

TENANT IMPROVEMENTS THIRD FLOOR CHILD SUPPORT RENOVATION CITY-COUNTY BUILDING 210 MARTIN LUTHER KING, JR. BLVD. MADISON, WISCONSIN

ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
A.F.F.	ABOVE FINISHED FLOOR
AL	ALUMINUM
AP	ACCESS PANEL
CG	CORNER GUARD
CJ	CONTROL JOINT
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CT	CERAMIC TILE
CUH	CABINET UNIT HEATER
EJ	EXPANSION JOINT
EWC	ELECTRIC WATER COOLER
FD	FLOOR DRAIN
FO	FOUNDATION DRAIN SYSTEM FLUSHOUT
FRT	FIRE TREATED
FX-#	FIRE EXTINGUISHER AND TYPE
GWB	GYPSUM WALL BOARD
HM	HOLLOW METAL
MB	MARKER BOARD
TB	TACK BOARD
BB	BULLETIN BOARD
M.O.	MASONRY OPENING
N.I.C.	NOT IN CONTRACT
O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED
O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
OPP	OPPOSITE
P.LAM.	PLASTIC LAMINATE
REV	REVERSE
R.O.	ROUGH OPENING
S.S.	STAINLESS STEEL
TZO	TERRAZZO
U.N.O.	UNLESS NOTED OTHERWISE
VCT	VINYL COMPOSITION TILE
WD	WOOD
WP	WATER PROOFING
WPT	WORK POINT

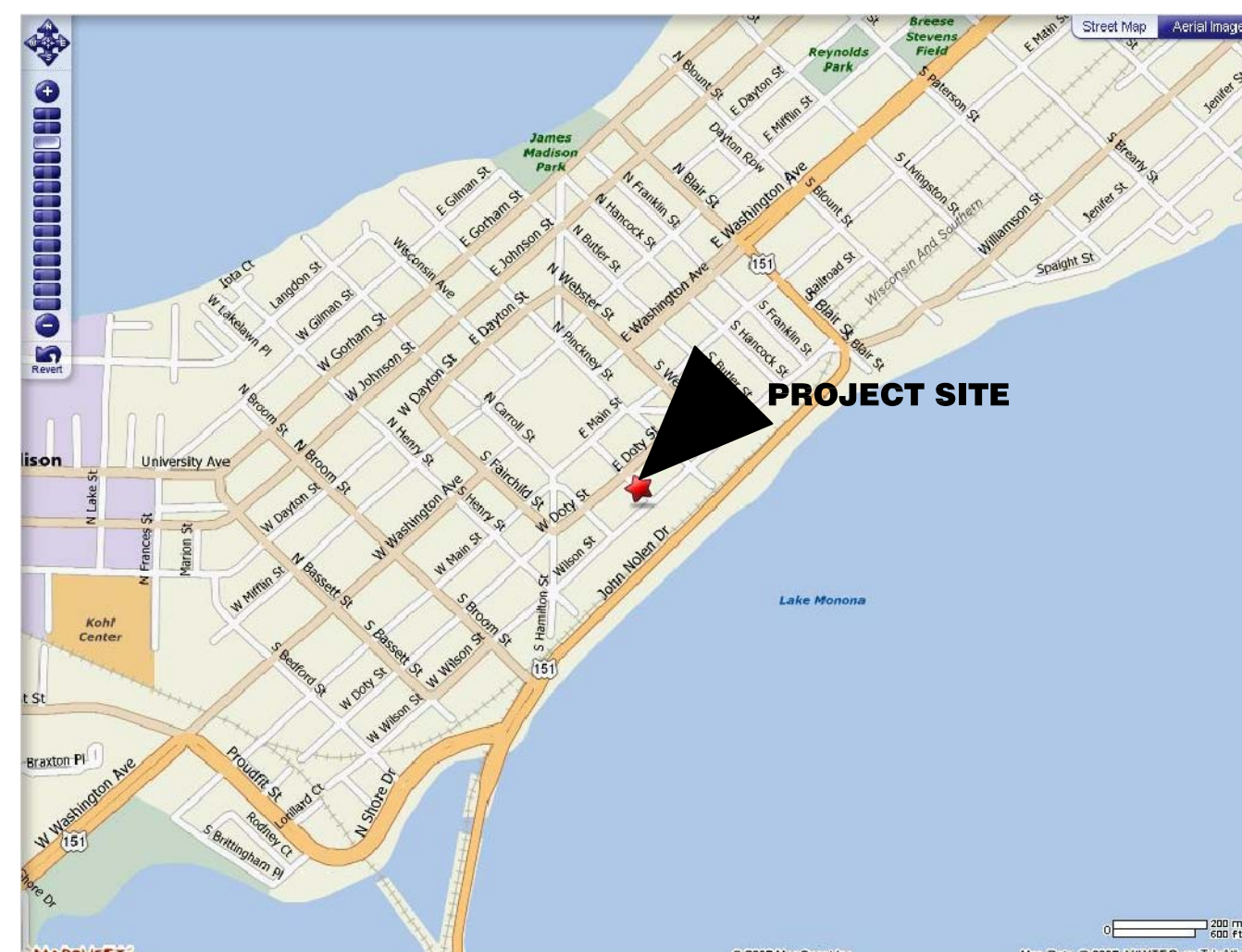
MAJOR USE & OCCUPANCY CLASSIFICATION: B
CONSTRUCTION CLASSIFICATION: IB
GROSS FLOOR AREA OF RENOVATION: 1,285 GSF
SPRINKLERED
MAXIMUM EXIT ACCESS TRAVEL DISTANCE: 300'
OFFICE RENOVATION OCCUPANCY < 15
SINGLE MEETING ROOM OCCUPANCY < 100

INDEX OF DRAWINGS

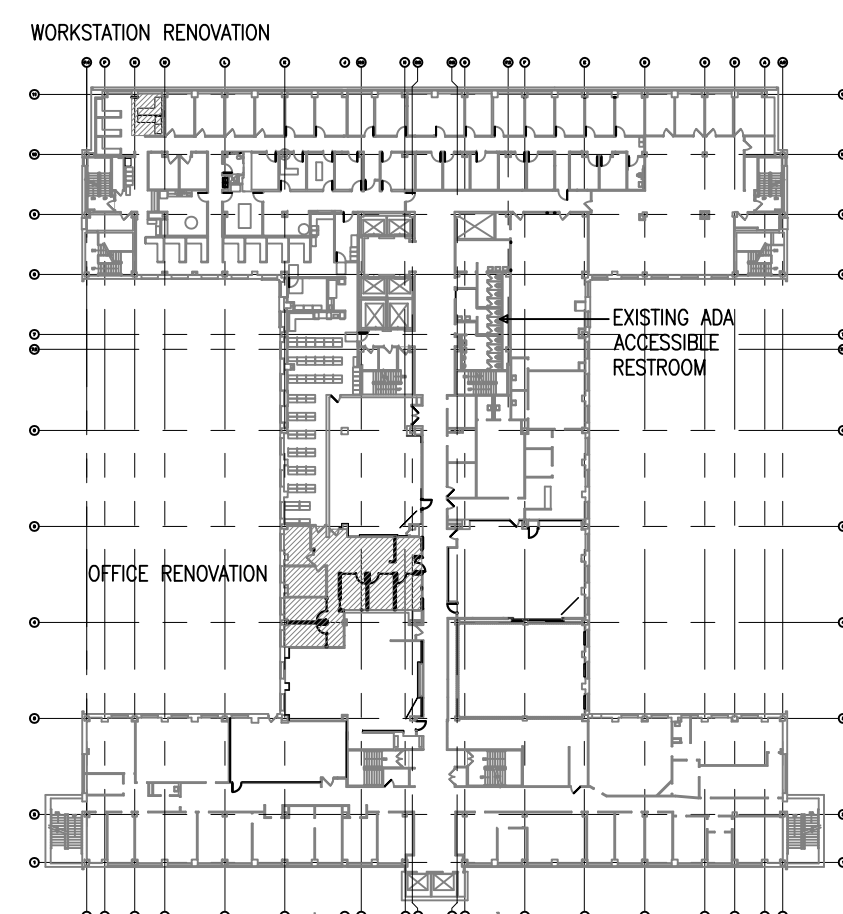
<u>GENERAL</u>	
G1.0	COVER SHEET AND INDEX OF DRAWINGS
<u>DEMOLITION</u>	
D2.1	PARTIAL THIRD FLOOR DEMO PLANS AND REFLECTED CEILING PLANS
<u>ARCHITECTURAL</u>	
A2.1	PARTIAL THIRD FLOOR PLANS, REFLECTED CEILING PLANS AND FINISH PLANS
A7.0	INTERIOR ELEVATIONS, PARTITION TYPES, DETAILS & DOOR SCHEDULE
<u>PLUMBING</u>	
F2.1	PARTIAL THIRD FLOOR PLAN - FIRE PROTECTION
<u>HVAC</u>	
M0.0	SYMBOLS AND ABBREVIATIONS - HVAC
M1.1	PARTIAL THIRD FLOOR DEMOLITION PLANS - HVAC
M2.1	PARTIAL THIRD FLOOR NEW WORK PLANS - HVAC
M3.1	SCHEDULES AND DETAILS - HVAC
<u>ELECTRICAL</u>	
ED1.0	PARTIAL THIRD FLOOR DEMO PLANS AND PLANS
E1.0	PARTIAL THIRD FLOOR ELECTRICAL PLANS
E2.0	ELECTRICAL SYMBOLS, DETAILS AND SCHEDULES

ARCHITECTURAL SYMBOLS AND LEGEND

	DETAIL REFERENCE
	SHEET REFERENCE
	DETAIL NUMBER
	WALL SECTION REFERENCE
	SHEET REFERENCE
	DETAIL NUMBER
	WALL SECTION REFERENCE
	SHEET REFERENCE
	DETAIL NUMBER
	ELEVATION REFERENCE
	PARTITION TYPE REF. SEE SHEET A7.0
	NEW WALLS
	WINDOW TYPES SEE A7.0
	1 HOUR FIRE RATED WALL
	2 HOUR FIRE RATED WALL
	DOOR SWING w/NUMBER. SEE A7.0
	EXISTING DOOR SWING w/NUMBER. SEE A7.0
	REVISIONS
	RECESSED FIRE EXTINGUISHER
	SURFACE MOUNT FIRE EXTINGUISHER
	SPOT ELEVATION (FEET-INCHES)
	SPOT ELEVATION (FEET.DECIMAL)
	ROOM NAME & NUMBER
	SEE FINISH PLAN SHEET A2.1



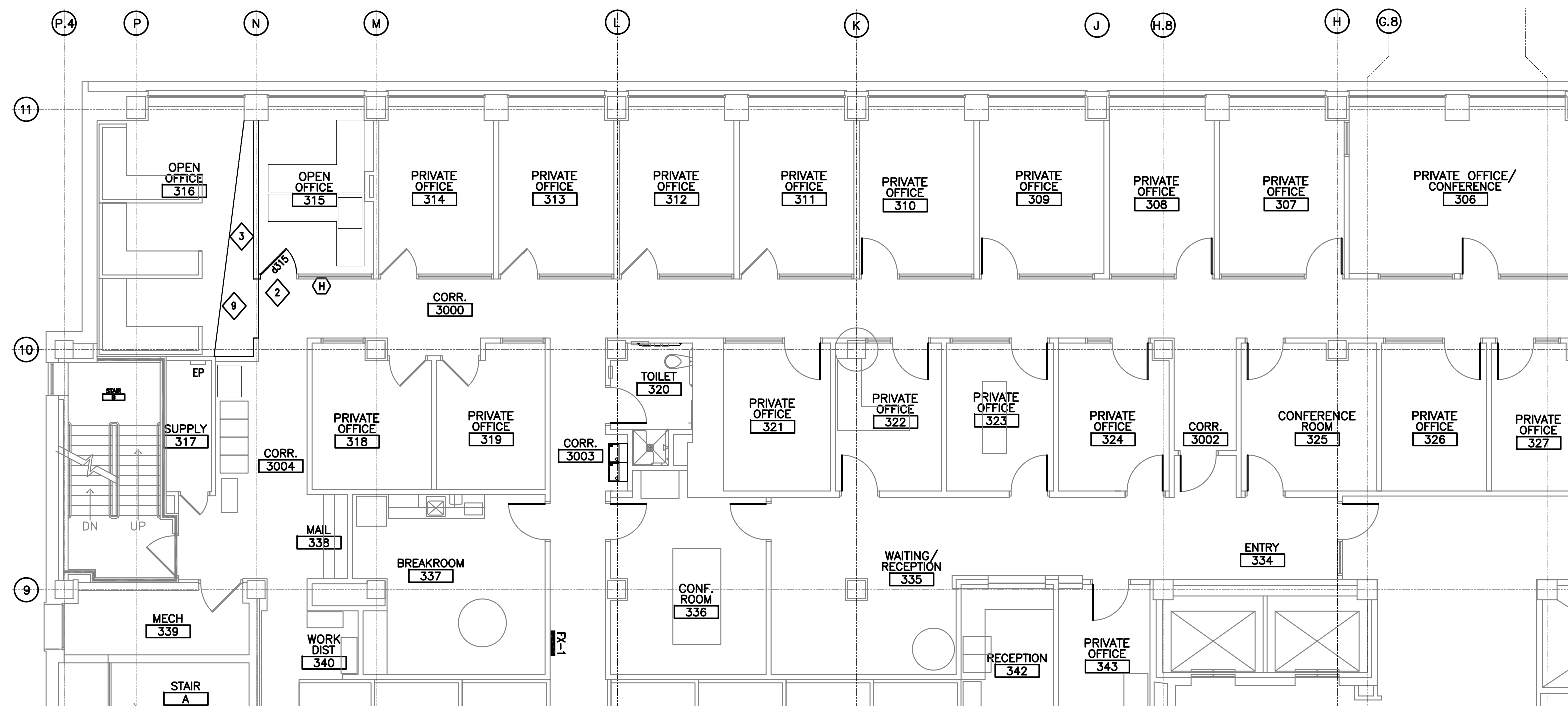
MADISON, WISCONSIN



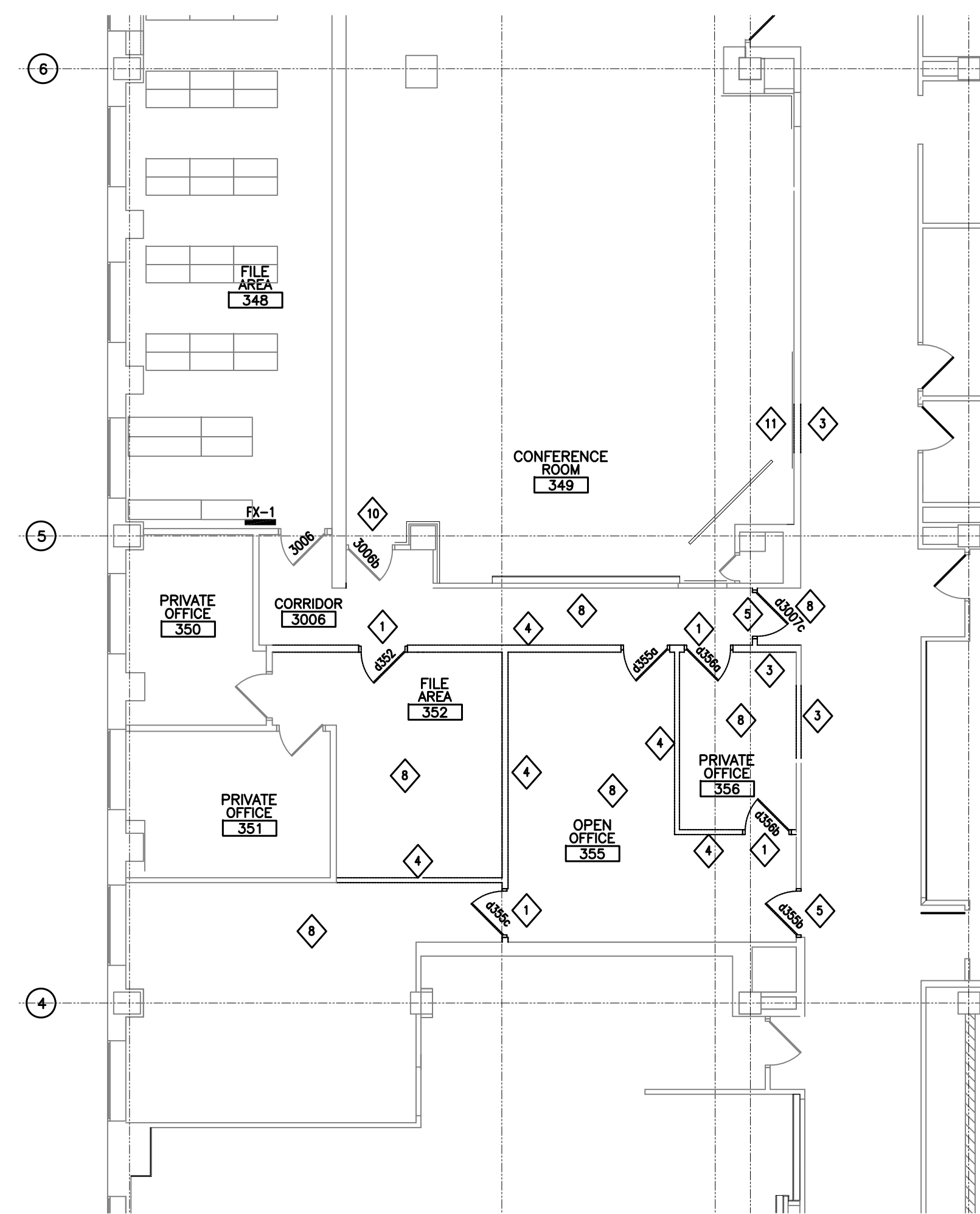
GENERAL NOTE:
1. ADA ACCESSIBLE ROUTE EXTENDS FROM BUILDING, DOWN ADA ACCESSIBLE RAMP TO ADA ACCESSIBLE PARKING STALL ON MARTIN LUTHER KING JR. BOULEVARD.

