

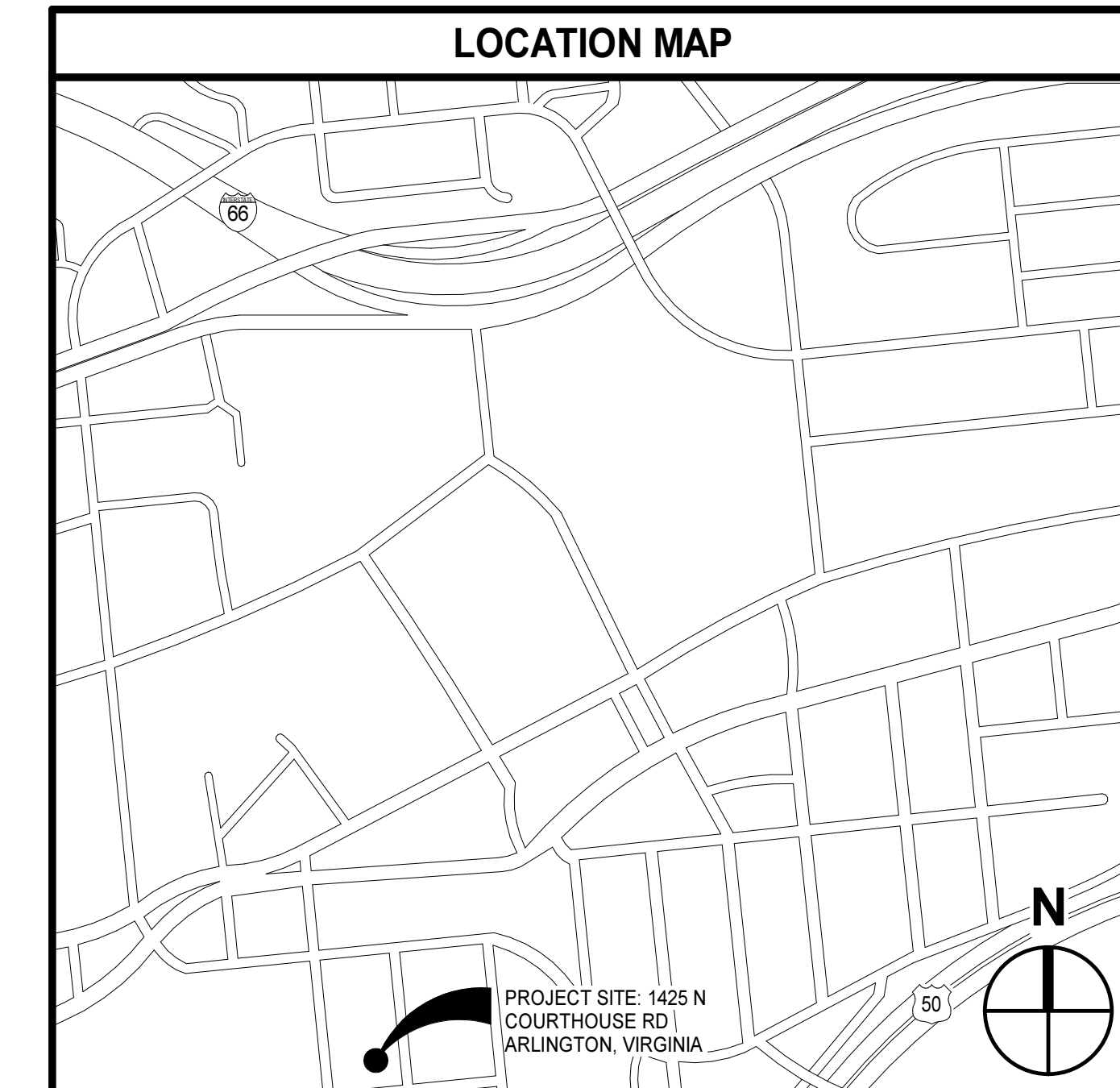
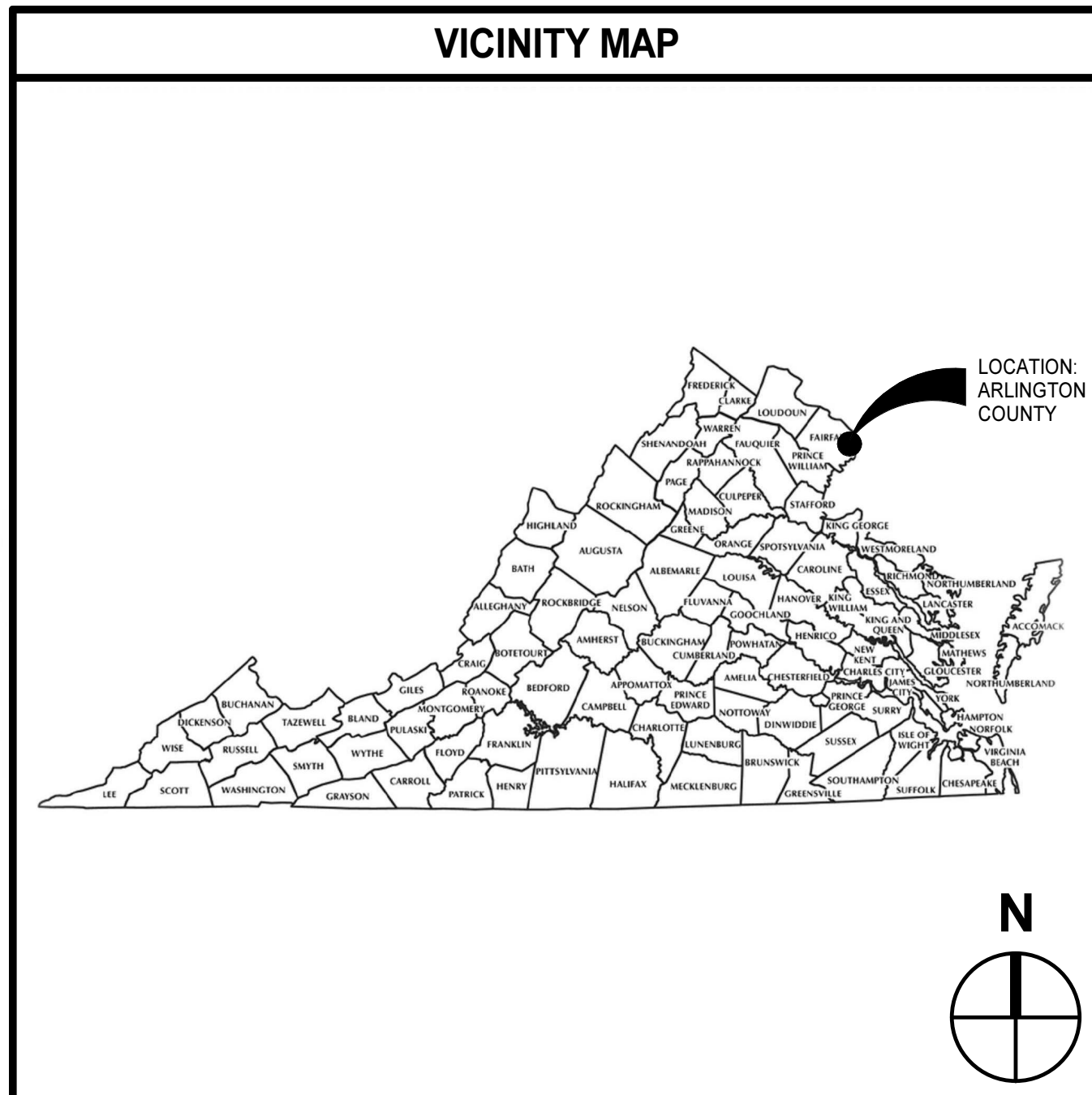
PERMIT SET

# ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION

## ARLINGTON COUNTY, VIRGINIA 1425 NORTH COURTHOUSE ROAD ARLINGTON, VA 563007

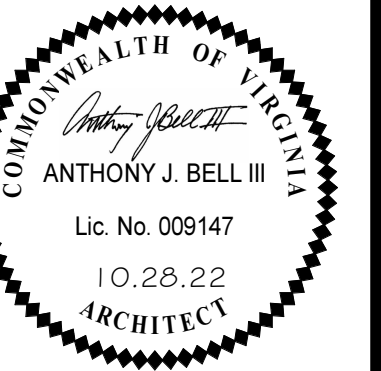
**MOSELEY**ARCHITECTS

3200 NORFOLK STREET, RICHMOND, VA 23230  
PHONE (804) 794-7555 FAX (804) 355-5690  
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ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION

563007  
ARLINGTON COUNTY, VIRGINIA  
1425 N COURTHOUSE RD, ARLINGTON, VA 22201

PROJECT NO:	563007
DATE:	October 28, 2022
REVISIONS	
DATE	DESCRIPTION

COVER

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**CODE AND BUILDING DATA**  
**EXISTING BUILDING INFORMATION:**  
BUILDING WAS CONSTRUCTED UNDER THE BOCA BASIC NATIONAL BUILDING CODE, 1990 EDITION, AND ANSI A117 FOR HANDICAP-ACCESSIBLE AREAS.

- CONSTRUCTED AS TYPE 2A (MODIFIED 1B IN ACCORDANCE WITH SECTION 602).
- OCCUPANCY USE GROUP ON TWELFTH FLOOR IS B - OFFICE.
- TWELFTH FLOOR FOOTPRINT IS 17,889 GSF.
- THE BUILDING IS FULLY SPRINKLERED.
- THE BUILDING HAS AN EXISTING FIRE ALARM SYSTEM.

**RENOVATION WORK:**  
THE NEW WORK WILL BE CONSTRUCTED UNDER THE 2018 VIRGINIA EXISTING BUILDING CODE (VEBO), LEVEL 1 AND LEVEL 2 ALTERATIONS, AND THE 2009 ICC A117.1.

- OCCUPANCY USE GROUP OF NEW WORK IS B - OFFICE. THERE IS NO CHANGE IN OCCUPANCY.
- GROSS RENOVATED AREA IS 6,429 GSF.
- LEVEL 1 RENOVATION = 6,107 GSF
- LEVEL 2 RENOVATION = 322 GSF

USE ELEVATOR ONE FOR CONSTRUCTION. PROTECT INTERIOR WALLS AND FLOORING.

THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL.  
IN CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.



J  
H  
G  
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A

1 2 3 4 5 6 7 8 9 10

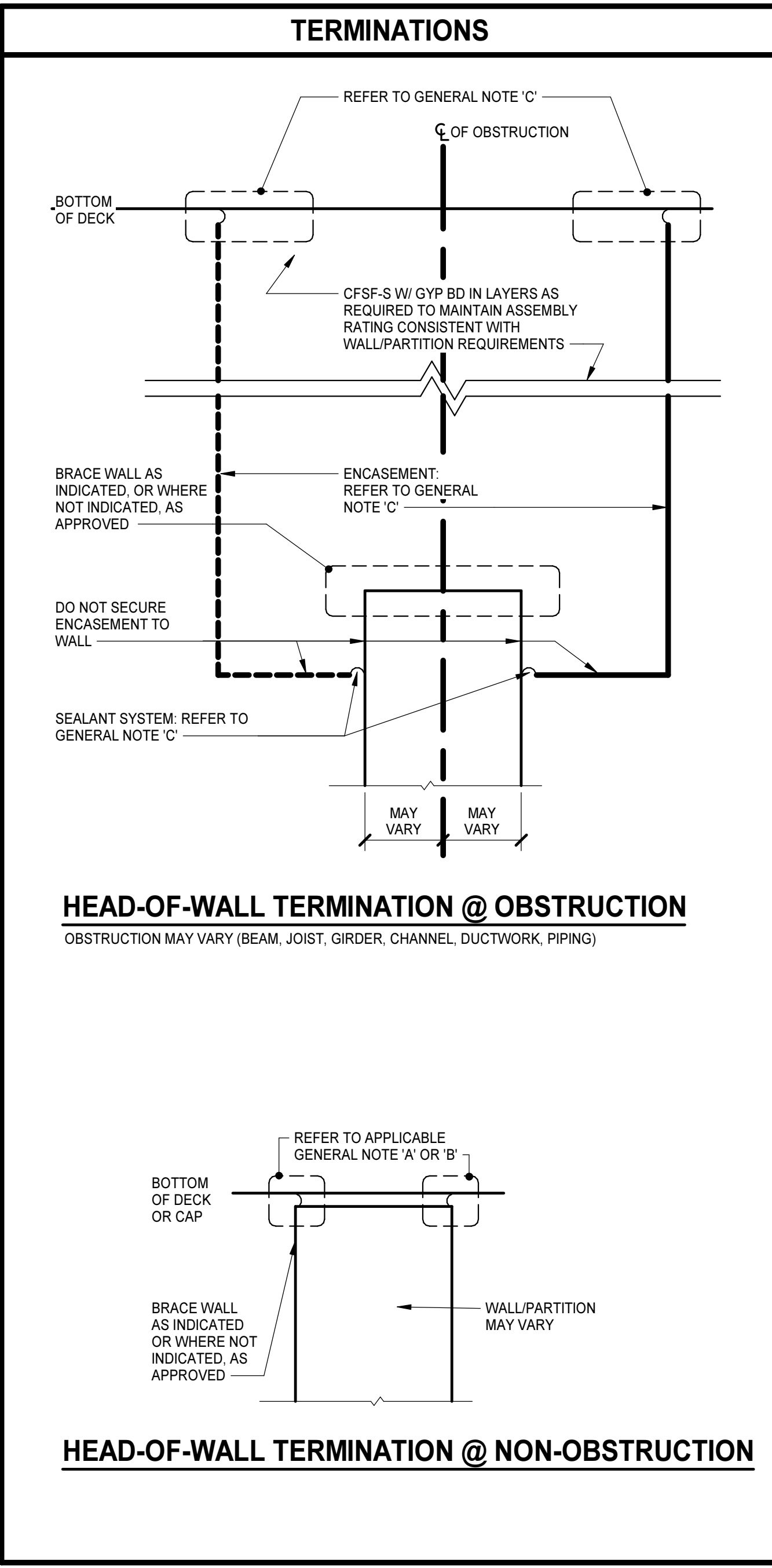
### TERMINATION GENERAL NOTES

A. AT FIRE, SMOKE, AND ACOUSTICALLY RATED WALLS, SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G. CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES), OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS. BRACE WALL AS INDICATED OR REQUIRED.

B. AT ALL OTHER WALLS INDICATED TO EXTEND TO UNDERSIDE OF FLOOR/ROOF DECK/CAP, SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G. CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES), OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES), OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES), BRACE WALL AS INDICATED OR REQUIRED.

C. AT ALL WALLS PREVENTED FROM TERMINATING AT THE UNDERSIDE OF FLOOR/ROOF DECK BY OBSTRUCTIONS, COMPLY WITH THE FOLLOWING:

- AT FIRE, SMOKE, AND ACOUSTICALLY-RATED WALLS, ENCASE OBSTRUCTION(S) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.
- AT SECURITY WALLS, TERMINATE IN ACCORDANCE WITH SECURITY PARTITION REQUIREMENTS.
- AT OTHER WALLS, ENCASE OBSTRUCTION(S) ON ONE SIDE.
- SEAL ENCASUREMENT TO WALL AND SEAL ENCASUREMENT TO DECK IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.



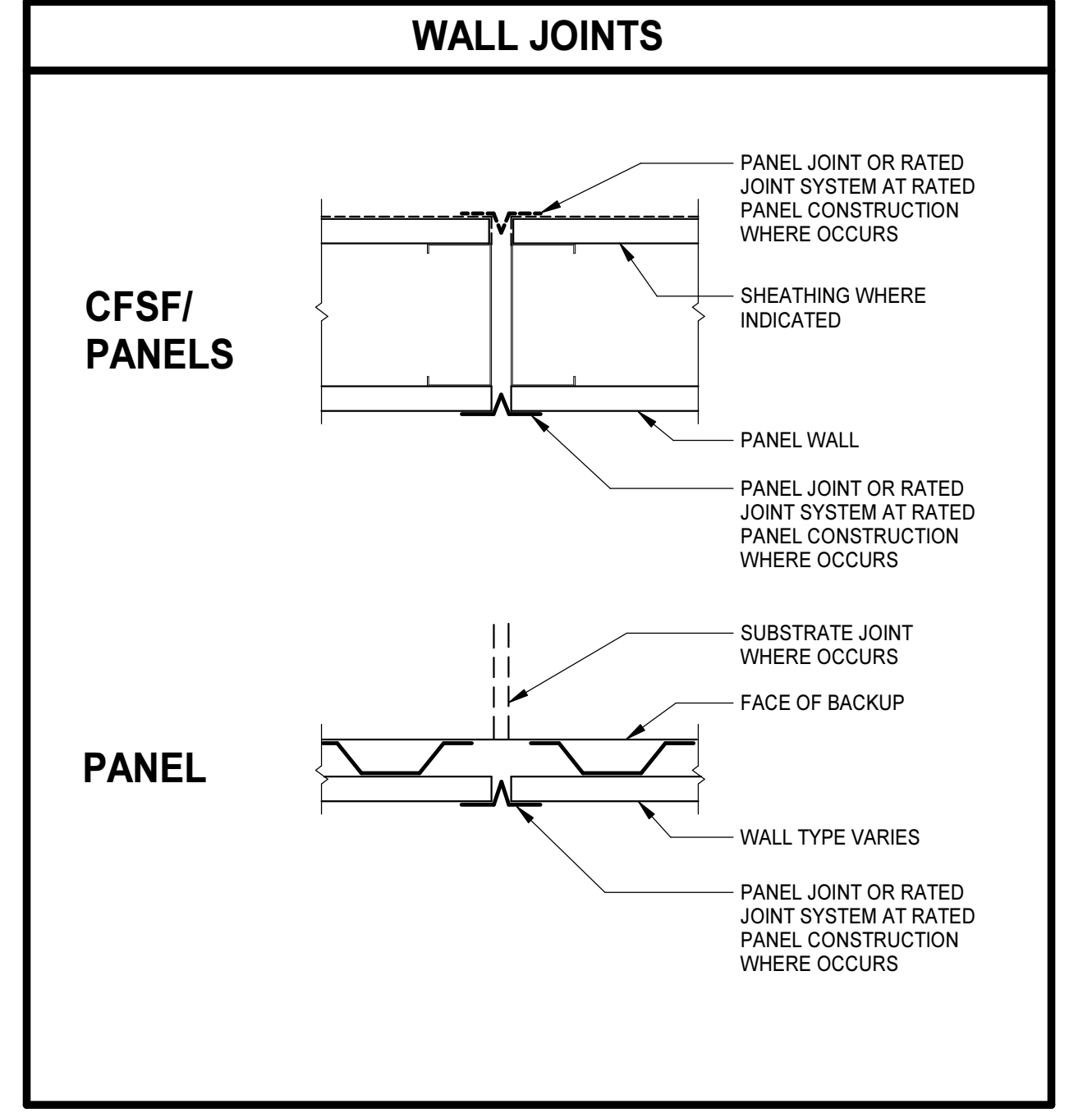
### WALL JOINT GENERAL NOTES

A. WALLS AND JOINT TYPES/DETAILS ARE DIAGRAMMATIC. ADJUST JOINT TYPES/DETAILS IN ACCORDANCE WITH ACTUAL FIELD CONDITIONS.

B. PROVIDE TESTED JOINT ASSEMBLIES AT FIRE, SMOKE, AND ACOUSTICAL-RATED WALLS.

C. WHEN USED HEREIN "RATED" MEANS: FIRE, SMOKE, AND/OR ACOUSTICAL.

D. REFER TO SPECIFICATIONS FOR ADDITIONAL WALL JOINT REQUIREMENTS.



### WALL/PARTITION TYPE GENERAL NOTES

A. PLAN DIMENSIONS ARE TO FACE OF WALL OR PARTITION. WHERE APPLIED FINISHES OCCUR SUCH AS CERAMIC TILE, DIMENSIONS ARE TO FACE OF APPLIED FINISH. FOR WAINSCOTS, FLOOR PLAN DIMENSIONS ARE TO FACE OF WAINSCOT MATERIAL. APPLIED FINISHES ARE NOT ALLOWED TO REDUCE CLEAR DIMENSIONS. "APPLIED FINISHES" IN THIS CASE DO NOT INCLUDE TRIM, BASE, AND ACOUSTIC WALL PANELS.

