



# CITY-COUNTY BUILDING 4TH FLOOR REMODEL, SUITES 418, 419 & 425

210 MARTIN LUTHER KING JR BLVD, MADISON, WI 53703

ARCHITECTURAL ABBREVIATIONS LEGEND		
+ - AND	FIN - FINISH	PREFAB - PREFABRICATED
@ - AT	FLR - FLOOR	PERIM - PERIMETER
AB - ANCHOR BOLT	FND - FOUNDATION	PC - PLUMBING CONTRACTOR
ABF - ABOVE FINISH FLOOR	FOM - FACE OF MASONRY	P/C - PRECAST / PRESTRESSED
ALT - ALTERNATE	FOS - FACE OF STUD	PIT - POST TENSIONED
ALUM - ALUMINUM	FTG - FOOTING	PT - PRESSURE TREATED
ARCH - ARCHITECT / ARCHITECTURAL	FUT - FUTURE	
	FV - FIELD VERIFY	
BRD - BOARD	GA - GAUGE	R - RADIUS
BLK - BLOCK (CMU)	GALV - GALVANIZED	RD - ROOF DRAIN
BOT - BOTTOM	GB - GRAB BAR	REINF - REINFORCING
	GC - GENERAL CONTRACTOR	REQD - REQUIRED
	GYP - GYPSUM	RM - ROOM
CB - CATCH BASIN	HC - HVAC CONTRACTOR	SCHED - SCHEDULE
CIP - CAST-IN-PLACE	HM - HOLLOW METAL	SHT - SHEET
CJ - CONSTRUCTION JOINT	HORIZ - HORIZONTAL	SIM - SIMILAR
CL - CENTERLINE	HT - HEIGHT	SOG - SLAB ON GRADE
CLG - CEILING	HVAC - HEATING, VENTILATION & AIR CONDITIONING	SPEC - SPECIFICATION
CLJ - CONTROL JOINT	HR - HOUR	SS - SQUARE
CLR - CLEAR DISTANCE	ID - INSIDE DIAMETER	SS - STAINLESS STEEL
CMU - CONCRETE MASONRY UNIT	I.F. - INSIDE FACE	STL - STEEL
CO - CASED OPENING	INSUL - INSULATION	STR - STRUCTURAL
COL - COLUMN	INT - INTERIOR	
CONC - CONCRETE	JBE - JOIST BEARING ELEVATION	THK - THICKNESS
CONT - CONTINUOUS	JT - JOINT	TOL - TOP OF LEDGE ELEVATION
CU - CUBIC	L - STEEL ANGLE DESIGNATION	TOP - TOP OF PIER ELEVATION
	LAM - LAMINATE	TP - TOILET PAPER DISPENSER
DBL - DOUBLE	LVL - LAMINATED VENEER LUMBER	TS - (SEE HIGH STRENGTH STEEL DESIGNATION)
DF - DRINKING FOUNTAIN		TYP - TYPICAL
DM - DIAMETER		TOW - TOP OF WALL ELEVATION
DN - DOWN		UL - UNDERWRITERS LAB
DS - DOWN SPOUT		UNO - UNLESS NOTED OTHERWISE
DTL - DETAIL		
DWG - DRAWING		
EA - EACH	MAX - MAXIMUM	VB - VAPOR BARRIER
EC - ELECTRICAL CONTRACTOR	MBW - MASONRY BEARING WALL	VERT - VERTICAL
EIFS - EXTERIOR INSULATION FINISH SYSTEM	MFG - MANUFACTURER	VIF - VERIFY IN FIELD
EL - ELEVATION	MIN - MINIMUM	
ELEV - ELEVATOR	MO - MASONRY OPENING	
ENG - ENGINEER	MTL - METAL	
EQ - EQUAL		
EXIST - EXISTING	NIC - NOT IN CONTRACT	W - WIDTH
EXP - EXPANSION	NOM - NOMINAL	W/ - WITH
EXT - EXTERIOR	NTS - NOT TO SCALE	W/O - WITHOUT
	NO - NUMBER	WC - WATER CLOSET
		WD - WOOD
FD - FLOOR DRAIN		WRB - WEATHER RESISTANT BARRIER
FND - FOUNDATION		WWF - WELDED WIRE FABRIC
FE - FIRE EXTINGUISHER	OC - ON CENTER	
FEC - FIRE EXTINGUISHER CABINET	OD - OUTSIDE DIAMETER	
FF - FINISH FLOOR	O.F. - OUTSIDE FACE	
	OH - OVERHEAD	
	OPCI - OWNER PROVIDED, CONTRACTOR INSTALLED	
	OPOI - OWNER PROVIDED, OWNER INSTALLED	
	OPNG - OPENING	
	OPP - OPPOSITE	