THIRD FLOOR PLAN

KEY PLAN AND ADA ACCESSIBLE ROUTE



1 PARTIAL THIRD FLOOR DEMO PLAN - WORKSTATION RENOVATION
1/8"=1'-0"

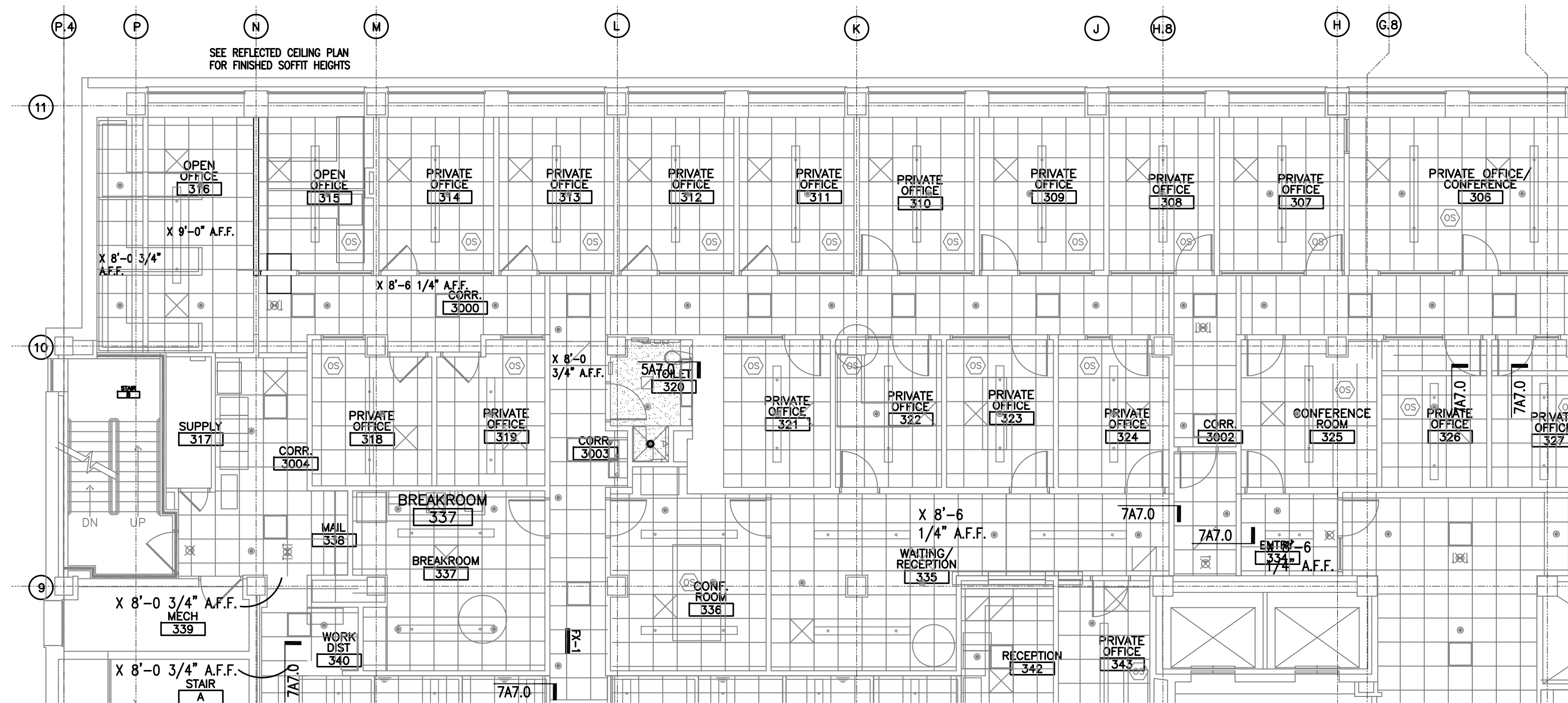


2 PARTIAL THIRD FLOOR DEMO PLAN - OFFICE RENOVATION
1/8"=1'-0"

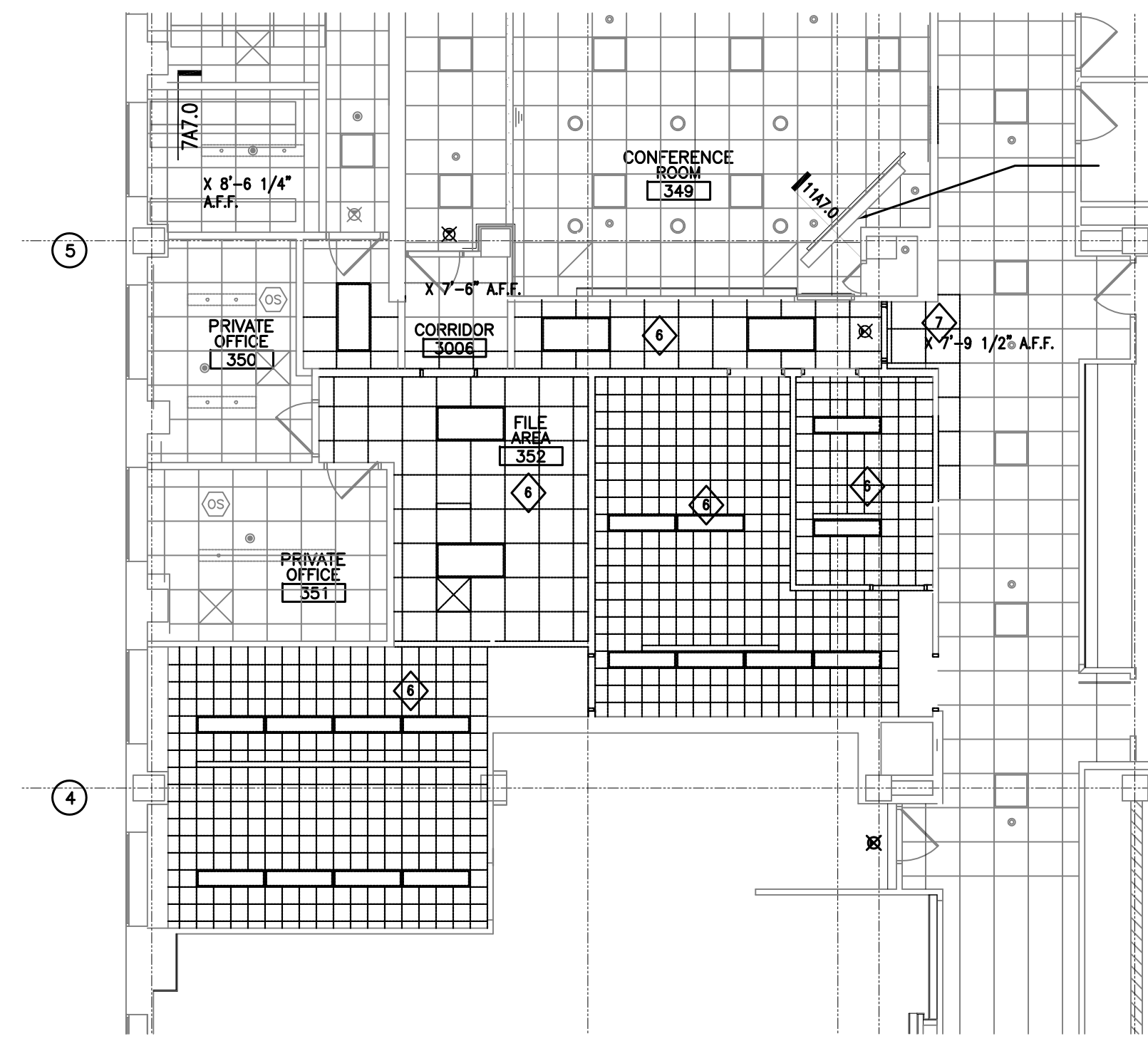
DEMOLITION NOTES	
1	DEMO DOOR AND HM FRAME. SALVAGE DOOR AND HARDWARE FOR REINSTALLATION, ALT BID 1.
2	DEMO PORTION OF EXISTING ALUMINUM STOREFRONT. REMOVE AND SALVAGE DOOR AND HARDWARE FOR REINSTALLATION.
3	DEMO PORTION OF EXISTING WALL IN ITS ENTIRETY.
4	DEMO PORTION OF EXISTING WALL IN ITS ENTIRETY, ALT BID 1.
5	DEMO DOOR AND HM FRAME. SALVAGE DOOR AND HARDWARE FOR REINSTALLATION.
6	DEMO ACT OR METAL PAN CEILING AND SUSPENSION SYSTEM IN ITS ENTIRETY. SEE MEP AND ELECTRICAL FOR ADDITIONAL DEMO INFORMATION. ALT BID 1. SALVAGE ACT FOR REINSTALLATION.
7	DEMO PORTION OF ACT CEILING, AND GRID. SALVAGE FOR REINSTALLATION.
8	DEMO CARPET AND RESILIENT BASE, ALT BID 1. SALVAGE PORTION OF CORRIDOR 3008 CARPET FOR INSTALLATION AT DOOR 349B.
9	DEMO PORTION OF EXISTING CARPET FOR INSTALLATION OF ACCENT CARPET.
10	REMOVE LOCKSET, SALVAGE FOR REINSTALLATION.
11	REMOVE PORTION OF WOOD CHAIRRAIL AND WOOD BASE FOR INSTALLATION OF DOOR AND FRAME. REMOVE PORTION OF CORRIDOR BASE FOR INSTALLATION OF DOOR AND FRAME. SMOOTH CUT TO ALIGN WITH JAMB OF HM FRAME.

GENERAL NOTES:	
1.	FIELD VERIFY ALL EXISTING CONDITIONS, NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2.	DEDUCT ALTERNATE BID 1: DEMOLITION BY OWNER.
3.	DEDUCT ALTERNATE BID 2: ADJUST OCCUPANCY SENSORS BY OWNER.

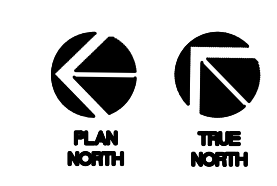
REFLECTED CEILING PLAN SYMBOLS	
	DEMO ACOUSTICAL CEILING TILE, SEE ELECTRICAL FOR MORE INFORMATION
	DEMO LIGHT FIXTURE, SEE ELECTRICAL FOR MORE INFORMATION
	DEMO HVAC SUPPLY DIFFUSER, SEE MECHANICAL FOR MORE INFORMATION
	DEMO METAL PAN CEILING, SEE ELECTRICAL FOR MORE INFORMATION

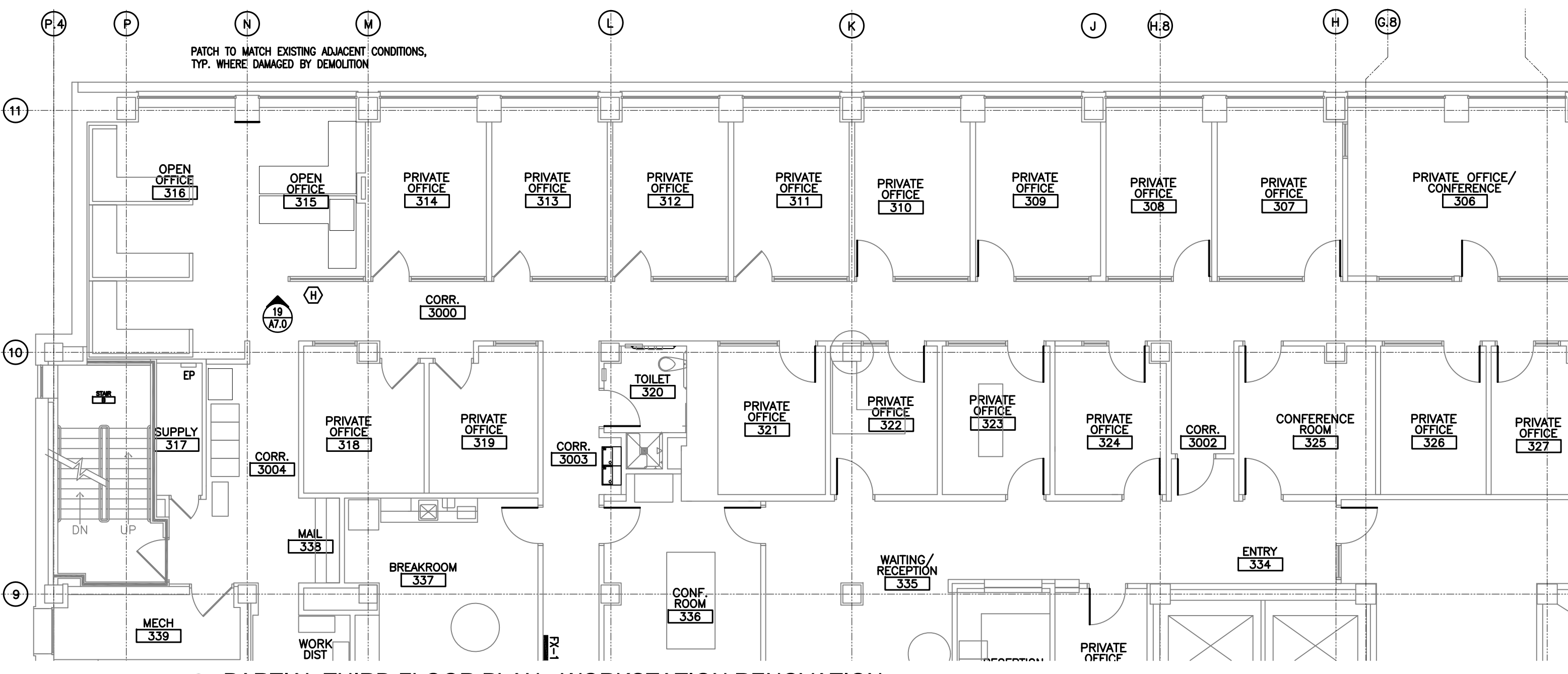


3 PARTIAL THIRD FLOOR DEMO REFLECTED CEILING PLAN - WORKSTATION RENOVATION
1/8"=1'-0"

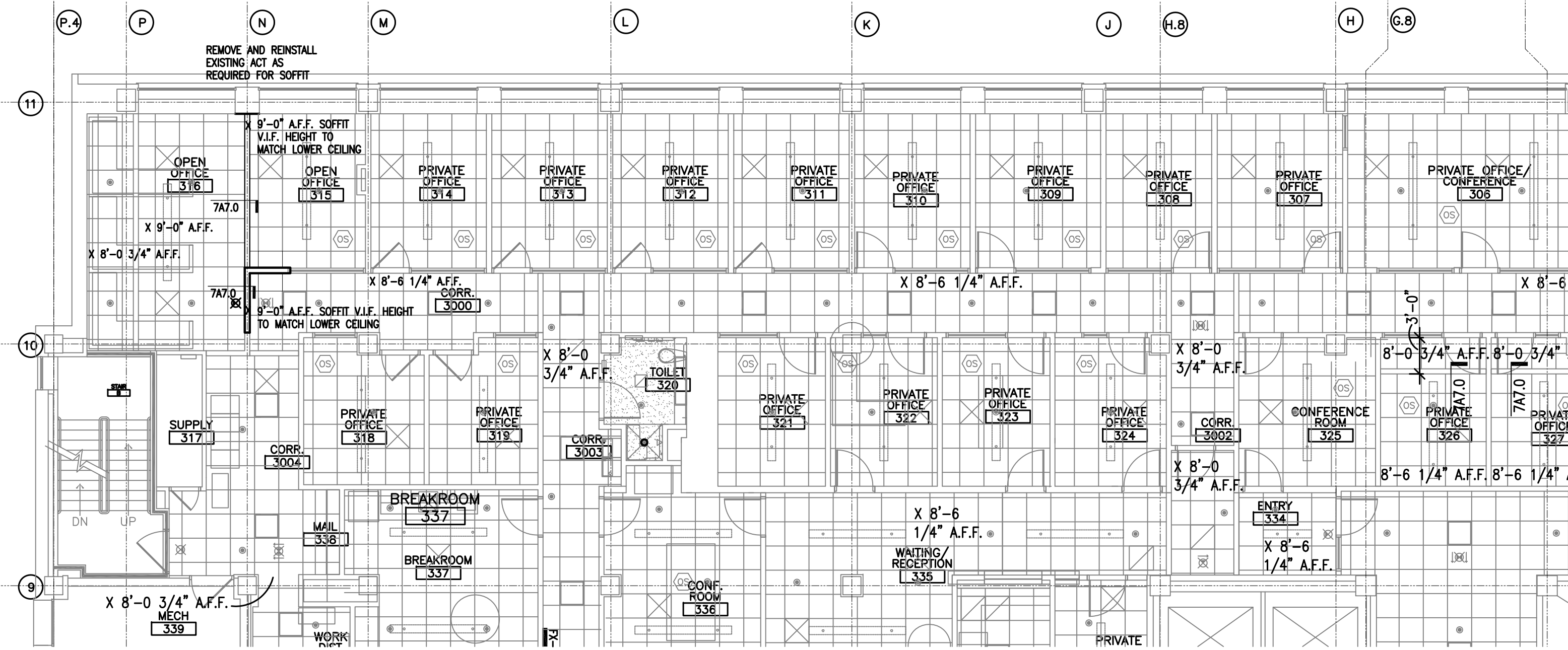


4 PARTIAL THIRD FLOOR DEMO REFLECTED CEILING PLAN - OFFICE RENOVATION
1/8"=1'-0"

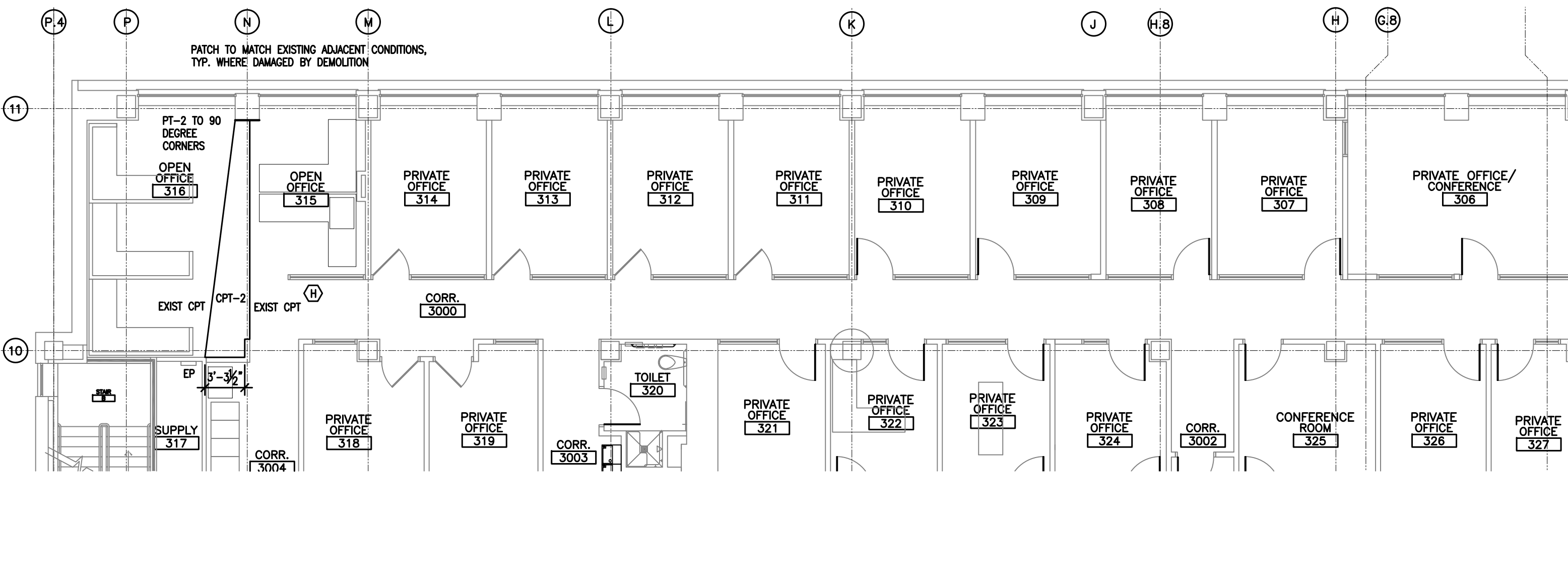




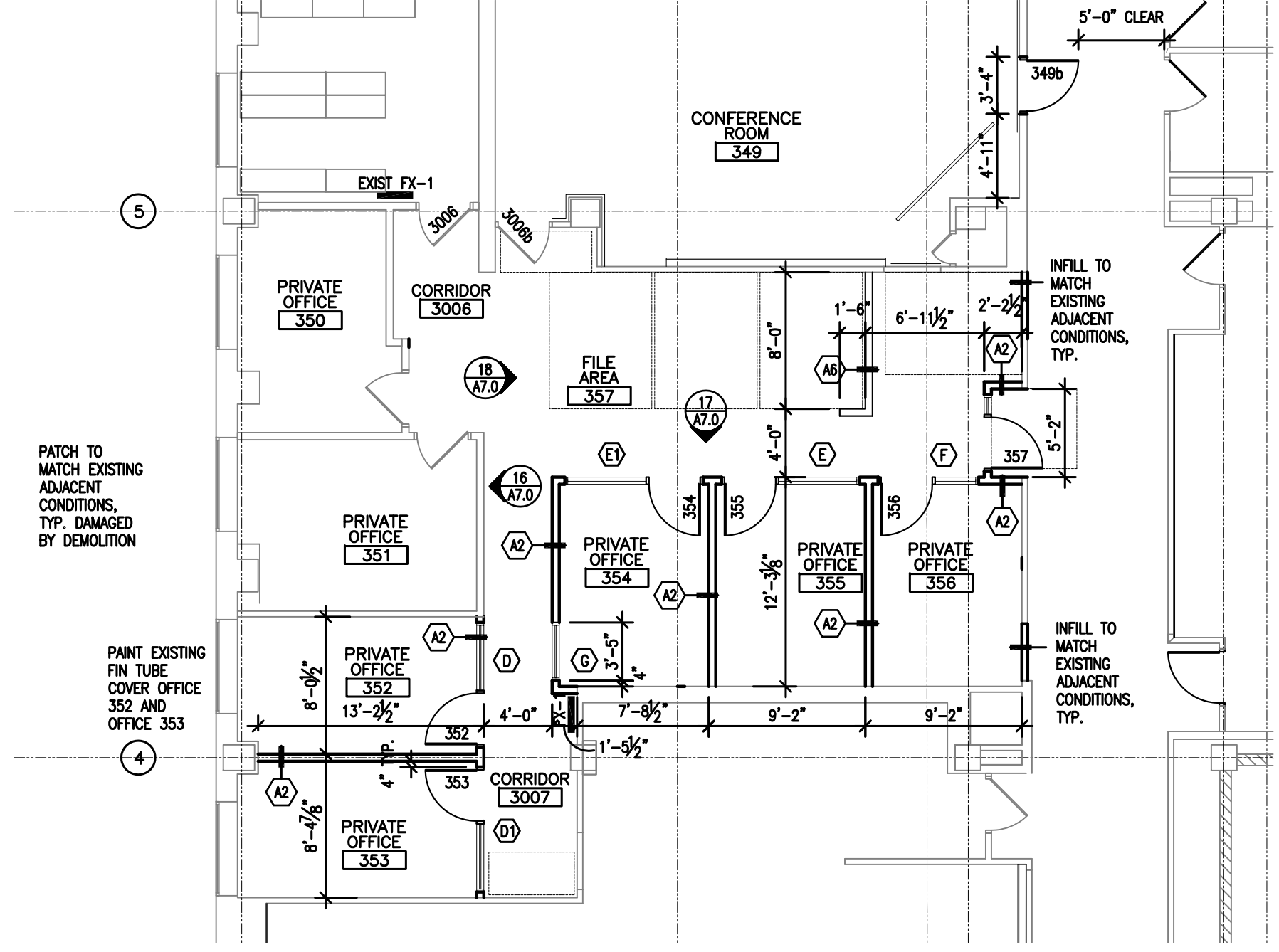
1 PARTIAL THIRD FLOOR PLAN - WORKSTATION RENOVATION
1/8"=1'-0"



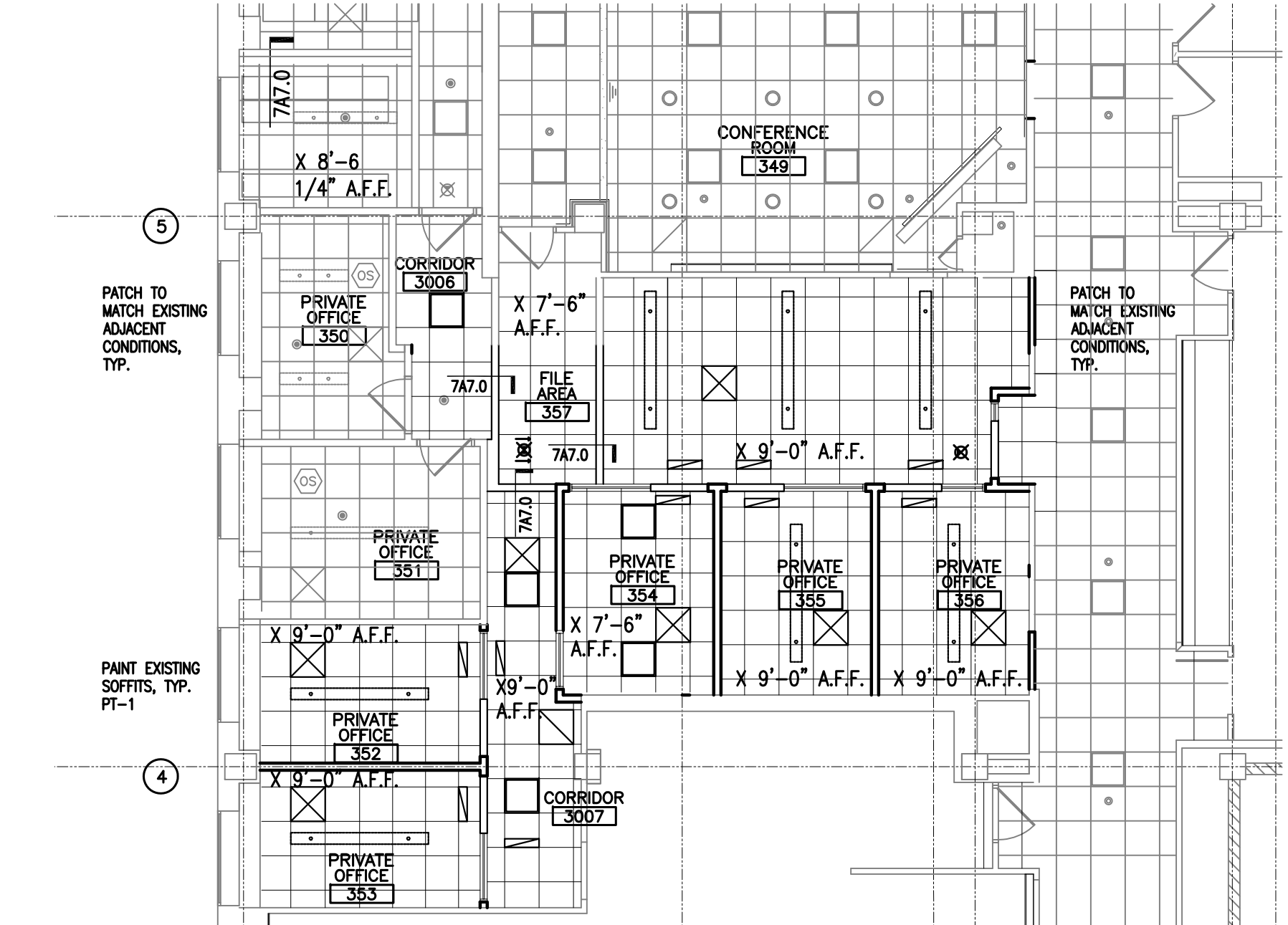
3 PARTIAL THIRD FLOOR REFLECTED CEILING PLAN - WORKSTATION RENOVATION
1/8"=1'-0"



