

WESTERN TECHNICAL COLLEGE - COLEMAN GENERAL STUDIES OFFICE RENOVATION 304 6TH STREET NORTH LA CROSSE, WI



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
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26030

SEPTEMBER 29, 2026

CONSTRUCTION DOCUMENTS

INDEX OF DRAWINGS

GENERAL

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- G002 ADA MOUNTING HEIGHTS

ARCHITECTURAL

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- A400 ENLARGED, INTERIOR ELEVATIONS, DETAILS
- A600 WALL TYPES & DOOR SCHEDULE

INTERIOR DESIGN

- ID101 FINISH FLOOR PLAN

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- E100 ELECTRICAL PLANS
- E400 ELECTRICAL DETAILS
- E401 ELECTRICAL PHOTOS

PROJECT TEAM

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1 OVERALL COLEMAN SECOND FLOOR PLAN

1/16" = 1'-0"



INTERIOR RENDER

PROJECT LOCATION:
304 6TH STREET NORTH
LA CROSSE, WI 54602



CITY MAP
SITE LOCATION MAP

WTC COLEMAN CENTER
GENERAL STUDIES OFFICE RENOVATION

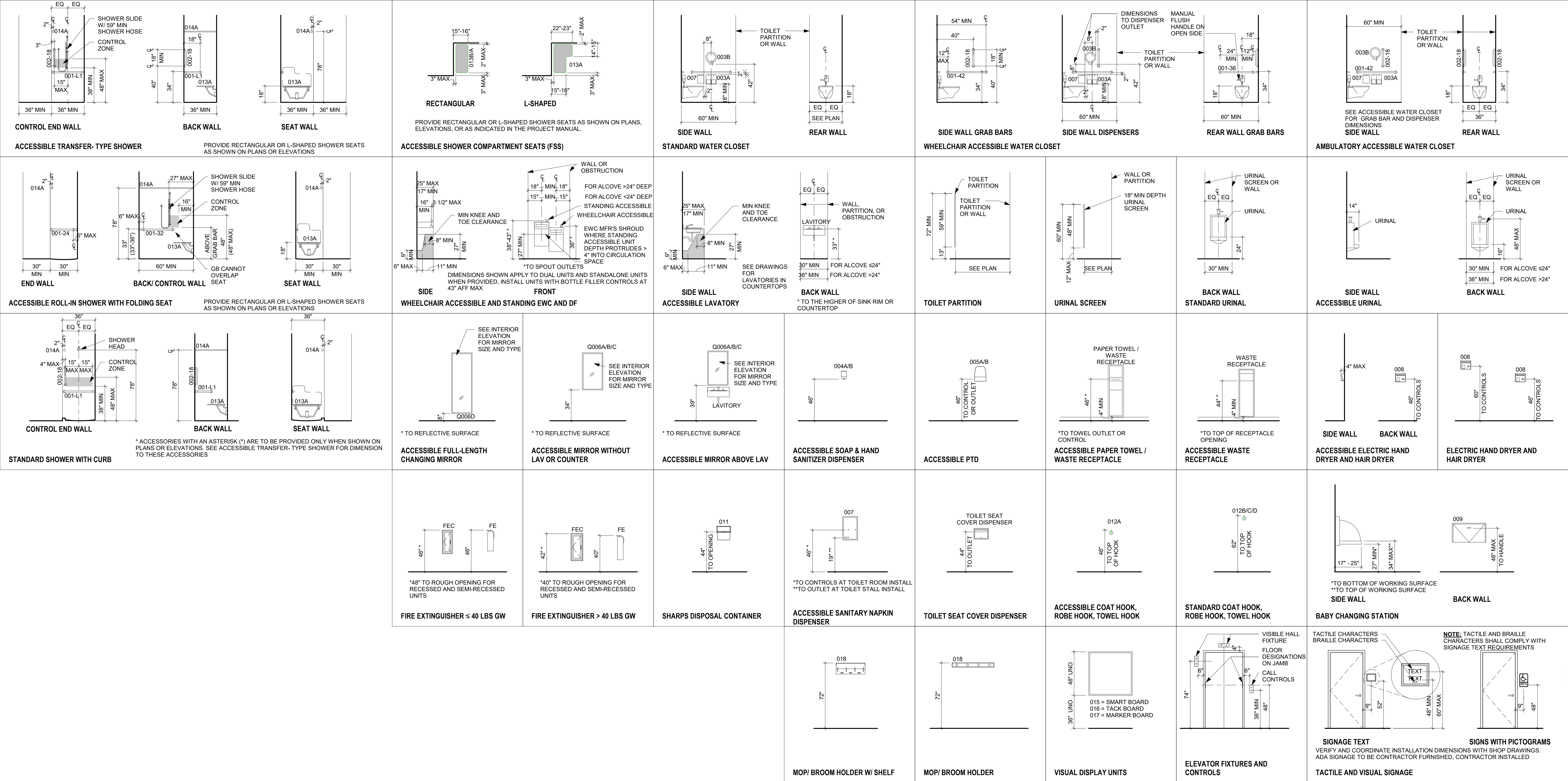
Project Title:
Project Number:
Project Date:
Drawn By:
Key Plan:

26030
SEPTEMBER 29, 2026
HSR

Revisions:		
No.	Description	Date

Graphic Scale:
VARIES

G000

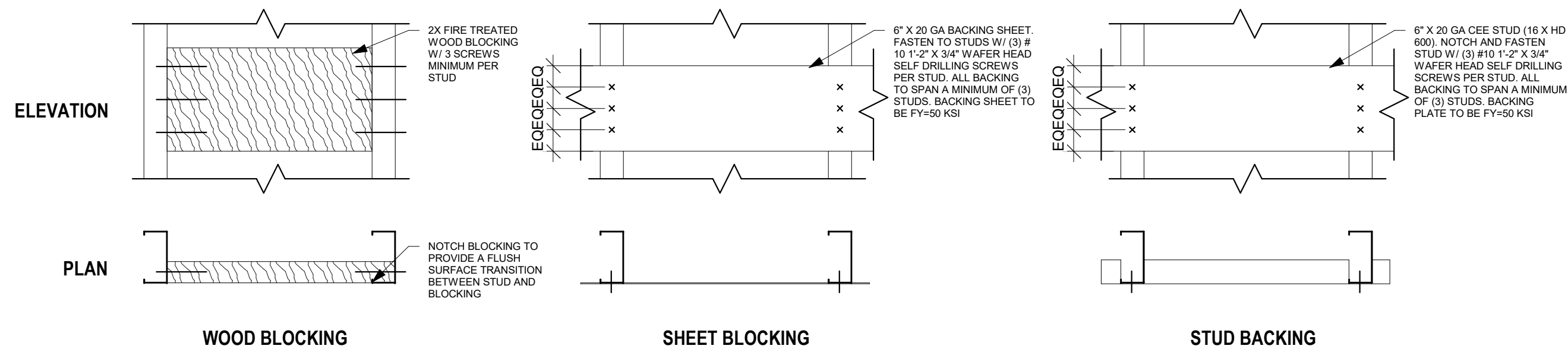


ACCESSORIES GENERAL NOTES:

1. NOT ALL ACCESSORIES REFERENCED ON SHEET G002 ARE INCLUDED IN THIS PROJECT. SEE ENLARGED FLOOR PLANS / ELEVATION SHEETS FOR ACCESSORIES LOCATIONS / LAYOUT.
2. ALL ACCESSORIES TO BE PROVIDED AND INSTALLED BY CONTRACTOR, UNLESS NOTED OTHERWISE.
3. CONFIRM EXACT LOCATION OF EACH ACCESSORY WITH OWNER PRIOR TO INSTALLATION.
4. SURFACE MOUNTED ACCESSORIES SHALL BE INSTALLED OVER WALL TILE.
5. OPCI = OWNER FURNISHED, CONTRACTOR INSTALLED. BASIS OF DESIGN. MODEL PROVIDED BY OWNER; VERIFIED FOR PLACEMENT COORDINATION.
6. PROVIDE INSULATION WRAP AT EXPOSED PIPING AT SINKS WHERE NO OTHER PROTECTION IS PROVIDED.

MOUNTING GENERAL NOTES:

- A. ACCESSIBLE ITEMS MUST MOUNT ACCORDING TO THIS SHEET. OTHER ITEMS SHALL MOUNT AS INDICATED. UNO. DIMENSIONS ARE TO THE FACE OF FINISH MATERIALS AND NOT TO SUBSTRATES.
- B. DIMENSIONS ARE BASED ON COMPLIANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, ICC/ANSI A117.1, OR OTHER APPLICABLE CODES AND REGULATIONS.
- C. CONSTRUCTION/INSTALLATION TOLERANCES AS DEFINED IN THE PROJECT MANUAL ARE INTENDED TO BE ACCOMMODATED WITH THE DIMENSIONS INDICATED.
- D. MINIMUM AND MAXIMUM NOTATIONS WHERE A DIMENSION IS NOTED AS A MINIMUM (MIN) OR MAXIMUM (MAX), THE DIMENSION MUST BE VERIFIED AND COORDINATED WITH THE SHOP DRAWINGS SO THAT THE ITEM DIMENSIONED WILL BE INSTALLED ACCORDING TO THE DIMENSIONS INDICATED.
- E. MINIMUM AND MAXIMUM DIMENSIONS ARE ABSOLUTE WITH NO TOLERANCE BEYOND THE DIMENSION INDICATED.



1 TYP. BLOCKING AND BACKING

1 1/2" = 1'-0"

Consultant:

WTC COLEMAN CENTER
GENERAL STUDIES OFFICE RENOVATION

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LA CROSSE, WI 54602

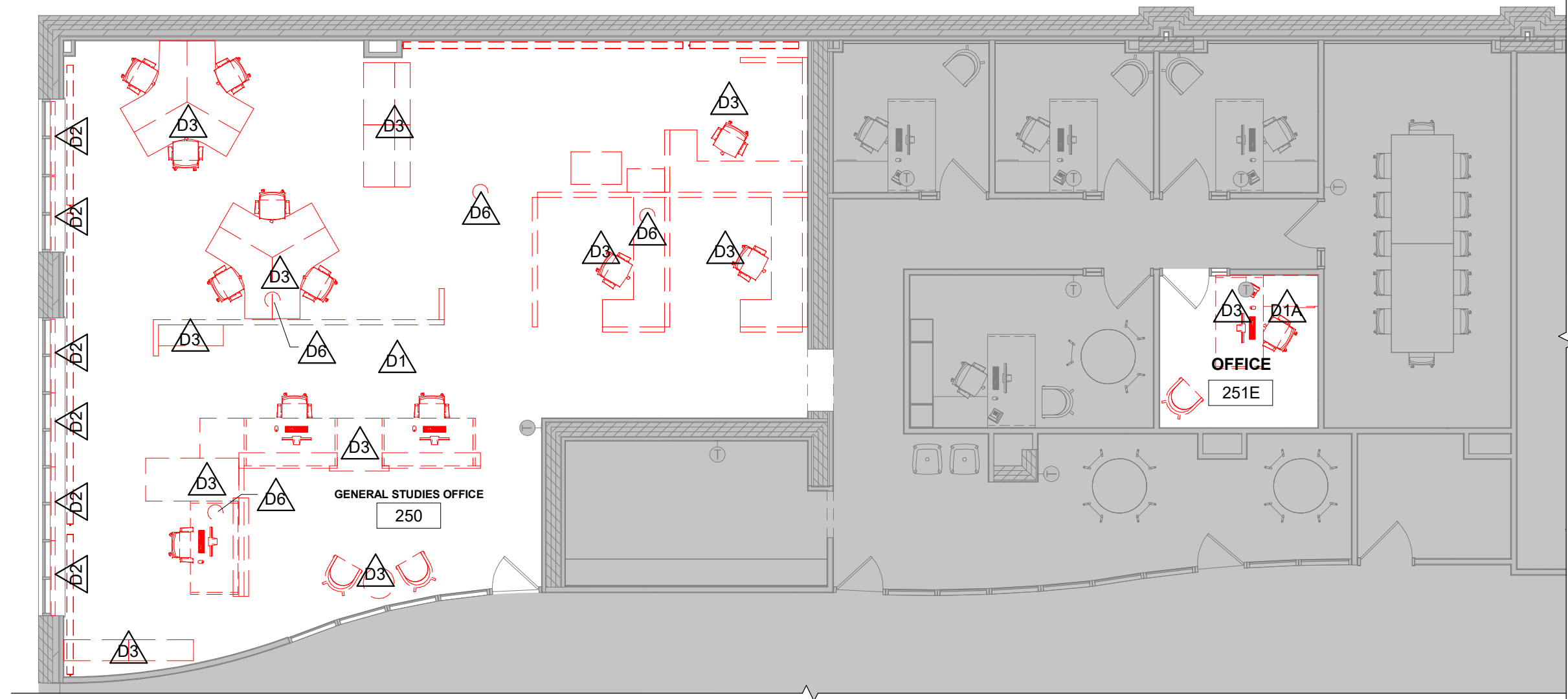
ADA MOUNTING HEIGHTS

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VARIES

G002



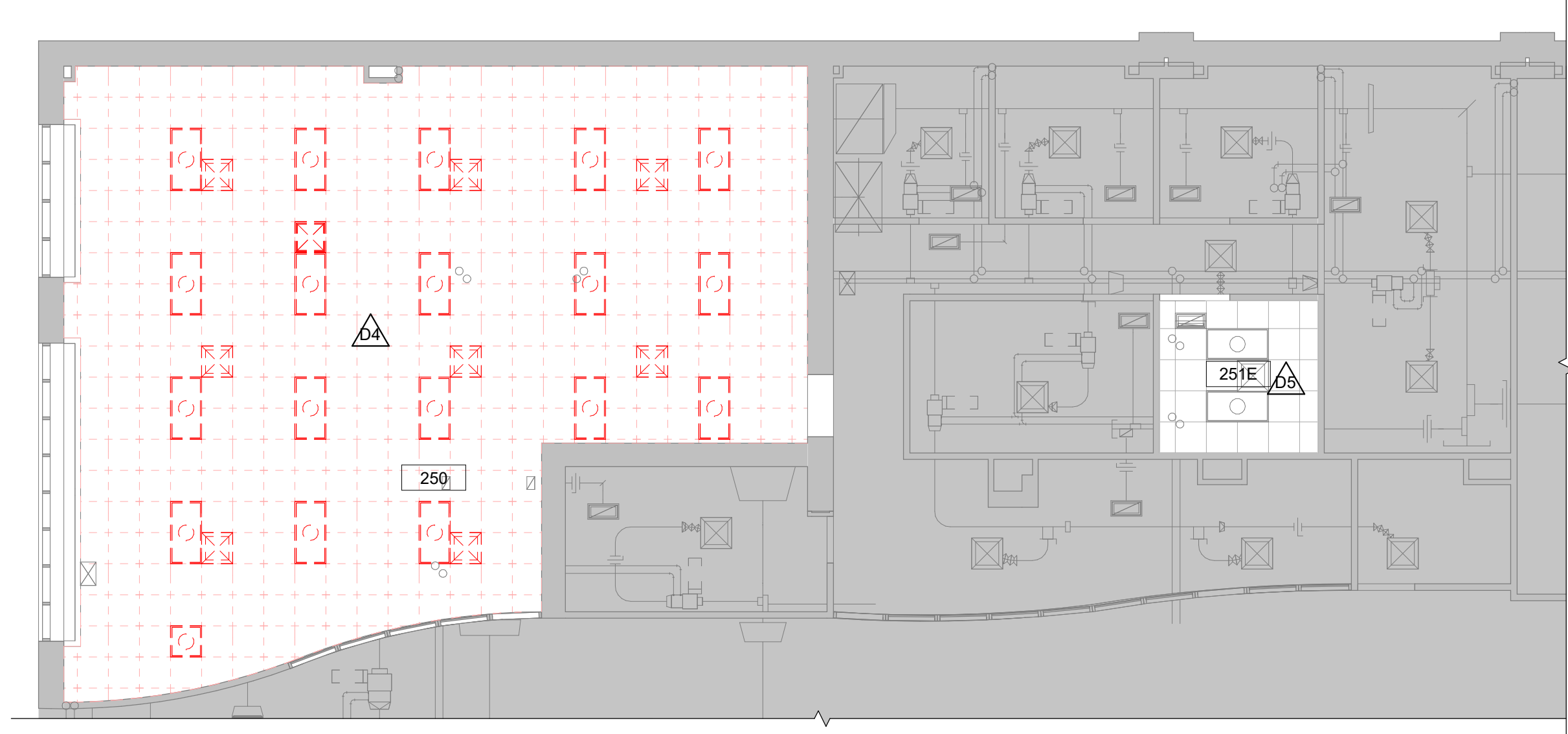
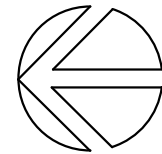
- DEMOLITION GENERAL NOTES:**
- ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.
 - AT WALL TYPES/MATERIALS: PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.
 - OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.
 - MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.
 - ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.
 - COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.
 - PROVIDE FLOOR PROTECTION AS SPECIFIED AT DEBRIS REMOVAL PATHS THROUGH BUILDING.