B. EXTEND WALL/PARTITION ASSEMBLY COMPONENTS FULL HEIGHT OF ASSEMBLY.

C. ALL INTERIOR CFSF PANEL PARTITIONS, P1 UNLESS INDICATED OTHERWISE.

D. THE TERMS "WALL" AND "PARTITION" MAY BE USED INTERCHANGEABLY THROUGHOUT THE CONTRACT DOCUMENTS.

E. EXTEND ALL FIRE, SMOKE, INCIDENTAL USE, AND ACOUSTICAL-RATED WALLS/PARTITIONS TO UNDERSIDE OF FLOOR DECK, ROOF DECK, STRUCTURAL ELEMENT ENCASUREMENT OR SOLID CAP ABOVE.

- SEAL AND TERMINATE IN ACCORDANCE WITH JOINT SYSTEM TESTED ASSEMBLIES FOR RESPECTIVE TYPE OF WALLS/PARTITIONS.

H. PARTITIONS THAT DO NOT EXTEND TO UNDERSIDE OF DECK OR CAP ABOVE:

- EXTEND 4 INCHES MINIMUM ABOVE HIGHEST ADJACENT FINISH CEILING UNLESS INDICATED OTHERWISE.

I. DO NOT CONNECT TIES, ANCHORS, OR REINFORCING TO SINGLE CANTILEVERED FIRE WALL OR BETWEEN DOUBLE FIRE WALLS.

J. SEAL AROUND ALL PENETRATIONS.

K. COMPLY WITH TERMINATION, WALL JOINT, AND MISCELLANEOUS DETAILS FOR THOSE CONDITIONS WHERE APPLICABLE. COMPLY WITH REFERENCED STANDARDS WHERE DETAILS ARE NOT IDENTIFIED IN THE DRAWINGS.

L. WALL/PARTITION TYPES DO NOT ADDRESS WALL FINISHES. REFER TO FINISH SCHEDULE.

M. FINISHED SPACES: PROVIDE CHASES AROUND ALL EXPOSED VERTICAL COMPONENTS, INCLUDING BUT NOT LIMITED TO: DUCTWORK, PIPING, AND CONDUIT. UNLESS COMPONENTS ARE SPECIFICALLY INDICATED TO REMAIN EXPOSED, IF NOT OTHERWISE INDICATED, PROVIDE CHASE CONSTRUCTION.

- HOLD CHASES TIGHT TO COMPONENTS ALLOWING FOR ACCESS, INSULATION, AND TOLERANCES.
- EXTEND CHASES FROM FLOOR TO 4 INCHES MINIMUM ABOVE FINISH CEILING OR IF NO CEILING IS INDICATED, EXTEND CHASES TO UNDERSIDE OF FLOOR DECK, ROOF DECK, OR SOLID CAP ABOVE AND TERMINATE ACCORDINGLY.

### PANEL WALL/PARTITION TYPES

REPRESENTED BY Xmm

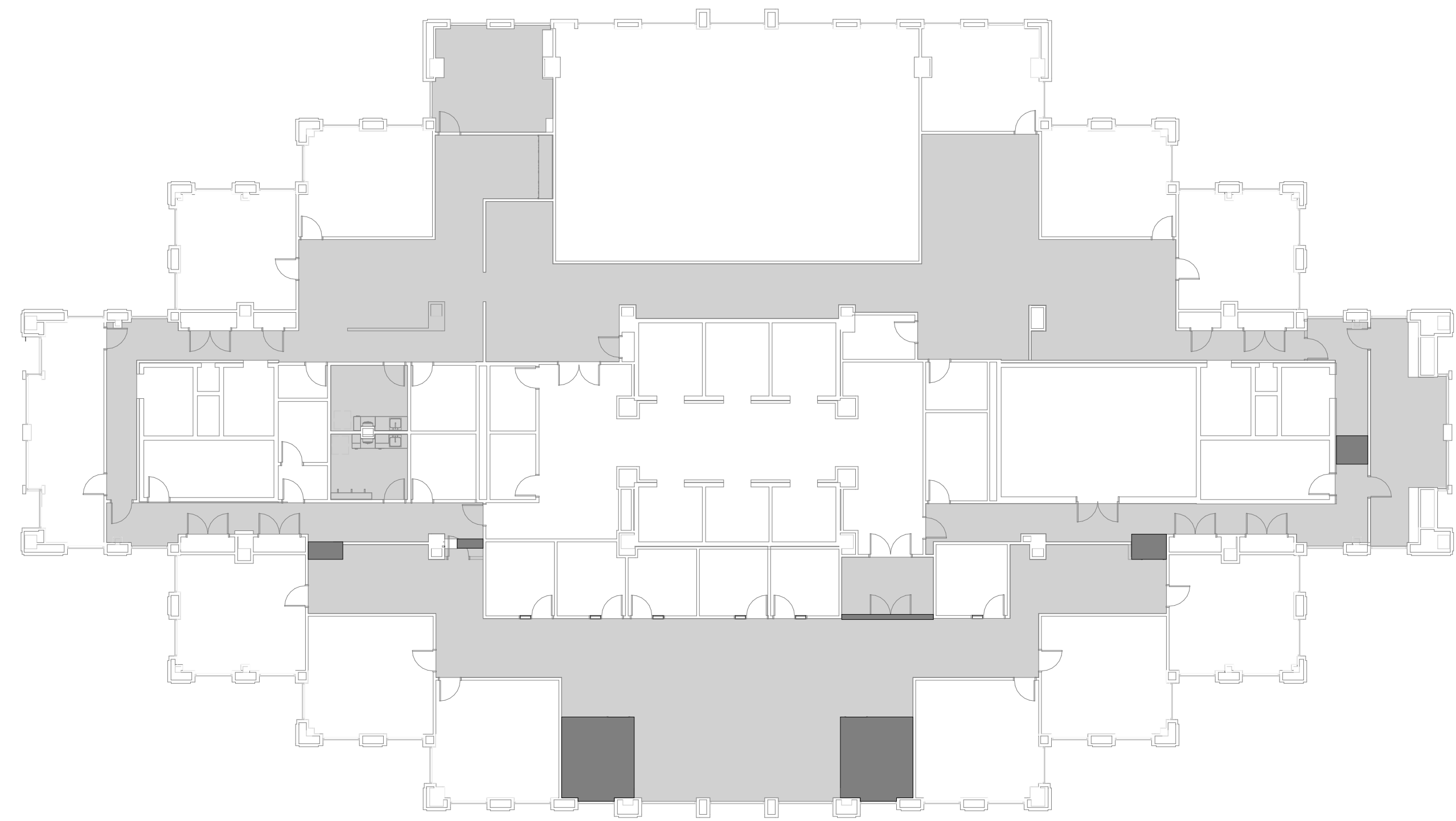
MARK	FIRE RATED ASSEMBLY	REMARKS	INFORMATION
P1	-	STC 44	
P2		-	



PROJECT NO: 563007  
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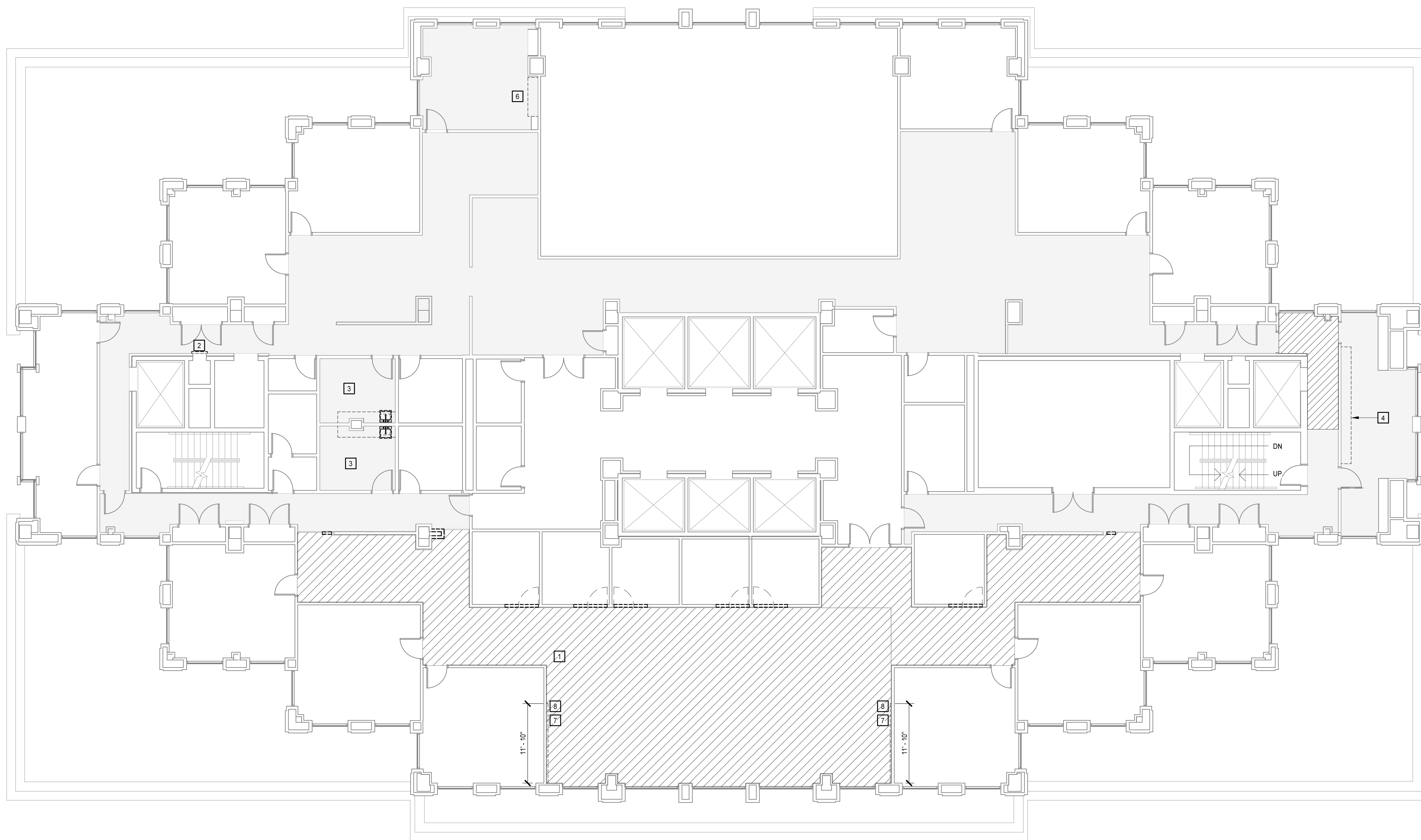
DATE	REVISIONS

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■ LEVEL 1 ALTERATIONS  
 ■ LEVEL 2 ALTERATIONS

**N**  
 LEVEL OF ALTERATIONS  
 1/16" = 1'-0"



**N**  
 TWELFTH FLOOR DEMOLITION PLAN  
 1/16" = 1'-0"

**DEMOLITION PLAN KEYNOTES**

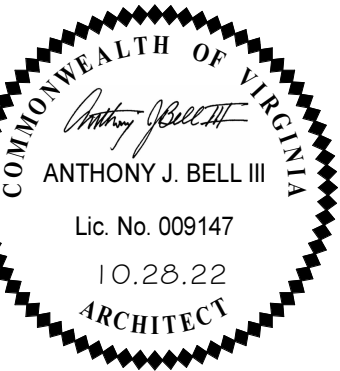
REPRESENTED BY [ ]  
 APPLIES TO DRAWING A1.2.1

- 1 REMOVE WALLCOVERING
- 2 REMOVE DUMBWAITER ACCESS PANEL AND HARDWARE
- 3 REMOVE CASEWORK
- 4 SALVAGE BOOKCASE, RETURN TO COUNTY
- 6 SALVAGE CASEWORK, RETURN TO COUNTY
- 7 REMOVE CHAIR RAIL AND WALL COVERING BELOW CHAIR RAIL
- 8 REMOVE PICTURE RAIL

**DEMOLITION PLAN LEGEND**

APPLIES TO DRAWINGS A1.2.1 - A1.2.n

- EXISTING PARTITION/ WALL/ ITEM TO REMAIN
- REMOVE EXISTING PARTITION/WALL/ITEM
- REMOVE EXISTING DOOR AND FRAME ASSEMBLY INCLUDING DOOR HARDWARE, ANCHORS, AND THRESHOLD (WHERE OCCURS).
- REMOVE EXISTING PLUMBING FIXTURE. REFER TO PLUMBING DEMOLITION PLAN FOR ADDITIONAL INFORMATION.
- REMOVE ALL EXISTING FINISH FLOORING AND BASE IN AREA
- REMOVE ALL EXISTING FINISH FLOORING, BASE, AND SUSPENDED CEILINGS IN AREA



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**CASEWORK GENERAL NOTES**

A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOP(S) AND LAVATORIES WHERE OCCURS

- 2'-10" AFF OR 2'-10" TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
- 2'-1" DEEP
- SOLID SURFACE
- BACKSPLASHES: 4" HIGH AT ALL SIDES AND BACK

B. UNLESS INDICATED OTHERWISE, ALL BASE CABINET(S)

- 2'-0" DEEP NOMINAL
- TOE KICKS: 4" HIGH AND 3" DEEP
- SINK LOCATIONS: 3'-0" WIDE CLEAR KNEE SPACE, TOE KICK ATTACHED TO CABINET FOR BARRIER FREE ACCESS

C. BUILT-IN EQUIPMENT: SIZE OPENING (HEIGHT, WIDTH, AND DEPTH) AND ROUGH-IN REQUIREMENTS AS REQUIRED BASED ON APPROVED MANUFACTURER SUBMITTED.

D. ALL SHELVES: ADJUSTABLE UNLESS INDICATED OTHERWISE.

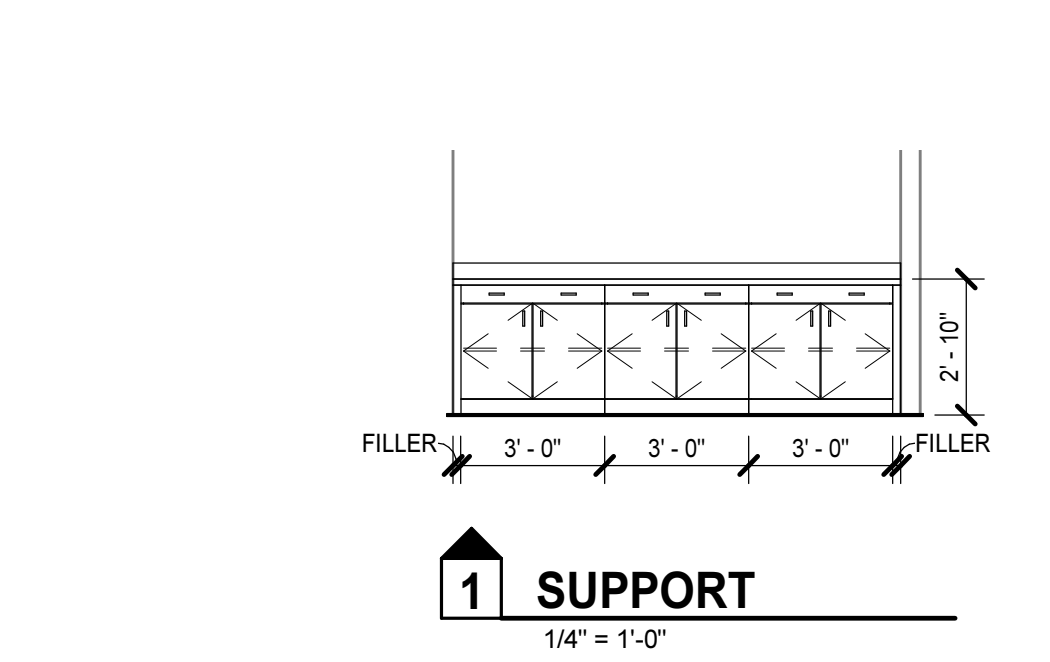
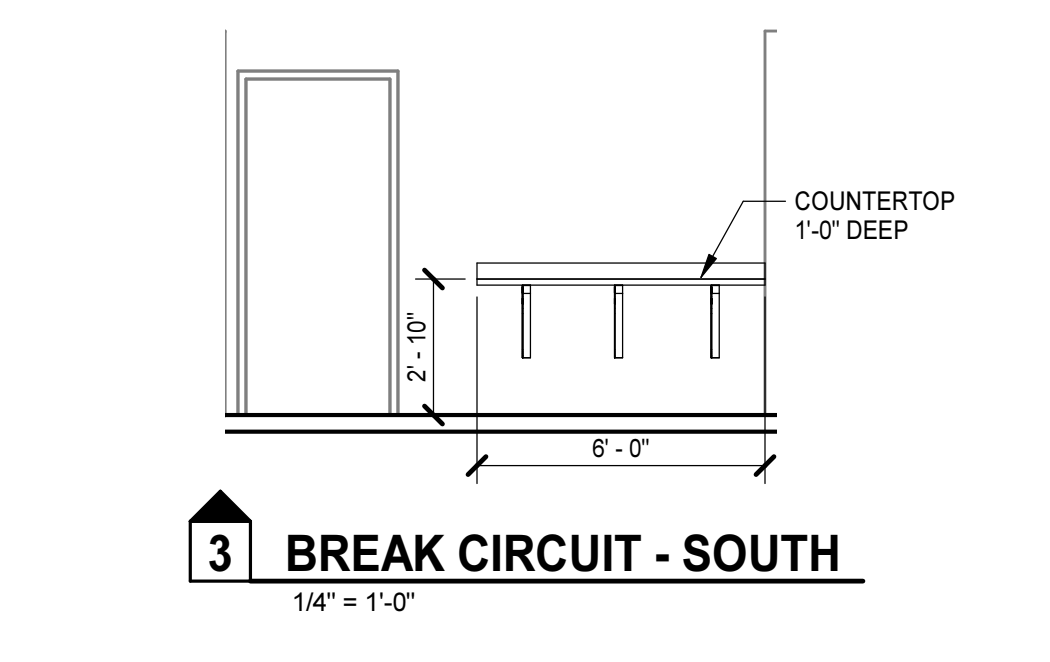
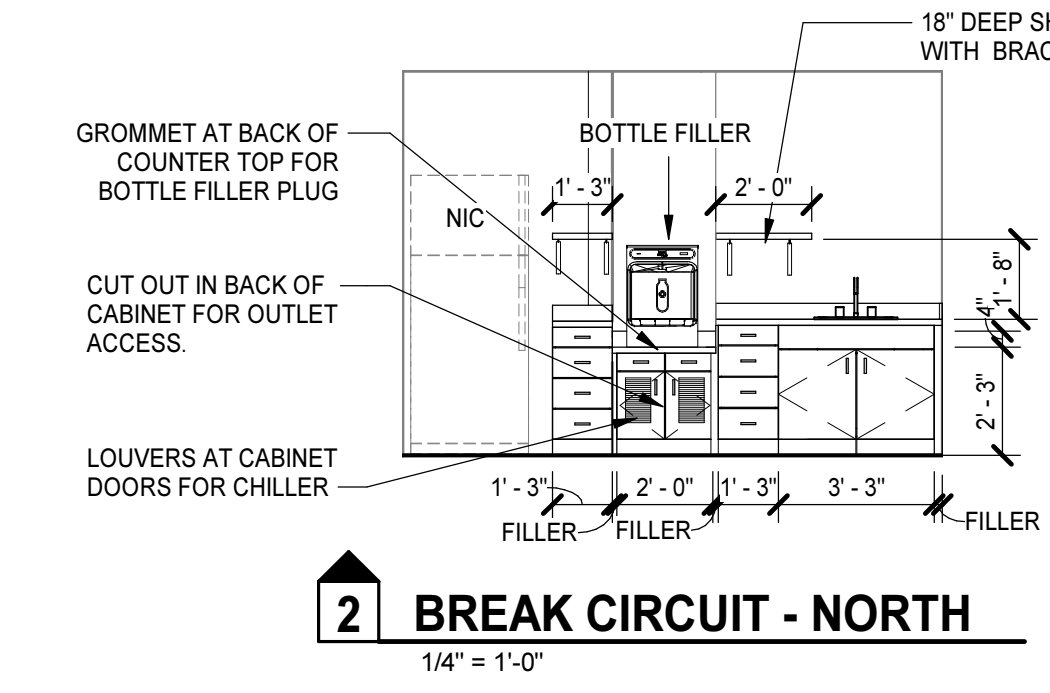
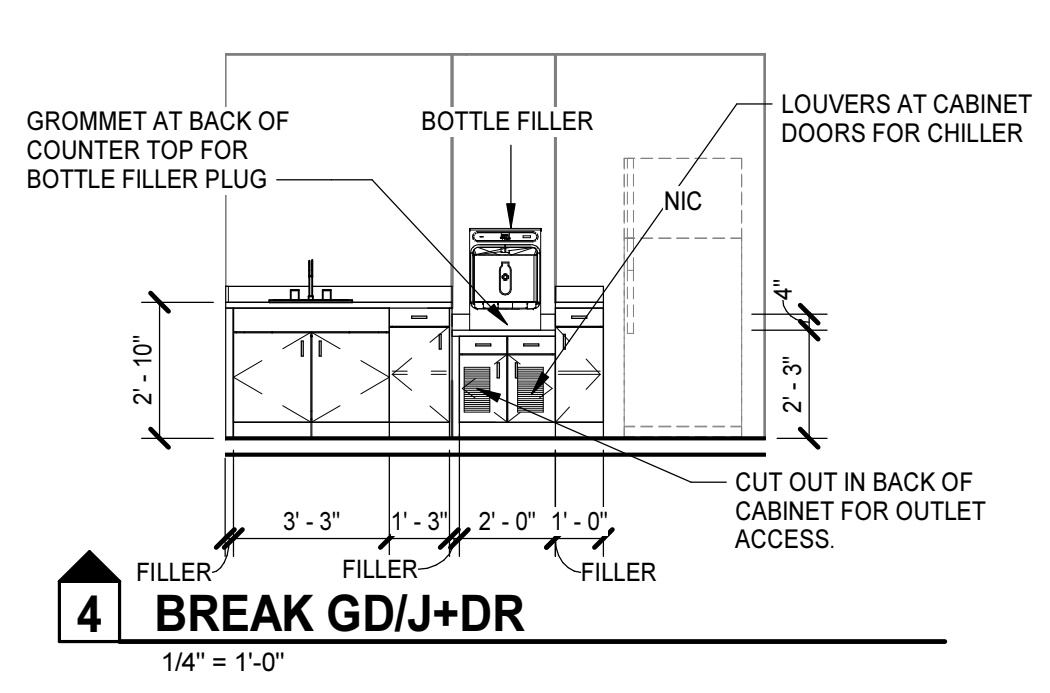
E. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.