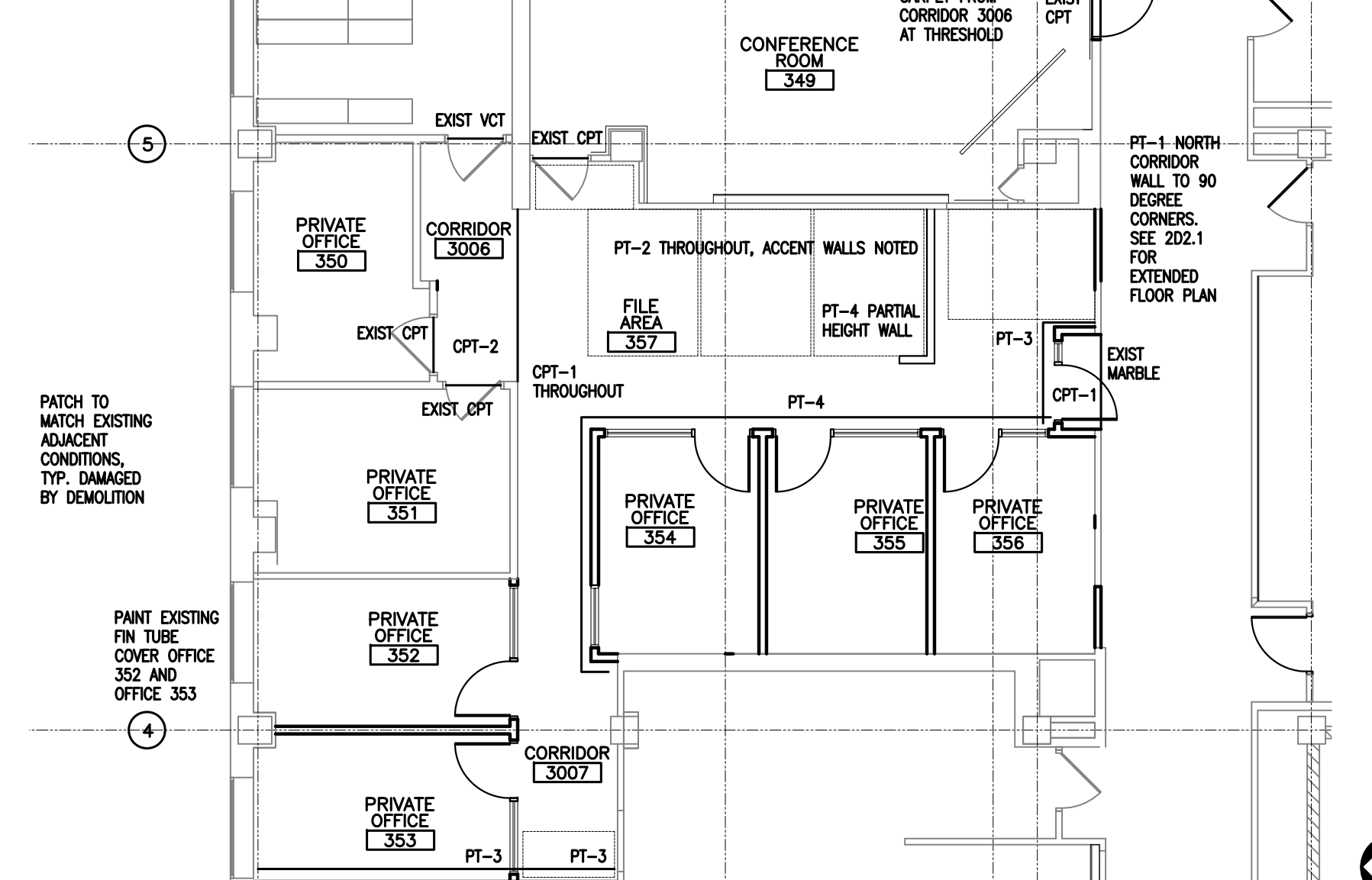
5 PARTIAL THIRD FLOOR FINISH PLAN - WORKSTATION RENOVATION
1/8"=1'-0"



2 PARTIAL THIRD FLOOR PLAN - OFFICE RENOVATION
1/8"=1'-0"

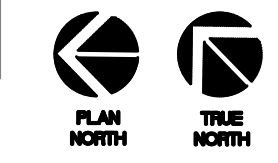


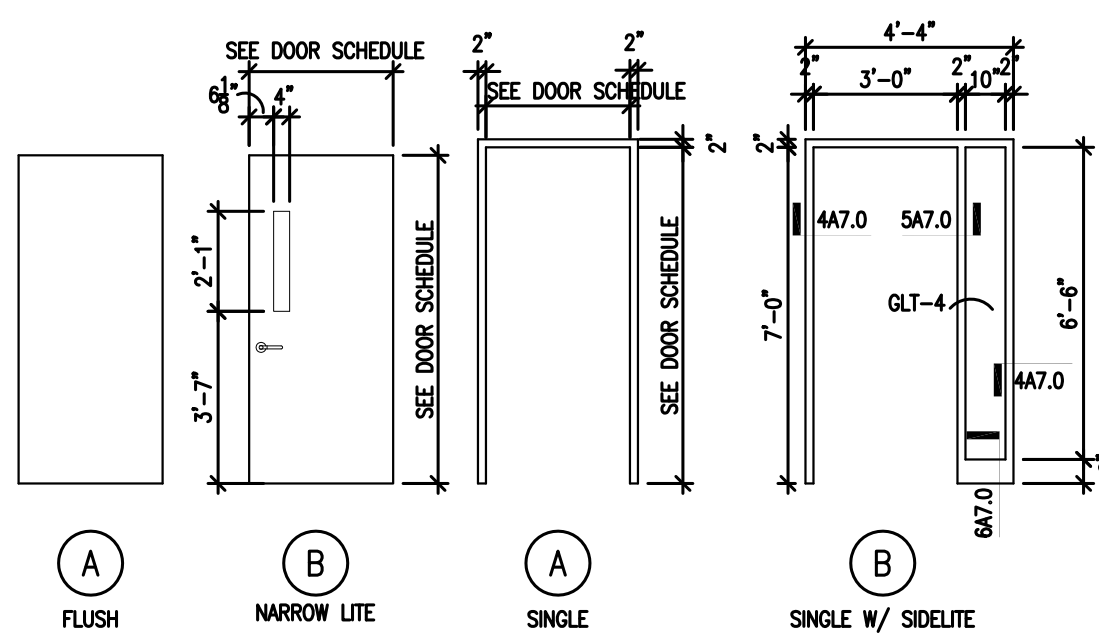
4 PARTIAL THIRD FLOOR REFLECTED CEILING PLAN - OFFICE RENOVATION
1/8"=1'-0"



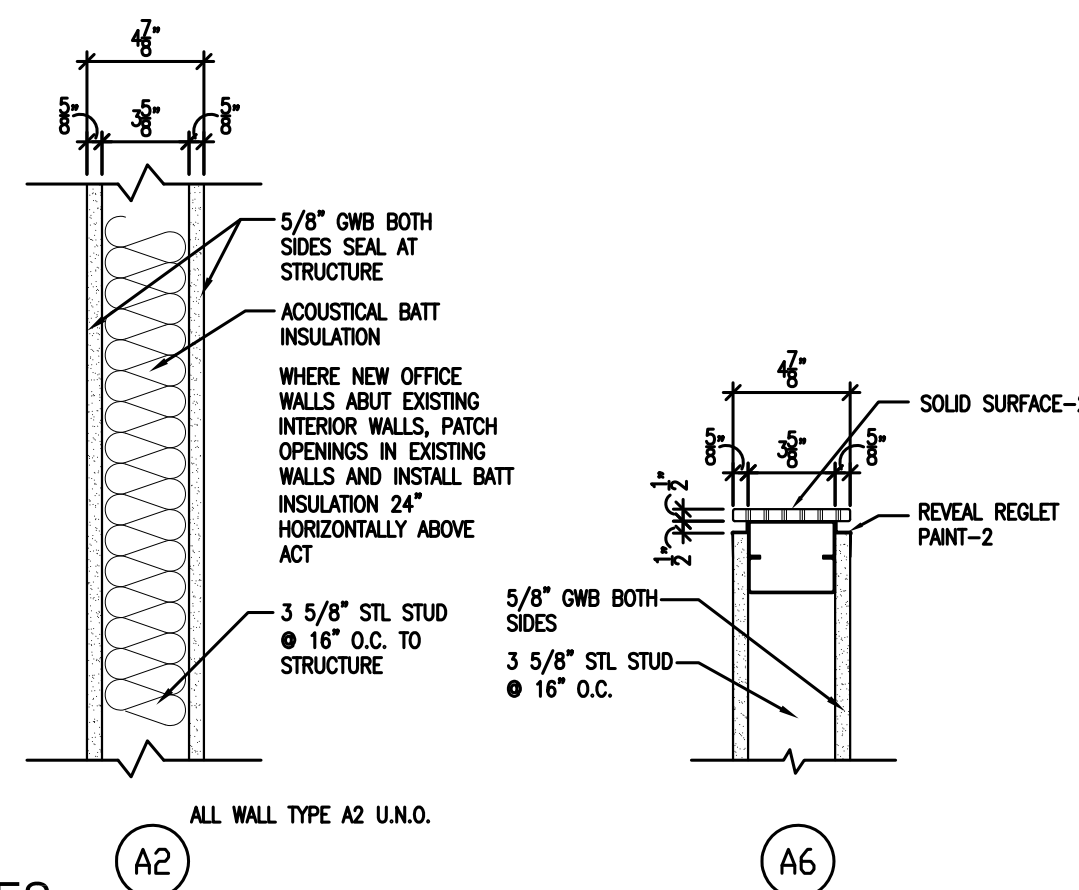
6 PARTIAL THIRD FLOOR FINISH PLAN - OFFICE RENOVATION
1/8"=1'-0"

GENERAL NOTES:
1. FIELD VERIFY ALL EXISTING CONDITIONS, NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. DEDUCT ALTERNATE BID 1: DEMOLITION BY OWNER.
3. DEDUCT ALTERNATE BID 2: ADJUST OCCUPANCY SENSORS BY OWNER.

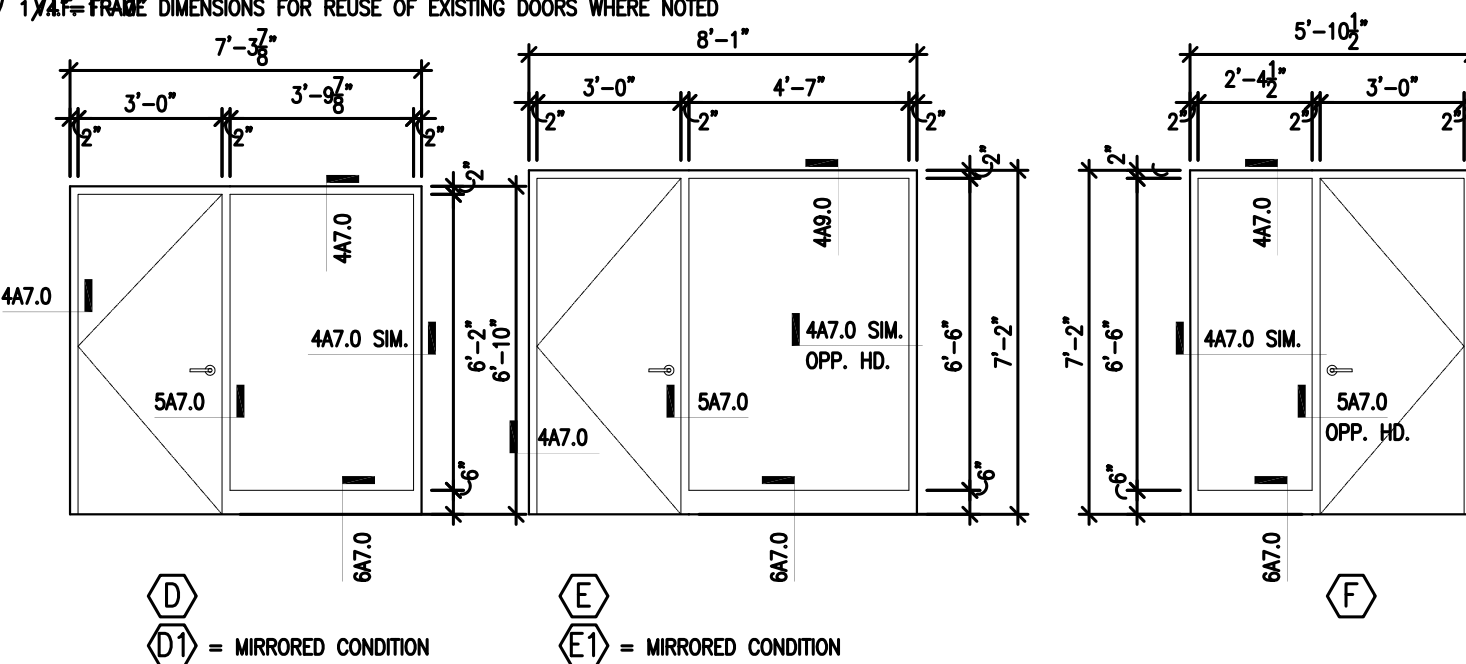




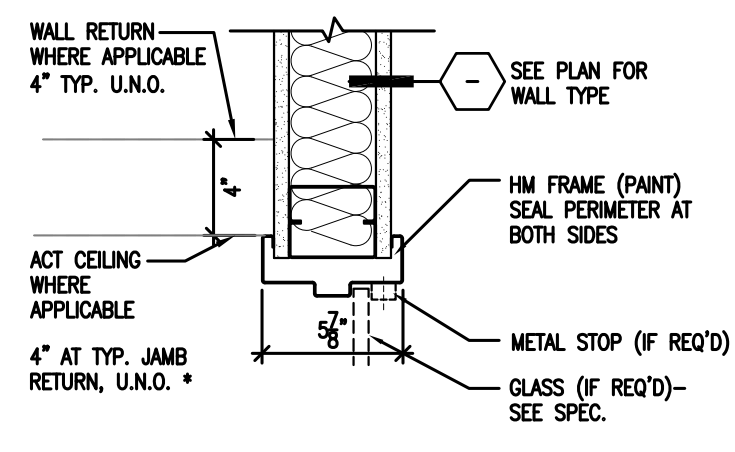
GENERAL INTERIOR FRAME/DOORS NOTES:
1. ALL GLASS TYPES GLT-4 UNLESS OTHERWISE NOTED



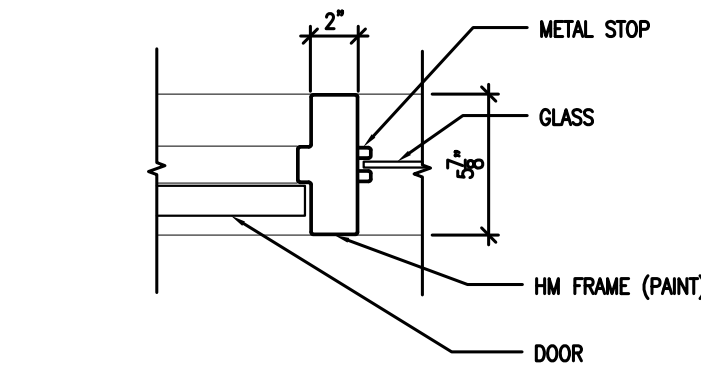
1 DOOR AND FRAME ELEVATIONS
1/4"=1'-0"



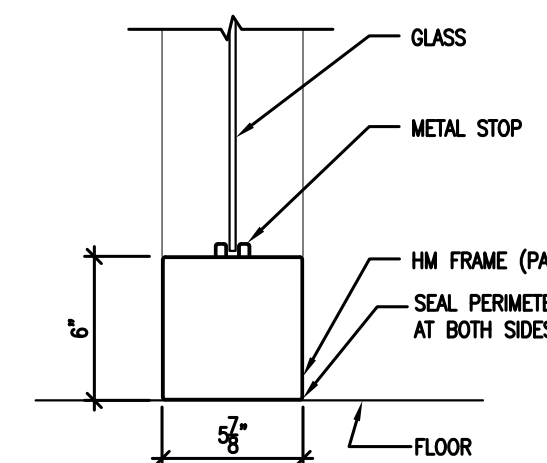
3 WINDOW ELEVATIONS
1/4"=1'-0"



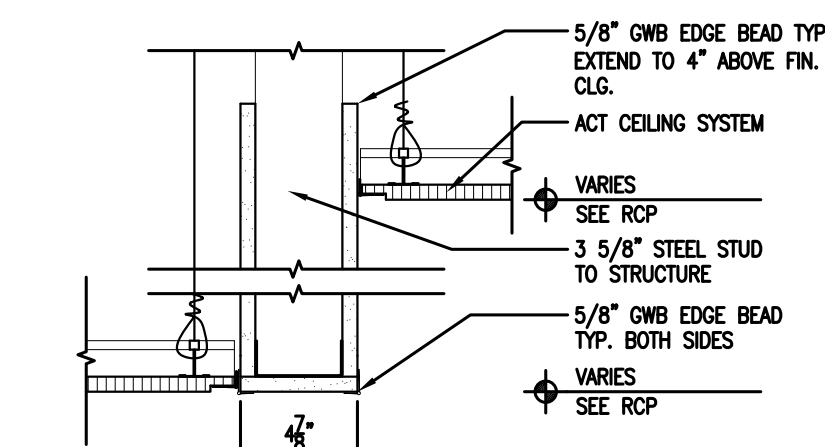
4 HM DOOR JAMB/HEAD DETAIL
1/2"=1'-0"



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

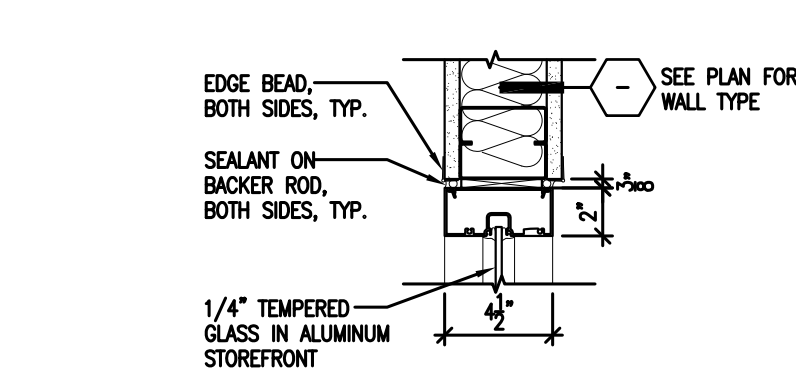


6 HM SILL DETAIL
1/2"=1'-0"

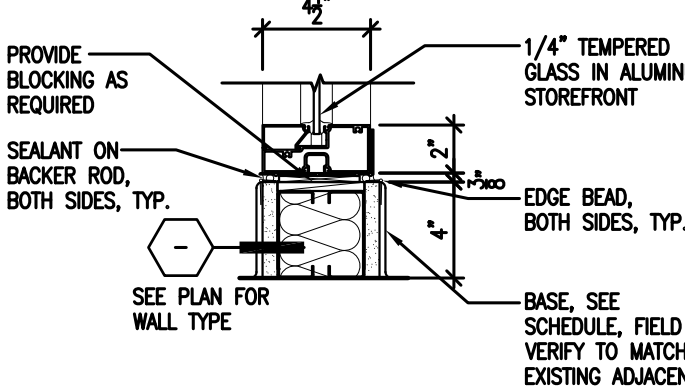


7 BULKHEAD DETAIL
1/2"=1'-0"

8 NOT USED
1/2"=1'-0"

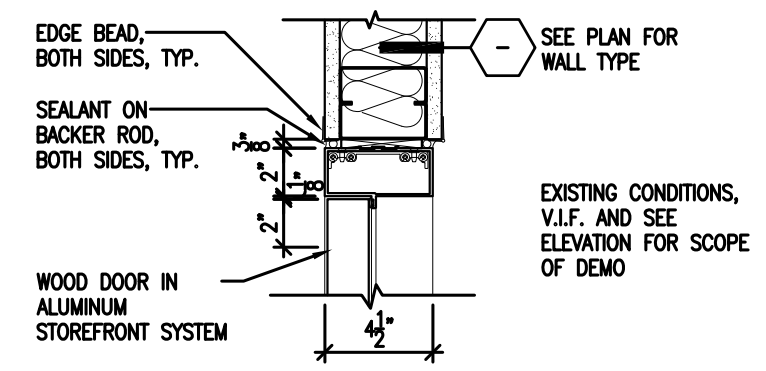


9 WINDOW HEAD DETAIL, JAMB SIM
1/2"=1'-0"

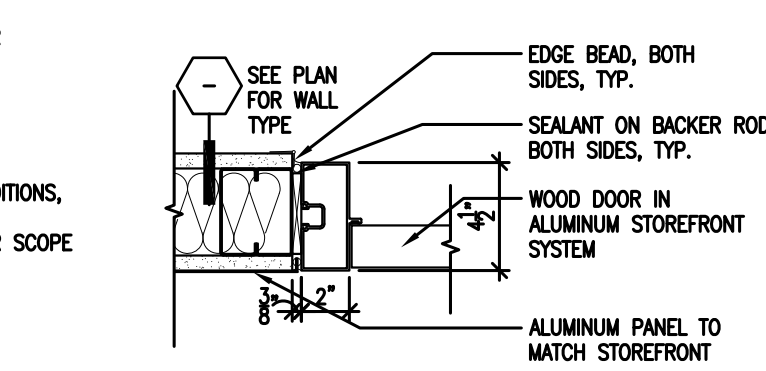


10 WINDOW SILL DETAIL
1/2"=1'-0"

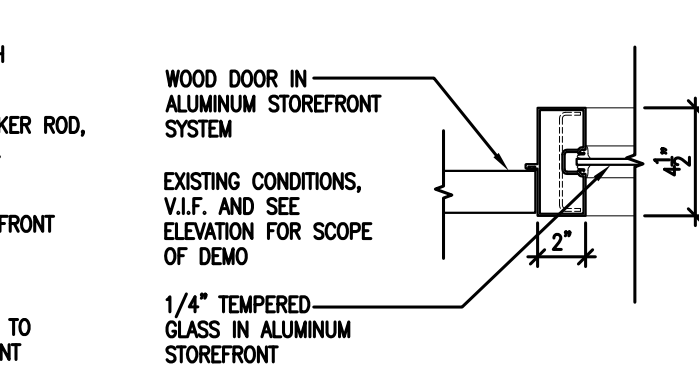
11 NOT USED
1/2"=1'-0"