- DEMOLITION PLAN LEGEND:**
- SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
 - REMOVE ITEMS NOTED WITH DASHED LINES
 - SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE

- DEMOLITION KEY NOTES**
- REMOVE EXISTING CARPET FLOORING AND ASSOCIATED RESILIENT BASE. PREPARE SURFACE TO RECEIVE FINISHES SPECIFIED IN PROJECT HEREIN.
 - REMOVE PORTION OF EXISTING CARPET FLOORING AND PORTION OF ASSOCIATED RESILIENT BASE AT LOCATION OF NEW CASEWORK SPECIFIED IN PROJECT HEREIN.
 - REMOVE EXISTING WINDOW SHADE. PATCH AND PREPARE SURFACES TO RECEIVE NEW WINDOW SHADES SPECIFIED IN PROJECT HEREIN.
 - ALL FURNITURE, FURNITURE SYSTEMS, AND EQUIPMENT REMOVED BY OWNER PRIOR TO CONSTRUCTION - N.I.C.
 - REMOVE EXISTING ACOUSTIC CEILING TILE, GRID AND ALL ASSOCIATED LIGHTING FIXTURES, FIRE ALARM DEVICES AND HVAC DIFFUSERS/ RETURN GRILLES. SALVAGE ACOUSTIC TILE, LIGHTING FIXTURES, FIRE ALARM DEVICES AND HVAC DIFFUSERS AND GRILLES FOR REINSTALLATION IN PROJECT HEREIN.
 - EXISTING CEILING AND ALL ASSOCIATED MEP FIXTURES TO REMAIN.
 - EXISTING FLOOR JUNCTION BOX TO BE MODIFIED AND RECEIVE BLANK COVER - SEE ELECTRICAL.

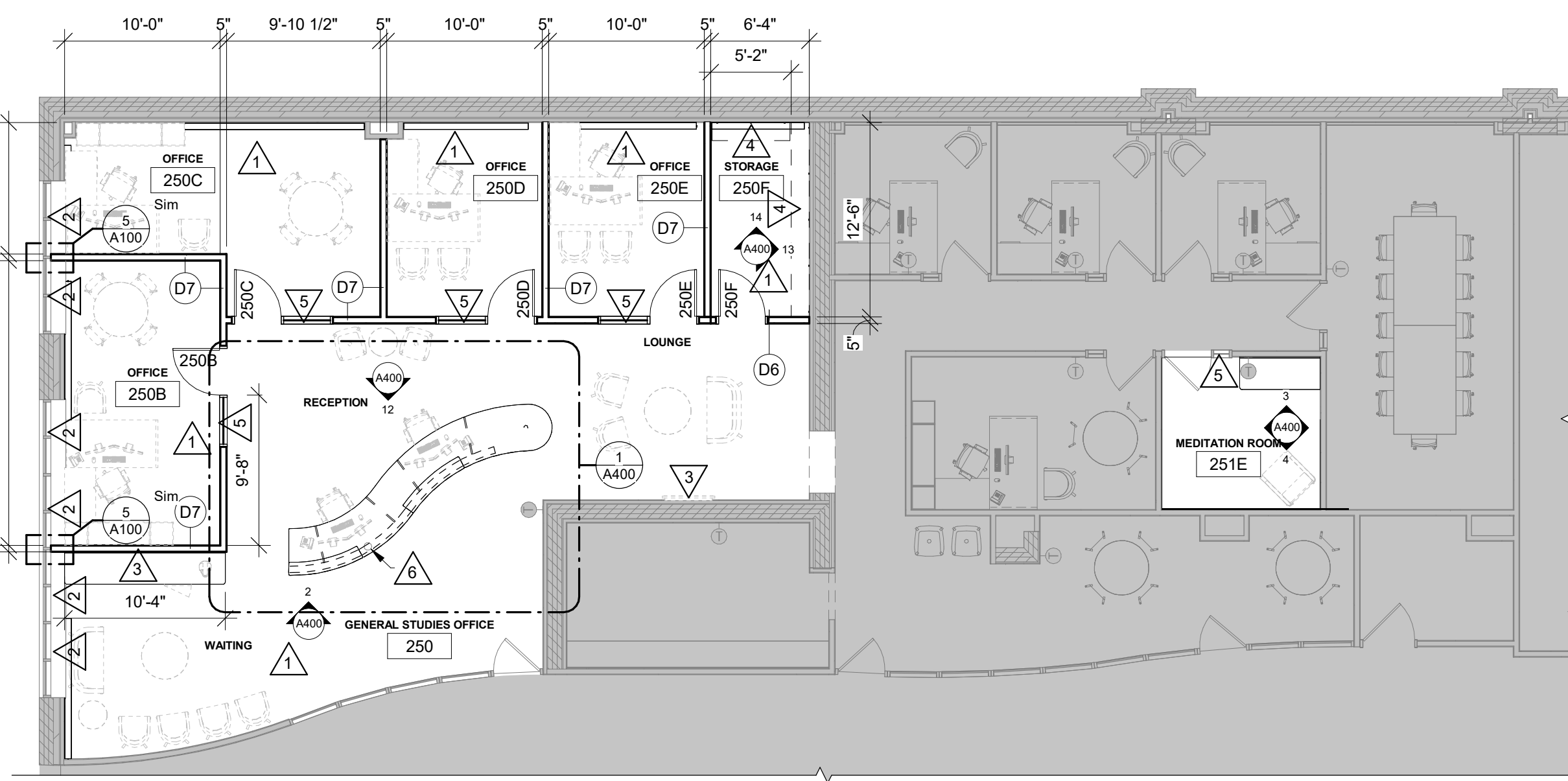
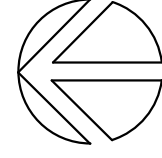
1 DEMOLITION PLAN

1/8" = 1'-0"



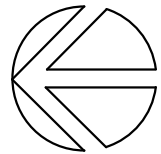
3 DEMOLITION REFLECTED CEILING PLAN

1/8" = 1'-0"



2 FLOOR PLAN

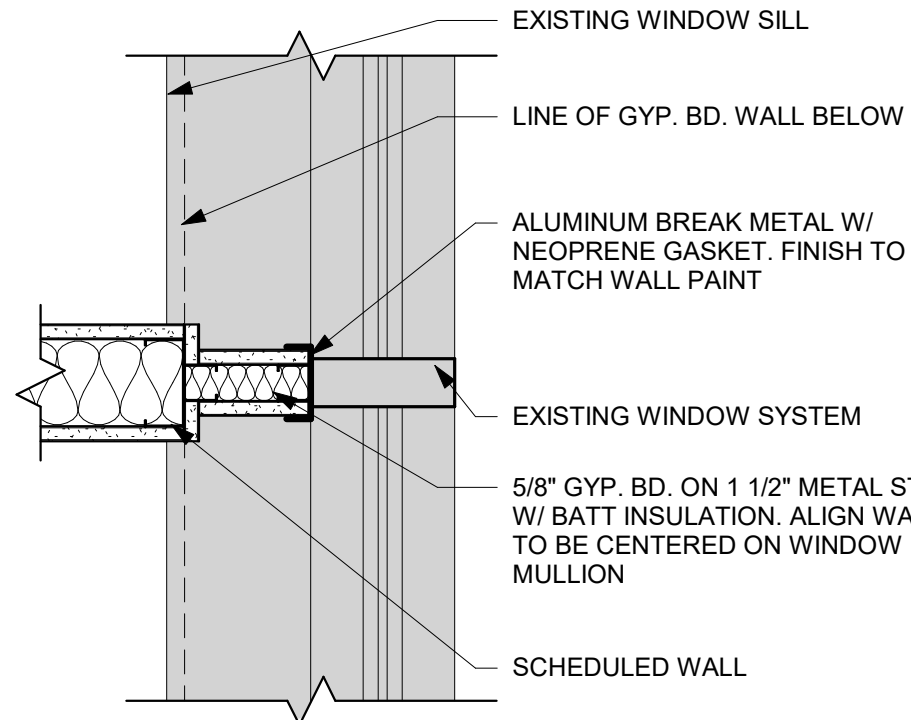
1/8" = 1'-0"



- PLAN GENERAL NOTES:**
- REFER TO OVERALL PLANS FOR FIRE RATING LOCATIONS AND ACCESSIBILITY ROUTES.
 - SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS.
 - LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.
 - EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE. SEE A600 FOR TOP OF WALL DETAILS.
 - SEE A600 FOR WALL CONTROL JOINT DETAILS. SEE PLANS AND ELEVATIONS FOR CJ LOCATIONS. CJ = CONTROL JOINTS.
 - GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PAD/CURBS AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT. VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL / ELECTRICAL.
 - VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC OPENINGS - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION.

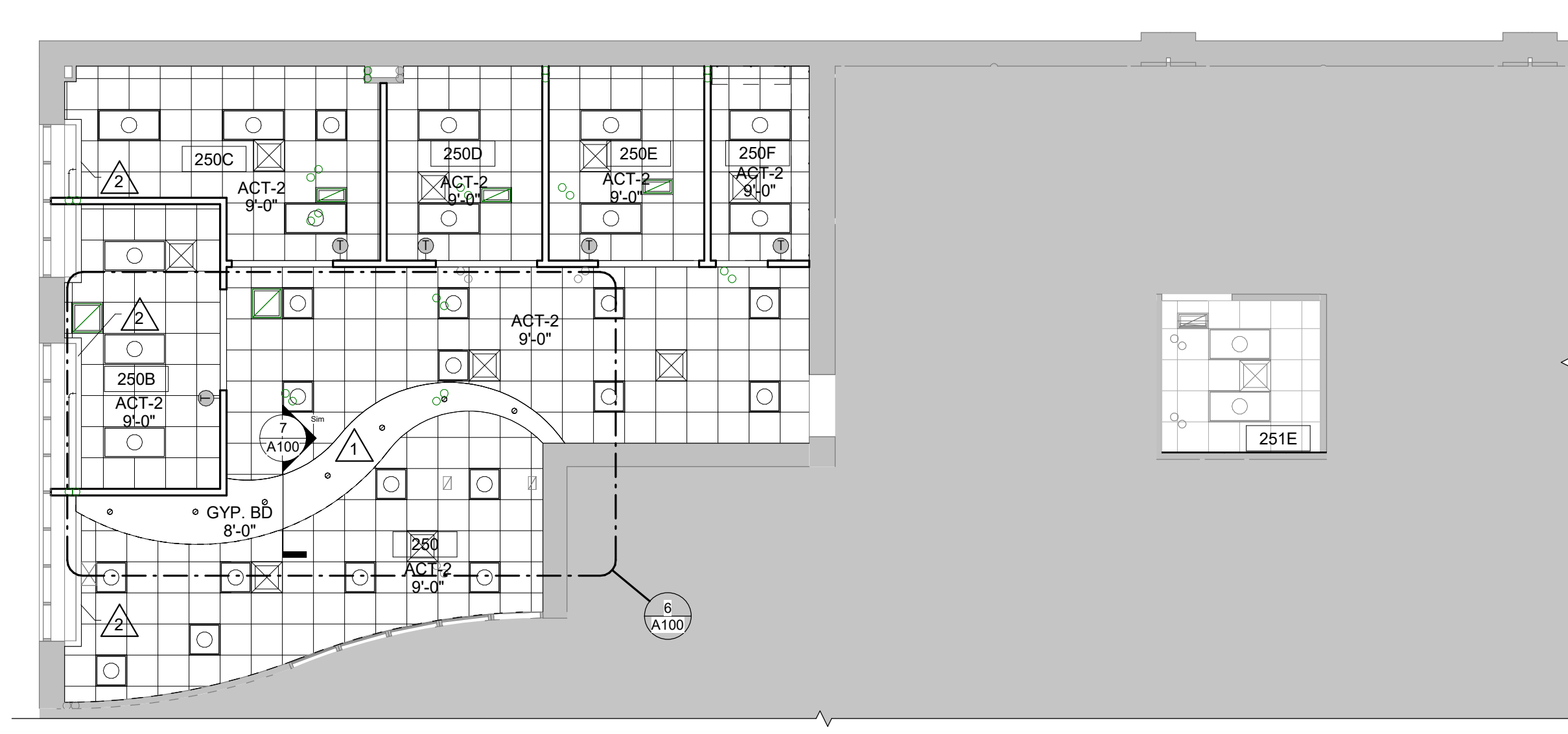
- PLAN LEGEND:**
- SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
 - SYMBOL INDICATES WINDOW TYPE. SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.
 - SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

- PLAN KEY NOTES**
- INSTALL NEW CARPET TILE AND RESILIENT BASE. SEE ID.
 - INSTALL NEW WINDOW SHADE. SEE ID.
 - WALL MOUNTED MONITOR - VERIFY LOCATION WITH OWNER. SEE ELEC.
 - ADJUSTABLE SHELVES ON ADJUSTABLE STANDARDS. PROVIDE MIN. 5 SHELVES PER WALL.
 - SEDLIGHT TO RECEIVE GRADIENT PRIVACY DECORATIVE FILM - DF-1 - SEE ID.
 - LOCATION OF EXISTING ELECTRICAL FLOOR BOX. FIELD VERIFY EXACT LOCATION PRIOR TO FABRICATION OF RECEPTION DESK TO MAKE SURE RECEPTION DESK DIE WALL ALIGNS WITH EXISTING ELECTRICAL BOX. SEE ELECTRICAL.



5 INTERIOR WALL AT WINDOW

1 1/2" = 1'-0"



4 REFLECTED CEILING PLAN

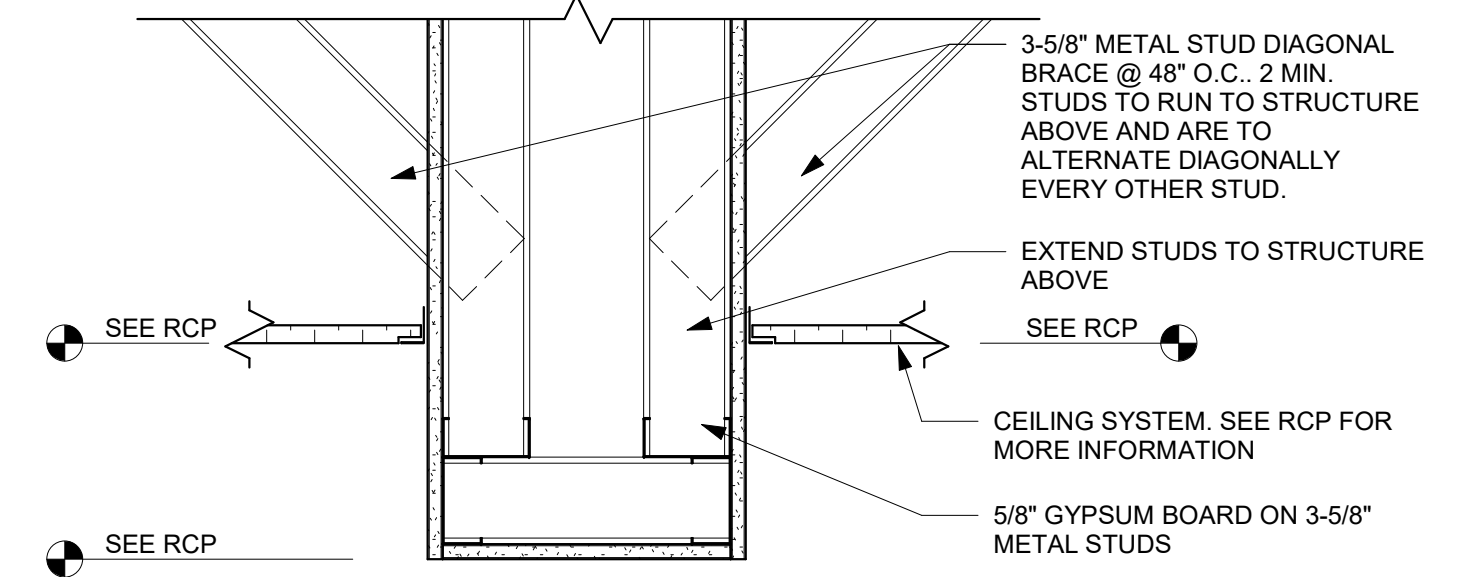
1/8" = 1'-0"



- RCP GENERAL NOTES:**
- REFER TO MECHANICAL CEILING ACCESS PANEL LOCATIONS & SIZES.
 - SEE MECHANICAL FOR CEILING GRILLE INFORMATION.
 - SEE ELECTRICAL FOR LIGHTING TYPES.
 - ALL INTERIOR PARTITIONS TO EXTEND TO BOTTOM OF DECK UNLESS OTHERWISE NOTED. CLOSE DECK FLUTES AT TOP OF WALL WITH NEOPRENE FILLER OR FIRESTOPPING SYSTEM. IN GYP/STUD PARTITIONS SEE SPECIFICATION FOR LEVEL OF FINISH ABOVE FINISHED CEILING.
 - ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED. PENETRATIONS OF FIRE RATED WALLS SHALL BE FIRESTOPPED WITH THE SAME AS THE WALL.
 - WHERE NO CEILING/EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, CONTRACTOR SHALL KEEP ALL MEP ABOVE OR EVEN WITH THE LEVEL OF THE LIGHTS. MEP SHALL RUN IN NEAT ORDERLY APPEARANCE GENERALLY PARALLEL OR PERPENDICULAR TO FINISHED STRUCTURE. WALLS IN THESE ROOMS TO RUN TO DECK AND ALL STRUCTURE/MEP COMPONENTS ARE TO BE PAINTED.
 - REFER TO INTERIOR DESIGN SHEETS FOR OTHER FINISHES.
 - HANGERS AND SUPPORTS: MECHANICAL, PLUMBING, ELECTRICAL AND OTHER CABLEING CONTRACTORS SHALL NOT HANG OR SUPPORT THE WORK FROM THE ROOF DECK IN ANY FASHION. CONDUIT RUNS SHALL NOT BE LAID ON ROOF DECK NOR LAID ON THE STRUCTURAL SUPPORT THAT SUPPORTS THE ROOF DECK. NO FASTENERS SHALL PENETRATE ROOF DECK BY ANY TRADE OTHER THAN THE ROOFING CONTRACTOR FOR THE NEW ROOF SYSTEM.
 - CONFIRM EXACT LOCATION OF OVERHEAD PROJECTORS AND OTHER CEILING MOUNTED EQUIPMENT WITH OWNER / MANUFACTURER PRIOR TO INSTALLATION. SEE EQUIPMENT PLANS FOR ADDITIONAL EQUIPMENT.
 - CEILING TYPES INSTALLED AS NOTED ON PLANS. SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM INFORMATION. ACT-2-TIGULAR EDGE.