**DOOR SCHEDULE**

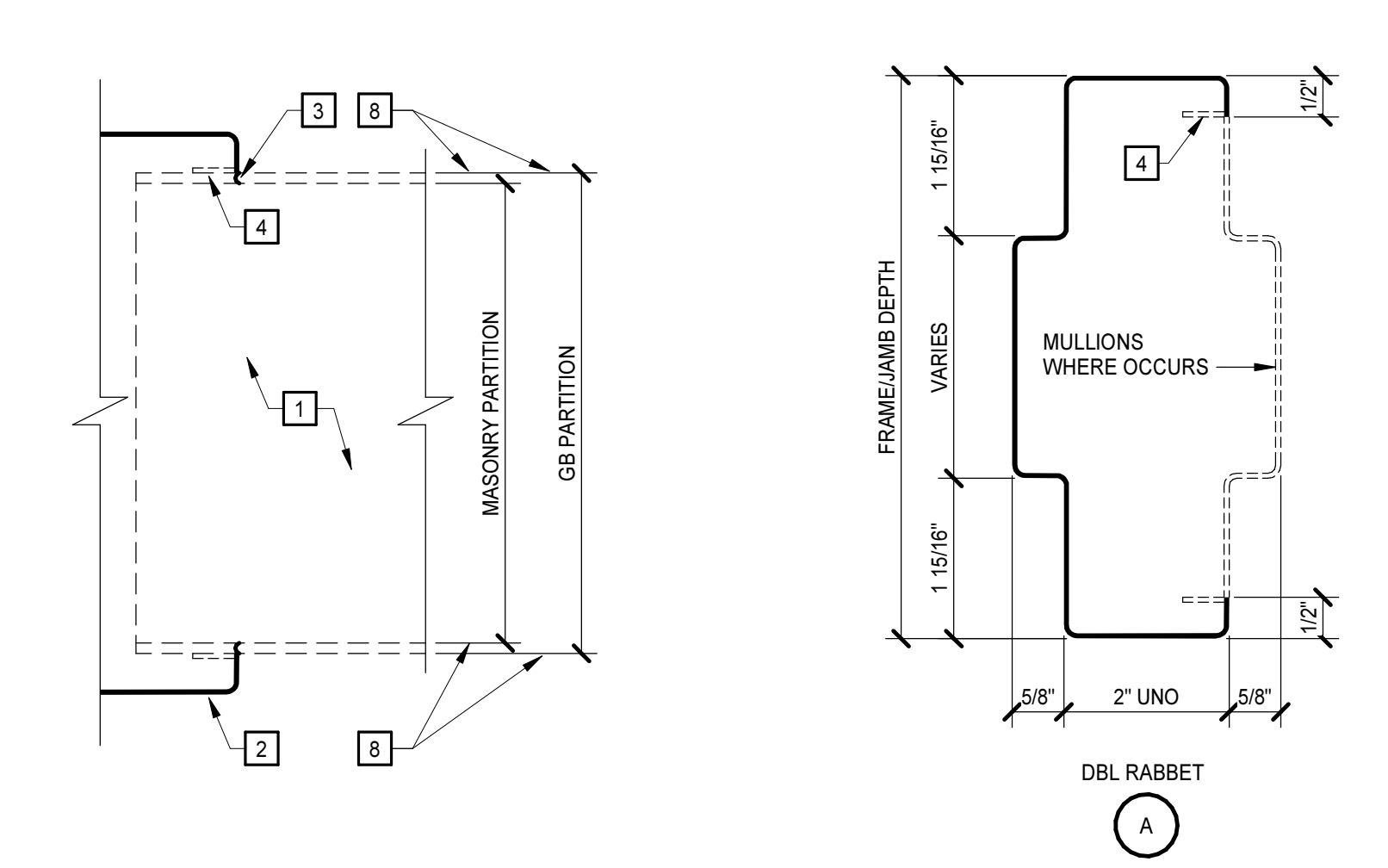
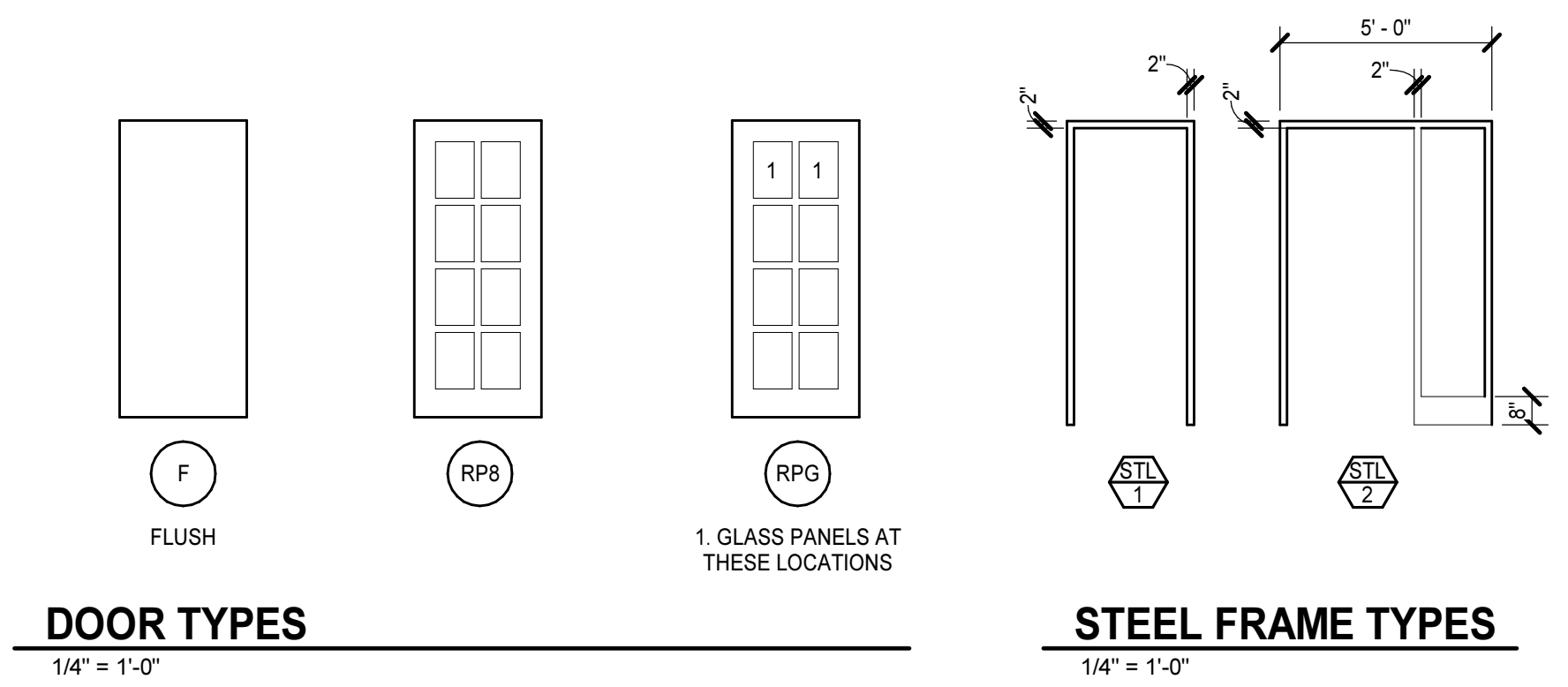
NUMBER	TYPE	SIZE (NOMINAL)	MATERIAL	LOUVER	UC	GLAZING TYPE	FRAME				FIRE RATING	NOTES	
							HEAD DETAIL	JAMB DETAIL	JAMB DETAIL	SILL DETAIL			
01	F	3'-0"x7'-0"x1'-3/4"	WD	--	--	--	1	A	1	1	1	--	
02	RPG	3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	1	A	1	1	1	--	
03	RPG	3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	1	A	1	1	1	--	
04	RPB	PR 3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	1	A	1	1	1	--	
05	F	3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	1	A	1	1	1	--	
08	RPG	PR 3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	1	A	1	1	1	--	
09	F	3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	2	A	2	2	2	--	
10	F	3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	2	A	2	2	2	--	
11	F	3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	2	A	2	2	2	--	
12	F	3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	2	A	2	2	2	--	
13	F	3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	2	A	2	2	2	--	
14	F	3'-0"x7'-0"x1'-3/4"	WD	--	--	STL	1	A	1	1	1	--	

**DOOR AND FRAME DETAIL KEYNOTES**  
 REPRESENTED BY [1]  
 APPLIES TO DRAWINGS A3.2.1 - A3.2.n

- ANCHORAGES, REINFORCING, SPECIFIC PARTITION CONSTRUCTION AND/OR LINTELS ARE NOT SHOWN FOR CLARITY.
- REFER TO FRAME SECTION IN DOOR SCHEDULE FOR TYPE.
- SEALANT, ALL SIDES - TOOL TO 90°.
- BACKBEND RETURN @ GB LOCATIONS ONLY.
- 9/16" @ MAS. 1/2" @ GB.
- 1/4" @ JAMBS, UNO, DIMENSION @ HEAD & SILL VARIES.
- BULLNOSE @ CMU JAMBS & SILLS.
- 0" @ GB LOCATIONS; 1/16" @ MAS LOCATIONS.



1. PROVIDE POWER DOOR ACTUATOR.



**INTERIOR WRAP HEAD/JAMB/SILL**  
 6\"/>

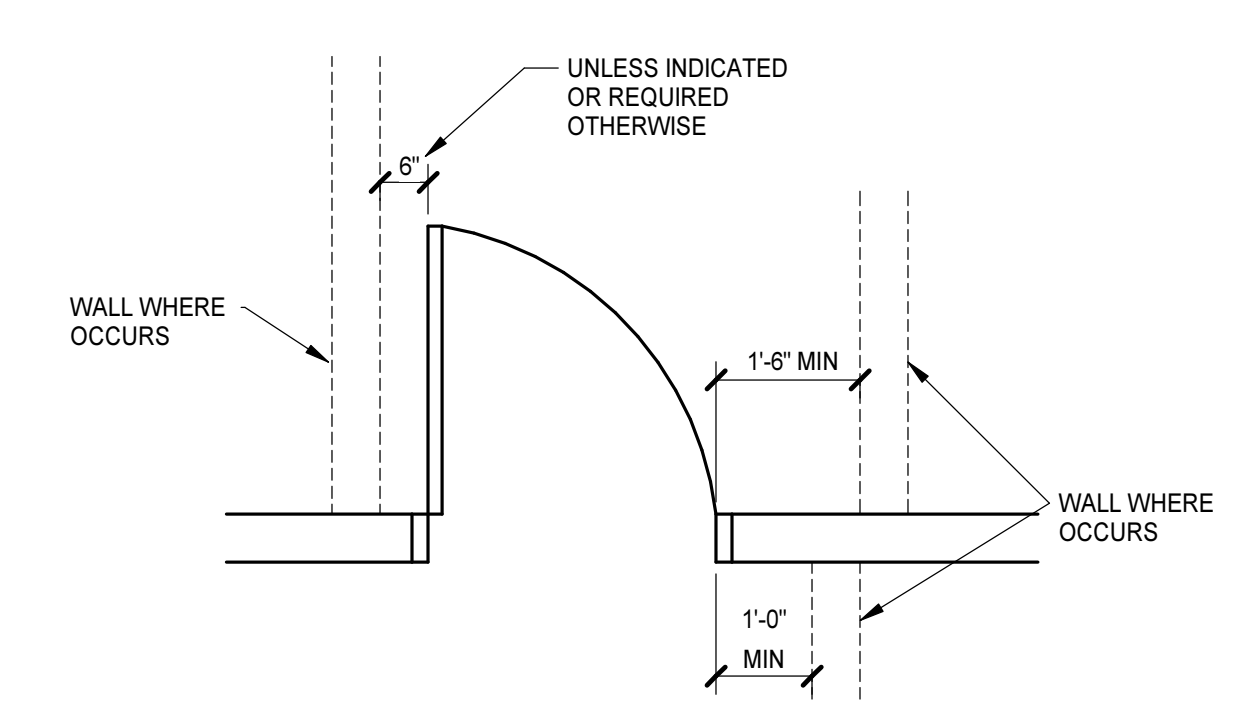
**STEEL FRAME SECTIONS**  
 6\"/>

**FLOOR PLAN KEYNOTES**  
 APPLIES TO DRAWING A2.1  
 REPRESENTED BY [n]

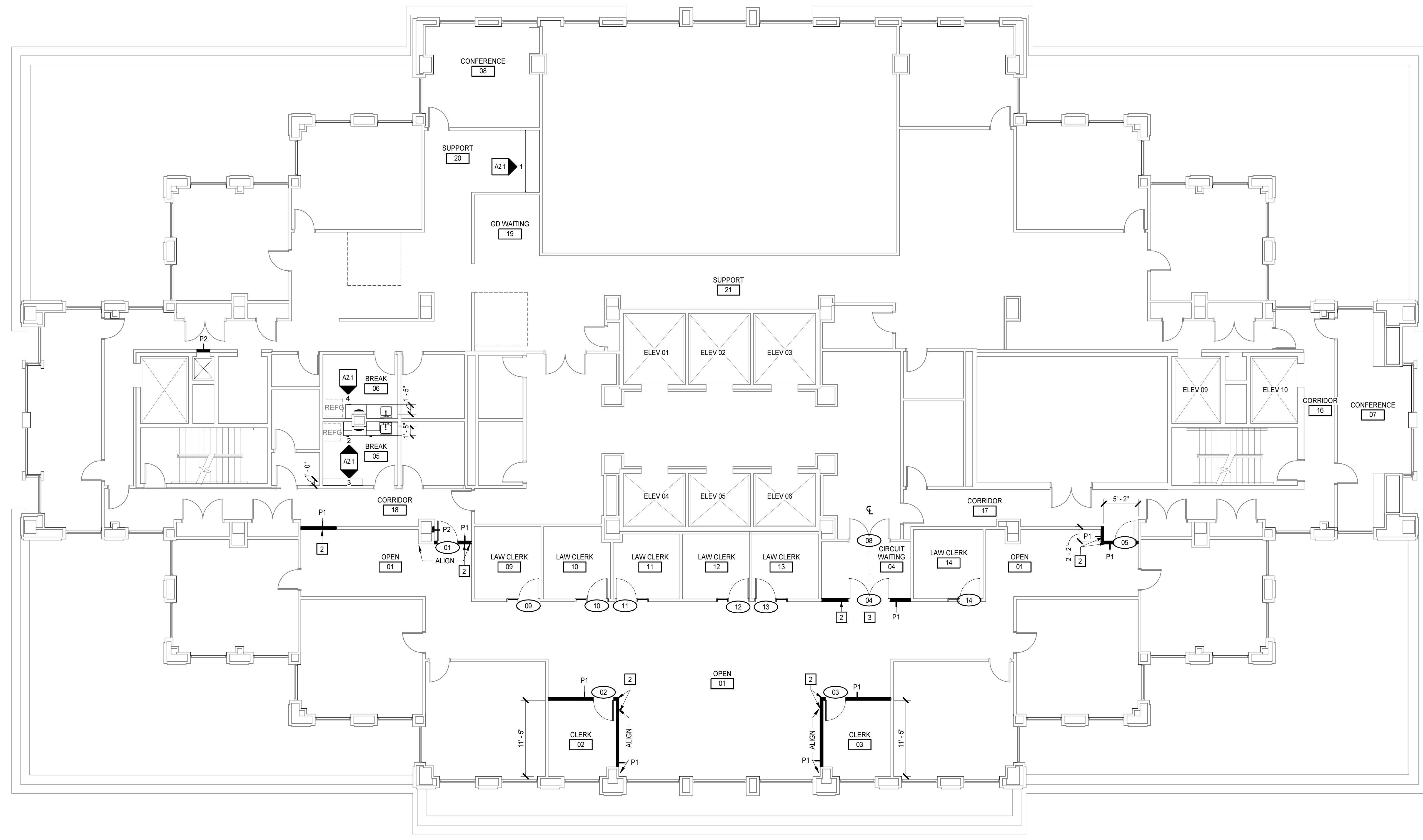
- NOT USED
- PROVIDE CHAIR RAIL TO MATCH EXISTING
- ALIGN NEW DOOR TO EXISTING CENTERLINE

**FINISH SCHEDULE**

NUMBER	NAME	FLOOR	BASE	WALLS				WAINSCOT	CEILING	NOTES
				NORTH	EAST	SOUTH	WEST			
01	OPEN	C-TILE	RB	PT	PT	PT	PT	WD-PTA-PT	ACP/GB PT	
02	CLERK	C-TILE	RB	PT	PT	PT	PT	A-PT	ACP	
03	CLERK	C-TILE	PT	PT	A-PT	PT	PT		ACP	
04	CIRCUIT WAITING	C-TILE	RB	PT	PT	PT	PT		ACP/GB PT	
05	BREAK	VT	RB	PT	PT	PT	PT		ETR	
06	BREAK	VT	RB	PT	PT	PT	PT		ETR	
07	CONFERENCE	C-TILE	RB	PT	PT	PT	PT		ETR	
08	CONFERENCE	C-TILE	ETR	PT	PT	PT	PT		ETR	
09	LAW CLERK	C-TILE	RB	A-PT	PT	PT	PT		ETR	
10	LAW CLERK	C-TILE	RB	A-PT	PT	PT	PT		ETR	
11	LAW CLERK	C-TILE	RB	A-PT	PT	PT	PT		ETR	
12	LAW CLERK	C-TILE	RB	A-PT	PT	PT	PT		ETR	
13	LAW CLERK	C-TILE	RB	A-PT	PT	PT	PT		ETR	
14	LAW CLERK	C-TILE	RB	A-PT	PT	PT	PT		ETR	
16	CORRIDOR	C-TILE	RB	PT	PT	PT	PT		ETR	
17	CORRIDOR	C-TILE	RB	PT	PT	PT	PT		ETR	
18	CORRIDOR	C-TILE	RB	PT	PT	PT	PT		ETR	
19	GD WAITING	C-TILE	RB	ETR	ETR	ETR	ETR		ETR	
20	SUPPORT	C-TILE	RB	PT	PT	PT	PT		ETR	
21	SUPPORT	C-TILE	RB	PT	PT	PT	PT		ETR	



