

# FOULGER-PRATT HEADQUARTERS

12435 PARK POTOMAC AVE.,  
POTOMAC, MD

ISSUED FOR PERMIT AND BID

05.28.15



PERKINS  
+ WILL

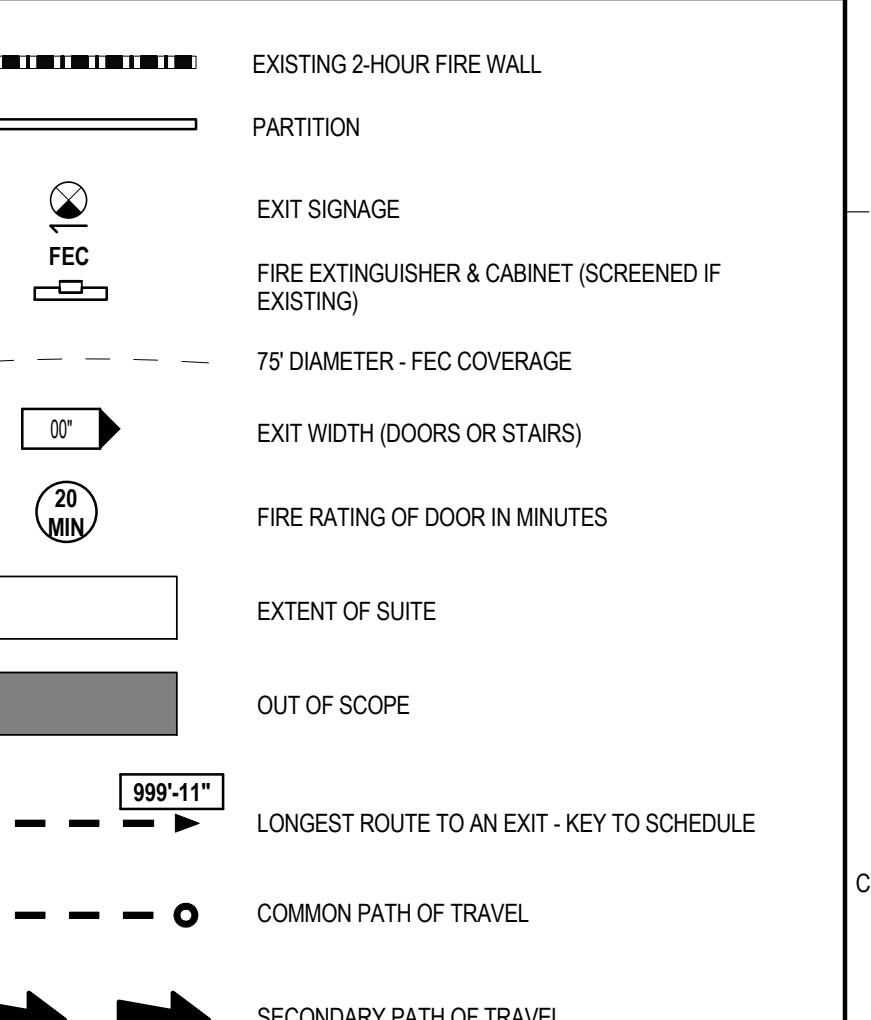




**CODE COMPLIANCE PLAN  
GENERAL NOTES**

- EXISTING WALLS BUILDING CORE WALLS TO REMAIN 2 HOUR RATED.
- THESE DRAWINGS WERE DEVELOPED FROM EXISTING DRAWINGS PROVIDED BY THE OWNER.
- REFER TO FIRE ALARM FA-401 FOR LOCATION AND QUANTITY OF SMOKE DETECTORS, PERFORMANCE SPECIFICATION.
- REFER TO D2A0A-40 FOR FIRE EXTINGUISHER CABINET DETAIL.
- VERIFY THAT ALL EXISTING DOORS IN RATED WALLS ARE LABELED WITH THE APPROPRIATE MARK THAT ARE IN THE SCOPE OF THE WORK.
- VERIFY THAT ALL EXISTING WALLS THAT ARE LABELED AS FIRE RATED OR SMOKE TIGHT MEET THE REQUIREMENTS OF THE LABELING.
- MAINTAIN EXISTING FIRE RESISTANCE RATINGS AT WALLS, DOORS, AND FLOORS.
- MANTAIN NO-OBSTRUCTED REQUIRED EGRESS PATHWAYS THROUGHOUT CONSTRUCTION.
- ALL EXISTING DOORS ARE UNCHANGED, UNLESS NOTED OTHERWISE.
- NO CHANGE WITH ELEVATOR AND STAIR RATED ENCLOSURES.
- OCCUPANCY FOR ALL SPACES DEFINED PER IBC TABLE 1004.1.1.

**CODE COMPLIANCE PLAN  
LEGEND**



**OCCUPANT LOAD  
CALCULATIONS FOR LEVEL 2**

AREA	SQ. FT.	CODE	OCC. LOAD	OCC. LOAD	REQ. EXIT	TOTAL EXIT	TOTAL EXIT
			FACTOR	WIDTH/CC	WIDTH	WIDTH	WIDTH
ASSEMBLY - UNCONC. TABLES & CHAIRS	1,287 SF	IBC	15 SF	87	0.2	17.45'	
BUSINESS	17,515 SF	IBC	100 SF	177	0.2	35.32'	
MECH/EQUIP/STOR. R.	318 SF	IBC	300 SF	2	0.2	0.51'	
	19,120 SF			265		53.28'	79"

**EXIT NUMBER AND  
ARRANGEMENT FOR LEVEL 2**

GREATEST TRAVEL DISTANCE TO AN EXIT: (FROM ANY POINT IN A ROOM)  
151'-10" SHOWN - 300' ALLOWED WITH SPRINKLER

MINIMUM NUMBER OF EXITS REQUIRED:  
2 PROVIDED - 2 REQUIRED

MAXIMUM DEAD END LENGTH:  
29' SHOWN - 50' MAXIMUM

**PLUMBING FIXTURE COUNT  
LEVEL 2**

PLUMBING CALCULATIONS FROM ICC 2012 PLUMBING CODE TABLE 403.1 MINIMUM REQUIRED PLUMBING FIXTURES.

NUMBER OF OCCUPANTS - BUSINESS - B  
(INCLUDING CONFERENCE ROOMS 205 & 211 AND TEAM ROOMS 234, 266, & 278 AS NON-ACCESSORY USE)

WC = 1.25 FOR THE FIRST 50 AND 1.50 FOR REMAINDER EXCEEDING 50  
LAV = 1.00 FOR THE FIRST 80 AND 1.00 FOR REMAINDER EXCEEDING 80

176 OCCUPANTS  
WC = 4.52 REQUIRED  
LAV = 3.20 REQUIRED

NUMBER OF OCCUPANTS - ASSEMBLY - A-2  
(RESTAURANTS, BANQUET HALLS, & FOOD COURTS)

WC = 1.75  
LAV = 1.200

23 OCCUPANTS  
WC = 3.1 REQUIRED  
LAV = 1.2 REQUIRED

NUMBER OF OCCUPANTS - ASSEMBLY - A-3 (AUDITORIUMS W/OUT PERMANENT SEATING)

WC = 1.25 MEN / 1.65 WOMEN  
LAV = 1.200

66 OCCUPANTS  
MEN WOMEN  
WC = .26 REQUIRED .51 REQUIRED  
LAV = .33 REQUIRED

TOTAL FIXTURES REQUIRED: WC = 5.56  
LAV = 3.65

TOTAL FIXTURES PROVIDED: WC = 8.4 MEN (TWO URINALS), 3 WOMEN, 1 UNISEX  
LAV = 5 - 2 MEN, 2 WOMEN, 1 UNISEX

<input type="checkbox"/> << Indicates Sheet Keynote on Plan
LS1 DOOR EGRESS IN DIRECTION OF EGRESS
LS2 INTERNAL MEETING ROOM NO ADDITIONAL OCCUPANTS. CLASSIFIED AS BUSINESS UNDER NON-SIMULTANEOUS USE
LS3 DISTANCE BETWEEN EXIT DOORS IS GREATER THAN 1/3 DIAGONAL DISTANCE OF SINGLE CONFERENCE ROOM
LS4 DISTANCE BETWEEN EXIT DOORS IS GREATER THAN 1/3 OF THE DIAGONAL DISTANCE OF COMBINED CONFERENCE ROOMS
LS5 PLACEMENT OF EXIT LOGGING DEVICE PER 1008.1.9.7
LS6 STAND PIPE LOCATION
LS7 ACCESS CONTROLLED EGRESS DOOR PER 1008.1.9.8
LS8 EGRESS WIDTH EXCEEDS 44"
LS9 FIXED TABLE
LS10 FIXED MILLWORK CREDENZA

**1 LEVEL 02 - CODE COMPLIANCE PLAN**

1/8" = 1'-0"

ISSUED FOR PERMIT/BID	05/28/15
90% CONSTRUCTION COMPLETED	05/15/15
MARK	ISSUE DATE

Job Number 860424.000

Drawn DS

Checked JP

Approved RL



DOOR SCHEDULE															
MARK	DOOR					FRAME					DETAILS	FIRE RATING	HARDWARE SET NO	REMARKS	
	DOOR NO	W	H	THK	TYPE	MATL	FINISH	GLZ	TYPE	MATL	FINISH				
7'-0"	200A	3'-6"	9'-0"	1/4"	AGP	GL	GL-1 FT	-	-	-	7	-	H2	1,2,3	
	201A	3'-6"	9'-0"	0'-1 1/4"	F	SCWD	PNT	-	-	-	4	3	H4	4	
	201B	3'-6"	9'-0"	0'-1 1/4"	F	SCWD	PNT	-	-	-	4	3	H4	4	
	201C	3'-6"	9'-0"	0'-1 1/4"	F	SCWD	PNT	-	-	-	4	3	H4	4	
	203A	3'-6"	8'-0"	0'-1 1/4"	F	SCWD	PNT	-	AL	AL	AL1	6	5	H6	
	205A	3'-6"	9'-0"	1/4"	AGP	GL	GL-1 FT	-	-	-	-	-	H3A		
	206A	3'-6"	9'-0"	1/4"	AGP	GL	GL-1 FT	-	-	-	7	-	H3		
	207A	3'-6"	9'-0"	1/4"	AGP	GL	GL-1 FT	-	-	-	7	-	H3		
	208A	3'-6"	9'-0"	1/4"	AGP	GL	GL-1 FT	-	-	-	7	-	H3		
	209A	3'-6"	9'-0"	1/4"	AGP	GL	GL-1 FT	-	-	-	7	-	H2A	1,2,3	
	211A	3'-6"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H5A	5	
	212A	3'-6"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H5	5	
	214A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	215A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	216A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	217A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	218A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	220A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	221A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	222A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	224A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	225A	3'-6"	9'-0"	1/4"	AGP	GL	GL-1 FT	-	-	-	3/A00-71	-	H2A	1,2,3	
	226A	3'-0"	8'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	2/A00-71	H6
	226B	3'-0"	8'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H6	
	226C	3'-0"	8'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H6	
	226D	3'-0"	8'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H6	
	227A	3'-0"	8'-6"	0'-1 1/4"	F	SCWD	PNT	-	AL	AL	AL1	6	5	2/A00-71	H6
	228A	3'-0"	8'-6"	0'-1 1/4"	F	SCWD	PNT	-	AL	AL	AL1	6	5	4/A00-71	H6
	229A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H7	5	
	230A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	231A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	232A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	234A	3'-4"	8'-3 1/4"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	235A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	237A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	239A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	240A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	241A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	250A	3'-8"	9'-0"	0'-1 1/4"	WBD	CUSTOM	ST	-	-	-	-	-	H1	6	
	250B	3'-8"	9'-0"	0'-1 1/4"	WBD	CUSTOM	ST	-	-	-	-	-	H1	6	
	257A	3'-4"	9'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H1	5
	259A	3'-4"	9'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H1	5
	261A	3'-4"	9'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H1	5
	263A	3'-4"	9'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H1	5
	265A	3'-4"	9'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H1	5
	266A	3'-0"	8'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H1	5
	267A	3'-4"	9'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H1	5
	271A	3'-0"	8'-0"	0'-1 1/4"	F	SCWD	PNT	-	AL	AL	AL1	6	5	2/A00-71	H6
	272A	3'-0"	8'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H10	1
	273A	3'-0"	8'-0"	0'-1 1/4"	F	SCWD	PNT	-	HM	STL	PNT	2	1	H6	
	275A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	277A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	278A	3'-4"	8'-3 1/4"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	281A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	282A	3'-5"	9'-0"	1/4"	AGP	GL	GL-1 FT	-	-	-	-	-	H2A	1,2,3	
	283A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	
	284A	3'-4"	9'-0"	1/4"	AGS	GL	GL-1 FT	-	-	-	-	-	H1	5	

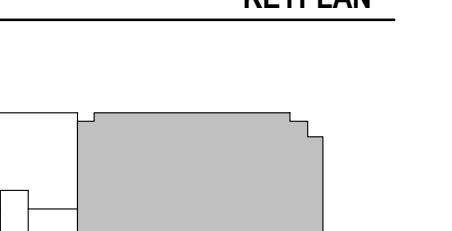
PROFESSIONAL CERTIFICATION I  
CERTIFY THAT THESE DOCUMENTS  
WERE PREPARED OR APPROVED BY ME  
AND THAT I AM A DULY LICENSED  
ARCHITECT UNDER THE LAWS OF THE  
STATE OF MARYLAND, NUMBER  
1039, EXPIRATION DATE 08.02.2016.

PROJECT

**FOULGER-PRATT**

FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN



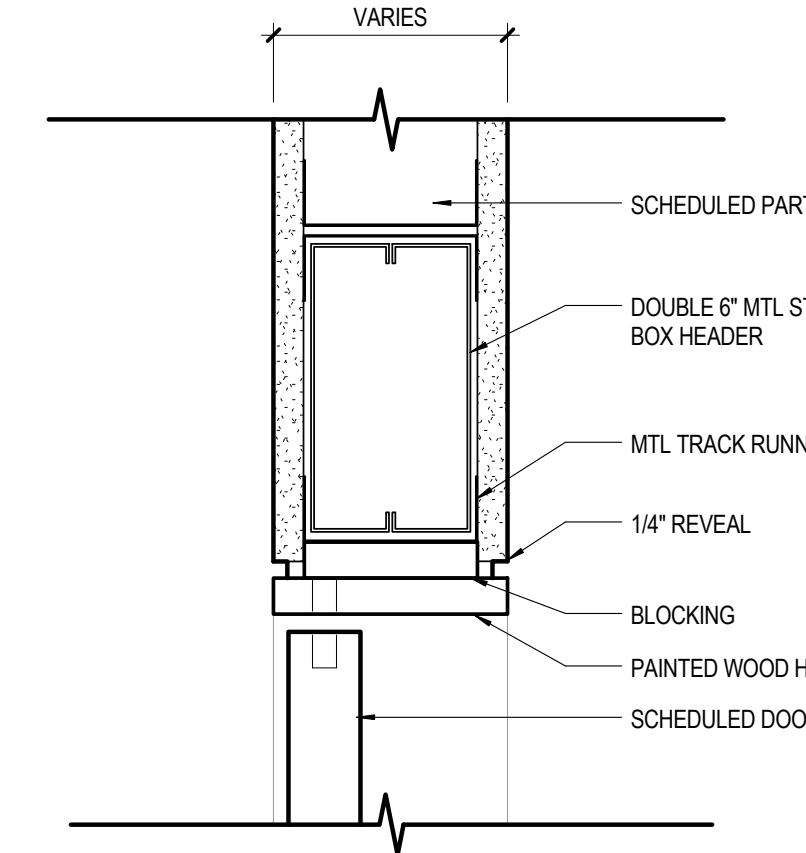
ISSUE CHART

ISSUED FOR PERMIT/BID	05/28/15
90% CONSTRUCTION DOCUMENTS	05/19/15
75% CONSTRUCTION DOCUMENTS	05/01/15
DESIGN DEVELOPMENT	03/06/15
MARK	ISSUE DATE
Job Number	860424.000
Drawn	JR/HR
Checked	JP
Approved	RL

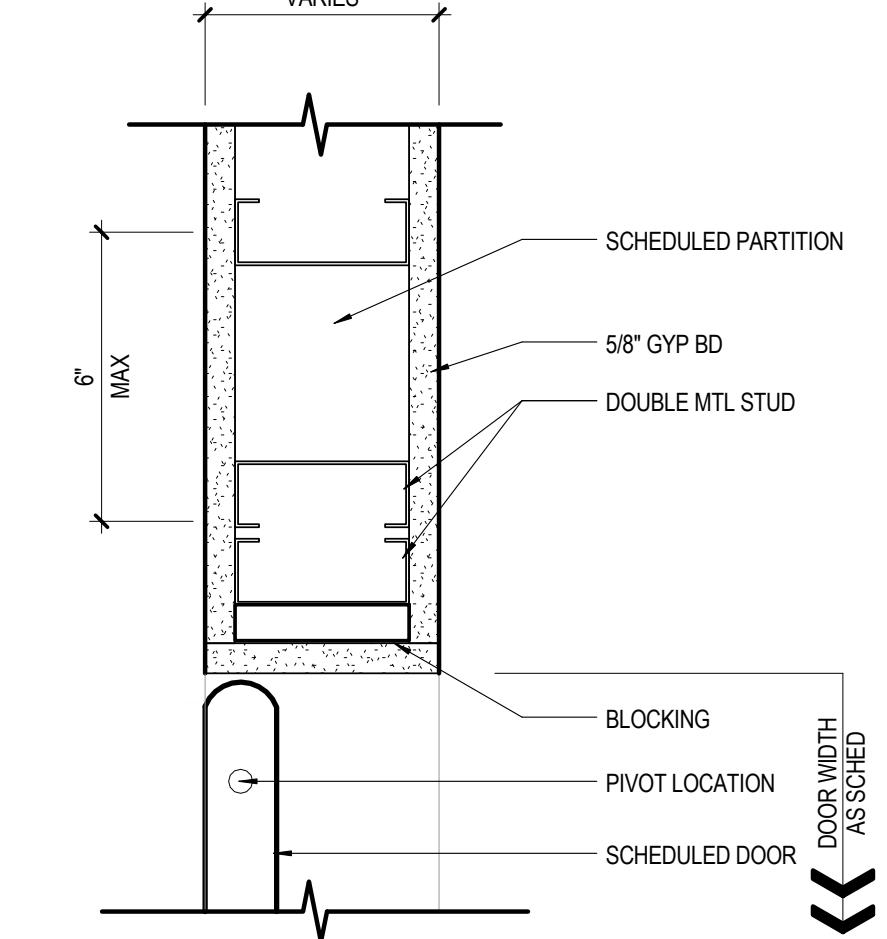
DOOR DETAILS

SHEET NUMBER

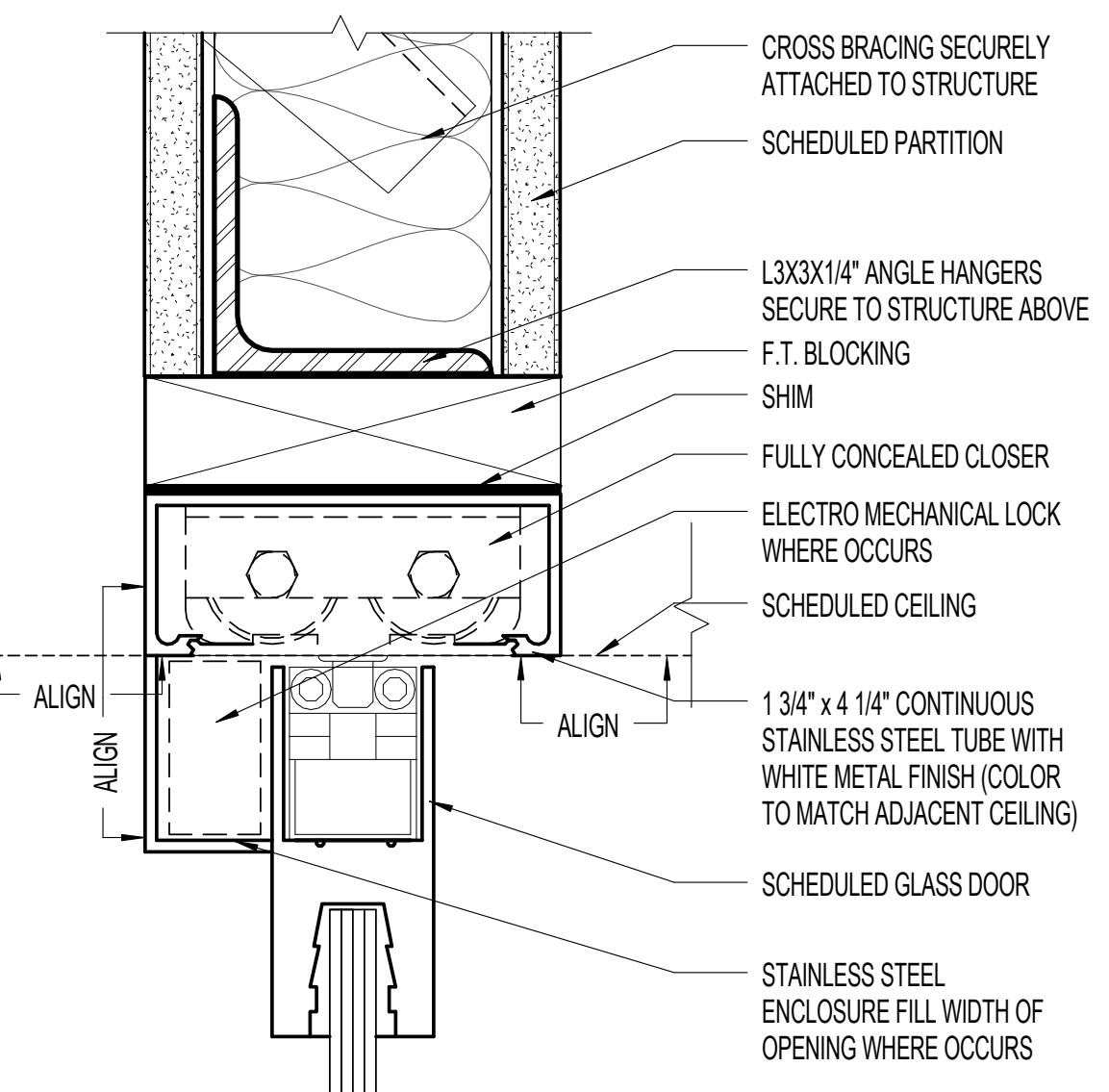
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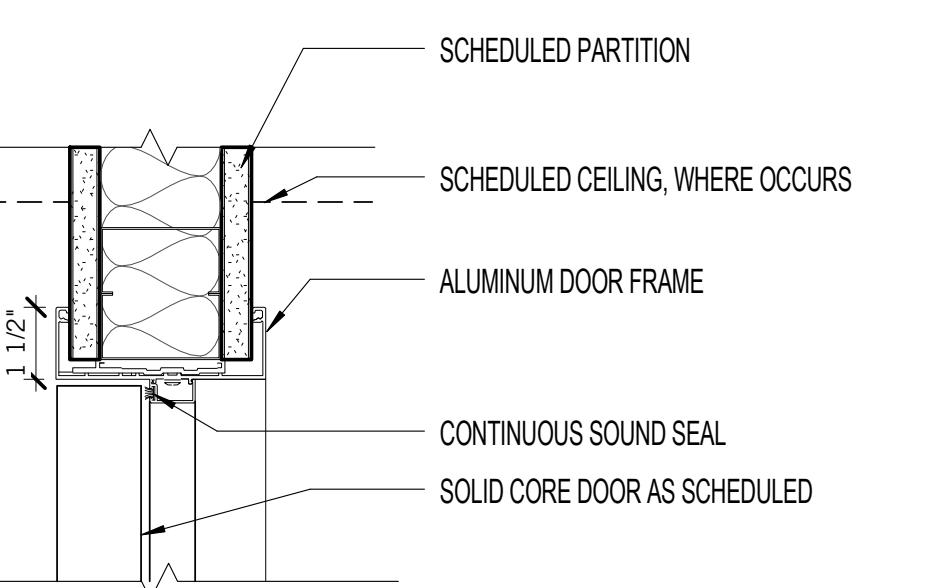
④ HEAD DETAIL  
3' = 1'-0"



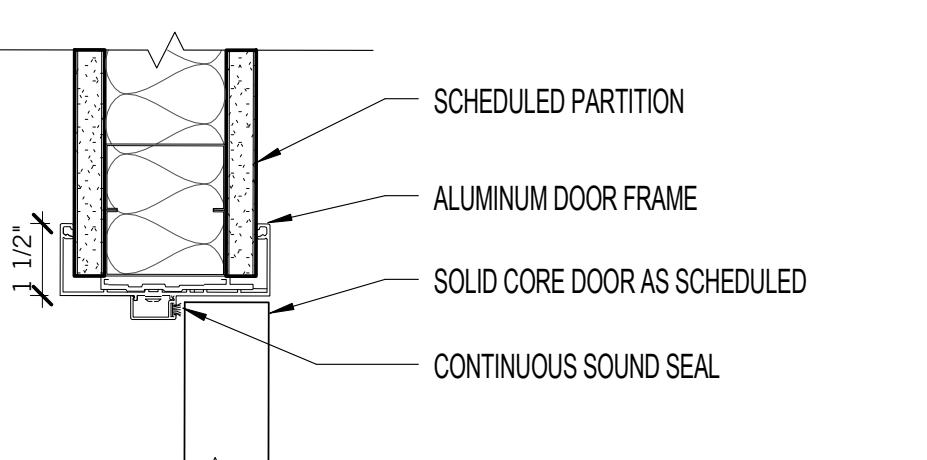
③ JAMB DETAIL  
3' = 1'-0"  
@ PIVOT DOORS IN CASED OPENINGS



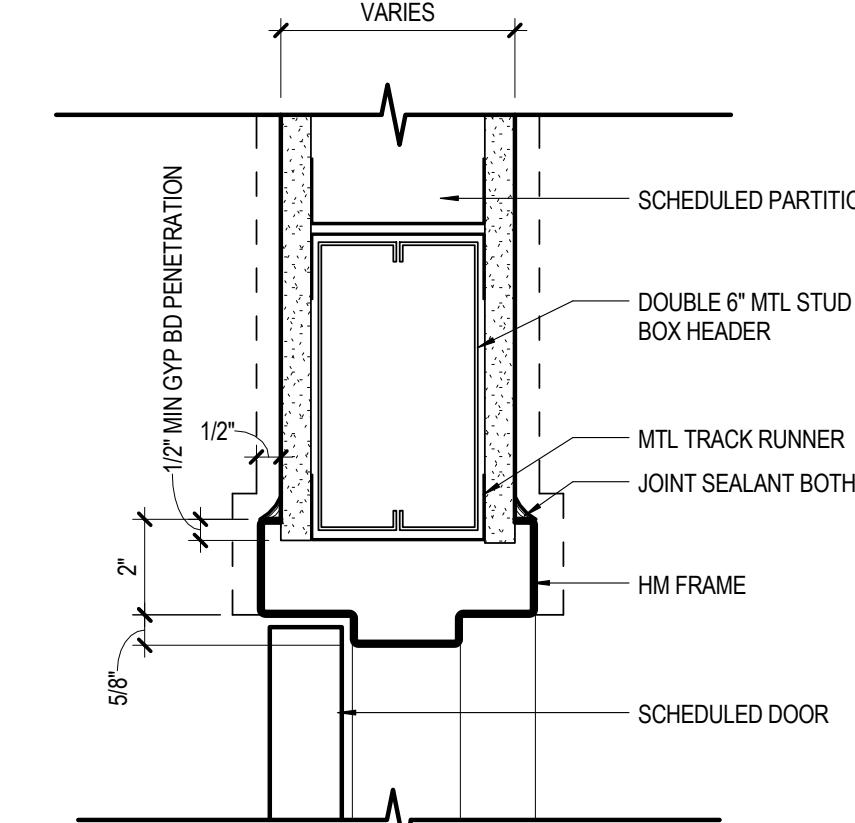
⑦ GLASS DOOR W/ CONCEALED OVERHEAD CLOSER  
6' = 1'-0"  
@ TYPICAL GLASS DOOR



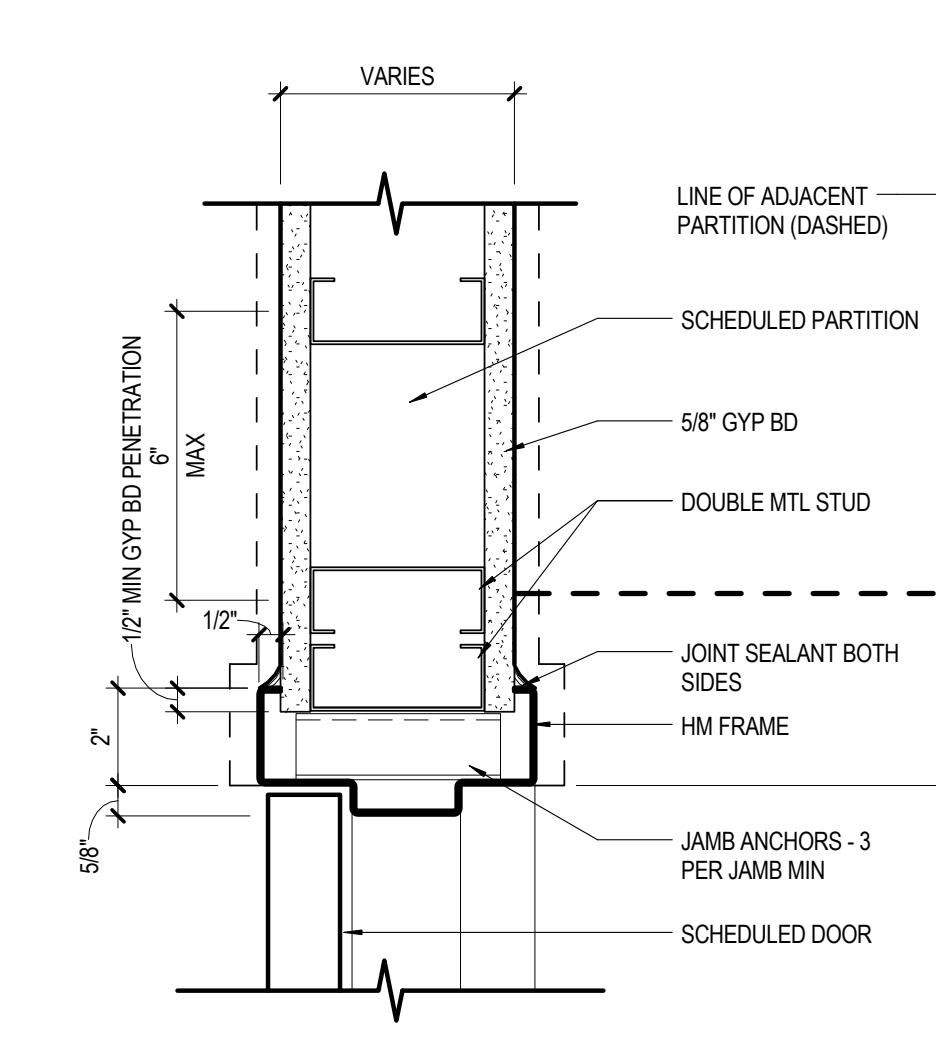
⑥ ALUMINUM DOOR HEAD  
3' = 1'-0"  
@ ALUMINUM FRAMES



⑤ ALUMINUM DOOR JAMB  
3' = 1'-0"  
@ ALUMINUM FRAMES



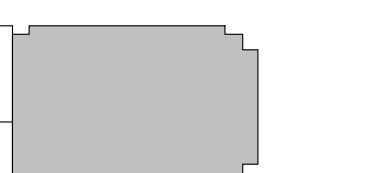
② HOLLOW METAL HEAD DETAIL  
3' = 1'-0"  
@ TYPICAL DOORS



① HOLLOW METAL JAMB DETAIL  
3' = 1'-0"  
@ TYPICAL DOOR







ISSUED FOR PERMIT/BID	05/28/15
90% CONSTRUCTION DOCUMENTS	05/19/15
75% CONSTRUCTION DOCUMENTS	05/01/15
DESIGN DEVELOPMENT	03/06/15
MARK	ISSUE DATE

Job Number 860424.000  
Drawn JR/HR  
Checked JP  
Approved RL

**EQUIPMENT SCHEDULE //**

**1 // PANTRY EQUIPMENT & APPLIANCES**

CODE	ITEM	LOCATION	DESCRIPTION	MANUFACTURER:	MODEL:	FINISH:	DIMENSIONS:	ENERGY STAR?:	PROCURED BY:	INSTALLED BY:	NOTES:
E1.01	UNDERMOUNT SINK & DISPOSAL	CAFE, EXECUTIVE RESTROOM (NO DISPOSAL)	MANUFACTURER: KOHLER MODEL: VAULT K-3822 UNDERMOUNT STAINLESS STEEL DIMENSIONS: 25" W X 22" D X 9-5/16" H ENERGY STAR?: N/A PROCURED BY: GC INSTALLED BY: GC NOTES: WITH STAINLESS STEEL RACK & INSINKERATOR BADGER 5								
E1.02	FAUCET	CAFE	MANUFACTURER: KOHLER MODEL: SIMPLY K-596-CP FINISH: POLISHED CHROME DIMENSIONS: 16-5/8" H ENERGY STAR?: N/A PROCURED BY: GC INSTALLED BY: GC NOTES: ADD AERATOR TO PROVIDE 1.3 GPM MAX FLOW RATE AT 60 PSI								
E1.03	TOP-MOUNT SINK	WELLNESS	MANUFACTURER: KOHLER MODEL: VAULT K-3822 TOP-MOUNT STAINLESS STEEL DIMENSIONS: 25" W X 22" D X 9-5/16" H ENERGY STAR?: N/A PROCURED BY: GC INSTALLED BY: GC NOTES: WITH STAINLESS STEEL RACK								
E1.04	FAUCET	WELLNESS, EXECUTIVE RESTROOM	MANUFACTURER: KOHLER MODEL: SIMPLY K-597-CP FINISH: POLISHED CHROME DIMENSIONS: 15-3/8" H ENERGY STAR?: N/A PROCURED BY: GC INSTALLED BY: GC NOTES: ADD AERATOR TO PROVIDE 1.3 GPM MAX FLOW RATE AT 60 PSI								
E1.05	SOAP DISPENSER	CAFE, WELLNESS, EXECUTIVE RESTROOM	MANUFACTURER: KOHLER MODEL: K-1995-CP FINISH: POLISHED CHROME DIMENSIONS: 15-3/8" H ENERGY STAR?: N/A PROCURED BY: GC INSTALLED BY: GC NOTES: 1 AT EACH SINK								
E1.06	FILTERED WATER DISPENSER	CAFE	MANUFACTURER: KINGSTON BRASS MODEL: KG1991 AMERICANA WATER FILTER ALL FAUCET FINISH: POLISHED CHROME DIMENSIONS: 4" W X 25-3/4" D X 84" H ENERGY STAR?: N/A PROCURED BY: GC INSTALLED BY: GC NOTES:								
E1.07	REFRIGERATOR/FREEZER, FULL-HEIGHT	CAFE	MANUFACTURER: GE MONOGRAM MODEL: ZISS480NHS FINISH: STAINLESS STEEL DIMENSIONS: 48" W X 25-3/4" D X 84" H ENERGY STAR?: N/A PROCURED BY: GC INSTALLED BY: GC NOTES: 29.5 CU. FT. CAPACITY								
E1.08	REFRIGERATOR UNDERCOUNTER	WELLNESS, EXECUTIVE PANTRY, COFFEE NOOK IN RECEPTION	MANUFACTURER: U-LINE MODEL: ADA24R FINISH: STAINLESS STEEL DIMENSIONS: 23-15/16" W X 23-5" D X 34" H ENERGY STAR?: YES PROCURED BY: GC INSTALLED BY: GC NOTES: ADA COMPLIANT								
E1.09	ICE MAKER	CAFE	MANUFACTURER: ICE-O-MATIC MODEL: GEMU090 FINISH: STAINLESS STEEL DIMENSIONS: 14.8" W X 22.7" D X 33.4" H ENERGY STAR?: N/A PROCURED BY: GC INSTALLED BY: GC ADA COMPLIANT: NO NOTES:								
E1.10	MICROWAVE	CAFE	MANUFACTURER: GE PROFILE MODEL: PEM31SFSS FINISH: STAINLESS STEEL DIMENSIONS: 24" W X 12-7/8" D X 12.25" H ENERGY STAR?: N/A PROCURED BY: GC INSTALLED BY: GC NOTES:								
E1.11	TOASTER OVEN	CAFE	MANUFACTURER: MODEL: FINISH: DIMENSIONS: ENERGY STAR?: N/A PROCURED BY: TENANT INSTALLED BY: TENANT NOTES:								
E1.12	TOASTER	CAFE	MANUFACTURER: MODEL: FINISH: DIMENSIONS: ENERGY STAR?: N/A PROCURED BY: TENANT INSTALLED BY: TENANT NOTES:								
E1.13	COFFEE MACHINE	CAFE	MANUFACTURER: AVALON PETITE X STANDARD MODEL: PETITE X STANDARD FINISH: STANDARD DIMENSIONS: 12" W X 23" D X 40" H ENERGY STAR?: N/A PROCURED BY: TENANT INSTALLED BY: TENANT NOTES:								
E1.14	VENDING MACHINE	CAFE	MANUFACTURER: CHAMELEON G III RV660 MODEL: CHAMELEON G III RV660 FINISH: STANDARD DIMENSIONS: 72" H X 37" W X 33.5" D ENERGY STAR?: N/A PROCURED BY: TENANT INSTALLED BY: TENANT NOTES:								
E1.15	COFFEE MACHINE	RECEPTION, COFFEE	MANUFACTURER: KEURIG B3000-E MODEL: B3000-E FINISH: STANDARD DIMENSIONS: 12" W X 18" D X 17.4" H ENERGY STAR?: N/A PROCURED BY: TENANT INSTALLED BY: TENANT NOTES:								
E1.16	VENDING MACHINE	CAFE	MANUFACTURER: AP 932 MODEL: AP 932 FINISH: STANDARD DIMENSIONS: 72" H X 33.5" W X 27.5" D ENERGY STAR?: N/A PROCURED BY: TENANT INSTALLED BY: TENANT NOTES:								

**EQUIPMENT SCHEDULE //**

**2 // OFFICE EQUIPMENT**

CODE	ITEM	LOCATION	DESCRIPTION	MANUFACTURER:	MODEL:	FINISH:	DIMENSIONS:	ENERGY STAR?:	PROCURED BY:	INSTALLED BY:	NOTES:
E2.01	PRINTER	COPY AREAS	MANUFACTURER: HP MODEL: 4250 SERIES FINISH: DIMENSIONS: 16'W X 16'D X 18'H								
E2.02	MULTI- FUNCTION DEVICE (PRINTER, COPIER, FAX)	COPY AREAS	MANUFACTURER: RICOH MODEL: MP C6003 FINISH: DIMENSIONS: 23.1" W X 27" D X 37.9" H								
E2.03	MULTI- FUNCTION DEVICE (PRINTER, COPIER, FAX)	COPY AREAS	MANUFACTURER: RICOH MODEL: MPC 4502 FINISH: DIMENSIONS: 26.4" W X 26.7" D X 30" H								
E2.04	MULTI- FUNCTION DEVICE (PRINTER, COPIER, FAX)	PRODUCTION ROOM	MANUFACTURER: RICOH MODEL: PRO 5100 FINISH: DIMENSIONS: 32.9" W X 34.6" H X 48.4" H								
E2.05	PLAN PLOTTER	PRODUCTION ROOM	MANUFACTURER: RICOH MODEL: MP W2400/MPW3600 FINISH: DIMENSIONS: 42.5" W X 25" D X 22" H								
E2.06	LATERAL FILE CABINET	PRODUCTION ROOM	MANUFACTURER: FIRE KING MODEL: A-312-C FINISH: STANDARD DIMENSIONS: 31 3/16" W X 22 1/8" D X 52 3/4" H								

- D1 REMOVE EXISTING DRYWALL IN THIS LOCATION IN ORDER TO INSTALL NEW POWER AND DATA CONNECTIONS.
- P12 ALIGN FACE OF PARTITION WITH CORNER OF WINDOW JAMB
- P15 HEIGHT OF PARTITION TO MATCH HEIGHT OF CENTER FURNITURE PANEL
- P17 DISCONTINUOUS PARTITION - BASIS OF DESIGN DRIVE
- P19 GLASS WALL WITH RECESSED GLAZING CHANNEL HEADER AND SURFACE MOUNTED SILL GLAZING CHANNEL

PROFESSIONAL CERTIFICATION: I  
CERTIFY THAT THESE DOCUMENTS  
WERE PREPARED OR APPROVED BY ME,  
AND THAT I AM A DULY LICENSED  
ARCHITECT UNDER THE LAWS OF THE  
STATE OF MARYLAND, NUMBER  
1039, EXPIRATION DATE 08.02.2016.

PROJECT

**FOULGER-PRATT**

**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN

ISSUE CHART

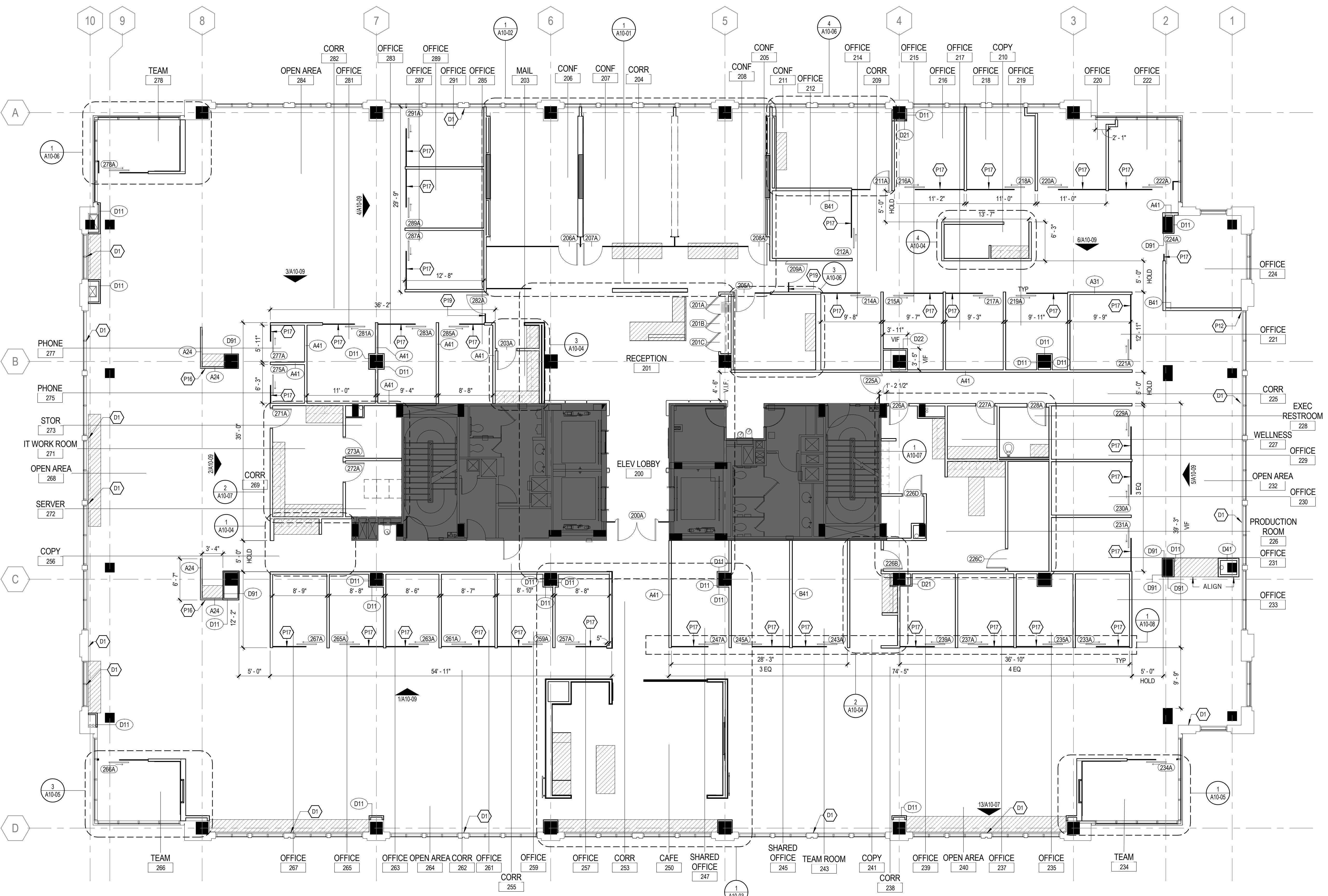
#### GENERAL NOTES //

1. REFER TO A00-01 & A00-02 FOR GENERAL NOTES.
2. WHEN SCHEDULED PARTITION IS TO RECEIVE DOUBLE LAYER OF GWB ON ONE SIDE ONLY, DOUBLE LAYER ON ONE SIDE ONLY TO BE LOCATED ON SYMBOL SIDE.
3. TYPICAL COLUMN WRAPPED WITH PARTITION TYPE D11 U.N.O. PROVIDE COLUMN FURR-OUT AS TIGHT AS POSSIBLE AROUND COLUMN. U.N.O. FREE STANDING COLUMNS ARE NOT TO BE WRAPPED.
4. PROVIDE MINOR SELECTIVE DEMOLITION ON BASE BUILDING PARTITION AS REQUIRED TO CARRY OUT AND COMPLETE THE WORK PER CUTTING AND PATCHING REQUIREMENT. MAINTAIN BASE BUILDING PARTITION'S TC RATING AND FIRE-RATING REQUIREMENT.
5. REFER TO A04/A04-40 FOR PARTITION TO MILLION DETAIL.
6. PROVIDE FIRE PROOFING BELOW DECK WHERE FLOOR BOX OR FLOOR PENETRATION OCCURS TO MAINTAIN FIRE RATING REQUIREMENT.
7. ALL PARTITIONS BETWEEN OFFICE TO BE A41, ALL OTHER PARTITIONS U.N.O. TO BE A31.
8. ALL GLASS PARTITIONS TO BE 3/8" TEMPERED GLAZING WITH EXPOSED SILL CHANNEL AND CONCEALED JAMB AND HEAD CHANNELS.
9. ALL OFFICES TO RECEIVE IN-WALL BLOCKING FOR WALL MOUNTED FURNITURE IN WALL OPPOSITE DOOR, COORDINATE EXTENT OF BLOCKING TO RUN FULL LENGTH OF OVERHEADS. COORDINATE HEIGHT WITH FURNITURE MANUFACTURER.
10. ELEVATION TAGS LOCATED ON A10 SERIES SHEETS IF NOT ILLUSTRATED ON THIS PLAN.
11. CENTER PARTITION ON MILLION WHERE GRAPHICALLY INDICATED.
12. ALL PARTITIONS TO BE AS TIGHT TO COLUMNS, PIPES, AND CONDUIT AS POSSIBLE.
13. SEE A10 SERIES DRAWINGS FOR PARTITION TAGS, FIXTURE TAGS AND PLAN & DATA TAGS.

PARTITION PLAN

SHEET NUMBER

**A04-02**



#### 1 LEVEL 02 - PARTITION PLAN

1/8" = 1'-0"

PROFESSIONAL CERTIFICATION I  
CERTIFY THAT THESE DOCUMENTS  
WERE PREPARED OR APPROVED BY ME,  
AND THAT I AM A DULY LICENSED  
ARCHITECT UNDER THE LAWS OF THE  
STATE OF MARYLAND NUMBER  
1039, EXPIRATION DATE 08.02.2016.

PROJECT

**FOULGER-PRATT**

**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN

ISSUE CHART

**REFLECTED CEILING PLAN LEGEND //**

	NIC
	DRYWALL CEILING / SOFFIT
	2X2 SUSPENDED ACOUSTICAL CEILING SYSTEM, ACS-1
	2X6 SUSPENDED ACOUSTICAL CEILING SYSTEM, ACS-2
	2X6 SUSPENDED ACOUSTICAL CEILING SYSTEM W/ 6' TECHZONE, ACS-3
	FELT CEILING FINISH
	SUPPLY DIFFUSER
	RETURN DIFFUSER
	LINEAR DIFFUSER, PAINT BLACK INSIDE OF SUPPLY DIFFUSER.
	SLOT DIFFUSER, ALIGN WITH CEILING GRIDS WHEN ADJACENT AS SHOWN.
	CEILING MOUNTED OCCUPANCY SENSOR
	CEILING MOUNTED SPEAKER
	CEILING MOUNTED CAMERA
	CEILING MOUNTED WIRELESS ACCESS POINT
	CEILING MOUNTED PARTITION SENSOR
	EXIT SIGN. REFER TO ELEC DRAWINGS FOR DIRECTION.
	PHOTOELECTRIC SMOKE DETECTOR. SEE ELECTRICAL FIRE ALARM PLANS FOR ADDITIONAL INFORMATION.
	FIRE ALARM MANUAL PULL STATION. SEE ELECTRICAL FIRE ALARM PLANS FOR ADDITIONAL INFORMATION.
	WALL MOUNTED ADA FIRE ALARM STROBE. SEE ELECTRICAL FIRE ALARM PLANS FOR ADDITIONAL INFORMATION.
	CEILING MOUNTED COMBINATION FIRE ALARM SPEAKER / HORN WITH STROBE. SEE ELECTRICAL FIRE ALARM PLANS FOR ADDITIONAL INFORMATION.
	WALL MOUNTED COMBINATION FIRE ALARM SPEAKER / HORN WITH STROBE. SEE ELECTRICAL FIRE ALARM PLANS FOR ADDITIONAL INFORMATION.
	FIREMAN'S TELEPHONE HANDSET. SEE ELECTRICAL FIRE ALARM PLANS FOR ADDITIONAL INFORMATION.
	CEILING MOUNTED SPRINKLER
	CEILING MATERIAL
	CEILING HEIGHT 1'-0" AFF

**KEY NOTES //**

C1	AWP-1 PANEL ADHERED TO 3/4" FRP PLIWOOD AND SUSPENDED FROM CONCRETE DECK WITH AIRCRAFT CABLE. PROVIDE APERTURE FOR LIGHTING CABLES, CENTERED OVER FURNITURE PANEL SEPARATING WORKSTATION ROWS. SEE 10A10-26.
C3	NO CEILING IN THIS LOCATION. PAINT EXPOSED SLAB, HANGERS, AND DUCTWORK P-3.
C9	WD-1 SOFFIT
L3	ALTERNATING, ANGLED FT-11 FIXTURE @ 65 DEGREES. COORDINATE LOCATION OVER AISLES IN OPEN WORK AREAS. FINISHED ELEVATION 9'-0" AFF.

**GENERAL NOTES //**

- REFER TO A00-02 FOR GENERAL NOTES.
- TYPICAL CEILING HEIGHT 9'-0" U.N.O.
- PAINT GWB CEILINGS P-2 U.N.O.
- PAINT EXPOSED CEILINGS & PIPES P-3, U.N.O.
- CENTER CEILING SYSTEM IN EACH ROOM U.N.O.
- CENTER ALL CEILING MOUNTED DEVICES IN TILE AS GRAPHICALLY INDICATED U.N.O.
- OFFICES AND SUPPORT SPACES TO BE ACS-1 U.N.O.
- CORRIDORS TO BE ACS-2 U.N.O.
- CONFERENCE ROOMS TO BE ACS-3 U.N.O.
- REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
- PAINT EXPOSED DUCTWORK P-5.
- COORDINATE THE FT-10A AND FT-11 LIGHT FIXTURE LOCATIONS WITH FINAL FURNITURE LAYOUT.
- COORDINATE LOCATION OF EXPOSED DUCTWORK WITH MECHANICAL PLANS.
- SEE A10 SERIES DRAWINGS FOR PARTITION TAGS, FIXTURE TAGS AND PLAN & DATA TAGS.
- ACCESS PANELS TO BE STEALTH PANELS AT GWB.

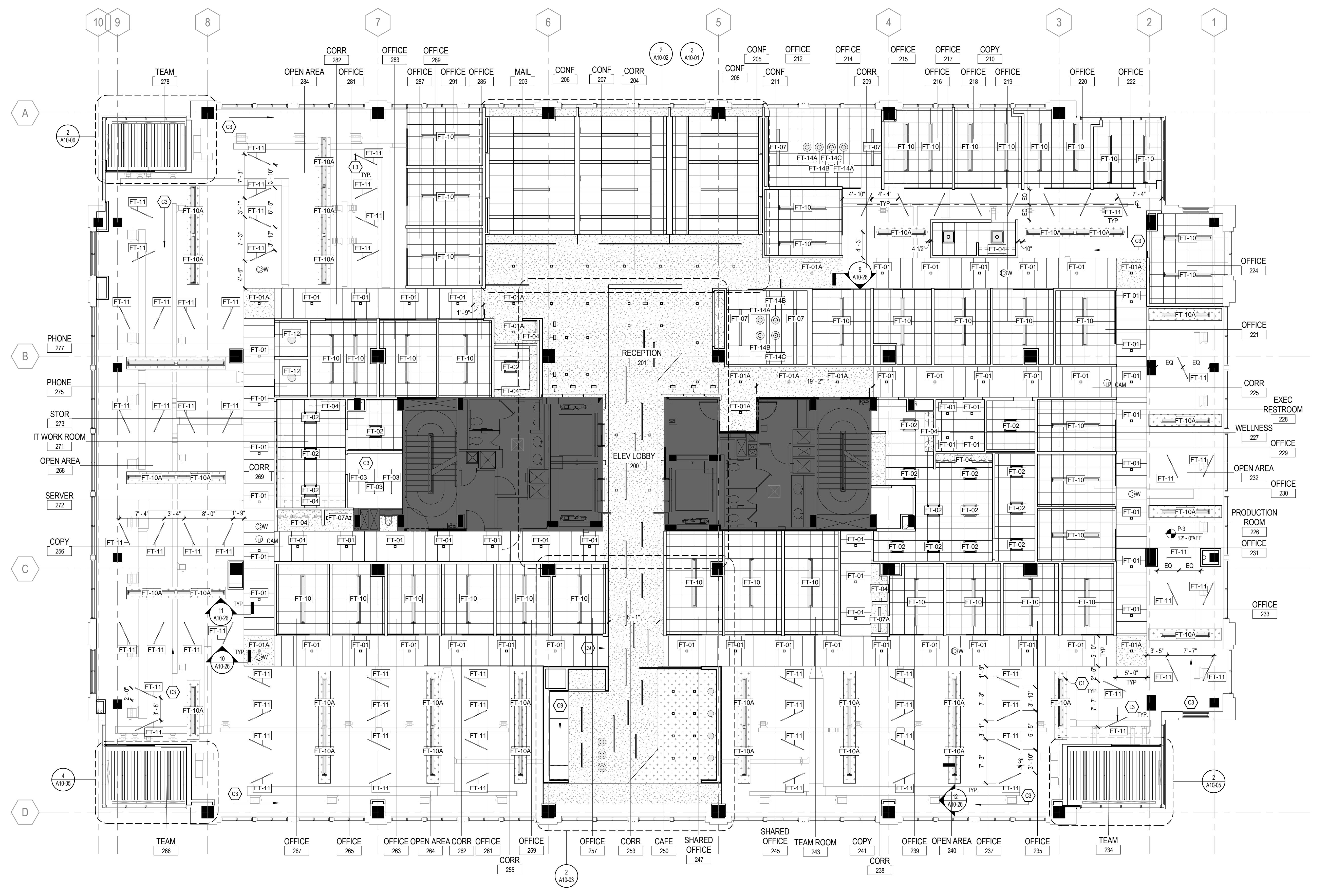
ISSUED FOR PERMIT/BID	05/28/15
90% CONSTRUCTION DOCUMENTS	05/19/15
75% CONSTRUCTION DOCUMENTS	05/01/15
DESIGN DEVELOPMENT	03/06/15
ISSUE DATE	
Job Number	860424.000
Drawn	JR/HR
Checked	JP
Approved	RL
MARK	

**REFLECTED CEILING  
PLAN**

SHEET NUMBER

**A05-02**

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**1 LEVEL 02 - REFLECTED CEILING PLAN**

1/8" = 1'-0"

**POWER & COMM PLAN LEGEND //**

	NIC
	WALL MOUNTED DUPLEX OUTLET + 18" AFF U.N.O.
	WALL MOUNTED QUADRUPLE OUTLET +18" AFF U.N.O.
	WALL MOUNTED TELE / DATA OUTLET +18" AFF U.N.O.
	WALL MOUNTED TELEVISION OUTLET +18" AFF U.N.O.
	CABLE TV SYSTEM FEED OUTLET +18" AFF U.N.O. REFER TO AV DRAWINGS FOR DETAILS
	POWER JUNCTION BOX
	POWER JUNCTION BOX ABOVE CEILING
	WALL MOUNTED DATA JUNCTION BOX
	THERMOSTAT
	LIGHTING SWITCH / WALL MOUNTED OCCUPANCY SENSOR
	LIGHTING SWITCH W/ DIMMER
	LIGHTING SWITCH W/ OVERRIDE
	LIGHTING SWITCH W/ OVERRIDE AND ZONE NUMBER
	WIRELESS ACCESS DEVICE ABOVE CEILING
	CARD READER
	WALL MOUNTED DUAL TECH OCC SENSOR
	INDICATED DEVICES TO BE ALIGNED VERTICALLY. REFER TO G-002 FOR MOUNTING HEIGHTS.
	FLOOR MOUNTED DUPLEX OUTLET
	FLOOR MOUNTED QUADRUPLE OUTLET
	FLOOR MOUNTED TELE / DATA OUTLET
	FLOOR MOUNTED QUADRUPLE OUTLET TO BE DEMOLISHED
	FLOOR MOUNTED TELE / DATA OUTLET TO BE DEMOLISHED
	WALL MOUNTED CAMERA SIGNAL / CONTROL JUNCTION BOX. REFER TO AV DRAWINGS FOR DETAILS
	DOUBLE GANG JUNCTION BOX FOR AV
	SINGLE GANG RING AND STRING OUTLET FOR VTC
	SINGLE GANG RING AND STRING OUTLET FOR AV
	SINGLE GANG RING AND STRING OUTLET FOR TELECOM, +18" AFF U.N.O.
	TENANT-INSTALLED AV CONTROL PANEL, +56" AFF U.N.O.
	AV PULL BOX ABOVE CEILING
	DOOR OPERATOR
	CONTROL PANEL
	MAIN DIM PANEL
	EQUIPMENT TAG
	PUSH TO EXIT BUTTON
	NUMBER OF STACKED FIXTURES, REFER TO ELEVATION FOR MOUNTING HEIGHTS
	SCHEDULED ELECTRICAL FIXTURE
	NUMBER OF DATA DROPS
	SCHEDULED ELECTRICAL FIXTURE

**KEY NOTES //**

PC3 PROVIDE POKE-THRU DEVICE FOR POWER/DATA AT WORKSTATION INFIELD LOCATIONS.  
WIREMOLD GATCF OR SIMILAR BASED ON FINAL FURNITURE AND ELECTRICAL ENGINEER  
SPECIFICATION. COORDINATE LOCATION WITH FURNITURE DEALER.

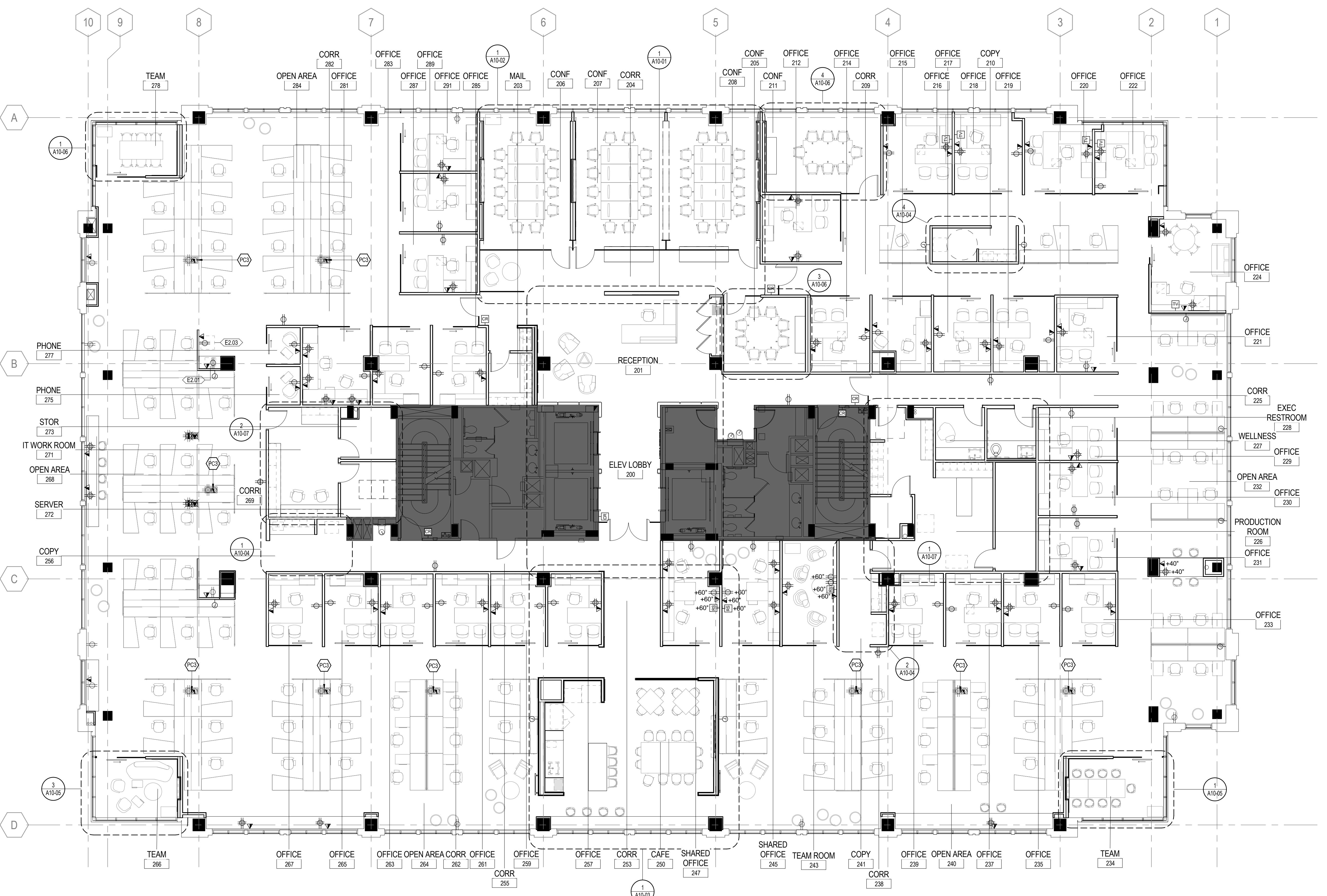
**GENERAL NOTES //**

1. REFER TO A00-02 & A00-03 FOR GENERAL NOTES.
2. REFER TO SHEET A00-70 FOR EQUIPMENT SCHEDULE.
3. LOCATE OUTLETS HORIZONTALLY ABOVE COUNTERS AND PER ELEVATIONS.
4. ALL DATA OUTLETS TO CONTAIN A DUAL DATA DROP U.N.O.
5. SEE A10 SERIES DRAWINGS FOR PARTITION TAGS, FIXTURE TAGS AND PLAN & DATA TAGS.

ISSUED FOR PERMIT/BID	05/28/15
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75% CONSTRUCTION DOCUMENTS	05/01/15
DESIGN DEVELOPMENT	03/06/15
MARK	ISSUE DATE
Job Number	860424.000
Drawn	JR/HR
Checked	JP
Approved	RL

**1 LEVEL 02 - POWER & COMMUNICATION PLAN**

1/8" = 1'-0"



PROFESSIONAL CERTIFICATION: I  
CERTIFY THAT THESE DOCUMENTS  
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AND THAT I AM A DULY LICENSED  
ARCHITECT UNDER THE LAWS OF THE  
STATE OF MARYLAND, AND MY  
EXPIRATION DATE IS 08.02.2016.

PROJECT

**FOULGER-PRATT**

**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

### FINISH PLAN LEGEND //

	NIC
	FLOOR FINISH MATERIAL TYPE
	FLOOR FINISH MATERIAL NUMBER
	WALL FINISH DEDICATION
	EXTENT OF FINISH DEDICATION
	BASE FINISH DEDICATION
	FLOOR FINISH MATERIAL PATTERN DIRECTION
	ALIGN
	CPT-1 (CONFERENCE, DARK GREY), REFER TO FINISH SCHEDULE
	CPT-2 (OFFICES, FULL PEBBLE), REFER TO FINISH SCHEDULE
	CPT-3 (CORRIDOR, PARTIAL PEBBLE), REFER TO FINISH SCHEDULE
	CPT-4 (OPEN AREA, LIGHT GREY), REFER TO FINISH SCHEDULE
	CPT-5 (RECEPTION AREA RUG), REFER TO FINISH SCHEDULE
	CPT-6 (TEAM AREA, BRIGHT BLUE), REFER TO FINISH SCHEDULE
	R-1 (SUPPORT, GREY), REFER TO FINISH SCHEDULE
	T-1 (EXECUTIVE RESTROOM, DARK GREY), REFER TO FINISH SCHEDULE
	C-1 (SEALED CONCRETE), REFER TO FINISH SCHEDULE
	C-2 (SEALED CONCRETE, STAINED), REFER TO FINISH SCHEDULE
	WF-1 (WOOD FLOOR), REFER TO FINISH SCHEDULE

### KEY NOTES //

- F22 CARPET TO CONCRETE TRANSITION WITH ALUMINUM ANGLE. REFER TO DETAIL 3/A00-71.
- F34 PROVIDE AWP-1 WITH RB-1 ON ALL WALLS IN THIS ROOM AND PROVIDE CPT-3 ON THE FLOORS.
- F60 ASHLAR INSTALLATION, FULL TILES AT THE TRANSITION. NO CUT TILES IN ORDER TO ACHIEVE BLENDED TRANSITION BETWEEN PATTERNS.

### GENERAL NOTES //

1. REFER TO A00-02 FOR GENERAL NOTES.
2. REFER TO A00-70 FOR FINISH SCHEDULE.
3. TYPICAL WALL PAINT FINISH: P-1 U.N.O.
4. ALL BASE TO BE RB-1 U.N.O.
5. EXPOSED SURFACES OF ALL EXISTING CORE DOOR AND FRAME TO BE PAINTED P-4 U.N.O.
6. TYPICAL PERIMETER HORIZONTAL WINDOW TREATMENT: MANUAL ROLLER SHADES BY BASE BUILDING U.N.C.
7. REFER TO SHEET A00-72 FOR FLOOR TRANSITION DETAILS.
8. REFER TO ELEVATIONS, RCP, AND DETAILS FOR ADDITIONAL CLARIFICATION OF FINISHES.
9. PAINT CLOSET SHELVES TO MATCH ADJACENT WALL COLOR, U.N.O.
10. FLASH PATCH AS REQUIRED AT FLOOR TRANSITIONS. FLOOR LEVEL TRANSITIONS TO BE IMPERCEPTIBLE.
11. PAINT ALL EXISTING PERIMETER MULLIONS/ SILLS/ HEADERS TO MATCH P-1.
12. ALL OFFICES TO BE CPT-2, U.N.O.
13. SEE A10 SERIES DRAWINGS FOR PARTITION TAGS, FIXTURE TAGS AND PLAN & DATA TAGS.
14. COMPLIANCE WITH IBC 803 AND NFPA 101 SECTION 33.3.2 AND 38.3.2 INTERIOR FINISH: IN ALL USE AREAS THE INTERIOR WALLS AND CEILING FINISHES SHALL BE A, B, OR C IN ACCORDANCE WITH TABLE 803.9 AND SHALL ALSO COMPLY WITH NFPA SECTION 10.2. INTERIOR FLOOR FINISH SHALL BE IN ACCORDANCE WITH IBC 2012 SECTION 804 & NFPA 1033.3.3 & 10.2.7.

ISSUED FOR PERMIT/BID 05/28/15

90% CONSTRUCTION DOCUMENTS 05/19/15

75% CONSTRUCTION DOCUMENTS 05/01/15

DESIGN DEVELOPMENT 03/06/15

ISSUE DATE

MARK

Job Number 860424.000

Drawn JR/HR

Checked JP

Approved RL

TITLE

FINISH PLAN

SHEET NUMBER

**A07-02**

### LEVEL 02 - FINISH PLAN

1/8" = 1'-0"

PROFESSIONAL CERTIFICATION: I  
CERTIFY THAT THESE DOCUMENTS  
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AND THAT I AM A DULY LICENSED  
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1039, EXPIRATION DATE 08.02.2016.

PROJECT

**FOULGER-PRATT**

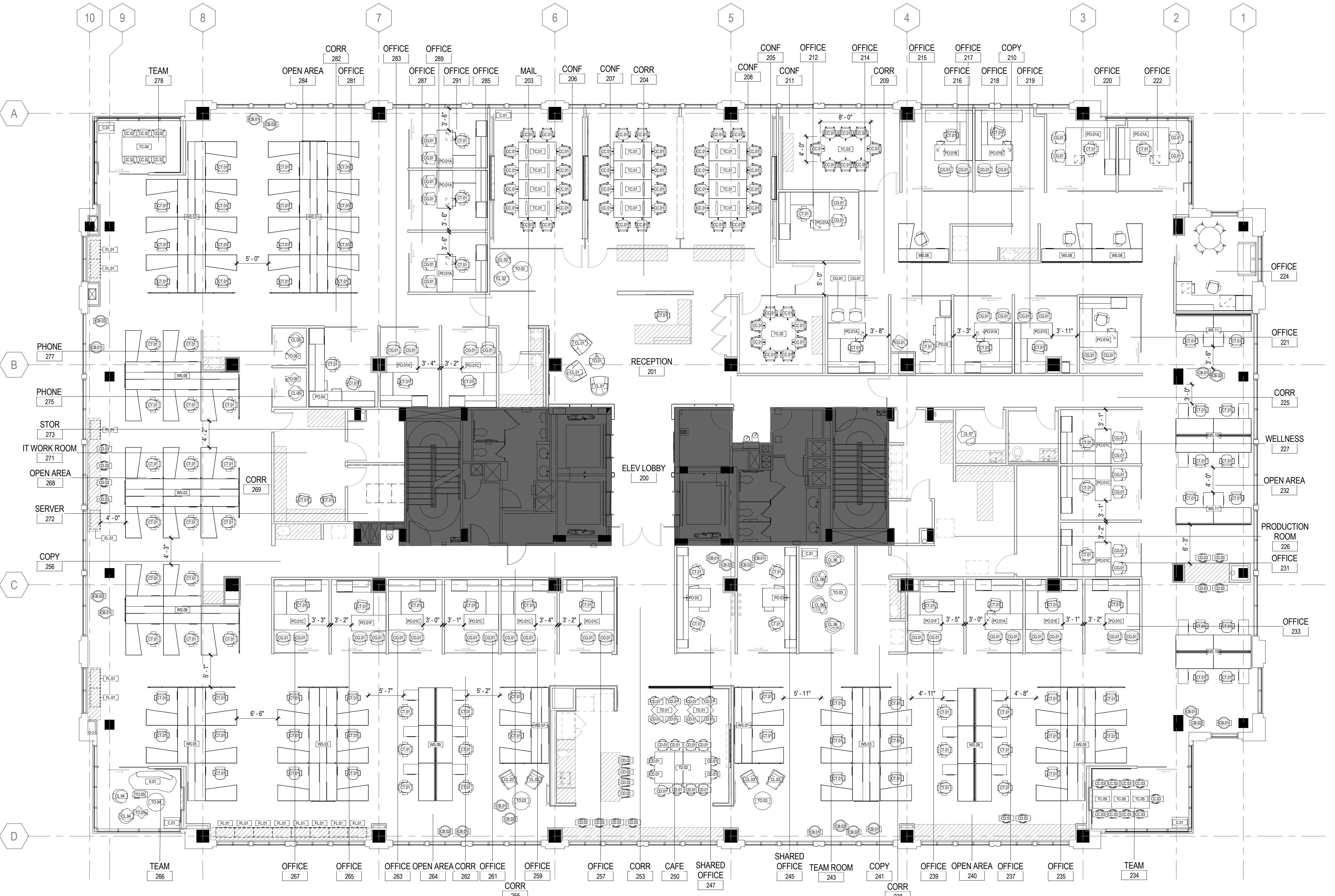
**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

## FURNITURE PLAN LEGEND //

- PARTITION, NOT IN FURNITURE SCOPE
- NIC
- MILLWORK
- FURNITURE IN DEALER SCOPE
- FURNITURE NOT IN DEALER SCOPE (HALFTONE)

CL.01 FURNITURE TAG, DEALER TO REFER TO SEPARATE SPECIFICATION PACKAGE FOR DETAIL

CL.01 FURNITURE TAG, DEALER TO REFER TO SEPARATE SPECIFICATION PACKAGE FOR DETAIL



## 1 LEVEL 02 - FURNITURE PLAN

1/8" = 1'-0"

## KEY NOTES //

## GENERAL NOTES //

1. REFER TO A00-02 FOR GENERAL NOTES.
2. FURNITURE SHOWN FOR REFERENCE AND COORDINATION PURPOSES ONLY.
3. FURNITURE DEALER SHALL MAINTAIN REQUIRED CLEARANCES AT ALL EGRESS PATHS. FIELD VERIFICATION REQUIRED FOR FINAL LAYOUTS PRIOR TO INSTALLATION.
4. SEE A10 SERIES DRAWINGS FOR PARTITION TAGS, FIXTURE TAGS AND PLAN & DATA TAGS.

ISSUED FOR PERMIT/BID	05/21/15
90% CONSTRUCTION DOCUMENTS	05/19/15
75% CONSTRUCTION DOCUMENTS	05/01/15
DESIGN DEVELOPMENT	03/06/15
ISSUE DATE	03/06/15
MARK	
Job Number	880424.000
Drawn	JR, HN
Checked	JP
Approved	RL

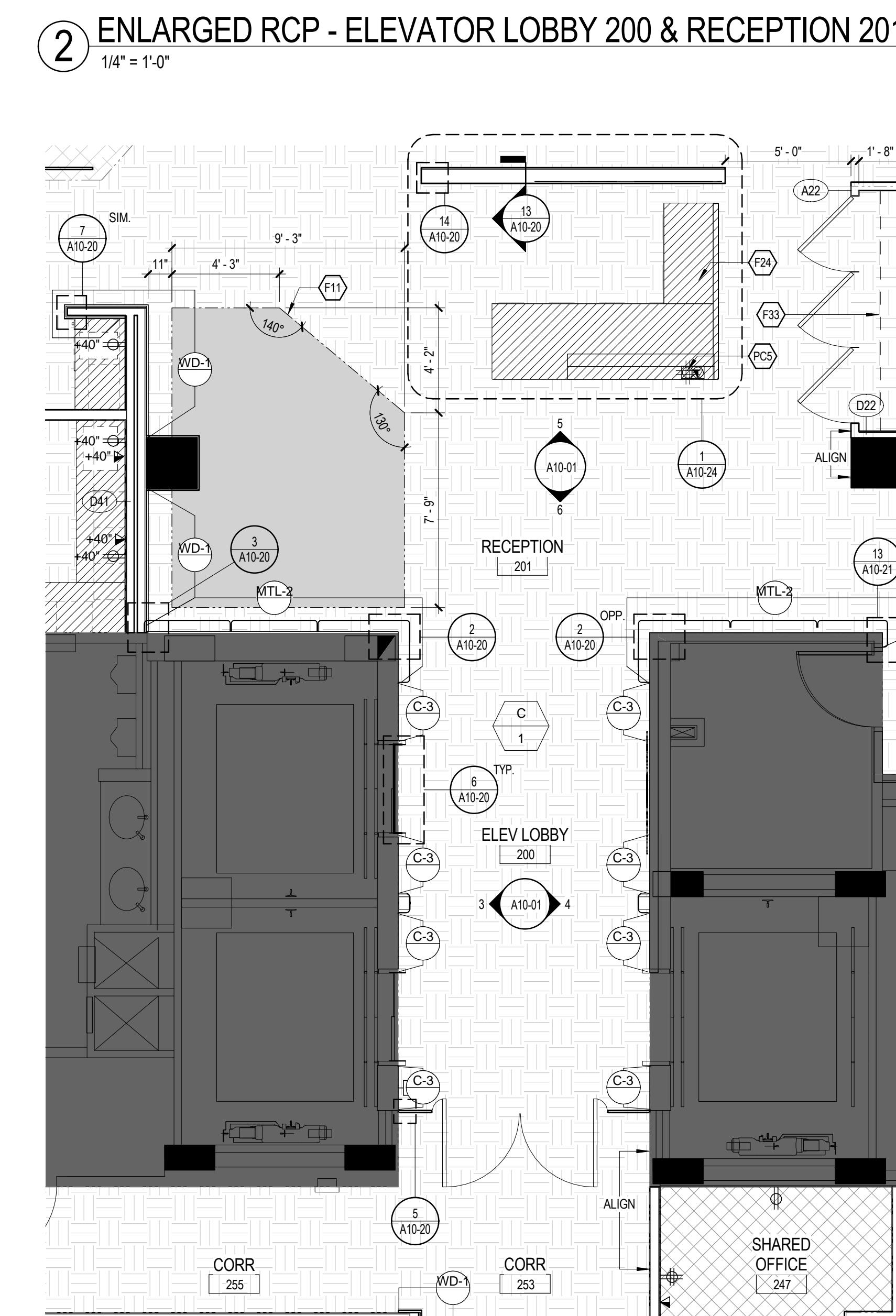
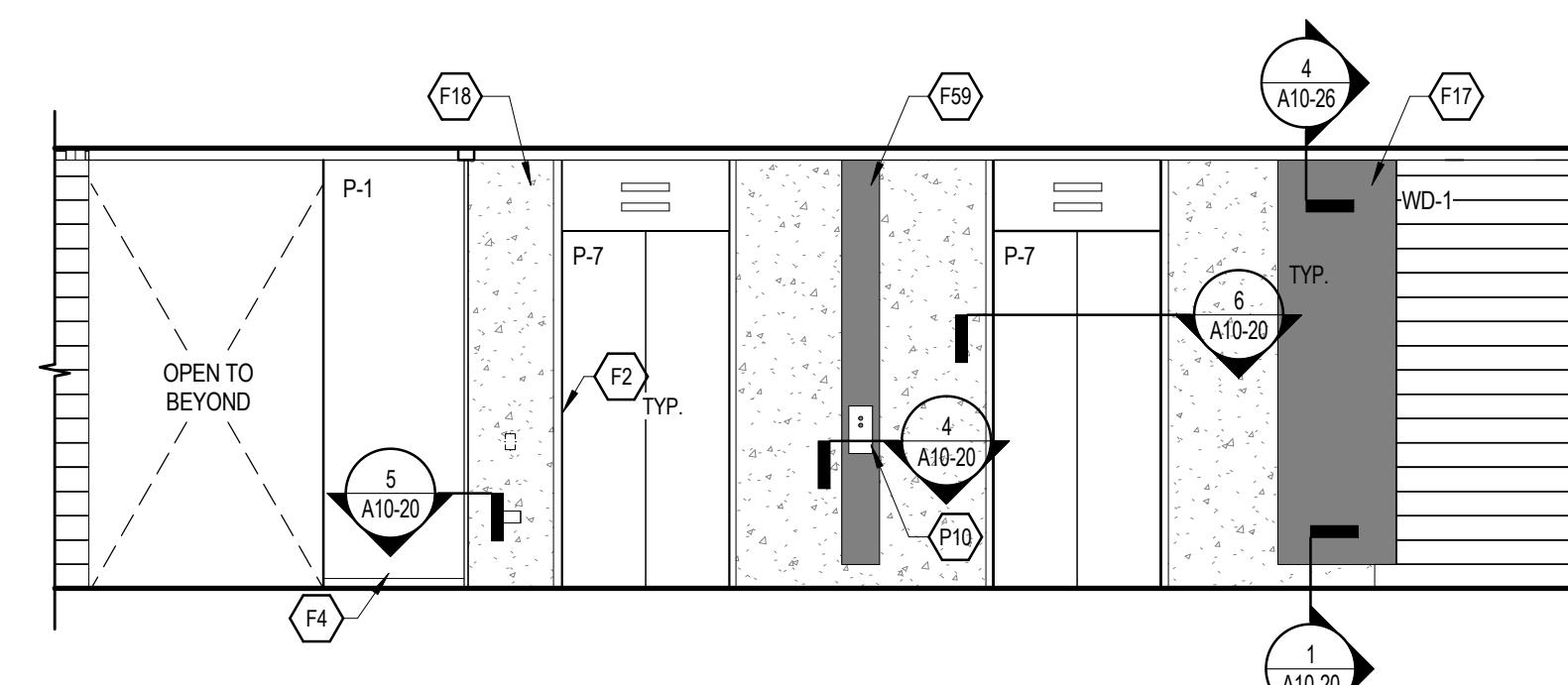
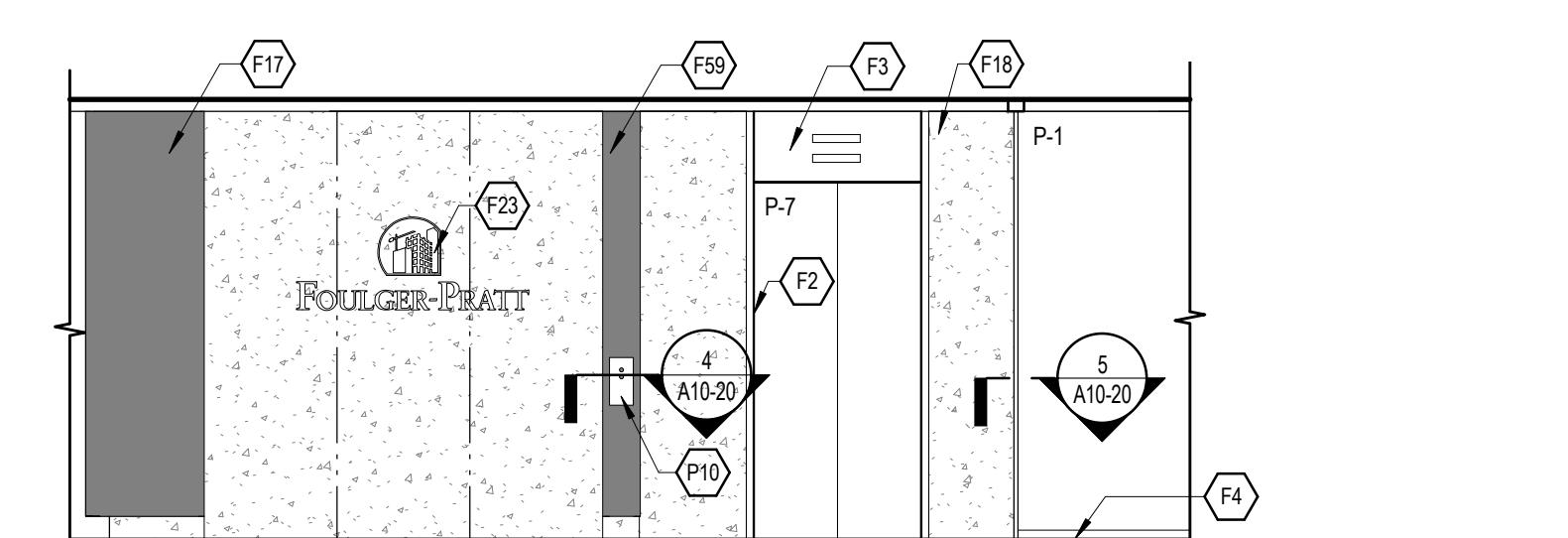
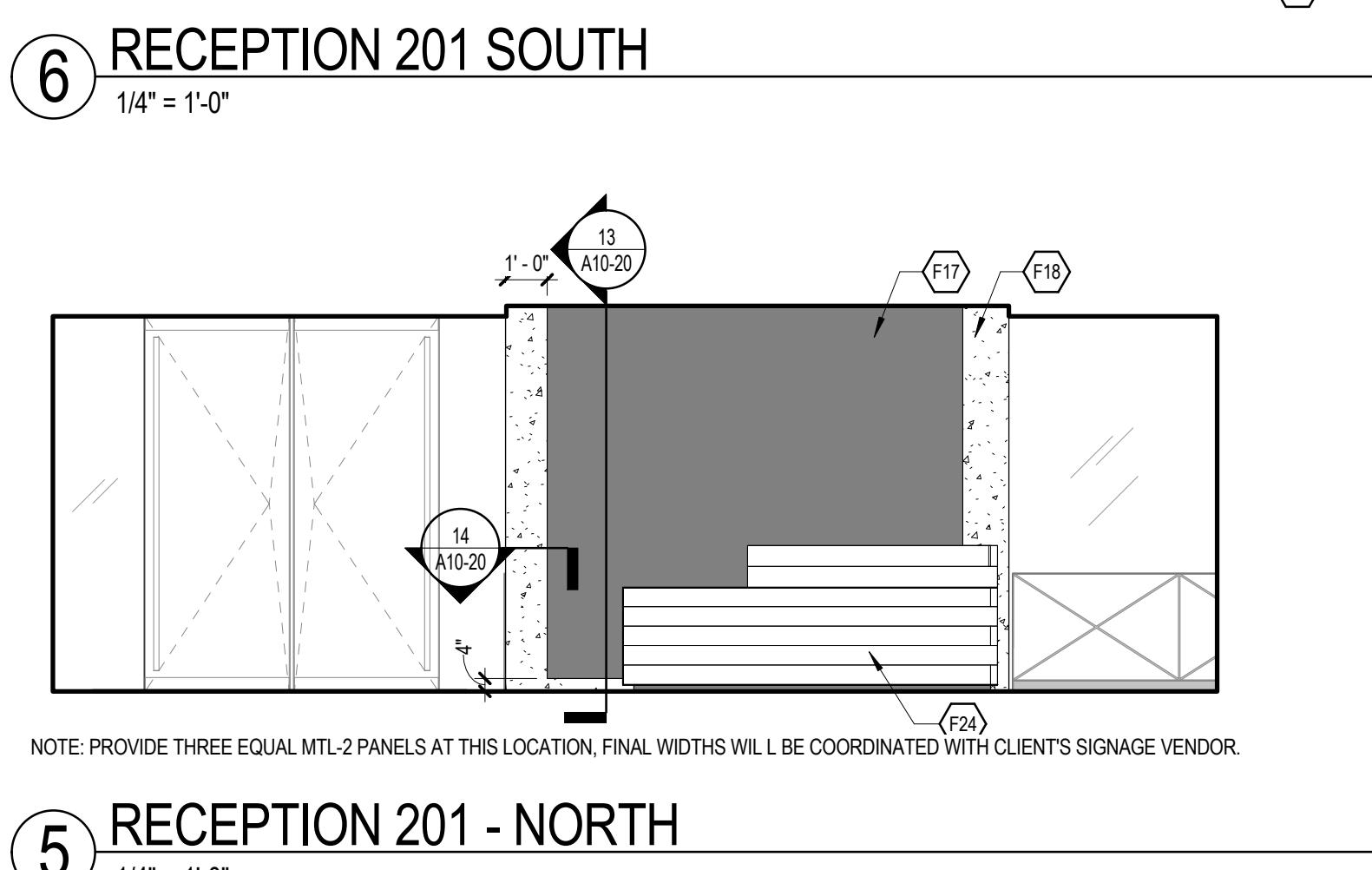
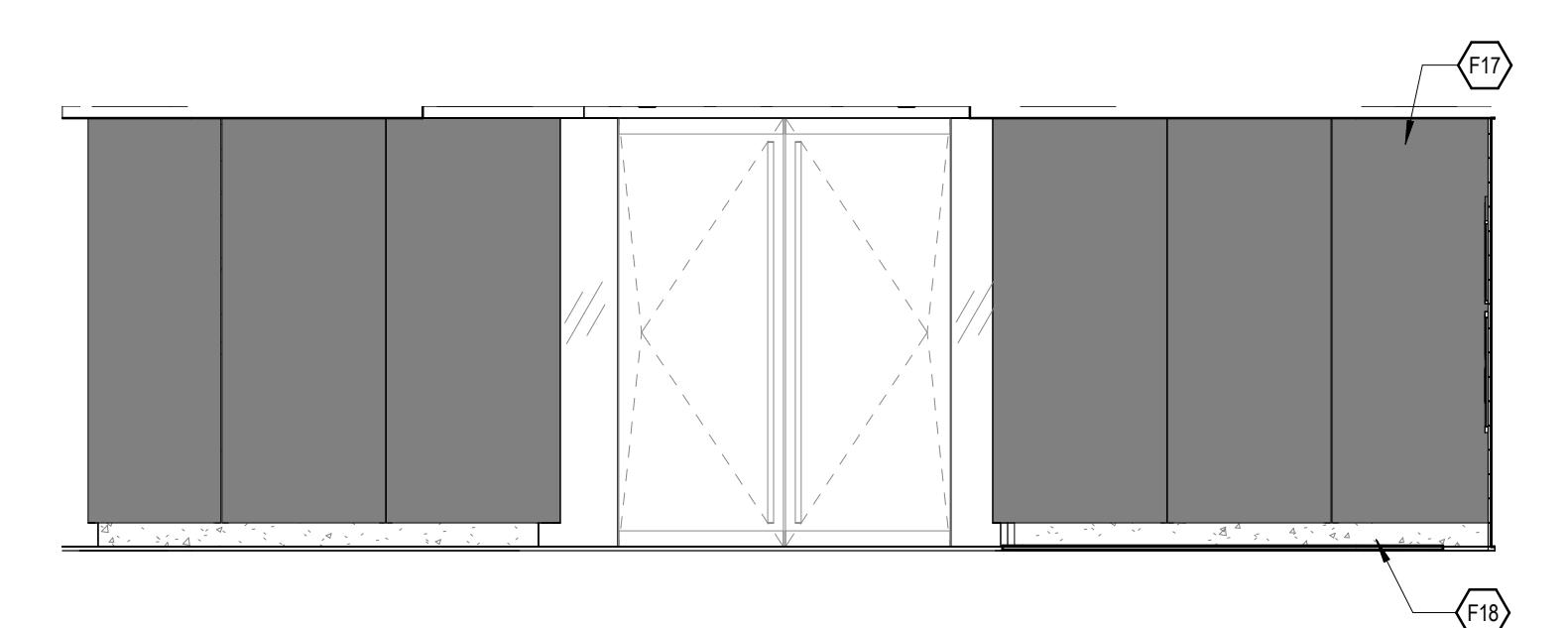
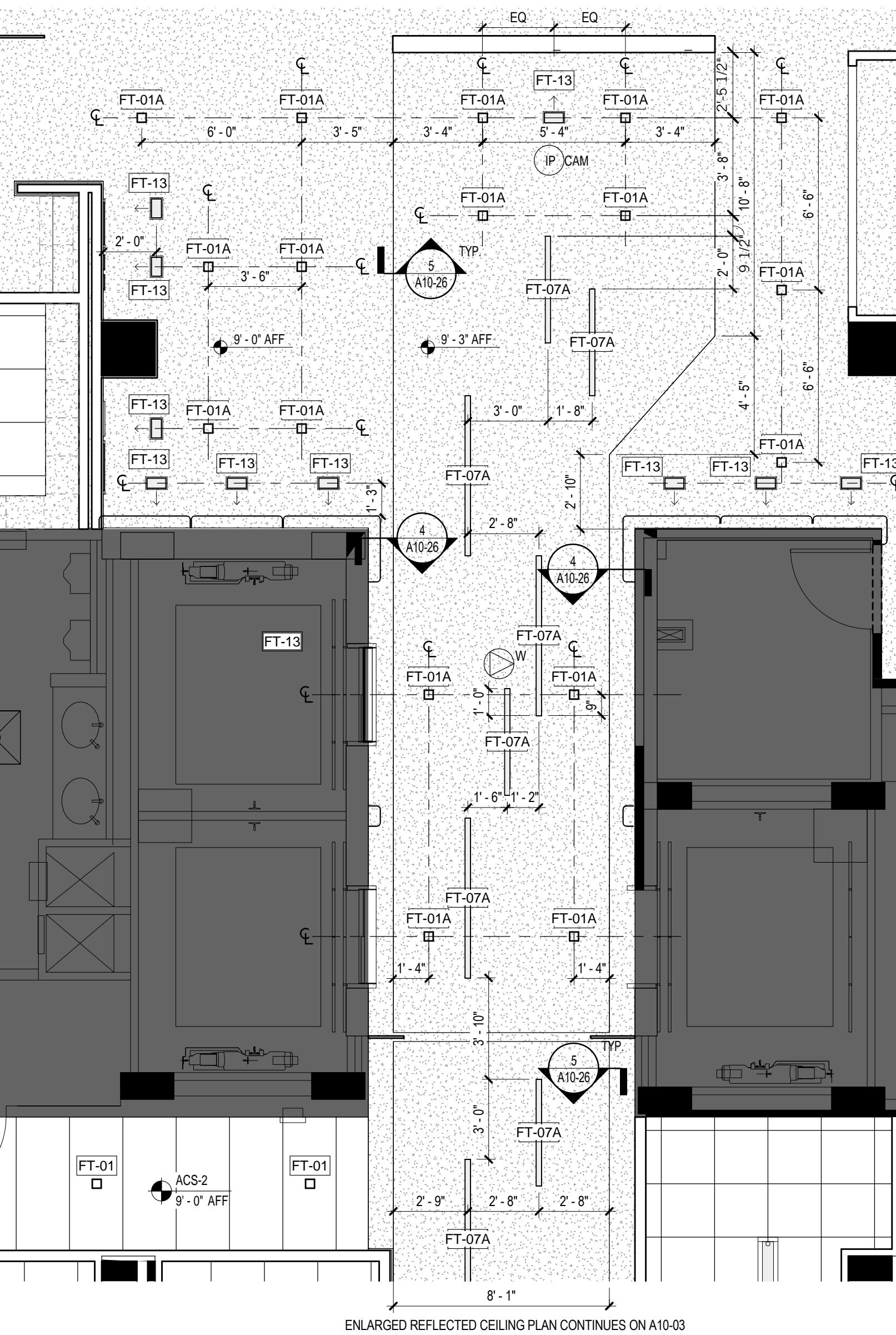
## FURNITURE PLAN

SHEET NUMBER

**A08-02**

**SHEET LEGEND //**

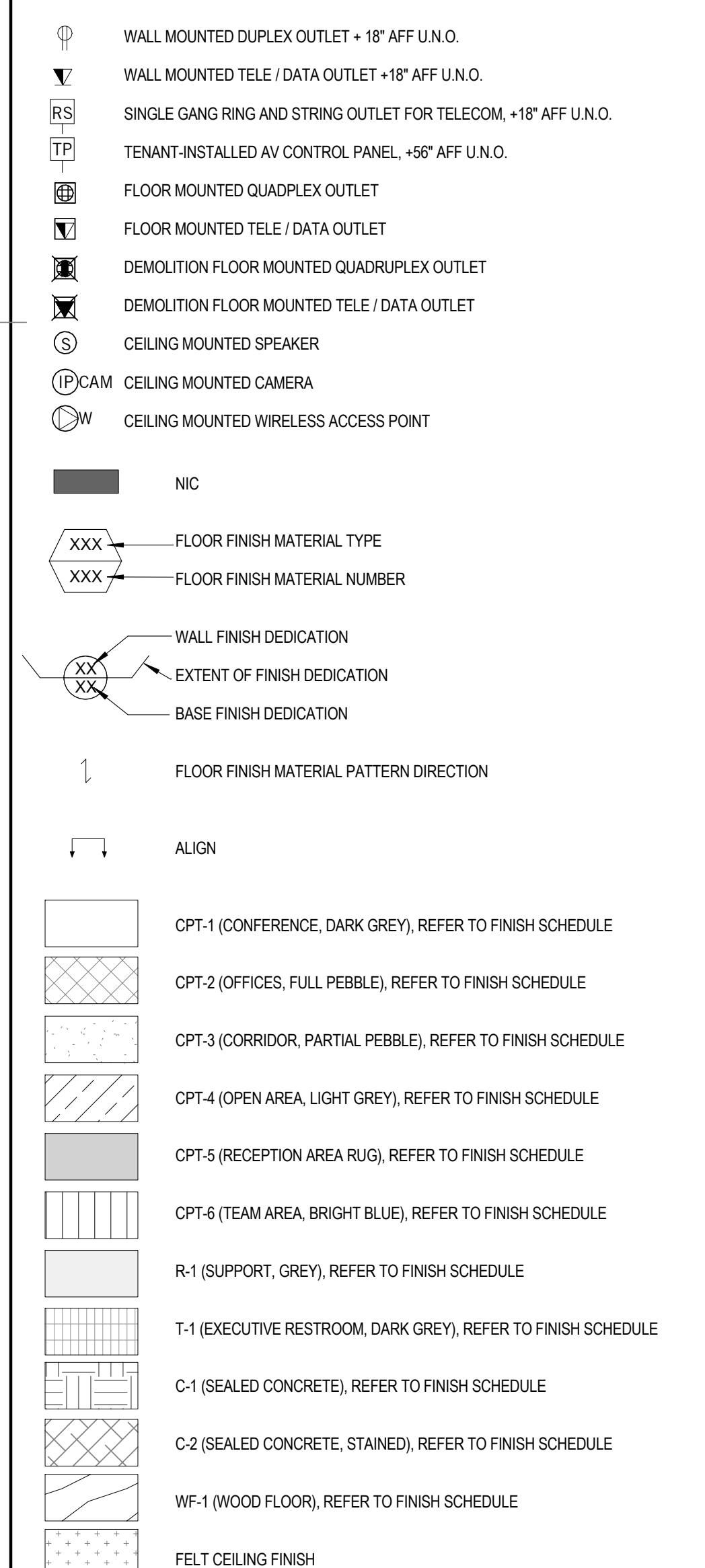
WALL MOUNTED DUPLEX OUTLET + 18" AFF U.N.O.
WALL MOUNTED TELE / DATA OUTLET + 18" AFF U.N.O.
RS
TP
SINGLE GANG RING AND STRING OUTLET FOR TELECOM, +18" AFF U.N.O.
TENANT-INSTALLED AV CONTROL PANEL, +56" AFF U.N.O.
FLOOR MOUNTED QUADRUPLE OUTLET
FLOOR MOUNTED TELE / DATA OUTLET
DEMOLITION FLOOR MOUNTED QUADRUPLE OUTLET
DEMOLITION FLOOR MOUNTED TELE / DATA OUTLET
CEILING MOUNTED SPEAKER
IPCAM
CEILING MOUNTED CAMERA
W
CEILING MOUNTED WIRELESS ACCESS POINT
NIC
XXX
XXX
WALL FINISH DEDICATION
EXTENT OF FINISH DEDICATION
BASE FINISH DEDICATION
FLOOR FINISH MATERIAL PATTERN DIRECTION
ALIGN
CPT-1 (CONFERENCE, DARK GREY), REFER TO FINISH SCHEDULE
CPT-2 (OFFICES, FULL PEBBLE), REFER TO FINISH SCHEDULE
CPT-3 (CORRIDOR, PARTIAL PEBBLE), REFER TO FINISH SCHEDULE
CPT-4 (OPEN AREA, LIGHT GREY), REFER TO FINISH SCHEDULE
CPT-5 (RECEPTION AREA RUG), REFER TO FINISH SCHEDULE
CPT-6 (TEAM AREA, BRIGHT BLUE), REFER TO FINISH SCHEDULE
R-1 (SUPPORT, GREY), REFER TO FINISH SCHEDULE
T-1 (EXECUTIVE RESTROOM, DARK GREY), REFER TO FINISH SCHEDULE
C-1 (SEALED CONCRETE), REFER TO FINISH SCHEDULE
C-2 (SEALED CONCRETE, STAINED), REFER TO FINISH SCHEDULE
WF-1 (WOOD FLOOR), REFER TO FINISH SCHEDULE
FELT CEILING FINISH



**KEY NOTES //**

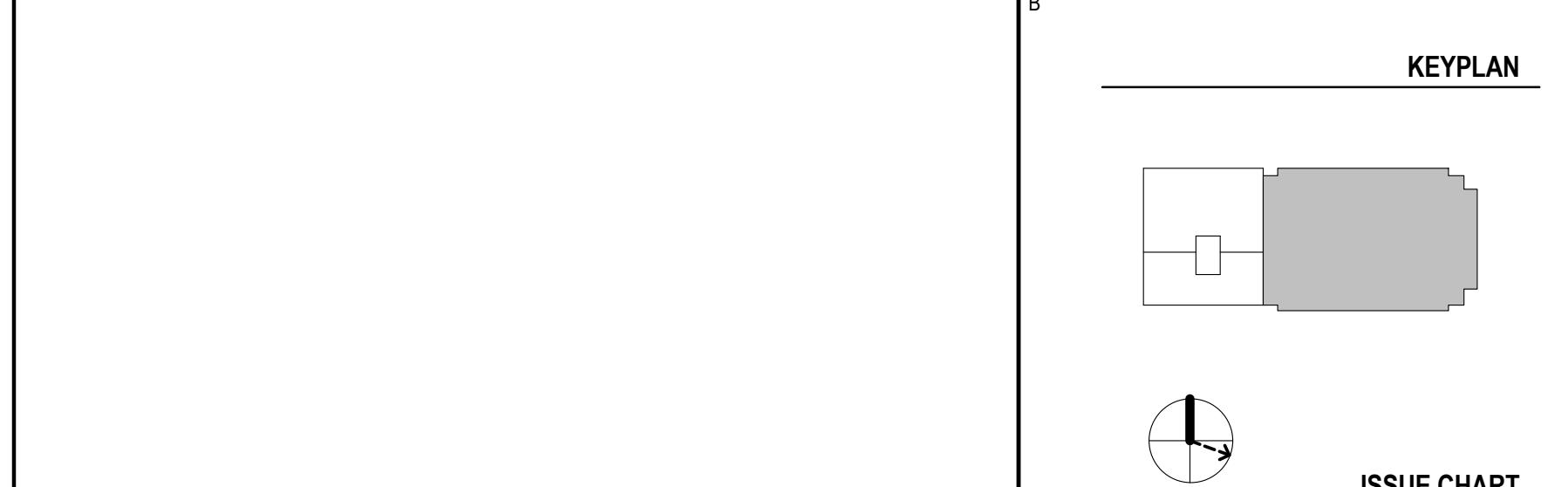
F2	1/4" SS FIN MTL-1 FACE WITH POLISHED MTL-2 EDGES
F3	SS ELEVATOR TRANSOM, MTL-1
F4	RUBBER BASE, RB-1
F11	CPT TILE AREA RUG INSTALLED OVER SCHEDULED FLOOR FINISH
F17	MTL-2 PANELS BACK-MOUNTED TO PAINTED FRT PLYWOOD.
F18	C-3 BOARD-FORMED CONCRETE PANELS
F23	MTL-3 SIGNAGE PINNOMOUNT & C-3 PANELS, COORDINATE WITH CLIENT'S VENDOR.
F24	MILLWORK COORDINATE WITH MD-1 PARTERS & PL-3 CABINETS
F25	PL-2 HAT SHELF & COAT ROD IN THIS LOCATION. REFER TO DETAIL 19/A10-22.
F59	MTL-3 WITH ELEVATOR CALL STATION.
P10	EXISTING ELEVATOR CALL BUTTONS PULLED TO THE FACE OF MTL-3 PANEL COORDINATE LOCATION WITH EXISTING CONDITIONS.
PC5	EXISTING (2) 1" DIA CONDUIT STUB-UP FOR POWER/DATA CONCEALED WITHIN MILLWORK

**SHEET LEGEND //**



**KEY NOTES //**

D82	SCHEDULED DOOR & HARDWARE
E04	SCHEDULED FLAT SCREEN DISPLAY IN 1/4" MTL-3 FRAME, PAINT CAVITY BEHIND SCREEN P-6.
E05	LOCATE SKYFOLD SWITCHES.
F4	RUBBER BASE, RB-1
F26	MILLWORK CREDENZA WITH 1/4" MTL-4 SURROUND & BASE, MTL-4 "X" ACCENT, PL-3 CABINETS, TRASH DRAWER, & APPLIED TRASH DRAWER SIGNAGE. REFER TO SHEET A10-25 FOR DETAILS.
F32	TRASH DRAWER BASE, WB-1
F35	MATERIAL SEAM IN THIS LOCATION
F36	WD-1 BEYOND
F56	GL-1 PANELS WITH AF-1 CUSTOM GRAPHIC.
P9	OP-1 OPERABLE PARTITION & CEILING POCKET
P19	GLASS WALL WITH RECESSED GLAZING CHANNEL HEADER AND SURFACE MOUNTED SILL GLAZING CHANNEL.
PC1	PROVIDE FLOOR BOX FOR POWER/DATA/AUDIO, WIREMOLD EVOLUTION SERIES OR SIMILAR BASED ON ELECTRICAL ENGINEER SPECIFICATION.