- RCP LEGEND:**
- LIGHT FIXTURE - SEE ELECTRICAL
 - LIGHT FIXTURE - SEE ELECTRICAL
 - SUPPLY - SEE MECHANICAL
 - RETURN - SEE MECHANICAL
 - EXHAUST - SEE MECHANICAL

- RCP KEY NOTES**
- PAINT SOFFIT PNT-2
 - EXISTING BULKHEAD TO REMAIN - PAINT FIELD PAINT PNT-1



6 REFLECTED CEILING PLAN - Callout 1

1/4" = 1'-0"

7 GYPSUM BOARD SOFFIT

1 1/2" = 1'-0"

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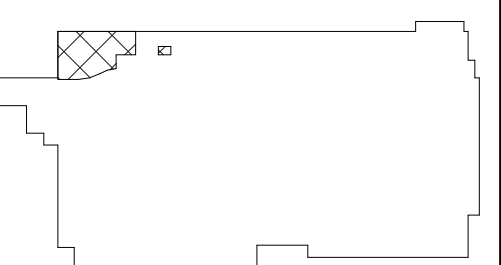
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Drawn By:
KH

Key Plan:

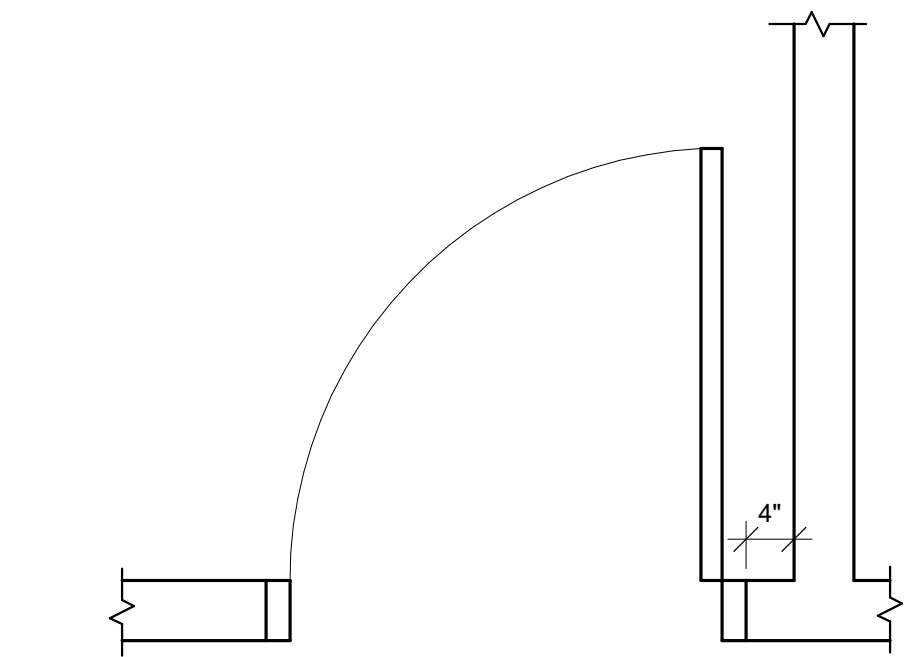


KEY PLAN

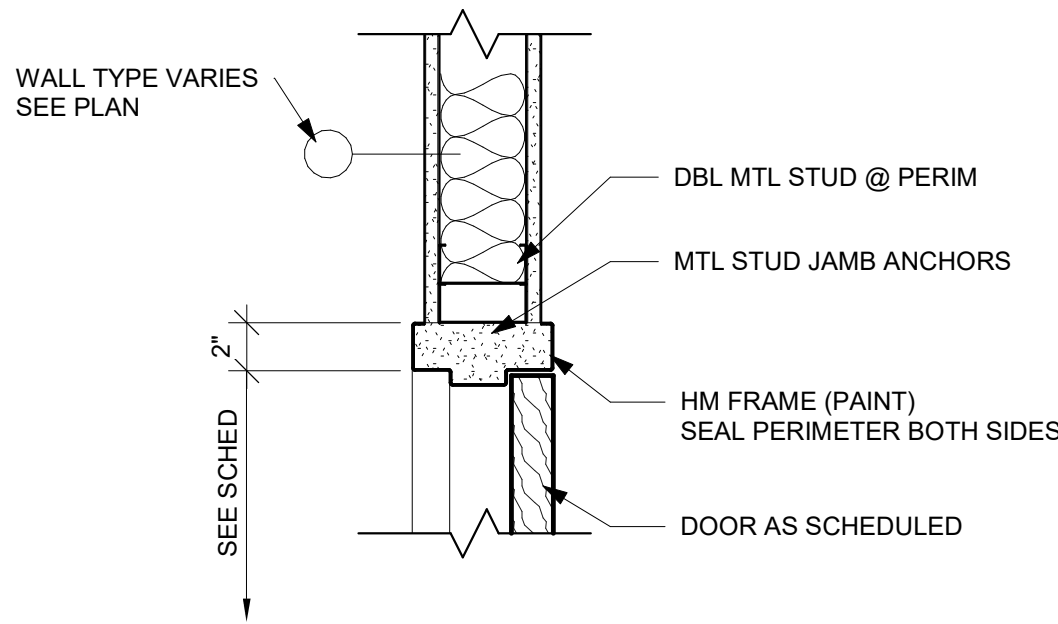
Revisions:		
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Graphic Scale:
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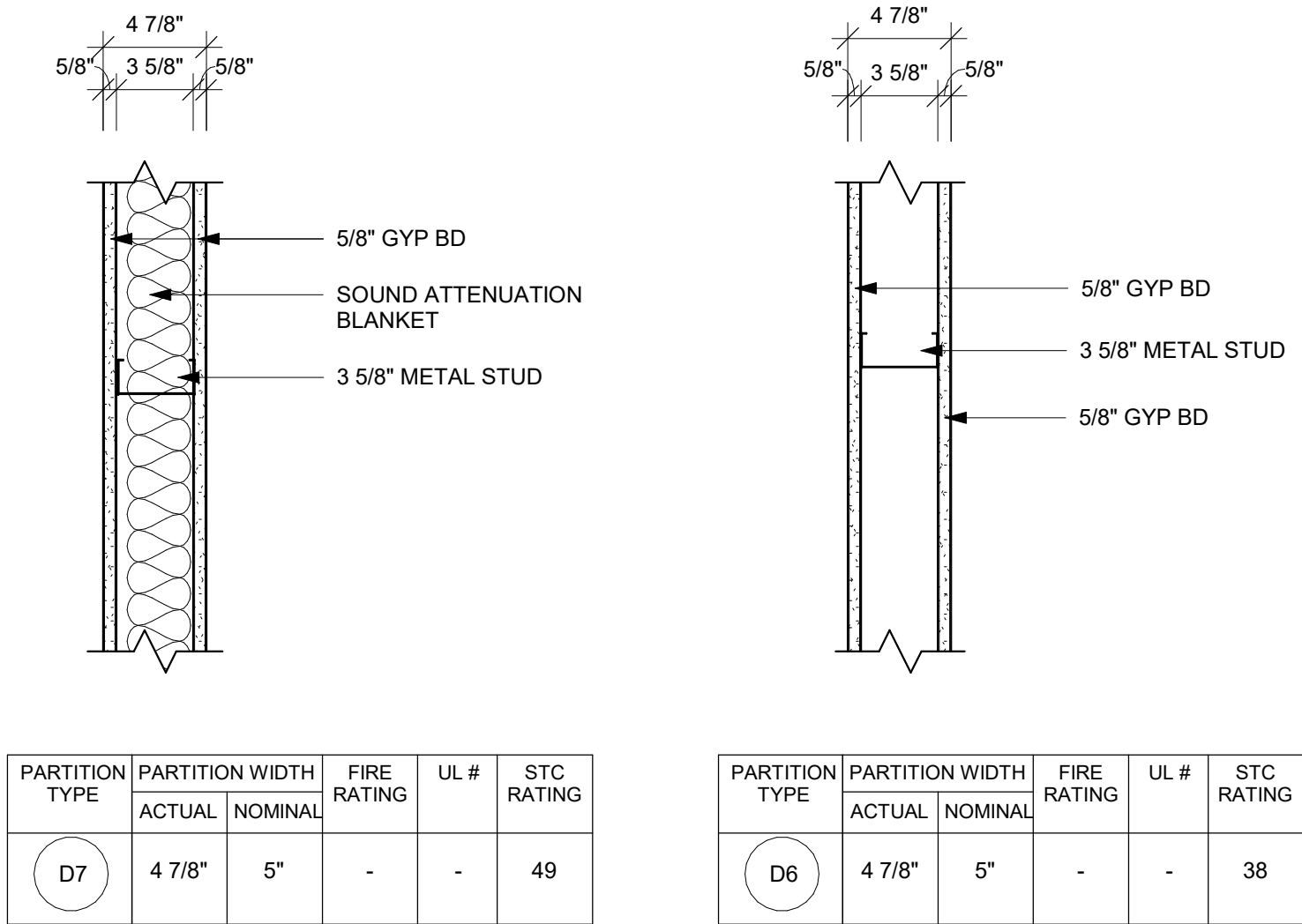
A100



1 TYP. DOOR OFFSET
3/4" = 1'-0"



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



WALL TYPE GENERAL NOTES:

A. REFER TO MASTER COLOR SCHEDULE AND INTERIOR DESIGN SHEETS FOR ADDITIONAL WALL FINISHES.

B. NON RATED WALLS, INCLUDING BULKHEADS SHALL HAVE FRAMING EXTENDED TO DECK ABOVE. GYP BOARD SHALL EXTEND TO 4" ABOVE CEILING UNLESS NOTED OTHERWISE. COLUMN FURNISH MAY STOP 4" ABOVE CEILING.

C. EXTEND STUDS, GYP BOARD AND SOUND BLANKET TO DECK ABOVE AT SOUND CONTROL WALLS INDICATED BY SOUND ATTENUATION BLANKETS, SOUND SEAL NOTE OR STC RATING). LEVEL OF FINISH ABOVE CEILING AS NOTED IN SECTION 09 21 16

D. AT SOUND CONTROL WALLS (INDICATED BY SOUND ATTENUATION BLANKETS, SOUND SEAL NOTE OR STC RATING) APPLY CONTINUOUS BEAD OF ACOUSTICAL SEALANT AT FLOOR/CEILING TRACK STUDS AND STUD AT WALL. APPLY CONTINUOUS BEAD OF ACOUSTICAL SEALANT AT PERIMETER OF GYP BOARD HOLDING EDGE OF GYP BOARD AWAY FROM ADJACENT STRUCTURE NO MORE THAN 1/8". SEAL ALL ME/PP/PF PENETRATIONS WITH SOUND BLANKET, BACKING, ACOUSTICAL SEALANT AND FIRE STOPPING. AFTER INSTALLING ONE SIDE OF GYP BOARD, APPLY OVERSIZED 2" SOUND BLANKET OVER BACK SIDE OF ELECTRICAL BOXES AND SIMILAR PENETRATIONS. WHERE WALL BOXES OCCUR AT OPPOSITE SIDES, APPLY INSULATION TO BACKSIDE OF WALL BOXES. AT FIRE RATED WALLS REQUIRING SOUND CONTROL, USE PUTTY PADS FOR REQUIRED WALL RATING. REFER TO TOP OF WALL DETAILS FOR INSTALLATION OF ADDITIONAL MATERIALS AT DECK AND APPLICATION OF RATED TOP OF WALL ASSEMBLIES.

E. INSTALL GYPSUM BOARD CONTROL JOINTS AT TOP OF ALL INTERIOR TOP OF DOOR JAMBS TO TOP OF GYPSUM BOARD WALLS. OTHER CONTROL JOINTS TO BE INSTALLED PER PLAN OR AT 30'-0" O.C. MAX. REVIEW LOCATION REQUIREMENTS WITH AE PRIOR TO START OF INSTALLATION OF GYPSUM BOARD ASSEMBLIES.

DOOR SCHEDULE													
MARK	DOOR						FRAME					HDWR GROUP	REMARKS
	SIZE			DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	FRAME FINISH	GLASS TYPE		
	W	H	T										
250B	3'-0"	7'-0"	1 3/4"	DOOR A	SCWD		FRAME GG	6"	HM	PNT-4	GLT-4	1	
250C	3'-0"	7'-0"	1 3/4"	DOOR A	SCWD		FRAME GG	6"	HM	PNT-4	GLT-4	2	
250D	3'-0"	7'-0"	1 3/4"	DOOR A	SCWD		FRAME GG	6"	HM	PNT-4	GLT-4	2	
250E	3'-0"	7'-0"	1 3/4"	DOOR A	SCWD		FRAME GG	6"	HM	PNT-4	GLT-4	2	
250F	3'-0"	7'-0"	1 3/4"	DOOR A	SCWD		FRAME AA	6"	HM	PNT-4	GLT-4	3	

DOOR SCHEDULE GENERAL NOTES	DOOR SCHEDULE REMARKS
HM = HOLLOW METAL ALUM = ALUMINUM SCWD = SOLID CORE WOOD DOOR A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS B. ALL HM (HOLLOW METAL) DOORS AND FRAMES SHALL BE PAINTED	
DOOR TYPES	
SEE SCHED. 7'-0" A. LOUVER IF SCHEDULED	

DOOR FRAME GENERAL NOTES
HM = HOLLOW METAL IHM = INSULATED HOLLOW METAL ALUM = ALUMINUM A. SEE SHEET A600 FOR ADDITIONAL FRAME TYPES B. ALL HM (HOLLOW METAL) AND IHM (INSULATED HOLLOW METAL) FRAMES SHALL BE PAINTED.
DOOR FRAME TYPES
2" SEE SCHED 2" 2" SEE SCHED 2" 3'-0" 2" A. SEE SCHED GG DECORATIVE WINDOW FILM - SEE ID

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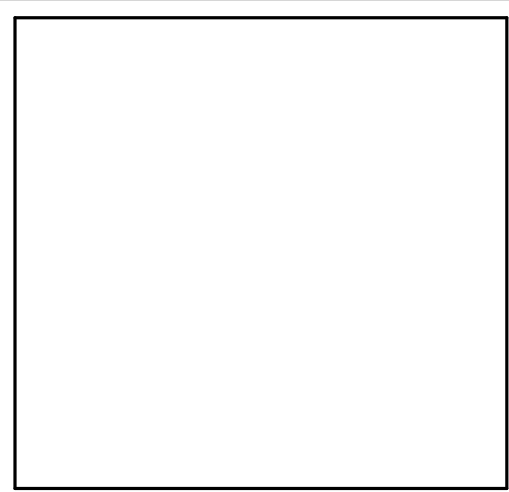
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LA CROSSE, WI 54602

WALL TYPES & DOOR SCHEDULE

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Sheet Title:

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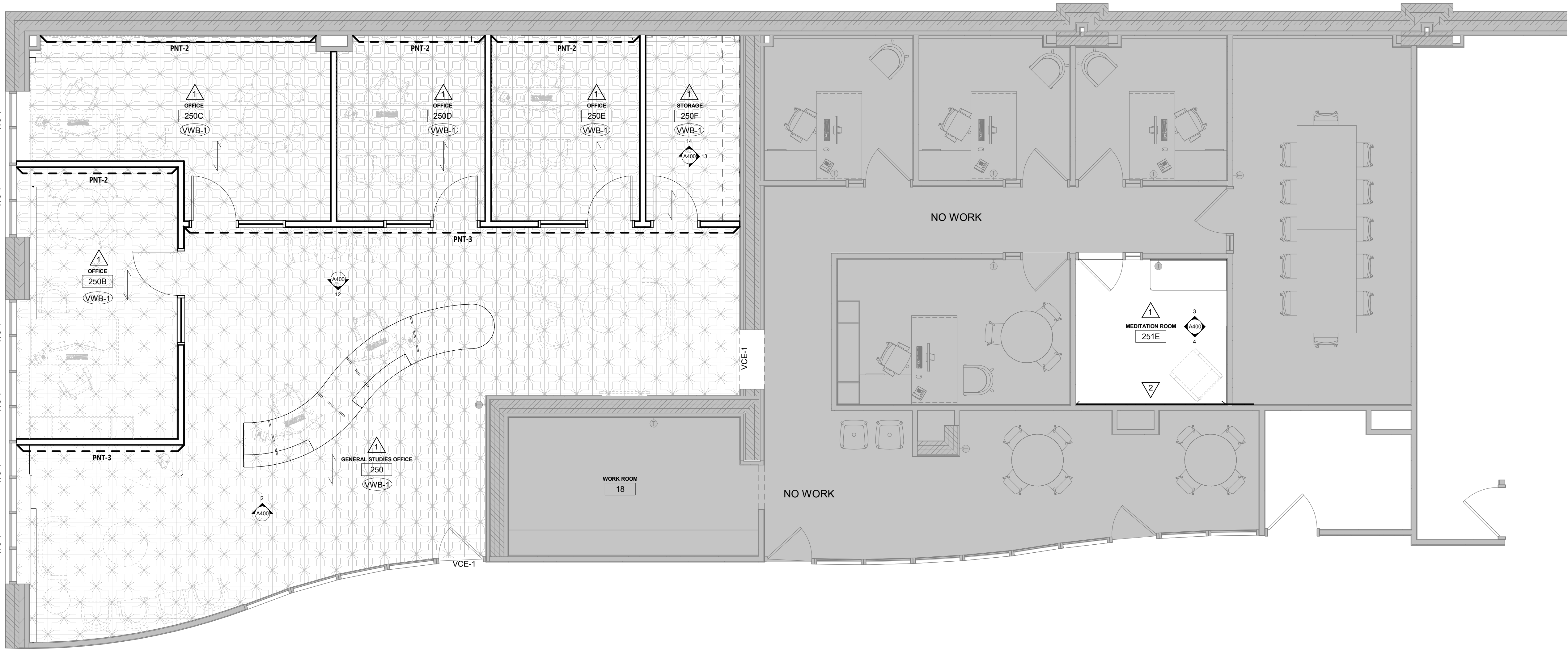
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Graphic Scale:
VARIES

A600

1 FLOOR PLAN

1/4" = 1'-0"



INTERIOR GENERAL NOTES:

- A. REFERENCES TO PAINT PERTAIN TO COLOR ONLY; PAINT TYPE SHALL BE IDENTIFIED IN THE ARCHITECTURAL SPECIFICATIONS.
- B. PNT-1 FIELD PAINT; ACCENT PAINT AS INDICATED. SEE ID SHEETS.
- C. REFER TO MASTER COLOR SCHEDULE ON ID101 FOR MATERIAL FINISH SPECIFICATIONS, ANNOTATIONS, AND ADDITIONAL INFORMATION.
- D. VINYL COMPOSITE EDGE (VCE) TO BE INSTALLED AT DISSIMILAR FINISH AREAS. REFER TO ID SHEETS. INSTALL APPROPRIATE EDGE PROFILE TO PROTECT FINISH EDGES. COLOR AS SELECTED BY A/E.
- E. AT DISSIMILAR FLOORING FINISHES, SET JOINT OF MATERIALS AT CENTER OF DOOR. TRANSITIONS TO BE ADA COMPLIANT.