**MANEUVERING CLEARANCE AT DOOR**  
 6\"/>





**REFLECTED CEILING PLAN KEYNOTES**  
 APPLIES TO DRAWINGS A9.1  
 REPRESENTED BY n

1. BULKHEAD, REFER TO BULKHEAD DETAILS
2. CFSF - S
3. 5/8" GYP BD. TERMINATE 4" ABV FIN CLG
4. FIN CLG. FINISH AND/OR HEIGHT AFF VARIES
5. GYP BD. EXTEND FULL HEIGHT, UNLESS INDICATED OTHERWISE

**REFLECTED CEILING PLAN LEGEND**  
 APPLIES TO DRAWINGS A9.1.n - A9.1.n

REFER TO M, E & FP DRAWINGS FOR REFLECTED CEILING PLAN SYMBOLS NOT INDICATED BELOW

**A101** — SPACE NUMBER  
 n'-n" — CEILING HEIGHT, AFF UNO

INTERIOR APPLICATIONS: GYPSUM BOARD CEILING  
 EXTERIOR APPLICATIONS: GYPSUM SOFFIT BOARD OR GYPSUM SHEATHING

2'-0" x 2'-0" LAY-IN ACOUSTICAL CEILING PANELS IN SUSPENDED GRID

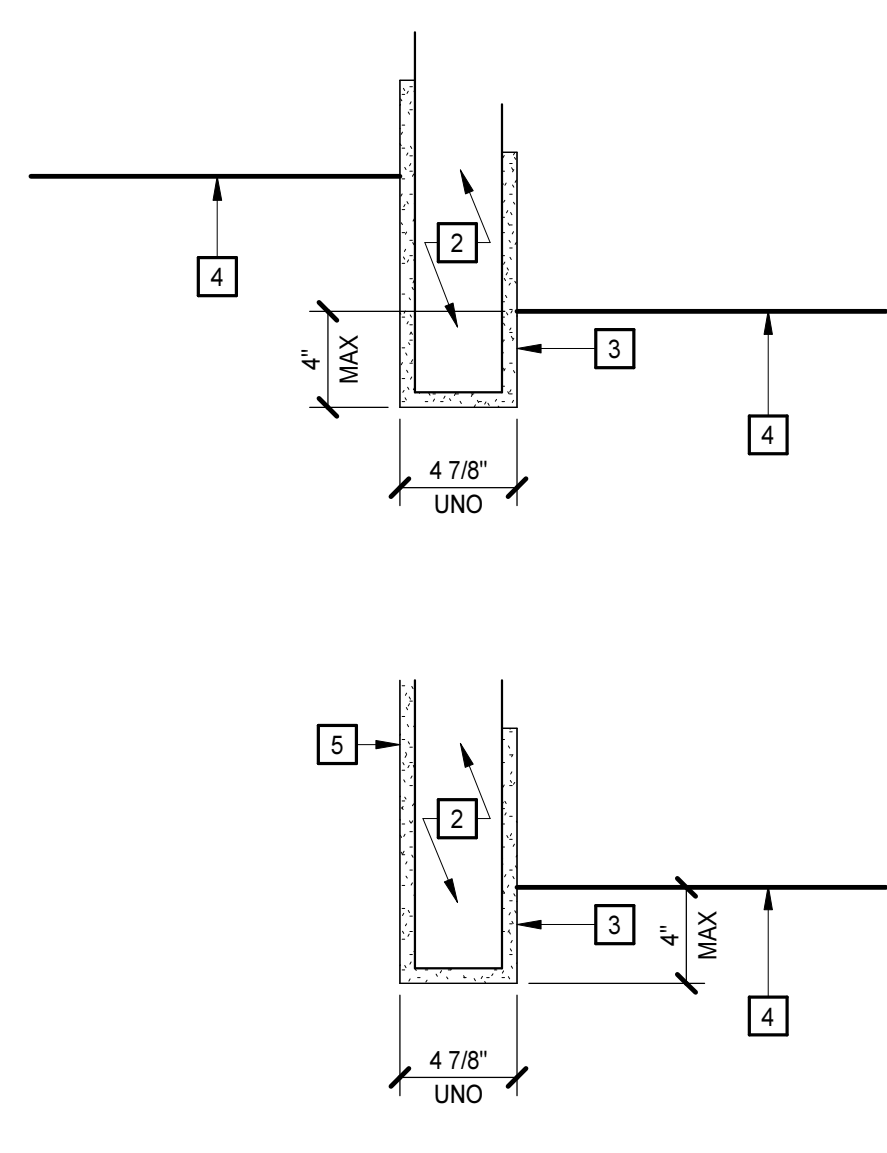
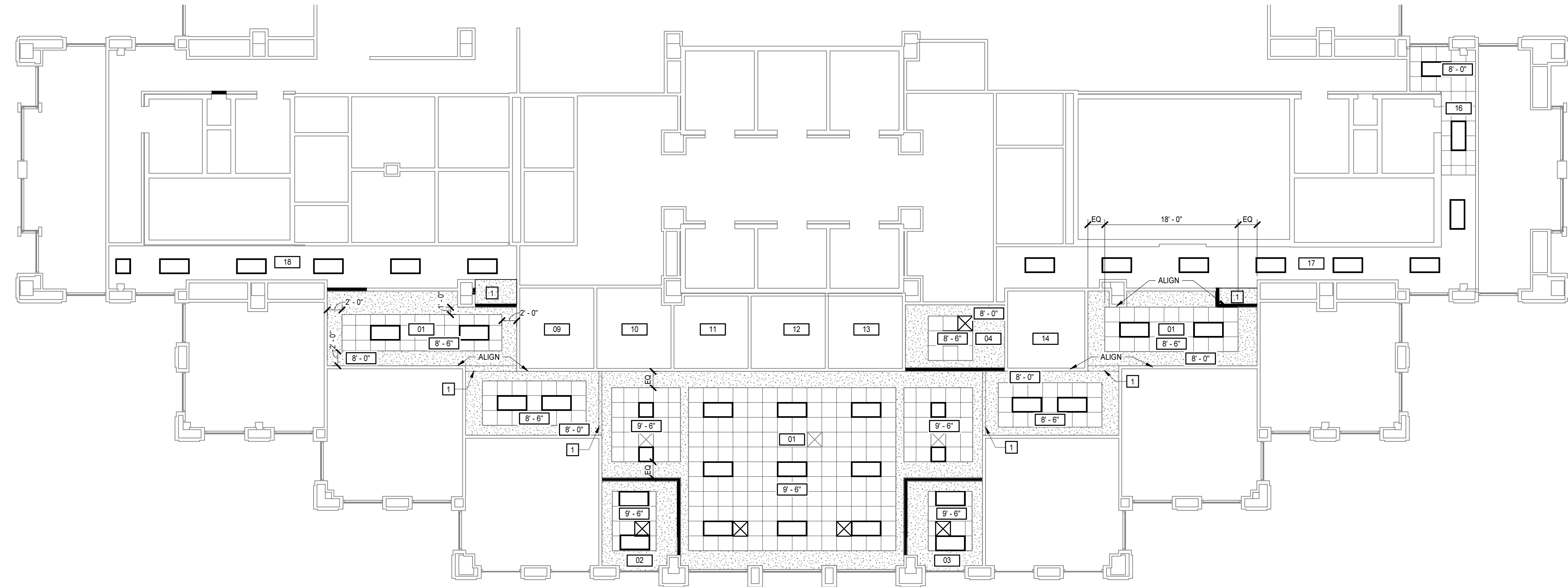
WITH OPENING

INTERIOR WALL/PARTITION TO UNDERSIDE OF DECK

EXISTING TO REMAIN, VERIFY VERTICAL EXTENTS WHERE THE HEIGHT IMPACTS THE WORK

**REFLECTED CEILING PLAN/DETAIL GENERAL NOTES**

- ALL CEILING HEIGHTS SHALL BE 9'-0" AFF UNLESS INDICATED OTHERWISE.
- DRAWINGS INDICATE GRID LAYOUT DIAGRAMMATICALLY. REFER TO SPECIFICATIONS FOR SPECIFIC GRID LAYOUT CRITERIA AT PERIMETER CONDITIONS THAT MAY DIFFER FROM GRID LAYOUT INDICATED ON DRAWINGS.
- CENTER CEILING MOUNTED ITEMS WITHIN CEILING PANELS, UNLESS INDICATED OTHERWISE.
- IF ADDITIONAL SPRINKLER HEADS ARE REQUIRED TO SATISFY CODE OR COVERAGE DENSITIES (OTHER THAN THOSE THAT MAY BE INDICATED), PROVIDE ADDITIONAL SPRINKLER HEADS AT NO ADDITIONAL COST AND OBTAIN APPROVAL OF ARCHITECT FOR LOCATION OF SUCH HEADS, IF ANY.



**BULKHEAD DETAILS**  
 1 1/2" = 1'-0"

**ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION**

563007  
 ARLINGTON COUNTY, VIRGINIA  
 1425 N COURTHOUSE RD, ARLINGTON, VA 22201

PROJECT NO:	563007
DATE:	October 28, 2022
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REFLECTED CEILING PLAN

**TWELFTH FLOOR REFLECTED CEILING PLAN**  
 1/8" = 1'-0"

J  
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A

1 2 3 4 5 6 7 8 9 10

10/28/2022 1:09:52 PM

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### ABBREVIATIONS

@	AT	EWC	ELECTRIC WATER COOLER	OSD	OPEN SITE DRAIN
AAV	AIR ADMITTANCE VALVE	EWH	ELECTRIC WATER HEATER	PC	PRECAST
ABV	ABOVE	EXP	EXISTING	PCF	POUNDS PER CUBIC FOOT
AC-X	AIR COMPRESSOR DESIGNATION	EXP	EXPANSION	PD	PUMP DISCHARGE
ADJ	ADJUSTABLE	FCO	FLOOR CLEANOUT	PLUMB	PLUMBING
ADNL	ADDITIONAL	FD	FLOOR DRAIN	PLYWD	PLYWOOD
AFF	ABOVE FINISHED FLOOR	FDG	FIRE DEPARTMENT CONNECTION	POLY	POLYETHYLENE
AFG	ABOVE FINISHED GRADE	FDM	FOUNDATION DRAIN	PP	PRESSURE PRESERVATIVE TREATED
AHU	AIR HANDLING UNIT	FF	FINISHED FLOOR	PFAB	PREFABRICATED
ALT	ALTERNATE	FFE	FINISHED FLOOR ELEVATION	PROJ	PROJECT
ALUM	ALUMINUM	FG	FINISHED GRADE	PSF	POUNDS PER SQUARE FOOT
AP	ACCESS PANEL	FH	FIRE HYDRANT	PSI	POUNDS PER SQUARE INCH
APPR	APPROXIMATE	FHC	FIRE HOSE CABINET	PV	PROPANE VENT
ARCH	ARCHITECTURAL	FHS	FIRE HOSE STATION	PVC	POLYVINYL CHLORIDE
AUTO	AUTOMATIC	FHVC	FIRE HOSE VALVE CABINET	PVMT	PAVEMENT
AVG	AVERAGE	FIX	FIXTURE	R	RISER
BFF	BELOW FINISHED FLOOR	FLR	FLOOR	RAD	RADIUS
BFG	BELOW FINISHED GRADE	FLSHG	FLASHING	RCP-X	RECIRCULATION PUMP DESIGNATION
BLDG	BUILDING	FOR	FUEL OIL RETURN	RO	ROUGH
BO	BOTTOM OF	FOS	FUEL OIL SUPPLY	RDS	ROUGH OPENING
BOT	BOTTOM	FOV	FUEL OIL VENT	RFD	ROUGH OPENING
BSMT	BASEMENT	FS	FLOOR SINK	RDG	RADIUM
BTWN	BETWEEN	FT	FOOT OR FEET	REQM	REQUIREMENTS
CA	COMPRESSED AIR	FVC	FIRE VALVE CABINET	RL	RAIN LEADER
CI	CAST IRON	G	GAS	RM	ROOM
CIP	CAST-IN-PLACE CONCRETE	GCO	GRADE CLEANOUT	RO	ROUGH OPENING
CL	CLASSROOM	GHV	GAS WATER HEATER	RQV	RADIUM VENT
CLG	CEILING	HB	HOSE BIBB	S	SOUTH
CLR	CLEAR	HORIZ	HORIZONTAL	SAN	SANITARY
CMP	CORRUGATED METAL PIPE	HP	HORSEPOWER	SCH	SCHEDULE
CNTR	CENTRER	HR-X	HOSE REEL DESIGNATION	SD	STORM DRAINAGE PIPING
CO	CLEANOUT	HGT	HEATING	SDN	STORM DRAIN NOZZLE
COL	COLUMN	HW	HOT WATER	SF	SQUARE FOOT/FEET
CONC	CONCRETE	HWR	HOT WATER RETURN	SHT	SHEET
CONDS	CONDENSATE	HWS	HOT WATER SUPPLY	SIM	SIMILAR
CONSTR	CONSTRUCTION	ID	INSIDE DIAMETER	SLT	SEALANT
CONT	CONTINUATION	IN	INCH	SGO	SLAB ON GRADE
CONTR	CONTRACT(-OR)	INSUL	INSULATE OR INSULATION	SP	SUMP PUMP
CORR	CORRIDOR	INV	INVERT	SPEC	SPECIFICATION
CP	CIRCULATING PUMP	JAN	JANITOR	SPR	SPRINKLER
CR	CLASSROOM	KIT	KITCHEN	SQ	SQUARE
CT	COOLING TOWER	KW	KITCHEN WASTE	SRD	SECONDARY ROOF DRAIN
CU	COPPER	LAB	LABORATORY	SS	STAINLESS STEEL
CU FT	CUBIC FEET	LAV	LAVATORY	SSD	SECONDARY STORM DRAINAGE PIPING
CU YD	CUBIC YARD	LBS	POUNDS	STD	STANDARD
CW	COLD WATER	LF	LINEAR FOOT (FEET)	STL	STEEL
DB	DRY BULB	LP	PROPANE	STOR	STORAGE
DCW	DOMESTIC COLD WATER	LPV	PROPANE VENT	STRUCT	STRUCTURE
DEMO	DEMOLISH OR DEMOLITION	MATL	MATERIAL	SUSP	SUSPENDED
DF	DRINKING FOUNTAIN	MAX	MAXIMUM	TD	TRENCH DRAIN
DHR	DOMESTIC HOT WATER RETURN	MECH	MECHANICAL	THK	THICK(-NESS)
DHR(140)	DOMESTIC HOT WATER RETURN (140")	MED	MEDIUM	TLT	TYPICAL
DHW	DOMESTIC HOT WATER	MFR	MANUFACTURER	TMV	THERMOSTATIC MIXING VALVE
DHW(140)	DOMESTIC HOT WATER (140")	MH	MANHOLE	TOSL	TOP OF SLAB
DI	DROP INLET	MIN	MINIMUM	TW	DOMESTIC TEMPERED WATER (90° F)
DIA	DIAMETER	MISC	MISCELLANEOUS	TYG	TYPICAL
DIP	DUCTILE IRON PIPE	MTD	MOUNTED	UG	UNDERGROUND
DN	DOWN	N	NORTH	UNO	UNLESS NOTED (INDICATED) OTHERWISE
DR-X	COMPRESSED AIR DRYER DESIGNATION	N/A	NOT APPLICABLE/AVAILABLE	V	VENT
DS	DOWNSPOUT	NC	NORMALLY CLOSED	VAC	VACUUM
DT	DRAIN TILE	NG	NATURAL GAS	VB	VACUUM BREAKER
DTL	DETAIL	NGV	NATURAL GAS VENT	VERT	VERTICAL
DTW	DOMESTIC TEMPERED WATER	NIC	NOT IN CONTRACT	VTR	VENT THROUGH ROOF
DWG	DRAWING	NO	NORMALLY OPEN	W	WEST
DWP	DOMESTIC WATER BOOSTER PUMP	NO. (#)	NUMBER	W	WITH
E	EAST	NOM	NOMINAL	WO	WITHOUT
ED	EMERGENCY SECONDARY ROOF DRAIN	OC	ON CENTER	WB	WATER HAMMER ARRESTER
ELEC	ELECTRICAL	OD	OUTSIDE DIAMETER	WC	WATER CLOSET
ELEV	ELEVATION	OPCI	OWNER FURNISHED CONTRACTOR INSTALLED	WCO	WALL CLEANOUT
EPBD	ELECTRICAL PANELBOARD	OFF	OFFICE	WHP	WATER SOURCE HEAT PUMP
EQ	EQUAL	OH	OVERHEAD	WWF	WELDED WIRE FABRIC
EQUIP	EQUIPMENT	OPNG	OPENING	WWM	WELDED WIRE MESH
ETR	EXISTING TO REMAIN	OPP	OPPOSITE	XFMR	TRANSFORMER

### GRAPHICS SYMBOLS LEGEND

	X' XXX		POINT OF CONNECTION TO EXISTING
	FLOW IN DIRECTION OF ARROW		LIMIT OF DEMOLITION
	PITCH DOWN IN DIRECTION OF ARROW AT INDICATED SLOPE		KEYNOTE
	PIPE CAP		STRUCTURAL GRID LINE WITH DESIGNATION
	PIPE TURNED DOWN		SPACE IDENTIFICATION TAG
	PIPE TURNED UP		SPACE NUMBER
	PIPE TEE UP		BUILDING AREA (WHEN USED)
	PIPE TEE DOWN		EQUIPMENT IDENTIFICATION TAG
	UNION		EQUIPMENT NUMBER
	CONCENTRIC PIPE REDUCTION		UNIT DESIGNATION
	END OF LINE CLEANOUT PLUG		SECTION WHERE CUT
	FLOOR CLEANOUT		DRAWING WHERE SECTION IS INDICATED
	WALL CLEANOUT		ENLARGED PLAN WHERE CUT
	YARD CLEANOUT (CLEANOUT TO GRADE)		DRAWING WHERE ENLARGED PLAN IS INDICATED
	FLOOR DRAIN WITH TAG		DETAIL TAG
	FLOOR SINK WITH TAG		DETAIL NUMBER
	PRESSURE GAUGE WITH GAUGE COCK		DRAWING WHERE DETAIL IS INDICATED
	LIQUID FILLED THERMOMETER		SANITARY RISER TAG
	WATER HAMMER ARRESTOR (PLUMBING & DRAINAGE INSTITUTE SIZE INDICATED)		SANITARY RISER IDENTIFIER
	FLOW SWITCH		DRAWING WHERE SANITARY RISER IS TAGGED
	TEMPERATURE/PRESSURE PLUG		DOMESTIC RISER TAG
	VALVE		DOMESTIC RISER IDENTIFIER
	VALVE IN RISER		DRAWING WHERE DOMESTIC RISER IS TAGGED
	GAS COCK		DETAIL TITLE
	VENTURI FLOW METER		DETAIL NUMBER
	MANUAL BALANCING VALVE		DRAWING WHERE DETAIL IS INDICATED
	AUTOMATIC BALANCING VALVE WITH FLOW TAPS		ADDITIONAL DRAWING REFERENCES
	SWING CHECK VALVE		SANITARY RISER DIAGRAM
	PRESSURE REDUCING VALVE		DRAWING WHERE SANITARY RISER IS INDICATED
	SOLENOID OPERATED VALVE		DRAWING WHERE SANITARY RISER IS TAGGED
	TEMPERATURE AND PRESSURE RELIEF VALVE		DOMESTIC RISER DIAGRAM
	BACKWATER VALVE		DRAWING WHERE DOMESTIC RISER IS INDICATED
	HOSE BIBB OR WALL HYDRANT		DRAWING WHERE DOMESTIC RISER IS TAGGED
	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER		FUEL GAS RISER DIAGRAM
	DOUBLE CHECK BACKFLOW PREVENTER		DRAWING WHERE FUEL GAS RISER IS INDICATED
	PUMP		DRAWING WHERE FUEL GAS RISER IS TAGGED

### PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	HEIGHT A.F.F.	PIPE SIZE				NOTES
			COLD WATER	HOT WATER	VENT	SOIL WASTE	
BFS-1	BOTTLE FILLING STATION SURFACE MOUNT	TRAY AT 34 7/16" A.F.F.	1/2"	1 1/2"	1 1/2"	1 1/4"	1,2
SK-1	SINK - SINGLE BASIN	COUNTER MOUNTED REFER TO ARCH DWGS	1/2"	1/2"	1 1/2"	1 1/2"	1
WSB-1	WATER SUPPLY BOX	CENTER AT 42"	1/2"				

**NOTES:**

- THIS ACCESSIBLE FIXTURE, ACCESSORIES, AND INSTALLATION SHALL COMPLY TO ANSI A117.1 ACCESSIBLE AND USABLE BUILDING AND FACILITIES STANDARDS.
- PROVIDE REMOTE CHILLER UNDER COUNTER IN BREAKROOM 6 TO SERVE BOTH BREAKROOM 5 AND 6 BOTTLE FILLING STATIONS.

