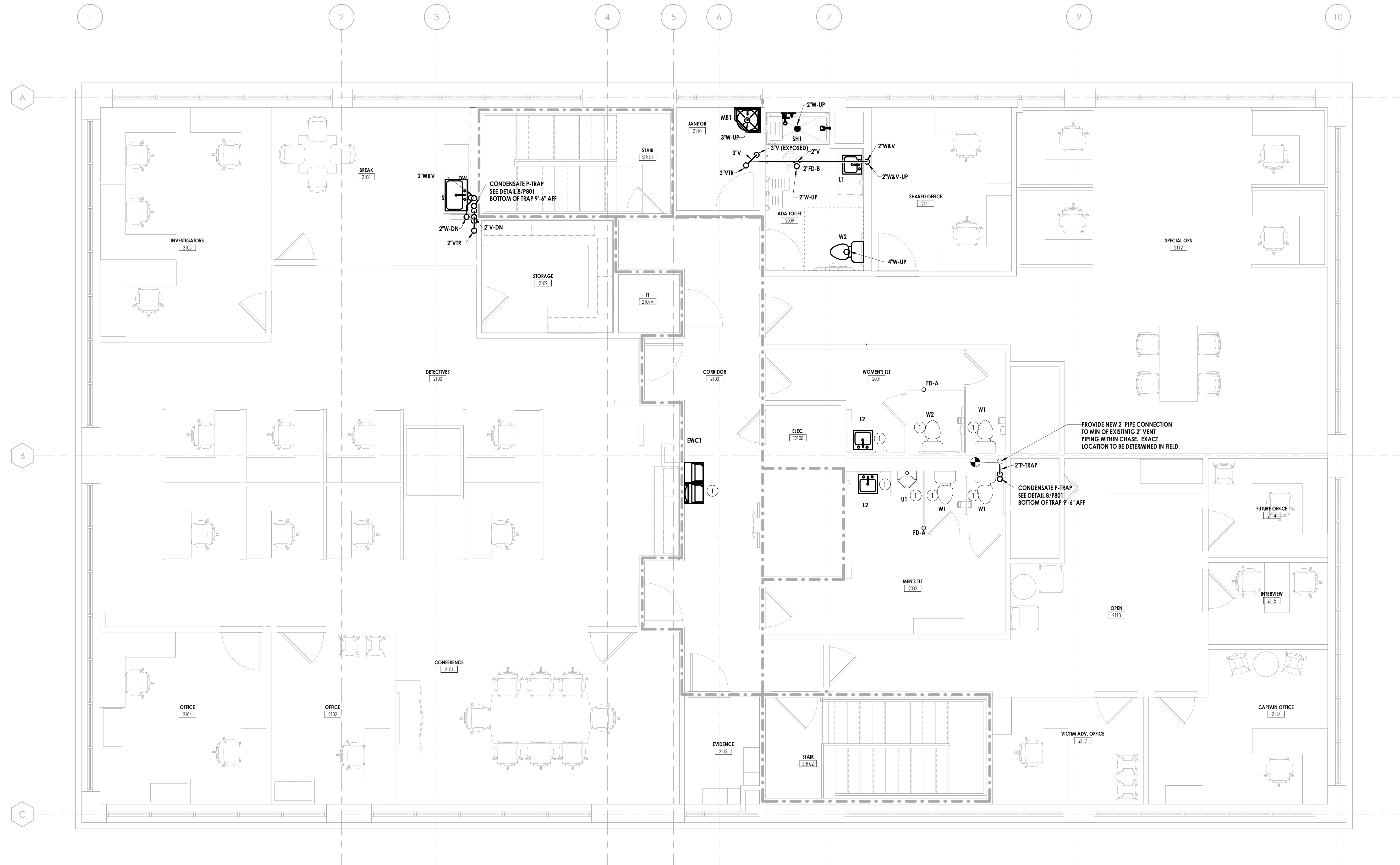
CPL | Architecture Engineering Planning
6302 Fairview Road Suite 102
Charlotte, NC 28210
CPLteam.com

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.

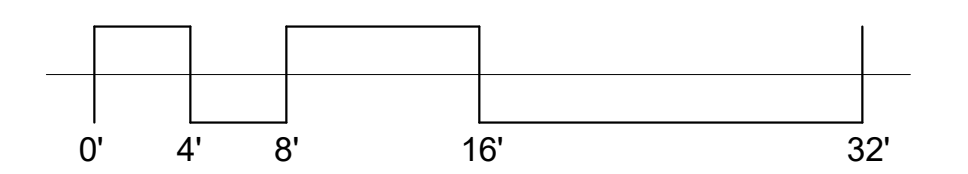
KEY NOTES - NEW WORK

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



PROVIDE NEW 2" PIPE CONNECTION TO MIN OF EXISTING 2" VENT PIPING WITHIN CHASE. EXACT LOCATION TO BE DETERMINED IN FIELD.

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

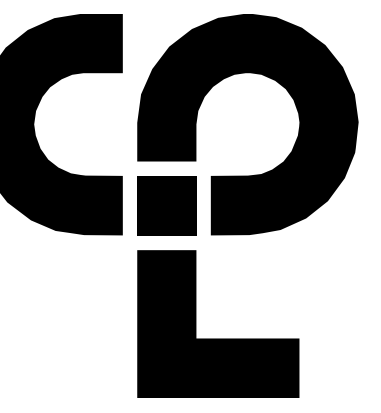
Issue/Revision	Date

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



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.

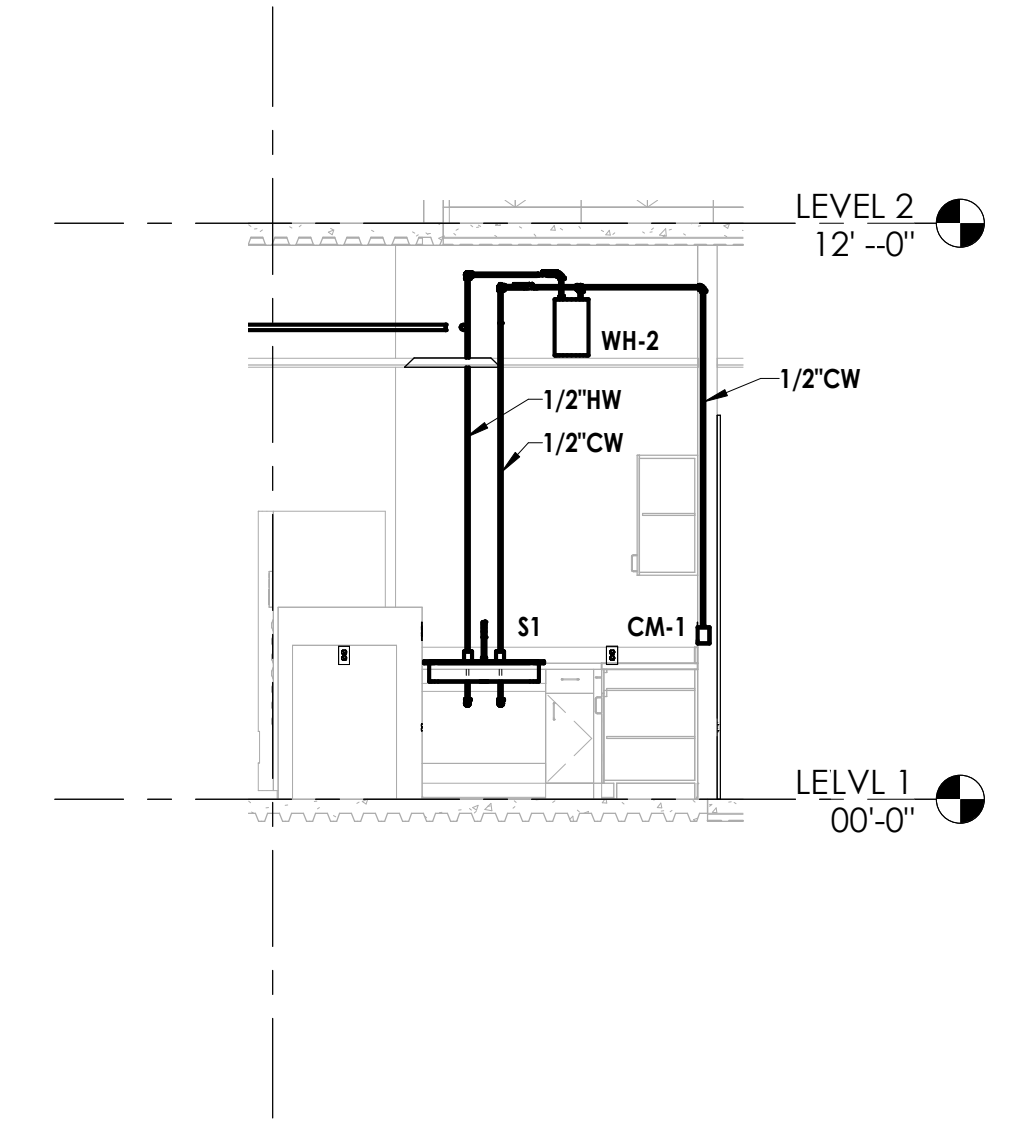
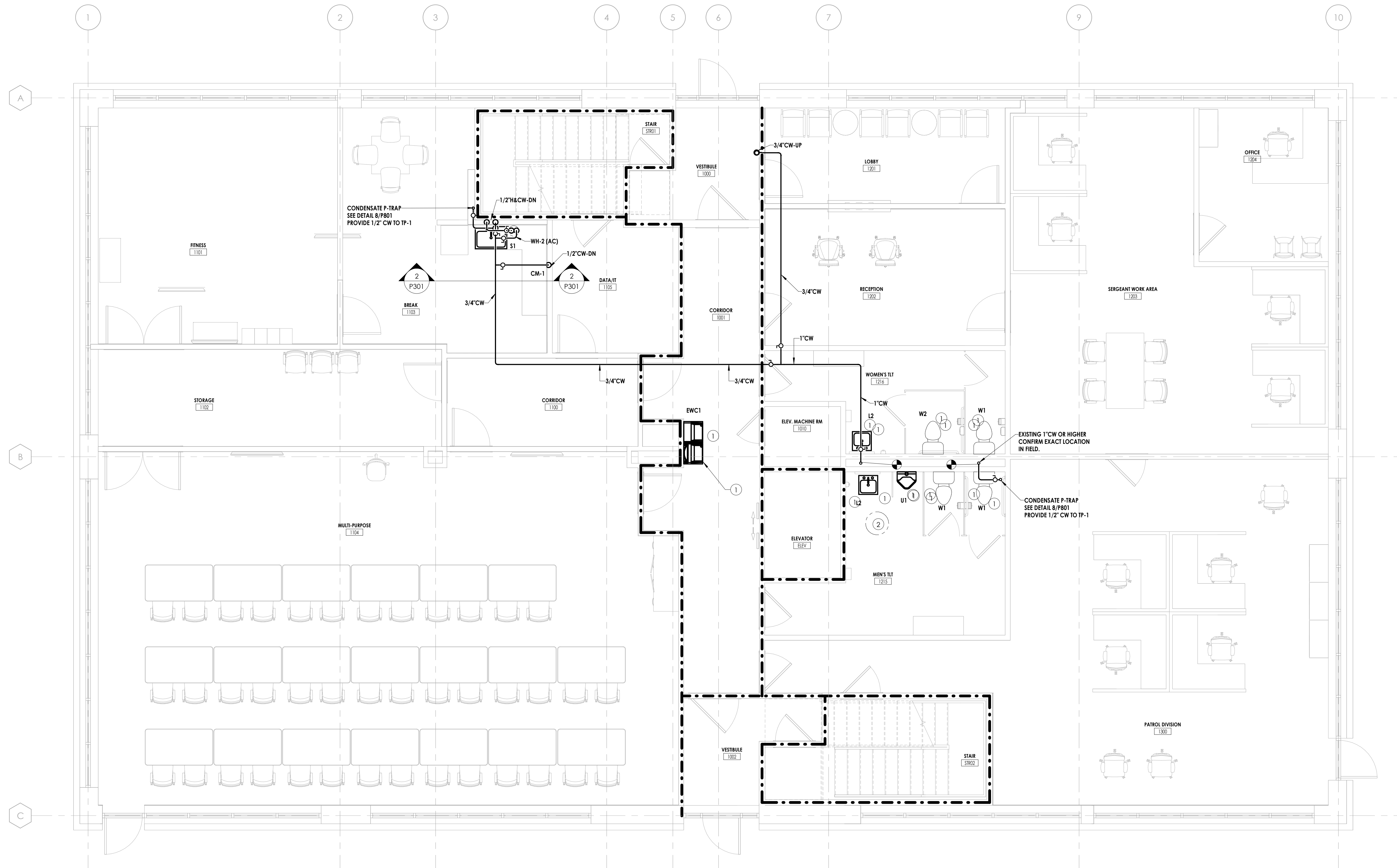
PROJECT INFORMATION

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

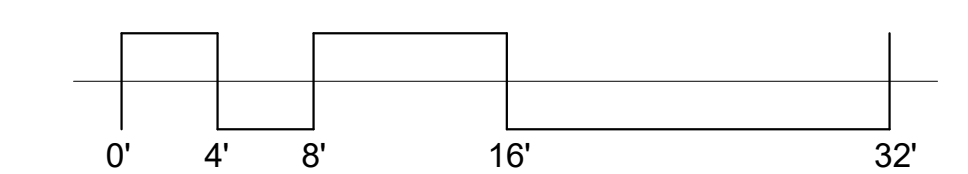
PROJECT ISSUE & REVISION SCHEDULE

1 - Issue



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

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



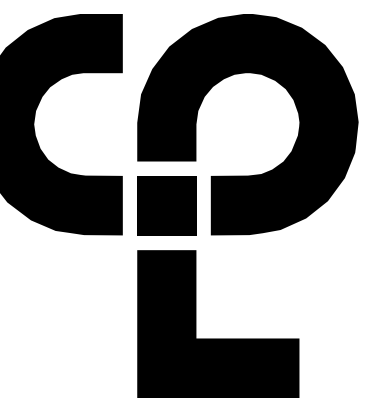
PROFESSIONAL STAMPS



SHEET INFORMATION

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

Drawing Number



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

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 CONNECTION TO EXISTING WASTE & WATER PIPING.
- ② EXISTING 10 GALLON WATER HEATER TO REMAIN.

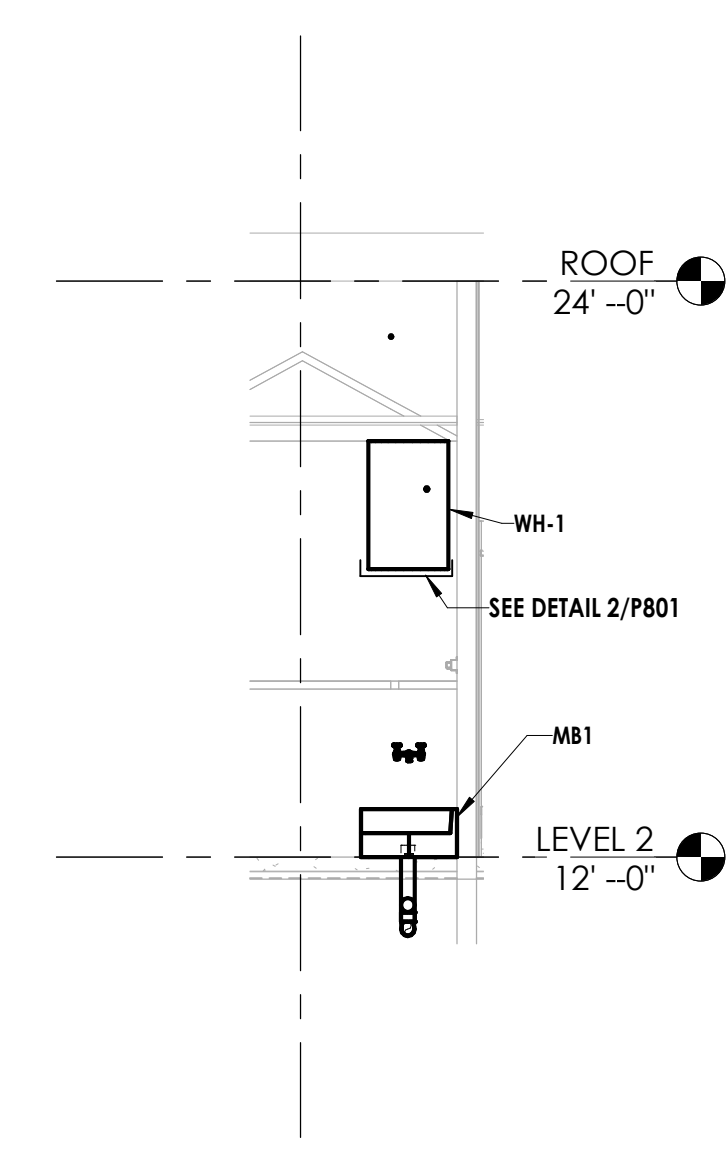
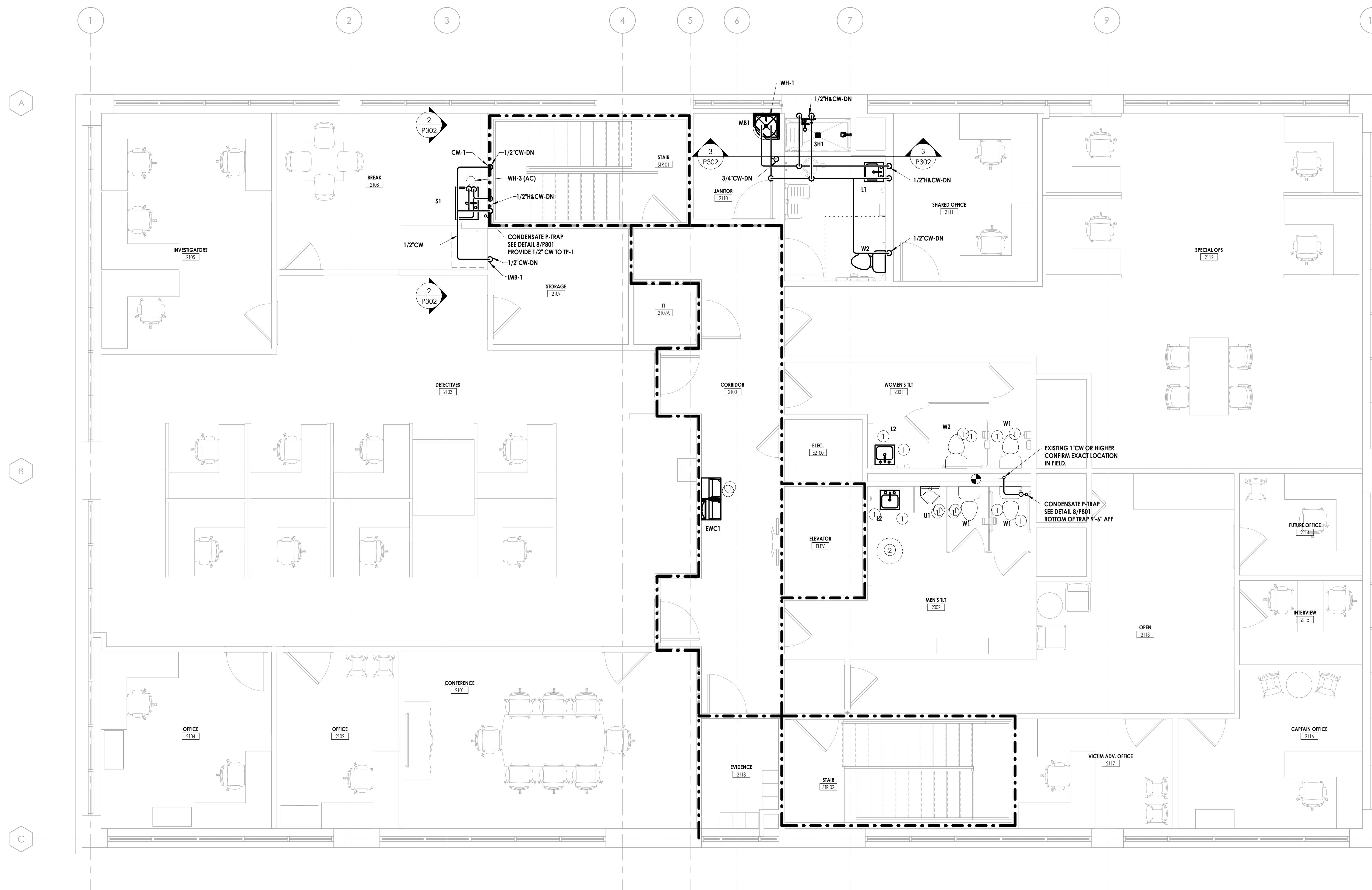
PROJECT INFORMATION