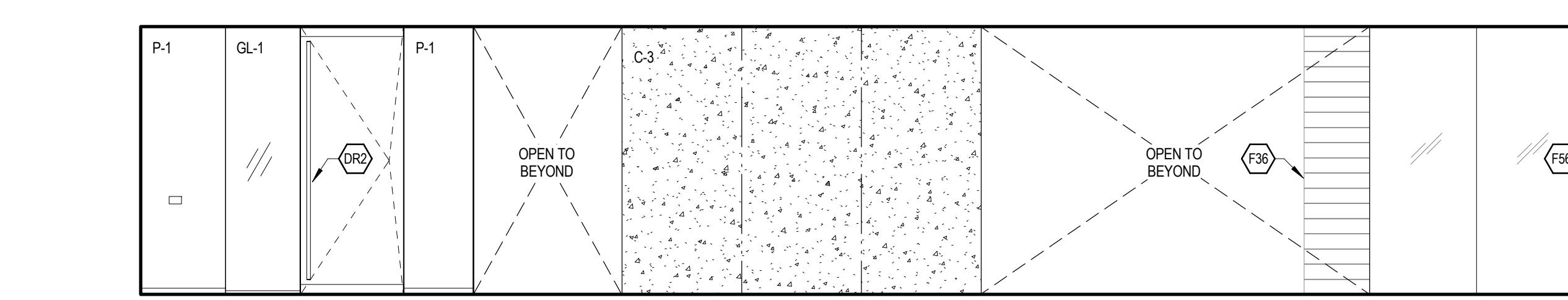


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75% CONSTRUCTION DOCUMENTS	05/01/15
DESIGN DEVELOPMENT	03/06/15
MARK	ISSUE DATE
Job Number	860424.000
Drawn	DSJ/R
Checked	JP
Approved	RL
TITLE	

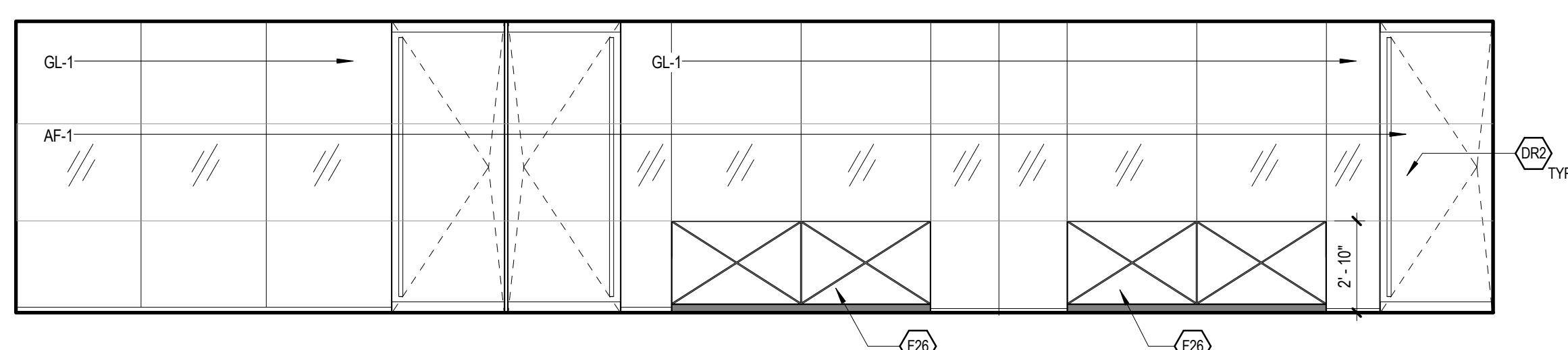
**ENLARGED PLAN &  
ELEVATIONS-  
CONFERENCE ROOMS**

SHEET NUMBER

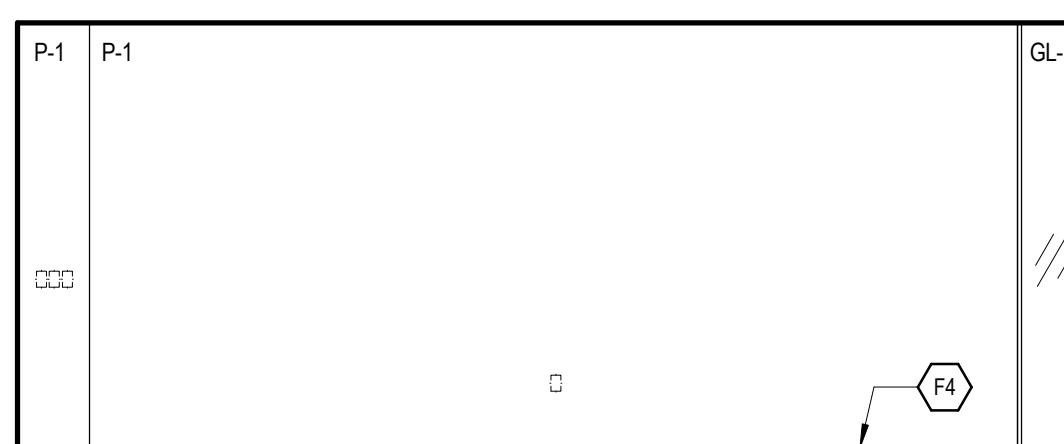
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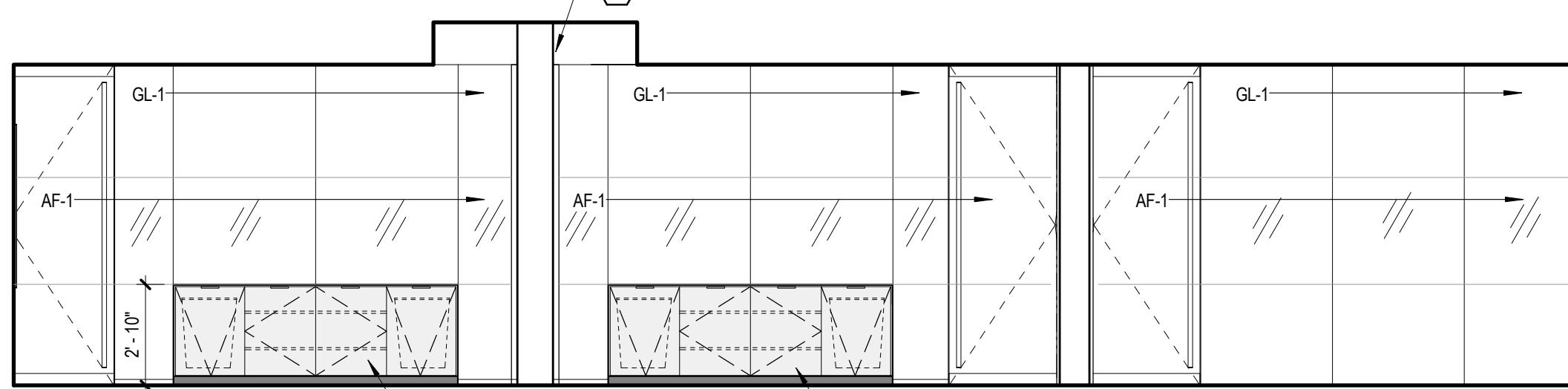
⑨ CORR 204 - SOUTH  
1/4" = 1'-0"



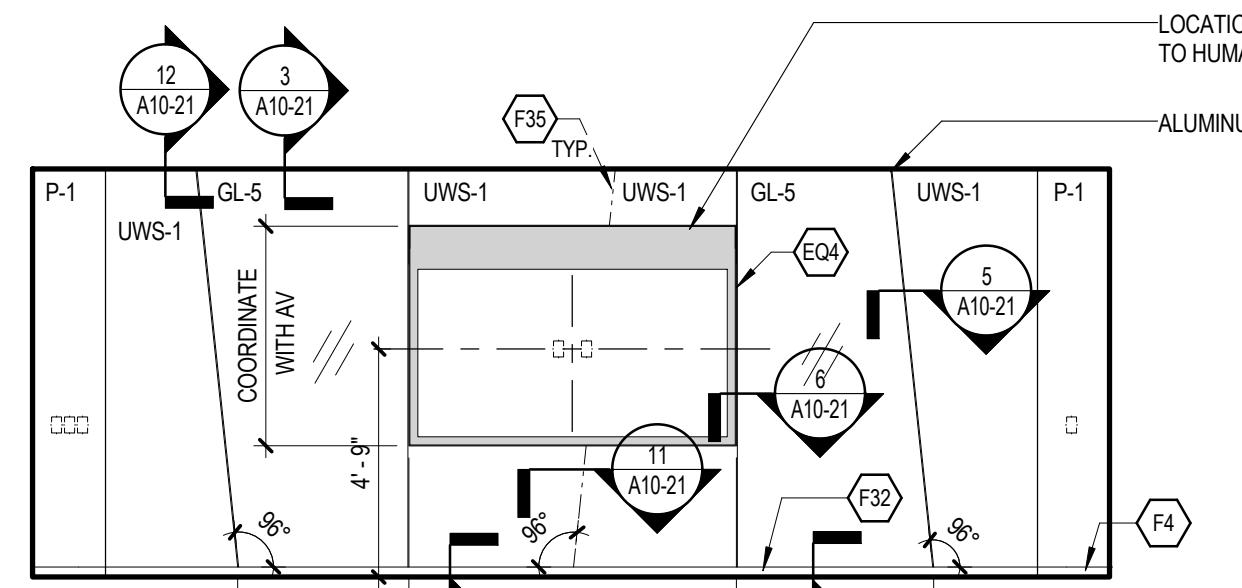
⑧ CORR 204 - NORTH  
1/4" = 1'-0"



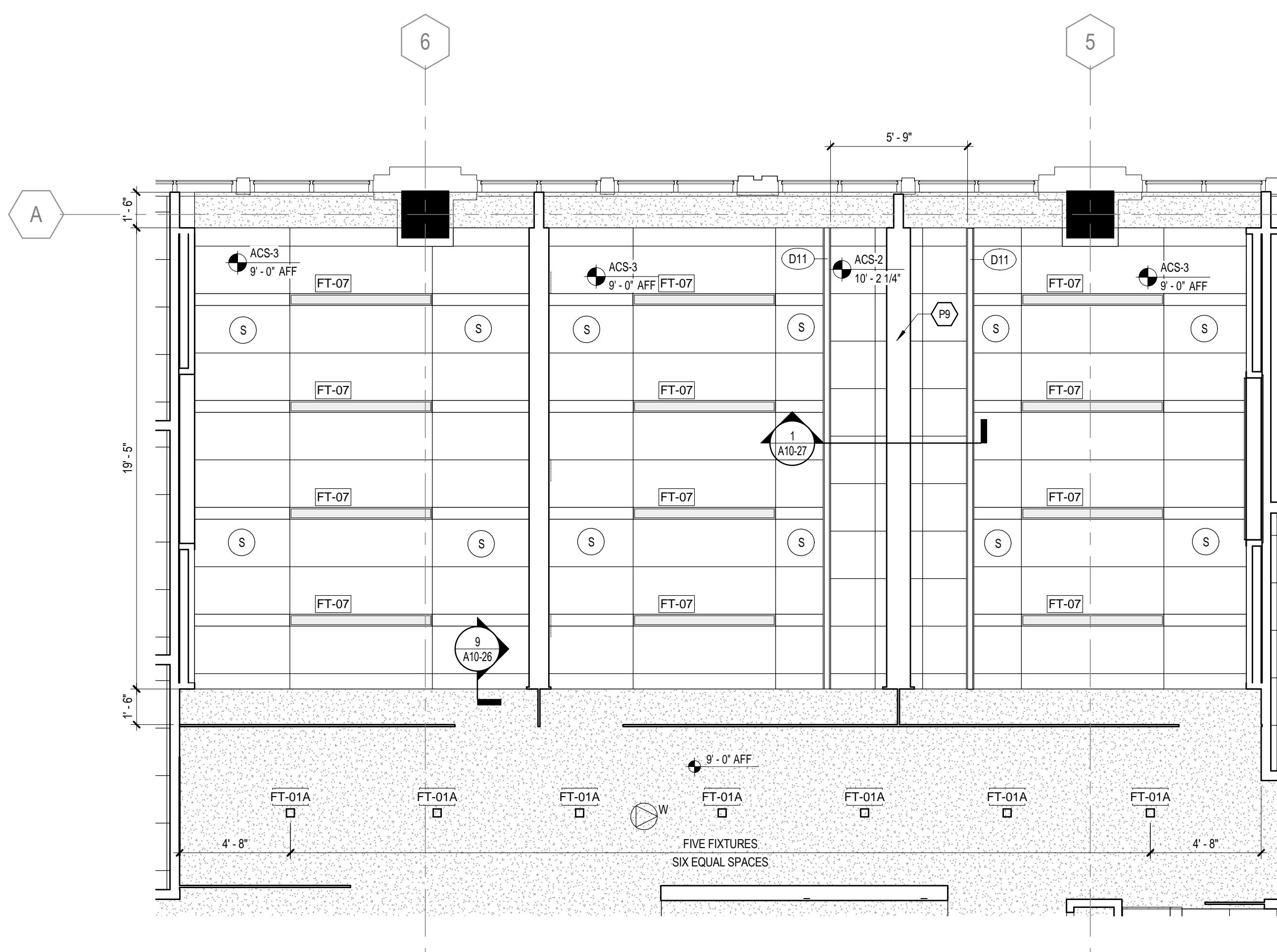
⑦ CONF 206 - EAST  
1/4" = 1'-0"



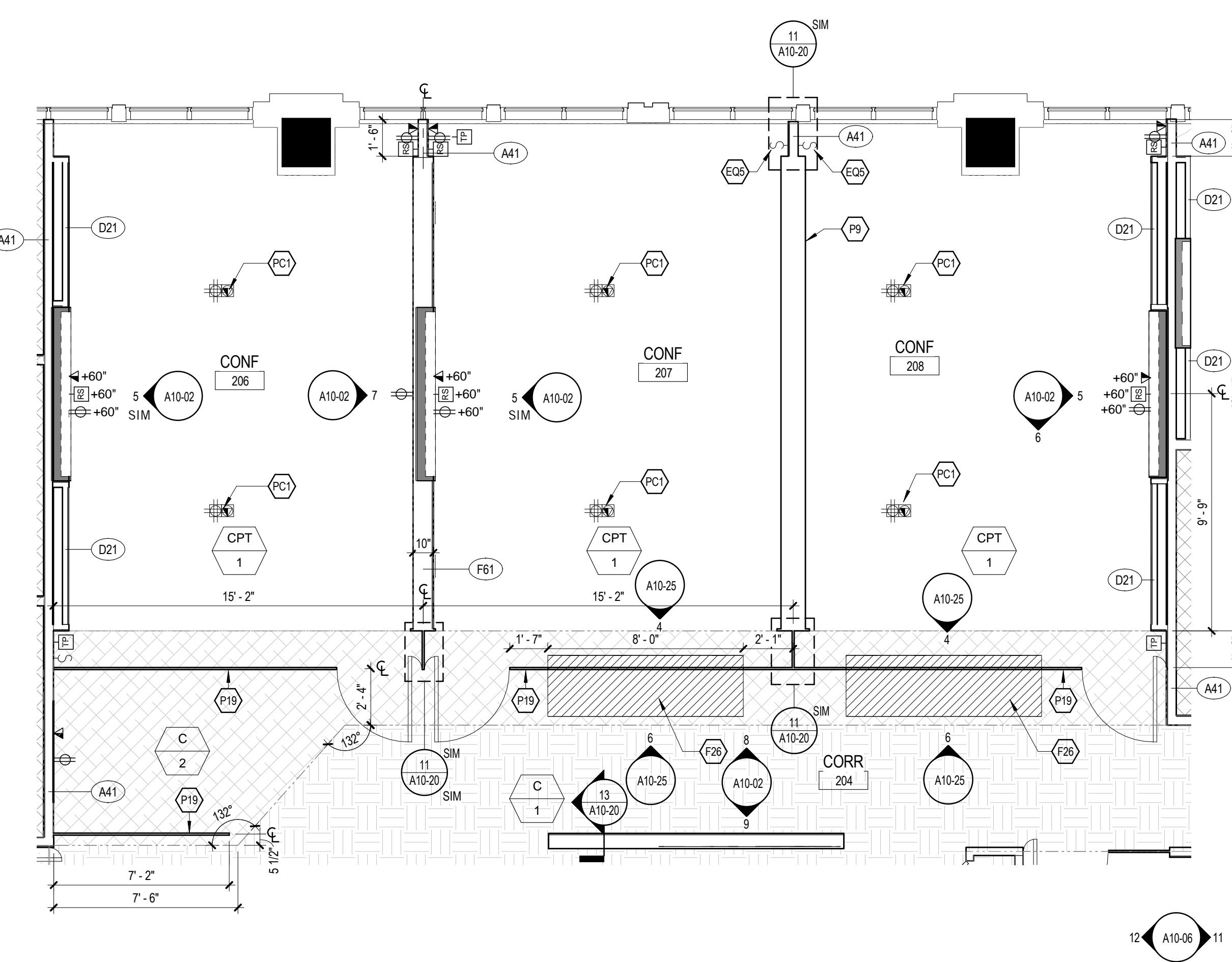
⑥ CONF 206, 207, 208 - SOUTH  
1/4" = 1'-0"



⑤ CONF 208 - EAST  
1/4" = 1'-0"



② ENLARGED RCP - CONFERENCE ROOMS - 206, 207, 208  
1/4" = 1'-0"



① ENLARGED PLAN - CONFERENCE ROOMS - 206, 207, 208  
1/4" = 1'-0"

**SHEET LEGEND //**

W	WALL MOUNTED DUPLEX OUTLET +18" AFF U.N.O.
V	WALL MOUNTED TELE / DATA OUTLET +18" AFF U.N.O.
RS	SINGLE GANG RING AND STRING OUTLET FOR TELECOM, +18" AFF U.N.O.
TP	TENANT INSTALLED AV CONTROL PANEL, +56" AFF U.N.O.
FP	FLOOR MOUNTED QUADRUPLE OUTLET
FL	FLOOR MOUNTED TELE / DATA OUTLET
DE	DEMOLITION FLOOR MOUNTED QUADRUPLE OUTLET
DD	DEMOLITION FLOOR MOUNTED TELE / DATA OUTLET
C	CEILING MOUNTED SPEAKER
IPCAM	CEILING MOUNTED CAMERA
CW	CEILING MOUNTED WIRELESS ACCESS POINT
NIC	NIC
XXX	FLOOR FINISH MATERIAL TYPE
XXX	FLOOR FINISH MATERIAL NUMBER
WFD	WALL FINISH DEDICATION
EFD	EXTENT OF FINISH DEDICATION
BFD	BASE FINISH DEDICATION
1	FLOOR FINISH MATERIAL PATTERN DIRECTION
EQ	ALIGN
CPT-1	CPT-1 (CONFERENCE, DARK GREY), REFER TO FINISH SCHEDULE
CPT-2	CPT-2 (OFFICES, FULL PEBBLE), REFER TO FINISH SCHEDULE
CPT-3	CPT-3 (CORRIDOR, PARTIAL PEBBLE), REFER TO FINISH SCHEDULE
CPT-4	CPT-4 (OPEN AREA, LIGHT GREY), REFER TO FINISH SCHEDULE
CPT-5	CPT-5 (RECEPTION AREA RUG), REFER TO FINISH SCHEDULE
CPT-6	CPT-6 (TEAM AREA, BRIGHT BLUE), REFER TO FINISH SCHEDULE
R-1	R-1 (SUPPORT, GREY), REFER TO FINISH SCHEDULE
T-1	T-1 (EXECUTIVE RESTROOM, DARK GREY), REFER TO FINISH SCHEDULE
C-1	C-1 (SEALED CONCRETE), REFER TO FINISH SCHEDULE
C-2	C-2 (SEALED CONCRETE, STAINED), REFER TO FINISH SCHEDULE
WF-1	WF-1 (WOOD FLOOR), REFER TO FINISH SCHEDULE
FC	FELT CEILING FINISH

PROFESSIONAL CERTIFICATION |  
CERTIFY THAT THESE DOCUMENTS  
WERE PREPARED OR APPROVED BY ME,  
AND THAT I AM A DULY LICENSED  
ARCHITECT UNDER THE LAWS OF THE  
STATE OF MARYLAND, EXPIRATION DATE  
10/09, EXPIRATION DATE 08/02/2016.

PROJECT

**FOULGER-PRATT**

**FOULGER-PRATT  
HEADQUARTERS**

12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN

ISSUE CHART

**KEY NOTES //**

C9	WD-1 SOFT
D1	REMOVE EXISTING DRYWALL IN THIS LOCATION IN ORDER TO INSTALL NEW POWER AND DATA CONNECTIONS
DR1	SLIDING WD-1 BARN DOOR WITH EXPOSED HARDWARE RAIL
EQ6	COORDINATE WITH EQUIPMENT VENDOR TO VERIFY DIMENSIONS
F6	SSM-1 COUNTERTOP AND BACKPLATE
F8	P2-2 COUNTERTOP WITH MTL-1 ANGLE EDGE
F27	GL-1 PANELS WITH AF-1 CUSTOM GRAPHIC IN MTL-4 DOUBLE FRAME WITH EXPOSED HARDWARE RAIL
F28	PAINT CONCRETE IN GEOMETRIC PATTERN AS SHOWN, BEFORE SEALING. P-1
F29	SSM-1 COUNTERTOP & END PANELS WITH PL-1 CABINETS FOR TRASH RECYCLING
F30	STEEL POST COUNTER SUPPORT
F32	FLUSH WOOD BASE, WB-1
F57	1/2" REVEAL ALIGNED WITH OPPOSITE RETURN
F58	COUNTERTOP AT 3 1/2" HEIGHT TO ACCOMMODATE ICE MAKER, E1.09
F61	(3) DOUG MOCKETT KNOBS, DP-260, AT THIS LOCATION
L2	SCHEDULED LIGHT FIXTURE
L8	FURR CUT COLUMN WITH 7/8" HAT CHANNEL
PC5	EXISTING G-1 DIA CONDUIT STUB UP FOR POWER/DATA CONCEALED WITHIN MILLWORK
PC8	EXISTING G-3 DIA CORE DRILL FOR PLUMBING SLEEVE AT CAFE

ISSUED FOR PERMIT/BID 05/28/15  
90% CONSTRUCTION DOCUMENTS 05/19/15  
75% CONSTRUCTION DOCUMENTS 05/01/15  
DESIGN DEVELOPMENT 03/06/15  
DATE 03/06/15

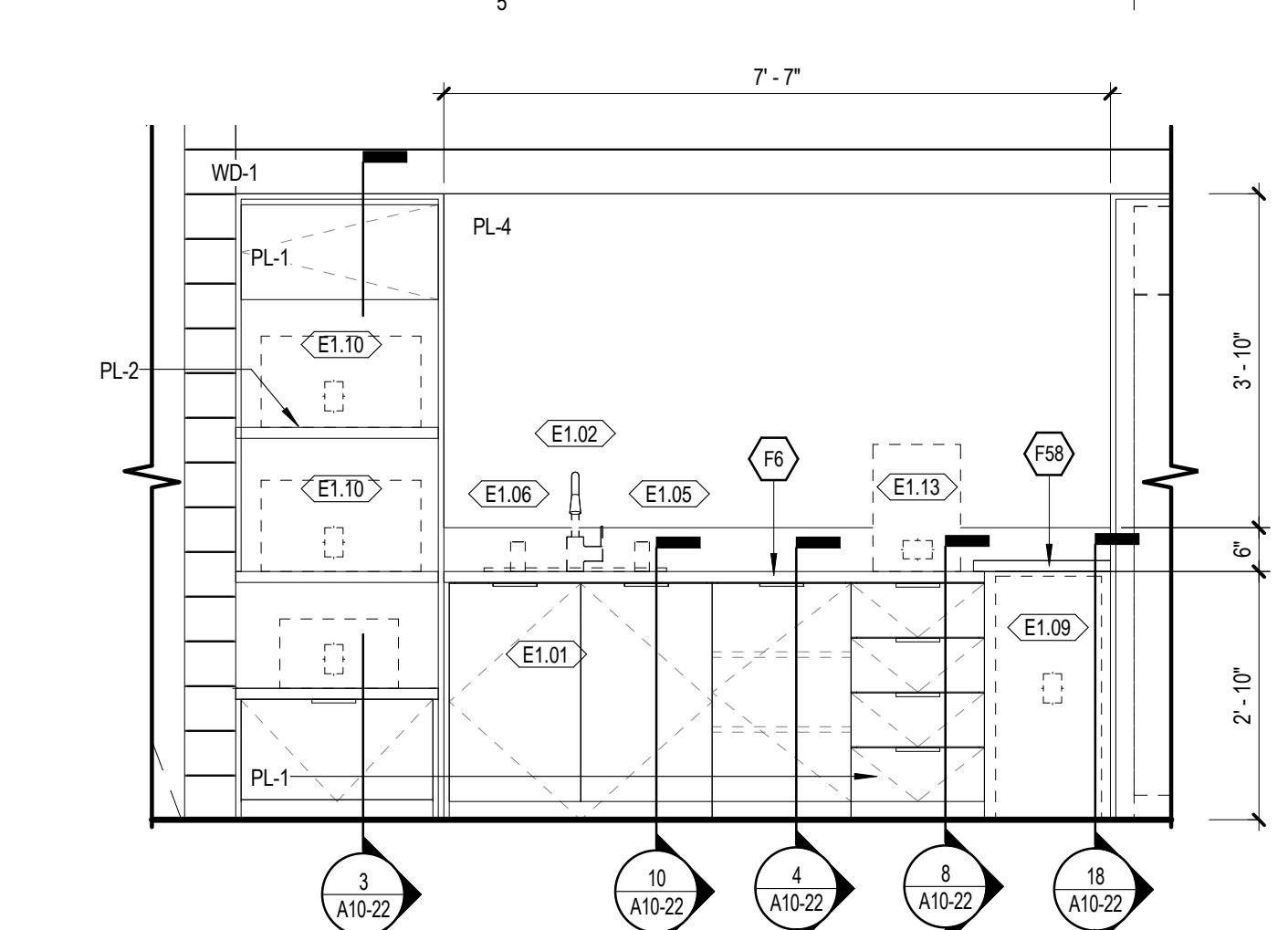
Job Number 860424.0000  
Drawn DS/JR  
Checked JP  
Approved RL  
TITLE

**ENLARGED PLAN &  
ELEVATIONS- CAFE**

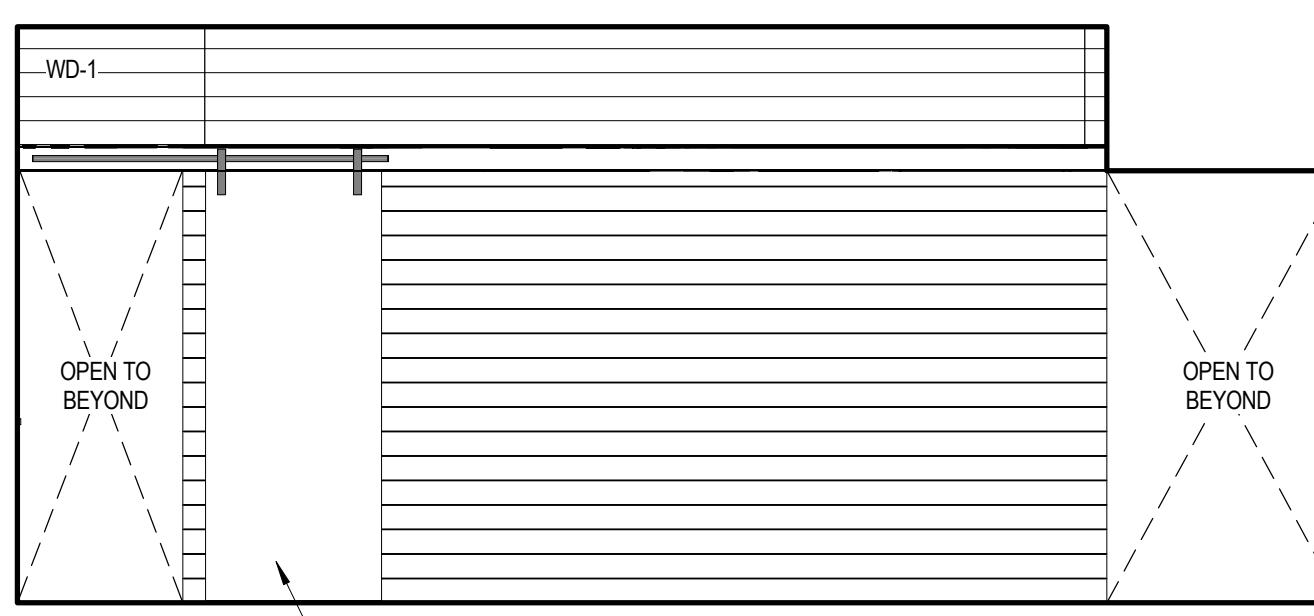
SHEET NUMBER

**A10-03**

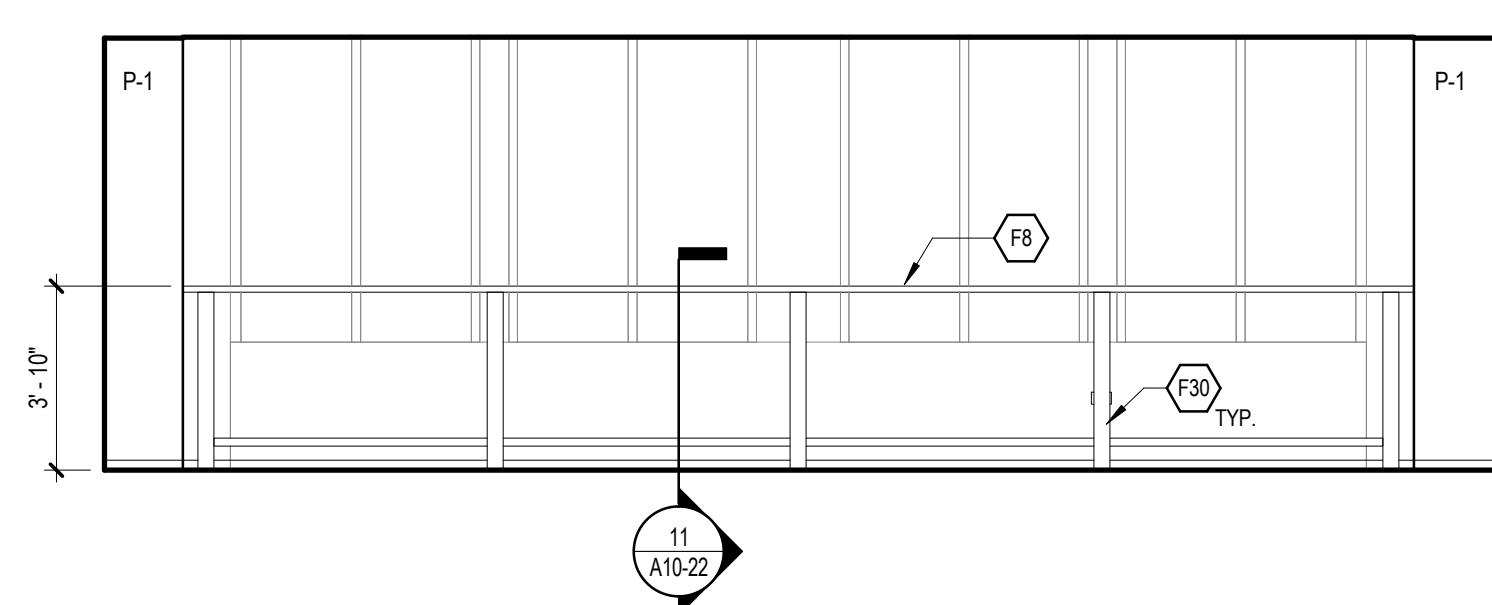
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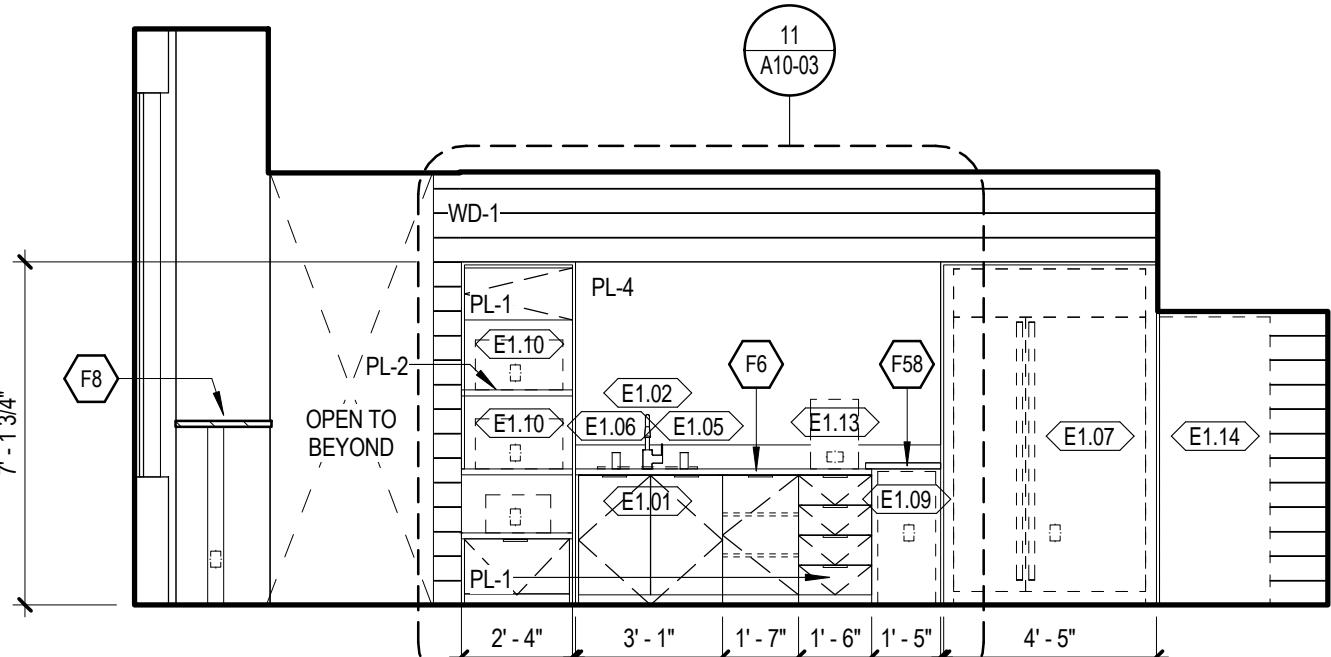
**⑪ CAFE 250 - WEST @ PANTRY MILLWORK - ENLARGED**



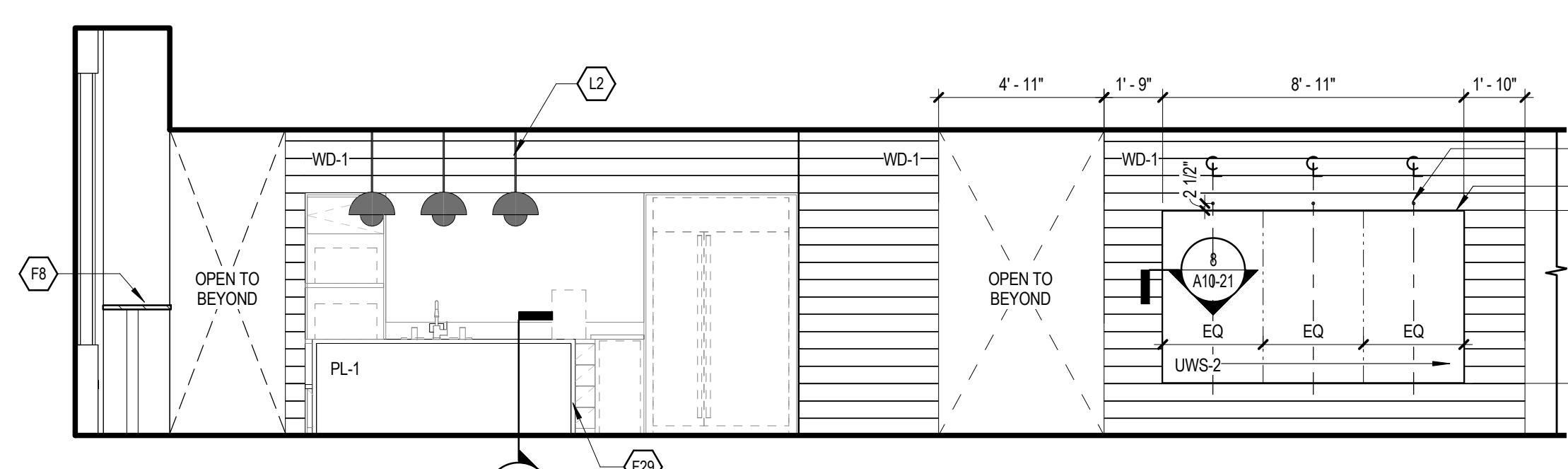
**⑩ OPEN OFFICE 240 - WEST**



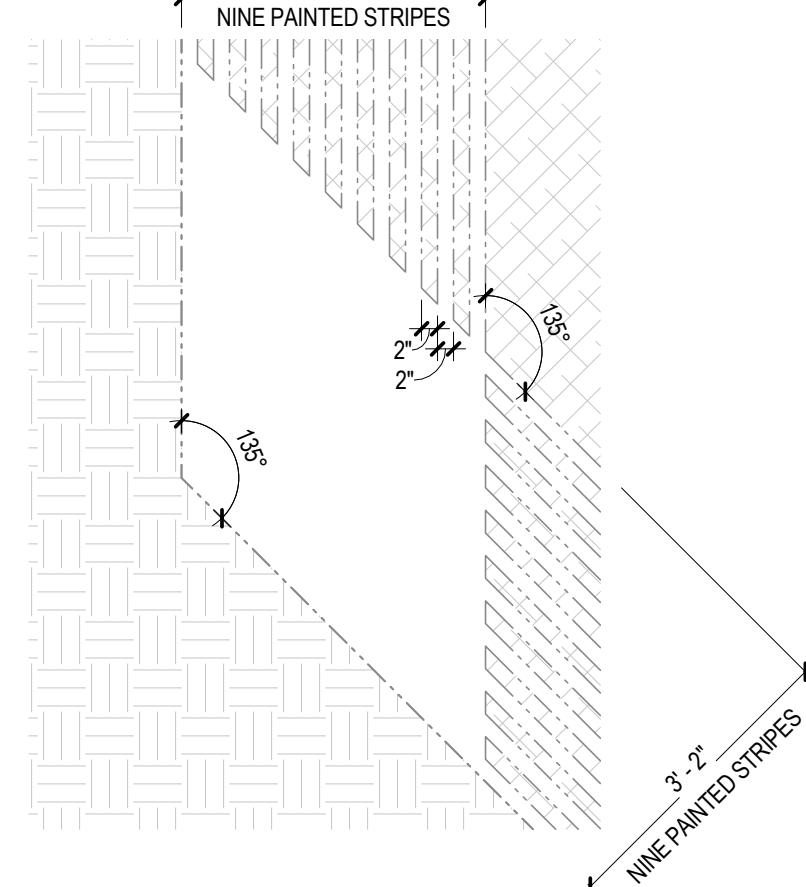
**⑨ CAFE 250 - SOUTH**



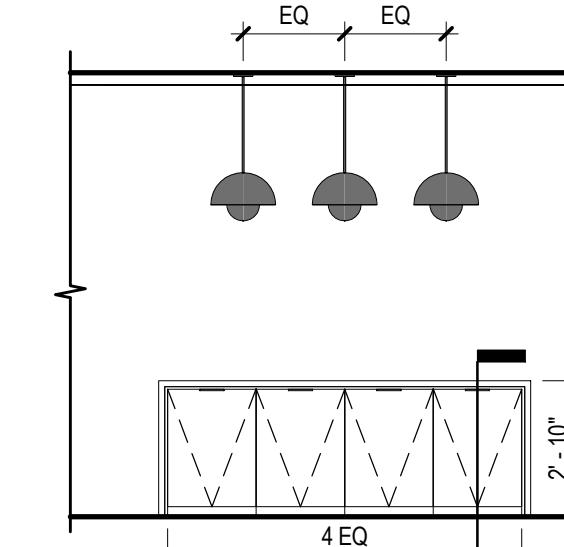
**⑧ CAFE 250 - WEST @ PANTRY MILLWORK**



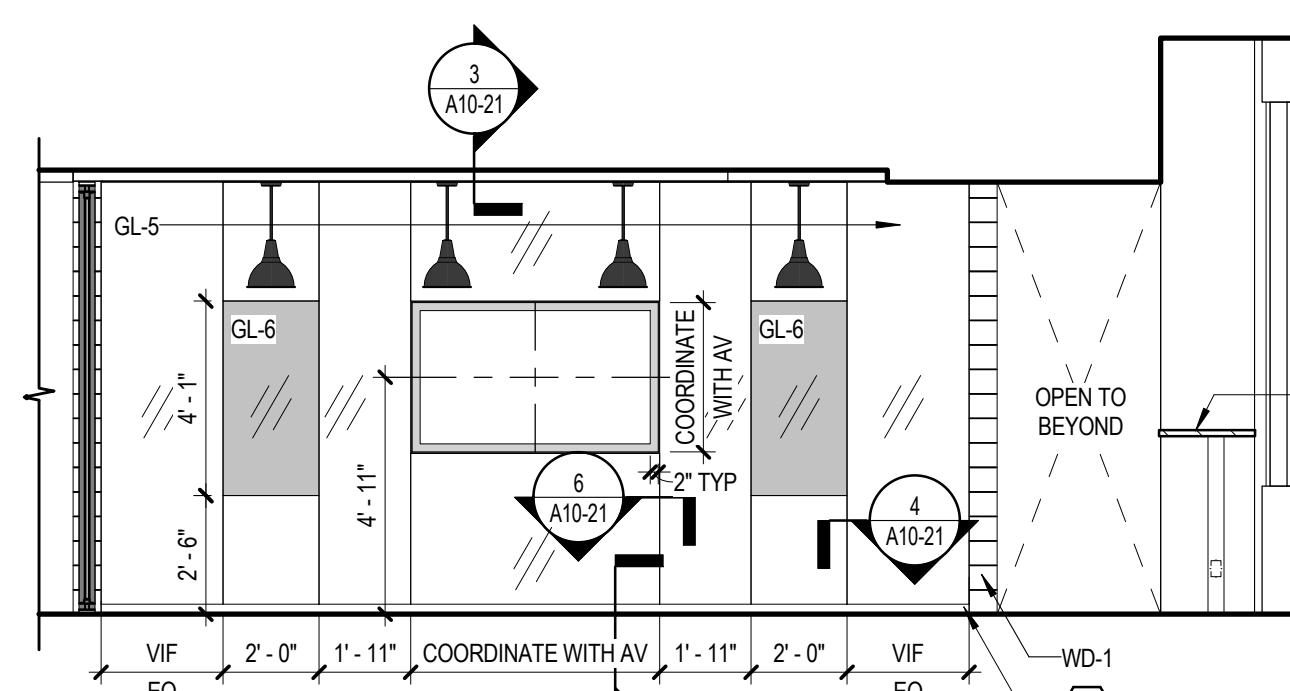
**⑦ CAFE 250 - WEST**



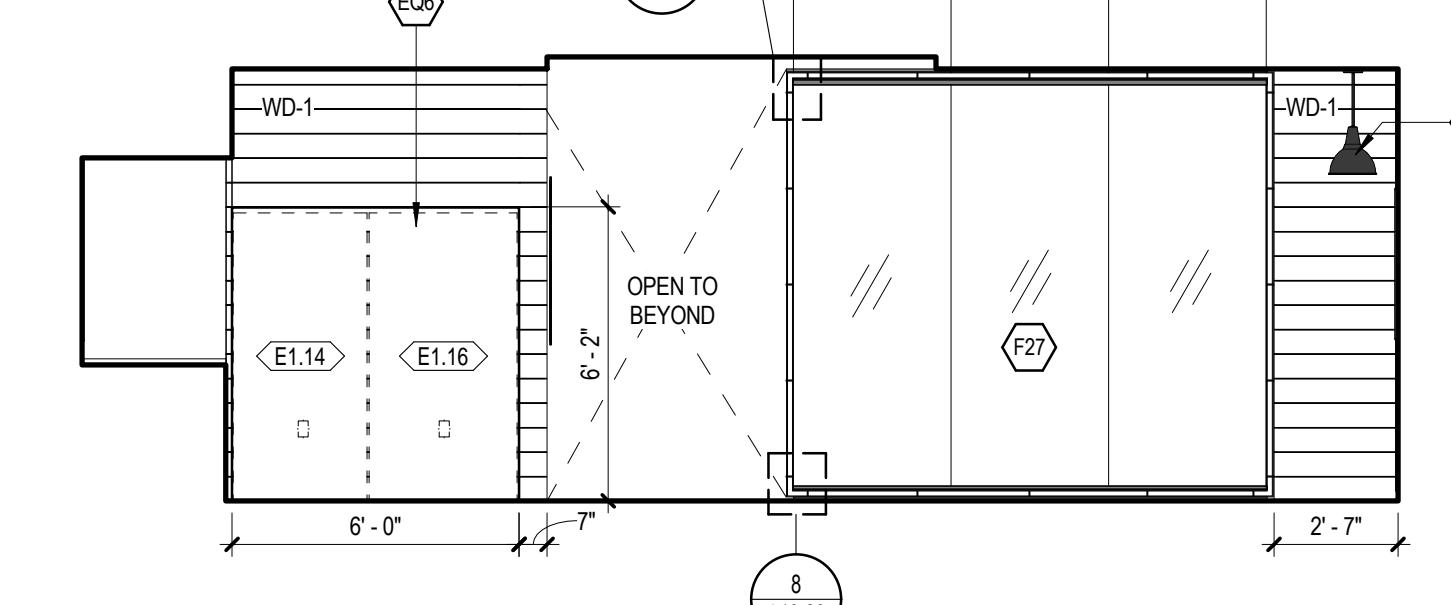
**⑥ PLAN DETAIL- PAINTED FLOOR DETAIL**



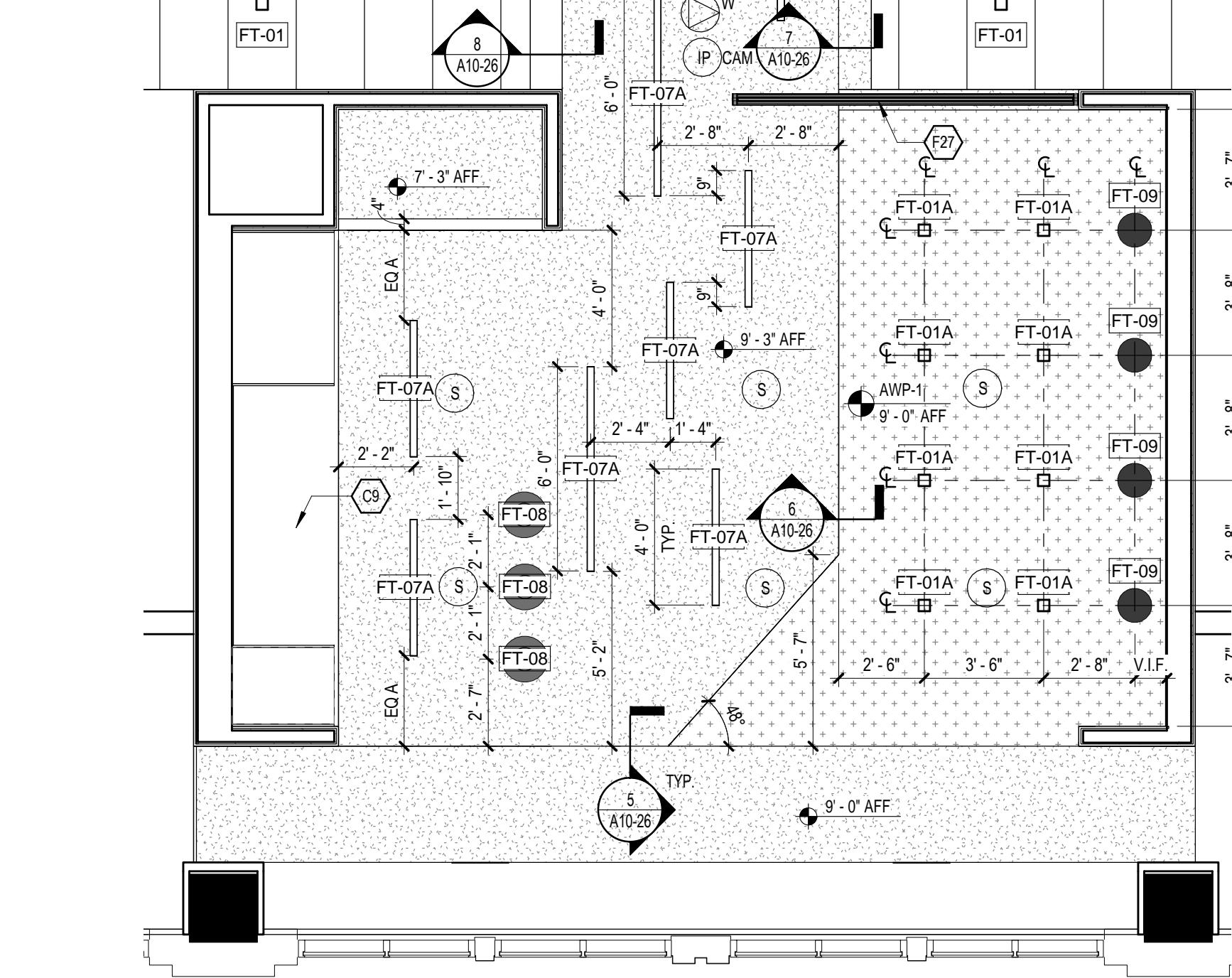
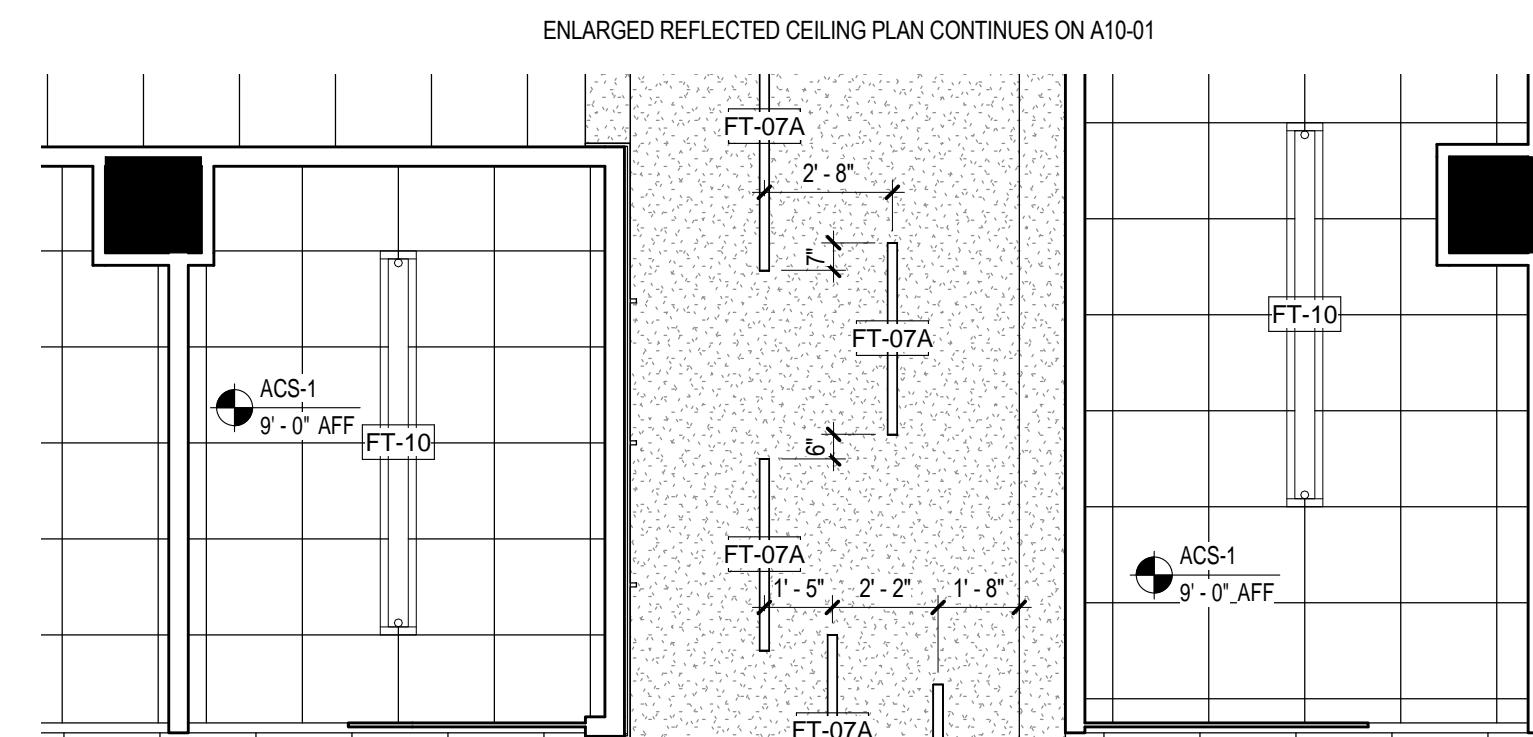
**⑤ CAFE 250 - EAST @ PANTRY ISLAND**



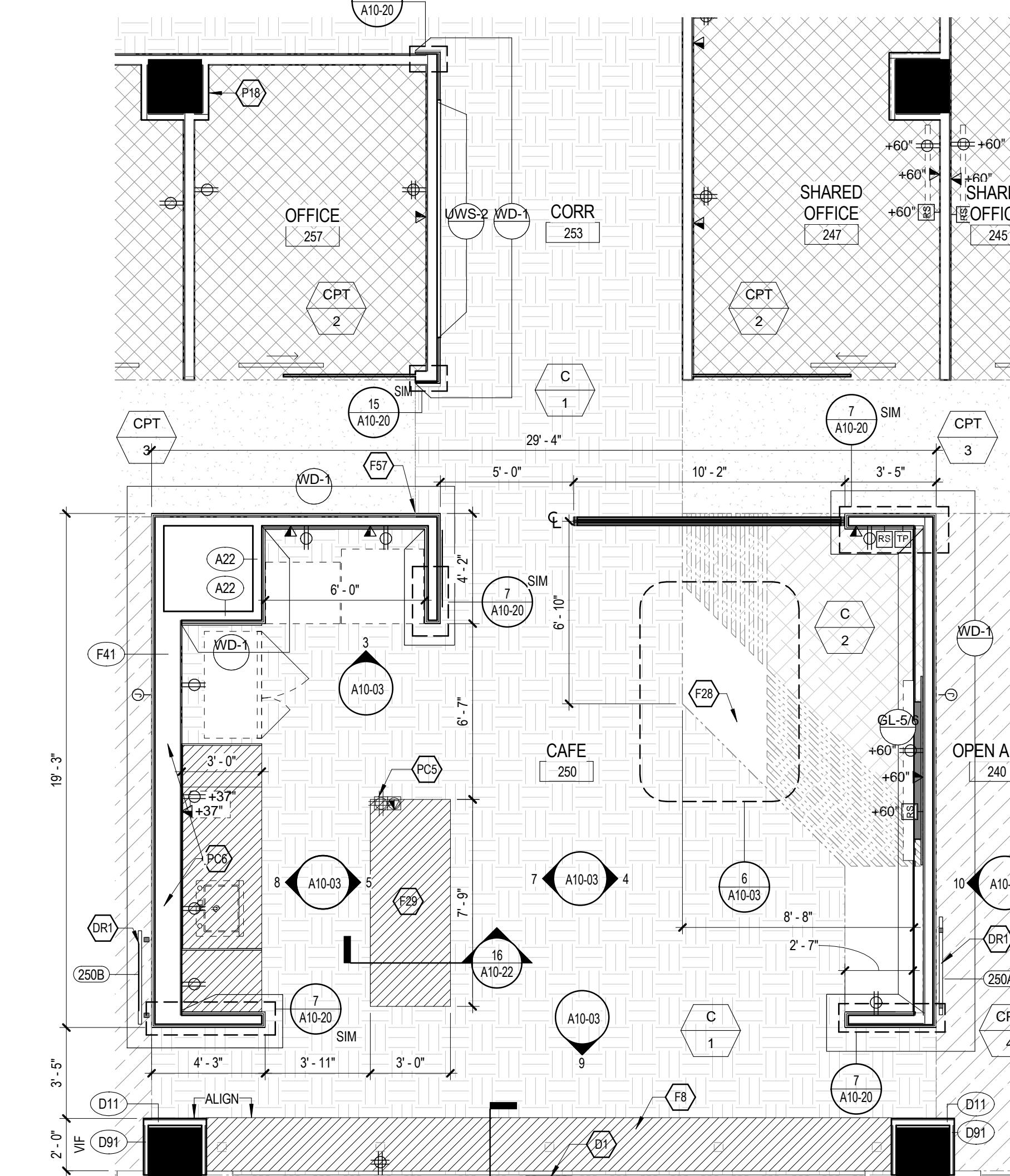
**④ CAFE 250 - EAST**



**③ CAFE 250 - NORTH**



**② ENLARGED RCP - CAFE 250**



**① ENLARGED PLAN - CAFE 250**

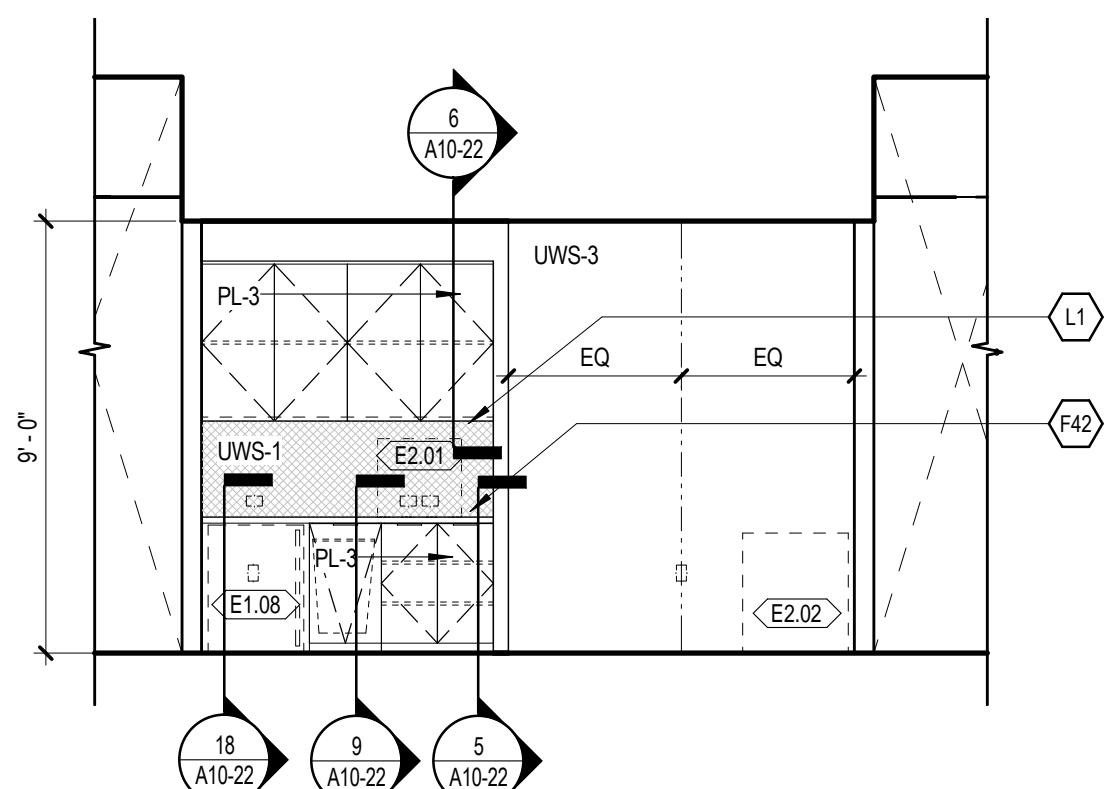
PROFESSIONAL CERTIFICATION |  
CERTIFY THAT THESE DOCUMENTS  
WERE PREPARED OR APPROVED BY ME,  
AND THAT I AM A DULY LICENSED  
ARCHITECT UNDER THE LAWS OF THE  
STATE OF MARYLAND, EXPIRATION NUMBER  
1039, EXPIRATION DATE 08.02.2016.

PROJECT  
**FOULGER-PRATT**

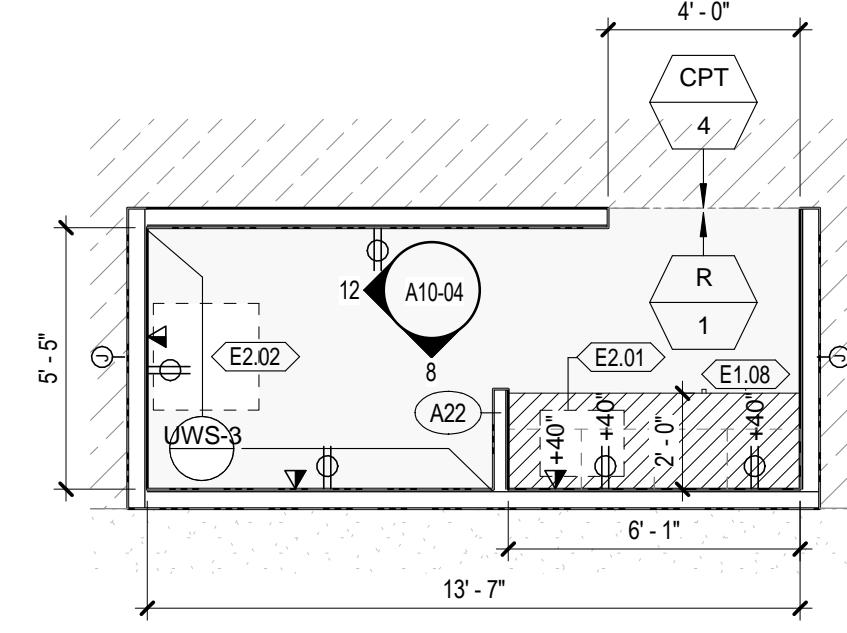
**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD



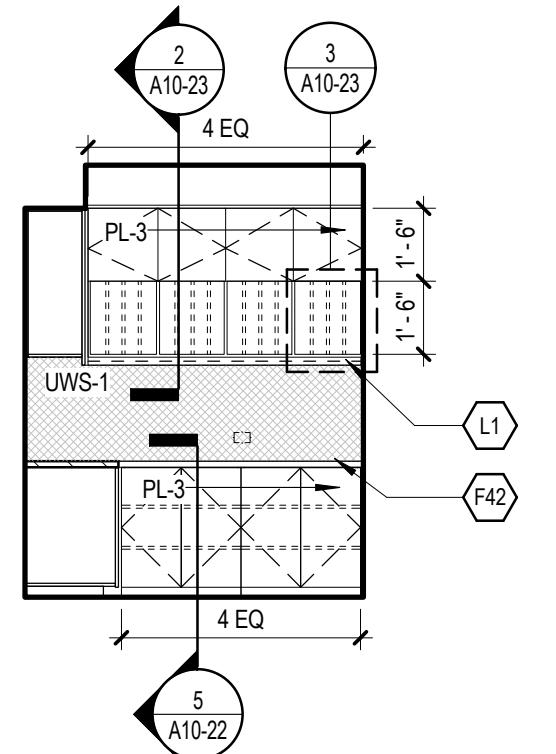
⑫ COPY 210 WEST @ COPIER  
1/4" = 1'-0"



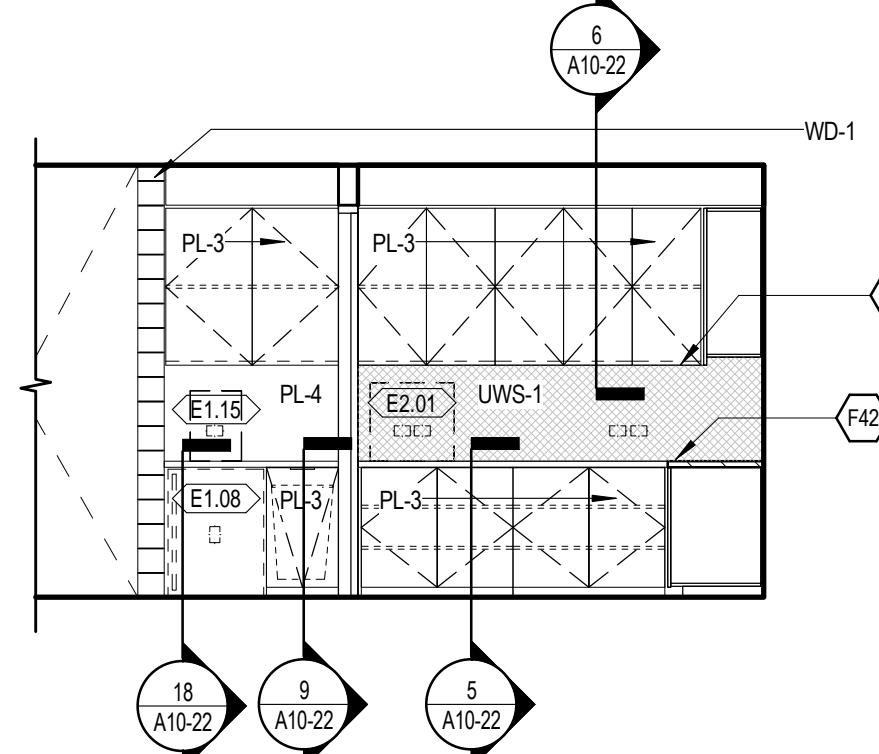
⑧ COPY 210 SOUTH @ MILLWORK  
1/4" = 1'-0"



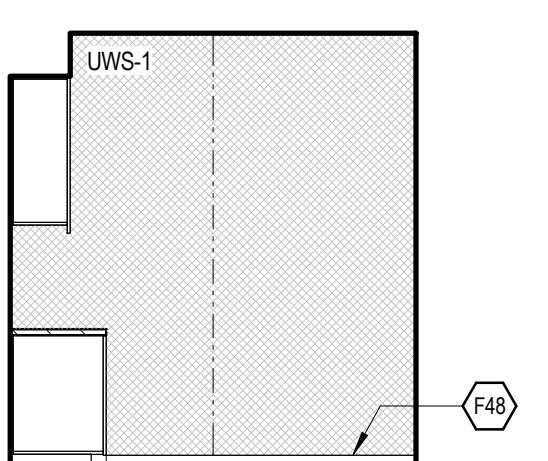
④ ENLARGED PLAN - COPY 210  
1/4" = 1'-0"



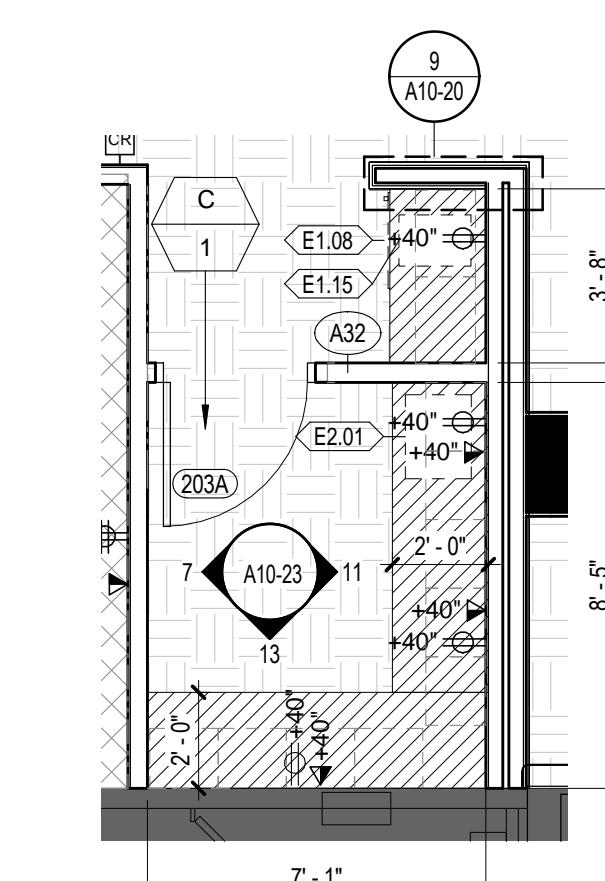
⑬ MAIL 203 - SOUTH  
1/4" = 1'-0"



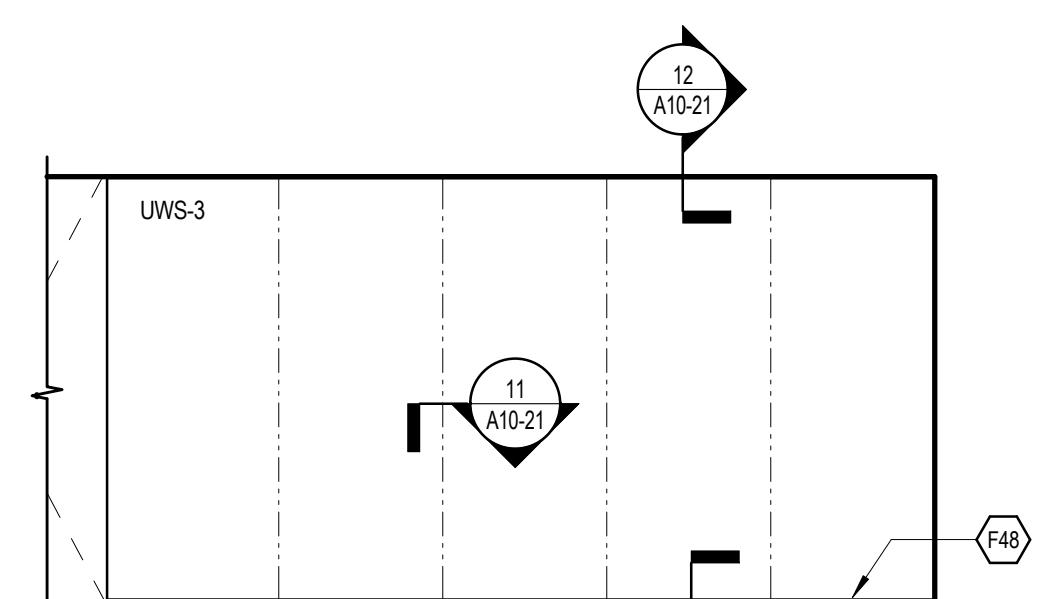
⑪ MAIL 203 - EAST  
1/4" = 1'-0"



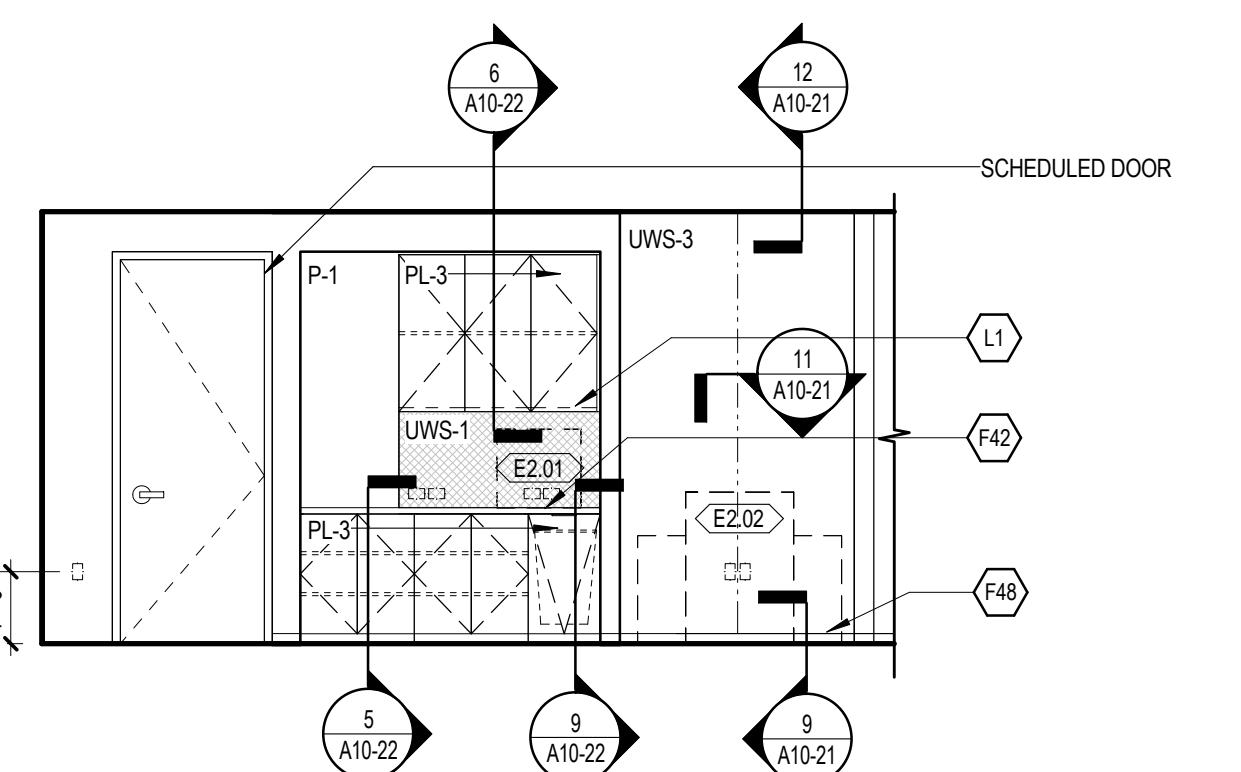
⑦ MAIL 203 - WEST  
1/4" = 1'-0"



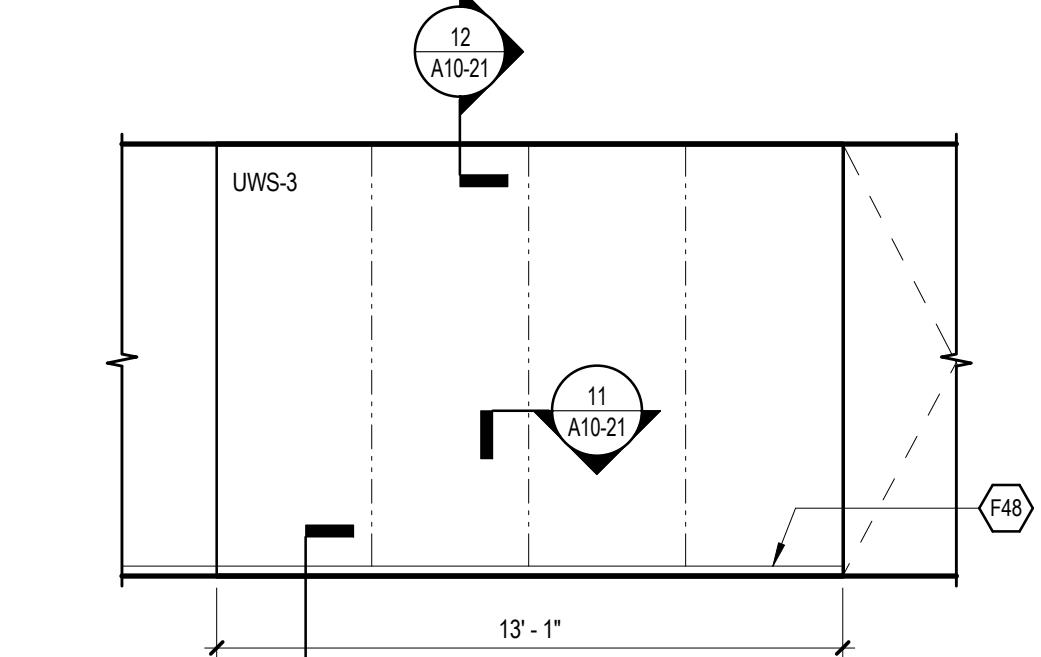
③ ENLARGED PLAN - MAIL 203  
1/4" = 1'-0"



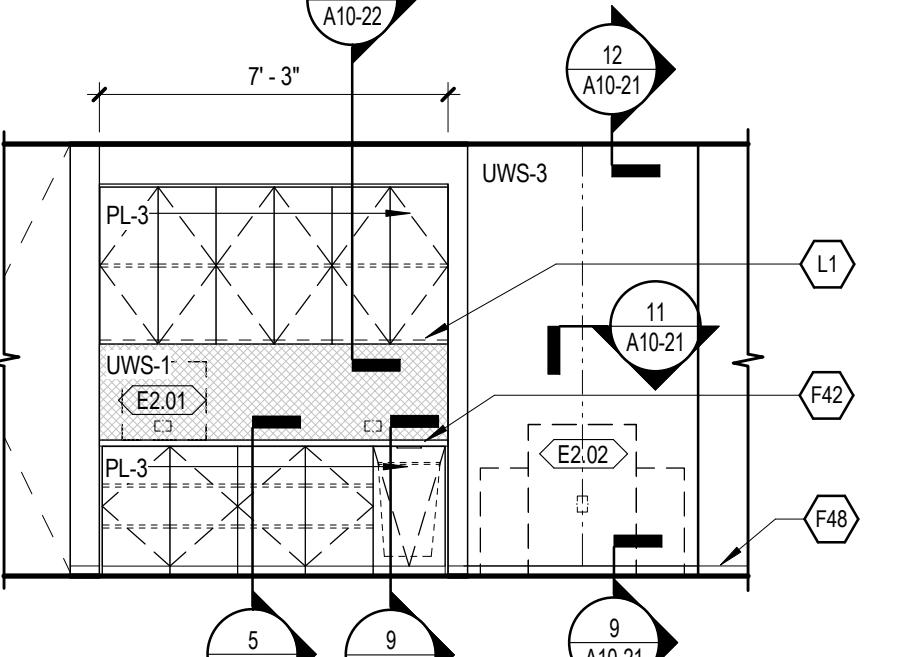
⑩ COPY 241 WEST @ TACK WALL  
1/4" = 1'-0"