INTERIOR FINISH KEY PLAN:

- SEE ROOM FINISH REMARKS
- WALL BASE
- ACCENT PAINT

INTERIOR FINISH LEGEND:



CPT-1

ROOM FINISH REMARKS

- 1 PAINT ALL WALLS PNT-1. ACCENT AS SHOWN ON PLANS.
- 2 FULL HEIGHT AWP-1. SEE ELEVATION 4 ON A400.

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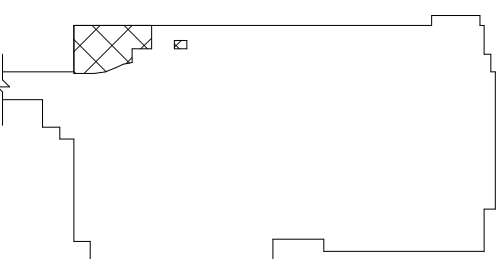
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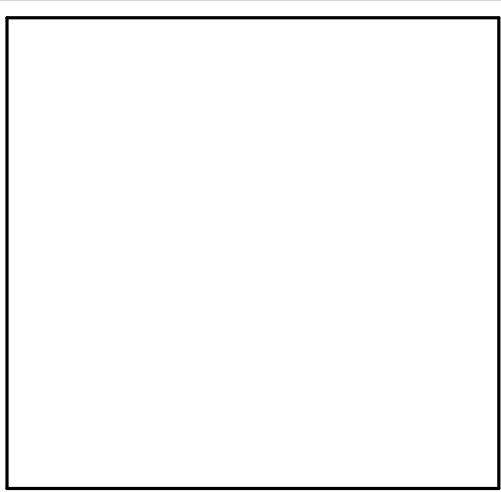
Project Date:
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Drawn By:
BE

Key Plan:



KEY PLAN



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ID101

FINISH FLOOR PLAN

Sheet Title:

304 6TH STREET NORTH
LA CROSSE, WI 54602

Project Location:

MASTER COLOR SCHEDULE																	
MANUFACTURER / COLOR				GENERAL LOCATION	REMARKS	MANUFACTURER / COLOR				GENERAL LOCATION	REMARKS	MANUFACTURER / COLOR				GENERAL LOCATION	REMARKS
06 41 00 CUSTOM CABINETS						09 68 50 CARPETING						09 90 00 PAINTS AND COATINGS					
PLAM-1 (Plastic Laminate)		<u>Manufacturer:</u> Formica <u>Color:</u> Brun Refined Hickory <u>Finish:</u> Natural Grain Texture		Casework	Comparable Products by Prior Approval	CPT-1 (Carpet Tile)		<u>Manufacturer:</u> <u>Collection:</u> Patcraft <u>Style Name:</u> On Neutral Ground 1 <u>Color Name:</u> Raw Edge <u>Construction:</u> Slub <u>Size:</u> Multi-Level Pattern Loop <u>Backing:</u> 18" x 36" <u>Installation:</u> Ecoworx Herringbone		Field	Comparable Products by Prior Approval	PNT-1 (Paint)		<u>Manufacturer:</u> Sherwin Williams <u>Color:</u> Worldly Gray <u>Color Code:</u> 245-C1; SW 7043		Field	Approved on
12 36 00 COUNTERTOPS						09 84 30 SOUND ABSORBING WALL AND CEILING UNITS						12 24 00 WINDOW SHADES					
SS-1 (Solid Surface)		<u>Manufacturer:</u> Duraseln <u>Color:</u> Harbor Mist		Countertop	Comparable Products by Prior Approval	AWP-1 (Acoustical Wall Panel)		<u>Manufacturer:</u> <u>Product:</u> Turf <u>Style:</u> Wall Scape <u>Primary Color:</u> Wave <u>Secondary Color:</u> Indigo <u>Install:</u> Happy Beige <u>Size:</u> Vertical Layout <u>Thickness:</u> 48"W x 120"L 18mm		Meditation Room 251E	Comparable Products by Prior Approval	PNT-2		<u>Manufacturer:</u> Sherwin Williams <u>Color:</u> Smoky Blue <u>Color Code:</u> 233-C7; SW 7604		Accent	Approved on
09 65 00 RESILIENT FLOORING/BASE						09 84 30 SOUND ABSORBING WALL AND CEILING UNITS						12 24 00 WINDOW SHADES					
VWB-1 (Vinyl Wall Base)		<u>Manufacturer:</u> Tarkett <u>Size:</u> 4in <u>Color:</u> Gateway		See ID Plans	Comparable Products by Prior Approval	AWP-1 (Acoustical Wall Panel)		<u>Manufacturer:</u> <u>Product:</u> Turf <u>Style:</u> Wall Scape <u>Primary Color:</u> Wave <u>Secondary Color:</u> Indigo <u>Install:</u> Happy Beige <u>Size:</u> Vertical Layout <u>Thickness:</u> 48"W x 120"L 18mm		Meditation Room 251E	Comparable Products by Prior Approval	PNT-3		<u>Manufacturer:</u> Sherwin Williams <u>Color:</u> Anonymous <u>Color Code:</u> 245-C5; SW 7046		Accent	Approved on
VCE-1 (Vinyl Carpet Edge)		<u>Manufacturer:</u> Tarkett <u>Product:</u> Slim Line Transitions <u>Color:</u> Gateway		See ID Plans	Comparable Products by Prior Approval	AWP-1 (Acoustical Wall Panel)		<u>Manufacturer:</u> <u>Product:</u> Turf <u>Style:</u> Wall Scape <u>Primary Color:</u> Wave <u>Secondary Color:</u> Indigo <u>Install:</u> Happy Beige <u>Size:</u> Vertical Layout <u>Thickness:</u> 48"W x 120"L 18mm		Meditation Room 251E	Comparable Products by Prior Approval	PNT-4		<u>Manufacturer:</u> Sherwin Williams <u>Color:</u> Thunder Gray <u>Color Code:</u> 278-C1; SW 7645		Frames	Approved on
08 87 33 DECORATIVE FILMS						09 84 30 SOUND ABSORBING WALL AND CEILING UNITS						12 24 00 WINDOW SHADES					
DF-1 (Decorative Films)		<u>Manufacturer:</u> Decorative Films <u>Pattern:</u> SOLYX SXJ-0547 Feather Gradient			Comparable Products by Prior Approval	AWP-1 (Acoustical Wall Panel)		<u>Manufacturer:</u> <u>Product:</u> Turf <u>Style:</u> Wall Scape <u>Primary Color:</u> Wave <u>Secondary Color:</u> Indigo <u>Install:</u> Happy Beige <u>Size:</u> Vertical Layout <u>Thickness:</u> 48"W x 120"L 18mm		Meditation Room 251E	Comparable Products by Prior Approval	WS-1		<u>Type:</u> Roller Shades <u>Manufacturer:</u> Inpro <u>Product:</u> H100 SoloMount Manual Clutch Shade <u>Fabric:</u> E Screen Deco 3% <u>Fabric Color:</u> Poplar <u>Fascia:</u> No <u>Bead Chain:</u> Plastic <u>Hem:</u> Heat-Sealed Hem Pocket		See ID Plans	Comparable Products by Prior Approval



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WTC COLEMAN CENTER
GENERAL STUDIES OFFICE RENOVATION

Project Title:

HSR Project Number:
26030

Project Date:
SEPTEMBER 29, 2026

Drawn By:
JB/AB

Key Plan:

Revisions:		
No.	Description	Date

Graphic Scale:
VARIES

M001

Project Location:
304 6TH STREET NORTH
LA CROSSE, WI 54602

Sheet Title:
HVAC GENERAL INFO SHEET

MECHANICAL SHEET INDEX

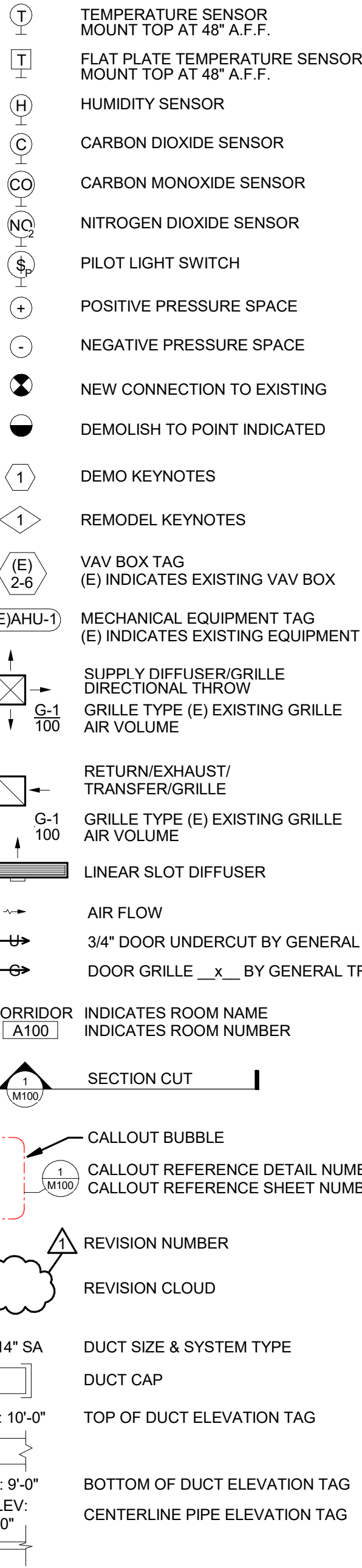
SHEET #	SHEET NAME
M001	HVAC GENERAL INFO SHEET
M100	FLOOR PLANS
M500	HVAC DETAILS
M600	HVAC SCHEDULES

HVAC GENERAL NOTES:

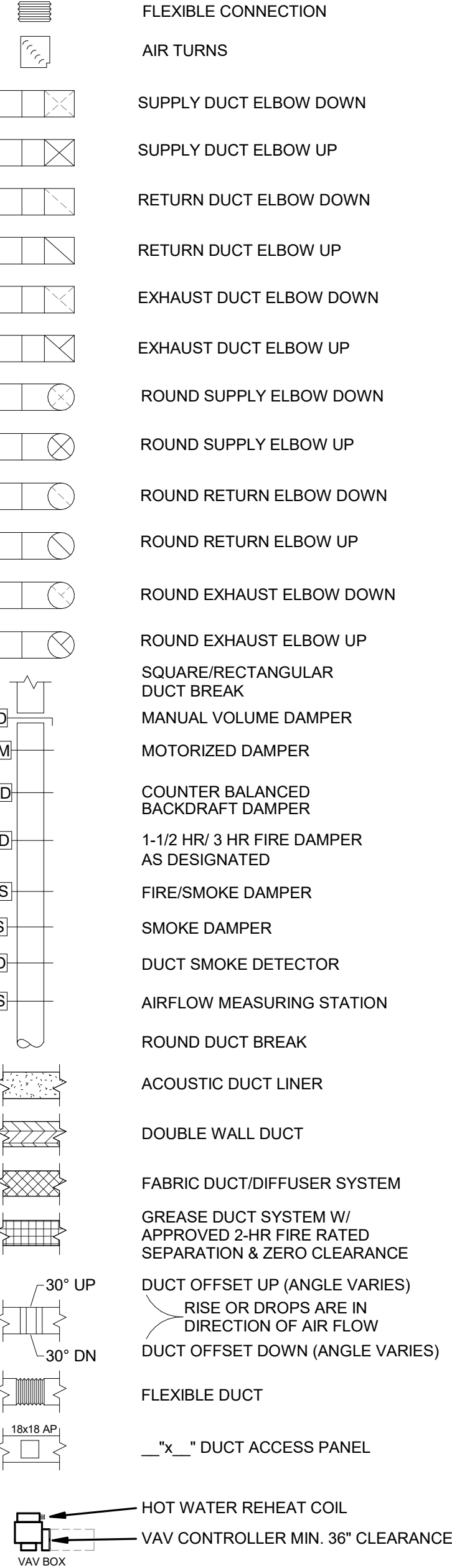
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH NATIONAL, STATE, & CODES; AS WELL AS, THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- ON MECHANICAL "M1" - SERIES DRAWINGS, ITEMS THAT ARE DARK DASHED LINES SHALL BE NEW WORK & ITEMS THAT ARE LIGHT LINES SHALL BE EXISTING TO REMAIN.
- ON MECHANICAL "M09" - SERIES DRAWINGS, ITEMS THAT ARE DARK DASHED LINES SHALL BE REMOVED & ITEMS THAT ARE LIGHT LINES SHALL BE EXISTING TO REMAIN.
- ALL EQUIPMENT, DUCTWORK, & PIPING SHALL BE KEPT CLEAN FROM DIRT & DEBRIS. DO NOT ALLOW THE INSIDE OF DUCT & LINER TO GET DIRTY.
- ALL DUCTWORK SHALL BE CONSTRUCTED TO SMACNA STANDARDS IN ACCORDANCE WITH THE APPROPRIATE PRESSURE CLASSIFICATION.
- DUCTWORK SIZE LISTED ON PLANS ARE INTERNAL FREE AREA DIMENSIONS. THE FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF THE SHOWN OR INDICATED.
- PIPING SIZE LISTED ON PLANS ARE I.D. DIMENSIONS.
- COORDINATE GRILLED/DIFFUSER & ACCESS PANEL LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN.
- COORDINATE THE LOCATIONS OF GRILLES/DIFFUSERS WITH ELECTRICAL LIGHT FIXTURES, LIGHT FIXTURE SUPPORT RODS AND FIRE SPRINKLER HEADS FOR FREE INTERFERENCE.
- ARROWS SHOWN ON THE HOT WATER AND CHILLED WATER PIPING INDICATE THE DIRECTION OF FLOW.
- ARROWS ON THE STEAM, CONDENSATE, & DRAIN PIPING INDICATE DOWNWARD PITCH OF THE PIPING.
- AIR VENTS SHALL BE INSTALLED AT ALL HIGH POINTS & DRAINS AT ALL LOW POINTS OF WATER PIPING SYSTEMS. PIPING CONNECTIONS WITH UNIONS OR FLANGES SHALL BE MADE TO COILS OR TUBE BUNDLES TO FACILITATE REMOVAL OF THAT ITEM WITHOUT DISTURBING THE BRANCH VALVES AND/OR PIPING.
- WATER PIPE CONNECTIONS TO AIR HEATING AND COOLING COILS SHALL BE MADE TO PROVIDE COUNTER FLOW BETWEEN WATER AND AIR.
- COOLING COILS STACKED ONE ABOVE ANOTHER SHALL INCORPORATE DRIP TROUGHS ON THE DOWNSTREAM SIDE OF EACH OF THE UPPER COILS TO ELIMINATE DRIP INTO THE AIR STREAM OF THE BOTTOM COIL. DRIP TROUGHS SHALL BE SLOPED TO ALLOW FOR PROPER DRAINAGE.
- ALL ROOF CURBS SHALL BE 18" TALL UNLESS OTHERWISE NOTED ON PLANS.
- MANUAL VOLUME DAMPERS SHALL BE INSTALLED AT EACH BRANCH TAKE-OFF FROM MAIN SUPPLY, RETURN, & EXHAUST DUCTS. DAMPERS SHALL BE LOCATED AS CLOSE TO THE BRANCH TAKE-OFF AS POSSIBLE & INSTALLED TO ALLOW FOR EASY ACCESS. ABOVE HARD CEILINGS, VOLUME DAMPER SHALL BE INSTALLED BEHIND THE GRILLED/DIFFUSER.
- VOLUME DAMPERS INSTALLED IN EXTERNALLY INSULATED DUCTWORK SHALL BE PROVIDED WITH EXTENDED OPERATOR HANDLE TO OUTSIDE OF INSULATION.
- SHUT-OFF VALVES INSTALLED IN INSULATED PIPING SHALL BE PROVIDED WITH EXTENDED OPERATOR HANDLE TO OUTSIDE OF INSULATION.
- DUCT SIZE TO DIFFUSERS, REGISTERS AND GRILLES SHALL BE SAME SIZE AS NECK SIZE UNLESS NOTED OR DETAILED OTHERWISE.
- INLET DUCT SIZE TO SUPPLY AIR TERMINAL UNITS SHALL BE SAME AS INLET UNLESS OTHERWISE NOTED.
- OUTLET DUCT SIZE FROM EXHAUST AIR TERMINALS SHALL BE THE SAME AS OUTLET UNLESS OTHERWISE NOTED.
- SUPPLY DUCTWORK DOWNSTREAM OF VAV'S SHALL BE INTERNALLY ACOUSTICALLY LINED FOR A MINIMUM OF 6'-0" FOR SOUND ATTENUATION. MAINTAIN INTERNAL FREE AREA.
- ALL MITERED RECTANGULAR/SQUARE ELBOWS SHALL HAVE AIR TURNING VANES.
- CONTRACTOR SHALL FIELD VERIFY LAYOUT AND MANUFACTURER'S INSTALLATION REQUIREMENTS FOR ACTUAL EQUIPMENT PROVIDED.
- CONTRACTOR SHALL COORDINATE LOCATIONS OF HVAC MAINS, BRANCHES PIPING, ETC WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
- PIPING TO TERMINAL HEATING AND COOLING DEVICES SHALL BE 3/4" UNLESS OTHERWISE NOTED. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL EQUIPMENT LOCATIONS. COORDINATE WITH ELECTRICAL TRADE FOR EXACT LOCATIONS.
- PROVIDE FLEXIBLE DUCT CONNECTIONS AT ALL DUCTWORK CONNECTIONS TO AIR HANDLING UNITS, RETURN FANS AND EXHAUST FANS.
- PROVIDE MOTOR COVERS FOR ALL BELT-DRIVEN MOTORS & MOTOR SHAFTS.
- MAINTAIN ACCESS TO AIR TERMINAL BOX CONTROLLER AND REHEAT COIL PIPING CONNECTIONS. INSTALL AIR TERMINAL BOXES AT A HEIGHT THAT IS EASILY ACCESSED.
- AIR TERMINAL UNIT ACTUATOR AND CONTROLLER TO BE MOUNTED ON THE SAME SIDE AS REHEAT COIL PIPING. CONTRACTORS SHALL KEEP ALL WORK CLEAR FROM CLEARANCE IN FRONT OF CONTROLLER & ALLOW ACCESS TO ACTUATOR & SERVICEABLE PIPING ACCESSORIES.
- ALL SIDEWALL GRILLES SHALL BE ALIGNED VERTICALLY AND HORIZONTALLY WHEREVER POSSIBLE. FOR DISCREPANCIES, CONTACT THE ARCHITECT/ENGINEER.
- FRESH AIR INTAKE SHALL BE A MINIMUM DISTANCE OF 10'-0" FROM ANY EXHAUST/RELIEF OUTLET, FLUE, GAS OR PLUMBING VENT. COORDINATE WITH RESPECTIVE TRADES.
- ELEVATION OF PIPING & DUCTWORK INDICATED ON THESE DRAWINGS ARE TO BE USED AS GUIDELINES TO ASSIST WITH INSTALLATIONS. MINOR CHANGES TO THESE ELEVATIONS MAY BE NECESSARY TO ELIMINATE UNFORESEEN INTERFERENCES.
- WHERE WORK INTERFERES WITH OWNER'S USE OF PREMISES, SCHEDULE WORK THROUGH OWNER TO MINIMIZE INCONVENIENCE TO OWNER. OWNER MUST APPROVE SCHEDULE IN WRITING BEFORE CONTRACTOR BEGINS ANY SUCH WORK.
- RECORD (AS-BUILT) DRAWING SHALL BE MAINTAINED ON THE JOB SITE AND SHALL BE SUBMITTED PRIOR TO JOB COMPLETION.