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

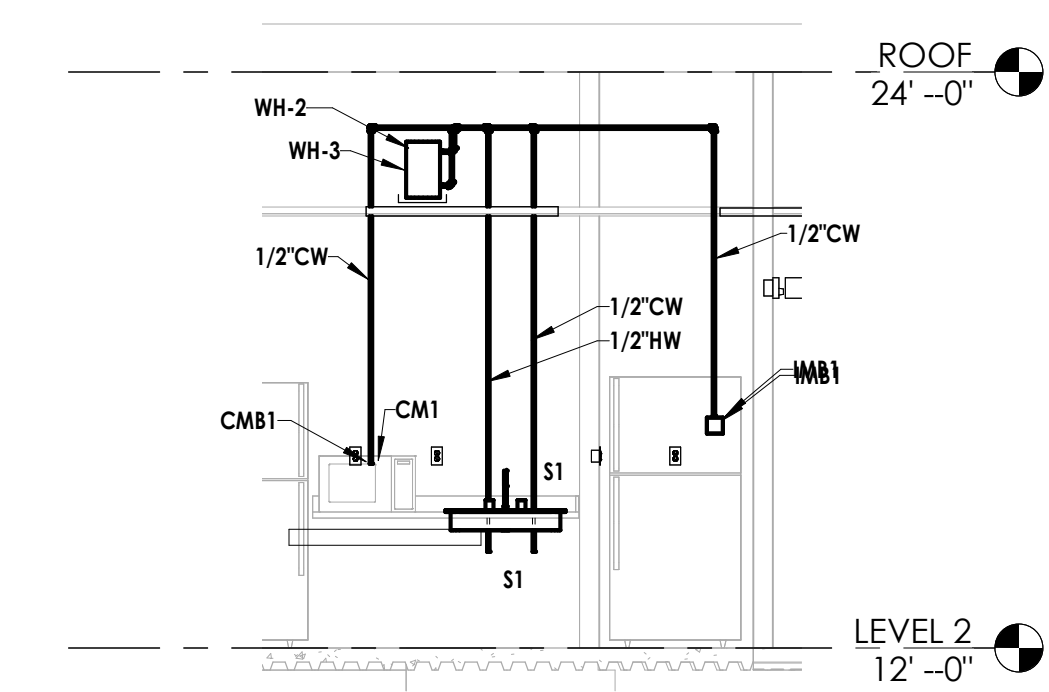
Project Address
236 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

7 Date

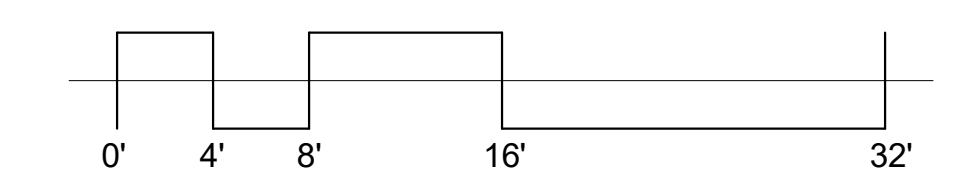


3 WH-1 OVER MOP BASIN
P302 NO SCALE



2 LEVEL 2 BREAK ROOM
P302 NO SCALE

1 SECOND FLOOR PLAN - PLUMBING - WATER
1/4" = 1'-0"



PROFESSIONAL STAMPS



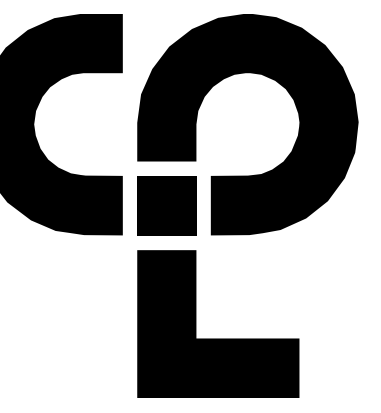
SHEET INFORMATION

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

9/19/2024 1:35:08 PM s:\project\locations\CD Design & Project Files\cd\Bk 300



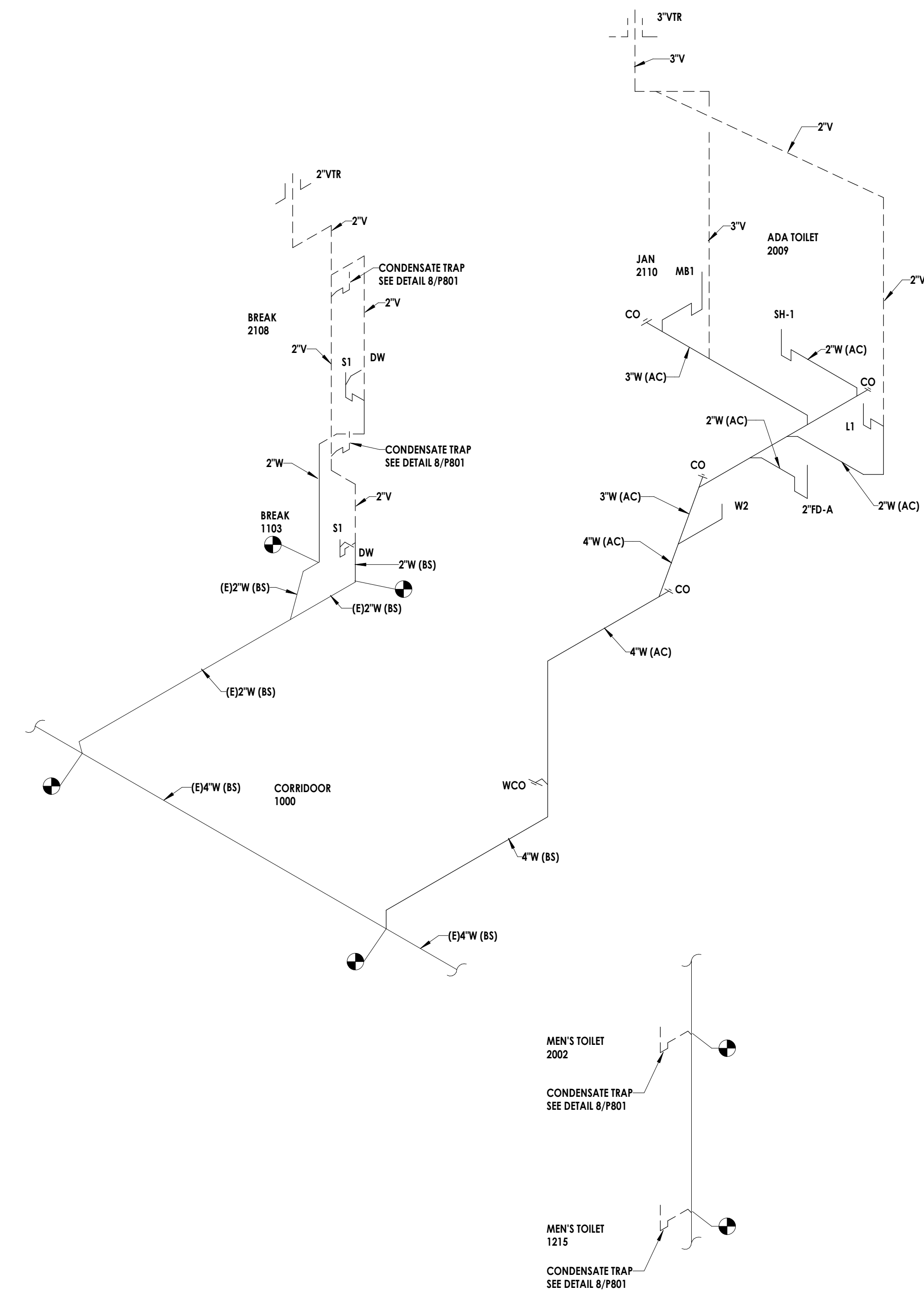
PROJECT INFORMATION

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 - Issue



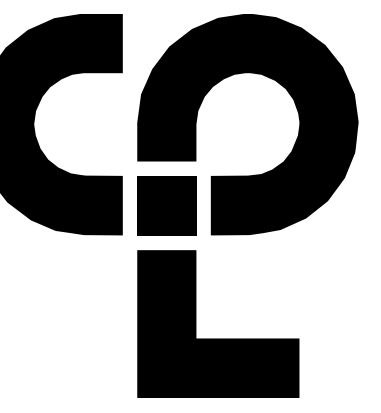
1 PL-RISER-WASTE & VENT RISER DIAGRAM
 P701 NO SCALE

PROFESSIONAL STAMPS



SHEET INFORMATION

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



PROJECT INFORMATION

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

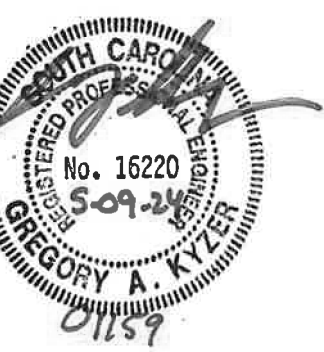
Project Name: DISTRICT 3 SHERIFF'S OFFICE