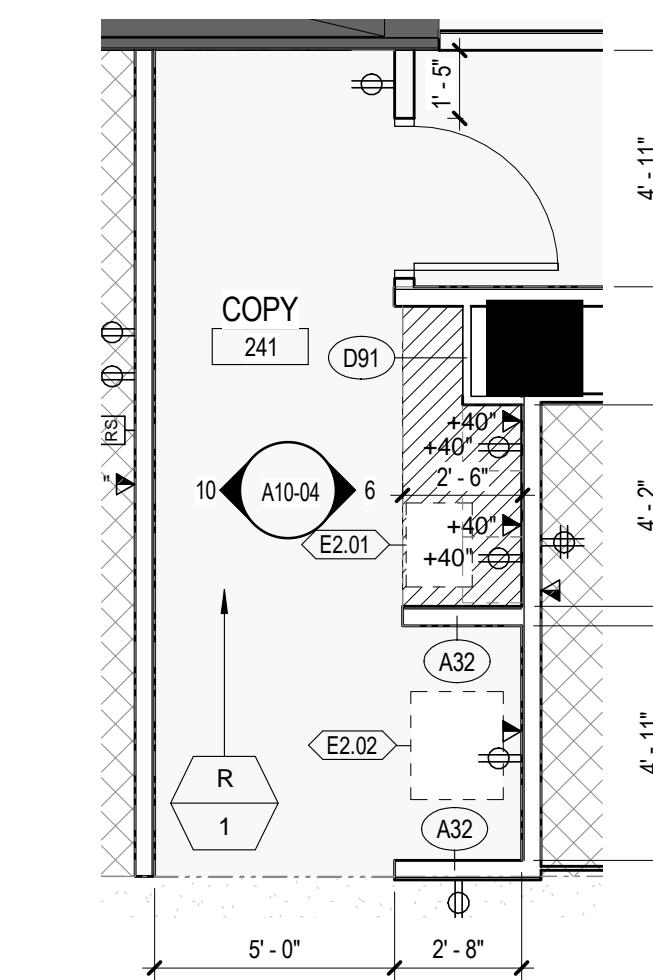
⑥ COPY 241 EAST @ MILLWORK  
1/4" = 1'-0"



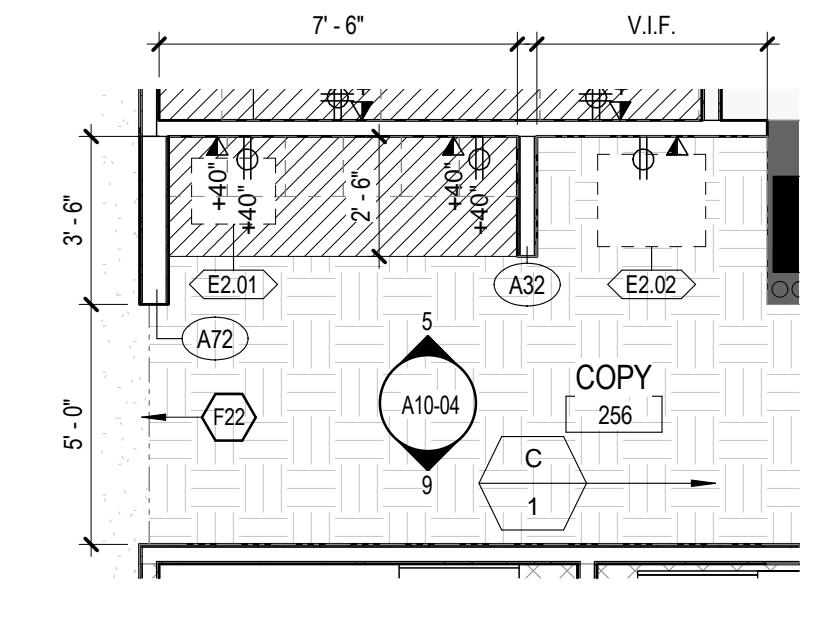
⑨ COPY 256 SOUTH @ TACK WALL  
1/4" = 1'-0"



⑤ COPY 256 NORTH @ MILLWORK  
1/4" = 1'-0"



② ENLARGED PLAN - COPY 241  
1/4" = 1'-0"



① ENLARGED PLAN - COPY 256  
1/4" = 1'-0"

**SHEET LEGEND //**

W	WALL MOUNTED DUPLEX OUTLET • 18" AFF U.N.O.
V	WALL MOUNTED TELE / DATA OUTLET • 18" AFF U.N.O.
RS	SINGLE GANG RING AND STRING OUTLET FOR TELECOM, • 18" AFF U.N.O.
TP	TENANT-INSTALLED AV CONTROL PANEL, • 56" AFF U.N.O.
Q	FLOOR INSTALLED QUADRUPLE OUTLET
TD	FLOOR MOUNTED TELE / DATA OUTLET
D	DEMOLITION FLOOR MOUNTED QUADRUPLE OUTLET
DT	DEMOLITION FLOOR MOUNTED TELE / DATA OUTLET
C	CEILING MOUNTED SPEAKER
IPCAM	CEILING MOUNTED CAMERA
CW	CEILING MOUNTED WIRELESS ACCESS POINT
NIC	NIC
XXX	FLOOR FINISH MATERIAL TYPE
XXX	FLOOR FINISH MATERIAL NUMBER
XX	WALL FINISH DEDICATION
XX	EXTENT OF FINISH DEDICATION
XX	BASE FINISH DEDICATION
↓	FLOOR FINISH MATERIAL PATTERN DIRECTION
↔	ALIGN
	CPT-1 (CONFERENCE, DARK GREY), REFER TO FINISH SCHEDULE
	CPT-2 (OFFICES, FULL PEBBLE), REFER TO FINISH SCHEDULE
	CPT-3 (CORRIDOR, PARTIAL PEBBLE), REFER TO FINISH SCHEDULE
	CPT-4 (OPEN AREA, LIGHT GREY), REFER TO FINISH SCHEDULE
	CPT-5 (RECEPTION AREA RUG), REFER TO FINISH SCHEDULE
	CPT-6 (TEAM AREA, BRIGHT BLUE), REFER TO FINISH SCHEDULE
R	R-1 (SUPPORT, GREY), REFER TO FINISH SCHEDULE
T-1	T-1 (EXECUTIVE RESTROOM, DARK GREY), REFER TO FINISH SCHEDULE
C-1	C-1 (SEALED CONCRETE), REFER TO FINISH SCHEDULE
C-2	C-2 (SEALED CONCRETE, STAINED), REFER TO FINISH SCHEDULE
WF-1	WF-1 (WOOD FLOOR), REFER TO FINISH SCHEDULE
	FELT CEILING FINISH

**KEY NOTES //**

F22	CARPET TO CONCRETE TRANSITION WITH ALUMINUM ANGLE, REFER TO DETAIL 3/A00-71.
F42	PL-3 COUNTERTOP WITH MTL-1 ANGLE EDGE
F46	WB-2
L1	UNDERCABINET LIGHT FT-04 (TYP)

ISSUED FOR PERMIT/BID	05/28/15
90% CONSTRUCTION DOCUMENTS	05/19/15
75% CONSTRUCTION DOCUMENTS	05/01/15
DESIGN DEVELOPMENT	03/06/15
MARK	ISSUE DATE
Job Number	860424.000
Drawn	DS/JR
Checked	JR
Approved	RL
TITLE	

**ENLARGED PLAN &  
ELEVATIONS - COPY**

SHEET NUMBER

**A10-04**

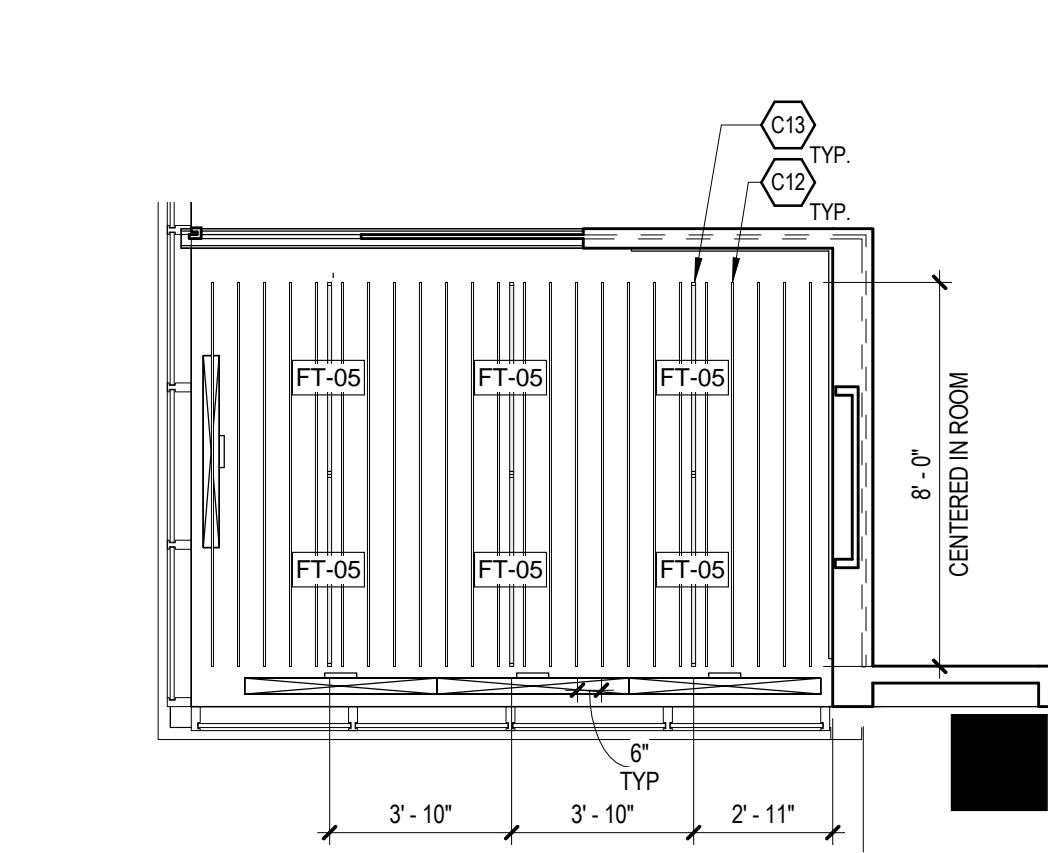
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**SHEET LEGEND //**

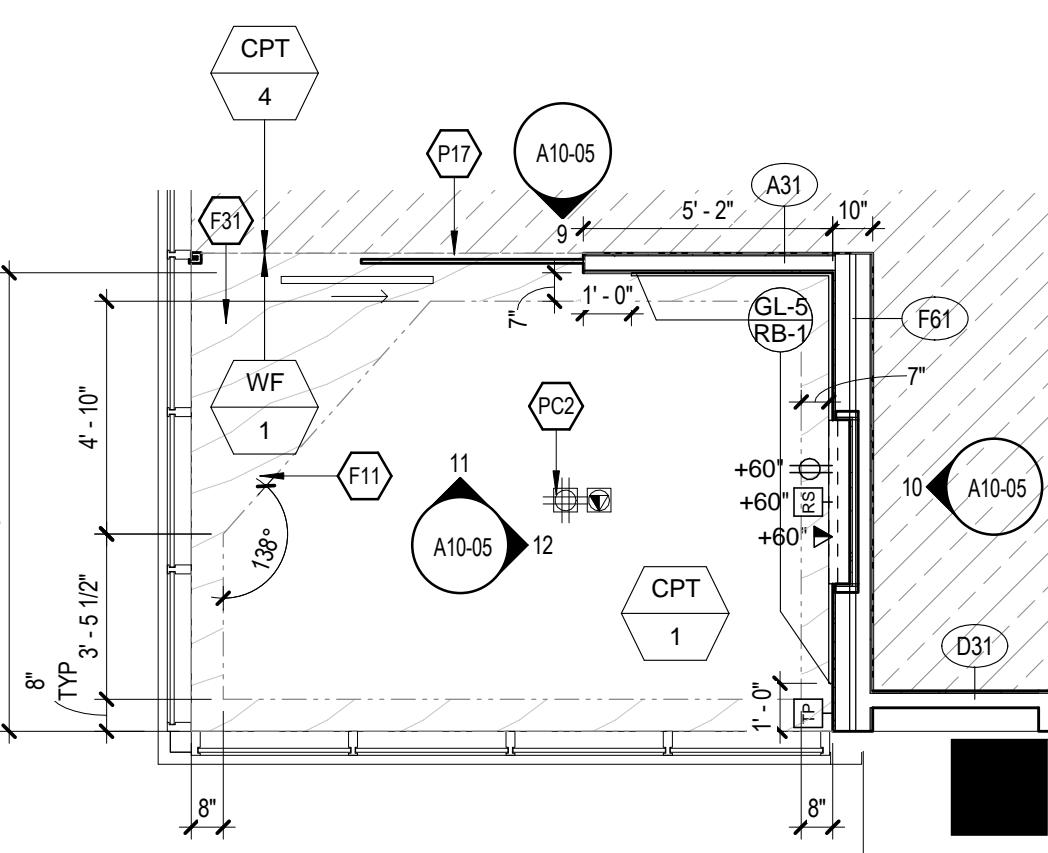
□	WALL MOUNTED DUPLEX OUTLET • 18" AFF U.N.O.
▼	WALL MOUNTED TELE / DATA OUTLET • 18" AFF U.N.O.
RS	SINGLE GANG RING AND STRING OUTLET FOR TELECOM, • 18" AFF U.N.O.
TP	TENANT INSTALLED AV CONTROL PANEL, • 56" AFF U.N.O.
■	FLOOR MOUNTED QUADRUPLE OUTLET
▀	FLOOR MOUNTED TELE / DATA OUTLET
☒	DEMOLITION FLOOR MOUNTED QUADRUPLE OUTLET
☒	DEMOLITION FLOOR MOUNTED TELE / DATA OUTLET
○	CEILING MOUNTED SPEAKER
IPCAM	CEILING MOUNTED CAMERA
○W	CEILING MOUNTED WIRELESS ACCESS POINT
■	NIC
XXX	FLOOR FINISH MATERIAL TYPE
XXX	FLOOR FINISH MATERIAL NUMBER
○XX	WALL FINISH DEDICATION
○XX	EXTENT OF FINISH DEDICATION
○XX	BASE FINISH DEDICATION
↓	FLOOR FINISH MATERIAL PATTERN DIRECTION
□	ALIGN
□	CPT-1 (CONFERENCE, DARK GREY), REFER TO FINISH SCHEDULE
□	CPT-2 (OFFICES, FULL PEBBLE), REFER TO FINISH SCHEDULE
□	CPT-3 (CORRIDOR, PARTIAL PEBBLE), REFER TO FINISH SCHEDULE
□	CPT-4 (OPEN AREA, LIGHT GREY), REFER TO FINISH SCHEDULE
□	CPT-5 (RECEPTION AREA RUG), REFER TO FINISH SCHEDULE
□	CPT-6 (TEAM AREA, BRIGHT BLUE), REFER TO FINISH SCHEDULE
R-1	SUPPORT, GREY), REFER TO FINISH SCHEDULE
T-1	EXECUTIVE RESTROOM, DARK GREY), REFER TO FINISH SCHEDULE
C-1	SEALED CONCRETE), REFER TO FINISH SCHEDULE
C-2	SEALED CONCRETE, STAINED), REFER TO FINISH SCHEDULE
WF-1	WOOD FLOOR, REFER TO FINISH SCHEDULE
WF-2	FELT CEILING FINISH

**KEY NOTES //**

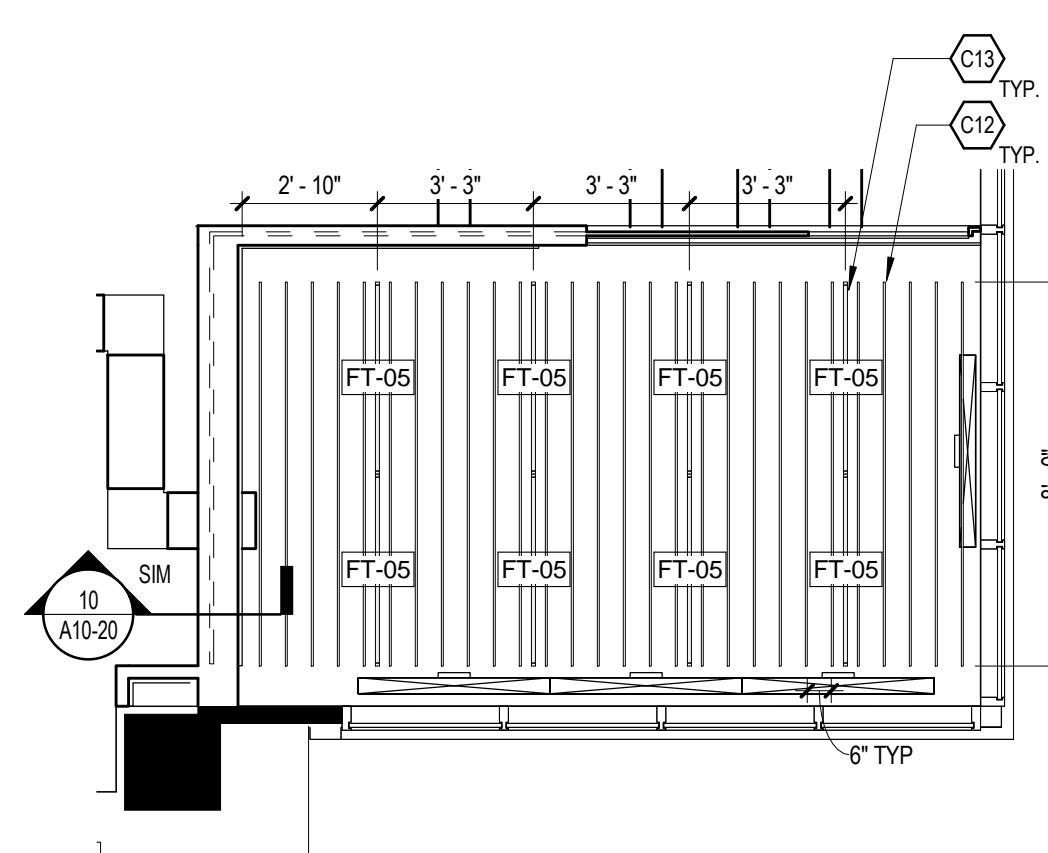
C12	10' AWN-2 CEILING BAFFLES SUSPENDED FROM GYP BOARD CEILING, REFER TO PLAN FOR LENGTHS.
C13	SCHEDULED LIGHT FIXTURE SUSPENDED BETWEEN ACOUSTIC BAFFLES, ALIGN WITH BOTTOM OF BAFFLE.
DR2	SCHEDULED DOOR & HARDWARE
EQ4	SCHEDULED FLAT SCREEN DISPLAY H14" MT1-3 FRAME, PAINT CAVITY BEHIND SCREEN P-6.
F4	RUBBER BASE, RB-1
F11	W-1 FULL HEIGHT WALL INSTALLED OVER SCHEDULED FLOOR FINISH
F31	W-1 FULL HEIGHT WALL OF ROOM WITH CARPET TILE AREA A RUG INSERT INTO WOOD.
P11	ALUMINUM FRAMED GLASS PARTITION & CLESTORY
P13	COORDINATE DUCT PENETRATION IN GWP BULKHEAD
P17	DEMOUNTABLE PARTITION - BASIS OF DESIGN : DHIVE
PC2	PROVIDE POKE-THRU DEVICE FOR POWER/DATA, WIREMOLD RC7 SERIES OR SIMILAR BASED ON ELECTRICAL ENGINEER SPECIFICATION. COORDINATE WITH FURNITURE.



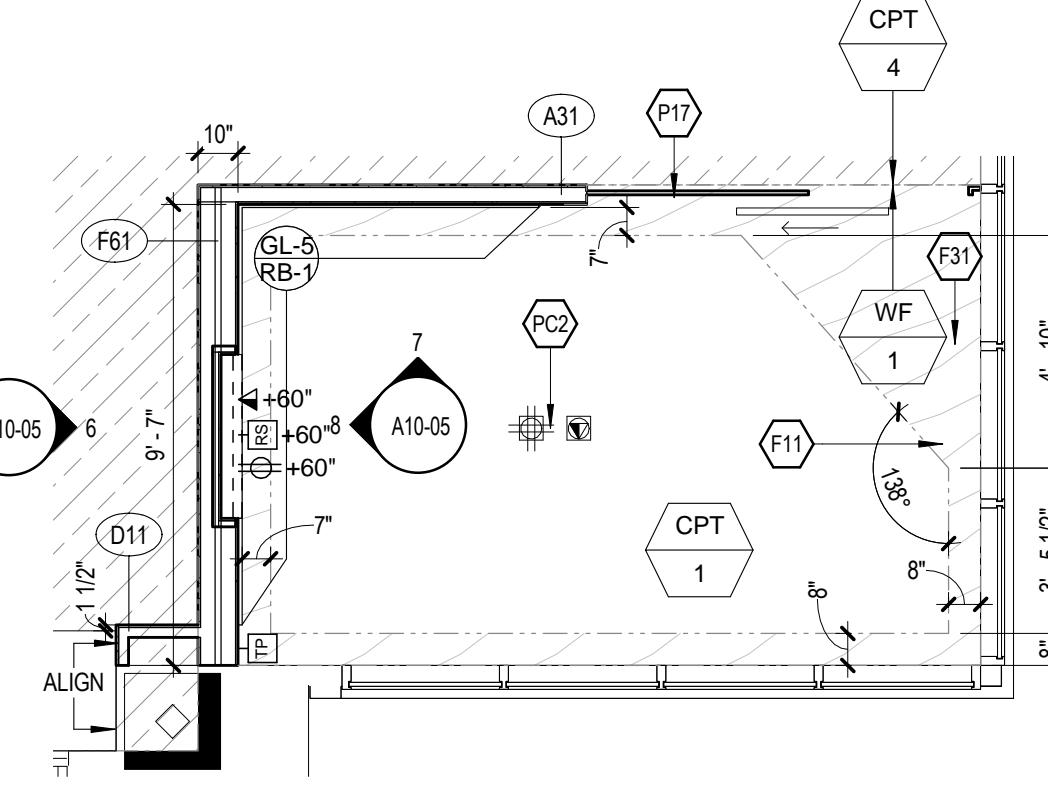
**4** ENLARGED RCP - TEAM 266  
1/4" = 1'-0"



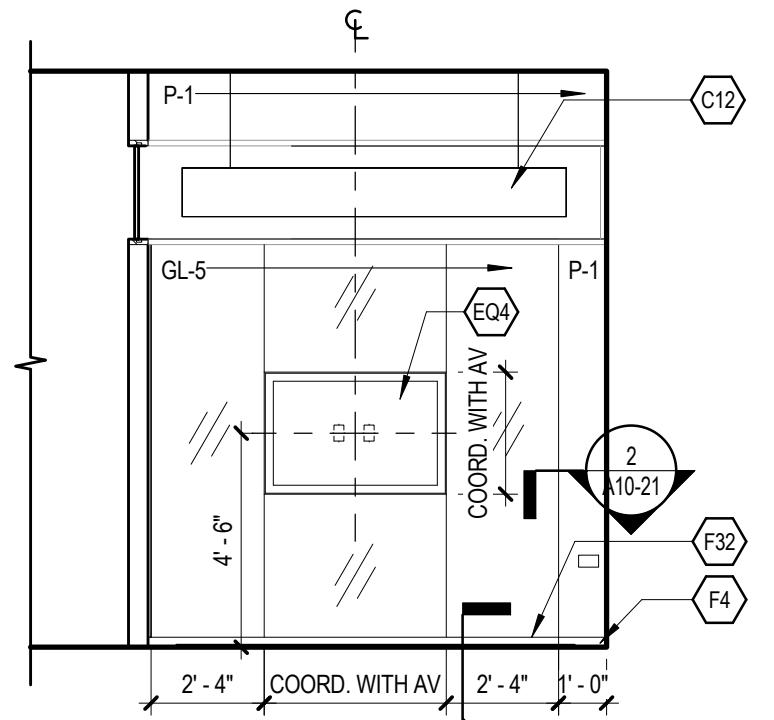
**3** ENLARGED PLAN - TEAM 266  
1/4" = 1'-0"



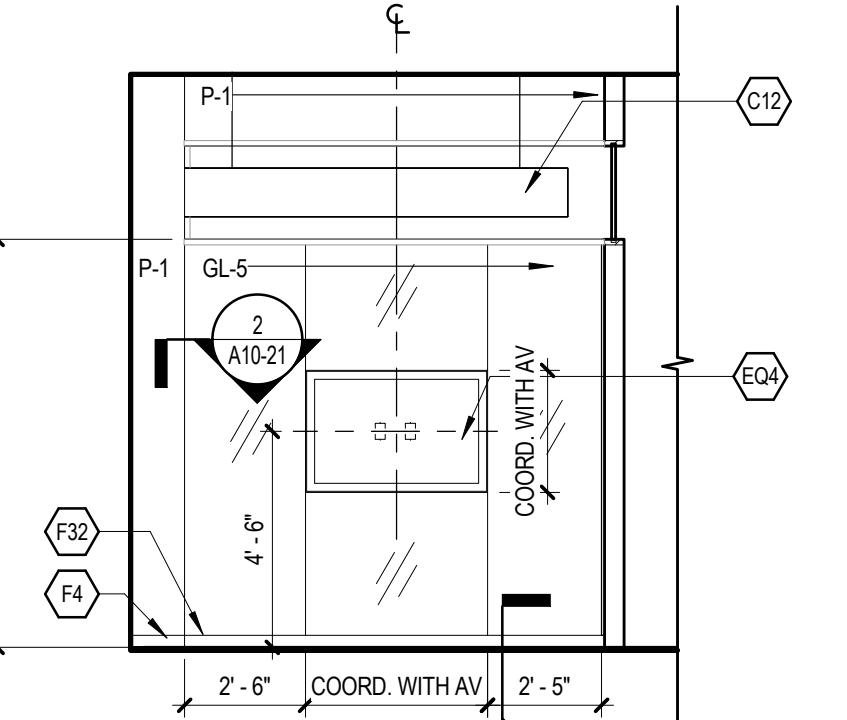
**2** ENLARGED RCP - TEAM 234  
1/4" = 1'-0"



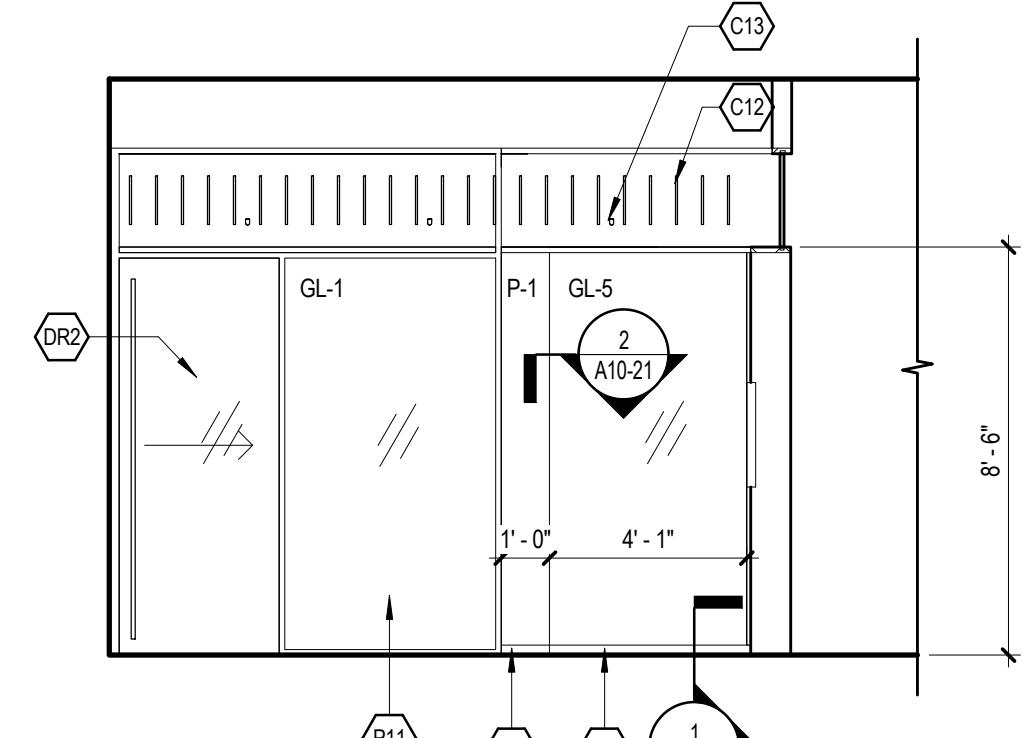
**1** ENLARGED PLAN - TEAM 234  
1/4" = 1'-0"



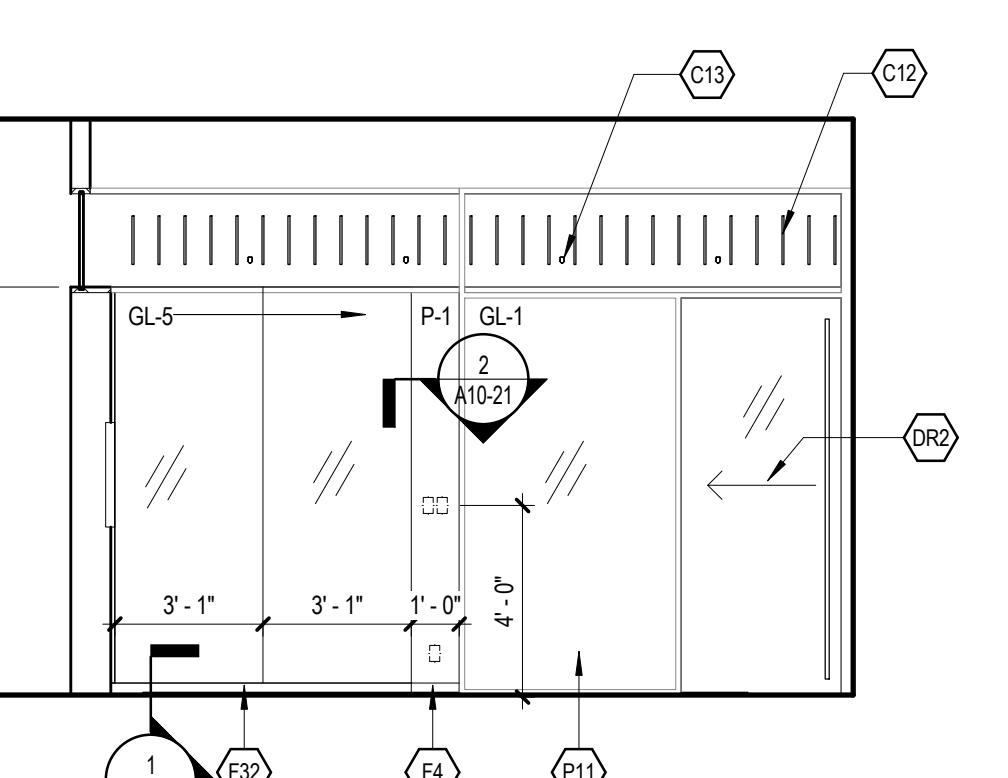
**12** TEAM 266 - EAST INTERIOR  
1/4" = 1'-0"



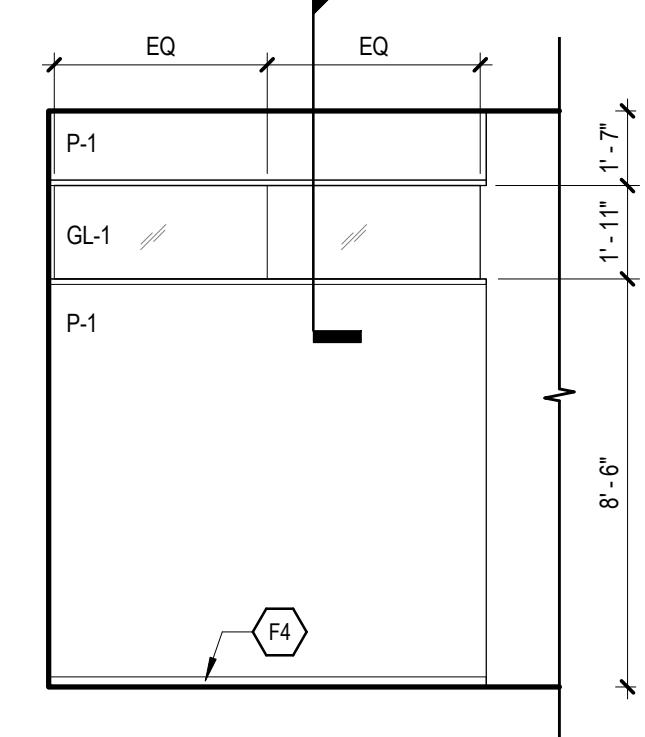
**8** TEAM 234 - WEST INTERIOR  
1/4" = 1'-0"



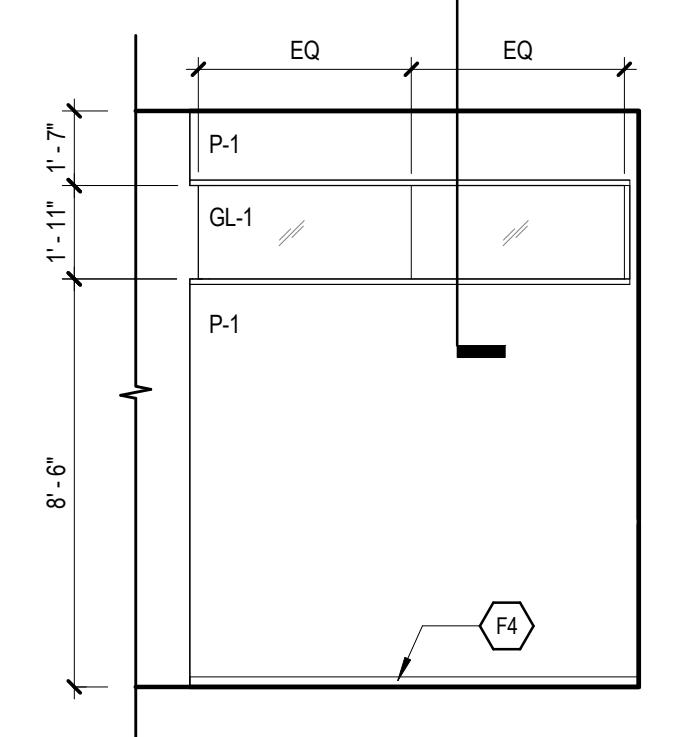
**11** TEAM 266 - NORTH INTERIOR  
1/4" = 1'-0"



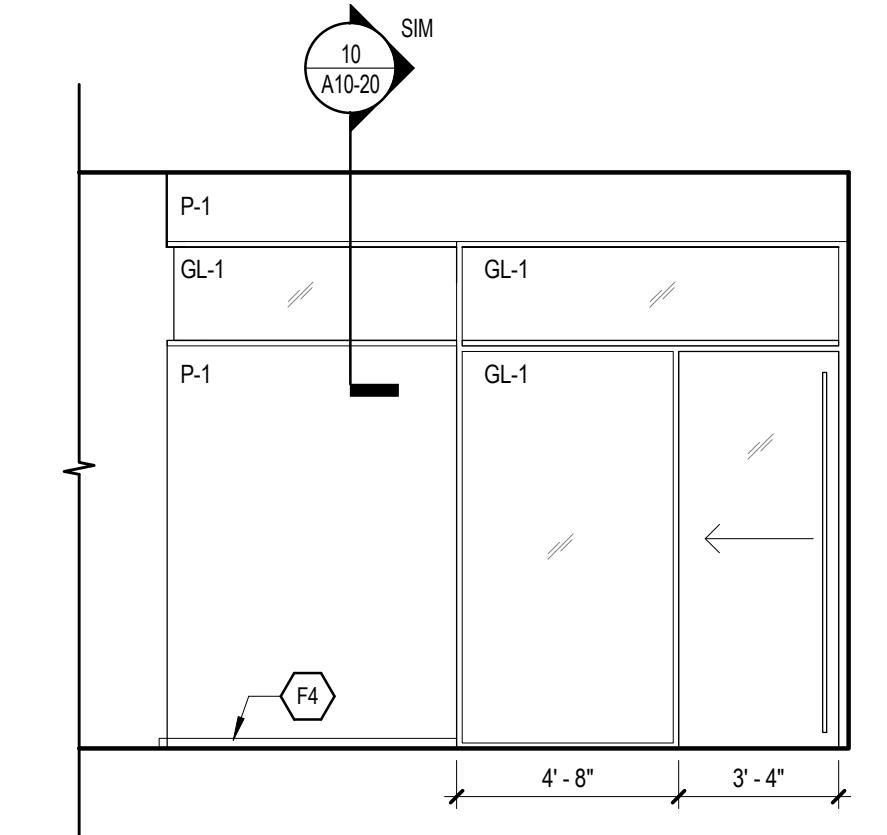
**7** TEAM 234 - NORTH INTERIOR  
1/4" = 1'-0"



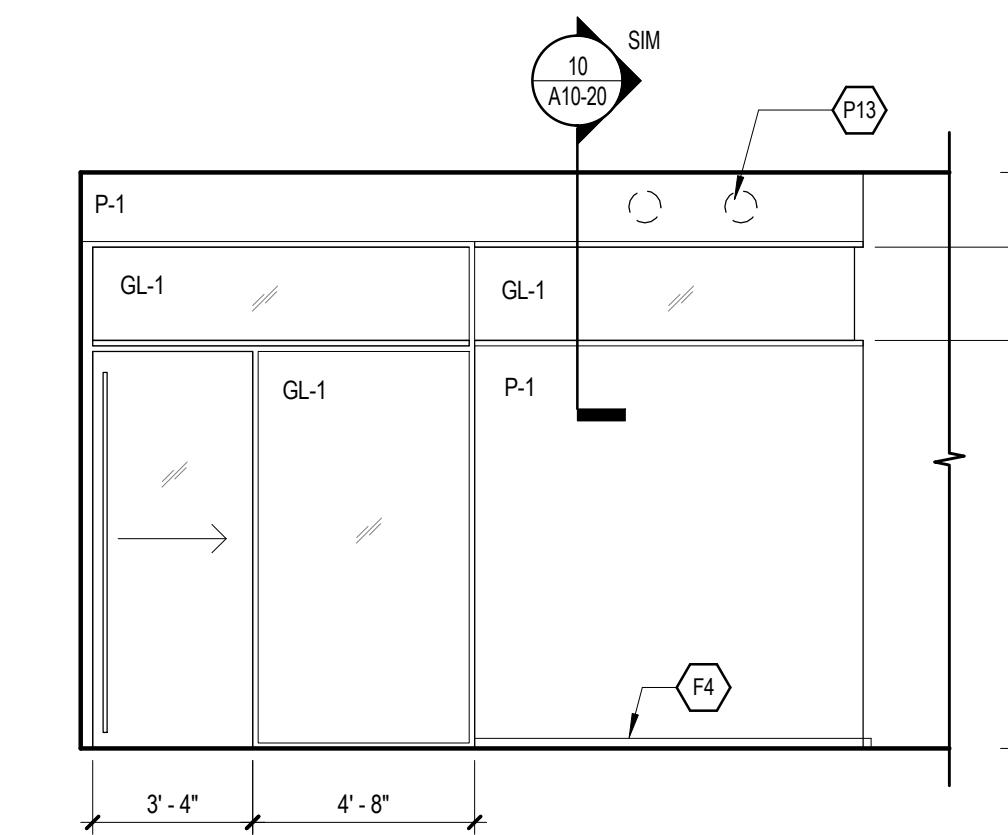
**10** TEAM 266 - EAST EXTERIOR  
1/4" = 1'-0"



**6** TEAM 234 - WEST EXTERIOR  
1/4" = 1'-0"



**9** TEAM 266 - NORTH EXTERIOR  
1/4" = 1'-0"



**5** TEAM 234 - NORTH EXTERIOR  
1/4" = 1'-0"

**SHEET LEGEND //**

W	WALL MOUNTED DUPLEX OUTLET • 18" AFF U.N.O.
V	WALL MOUNTED TELE / DATA OUTLET • 18" AFF U.N.O.
RS	SINGLE GANG RING AND STRING OUTLET FOR TELECOM, +18" AFF U.N.O.
TP	TENANT-INSTALLED AV CONTROL PANEL, +56" AFF U.N.O.
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FL	FLOOR MOUNTED TELE / DATA OUTLET
D	DEMOLITION FLOOR MOUNTED QUADRUPLE OUTLET
DL	DEMOLITION FLOOR MOUNTED TELE / DATA OUTLET
C	CEILING MOUNTED SPEAKER
IPCAM	CEILING MOUNTED CAMERA
CPW	CEILING MOUNTED WIRELESS ACCESS POINT
NIC	NIC
XXX	FLOOR FINISH MATERIAL TYPE
XXX	FLOOR FINISH MATERIAL NUMBER
XX	WALL FINISH DEDICATION
XX	EXTENT OF FINISH DEDICATION
XX	BASE FINISH DEDICATION
1	FLOOR FINISH MATERIAL PATTERN DIRECTION
ALIN	ALIGN
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CPT-2	CPT-2 (OFFICES, FULL PEBBLE), REFER TO FINISH SCHEDULE
CPT-3	CPT-3 (CORRIDOR, PARTIAL PEBBLE), REFER TO FINISH SCHEDULE
CPT-4	CPT-4 (OPEN AREA, LIGHT GREY), REFER TO FINISH SCHEDULE
CPT-5	CPT-5 (RECEPTION AREA RUG), REFER TO FINISH SCHEDULE
CPT-6	CPT-6 (TEAM AREA, BRIGHT BLUE), REFER TO FINISH SCHEDULE
R-1	R-1 (SUPPORT, GREY), REFER TO FINISH SCHEDULE
T-1	T-1 (EXECUTIVE RESTROOM, DARK GREY), REFER TO FINISH SCHEDULE
C-1	C-1 (SEALED CONCRETE), REFER TO FINISH SCHEDULE
C-2	C-2 (SEALED CONCRETE, STAINED), REFER TO FINISH SCHEDULE
WF-1	WF-1 (WOOD FLOOR), REFER TO FINISH SCHEDULE
FC	FELT CEILING FINISH

**KEY NOTES //**

C12	P-04 AVP-2 CEILING BAFFLES SUSPENDED FROM GYP BOARD CEILING, REFER TO PLAN FOR LENGTHS.
C13	OF BAFFLED LIGHT FIXTURE SUSPENDED BETWEEN ACUSTIC BAFFLES, ALIGN WITH BOTTOM OF BAFFLE.
DR2	SCHEDULED DOOR & HARDWARE
E04	SCHEDULED FLAT SCREEN DISPLAY IN 1/4" MTL-3 FRAME, PAINT CAVITY BEHIND SCREEN P-6.
F4	RUBBER BASE, RB-1
F11	CPT TILE AREA RUG INSTALLED OVER SCHEDULED FLOOR FINISH
F26	MULTI LEVEL CREDITS WITH 1/4" MTL-3 SURROUND & BASE, WTL-3" AGENT, PL-3 CABINETS, TRASH DRAWER & APPLIED TRASH DRAWER SIGNAGE, REFER TO SHEET A10-25 FOR DETAILS.
F31	WD-5 FULL EXTENT OF ROOM WITH CARPET TILE AREA RUG INSERT INTO WOOD.
F32	FLUSH WOOD BASE, WB-1
F35	MATERIAL SEAM IN THIS LOCATION
P11	ALUMINUM FRAMED GLASS PARTITION & CLERESTORY
P17	DEMOUNTABLE PARTITION - BASIS OF DESIGN - DIVIDE
P19	GLASS WALL WITH RECESSED GLAZING CHANNEL HEADER AND SURFACE MOUNTED SILL GLAZING CHANNEL
PC2	PROVIDE POR-THRU DEVICE FOR POWER/DATA, WIREMOLD RC7 SERIES OR SIMILAR BASED ON ELECTRICAL ENGINEER SPECIFICATION. COORDINATE WITH FURNITURE.



ISSUED FOR PERMIT/ID	05/28/15
90% CONSTRUCTION DOCUMENTS	05/01/15
75% CONSTRUCTION DOCUMENTS	05/01/15
MARK	ISSUE DATE
Job Number	860424.000
Drawn	DS/JR
Checked	JP
Approved	RL
TITLE	

**ENLARGED PLANS &  
ELEVATIONS - TEAM  
ROOM & CONFERENCE**

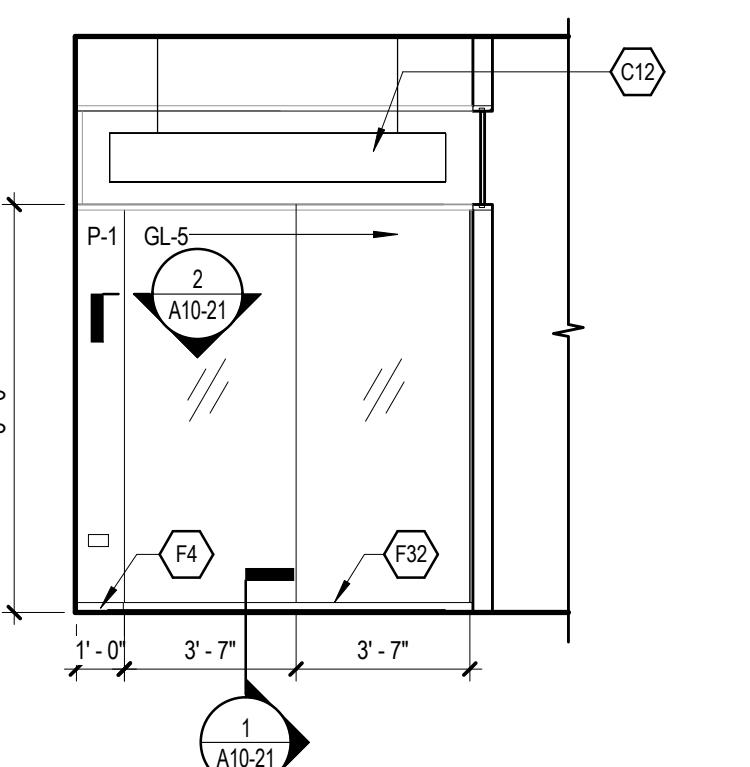
SHEET NUMBER

**A10-06**

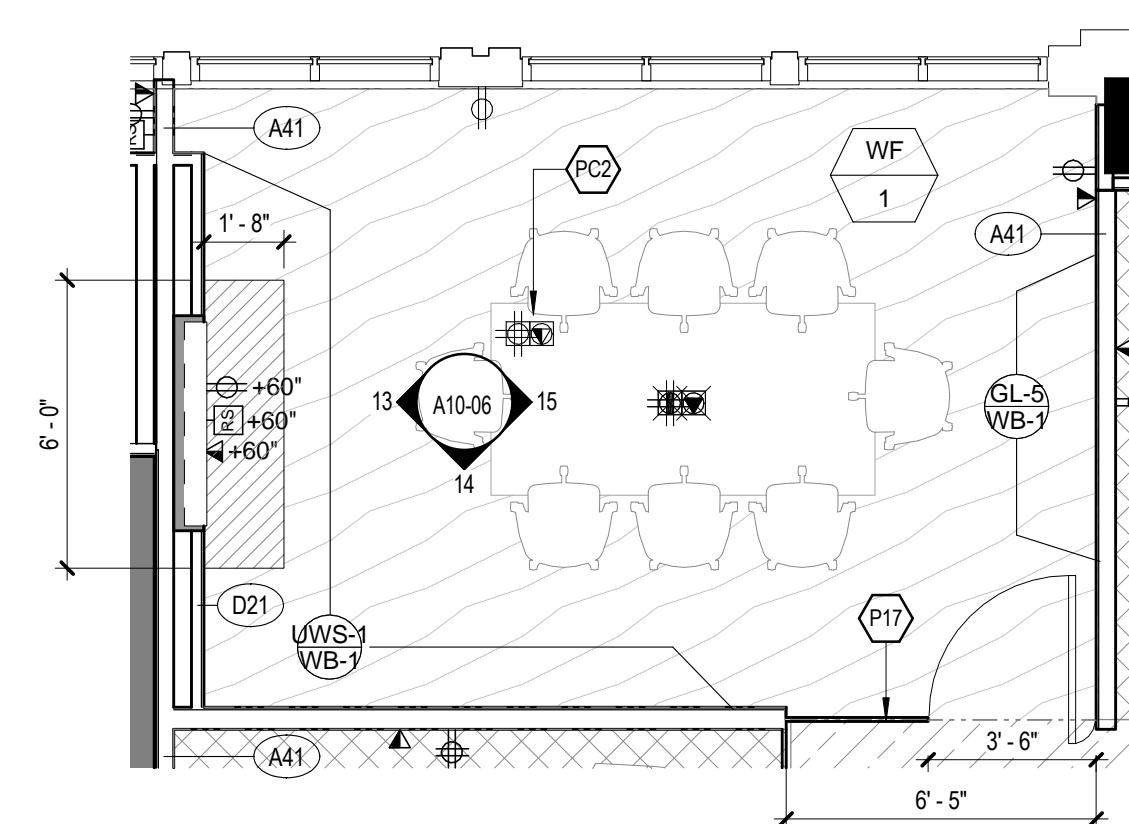
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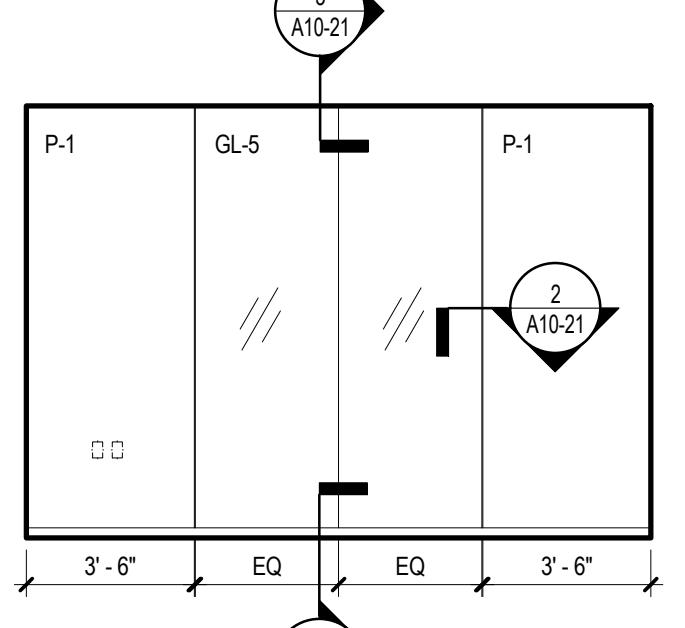
⑫ CONFERENCE 205 - WEST  
1/4" = 1'-0"



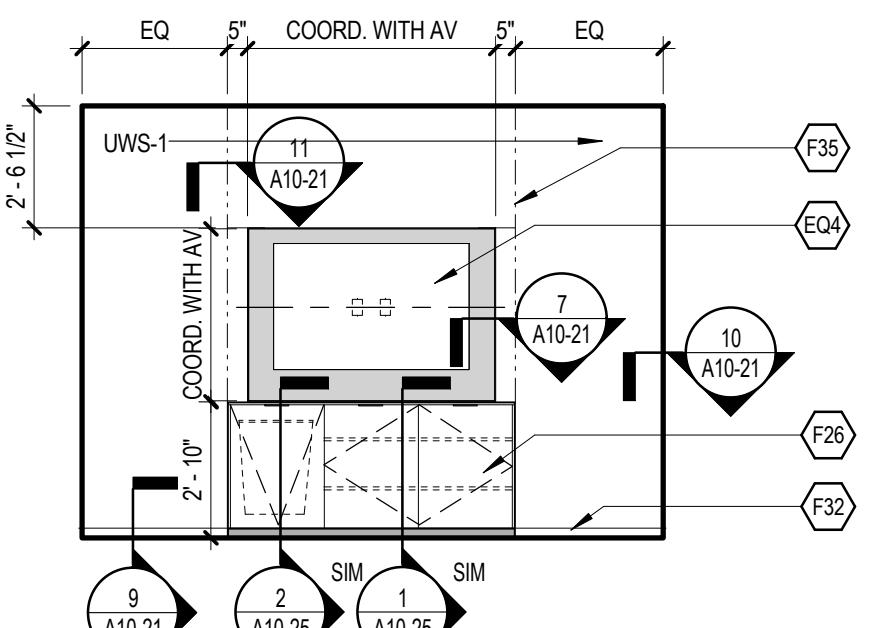
⑧ TEAM 278 - EAST  
1/4" = 1'-0"



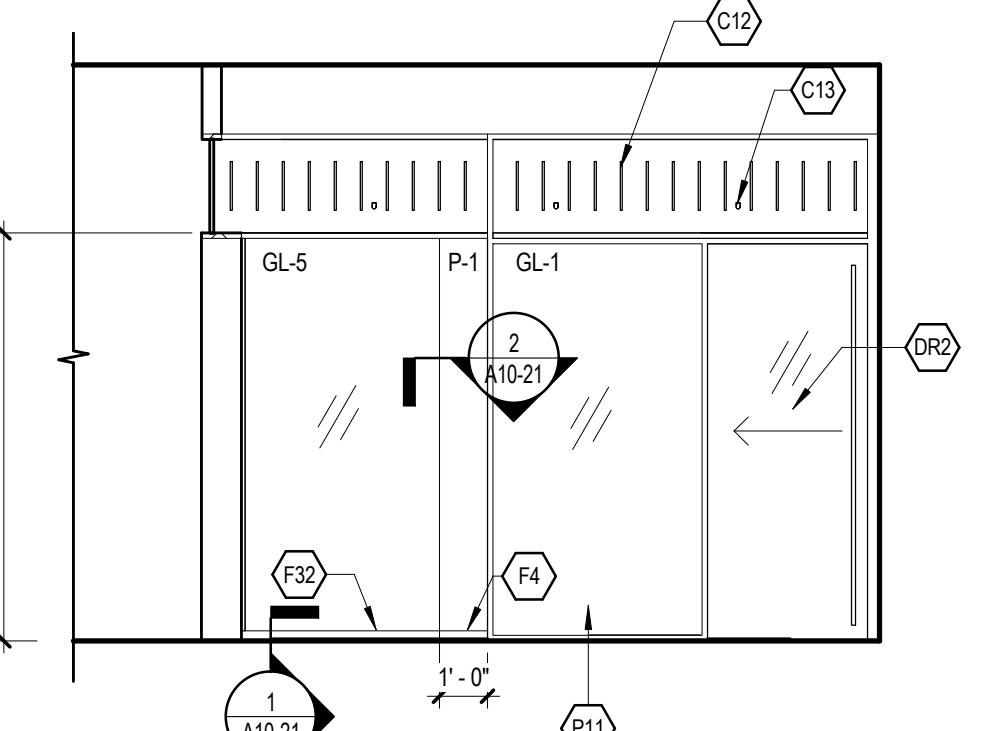
④ ENLARGED PLAN - CONFERENCE 211  
1/4" = 1'-0"



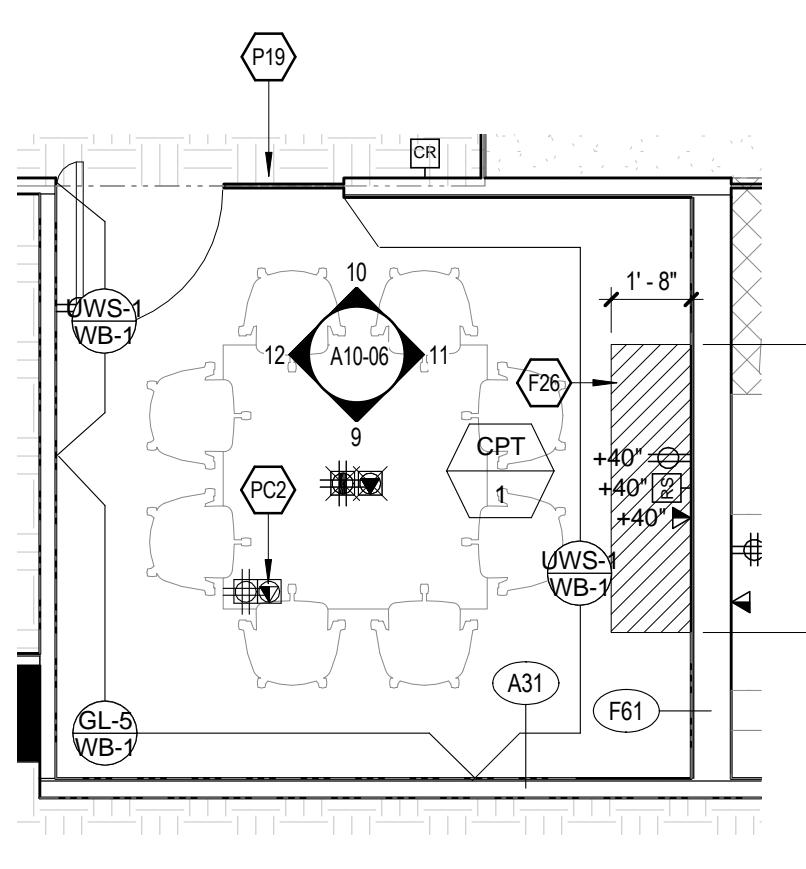
⑯ CONFERENCE 211 - EAST  
1/4" = 1'-0"



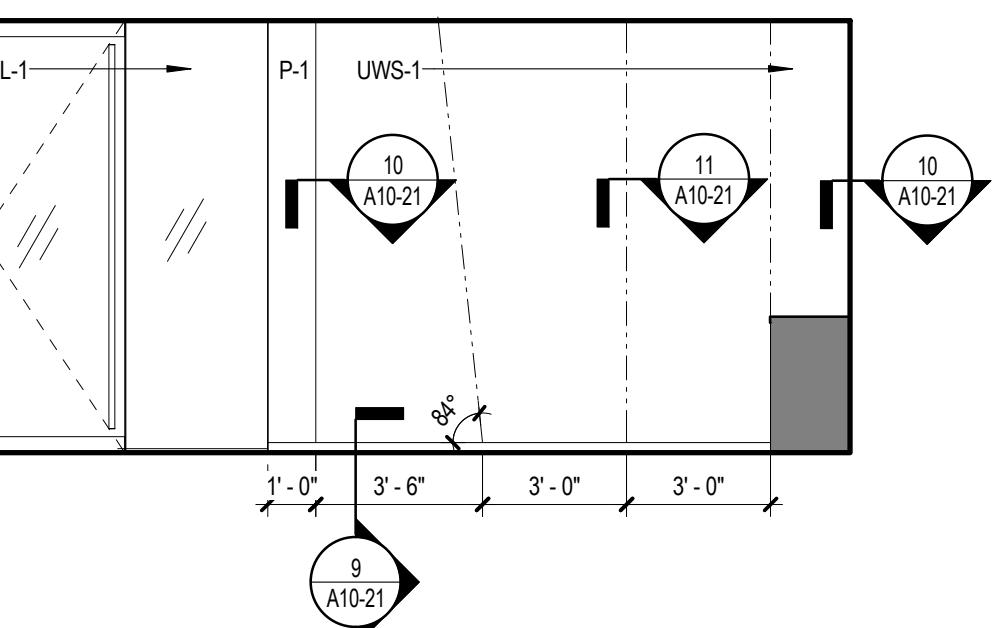
⑪ CONFERENCE 205 - EAST  
1/4" = 1'-0"



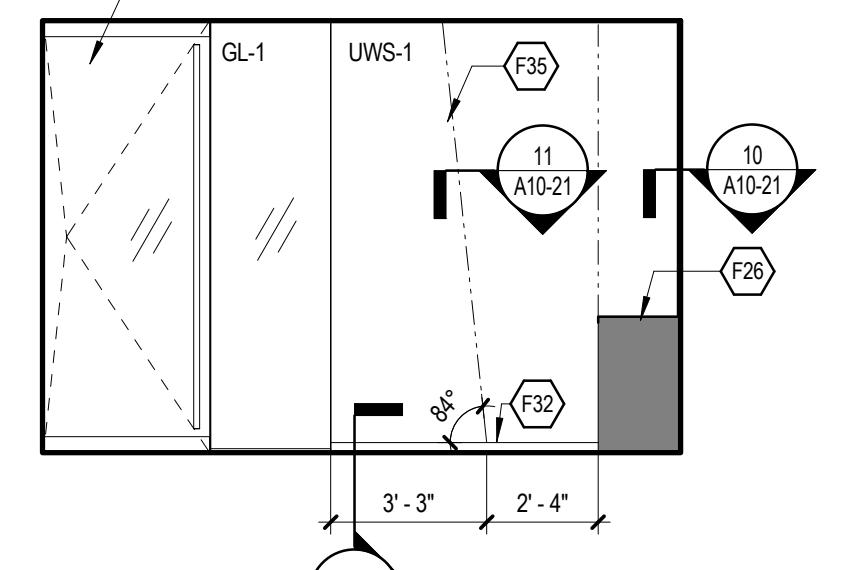
⑦ TEAM 278 - SOUTH INTERIOR  
1/4" = 1'-0"



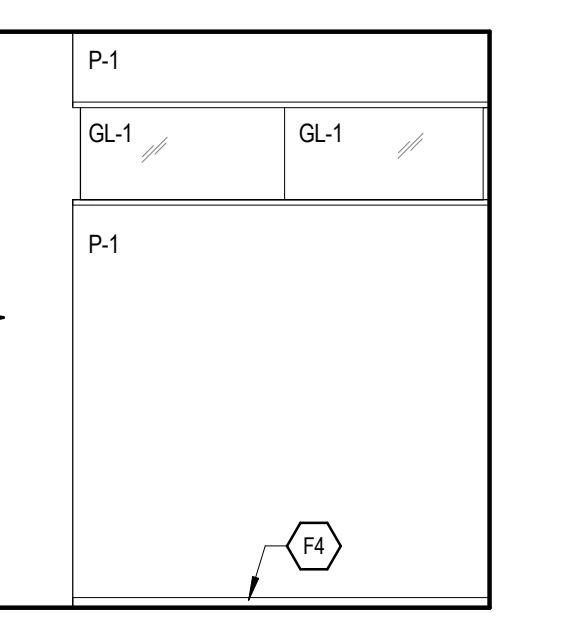
③ ENLARGED PLAN - CONFERENCE 205  
1/4" = 1'-0"



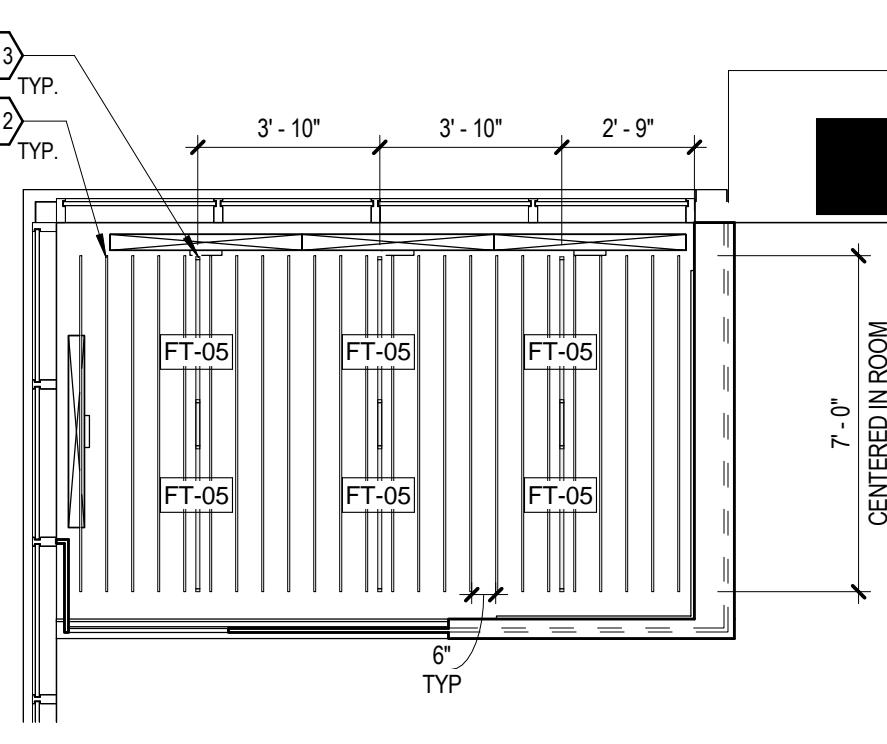
⑯ CONFERENCE 211 - SOUTH  
1/4" = 1'-0"



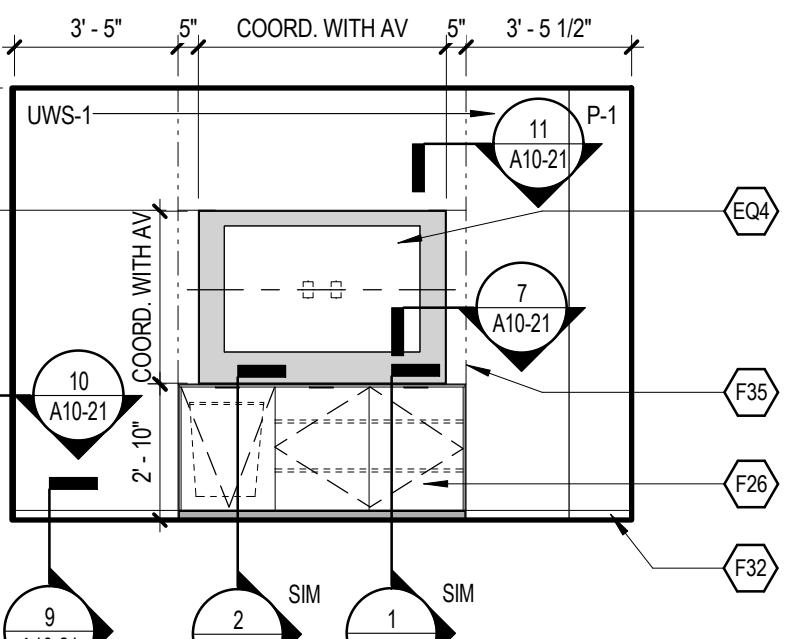
⑩ CONFERENCE 205 - NORTH  
1/4" = 1'-0"



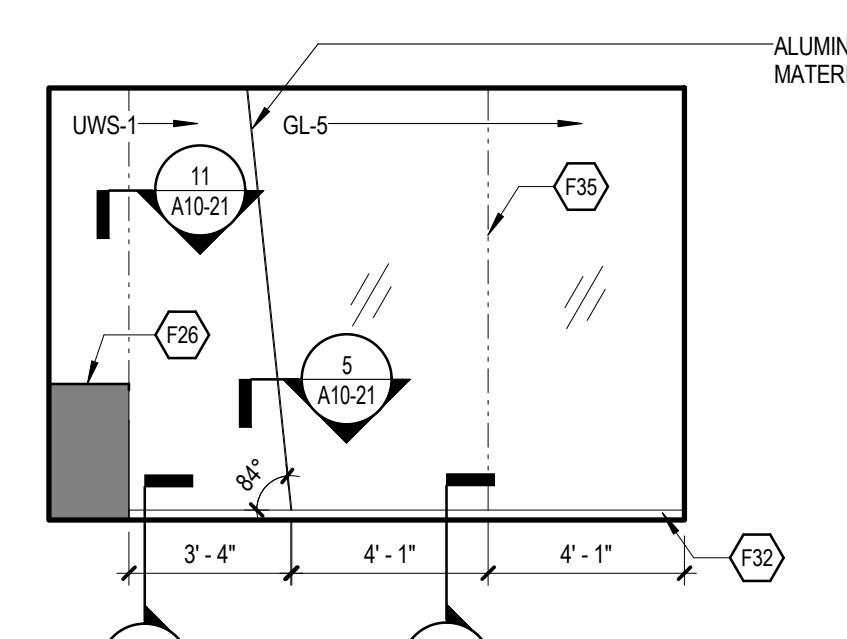
⑥ TEAM 278 - EAST EXTERIOR  
1/4" = 1'-0"



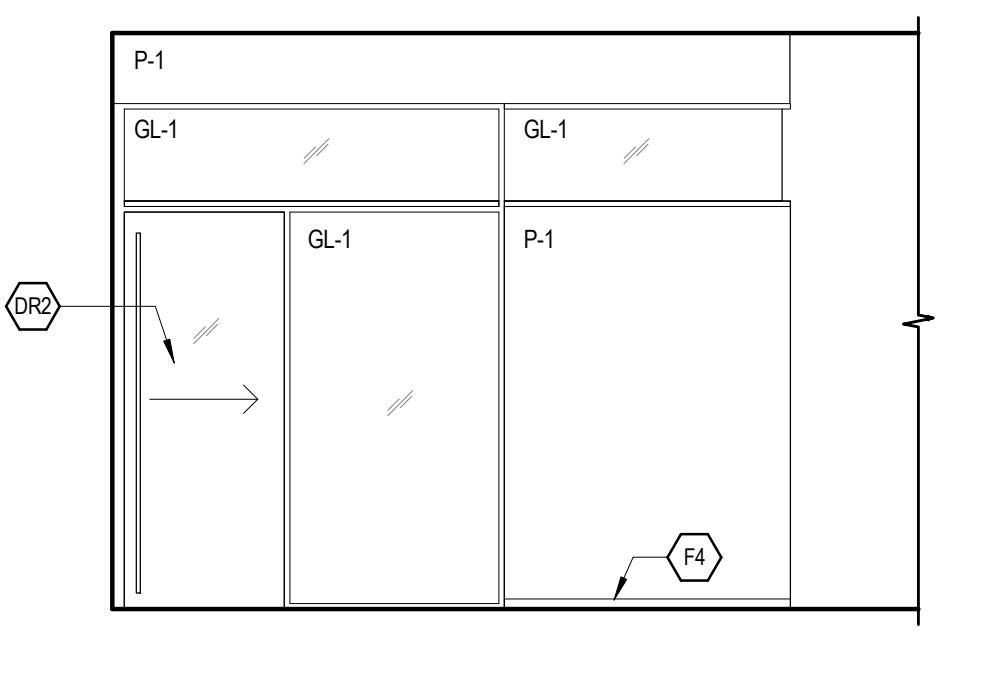
② ENLARGED RCP - TEAM 278  
1/4" = 1'-0"



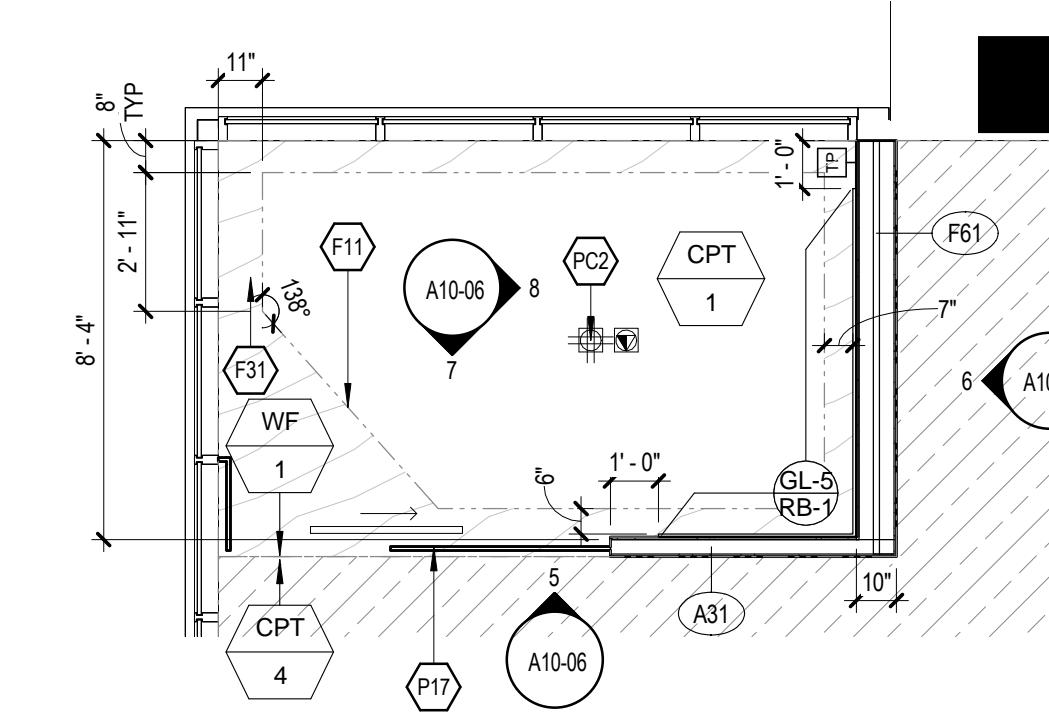
⑯ CONFERENCE 211 - WEST  
1/4" = 1'-0"



⑨ CONFERENCE 205 - SOUTH  
1/4" = 1'-0"

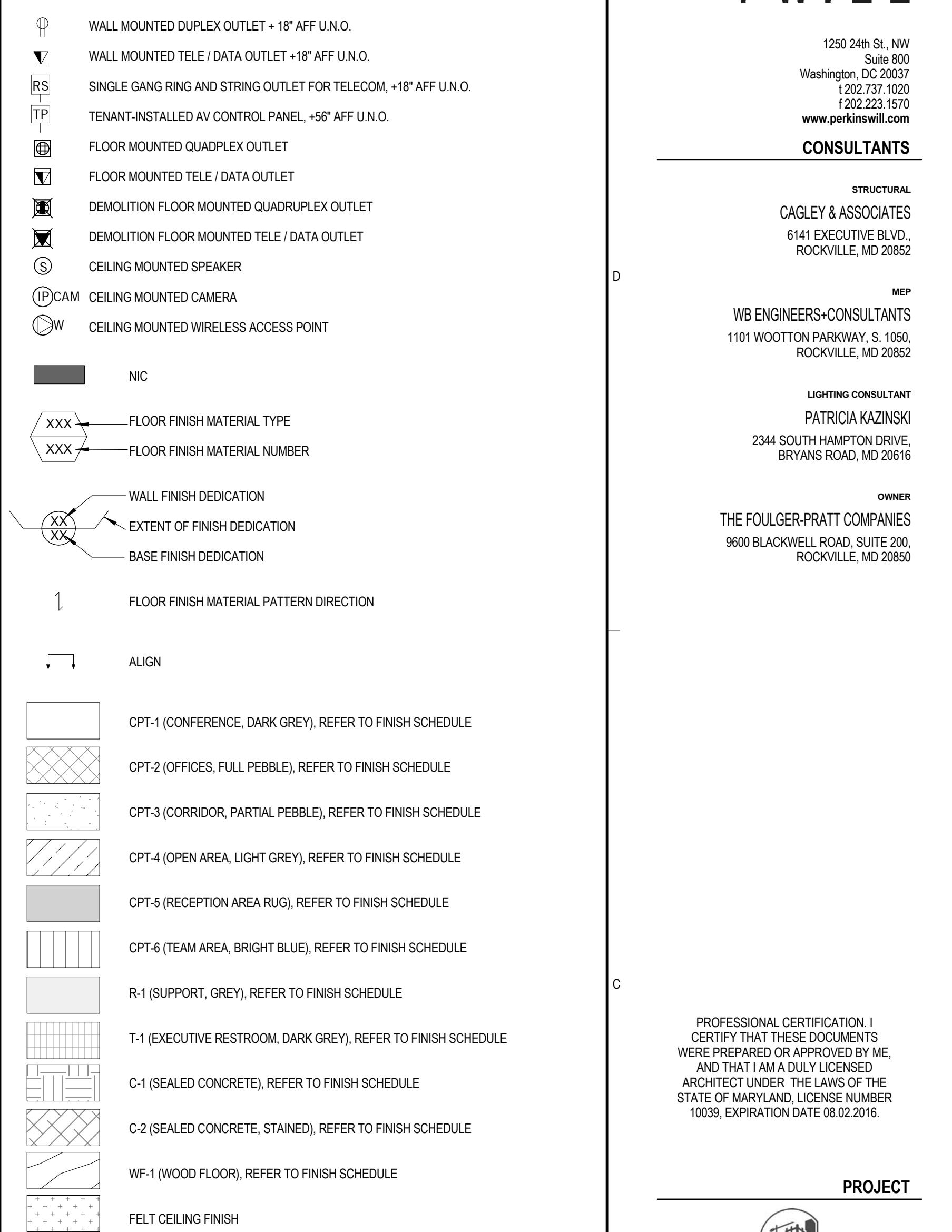


⑤ TEAM 278 - SOUTH EXTERIOR  
1/4" = 1'-0"



① ENLARGED PLAN - TEAM 278  
1/4" = 1'-0"

## SHEET LEGEND //



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ARCHITECT UNDER THE LAWS OF THE  
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## PROJECT

FOULGER-PRATT

FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

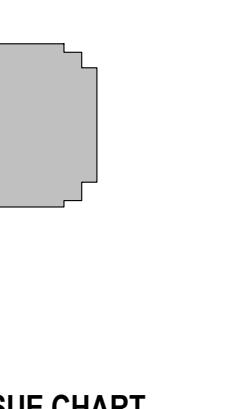
## KEY NOTES //

F02 SCHEDULED DOOR & HARDWARE
F4 RUBBER BASE, RB-1
F14 EXTEND FLOOR FINISH INTO MILLWORK BASE CABINET AT SINK LOCATION
F42 PL3 COUNTERTOP WITH MTL-1 ANGLE EDGE
L1 UNDERCABINET LIGHT FT-04 (TYP)

## GENERAL NOTES //

- PLUMBING FIXTURES COMPLY WITH ADA 2010.
- 213.3.4 LAVATORIES WHERE LAVATORIES ARE PROVIDED, AT LEAST ONE SHALL COMPLY WITH 603.3.1 MIRRORS WHERE MIRRORS ARE PROVIDED, AT LEAST ONE SHALL COMPLY WITH 213.3.5.
- 213.3.7 COAT HOOKS AND SHELVES, WHERE COAT HOOKS AND SHELVES ARE PROVIDED IN TOILET ROOMS WITHOUT TOILET COMPARTMENTS, AT LEAST ONE OF EACH TYPE SHALL COMPLY WITH 603.4.

## KEYPLAN



## ISSUE CHART

ISSUED FOR PERMIT/BID	05/28/15
90% CONSTRUCTION DOCUMENTS	05/19/15
75% CONSTRUCTION DOCUMENTS	05/01/15
DESIGN DEVELOPMENT	03/06/15
MARK	ISSUE DATE

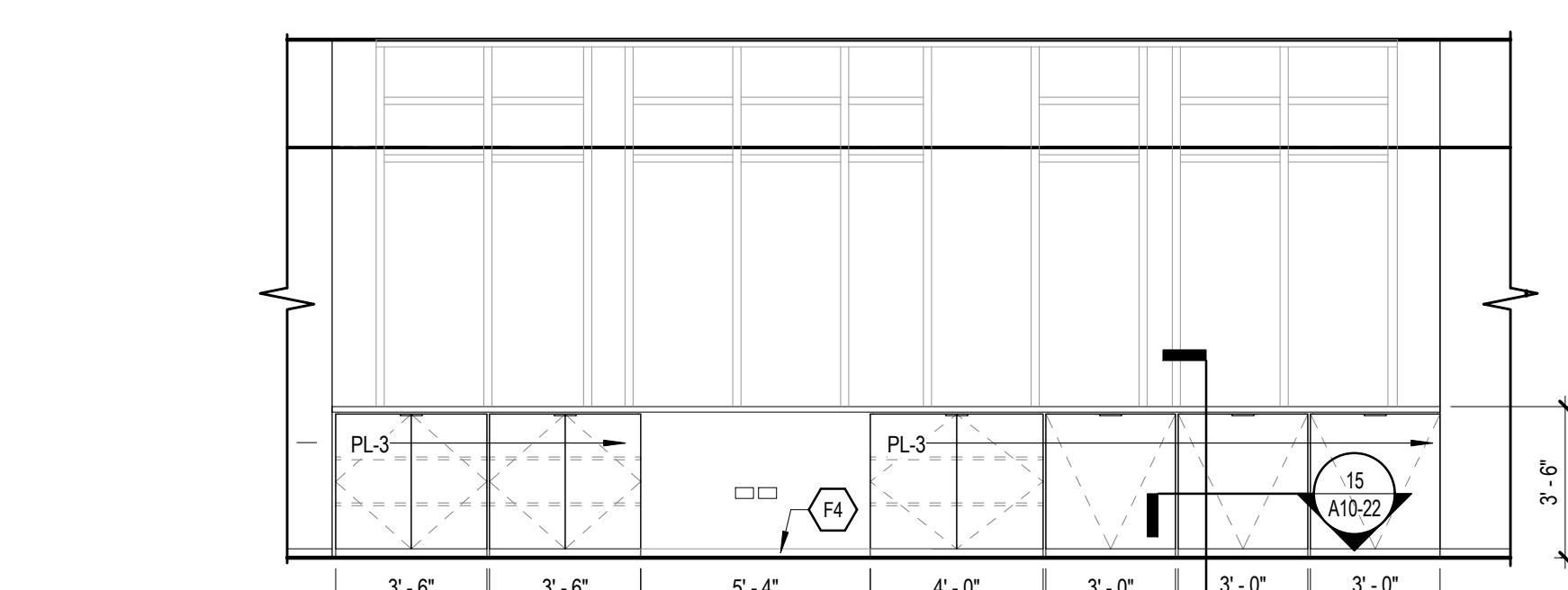
Job Number 860424.0000  
Drawn DS/JR  
Checked JP  
Approved RL

## TITLE

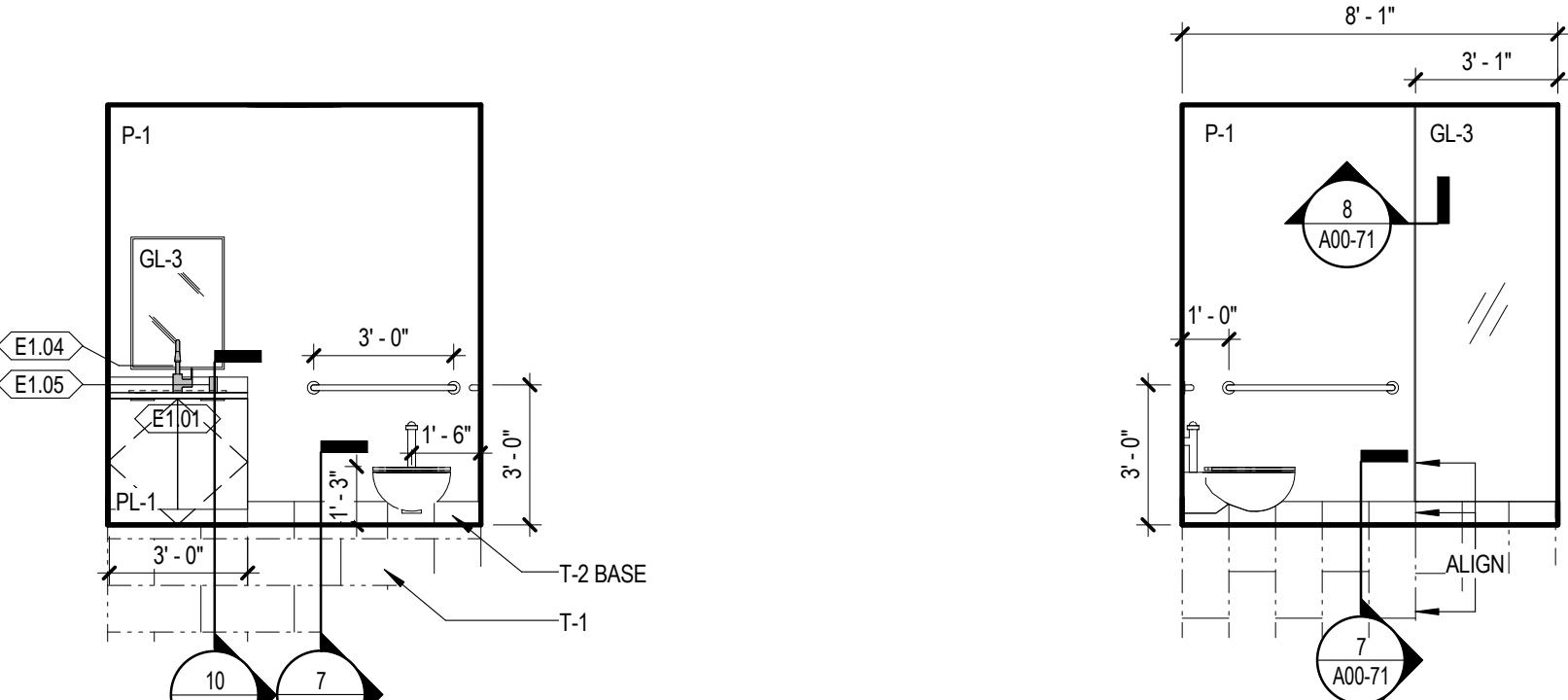
ENLARGED PLANS &  
ELEVATIONS -  
SUPPORT

## SHEET NUMBER

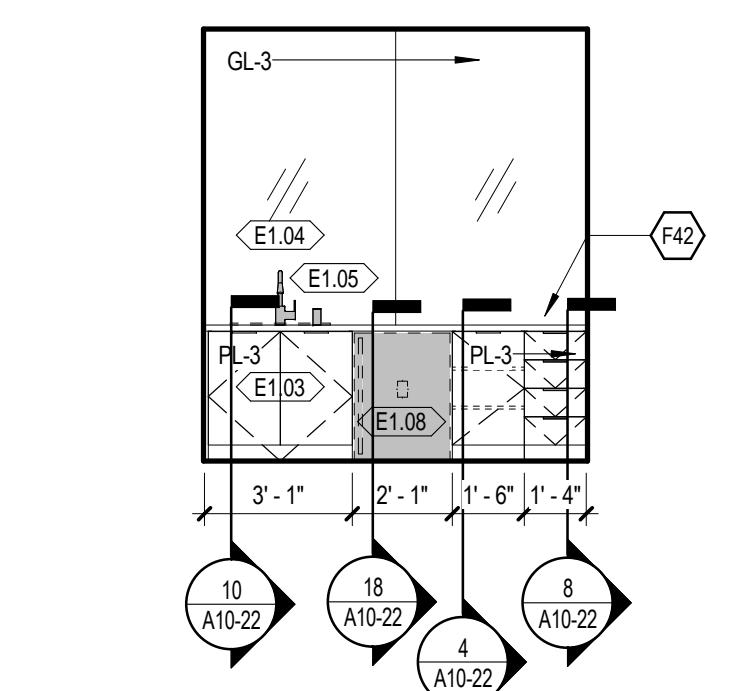
A10-07



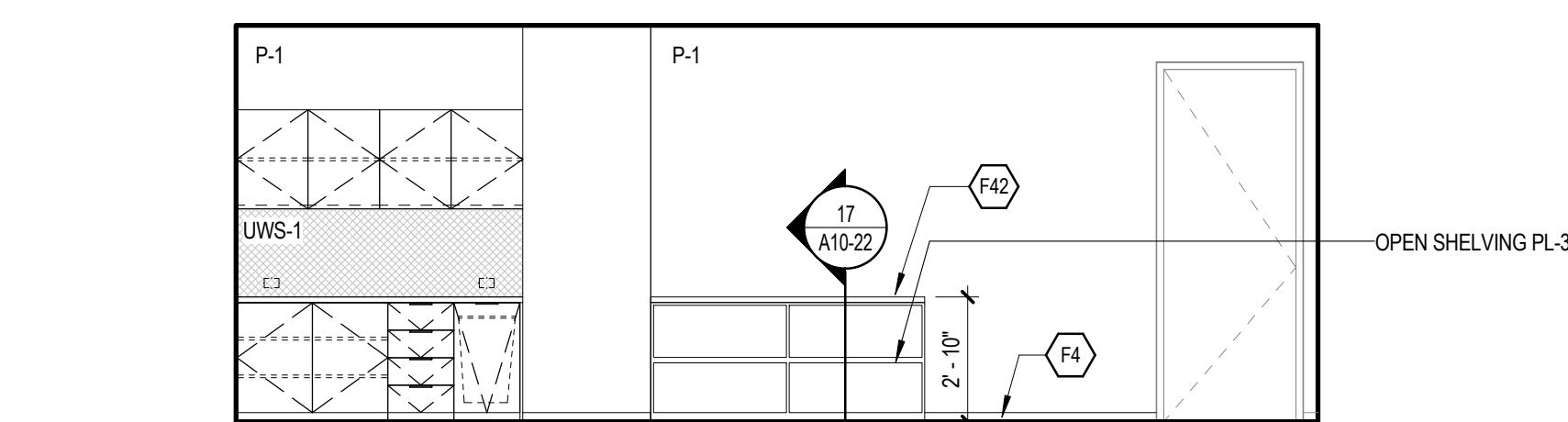
⑬ ELEVATION - WORK COUNTER IN OPEN AREA 240  
1/4" = 1'-0"



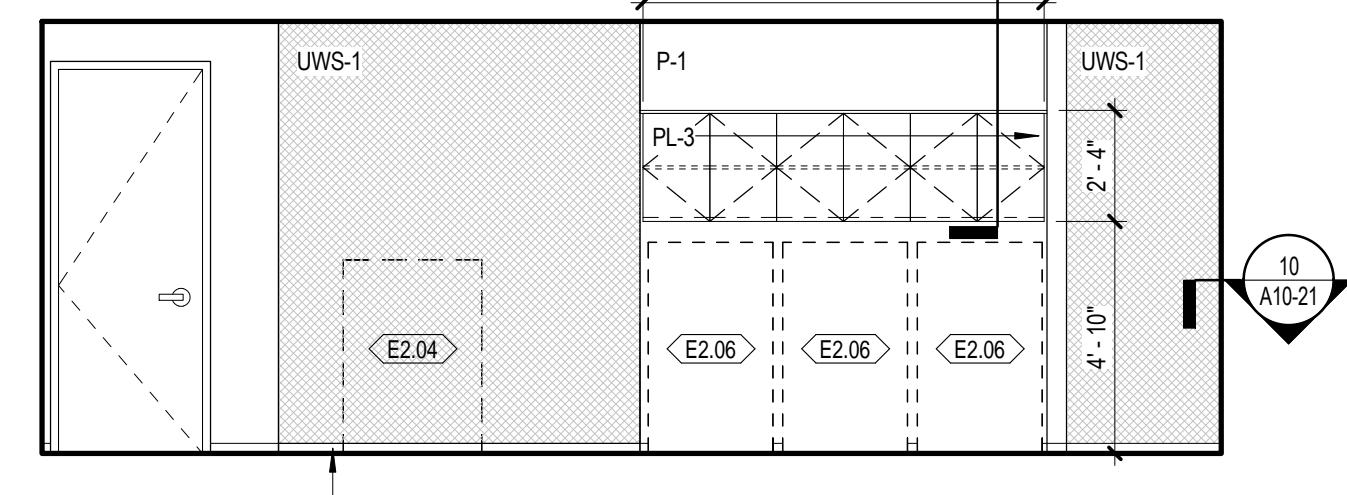
⑫ EXEC. RESTROOM - SOUTH  
1/4" = 1'-0"