HVAC SYMBOLS

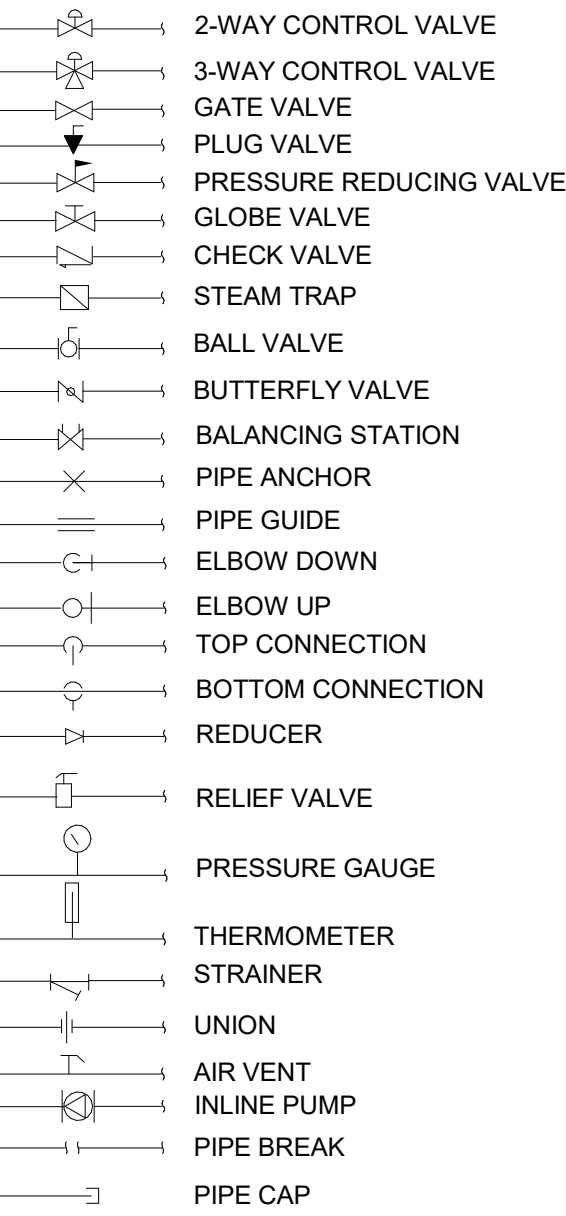
HVAC GENERAL SYMBOLS



HVAC DUCTWORK SYMBOLS



HVAC PIPING SYMBOLS



HVAC PIPING SYSTEM ABBREVIATIONS

SYSTEM ABBREVIATION	SYSTEM TYPE
HWS	HOT WATER HEATING SUPPLY
HWR	HOT WATER HEATING RETURN
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
GTS	GEOTHERMAL WATER SUPPLY
GTR	GEOTHERMAL WATER RETURN
CD	CONDENSATE DRAIN
RS	REFRIGERANT SUCTION
RL	REFRIGERANT LIQUID
RD	REFRIGERANT DISCHARGE
HPS	STEAM HIGH PRESSURE SUPPLY
HPR	STEAM HIGH PRESSURE RETURN
LPS	STEAM LOW PRESSURE SUPPLY
LPR	STEAM LOW PRESSURE RETURN
PD	PUMP DISCHARGE
LPGAS	LP GAS
NGAS	NATURAL GAS
HWS	EXISTING HOT WATER HEATING SUPPLY
HWR	EXISTING HOT WATER HEATING RETURN
CWS	EXISTING CHILLED WATER SUPPLY
CWR	EXISTING CHILLED WATER RETURN
GTS	EXISTING GEOTHERMAL WATER SUPPLY
GTR	EXISTING GEOTHERMAL WATER RETURN
CD	EXISTING CONDENSATE DRAIN
RS	EXISTING REFRIGERANT SUCTION
RL	EXISTING REFRIGERANT LIQUID
RD	EXISTING REFRIGERANT DISCHARGE
HPS	EXISTING STEAM HIGH PRESSURE SUPPLY
HPR	EXISTING STEAM HIGH PRESSURE RETURN
LPS	EXISTING STEAM LOW PRESSURE SUPPLY
LPR	EXISTING STEAM LOW PRESSURE RETURN
PD	EXISTING PUMP DISCHARGE
LPGAS	EXISTING LP GAS
NGAS	EXISTING NATURAL GAS
SA	SUPPLY AIR
RA	RETURN AIR
EA	EXHAUST AIR
OA	OUTSIDE AIR
TA	TRANSFER AIR
SA	EXISTING SUPPLY AIR
RA	EXISTING RETURN AIR
EA	EXISTING EXHAUST AIR
OA	EXISTING OUTSIDE AIR
TA	EXISTING TRANSFER AIR

HVAC EQUIPMENT ABBREVIATIONS

ABBREVIATION	SYSTEM TYPE
ACC-1	AIR COOLED CHILLER
AC-1	AIR CURTAIN
AFMS-1	AIRFLOW MEASURING STATION
AHU-1	AIR HANDLING UNIT
AS-1	AIR/DIRT SEPARATOR
AV-1	AIR VALVE
B-1	BOILER
BCU-1	BLOWER COIL UNIT
CU-1	CEILING FAN
OP-1	CONDENSING UNIT
CC-1	COOLING COIL
CE-1	CEILING EXHAUSTER
CP-1	CONDENSATE PUMP
CT-1	COOLING TOWER
DU-1	DUCT HEATER
CUH-1	CABINET UNIT HEATER
CWP-1	CHILLED WATER PUMP
CK-1	CHECK VALVE
CG-1	CEILING EXHAUSTER
DO-1	DUCT COIL
DT-1	DESTRATIFICATION FAN
DH-1	DUCT HEATER
DOAS-1	DEDICATED OUTDOOR AIR SYSTEM
EF-1	EXHAUST FAN
ERC-1	ENERGY RECOVERY COIL
ERCP-1	ENERGY RECOVERY COIL PUMP
ERV-1	ENERGY RECOVERY VENTILATOR
ET-1	EXPANSION TANK
F-1	FURNACE
FCU-1	FAN COIL UNIT
FU-1	FAN FILTER UNIT
FM-1	FLOW METER
G-1	GRILLES, REGISTERS, AND DIFFUSERS
GH-1	GAS FIRED UNIT HEATER
GK-1	GRAVITY EXHAUSTER
H-1	HUMIDIFIER
HCC-1	HEATING COIL
HCP-1	HEATING COIL PUMP
HP-1	HEAT PUMP
HW-1	HEAT WHEEL
HWP-1	HEATING WATER PUMP
HX-1	HEAT EXCHANGER
IH-1	INFRARED HEATER
KX-1	KITCHEN EXHAUST HOOD
L-1	LOUVER
MAU-1	MAKE-UP AIR UNIT
MS-1	MINI-SPLIT UNIT
P-1	PUMP
PF-1	PROPPELLER FAN
PRV-1	PRESSURE REDUCING VALVE
PTAC-1	PACKAGED TERMINAL AIR CONDITIONING UNIT
RF-1	RETURN/RELIEF FAN
RFP-1	RADIANT FLOOR PUMP
RH-1	ROOF HOOD
RHC-1	REHEAT COIL
RP-1	RADIANT PANEL
RTU-1	ROOFTOP UNIT
RX-1	ROOF EXHAUSTER
SA-1	SOUND ATTENUATOR
SC-1	SELF CONTAINED UNIT
SF-1	SUPPLY FAN
SFU-1	SYSTEM FEEDER UNIT
ST-1	SOUND TRAP
TOP-1	TEMPERATURE CONTROL PANEL
UB-1	UTILITY BLOWER
UH-1	UNIT HEATER
UV-1	UNIT VENTILATOR
VAV-1	VARIABLE AIR VOLUME BOX
VFD-1	VARIABLE FREQUENCY DRIVE
WC-1	WATER CHILLER
WF-1	WALL FIN
WU-1	WATER FILTER UNIT
WX-1	WALL EXHAUSTER
WV-1	WALL VENT

HVAC DUCTWORK SYSTEM ABBREVIATIONS

SYSTEM ABBREVIATION	SYSTEM TYPE
SA	SUPPLY AIR
RA	RETURN AIR
EA	EXHAUST AIR
OA	OUTSIDE AIR
TA	TRANSFER AIR
SA	EXISTING SUPPLY AIR
RA	EXISTING RETURN AIR
EA	EXISTING EXHAUST AIR
OA	EXISTING OUTSIDE AIR
TA	EXISTING TRANSFER AIR

GENERAL ABBREVIATIONS

ABBREVIATION	SYSTEM TYPE
A	AMPERE
AC	ALTERNATING CURRENT
AC	AIR CONDITIONING
AC	AIR CURTAIN
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AFR	ABOVE FINISHED ROOF
AMPS	AMPERES
AP	ACCESS PANEL
AUX	AUXILIARY
AVG	AVERAGE
BD	BACKDRAFT DAMPER
BOP	BOTTOM OF BEAM
BOD	BOTTOM OF DUCT
BOJ	BOTTOM OF JOIST
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STEEL
BHP	BRAKE HORSEPOWER
BASEMT	BASMENT
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CAP	CAPACITY
CFM	CUBIC FEET PER MINUTE
CL	CENTERLINE
CLG	CLEARING
CO	CLEANOUT
CONT.	CONTINUE
CU FT	CUBIC FEET
CU IN.	CUBIC INCHES
CH	CHANGE IN PRESSURE
CH	CHANGE IN TEMPERATURE
°	DEGREE
DB	DRY BULB
DC	DIRECT CURRENT
DD	DIRECT DIGITAL CONTROLS
DIA.	DIAMETER
DISC.	DISCONNECT
DN	DOWN
DP	DEWPOINT
DWG	DRAWING
DX	DIRECT EXPANSION (REFRIGERATION)
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY BULB TEMPERATURE
EFF.	EFFICIENCY
EWB	ENTERING WET BULB TEMPERATURE
ESP	EXTERNAL STATIC PRESSURE
ETR	EXISTING TO REMAIN
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
EXH	EXHAUST
EXH	DEGREES FAHRENHEIT
FA	FIRE DAMPER
FF	FROM FLOOR ABOVE
FFB	FROM FLOOR BELOW
FLA	FULL LOAD AMPS
FLR	FLOOR
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FEET
GAL	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD (FEET)
HP	HORSEPOWER
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
HW	HOT WATER
HZ	FREQUENCY
ID	INSIDE DIAMETER
IN.	INCH OR INCHES
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LWB	LEAVING DRY BULB TEMPERATURE
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAT	MIXED AIR TEMPERATURE
MBH	THOUSAND BTUs PER HOUR
MCA	MECHANICAL
MECH	MECHANICAL
MFR	MANUFACTURER
MOCP	MAXIMUM OVER CURRENT PROTECTION
MTD	MOUNTED
NC	NORMALLY CLOSED
NOT IN CONTRACT	NOT IN CONTRACT
NIC	NORMALLY OPEN
NOM.	NOMINAL
NPS	NOMINAL PIPE SIZE
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OBD	OPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER
OCFI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
PD	PRESSURE DROP
PS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIG	PSI GAUGE
PVC	POLYVINYL CHLORIDE
RD	ROUND DIAMETER
RAT	RETURN AIR TEMPERATURE
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
SAT	SUPPLY AIR TEMPERATURE
SF	SQUARE FEET
SHT	SHEET
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SPO	SPEED
SS	STAINLESS STEEL
STD	STANDARD
SW	SWITCH
THW	THROW AWAY
TEMP	TEMPERATURE
TFA	TO FLOOR ABOVE
TFB	TO FLOOR BELOW
TOD	TOP OF DUCT
TOD	TOP OF BEAM
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
TR	TYPICAL
UC	UNDERCUT DOOR
UNO	UNLESS NOTED OTHERWISE
UTR	UP THRU ROOF
V	VOLTS
VEL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
WB	WET BULB
W	WITH

HVAC GRILLES,REGISTERS & DIFFUSERS ABBREVIATIONS

ABBREVIATION	SYSTEM TYPE
E-1	EXHAUST GRILLE
R-1	RETURN GRILLE
S-1	SUPPLY GRILLE
T-1	TRANSFER GRILLE
(E)	EXISTING GRILLE

HVAC PIPE SIZING CHART

REQUIRED PIPE SIZE	COPPER PIPE GPM	IRON PIPE GPM
1/2"	0 - 1.1	
3/4"	1.2 - 3.0	
1"	3.1 - 6.6	
1-1/4"	6.7 - 11.3	6.8 - 14.0
1-1/2"	11.4 - 18.0	14.1 - 21.0
2"	18.1 - 38.0	21.1 - 41.0
2-1/2"	38.1 - 69.0	41.1 - 66.0
3"	69.1 - 109.0	66.1 - 119.0
4"		119.1 - 242.0
5"		242.1 - 440.0
6"		440.1 - 710.0