12 DOOR HEAD DETAIL
1/2"=1'-0"



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



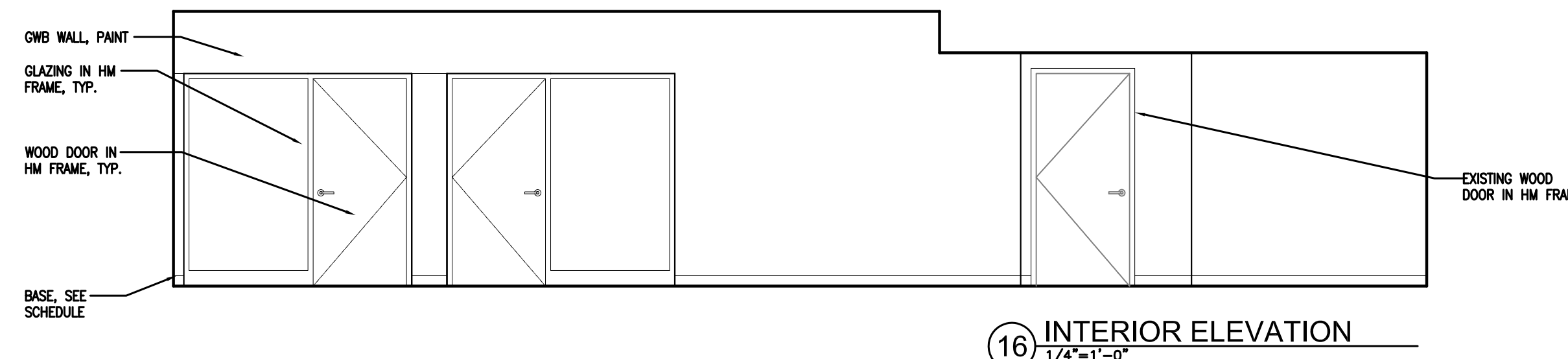
14 DOOR JAMB DETAIL
1/2"=1'-0"

15 NOT USED
1/2"=1'-0"

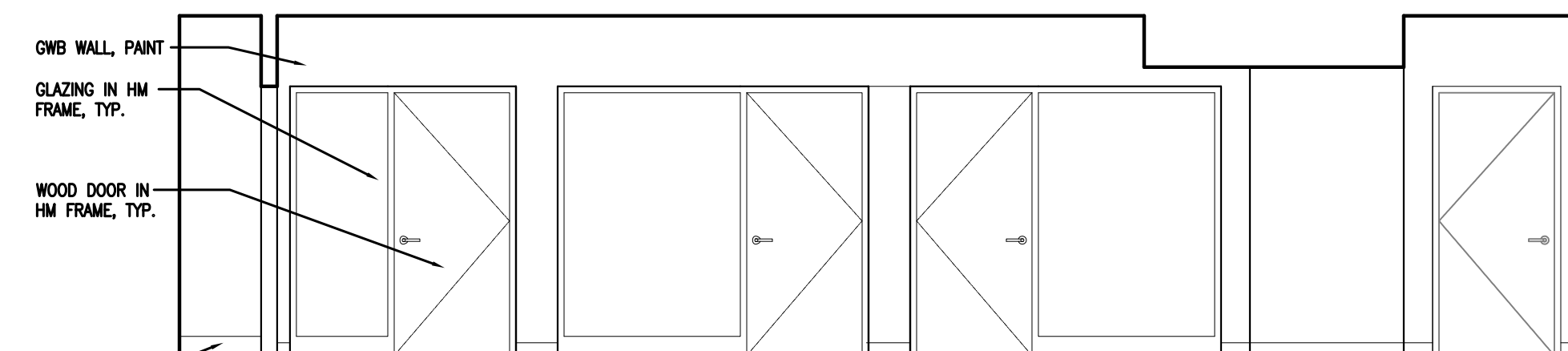
DOOR NO.	QNTY	DOOR				FRAME				FIRE LABEL	HWR GROUP	REMARKS			
		W	H	T	MATERIAL	ELEV	CLASS	LOWER OR UNDERCUT	MATL.				ELEV	HEAD	JAMB
349b	REINSTALL d355c	3-0	7-0	1 3/4"	WD	-	-	-	HM	A1A7.0	4A7.0	-	-	13	1
352	REINSTALL d315	3-0	6-8	1 3/4"	WD	-	-	-	HM	D3A7.0	4A7.0	4/5A7.0	6A7.0	-	REINSTALL d315 3, 4
353	1	3-0	6-8	1 3/4"	WD	A	-	-	HM	D13A7.0	4A7.0	4/5A7.0	6A7.0	-	1
354	REINSTALL d355c	3-0	7-0	-	WD	-	-	-	HM	E13A7.0	4A7.0	4/5A7.0	6A7.0	-	1
355	REINSTALL d358b	3-0	7-0	-	WD	-	-	-	HM	E3A7.0	4A7.0	4/5A7.0	6A7.0	-	1
356	REINSTALL d358b	3-0	7-0	-	WD	-	-	-	HM	F3A7.0	4A7.0	4/5A7.0	6A7.0	-	1
357	REINSTALL d352	3-0	7-0	-	WD	-	-	-	HM	B1A7.0	4A7.0	4/5A7.0	6A7.0	-	10
3006	EXIST	-	-	-	WD	-	-	-	-	-	-	-	-	-	EXIST
3006b	EXIST	-	-	-	WD	-	-	-	HM	-	-	-	-	-	7

GENERAL NOTES:		LEGEND	
1. PAINT HM FRAMES/DOORS TO MATCH OWNER'S SAMPLE	4. REFER TO SHEET A7.0 FOR HOLLOW METAL AND ALUMINUM FRAME ELEVATIONS.	AL	ALUMINUM
2. ALL ALUM. DOORS, FRAMES AND WINDOW FRAMES TO BE ALUMINUM FINISH TO MATCH EXISTING		HM	HOLLOW METAL
3. STAIN WOOD DOORS TO MATCH OWNER'S SAMPLE		WD	WOOD
		UC	UNDERCUT

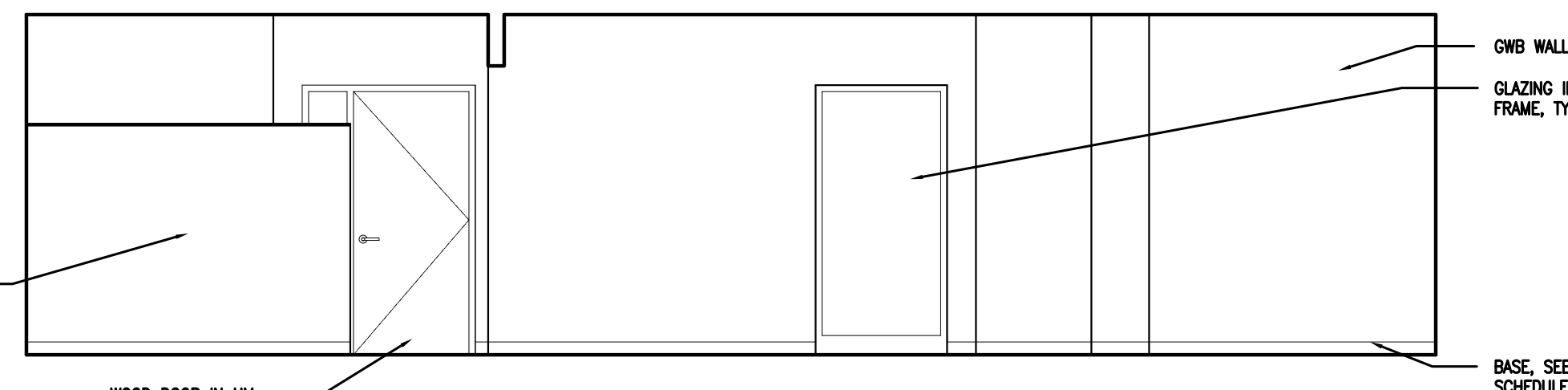
REMARKS:
1. PAINT ALL HM FRAMES/DOORS, INCLUDING NARROW LITE HM FRAMES ON EXISTING 3'-0" x 7'-0" TO BE REUSED, TO MATCH OWNER'S SAMPLE.
2. EXISTING ALUMINUM FRAME.
3. CLOTHES/ROBE HOOK ON BACK OF OFFICE DOORS.
4. EXISTING DOOR HARDWARE AT DOOR d315 SIMILAR TO HARDWARE SET 1.



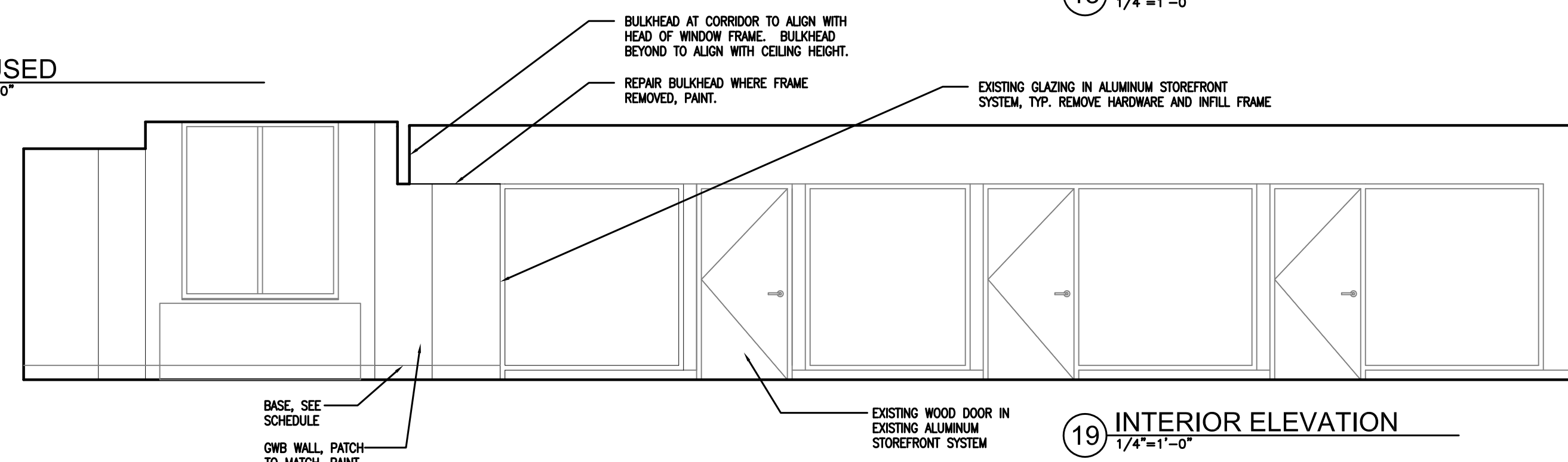
16 INTERIOR ELEVATION
1/4"=1'-0"



17 INTERIOR ELEVATION
1/4"=1'-0"



18 INTERIOR ELEVATION
1/4"=1'-0"



19 INTERIOR ELEVATION
1/4"=1'-0"

FIRE PROTECTION GENERAL NOTES:

1. VERIFY UTILITY INFORMATION WITH LOCAL UTILITY COMPANIES, VISIT THE BUILDING SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING THE WORK.
2. VERIFY ALL MEASUREMENTS, PIPE SIZES, PIPE LOCATIONS, ELEVATIONS, ETC. AT SITE.
3. DRAWINGS OF ALL OTHER TRADES SHALL BE REVIEWED. COORDINATE THE INSTALLATION AND SCHEDULING OF THE WORK WITH OTHER TRADES TO PREVENT INTERFERENCE WITH THEIR RESPECTIVE INSTALLATION.
4. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL STRUCTURAL DIMENSIONS AND LAYOUT.
5. IT IS THE INTENT OF THESE DRAWINGS THAT A COMPLETE WORKING SYSTEM, PROPERLY TESTED, WILL BE OPERATIONAL UPON COMPLETION OF INSTALLATION.
6. CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO BID OPENING. THE ENGINEER RESERVES THE RIGHT TO FINAL INTERPRETATION.
7. ALL SPRINKLER PIPING SHALL BE LOCATED WITHIN THE JOIST SPACE UNLESS INDICATED OTHERWISE.
8. SPRINKLER/FIRE SUPPRESSION SYSTEM(S) SHALL BE DEFINED FOR INDIVIDUAL AREAS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES, EXPOSED STRUCTURE AND CEILING DEVICES. IN EXPOSED AREAS, COORDINATE PIPE ROUTING AND HEAD LAYOUT TO PROVIDE A CLEAN SYMMETRICAL INSTALLATION WITH DUCTWORK, LIGHTING, ETC.
9. INSTALL SPRINKLERS IN CENTER OF CEILING TILES WHERE APPLICABLE.

FIRE PROTECTION NARRATIVE

1. THE FIRE PROTECTION SYSTEM IS TO BE DESIGNED TO THE CONTRACT SCOPE DOCUMENTS, NFPA 13 LATEST EDITION, AND THE LOCAL AUTHORITY HAVING JURISDICTION REQUIREMENTS.
2. CONTRACTOR TO NOTE SPECIAL AESTHETIC CONDITION OF SPRINKLER INSTALLATION IN AREAS WITH NO CEILINGS.
3. SPRINKLER COVERAGE AND PIPING SHALL BE WET PIPE HYDRAULICALLY DESIGNED BY THE FIRE PROTECTION CONTRACTOR BASED ON NFPA 13 & 231.

FIRE PROTECTION SYSTEM CLASSIFICATION

LIGHT HAZARD OCCUPANCY:

THE PROTECTION AREA ALLOTTED PER SPRINKLER SHOULD NOT EXCEED 200 SQUARE FEET WITH THE MAXIMUM DISTANCE BETWEEN LINES AND SPRINKLERS ON LINES BEING 15 FEET. THE SPRINKLERS DO NOT NEED TO BE STAGGERED.

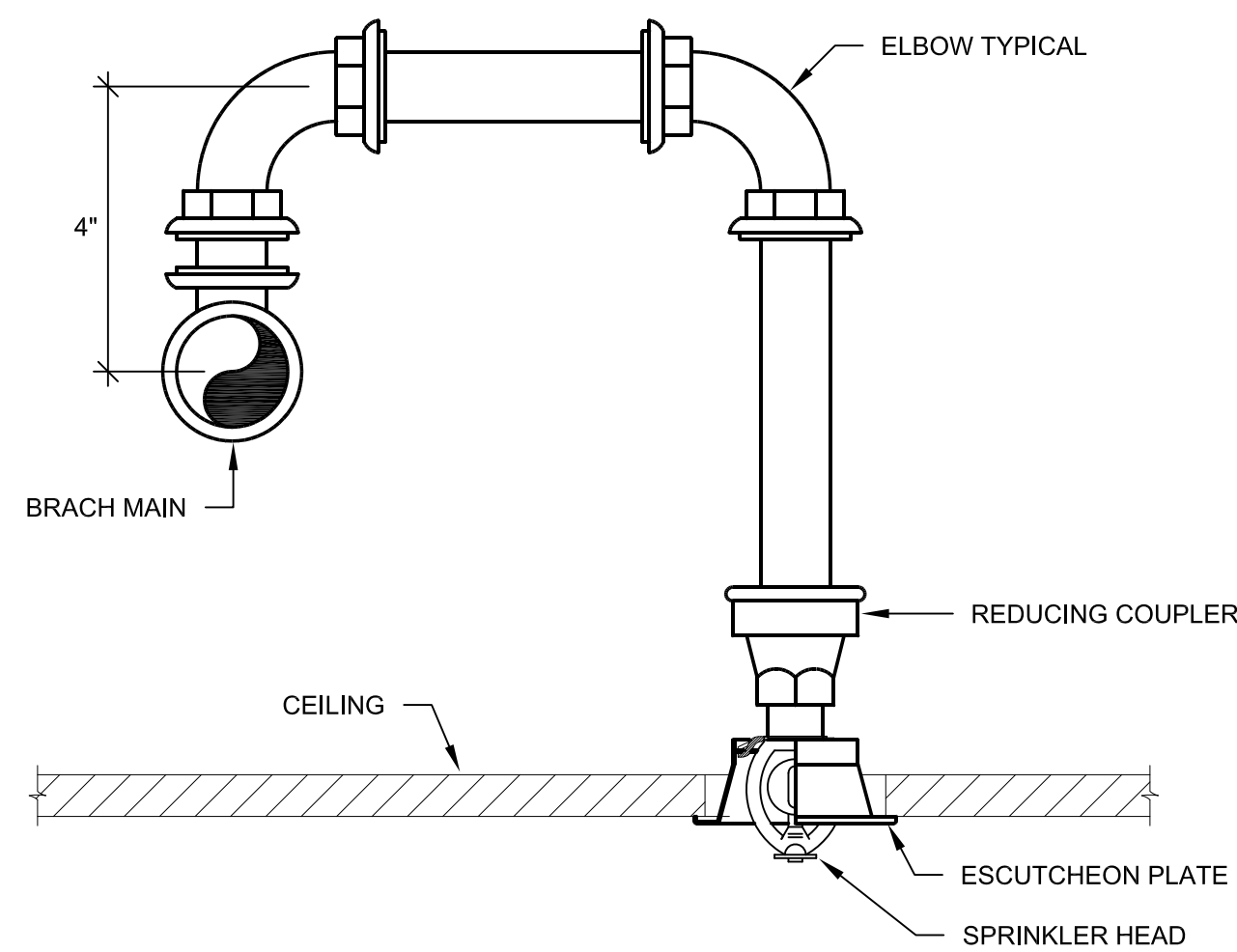
AREAS OF LIGHT HAZARD SHALL INCLUDE: ALL GENERAL OFFICE SPACE, TOILET ROOMS, AND CORRIDORS.