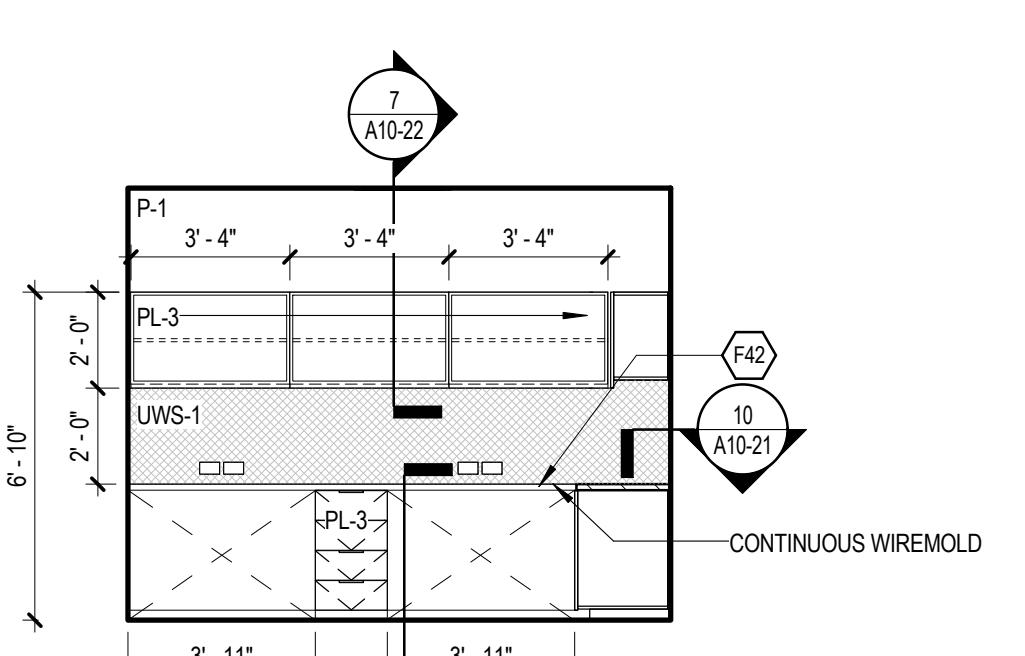
⑩ WELLNESS ROOM - SOUTH  
1/4" = 1'-0"



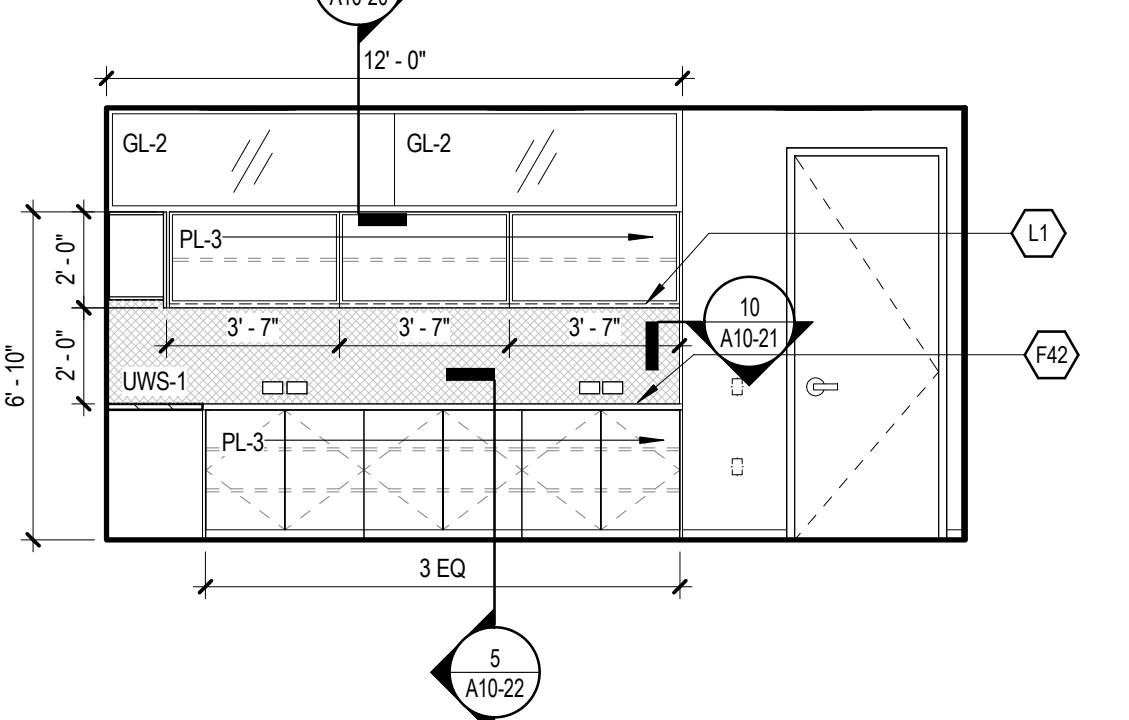
⑨ PRODUCTION ROOM - EAST  
1/4" = 1'-0"



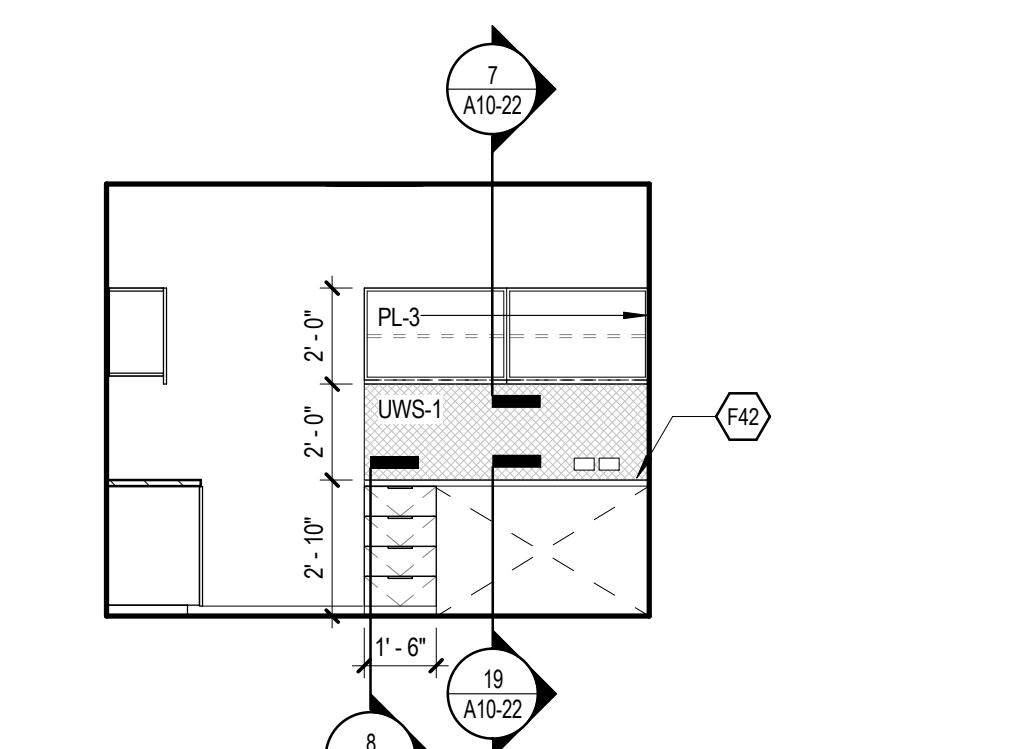
⑧ PRODUCTION ROOM - WEST  
1/4" = 1'-0"



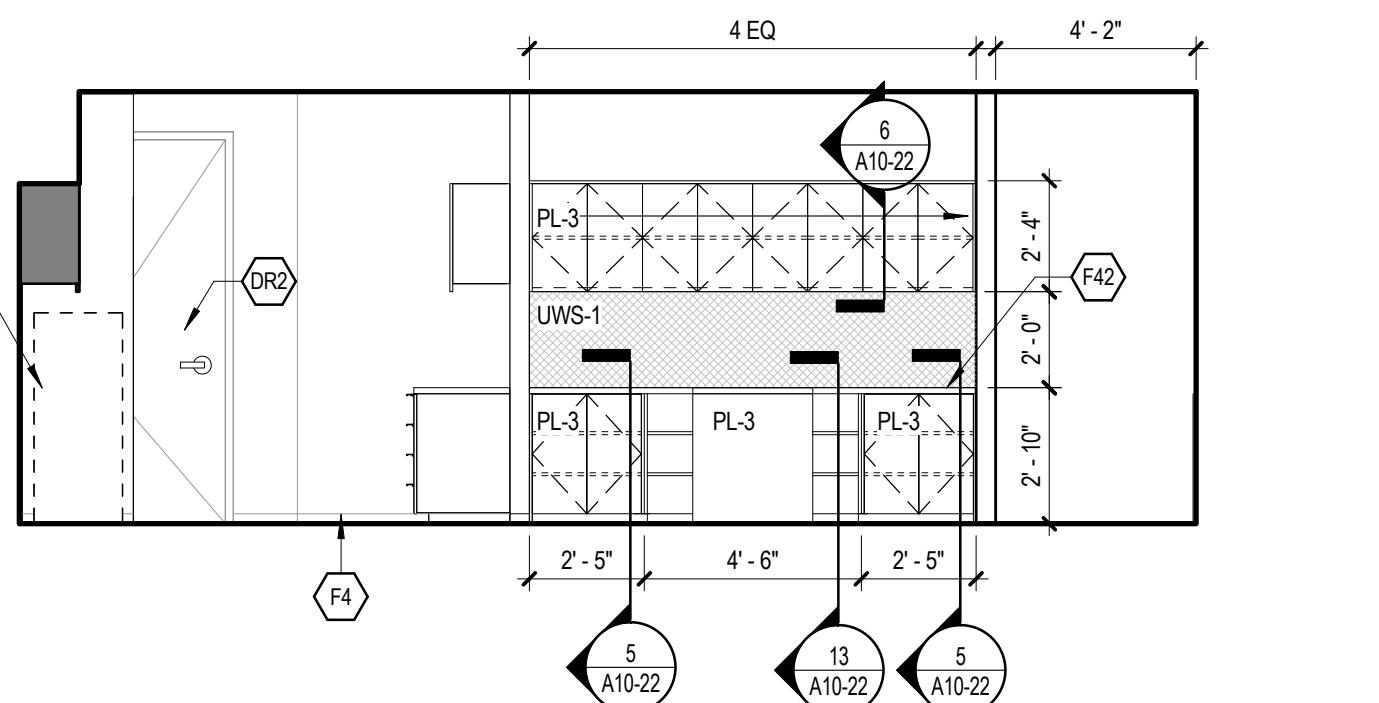
⑦ IT WORK ROOM - SOUTH  
1/4" = 1'-0"



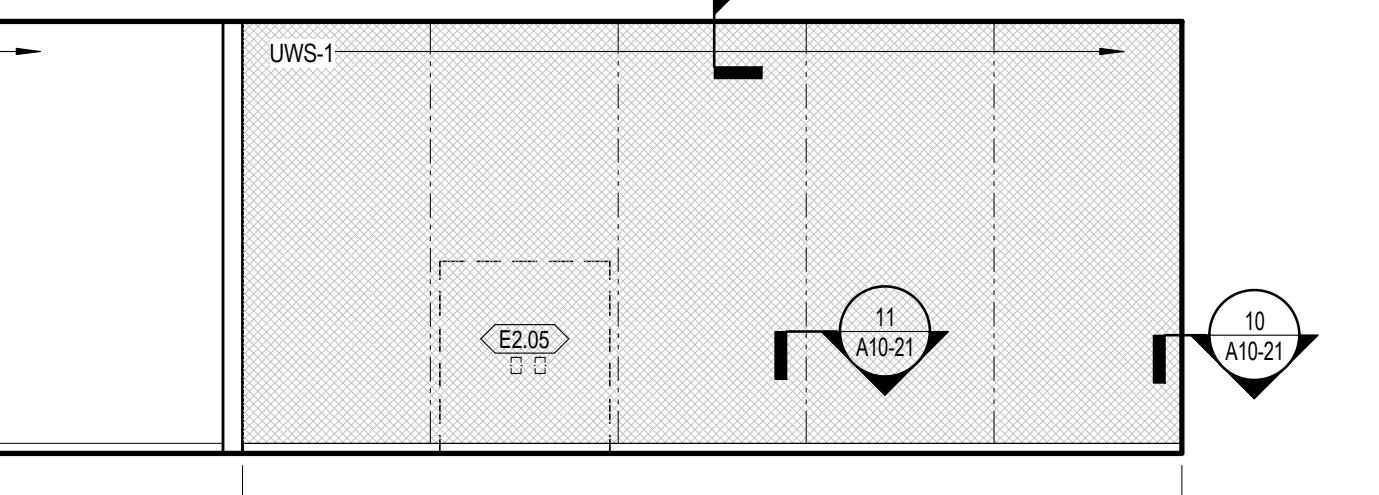
⑪ IT WORK ROOM - WEST  
1/4" = 1'-0"



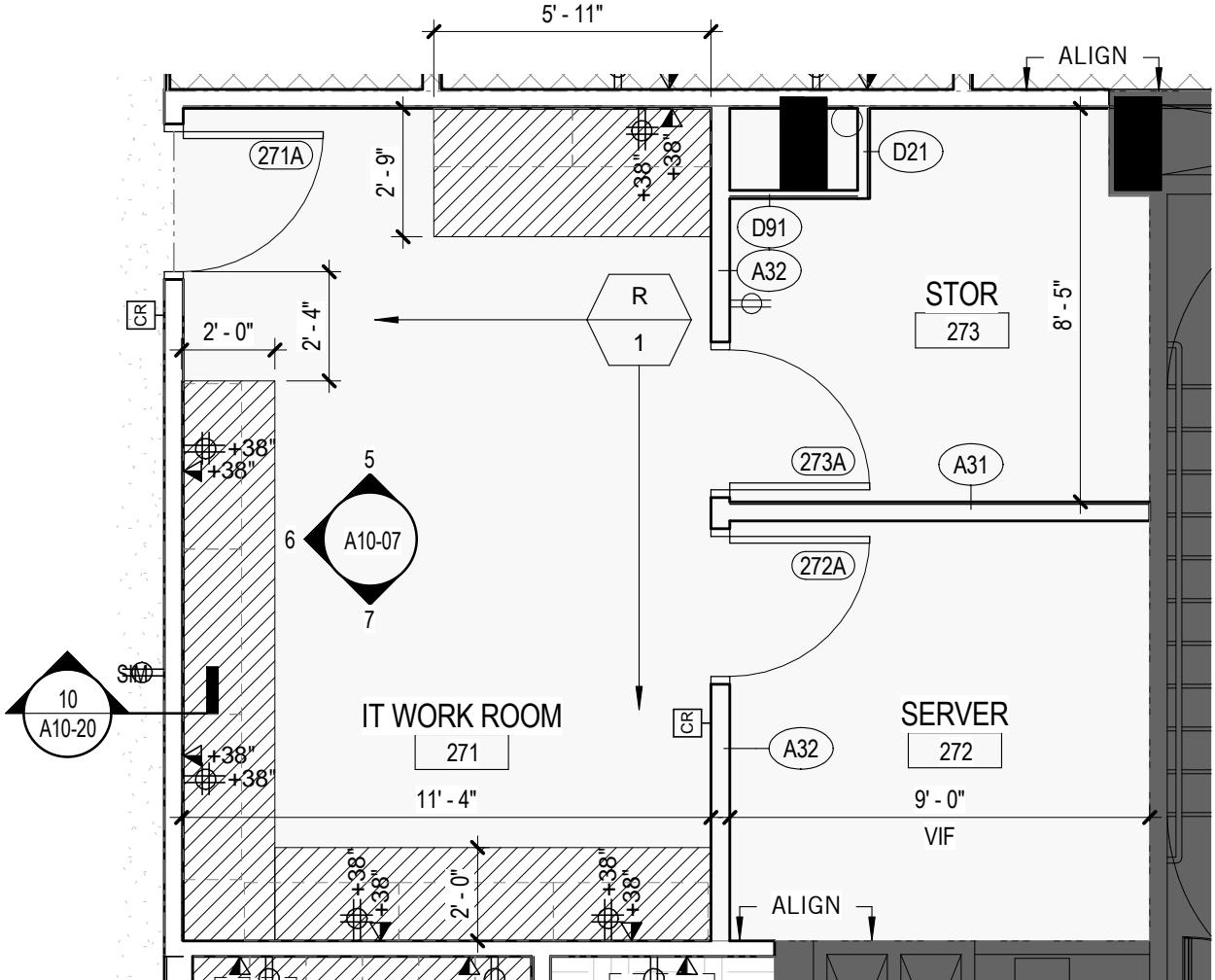
⑤ IT WORK ROOM - NORTH  
1/4" = 1'-0"



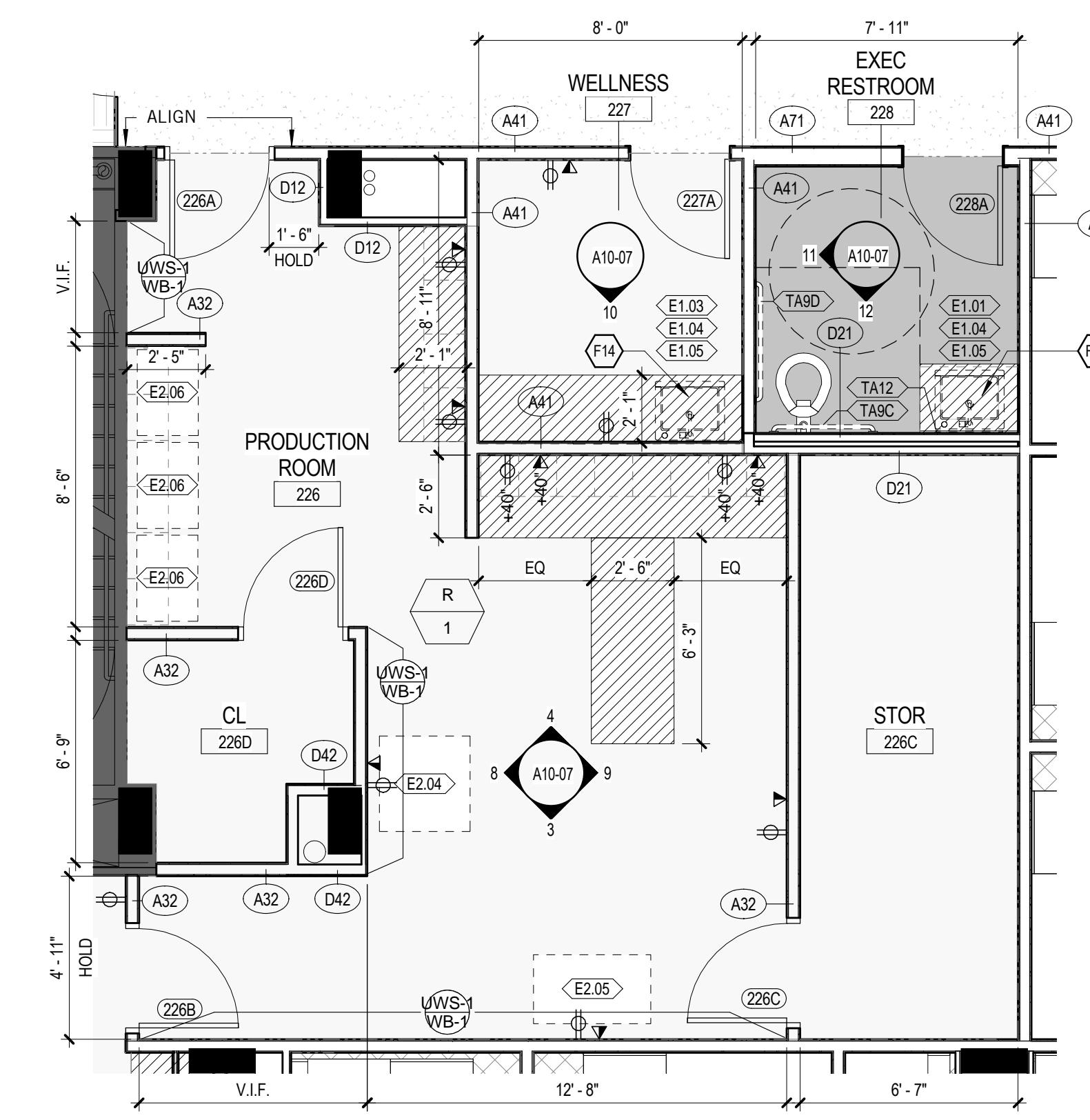
④ PRODUCTION ROOM - NORTH  
1/4" = 1'-0"



③ PRODUCTION ROOM - SOUTH  
1/4" = 1'-0"



② ENLARGED PLAN - IT WORK ROOM 271  
1/4" = 1'-0"

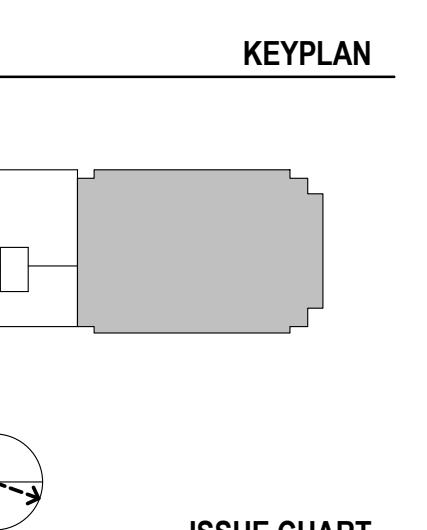


① ENLARGED PLAN - PRODUCTION ROOM 226  
1/4" = 1'-0"

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1009, EXPIRATION DATE 08.02.2016.

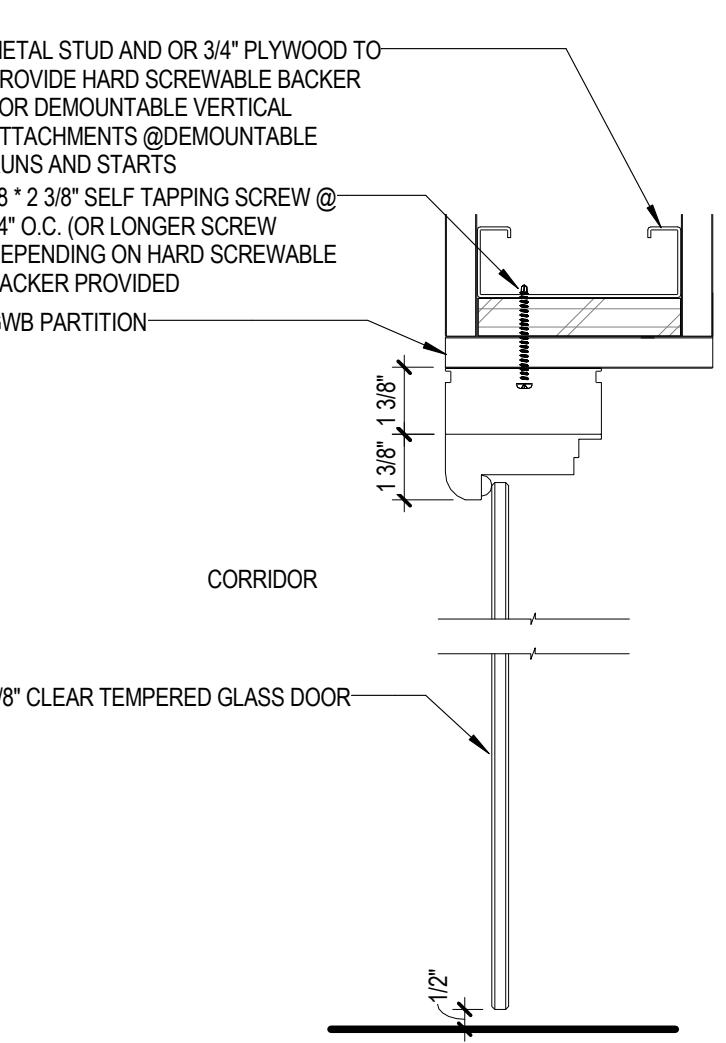
PROJECT  
**FOULGER-PRATT**

FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

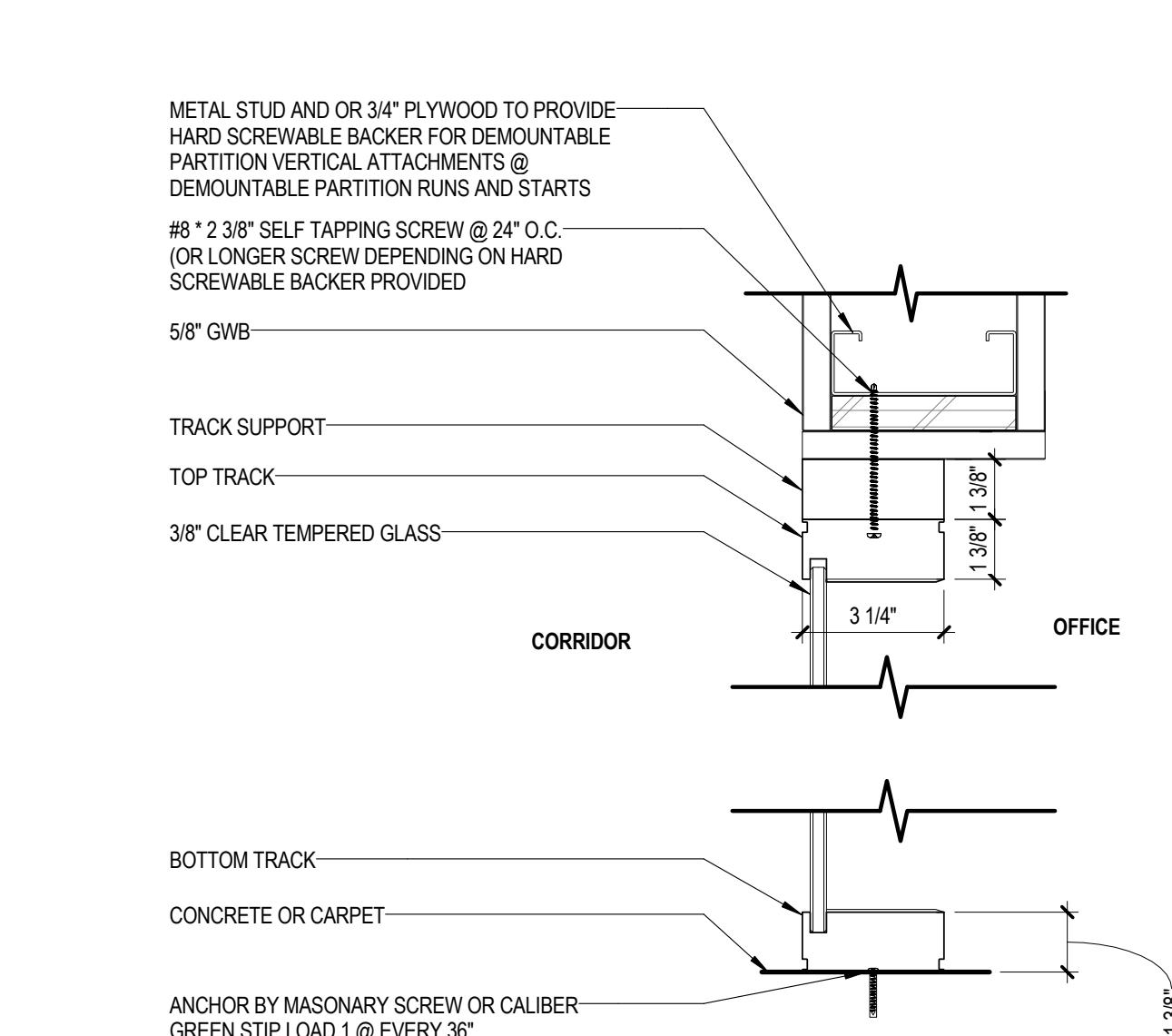


**KEY NOTES //**

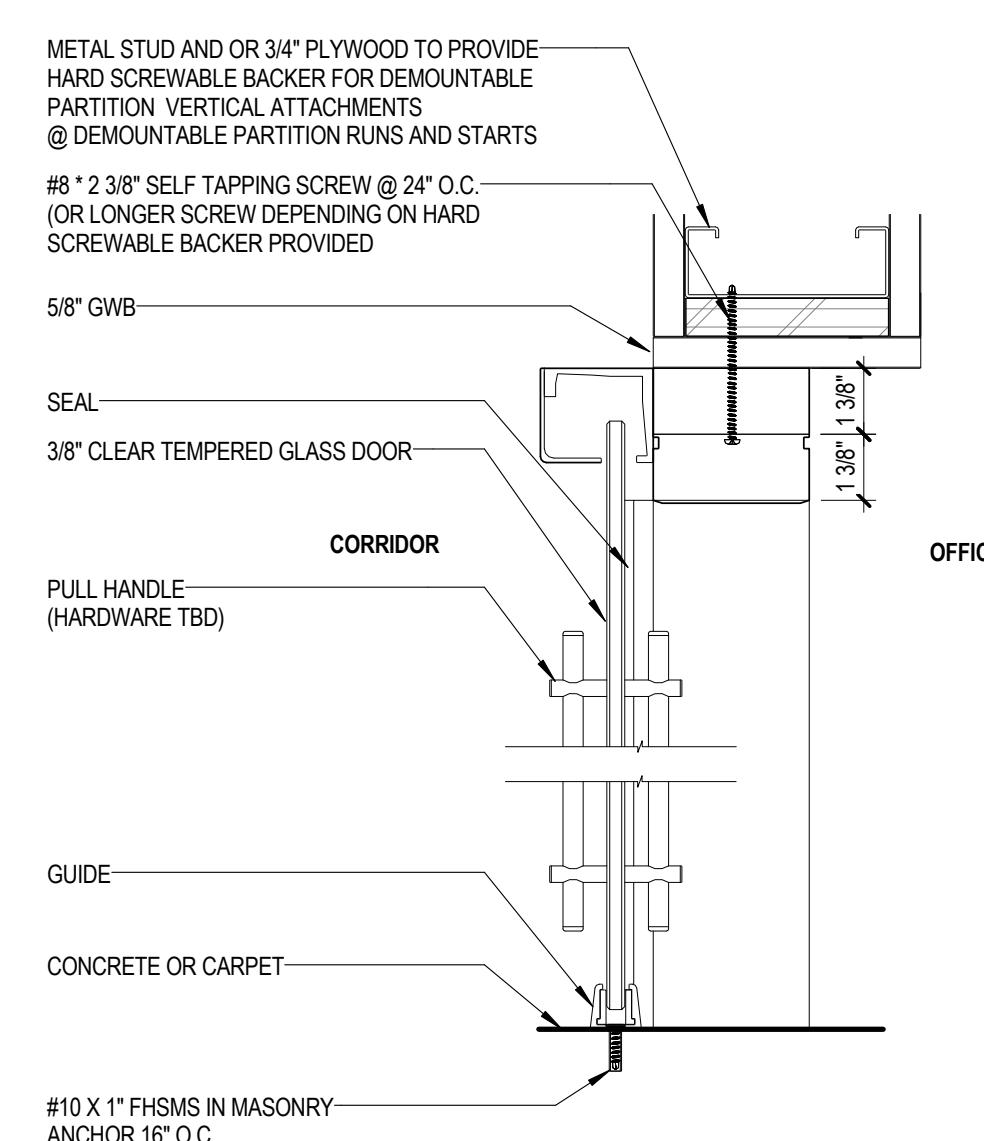
P13	COORDINATE DUCT PENETRATION IN GWB BULKHEAD
P14	FACE OF GWB TO ALIGN WITH FRAMING OF DEMOUNTABLE PARTITION SYSTEM.
P15	RETURN AIR SLOT, PAINT SLOT AND EXPOSED FRAMING P-6. SEE MECHANICAL FOR REQUIRED FREE AREA.



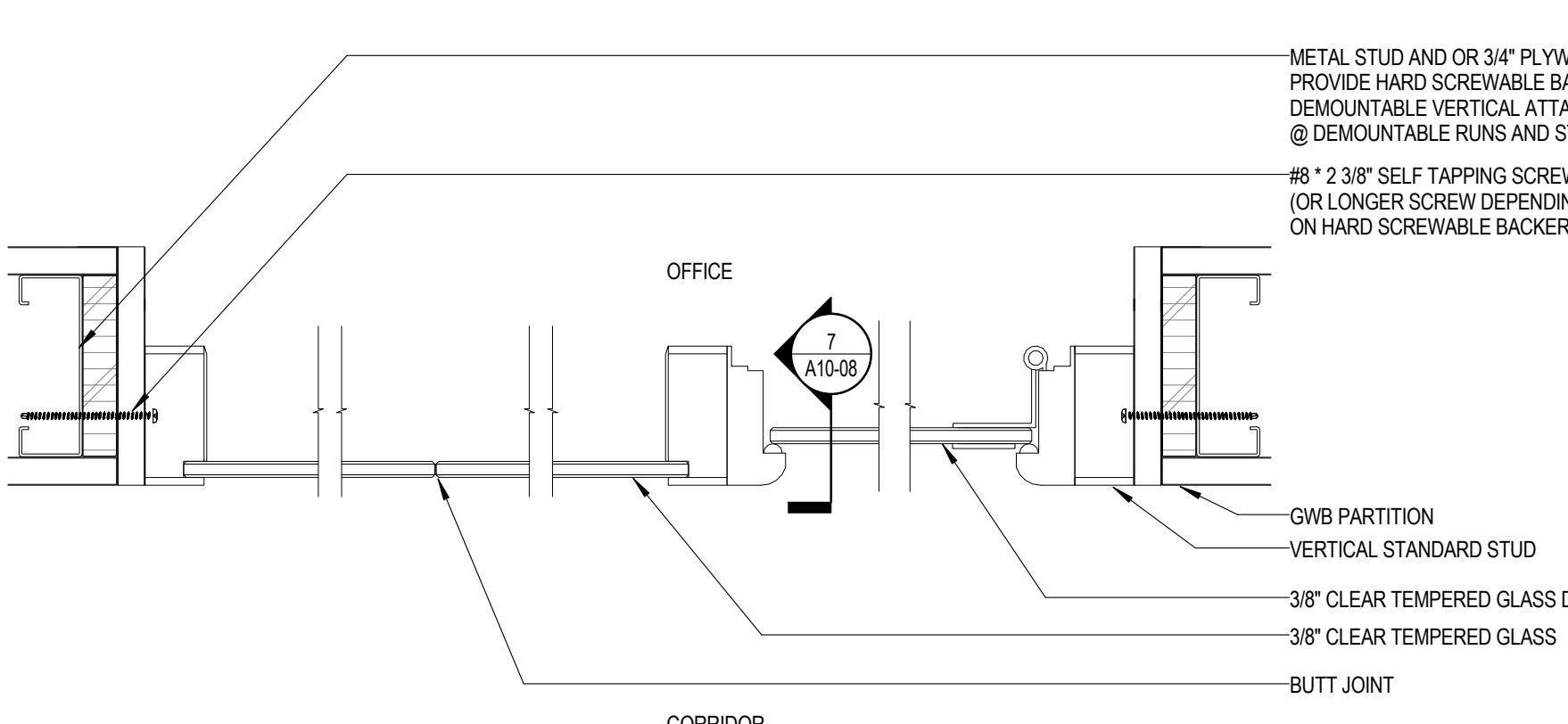
**SECTION DETAIL - DEMOUNTABLE  
PARTITION AT SWINGING DOOR**  
⑦ 3" = 1'-0"



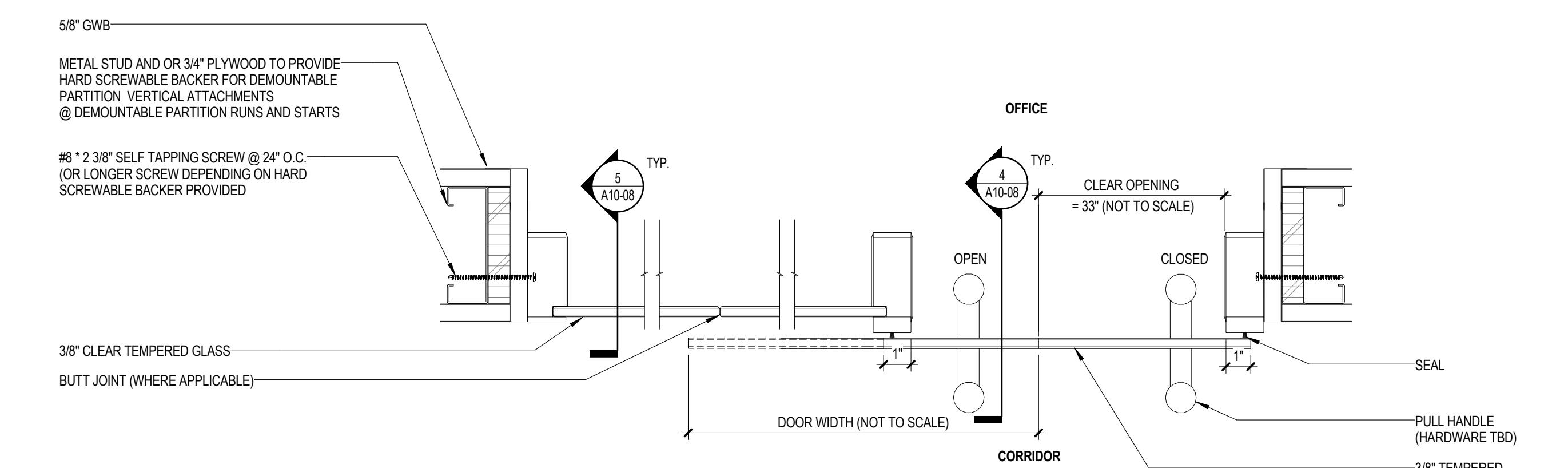
**SECTION DETAIL - DEMOUNTABLE  
PARTITION AT DOOR SIDE LIGHT**  
⑤ 3" = 1'-0"



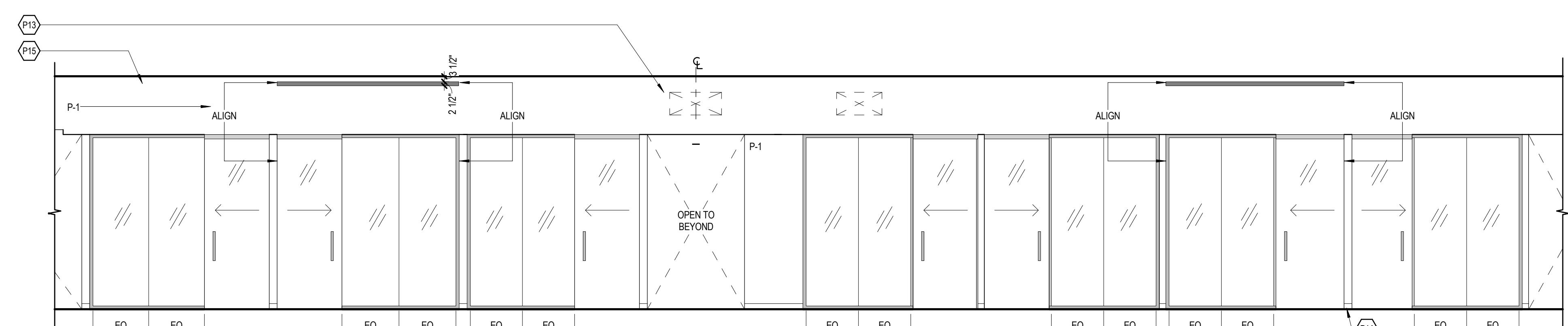
**SECTION DETAIL - DEMOUNTABLE  
PARTITION AT SLIDING DOOR**  
④ 3" = 1'-0"



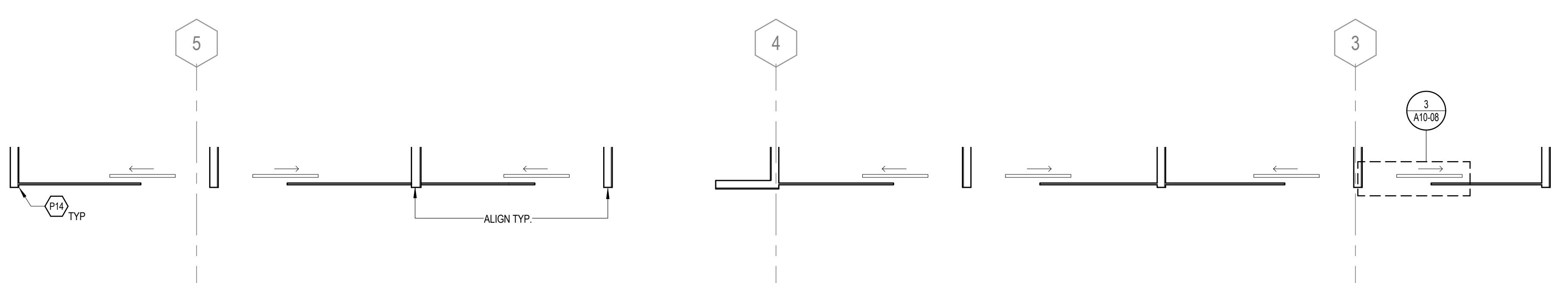
**PLAN DETAIL - DEMOUNTABLE PARTITION OPENING - SWINGING DOOR**  
⑥ 3" = 1'-0"



**PLAN DETAIL - DEMOUNTABLE PARTITION OPENING - SLIDING DOOR**  
③ 3" = 1'-0"



**TYP. OFFICE FRONTS - DEMOUNTABLE**  
② 1/4" = 1'-0"



**ENLARGED PLAN - TYPICAL OFFICE FRONTS**  
① 1/4" = 1'-0"

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90% CONSTRUCTION	05/15/15
75% CONSTRUCTION	05/01/15
MARK	ISSUE DATE
Job Number	860424.000
Drawn	DSJ/R
Checked	JP
Approved	RL

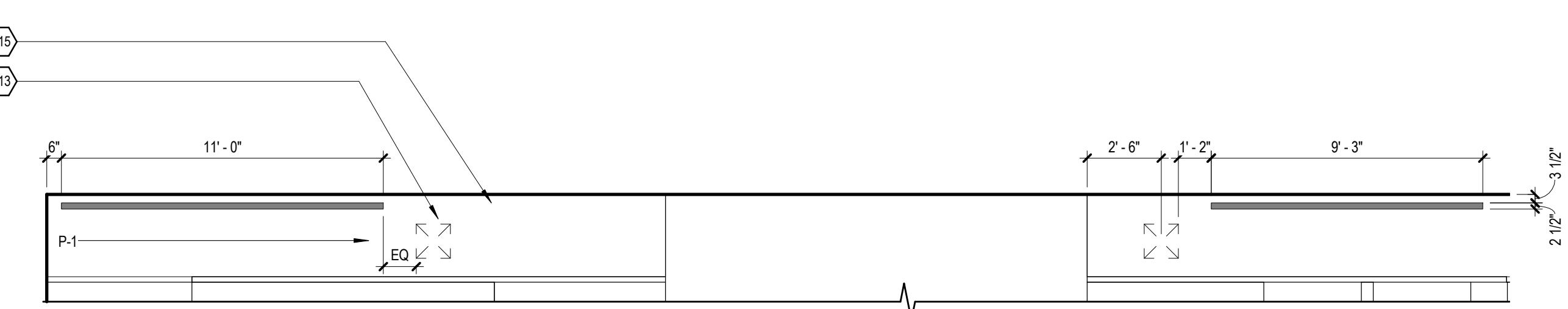
**ENLARGED PLANS,  
ELEVATIONS &  
DETAILS- OFFICE  
FRONTS**

SHEET NUMBER

**A10-08**

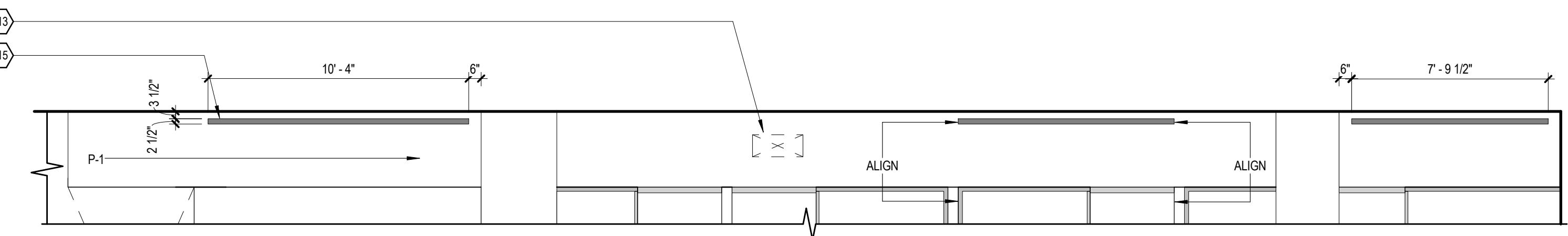
**KEY NOTES //**

P13 COORDINATE DUCT PENETRATION IN GWB BULKHEAD  
P15 RETURN AIR SLOT, PAINT SLOT AND EXPOSED FRAMING P-6 SEE MECHANICAL FOR REQUIRED  
FREE AREA



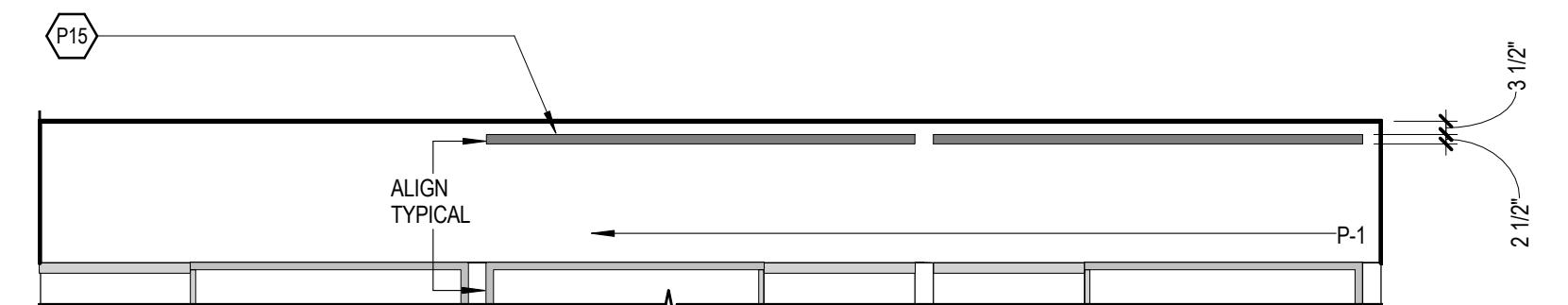
**(6) BULKHEAD AT EXECUTIVE AREA**

1/4" = 1'-0"



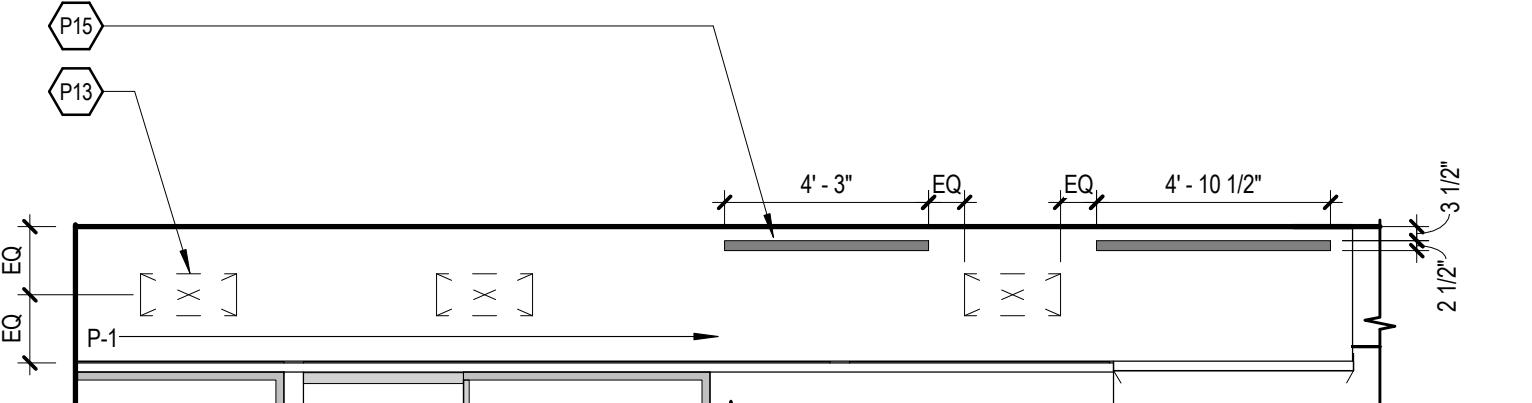
**(5) BULKHEAD ELEVATION AT OPEN AREA 232**

1/4" = 1'-0"



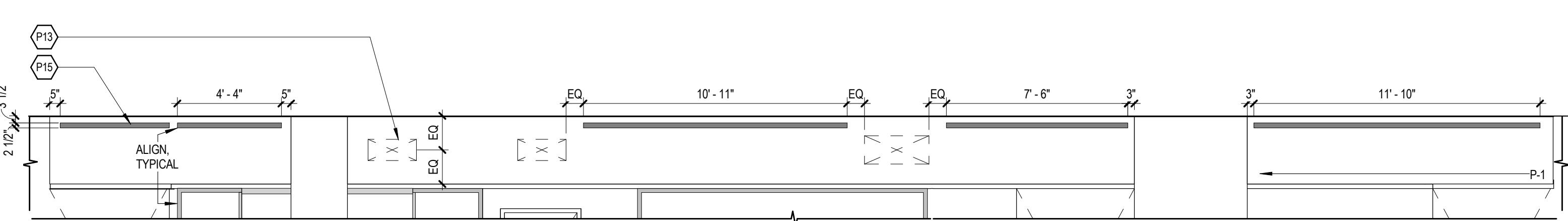
**(4) BULKHEAD ELEVATION AT OFFICES 287, 289, 291**

1/4" = 1'-0"



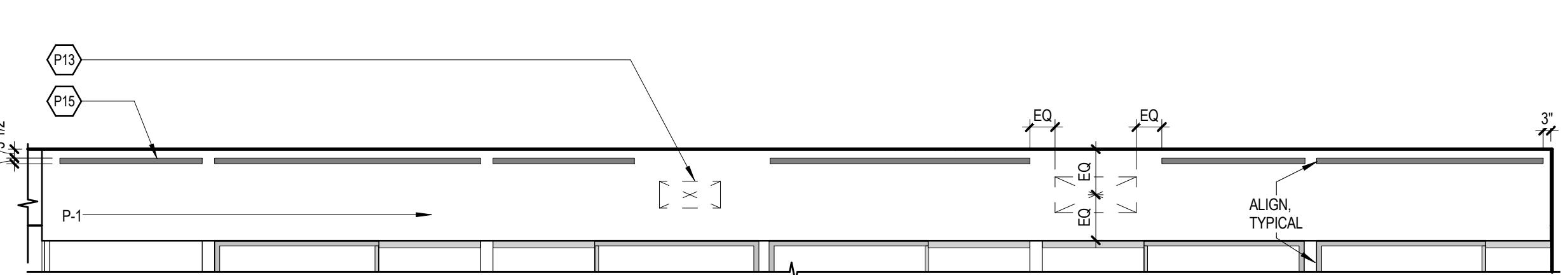
**(3) BULKHEAD ELEVATION AT OPEN AREA 284**

1/4" = 1'-0"



**(2) BULKHEAD ELEVATION AT OPEN AREA 268**

1/4" = 1'-0"



**(1) BULKHEAD ELEVATION AT OPEN AREA 264**

1/4" = 1'-0"

**GENERAL NOTES //**

1. ALL OFFICE FRONTS & CONFERENCE ROOMS ARE DEMOUNTABLE

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1039, EXPIRATION DATE 08.02.2016.

PROJECT

**FOULGER-PRATT**

**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN



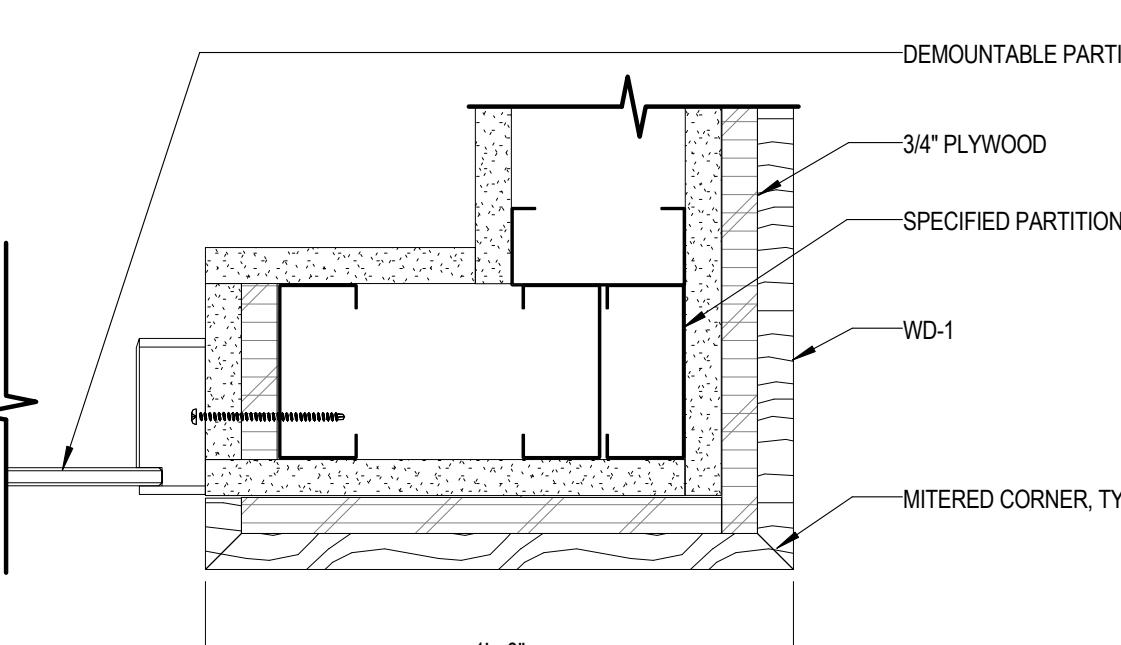
ISSUE CHART

MARK	ISSUED FOR PERMIT/BID	05/28/15
	90% CONSTRUCTION DOCUMENTS	05/15/15
Drawn	DSJ/R	
Checked	JP	
Approved	RL	

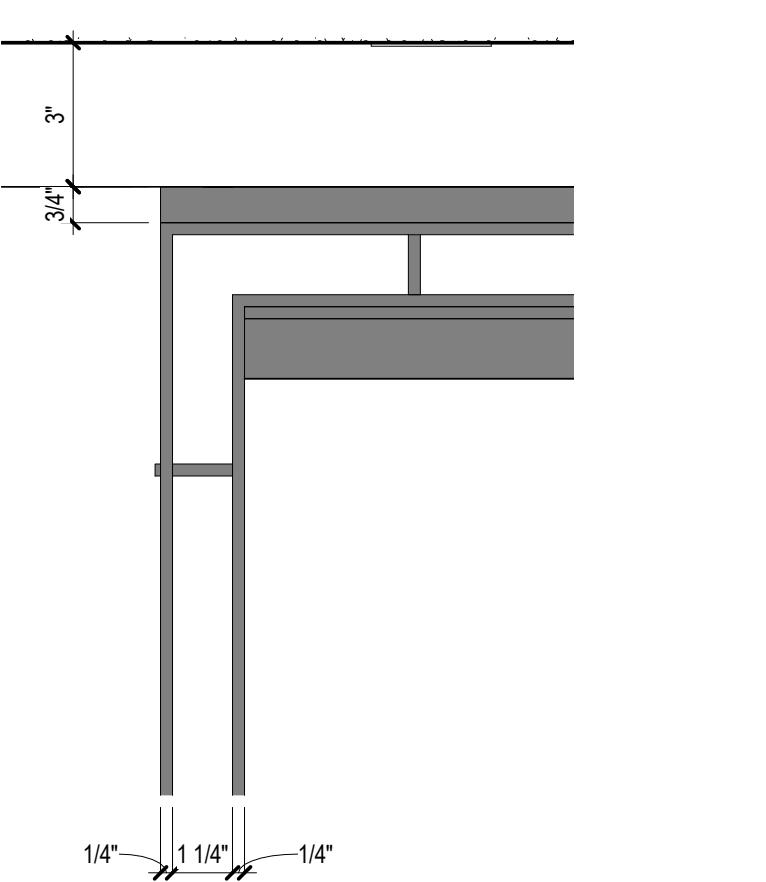
ELEVATIONS -  
CORRIDOR  
BULKHEADS

SHEET NUMBER

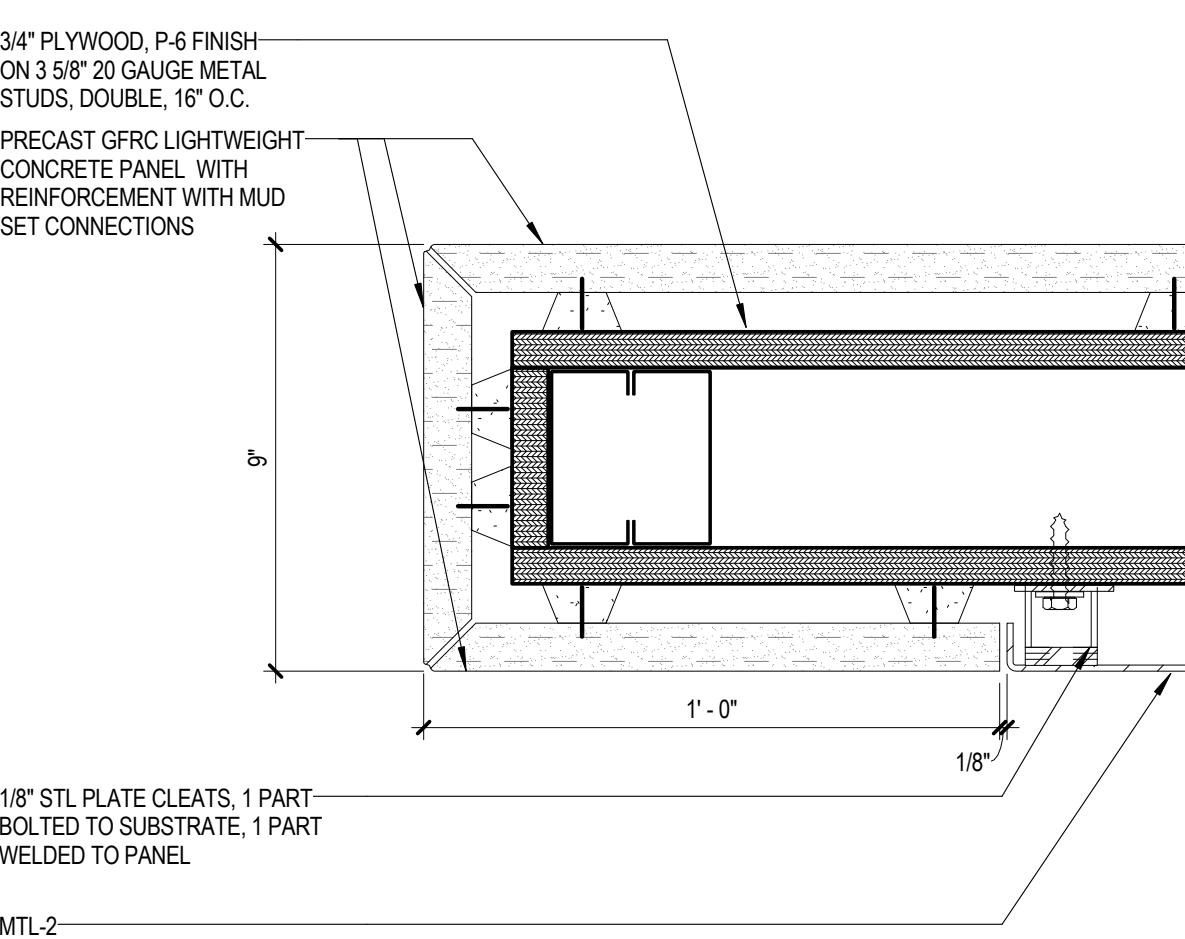
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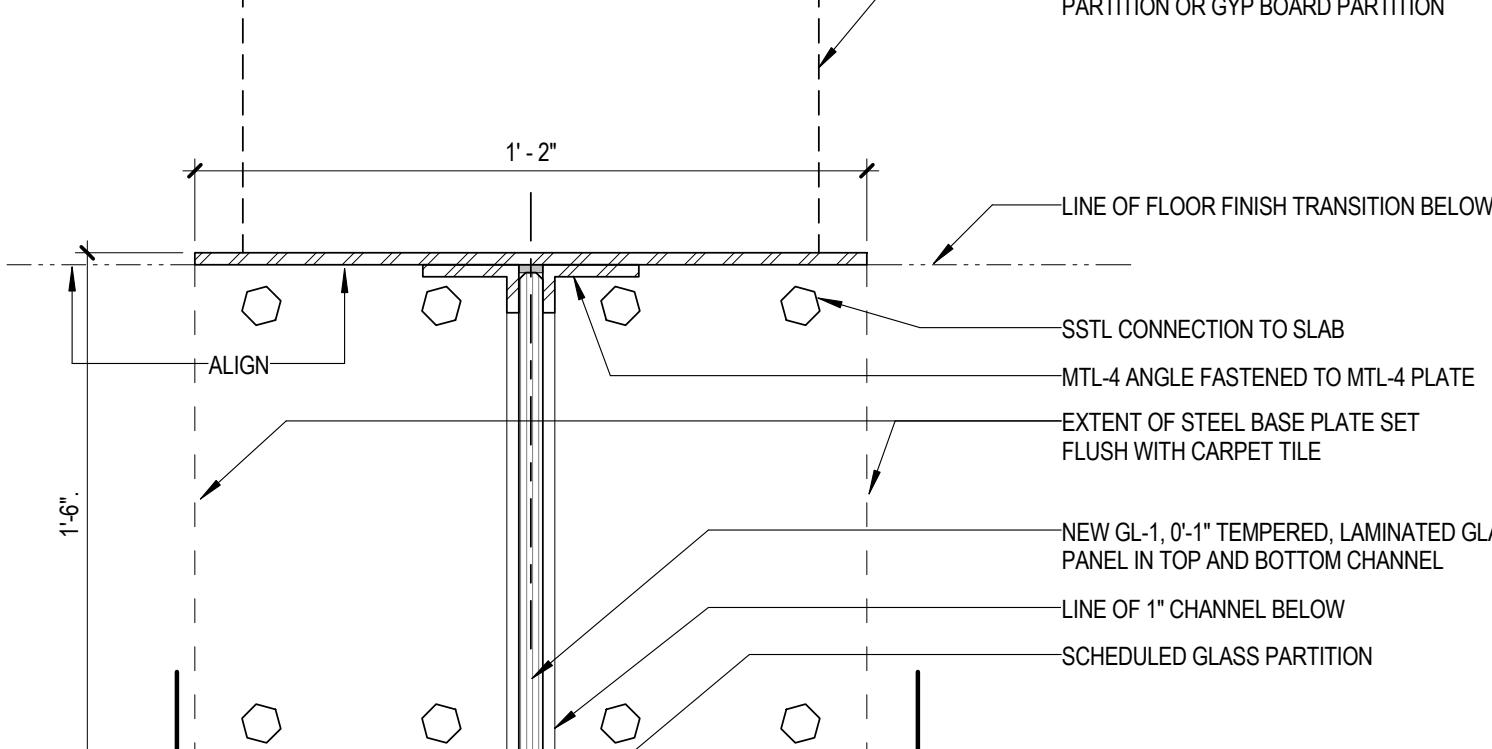
15 PLAN DETAIL - WD-1 CORNER  
3" = 1'-0"



12 METAL FRAME ENLARGED ELEVATION  
TOP  
3" = 1'-0"



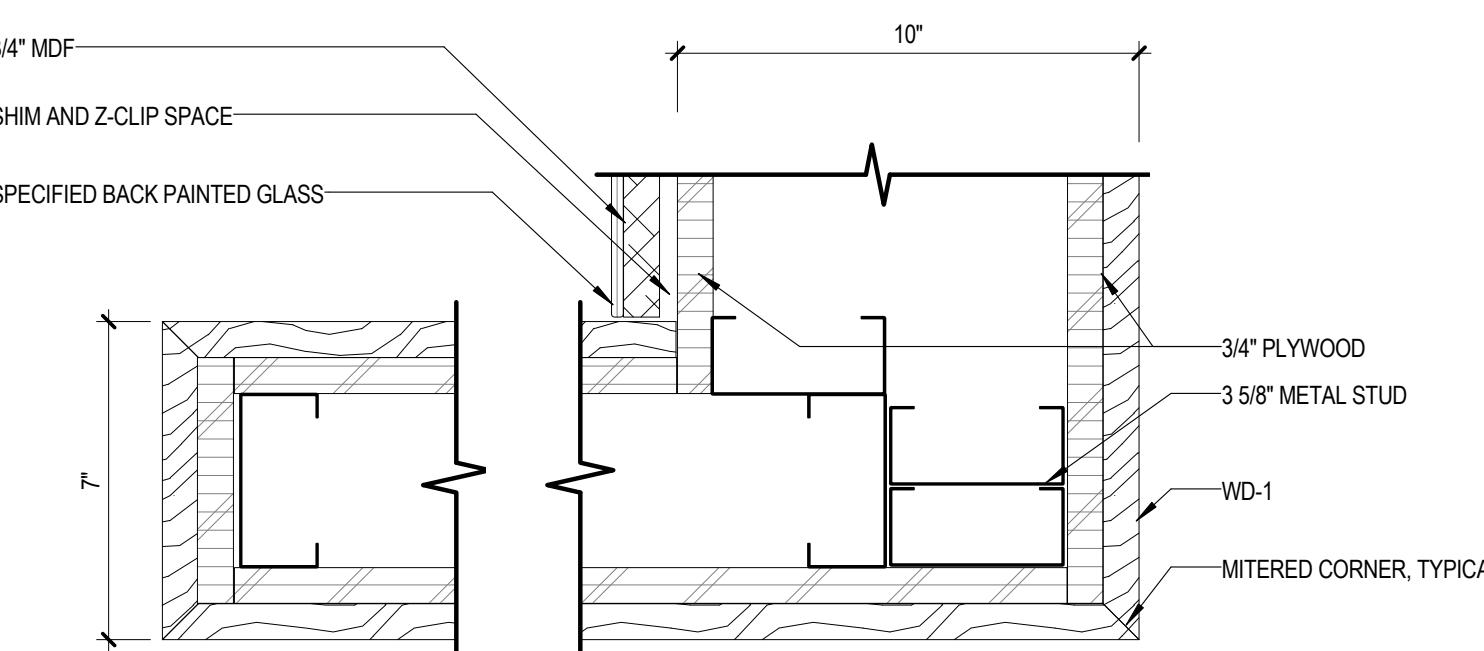
14 PLAN DETAIL - RECEPTION WALL  
3" = 1'-0"



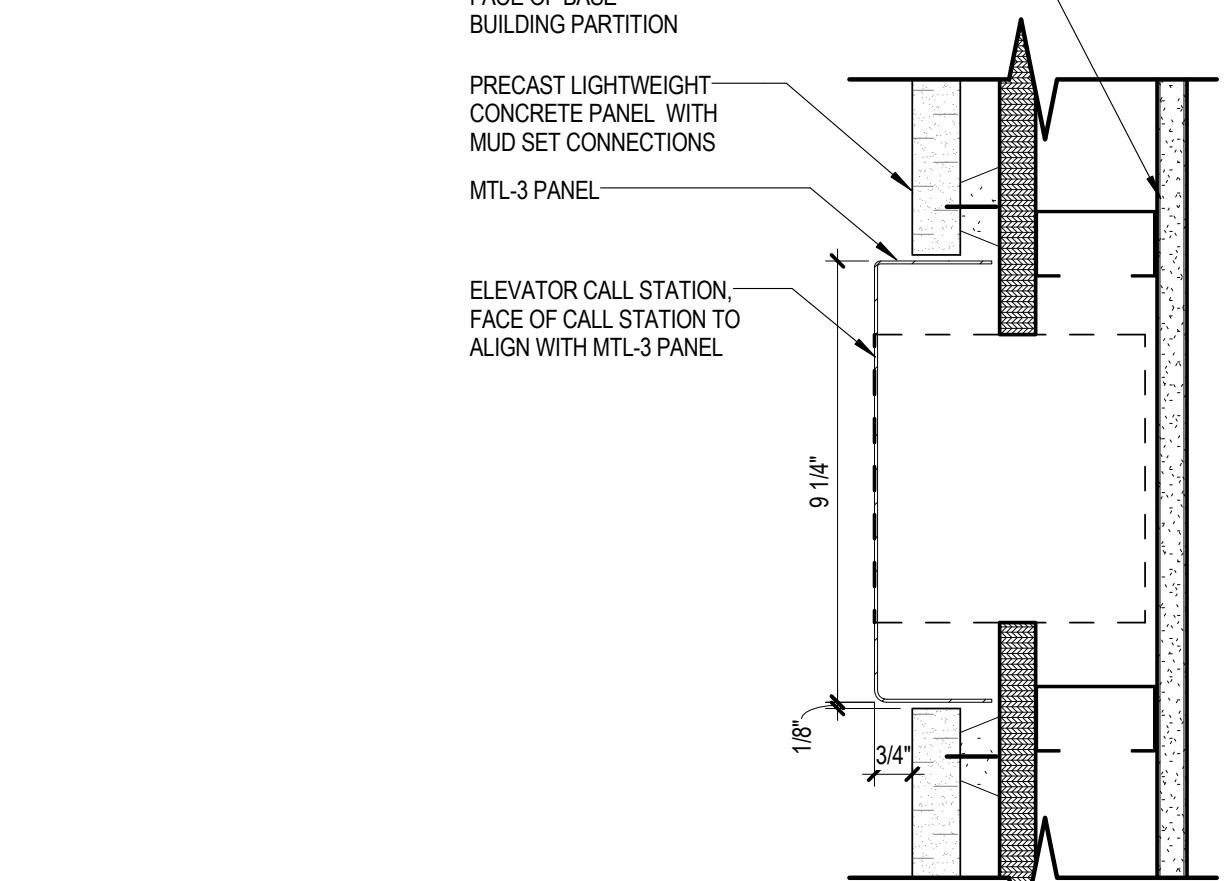
11 DETAIL SECTION - GLASS PARTITION  
CONNECTION @ CONFERENCE FRONTS  
3" = 1'-0"



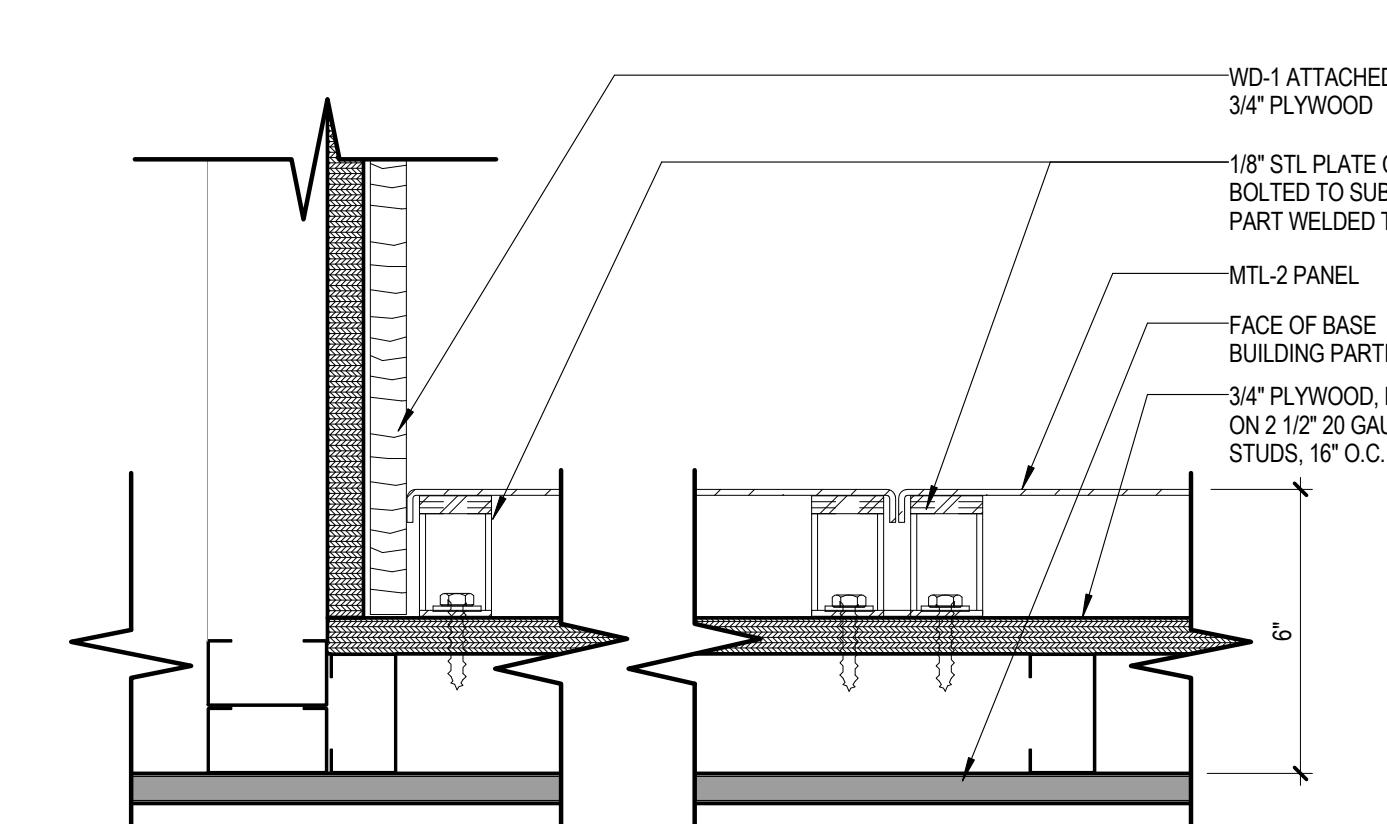
8 METAL FRAME ENLARGED ELEVATION  
3" = 1'-0"



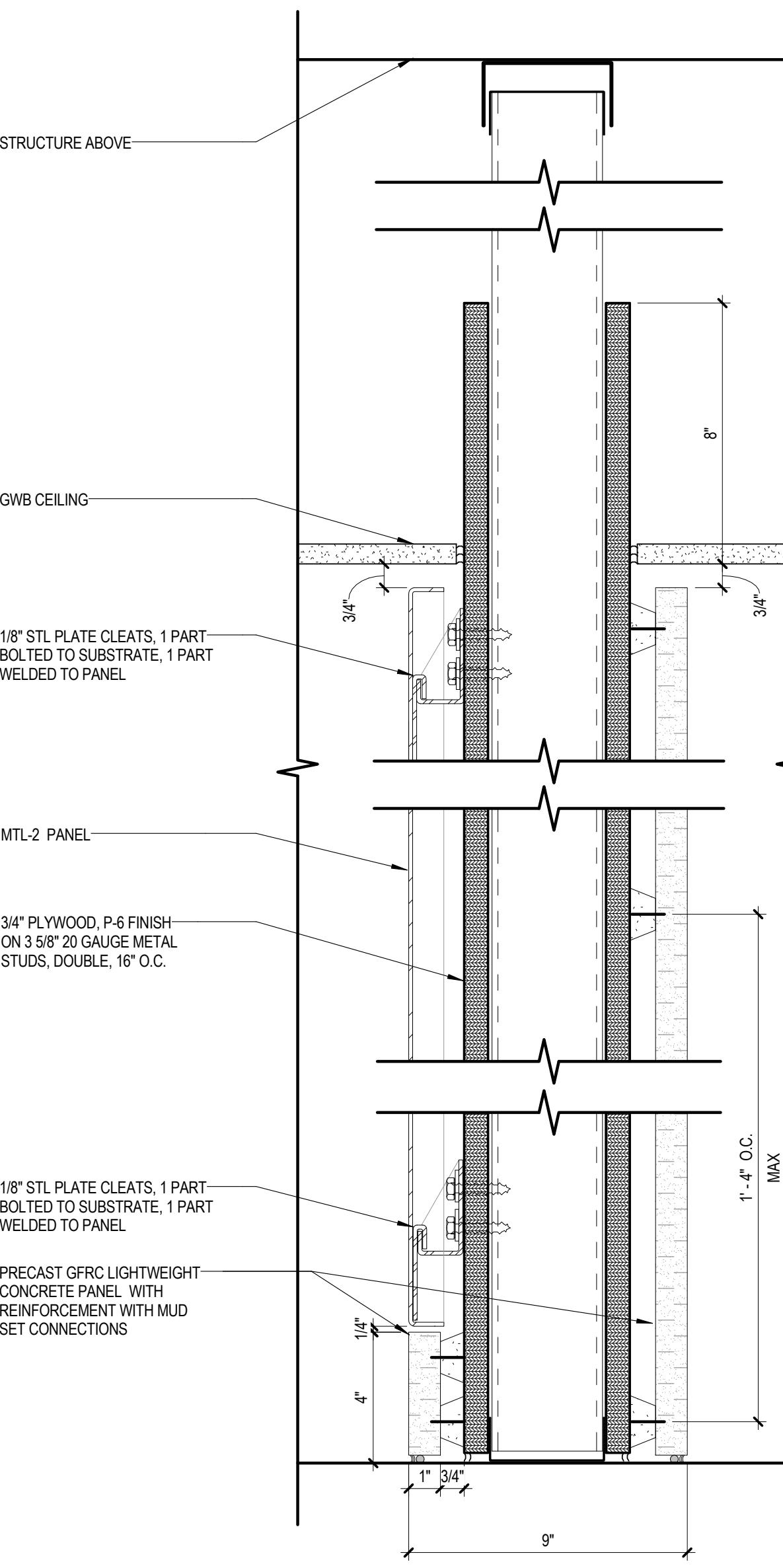
7 PLAN DETAIL - WD-1 CORNER AT CAFE  
3" = 1'-0"



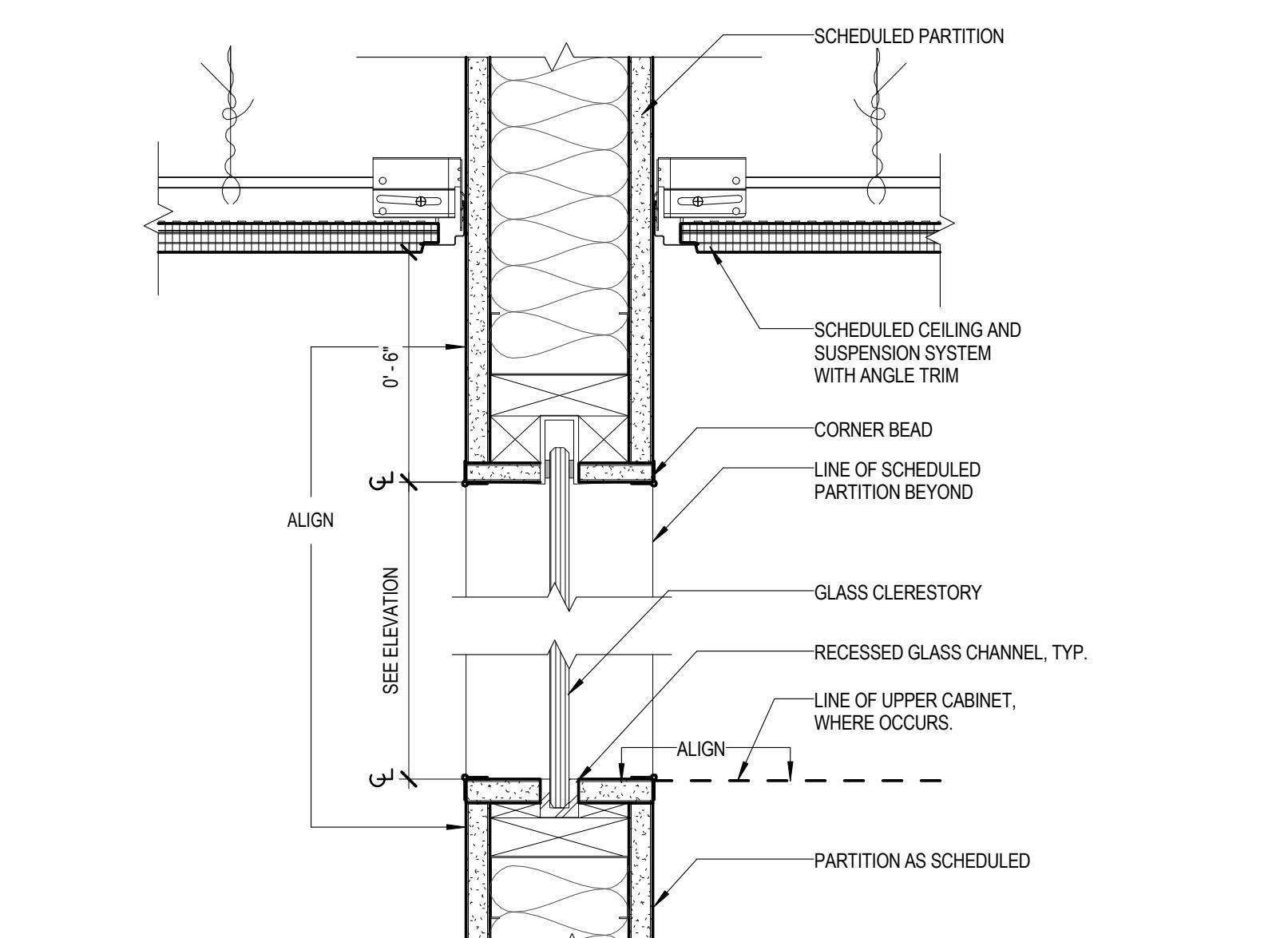
4 PLAN DETAIL - ELEVATOR CALL STATION  
3" = 1'-0"



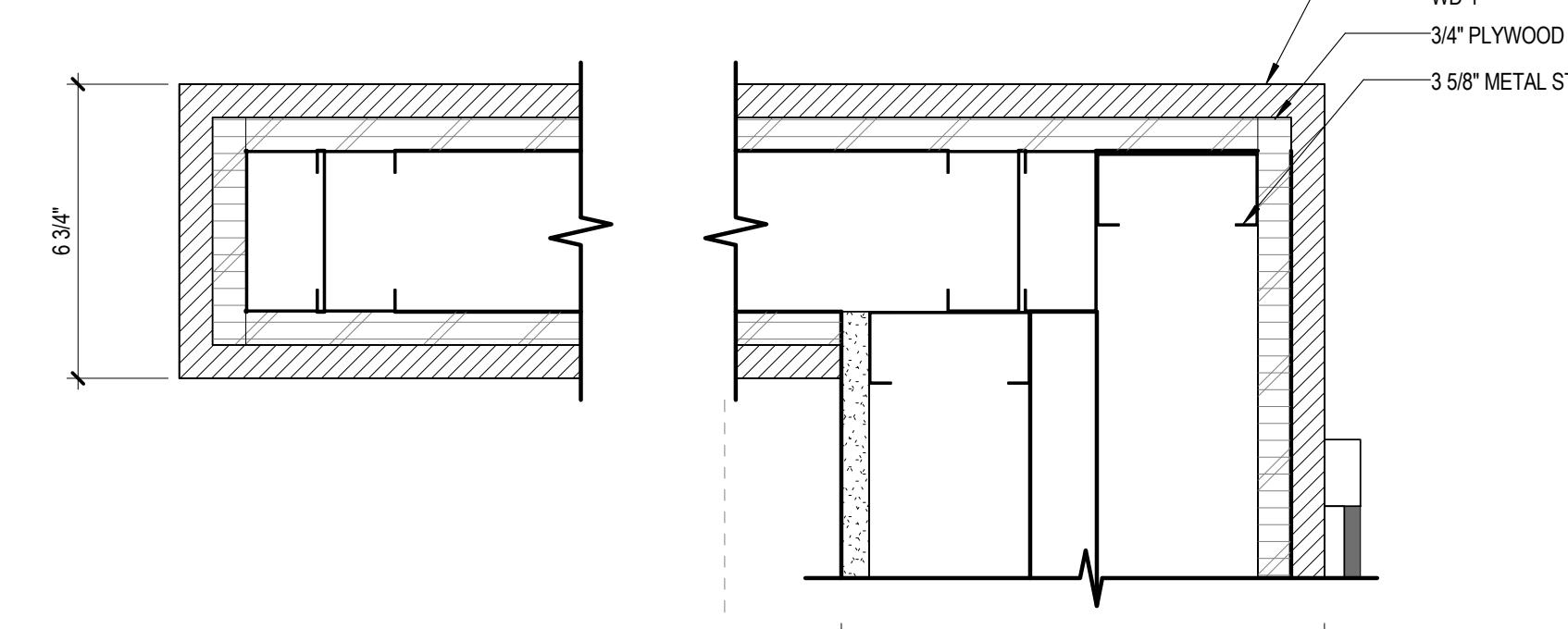
3 PLAN DETAIL - MTL-2 @ WD-1  
3" = 1'-0"



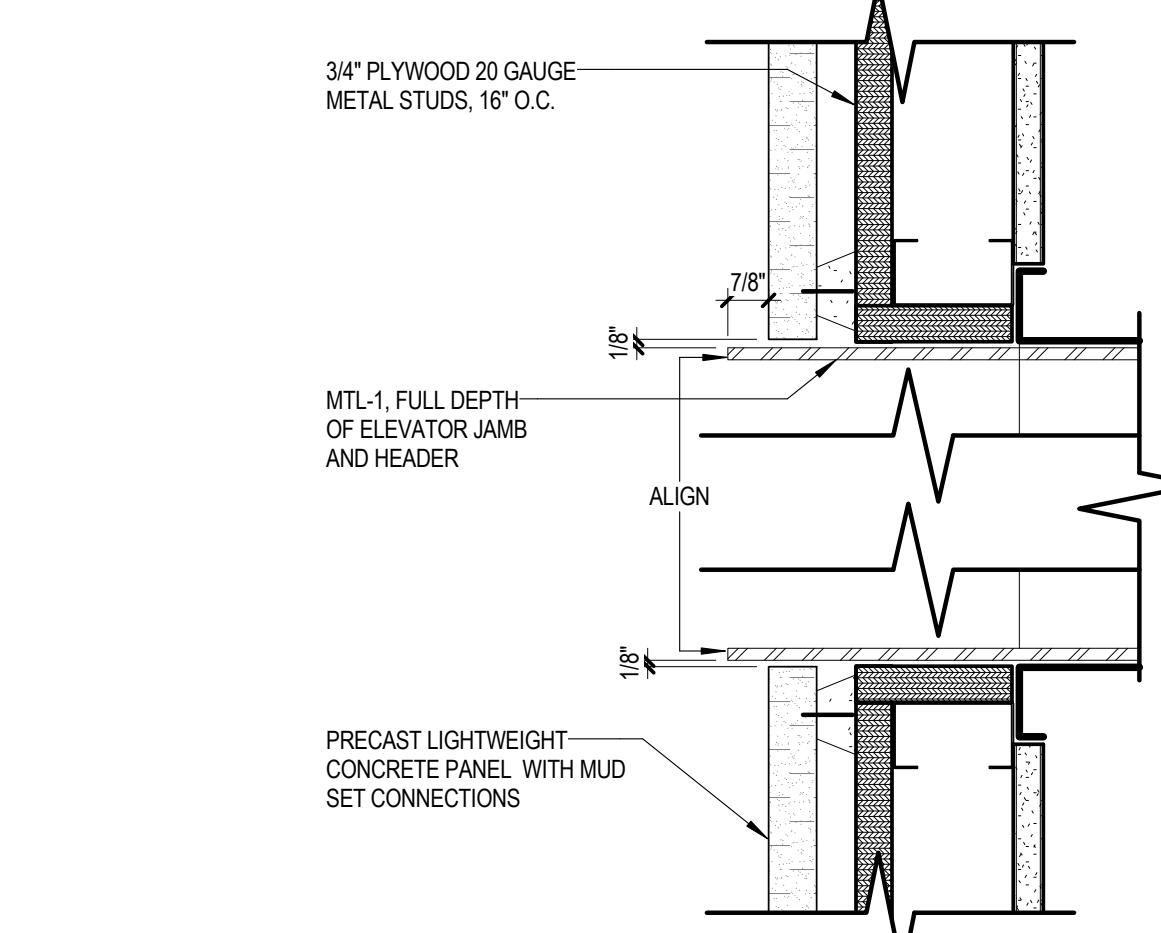
13 SECTION DETAIL - RECEPTION WALL  
3" = 1'-0"



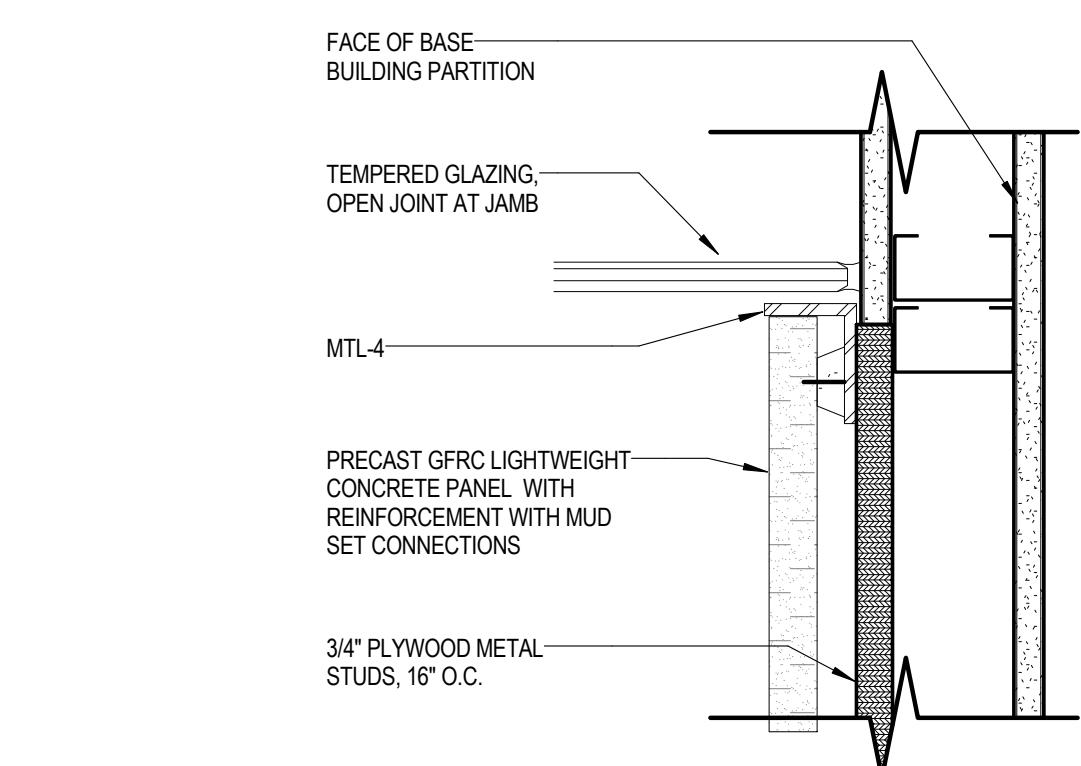
10 PARTITION WITH CLEREOSTORY  
3" = 1'-0"



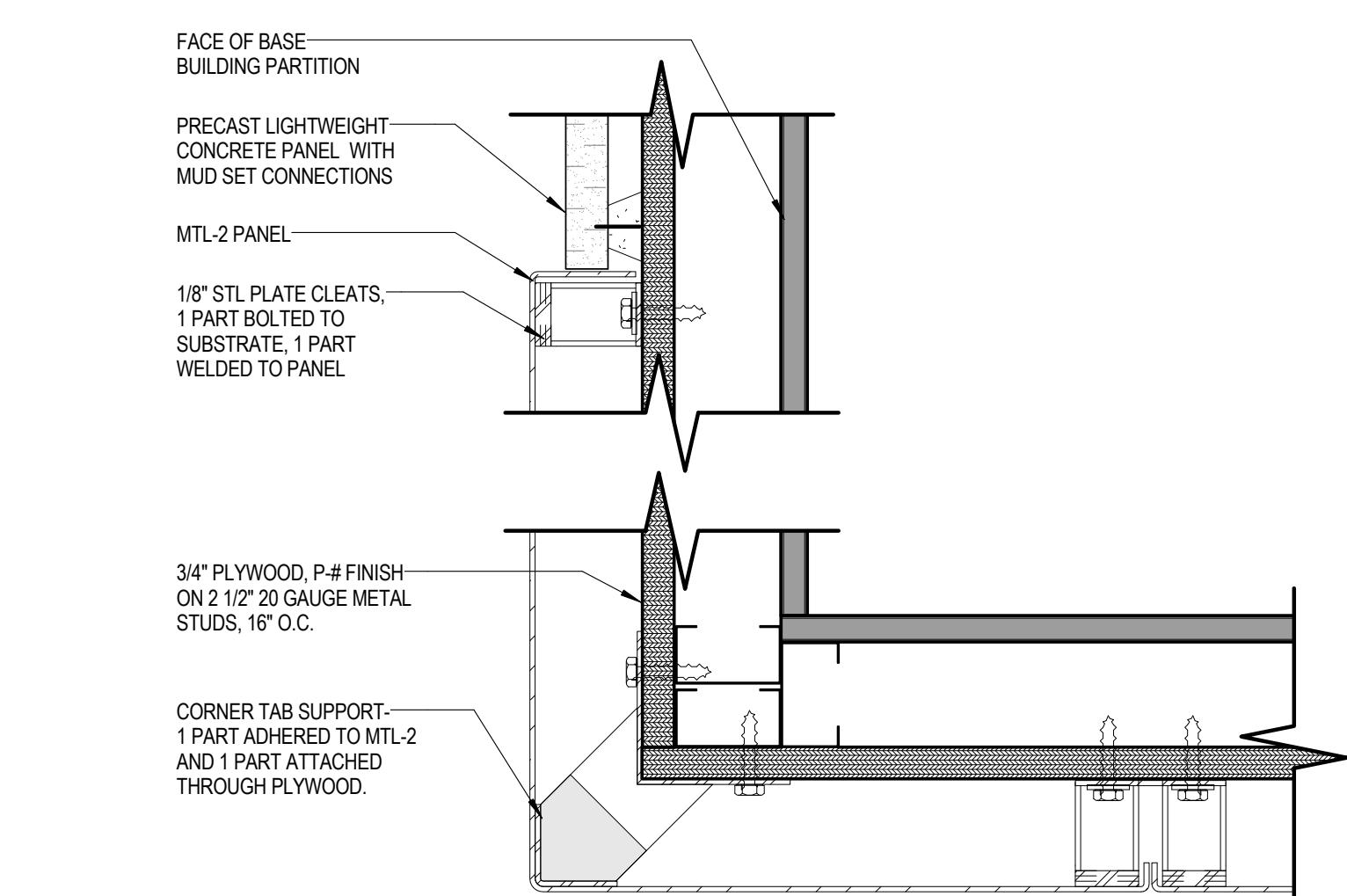
9 PLAN DETAIL - WD-1 AT MAIL ROOM CORNER  
3" = 1'-0"



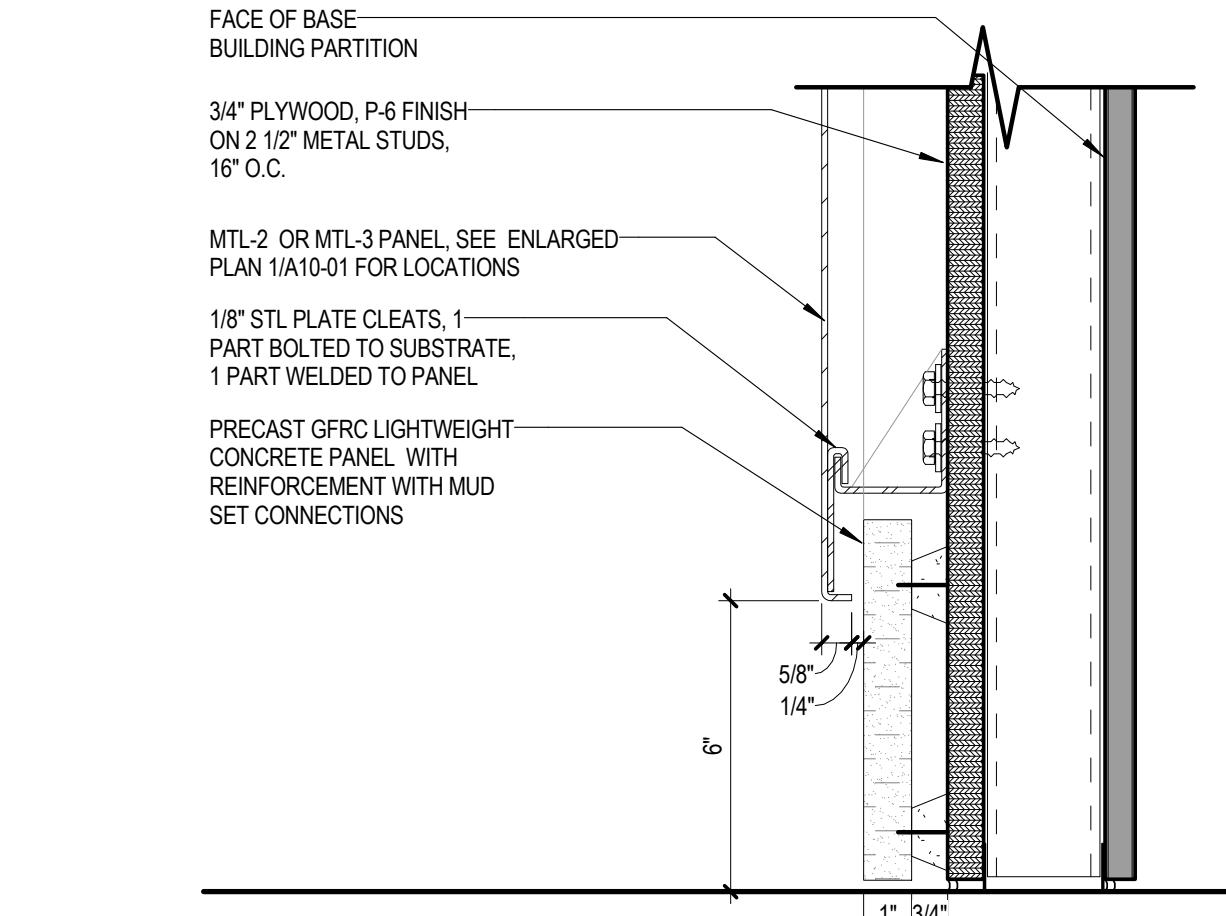
6 PLAN DETAIL - ELEVATOR JAMS  
3" = 1'-0"



5 PLAN DETAIL - MTL-2 @ GLAZING  
3" = 1'-0"



2 PLAN DETAIL - MTL-2 @ C-3  
3" = 1'-0"



1 SECTION DETAIL - BASE AT C-3 @ METAL PANELS  
3" = 1'-0"

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STATE OF MARYLAND, NUMBER  
1039, EXPIRATION DATE 08.02.2016.