### GENERAL NOTES

- THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.
- COORDINATE PIPING LOCATIONS AND INSTALLATION WITH EACH TRADE TO AVOID CONFLICTS WITH OTHER TRADES.
- PROVIDE FLOOR CLEANOUTS INDICATED FLUSH WITH FLOOR FINISHES.
- PROVIDE CLEANOUTS WHERE INDICATED AND ADDITIONAL CLEANOUTS AS REQUIRED BY LOCAL CODE.
- REFER TO DRAWINGS FROM EACH DISCIPLINE BEFORE ROUGHING-IN PLUMBING FIXTURES.
- OBTAIN DIMENSIONS AND ROUTING IN FIELD BEFORE INSTALLATION OF PLUMBING AND FIXTURES.
- INSTALL ALL DRAINAGE PATTERN FITTINGS AND PIPING IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- PROVIDE ISOLATION VALVES IN ACCORDANCE WITH DIAGRAMS, DETAILS, AND DIVISION 22 SPECIFICATIONS.

PROJECT NO: 563007  
DATE: October 28, 2022

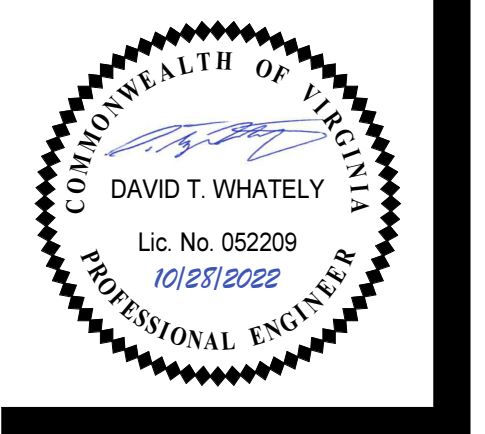
REVISIONS	
DATE	DESCRIPTION

LEGENDS, SCHEDULES AND GENERAL NOTES

# P0.1

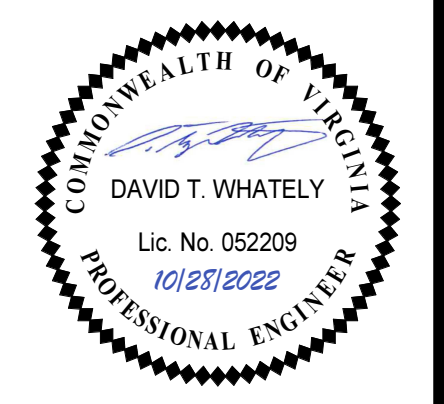
# MOSELEYARCHITECTS

5200 NORFOLK STREET, RICHMOND, VA 23230  
PHONE (804) 784-7550 FAX (804) 355-5690  
MOSELEYARCHITECTS.COM

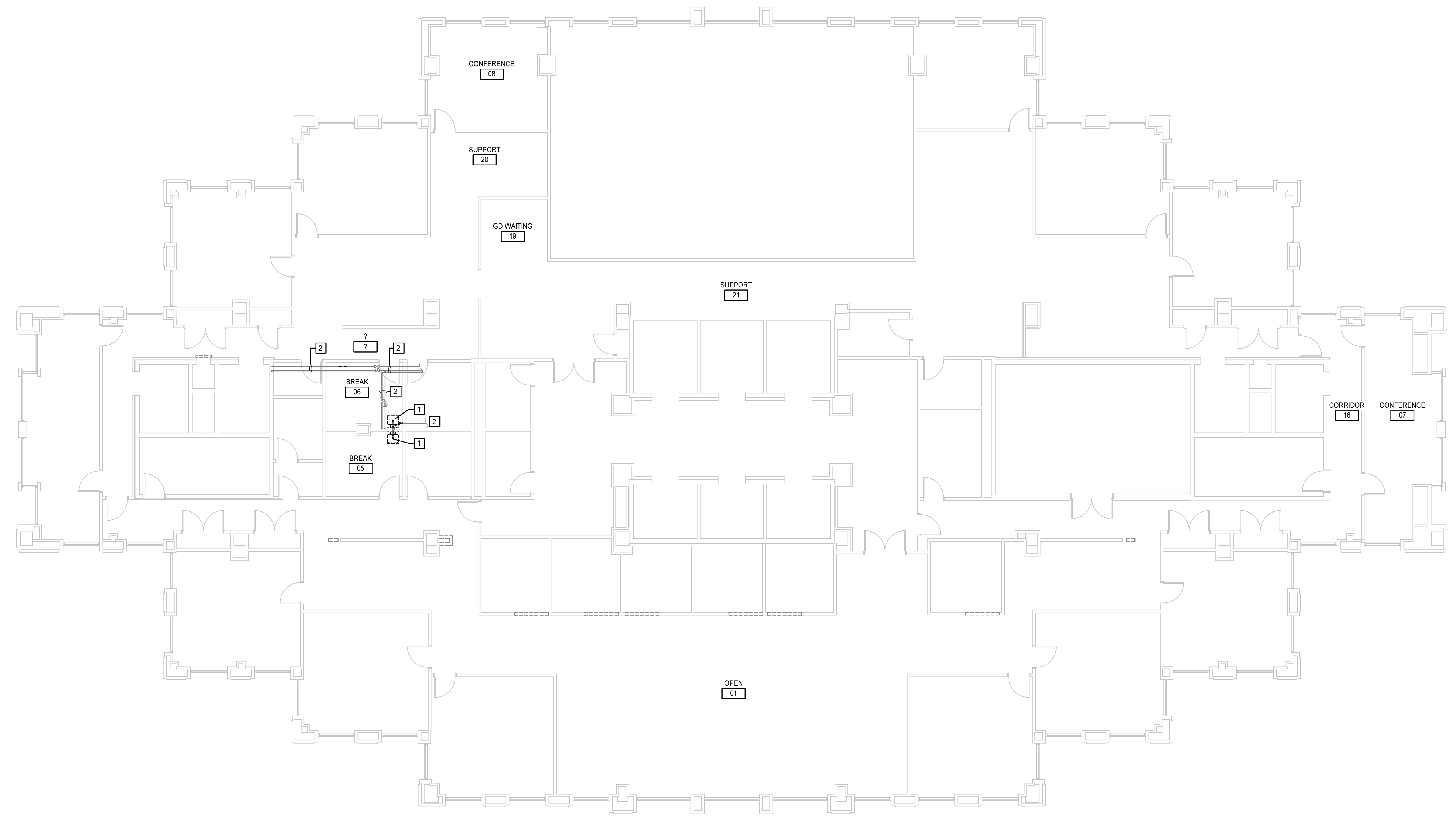


ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION

563007  
ARLINGTON COUNTY, VIRGINIA  
1425 N COURTHOUSE RD, ARLINGTON, VA 22201



KEYNOTES	
APPLIES TO THIS DRAWING	
1	REMOVE EXISTING KITCHEN SINK, FITTINGS AND ALL ACCESSORIES BACK TO WALL OPENING. PREPARE AND TEMPORARILY CAP ALL PIPING FOR NEW SINKS.
2	EXISTING PIPE TO REMAIN.



**DEMOLITION 12TH FLOOR PLAN - PLUMBING**  
 1/8" = 1'-0"

PROJECT NO: 563007	
DATE: October 28, 2022	
REVISIONS	
DATE	DESCRIPTION



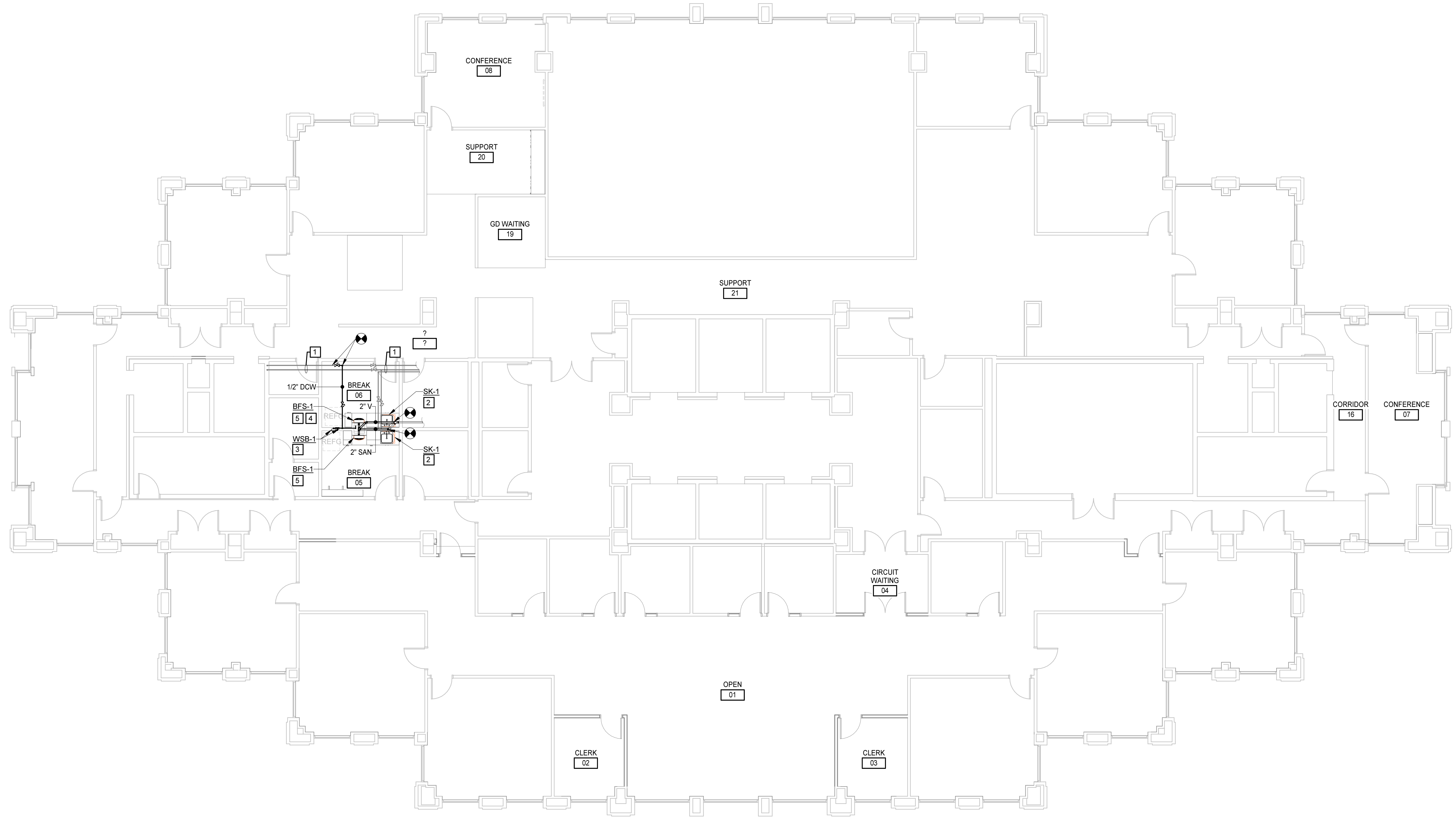


**GENERAL NOTES**

EXISTING PIPING IS FROM HANSEN LIND MEYER INC. PERMIT SET 11/18/1991 PLANS. CONTRACTOR SHALL FIELD VERIFY.

CONTRACTOR SHALL MAKE ADJUSTMENT TO EXISTING SPRINKLER HEADS IF THEY ARE IN CONFLICT WITH NEW LIGHTING OR NEW DIFFUSERS.

- KEYNOTES**  
 APPLIES TO THIS DRAWING
- 1 EXISTING DCW AND DHW
  - 2 RECONNECT EXISTING 1/2" DCW, 1/2" DHW AND 2" SAN TO NEW SINK.
  - 3 1/2" DCW TO WSB-1.
  - 4 1/2" DCW DN TO REMOTE CHILLER UNDER COUNTER. CHILLER SERVES BOTH BREAKROOM 5 AND 6 BOTTLE FILLER STATIONS. INSTALL PER MANUFACTURER RECOMMENDATIONS.
  - 5 2" SAN TO BFS-1.



**N**  
 NEW 12TH FLOOR PLAN - PLUMBING  
 1/8" = 1'-0"

**ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION**

563007  
 ARLINGTON COUNTY, VIRGINIA  
 1425 N COURTHOUSE RD, ARLINGTON, VA 22201

PROJECT NO:	563007
DATE:	October 28, 2022
REVISIONS	
DATE	DESCRIPTION

NEW 12TH FLOOR PLAN  
 - PLUMBING

**VARIABLE VOLUME TERMINAL UNIT SCHEDULE(HW)**

TAG	MANUFACTURER	MODEL NUMBER	PRIMARY AIR			FAN			HOT WATER COIL				ELECTRICAL DATA									WEIGHT (LBS)	NOTES		
			INLET DIAMETER (IN)	MAXIMUM AIR FLOW (CFM)	MINIMUM AIR FLOW (CFM)	AIRFLOW (CFM)	ESP (IN WC)	MOTOR (HP)	DESIGN AIRFLOW (CFM)	CAPACITY (BTUH)	EAT (°F)	LAT (°F)	FLOWRATE (GPM)	WATER PRESSURE DROP (FT WC)	AIR PRESSURE DROP (IN WC)	EWI (°F)	LWT (°F)	ROWS (NO)	MCA (A)	MCCP (A)	V			PH	HZ
VAV-1229	TITUS	DTQP	8	300	75	150	0.80	.17	225	9,200	56.0	93.5	0.6	0.09	0.30	180	149.0	1	1.6	15	277	1	80	171	1.2,3,4
VAV-1297 (EX)	TITUS	DTQP	10	410	110	300	0.80	.25	300	17,500	56.0	93.0	1.8	2.00	0.30	180	160.0	2	0.0	0	277	1	80	0	5

NOTES:  
 1. PROVIDE ACCESS DOOR THROUGH BOTTOM OF UNIT.  
 2. PROVIDE INTEGRAL DISCONNECT SWITCH.  
 3. PROVIDE PRESSURE INDEPENDENT CONTROL VALVE.  
 4. CONTROLLER SHALL MATCH EXISTING UNIT.  
 5. VARIABLE VOLUME TERMINAL IS EXISTING TO REMAIN. INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.

**GRILLE, REGISTER, & DIFFUSER SCHEDULE**

TAG	MANUFACTURER	MODEL NUMBER	MOUNTING STYLE	NECK SIZE	FACE SIZE	MAX NC LEVEL	NOTES
S1	TITUS	TMSA	LAY-IN	8	24X24	20	

**ABBREVIATIONS**

A AMPERE(S)  
 AD ACCESS DOOR  
 AFF ABOVE FINISHED FLOOR  
 ALT ALTERNATE  
 APD AIR PRESSURE DROP  
 BHP BRAKE HORSEPOWER  
 BTUH BRITISH THERMAL UNITS PER HOUR  
 CFM CUBIC FEET PER MINUTE  
 CHWR CHILLED WATER RETURN  
 CHWS CHILLED WATER SUPPLY  
 CLG COOLING  
 COM COMMON  
 CWR CONDENSER WATER RETURN  
 CWS CONDENSER WATER SUPPLY  
 D DRAIN  
 DB DRY BULB TEMPERATURE  
 dB A-WEIGHTED DECIBELS  
 DCW DOMESTIC COLD WATER  
 DIA DIAMETER  
 DN DOWN  
 DWG DRAWING  
 EA EXHAUST AIR  
 EAT ENTERING AIR TEMPERATURE  
 EER ENERGY EFFICIENCY RATIO  
 EQ EQUAL  
 ESP EXTERNAL STATIC PRESSURE  
 EWT ENTERING WATER TEMPERATURE  
 EX EXISTING  
 F DEGREES FAHRENHEIT  
 FC FAIL CLOSED  
 FD FIRE DAMPER  
 FLA FULL LOAD AMPS  
 FO FAIL OPEN  
 FPM FEET PER MINUTE  
 FT FOOT, FEET  
 GA GAUGE  
 GAL GALLONS  
 GPH GALLONS PER HOUR  
 GPM GALLONS PER MINUTE  
 HP HEAT PUMP WATER RETURN  
 HPWR HEAT PUMP WATER SUPPLY  
 HTG HEATING  
 HWR HOT WATER RETURN  
 HWS HOT WATER SUPPLY  
 HX HEAT EXCHANGER  
 HZ HERTZ  
 IN INCH  
 IPLV INTEGRATED PART-LOAD VALUE  
 KW KILOWATT(S)  
 LBT POUNDS  
 LWT LEAVING WATER TEMPERATURE  
 MAX MAXIMUM  
 MBH ONE THOUSAND BTUH  
 MCA MINIMUM CIRCUIT AMPACITY  
 MFR MANUFACTURER  
 MIN MINIMUM  
 MOPC MAXIMUM OVERCURRENT PROTECTION  
 MOD MOTOR-OPERATED DAMPER  
 NC NORMALLY CLOSED (FOR PLANS, DETAILS)  
 NC NOISE CRITERIA (FOR SCHEDULES)  
 NIC NOT IN CONTRACT  
 NO NORMALLY OPEN  
 OA OUTSIDE AIR  
 OC ON CENTER  
 OFCI OWNER FURNISHED CONTRACTOR INSTALLED  
 PH PHASE  
 PSIG POUNDS PER SQUARE INCH GAUGE  
 RA RETURN AIR  
 RD REFRIGERANT DISCHARGE  
 RH RELATIVE HUMIDITY  
 RL REFRIGERANT LIQUID  
 RPM REVOLUTIONS PER MINUTE  
 RS REFRIGERANT SUCTION  
 SA SUPPLY AIR  
 SEER SEASONAL ENERGY EFFICIENCY RATIO  
 TD TRANSFER DUCT  
 TYP TYPICAL  
 UNO UNLESS NOTED (INDICATED) OTHERWISE  
 V VOLTAGE, VOLTS  
 VAV VARIABLE VOLUME TERMINAL UNIT  
 WFD VARIABLE FREQUENCY DRIVE  
 W WATT(S)  
 W WITH  
 W/O WITHOUT  
 WBT WET BULB TEMPERATURE  
 WC WATER COLUMN  
 WC WATER PRESSURE DROP  
 WPD WELDED WIRE MESH

**GRAPHICS SYMBOLS LEGEND**

**SPACE IDENTIFICATION TAG**  
 SPACE NUMBER  
 BUILDING AREA (WHEN USED)

**EQUIPMENT IDENTIFICATION TAG**  
 EQUIPMENT NUMBER  
 UNIT DESIGNATION

**DIFFUSER, GRILLE OR REGISTER TAG**  
 TAG, REFER TO DIFFUSER, GRILLE AND REGISTER SCHEDULE  
 AIRFLOW (CFM)

**DETAIL TAG**  
 DETAIL NUMBER  
 DRAWING WHERE DETAIL IS INDICATED

**KEYNOTE**

**STRUCTURAL GRID LINE WITH DESIGNATION**

**EXISTING TO BE REMOVED**

**DETAIL TITLE**  
 DETAIL NUMBER  
 DRAWING WHERE DETAIL IS INDICATED  
 DRAWING WHERE DETAIL IS REFERENCED  
 ADDITIONAL DRAWING REFERENCES