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

PROJECT ISSUE & REVISION SCHEDULE

1 Date

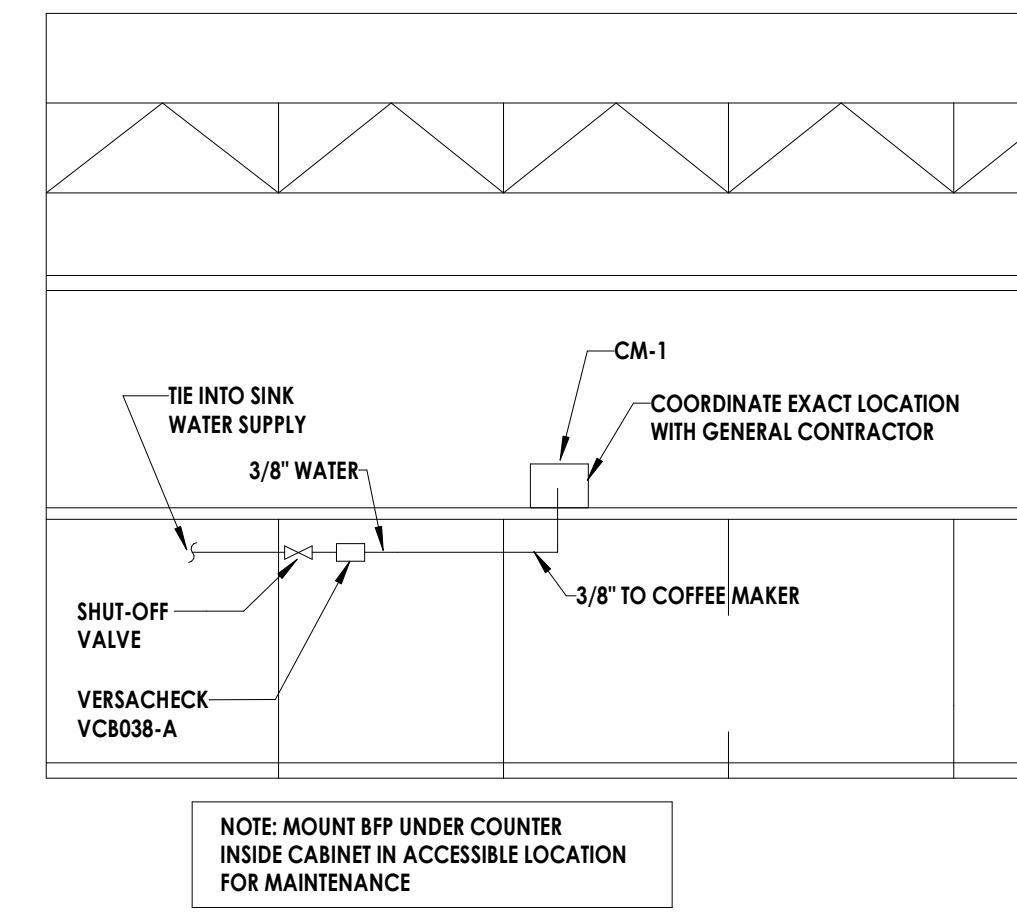
PROFESSIONAL STAMPS



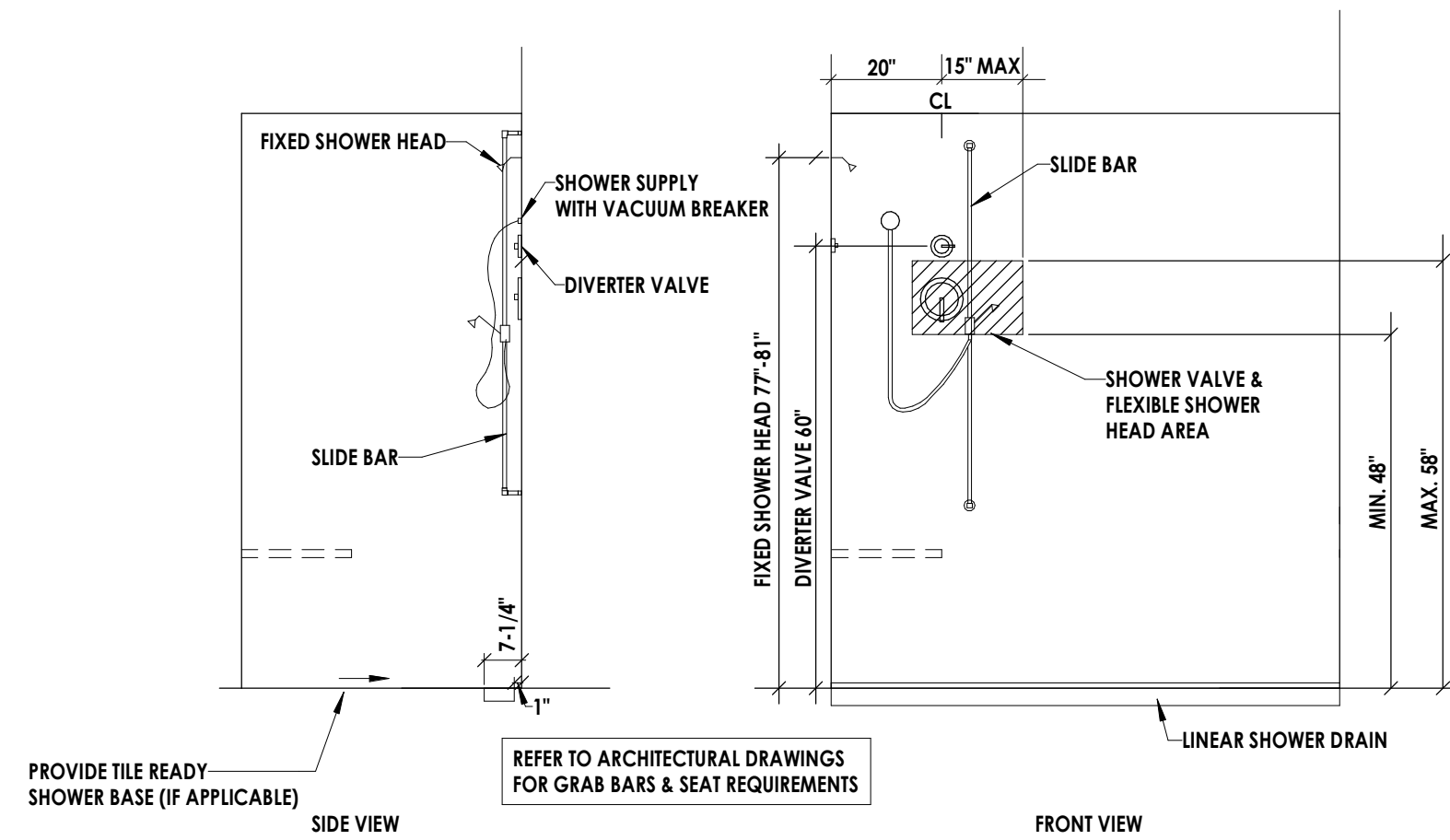
SHEET INFORMATION

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

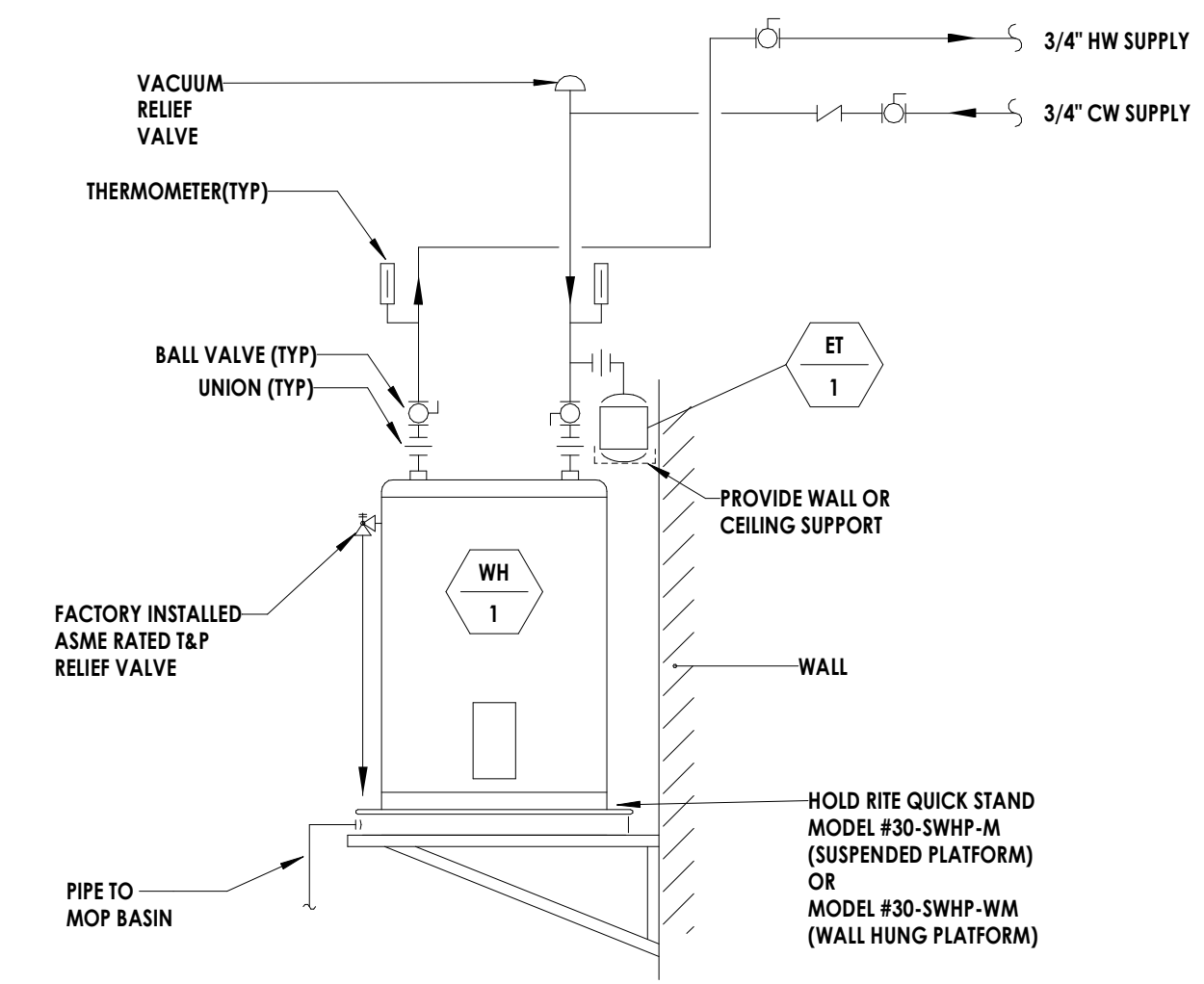
Drawing Number: -



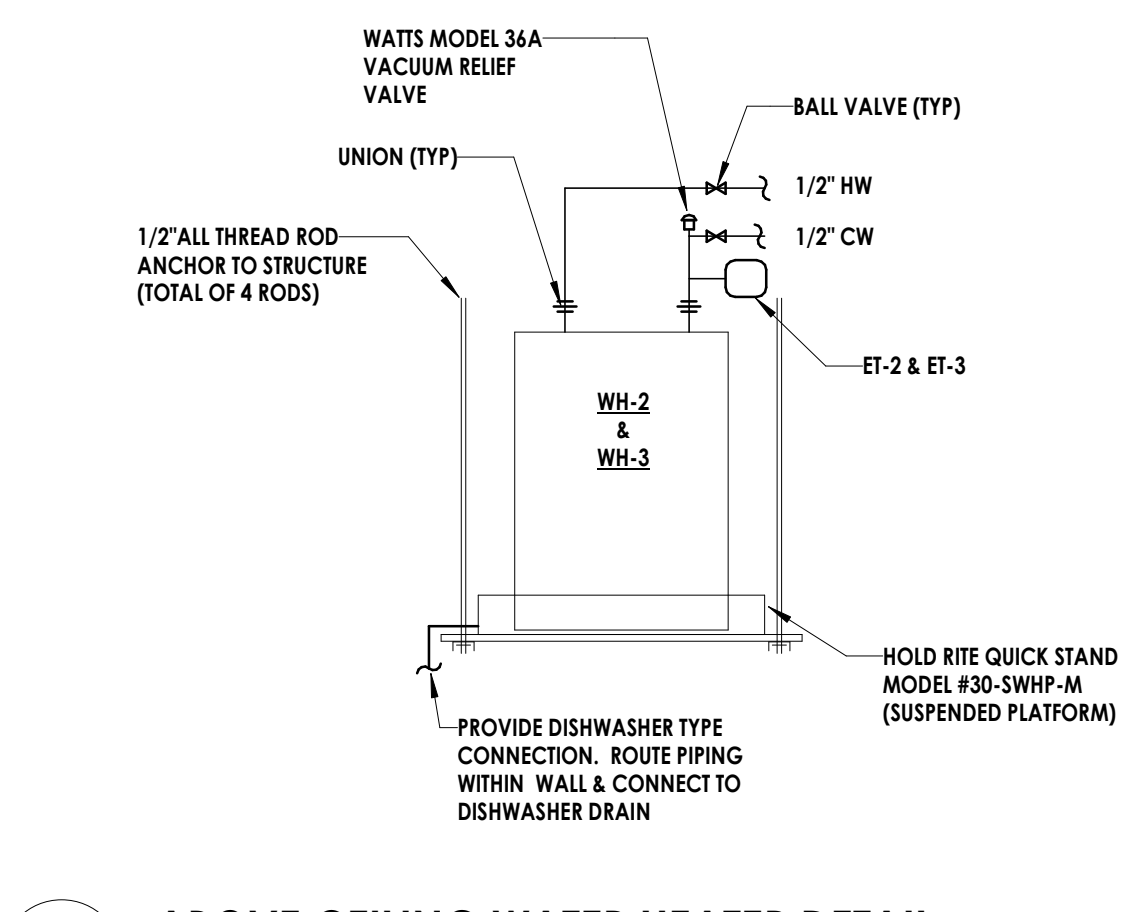
4 COFFEE MAKER/WATER FILTER DETAIL
P801 NOT TO SCALE



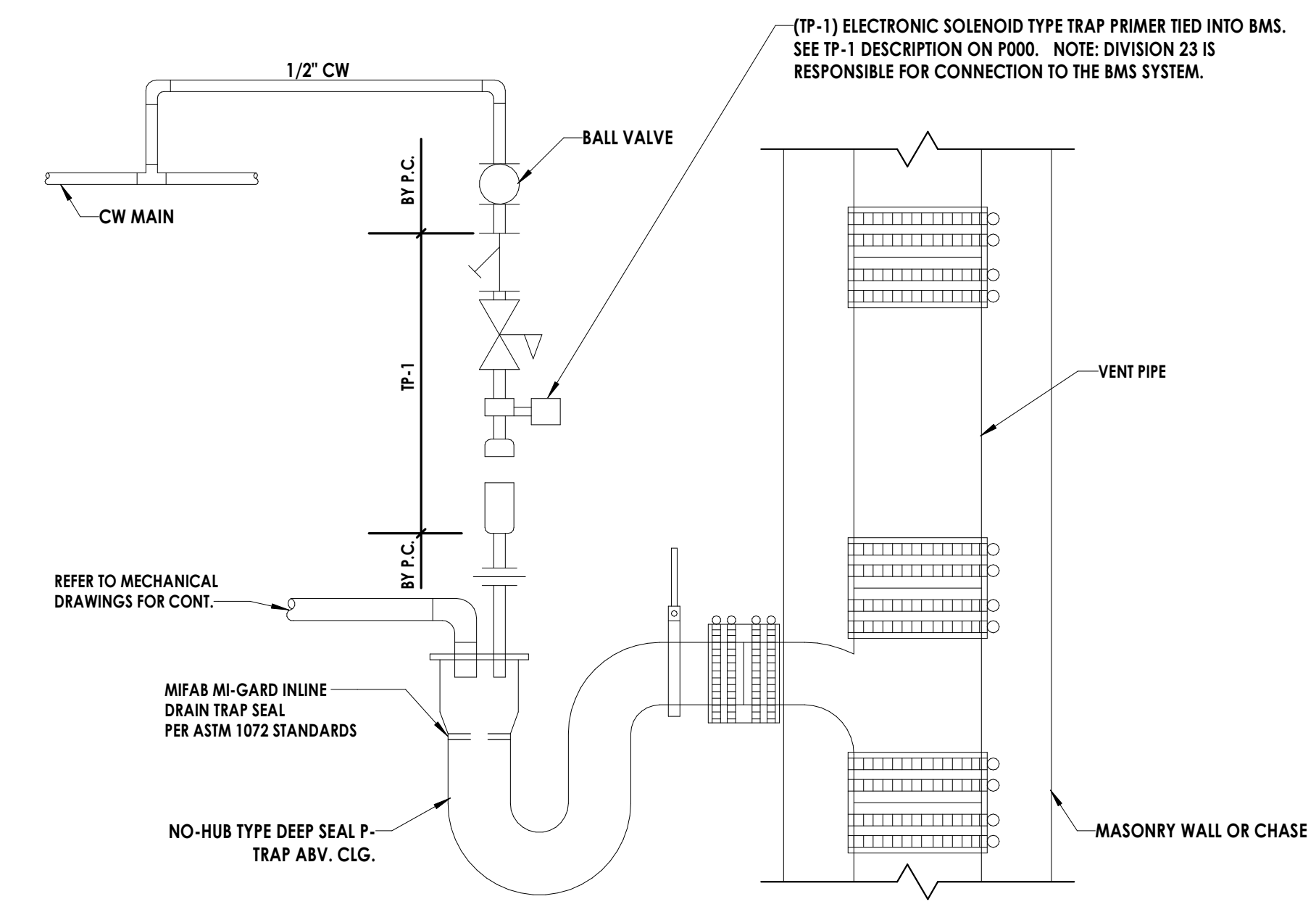
3 P-ADA ROLL-IN SHOWER VALVE LOCATIONS
P801 NO SCALE



2 WATER HEATER DETAIL
P801 NO SCALE

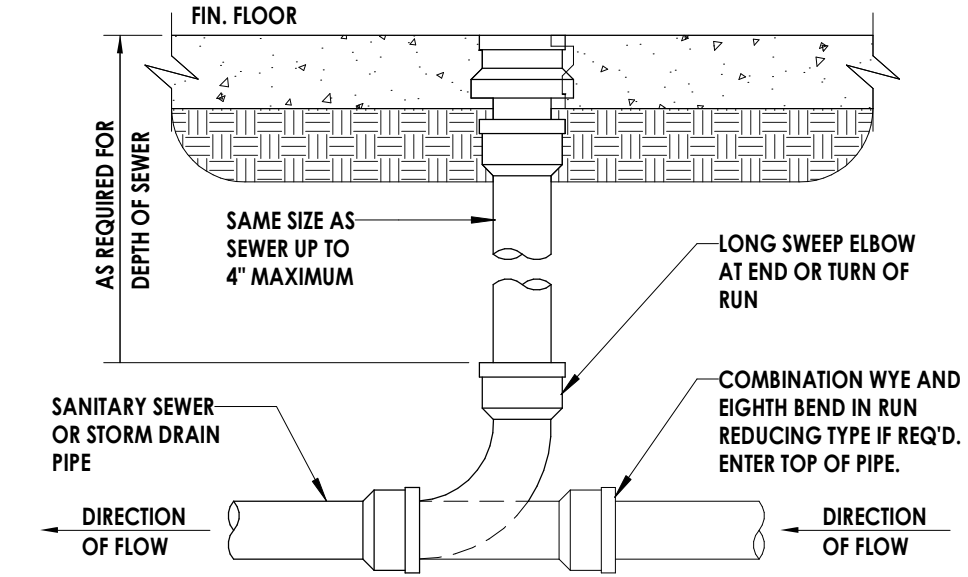


1 ABOVE CEILING WATER HEATER DETAIL
P801 NO SCALE



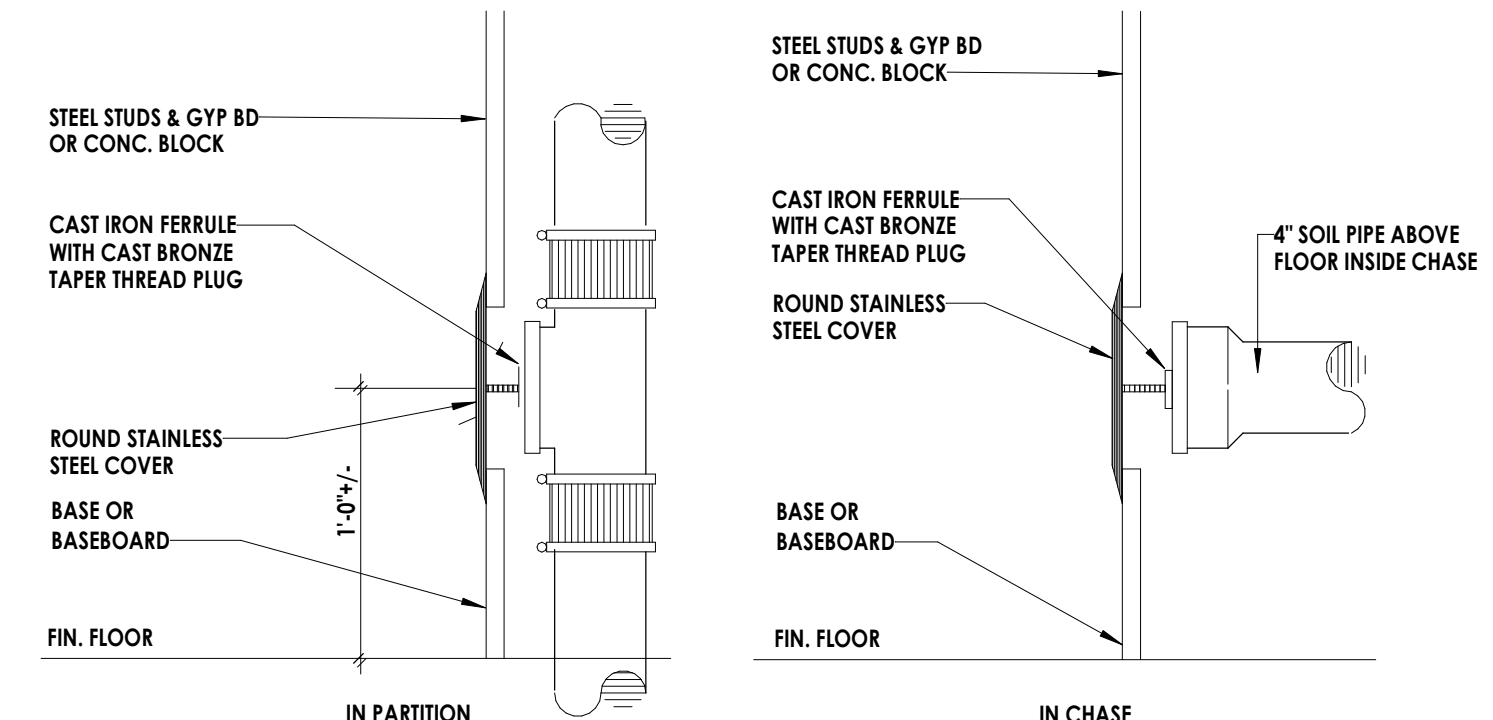
CONDENSATE PIPING BY DIV. 23, HUB DRAIN, CW, SAN/VENT PIPING BY DIV. 22.

8 CONDENSATE P-TRAP PLUMBING DETAIL
P801 NOT TO SCALE

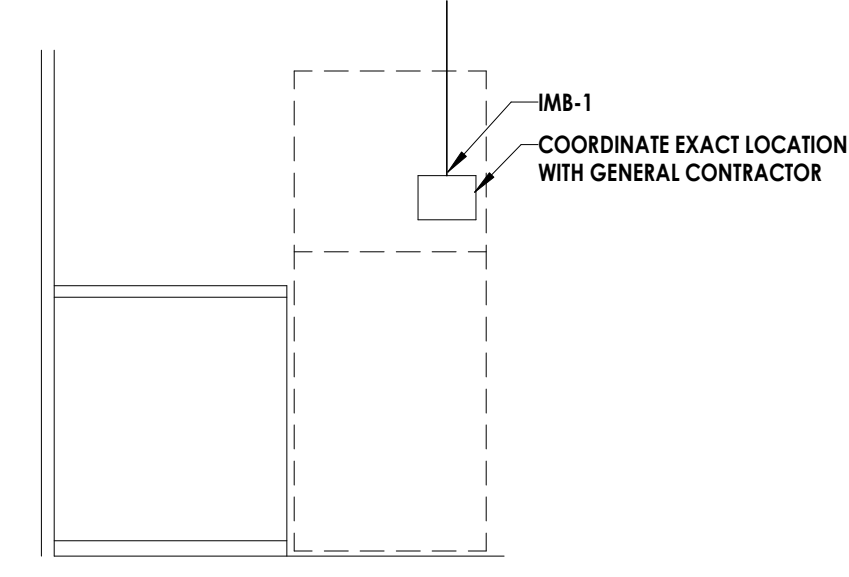


LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 75' INTERVALS ON STRAIGHT RUNS, AND/OR WHERE SHOWN ON PLANS. PROVIDE BACKFILL PER ARCH. SPECIFICATIONS. LOCATE CLEANOUTS WHERE THERE IS 18" CLEAR AROUND. CONSULT LOCAL CODES FOR OTHER REQUIREMENTS.

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
- RUG 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
 - ⊕ HARDWIRED 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 - WATTSTOPPER 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:

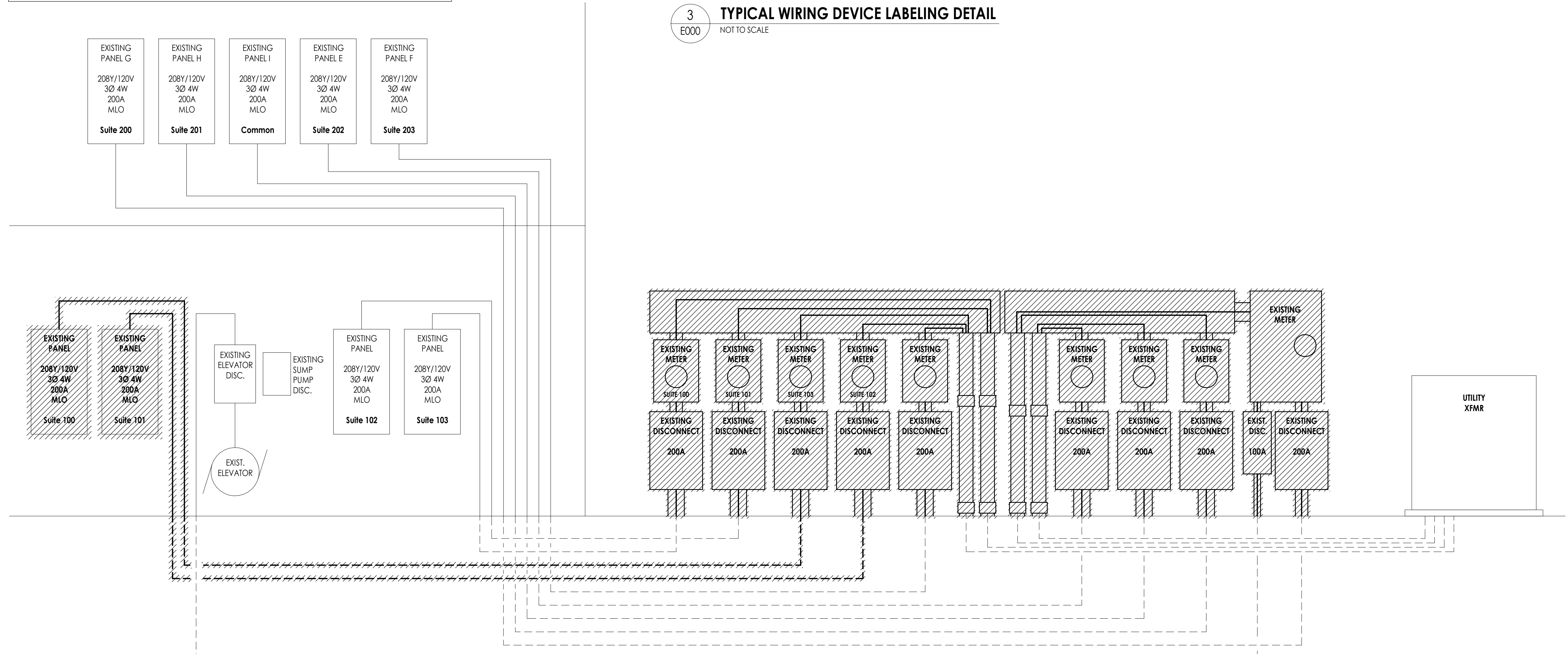
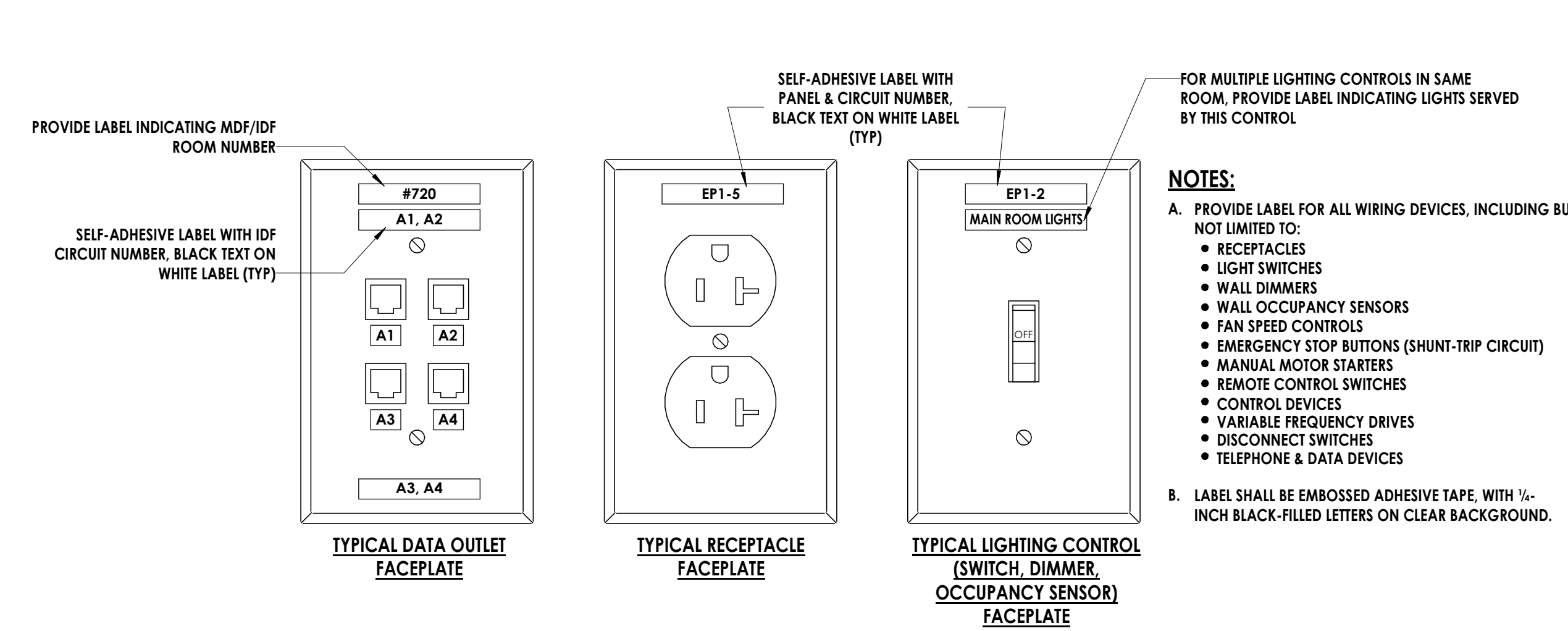
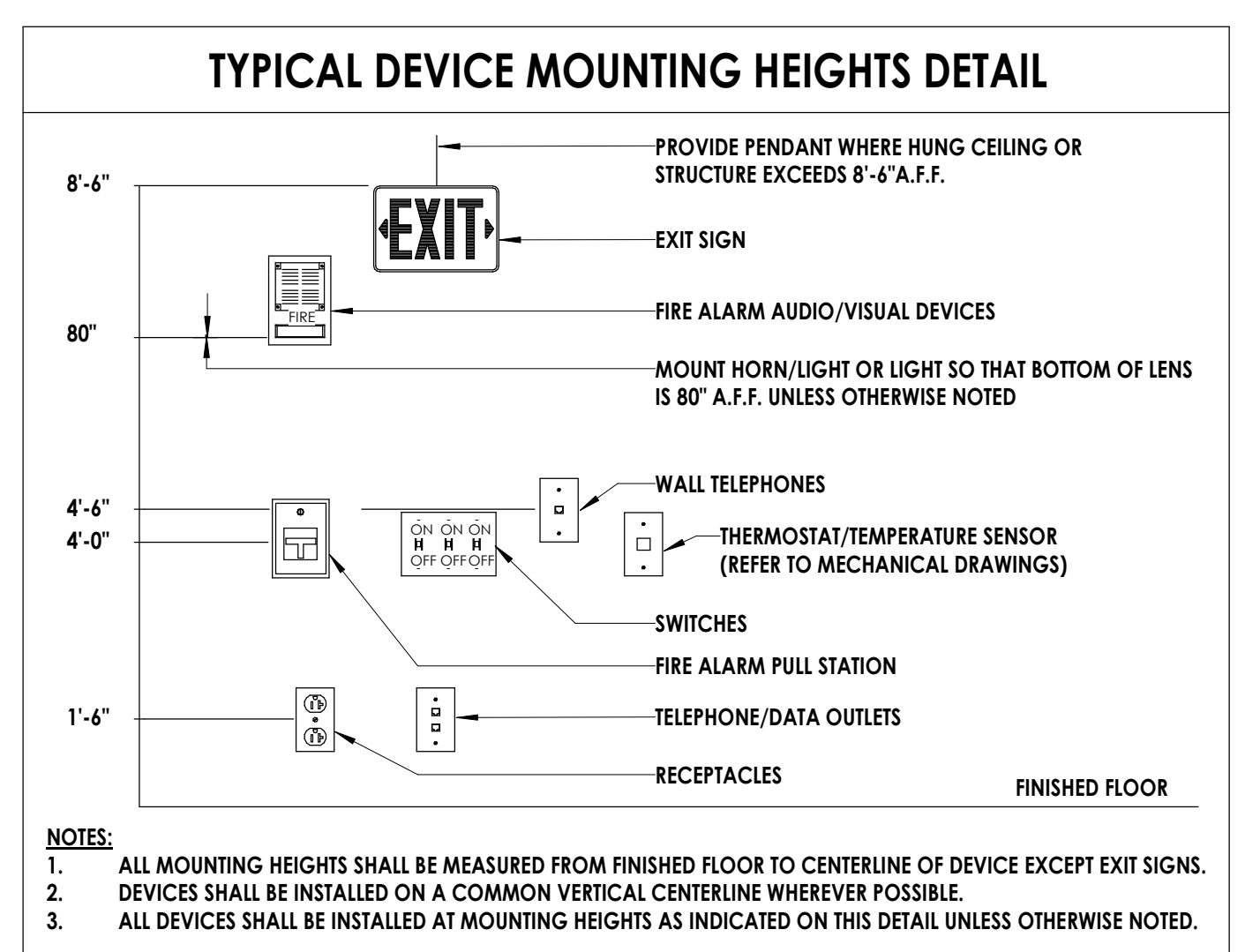
- ⊕ FIRE ALARM MANUAL PULL STATION, ADDRESSABLE
- ⊕ FIRE ALARM HORN AND STROBE COMBINATION - ADJACENT NUMBER DENOTES CANDELA RATING
- ⊕ FIRE ALARM HORN AND STROBE COMBINATION CEILING MOUNTED - ADJACENT NUMBER DENOTES CANDELA RATING
- ⊕ FIRE ALARM STROBE - ADJACENT NUMBER DENOTES CANDELA RATING
- ⊕ FIRE 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:

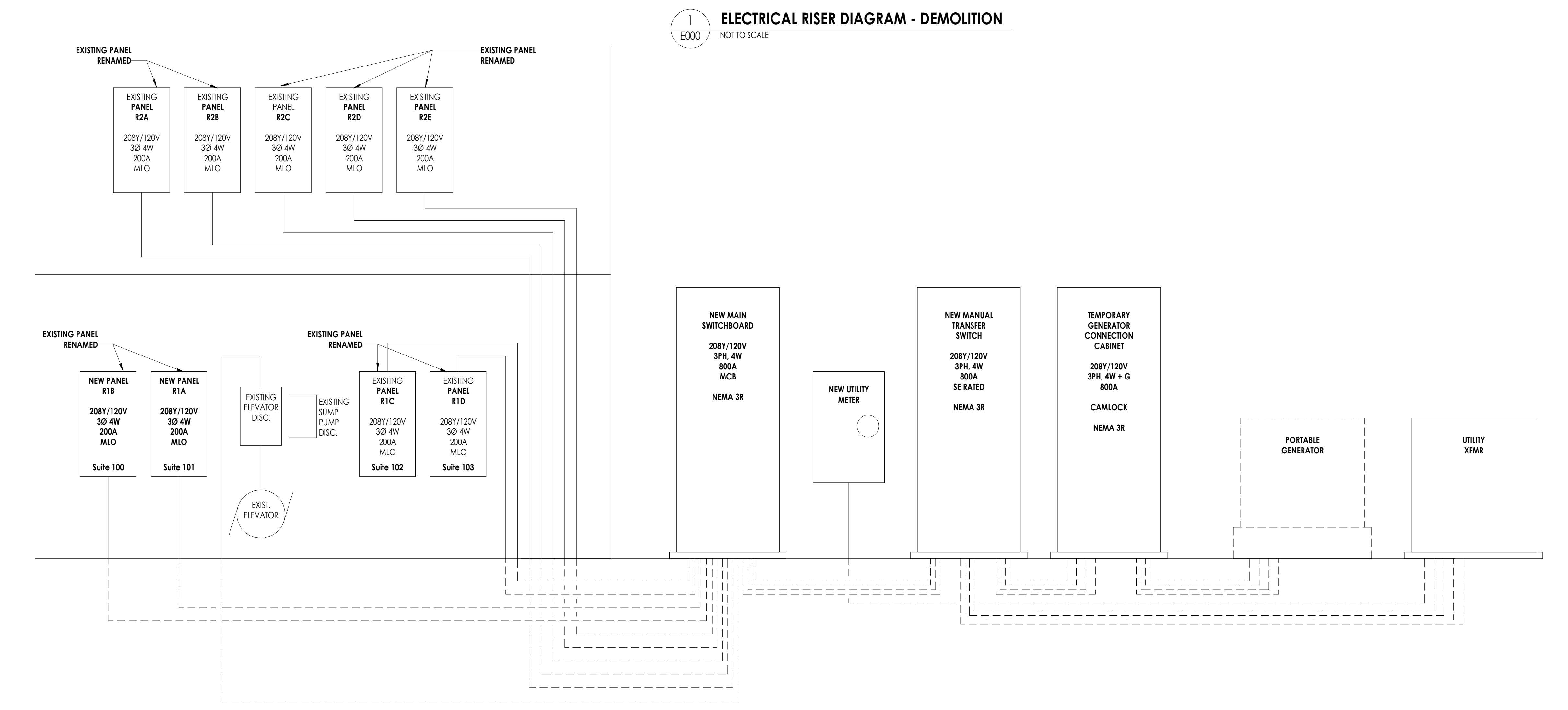
- ABF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GROUND
- BFG BELOW FINISHED GROUND
- CKT CIRCUIT
- ETR EXISTING TO REMAIN
- FWE FURNISHED WITH EQUIPMENT
- TYP TYPICAL
- WG PROVIDE WIRE GUARD

GENERAL ELECTRICAL NOTES:

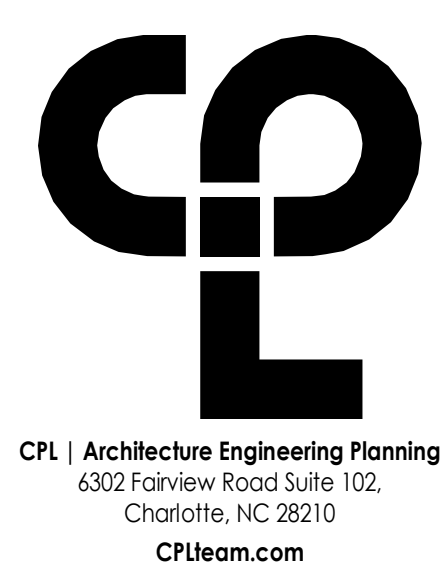
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70), WITH THE SOUTH CAROLINA STATE BUILDING CODE, AND WITH LOCAL STATE CODES AND ORDINANCES.
- BUILDING:** ALL CONDUIT AND WIRING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS OTHERWISE NOTED OR 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.



1 E000 NOT TO SCALE



2 E000 NOT TO SCALE



CPL | Architecture Engineering Planning

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

PROJECT INFORMATION

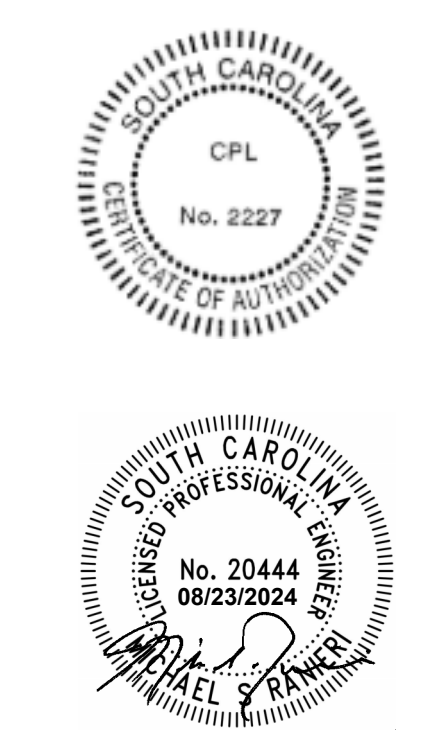
Project Number: R23.00720.00
Client Name: YORK COUNTY, SC
Project Name: DISTRICT 3 SHERIFF'S OFFICE

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

PROJECT ISSUE & REVISION SCHEDULE

1 07/03/2024 JUNE ROCK HILL COMMENTS

PROFESSIONAL STAMPS



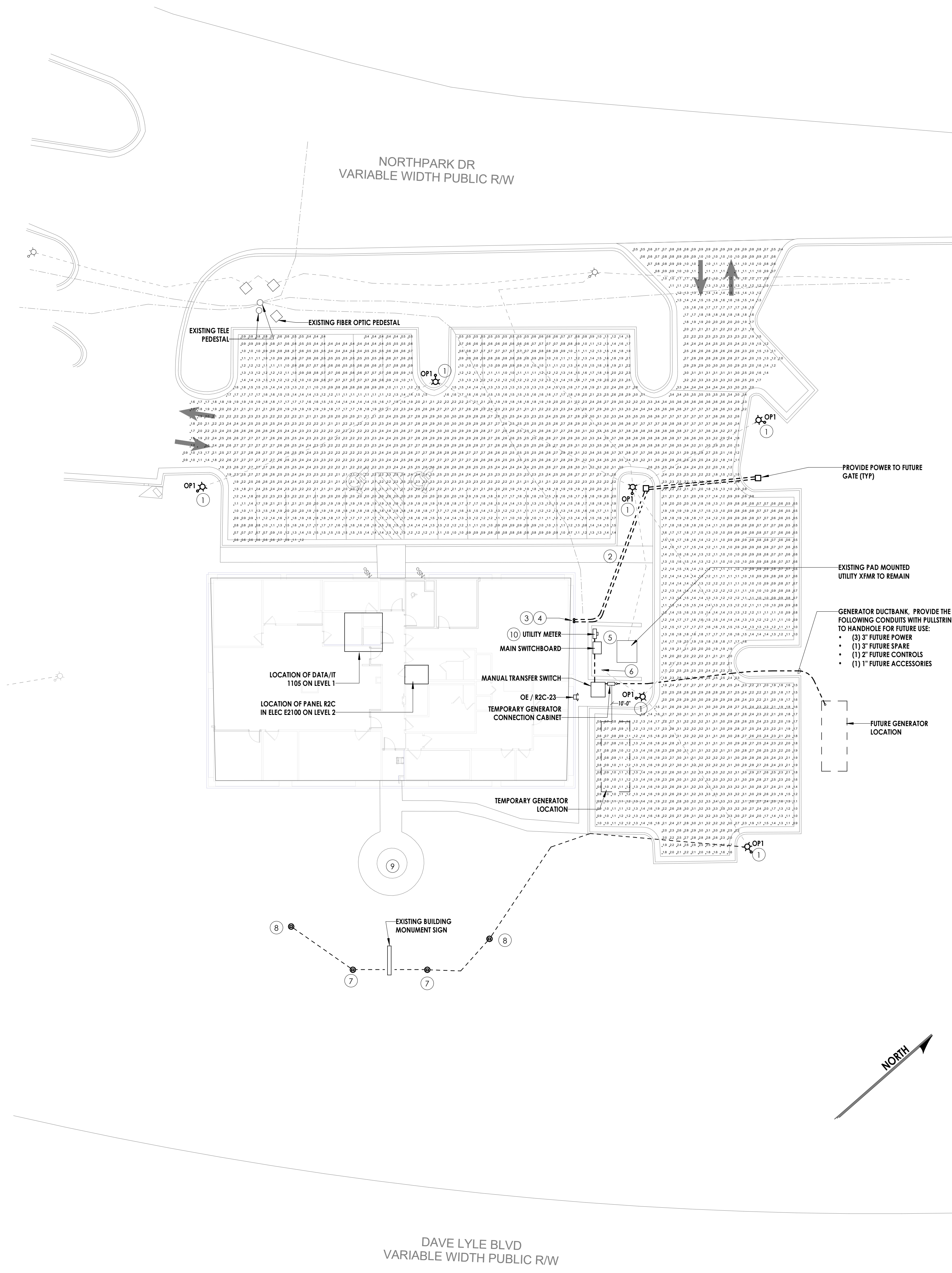
SHEET INFORMATION

Name: As indicated
Date: 05/09/2024
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-DD8XD	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 WATER TIGHT 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.



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

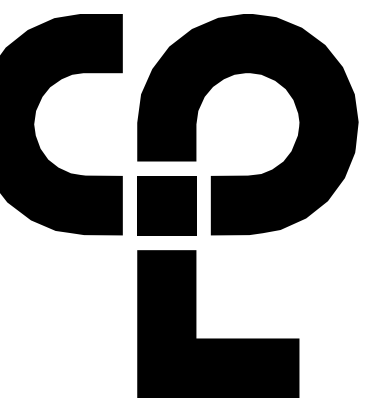
#	Date	Description
1	07/03/2024	JUNE ROCK HILL COMMENTS
2	08/12/2024	AUGUST ROCK HILL COMMENTS

PROFESSIONAL STAMPS



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

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. ROUTING 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.