CODE INFORMATION SUMMARY
<b>APPLICABLE CODE</b> 2015 WISCONSIN COMMERCIAL BUILDING CODE "IEBC"
<b>CONSTRUCTION TYPE</b> TYPE IIA
<b>OCCUPANCY</b> B - BUSINESS
<b>FIRE SPRINKLER</b> BUILDING IS FULLY SPRINKLERED NFPA 13 - ENTIRE BUILDING
<b>FIRE RESISTANCE RATING BUILDING ELEMENTS</b> STRUCTURAL FRAME (COLUMNS & BEAMS) = 1 HOUR ASSUMED BEARING WALLS (EXTERIOR AND INTERIOR) = 1 HOUR ASSUMED NON-BEARING WALLS (EXTERIOR) = 1 HOUR < 30' TO PROPERTY LINE NO RATING > 30' TO PROPERTY LINE FLOOR = 1 HOUR ROOF = 1 HOUR
<b>REQUIRED FIRE BARRIER/PARTITION</b> RESISTANT RATINGS: CORRIDOR WALLS: 1 HOUR SHAFTS: 2 HOURS STAIR ENCLOSURE: 2 HOURS SEE CODE COMPLIANCE PLANS FOR MORE INFORMATION

PROJECT/BUILDING DATA
EXISTING SUITE REMODELS
<b>WORK AREAS</b> FOURTH FLOOR TOTAL REMODEL AREA = 10,403 SQFT FOURTH FLOOR SUITE 419 REMODEL = 2,642 SQFT FOURTH FLOOR SUITE 425 REMODEL = 7,742 SQFT

**Architecture :**

**MEPFP  
Engineering**

**LIST OF DRAWINGS**

- GENERAL
- G0.0 COVER SHEET
- G0.1 CODE COMPLIANCE PLAN
- DEMOLITION
- D1.1 DEMOLITION PLAN - SOUTH
- D1.2 DEMOLITION PLAN - NORTH
- ARCHITECTURAL
- A1.1 NEW WORK PLAN - SOUTH
- A1.2 NEW WORK PLAN - NORTH
- A1.3 WALL EXTENSION PLAN
- A4.1 REFLECTED CEILING PLAN - SOUTH
- A4.2 REFLECTED CEILING PLAN - NORTH
- A6.0 WALL TYPES & DETAILS
- A6.1 DOOR SCHEDULES, DOOR TYPES, DOOR & FRAME ELEVATIONS
- A7.0 INTERIOR ELEVATIONS
- A7.1 INTERIOR ELEVATIONS
- A8.0 DETAILS
- A8.1 DETAILS
- A9.1 FLOOR FINISH PLAN - SOUTH
- A9.2 FLOOR FINISH PLAN - NORTH
- PLUMBING
- P0.0 SYMBOLS, ABBREVIATIONS & DETAILS - PLUMBING
- P1.0 DEMOLITION PLAN - SOUTH - PLUMBING
- P1.1 DEMOLITION PLAN - NORTH - PLUMBING
- P2.0 FLOOR PLAN - SOUTH - PLUMBING
- P2.1 FLOOR PLAN - NORTH - PLUMBING

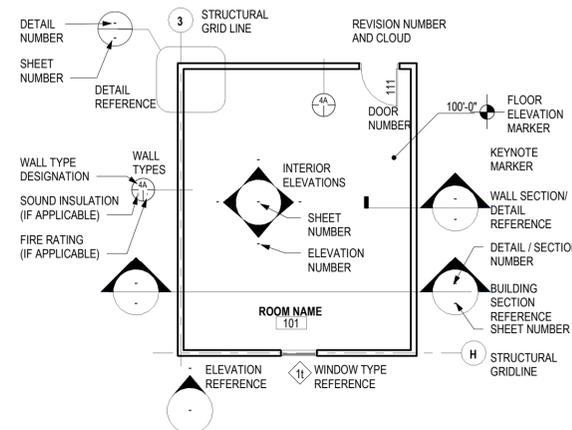
**Dimension IV - Madison Design Group**

6515 Grand Teton Plaza, Suite 120, Madison, WI 53719  
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**JDR Engineering, Inc.**  
5525 Nobel Drive, Suite 110, Madison, WI 53711  
p: 608.277.1728 www.jdrengineering.com