**SECTION TITLE**  
 SECTION NUMBER  
 DRAWING WHERE SECTION IS INDICATED  
 DRAWING WHERE SECTION IS REFERENCED  
 ADDITIONAL DRAWING REFERENCES

**SECTION CALLOUT**  
 SECTION NUMBER  
 DRAWING WHERE SECTION IS INDICATED

**ENLARGED PLAN CALLOUT**  
 ENLARGED PLAN NUMBER  
 DRAWING WHERE ENLARGED PLAN IS INDICATED

**MECHANICAL EQUIPMENT WITH REQUIRED SERVICE CLEARANCE INDICATED**

**DUCTWORK LEGEND**

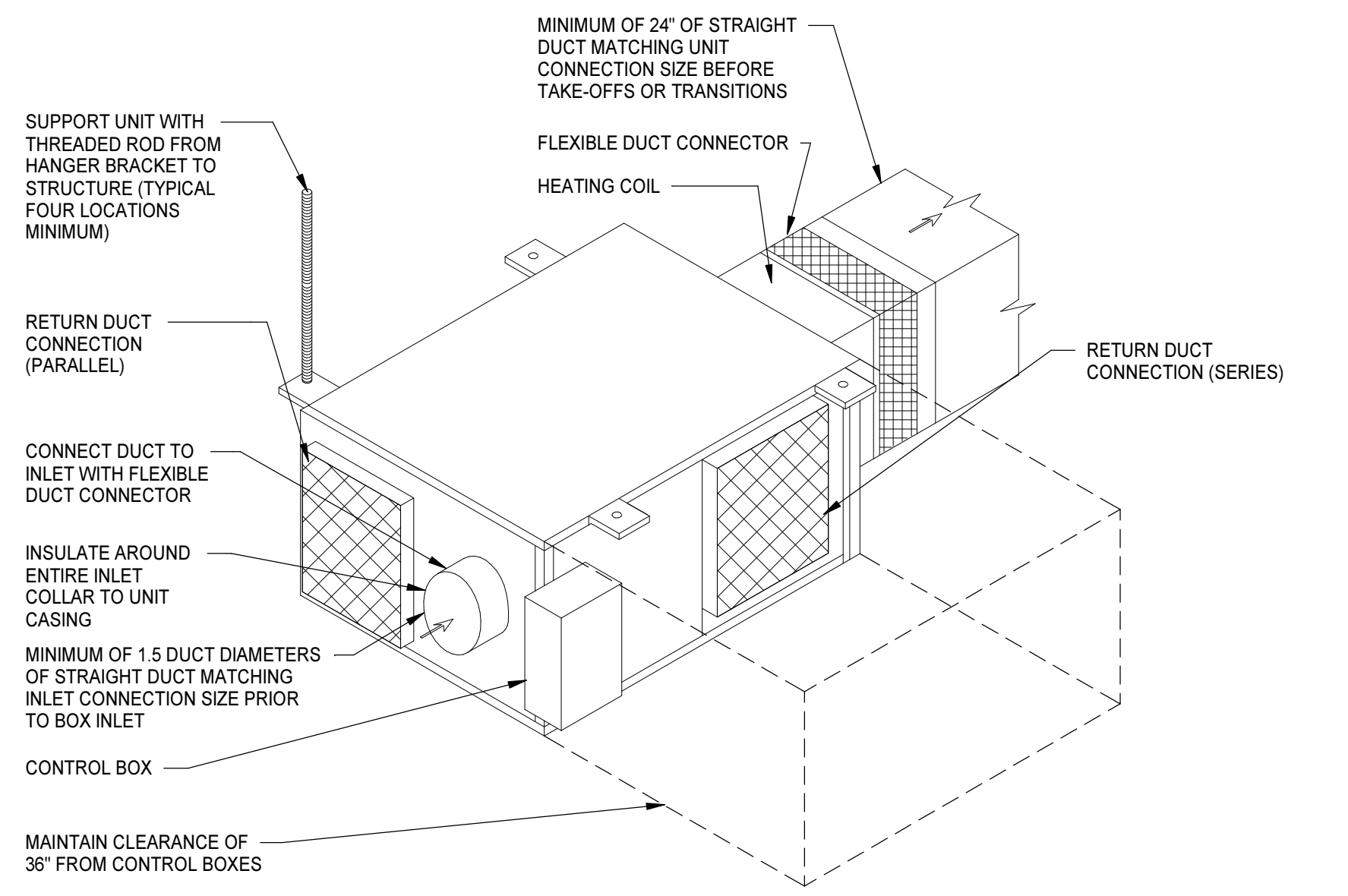
18x8 RECTANGULAR DUCT (FIRST DIMENSION REFERS TO SIDE VIEWED)  
 18ø ROUND DUCT SIZE  
 18x12 FLAT OVAL DUCT SIZE  
 18oa DOUBLE WALL, EXPOSED DUCT  
 18fa FABRIC DUCT  
 FLEXIBLE DUCTWORK  
 FLEXIBLE CONNECTOR  
 DUCT-MOUNTED SMOKE DETECTOR  
 DUCT WITH DUCT LINER  
 DUCT ACCESS DOOR  
 DUCT WITH END CAP  
 LINEAR SLOT DIFFUSER, LENGTH AS INDICATED  
 LINEAR BAR GRILLE, LENGTH AS INDICATED  
 SUPPLY DIFFUSER  
 RETURN OR EXHAUST GRILLE  
 SUPPLY DIFFUSER WITH DIRECTIONAL BLOW, SOLID HATCH INDICATES BLANK OFF PANEL  
 POINT OF CONNECTION TO EXISTING  
 LIMIT OF DEMOLITION  
 SUPPLY AIRFLOW ARROW  
 RETURN OR EXHAUST AIRFLOW ARROW

MANUAL BALANCING DAMPER IN DUCT  
 FIRE DAMPER IN DUCT  
 SMOKE DAMPER IN DUCT  
 COMBINATION FIRE/SMOKE DAMPER IN DUCT  
 MOTORIZED DAMPER IN DUCT  
 SMOKE CONTROL MANUAL BALANCING DAMPER IN DUCT  
 SMOKE CONTROL MOTORIZED DAMPER IN DUCT  
 SECURITY BARS IN DUCT  
 DUCT WITH ACCESS PANEL  
 SUPPLY/MAKEUP AIR DUCT SECTIONS  
 RETURN AIR DUCT SECTIONS  
 EXHAUST AIR DUCT SECTIONS  
 SMOKE DETECTOR  
 HUMIDITY SENSOR  
 THERMOSTAT, LINE VOLTAGE  
 THERMOSTAT, LOW VOLTAGE  
 TEMPERATURE SENSOR  
 CARBON DIOXIDE SENSOR  
 CARBON MONOXIDE SENSOR  
 SENSOR WELL  
 DOOR UNDERCUT  
 DOOR LOUVER

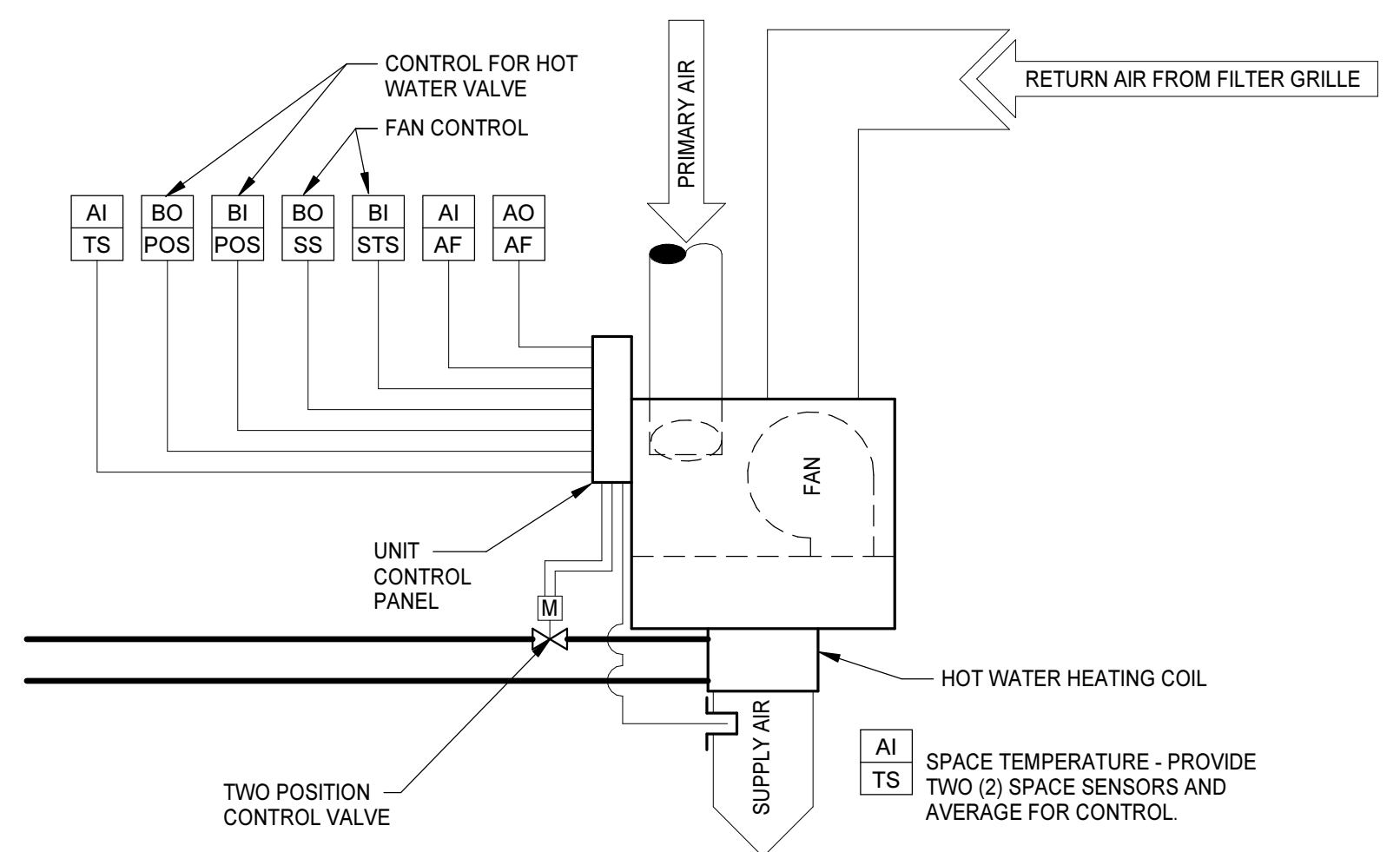
**PIPING LEGEND**

PIPE CAP  
 PIPE TURNED DOWN  
 PIPE TURNED UP  
 PIPE TEE UP  
 PIPE TEE DOWN  
 END OF LINE CLEANOUT PLUG  
 CLEANOUT PLUG  
 PRESSURE GAUGE WITH GAUGE COCK  
 LIQUID FILLED THERMOMETER  
 UNION  
 STRAINER WITH BLOWDOWN VALVE AND 3/4" HOSE END CONNECTION  
 FLEXIBLE PIPE CONNECTOR  
 MANUAL AIR VENT

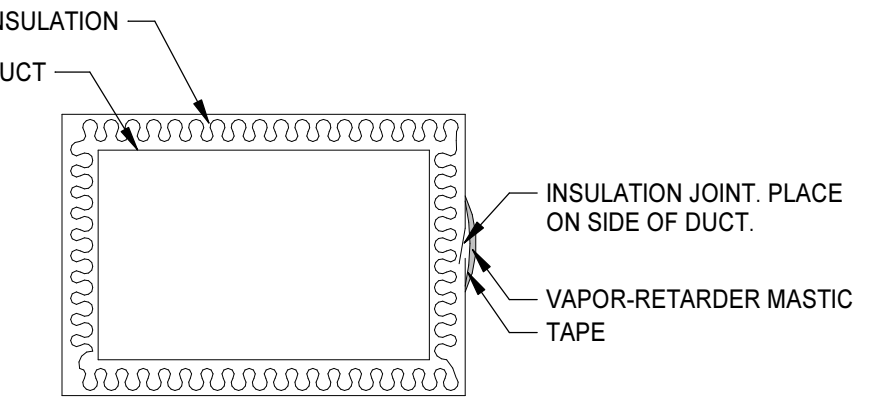
VALVE  
 VALVE IN RISER  
 MANUAL BALANCING VALVE WITH FLOW TAPS  
 AUTOMATIC BALANCING VALVE WITH FLOW TAPS  
 SWING CHECK VALVE  
 PRESSURE REDUCING VALVE  
 TRIPLE DUTY VALVE  
 GAS COCK  
 PRESSURE-RELIEF VALVE  
 TWO-WAY CONTROL VALVE  
 THREE-WAY CONTROL VALVE  
 DIRECTION OF FLOW  
 CONCENTRIC REDUCER  
 ECCENTRIC REDUCER



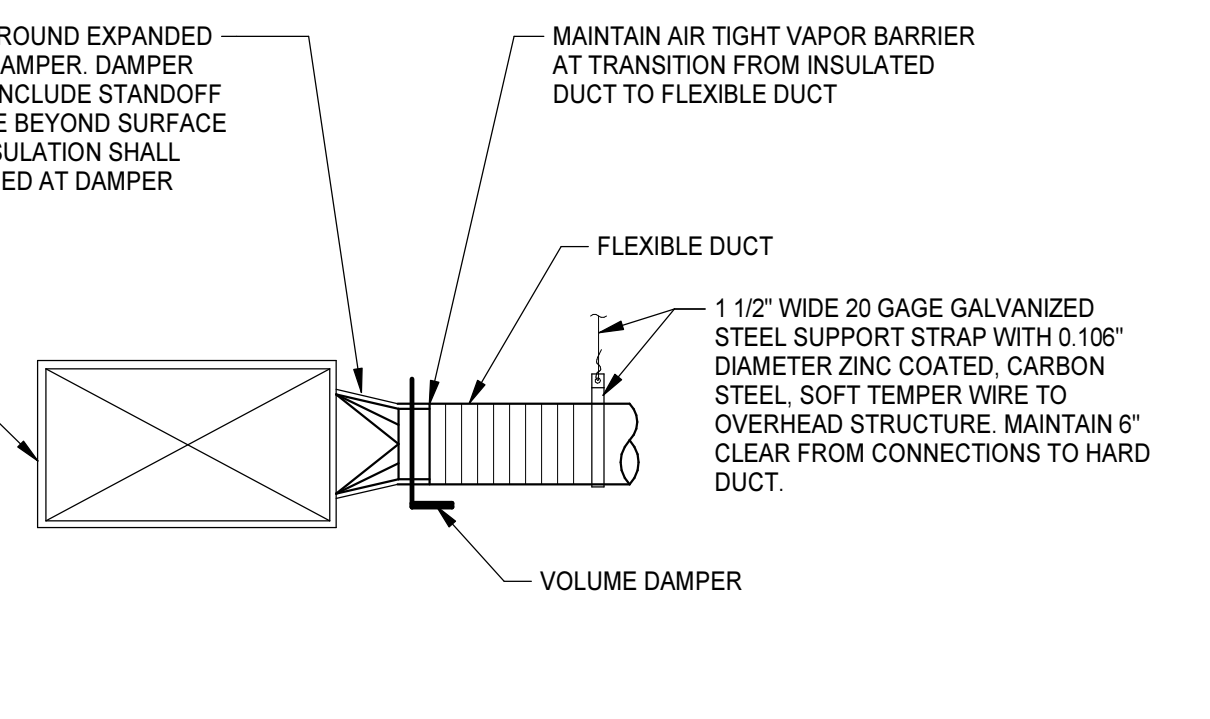
**FAN-POWERED VAV TERMINAL UNIT DETAIL**  
NO SCALE



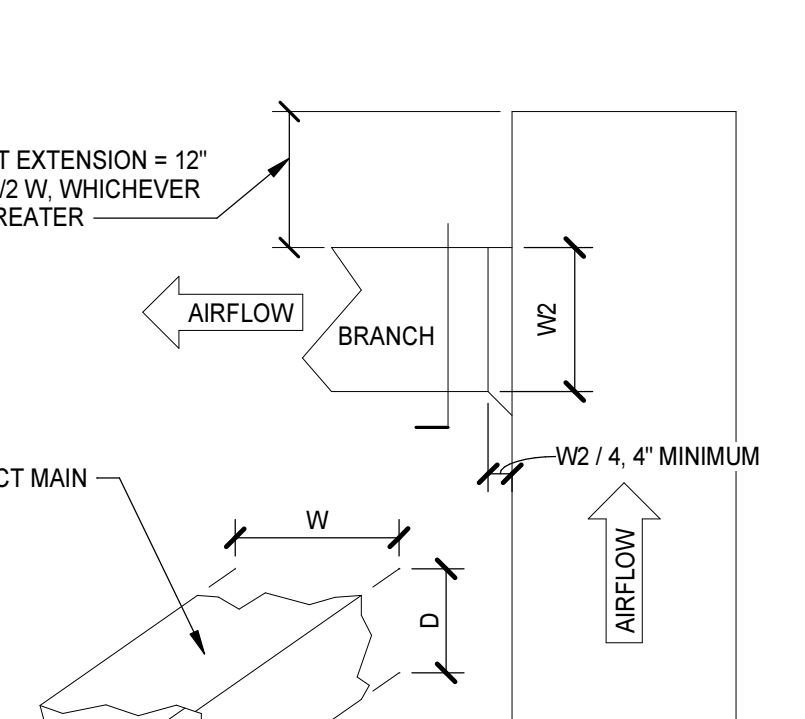
**PARALLEL FAN POWERED TERMINAL UNIT WITH ON-OFF HOT WATER HEATING COIL**



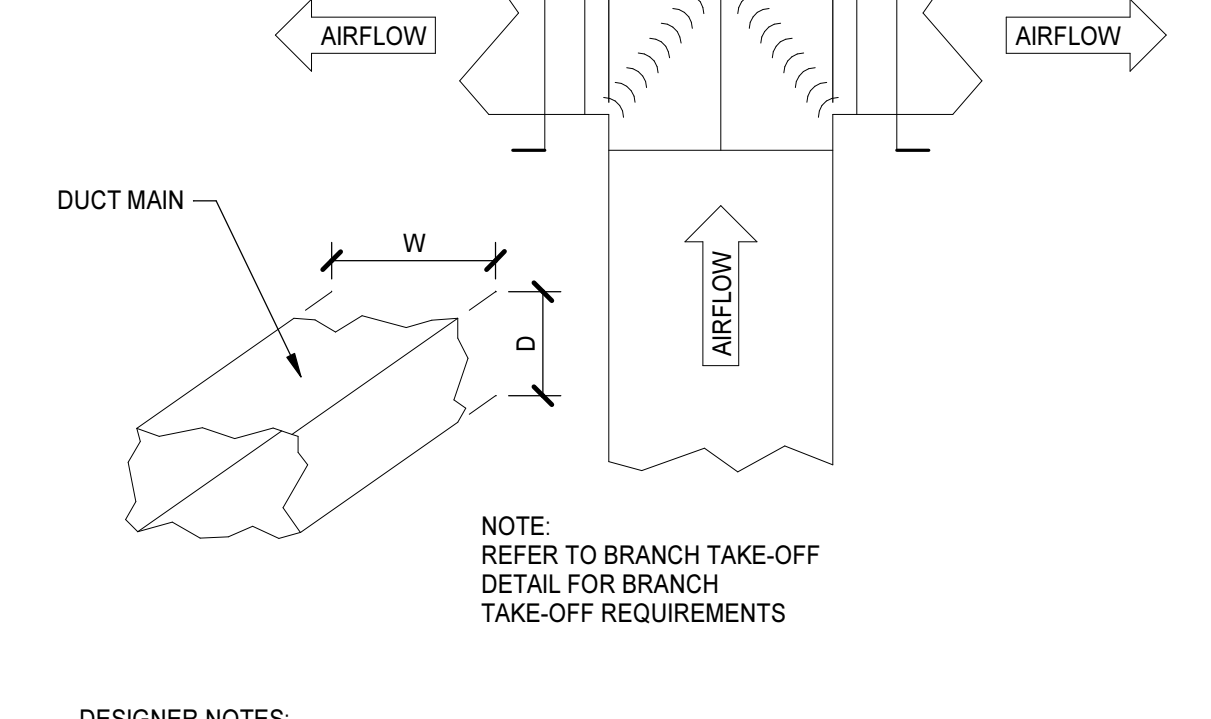
**DUCT INSULATION JOINT DETAIL**  
REFER TO SPECIFICATION SECTION 230700 FOR ADDITIONAL INFORMATION.