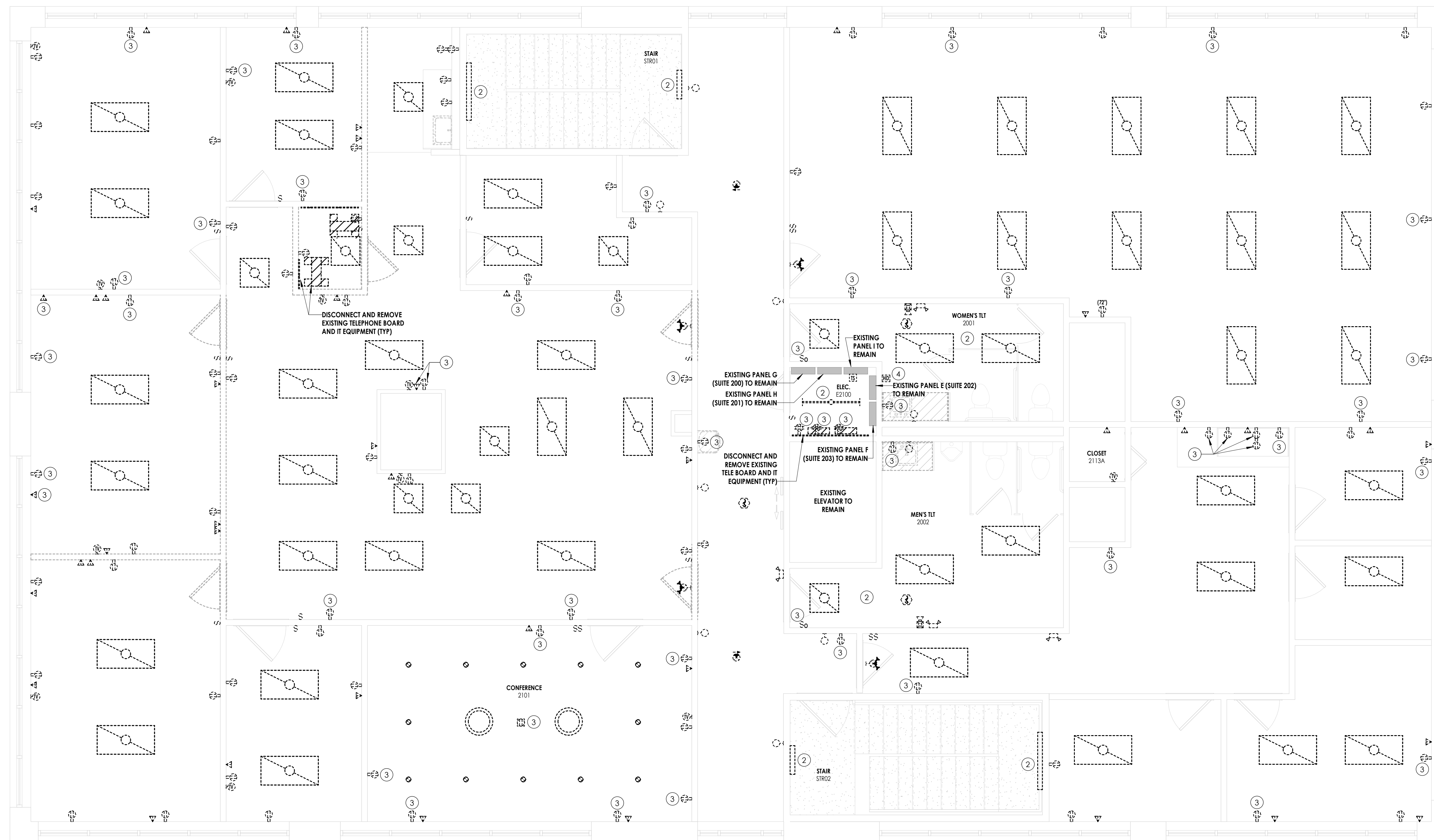
PROJECT INFORMATION

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



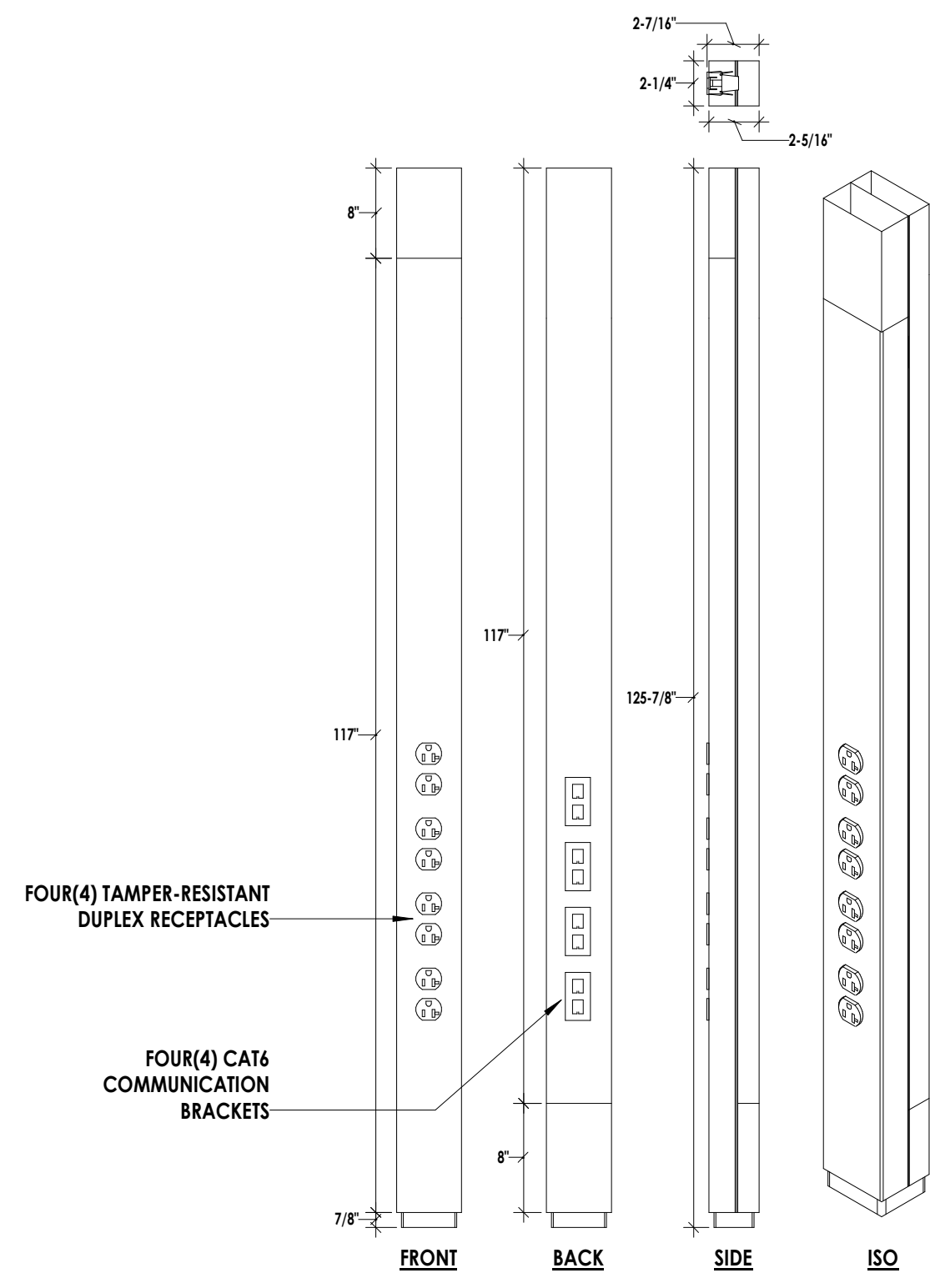
1 ELECTRICAL - LEVEL 2 - DEMOLITION PLAN
E101 1/4" = 1'-0"

PROFESSIONAL STAMPS

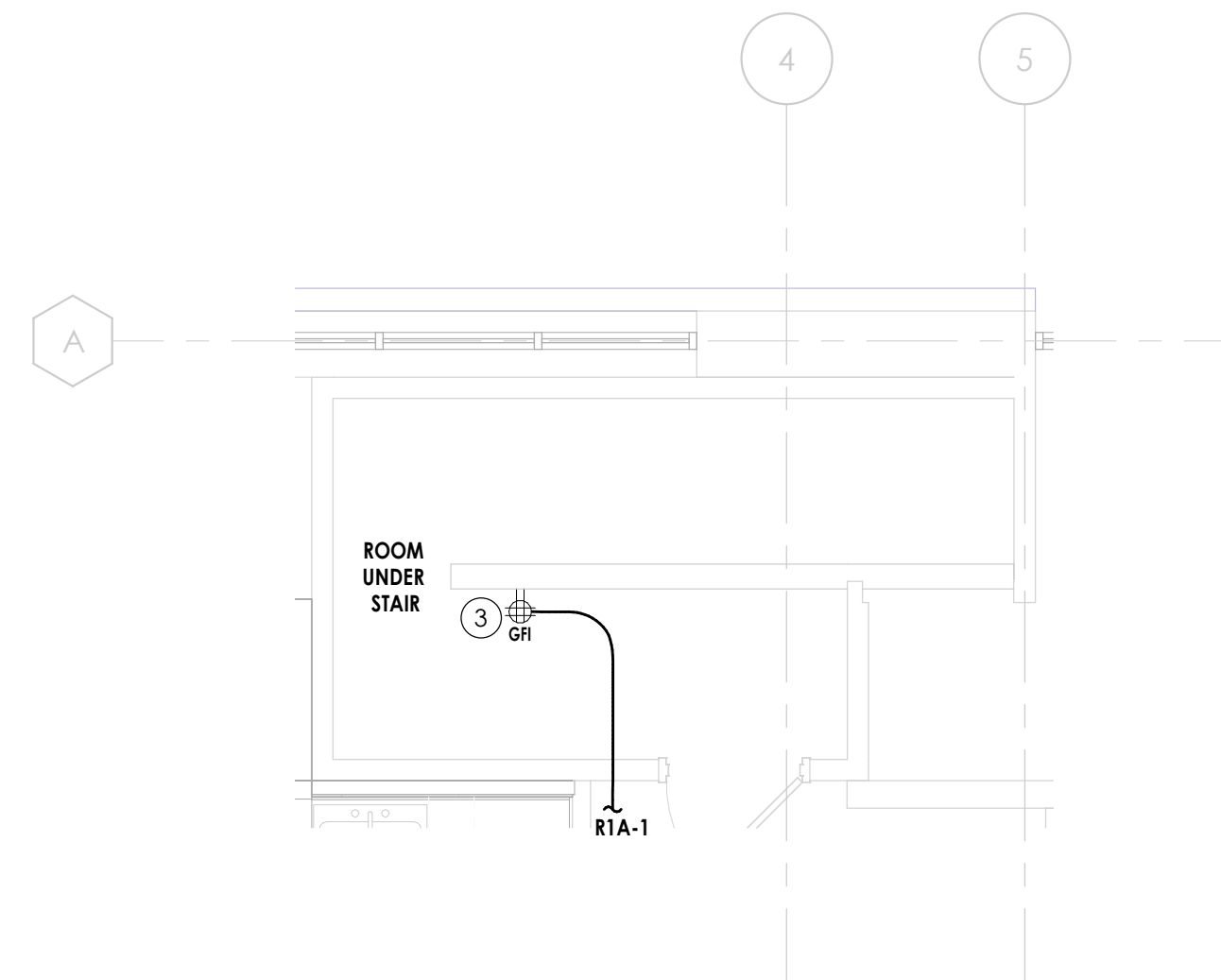


SHEET INFORMATION

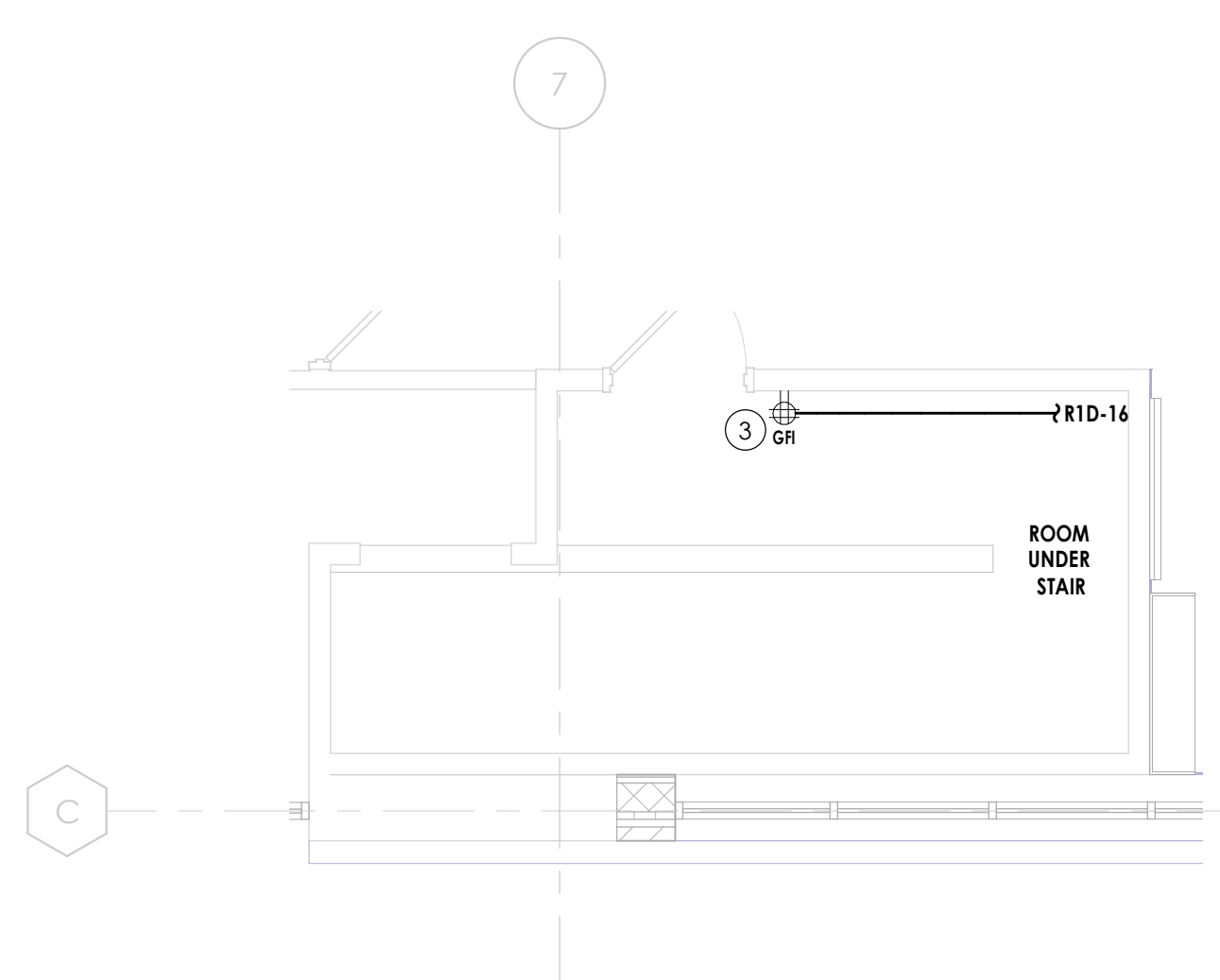
Name: Scale: As indicated
Date: 05/09/2024
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: JMR Checked By: MSR
Drawing Title: ELECTRICAL - LEVEL 2 - DEMOLITION PLAN
Drawing Number:



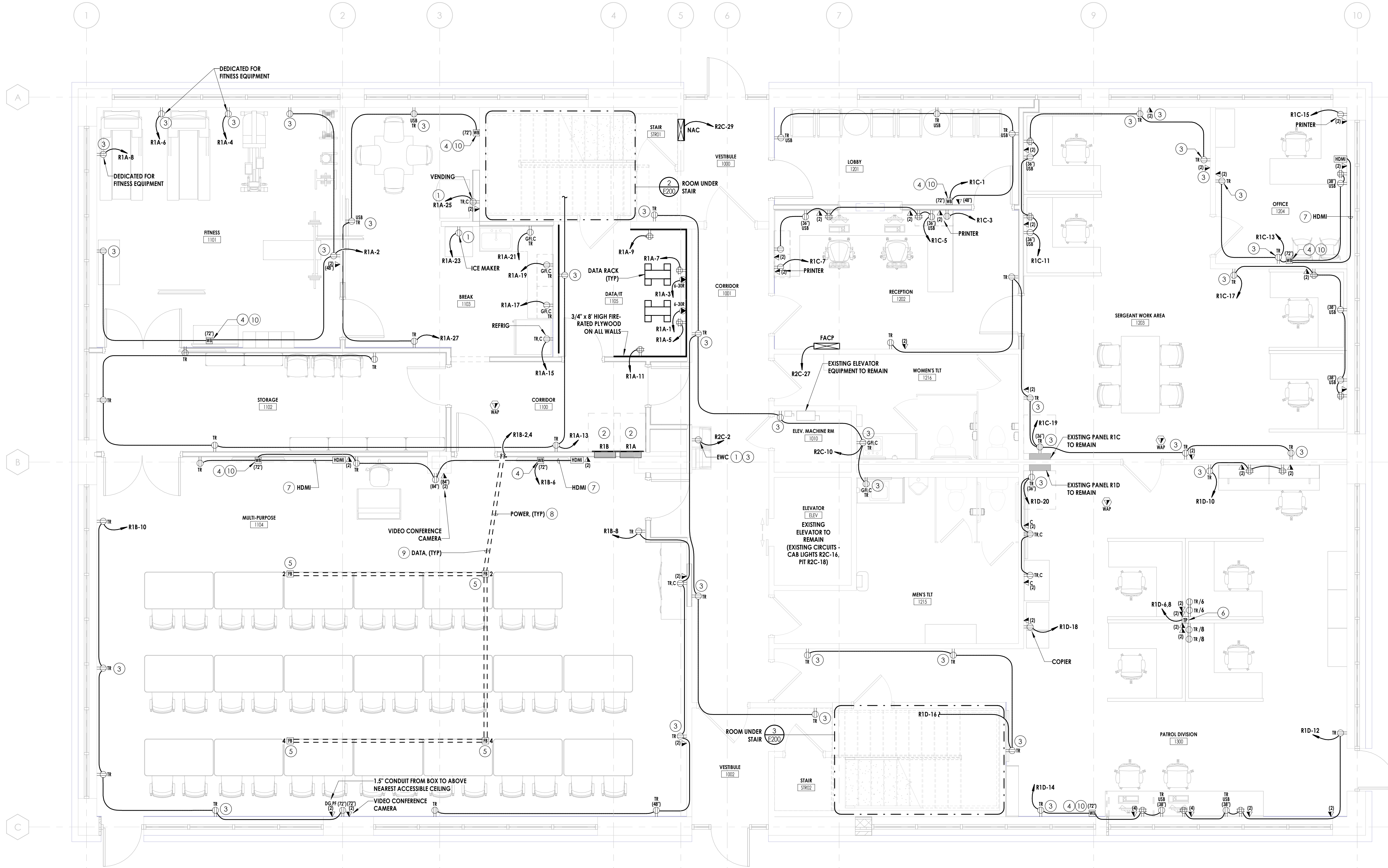
4 TELE-POWER POLE DETAIL
E200 3/8" = 1'-0"



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 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.
 - 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.

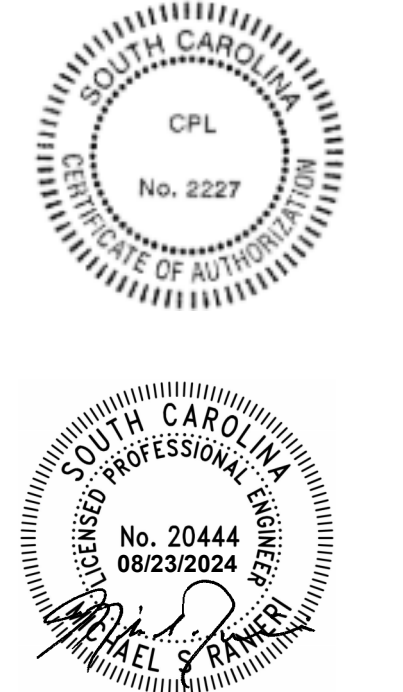
- POWER PLAN NOTES:**
- PROVIDE WITH GFCI CIRCUIT BREAKER.
 - EXISTING, RELOCATED PANELBOARD.
 - PROVIDE DEVICE INDICATED WITH COVERPLATE PER SPECIFICATIONS.
 - PROVIDE WALLBOX EQUIVALENT TO LEGRAND #4852. PROVIDE BASIS OF (1) DUPLEX RECEPTACLE, (2) CAT 6 COMMUNICATIONS BRACKETS, AND (1) CAT 6 F-CONNECTOR 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.