**LIST OF DRAWINGS**

- FIRE PROTECTION
- F0.0 SYMBOLS, ABBREVIATIONS & NOTES - FIRE PROTECTION
- F1.0 DEMOLITION PLAN - SOUTH - FIRE PROTECTION
- F1.1 DEMOLITION PLAN - NORTH - FIRE PROTECTION
- F2.0 FLOOR PLAN - SOUTH - FIRE PROTECTION
- F2.1 FLOOR PLAN - NORTH - FIRE PROTECTION
- HVAC
- M0.0 SYMBOLS AND ABBREVIATIONS - HVAC
- M1.0 DEMOLITION PLAN - SOUTH - HVAC DUCT
- M1.1 DEMOLITION PLAN - NORTH - HVAC DUCT
- M1.2 DEMOLITION PLAN - SOUTH - HVAC PIPE
- M1.3 DEMOLITION PLAN - NORTH - HVAC PIPE
- M2.0 FLOOR PLAN - SOUTH - HVAC DUCT
- M2.1 FLOOR PLAN - NORTH - HVAC DUCT
- M2.2 FLOOR PLAN - SOUTH - HVAC PIPE
- M2.3 FLOOR PLAN - NORTH - HVAC PIPE
- M2.4 FLOOR PLAN - EAST - HVAC - PIPE
- M8.0 SCHEDULES - HVAC
- M9.0 DETAILS - HVAC
- ELECTRICAL
- E0.0 SYMBOLS AND ABBREVIATIONS - ELECTRICAL
- E1.0 DEMOLITION PLAN - SOUTH - LIGHTING
- E1.1 DEMOLITION PLAN - NORTH - LIGHTING
- E1.2 DEMOLITION PLAN - SOUTH - POWER/SYSTEMS
- E1.3 DEMOLITION PLAN - NORTH - POWER/SYSTEMS
- E2.0 FLOOR PLAN - SOUTH - LIGHTING
- E2.1 FLOOR PLAN - NORTH - LIGHTING
- E2.2 FLOOR PLAN - SOUTH - POWER/SYSTEMS
- E2.3 FLOOR PLAN - NORTH - POWER/SYSTEMS

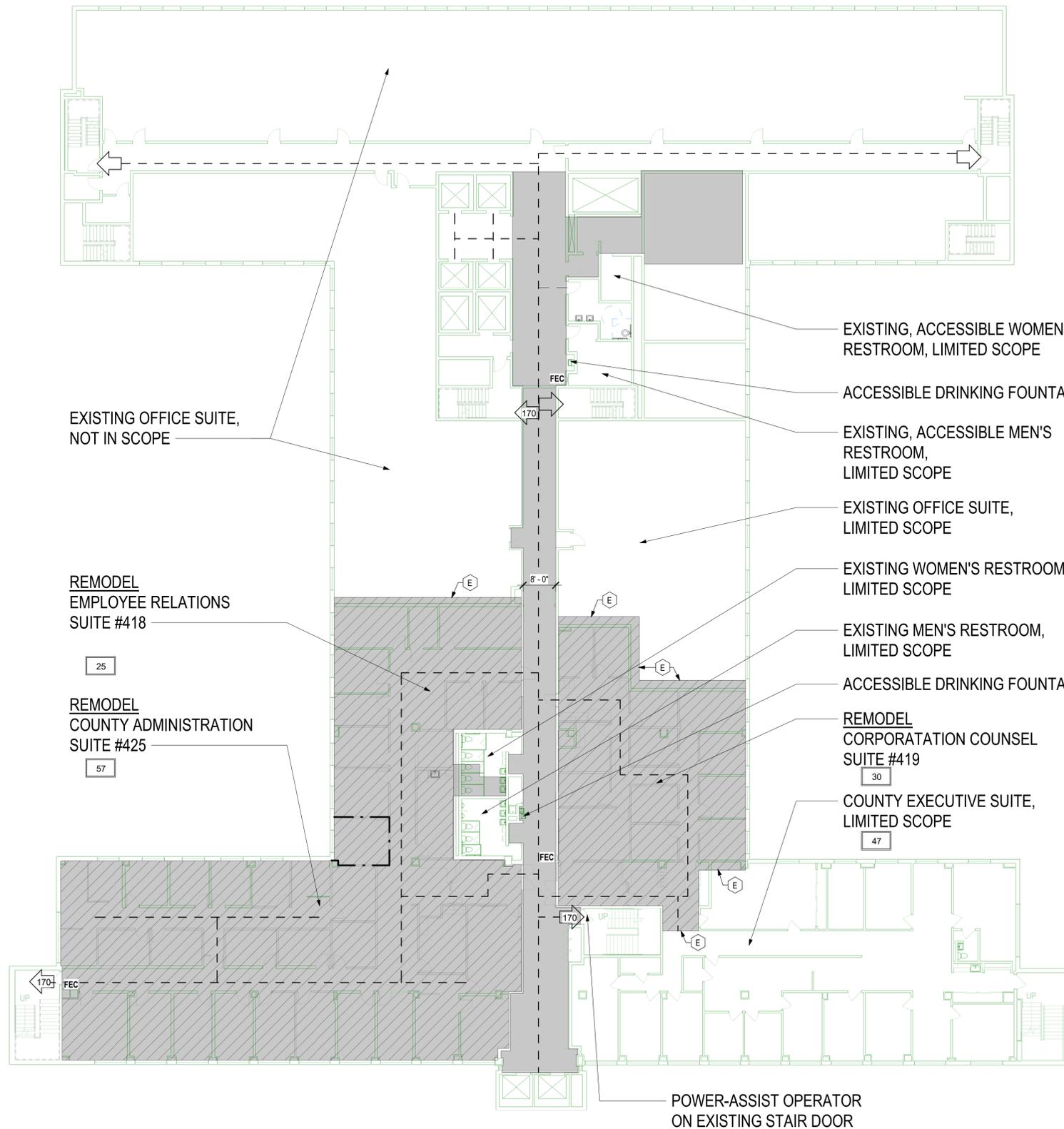


**100% CONSTRUCTION DOCUMENTS**

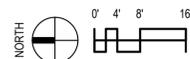
DANE COUNTY RFB # 319034  
PROJECT # 19007  
10/28/2019