FIRE PROTECTION LEGEND

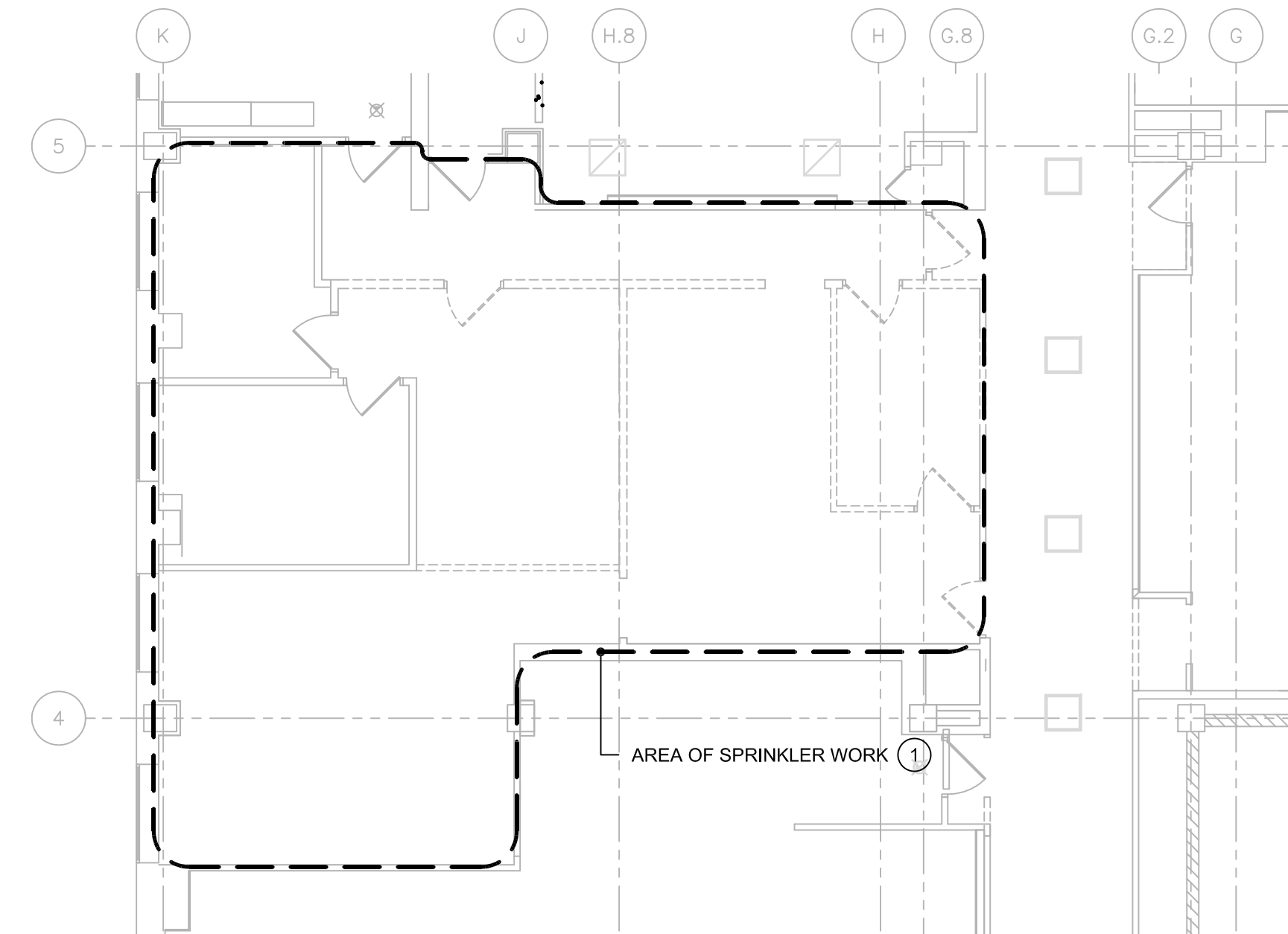
	EXISTING PIPING TO BE REMOVED/DEMOLISHED
	EXISTING PIPING (SERVICE DESIGNATED)
	FIRE PROTECTION WATER SERVICE
	SPRINKLER PIPING
	TEE (BRANCH TO SIDE)
	TEE (BRANCH DOWN)
	RISER UP
	RISER DOWN
	FLANGE
	FLOW
	CHECK VALVE
	POINT OF CONNECTION (POC)
	CAP
	SHUT-OFF VALVE
	PIPE STRAINER
	FLOW SWITCH
	TAMPER SWITCH
	OS&Y GATE VALVE
	FIRE DEPARTMENT CONNECTION (FDC)
	VALVE IN RISER
	PRESSURE GAUGE
	ANGLE VALVE - FIRE HOSE CONNECTION
	DEMOLITION KEYED NOTE
	NEW WORK KEYED NOTE
	REVISION KEYED NOTE
	TAG FOR CONTINUATION MATCH POINTS

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
DCV	DOUBLE DETECTOR CHECK VALVE
E	EXISTING
EC	ELECTRICAL CONTRACTOR
F	FIRE PROTECTION WATER SERVICE
FPC	FIRE PROTECTION CONTRACTOR
FPTC	FIRE PUMP TEST CONNECTION
GC	GENERAL CONTRACTOR
HC	HVAC CONTRACTOR
PC	PLUMBING CONTRACTOR
SPR	SPRINKLER PIPING



3 TYPICAL SPRINKLER HEAD INSTALLATION
SCALE: NONE



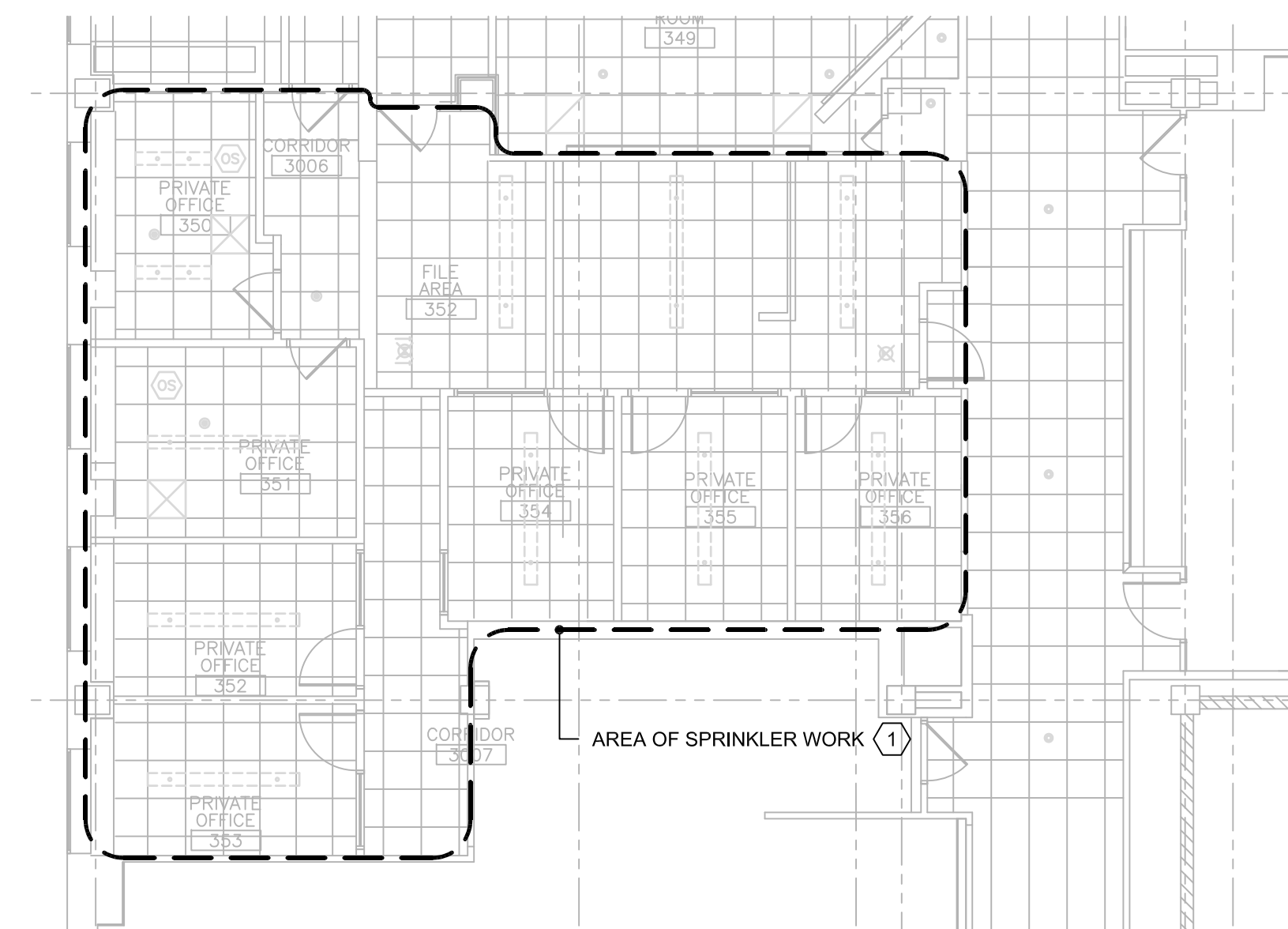
1 PARTIAL 3RD FLOOR DEMOLITION PLAN - WORKSTATION - FIRE PROTECTION
SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. FPC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.

KEYED NOTES:

- 1 AREA OF EXISTING SPRINKLER REWORK. DEMOLISH EXISTING SPRINKLER HEADS NO LONGER SUITABLE FOR NEW CEILING LAYOUT. EXISTING SPRINKLER HEADS THAT DO NOT REQUIRE RELOCATION OF GREATER THAN 12" MAY BE REUSED. ALL OTHER DEMOLISHED SPRINKLER HEADS SHALL NOT BE REUSED.



2 PARTIAL 3RD FLOOR DEMOLITION PLAN - WORKSTATION - FIRE PROTECTION
SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. FPC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.

KEYED NOTES:

- 1 AREA OF EXISTING SPRINKLER REWORK. ADD NEW SPRINKLER COVERAGE AS REQUIRED FOR NEW WALL AND CEILING LAYOUTS. EXISTING SPRINKLER HEADS THAT DO NOT REQUIRE RELOCATION OF GREATER THAN 12" MAY BE REUSED. ALL OTHER DEMOLISHED SPRINKLER HEADS SHALL NOT BE REUSED.

HAZARD CLASSIFICATIONS:

- Light Hazard (NFPA 13) - MAXIMUM AREA PER ZONE = 52,000 SF (SPRINKLER HEADS: CHROME SEMI-RECESSED IN CEILINGS)



Architecture
Planning

DorschnerAssociates, Inc.
849 E. Washington Ave., Ste 112
Madison, Wisconsin 53703

JDR
ENGINEERING, INC.
5525 NOBEL DRIVE
SUITE 110
MADISON, WI 53711
ph:608.277.1728 fax:608.271.7046
JDR Project No. 130182

ISSUED

PROJECT
TENANT IMPROVEMENTS
THIRD FLOOR
CHILD SUPPORT RENOVATION
CITY-COUNTY BUILDING
210 MARTIN LUTHER KING,
JR. BLVD., MADISON, WI

DRAWING
PARTIAL THIRD FLOOR
PLAN - FIRE PROTECTION

DATE
11.25.13

F2.1

ABBREVIATIONS

Table of abbreviations for HVAC systems, including terms like ACC (Air Cooled Condenser), AD (Access Door), and various electrical and mechanical symbols.

DUCTWORK SYSTEMS

Table of ductwork symbols and abbreviations, including AXIAL FLOW FAN, DUCT SIZE, ROUND DUCT, OVAL DUCT, and various duct transitions.

PIPING SYSTEMS

Table of piping symbols and abbreviations, including BALL VALVE, GAUGE VALVE, BUTTERFLY VALVE, GATE VALVE, and various pipe fittings and valves.

GENERAL SYMBOLS

Table of general symbols including THERMOSTAT OR TEMPERATURE SENSOR, HUMIDISTAT OR HUMIDITY SENSOR, and various electrical and control symbols.

Table of HVAC sheet index symbols and abbreviations, including LOUVER AND BIRD SCREEN, DOOR GRILLE, and various fan and terminal unit symbols.

HVAC SHEET INDEX

Table listing sheet numbers (M0.0, M1.1, M2.1, M3.1) and their corresponding titles (SYMBOLS AND ABBREVIATIONS - HVAC, PARTIAL THIRD FLOOR DEMOLITION PLANS - HVAC, etc.).

Architecture Planning

DorschnerAssociates, Inc. 849 E. Washington Ave., Ste 112 Madison, Wisconsin 53703

JDR ENGINEERING, INC. 525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 ph:608.277.1728 fax:608.271.7046 JDR Project No. 130182

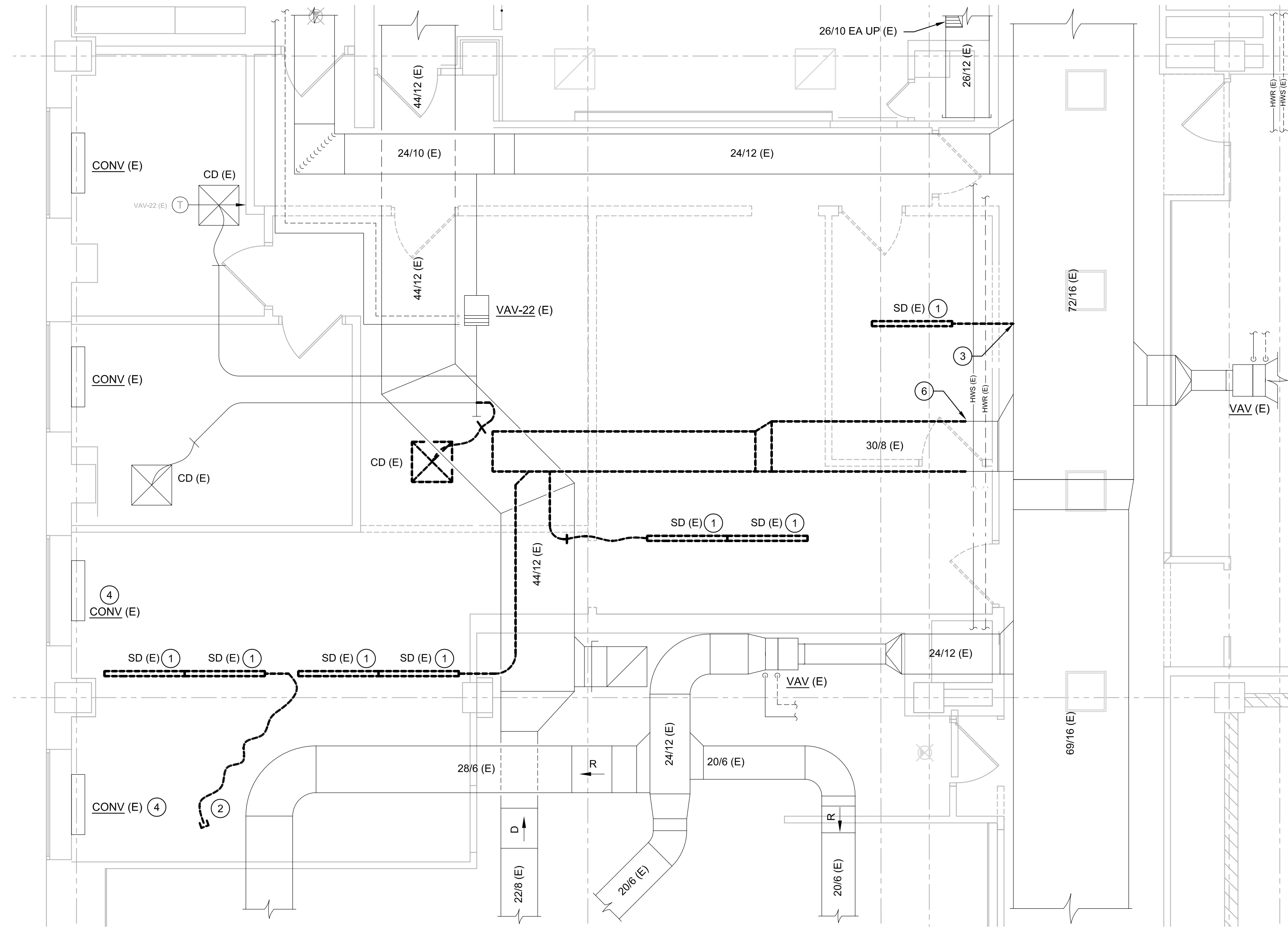
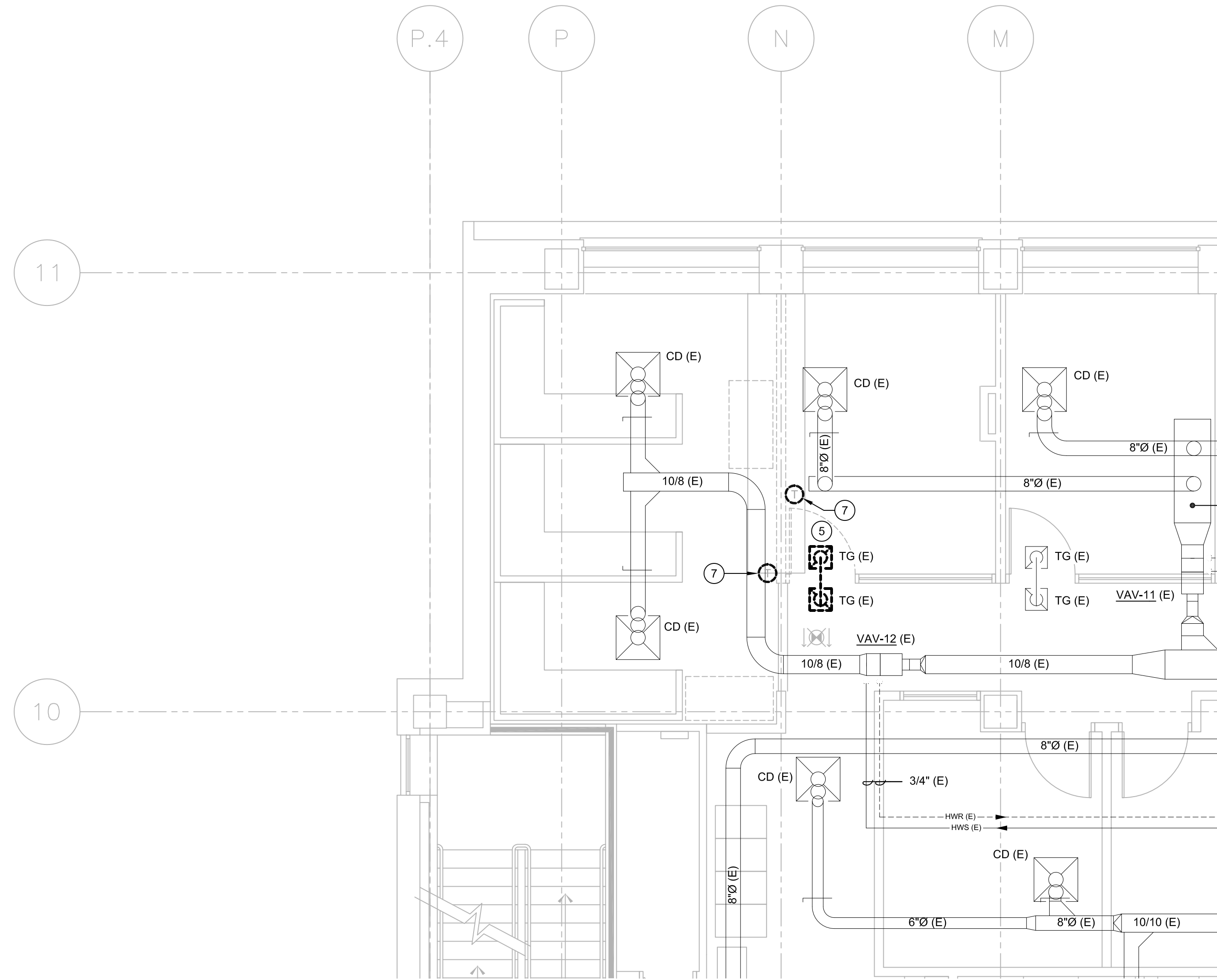
ISSUED

PROJECT TENANT IMPROVEMENTS THIRD FLOOR CHILD SUPPORT RENOVATION CITY-COUNTY BUILDING 210 MARTIN LUTHER KING, JR. BLVD., MADISON, WI

DRAWING SYMBOLS AND ABBREVIATIONS - HVAC

DATE 11.25.13

M0.0



2 PARTIAL 3RD FLOOR DEMOLITION PLAN - WORKSTATION - HVAC
M1.1 SCALE: 1/4\"/>



1 PARTIAL 3RD FLOOR DEMOLITION PLAN - OFFICE AREA - HVAC
M1.1 SCALE: 1/4\"/>



GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT ANY DISCREPANCIES TO THE A/E IMMEDIATELY.
2. THE BUILDING IS TO REMAIN OCCUPIED DURING CONSTRUCTION AND THE AIR HANDLER SERVING THIS AREA WILL CONTINUE TO OPERATE. SUPPLY AND RETURN AIR DUCTWORK SHALL BE PROTECTED FROM THE ENTRANCE OF CONSTRUCTION DUST, DIRT AND DEBRIS. INSTALL TEMPORARY MERV 7 FILTERS ON RETURN AIR OPENINGS DURING CONSTRUCTION. CHANGE FILTER FREQUENTLY. SEE ARCHITECTURAL PLANS FOR PHASING SCHEDULES AND AREAS.
3. COORDINATE ALL INTERRUPTIONS WITH OWNERS REPRESENTATIVE PRIOR TO STARTING WORK.
4. ALL DUCTWORK, PIPING, EQUIPMENT, ETC. NOTED FOR DEMOLITION SHALL BE REMOVED COMPLETE.
5. ALL EXISTING ABANDONED DUCTWORK, PIPING, EQUIPMENT, ETC IN THE CEILING SHALL BE REMOVED COMPLETE.
6. PIPING NOTED FOR DEMOLITION SHALL BE REMOVED BACK TO THE POINT REQUIRED TO REMAIN ACTIVE AND CAPPED.
7. ANY DUCTWORK CONNECTIONS NOT TO BE REUSED SHALL BE SHEETMETAL PATCHED AND SEALED.
8. ALL EXISTING TO REMAIN GRILLES, REGISTERS, DIFFUSERS, CONVECTORS, ETC. SHALL BE PROTECTED DURING CONSTRUCTION.
9. SEE REFLECTED CEILING PLANS FOR AREAS WHERE EXISTING CEILINGS WILL BE REMOVED BY THE GC AND NEW CEILING WILL BE INSTALLED (BY GC). THE GC IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL OTHER CEILING REQUIRED TO PERFORM HVAC WORK.
10. BY ALTERNATE BID #1, ALL PROJECT DEMOLITION (INCLUDING HVAC DEMOLITION) WILL BE PERFORMED BY THE OWNER.

KEYED NOTES:

- 1 REMOVE EXISTING VAV AIR DIFFUSER COMPLETE.
- 2 DUCT ABANDONED IN CEILING.
- 3 CAP EXISTING DUCT TAP. PROVIDE NEW INSULATION WITH VAPOR BARRIER OVER SEALED CAP.
- 4 OWNER WILL REMOVE EXISTING VALVES AND PNEUMATIC CONTROL VALVE AT EXISTING CONVECTOR. OWNER TO REMOVE EXISTING PNEUMATIC CONTROL TUBING AND WIRE.
- 5 REMOVE EXISTING TRANSFER GRILLES AND DUCT.
- 6 SEE NEW WORK PLAN FOR NEW DUCT CONNECTION TO EXISTING TAP.
- 7 REMOVE AN RELOCATE EXISTING DOC THERMOSTAT. SEE M2.1.