SR Project Number:	26030
Project Date:	SEPTEMBER 29, 2026
Drawn By:	JB/AB
Key Plan:	

Revisions:		
No.	Description	Date

Graphic Scale:

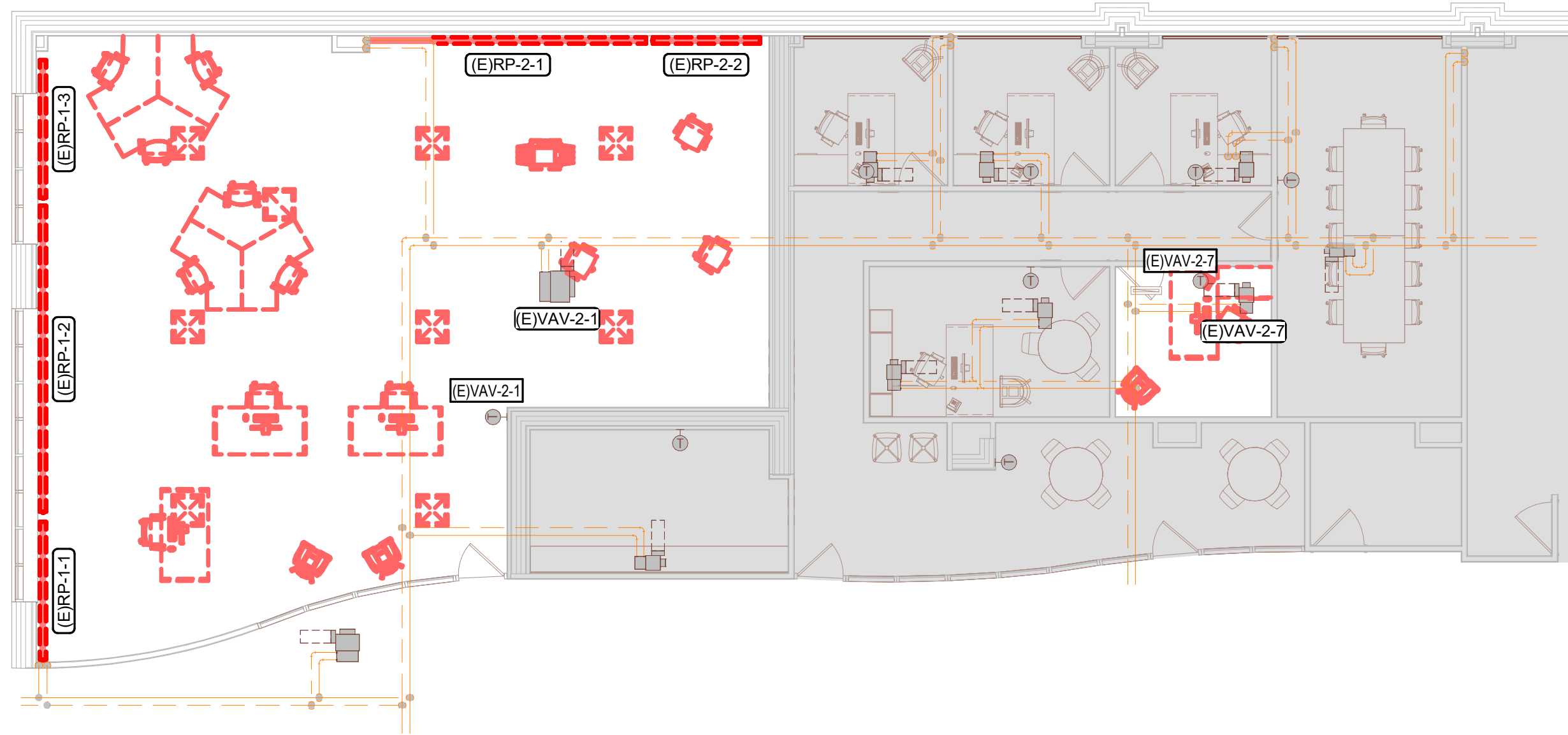


A horizontal scale bar with alternating black and white segments. Below the bar are tick marks and labels for 0', 1', 2', 4', and 6'.

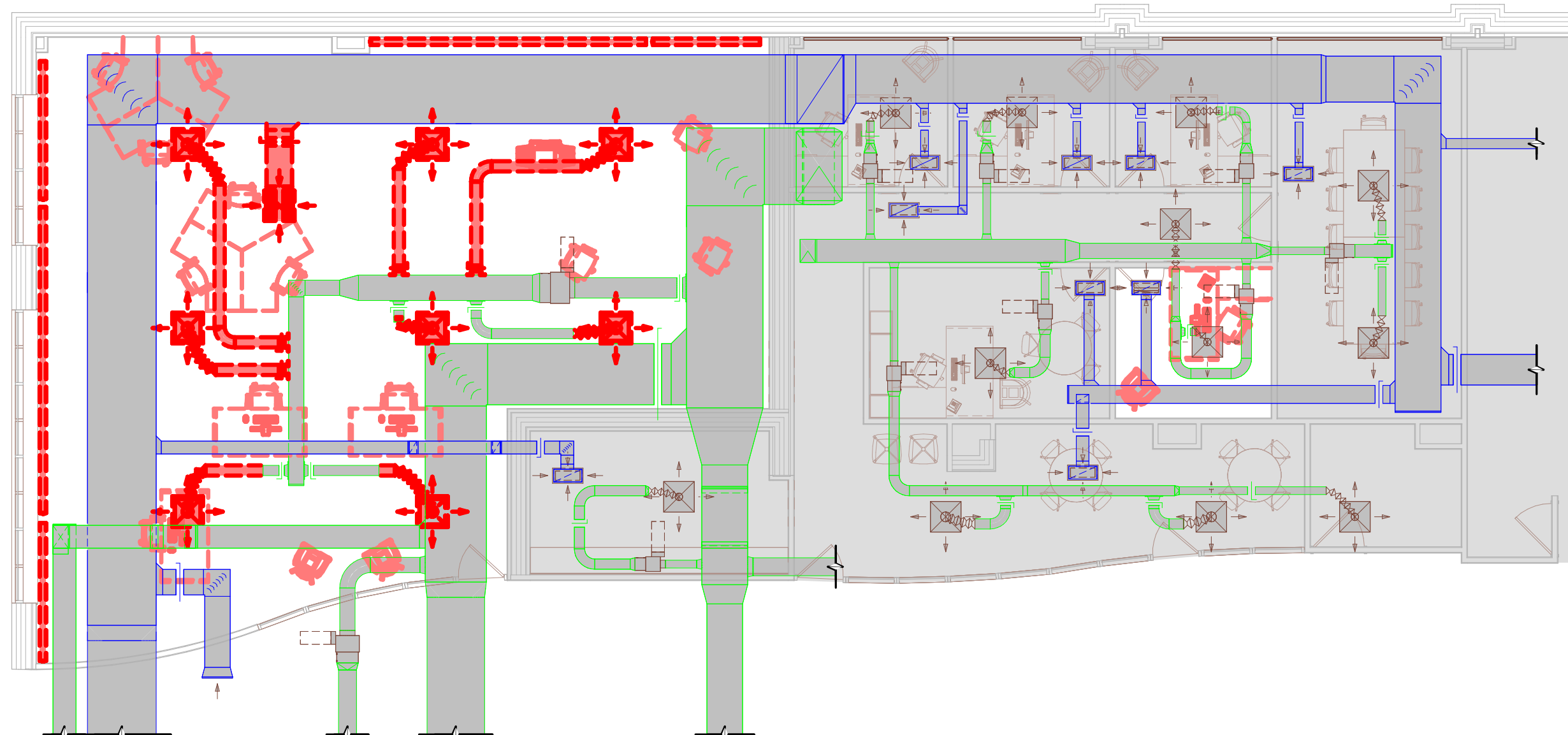
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# KEYNOTES - DEMO	
Keynote Number	Keynote Description
#	ALL REMOVED ITEMS THAT THE OWNER WANTS SHALL BE REMOVED AND TURNED OVER TO THE OWNER AT DESIGNATED STORAGE SPACE ON SITE. ALL REMAINING ITEMS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.

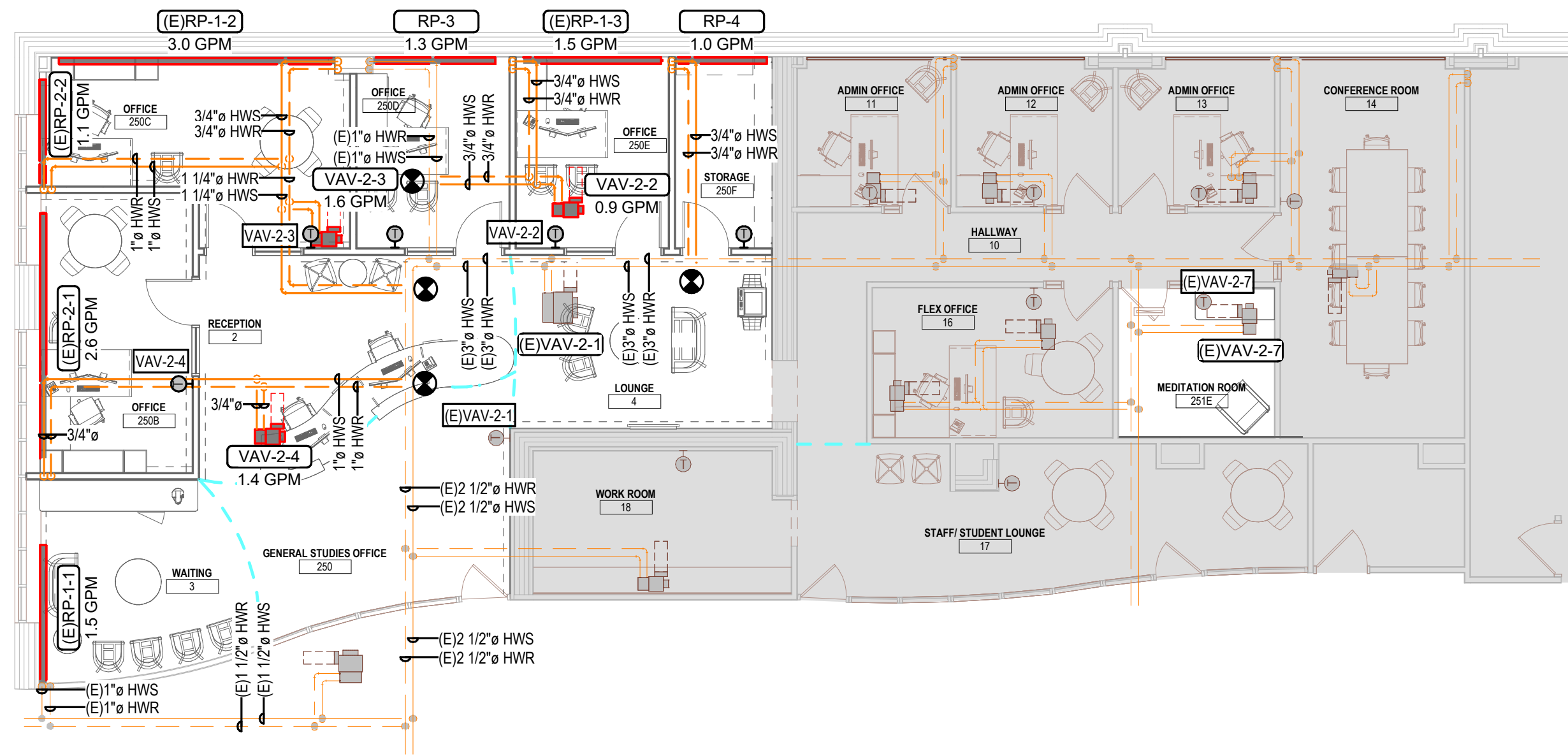
◆ KEYNOTES - REMODEL	
Keynote Number	Keynote Description
#	COORDINATE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH CEILING GRID. SPRINKLER HEADS, RECESSED LIGHTING AND ALL OTHER CEILING MOUNTED EQUIPMENT.



NORTH
 **1** MECHANICAL PIPING REMOVAL PLAN
1/8" = 1'-0"