**GO.0**

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**1** **FOURTH FLOOR CODE COMPLIANCE PLAN**  
1/16" = 1'-0"



**CODE COMPLIANCE GENERAL NOTES**

- ALL FIRE EXTINGUISHER CABINETS SHALL BE IN APPROVED LOCATIONS WITH A MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER TO BE 75 FEET PER I.F.C.
- COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 50' PER 1006.2.1 & 1029.8.
- EXIT ACCESS TRAVEL DISTANCE IS 300' WITH SPRINKLERS PER TABLE 1017.2.
- FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED IN THE FIELD WITH SIGNS OR STENCILING PER IBC 703.7
- SEE REFLECTED CEILING PLANS

**CODE COMPLIANCE SYMBOLS LEGEND**

- FEC INDICATES FIRE EXTINGUISHER CABINET LOCATION
- XXX INDICATES OCCUPANCY CAPACITY
- INDICATES ADA ACCESSIBLE ROUTE
- INDICATES EMERGENCY EXIT ROUTE
- INDICATES 1HR FIRE RATING
- XXX INDICATES EXIT AND EXIT CAPACITY
- WORK AREA
- LEVEL 2 ALTERATIONS

**PLUMBING FIXTURE COUNT**

EXISTING TO REMAIN UNCHANGED

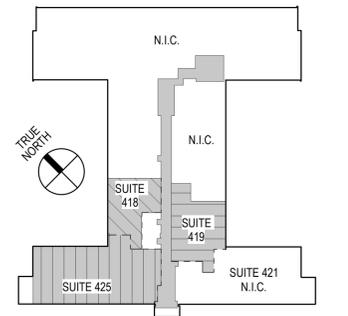
**TEMPORARY CONSTRUCTION NOTES**

- MAINTAIN ALL EXITS AT ALL TIMES
- PROVIDE METAL FRAMED TEMPORARY PARTITIONS WHERE REQUIRED FOR EXITING STAFF AND PUBLIC ACCESS, ETC.
- MINIMUM CONSTRUCTION DUST PROOF VISQUEEN WITH PLYWOOD PASSAGE DOORS
- KEEP PUBLIC PASSAGE WAYS CLEAN AT ALL TIMES AND EXIT LIGHTS OPERABLE
- ADDITIONAL PARTITIONS WILL BE REQUIRED SUCH AS ACCESS TO TOILET ROOMS, ETC.

**DIMENSION**   
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**DANE COUNTY**  
DEPARTMENT OF  
PUBLIC WORKS, HIGHWAY  
& TRANSPORTATION  
1919 Alliant Energy Center Way  
Madison, Wisconsin 53713

**CITY-COUNTY  
BUILDING 4TH  
FLOOR REMODEL,  
SUITES 418, 419 &  
425**  
210 MARTIN LUTHER KING JR BLVD,  
MADISON, WI 53703