PROJECT

**FOULGER-PRATT**

**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN

ISSUE CHART

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90% CONSTRUCTION DOCUMENTS	05/15/15
75% CONSTRUCTION DOCUMENTS	05/01/15
MARK	ISSUE DATE
Job Number	860424.000
Drawn	JR/HR
Checked	JP
Approved	RL
TITLE	

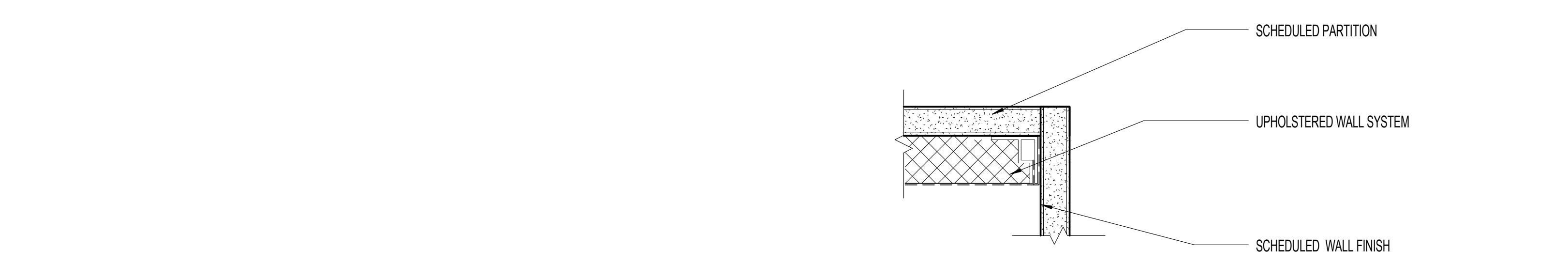
**INTERIOR DETAILS -  
WALLS**

SHEET NUMBER

**A10-21**



⑪ UWS @ SEAM (TYP.)

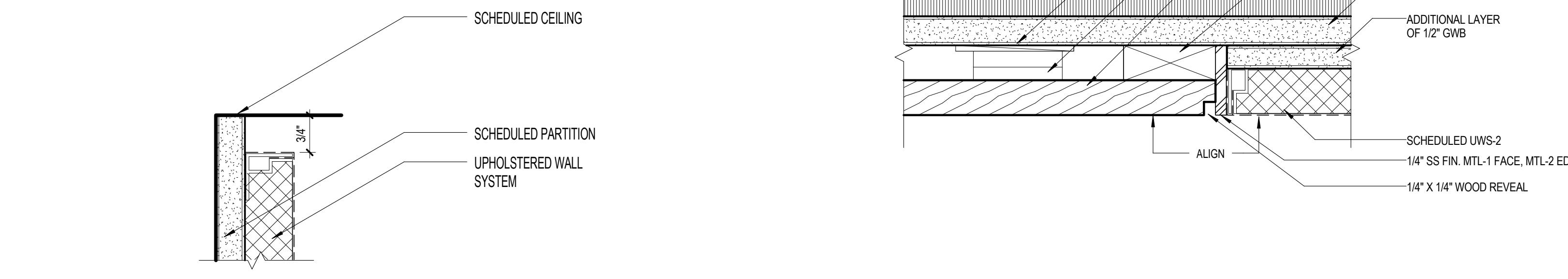


⑩ UWS @ INSIDE CORNER (TYP.)



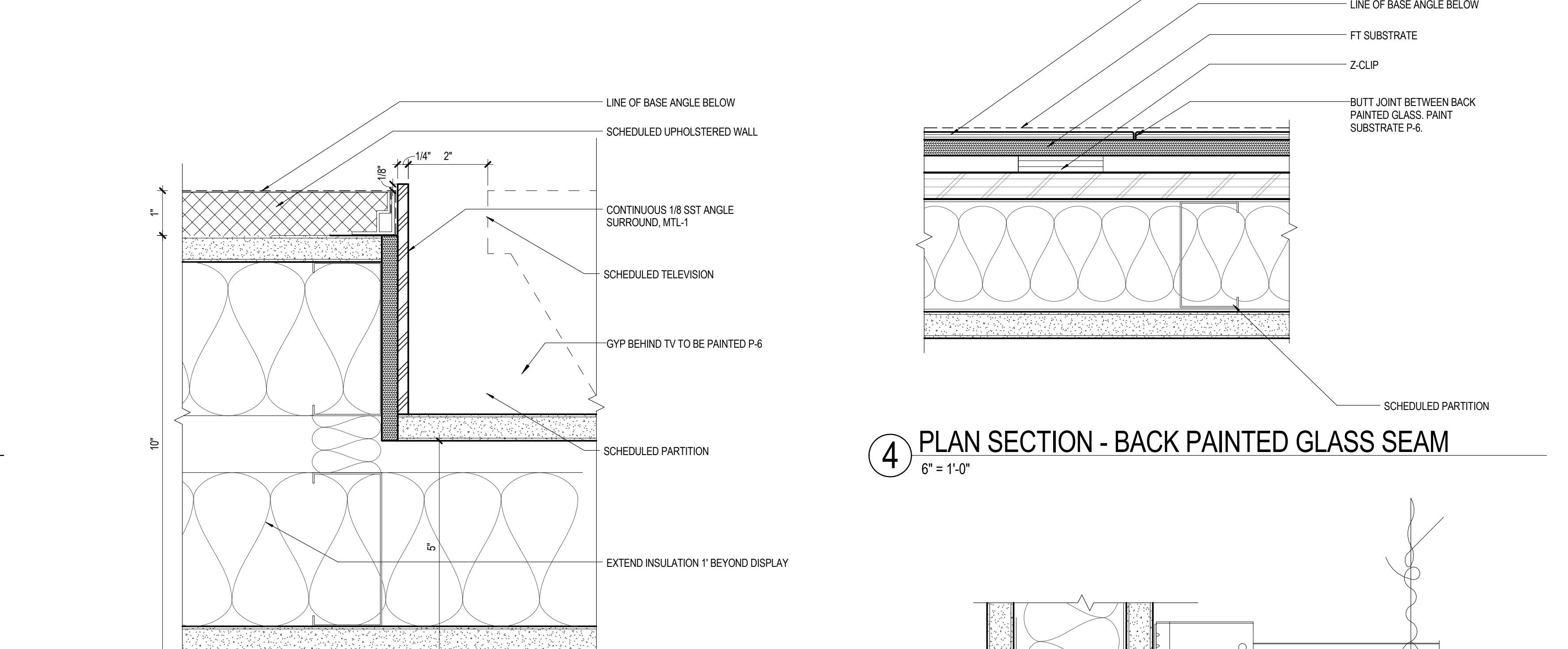
PLAN DETAIL - MTL-2 @ EXISTING  
CORNER

⑬ 3' = 1'-0"



⑫ UWS @ CEILING (TYP.)

6' = 1'-0"



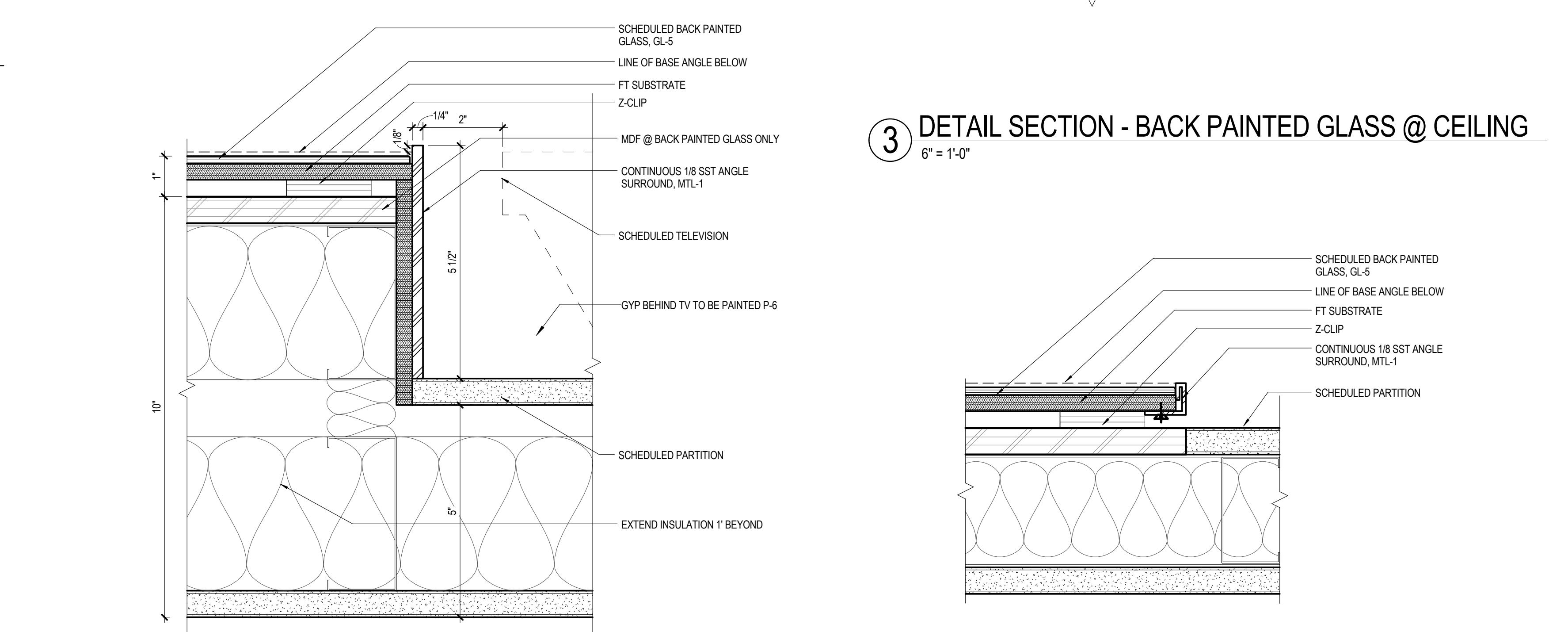
④ PLAN SECTION - BACK PAINTED GLASS SEAM

6' = 1'-0"

PLAN SECTION - UWS TRIM @  
RECESSED TV

⑦ 6' = 1'-0"

NOTE: 1" SLOT TIGHT TO UPPER REAR CORNER OF HEADER FOR VENTILATION PURPOSES.



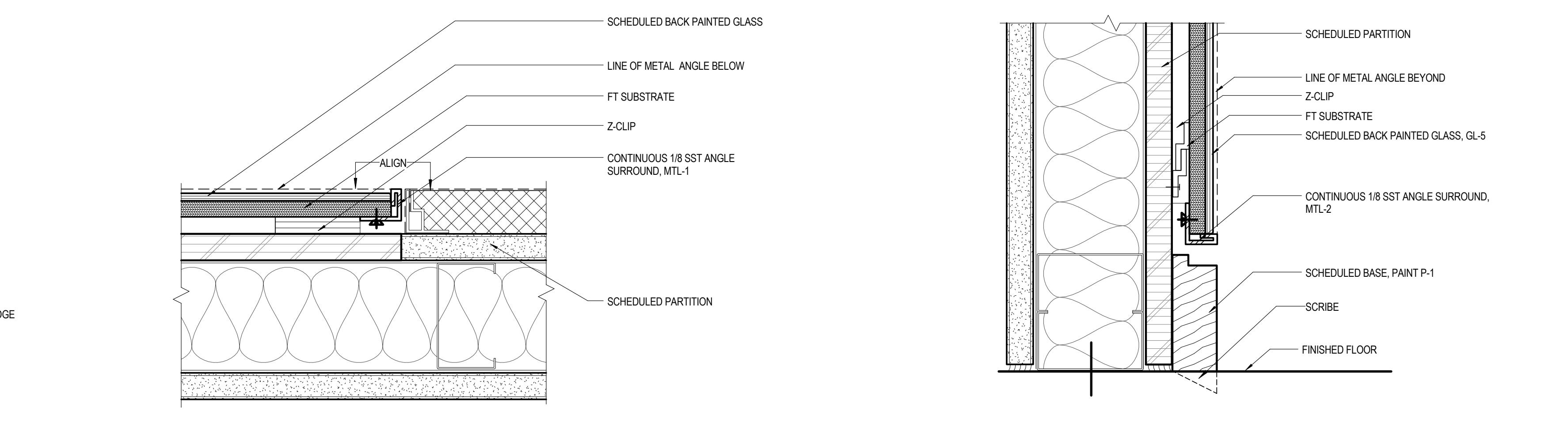
③ DETAIL SECTION - BACK PAINTED GLASS @ CEILING

6' = 1'-0"

PLAN SECTION - BACK PAINTED GLASS TRIM  
⑥ @ RECESSED TV

⑥ 6' = 1'-0"

NOTE: 1" SLOT TIGHT TO UPPER REAR CORNER OF HEADER FOR VENTILATION PURPOSES.



① DETAIL SECTION - BACK PAINTED GLASS @ BASE

6' = 1'-0"

⑤ PLAN SECTION - BACK PAINTED GLASS TO UWS

⑤ 6' = 1'-0"

⑧ PLAN SECTION - WOOD PANEL TO UWS

6' = 1'-0"

4 3 2 1

PROFESSIONAL CERTIFICATION I  
CERTIFY THAT THESE DOCUMENTS  
WERE PREPARED OR APPROVED BY ME,  
AND THAT I AM A DULY LICENSED  
ARCHITECT UNDER THE LAWS OF THE  
STATE OF MARYLAND, NUMBER  
1039, EXPIRATION DATE 08.02.2016.

PROJECT

**FOULGER-PRATT**

**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN



ISSUE CHART



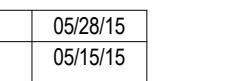
NOTE: REFER TO FINISH PLANS FOR COUNTERTOP MATERIAL



NOTE: REFER TO FINISH PLANS FOR COUNTERTOP MATERIAL



NOTE: REFER TO FINISH PLANS FOR COUNTERTOP MATERIAL

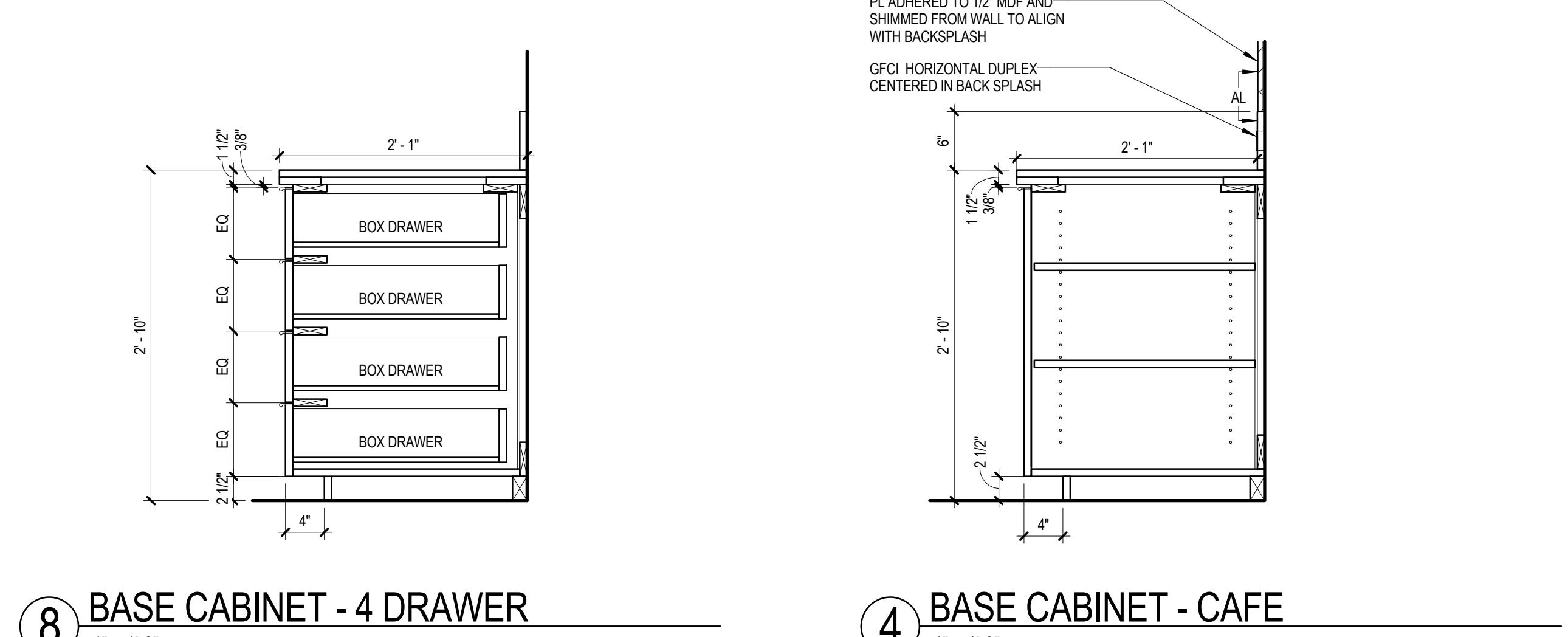
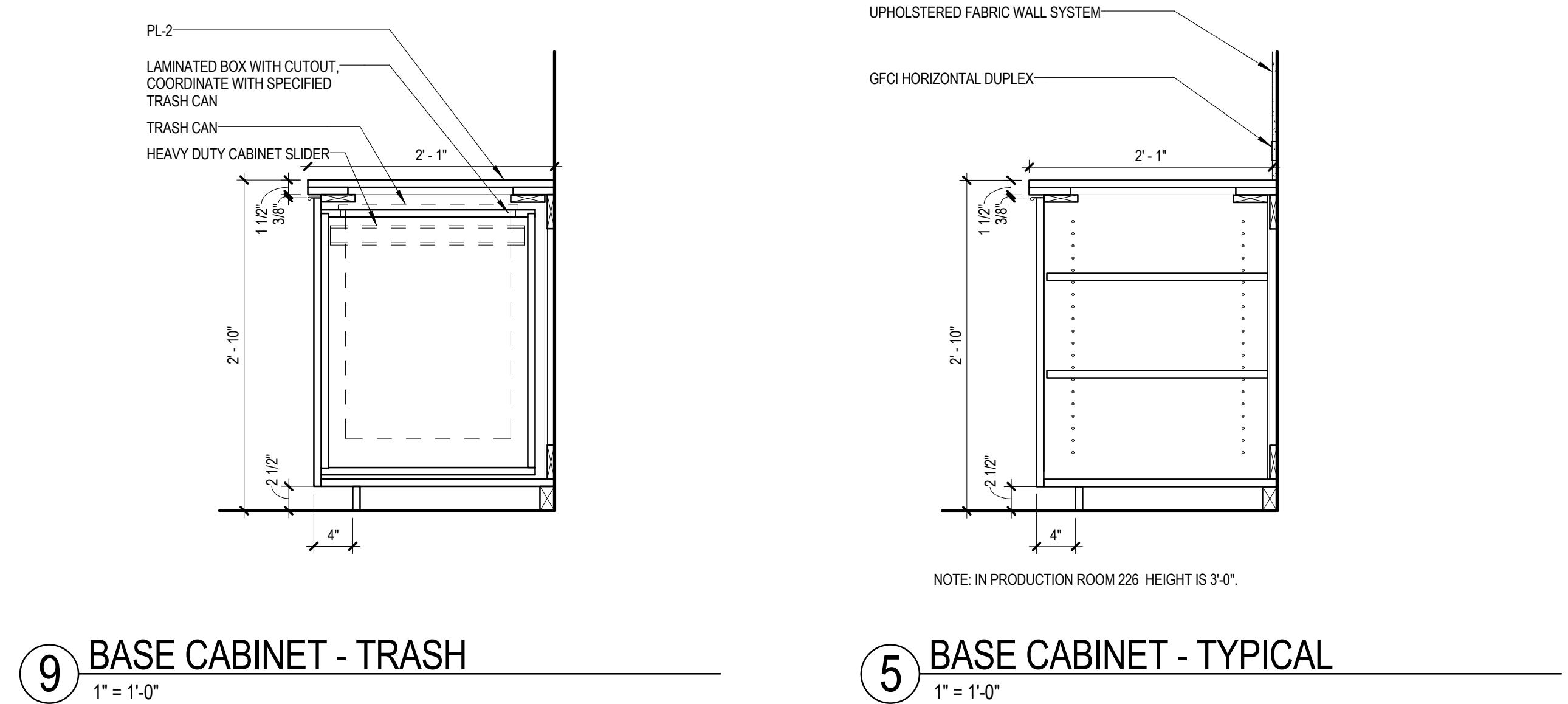
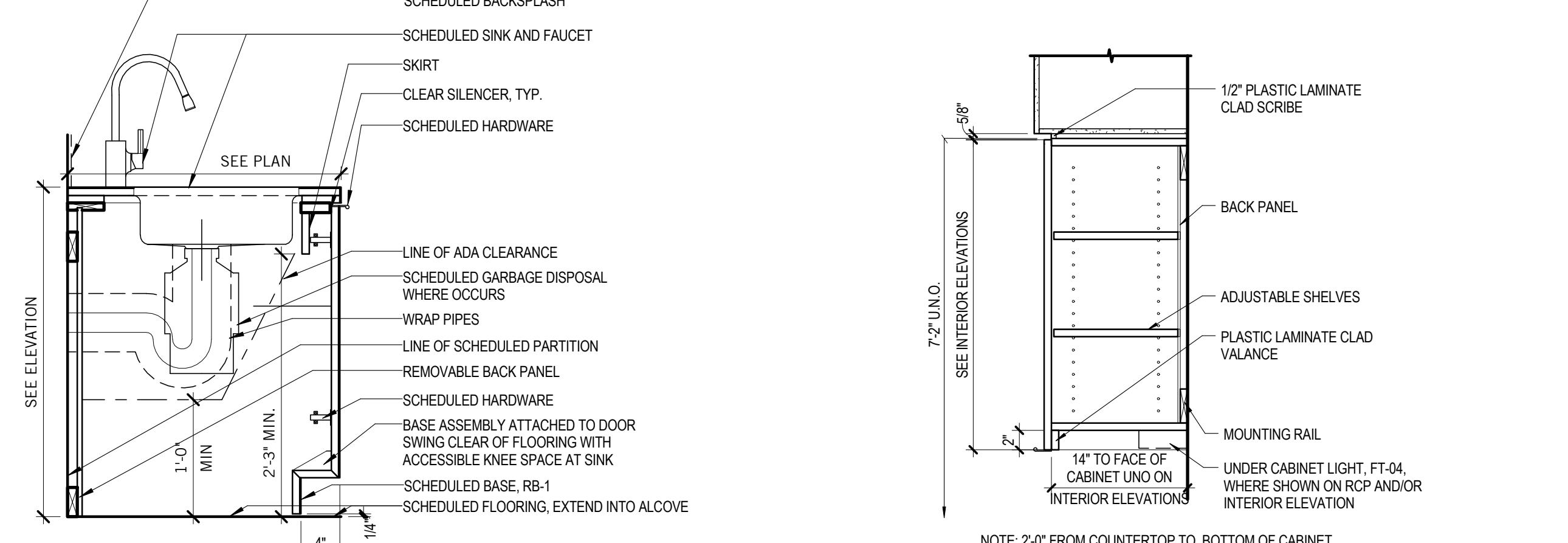
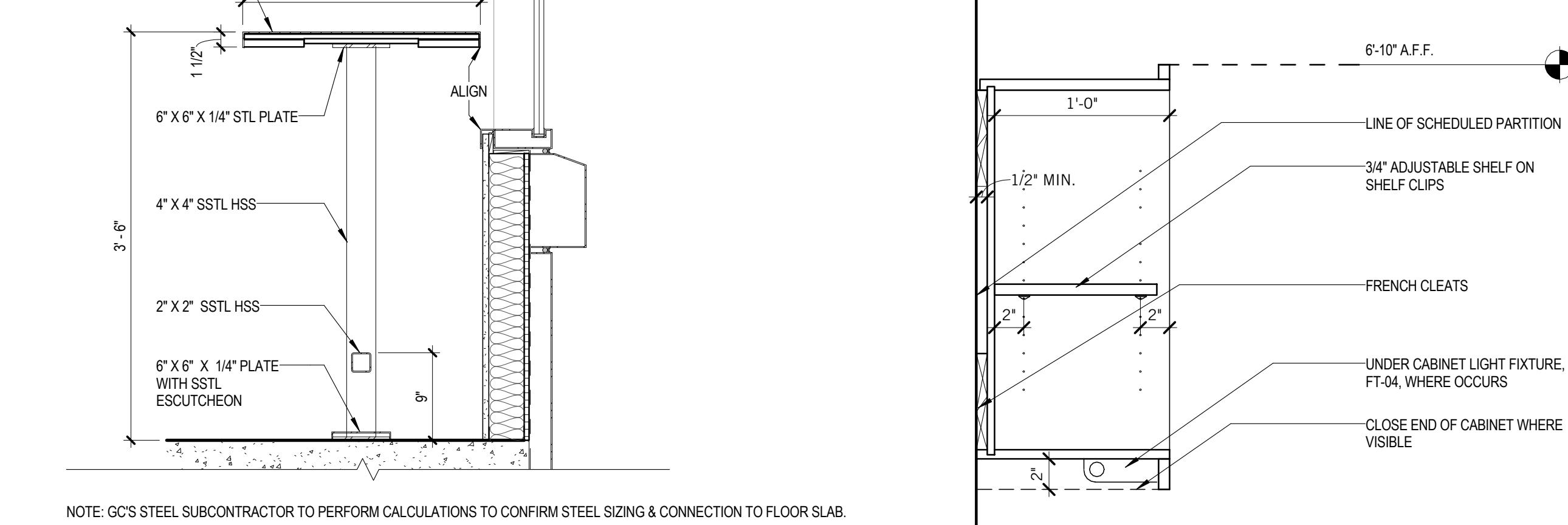
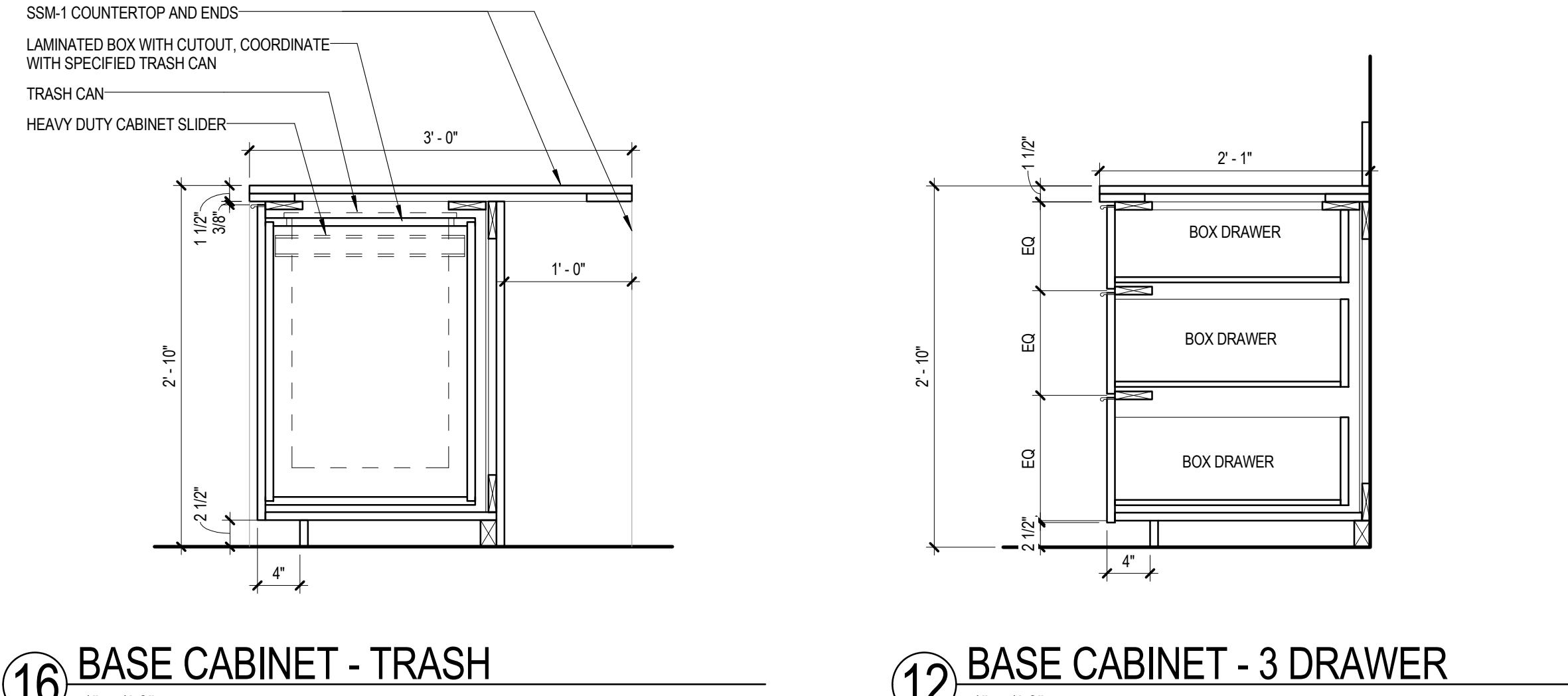
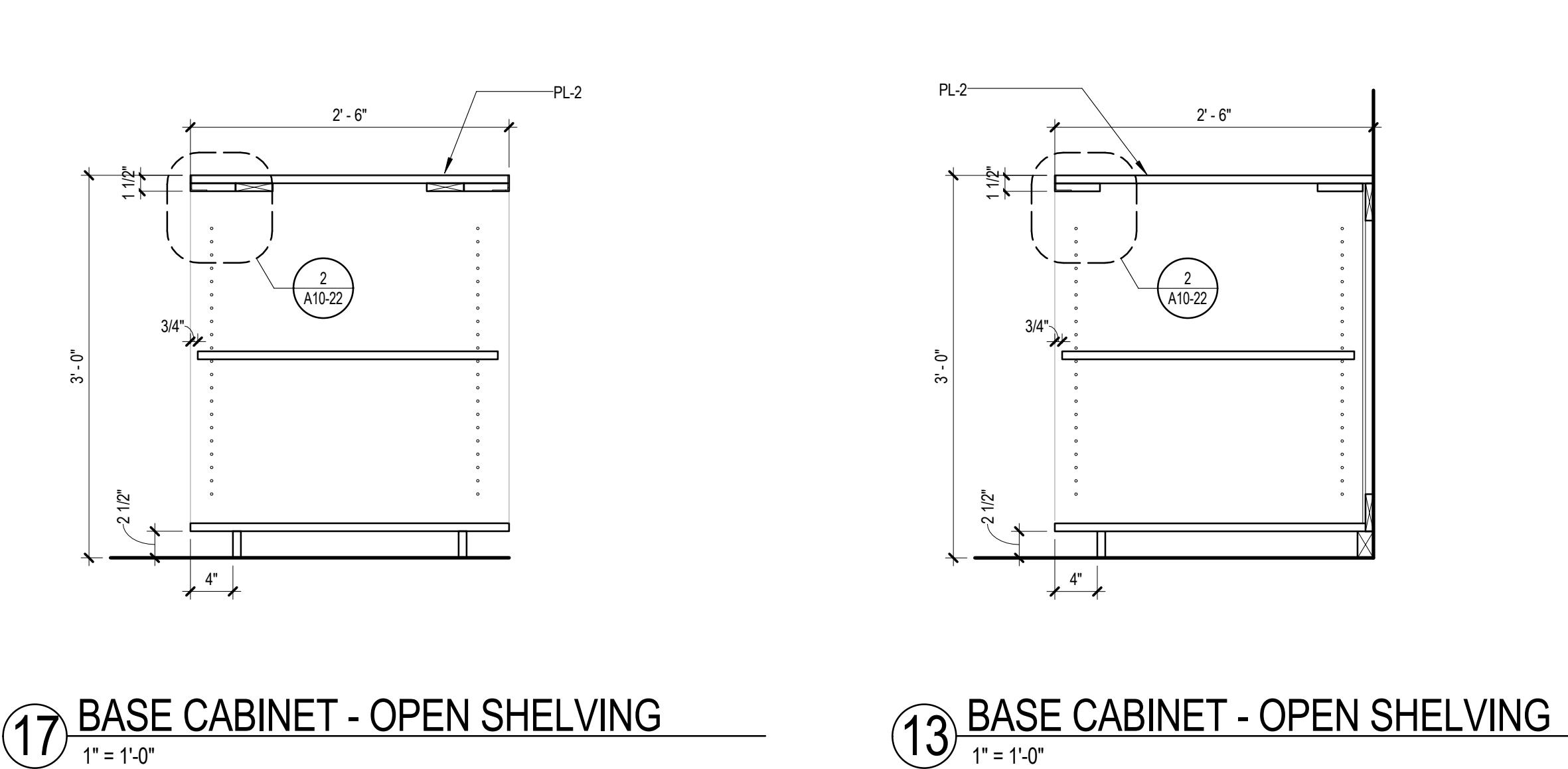
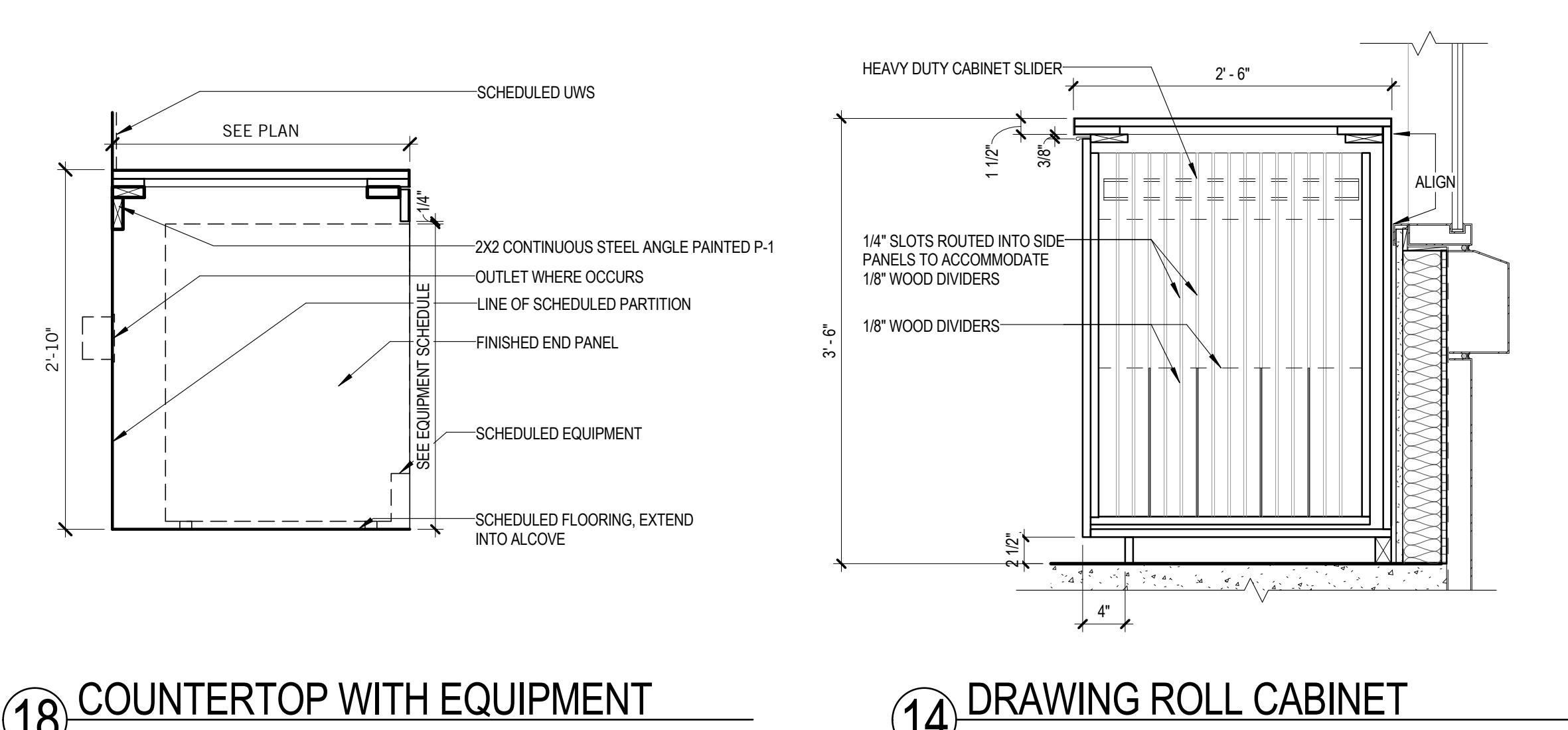
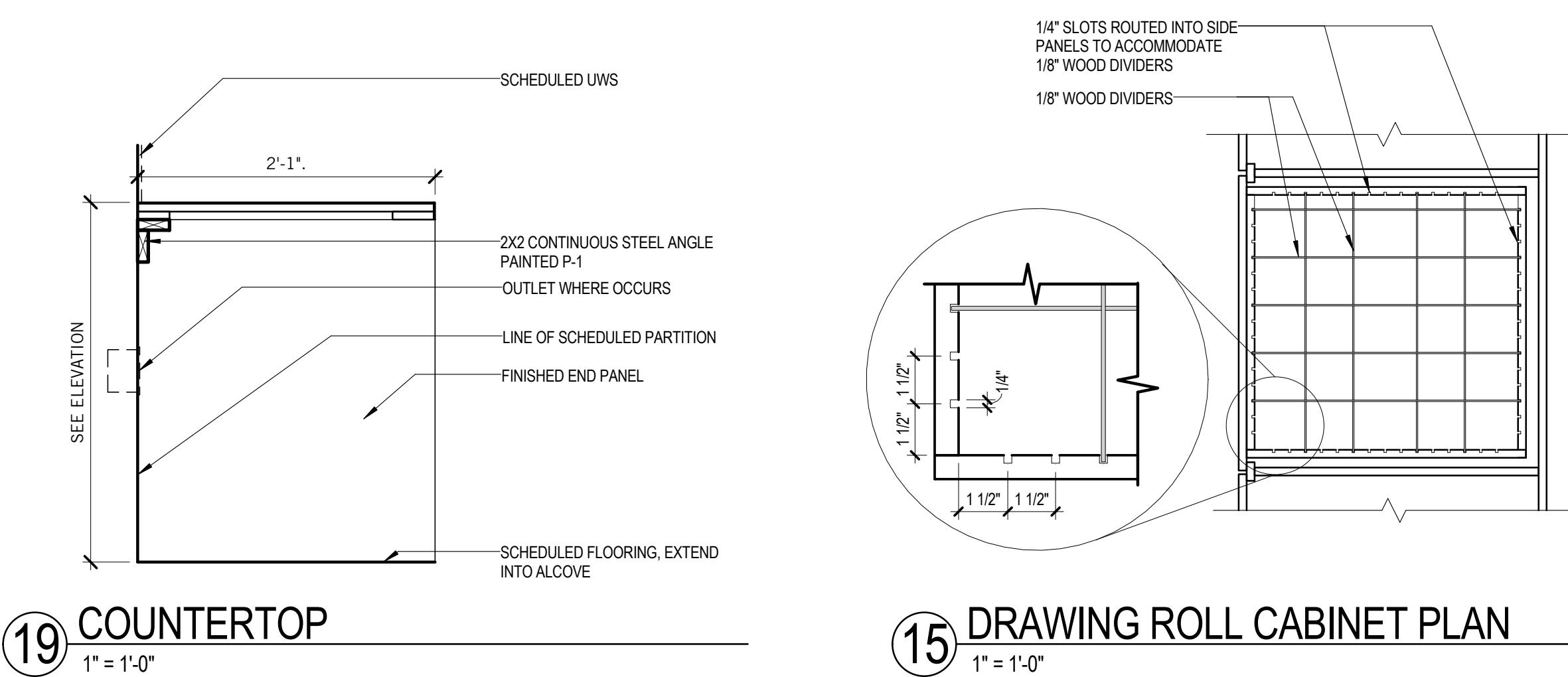


INTERIOR DETAILS -  
MILLWORK

SHEET NUMBER

A10-22

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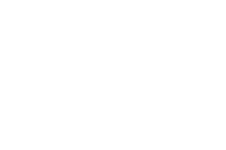
PROFESSIONAL CERTIFICATION: I  
CERTIFY THAT THESE DOCUMENTS  
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1009, EXPIRATION DATE 08.02.2016.



FOULGER-PRATT

FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN



ISSUE CHART

MARK	ISSUED FOR PERMIT/BID	06/28/15	DATE
Job Number	860424.000		
Drawn	DS/JR		
Checked	JP		
Approved	RL		

INTERIOR DETAILS -  
MILLWORK

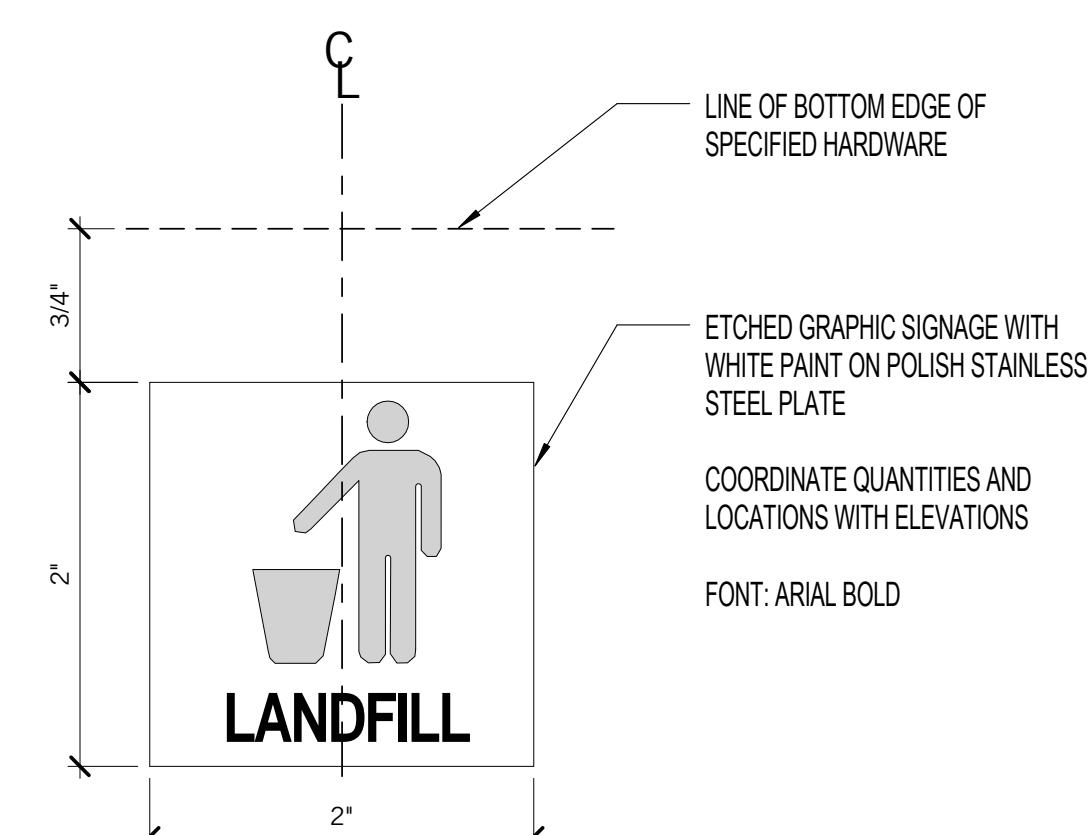
SHEET NUMBER

**A10-23**



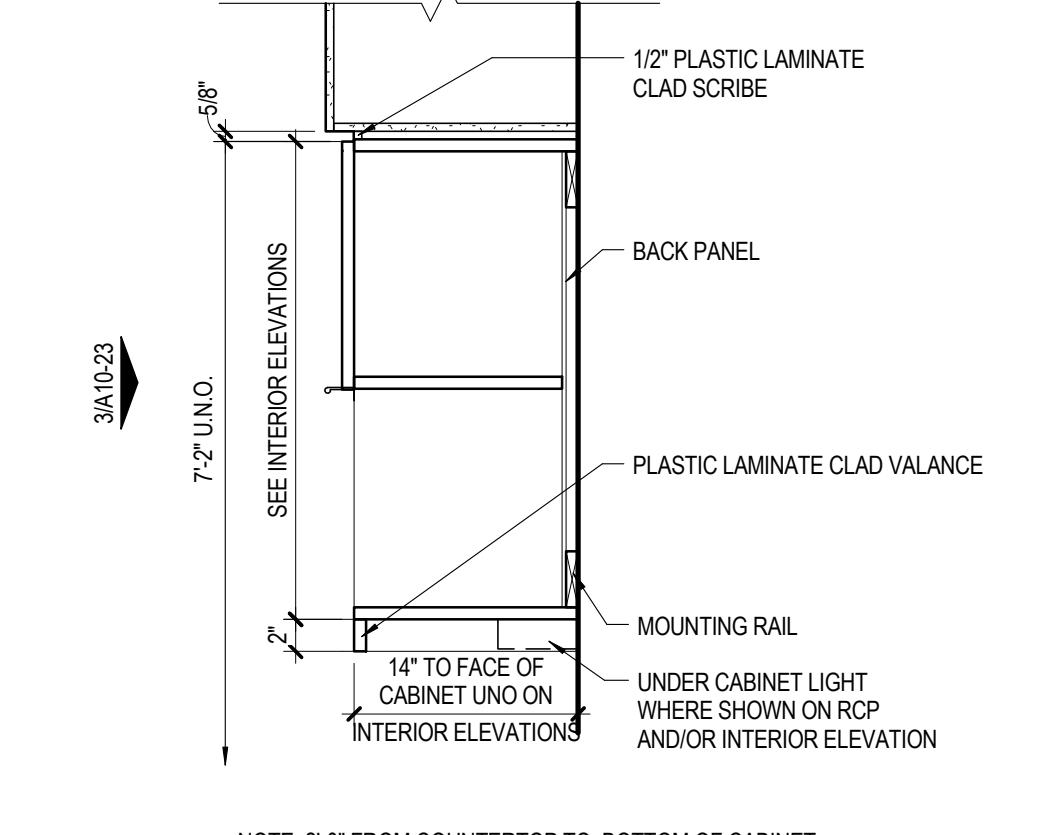
**③ UPPER CABINET CUBBIES  
DETAIL ELEVATION**

1" = 1'-0"



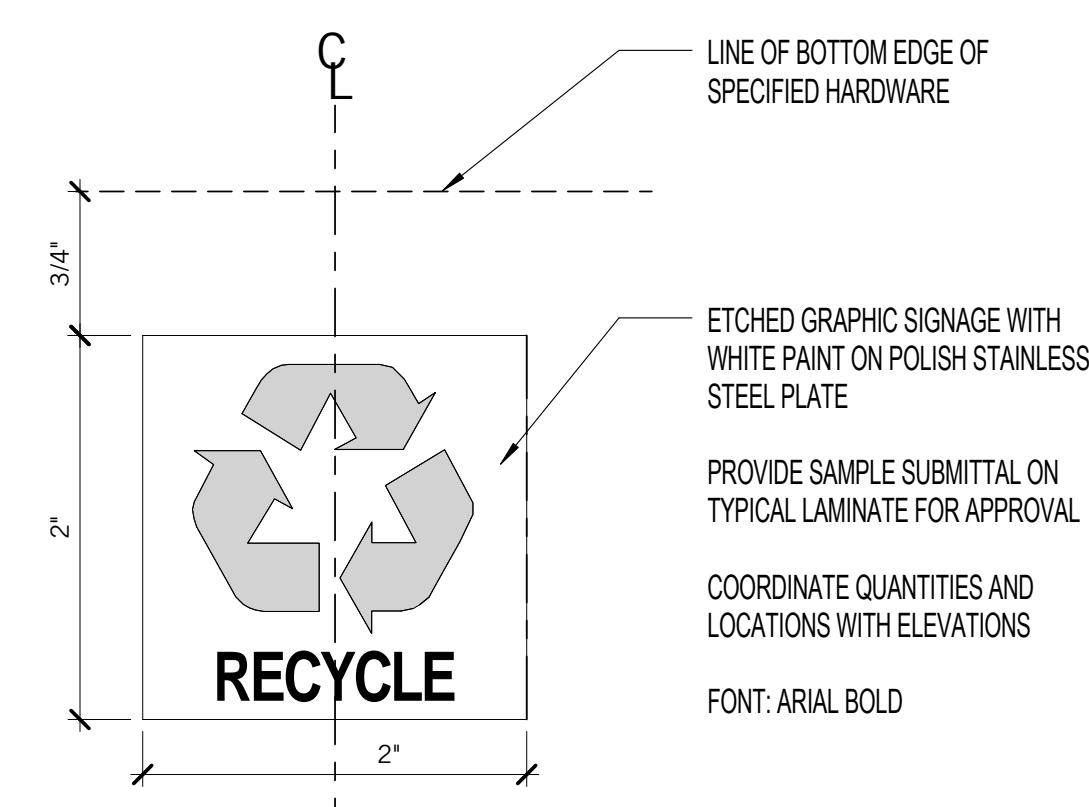
**⑤ GRAPHIC SIGNAGE @ TRASH**

12" = 1'-0"



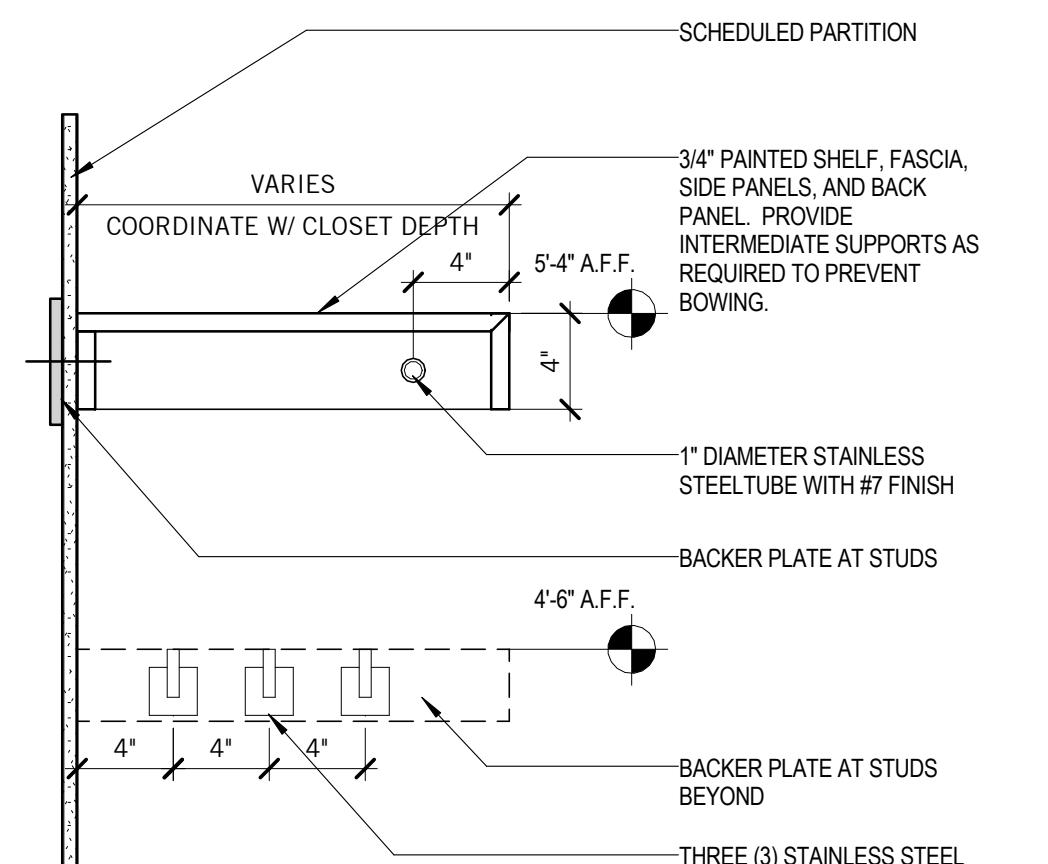
**② UPPER CABINET CUBBIES W/ BULKHEAD**

1" = 1'-0"



**④ GRAPHIC SIGNAGE @ RECYCLE**

12" = 1'-0"



**① COAT/CLOSET**

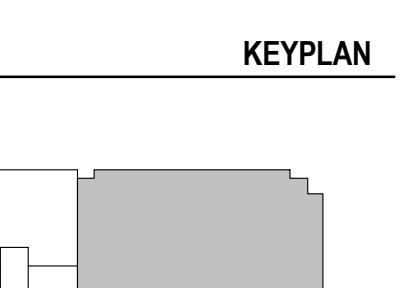
1 1/2" = 1'-0"

PROFESSIONAL CERTIFICATION: I  
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AND THAT I AM A DULY LICENSED  
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STATE OF MARYLAND, NUMBER  
1039, EXPIRATION DATE 08.02.2016.

PROJECT

**FOULGER-PRATT**

**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD



KEYPLAN

ISSUE CHART

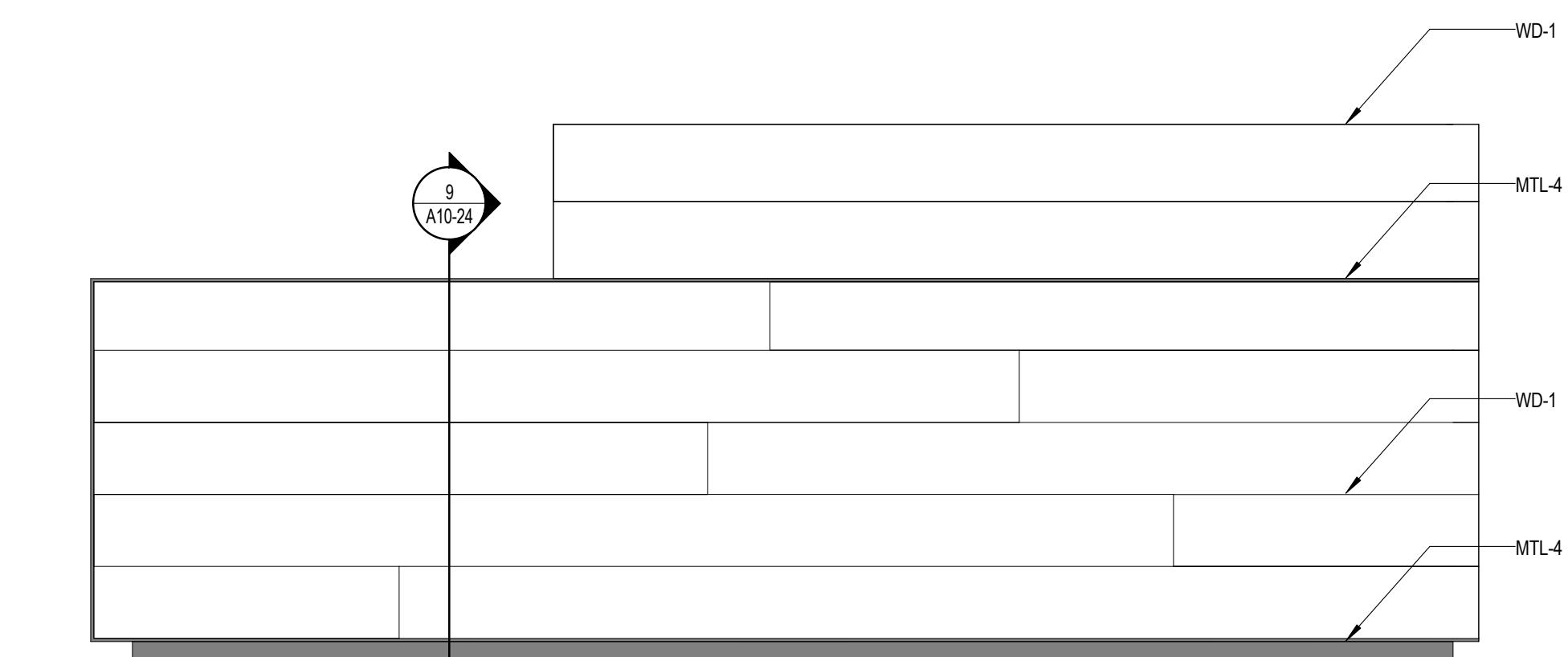
ISSUED FOR PERMIT/BID	05/28/15
90% CONSTRUCTION DOCUMENTS	05/01/15
75% CONSTRUCTION DOCUMENTS	05/01/15
ISSUE DATE	
Job Number	860424.000
Drawn	DS/JR
Checked	JP
Approved	RL
TITLE	

INTERIOR DETAILS -  
RECEPTION DESK

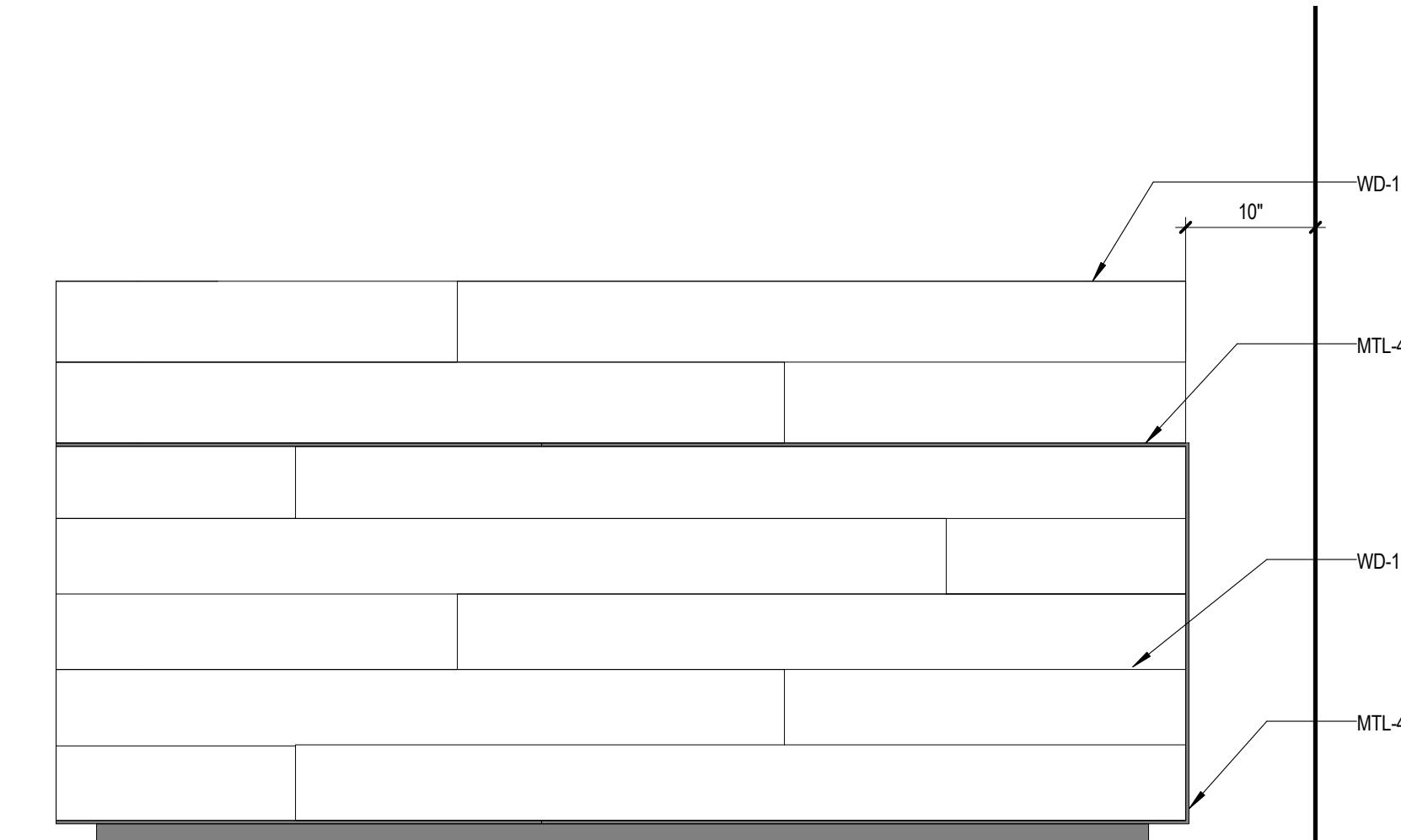
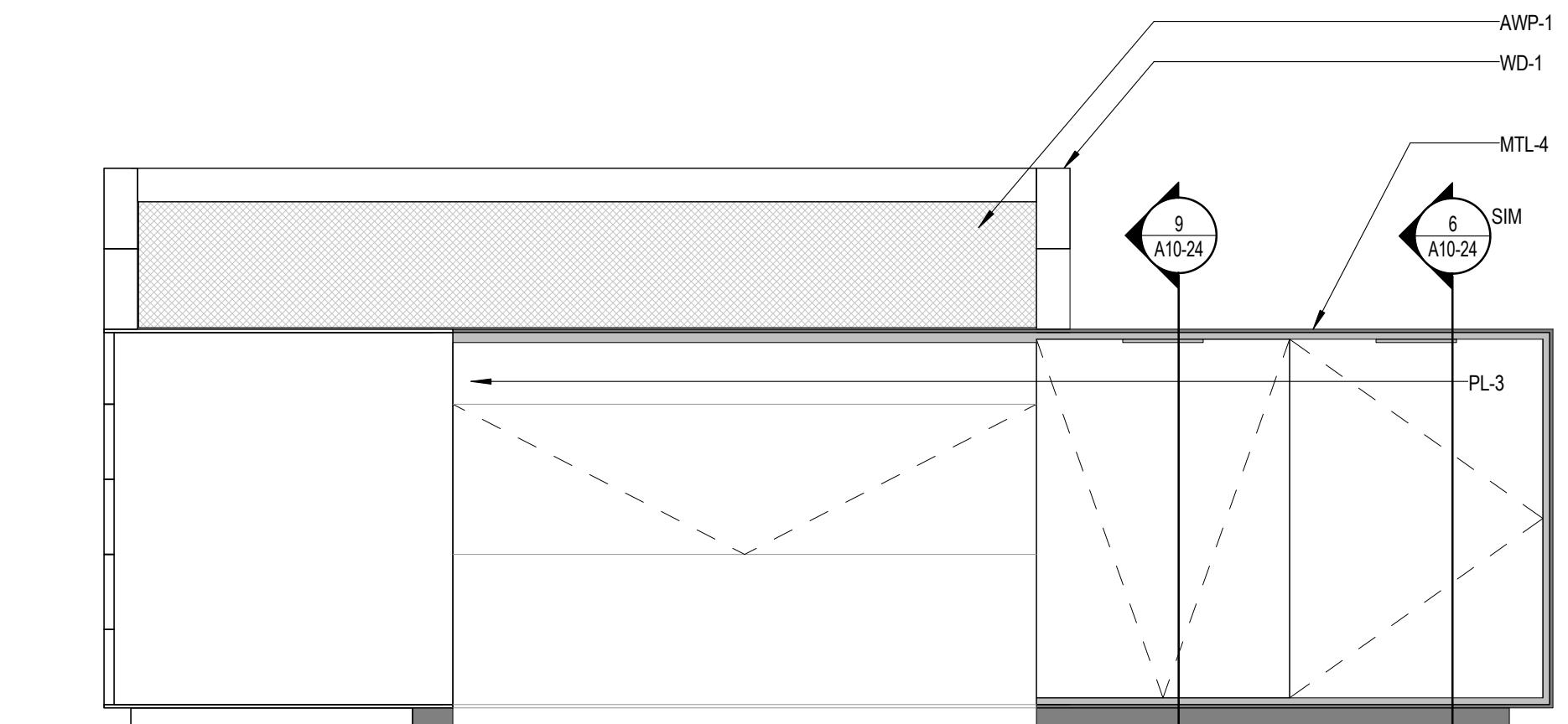
SHEET NUMBER

**A10-24**

⑧ RECEPTION DESK - ADA TRANSACTION COUNTER  
1" = 1'-0"

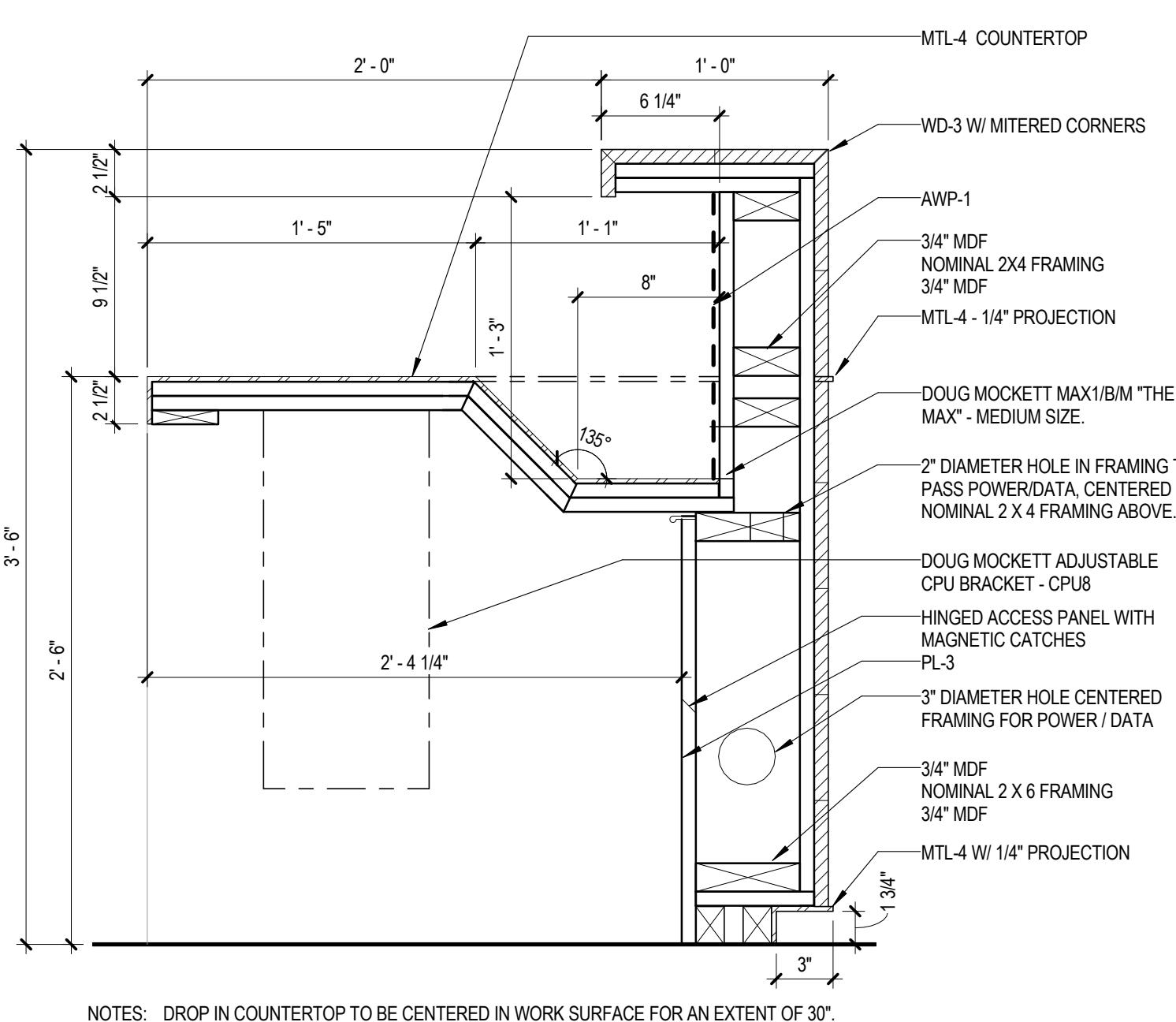


④ RECEPTION DESK - LOCKABLE STORAGE  
1" = 1'-0"

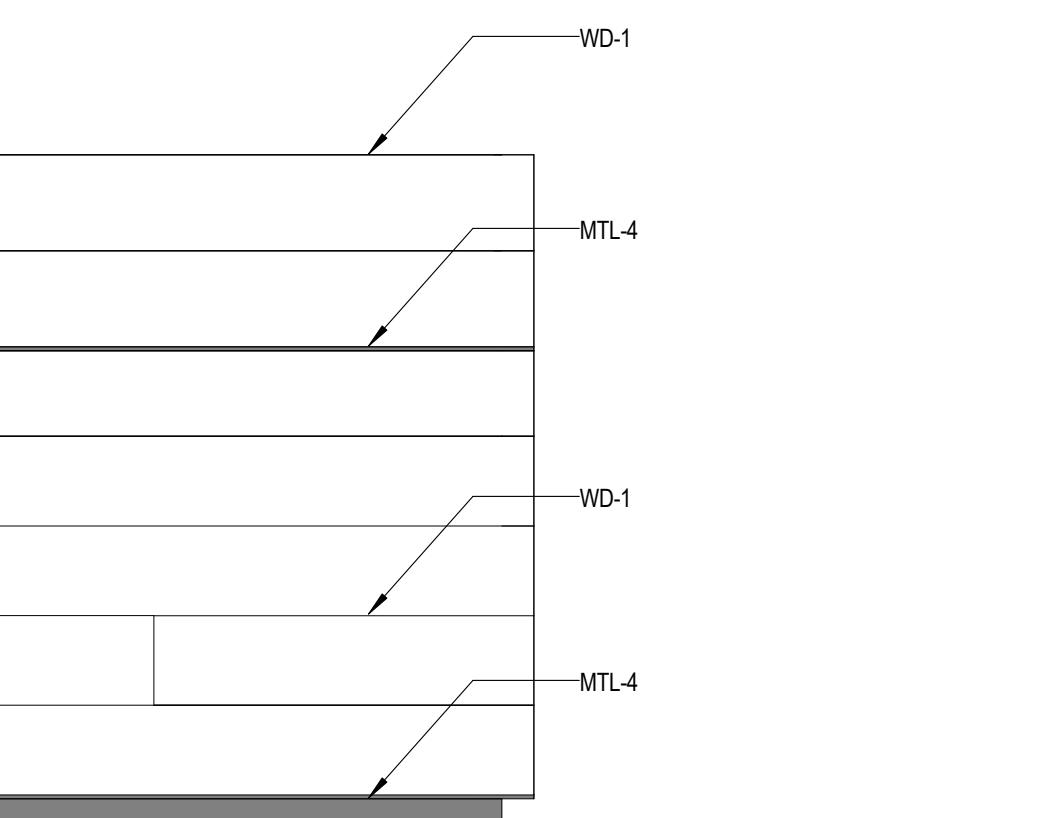


⑪ RECEPTION DESK - PRIVACY SCREEN  
1" = 1'-0"

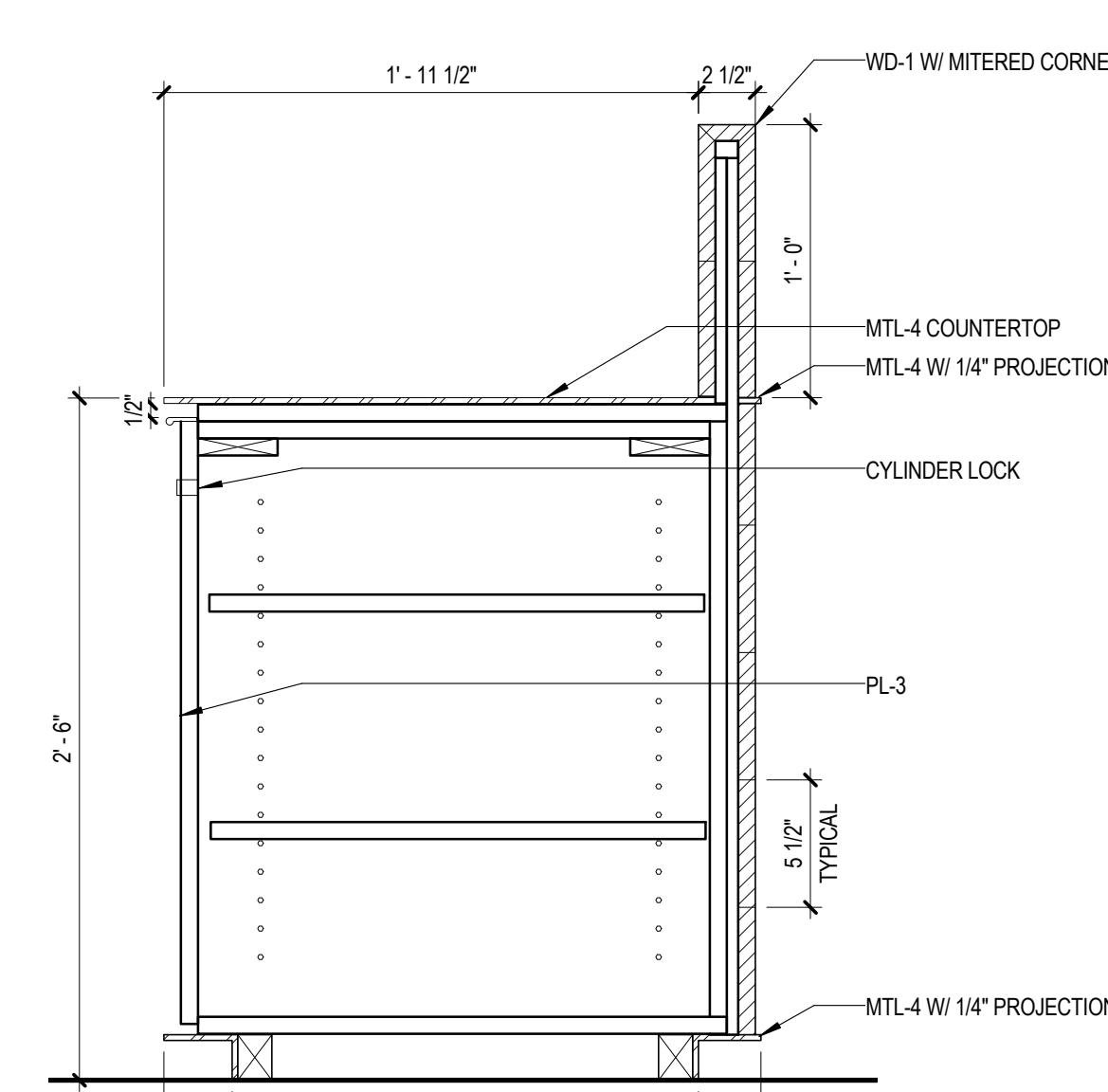
⑦ RECEPTION DESK - TRANSACTION LEDGE  
1" = 1'-0"



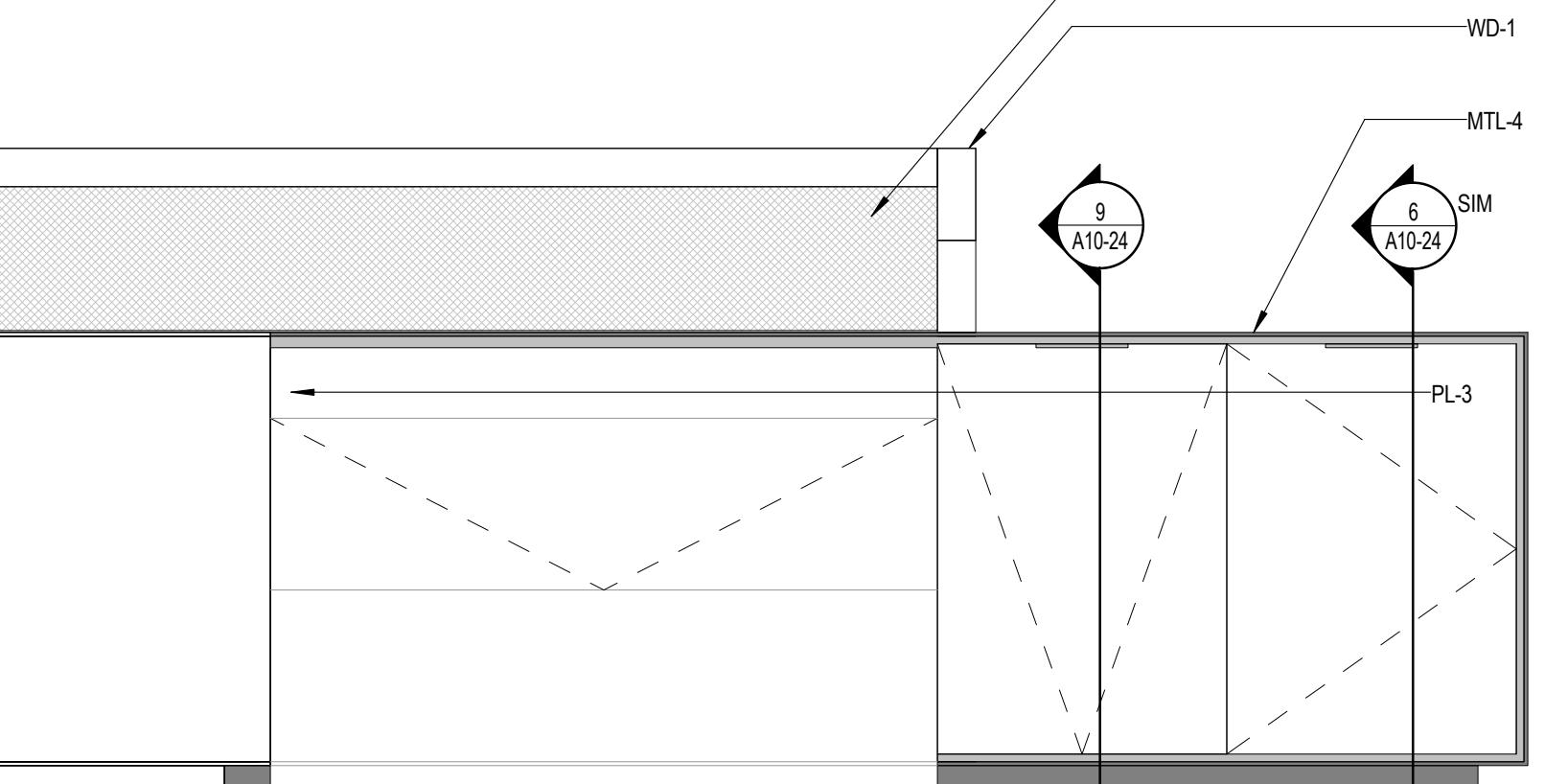
⑬ SECTION DETAIL - COUNTERTOP / TRANSACTION LEDGE  
1 1/2" = 1'-0"



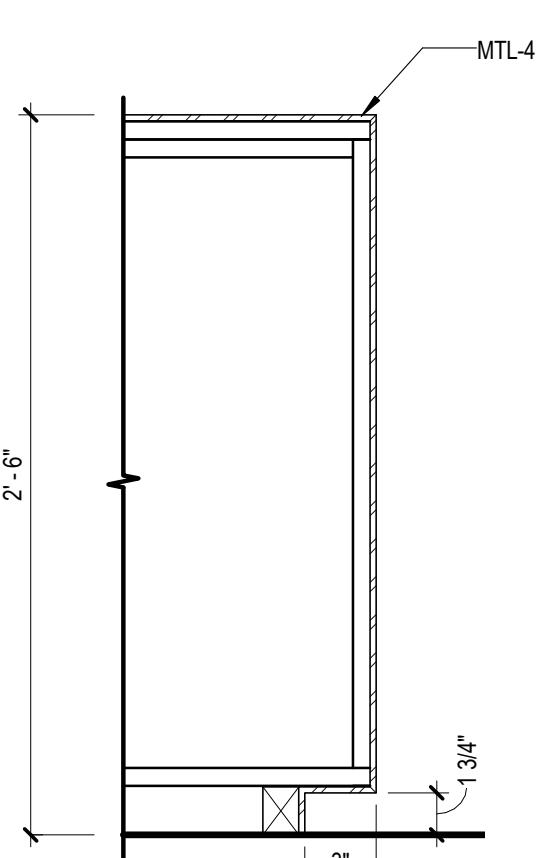
③ RECEPTION DESK - WORK SURFACE  
1" = 1'-0"



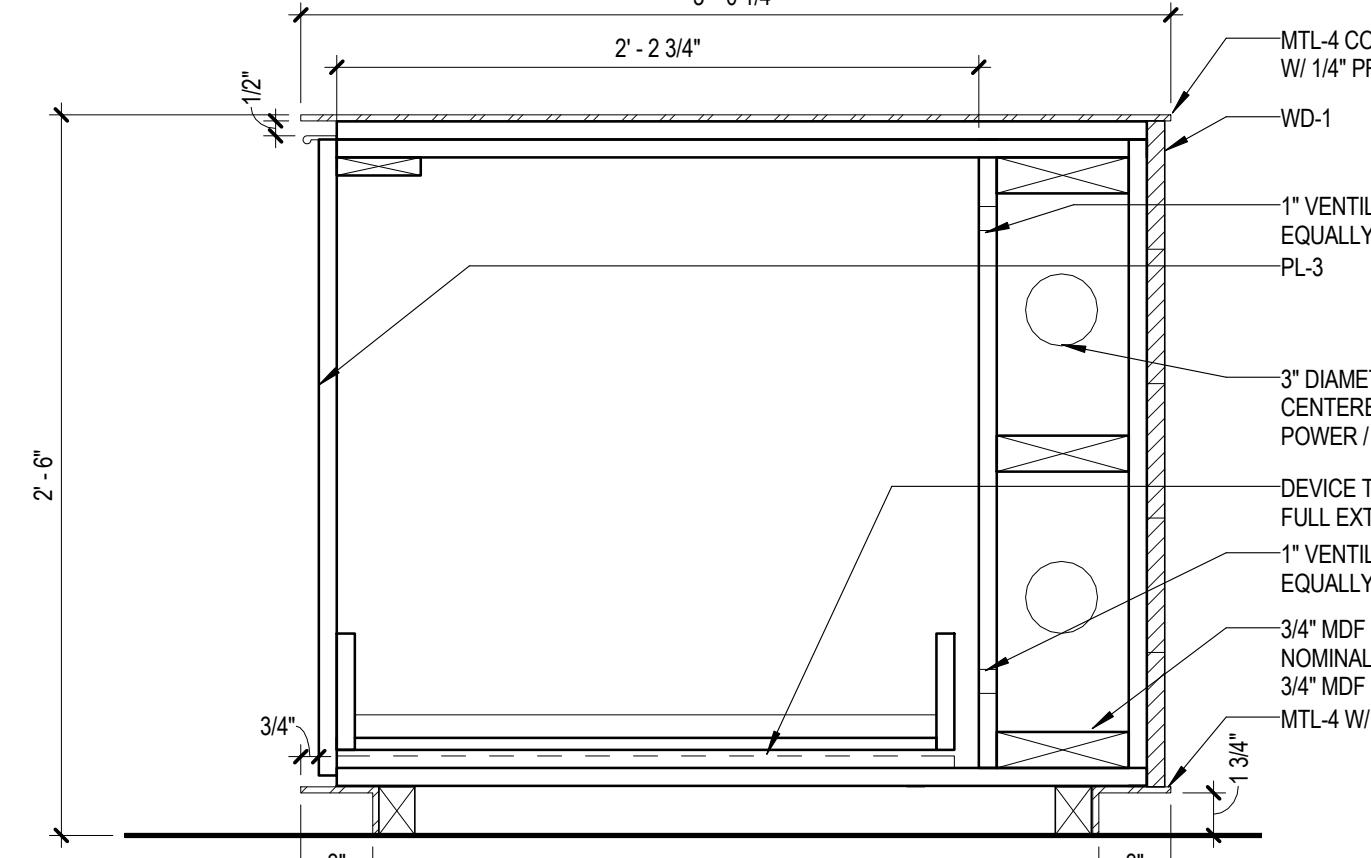
⑥ SECTION DETAIL - CABINET STORAGE  
1 1/2" = 1'-0"



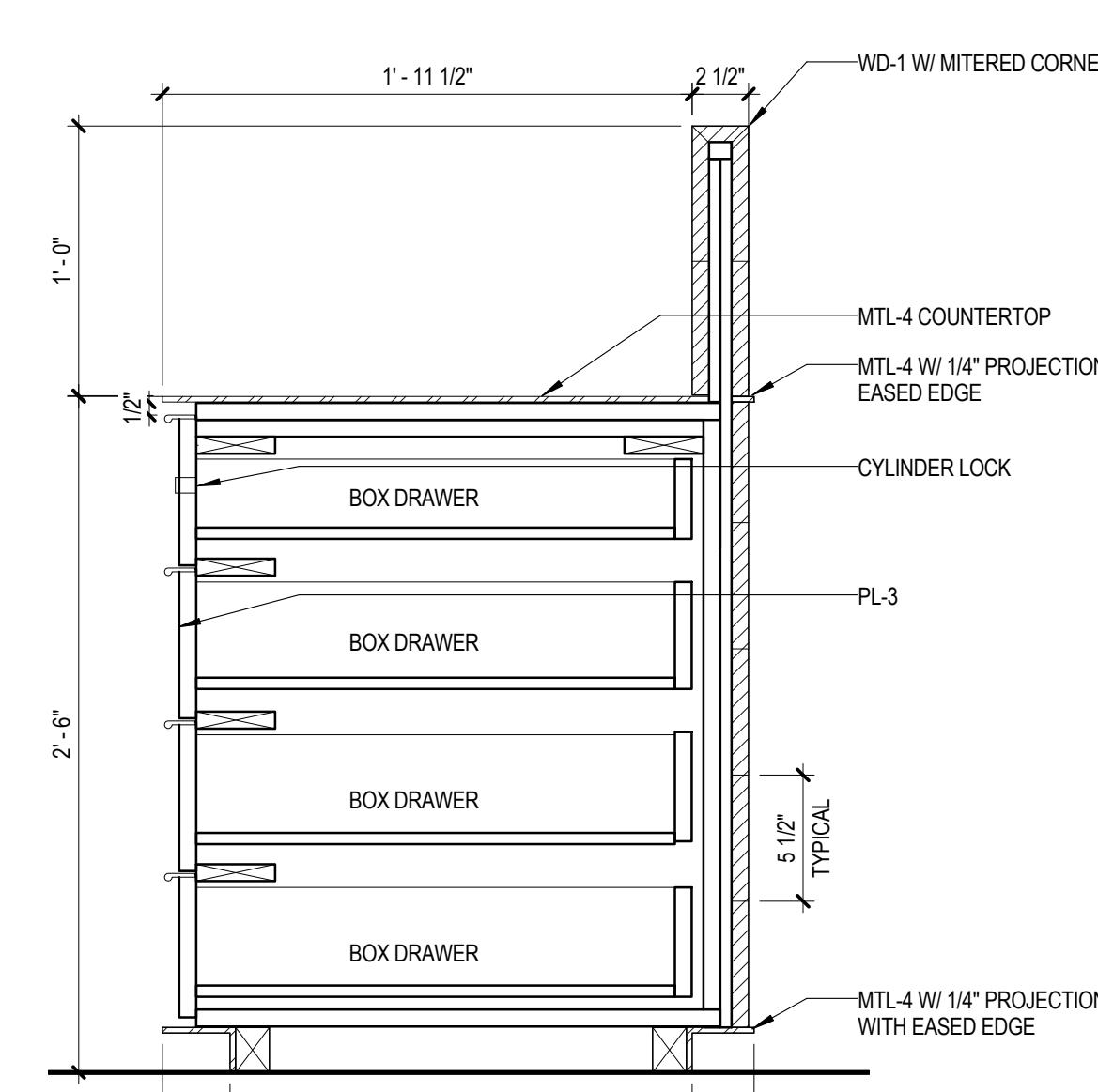
② PLAN DETAIL - TRANSACTION COUNTER  
1 1/2" = 1'-0"



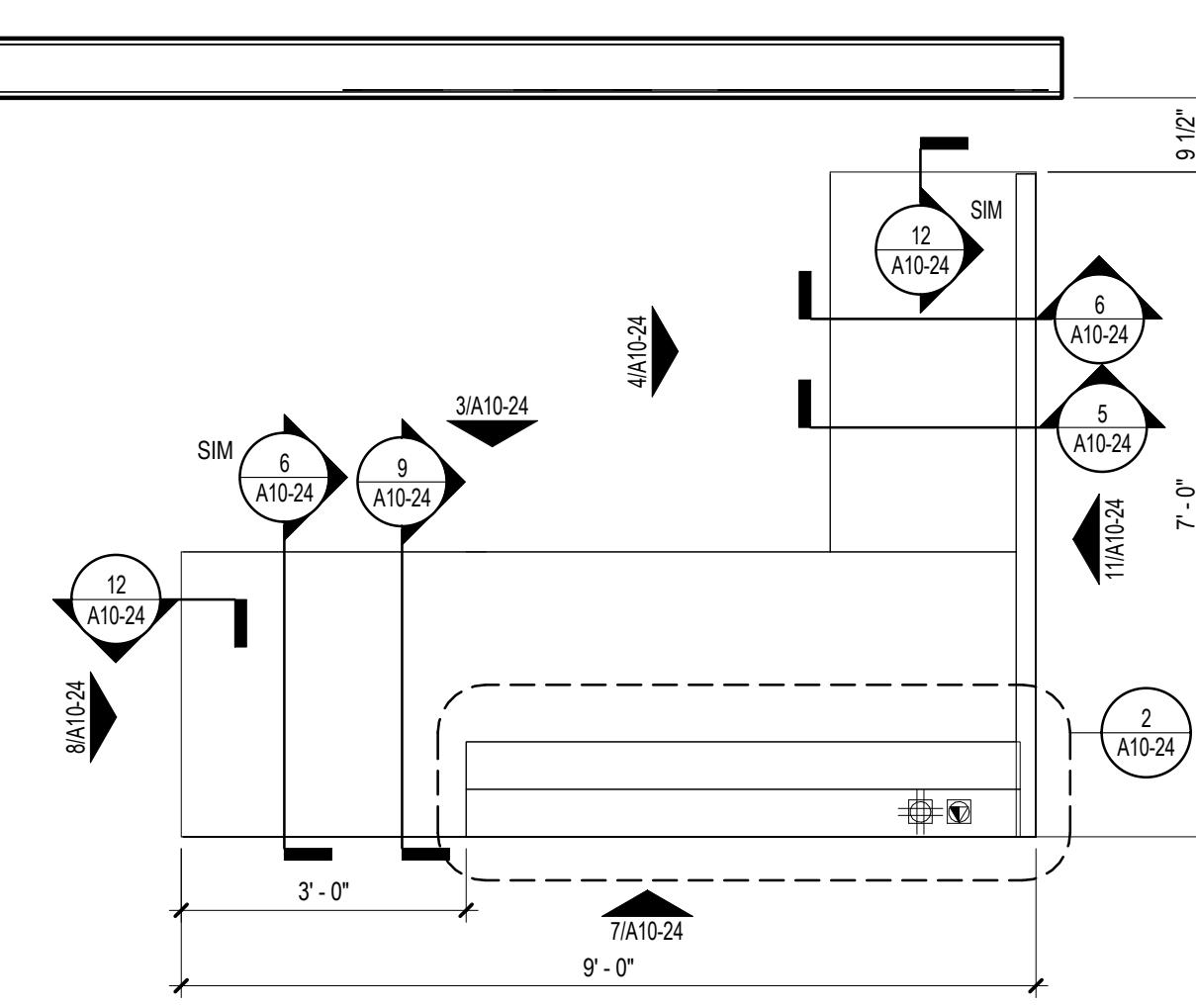
⑫ SECTION DETAIL - END OF RECEPTION DESK  
1 1/2" = 1'-0"



⑨ SECTION DETAIL - DEVICE TRAY  
1 1/2" = 1'-0"



⑤ SECTION DETAIL - 4 BOX DRAWERS  
1 1/2" = 1'-0"



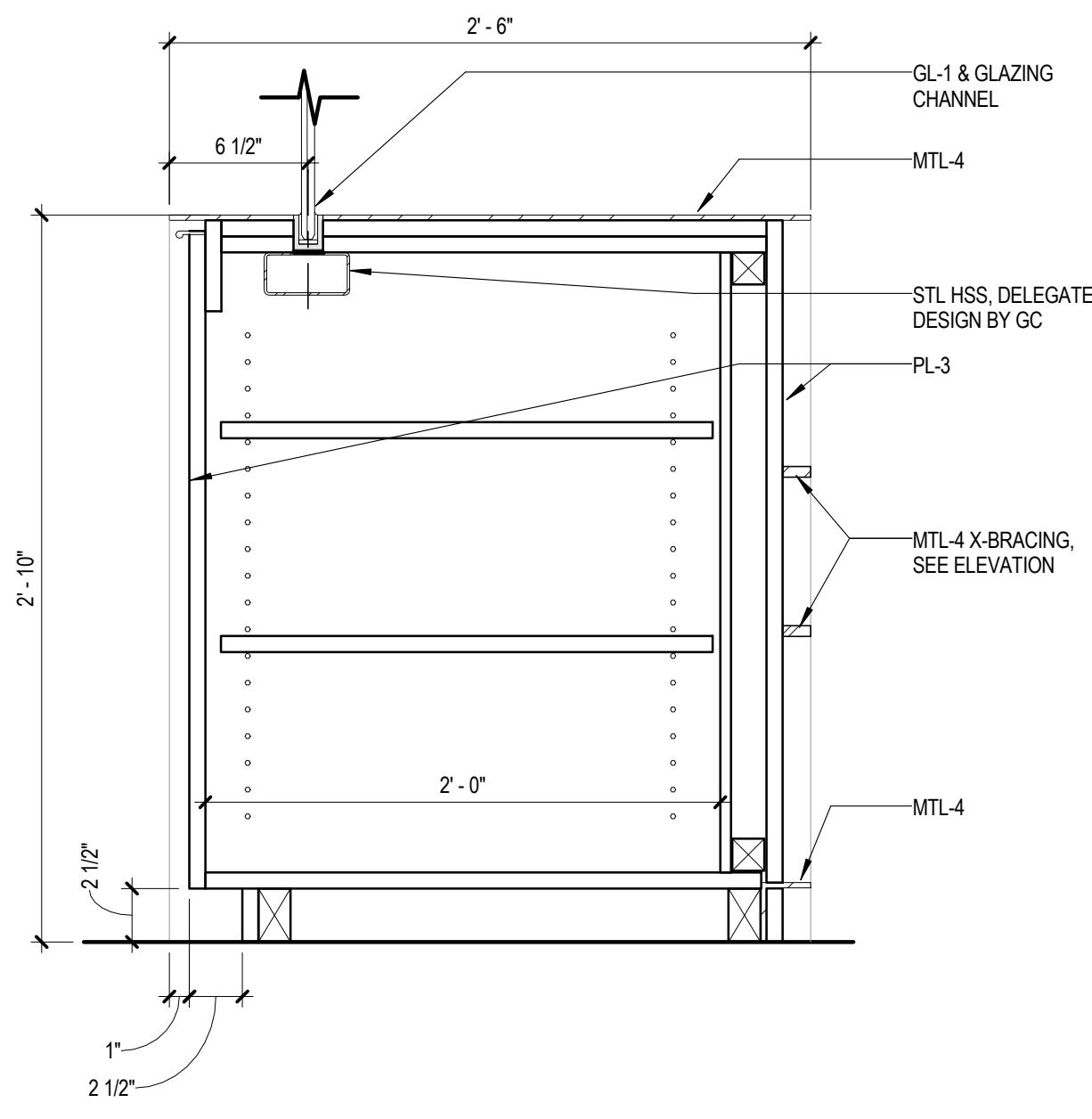
① ENLARGED PLAN - RECEPTION DESK  
1" = 1'-0"

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ARCHITECT UNDER THE LAWS OF THE  
STATE OF MARYLAND, NUMBER  
1039, EXPIRATION DATE 08.02.2016.