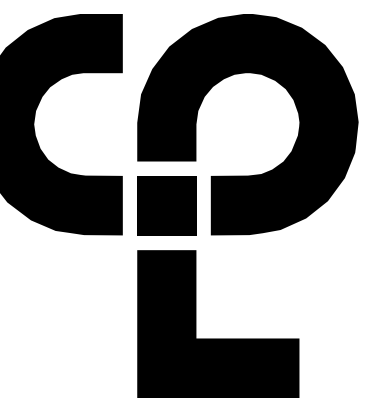
PROJECT INFORMATION
 Project Number: R23.00720.00
 Client Name: YORK COUNTY, SC
 Project Name: DISTRICT 3 SHERIFF'S OFFICE
 Project Address: 236 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE
 1 - Open

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.

PROJECT INFORMATION

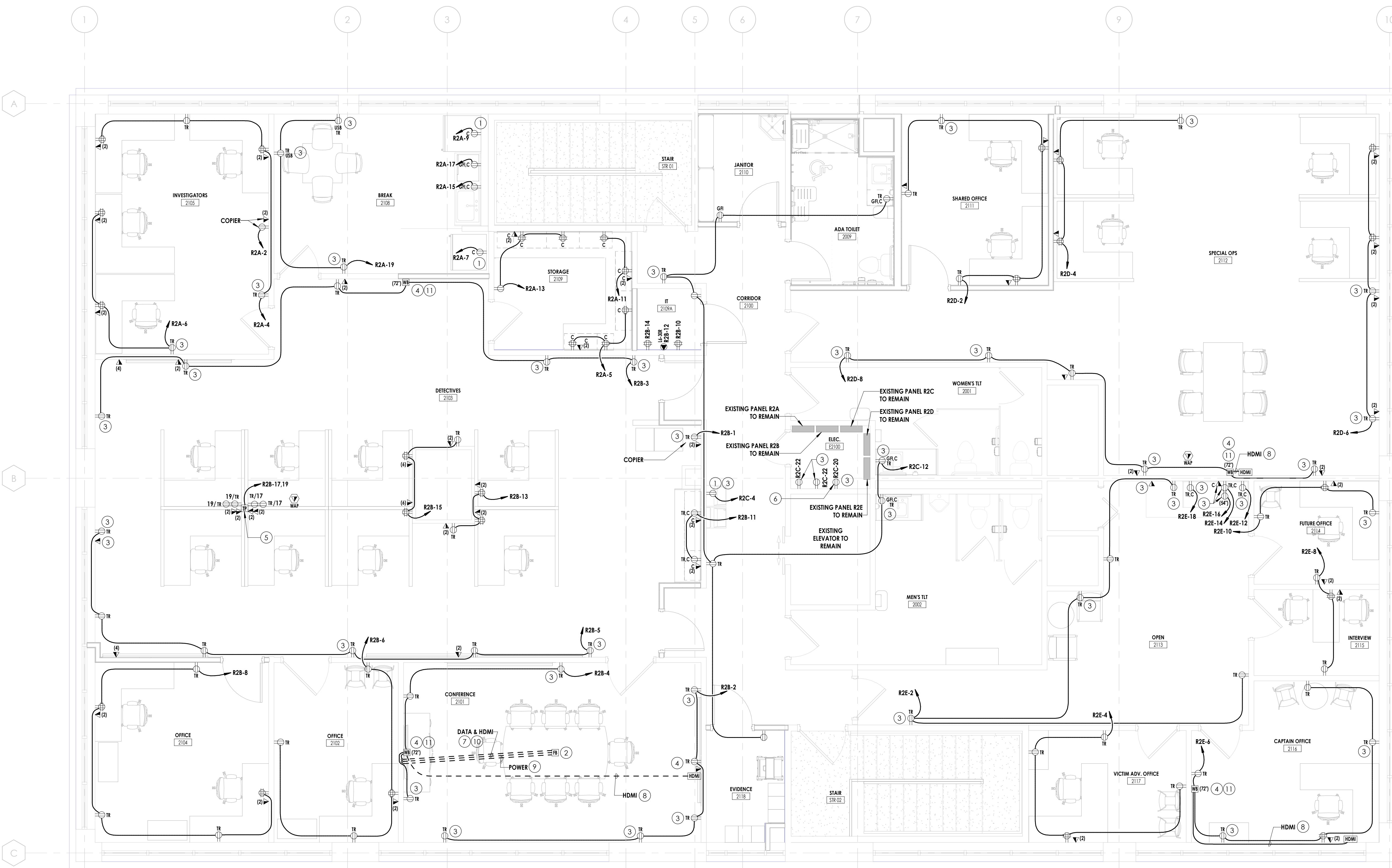
Project Number: R23.00720.00
Client Name: YORK COUNTY, SC
Project Name: DISTRICT 3 SHERIFF'S OFFICE

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

PROJECT ISSUE & REVISION SCHEDULE

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 #E82. PROVIDE BASIS OF (1) DUPLEX RECEPTACLE, (2) CAT 6 COMMUNICATION BRACKET, 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 RDA 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.



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

PROFESSIONAL STAMPS



SHEET INFORMATION

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

Drawing Number

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-A107-80CRI-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	S4PID-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	S4PID-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-WH	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.

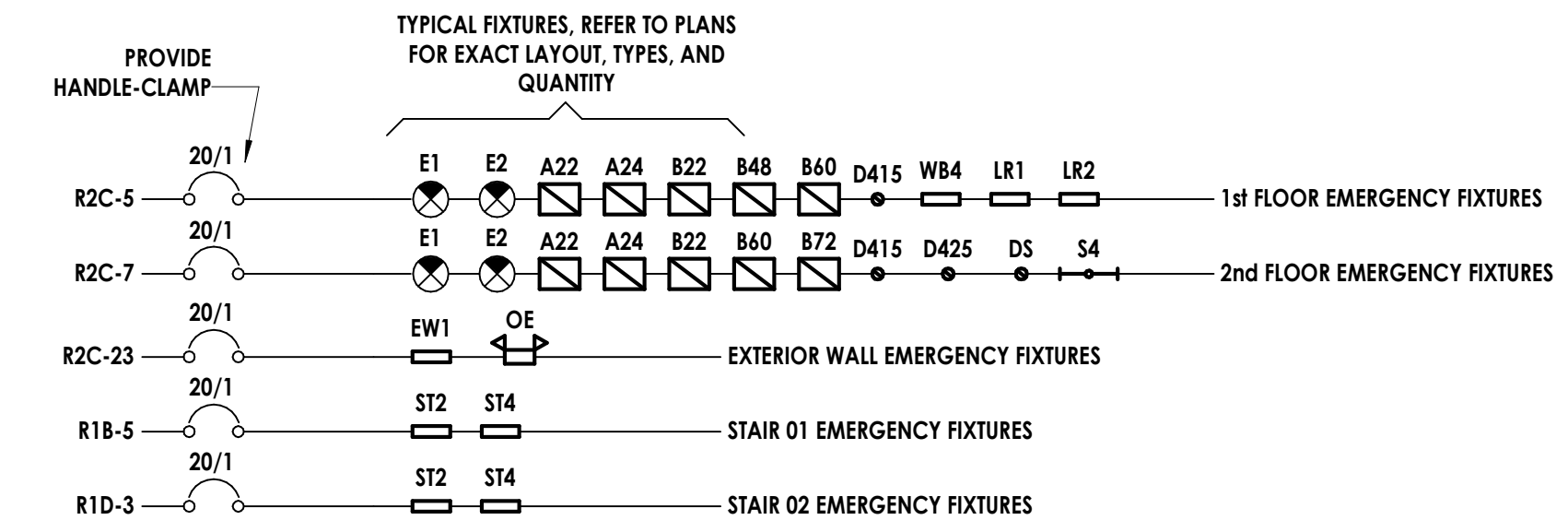
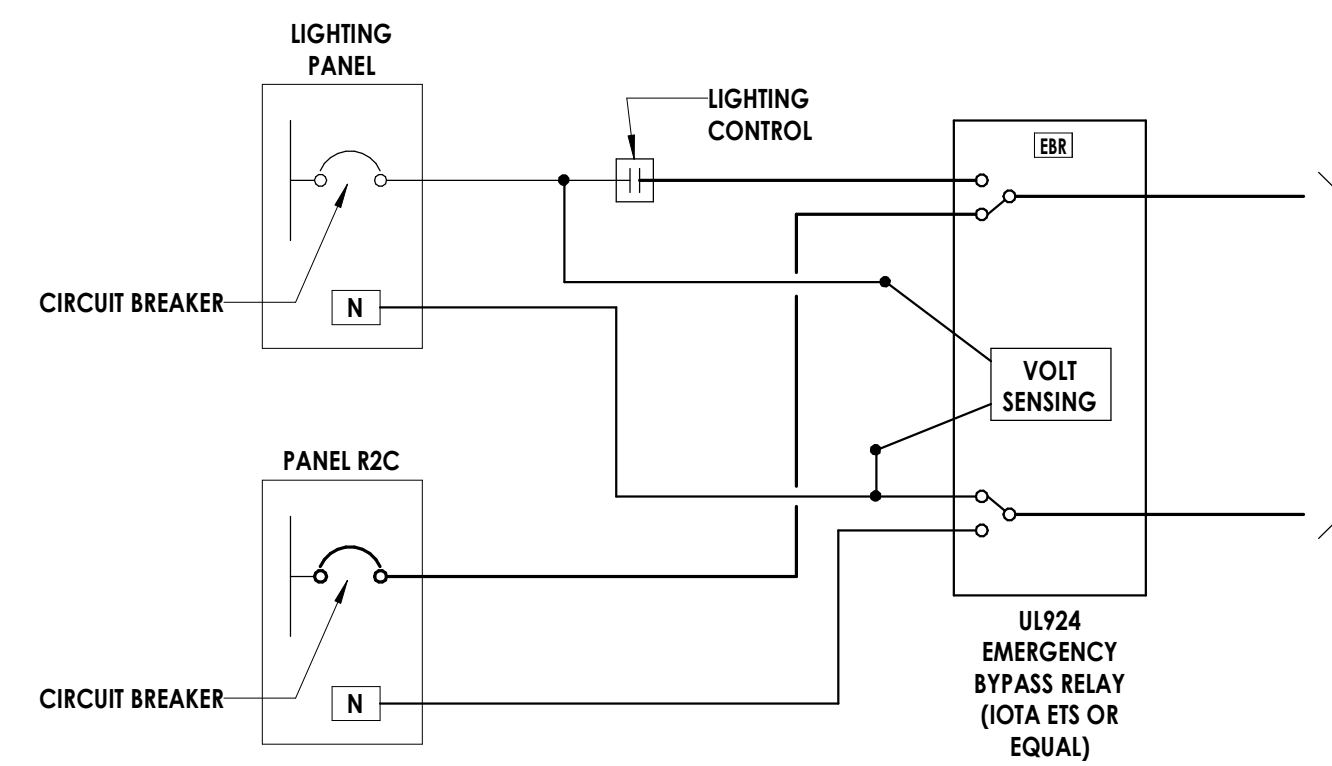
SIGNED: _____
 NAME: MICHAEL S. RANIERI
 TITLE: ELECTRICAL ENGINEER, P.E.

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 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.

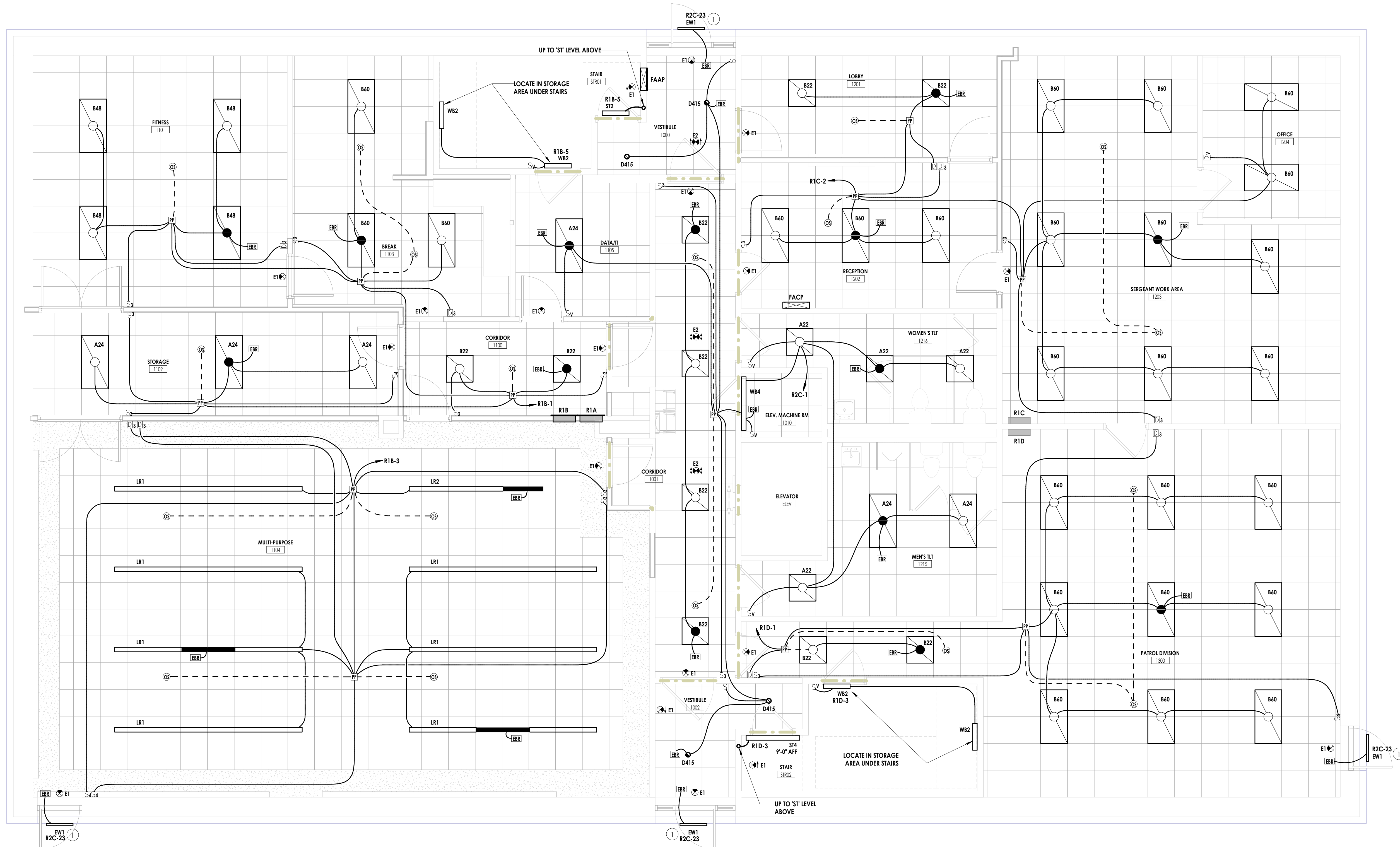
PLAN NOTES

- WIRE THROUGH EXISTING EXTERIOR LIGHTING CONTROLLER.



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.



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



CPL | Architecture Engineering Planning
 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 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

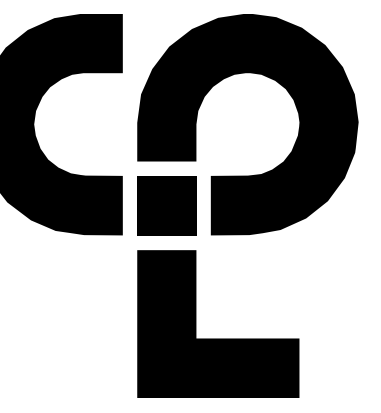
1 07/03/2024 JUNE ROCK HILL COMMENTS

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: _____



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

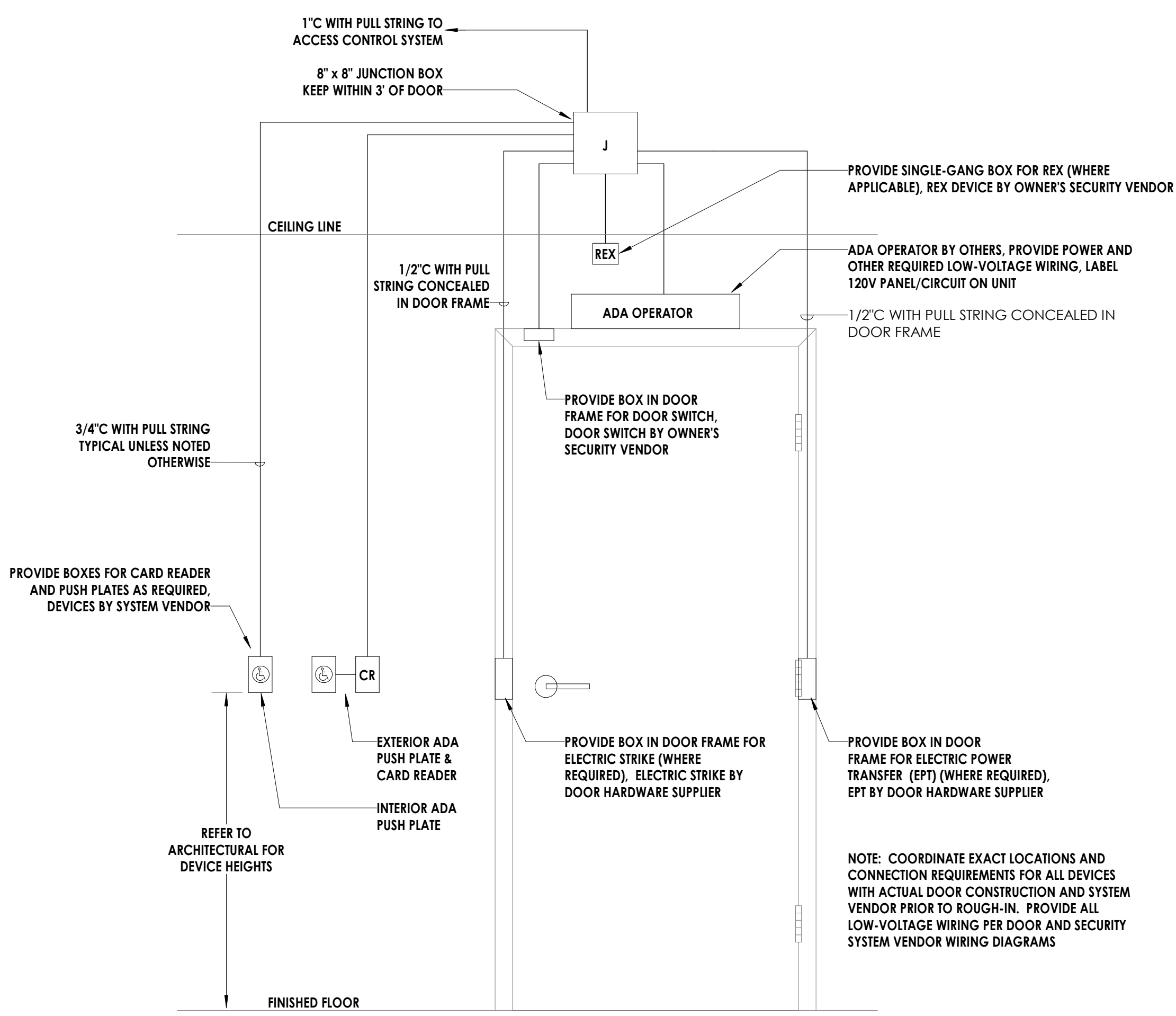
PROJECT ISSUE & REVISION SCHEDULE

7 - None

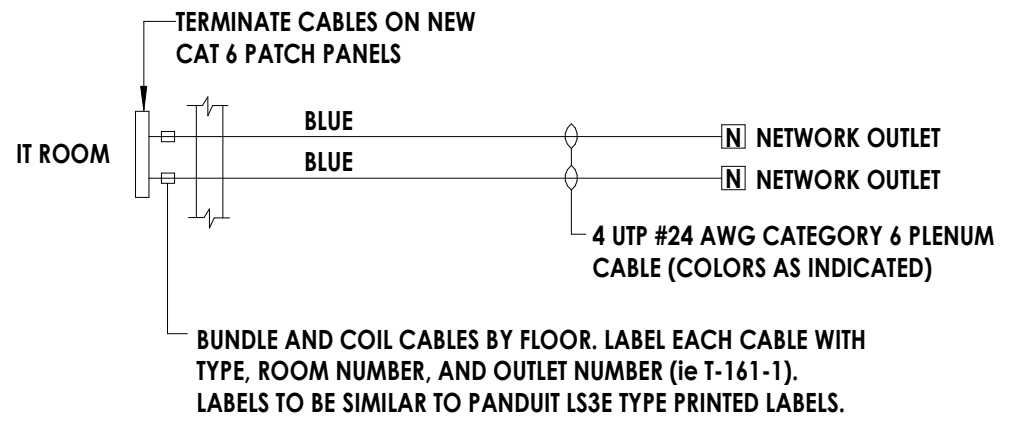
- GENERAL NOTES**
- COORDINATE EXACT LOCATION OF CAMERAS WITH OWNER PRIOR TO ROUGH-IN.
 - COORDINATE ALL ACCESS CONTROL DEVICES WITH OWNER AND DOOR HARDWARE PRIOR TO ROUGH-IN.
 - FOR ALL PANELS AND OTHER ELECTRICAL EQUIPMENT, MAINTAIN MINIMUM WORKING CLEARANCES IN THE DIRECTION OF LIVE PARTS PER NEC 110.26.
 - FOR EACH DETECTED 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:

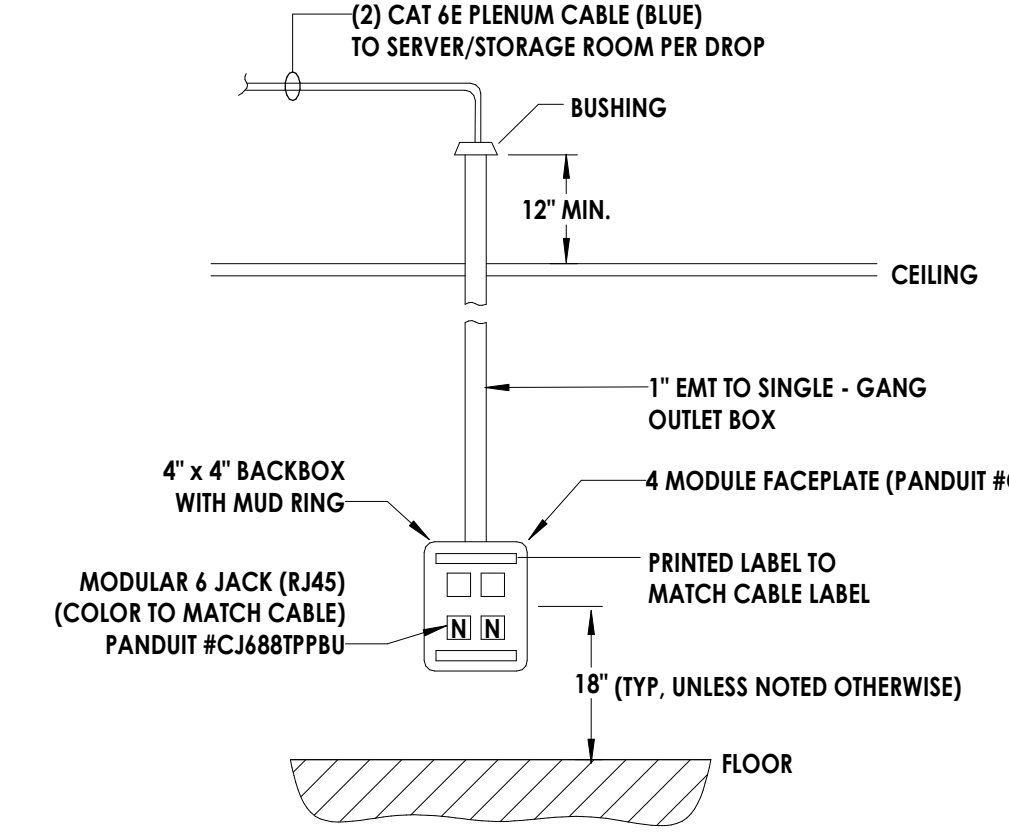
- TWO(2) 3" SLEEVED HOLES FOR PATHWAY BETWEEN DATA/IT 1105 AND IT 2109. PATHWAY SHOULD CONNECT DIRECTLY BETWEEN BOTH DATA/IT ROOMS. FIELD DETERMINE AND COORDINATE EXACT ROUTE.



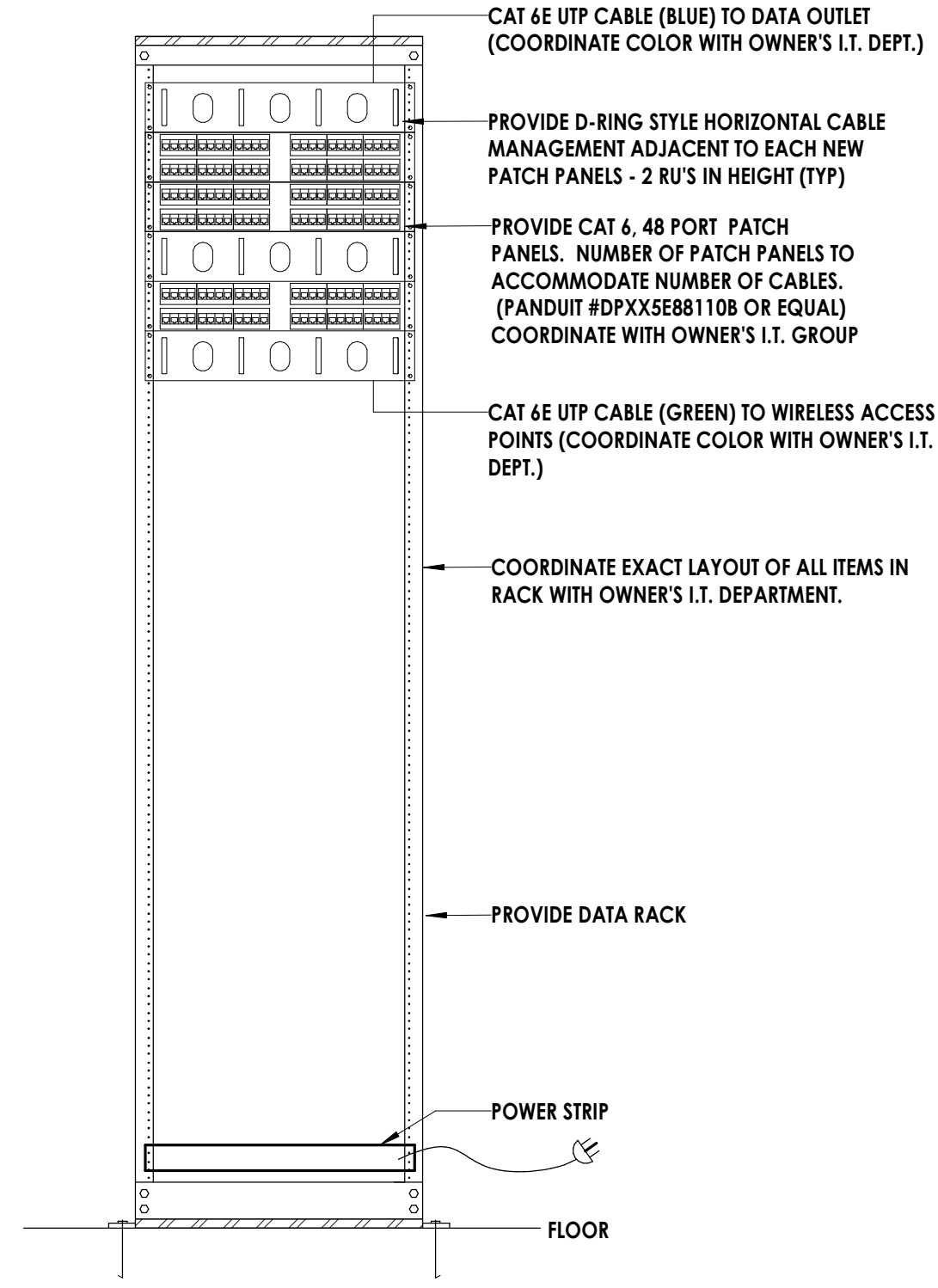
2 TYPICAL DOOR PREPARATION FOR ACCESS CONTROL - WITH ADA DOOR OPERATOR
E400 NOT TO SCALE



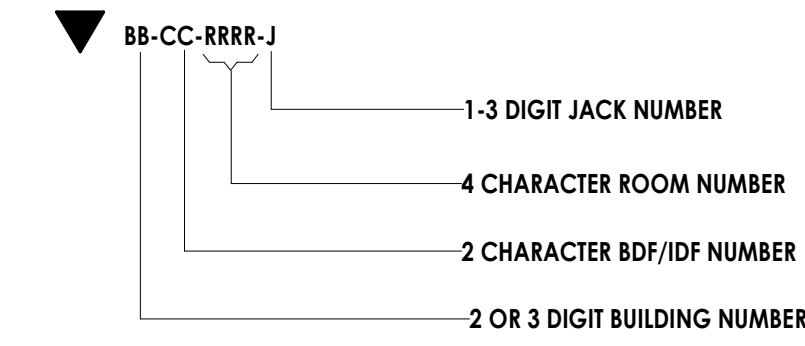
3 TYPICAL DATA RISER DIAGRAM
E400 NOT TO SCALE



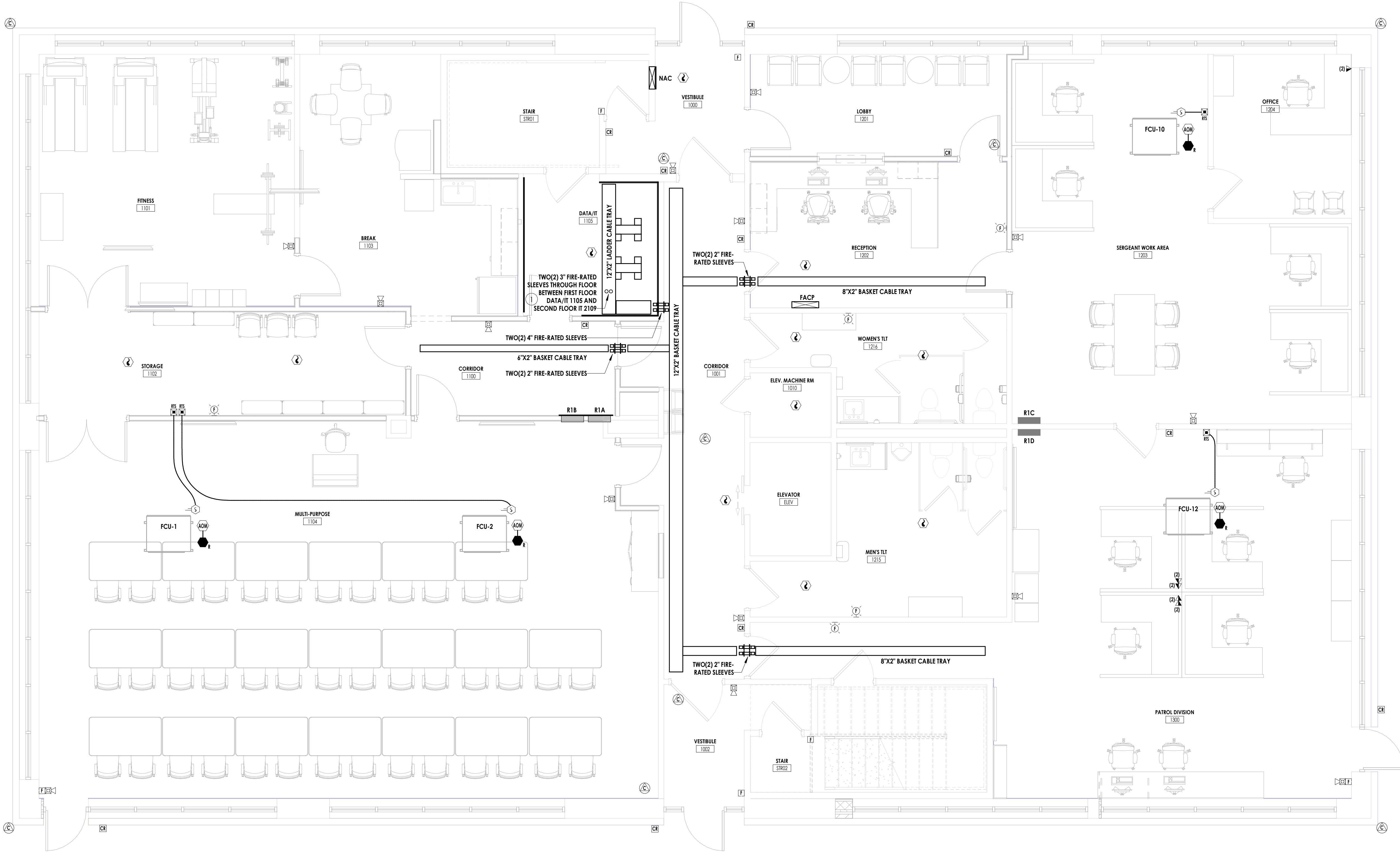
4 TYPICAL DATA OUTLET DETAIL
E400 NOT TO SCALE



5 MDF/ IDF RACK DETAIL
E400 NOT TO SCALE



6 DATA OUTLET LABELING SCHEME
E400 NOT TO SCALE



1 ELECTRICAL - LEVEL 1 - SYSTEMS PLAN
E400 1/4" = 1'-0"

PROFESSIONAL STAMPS



SHEET INFORMATION

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

Drawing Number:

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

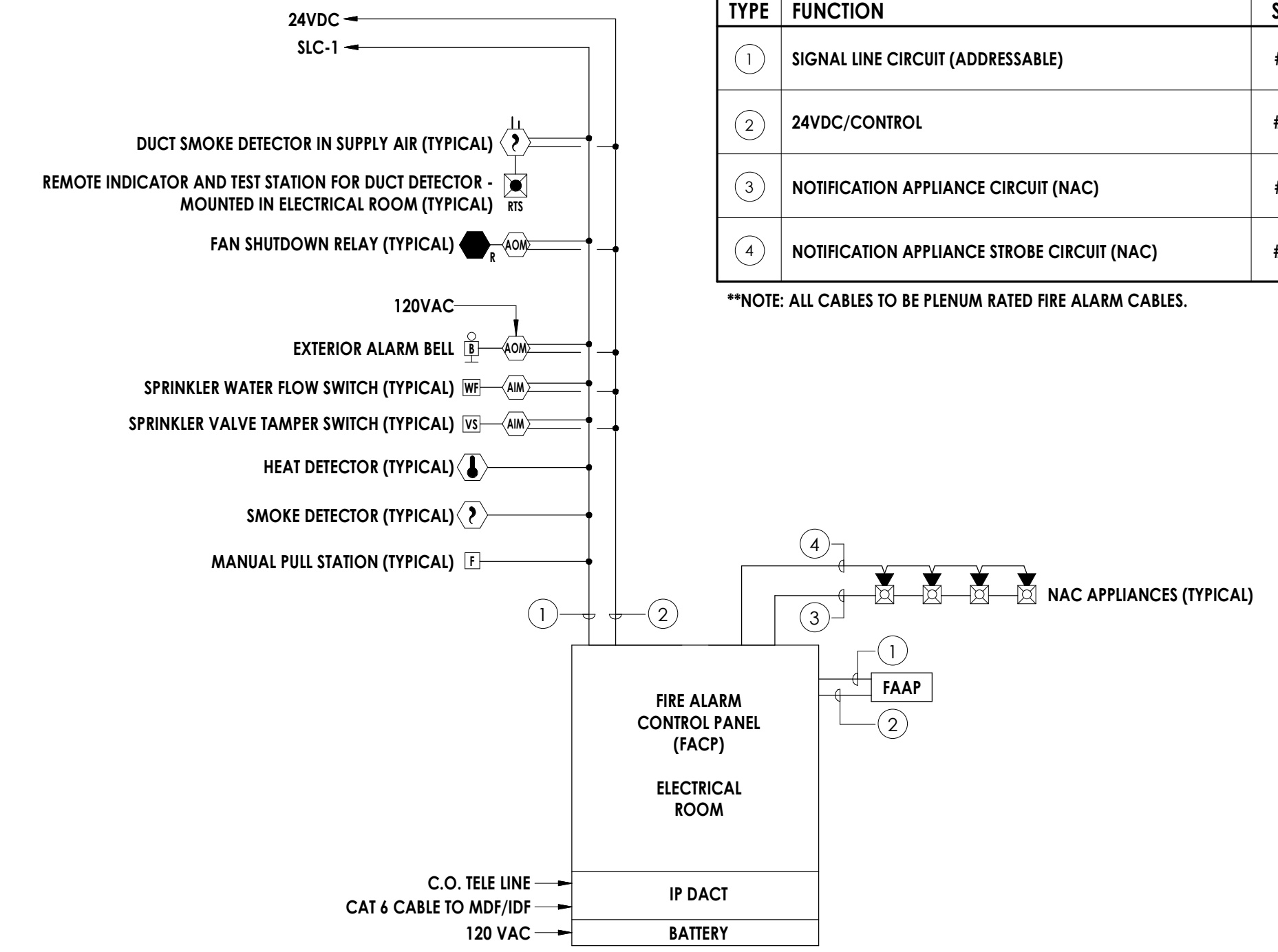
- MATRIX NOTES:**
- ADDRESSABLE SIGNAL LINE CIRCUITS (SLCS) ARE PERMITTED TO SERVE MULTIPLE FLOOR SECTIONS, OR MORE THAN ONE BUILDING AREA, IF PERMITTED BY QUANTITY OF DEVICES AND REQUIRED SPARE CAPACITY.
 - IF ANY SLCS SERVES MORE THAN ONE FLOOR OR AREA, INSTALL AN ISOLATION MODULE AT THE TERMINAL CABINET 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.