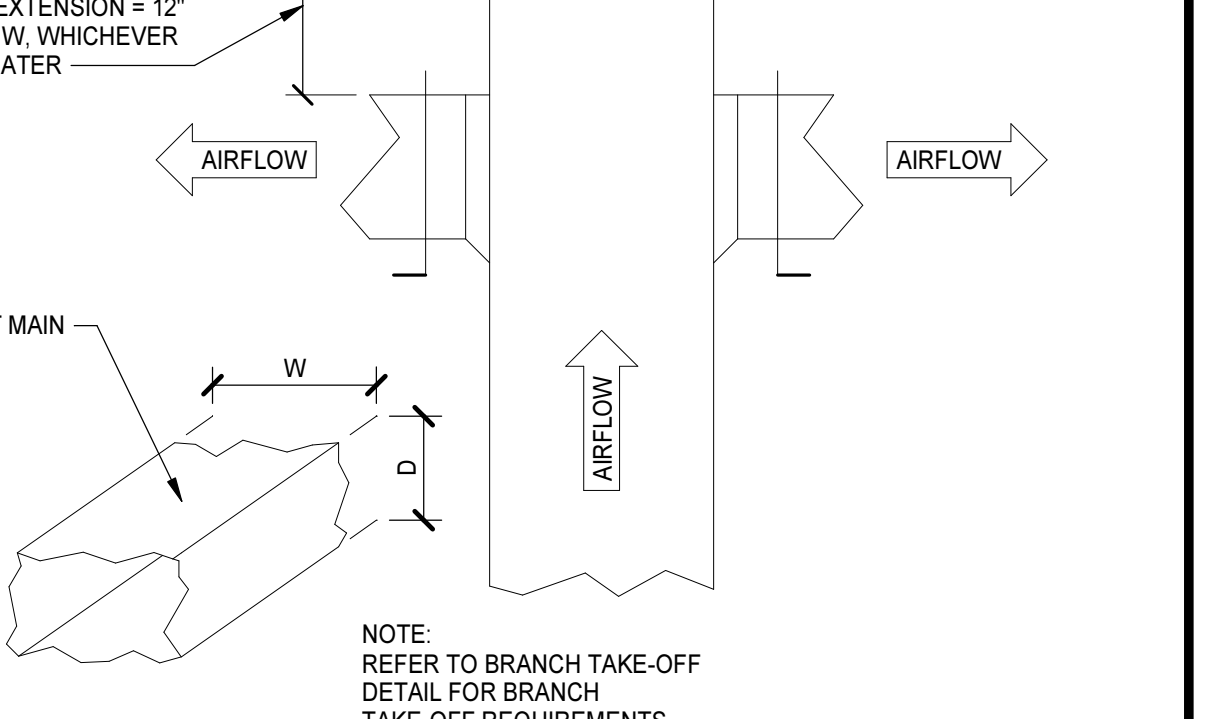
**BRANCH TAKEOFF TO DIFFUSER-SIDE**



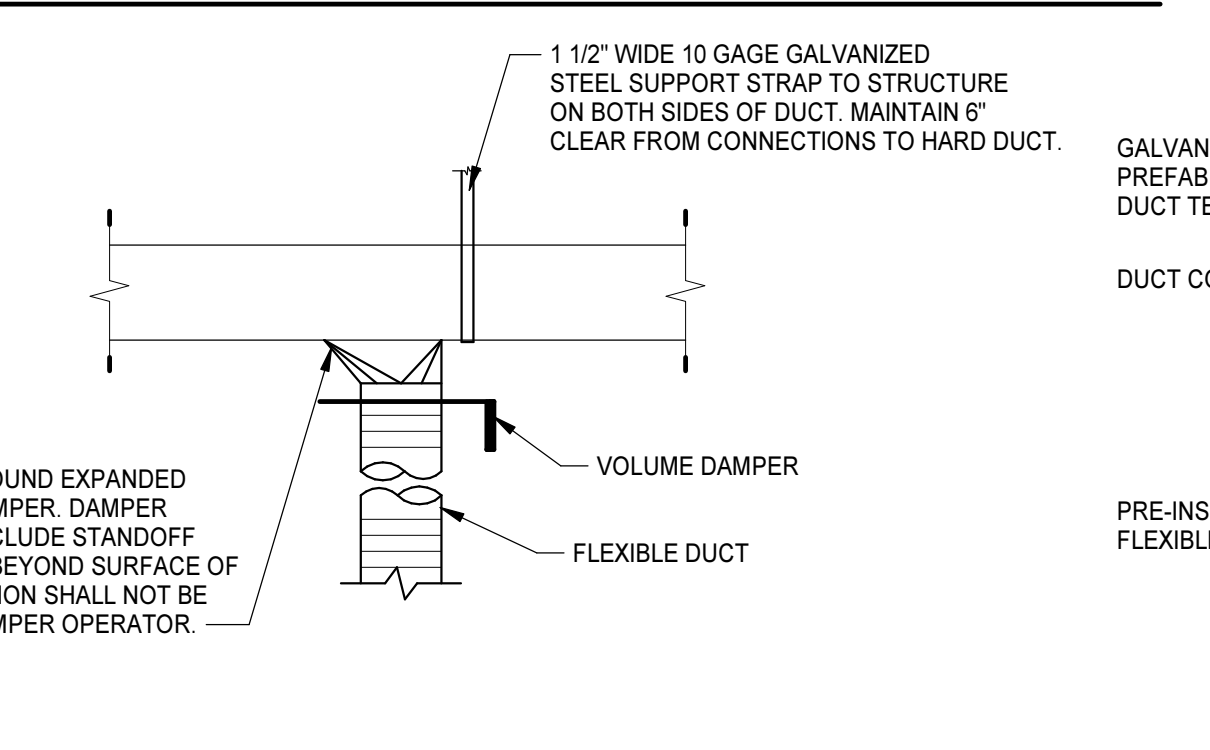
**DUCT END OF MAIN DETAIL**



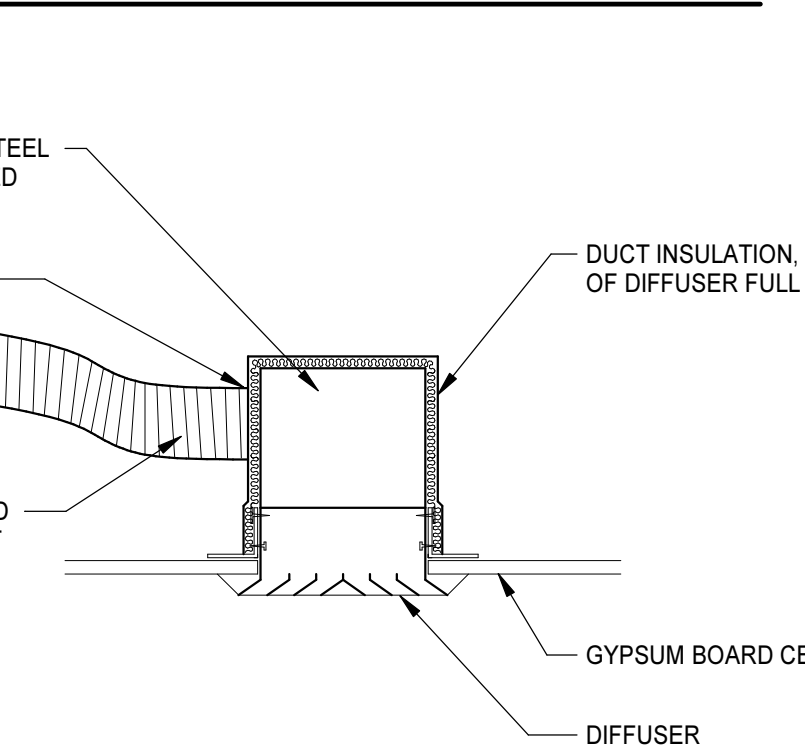
**DUCT SPLIT WITH VANES DETAIL**



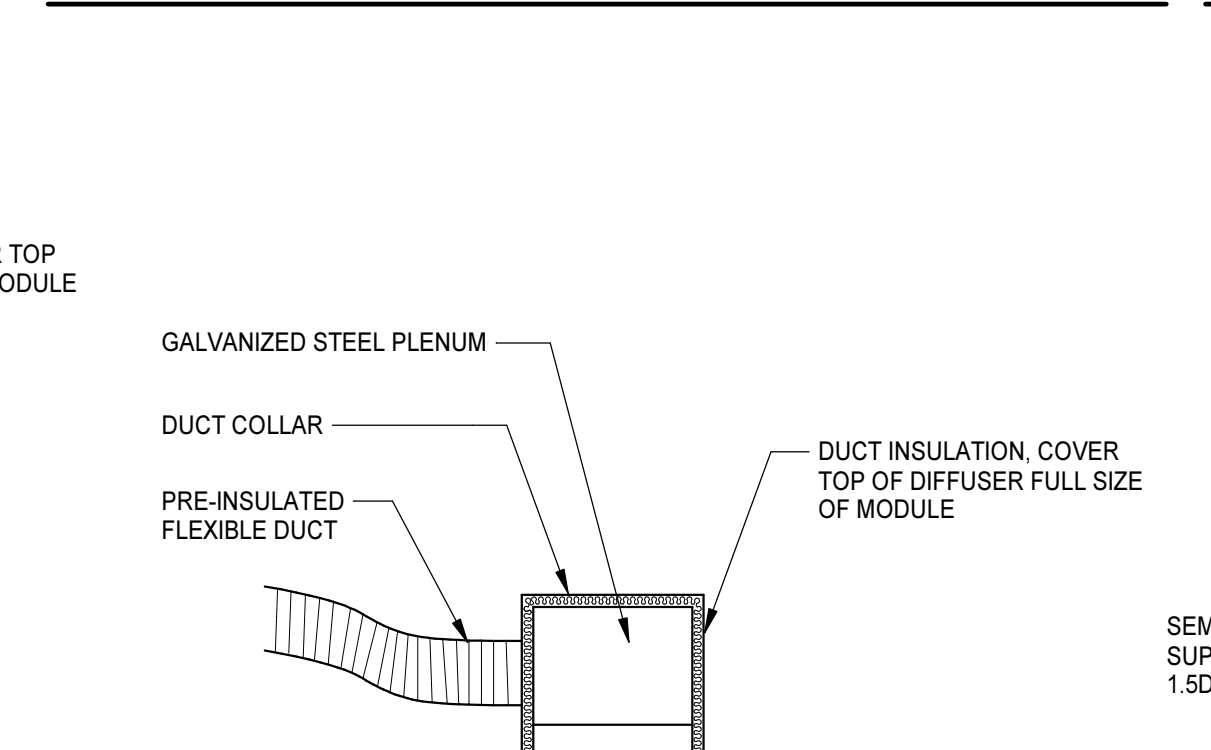
**DUCT SPLIT WITHOUT VANES DETAIL**



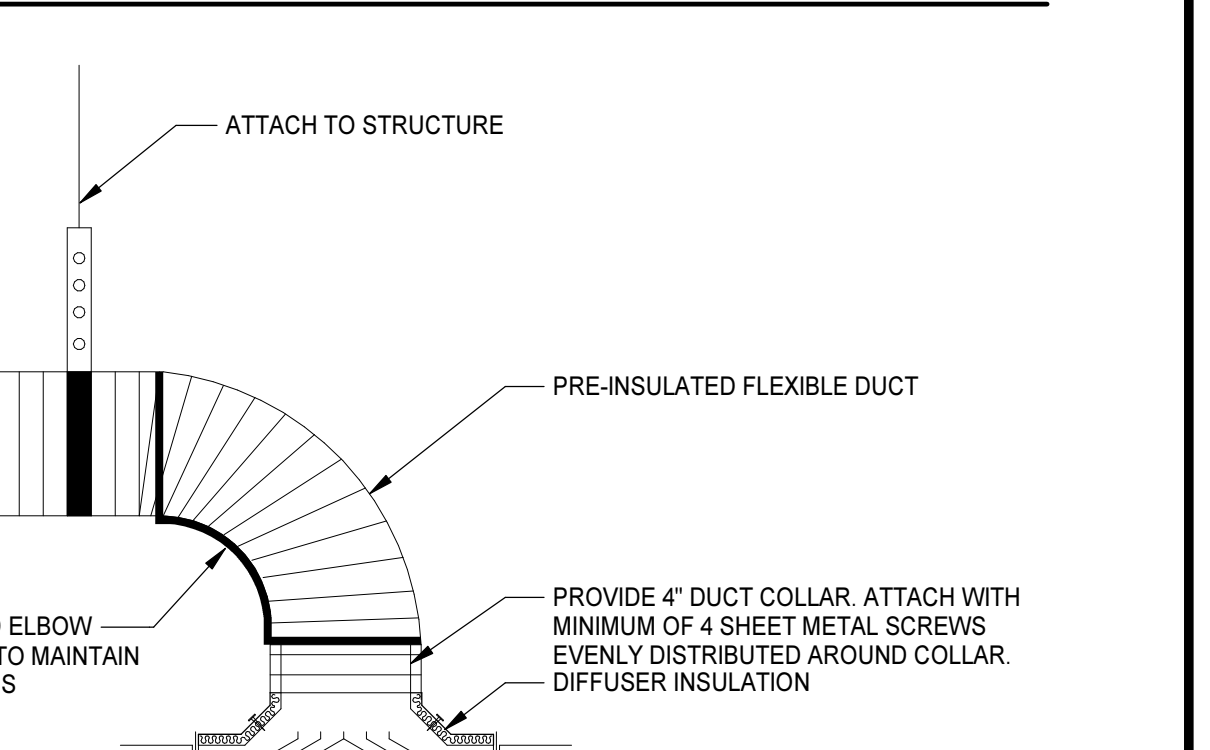
**BRANCH TAKEOFF TO DIFFUSER-BOTTOM**



**SUPPLY DIFFUSER CONNECTION GYP**



**SUPPLY DIFFUSER CONNECTION LAYIN**



**SUPPLY DIFFUSER CONNECTION LAYIN-COLLAR**

**GENERAL NOTES**

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

B. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. DO NOT SCALE DRAWINGS. LOCATIONS OF ALL ITEMS INDICATED ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE. COORDINATE CONTRACT DOCUMENTS PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS, MANUFACTURER'S REQUIREMENTS FOR INSTALLATION, OPERATION, AND MAINTENANCE. CONTRACTOR'S INTENDED MEANS AND METHODS OF INSTALLATION, AND INSTALLATION CONTRACTOR'S FABRICATED ITEMS TO ENSURE A PROPER FIT AND INSTALLATION.

C. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE. NOTIFY THE ARCHITECTS PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 7'-0" CLEARANCE ABOVE FINISHED FLOOR TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.

D. FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.

E. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.

F. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.

G. PROVIDE TRAPPED DRAIN PIPING FROM DRAIN PANS OF ALL COOLING COILS, FANS AND OTHER ACTIVE DRAINS EXPOSED TO SYSTEM AIRSTREAM. PROVIDE TRAP AT CONNECTION WITH WATER SEAL DEPTH ONE INCH GREATER THAN UNIT OPERATING PRESSURE. DIRECT DRAINS TO NEAREST FLOOR DRAIN, MOP SINK, OR OTHER LOCATION APPROVED BY THE ARCHITECT.

H. INSTALL PIPING, DUCTWORK, AND CONDUIT CONCEALED IN AREAS HAVING CEILING AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED.

I. ALL EQUIPMENT, VALVES, DAMPERS, DAMPER AND SERVICE OPERATORS SHALL BE PROVIDED WITH ADEQUATE ACCESS FOR SERVICING, MAINTENANCE, AND REPLACEMENT.

J. SIZE ALL SPLIT-SYSTEM REFRIGERANT PIPING IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

K. DUCT DIMENSIONS MAY BE MODIFIED ONLY WITH PRIOR APPROVAL FROM ARCHITECT. DUCT DIMENSIONS ARE IN INCHES AND INSIDE CLEAR.

L. FOR LOCATION OF REGISTER, GRILLES, AND DIFFUSERS WITHIN CEILING GRID, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.

M. ELEVATION INDICATED FOR RECTANGULAR DUCT, GRILLE AND LOUVER OPENINGS IS TO THE TOP OF ROUGH OPENING UNLESS OTHERWISE INDICATED. ELEVATION INDICATED FOR ROUND DUCTWORK AND PIPING IS TO CENTERLINE.

N. BRANCH PIPING RUNOUTS TO TERMINAL UNITS SHALL BE 3/4" DIAMETER UNLESS INDICATED OTHERWISE.

O. REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND MAXIMUM SPACING REQUIREMENTS REGARDING HANGER ATTACHMENTS TO STEEL BAR JOISTS.

**ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION**

**LEGENDS, SCHEDULES, DETAILS AND GENERAL NOTES**

PROJECT NO: 563007  
 DATE: October 28, 2022

DATE	REVISIONS	DESCRIPTION

ARLINGTON COUNTY, VIRGINIA  
 1425 COURTHOUSE RD, ARLINGTON, VA 22201

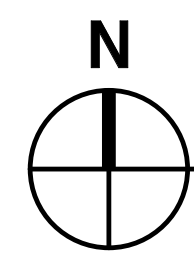
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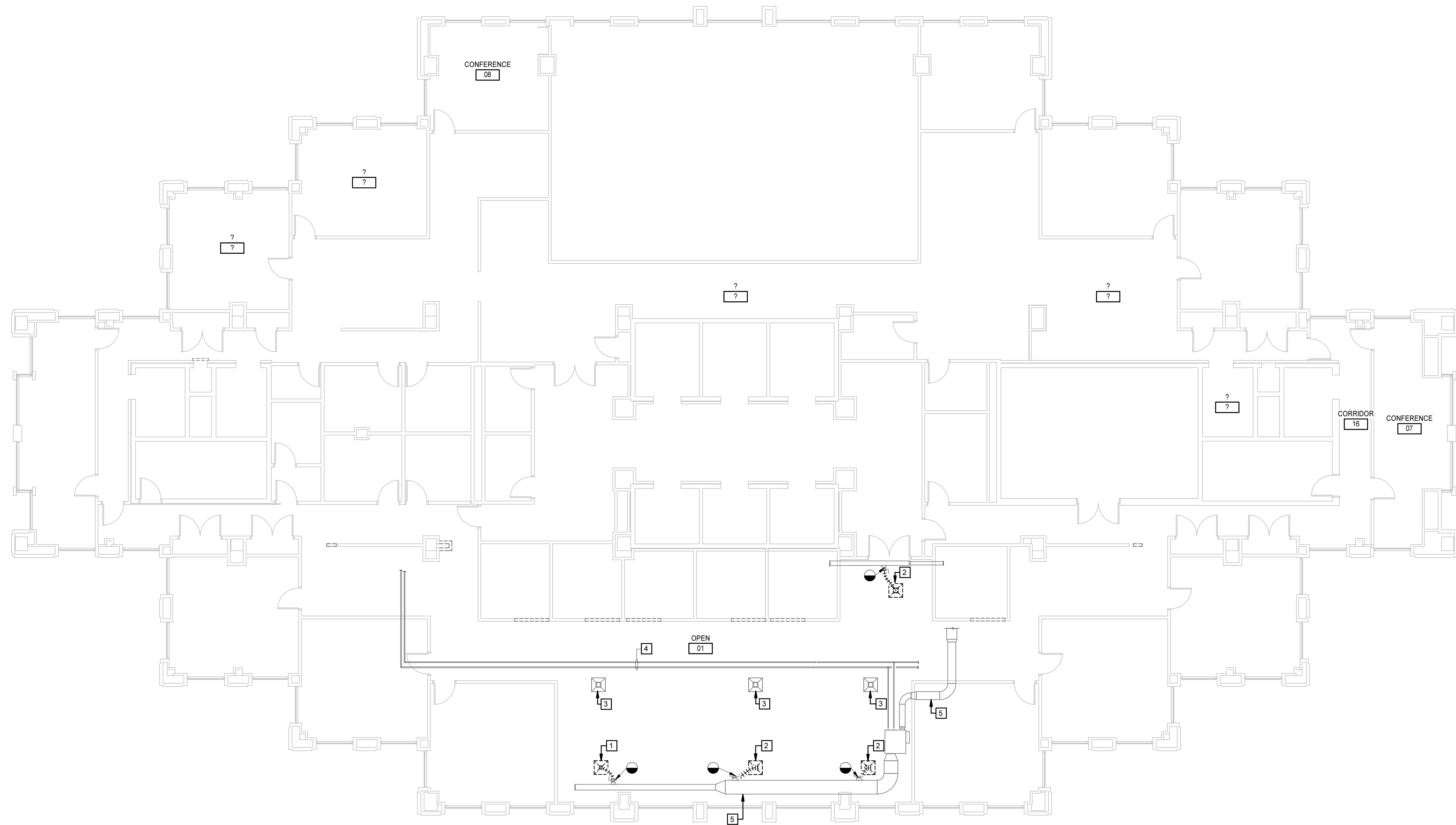
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**DEMOLITION 12TH FLOOR PLAN - MECHANICAL**

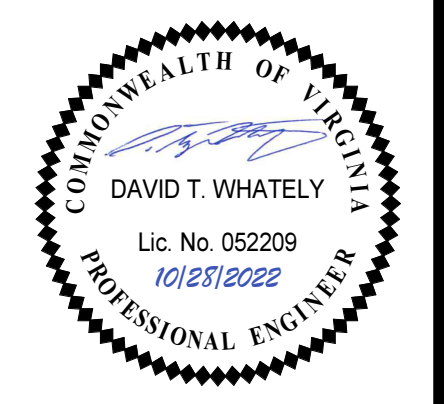
1/8" = 1'-0"



KEYNOTES	
APPLIES TO THIS DRAWING	
1	REMOVE, STORE, CLEAN AND PREPARE EXISTING GRILLE FOR REINSTALLATION AT NEW LOCATIONS. REMOVE EXISTING DUCT AS SHOWN AND CAP.
2	REMOVE, STORE, CLEAN AND PREPARE EXISTING GRILLE FOR REINSTALLATION AT NEW LOCATIONS. REMOVE EXISTING DUCT AS SHOWN AND TEMPORARY CAP AT MAIN.
3	EXISTING GRILLE TO REMAIN.
4	EXISTING PIPE TO REMAIN.
5	EXISTING DUCTWORK TO REMAIN.