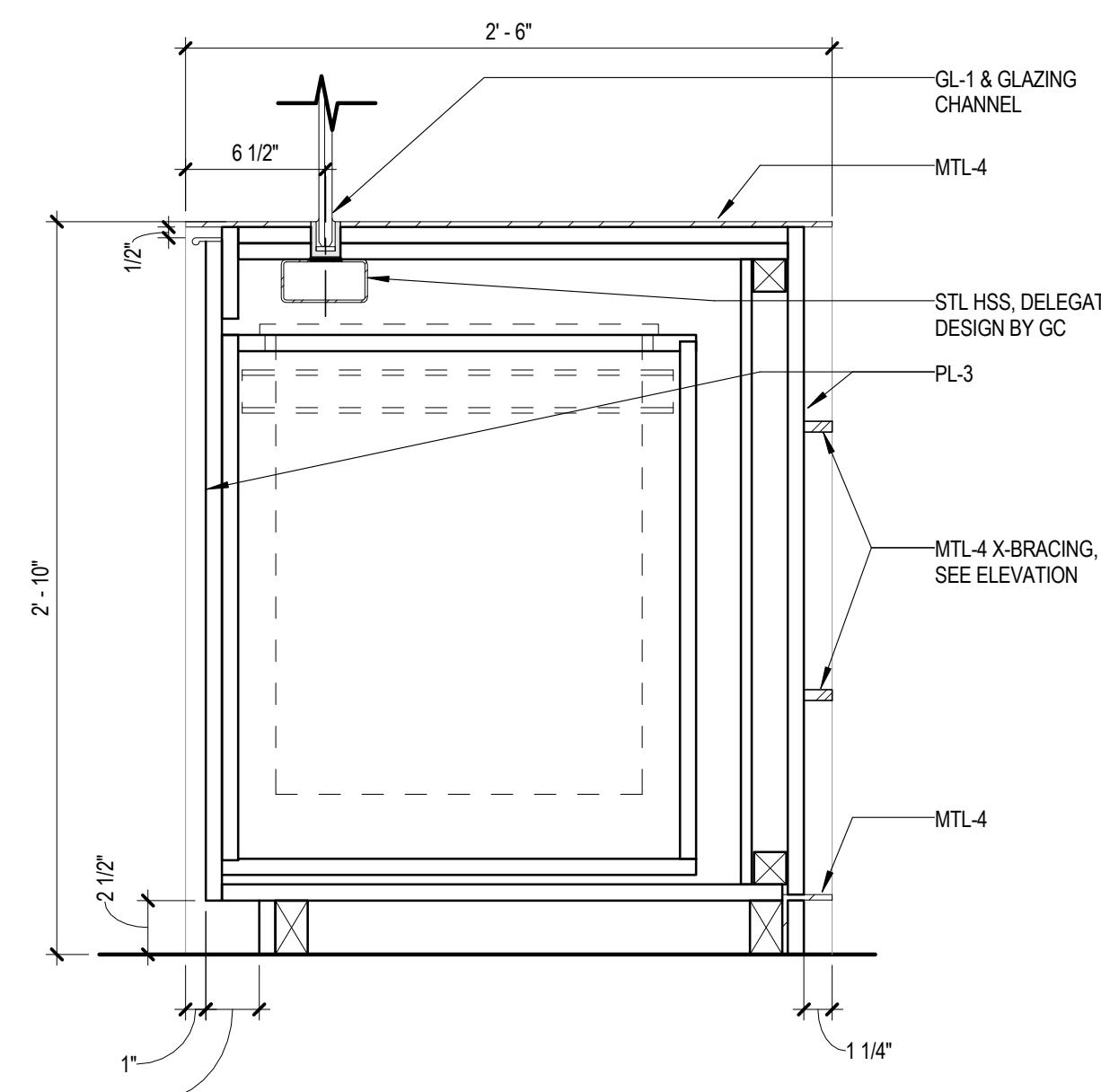
PROJECT

**FOULGER-PRATT**

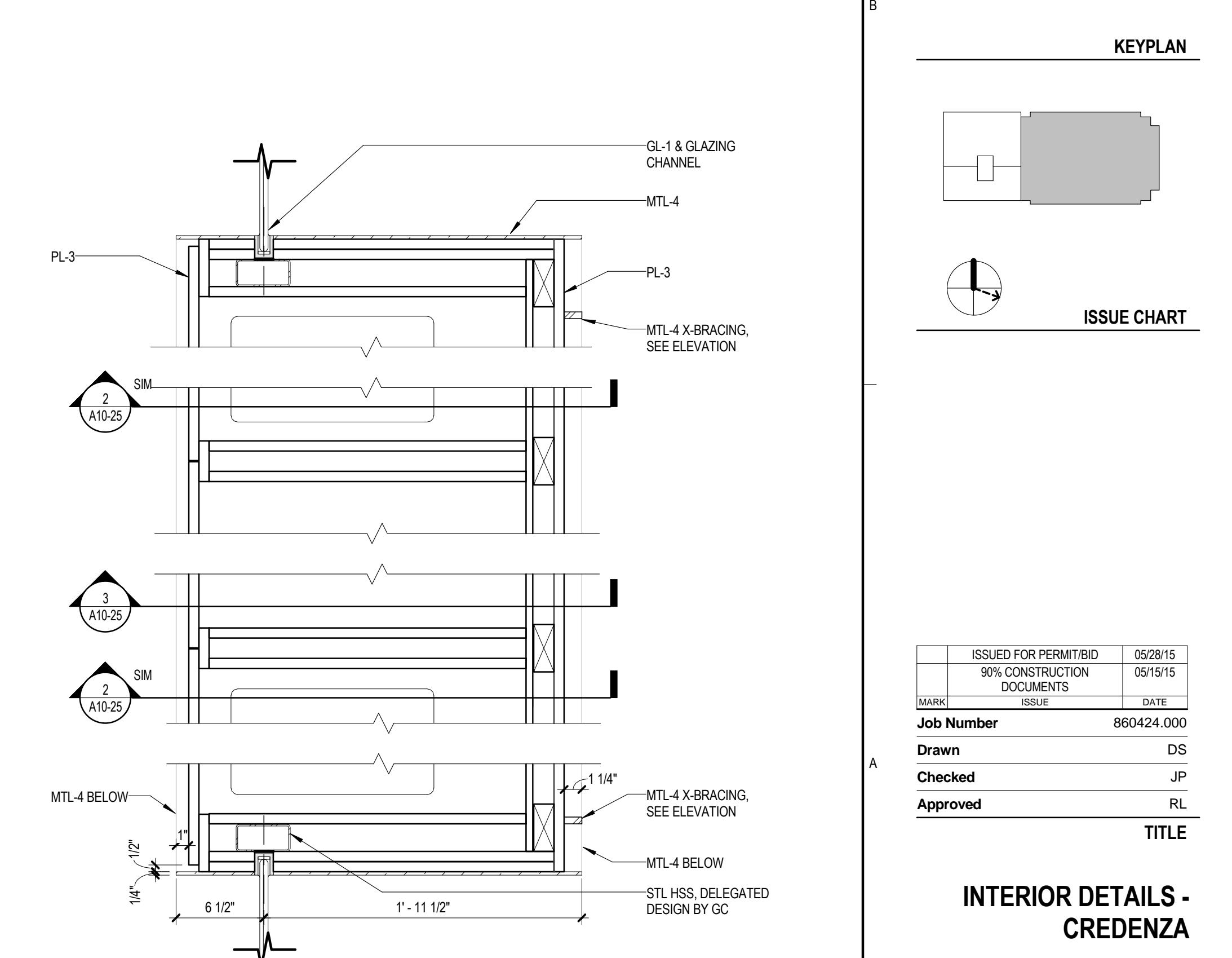
FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD



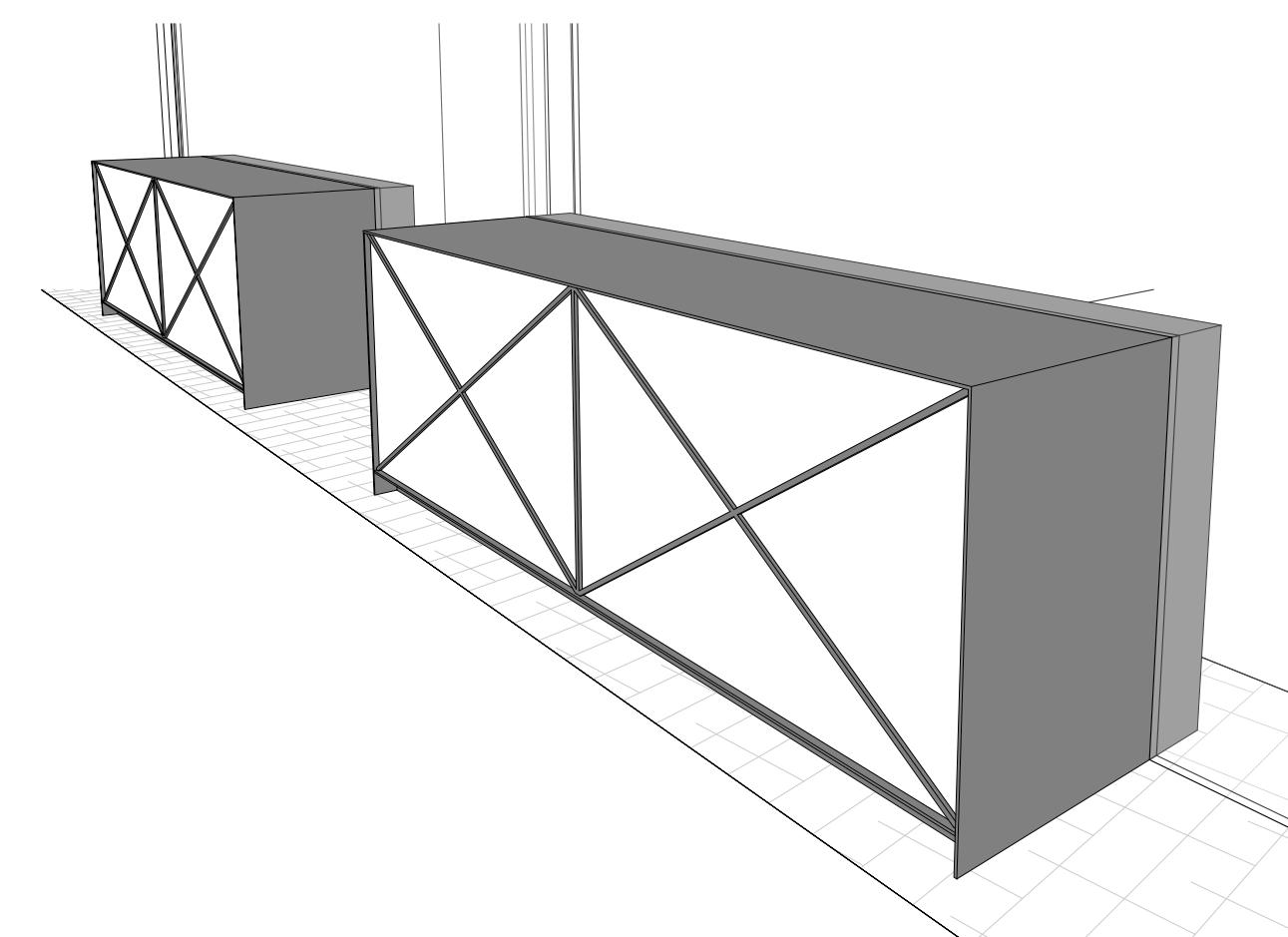
(3) CONFERENCE ROOM CABINET  
1 1/2" = 1'-0"



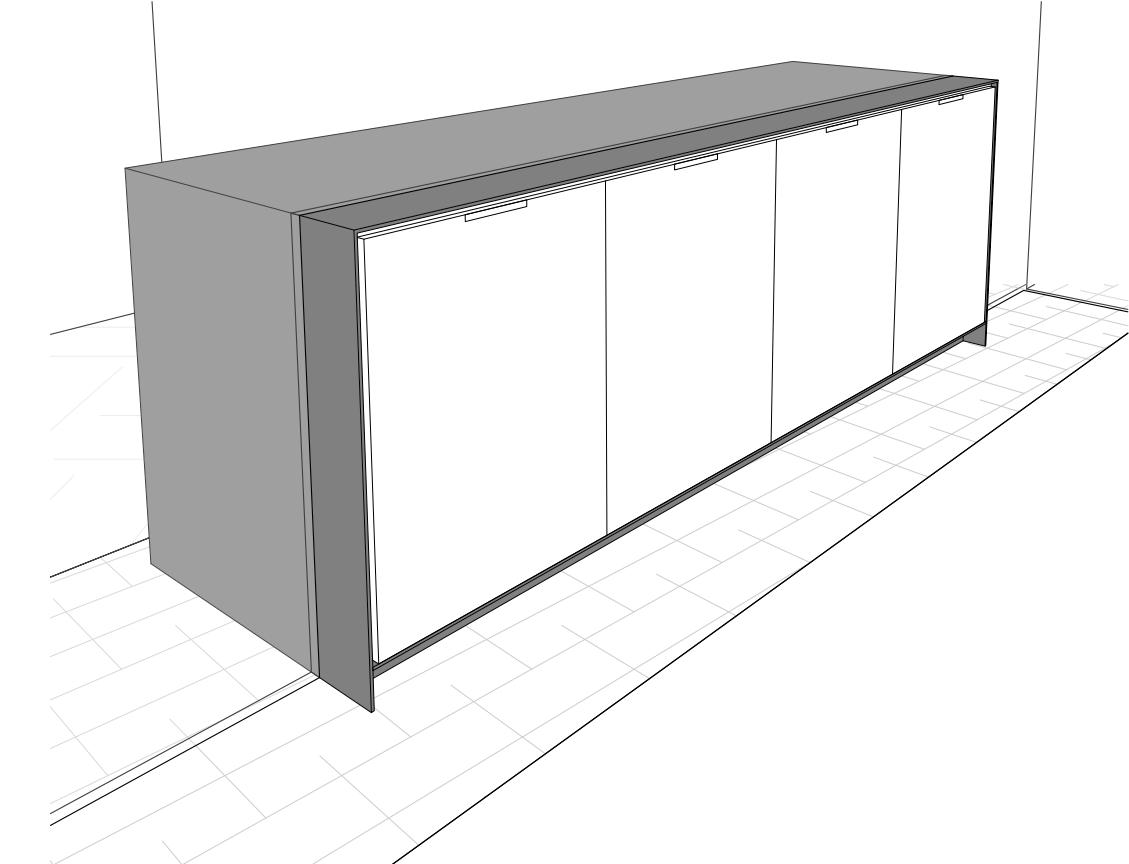
(2) CONFERENCE ROOM CABINET - TRASH DRAWER  
1 1/2" = 1'-0"



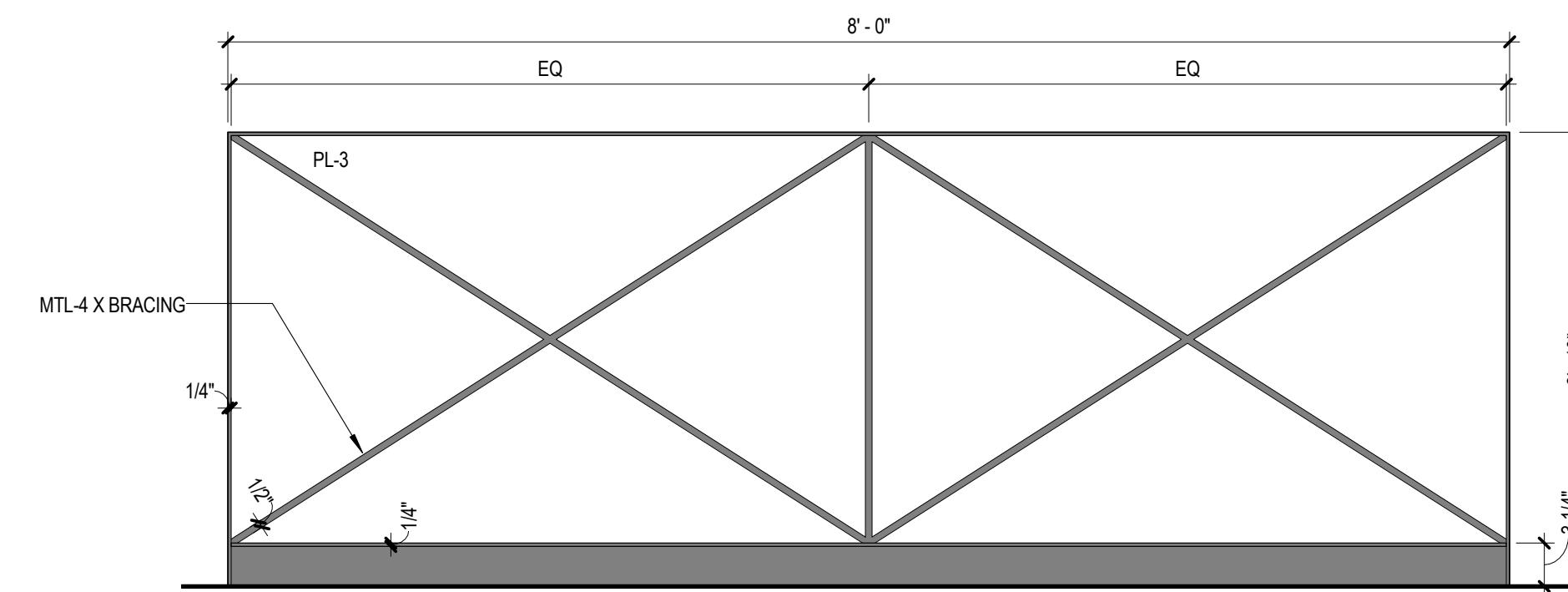
(1) CONFERENCE ROOM CABINET PLAN  
1 1/2" = 1'-0"



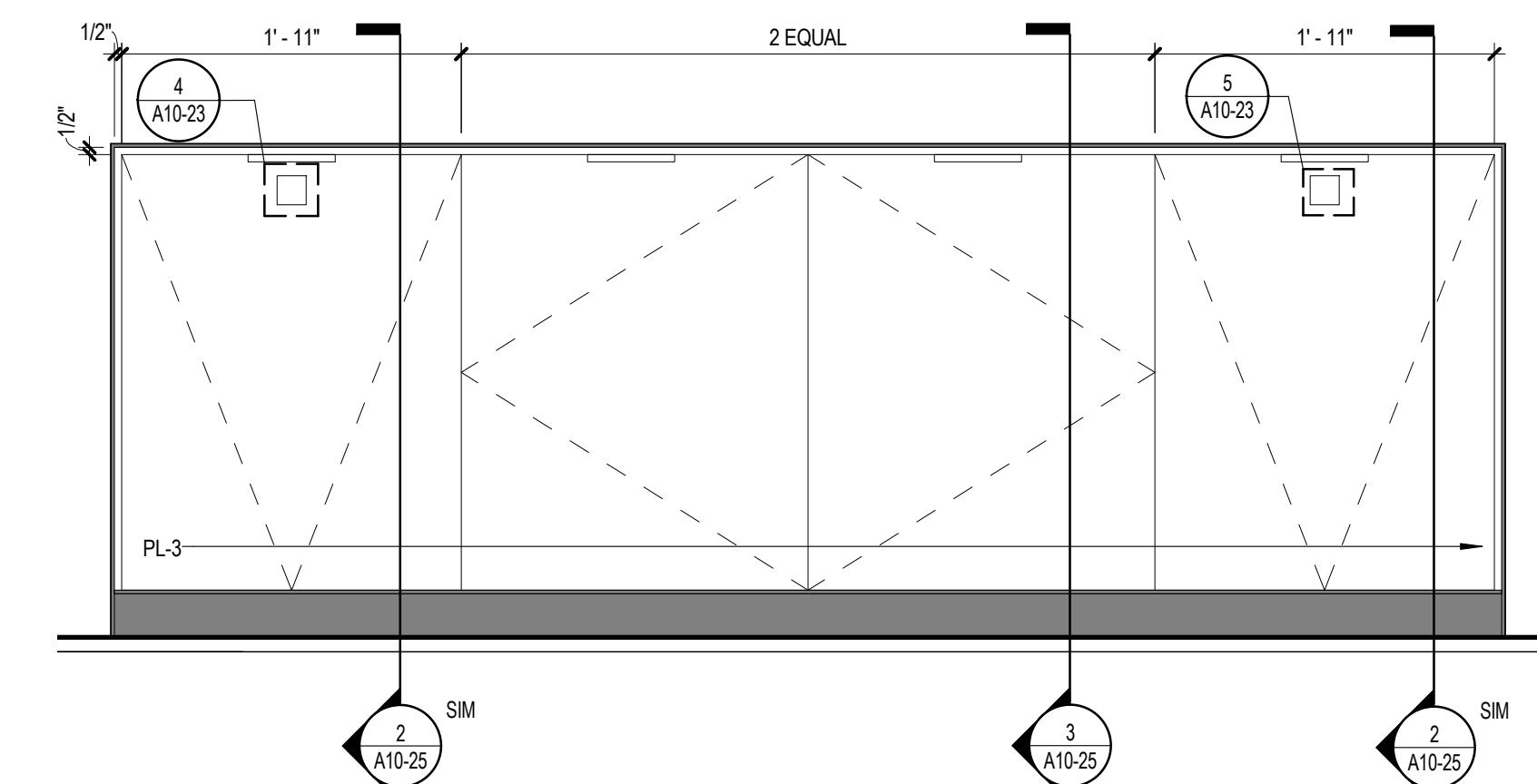
(7) CONFERENCE ROOM CABINETS FROM CORRIDOR 204



(5) CONFERENCE ROOM CABINET FROM CONFERENCE 208



(6) CONFERENCE ROOM CABINET - CORRIDOR ELEVATION  
1" = 1'-0"



(4) CONFERENCE ROOM CABINET - CONFERENCE ELEVATION  
1" = 1'-0"

ISSUED FOR PERMIT/BID	05/28/15
90% CONSTRUCTION COMPLETION	05/15/15
MARK	ISSUE DATE
Job Number	860424.000
Drawn	DS
Checked	JP
Approved	RL
TITLE	

INTERIOR DETAILS -  
CREDENZA

SHEET NUMBER

**A10-25**

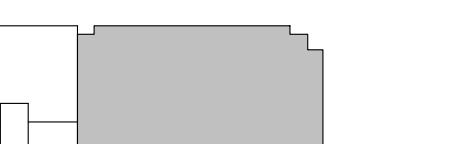
PROFESSIONAL CERTIFICATION I  
CERTIFY THAT THESE DOCUMENTS  
WERE PREPARED OR APPROVED BY ME,  
AND THAT I AM A DULY LICENSED  
ARCHITECT UNDER THE LAWS OF THE  
STATE OF MARYLAND NUMBER  
1039, EXPIRATION DATE 08.02.2016.

PROJECT

**FOULGER-PRATT**

**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN




ISSUE CHART

ISSUED FOR PERMIT/BID	05/28/15
90% CONSTRUCTION DOCUMENTS	05/15/15
75% CONSTRUCTION DOCUMENTS	05/01/15
DATE ISSUED	
Job Number	860424.000
Drawn	JR
Checked	JP
Approved	RL
TITLE	

**INTERIOR DETAILS - CEILINGS**

SHEET NUMBER

**A10-26**



PROFESSIONAL CERTIFICATION: I  
CERTIFY THAT THESE DOCUMENTS  
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AND THAT I AM A DULY LICENSED  
ARCHITECT UNDER THE LAWS OF THE  
STATE OF MARYLAND, NUMBER  
10309, EXPIRATION DATE 08.02.2016.

PROJECT

**FOULGER-PRATT**

**FOULGER-PRATT  
HEADQUARTERS**  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN



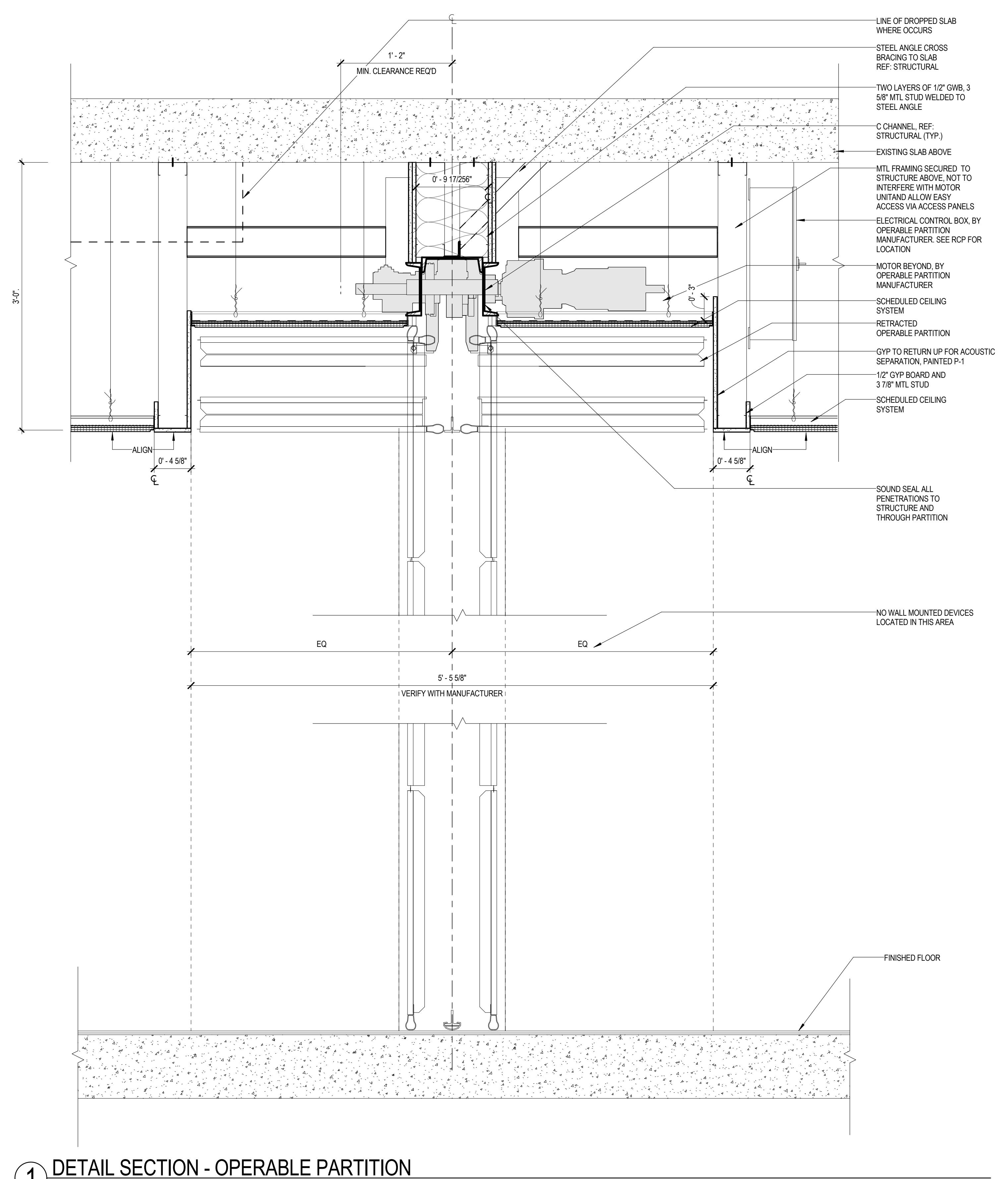
ISSUE CHART

ISSUED FOR PERMIT/BID	05/28/15
90% CONSTRUCTION DOCUMENTS	05/15/15
MARK	ISSUE DATE
Job Number	860424.000
Drawn	DSJ/R
Checked	JP
Approved	RL

**INTERIOR DETAILS -  
OPERABLE PARTITION**

SHEET NUMBER

**A10-27**



① DETAIL SECTION - OPERABLE PARTITION

CAGLEY & ASSOCIATES  
CONSULTING STRUCTURAL ENGINEERS

B141 Executive Boulevard  
Rockville, Maryland 20852  
(301) 881-1125  
Fax: (301) 881-1125  
[www.cagley.com](http://www.cagley.com)

24 April 2015

JON PENNDORF  
Perkins + Will  
1250 24th Street, NW  
Washington, DC 20037

RE: PARK POTOMAC BUILDING D FOLDING PARTITION  
POTOMAC, MARYLAND

The partition labeled P9 in your "A00-02 Level 02 Partition Plan" is located between conference rooms #207 and #208 on the west side of the floor between gridlines 5 and 6. The dimensions and weight of the partition are given as 20.58' in length, 11.65' in height and a total weight excluding the motor of 1,765 lbs (motor is 450 lbs).

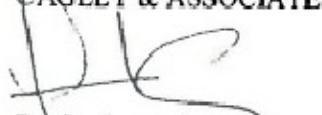
The structure in this area, as shown in our structural drawing S2.05, dated July 21, 2014, consists of a 7" one-way post tensioned concrete flat slab spanning 28' between 72"x20" post tensioned beams.

Our analysis has shown that the existing slab is capable of supporting the additional weight of the partition and motor as located in the architectural drawing without the need of any supplemental reinforcing. Our design maintains the minimum reduced 80 psf Code design live load for the tenant space throughout the balance of the space.

We have attached a structural detail for adding a supporting steel beam to lower the attachment point if needed by the manufacturer. All existing reinforcing (PT cables and rebar) must be located prior to drilling any new anchors or bolts. No existing reinforcing should be damaged.

Our design assumes that no other loads, in excess of the maximum allowable live load shown in the plans, have been (or will be) placed in the bay where these partitions are located. Please remember that this area will have to be re-analyzed if the maximum weight of the unit is increased or if its location is changed.

Please contact us if you require any additional information.

  
CAGLEY & ASSOCIATES, INC.  
Daniel Camp, P.E.  
Principal

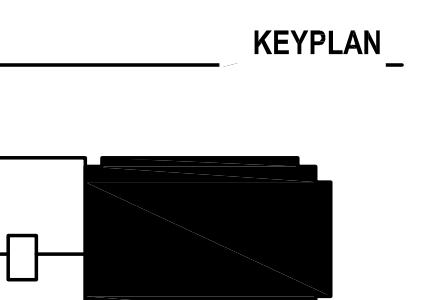
SK-1

2015 027.70

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland. License No. 16796 Exp. Date 01/29/2016

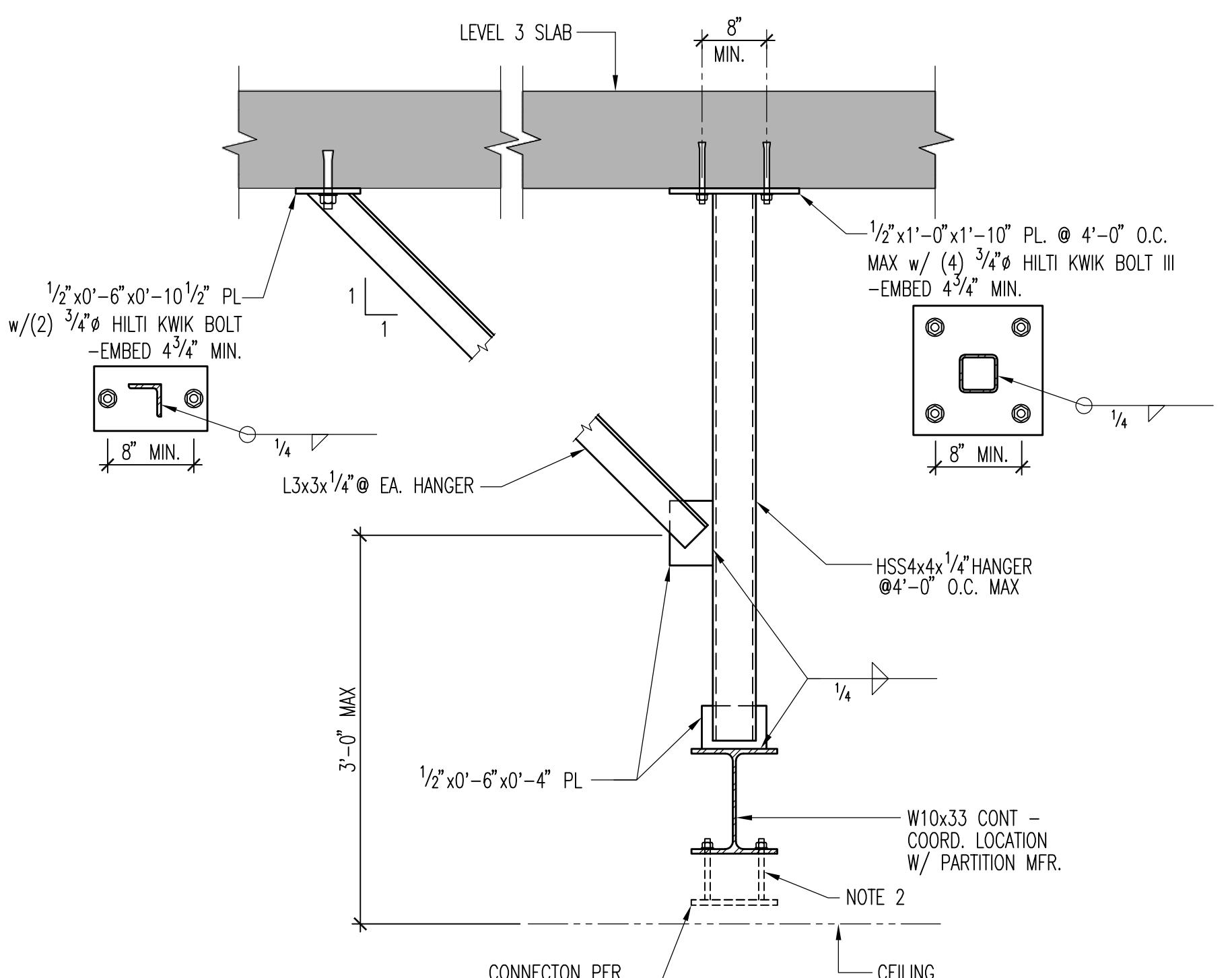
PROJECT

FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD



ISSUED FOR PERMIT & BID

5/28/2015



① OPERABLE PARTITION SUPPORT

- NOTES:
1. CONTRACTOR TO COORDINATE ALL REQUIREMENTS WITH EXACT PARTITIONING PURCHASED.
  2. COORDINATE HANGER SPACING REQUIREMENTS WITH PARTITION MANUFACTURER.
  3. LOCATE ALL EXISTING REINFORCING (PT CABLES AND REBAR) PRIOR MANUFACTURER. DO NOT CUT ANY REINFORCING.

MADE	ISSUE	DATE
Job Number		860424.000
Drawn		DC
Checked		DC
Approved		DC
		TITLE

SKYFOLD FOLDING  
PARTITION SUPPORT

SHEET NUMBER

S00-01

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CAGLEY & ASSOCIATES Structural Engineers Rockville, MD 20852-3973 Phone (301) 881-9050	
CAGLEY & ASSOCIATES	
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1 PROJECT No. 2015027.70

### ABBREVIATIONS

A	AMPERES
AC	AIR CONDITIONING
ACC	AIR COOLED CONDENSER
ACCU	AIR COOLED CONDENSING UNIT
ACS	AUTOMATION CONTROL SYSTEM
ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
APL	ACCESS PANEL LINING
AP	ACCESS PANEL
B	BOILER
BOD	BREAKDOWN DAMPER
BHP	BRACE HORSEPOWER
BOD	BOTTOM OF DUCT
BTU	BTUH
BTU	BRITISH THERMAL UNITS
BTU/H	BTU PER HOUR
CAP	CAPACITY
CC	COOLING COIL
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
CFS	CUOTATION FIRE/SMOKE DAMPER
CG	CEILING GRILLE
CH	CHILLER
CHWP	CHILLED WATER PUMP
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CLG	CEILING
COND	CONDENSATE
COOL	COOLING
CP	CONDENSATE PUMP
CR	COOLER
CT	COOLING TOWER
CUH	CABINET UNIT HEATER
CV	CONSTANT VOLUME
CW	DOMESTIC COLD WATER
CWP	CONDENSER WATER PUMP
CWSR	CONDENSER WATER SUPPLY & RETURN
D	DEMO
DB	DRY BULB
DC	DRY COOLER
DHW	DOMESTIC HOT WATER
DIAM	DIAMETER
DIM	DIMENSIONS
DN	DOWN
DSR	DIGITAL SWITCH ROOM
DWG	DRAWING
DX	DIRECT EXPANSION
E	EXISTING
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY BULB TEMPERATURE
EF	EXHAUST FAN
EFF	EFFICIENCY
EG	EVAPORATOR GRILLE
ELV	EVAPORATION
ELEC	ELECTRIC
EQ	EQUAL
ER	EXISTING TO BE RELOCATED
ESP	EXTERNAL STATIC PRESSURE
EWB	ENTERING WET BULB TEMPERATURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXP	EXPANSION
F	FILTER, FAN
FA	FREE AREA
FL	FLAME ARRESTOR CONNECTION, FAN COIL
FCU	FAN COIL UNIT
FD	FIRE DAMPER, FLOOR DRAIN
FIA	FULL LOAD AMPS
FOS	FUEL OIL SUPPLY
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FTP	FAN POWERED TERMINAL
FSD	FIRE/SMOKE DAMPER
FT	FEET OR FOOT
FTR	FLAME ARRESTOR
FV	FACE VELOCITY
F°	DEGREES FAHRENHEIT
G	GAUGE
GAL	GALLON
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GWP	GLYCOL WATER PUMP
GWR	GLYCOL WATER RETURN
GWS	GLYCOL WATER SUPPLY
H	HEATING
HC	HEATING COIL
HD	HEAD
HP	HEAT PUMP, HORSEPOWER
HPR	HIGH PRESSURE RETURN
HPS	HIGH PRESSURE SUPPLY
HR	HOUR
HUM	HUMIDIFIER

### ABBREVIATIONS

HV	HEATING AND VENTILATING
HWP	HOT WATER PUMP
HWS&R	HOT WATER SUPPLY & RETURN
HX	HEAT EXCHANGER
HZ	HERTZ
IN	INCHES
IPS	IRON PIPE SIZE
KW	KILOWATT
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LD	LEAVING DRY BULB TEMPERATURE
LIN FT	LINEAR FEET
LPR	LOW PRESSURE RETURN
LRA	LOCKED ROTOR AMPS
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
M	AUTOMATIC CAMPER MOTOR
ACM	ACM
MAU	MAKEUP AIR UNIT
MAX	MAXIMUM
MIX	MIXING BOX
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CKT AMPACITY
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MER	MECHANICAL EQUIPMENT ROOM
MFS	MAXIMUM FLOOR SIZE
MHP	MINIMUM HORSEPOWER
MIN	MINIMUM
MTR	MOTOR
MWP	MAKEUP WATER
NIC	NORMALLY CLOSED
NOT	NOT IN CONTRACT
NECK	NECK SIZE
NO	NORMALLY OPEN, NUMBER
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAI	OUTSIDE AIR FAN
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER
OED	OPEN END DUCT
OPD	OVERCURRENT PROTECTION DEVICE
PD	PRESSURE DROP
PH	PHASE
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE INCH
PSA	POUNDS PER SQUARE INCH ABSOLUTE
PSG	POUNDS PER SQUARE INCH GAGE
PVC	POLYVINYL CHLORIDE
R	RISE
RA	RETURN AIR
RE	RELOCATED POSITION OF EXISTING EQUIPMENT
RF	RETURN FAN
RH	RELATIVE HUMIDITY
RHC	REFRIGERANT COIL
RHM	ROOM
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR, SOUND ATTENUATOR
SD	SMOKE DETECTOR
SENS	SENSIBLE
SF	SUPPLY FAN
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SQ FT	SQUARE FEET
SS	STAINLESS STEEL
TDH	TOTAL DYNAMIC HEAD
TEMP	TEMPERATURE
TF	TRANSFER FAN
TOP	TOP OF DUCT
TR	TOP REGISTER
TRD	TRANSFER DUCT
TX	TOILET EXHAUST
TYP	Typical
UH	UNIT HEATER
V	VOLTS
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
W	WEIGHT
W/O	WITHOUT
WG	WET BULB
WGA	WATER GAUGE
WMN	WIRE MESH SCREEN
WSA	WIRE SIZE AMPS
WTS	WEIGHTS
XA	EXHAUST AIR
XT	EXPANSION TANK

### GENERAL NOTES

1. ALL APPLICABLE CODES, LAWS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS, AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR WHO SHALL INFORM THE OWNER, PRIOR TO SUBMITTING A PROPOSAL, OF ANY WORK OR MATERIALS WHICH VIOLATE ANY OF THE ABOVE LAWS AND REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH VIOLATION SHALL BE CORRECTED BY THE CONTRACTOR.
2. THE CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE TO REPLACE OR REPAIR PROMPTLY AND ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR ANY WORKMANSHIP AND EQUIPMENT IN WHICH DEFECTS DEVELOP WITHIN ONE YEAR FROM THE DATE OF ACCEPTANCE BY OWNER. THIS WORK SHALL BE DONE AS DIRECTED BY THE OWNER. THIS GUARANTEE SHALL ALSO PROVIDE THAT WHERE DEFECTS OCCUR, THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED IN REPAIRING AND REPLACING WORK OF OTHER TRADES AFFECTED BY DEFECTS, REPAIRS OR REPLACEMENTS IN EQUIPMENT SUPPLIED BY THE CONTRACTOR.
3. ALL DUCTWORK AND PIPING IS SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS, DROPS AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS PRICES FOR ROUTING OF DUCTWORK AND PIPING TO AVOID OBSTRUCTIONS, EXACT LOCATIONS SUBJECT TO APPROVAL OF ENGINEER.
4. SUPPORT ALL DUCTWORK AND PIPING FROM BUILDING STRUCTURE AND/OR FRAMING IN AN APPROVED MANNER, WHERE OVERHEAD CONSTRUCTION DOES NOT PERMIT FASTENING OF SUPPORTS FOR EQUIPMENT, FURNISH ADDITIONAL STEEL FRAMING.
5. INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES WHICH INVOLVE EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
6. REMOVAL AND RELOCATION OF CERTAIN EXISTING WORK WILL BE NECESSARY FOR THE PERFORMANCE OF THE GENERAL WORK. ALL EXISTING CONDITIONS CANNOT BE COMPLETELY DETAILED ON THE DRAWINGS. THE CONTRACTOR SHALL SURVEY THE SITE AND INCLUDE ALL CHANGES IN MAKING UP WORK PROPOSAL.
7. PLAN INSTALLATION OF NEW WORK AND CONNECTIONS TO EXISTING WORK TO INSURE MINIMUM INTERFERENCE WITH REGULAR OPERATION OF EXISTING FACILITIES. ALL SYSTEM SHUTDOWNS AFFECTING OTHER AREAS SHALL BE COORDINATED WITH BUILDING OWNER. INSTALL ISOLATION VALVES AT POINT OF CONNECTION TO THE EXISTING PIPING. PROVIDE TEMPORARY DUCT CAPS AND/OR CONNECTIONS TO MINIMIZE SHUTDOWN TIME. ALL SHUT DOWNS SHALL BE ON OFF HOURS & INCLUDED IN BID.
8. CONNECT NEW WORK TO EXISTING WORK IN NEAT AND APPROVED MANNER. RESTORE EXISTING WORK DISTURBED WHILE INSTALLING NEW WORK TO ACCEPTABLE CONDITION AS DETERMINED BY ENGINEER.
9. DISCONNECT, REMOVE AND/OR RELOCATE EXISTING MATERIAL, EQUIPMENT, AND OTHER WORK AS NOTED OR REQUIRED FOR PROPER INSTALLATION OF NEW SYSTEM.
10. THE CONTRACTOR SHALL KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACES AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS, FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER ON THE INTERIOR OR THE EXTERIOR.
11. SEAL OPENINGS AROUND DUCTS AND PIPING THROUGH PARTITIONS, WALLS AND FLOORS (NOT IN SHAFTS) WITH MINERAL WOOL, OR OTHER NON-COMBUSTIBLE MATERIAL, SEE SPECIFICATIONS.
12. PROVIDE ALL REQUIRED LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY FOR A COMPLETE AND SAFE INSTALLATION OF HVAC IN FULL CONFORMITY WITH REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION; ALL AS INDICATED ON DRAWINGS AND/OR HEREIN SPECIFIED FOR THE SYSTEMS INCLUDED. WORK SHALL BE INSTALLED IN A NEAT, WORKMANLIKE MANNER. INCLUDE ALL COSTS FOR PERMITS, LICENSES, CERTIFICATES, FILING AND INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
13. ALL EXISTING MATERIAL AND EQUIPMENT TO BE REMOVED UNDER THIS CONTRACT WILL REMAIN THE PROPERTY OF THE OWNER OR SHALL BE DISPOSED OF BY THIS CONTRACTOR AS DIRECTED BY THE OWNER.
14. SUBMISSION OF A PROPOSAL SHALL BE CONSIDERED AS EVIDENCE THAT A CAREFUL EXAMINATION OF THE PORTIONS OF THE EXISTING BUILDING EQUIPMENT ETC. WHICH AFFECT THIS WORK AND THE ACCESS TO SUCH SPACES, HAS BEEN MADE AND THAT THE CONTRACTOR IS FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THE WORK. LATER CLAIMS SHALL NOT BE MADE FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN DURING SUCH AN EXAMINATION.
15. THE WORK IN THE BUILDING SHALL BE DONE WHEN AND AS DIRECTED, AND IN A MANNER SATISFACTORY TO THE OWNER. THE WORK SHALL BE PERFORMED SO AS TO CAUSE THE LEAST POSSIBLE INCONVENIENCE AND DISTURBANCE TO THE PRESENT OCCUPANTS.
16. INCLUDE ALL CUTTING AND PATCHING OF EXISTING FLOORS, WALLS, PARTITIONS AND OTHER MATERIALS IN THE EXISTING BUILDING. THE CONTRACTOR SHALL RESTORE THESE AREAS TO ORIGINAL CONDITION.
17. ALL MATERIAL AND EQUIPMENT TO BE USED UNLESS OTHERWISE NOTED.

### GENERAL SYMBOLS

SYMBOL	DESCRIPTION
△	REVISION NUMBER
○	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
□	LIMIT OF DEMOLITION
○	PUMP
○	METER
○	REFRIGERANT SIGHT GLASS
○	THERMOSTAT
○	HUMIDITY SENSOR
○	CO2 SENSOR
○	REMOTE INDICATOR LIGHT
○	INDICATOR UNIT
○	LEAK SENSOR
○	CONDENSATE PUMP
○	CURRENT TRANSDUCER
○	SMOKE DETECTOR/SENSOR
○	SPEED CONTROLLER OR WALL SWITCH
○	VIBRATION ISOLATOR IN HANGER
○	DUCT UNDER PRESSURE (SUPPLY AIR OR FAN DISCHARGE)
○	DUCT UNDER NEGATIVE PRESSURE (RETURN, EXHAUST OR OUTSIDE AIR)
○	CONDENSATE PUMP
○	BREAK GLASS STATION
X	SECTION DESIGNATION

AIR TERMINAL SCHEDULE																	
TAG	SERVICE	AIRFLOW RANGE (CFM)		NOMINAL FACE SIZE (IN)		INLET / NECK SIZE (IN)		# OF SLOTS	SLOT WIDTH (IN)	THROW @ 50 FIRM (FT) (IN WG)	PRESSURE DROP@ (IN WG)	MAX NC	TYPE	MANUFACTURER	MODEL	REMARKS	
		MIN	MAX	WIDTH	LENGTH	DIAMETER	WIDTH										
A	SUPPLY	0	95	24	6					0	0.00	26	SQUARE CEILING DIFFUSER	TITUS	OMNI	1	
B	SUPPLY	96	200	24	24	8	0			0	0.00	26	SQUARE CEILING DIFFUSER	TITUS	OMNI	1	
C	SUPPLY	0	95	4	24	6	1	1.0	14	0.11	20	LINEAR SLOT DIFFUSER	TITUS	FBP-10-HT	1.2		
D	SUPPLY	96	200	4	48	8	1	1.0	20	0.13	25	LINEAR SLOT DIFFUSER	TITUS	FBP-10-HT	1.2		
E	SUPPLY	50	235	12	8	10	6			28	0.10	25	SUPPLY GRILLE	TITUS	300FS	1	
F	SUPPLY	240	500	20	10	18	8			40	0.10	25	SUPPLY GRILLE	TITUS	300FS	1	
G	RETURN	0	900	24	24	22	22				0.02	20	PERFORATED RETURN GRILLE	TITUS	PAR	1.3	
H	RETURN	0	200	4	48			2	1.0		0.00	20	LINEAR RETURN SLOT	TITUS	MLR-39	1.3	
I	RETURN	0	360	6	48			3	1.0		0.00	20	LINEAR RETURN SLOT	TITUS	MLR-39	1.3	

NOTES:  
1. PROVIDE UNIT WITH SUPPLY/RETURN GRILLE KIT AND MOUNT UNIT ABOVE RACK COLD AISLE. PROVIDE MERV 8 FILTER IN RETURN AIR INLET.  
2. PROVIDE UNIT WITH DUAL TOLIKIT CONDENSATE PUMP (SHIPPED LOOSE TO BE INSTALLED BY CONTRACTOR). PUMP SHALL BE POWERED THROUGH UNIT VIA INTEGRAL STEP-DOWN TRANSFORMER. CONDENSATE PUMP SHALL HAVE DISCHARGE CHECK VALVE, AND SECONDARY FLOAT WIRED TO SHUTDOWN UNIT IF HIGH CONDENSATE LEVEL IS DETECTED.  
3. PROVIDE UNIT WITH REMOTE WALL MOUNTED TEMPERATURE SENSOR.  
4. PROVIDE UNIT WITH 2-WAY CONTROL VALVE PACKAGE.  
5. PROVIDE UNIT WITH LOCABLE FACTORY MOUNTED DISCONNECT SWITCH.  
6. PROVIDE BTU METER CAPABLE OF MONITORING WATER FLOW RATE AND SUPPLY/RETURN WATER TEMPERATURES TO DETERMINE MONTHLY ENERGY USE FOR AC-1. MOUNT BTU METER ON WALL ADJACENT TO THERMOSTAT. BASIS OF DESIGN IS ONICON SYSTEM 10.

WATER COOLED SERVER ROOM UNIT SCHEDULE																												
TAG	LOCATION	SUPPLY AIRFLOW (CFM)	SUPPLY QUANTITY	FAN POWER (BHP)		FAN TYPE	ESP (IN-WG)	SENSIBLE CAPACITY (MBH)		TOTAL CAPACITY (MBH)		EAT (°F)	DB (°F)	WB (%)	REFRIGERANT		COMpressor		CONDENSER		FILTER		ELECTRICAL		OPERATING WEIGHT	MANUFACTURER	MODEL	COMMENTS
				407C	85			10.80	12.90	72.0	58.7				DIGITAL SCROLL	85	95	2	1.9	INLET	MERV 8	208	1	60	6.1	15	260	LIEBERT
AC-1	SERVER ROOM	600	1	0.2	0.0	CENTRIFUGAL	0.30	10.80	12.90	72.0	58.7																	

NOTES:  
1. PROVIDE UNIT WITH SUPPLY/RETURN GRILLE KIT AND MOUNT UNIT ABOVE RACK COLD AISLE. PROVIDE MERV 8 FILTER IN RETURN AIR INLET.  
2. PROVIDE UNIT WITH DUAL TOLIKIT CONDENSATE PUMP (SHIPPED LOOSE TO BE INSTALLED BY CONTRACTOR). PUMP SHALL BE POWERED THROUGH UNIT VIA INTEGRAL STEP-DOWN TRANSFORMER. CONDENSATE PUMP SHALL HAVE DISCHARGE CHECK VALVE, AND SECONDARY FLOAT WIRED TO SHUTDOWN UNIT IF HIGH CONDENSATE LEVEL IS DETECTED.  
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2ND FLOOR SERIES FAN POWERED BOX WITH REHEAT SCHEDULE																	
TAG	INLET SIZE (IN)	PRIMARY AIRFLOW			SECONDARY FAN			HEATING COIL			ELECTRICAL			MANUFACTURER	MODEL	REMARKS	
		DIA	DESIGN (CFM)	MINIMUM (CFM)	AIRFLOW (CFM)	TYPE	MOTOR (HP)	ESP (IN-WG)	TYPE	CAPACITY (kW)	EAT (°F)	LAT (°F)	VOLTAGE	HZ	PHASE		
VAV-1	8	650	195	650	SIZE 2	0.33	0.5	ELEC	4.0	64	84	460	60	3	KRUEGER	KLPS	1.2
VAV-2	12	1345	405	1345	SIZE 5	0.50	0.5	ELEC	8.5	64	84	460	60	3	KRUEGER	KLPS	1.2
VAV-3	8	495	225	495	SIZE 2	0.33	0.5	ELEC	3.5	61	83	460	60	3	KRUEGER	KLPS	1.2
VAV-4	8	570	230	570	SIZE 2	0.33	0.5	ELEC	4.0	62	84	460	60	3	KRUEGER	KLPS	1.2
VAV-5	8	495	225	495	SIZE 2	0.33	0.5	ELEC	3.5	61	83	460	60	3	KRUEGER	KLPS	1.2
VAV-6	8	590	180	590	SIZE 2	0.33	0.5	ELEC	4.0	64	85	460	60	3	KRUEGER	KLPS	1.2
VAV-7	8	405	125	405	SIZE 2	0.33</											



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ENGINEER UNDER THE LAWS OF THE STATE OF  
MARYLAND, LICENSE NO. 25369, EXPIRATION  
DATE 07-19-2015.

PROJECT

FOULGER-PRATT

FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN

ISSUE CHART

MARK	ISSUE FOR PERMIT/BID	ISSUE DATE
Job Number	05PAW.150048	
Drawn	JSB	
Checked	RED	
Approved	RED	

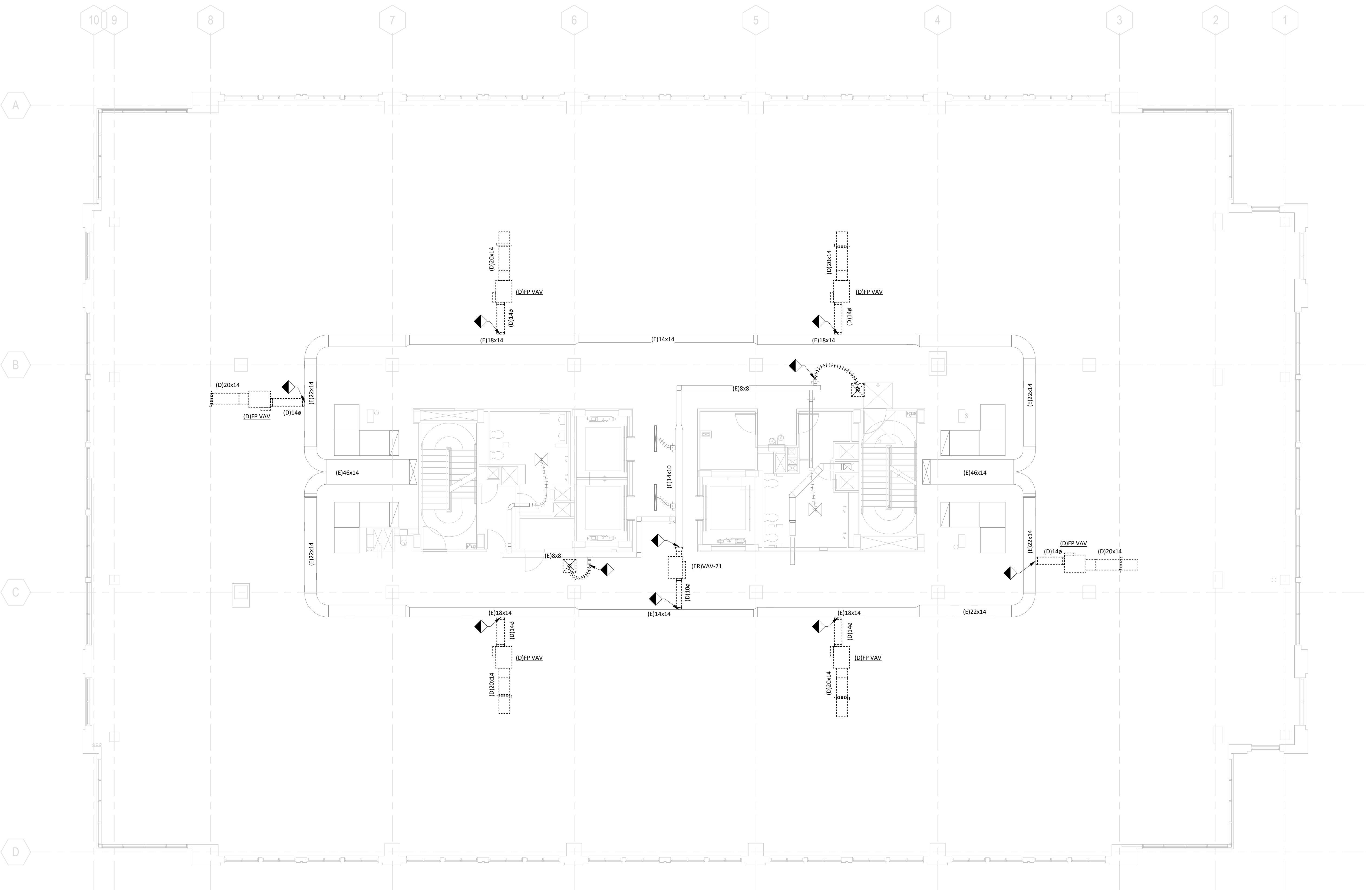
TITLE

MECHANICAL - 2ND  
FLOOR DEMOLITION  
PLAN

SHEET NUMBER

**M-301**

GENERAL NOTES	
1.	FOR GENERAL NOTES & SYMBOL LIST, SEE DRAWING M-001
2.	PROTECT ALL EQUIPMENT IDENTIFIED AS EXISTING TO REMAIN OR RELOCATED DURING THE CONSTRUCTION PROCESS.
3.	ALL EQUIPMENT IDENTIFIED TO BE DEMOLISHED SHALL BE RETURNED TO OWNER.
4.	CONTRACTOR SHALL INSPECT ALL EQUIPMENT IDENTIFIED AS EXISTING TO REMAIN OR RELOCATED AND SHALL NOTIFY OWNER IF EQUIPMENT IS NOT WORKING PRIOR TO DEMOLITION.



1 MECHANICAL - 2ND FLOOR DEMOLITION PLAN

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



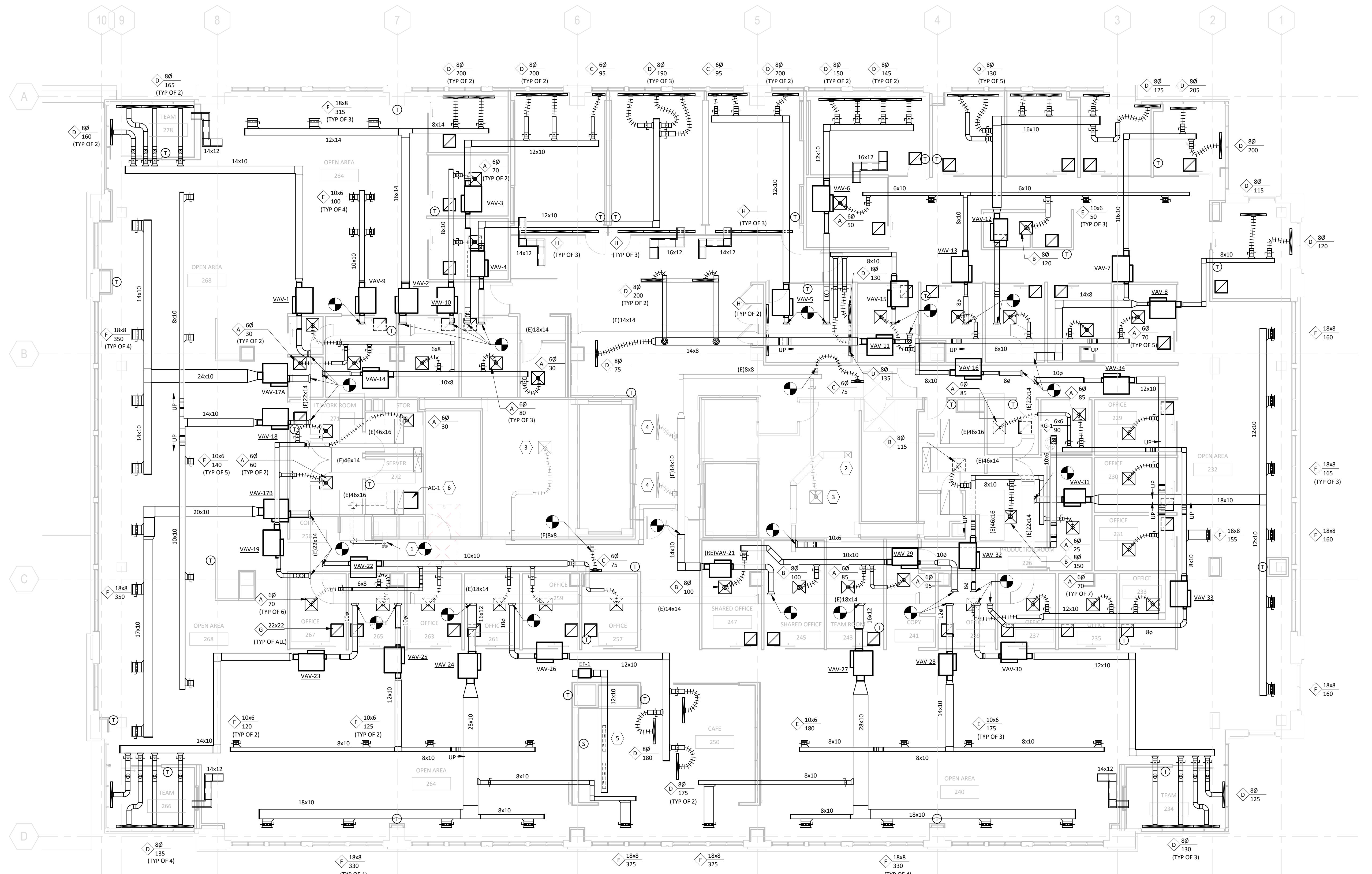
4	ISSUE FOR PERMIT/BID	05/26/15
3	90% CONSTRUCTION DOCUMENTS	05/14/15
2	75% CONSTRUCTION DOCUMENTS	05/01/15
1	DESIGN DEVELOPMENT	03/06/15

Job Number 05PAW.150048  
Drawn JSB  
Checked RED  
Approved RED

GENERAL NOTES	
1.	FOR GENERAL NOTES & SYMBOL LIST, SEE DRAWING M-001
2.	COORDINATE EXACT DIFFUSER LOCATION WITH FINAL ARCHITECTURAL CEILING PLANS
3.	FLEX DUCT SHALL NOT EXCEED A LENGTH OF 8 FEET.
4.	BALANCE THE SYSTEM WITHIN THE AREA OF WORK
5.	THERMOSTATS TO BE RELOCATED, SHALL BE 48" FROM FINISHED FLOOR
6.	CONTRACTOR SHALL PROVIDE A LEAKAGE TEST ON ALL DUCTWORK WITHIN AREA OF WORK. PATCH AND REPAIR ANY AND ALL LEAKS.
7.	PATCH ALL OPENINGS FROM OUTSIDE AIR DUCT DISTRIBUTING AIR INTO THE PLENUM
8.	RETURN DUCT CONNECTED TO HEAT PUMPS ARE TO HAVE ONE OPENING TO THE PLENUM. ALL OTHER OPENINGS ARE TO BE PATCHED.
9.	ALL RETURN DIFFUSERS ARE RELOCATED OR EXISTING TO REMAIN PERFORATED RETURN GRILLES UNLESS OTHERWISE NOTED.
10.	ALL EXISTING TO REMAIN AND RELOCATED DIFFUSERS ARE TO BE CLEANED.

KEYED NOTES	
1	PROVIDE TEE DOWNSTREAM OF EXISTING 1 1/2" ISOLATION VALVES ON BASE BUILDING CONDENSER WATER RISER CR-1. ON ONE SIDE OF TEE, PROVIDE NEW 3/4" CONDENSER WATER SUPPLY & RETURN PIPING TO SERVE AC-1 AND PROVIDE NEW 3/4" ISOLATION VALVES TO BE ABLE TO ISOLATE AC-1 FROM SYSTEM. ADDITIONAL SET OF TEE, PROVIDE NEW SET OF 1 1/2" ISOLATION VALVES FOR FUTURE USE.
2	BALANCE EXISTING RESTROOM EXHAUST FAN RISER TO EXHAUST 90 CFM FROM TENANT BATHROOM. COORDINATE WORK WITH BUILDING OWNER.
3	BALANCE EXISTING ELEVATOR LOBBY DIFFUSER TO 150 CFM.
4	BALANCE EXISTING LINEAR RETURN DIFFUSERS. PROVIDE DUCT CONNECTIONS UNDERNEATH OF 12X10 EXHAUST FAN DUCT ABOVE.
5	BALANCE EACH DIFFUSER TO 100 CFM.
6	PROVIDE 3/4 INCH PUMPED CONDENSATE PIPE FROM AC UNIT TO NEAREST JAN CLOSET. DISCHARGE CONDENSATE INTO MOP BASIN

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MARYLAND, LICENSE NO. 25369, EXPIRATION  
DATE 07-19-2015.

PROJECT



FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN

ISSUE CHART

4	ISSUE FOR PERMIT/BID	05/29/15
3	90% CONSTRUCTION DOCUMENTS	05/14/15
2	75% CONSTRUCTION DOCUMENTS	05/01/15
1	BUILDING DATE	
Job Number	05PAW.150048	
Drawn	JSB	
Checked	RED	
Approved	RED	
	TITLE	

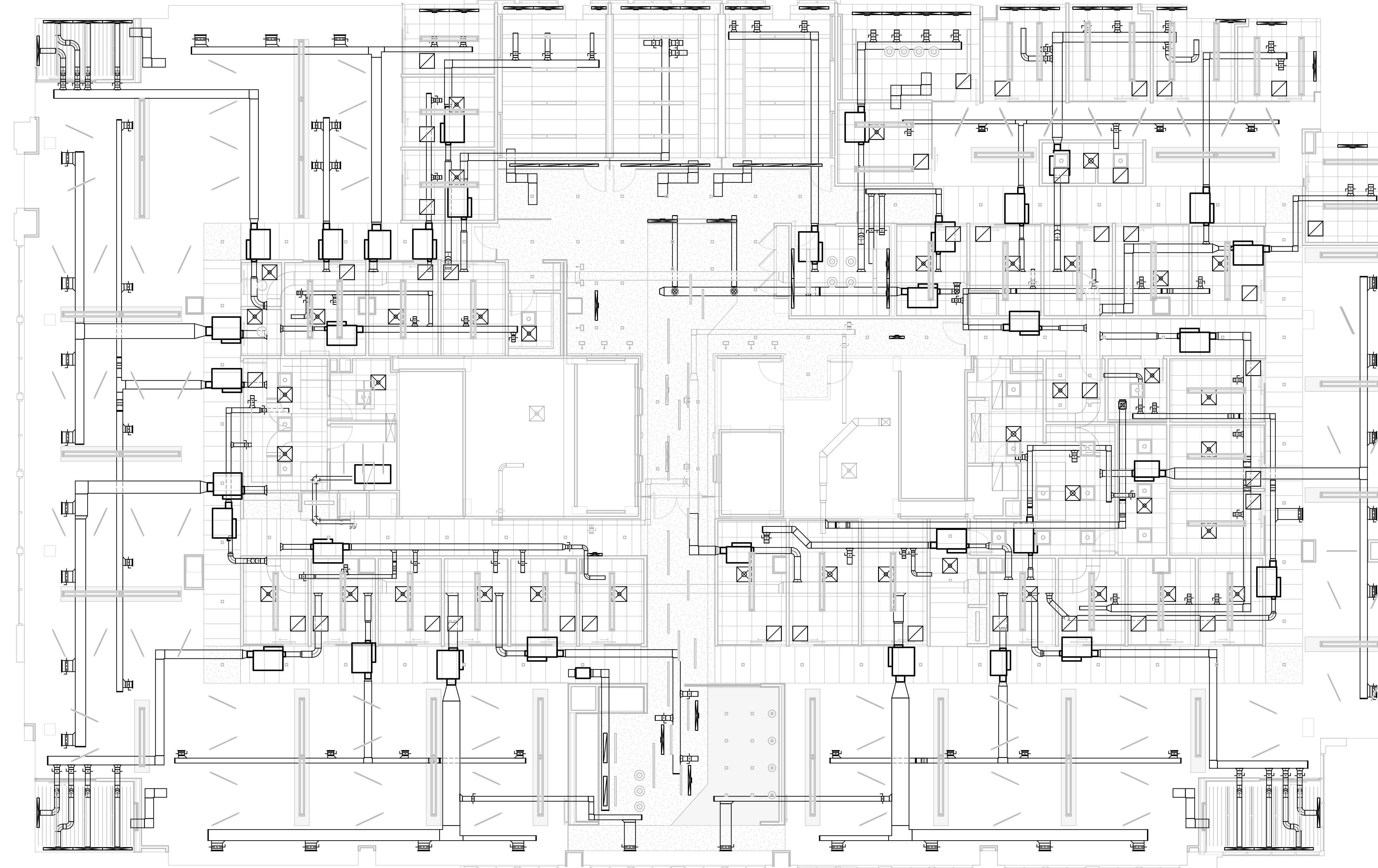
MECHANICAL - 2ND  
FLOOR RCP  
COORDINATION

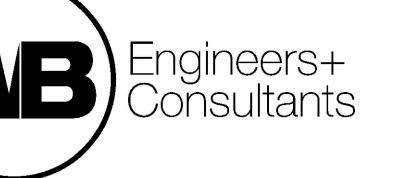
SHEET NUMBER

M-402

1 LEVEL 2 - CEILING COORDINATION PLAN

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

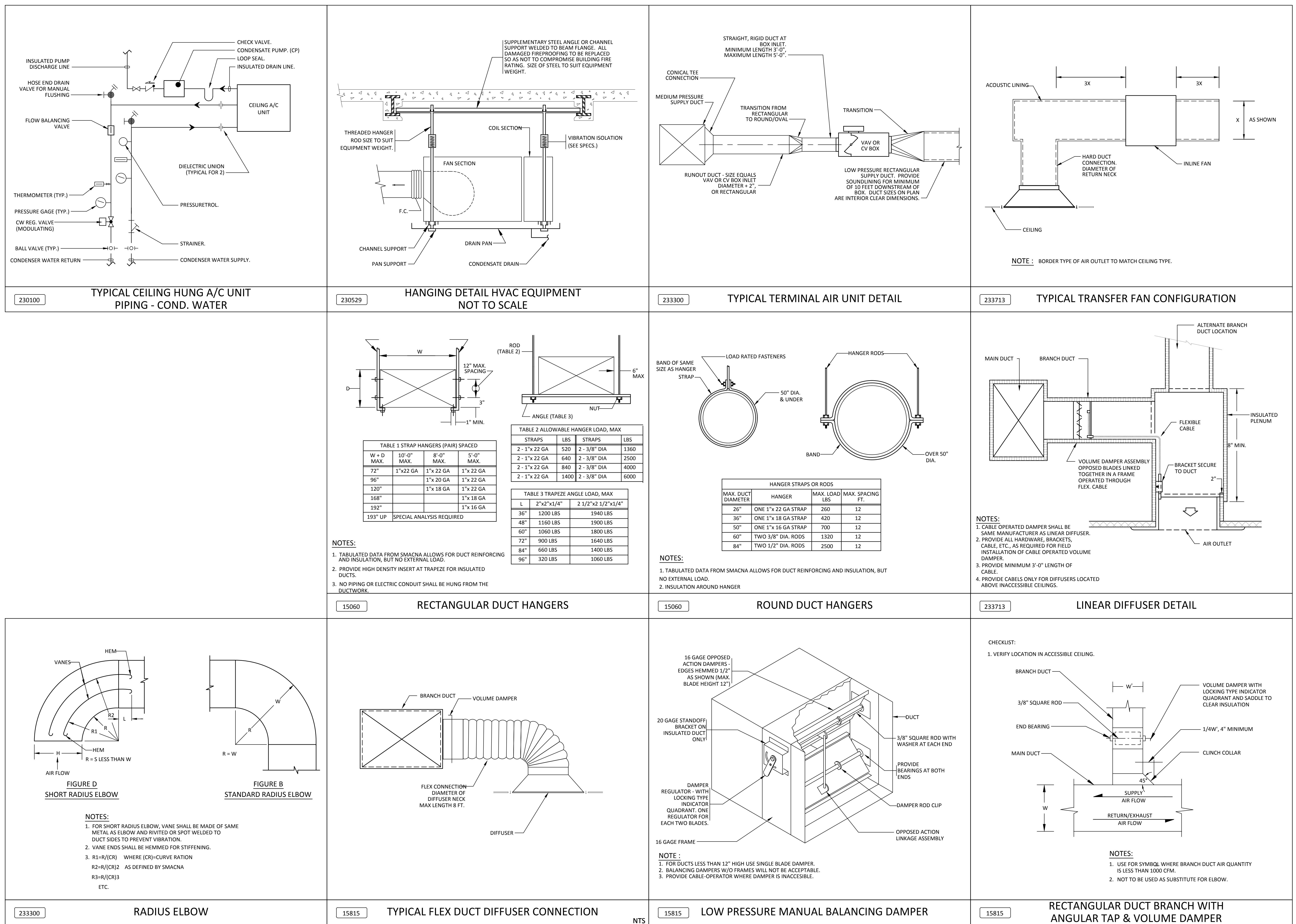




4	ISSUE FOR PERMITTING	06/29/15
3	90% CONSTRUCTION DOCUMENTS	06/14/15
2	75% CONSTRUCTION DOCUMENTS	06/01/15
	DESIGN DEVELOPMENT	05/29/15

MARK:  DATE:

Job Number: 05PAW.150048  
Drawn: TVO  
Checked: JDS  
Approved: RED





4	ISSUE FOR PERMIT/D	05/28/15
3	90% CONSTRUCTION DOCUMENTS	05/14/15
2	75% CONSTRUCTION DOCUMENTS	05/01/15
1	DESIGN DEVELOPMENT	03/06/15
MARK	ISSUE DATE	DATE

Job Number 05PAW.150048  
Drawn JAC  
Checked RED  
Approved RED

TITLE

FIRE PROTECTION -  
SYMBOLS, NOTES,  
ABBREVIATIONS,  
SCHEDULES, & DETAILS

SHEET NUMBER

**FP-001**

**FIRE PROTECTION ABBREVIATIONS**

E	EXISTING
N	NEW
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
REV	REVISION
TYP	TYPICAL

**FIRE PROTECTION DESIGN CRITERIA**

SPRINKLER SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH LOCAL BUILDING CODE, NFPA13 & FM STANDARDS. NEW SPRINKLER PIPING SHALL BE HYDRAULICALLY SIZED TO MEET THE FOLLOWING CRITERIA:

1. SPRINKLER HEADS SHALL BE ON CENTER OF TILE AND AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS AND SHALL BE COORDINATED WITH OTHER TRADES.

2. SCHEDULE FROM EACH SPRINKLER HEAD IN FINISHED AREAS WITH SUSPENDED CEILINGS SHALL BE ON CENTER OF TILE AND AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS AND SHALL BE COORDINATED WITH OTHER TRADES.

3. SCHEDULE FROM EACH SPRINKLER HEAD IN FINISHED AREAS WITH SUSPENDED CEILINGS SHALL BE ON CENTER OF TILE AND AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS AND SHALL BE COORDINATED WITH OTHER TRADES.

4. MINIMUM PRESSURE AT SPRINKLER HEAD 70 PSI.

5. HYDRAULIC CALCULATIONS SHALL BE BROUGHT BACK TO CONNECTION TO WATER SUPPLY.

6. HOSE ALLOWANCE SHALL BE INCLUDED IN SPRINKLER HYDRAULIC CALCULATIONS AS FOLLOWS:

- 6.1. 100 GPM FOR INSIDE HOSE SHALL BE ADDED TO SPRINKLER DEMAND AT SPRINKLER CONNECTION TO RISER.
- 6.2. ADDITIONAL 20 GPM SHALL BE ADDED AT SERVICE CONNECTION TO STREET MAIN.

7. RESULT OF HYDRAULIC CALCULATIONS SHALL INDICATE MINIMUM 10 PSI PRESSURE SAFETY MARGIN, I.E. EXCESS OF PRESSURE AVAILABLE OVER PRESSURE REQUIRED.