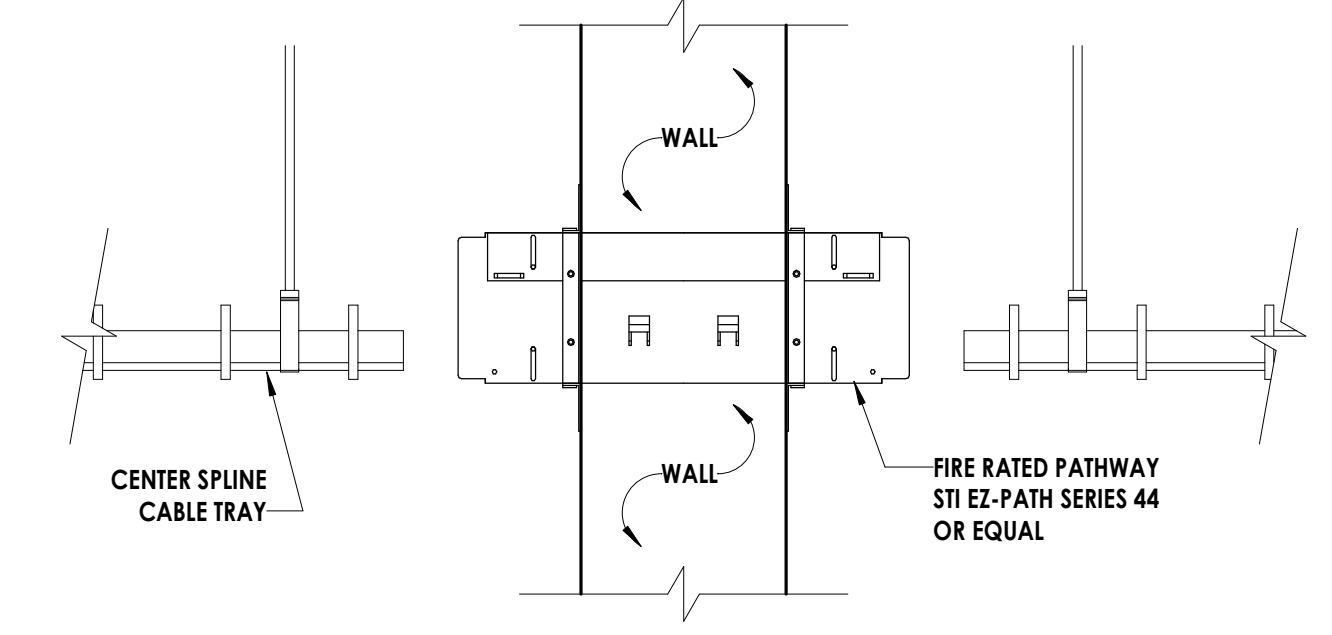
NOTICE TO FIRE ALARM SYSTEM CONTRACTOR
REMINDED, NOTIFY THE STATE FIRE MARSHAL'S OFFICE, VIA SFM FORM 354A, AT LEAST 10 WORKING DAYS PRIOR TO BEGINNING OF INSTALLATION OF FIRE ALARM SYSTEM (INCLUDING ROUGH-IN), AND SUBMIT THREE COPIES OF COMPLETE INFORMATION REGARDING SYSTEM, IN COMPLIANCE WITH NFPA 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

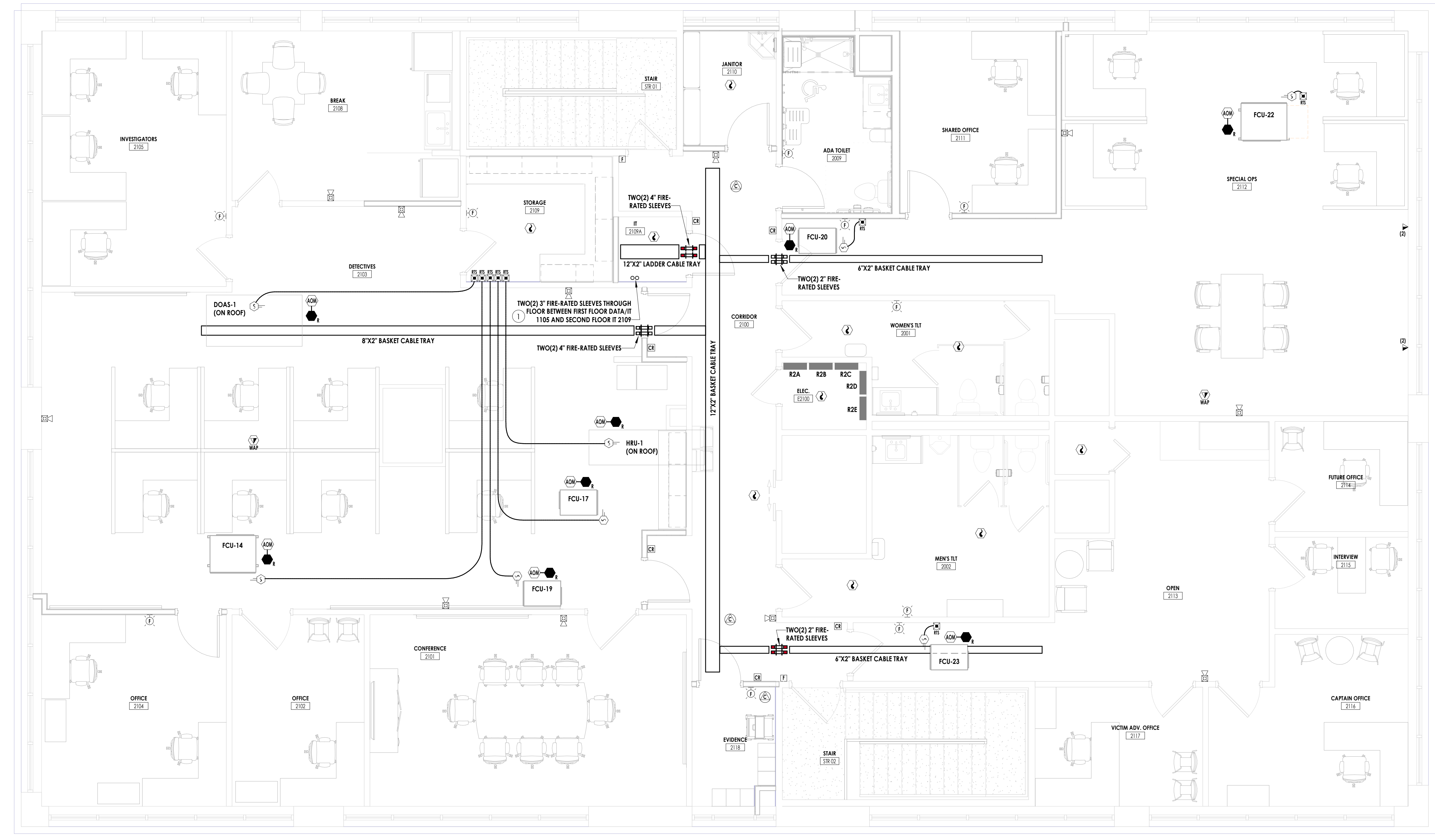
**NOTE: ALL CABLES TO BE PLENUM RATED FIRE ALARM CABLES.



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"

- 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 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.
 - 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 110S AND IT 2109. PATHWAY SHOULD CONNECT DIRECTLY BETWEEN BOTH DATA/IT ROOMS. FIELD DETERMINE AND COORDINATE EXACT ROUTE.

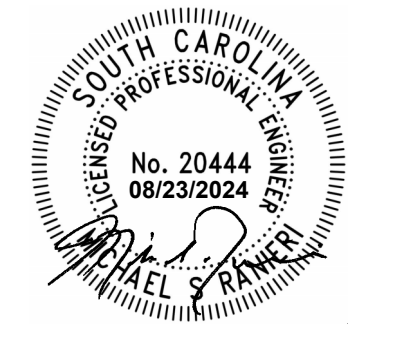


CPL | Architecture Engineering Planning
6302 Canview Road Suite 102
Charlotte, NC 28210
CPLteam.com

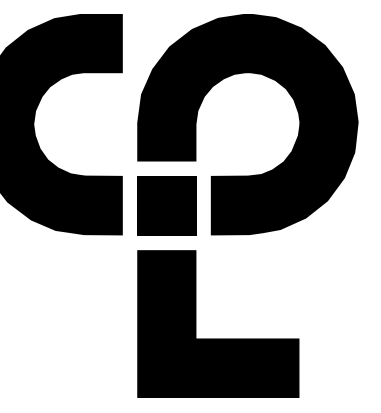
PROJECT INFORMATION
Project Number: R23.00720.00
Client Name: YORK COUNTY, SC
Project Name: DISTRICT 3 SHERIFF'S OFFICE
Project Address: 236 Northpark Drive, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE
7 Date

PROFESSIONAL STAMPS



SHEET INFORMATION
Name: Scale: As indicated
Date: 05/09/2024
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.
- F. 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.

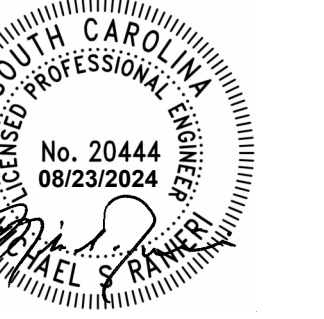
PROJECT INFORMATION

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

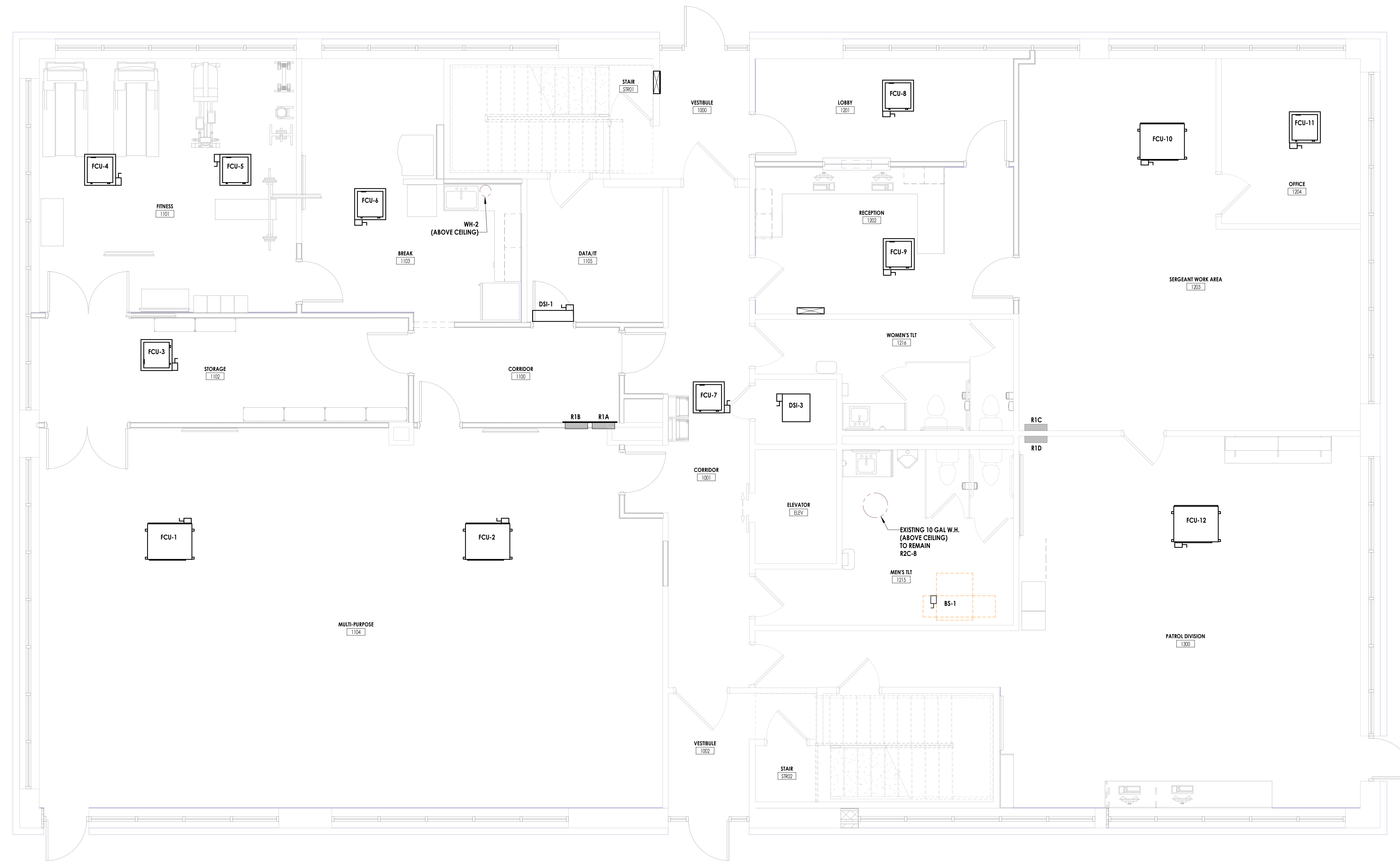
#	Date	Description

PROFESSIONAL STAMPS



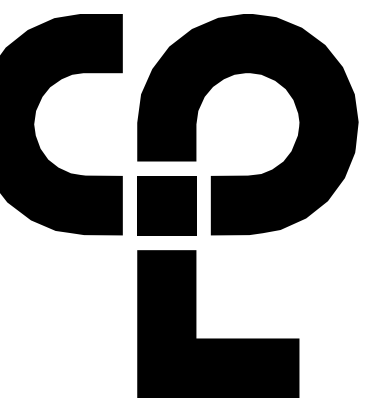
SHEET INFORMATION

Name: Scale: As indicated
 Date: 05/09/2024
 Project Status: 100% CONSTRUCTION DOCUMENTS
 Drawn By: JMSH 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"

8/23/2024 4:07:17 AM -project\locations\CDesign & Project Files on Blk 300



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

GENERAL NOTES

- A. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE ON E500 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.
- 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
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



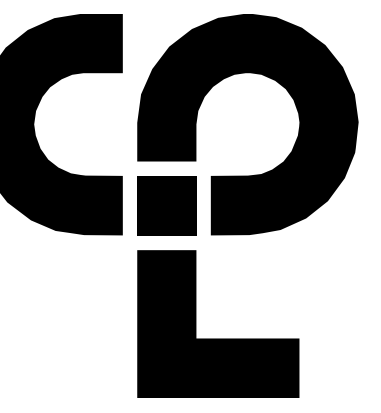
1 ELECTRICAL - LEVEL 2 - EQUIPMENT CONNECTION PLAN
 E501 1/4" = 1'-0"

PROFESSIONAL STAMPS



SHEET INFORMATION

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



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

GENERAL NOTES

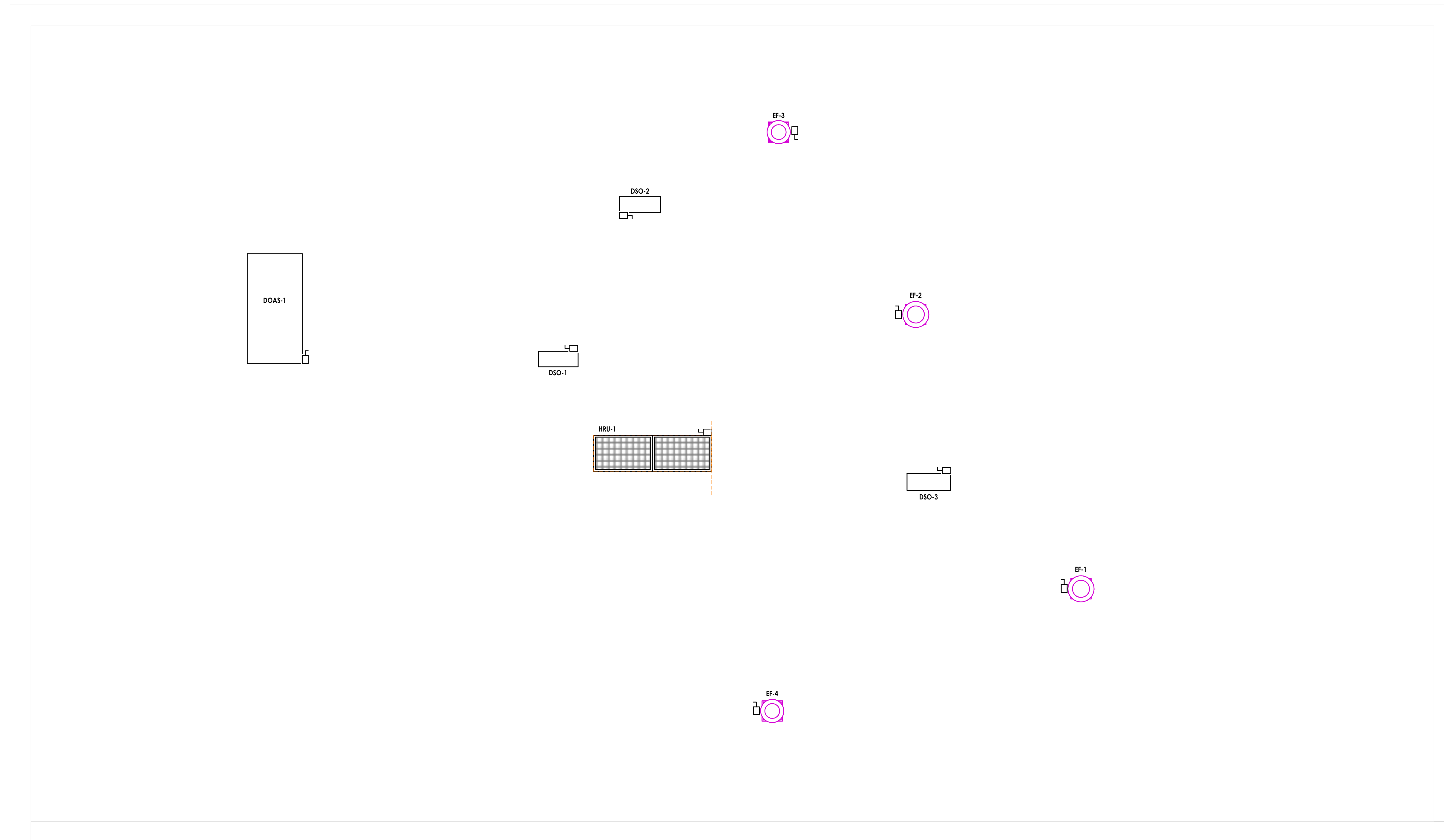
- A. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE ON E900 FOR CIRCUITING AND WIRING REQUIREMENTS FOR MECHANICAL AND PLUMBING EQUIPMENT.
- B. REFER TO ELECTRICAL SYSTEMS PLANS E400 AND E401 FOR DUCT SMOKE DETECTOR LOCATIONS AND SCOPE OF WORK.
- C. COORDINATE EXACT CIRCUIT REQUIREMENTS WITH ACTUAL 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.
- 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
 R23.00720.00
 Client Name
YORK COUNTY, SC
 Project Name
DISTRICT 3 SHERIFF'S OFFICE
 Project Address
 236 Northpark Drive, Rock Hill, SC 29730

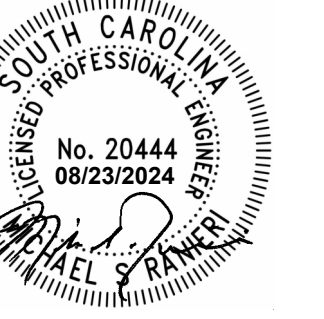
PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description



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

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 - ROOF - EQUIPMENT CONNECTION PLAN
 Drawing Number