PROJECT
TENANT IMPROVEMENTS
THIRD FLOOR
CHILD SUPPORT RENOVATION
CITY-COUNTY BUILDING
210 MARTIN LUTHER KING,
JR. BLVD., MADISON, WI

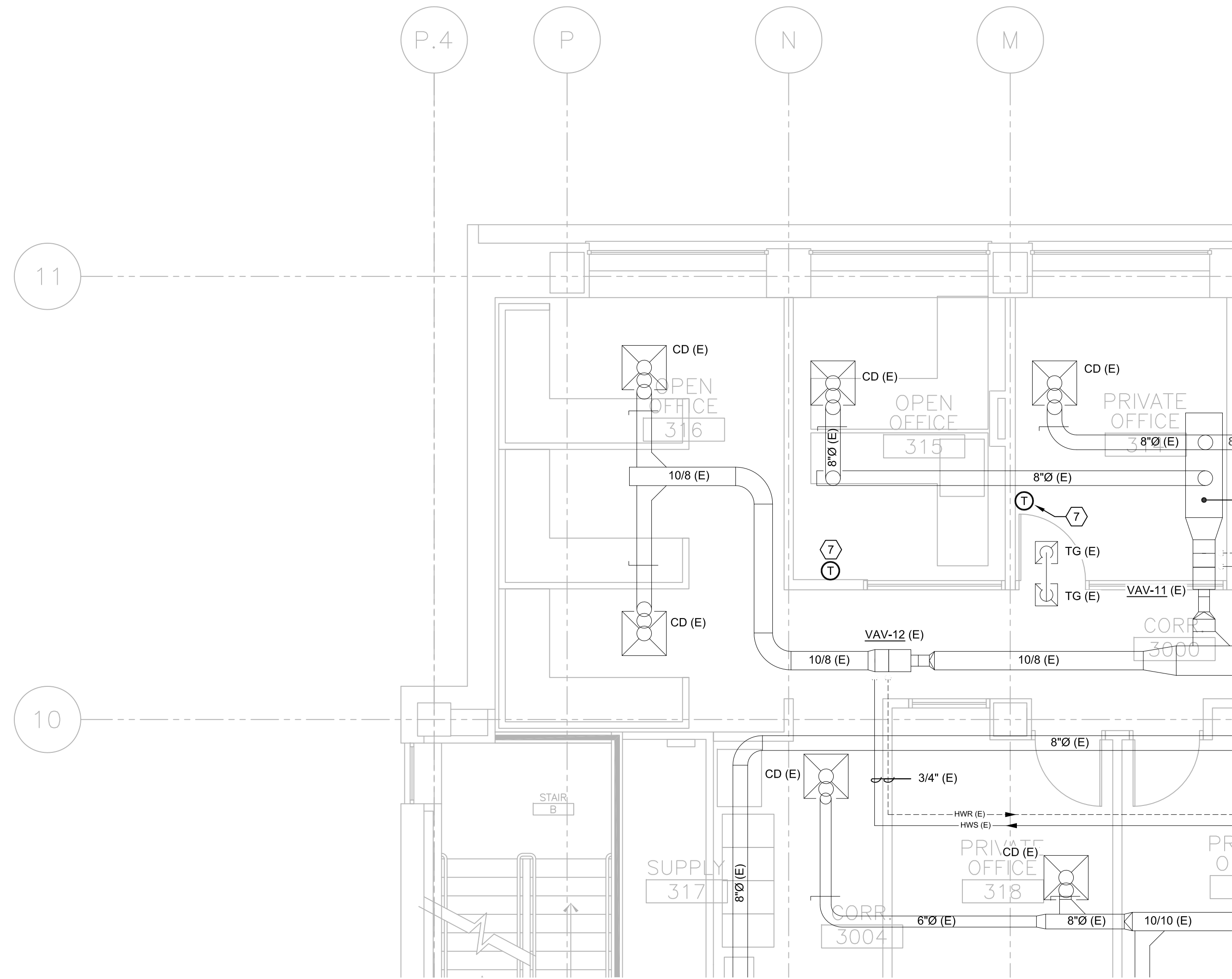
DRAWING
PARTIAL THIRD FLOOR
DEMOLITION PLANS
- HVAC
DATE
11.25.13

Architecture
Planning

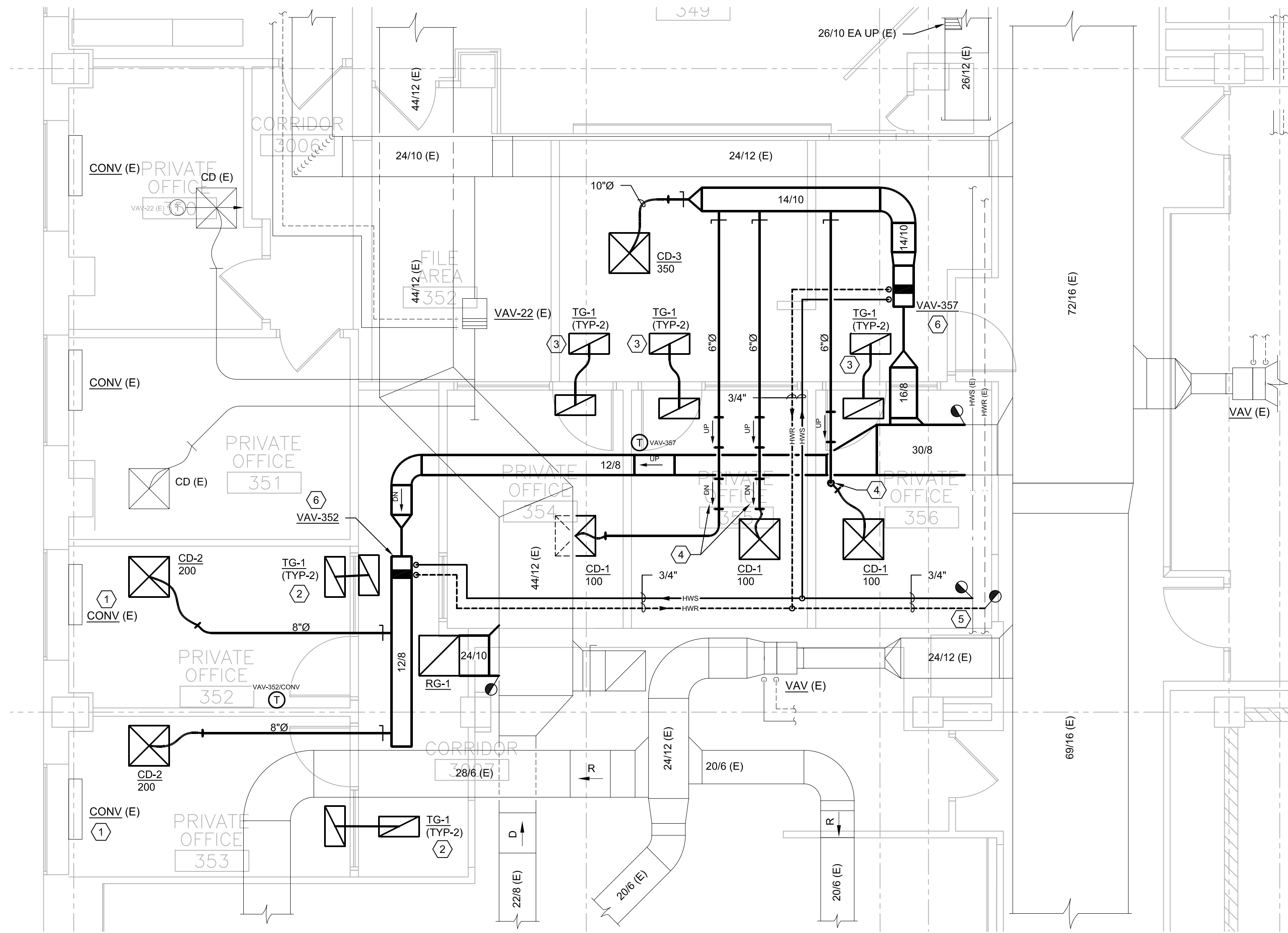
DorschnerAssociates, Inc.
849 E. Washington Ave., Ste 112
Madison, Wisconsin 53703

JDR
ENGINEERING, INC.
5525 NOBEL DRIVE
SUITE 110
MADISON, WI 53711
ph:608.277.1728 fax:608.271.7046
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2 PARTIAL 3RD FLOOR NEW WORK PLAN - WORKSTATION - HVAC
M2.1 SCALE: 1/4"=1'-0"



1 PARTIAL 3RD FLOOR NEW WORK PLAN - OFFICE AREA - HVAC
M2.1 SCALE: 1/4"=1'-0"



GENERAL NOTES:

1. CONSULT OWNER FOR FINAL PLACEMENT/LOCATION OF THERMOSTATS.

KEYED NOTES:

- 1 NEW TEMPERATURE CONTROL VALVE AND ACTUATOR AND ISOLATION VALVES PROVIDED AND INSTALLED BY OWNER. THIS PROJECT SHALL PROVIDE ALL CONTROL WIRING AND CONDUIT FROM CONTROL VALVE TO VAV CONTROLLER.
- 2 PROVIDE LINED SHEET METAL PLENUM BEHIND EACH TG. 10" DUCT BETWEEN PLENUMS.
- 3 PROVIDE LINED SHEET METAL PLENUM BEHIND EACH TG. 8" DUCT BETWEEN PLENUMS.
- 4 DUCT TO RISE OVER DUCT MAIN IN JOIST SPACE.
- 5 CONNECT NEW 3/4" HWS/HWR PIPING TO EXISTING HWS/HWR MAINS.
- 6 SEE VAV DETAILS, M3.1.
- 7 RELOCATE THERMOSTAT. VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION.

PROJECT
TENANT IMPROVEMENTS
THIRD FLOOR
CHILD SUPPORT RENOVATION
CITY-COUNTY BUILDING
210 MARTIN LUTHER KING,
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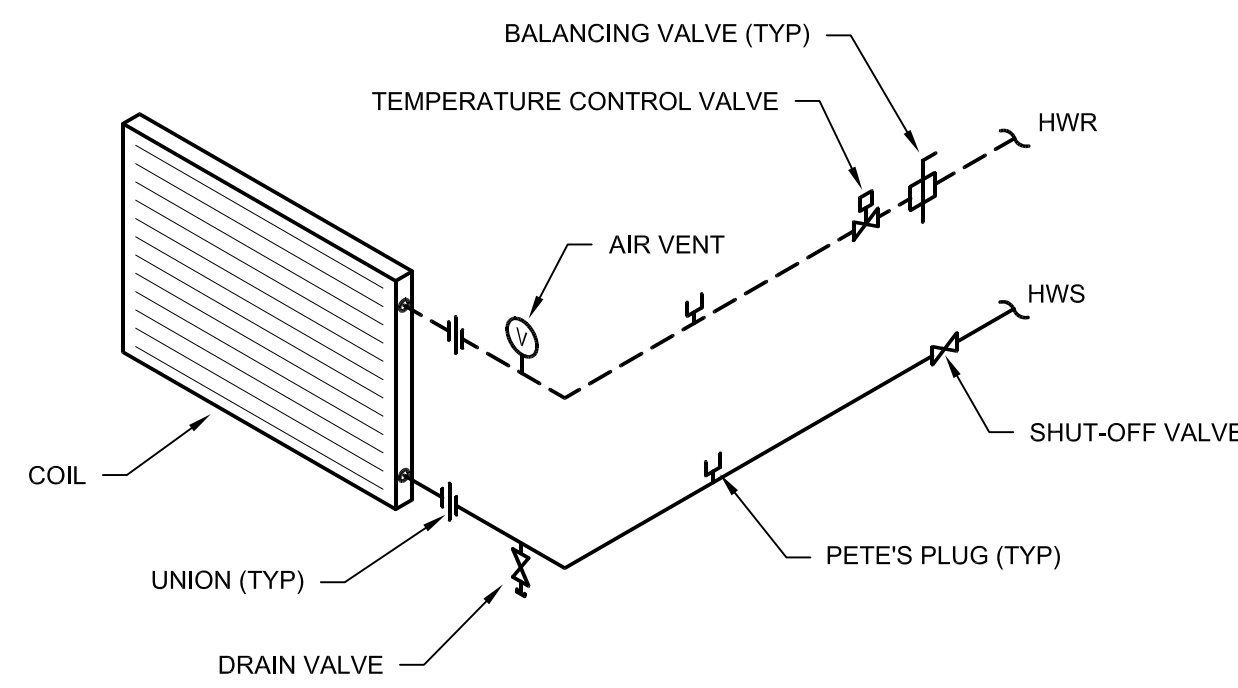
DRAWING
PARTIAL THIRD FLOOR NEW
WORK PLANS - HVAC

DATE
11.25.13

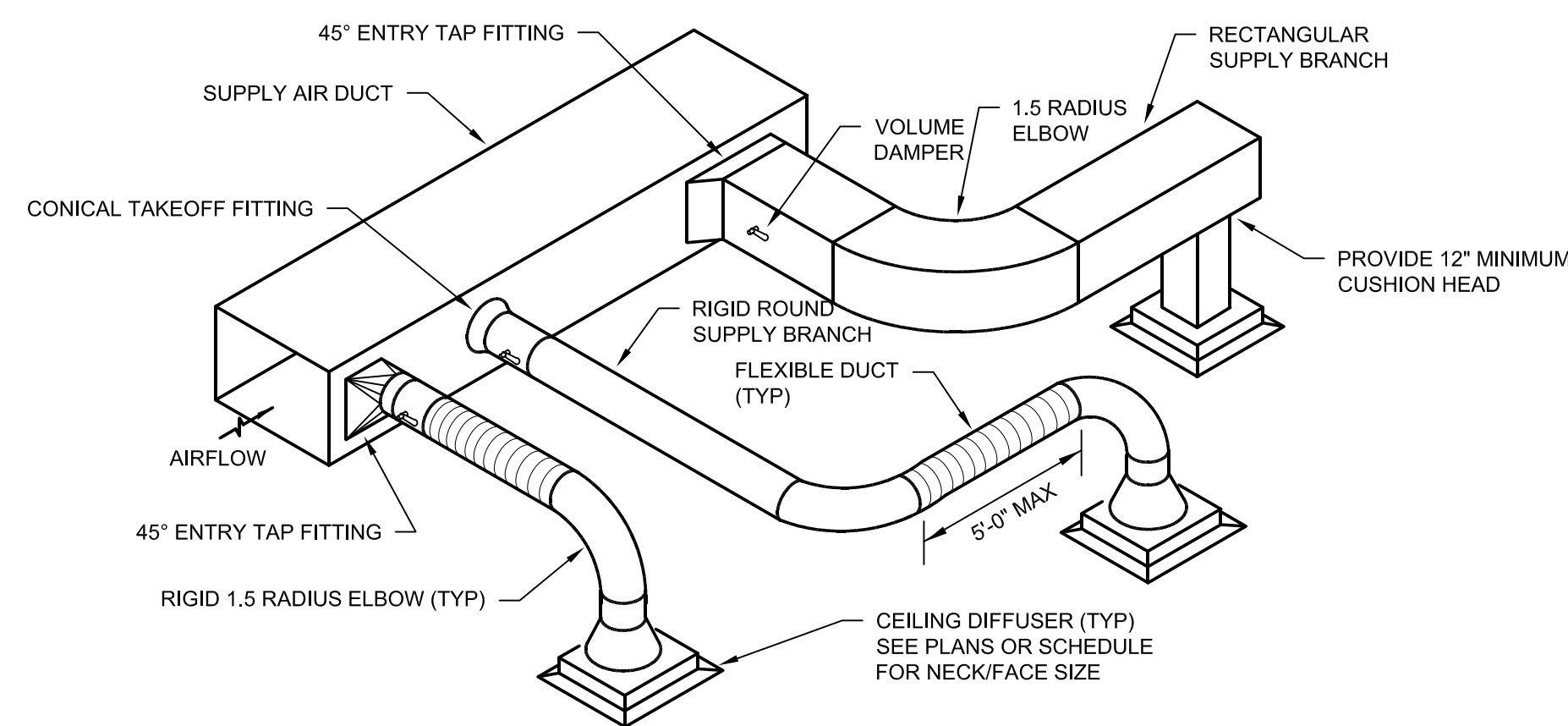
M2.1

AIR DEVICE SCHEDULE					
UNIT NO.	CD-1	CD-2	CD-3	TG-1	RG-1
SERVICE	SUPPLY	SUPPLY	SUPPLY	TRANSFER	RETURN
MANUFACTURER	PRICE	PRICE	PRICE	PRICE	PRICE
MODEL NO.	ASPD	ASPD	ASPD	80	80
FACE STYLE	PLAQUE	PLAQUE	PLAQUE	EGGCRATE	EGGCRATE
PATTERN	4-WAY	4-WAY	4-WAY	-	-
FINISH	WHITE	WHITE	WHITE	WHITE	WHITE
MATERIAL	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM
SIZE (FACE/NECK)	24x24/8"Ø	24x24/8"Ø	24x24/10"Ø	24x12	24x24
CFM RANGE	100	200	350	0	
MOUNTING	T-BAR/LAY-IN	T-BAR/LAY-IN	T-BAR/LAY-IN	T-BAR/LAY-IN	T-BAR/LAY-IN
DAMPER	NO	NO	NO	NO	NO
REMARKS					

- GENERAL NOTES:**
- CONTRACTOR SHALL VERIFY MOUNTING SURFACE / FRAME REQUIREMENTS.
 - BRANCH DUCT SIZE TO DIFFUSER SHALL BE THE NECK SIZE OF THE DIFFUSER UNLESS NOTED OTHERWISE.
 - SEE SPECIFICATION FOR GRILLE, REGISTER, AND DIFFUSER FINISHES.
 - MAXIMUM STATIC PRESSURE DROP THROUGH GRILLE, REGISTER, OR DIFFUSER SHALL NOT EXCEED 0.1".
 - MAXIMUM NC LEVELS FOR GRILLES, REGISTERS, OR DIFFUSERS SHALL NOT EXCEED 25.
 - UNLESS THROW IS NOTED OTHERWISE, ALL DIFFUSERS SHALL BE 4-WAY THROW.



**3 BOOSTER COIL
HOT WATER COIL PIPING DETAIL**
SCALE: NONE (WITH 2-WAY TCV)



4 BRANCH DUCT & DIFFUSER CONNECTION
SCALE: NONE

VAV TERMINAL UNIT WITH REHEAT SCHEDULE

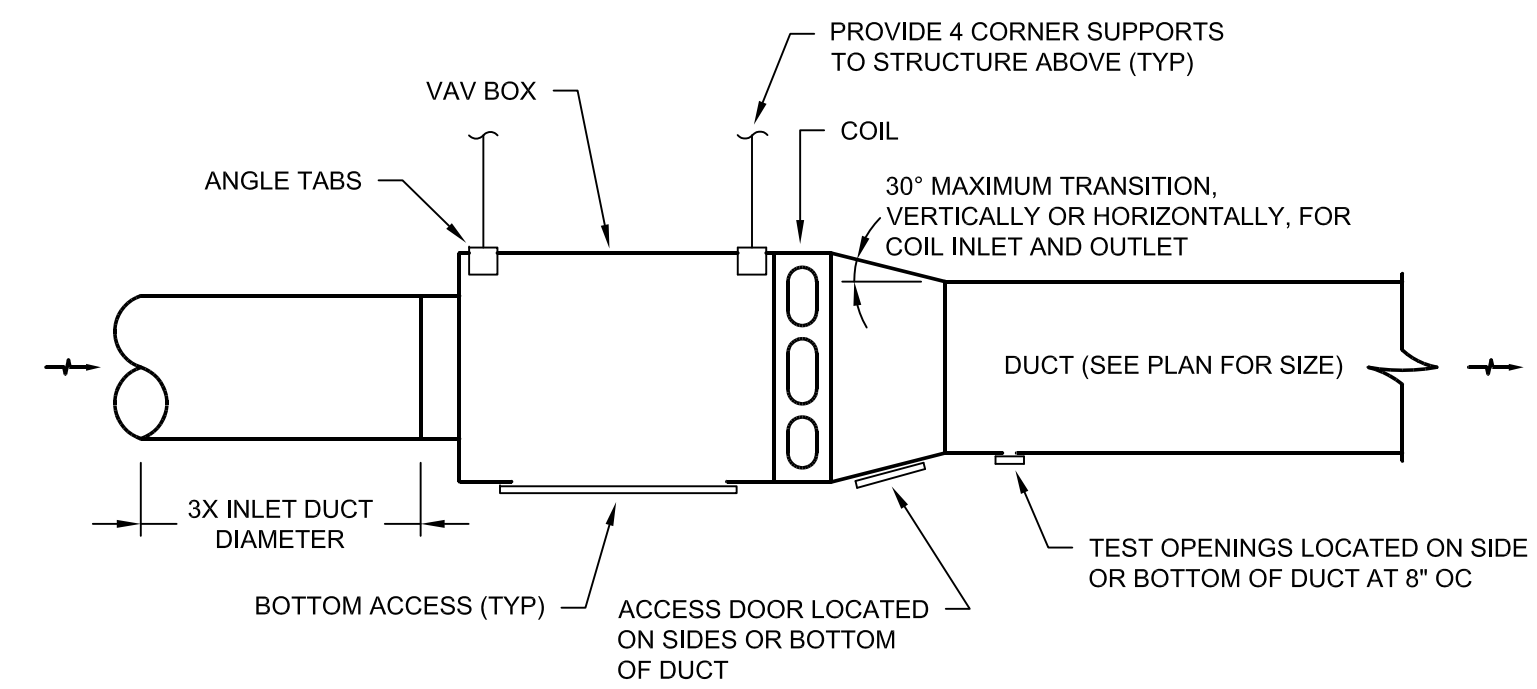
UNIT NO.	VAV-352	VAV-357		
LOCATION	3007	357		
MANUFACTURER	PRICE	PRICE		
MODEL NO.	SDVLP	SDVLP		
INLET SIZE	7"	8"		
OUTLET SIZE	12"x10"	12"x10"		
MAX AIR PD (WC)				
MIN. INLET SP ("WG)				
AIRFLOW (CFM)	MAXIMUM	400	650	
	MINIMUM	125	195	
HOT WATER REHEAT COIL DATA	HEATING CFM	125	195	
	EWT (°F)	180.0	180.0	
	LWT (°F)	150.0	150.0	
	EAT (°F)	55.0	55.0	
	LAT (°F)	105.0	95.0	
	CAPACITY (MBH)	6.8	8.5	
GPM	0.5	0.75		
MAX WATER PD (FT)	2.0	2.0		
REMARKS	1	1		

GENERAL NOTES:

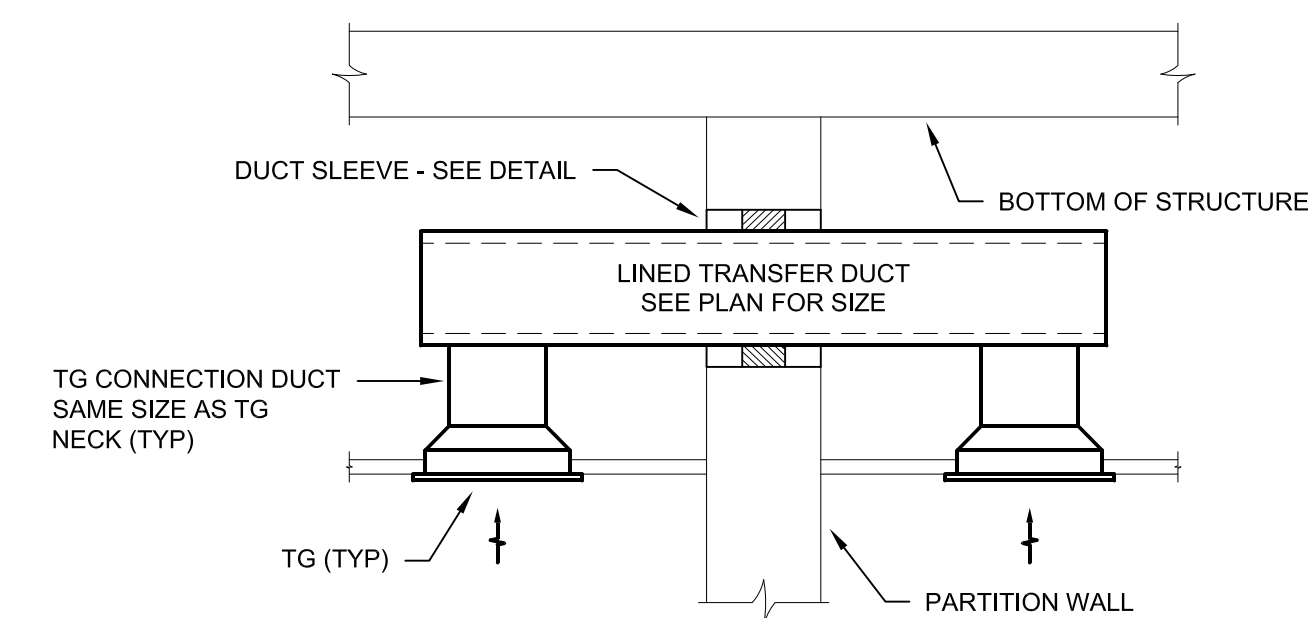
- NEITHER RADIATED NOR DISCHARGE SOUND LEVELS SHALL EXCEED 30 NC AT 1.5" STATIC PRESSURE WHEN TESTED PER ARI STANDARD 885-98.