**FOURTH FLOOR KEY PLAN**

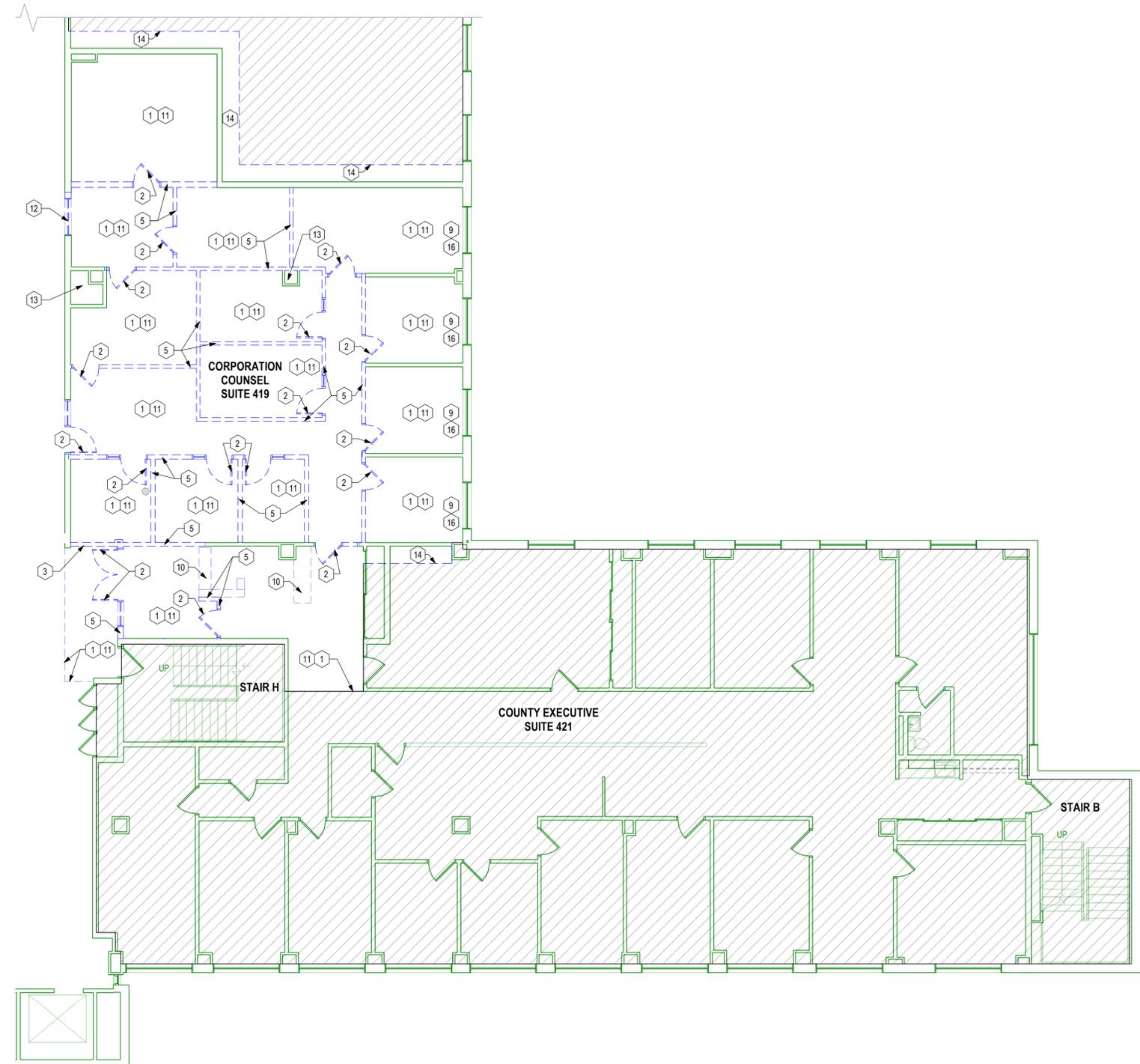
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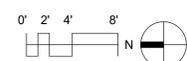
PROJECT # 19007  
DCPW RFB # 319034

**FOURTH FLOOR**  
**CODE COMPLIANCE**  
**PLAN**

**G0.1**



1 **FOURTH FLOOR DEMOLITION PLAN - SOUTH**  
1/8" = 1'-0"

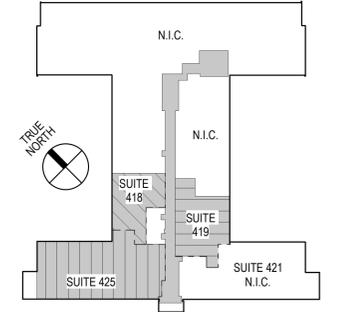


**DEMOLITION PLAN KEYNOTES**

- INDICATES EXISTING WALL, DOOR, FIXTURE, ETC.
- INDICATES ITEM TO BE REMOVED
- AREA NOT IN SCOPE OF WORK
- 1. REMOVE ALL EXISTING FLOORING AND ADHESIVES IN AREA INDICATED AND PREP FLOOR FOR NEW MATERIAL. REFER TO SELECTIVE DEMOLITION SPEC FOR CARPET REMOVAL.
- 2. REMOVE DOOR AND FRAME.
- 3. REMOVE EXISTING FIRE EXTINGUISHER CABINET AND SALVAGE FOR RELOCATION.
- 4. REMOVE AND REPLACE WALL AS NEEDED FOR PLUMBING AND PIPING COORDINATION.
- 5. REMOVE WALL PARTITION.
- 6. REMOVE EXISTING DOOR FRAME, SALVAGE WOOD DOOR LEAF FOR REINSTALLATION WITH NEW FRAME.
- 7. REMOVE PORTION OF WALL PARTITION INDICATED FOR NEW DOOR.
- 8. REMOVE CABINETS, COUNTERTOP AND BACKSPLASH.
- 9. REMOVE ALL EXISTING WINDOW STOOLS AND PREP AREA FOR NEW SOLID SURFACE STOOLS. GC TO FIELD VERIFY ALL DIMENSIONS.
- 10. REMOVE EXISTING COUNTERTOP, CABINETS AND CASEWORK.
- 11. REMOVE EXISTING CEILING TILE AND GRID FROM ENTIRE SPACE.
- 12. REMOVE EXISTING WINDOW.
- 13. EXISTING SHAFT, COLUMN/PIPE ENCLOSURE, ETR, TYP.
- 14. REMOVE EXISTING CEILING AS REQUIRED TO COMPLETE EXISTING WALL EXTENSION TO STRUCTURE. SEE SHEET A1.3.
- 15. REMOVE EXISTING CEILING AS REQUIRED TO COORDINATE NEW HVAC AND PLUMBING. COORDINATE WITH MEP AND FP DRAWINGS.
- 16. REMOVE EXISTING WINDOW COVERINGS.