**FIRE PROTECTION SYMBOLS**

SYMBOL	DESCRIPTION
— — — —	AREA OF WORK
	KEY NOTE
1	REVISION NUMBER INDICATOR
1	REVISION CLOUD
FP 1	RISER IDENTIFICATION RISER NUMBER

**SPRINKLER DESIGN CRITERIA**

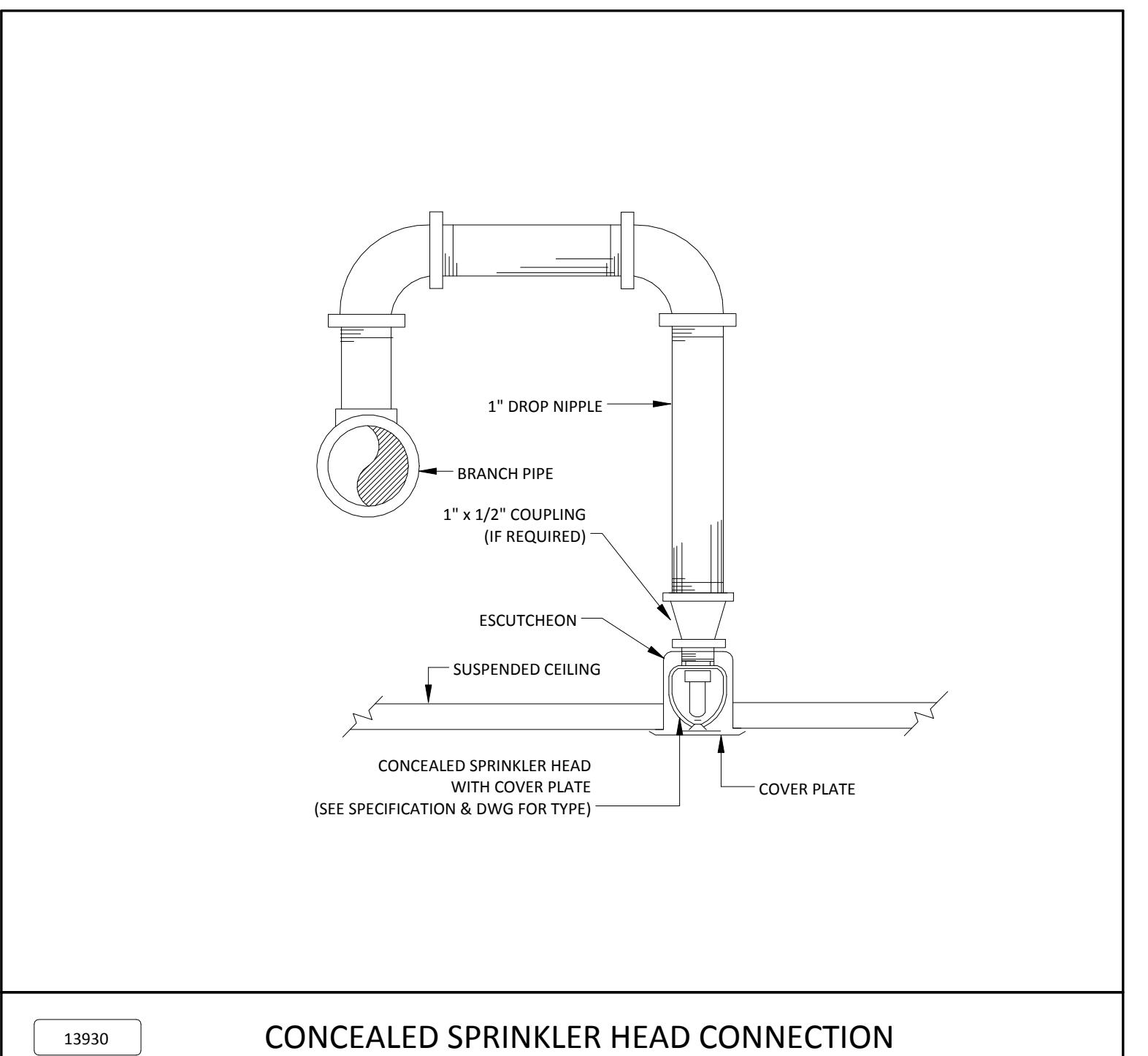
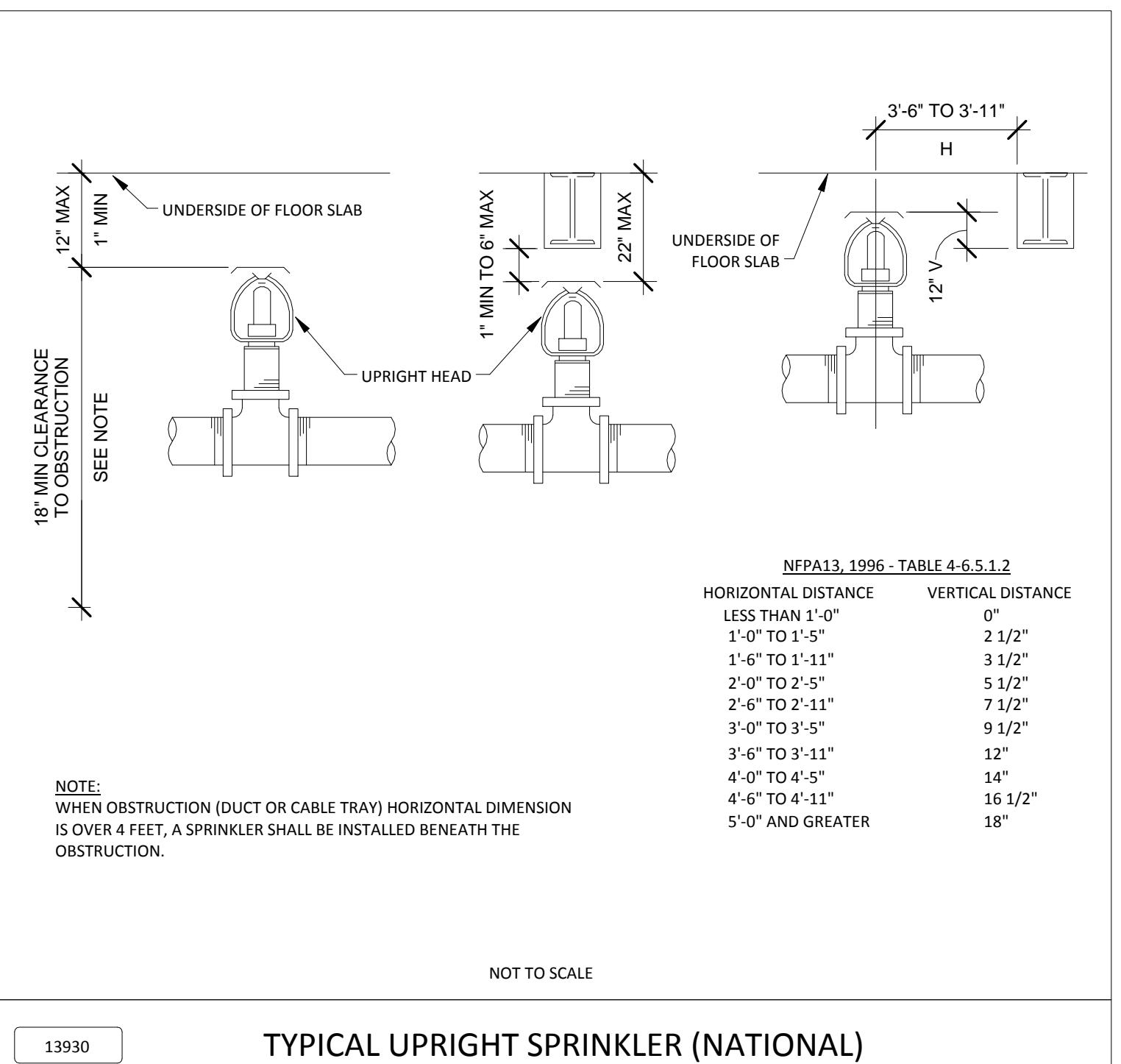
HAZARD CLASSIFICATION	AREA	MOST REMOTE AREA OF OPERATION (FT <sup>2</sup> )	DENSITY (GPM/FT <sup>2</sup> )	MAXIMUM AREA PER SPRINKLER (FT <sup>2</sup> )	MAXIMUM SPRINKLER SPACING	SPRINKLER TYPE
LIGHT	CORRIDOR	1,500	0.10	225	15' x 15'	CONCEALED
ORDINARY GROUP(1)	MECH ROOM, STORAGE	1,500	0.15	130	13' x 10'	MATCH EXISTING
LIGHT	OFFICE / LAB	1,500	0.10	225	15' x 15'	CONCEALED

**FIRE PROTECTION GENERAL NOTES**

- ALL WORK SHALL BE IN STRICT ACCORDANCE WITH NFPA13, FM AND LOCAL AUTHORITIES HAVING JURISDICTION.
- ALL WORK SHALL CONFORM TO THE BUILDING STANDARDS, CONSTRUCTION RULES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MEET WITH BUILDING CONSTRUCTION MANAGER IN ORDER TO BECOME TOTALLY FAMILIAR WITH BUILDING CONSTRUCTION RULES. THERE SHALL BE NO DEVIATION FROM THE BUILDING STANDARDS WITHOUT PRIOR WRITTEN APPROVAL FROM THE CONSTRUCTION MANAGER.
- CONTRACTOR TO OBTAIN AND PAY FOR ALL PERMITS, FEES, INSPECTION AND TESTS, ETC.
- LOCATIONS AND SIZES OF EXISTING PIPING ARE APPROXIMATE. VERIFY THE LOCATION AND SIZES OF EXISTING PIPING IN THE FIELD AND IF ANY DISCREPANCIES OCCUR WITH CONTRACT DRAWINGS, NOTIFY ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK.
- REMOVED EXISTING PIPING, FITTINGS, VALVES, ETC., SHALL NOT BE USED.
- DO NOT INTERRUPT ANY SERVICES OF THE EXISTING BUILDING NOR INTERFERE WITH THE SERVICES IN ANY WAY WITHOUT WRITTEN PERMISSION. NOTIFY BUILDING MANAGER AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. INTERRUPTIONS SHALL BE AS BRIEF AS POSSIBLE AND ONLY AT DESIGNATED TIMES.
- UNDER NO CIRCUMSTANCES WILL THIS CONTRACTOR OR HIS WORKMEN BE PERMITTED TO USE ANY PART OF THE BUILDING AS A SHOP EXCEPT PARTS AS DESIGNATED FOR SUCH USE.
- REMOVE RUBBISH FROM PREMISES AND SITE AT THE END OF EACH WORK DAY AND AS DIRECTED.
- STORE MATERIALS IN DESIGNATED SPACES.
- COORDINATE NEW WORK WITH OTHER TRADES AND EXISTING FIELD CONDITIONS.
- THE EXISTING SYSTEMS SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF NEW WORK.
- UNNECESSARY NOISE SHALL BE AVOIDED AT ALL TIMES AND NECESSARY NOISE SHALL BE REDUCED TO A MINIMUM.
- NEW WORK AND EQUIPMENT SHALL BE THOROUGHLY CLEANED AND MADE READY FOR USE.
- CONTRACTOR SHALL COORDINATE ALL TIE-INS, PLUS REMOVAL WITH GENERAL CONTRACTOR AND BUILDING MANAGER.
- MINIMUM SPRINKLER PIPE SIZE SHALL BE 1".
- SPRINKLER HEADS SHALL BE FM APPROVED CAST BRASS, CLOSED FUSIBLE LINK SPRAY TYPE WITH 1/2" DISCHARGE ORIFICE, SIMILAR TO RELIABLE MODEL G, UPRIGHT AND IN AREAS WITH HUNG CEILING RELIABLE MODEL G4RF, PENDANT CONCEALED WITH ESCUTCHION AND COVER PLATE.
- SPRINKLER WATER SUPPLY PIPING-WET: SCHEDULE 40 BLACK STEEL PIPE ASTM A120 OR A-53 WITH THREADED OR FLANGED CAST IRON OR MALLEABLE IRON FITTINGS, 175 PSI RATED.
- TEST ALL SPRINKLER PIPING - 200 PSI HYDROSTATIC PRESSURE FOR TWO HOURS WITHOUT LOSS OF PRESSURE. PRIOR TO HYDROSTATIC TEST, TEST ALL PIPING AND VALVE TRIM WITH AIR AT 40 PSI FOR TWENTY FOUR HOURS WITHOUT LOSS OF PRESSURE.
- PROVIDE FIRE & SMOKE STOPPING FOR ALL FIRE PROTECTION PIPING PASSING THROUGH RATED WALLS OR SMOKE PARTITIONS.

**FIRE PROTECTION DRAWING LIST**

DRAWING NUMBER	DRAWING NAME
FP-001	FIRE PROTECTION - SYMBOLS, NOTES, ABBREVIATIONS, SCHEDULES, & DETAILS
FP-401	FIRE PROTECTION - 2ND FLOOR PLAN



4	ISSUE FOR PERMIT/D	05/28/15
3	90% CONSTRUCTION DOCUMENTS	05/14/15
2	75% CONSTRUCTION DOCUMENTS	05/01/15
1	DESIGN DEVELOPMENT	03/06/15
MARK	ISSUE DATE	DATE

Job Number 05PAW.150048  
Drawn JAC  
Checked RED  
Approved RED

TITLE

FIRE PROTECTION -  
SYMBOLS, NOTES,  
ABBREVIATIONS,  
SCHEDULES, & DETAILS

SHEET NUMBER

**FP-001**



1101 WOOTTON PARKWAY, SUITE 1050  
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LIGHTING CONSULTANT  
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OWNER  
THE FOULGER-PRATT COMPANIES  
9600 BLACKWELL ROAD, SUITE 200,  
ROCKVILLE, MD 20850

PROFESSIONAL CERTIFICATION. I HEREBY  
CERTIFY THAT THE DRAWINGS AND SPECIFICATIONS  
WERE PREPARED OR APPROVED BY ME, AND THAT I  
AM A DULY LICENSED PROFESSIONAL  
ENGINEER UNDER THE LAWS OF THE STATE OF  
MARYLAND, LICENSE NO. 25369, EXPIRATION  
DATE 07-19-2015.

PROJECT

**FOULGER-PRATT**

FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

C

B

A

D

KEYPLAN

ISSUE CHART

4 1 ISSUE FOR PERMITTING  
3 90% CONSTRUCTION DOCUMENTS 05/28/15  
2 75% CONSTRUCTION DOCUMENTS 05/01/15  
1 DESIGN DEVELOPMENT 03/06/15  
MARK DATE

Job Number 05PAW.150048

Drawn JAC

Checked RED

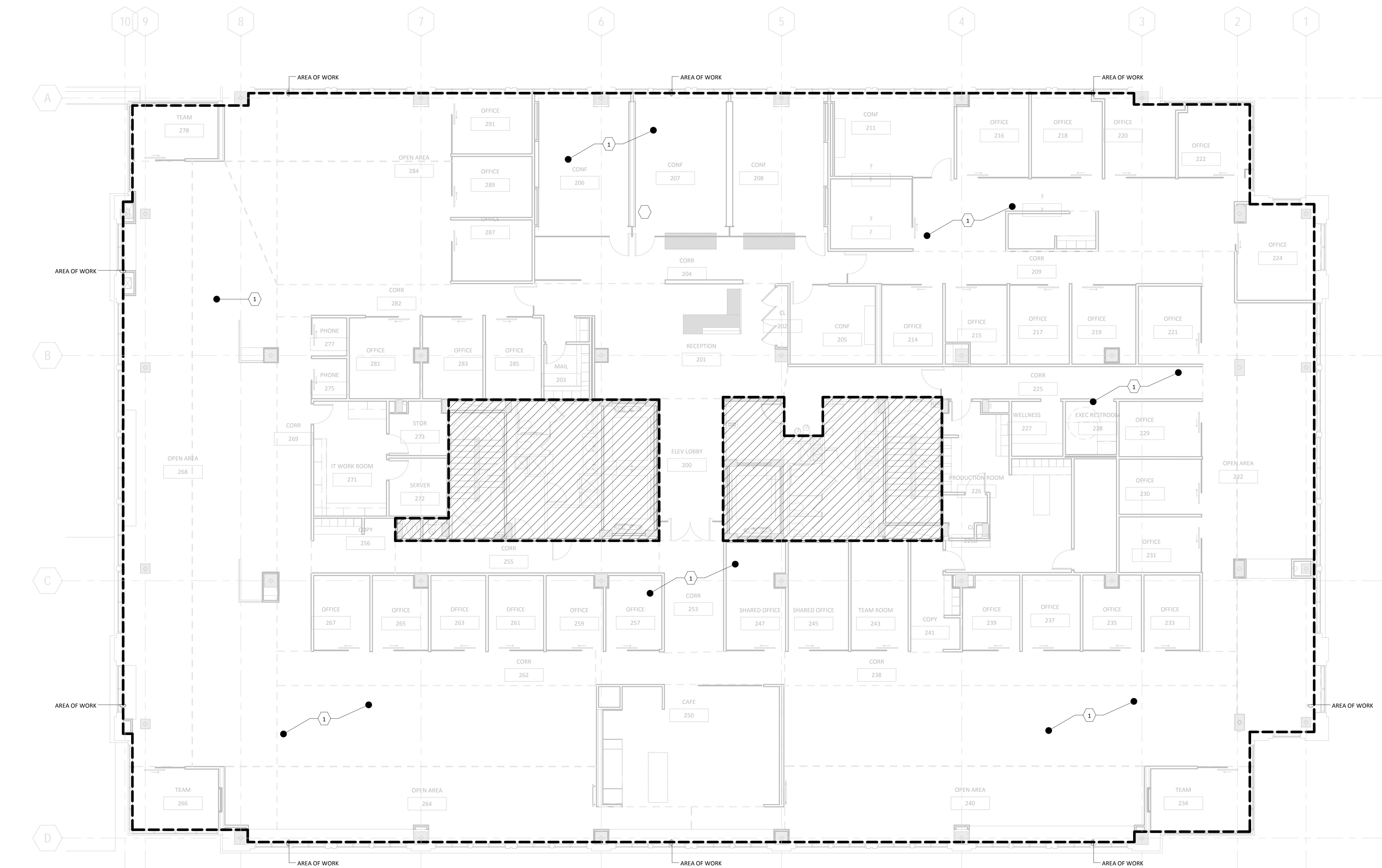
Approved RED

Title

FIRE PROTECTION - 2ND  
FLOOR PLAN

SHEET NUMBER

**FP-401**



**1** FIRE PROTECTION - 2ND FLOOR PLAN  
SCALE: 1/8" = 1'-0"

GENERAL NOTES	
1. SEE DRAWING FP-001 FOR ADDITIONAL INFORMATION FOR ADDITIONAL REQUIREMENTS.	

KEYED NOTES (X)	
1	MODIFY EXISTING WET PIPE SPRINKLER SYSTEM AS REQUIRED IN AREA SHOWN TO MEET ALL LOCAL CODES AND NFPA 13.



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PROJECT

F 1 FOULGER-PRATT  
HEADQUARTERS

F 12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN

ISSUE CHART

PLUMBING GENERAL NOTES	
1. ALL WORK SHALL COMPLY TO THE BUILDING STANDARDS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MEET THESE STANDARDS. THE OWNER OR OWNER'S DESIGNER MUST BE DECODED TOTALLY FAMILIAR WITH BUILDING CONSTRUCTION RULES. THERE SHALL BE NO DEVIATION FROM THE BUILDING STANDARDS WITHOUT PRIOR WRITTEN APPROVAL FROM THE CONSTRUCTION MANAGER.	
2. DO NOT SCALE THE DRAWINGS. BECAUSE OF THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE OFFSETS, FITTINGS, VALVES, OR SIMILAR ITEMS WHICH MAY BE REQUIRED TO PROVIDE COMPLETE OPERATING SYSTEMS. CAREFULLY INVESTIGATE CONDITIONS AFFECTING THE WORK ASSOCIATED WITH THESE SYSTEMS. INSPECT SYSTEMS IN SUCH A MANNER THAT THE CONTRACTOR REQUIRES. CONDUIT AND EQUIPMENT, ARCHITECTURAL, AND STRUCTURAL FEATURES ARE AVOIDED. PROVIDE ITEMS REQUIRED TO MEET THE PROJECT CONDITIONS WITHOUT ADDITIONAL COST TO THE OWNER.	
3. PROTECT BUILDING FROM DAMAGE DURING CONSTRUCTION. PROVIDE PLANKING OR SIMILAR BUILDING MATERIAL UNDER EQUIPMENT OR MATERIALS STORED ON FLOORS AND IN AREAS WHERE CONSTRUCTION MAY DAMAGE THE FLOOR SURFACES, BUILDING SURFACES, AND/OR FINISHED DAMAGES DURING THE CONSTRUCTION SHALL BE REPLACED AT THE COST OF THE CONTRACTOR AT FAULT.	
4. ALL NEW PIPES ARE TO BE SUPPORTED FROM SLAB OR STEEL BEAMS, NOT FROM EXISTING PIPES OR DUCT WORK.	
5. ALL WATER SHUTDOWNS TO BE COORDINATED THROUGH THE BUILDING MANAGER. ALL WATER SHUTDOWNS ARE TO BE PERFORMED OR SUPERVISED BY BUILDING PERSONNEL, AT THE DISCRETION OF THE BUILDING MANAGER.	
6. PROVIDE FIRE & SMOKE STOPPING FOR ALL PLUMBING PIPING PASSING THROUGH RATED WALLS OR SMOKE PARTITIONS.	
7. PLUMBER SHALL BE RESPONSIBLE THAT ENTIRE INSTALLATION IS IN ACCORDANCE WITH LOCAL AND STATE CODES. CONTRACTOR TO OBTAIN AND PAY FOR ALL PERMITS, INSPECTION AND FEES, ETC.	
8. PIPING SHALL NOT BE LOCATED IN ANY ELECTRICAL ROOMS, CLOSETS, OR TELECOMMUNICATION ROOMS UNLESS THOSE PIPIES SERVER ONLY THAT SPACE.	
9. COORDINATE THE EXACT LOCATION AND REQUIREMENTS OF PLUMBING FIXTURES, ROUGH-INS, EQUIPMENT, AND ASSOCIATED APPURTENANCES WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN AND INSTALLATION.	
10. PLUMBER SHALL COORDINATE ALL NEW WORK WITH OTHER TRADES AND EXISTING FIELD CONDITIONS.	
11. LOCATIONS AND SIZES OF EXISTING PIPING ARE APPROXIMATE. EXACT LOCATIONS AND SIZES SHALL BE VERIFIED IN THE FIELD.	
12. ALL NEW HOT AND COLD WATER LINES AND FITTINGS MUST BE PROPERLY INSULATED AND COVERED.	
13. ALL VALVES ARE TO BE PROPERLY TAGGED.	
14. WASTE LINES SHALL BE PROPERLY PITCHED TO PREVENT "TRAPPED" WATER. INSTALL WASTE LINE CONNECTIONS WITH LONG TERM OR 45° "Y" FITTINGS.	
15. PROVIDE A BACKFLOW PREVENTER WITH SHUT OFF VALVE AT EACH PLUMBING FIXTURE OR PIECE OF EQUIPMENT THAT REQUIRES A WATER CONNECTION.	
16. PROVIDE (1) TRAP PRIMER CONNECTION FOR EACH NEW OR RELATED FLOOR DRAIN AND FLOOR SINK. CONNECT TRAP PRIMER VALVE TO NEAREST FIXTURE WITH COLD WATER SUPPLY. LOCATE TRAP PRIMER VALVE IN AN ACCESSIBLE SPACE.	

PLUMBING SYMBOLS	
—○—	BALL VALVE
⊗	MIXING VALVE
±	HOSE BIBB
—Φ—	WATER HAMMER ARRESTOR
—○—	PIPE UP
—○—	PIPE DROP
—○—	SAN
—○—	CD
—○—	PIPE BREAK
—○—	BACKFLOW PREVENTER
—○—	FLOOR DRAIN
1	KEYED NOTE
●○●	POINT OF NEW CONNECTION TO EXISTING WORK
◆●◆	POINT OF DISCONNECTION FROM EXISTING WORK
△	REVISION NUMBER INDICATOR
○○○	REVISION CLOUD
CW	RISER IDENTIFICATION
1	RISER NUMBER

PLUMBING PIPE REPRESENTATION	
— -	NEW DOMESTIC COLD WATER PIPING
— - -	NEW DOMESTIC HOT WATER PIPING
— - - -	NEW FILTERED WATER PIPING
—TPW—	NEW TRAP PRIMER WATER PIPING
— - - -	NEW VENT PIPING
— — —	EXISTING SANITARY PIPING
— CD —	NEW CONDENSATE PIPING
— - -	EXISTING DOMESTIC COLD WATER PIPING
— - -	EXISTING DOMESTIC HOT WATER PIPING
— - -	EXISTING VENT PIPING
— SAN —	EXISTING SANITARY PIPING
— CD —	EXISTING CONDENSATE PIPING

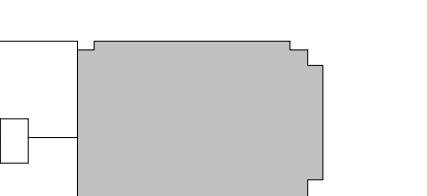
PLUMBING - DRAWING LIST	
DRAWING NUMBER	DRAWING NAME
P-001	PLUMBING - SYMBOLS, NOTES, ABBREVIATIONS, AND SCHEDULES
P-401	PLUMBING - 2ND FLOOR PLAN
P-502	PLUMBING - 2ND FLOOR ENLARGED PLANS
P-601	PLUMBING - DOMESTIC WATER RISERS
P-602	PLUMBING - SANITARY AND VENT RISERS
P-701	PLUMBING - DETAILS

PLUMBING - FIXTURE SCHEDULE										
DESIGNATION	DESCRIPTION	MANUFACTURER	MODEL	COLD WATER	HOT WATER	SANITARY	SANITARY INDIRECT	VENT	NOTES	
CM-1	COFFEE MAKER	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS	1/4"						
FD-1	FLOOR DRAIN	REFER TO ARCHITECTURAL DRAWINGS				2"		1 1/2"		
IM-1	ICE MAKER	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS	1/2"	1/2"		3/4"			
LAV-1	LAVATORY	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS	1/2"	1/2"	1 1/2"		1 1/2"		
REFR-1	REFRIGERATOR	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS	1/4"					WITH INSTALL INTEGRAL WATER FILTER	
SK-1	SINK	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS	1/2"	1/2"	1 1/2"		1 1/2"		
SK-2	SINK	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS	1/2"	1/2"	1 1/2"		1 1/2"		
WC-1	WATER CLOSET	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS	1 1/2"		3"		1 1/2"		

PLUMBING - ELECTRIC WATER HEATER SCHEDULE (TANK)																			
DESIGNATION	DESCRIPTION	MANUFACTURER	MODEL	QUANTITY	TANK CAPACITY	COLD WATER INLET	HOT WATER OUTLET	DRAIN LINE	DESIGN TEMP RISE	RECOVERY GPH	ELEMENTS	ELECTRICAL WATTAGE	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	ROOM	ROOM NUMBER	NOTES		
EWH-1	ELECTRIC WATER HEATER	A. O. SMITH	DEL-6	1	6.0 gal	3/4"	3/4"	3/4"	72 °F	17	1	3000 W	277 V	1					
EWH-1	ELECTRIC WATER HEATER	A. O. SMITH	DEL-6	1	6.0 gal	3/4"	3/4"	3/4"	72 °F	17	1	3000 W	277 V	1					

PLUMBING - ACCESSORY SCHEDULE								
DESIGNATION	DESCRIPTION	MANUFACTURER	MODEL	NOTES				
FCT-1	FAUCET - SINK	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS					
FCT-2	FAUCET - LAVATORY	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS					
FCT-3	FAUCET - WATER FILTER	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS					
FV-1	FLUSH VALVE - WATER CLOSET	REFER TO ARCHITECTURAL DRAWINGS	REFER TO ARCHITECTURAL DRAWINGS					

PLUMBING - WSFU SCHEDULE					
DESIGNATION	DESCRIPTION	QUANTITY	CW WSFU (PER FIXTURE)	HW WSFU (PER FIXTURE)	CW WSFU (TOTAL)
CM-1	COFFEE MAKER	2	0	0	0

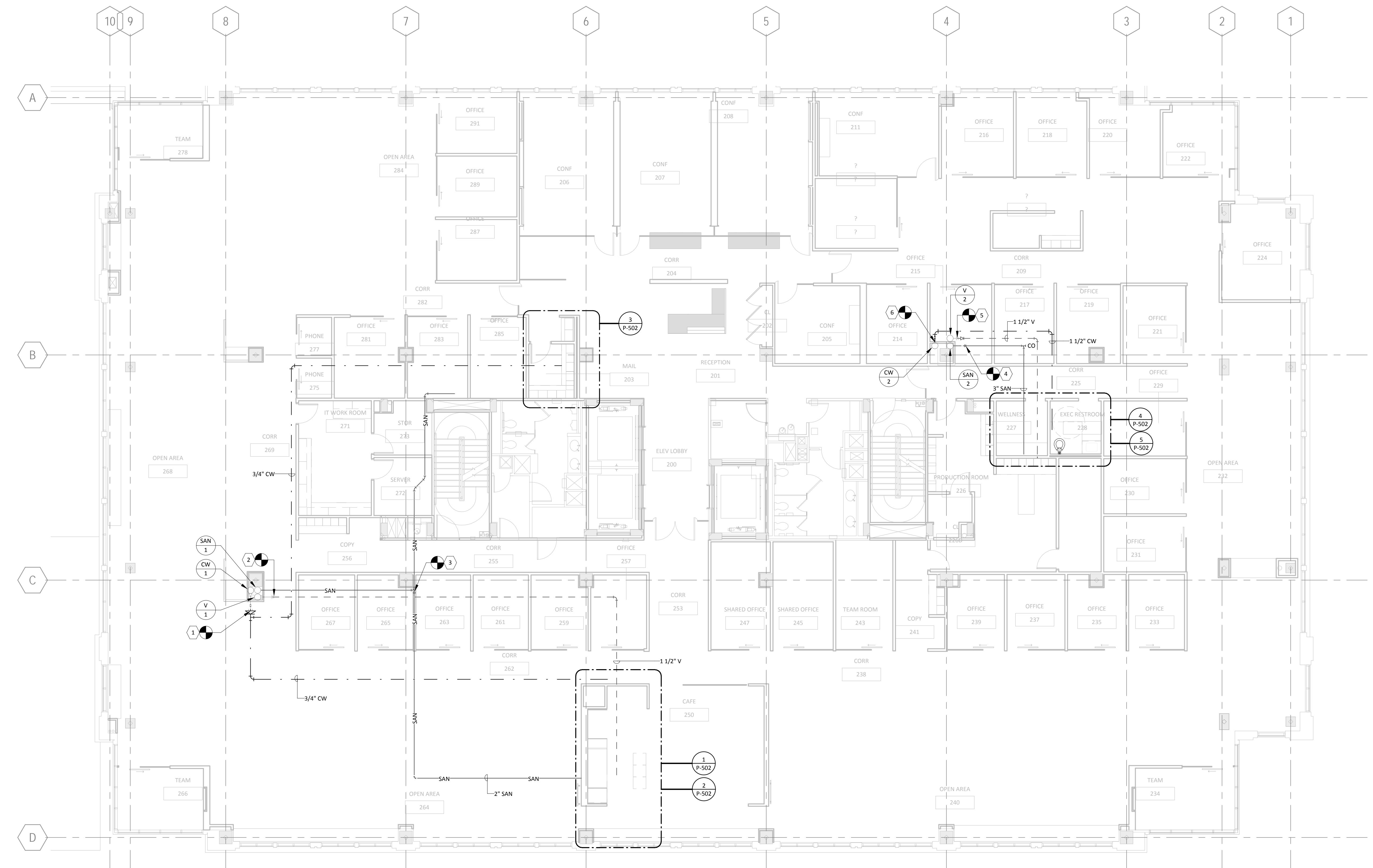


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Drawn	JAC	
Checked	RED	
Approved	RED	
	TITLE	

PLUMBING - 2ND FLOOR PLAN

SHEET NUMBER

P-401

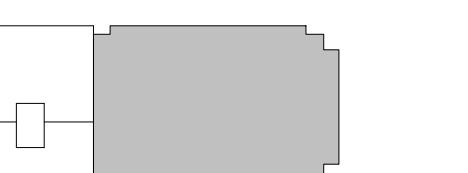


1 PLUMBING - 2ND FLOOR PLAN

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

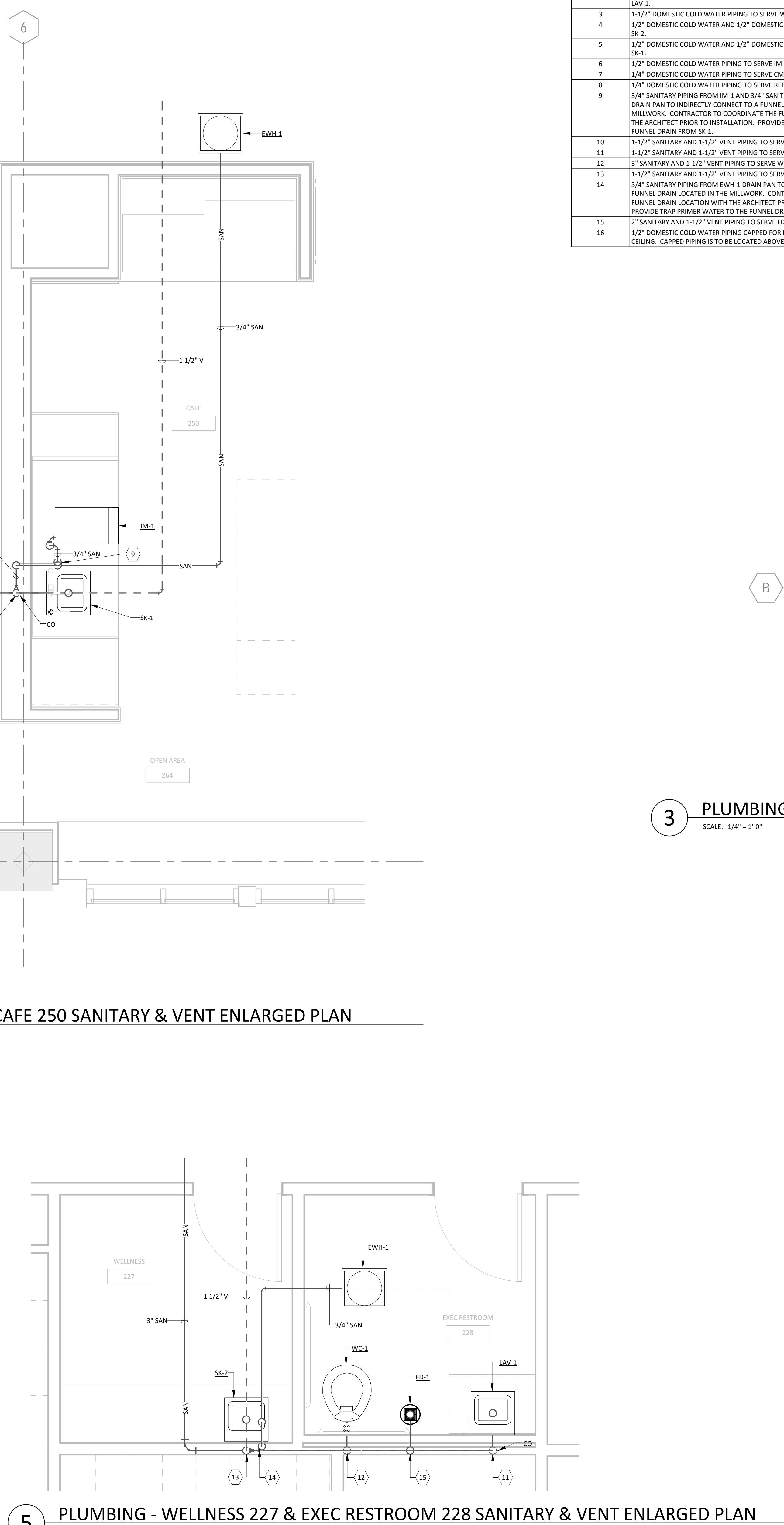
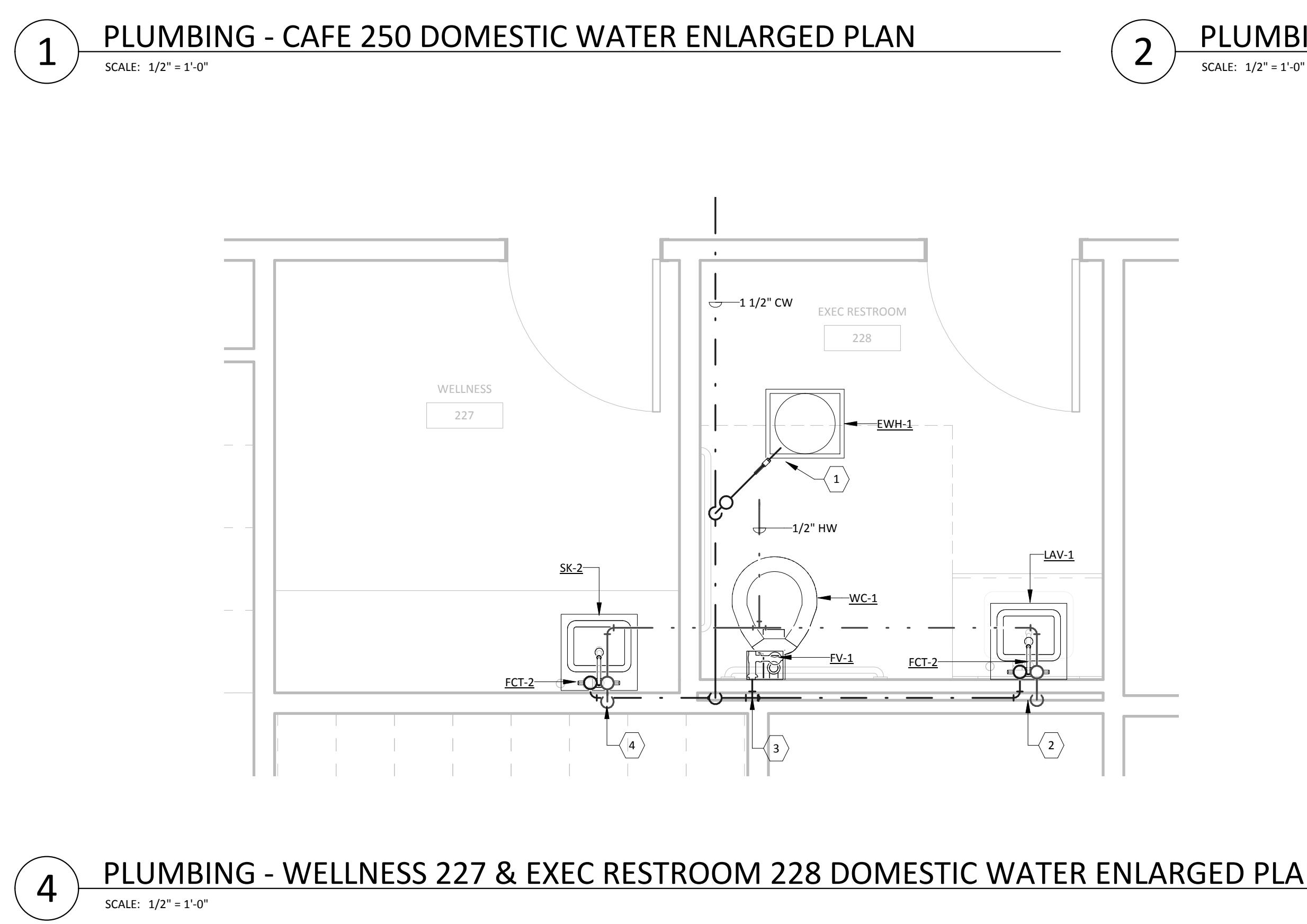
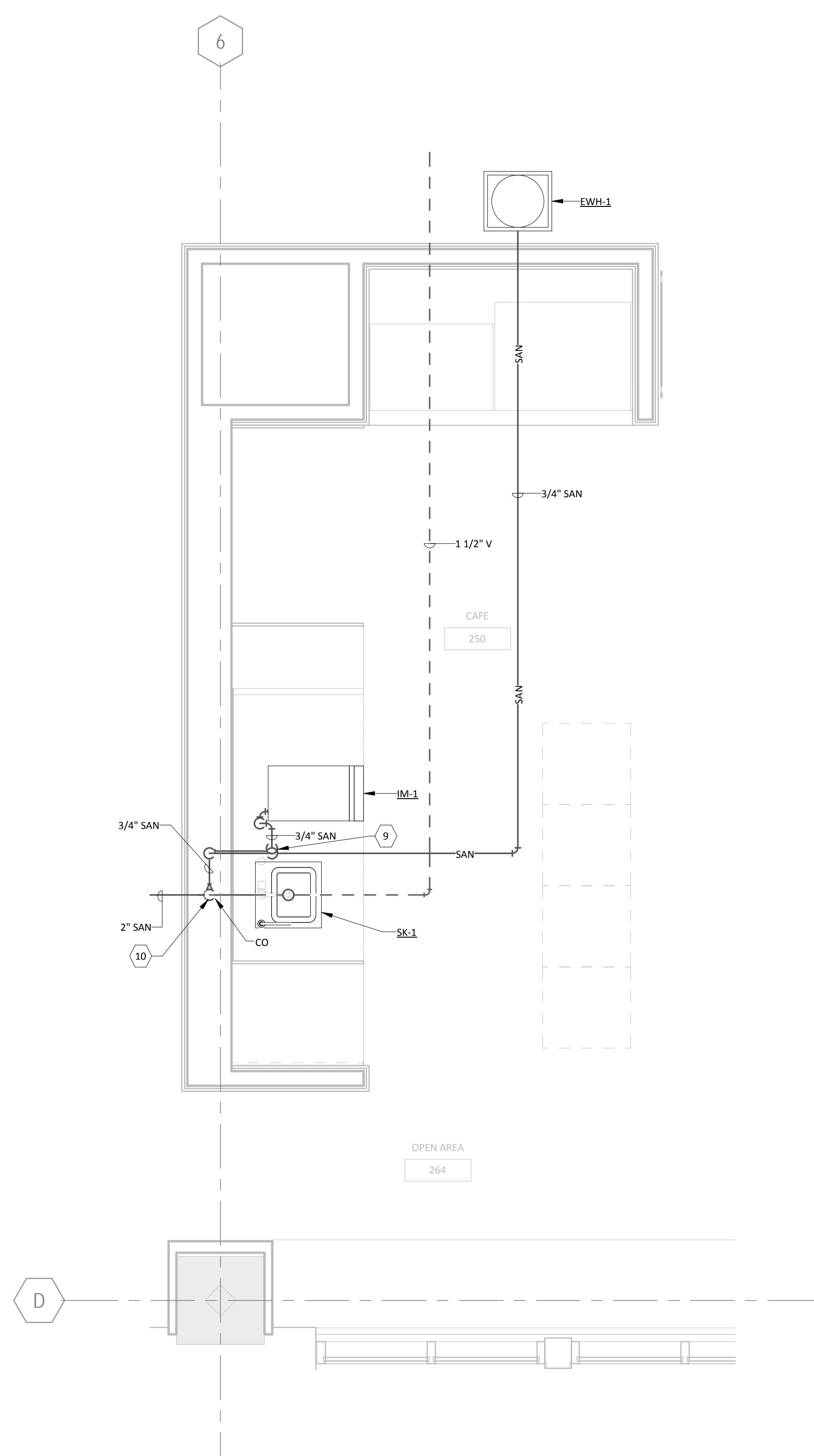
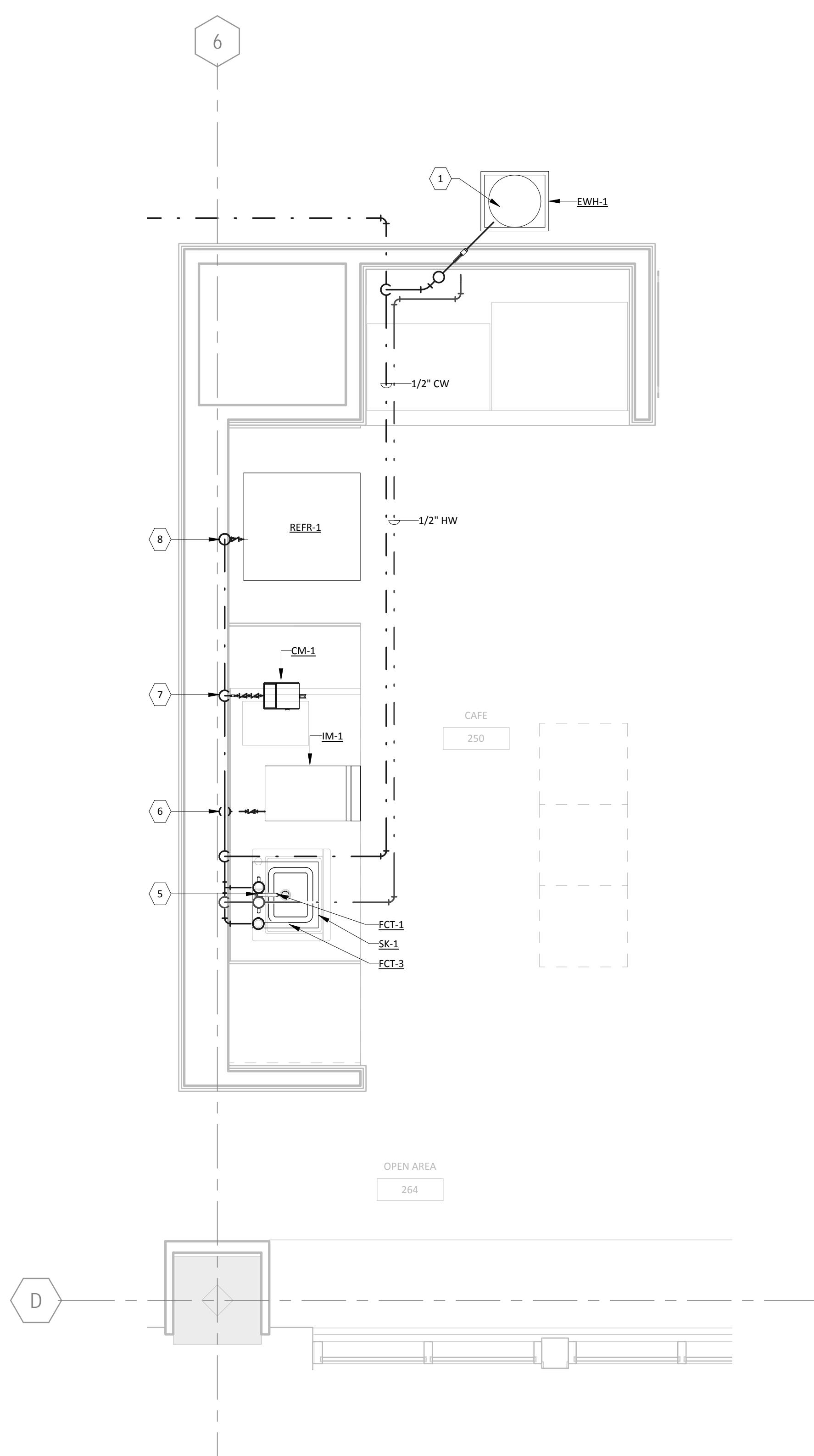
GENERAL NOTES	
1.	SEE GENERAL NOTES ON DRAWING P-001 FOR ADDITIONAL INFORMATION FOR NEW WORK REQUIREMENTS.
2.	REFER TO ARCHITECTURAL DRAWINGS FOR EXACT FIXTURE LOCATION.
3.	REFER TO PLUMBING RISER DRAWINGS FOR ADDITIONAL INFORMATION.

KEYED NOTES (X)	
1	CONNECT 3/4" DOMESTIC COLD WATER PIPING TO EXISTING CAPPED 1" DOMESTIC COLD WATER PIPING
2	CONNECT 1 1/2" VENT PIPING TO EXISTING 2" VENT PIPING.
3	CONNECT 3/4" SANITARY PIPING TO EXISTING 4" SANITARY PIPING.
4	CONNECT 2" SANITARY PIPING TO EXISTING 4" SANITARY PIPING.
5	CONNECT 2" VENT PIPING TO EXISTING 3" VENT PIPING.
6	CONNECT 1 1/2" DOMESTIC COLD WATER PIPING TO EXISTING DOMESTIC COLD WATER RISER.



1	ISSUE FOR PERMITTING DOCUMENTS	05/28/15
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	TITLE	

PLUMBING - 2ND FLOOR  
ENLARGED PLANS

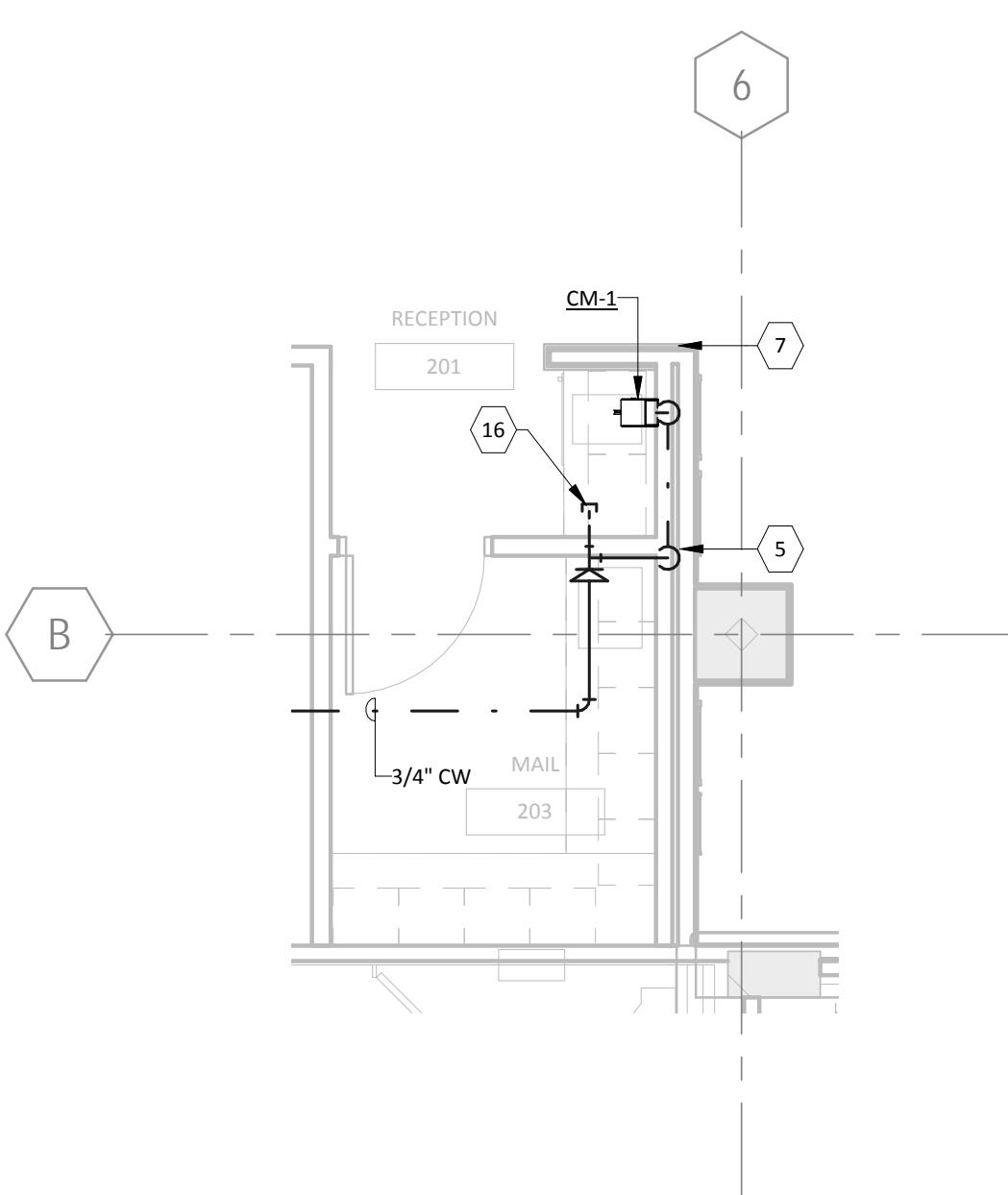


**KEYED NOTES**

1 3/4" DOMESTIC COLD WATER AND 3/4" DOMESTIC HOT WATER PIPING TO SERVE EWH-1.  
2 1/2" DOMESTIC COLD WATER AND 1/2" DOMESTIC HOT WATER PIPING TO SERVE LAV-1.  
3 1-1/2" DOMESTIC COLD WATER PIPING TO SERVE WC-1.  
4 1/2" DOMESTIC COLD WATER AND 1/2" DOMESTIC HOT WATER PIPING TO SERVE SK-2.  
5 1/2" DOMESTIC COLD WATER AND 1/2" DOMESTIC HOT WATER PIPING TO SERVE FD-1.  
6 1/2" DOMESTIC COLD WATER PIPING TO SERVE IM-1.  
7 1/4" DOMESTIC COLD WATER PIPING TO SERVE CM-1.  
8 1/4" DOMESTIC COLD WATER PIPING TO SERVE REFR-1.  
9 3/4" SANITARY PIPING FROM IM-1 AND 3/4" SANITARY PIPING FROM EWH-1.  
10 1-1/2" SANITARY AND 1-1/2" VENT PIPING TO SERVE SK-1.  
11 1-1/2" SANITARY AND 1-1/2" VENT PIPING TO SERVE LAV-1.  
12 3" SANITARY AND 1-1/2" VENT PIPING TO SERVE WC-1.  
13 1-1/2" SANITARY AND 1-1/2" VENT PIPING TO SERVE FD-1.  
14 3/4" SANITARY PIPING FROM EWH-1 DRINK PAN TO INDIRECTLY CONNECT TO A FUNNEL DRAIN LOCATED IN THE MILKHOUSE. CONTRACTOR TO COORDINATE THE FUNNEL DRAIN LOCATION WITH THE ARCHITECT PRIOR TO INSTALLATION. PROVIDE TRAP PRIMER WATER TO THE FUNNEL DRAIN FROM SK-2.  
15 2" SANITARY AND 1-1/2" VENT PIPING TO SERVE FD-1.  
16 1/2" DOMESTIC COLD WATER PIPING CAPPED FOR FUTURE USE ABOVE THE CEILING. CAPPED PIPING IS TO BE LOCATED ABOVE THE ACTUAL CEILING.

**GENERAL NOTES**

1. SEE GENERAL NOTES ON DRAWING P-001 FOR ADDITIONAL INFORMATION FOR NEW WORK REQUIREMENTS.  
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT FIXTURE LOCATION.  
3. REFER TO PLUMBING RISER DRAWINGS FOR ADDITIONAL INFORMATION.





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PROJECT  
**FOULGER-PRATT**

FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN

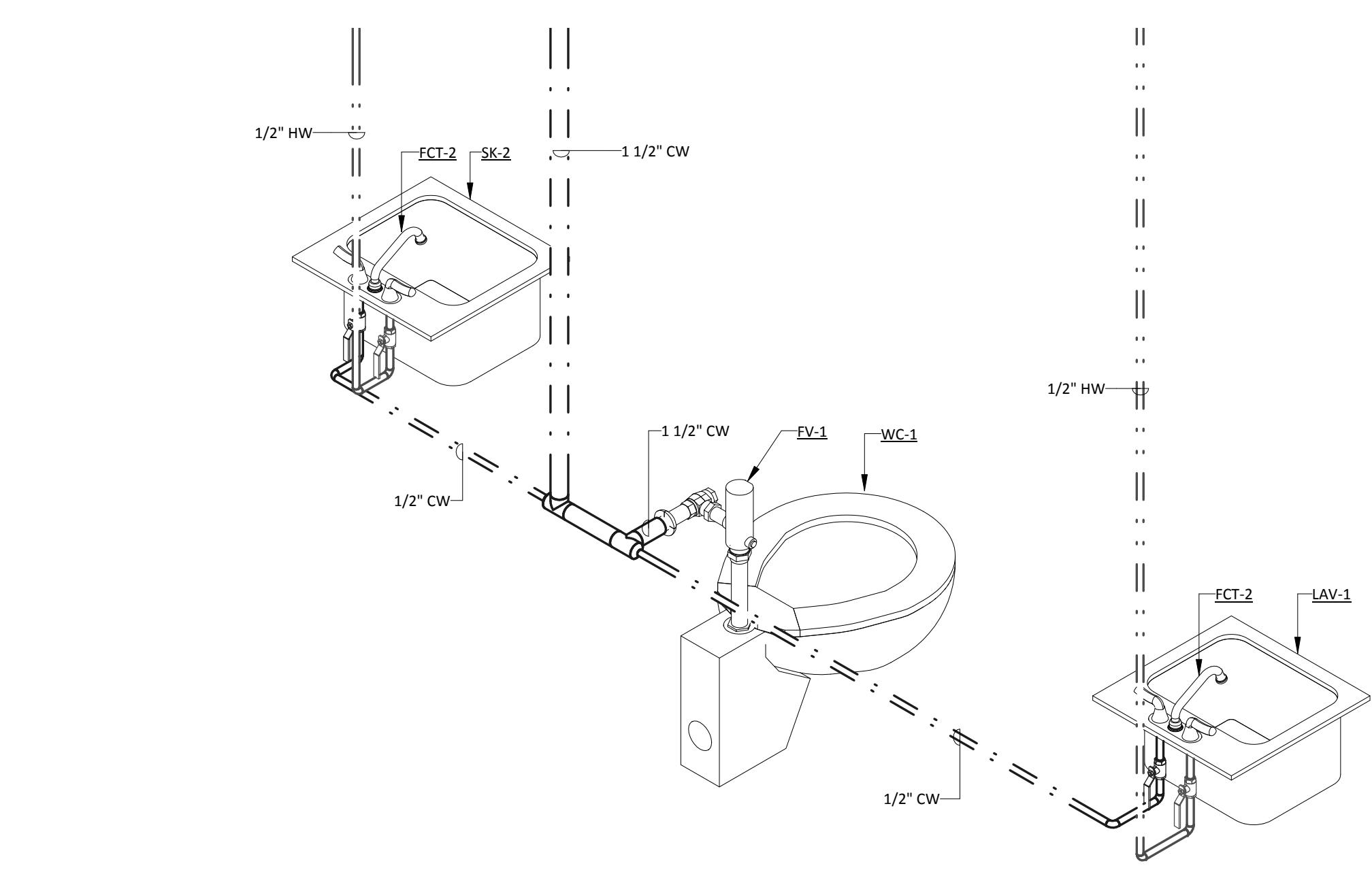
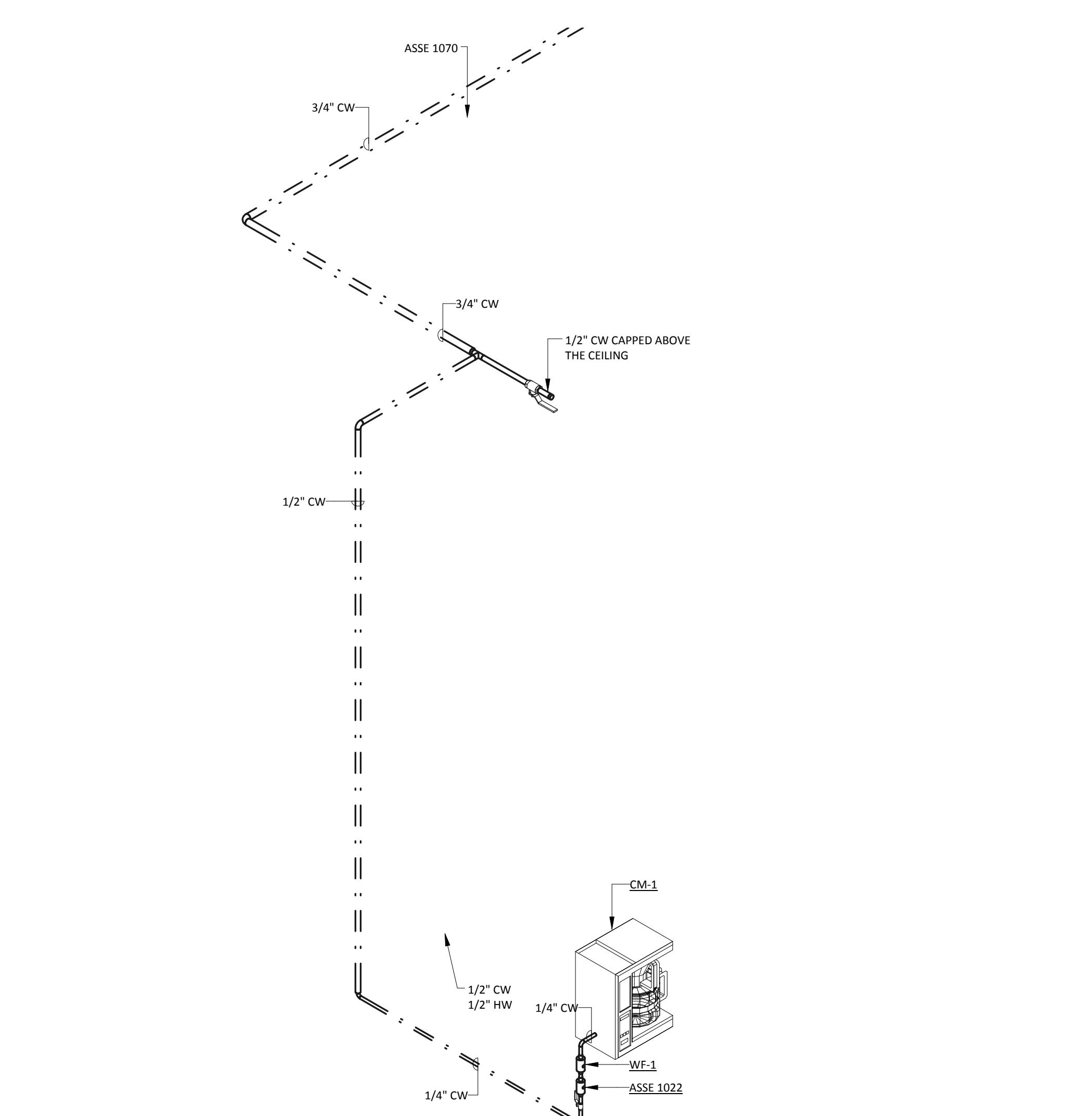
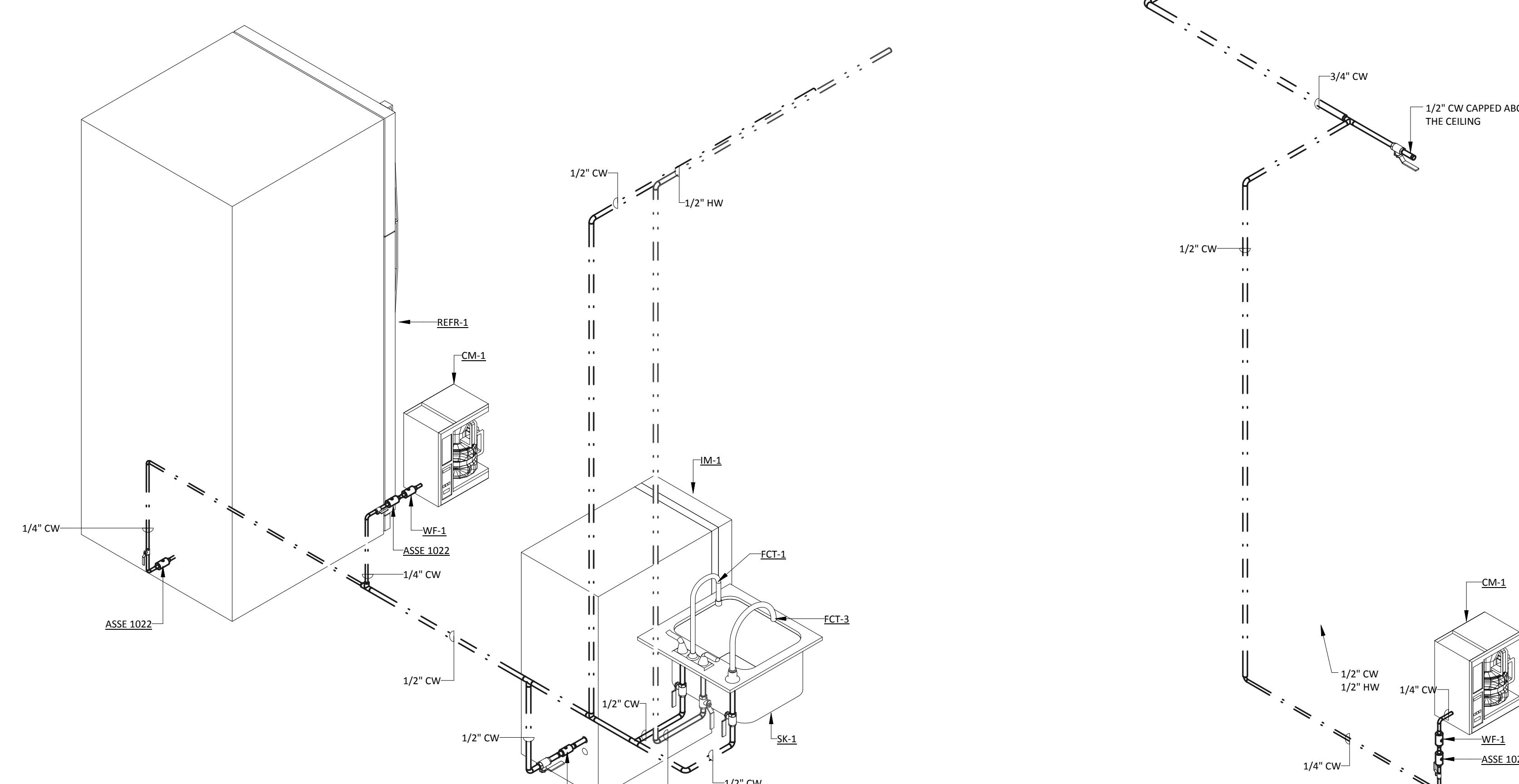
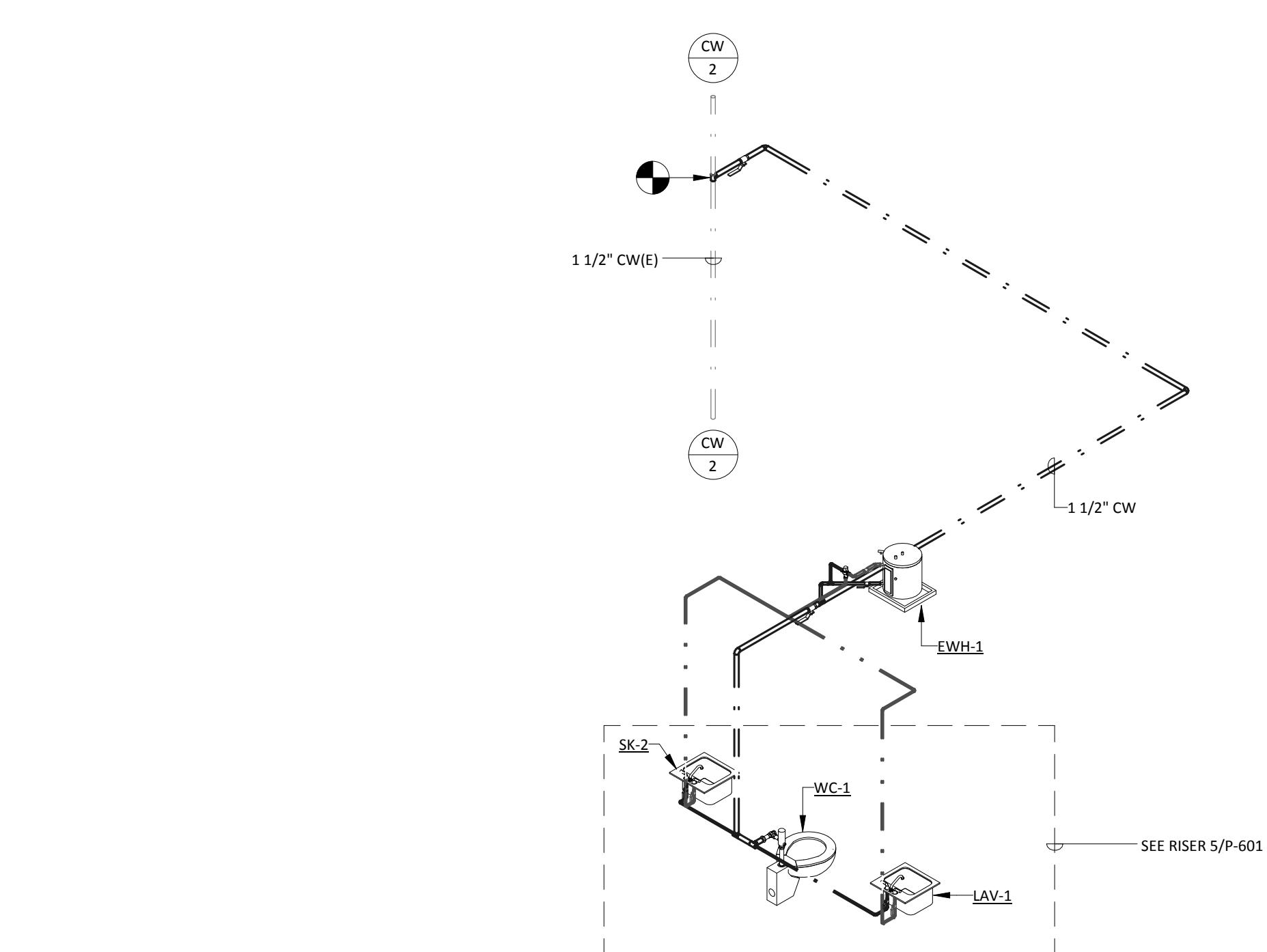
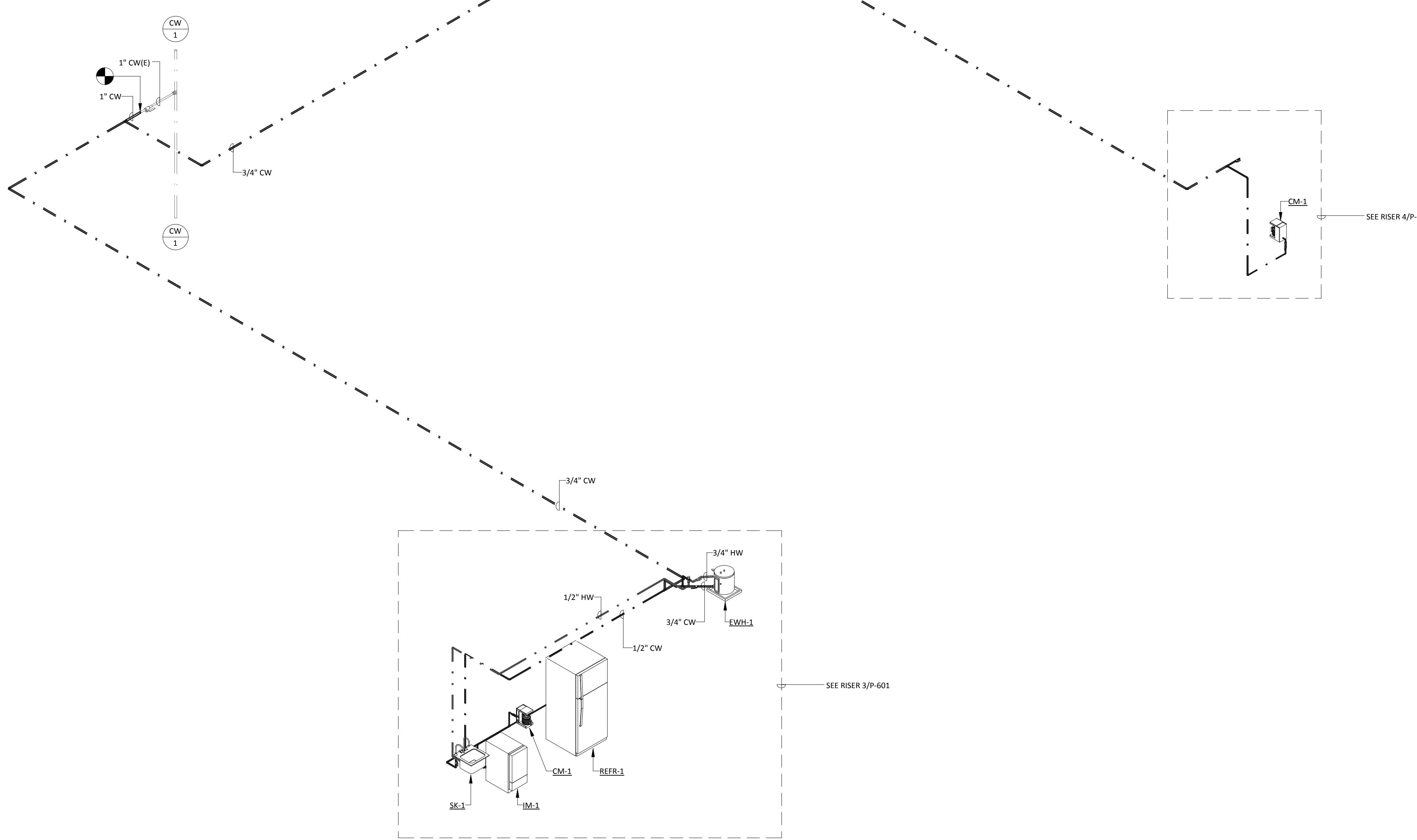
ISSUE CHART

4	ISSUE FOR PERMIT/BID	0528/15
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MARK	ISSUE DATE	
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Checked	RED	
Approved	RED	
	TITLE	

PLUMBING - DOMESTIC  
WATER RISERS

SHEET NUMBER

**P-601**

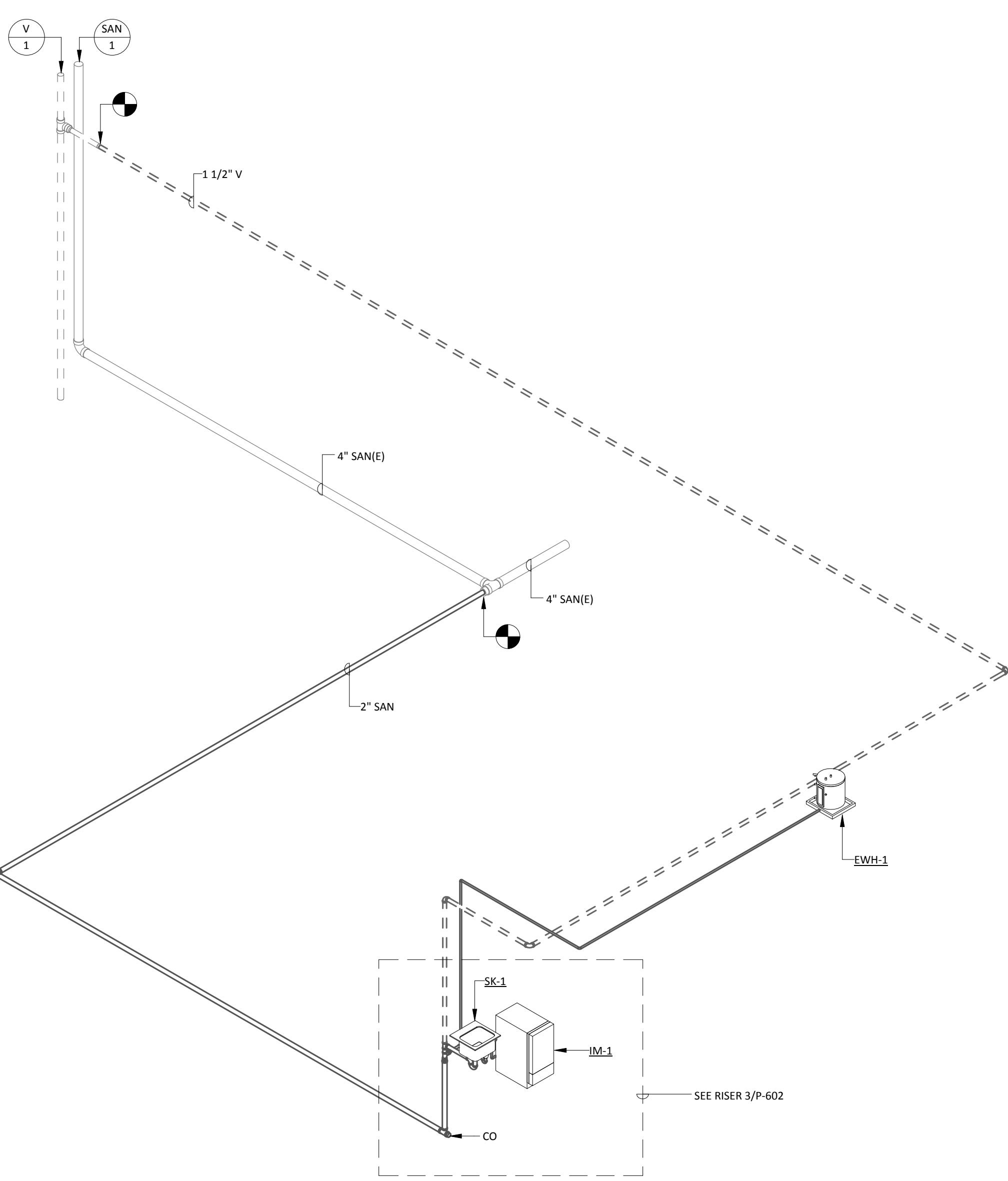


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Approved	RED	
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PLUMBING - SANITARY  
AND VENT RISERS

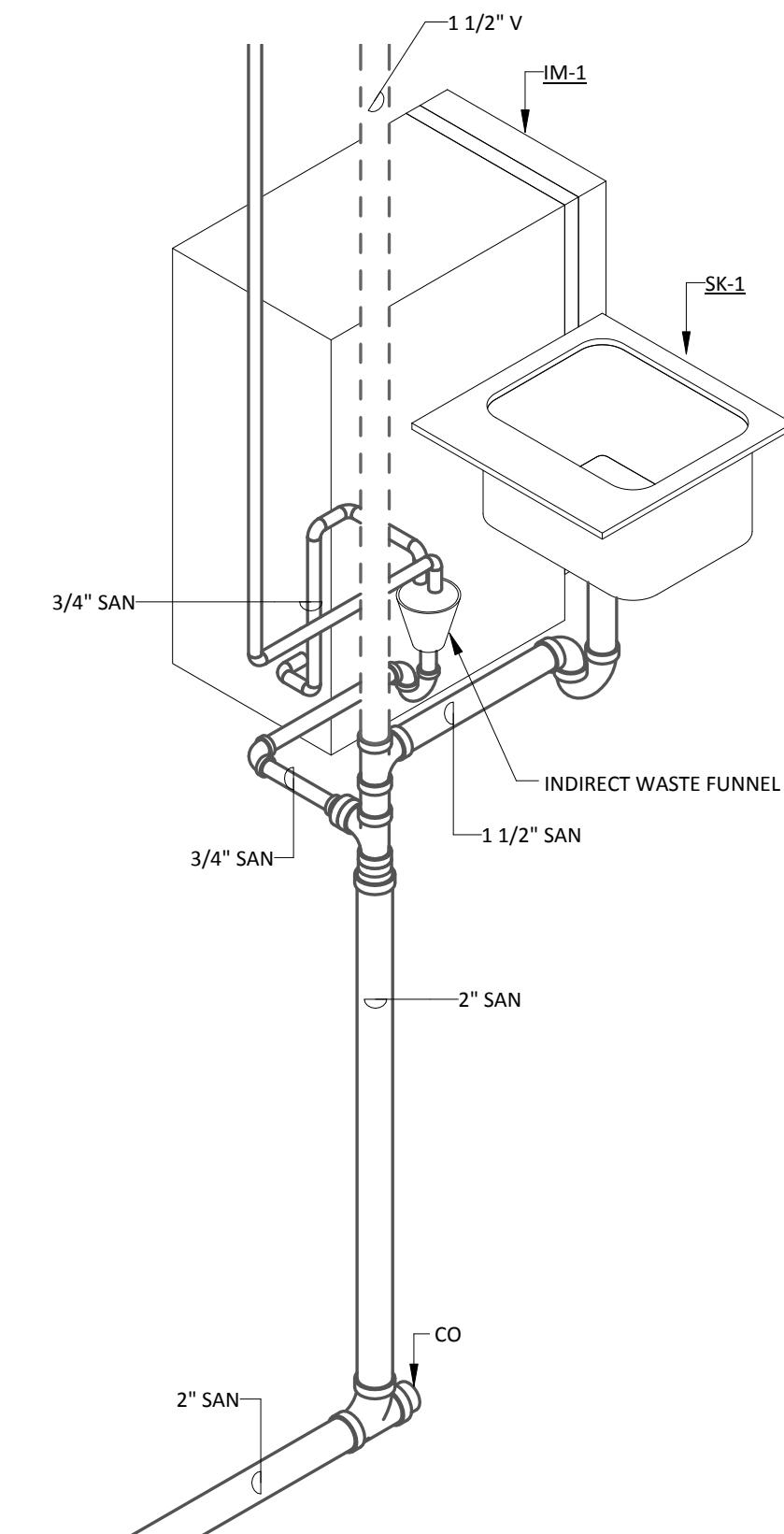
SHEET NUMBER

**P-602**



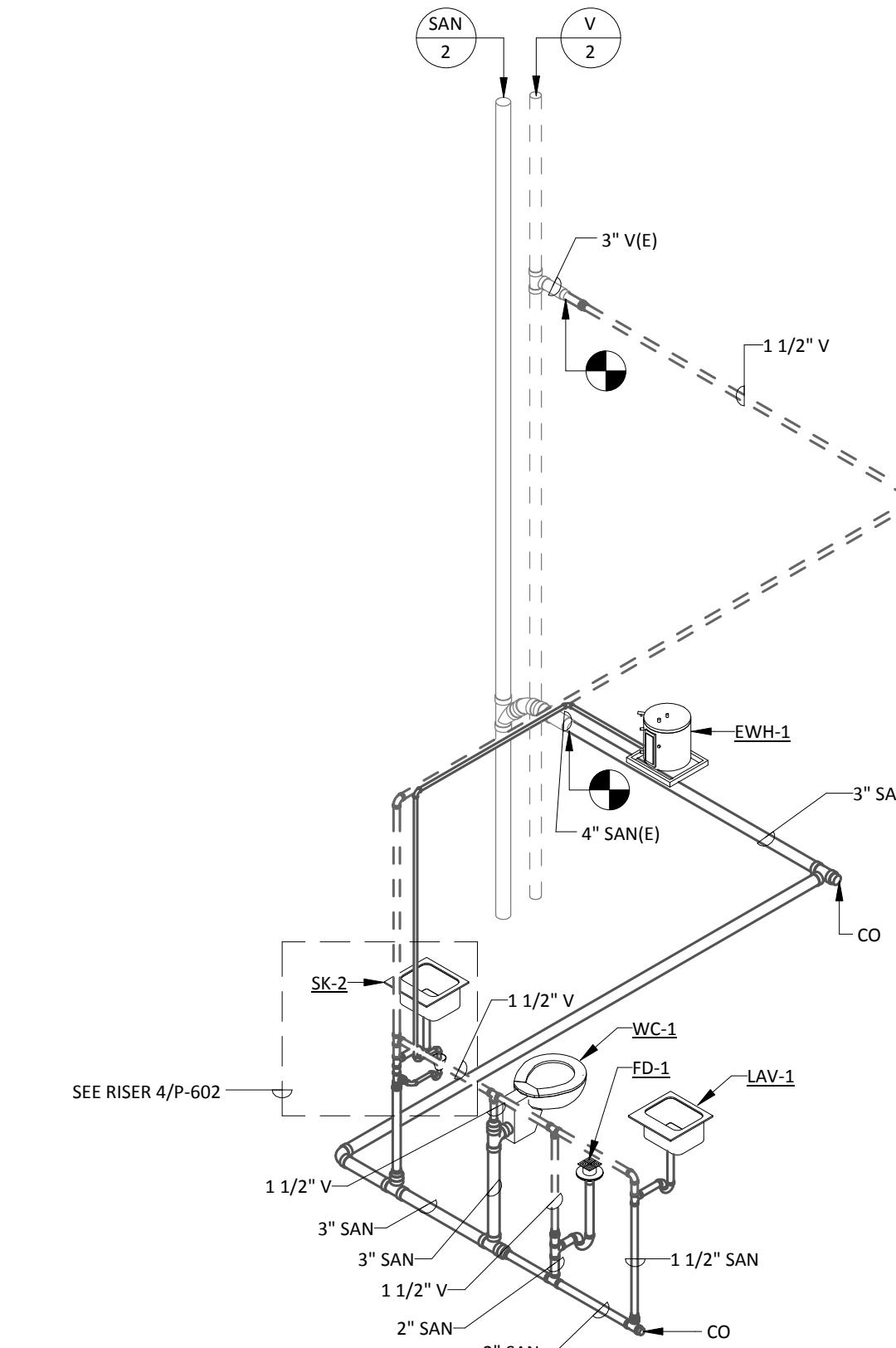
**1 PLUMBING - CAFE 228 SANITARY AND VENT RISER**

SCALE: N.T.S.



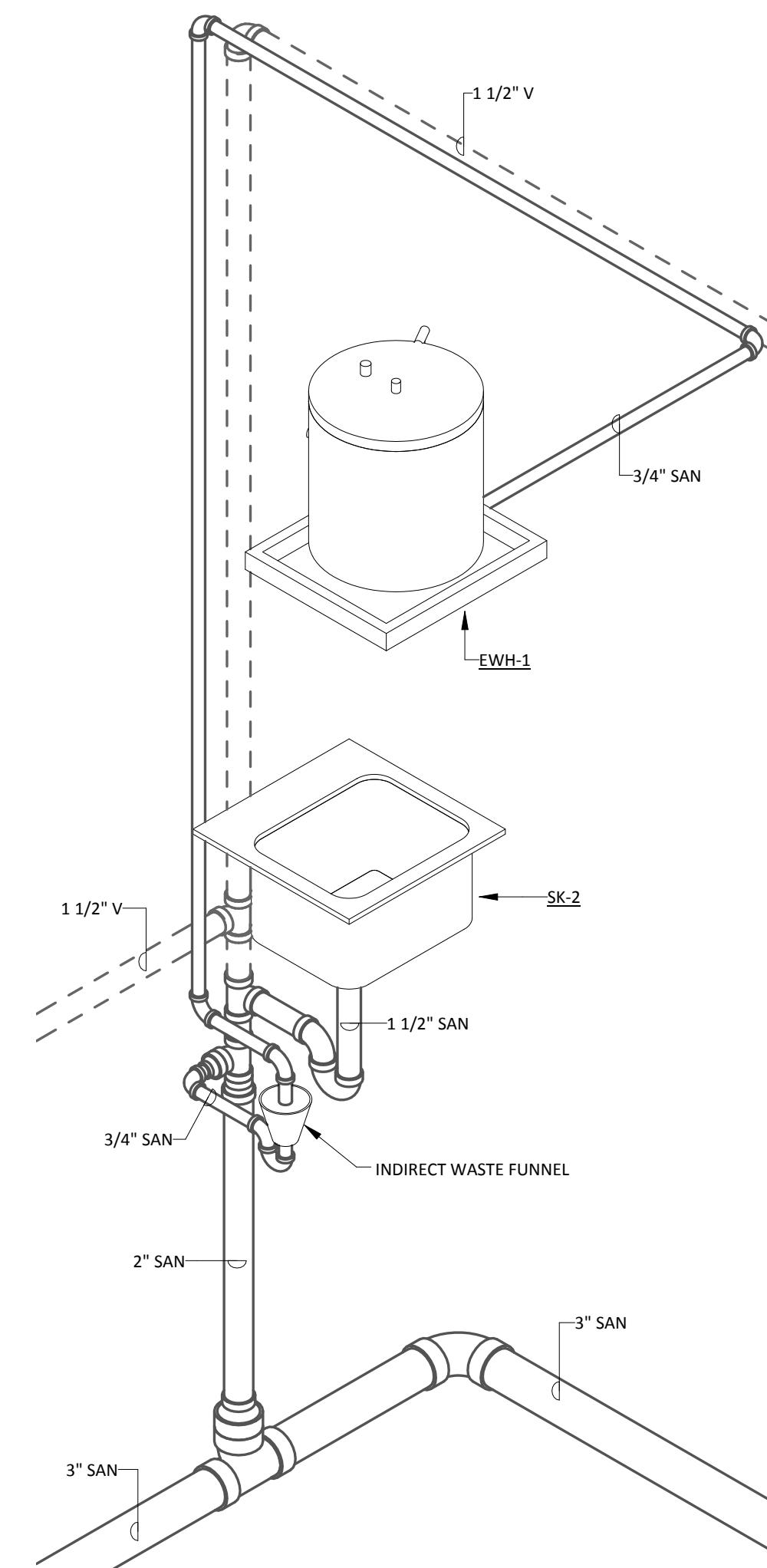
**3 PLUMBING - CAFE 228 SANITARY AND VENT ENLARGED RISER**

SCALE: N.T.S.