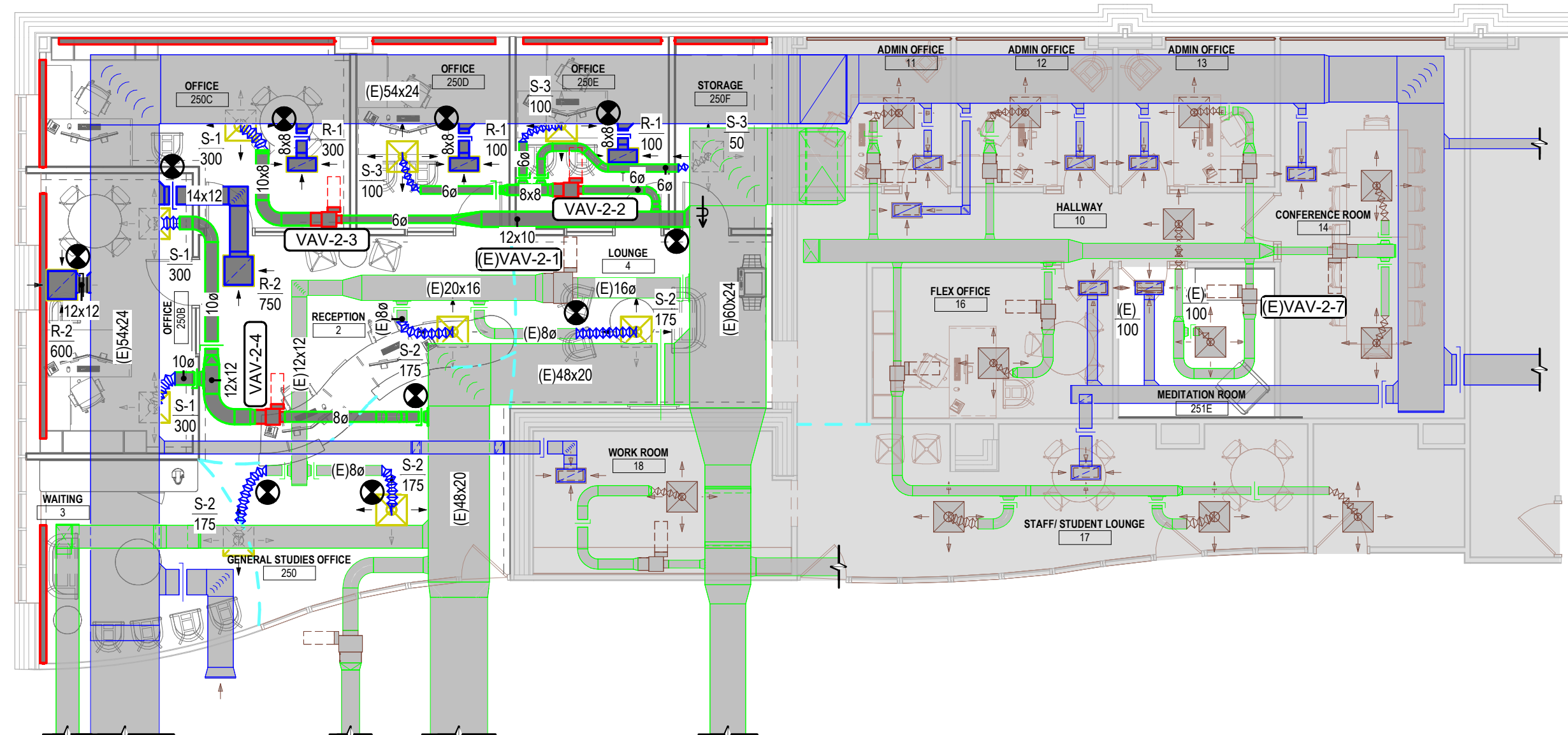


 **3** MECHANICAL DUCTWORK REMOVAL PLAN
1/8" = 1'-0"



 **2** MECHANICAL PIPING REMODEL PLAN
1/8" = 1'-0"

BALANCING NOTE:
PROVIDE COMPLETE WATER & AIR
BALANCING OF ALL REMODELED AREAS

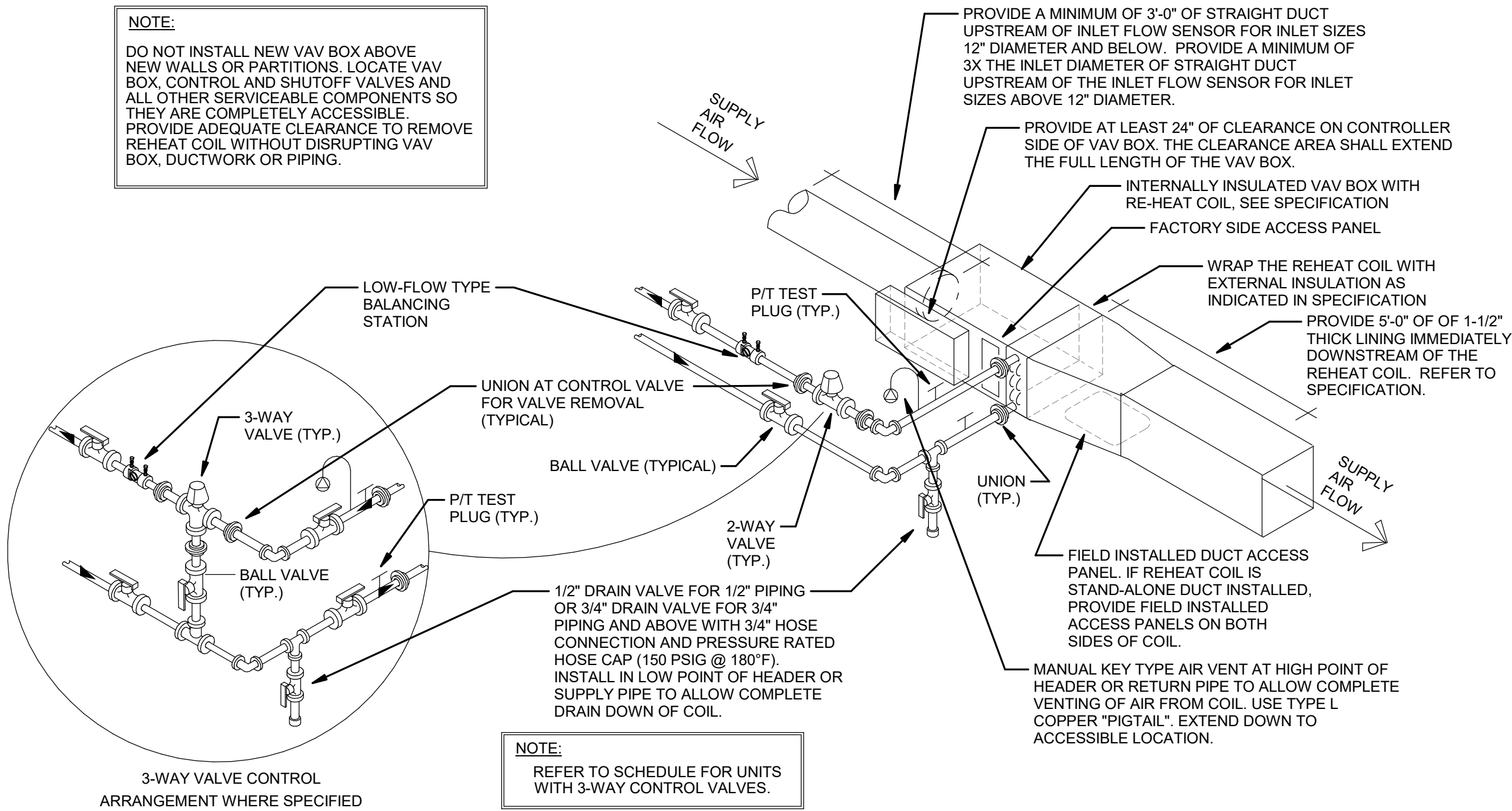


 **4** MECHANICAL DUCTWORK REMODEL PLAN
1/8" = 1'-0"

VARIABLE AIR VOLUME TERMINAL UNIT SCHEDULE																									
UNIT NO.	SYSTEM	MANUFACTURER	MODEL NO.	PRIMARY		HOT WATER HEATING COIL														REFERENCE				REMARKS: PROVIDE ULTRA LOW AIR LEAKAGE, 1" DUAL WALL INSULATION	
				MAXIMUM AIRFLOW	MINIMUM AIRFLOW	AIRSIDE					HOT WATER				NC LEVEL DISCHARGE / RADIATED AHRI 885-98/08	UNIT WEIGHT	CONTROL VALVE 2-WAY UNO								
						MAX. HEATING AIRFLOW	HEATING CAP.	EAT DB	LAT DB	PRESS. DROP	ROWS	FLOW	EWT	DELTA T				PRESS. DROP	GLYCOL TYPE	GLYCOL					
VAV-2-2	(E)AHU-2	TRANE	VCWFF06	250 CFM	100 CFM	250 CFM	7,590 Btu/h	55 °F	90 °F	0.13 in-wg	2	0.9 GPM	140 °F	18 °F	0.60 RH2O	PROPYLENE	35%	24/15	31 lb	1M600					
VAV-2-3	(E)AHU-2	TRANE	VCWFF06	300 CFM	150 CFM	300 CFM	11,380 Btu/h	55 °F	90 °F	0.26 in-wg	2	1.6 GPM	140 °F	15 °F	1.71 RH2O	PROPYLENE	35%	27/15	31 lb	1M600					
VAV-2-4	(E)AHU-2	TRANE	VCWFF08	600 CFM	300 CFM	600 CFM	22,770 Btu/h	55 °F	90 °F	0.36 in-wg	4	1.4 GPM	140 °F	35 °F	0.82 RH2O	PROPYLENE	35%	20/15	54 lb	1M600					
(E)AHU-2: 3				1150 CFM	550 CFM	1150 CFM	41,750 Btu/h					3.9 GPM													
Grand total: 3				1150 CFM	550 CFM	1150 CFM	41,750 Btu/h					3.9 GPM													

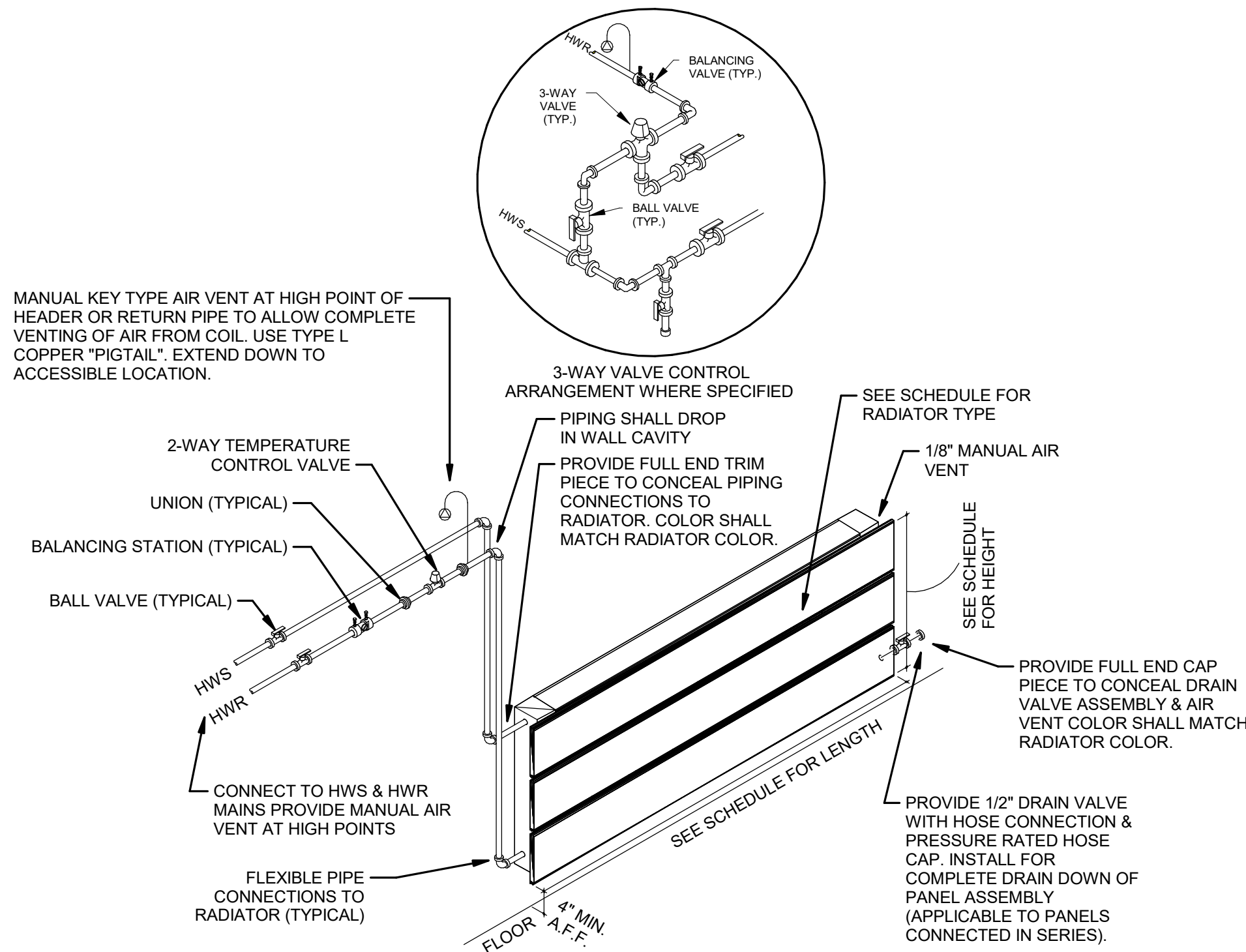
HYDRONIC RADIANT PANEL SCHEDULE																							
EXISTING	UNIT NO.	MANUFACTURER	MODEL NO.	TYPE	HOT WATER HEATING COIL												DIMENSIONS			REFERENCE		REMARKS: PROVIDE ALL REQUIRED TRIM PANELS TO CONCEAL PIPING FOR A CONTINUOUS PANEL APPEARANCE	
					AIRSIDE				HOT WATER								LENGTH	ENCLOSURE HEIGHT	BOTTOM MOUNTING HEIGHT	ZONE	DETAIL NO.		CONTROL VALVE
					HEATING CAP.	HEATING CAP. PER LENGTH	EAT DB	ROWS	TUBE DIAMETER	FLOW	EWT	LWT	PRESS. DROP	GLYCOL TYPE	GLYCOL								
E	RP-1-1	RUNTAL	R3F-2	WALL MOUNTED	7,380 Btu/h	820.0 Btu/(h·ft²)	65 °F	2	3/4"	1.5 GPM	140 °F	130 °F	0.45 RH2O	PROPYLENE	30%	9' - 0"	5 1/2"	1"		2M600	2-WAY	PROVIDE FULL CENTER & END CAPS WITH FLOOR RETURN TO CONCEAL PIPING	
E	RP-1-2	RUNTAL	R3F-2	WALL MOUNTED	14,760 Btu/h	820.0 Btu/(h·ft²)	65 °F	2	3/4"	3.0 GPM	140 °F	130 °F	1.72 RH2O	PROPYLENE	30%	18' - 0"	5 1/2"	1"		2M600	2-WAY	PROVIDE FULL CENTER & END CAPS WITH FLOOR RETURN TO CONCEAL PIPING	
E	RP-1-3	RUNTAL	R3F-2	WALL MOUNTED	7,380 Btu/h	820.0 Btu/(h·ft²)	65 °F	2	3/4"	1.5 GPM	140 °F	130 °F	0.45 RH2O	PROPYLENE	30%	9' - 0"	5 1/2"	1"		2M600	2-WAY	PROVIDE FULL CENTER & END CAPS WITH FLOOR RETURN TO CONCEAL PIPING	
E	RP-2-1	RUNTAL	R3F-2	WALL MOUNTED	13,120 Btu/h	820.0 Btu/(h·ft²)	65 °F	2	3/4"	2.6 GPM	140 °F	130 °F	1.21 RH2O	PROPYLENE	30%	16' - 0"	5 1/2"	1"		2M600	2-WAY	PROVIDE FULL CENTER & END CAPS WITH FLOOR RETURN TO CONCEAL PIPING	
E	RP-2-2	RUNTAL	R3F-2	WALL MOUNTED	5,740 Btu/h	820.0 Btu/(h·ft²)	65 °F	2	3/4"	1.1 GPM	140 °F	130 °F	0.21 RH2O	PROPYLENE	30%	7' - 0"	5 1/2"	1"		2M600	2-WAY	PROVIDE FULL CENTER & END CAPS WITH FLOOR RETURN TO CONCEAL PIPING	
	RP-3	RUNTAL	R3F-2	WALL MOUNTED	6,560 Btu/h	820.0 Btu/(h·ft²)	65 °F	2	3/4"	1.3 GPM	140 °F	130 °F	1.26 RH2O	PROPYLENE	30%	8' - 0"	5 1/2"	1"		2M600	2-WAY	PROVIDE FULL CENTER & END CAPS WITH FLOOR RETURN TO CONCEAL PIPING	
	RP-4	RUNTAL	R3F-2	WALL MOUNTED	4,920 Btu/h	820.0 Btu/(h·ft²)	65 °F	2	3/4"	1.0 GPM	140 °F	130 °F	0.21 RH2O	PROPYLENE	30%	6' - 0"	5 1/2"	1"		2M600	2-WAY	PROVIDE FULL CENTER & END CAPS WITH FLOOR RETURN TO CONCEAL PIPING	
7					59,960 Btu/h									12.0 GPM									
Grand total: 7					59,960 Btu/h									12.0 GPM									

AIR DISTRIBUTION DEVICES SCHEDULE									
UNIT REF.	SYSTEM TYPE	SIZE	LOCATION	DAMPER	MANUFACTURER (OR EQUAL)	MODEL NUMBER	CONSTRUCTION	MOUNTING	COMMENTS
RETURN									
R-1	RETURN	24x12 Grille 22x10 Duct Connection	CEILING	-	Krueger	EGC-5 1/2" EGG CRATE	ALUMINUM	LAY-IN	
R-2	RETURN	24x24 Grille 22x22 Duct Connection	CEILING	-	Krueger	EGC-5 1/2" EGG CRATE	ALUMINUM	LAY-IN	
RETURN: 5									
SUPPLY									
S-1	SUPPLY	24x24 Neck Size 10"e	CEILING	-	Krueger	SERIES PLQ 4-WAY	STEEL	LAY-IN	
S-2	SUPPLY	24x24 Neck Size 08"e	CEILING	-	Krueger	SERIES PLQ 4-WAY	STEEL	LAY-IN	
S-3	SUPPLY	24x24 Neck Size 06"e	CEILING	-	Krueger	SERIES PLQ 4-WAY	STEEL	LAY-IN	
SUPPLY: 10									



1 VAV BOX DETAIL - HW REHEAT COIL

1/8" = 1'-0"



2 RADIATOR PANEL PIPING DETAIL

3/32" = 1'-0"



Revisions:		
No.	Description	Date

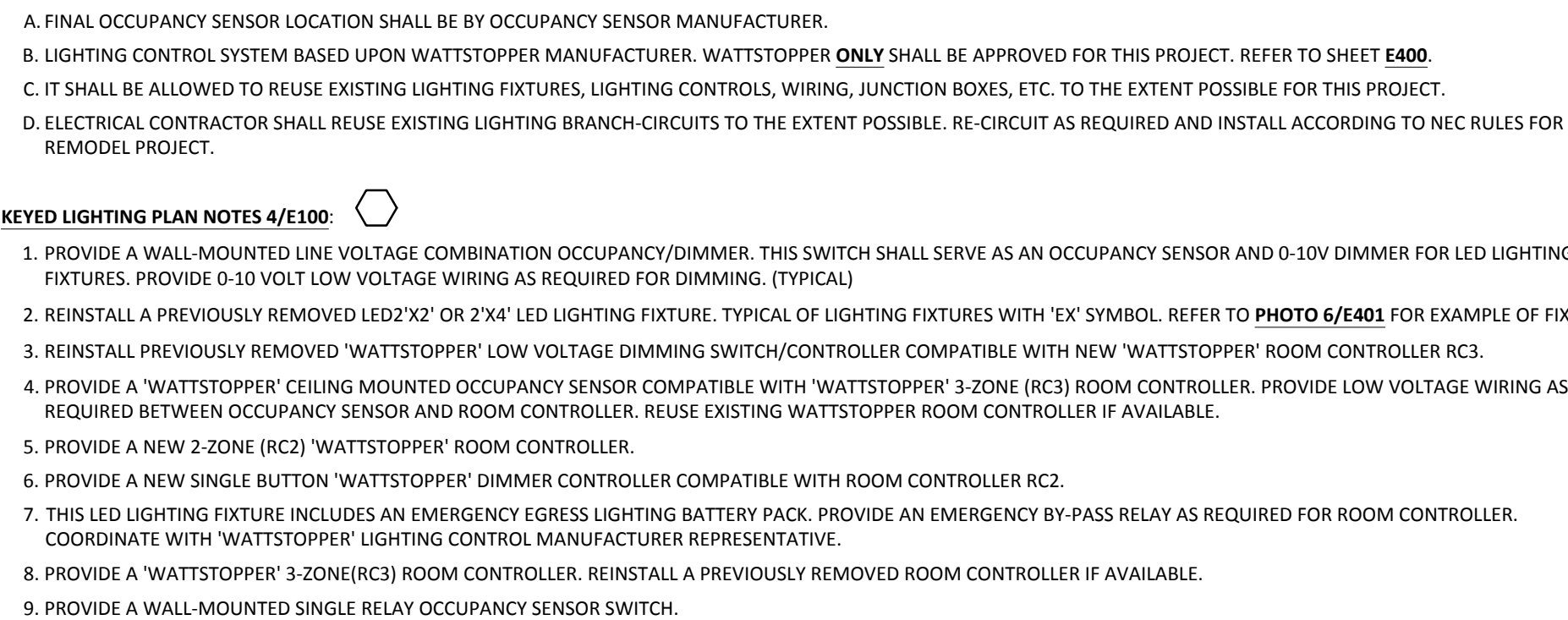
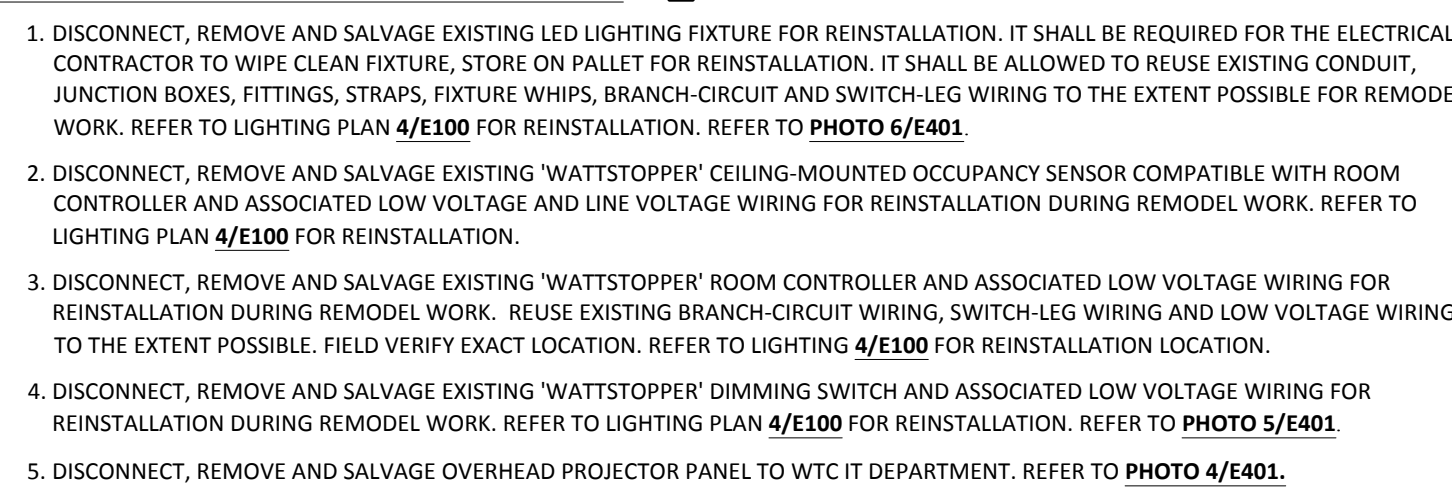