**DEMOLITION GENERAL NOTES**

- A. MAINTAIN ALL EXIT DOORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE WAY FROM THE BUILDING. COORDINATE WITH THE LOCAL FIRE MARSHAL.
- B. PROVIDE AND MAINTAIN BARRICADES, GATES, OR OTHER MEANS OF MAINTAINING PUBLIC SAFETY AT ALL AREAS OF CONSTRUCTION OR DEMOLITION.
- C. COORDINATE STORAGE LOCATIONS FOR SALVAGED EQUIPMENT WITH OWNER.
- D. ITEMS SHOWN DASHED ON THIS PLAN SHALL BE COMPLETELY REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE NOTED. THIS SHALL INCLUDE ALL ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION. REFER TO MEP AND FP DRAWINGS. VERIFY CONDITIONS IN FIELD PRIOR TO BIDDING.
- E. PREPARATION FOR NEW FINISHES SHALL INCLUDE REMOVAL OF FINISHES, REMOVAL OF TAPES, GLUES (MASTIC), NAILS, ETC. PATCHING OF HOLES AND CRACKS, AND UP TO 1" OF LEVELER COMPOUND IF REQUIRED TO PROVIDE AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.
- F. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING, BRACING, ETC. REQUIRED FOR REMOVAL WORK. WORK TO BE CERTIFIED BY STRUCTURAL ENGINEER IF REQUIRED.
- G. SEE MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION SHEETS TO COORDINATE REMOVAL WORK.
- H. ALL EXISTING ROOM NUMBERS AND NAMES SHOWN ON THIS PLAN ARE FOR INFORMATIONAL AND COORDINATION PURPOSES.
- I. COORDINATE REMOVAL AND PATCHING SHOWN WITH MECHANICAL, PLUMBING AND ELECTRICAL REMOVAL AND PATCHING DRAWINGS.
- J. OWNER WILL REMOVE LOOSE FURNISHINGS FROM THE PROJECT AREA PRIOR TO START OF CONSTRUCTION.
- K. CONTRACTOR SHALL SALVAGE FIXED EQUIPMENT ITEMS AND SET THEM IN A DESIGNATED LOCATION FOR THE OWNER TO REMOVE TO STORAGE. ITEMS TO BE REINSTALLED WILL BE DELIVERED TO THE JOB SITE BY THE OWNER. SALVAGE ITEMS INCLUDE DOORS, WINDOWS, FRAMES, WALL MOUNTED PROJECTION SCREENS, COAT RACKS AND OTHER MISCELLANEOUS ITEMS AS DIRECTED BY THE OWNER. ALSO SEE REMOVAL AND REMODELING NOTES.
- L. CONTRACTOR SHALL INSTALL TEMPORARY FRAME SPREADERS ON DOOR FRAMES TO BE SALVAGED, STORED AND REINSTALLED.
- M. ALL DOORS TO BE REMOVED, STOCK PILED AND CATALOGED BY GC. ANALYZE DOORS FOR REUSE BY OWNER. STOCK PILED DOORS, NOT TO BE RE-USED, TO BE RELOCATED AS DIRECTED BY OWNER TO A DESIGNATED AREA FOR FUTURE REUSE ELSEWHERE, OFFSITE, AS DIRECTED BY OWNER.
- N. GC TO PROTECT & COVER ALL SURFACES DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO WINDOWS, CARPET, BASE, AND CABINETS, ETC.
- O. REFER TO G0.1 FOR TEMPORARY PARTITIONS DURING CONSTRUCTION.
- P. CORE DRILL EXISTING SLAB FOR POWER AND DATA RUN. PATCH AND REPLACE CEILING IN LEVEL BELOW AS REQUIRED. CONTRACTOR TO COORDINATE LOCATION WITH CONFERENCE TABLE LOCATION.