KEYED NOTES:

- 1 LOW PROFILE AIR TERMINAL WITH MAXIMUM HEIGHT OF 10".



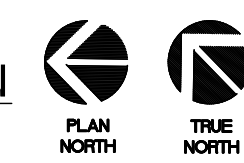
1 VAV BOOSTER COIL DETAIL
SCALE: NONE



2 TRANSFER DUCT DETAIL
SCALE: NONE

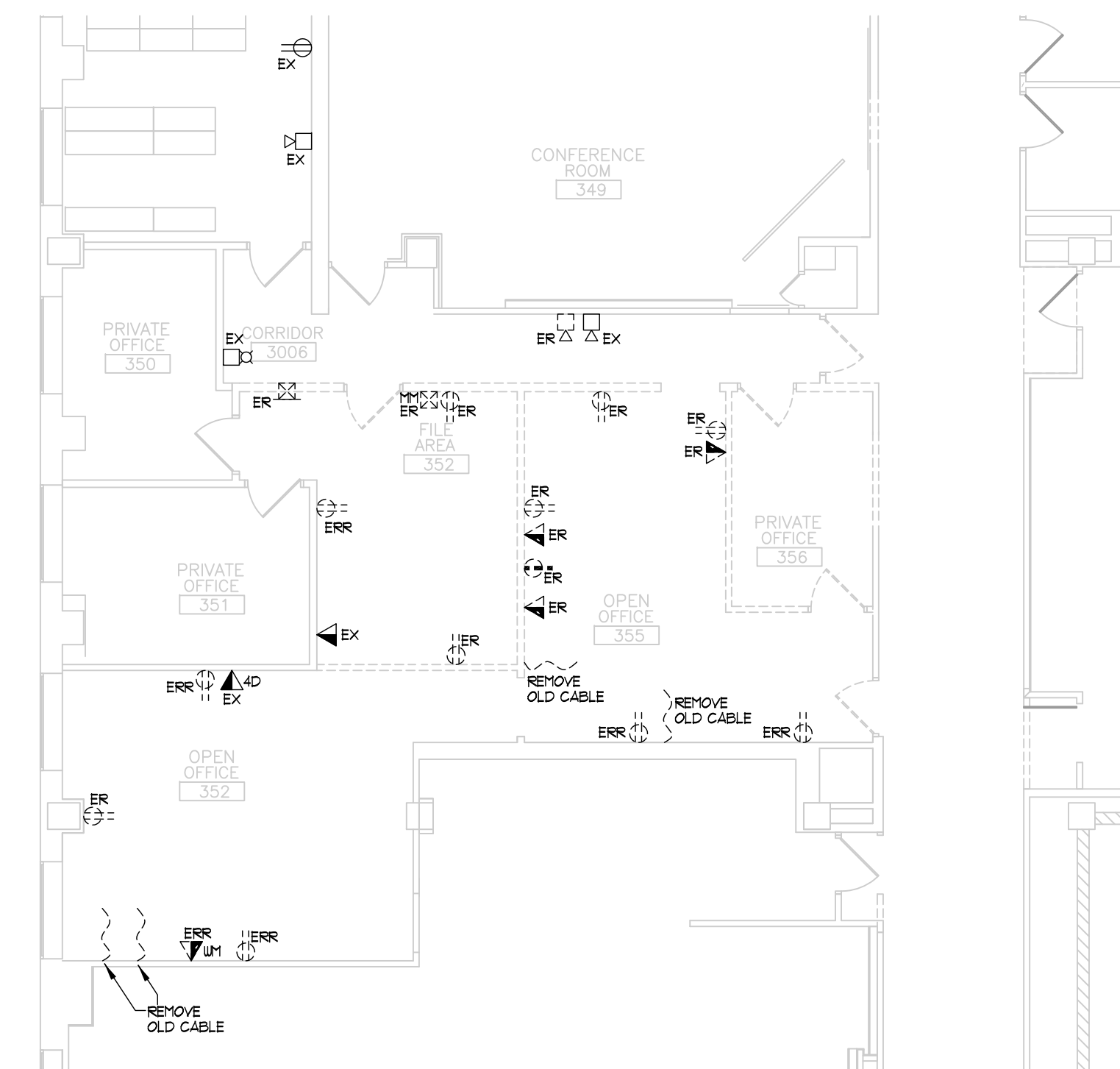


1 PARTIAL THIRD FLOOR ELECTRICAL DEMO PLAN - WORKSTATION RENOVATION
1/8"=1'-0"

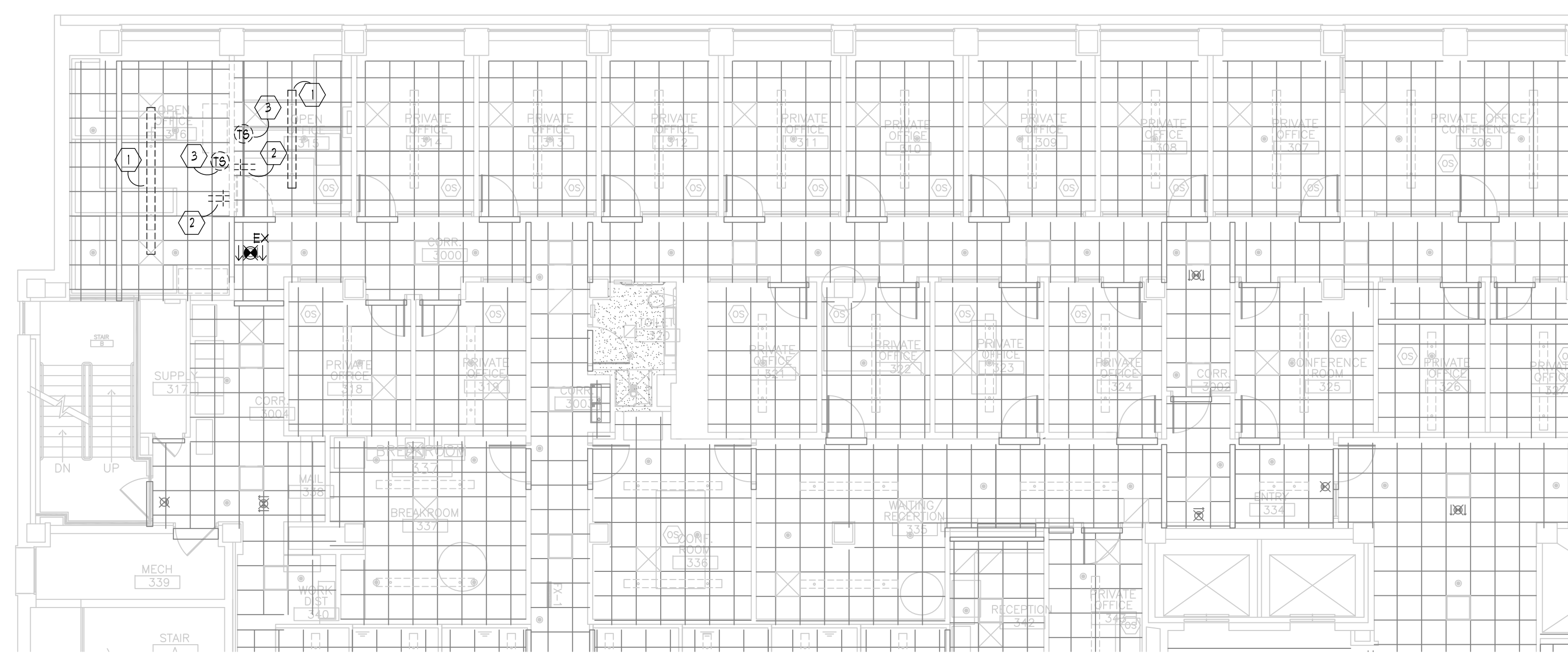
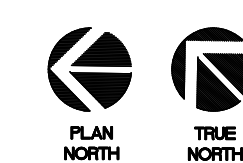


- KEYED NOTES:**
- 1 EXISTING PENDANT FLUORESCENT TO REMAIN IN PLACE.
 - 2 REMOVE SWITCHES.
 - 3 THERMOSTAT TO BE RELOCATED BY HVAC.
 - 4 REMOVE VOICE/DATA CABLES AND SALVAGE FOR REUSE.
 - 5 REMOVE RECEPTACLES. SALVAGE CIRCUITS FOR REUSE.
 - 6 REMOVE RECESSED FLUORESCENTS.

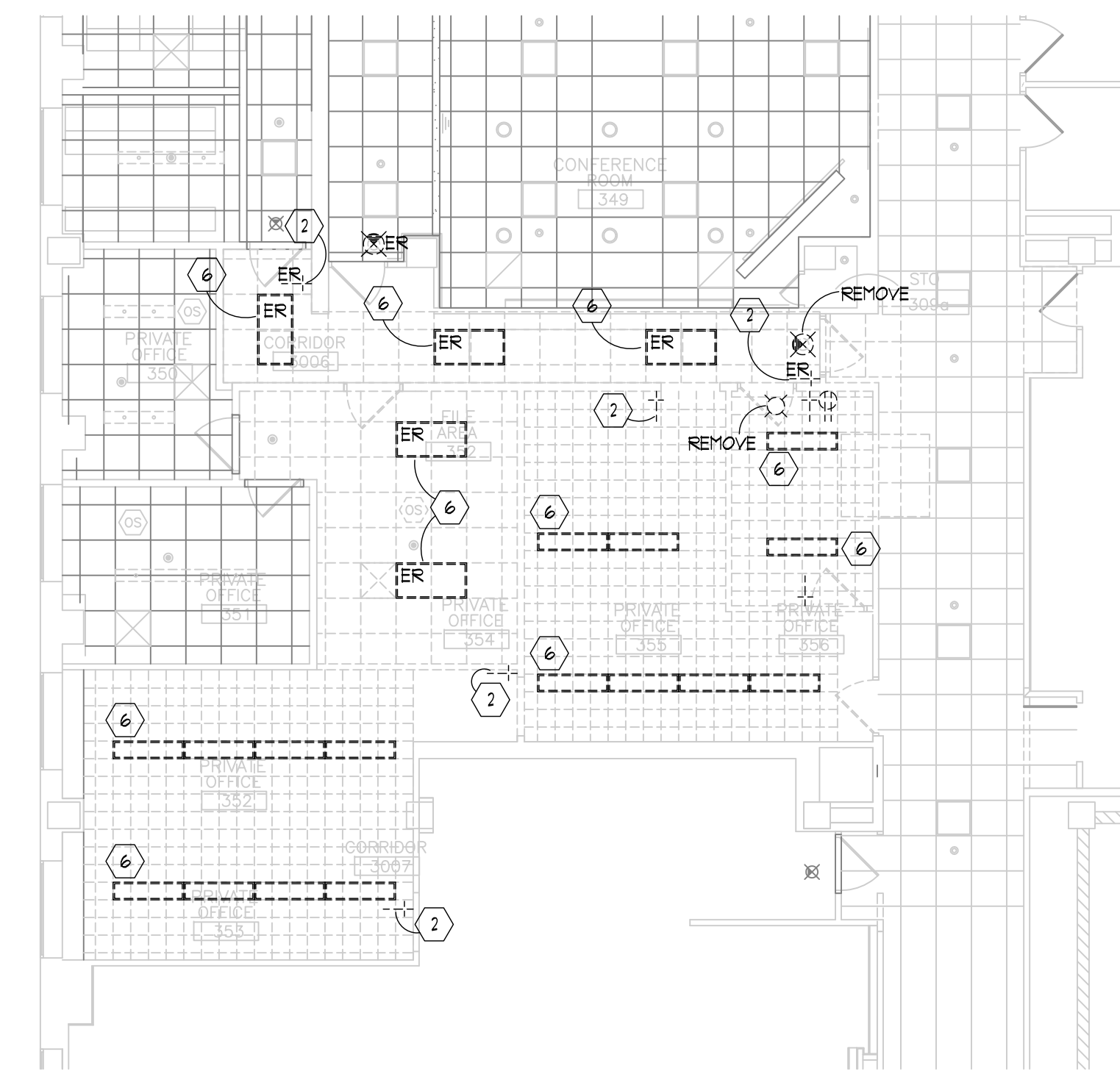
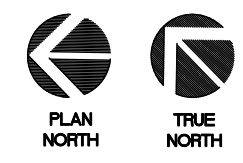
- GENERAL NOTE:**
1. REMOVE CABLES TO BE DEMOLISHED BACK TO SOURCE.



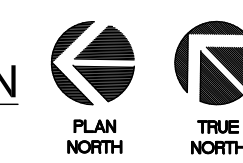
2 PARTIAL THIRD FLOOR ELECTRICAL DEMO PLAN - OFFICE RENOVATION
1/8"=1'-0"



3 PARTIAL THIRD FLOOR LIGHTING DEMO PLAN - WORKSTATION RENOVATION
1/8"=1'-0"



4 PARTIAL THIRD FLOOR LIGHTING DEMO PLAN - OFFICE RENOVATION
1/8"=1'-0"



ALTERNATE BID #1:
STATE DEDUCTION FROM BASE BID IF DEMOLITION IS BY OWNER.

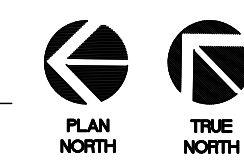
PROJECT
TENANT IMPROVEMENTS
THIRD FLOOR
CHILD SUPPORT RENOVATION
CITY-COUNTY BUILDING
210 MARTIN LUTHER KING,
JR. BLVD., MADISON, WI

DRAWING
PARTIAL THIRD FLOOR
DEMO PLANS AND PLANS

DATE
11.25.13

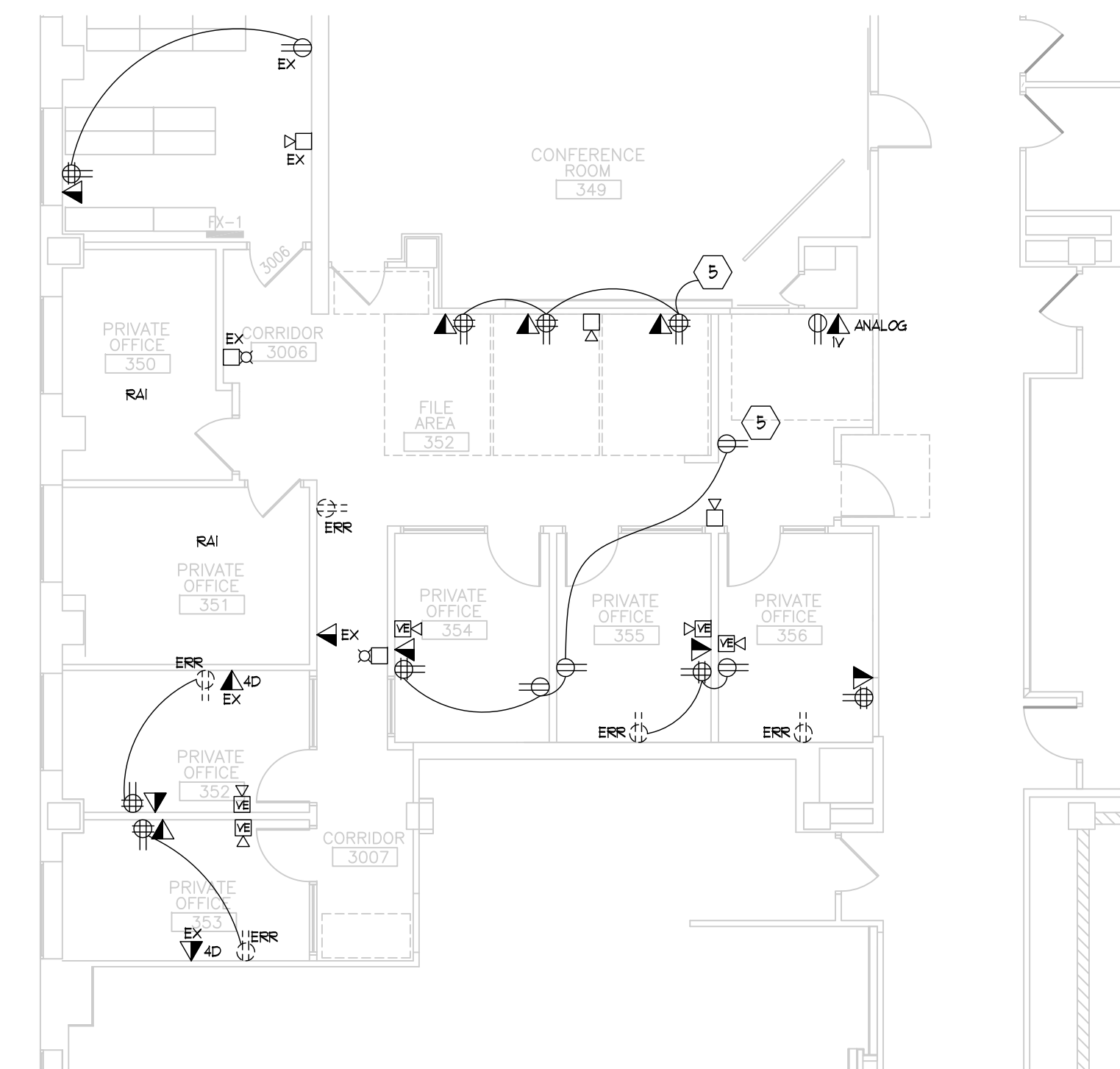


1 PARTIAL THIRD FLOOR POWER/SYSTEMS PLAN - WORKSTATION RENOVATION
1/8"=1'-0"

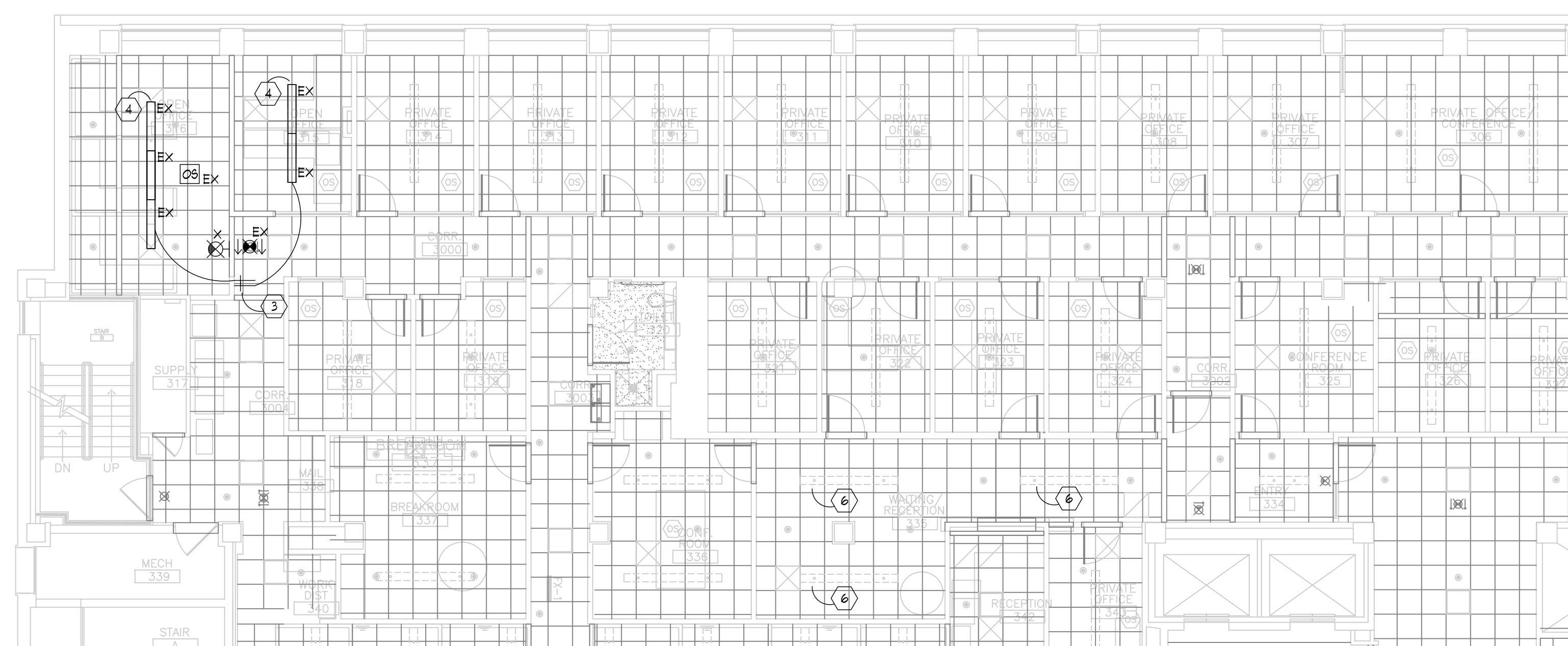
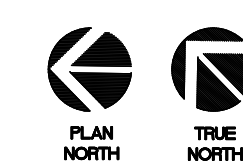


- KEYED NOTES:**
- 1 RELOCATE (2D) TO NEW LOCATION. REFULL CABLES IF NECESSARY.
 - 2 EXTEND PRINTER CIRCUIT TO EXISTING OUTLET.
 - 3 FISH EXISTING STUD WALL FOR NEW SWITCHES.
 - 4 REWIRE EXISTING FIXTURES TO NEW SWITCHES.
 - 5 CONNECT TO 20A CIRCUIT RELEASED BY DEMOLITION.
 - 6 RAISE EXISTING CABLE SUSPENDED FIXTURE 8".