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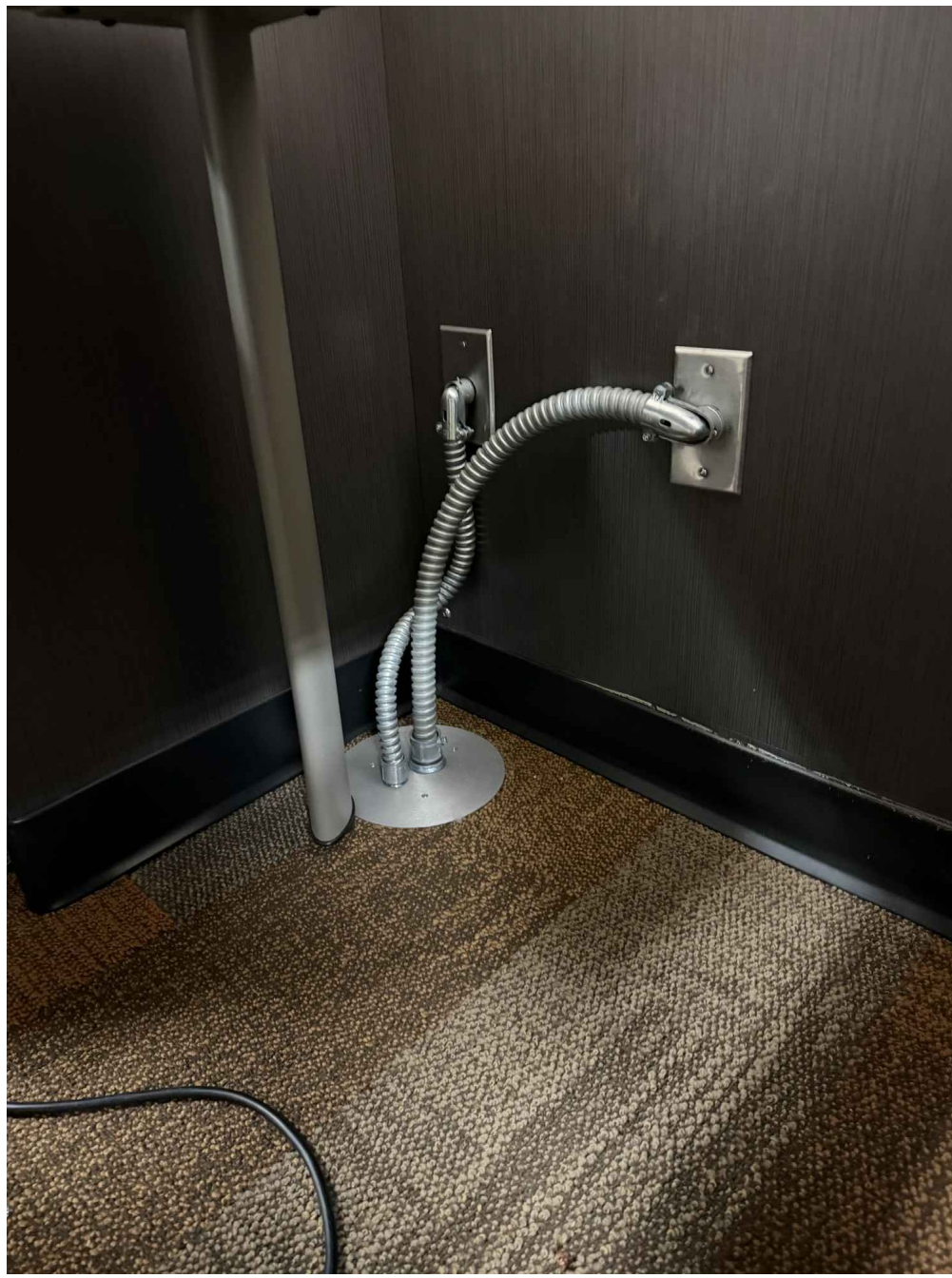
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ELECTRICAL PLANS & LIGHT FIXTURE SCHEDULE



Last Update: **09/25/26**

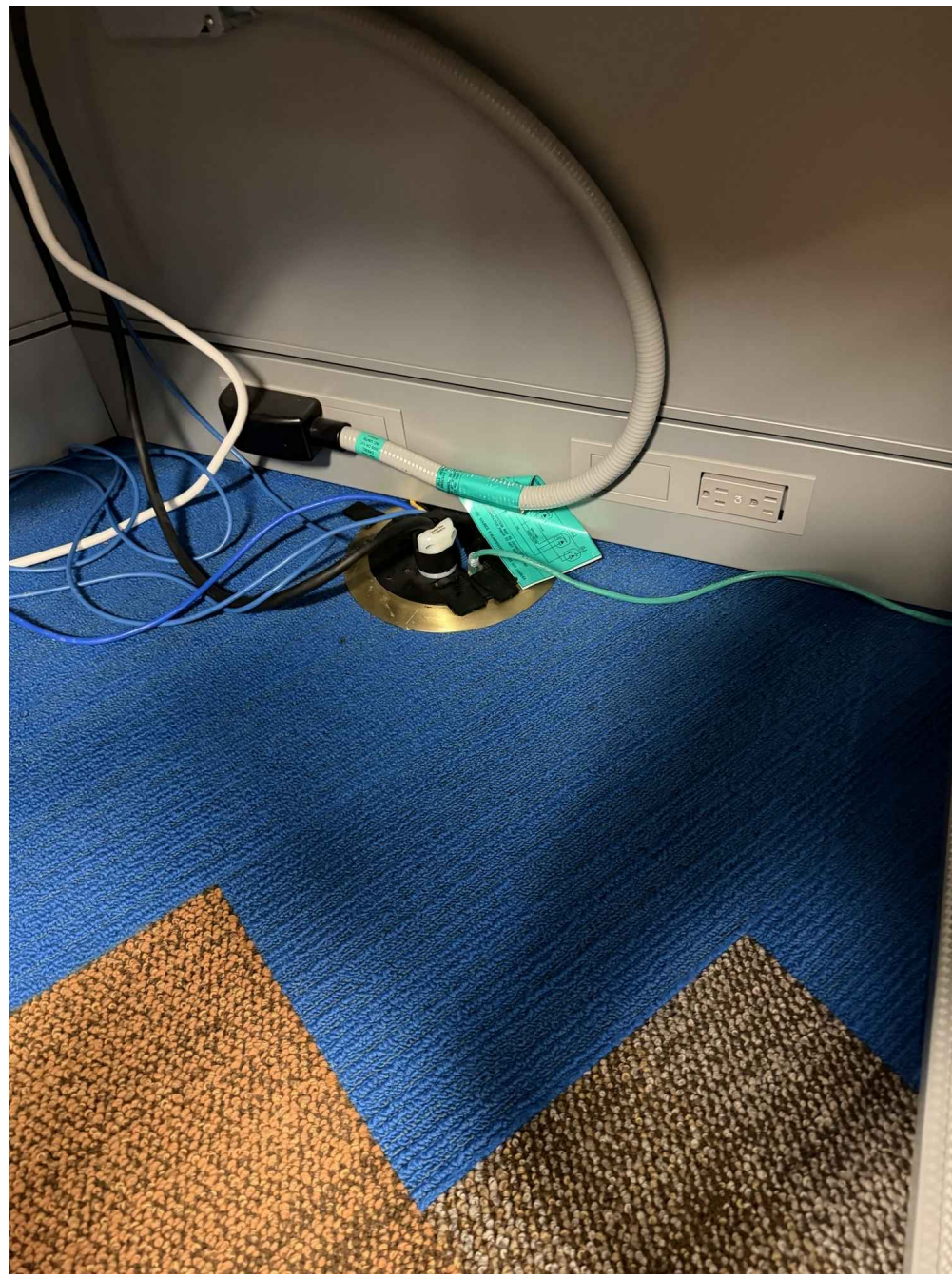
E100



1 PHOTO #1
E401 3364



2 PHOTO #2
E401 3365



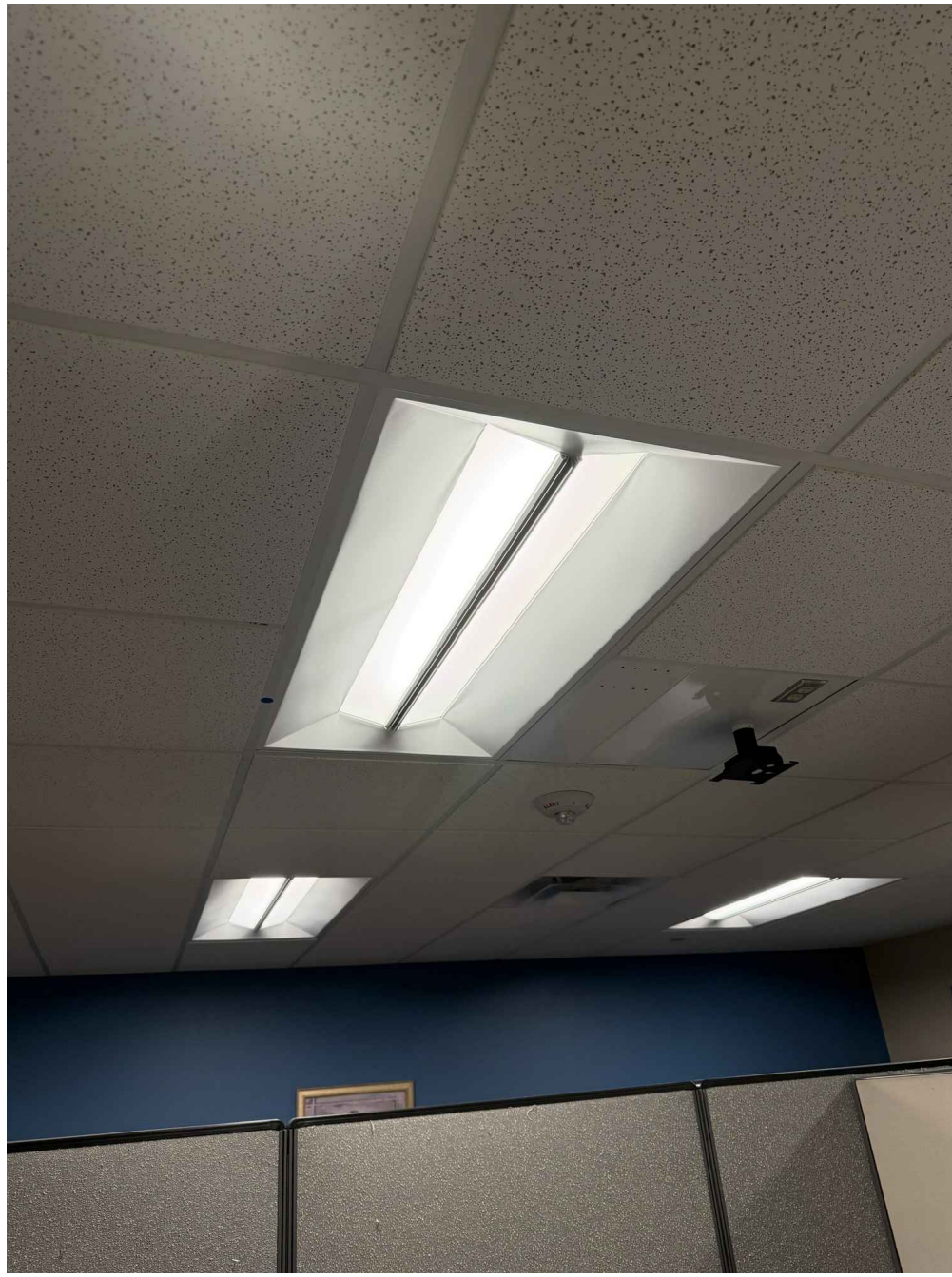
3 PHOTO #3
E401 3366



4 PHOTO #4
E401 3368



5 PHOTO #5
E401 3370



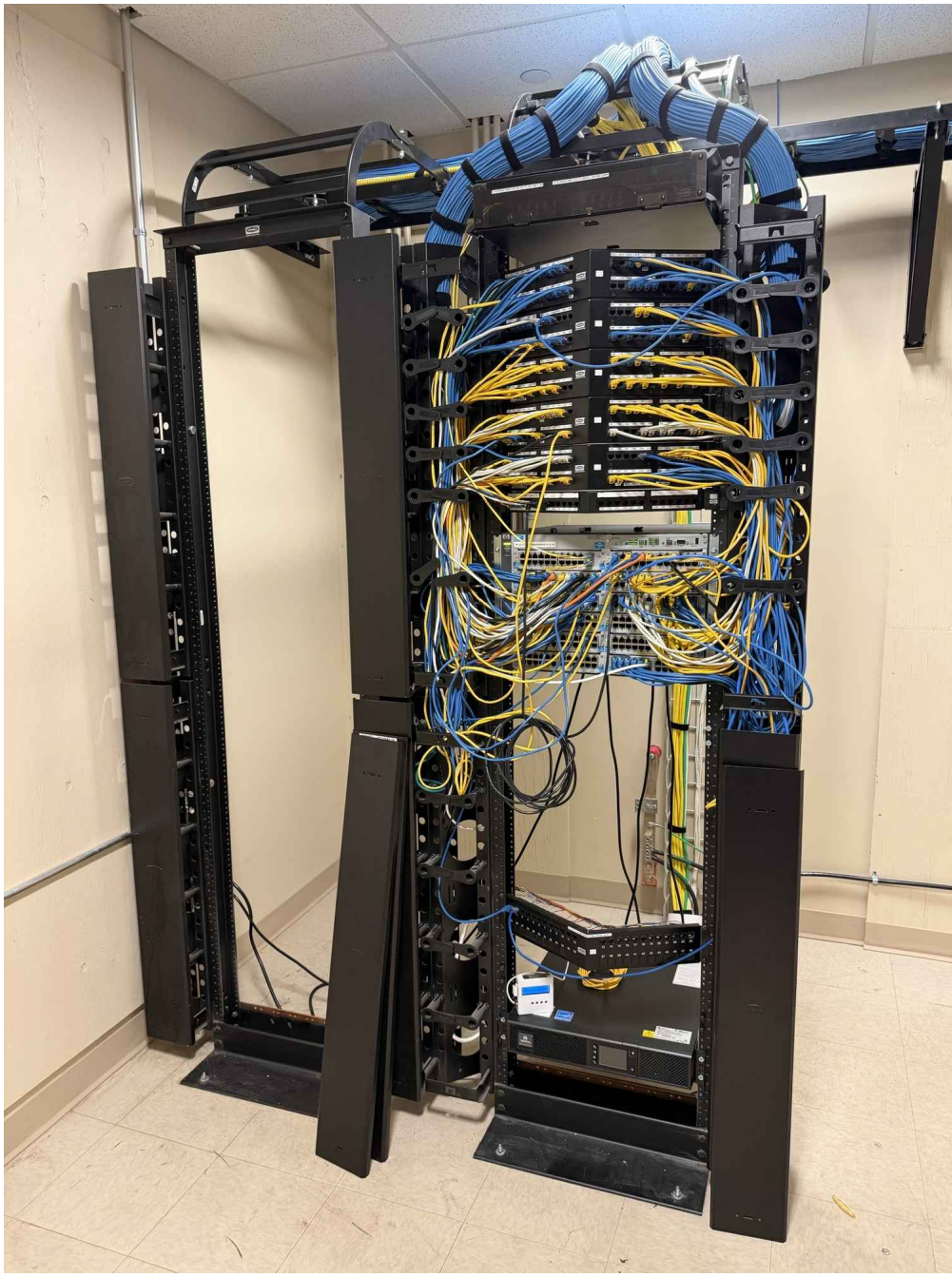
6 PHOTO #6
E401 3372



7 PHOTO #7
E401 3373



8 PHOTO #8
E401 3381



9 PHOTO #9
E401 3384



10 PHOTO #10
E401 3388