**FOURTH FLOOR KEY PLAN**

DATE OF ISSUE: 10/28/2019

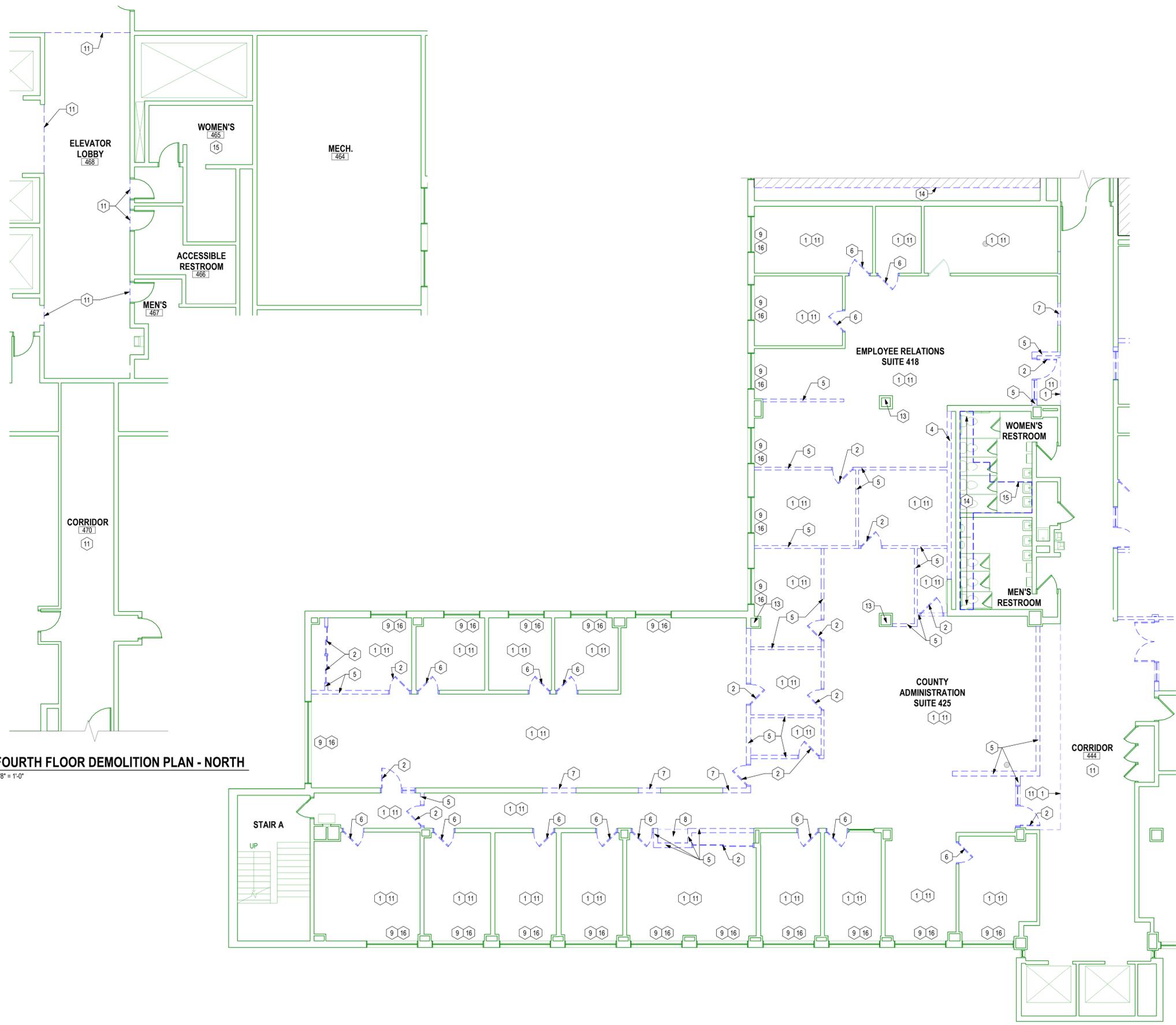
REVISIONS:	

PROJECT # 19007  
DCPW RFB # 319034

**FOURTH FLOOR**  
**DEMOLITION PLAN - SOUTH**

**D1.1**

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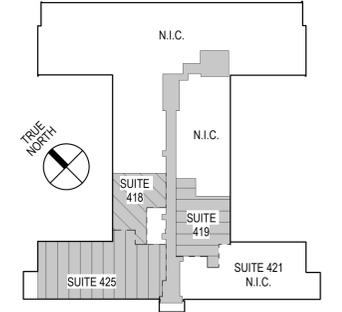


**2** FOURTH FLOOR DEMOLITION PLAN - NORTH  
1/8" = 1'-0"

**1** FOURTH FLOOR DEMOLITION PLAN - NORTH  
1/8" = 1'-0"

- ### DEMOLITION PLAN KEYNOTES
- INDICATES EXISTING WALL, DOOR, FIXTURE, ETC.
  - INDICATES ITEM TO BE REMOVED
  - AREA NOT IN SCOPE OF WORK
1. REMOVE ALL EXISTING FLOORING AND ADHESIVES IN AREA INDICATED AND PREP FLOOR FOR NEW MATERIAL. REFER TO SELECTIVE DEMOLITION SPEC FOR CARPET REMOVAL.
  2. REMOVE DOOR AND FRAME.
  3. REMOVE EXISTING FIRE EXTINGUISHER CABINET AND SALVAGE FOR RELOCATION.
  4. REMOVE AND REPLACE WALL AS NEEDED FOR PLUMBING AND PIPING COORDINATION.
  5. REMOVE WALL PARTITION.
  6. REMOVE EXISTING DOOR FRAME, SALVAGE WOOD DOOR LEAF FOR REINSTALLATION WITH NEW FRAME.
  7. REMOVE PORTION OF WALL PARTITION INDICATED FOR NEW DOOR.
  8. REMOVE CABINETRY, COUNTERTOP AND BACKSPASH.
  9. REMOVE ALL EXISTING WINDOW STOOLS AND PREP AREA FOR NEW SOLID SURFACE STOOLS. GO TO FIELD VERIFY ALL DIMENSIONS.
  10. REMOVE EXISTING COUNTERTOP, CABINETRY AND CASEWORK.
  11. REMOVE EXISTING CEILING TILE AND GRID FROM ENTIRE SPACE.
  12. REMOVE EXISTING WINDOW.
  13. EXISTING SHAFT, COLUMN/PIPE ENCLOSURE, ETR, TYP.
  14. REMOVE EXISTING CEILING AS REQUIRED TO COMPLETE EXISTING WALL EXTENSION TO STRUCTURE. SEE SHEET A1.3.
  15. REMOVE EXISTING CEILING AS REQUIRED TO COORDINATE NEW HVAC AND PLUMBING. COORDINATE WITH MEP AND FP DRAWINGS.
  16. REMOVE EXISTING WINDOW COVERINGS.