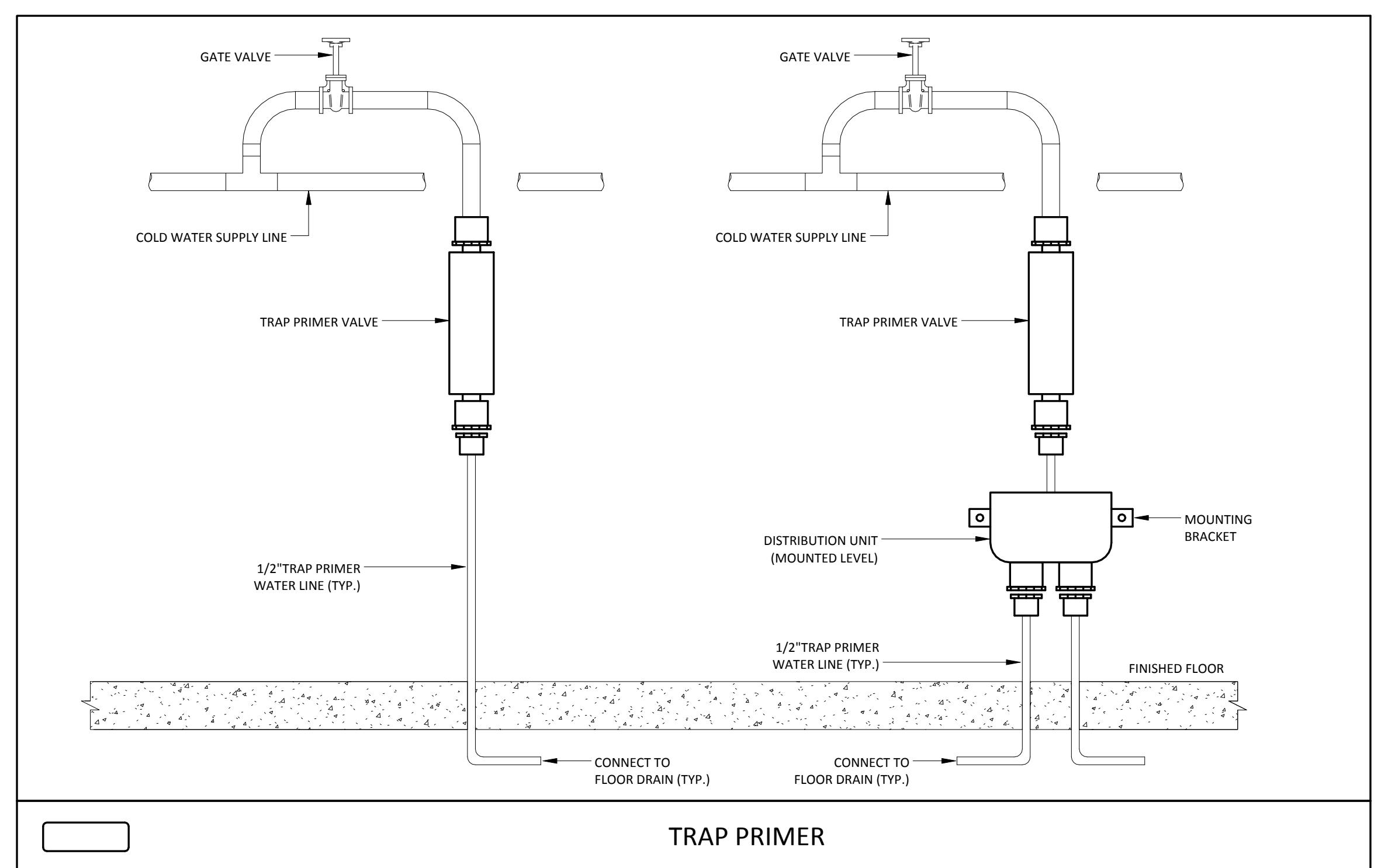
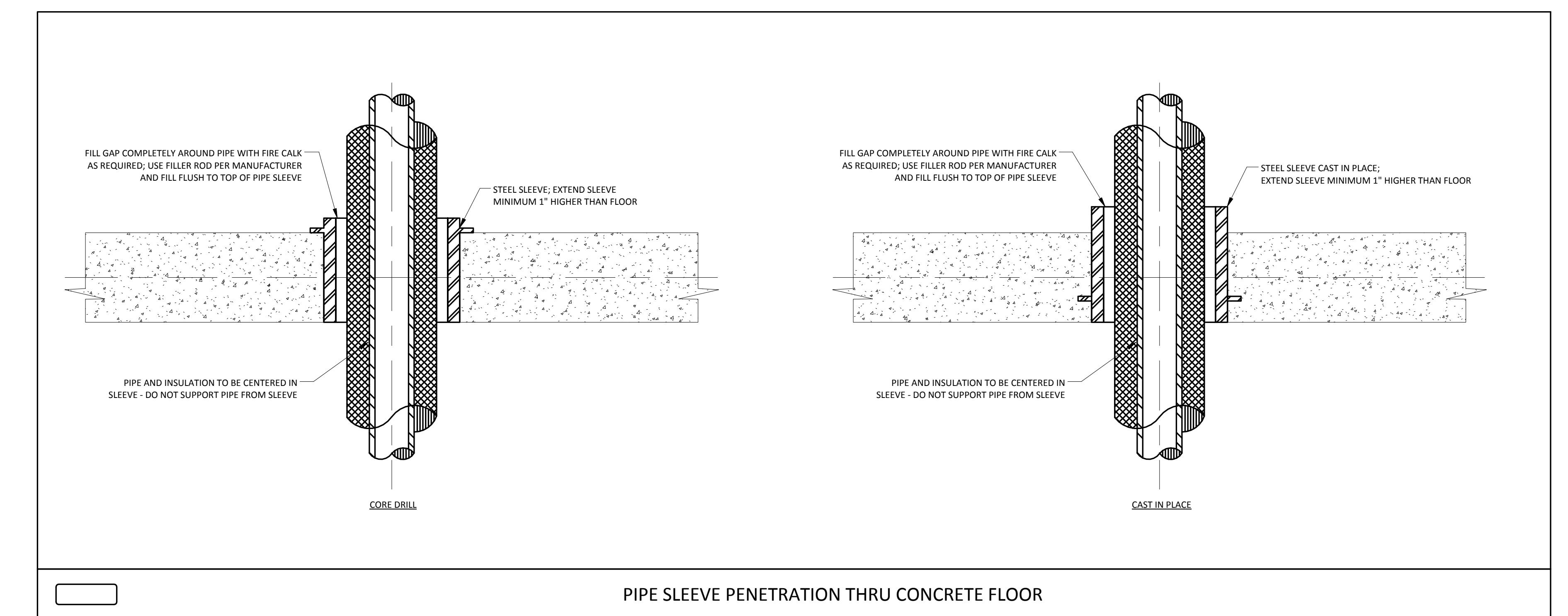
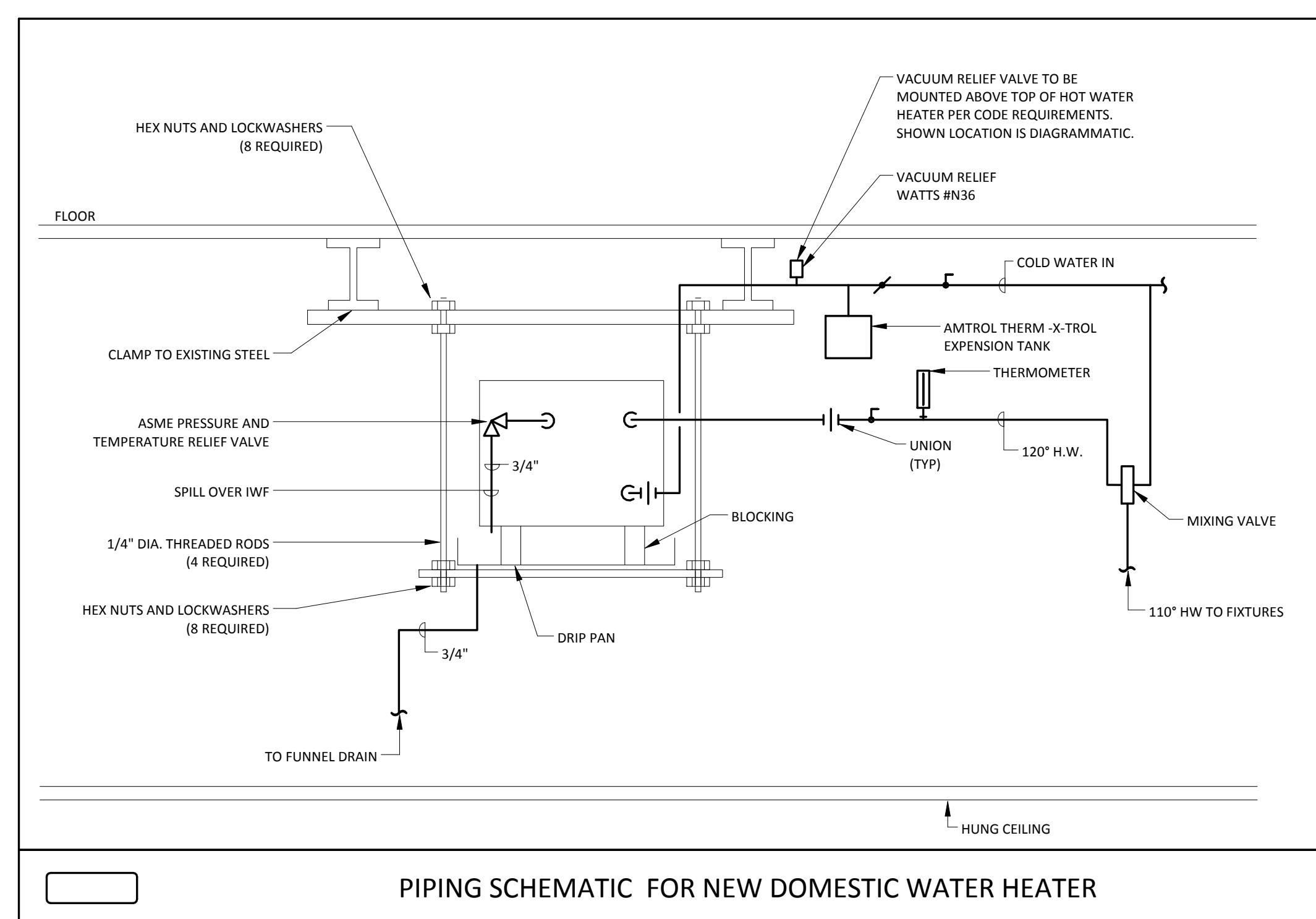
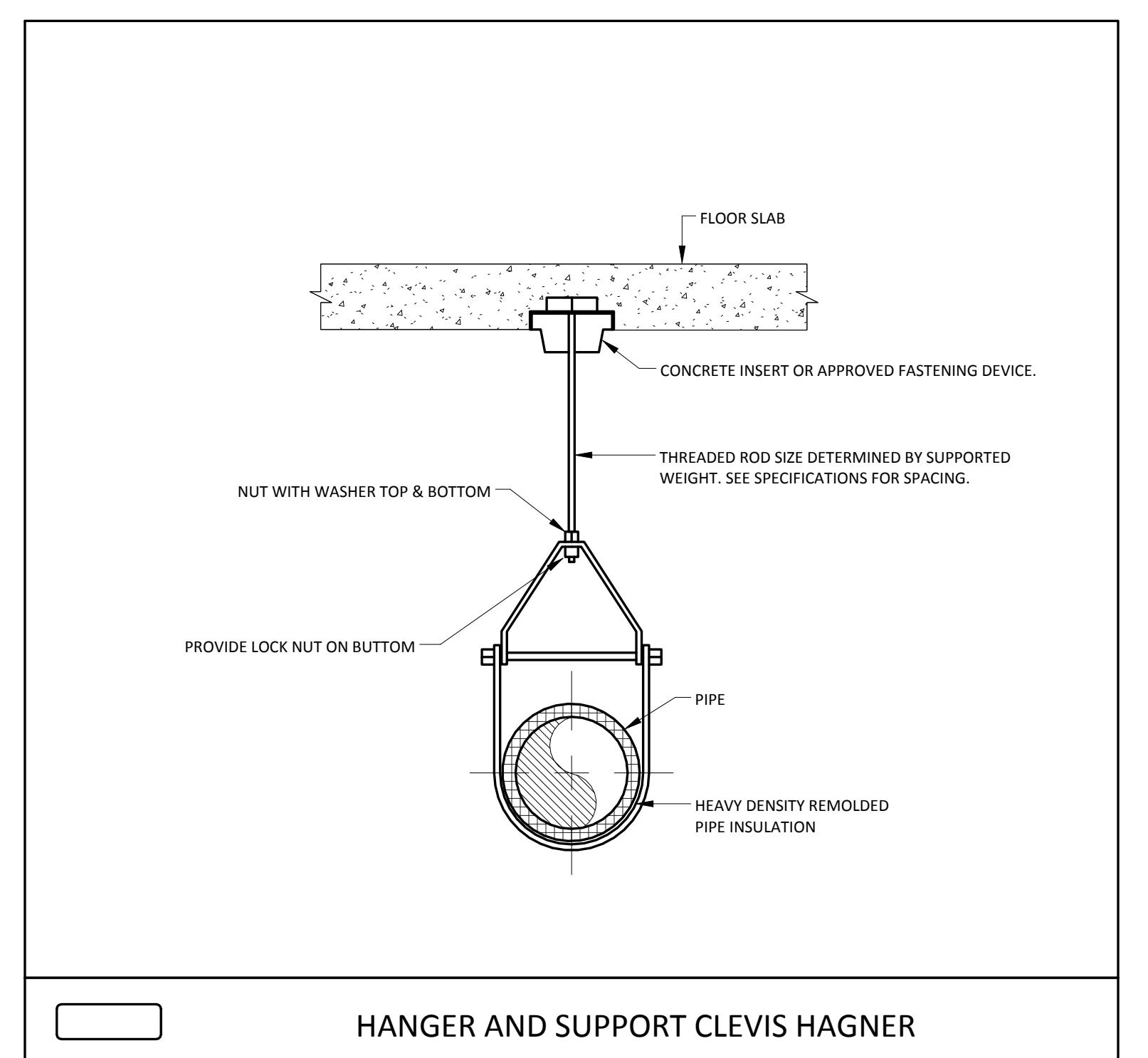
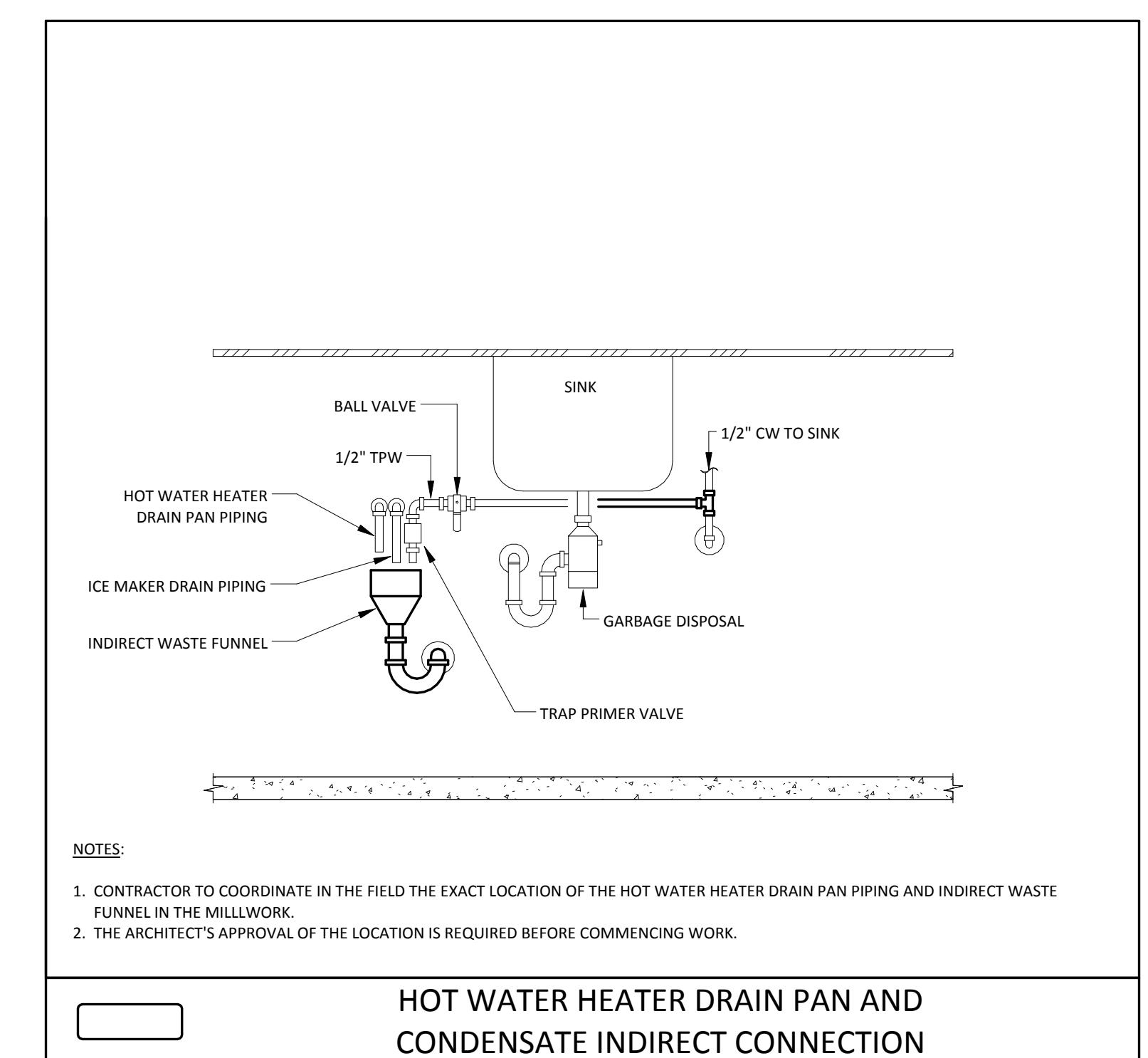
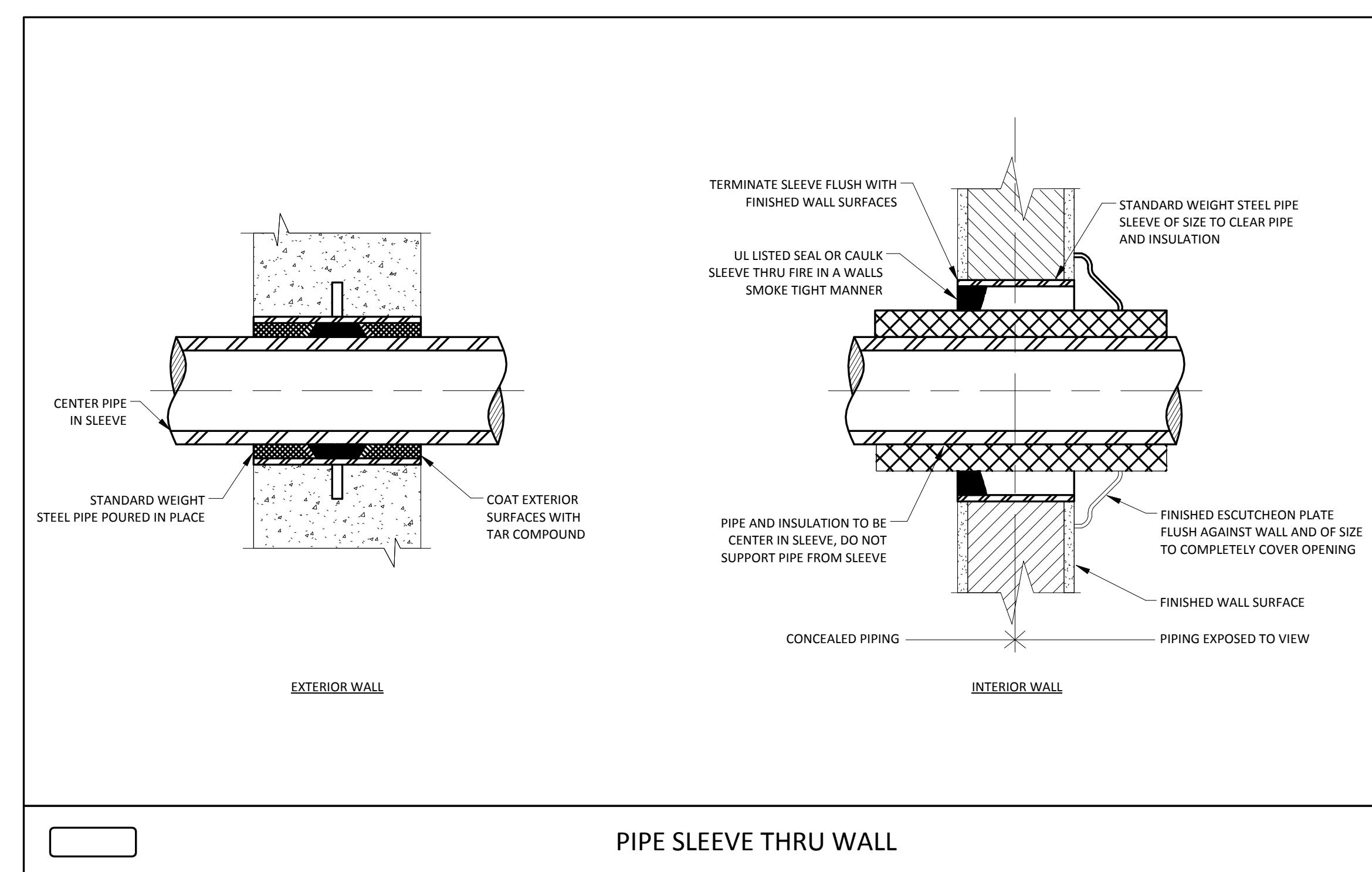
**2 PLUMBING - WELLNESS 227 & RESTROOM 228 SANITARY AND VENT RISER**

SCALE: N.T.S.



**4 PLUMBING - WELLNESS 227 & RESTROOM 228 SANITARY AND VENT ENLARGED RISER**

SCALE: N.T.S.



1	ISSUE FOR PERMIT	05/28/15
3	90% CONSTRUCTION DOCUMENTS	05/14/15
2	75% CONSTRUCTION DOCUMENTS	05/01/15
1	DESIGN DEVELOPMENT	03/06/15
MARK	ISSUE DATE	05/28/15
Job Number	05PAW.150048	
Drawn	JAC	
Checked	RED	
Approved	RED	

4	ISSUE FOR PERMIT/BID	05/29/15
3	90% CONSTRUCTION DOCUMENTS	05/14/15
2	75% CONSTRUCTION DOCUMENTS	05/11/15
1	DESIGN DEVELOPMENT	05/26/15
MARK	ISSUE DATE	
Job Number	05PAW150048	
Drawn	TVO	
Checked	JDS	
Approved	RED	

ELECTRICAL -  
SYMBOLS, NOTES,  
AND ABBREVIATIONS

SHEET NUMBER

E-001

## ELECTRICAL GENERAL NOTES

- 1. ALL WORK SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NEC ELECTRICAL AND LOCAL BUILDING CODE, NFPA, UL, BUILDING MANAGEMENT RULES AND REGULATIONS, AND ALL OTHER GOVERNING AGENCIES HAVING JURISDICTION.
- 2. ALL WORK SHALL BE INSTALLED CONCEALED UNLESS OTHERWISE NOTED.
- 3. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS OF FINISHED CONSTRUCTION PRIOR TO FABRICATION AND INSTALLATION OF FIXTURES AND EQUIPMENT.
- 4. MOUNTING HEIGHTS OF EQUIPMENT AND DEVICES SHALL BE AS INDICATED ON THE ARCHITECTURAL DRAWINGS, UNLESS OTHERWISE NOTED. MOUNTING HEIGHTS UNLESS OTHERWISE NOTED (ALL DIMENSIONS TO CENTERLINE OF BOX):
  - A. RECEPTACLES (WALL MOUNTED) - 18" A.F.
  - B. RECEPTACLES (COUNTER HEIGHT) - HORIZONTAL 6" ABOVE COUNTER
  - C. TELEPHONE/DATA OUTLETS - SAME HEIGHT AS RECEPTACLES
  - D. SINK AREA - SAME HEIGHT AS RECEPTACLES - 18" A.F.
  - E. MANUAL FIRE ALARM STATIONS - 48" A.F.
  - F. FIRE ALARM HORN/STROBE UNITS AND STROBE UNITS - 80" A.F.
  - G. PANELBOARD - 78" TO TOP OF ENCLOSURE
- 5. WHERE EQUIPMENT, LIGHTING FIXTURES AND WIRING DEVICES ARE SHOWN WITH CIRCUIT NUMBERS ONLY, THE MINIMUM BRANCH CIRCUITING REQUIREMENTS SHALL BE AS FOLLOWS:
  - A. LIGHTING FIXTURES - 2#12, #12 GRD- 3/4" C.
  - B. RECEPXTACLES - 2#12, #12 GRD- 3/4" C.
  - C. BRANCH CIRCUIT BREAKERS (120 VOLT) - 1P, 20A
  - D. BRANCH CIRCUIT BREAKERS (277 VOLT) - 1P, 20A
- 6. FINAL LOCATION OF CEILING MOUNTED EQUIPMENT SHALL BE IN ACCORDANCE WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- 7. SEPARATELY MOUNTED OUTLET BOXES AND FLEXIBLE CONDUIT PIGTAIL CONNECTIONS SHALL BE PROVIDED FOR LIGHTING FIXTURES RECEDED IN HUNG CEILINGS. ACCESSIBLE TILE HUNG CEILING AREAS A SINGLE OUTLET BOX MAY SERVE UP TO A MAXIMUM OF FOUR (4) LIGHTING OUTLET BOX MAY SERVE UP TO A MAXIMUM OF FOUR (4) LIGHTING FIXTURES USING FLEXIBLE CONDUIT PIGTAIL CONNECTIONS WITH A MAXIMUM LENGTH OF 6'0".
- 8. WIRING IN AIR PLENUM HUNG CEILINGS INSTALLED WITHOUT CONDUIT OR EMT SHALL BE TEFON JACKETED.
- 9. COORDINATE WITH OTHER TRADES TO DETERMINE THE EXACT LOCATION OF MOTORS, MOTOR TERMINAL BOXES, AND OTHER EQUIPMENT TO BE INSTALLED BY OTHER TRADES (DO NOT CONDUIT AND/OR WIRE IS STARTED). REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF ALL MECHANICAL EQUIPMENT.
- 10. NO LOW VOLTAGE WIRING SHALL BE PERMITTED IN THE SAME RACEWAY AS POWER WIRING.
- 11. EMERGENCY SERVICES SHALL BE RUN IN SEPARATE RACEWAYS FROM ALL OTHER SYSTEMS.
- 12. WHERE LIGHTING SWITCH INDICATIONS ARE NOT SHOWN, SWITCHES SHALL BE CONNECTED TO CONTROL ALL SWITCHED FIXTURES WITHIN THE CORRESPONDING SPACE.
- 13. AT ALL EMPTY CONDUITS PROVIDE BUSHINGS AT ENDS AND DRAG WIRES.
- 14. PROVIDE SEPARATE NEUTRALS FOR ALL LIGHTING FIXTURES WITH ELECTRONIC BALLASTS AND FOR CIRCUITS WITH INDUCTIVE LOADS (IG).
- 15. ALL LIGHTING FIXTURES CONTROLLED BY DIMMER SWITCHES SHALL BE PROVIDED WITH SEPARATE NEUTRAL CONDUCTORS.
- 16. ELECTRICAL CONTRACTOR SHALL PROVIDE AN ELECTRICAL INSPECTION APPROVAL CERTIFICATE TO BUILDING MANAGEMENT UPON COMPLETION OF WORK.
- 17. REFER TO ARCHITECTURAL DRAWINGS FOR DESCRIPTION OF ANY SYMBOL NOT LISTED ON THE DRAWING BUT IS SHOWN ON THE POWER OR LIGHTING PLANS.
- 18. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE TYPE DESIGNATIONS IF THEY ARE NOT SHOWN ON LIGHTING PLANS.
- 19. CONTRACTOR TO MAINTAIN THE CONTINUITY OF ALL ELECTRICAL SERVICES TO EXISTING AREAS WHICH ARE TO REMAIN. COORDINATE WITH CLIENT/BLDG. MANAGEMENT.
- 20. CIRCUIT NUMBERS ARE FOR REFERENCE ONLY. CIRCUIT NUMBERS ARE INTENDED TO BE USED FOR QUANTITIES AND FOR DESIGNATING WHAT UNITS (FIXTURES, EQUIPMENT, ETC.) WILL BE ON THE SAME CIRCUIT. CONTRACTOR SHALL REARRANGE CIRCUITS PER FIELD CONDITIONS AND TO BALANCE THE LOADS AT THE PANELS PER SPECIFICATIONS. ELECTRICAL CONTRACTOR SHALL PROVIDE CIRCUIT WITH PROPER PASSAGES. SERVICES FOR WHICH THIS NEEDS TO OCCUR. CONTRACTOR SHALL DOCUMENT ALL AFFECTED CIRCUITS, LABEL EACH OUTLET COVER WITH ACTUAL PANEL DESIGNATION AND CIRCUIT NUMBER, AND PROVIDE "AS-BUILT" PANEL DIRECTORIES AND DRAWINGS PER SPECIFICATIONS.
- 21. THE OPERATION OF THE ELECTRICAL INSTALLATION DOES NOT CONSTITUTE AN ACCEPTANCE OF THE WORK BY THE OWNER. FINAL ACCEPTANCE IS TO BE MADE AFTER THE CONTRACTOR HAS DEMONSTRATED THAT THE WORK FULFILLS THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS AND HAS FURNISHED ALL REQUIRED CERTIFICATES OF APPROVAL FROM THE STATE AUTHORITIES, MUNICIPAL AUTHORITIES AND UNDERWRITERS.
- 22. START OF WORK AND ALL ACCESS TO BUILDING ELECTRICAL CLOSETS MUST BE COORDINATED WITH BUILDING OFFICE. ANY ELECTRICAL CONTRACTOR WORKING IN AN ELECTRIC CLOSET WITHOUT CONSENT OF THE BUILDING OFFICE WILL BE BARRED FROM WORKING IN THE BUILDING.

## SECURITY DEVICES LEGEND

SYMBOL	DESCRIPTION
CR	SECURITY SYSTEM CARD READER
MS	MOTION SENSOR
DR	DOOR RELEASE
ML	MAGNETIC LOCKSET
HO	DOOR HOLD OPEN
PB	PUSH BUTTON
CAMERA	CAMERA

## SECURITY NOTES:

1. FOR ALL SECURITY DEVICES PROVIDE 1" CONDUIT FROM DEVICE TO 6" WITHIN NEAREST HUNG CEILING SPACE.
2. PROVIDE PULL STRINGS WITHIN ALL EMPTY CONDUITS.
3. PROVIDE PROTECTIVE GROMMETS ON ENDS OF ALL OPEN CONDUITS.
4. COORDINATE EXACT QUANTITIES, SIZES, LOCATIONS, MOUNTING HEIGHTS AND EXACT REQUIREMENTS WITH SECURITY CONTRACTOR.

## CIRCUITRY, RACEWAYS, AND FEEDERS LEGEND

SYMBOL	DESCRIPTION
—	EXISTING FEEDER (CONDUIT & WIRE) TO REMAIN
—X—	EXISTING FEEDER (CONDUIT & WIRE) TO BE DISCONNECTED AND REMOVED.
—N—	NEW FEEDER/BRANCH CIRCUIT (CONDUIT & WIRE)
2	CONDUIT TURNING UP
—	CONDUIT TURNING DOWN
DC	48 VOLT DC WIRING
UP DN.	BUS DUCT-VERTICAL RUN

## TELEPHONE/DATA LEGEND

SYMBOL	DESCRIPTION
▽	WALL MOUNTED TEL/DATA COMMUNICATIONS OUTLET
▽	WALL MOUNTED DATA COMMUNICATIONS OUTLET
▽	WALL MOUNTED TELEPHONE OUTLET
▽	CEILING MOUNTED TEL/DATA COMMUNICATIONS OUTLET

## EXISTING ELECTRICAL EQUIPMENT LEGEND

SYMBOL	DESCRIPTION
□	SYMBOLS/EQUIPMENT SHOWN OUT OF FUNCTION (SOLID LINE WEIGHT) SHALL REMAIN OR BE MODIFIED AS NOTED.
ERN	EXISTING DEVICE/EQUIPMENT TO REMAIN.
ERR	EXISTING DEVICE SHALL BE DISCONNECTED, REMOVED AND REPLACED WITH NEW. SEE NEW LAYOUT DRAWING.
EN	EXISTING DEVICE TO REMOVE. MAINTAIN DURING CEILING REMOVAL. REMOUNT AS NECESSARY WHEN NEW CEILING HAS BEEN INSTALLED.
ER	EXISTING DEVICE TO REMOVE. DISCONNECT AND REMOVE EXISTING HOME RUN CIRCUITY AND RECYCLED DEVICE AS NOTED.
RX	NEW LOCATION OF RELOCATED EXISTING EQUIPMENT.
RR	REMOVE EXISTING WIRING AND REPLACE WITH NEW OF SAME SIZE, TYPE AND QUANTITY AS EXISTING IN SAME LOCATION. PROVIDE CIRCUITRY TO NEW TENANT PANEL AS INDICATED ON POWER PLAN.
XR	EXISTING EQUIPMENT SHALL BE DISCONNECTED, REMOVED AND RELOCATED AS SHOWN. CUT BACK AND/OR EXTEND EXISTING BRANCH CIRCUIT WIRING AND CONDUIT AS REQUIRED SO AS TO PROVIDE A COMPLETE OPERATIONAL INSTALLATION.
X	EXISTING EQUIPMENT SHALL BE DISCONNECTED AND REMOVED. CUT BACK AND MAKE SAFE ALL ASSOCIATED BRANCH CIRCUIT WIRING CONDUIT BACK TO POWER SOURCE AND LABEL BREAKER IN PANELBOARD AS SPARE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CIRCUITRY TO DEVICES UNAFFECTED BY DEMOLITION.
XS	RELOCATED EXISTING EQUIPMENT SHALL BE REMOVED, STORED, CLEANED, AND REINSTALLED IN EXISTING LOCATION.
EB	DISCONNECT AND REMOVE EXISTING DEVICE, MAKE CIRCUIT SAFE AND PROVIDE BLANK STAINLESS STEEL COVER PLATE ON OUTLET BOX.

## ELECTRICAL ABBREVIATIONS

A	AMPERES	FACP	FIRE ALARM CONTROL PANEL	MAX	MAXIMUM
AF	AMPERE FRAME	FBO	FUSED CUTOUT BOX	MCB	MAIN CIRCUIT BREAKER
AFF	ABOVE FINISH FLOOR	FCS	FIRE COMMAND STATION	MCH	MECHANICAL
AT	AMPERE TRIP	FIXT	Fixture	MFR	MECHANICAL EQUIPMENT ROOM
ATS	AUTOMATIC TRANSFER SWITCH	FL	FLOOR	MFS	MAIN FUSED SWITCH
AWG	AMERICAN WIRE GAUGE	FLEX	FLEXIBLE	MIN	MINIMUM
BLDG	BUILDING	FT	FEET OR FOOT	MLO	MAIN LUGS ONLY
C	CONDUIT	GA	GAUGE GROUND	MTD	MOUNTED
CAT	CATALOG	G, GRD	GROUND	N	NEUTRAL
CB	CIRCUIT BREAKER	GC	GENERAL CONTRACTOR	NC	NORMALLY CLOSED
CD	CANADA	GFI	GROUND FAULT INTERRUPTER	NIC	NORMALLY CONTRACT
CFSF	COMBINATION FIRE/SMOKE DAMPER	HP	HORSEPOWER	NO	NUMBER
CKT	CIRCUIT	HVAC	HEATING, VENTILATING AND AIR	NL	NIGHT LIGHT
CLG	CEILING	CONDIT.	CONDITIONING	NTS	NOT TO SCALE
CO	CONDUIT ONLY	DIVISION	DIVISION OF WORK	P	POLE
CL	CLOSET	HERTZ	HERTZ	PNL	PANEL
CU	COPPER	HZ		SW	SWITCH
DACS	DIGITAL ALARM COMMUNICATION SYSTEM	JB	JUNCTION BOX	SWBD	SWITCHBOARD
DACT	DIGITAL ALARM COMMUNICATION	KVA	KILOWOLT AMPERES	TEI	TELEPHONE
TERMINAL		KW	KILOWATTS	TYP	TYPICAL
DOG	DATA GATHERING PANEL	LEMCS	LOCAL EMERGENCY CONTROL SYSTEM	UON	UNLESS OTHERWISE NOTED
DISC	DISCONNECT	LP	PANEL DESIGNATION	UL	UNDERWRITERS LABORATORIES
DN	DRAWN	LTG	LIGHTING	VESDA	VERY EARLY SMOKE DETECTION APPARATUS
DWG				V	VOLTAGE
E	EXISTING DEVICE TO REMAIN			WP	WEATHERPROOF
ELEC	ELECTRICAL EQUIPMENT				

## WIRING DEVICES LEGEND

SYMBOL	DESCRIPTION
Φ	DUPLEX CONVENIENCE RECEPTACLE OUTLET -120V, 20A, NEMA 5-20R, HUBBELL S 5632 SERIES OR APPROVED EQUAL. DECORATOR STYLE WHITE COVER PLATE.
⊕	DOUBLE DUPLEX RECEPTACLE OUTLET -120V, 20A, NEMA 5-20R (QUAD) HUBBELL S 5632 SERIES OR APPROVED EQUAL. DECORATOR STYLE WHITE COVER PLATE.
⊖	DUPLEX RECEPTACLE, CEILING MOUNTED HUBBELL S 5622 SERIES OR APPROVED EQUAL.
□	DEDICATED DUPLEX RECEPTACLE OUTLET -120V, 20A, NEMAS-20R HUBBELL S 5622 SERIES OR APPROVED EQUAL. DECORATOR STYLE WHITE COVER PLATE.
GFI	GFI DUPLEX RECEPTACLE - 120V, 20A, NEMA 5-20R HUBBELL GFR5622 SERIES OR APPROVED EQUAL. DECORATOR STYLE WHITE COVER PLATE.
⊕	SPECIAL PURPOSE RECEPTACLE - REFER TO POWER DRAWING FOR ADDITIONAL INFORMATION.
⊖	AV OUTLET - DOUBLE GANG BOX WITH 3/4" E.C. TO 6" WITHIN NEAREST HUNG CEILING SPACE.
⊖	WALL MOUNTED CONDUIT BOX TO SERVE FURNITURE POWER AND DATA (1 1/4" E.C.). THE G.C. SHALL INDICATE THE NUMBER ADJACENT TO THE BOXES INDICATES THE NUMBER OF WORKSTATIONS SERVED THROUGH THE CONNECTION.
□	FLUSH FLOOR MOUNTED FIRE RATED POKE-THRU DEVICE TO SERVE FURNITURE POWER AND TELE/DATA. HUBBELL ONE SI SERIES OR APPROVED EQUAL. PROVIDED ONE (1) 1 1/4" EMT CONDUIT FOR TE/DATA TO 6" COORDINATE EXACT LOCATION WITHIN NEAREST HUNG CEILING SPACE. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT. ALL



4	ISSUE FOR PERMIT/BID	05/26/15
3	90% CONSTRUCTION DOCUMENTS	05/14/15
2	RELOCATE MECHANICAL EQUIPMENT, DISCONNECT AND REMOVE BRANCH CIRCUIT AND CONDUIT BACK TO SOURCE PANEL. SEE NEW WORK FOR NEW CIRCUITING.	05/01/15
1	DESIGN DEVELOPMENT DOCUMENTS	03/06/15

Job Number 05PAW.150048

Drawn TVO

Checked JDS

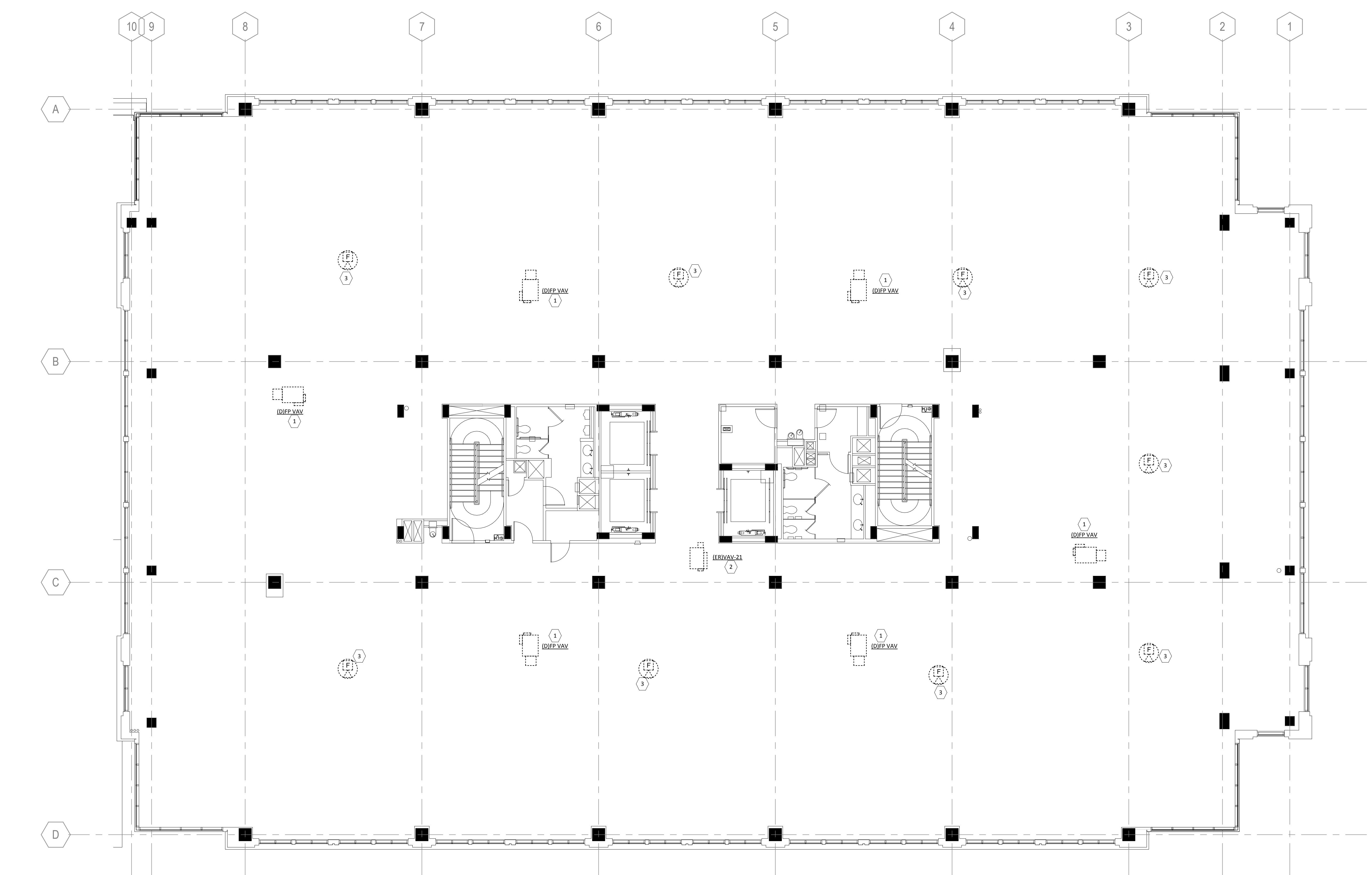
Approved RED

TITLE

ELECTRICAL - 2ND  
FLOOR DEMOLITION  
PLAN

SHEET NUMBER

**E-301**



## 1 ELECTRICAL - 2ND FLOOR DEMOLITION PLAN

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

### ELECTRICAL DEMO NOTES

1. THE ELECTRICAL CONTRACTOR SHALL FIELD EXAMINE THE ENTIRE AREA AFFECTED BY THIS CONSTRUCTION AND SHALL REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND OTHER DEVICES COMPLETE WITH ALL ASSOCIATED WIRING, CONDUITS, ETC. AS REQUIRED TO COMPLETE THE NEW WORK. ALL CONDUITS WITH NON-ACTIVE WIRING SHALL BE REMOVED. AS PER DEMOLITION PLAN PROVIDE ALL DEMOLITION LABOR AS REQUIRED BY ARCHITECT'S DEMOLITION NOTE AND AS INSTRUCTED IN FIELD BY G.C., WHERE THE REMOVAL OF THESE ITEMS MAKE DEAD ELECTRICAL WIRING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL JUMPS, BUSES AND OTHER DEVICES AND PROVIDE BYPASS CONNECTIONS AS REQUIRED TO MAKE THE CIRCUITS AFFECTED CONTINUOUS AND READY FOR OPERATION. OTHERWISE, OBSOLETE WIRING SHALL BE REMOVED BACK TO THE REMAINING DEVICE OR TO THE PANELBOARD.
2. THE CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL WORK WHICH INTERFERES WITH THE NEW ARCHITECTURAL AND ELECTRICAL LAYOUTS AND SCHEMES IN FULL COORDINATION WITH THE ARCHITECT'S DEMOLITION PLAN. ALL WORK THAT IS NO LONGER REQUIRED TO FUNCTION SHALL BE DE-ENERGIZED, DISCONNECTED AND REMOVED.
3. MAINTAIN CONTINUOUS SERVICE ON REMAINING FEEDERS, CIRCUITS OR PARTIAL CIRCUITS AND OUTLETS SERVING ADJACENT REMAINING ACTIVE AREAS, EXCEPT WHERE GIVEN WRITTEN PERMISSION FOR OUTAGE FOR SPECIFIED TIME. ALL WORK REQUIRING SHUTDOWN OF EXISTING SYSTEMS SHALL BE PERFORMED ON OVERTIME (PREMIUM HOURS) AT HOURS AS APPROVED BY OWNER, ARCHITECT OR GENERAL CONTRACTOR AND AT NO ADDITIONAL COST TO THE OWNER. SUBMIT SCHEDULE OF REQUIRED OUTAGES FOR APPROVAL. PERFORM WORK IN A MANNER TO MINIMIZE SHUTDOWN TIME.
4. CUT BACK TO FLOOR, WALL, OR CEILING PLUG ENDS OF CONCEALED CONDUITS MADE OBSOLETE BY ALTERATIONS TO PERMIT REFRESHING SURFACES. REMOVE EXPOSED CONDUITS, WIREWAYS, OUTLET BOXES, HANGERS, SUPPORTS AND DEVICES MADE OBSOLETE BY THIS WORK UNLESS DESIGNATED SPECIFICALLY TO REMAIN. ELIMINATE VOID SPACES. ALL ELECTRICAL WORK IN ADJOINING AREAS WHICH IS REQUIRED TO FUNCTION BUT IS AFFECTED BY DEMOLITION SHALL BE RECONNECTED AND RESTORED TO ITS PRESENT FUNCTION.
5. PROVIDE RECONNECTIONS AND TEMPORARY INSTALLATION AS REQUIRED; REMOVE AT JOB COMPLETION.
6. CONTRACTOR SHALL TRACE EXISTING CIRCUITS AND IDENTIFY LOCATION AND TYPE OF LOAD SERVED. AS-BUILT RECORDS SHALL BE SUBMITTED TO ENGINEER PRIOR TO START OF DEMOLITION.
7. PROVIDE TEMPORARY CONSTRUCTION LIGHTING AND POWER AS REQUIRED BY THE CONTRACTORS OF ALL DISCIPLINES OF THIS CONTRACT.
8. EXISTING CONDUITS WHEN REUSED, SHALL BE THOROUGHLY CLEANED AND REFURBISHED BEFORE REUSING.
9. PROVIDE BLANK PLATES ON ALL UNUSED OUTLET BOXES.
10. CONTRACTOR SHALL REMOVE ALL EXISTING ACCESSIBLE FIRE ALARM, TELEPHONE AND DATA CABLES THAT ARE ABANDONED AND NOT BEING REUSED AS PART OF THIS PROJECT.
11. ALL FIRE ALARM, TELEPHONE AND DATA CABLES BEING DESIGNATED FOR FUTURE USE SHALL BE TAGGED AND LABELED AS SUCH AT BOTH ENDS.

KEYED NOTES		
1	REMOVE MECHANICAL EQUIPMENT, CIRCUIT AND CONDUIT BACK TO SOURCE PANEL. COORDINATE WITH MECHANICAL DRAWING FOR ADDITIONAL INFORMATION.	
2	RELOCATE MECHANICAL EQUIPMENT, DISCONNECT AND REMOVE BRANCH CIRCUIT AND CONDUIT BACK TO SOURCE PANEL. SEE NEW WORK FOR NEW CIRCUITING.	
3	REMOVE COMBINATION FIRE ALARM AV DEVICES. SEE NEW WORK FOR NEW FIRE ALARM DEVICES LAYOUT.	

## 1 ELECTRICAL - 2ND FLOOR LIGHTING PLAN

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

GENERAL NOTES	
1.	FOR GENERAL ELECTRICAL NOTES REFER TO SHEET E-001.
2.	REFER TO LIGHTING FIXTURE SCHEDULE ON DWG. E-501 AND E-502. FOR ADDITIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
3.	FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES AND SWITCHES SEE ARCHITECTURAL DRAWINGS.
4.	CIRCUITS ARE DESIGNATED BY THE NUMBER SHOWN ADJACENT TO EACH LIGHTING FIXTURE. WIRING IS SHOWN ONLY UNDER SPECIAL CIRCUMSTANCES. PROVIDE ALL CONDUIT, WIRE, BOXES, CEILING OUTLETS AND WHIPS REQUIRED TO ENERGIZE LIGHTING FIXTURES AS SHOWN. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ALL REQUIRED WIRING BETWEEN THE LIGHT SWITCHES / OCCUPANCY SENSORS TO THE LIGHTING FIXTURES.
5.	CIRCUIT NUMBERS ARE FOR GROUPING PURPOSES AND REFERENCE ONLY, FIELD CONDITIONS PREVAIL.
6.	ALL BRANCH CIRCUIT WIRING SHALL BE ROUTED CONCEALED IN WALLS AND IN HUNG CEILING CAVITY. U.O.N. FINAL CONNECTIONS TO LIGHTING FIXTURES SHALL BE MADE WITH WIRING HAVING 90°C RATED INSULATION.
7.	ALL EMERGENCY LIGHTING FIXTURES USED AS 'NIGHT LIGHTS' AND EXIT LIGHTS SHALL BE UNSWITCHED.
8.	WHERE EMERGENCY LIGHTING IS PROVIDED VIA INTEGRAL EMERGENCY PACKS AND ARE SWITCHED, FURNISH AN UNSWITCHED HOT LEG TO THE EMERGENCY PACK.
9.	ALL LIGHTING FIXTURES WHICH ARE CONTROLLED BY A DIMMER SWITCH SHALL BE WIRED TO A CIRCUIT HAVING DEDICATE NEUTRAL WIRE.
10.	CONTRACTOR SHALL BE RESPONSIBLE FOR THE WIRING OF THE OCCUPANCY SENSOR MANUFACTURER'S FIELD TECHNICAL REPRESENTATIVE TO VISIT THE SITE AND SUPERVISE FINAL SENSOR ADJUSTMENTS AS REQUIRED.
11.	CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL CEILING MOUNTED OCCUPANCY SENSORS WITH ALL OTHER CEILING APPURTENANCES SUCH AS HVAC DIFFUSERS, SPRINKLER HEADS, ETC. LOCATE SENSORS MINIMUM 6 FEET FROM HVAC DIFFUSER.

KEYED NOTES	
1	TO ELEVATOR LOBBY LIGHTING.
1	CONNECT NEW EMERGENCY/EXIT LIGHTING TO EXISTING 277V EMERGENCY LIGHTING CIRCUIT PREVIOUSLY SERVING THIS FLOOR. ENSURE CIRCUIT DOES NOT EXCEED 4400W.
2	MOTION SENSOR. REFER TO DIMMING RISER DIAGRAM FOR ADDITIONAL INFORMATION.
3	ROOM TO BE PROVIDED WITH DIMMING SYSTEM. REFER TO DIMMING RISER DIAGRAM FOR ADDITIONAL INFORMATION. NUMBER ADJACENT TO FIXTURE INDICATES ZONE NUMBER. IN ADDITION TO NORMAL POWER, PROVIDE DIMMING CIRCUIT (PER NOTE 1, THIS SHEET) TO TRANSFER EQUIPMENT TO BE PROVIDED WITH DIMMING SYSTEM FOR ZONES INDICATED. REFER TO RISER DIAGRAM FOR EXACT ZONE.
4	DIMMING SYSTEM MASTER CONTROLLER. REFER TO DIMMING RISER DIAGRAM FOR ADDITIONAL INFORMATION.
5	DAYLIGHT SENSOR. REFER TO DIMMING RISER DIAGRAM FOR ADDITIONAL INFORMATION.
6	7 PROVIDE NEMA 5-20R RECEPTACLE TO SERVE UNDER CABINET LIGHTING. COORDINATE EXACT LOCATION WITH ARCHITECT. EXTEND LOCAL 20A, 120V CIRCUIT SERVING GENERAL RECEPTACLES IN THE SPACE TO SERVE THIS DEVICE.

4	ISSUE FOR PERMIT/BID	05/26/15
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2	75% CONSTRUCTION DOCUMENTS	05/01/15
1	DESIGN DEVELOPMENT	03/01/15
	DATE	

Job Number 05PAW.150048  
Drawn TVO

Checked JDS

Approved RED

TITLE

ELECTRICAL - 2ND  
FLOOR LIGHTING PLAN

SHEET NUMBER

E-401





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PROFESSIONAL CERTIFICATION: I HEREBY  
CERTIFY THAT THESE DOCUMENTS WERE  
PREPARED OR APPROVED BY ME AND THAT I  
AM A DULY LICENSED PROFESSIONAL  
ENGINEER UNDER THE LAWS OF THE STATE OF  
MARYLAND, LICENSE NO. 25369, EXPIRATION  
DATE 07-19-2015.

PROJECT



FOULGER-PRATT  
HEADQUARTERS  
12435 PARK POTOMAC AVE.,  
POTOMAC, MD

KEYPLAN

**1 ELECTRICAL - 2ND FLOOR MECHANICALPOWER PLAN**

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

GENERAL NOTES	
1.	FOR GENERAL ELECTRICAL NOTES REFER TO SHEET E-001.
3.	CIRCUITS ARE DESIGNATED BY THE NUMBER SHOWN ADJACENT TO EACH RECEPTACLE. WIRING IS SHOWN ONLY UNDER SPECIAL CIRCUMSTANCES. PROVIDE CONDUITS, WIRES, AND BOXES REQUIRED TO ENERGIZE THE EQUIPMENT AS SHOWN.
4.	CIRCUIT NUMBERS ARE FOR GROUPING PURPOSES AND FOR REFERENCE ONLY. FIELD CONDITIONS PREVAIL.
5.	ALL BRANCH WIRING SHALL BE ROUTED CONCEALED IN WALLS AND HUNG CEILING CAVITIES, U.O.N.
6.	3/4" SHALL BE THE MINIMUM CONDUIT INSTALLED.
7.	FOR POWER RISER SEE DWG. E-601.
8.	Maintain continuity of existing branch circuiting for existing receptacles to remain. Reconnect to existing respective panels as required.
9.	FOR ADDITIONAL POWER NOTES SEE MECHANICAL AND PLUMBING DRAWINGS.

KEYED NOTES	
1	VAV BOX: SEE MECHANICAL EQUIPMENT SCHEDULE ON SHEET E-503. PROVIDE 60A, 3P-SOLID NEUTRAL, 600V F.S.S. FUSED AS REQUIRED BY UNIT MANUFACTURER. COORDINATE EXACT LOCATION WITH MECHANICAL DRAWINGS.
2	VAV BOX: SEE MECHANICAL EQUIPMENT SCHEDULE ON SHEET E-503. PROVIDE 60A, 2P-SOLID NEUTRAL, 600V F.S.S. FUSED AS REQUIRED BY UNIT MANUFACTURER. COORDINATE EXACT LOCATION WITH MECHANICAL DRAWINGS.
3	VAV BOX: SEE MECHANICAL EQUIPMENT SCHEDULE ON SHEET E-503. PROVIDE 30A, 2P-SOLID NEUTRAL, 600V F.S.S. FUSED AS REQUIRED BY UNIT MANUFACTURER. COORDINATE EXACT LOCATION WITH MECHANICAL DRAWINGS.
4	VAV BOX: SEE MECHANICAL EQUIPMENT SCHEDULE ON SHEET E-503. PROVIDE 30A, 2P-SOLID NEUTRAL, 600V F.S.S. FUSED AS REQUIRED BY UNIT MANUFACTURER. COORDINATE EXACT LOCATION WITH MECHANICAL DRAWINGS.
5	EF-1-1/4 HP, 120V, 1P, WITH INTEGRAL DISCONNECT SWITCH. COORDINATE WITH MECHANICAL DRAWING FOR ADDITIONAL INFORMATION.
6	WATER HEATER: 3KW, 277V, SINGLE PHASE. PROVIDE 20A, 277V, 1P TOGGLE DISCONNECT SWITCH. COORDINATE WITH PLUMBING DRAWING FOR ADDITIONAL INFORMATION.

ISSUE CHART

4	ISSUE FOR PERMIT/BID	05/26/15
3	90% CONSTRUCTION DOCUMENTS	05/14/15
2	75% CONSTRUCTION DOCUMENTS	05/01/15
1	DESIGN DEVELOPMENT	03/06/15

Job Number 05PAW.150048  
Drawn TVO  
Checked JDS  
Approved RED

TITLE

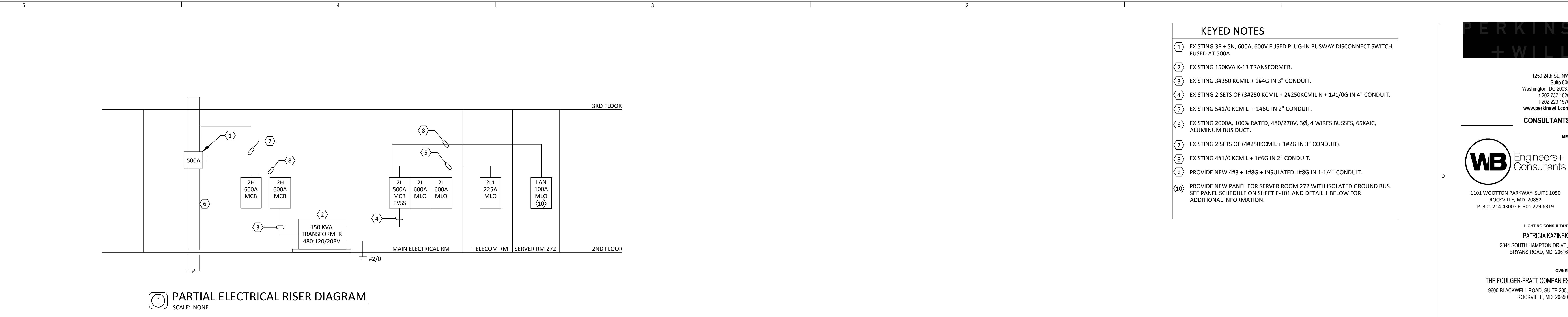
ELECTRICAL - 2ND  
FLOOR MECHANICAL  
POWER PLAN

SHEET NUMBER

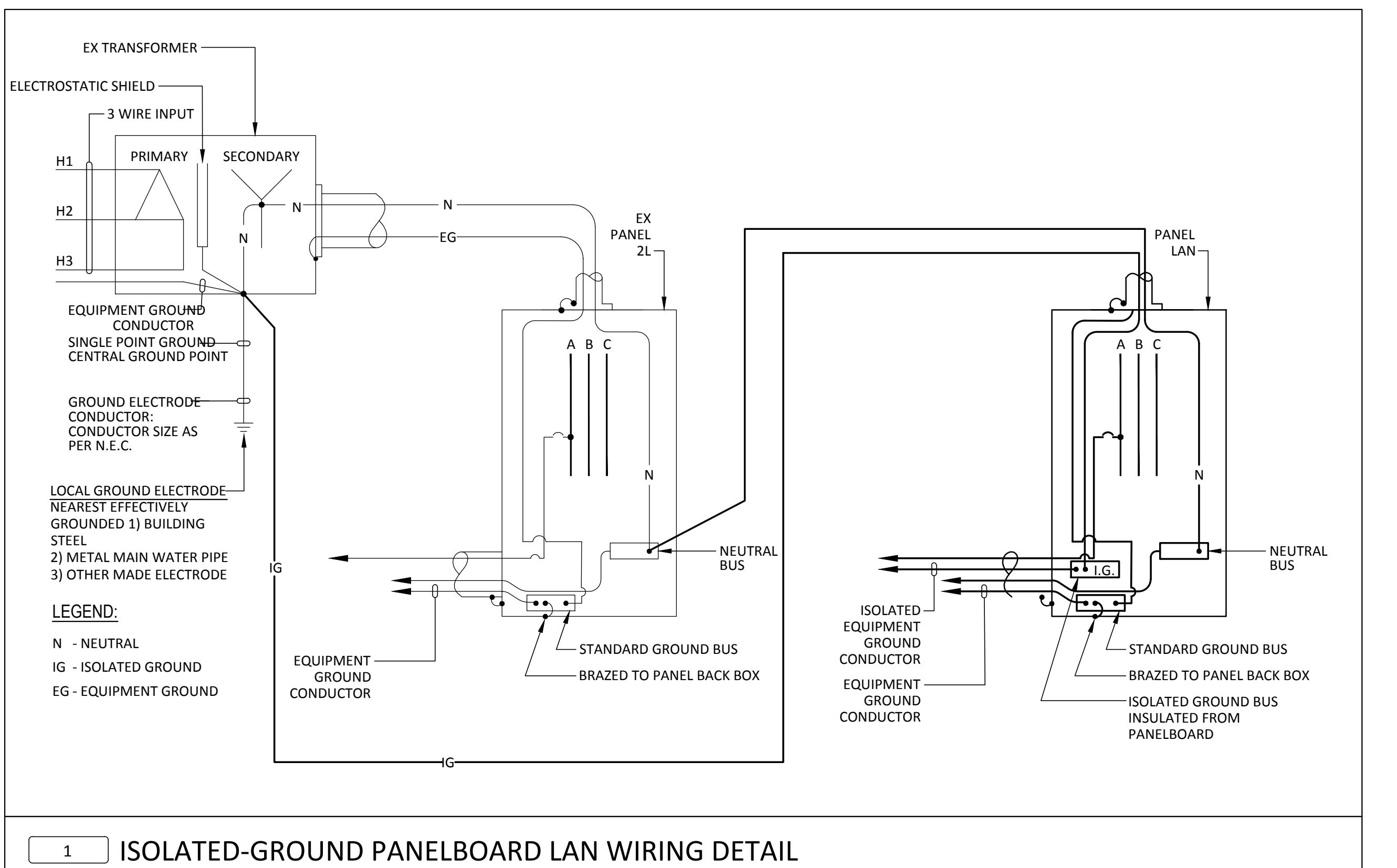
**E-403**







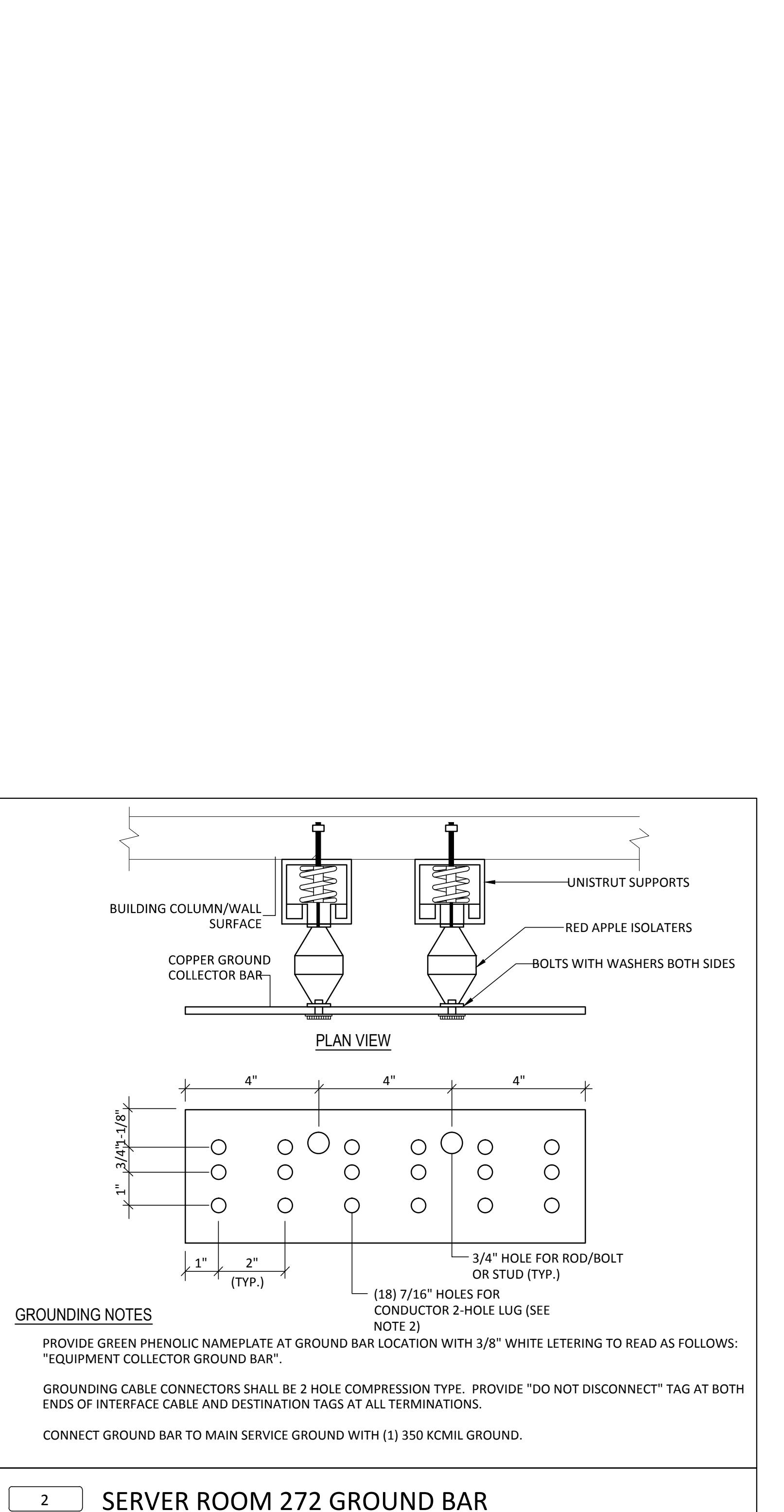
(1) PARTIAL ELECTRICAL RISER DIAGRAM  
SCALE: NONE



(1) ISOLATED-GROUND PANELBOARD LAN WIRING DETAIL

ELECTRICAL VAV BOX SCHEDULE					
TAG	SECONDARY FAN	HEATING COIL	ELECTRICAL		
	MOTOR POWER (HP)	CAPACITY (KWH)	VOLTAGE	HZ	PHASE
VAV-1	1/3	4	460	60	3
VAV-2	1/2	8.5	460	60	3
VAV-3	1/3	3.5	460	60	3
VAV-4	1/3	4	460	60	3
VAV-5	1/3	3.5	460	60	3
VAV-6	1/3	4	460	60	3
VAV-7	1/3	2.5	277	60	1
VAV-8	1/3	1.5	277	60	1
VAV-9	1/3	2	277	60	1
VAV-10	1/3	1	277	60	1
VAV-11	1/3	1.5	277	60	1
VAV-12	1/3	5	460	60	3
VAV-13	1/3	3	277	60	1
VAV-14	1/3	1.5	277	60	1
VAV-15	1/3	1.5	277	60	1
VAV-16	1/3	1.5	277	60	1
VAV-17A	1/2	8.5	460	60	3
VAV-17B	1/2	8.5	460	60	3
VAV-18	1/3	3.5	460	60	3
VAV-19	1/3	1	277	60	1
VAV-21	1/3	6.5	460	60	3
VAV-22	1/3	1.5	277	60	1
VAV-23	1/3	3.5	460	60	3
VAV-25	1/3	2.5	277	60	1
VAV-26	1/3	3.5	460	60	3
VAV-27	1/2	10	460	60	3
VAV-28	1/3	6	460	60	3
VAV-29	1/3	2	277	60	1
VAV-30	1/3	3.5	460	60	3
VAV-31	1/3	6.5	460	60	3
VAV-32	1/3	1.5	277	60	1
VAV-33	1/3	1	277	60	1
VAV-34	1/3	2	277	60	1

(2) MECHANICAL VAV BOX SCHEDULE  
SCALE: NONE



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PROJECT  
**Foulger-Pratt**

Foulger-Pratt  
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POTOMAC, MD

KEYPLAN

ISSUE CHART

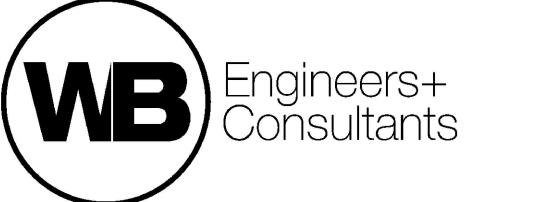
4	ISSUE FOR PERMIT/BID	05/29/15
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1	DESIGN DEVELOPMENT	02/26/15
	ISSUE DATE	
Job Number	05PAW.150048	
Drawn	TVO	
Checked	JDS	
Approved	RED	

ELECTRICAL -  
PARTIAL RISER  
DIAGRAM AND DETAIL

SHEET NUMBER

**E-601**

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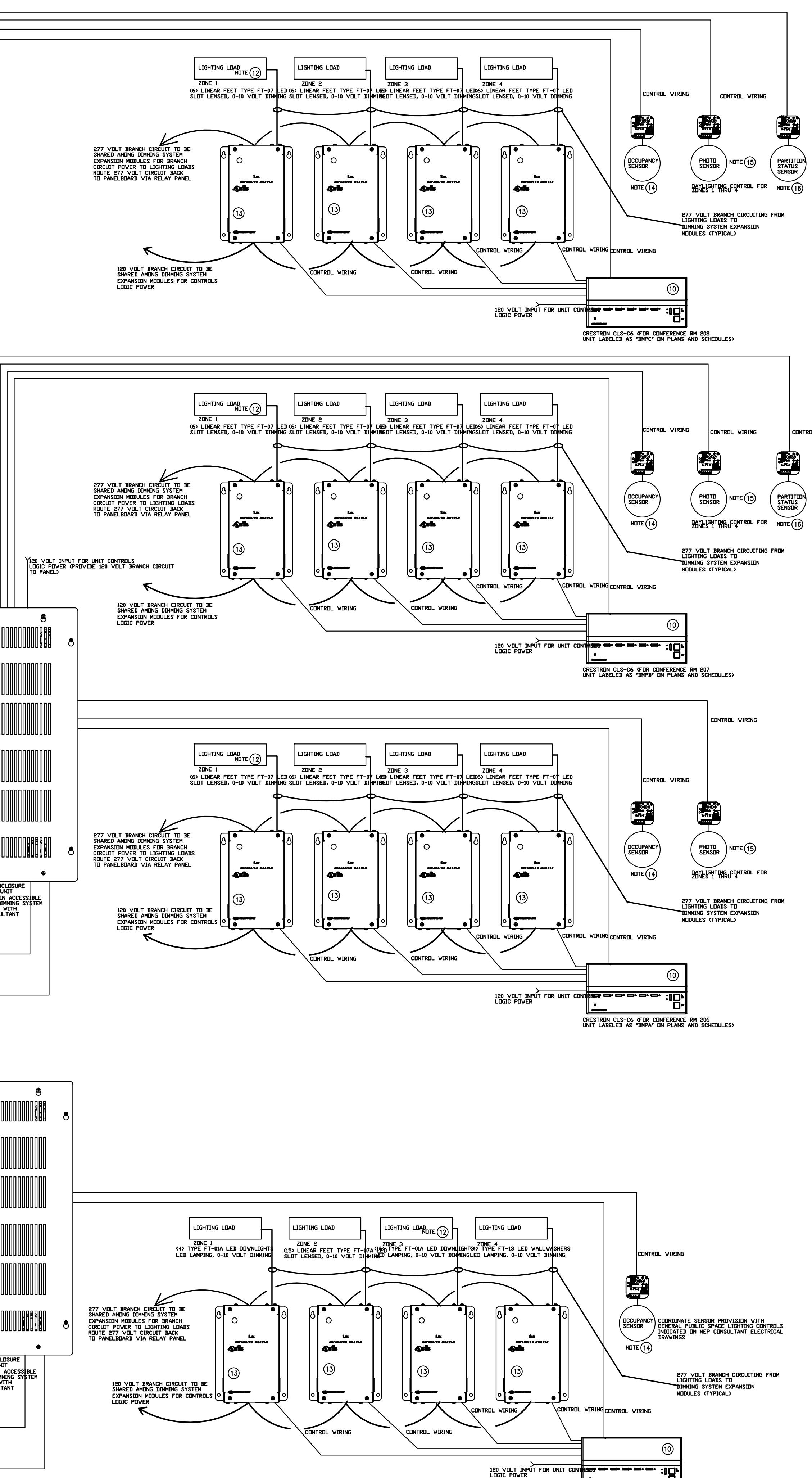


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DATE 07-19-2013.

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POTOMAC, MD



**① DIMMING SYSTEM FOR RECEPTION #201, CONFERENCE #206, 207, AND 208 ①②③④⑤**  
FOR REFERENCE ONLY, COORDINATE WITH LIGHTING DESIGNER FOR ADDITIONAL INFORMATION

SCALE: NONE

4	ISSUE FOR PERMIT/BID	05/29/15
3	90% CONSTRUCTION DOCUMENTS	05/14/15
2	75% CONSTRUCTION DOCUMENTS	05/07/15
1	DESIGN DEVELOPMENT	05/02/15
MARK	ISSUE DATE	
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Approved	RED	



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DATE 07-19-2015.



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KEYPLAN

ISSUE CHART

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Job Number 05PAW.150048

Drawn TVO

Checked JDS

Approved RED

FIRE ALARM -  
SYMBOLS, AND  
NOTES.

SHEET NUMBER

FA-001

## FIRE ALARM SYSTEM NOTES

- ALL NEW DEVICES/WIRING SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM CONTROL PANEL. PROVIDE ALL NECESSARY WIRING AND ACCESSORIES AS REQUIRED FOR A COMPLETE OPERATING SYSTEM.
- ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS AND OBTAIN POINT TO POINT WIRING PROGRAM prior to installation. THE FIRE ALARM INSTALLATION SHALL COMPLY WITH LOCAL BUILDING CODE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION AND THE AMERICANS WITH DISABILITIES ACT (ADA).
- ALL DEVICES SHALL BE ADDRESSABLE TO MATCH EXISTING SYSTEM. ANY CONFLICTS OF SYSTEM TYPE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- CONTACT EXISTING FIRE ALARM SYSTEM MAINTENANCE CONTRACTOR FOR COORDINATION OF COMPATIBLE SYSTEM EQUIPMENT.
- WHEN REQUIRED, THE CONTRACTOR SHALL RETAIN A LICENSED PROFESSIONAL ENGINEER TO SIGN AND SEAL THE DOCUMENTS. ENGINEER'S NAME SHALL BE SUBMITTED TO THE DESIGN ARCHITECT AND ENGINEER FOR APPROVAL.
- ALL QUALIFICATIONS AND/OR EXCEPTIONS SHOULD BE CLEARLY IDENTIFIED IN THE BID SUBMISSION.
- FIRE ALARM WIRING DIAGRAMS SHOWN ARE FOR GENERAL ARRANGEMENT ONLY. THE ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS AND SUBMIT A POINT-BY-POINT WIRING DIAGRAM PRIOR TO INSTALLATION.
- THE FIRE ALARM INSTALLATION SHALL COMPLY WITH LOCAL BUILDING CODE, REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION AND THE AMERICANS WITH DISABILITIES ACT (ADA).
- UNLESS OTHERWISE DIRECTED AND PRIOR TO THE COMMENCEMENT OF WORK, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FILING PLANS AND NECESSARY DOCUMENTS WITH ALL LOCAL AUTHORITIES HAVING JURISDICTION, SUCH AS THE LOCAL FIRE AND BUILDING DEPARTMENT OR THE STATE FIRE MARSHAL'S OFFICE.
- WHERE REQUIRED, THE ELECTRICAL CONTRACTOR SHALL FILE AN "APPLICATION FOR ELECTRICAL INSPECTION" WITH THE LOCAL AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL THEN ACCOMPANY THE INSPECTOR DURING HIS INSPECTION OF THE SYSTEM, MAKE ALL MODIFICATIONS REQUIRED BY THE INSPECTOR RESULTING FROM ISSUANCE OF ANY "NOTICE OF DEFECTS" AND FILE A SELF CERTIFICATION AFFIDAVIT. THE ELECTRICAL CONTRACTOR SHALL PAY ALL FEES RELATING TO THE INSPECTION.
- PERMITS AND APPROVALS NECESSARY FOR INSTALLATION OF THE WORK SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF THE WORK. ALL PERMIT COSTS AND INSPECTION FEES SHALL BE INCLUDED AS PART OF THE CONTRACT.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND PROTECT FIRE ALARM SPEAKERS, SMOKE DETECTORS, FIRE WARDEN STATIONS, AND ALL OTHER FIRE ALARM SAFETY DEVICES IN OPERATION AT ALL TIMES. IF ANY PORTION OF THE FIRE ALARM SYSTEM IS DISABLED, NOTIFY BUILDING MANAGER/OWNER IMMEDIATELY.
- ALL REQUIRED TEMPORARY SHUTDOWNS OF THE EXISTING POWER AND FIRE ALARM SYSTEMS SHALL BE DONE AFTER REGULAR WORKING HOURS ON A PREMIUM TIME BASIS AND ONLY WHEN AND AS COORDINATED WITH THE BUILDING MANAGEMENT. ADDITIONAL COST OF REQUIRED PREMIUM TIME LABOR SHALL BE INCLUDED IN THE BID PROPOSAL.
- IN AREAS WHERE DUST AND DIRT WILL BE AIRBORNE DURING DEMOLITION AND CONSTRUCTION, THE ELECTRICAL CONTRACTOR SHALL PROVIDE A PLASTIC COVER OVER SMOKE DETECTORS AND THEN REMOVE ONCE THE SPACE IS CLEAN. IF A FIRE ALARM DEVICE IS LOCATED ON A WALL OR CEILING TO BE REMOVED, THE DEVICE SHALL BE REMOVED UPON INSTALLATION OF NEW DEVICES. UNLESS DIRECTED OTHERWISE BY FIRE ALARM MAINTENANCE CONTRACTOR.
- FIRE ALARM DEVICE WIRING SHALL BE AS FOLLOWS: (FOR BIDDING PURPOSES ONLY):  
SPEAKER WIRING - #14 AWG TWISTED TEFON CABLE, INSULATED PLENUM RATED  
STROBE WIRING - #14 AWG TWISTED TEFON CABLE, INSULATED PLENUM RATED  
STROBE WIRING - 1/2" MC (FIRE ALARM) CABLE, RATED FOR 600 VOLTS  
DATA LOOP (SIGNAL) WIRING - #14 AWG TWISTED/SHEILED TEFON CABLE, INSULATED PLENUM RATED  
CONFIRM WIRING SIZE, TYPE AND QUANTITY WITH FIRE ALARM VENDOR PRIOR TO PURCHASING. ALL FIRE ALARM WIRING SHALL NOT BE SPLICED.
- ALL FIRE ALARM CABLING SUSCEPTIBLE TO DAMAGE DUE TO EXPOSURE TO MECHANICAL EQUIPMENT OR VERTICAL RUNS IN PARTITION WALLS SHALL BE IN RIGID STEEL CONDUIT.
- ALL FIRE ALARM CABLING SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:  
A MINIMUM TEMPERATURE RATING OF 200 DEG. C.  
A MINIMUM AVERAGE INSULATION THICKNESS OF 15 MILS.  
A MAXIMUM ALLOWABLE INSULATION LOSS OF 25 MILS.  
THE COLOR OF THE CABLE SHALL BE RED.  
THE CABLE SHALL BE TYPE PFP (PLENUM TYPE)  
THE CABLE SHALL BE VISIBLE MARKED EXTERNALLY THAT IT MEETS THE ABOVE REQUIREMENTS AND IS LISTED BY UL 1424 AND UL 910.
- SPEAKERS SHALL BE TADED TO PROVIDE 15dB ABOVE THE AMBIENT NOISE LEVEL. UNLESS OTHERWISE NOTED, SPEAKERS SHALL BE TADED AT 1/2 WATT IN OFFICE AREAS AND 1 WATT MINIMUM IN MECHANICAL SPACES. THE ELECTRICAL CONTRACTOR SHALL PERFORM ALL SOUND LEVEL TESTING AFTER THE INSTALLATION IS COMPLETE AND SHALL ADJUST TAP SETTINGS AS REQUIRED TO OBTAIN THE REQUIRED SOUND LEVELS.
- STROBES SHALL HAVE A LIGHT OUTPUT OF 15/30/75/15 CANDELA (AS NOTED ON DWGS.), AND A FLASH RATE OF 1-3 Hz. ALL STROBES SHALL BE SYNCHRONIZED.
- PROVIDE A MINIMUM OF TWO (2) CIRCUITS FOR FIRE ALARM SPEAKERS, AND TWO (2) CIRCUITS FOR STROBES PER FLOOR. PROVIDE ADDITIONAL SPEAKER/STROBE CIRCUITS AS NECESSARY TO CONFORM TO THIS REQUIREMENT.
- WALL MOUNTED SPEAKER/STROBE DEVICES SHALL NOT HAVE ANY OTHER DEVICE OR APPURTENANCE WITHIN 5 FEET OF THE DEVICE. EACH DEVICE SHALL BE MOUNTED AT A MINIMUM OF 80" ABOVE FINISHED FLOOR OR 6" BELOW THE CEILING LINE, WHICHEVER IS LOWER.
- ALL CONCEALED FIRE ALARM CABLING SHALL BE PLENUM RATED AND SHALL NOT BE REQUIRED TO BE INSTALLED IN CONDUIT, UNLESS OTHERWISE NOTED OR SHOWN ON THE DRAWINGS.
- CONNECT MAGNETIC DOOR HOLD OPEN DEVICES TO RELEASE UPON FIRE ALARM SYSTEM ACTUATION. PROVIDE CONTACTS AND RELAYS AS NECESSARY.
- AFTER SYSTEM INSTALLATION OR MODIFICATION IS COMPLETE, THE ELECTRICAL CONTRACTOR SHALL SCHEDULE, COORDINATE AND TEST ALL SYSTEM COMPONENTS AND FUNCTIONS TO ENSURE THAT NEW EQUIPMENT PROPERLY OPERATES PRIOR TO FIRE DEPARTMENT INSPECTION.
- UNLESS DIRECTED OTHERWISE BY THE ENGINEER/OWNER AND/OR THE BUILDING FIRE ALARM SYSTEM MAINTENANCE CONTRACTOR, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND PROTECT ALL EXISTING FIRE ALARM SYSTEM DEVICES FOR THE DURATION OF THE CONSTRUCTION PERIOD. HE SHALL NOT REMOVE ANY EXISTING BASE BUILDING FIRE ALARM DEVICES, WIRING OR EQUIPMENT UNTIL THE NEW SYSTEM IS COMPLETELY OPERATIONAL. EXISTING BASE BUILDING FIRE ALARM EQUIPMENT MUST REMAIN IN SERVICE AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION. IF ANY PORTION OF THE EXISTING FIRE ALARM SYSTEM IS DISABLED DURING THE CONSTRUCTION PERIOD, NOTIFY THE BUILDING MANAGER/OWNER AND GENERAL CONTRACTOR IMMEDIATELY.
- ROOFTOP HVAC UNIT DUCT SMOKE DETECTORS (PROVIDED AS PART OF EACH UNIT) SHALL BE WIRED INTO THE FIRE ALARM SYSTEM. THE CONTRACTOR SHALL PROVIDE A REMOTE TEST/RESET STATION DIRECTLY UNDER THE UNIT IN THE CEILING(S) IT COVERS. UPON ACTIVATION OF THE DUCT SMOKE DETECTOR, INITIATE A SUPERVISORY/TROUBLE CONDITION AT THE FIRE ALARM CONTROL PANEL (AND REMOTE ANNUNCIATOR(S)) AND SHUT DOWN THE ASSOCIATED HVAC UNIT. DUCT SMOKE SHALL ALSO BE CAPABLE OF BEING RESET AT THE FIRE COMMAND CENTER/CONTROL PANEL.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE WITH THE BUILDING FIRE ALARM SYSTEM MAINTENANCE CONTRACTOR FOR THE TYPE OF FIRE ALARM DEVICES TO BE PROVIDED. ALL NEW DEVICES INSTALLED SHALL BE COMPATIBLE AND CONSISTENT WITH THE EXISTING BUILDING FIRE ALARM SYSTEM INSTALLATION. THE ELECTRICAL CONTRACTOR SHALL NOT ORDER ANY NEW DEVICES WITHOUT SHOP APPROVAL FROM THE ENGINEER.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO RETAIN AND COORDINATE WITH THE BUILDING FIRE ALARM MAINTENANCE CONTRACTOR FOR ANY REQUIRED PROGRAMMING AND FINAL CONNECTIONS TO THE BUILDING FIRE ALARM SYSTEM. THE ELECTRICAL CONTRACTOR SHALL INCLUDE COORDINATION, PROGRAMMING AND FINAL CONNECTION COSTS IN THEIR BID. FIRE ALARM SYSTEM TESTING SHALL CONSIST OF PROCEDURE NOTED ABOVE.
- PROVIDE UPGRADE OF EXISTING SYSTEM POWER SUPPLIES AND AMPLIFIERS AS NECESSARY TO SUPPORT MODIFICATIONS AS SHOWN/NOTED ON THESE DRAWINGS. SUBMIT BATTERY CALCULATIONS SHOWING REQUIRED UPGRADES, IF ANY, AS PART OF THE SHOP DRAWING SUBMITTAL PACKAGE.
- REFER TO MECHANICAL EQUIPMENT SEQUENCE OF OPERATIONS FOR INTEGRATION OF FIRE ALARM SYSTEM DEVICES WITH SYSTEM FUNCTIONALITY.
- THIS PARTIAL FIRE ALARM RISER ILLUSTRATES GENERAL NEW WORK SCOPE FOR THIS CONTRACTOR. EXISTING FIRE ALARM SYSTEM DEVICES MAY NOT BE SHOWN. THOSE TO REMAIN SHALL BE PROTECTED AS ALREADY NOTED. REFER TO PLANS FOR DEVICE QUANTITIES AND LOCATIONS THAT ARE WITHIN AREA OF WORK.
- RELOCATE OR PROVIDE NEW END OF LINE DEVICES AS REQUIRED.
- CONNECT NEW SPEAKERS AND STROBES TO EXISTING BUILDING FIRE ALARM SYSTEM SPEAKER AND STROBE CIRCUITS FOR THIS FLOOR. PROVIDE NEW CIRCUITS PER RECOMMENDATION OF THE BUILDING FIRE ALARM SYSTEM SERVICE CONTRACTOR.
- CONNECT NEW ADDRESSABLE DEVICES TO EXISTING ADDRESSABLE LOOP FOR THIS FLOOR.

## FIRE ALARM DRAWING LIST

DRAWING NUMBER	DRAWING NAME
FA-001	FIRE ALARM SYMBOLS, NOTES.
FA-401	FIRE ALARM 2ND FLOOR NEW WORK PLAN

## FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
	ADDRESSABLE AREA SMOKE DETECTOR: CEILING MOUNTED (IONIZATION TYPE)
	ADDRESSABLE MANUAL PULL STATION: DOUBLE ACTION TYPE
	FIRE ALARM SYSTEM SPEAKER/STROBE DEVICE, WALL MOUNTED, RED - 1/2 WATT TAP U.O.N. CANDELA RATING AS INDICATED
	FIRE ALARM SYSTEM STROBE ONLY DEVICE, WALL MOUNTED, RED, CANDELA RATING AS INDICATED
	FIRE ALARM SYSTEM SPEAKER/STROBE DEVICE CEILING MOUNTED, RED - 1/2 WATT TAP U.O.N. CANDELA RATING AS INDICATED
	FIRE ALARM SYSTEM STROBE ONLY DEVICE, CEILING MOUNTED, RED - 1/2 WATT TAP U.O.N. CANDELA RATING AS INDICATED
	FIRE ALARM CONTROL PANEL

## LEGEND

	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	NEW

ISSUE CHART

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2	75% CONSTRUCTION DOCUMENTS	05/01/15
1	DESIGN DEVELOPMENT	02/26/15

Mark Issue Date

Job Number 05PAW.150048

Drawn TVO

Checked JDS

Approved RED

FIRE ALARM -  
SYMBOLS, AND  
NOTES.

SHEET NUMBER

FA-001



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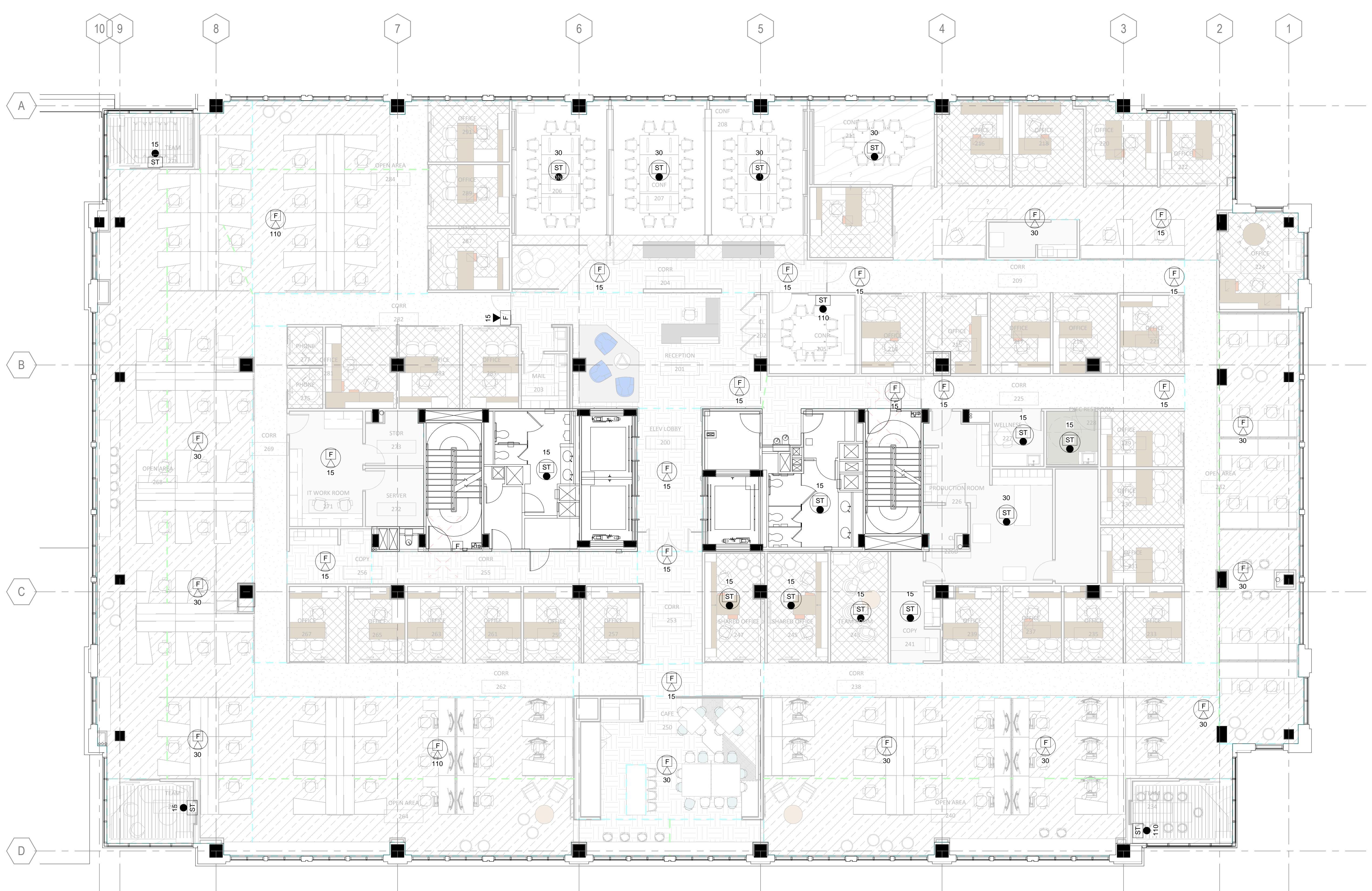
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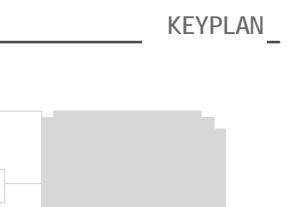
GENERAL NOTES	
1.	FOR GENERAL FIRE ALARM NOTES REFER TO SHEET FA-001.
2.	CONNECT ALL NEW FIRE ALARM DEVICES TO DISTING BASE BUILDING FIRE ALARM SYSTEM WITH WIRING AS RECOMMENDED BY EQUIPMENT MANUFACTURER. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY COMPONENTS AND/OR MAKE ANY MODIFICATIONS AS NECESSARY TO THE FIRE ALARM CONTROL PANEL AND POWER SUPPLY TO ALLOW FOR INSTALLATION OF NEW ADA APPROVED FIRE APPROVED FIRE ALARM DEVICES.
3.	CONTRACTOR SHALL USE THE BASE BUILDINGS FIRE ALARM VENDOR.
4.	ALL FIRE ALARM DEVICES ARE NEW UNLESS OTHERWISE NOTED.

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2	75% CONSTRUCTION DOCUMENTS	05/01/15
1	DESIGN DEVELOPMENT DOCUMENTS	03/06/15
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Job Number	05PAW.150048	
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Approved	RED	
TITLE		

**FIRE ALARM - 2ND  
FLOOR NEW WORK  
PLAN**

SHEET NUMBER

**FA-401**

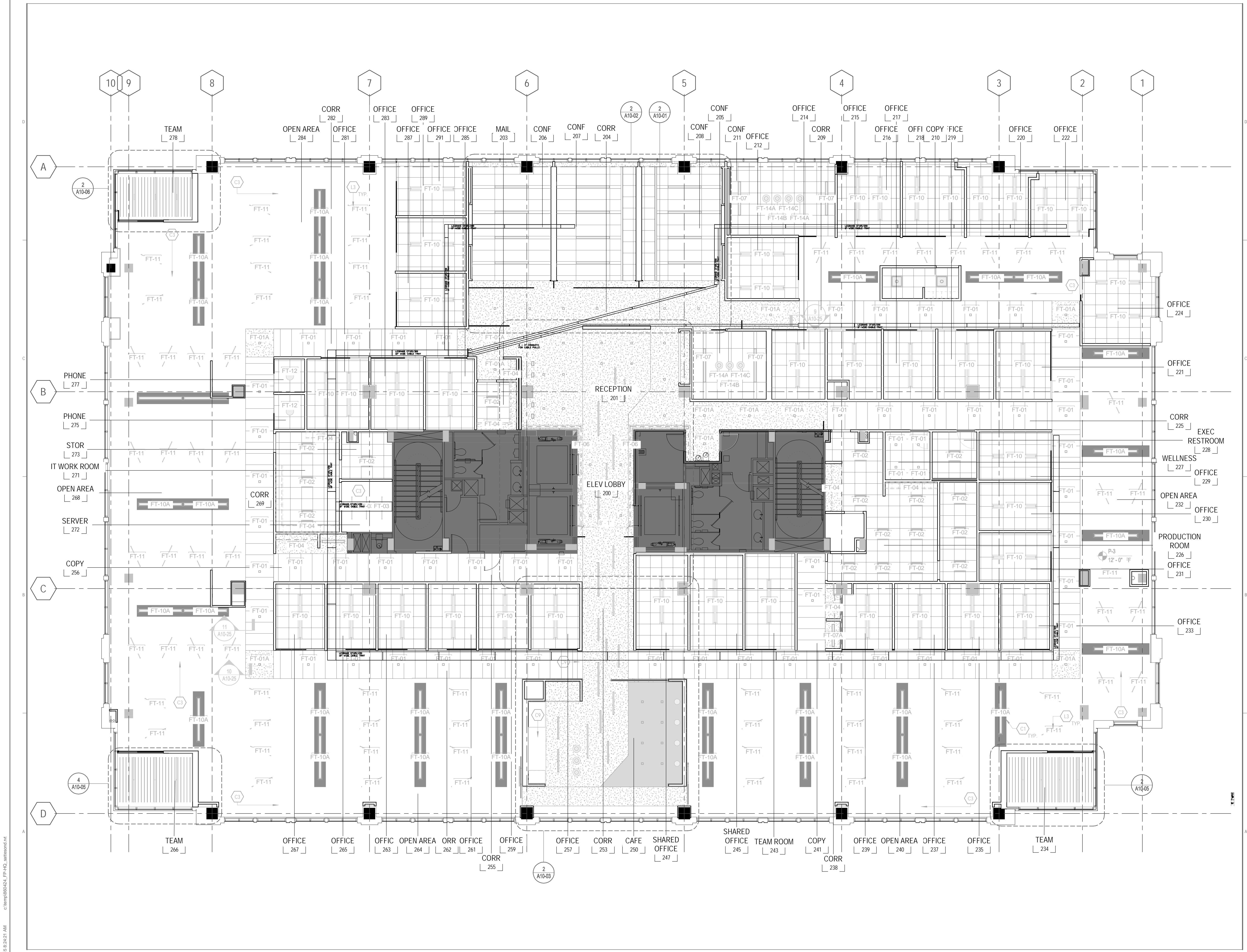
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MARK	DATE	REVISION	DRAWING	NUMBER
				860424.000
Drawn				KF
Checked				GK
Approved				SL
			TITLE	

Data Cable  
Tray Path

SHEET NUMBER

AV-01



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ISSUE CHART

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COORDINATION ONLY

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Job Number	860424.000	
Drawn	KF	
Checked	CK	
Approved	SL	

Recessed Display  
Elevation Detail

SHEET NUMBER

AV-02