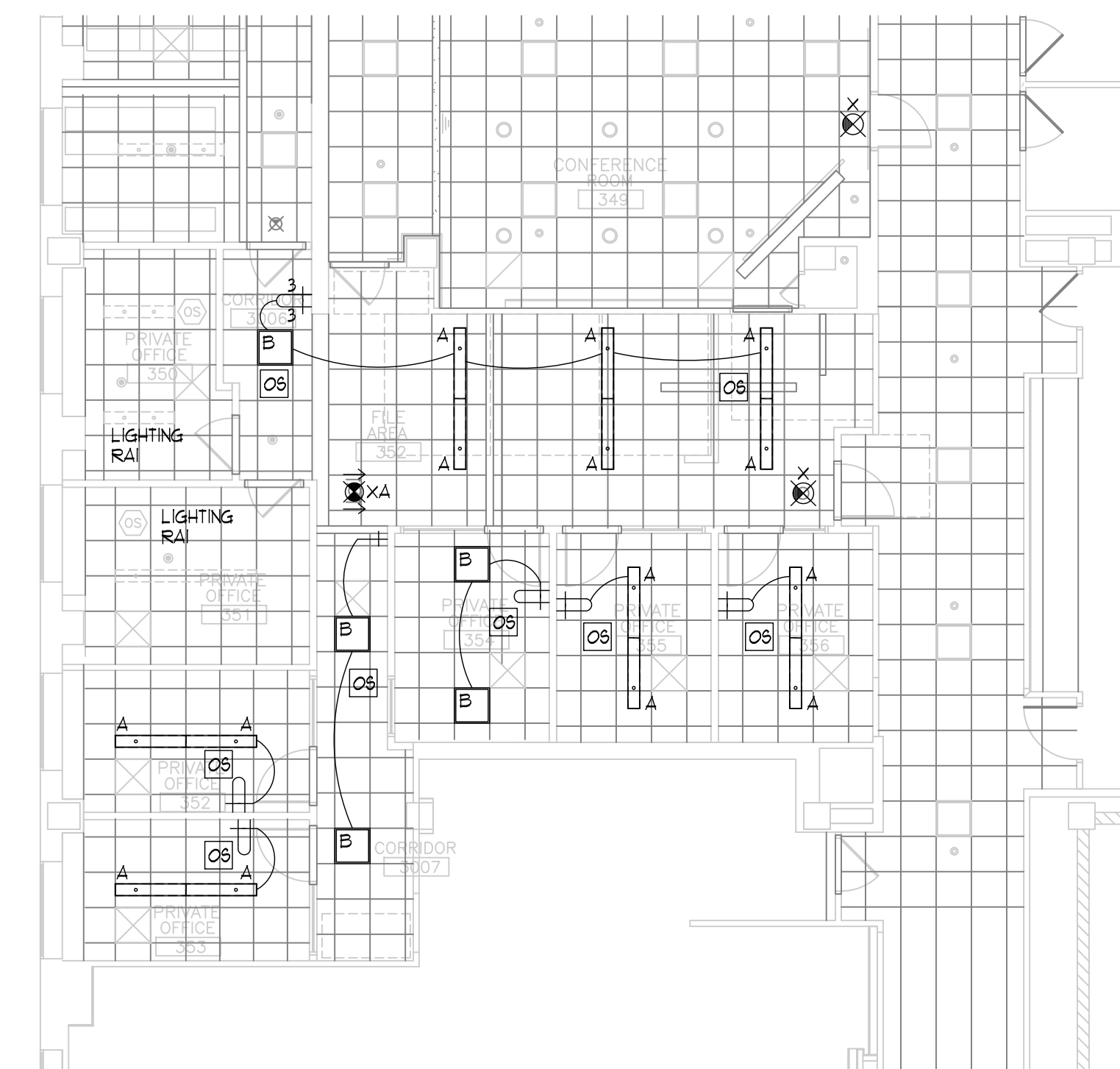
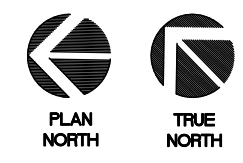
- GENERAL NOTE:**
- 1 WIRE NEW LIGHTING TO EXISTING CIRCUITS SERVING AREA.
 - 2 WIRE NEW RECEPTACLES TO EXISTING CIRCUITS RELEASED BY DEMOLITION.



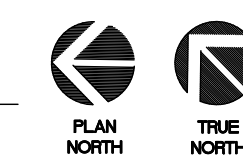
2 PARTIAL THIRD FLOOR POWER/SYSTEMS PLAN - OFFICE RENOVATION
1/8"=1'-0"



3 PARTIAL THIRD FLOOR LIGHTING PLAN - WORKSTATION RENOVATION
1/8"=1'-0"



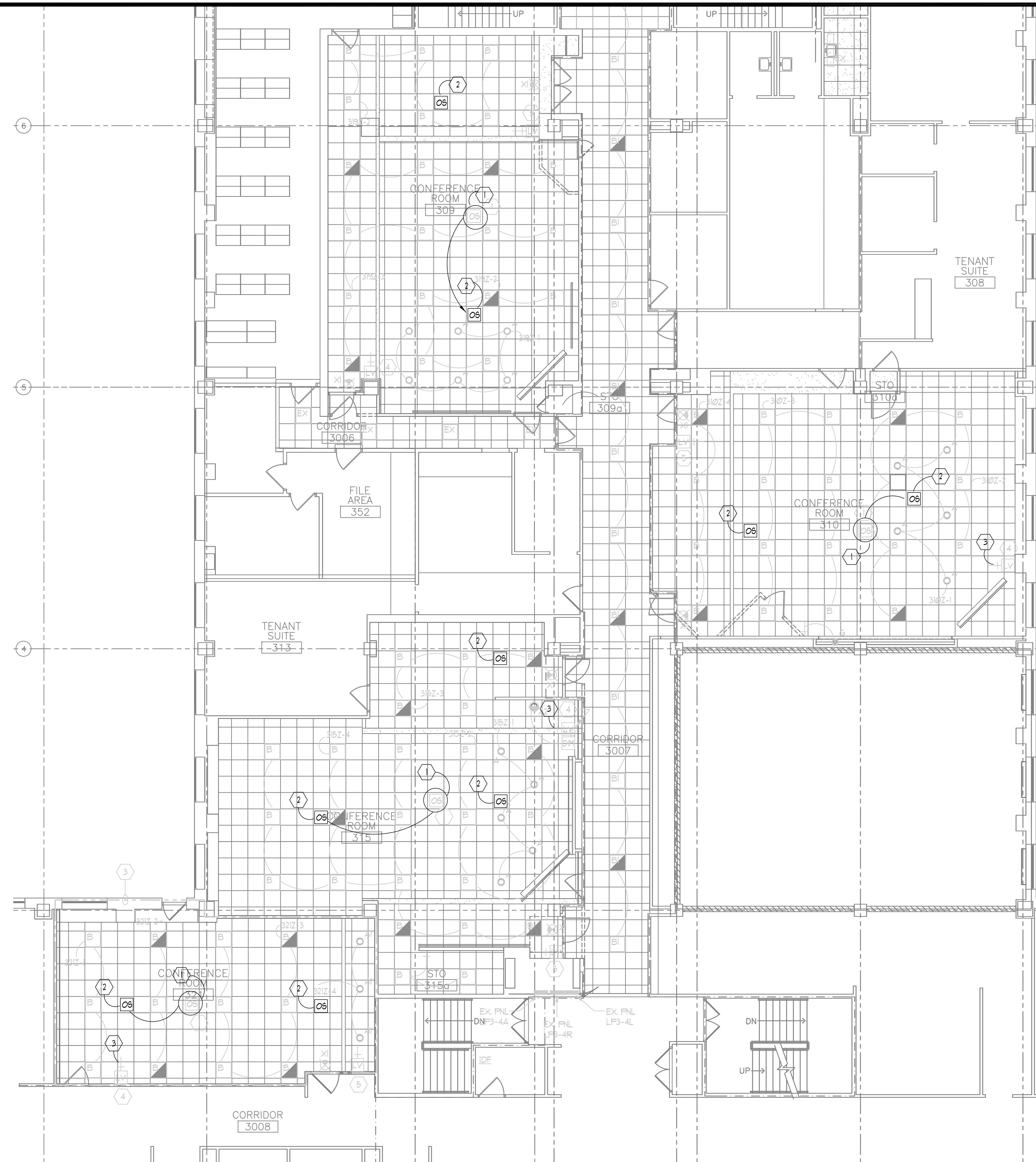
4 PARTIAL THIRD FLOOR LIGHTING PLAN - OFFICE RENOVATION
1/8"=1'-0"



PROJECT
TENANT IMPROVEMENTS
THIRD FLOOR
CHILD SUPPORT RENOVATION
CITY-COUNTY BUILDING
210 MARTIN LUTHER KING,
JR. BLVD., MADISON, WI

DRAWING
PARTIAL THIRD FLOOR
ELECTRICAL PLANS

DATE
11.25.13



ELECTRICAL ABBREVIATIONS

- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- BFG BELOW FINISH GRADE
- BOL BUILT-IN OVERLOAD
- C CONDUIT
- CKT CIRCUIT
- CB COMBINATION STARTER
- D DEDICATED
- DD DOUBLE DUPLEX
- EC ELECTRICAL CONTRACTOR
- EWC ELECTRIC WATER COOLER
- ER EXISTING TO BE REMOVED
- ERL EXISTING RELOCATED (NEW LOCATION)
- ETL EXISTING TO BE RELOCATED (OLD LOCATION)
- EX EXISTING TO REMAIN
- FACP FIRE ALARM CONTROL PANEL
- GC GENERAL CONTRACTOR
- GFI GROUND FAULT INTERRUPTER
- HV HEATING AND VENTILATION CONTRACTOR
- IG ISOLATED GROUND
- IR IN ROOM
- IU IN UNIT
- MAN MANUAL STARTER
- MAG MAGNETIC STARTER
- MCA MINIMUM CIRCUIT AMPACITY
- NIC NOT IN CONTRACT
- NL NIGHT LIGHT
- NU NEAR UNIT
- PB PUSHBUTTON
- PC PLUMBING CONTRACTOR
- PW FRE-WIRED
- RV REDUCED VOLTAGE STARTER
- RAI REMAIN AS IS
- SC SEPARATE CIRCUIT
- SS SPEED SWITCH
- SU SWITCH
- TC TIMECLOCK
- TS THERMOSTAT
- UM UNIT MANUFACTURER
- UP WEATHERPROOF
- ERR EXISTING-REPLACE DEVICE AND COVERPLATE

ELECTRICAL SYMBOLS

- FLUORESCENT RECESSED FIXTURE
- SURFACE FIXTURE
- SINGLE POLE TOGGLE SWITCH (3) THREE WAY (4) FOUR WAY (K) KEY (P) PILOT LIGHT (OS) OCCUPANCY SENSOR MOUNT 48" ABOVE FLOOR TO TOP OF BOX.
- DUAL LEVEL SWITCH (3) THREE WAY (4) FOUR WAY (K) KEY (P) PILOT LIGHT (OS) OCCUPANCY SENSOR MOUNT 48" ABOVE FLOOR TO TOP OF BOX.
- DUPLEX RECEPTACLE 15" ABOVE FLOOR TO BOTTOM OF BOX OR HEIGHT AS INDICATED
- DOUBLE DUPLEX RECEPTACLE 15" ABOVE FLOOR TO BOTTOM OF BOX OR HEIGHT AS INDICATED
- DUPLEX RECEPTACLE HORIZONTAL ABOVE COUNTER
- TELEPHONE OUTLET 15" ABOVE FLOOR TO BOTTOM OF BOX - (W) WALL HEIGHT MEASURED FROM FLOOR TO TOP OF BOX.
- VOICE/DATA OUTLET
- OCCUPANCY SENSOR
- CEILING MOUNTED EXIT SIGN
- WALL MOUNTED EXIT SIGN

FIRE ALARM SYMBOLS

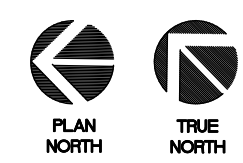
- NEW SPEAKER/STROBE 80" AFF TO BOTTOM OF BOX OR 6' DOWN FROM CEILING TO TOP OF BOX WHICHEVER IS LOWER
- NEW FIRE ALARM STROBE - ADA RATED 80" TO BOTTOM OF BOX OR 6' DOWN FROM CEILING TO TOP OF BOX WHICHEVER IS LOWER
- VOICE EVAC SPEAKER - WHEELLOCK ET90-W CEILING RECESSED. WIRE TO SIMPLEX FIRE ALARM SYSTEM.

LIGHT FIXTURE SCHEDULE

TAG	NO	LAMP DATA TYPE	DESCRIPTION	MAKE	CATALOG NO	MOUNT	CEILING TYPE	VOLT	SEE NOTE
A	2	F28T8SP55LMXECO	PENDANT LINEAR FLUORESCENT	AVIS	202C-PL-4-TS-2-A-0-5-120-1	CABLE	GRID	120	1
B	2	F14WTSR35ECO	2x2 LOW PROFILE	CORE LITE	R1-W-B-2-TS-1-C-UNV-E881	RECESSED	GRID	120	1
X	-	LED	DIECAST SINGLE FACE EXIT	SURELITE	CAX7-170-00-R-SD	TOP OR BACK	VARIES	120	2

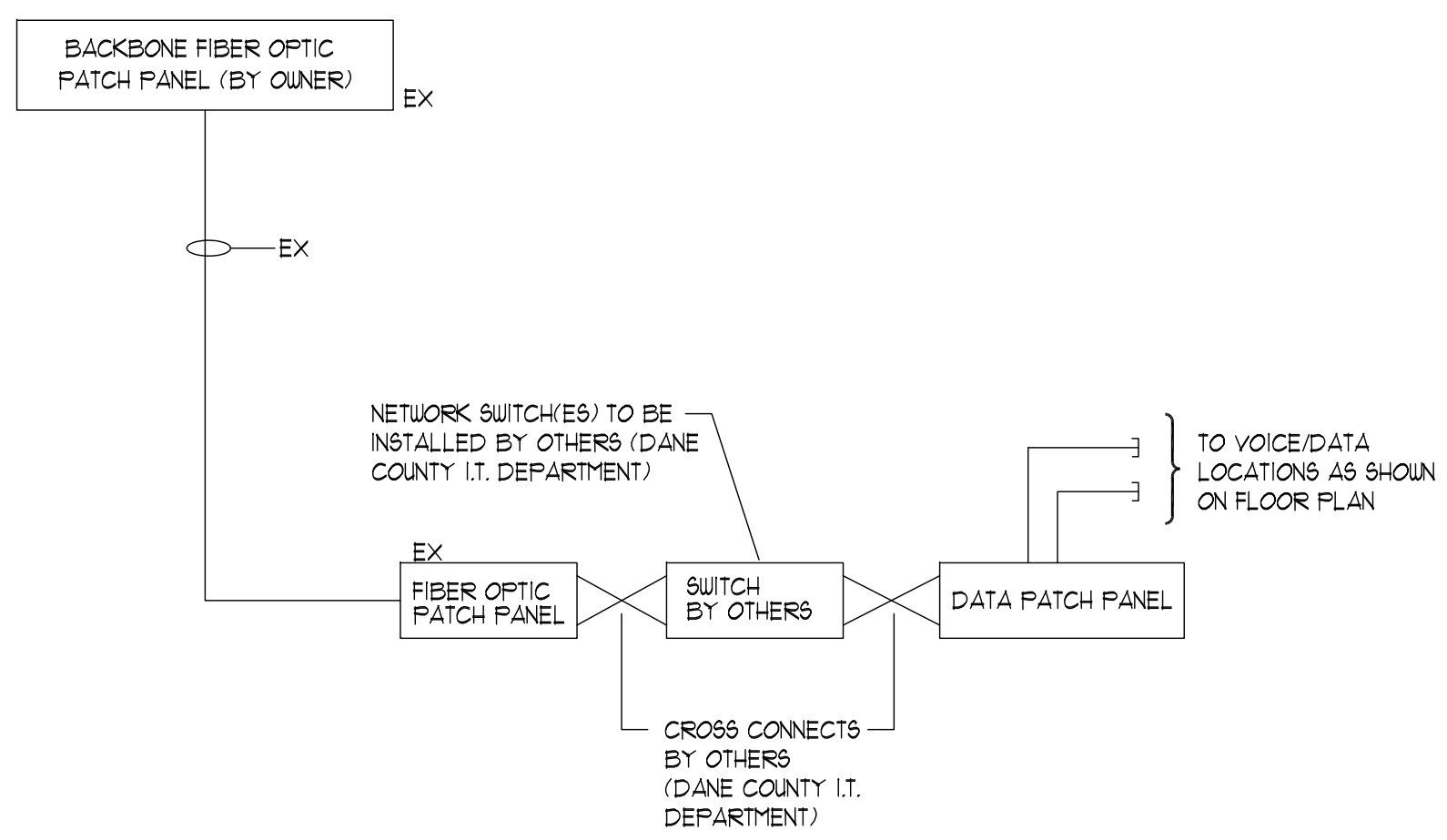
NOTES:
1. ALL BALLASTS SHALL OPERATE AS A PARALLEL CIRCUIT ALLOWING REMAINING LAMPS TO MAINTAIN FULL LIGHT OUTPUT IF A LAMP IS OUT. PROVIDE BALLAST ARRANGEMENT FOR DUAL SWITCHING.
2. WITH INTERNAL BATTERY.

1 LIGHTING CONTROL ADJUSTMENTS
1/8"=1'-0"
THIS WORK IS UNDER ALTERNATE BID 'B'

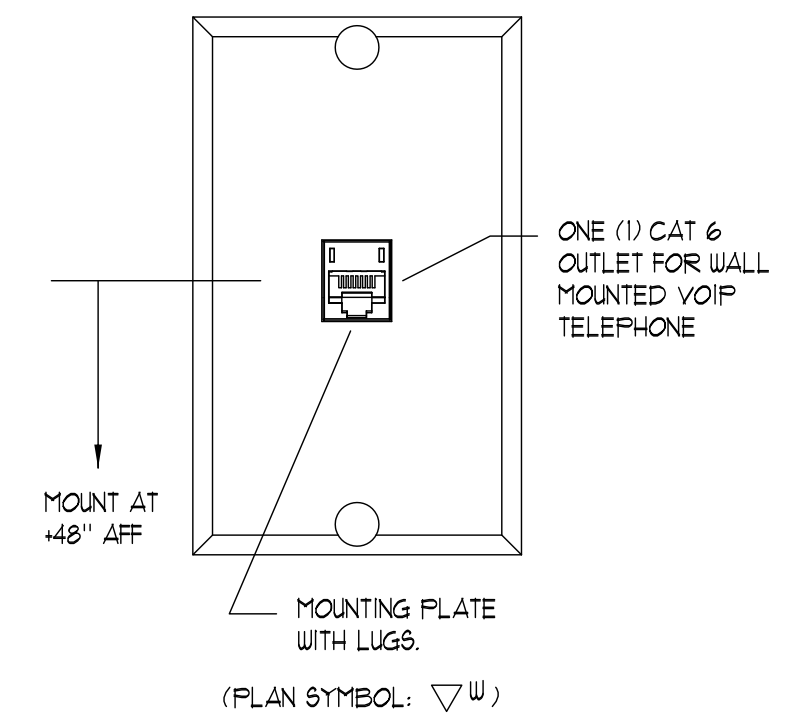


KEYED NOTES:

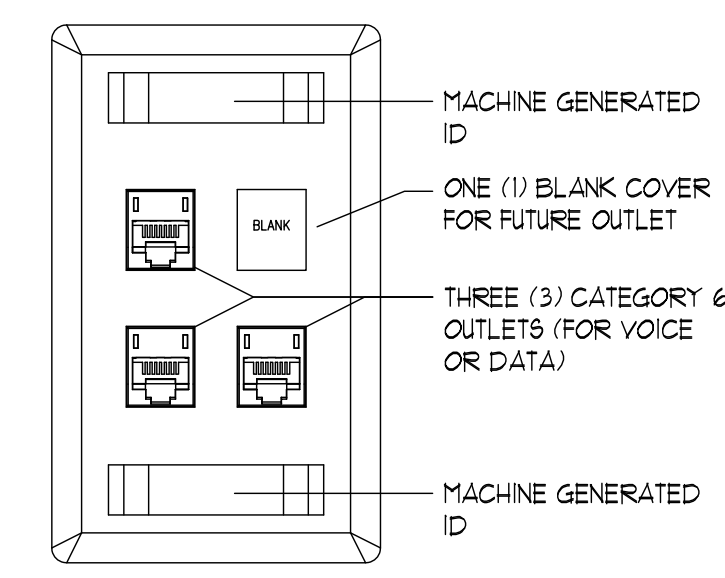
- 1 RELOCATE EXISTING OCCUPANCY SENSOR.
- 2 ADD NEW OCCUPANCY SENSOR.
- 3 REPROGRAM EXISTING LUTRON GRAFIK-EYE TO ESTABLISH (4) PRESETS PER OWNER'S DIRECTION.



DATA RISER DIAGRAM - CATEGORY 6 PERFORMANCE
NO SCALE



WALL PHONE OUTLET DETAIL
SCALE: NONE



TYPICAL WORKSTATION DATA OUTLET DETAIL
SCALE: NONE

PROJECT
TENANT IMPROVEMENTS
THIRD FLOOR
CHILD SUPPORT RENOVATION
CITY-COUNTY BUILDING
210 MARTIN LUTHER KING,
JR. BLVD., MADISON, WI

DRAWING
ELECTRICAL SYMBOLS,
DETAILS AND SCHEDULES

DATE
11.25.13