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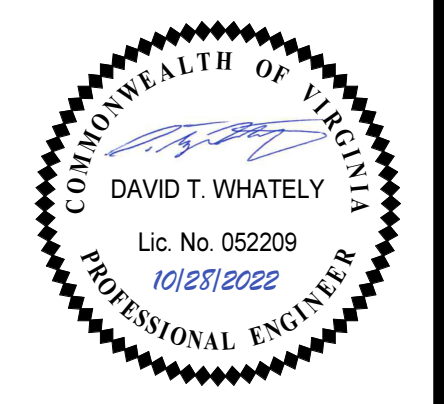
**ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION**

563007  
ARLINGTON COUNTY, VIRGINIA  
1425 COURTHOUSE RD., ARLINGTON, VA 22201

PROJECT NO:	563007
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DEMOLITION 12TH FLOOR - MECHANICAL

**M1.1**



**GENERAL NOTES**

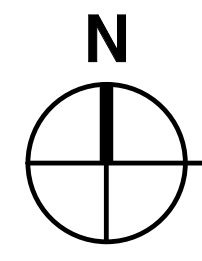
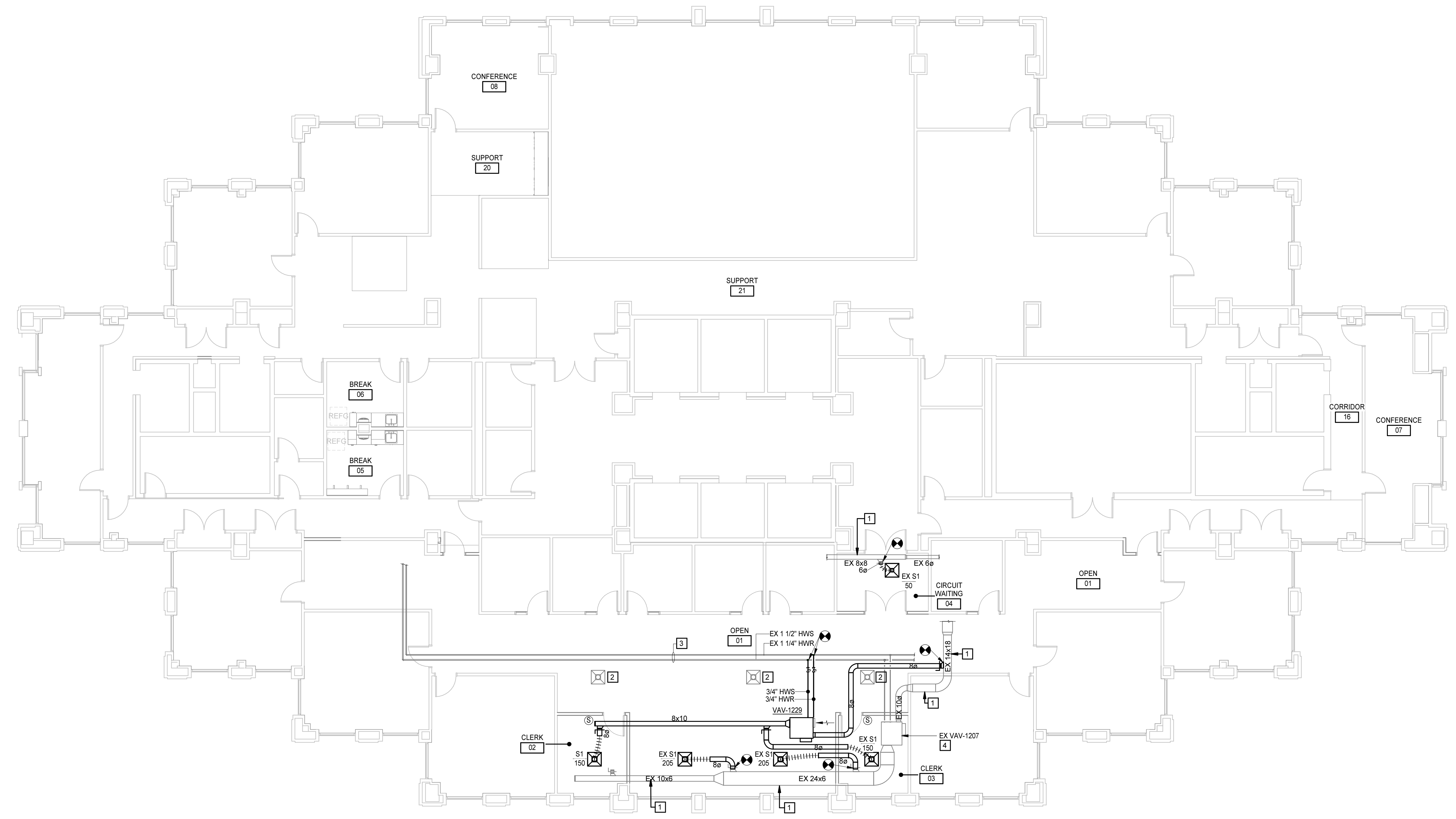
EXISTING PIPING AND DUCTWORK ARE FROM HANSEN LIND MEYER INC. PERMIT SET 11/18/1991 PLANS. CONTRACTOR SHALL FIELD VERIFY.

ALL DUCTWORK AND PIPING SHOWN ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

CONTRACTOR SHALL VERIFY ALL EXISTING DIFFUSER AND GRILLE LOCATIONS.

**KEYNOTES**  
 APPLIES TO THIS DRAWING

- 1 EXISTING DUCTWORK.
- 2 EXISTING GRILLE.
- 3 EXISTING PIPE.
- 4 RECALIBRATE EX VAV-1207 FLOW RING AND BALANCE TO NEW AIRFLOW PER SCHEDULE.



**NEW 12TH FLOOR PLAN - MECHANICAL**

1/8" = 1'-0"

**ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION**

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 ARLINGTON COUNTY, VIRGINIA  
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**NEW 12TH FLOOR PLAN - MECHANICAL**

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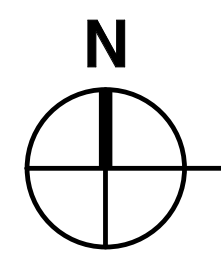
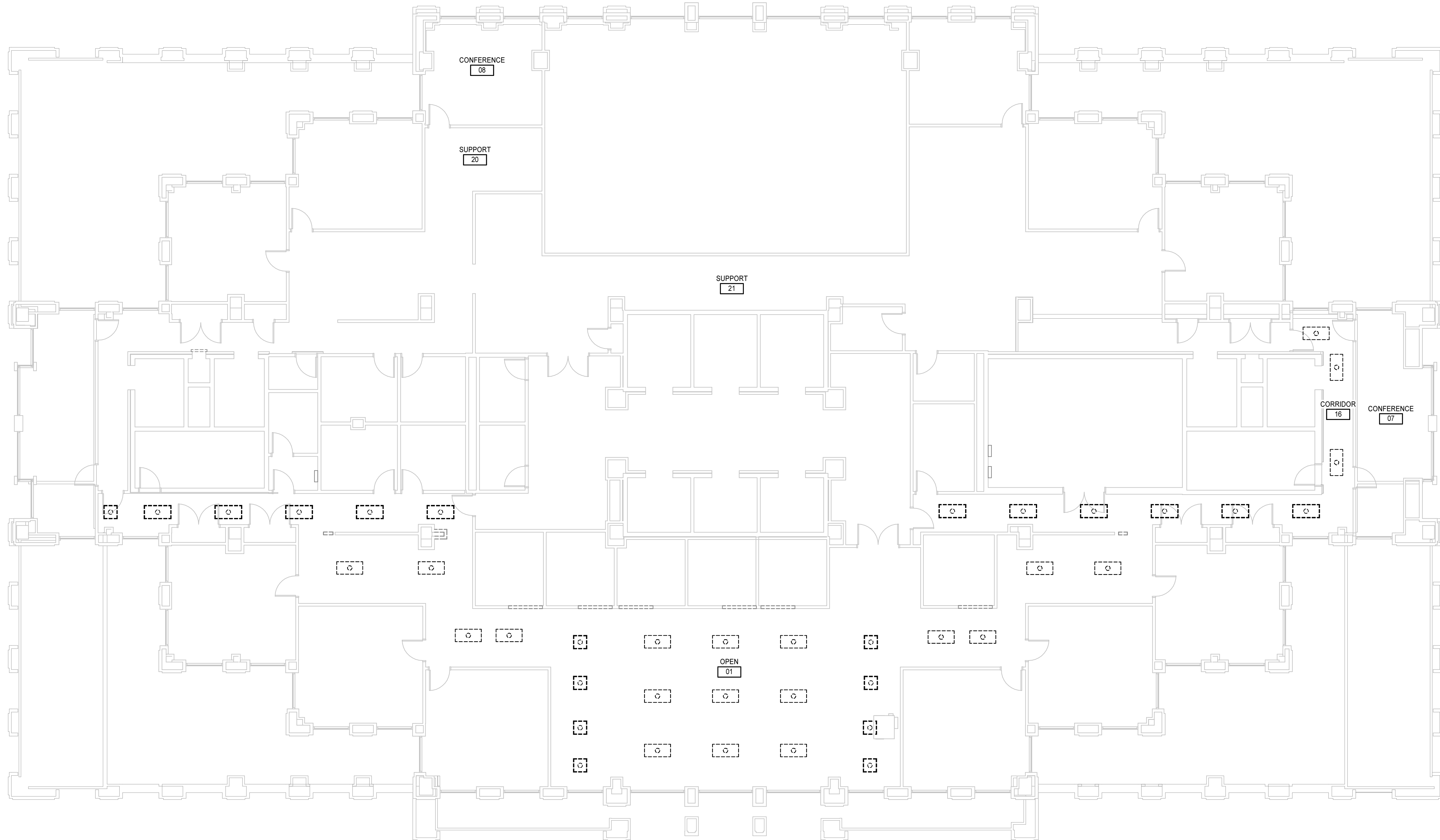
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DEMOLITION 12TH FLOOR PLAN - ELECTRICAL

1/8" = 1'-0"

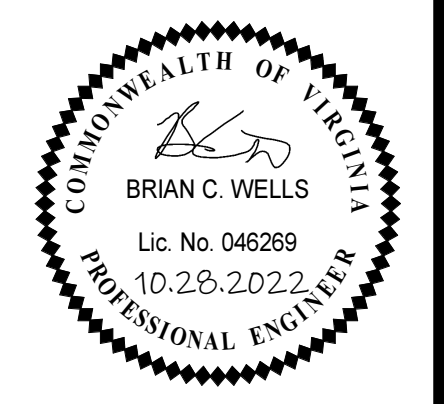
**GENERAL NOTES**

APPLIES TO DRAWING E1.1  
REPRESENTED BY [ ]

1. DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURES. MAINTAIN EXISTING CIRCUITRY SWITCHING SYSTEM CONTINUITY FOR RECONNECTION.

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**ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION**

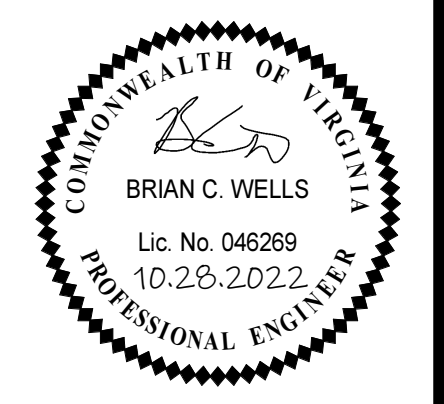
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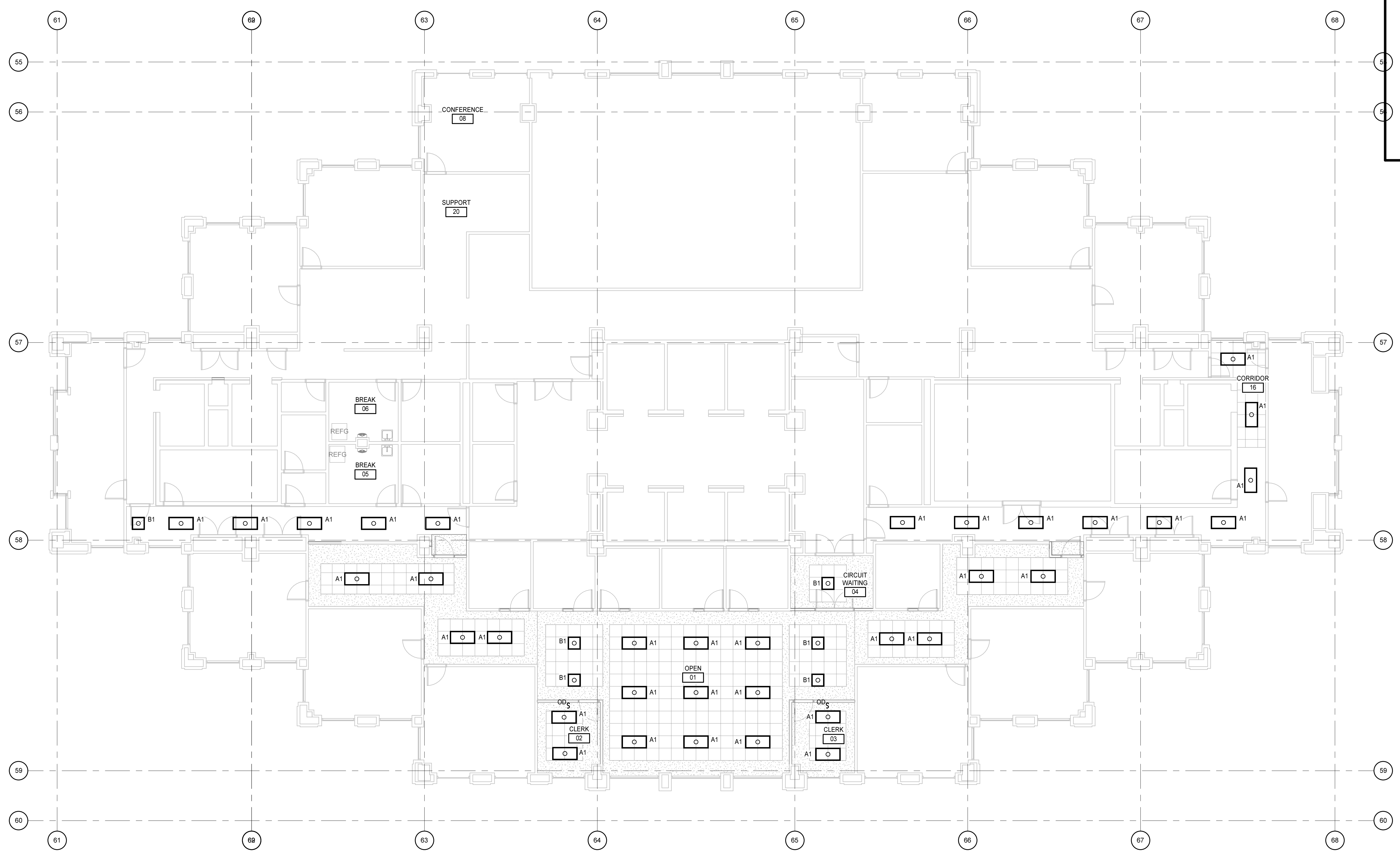
DEMOLITION 12TH FLOOR PLAN - ELECTRICAL

**E1.1**



**GENERAL NOTES**  
 APPLIES TO DRAWING E1.1  
 REPRESENTED BY [Symbol]

1. CONNECT LIGHTING FIXTURE TO EXISTING CIRCUITRY AND SWITCHING SYSTEM THAT WAS MAINTAINED DURING DEMOLITION. APPLY THIS TO ALL THE LIGHTING FIXTURES.



**ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION**

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**12TH FLOOR PLAN - ELECTRICAL - LIGHTING**  
 1/8" = 1'-0"

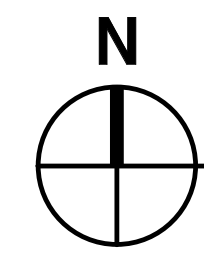
**12TH FLOOR PLAN - ELECTRICAL - LIGHTING**

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12TH FLOOR PLAN - ELECTRICAL - POWER AND COMMUNICATIONS

1/8" = 1'-0"



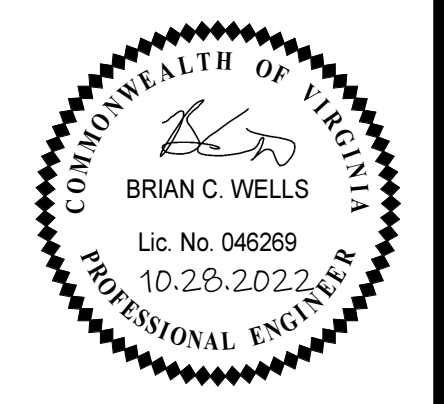
KEYNOTES

APPLIES TO DRAWING E2.2  
REPRESENTED BY [Symbol]

- 1. CONNECT RECEPTACLES TO CLOSEST EXISTING CIRCUIT.
- 2. CONNECT VAV BOX TO CLOSEST EXISTING CIRCUIT FOR PANEL NH12A.
- 3. PROVIDE 2 20A/120V/1P BREAKER IN SPACE 61.62 OF PANEL NL12B.

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**ARLINGTON COUNTY COURTHOUSE 12TH FLOOR RENOVATION**

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12TH FLOOR PLAN -  
ELECTRICAL - POWER  
AND COMMUNICATIONS

**E2.2**