- ### DEMOLITION GENERAL NOTES
- A. MAINTAIN ALL EXIT DOORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE WAY FROM THE BUILDING. COORDINATE WITH THE LOCAL FIRE MARSHAL.
  - B. PROVIDE AND MAINTAIN BARRICADES, GATES, OR OTHER MEANS OF MAINTAINING PUBLIC SAFETY AT ALL AREAS OF CONSTRUCTION OR DEMOLITION.
  - C. COORDINATE STORAGE LOCATIONS FOR SALVAGED EQUIPMENT WITH OWNER.
  - D. ITEMS SHOWN DASHED ON THIS PLAN SHALL BE COMPLETELY REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE NOTED. THIS SHALL INCLUDE ALL ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION. REFER TO MEP AND FP DRAWINGS. VERIFY CONDITIONS IN FIELD PRIOR TO BIDDING.
  - E. PREPARATION FOR NEW FINISHES SHALL INCLUDE REMOVAL OF FINISHES, REMOVAL OF TAPES, GLUES (MASTIC), NAILS, ETC. PATCHING OF HOLES AND CRACKS, AND UP TO 1" OF LEVELER COMPOUND IF REQUIRED TO PROVIDE AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.
  - F. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING, BRACING, ETC. REQUIRED FOR REMOVAL WORK. WORK TO BE CERTIFIED BY STRUCTURAL ENGINEER IF REQUIRED.
  - G. SEE MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION SHEETS TO COORDINATE REMOVAL WORK.
  - H. ALL EXISTING ROOM NUMBERS AND NAMES SHOWN ON THIS PLAN ARE FOR INFORMATIONAL AND COORDINATION PURPOSES.
  - I. COORDINATE REMOVAL AND PATCHING SHOWN WITH MECHANICAL, PLUMBING AND ELECTRICAL REMOVAL AND PATCHING DRAWINGS.
  - J. OWNER WILL REMOVE LOOSE FURNISHINGS FROM THE PROJECT AREA PRIOR TO START OF CONSTRUCTION.
  - K. CONTRACTOR SHALL SALVAGE FIXED EQUIPMENT ITEMS AND SET THEM IN A DESIGNATED LOCATION FOR THE OWNER TO REMOVE TO STORAGE. ITEMS TO BE REINSTALLED WILL BE DELIVERED TO THE JOB SITE BY THE OWNER. SALVAGE ITEMS INCLUDE DOORS, WINDOWS, FRAMES, WALL MOUNTED PROJECTION SCREENS, COAT RACKS AND OTHER MISCELLANEOUS ITEMS AS DIRECTED BY THE OWNER. ALSO SEE REMOVAL AND REMODELING NOTES.
  - L. CONTRACTOR SHALL INSTALL TEMPORARY FRAME SPREADERS ON DOOR FRAMES TO BE SALVAGED, STORED AND REINSTALLED.
  - M. ALL DOORS TO BE REMOVED, STOCK PILED AND CATALOGED BY GC. ANALYZE DOORS FOR REUSE W/ OWNER. STOCK PILED DOORS, NOT TO BE RE-USED, TO BE RELOCATED AS DIRECTED BY OWNER TO A DESIGNATED AREA FOR FUTURE REUSE ELSEWHERE, OFFSITE, AS DIRECTED BY OWNER.
  - N. GC TO PROTECT & COVER ALL SURFACES DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO WINDOWS, CARPET, BASE, AND CABINETRY, ETC.
  - O. REFER TO G0.1 FOR TEMPORARY PARTITIONS DURING CONSTRUCTION.
  - P. CORE DRILL EXISTING SLAB FOR POWER AND DATA RUN, PATCH AND REPLACE CEILING IN LEVEL BELOW AS REQUIRED. CONTRACTOR TO COORDINATE LOCATION WITH CONFERENCE TABLE LOCATION.



**FOURTH FLOOR KEY PLAN**  
 DATE OF ISSUE: 10/28/2019

REVISIONS:

NO.	DESCRIPTION

PROJECT # 19007  
 DCPW RFB # 319034

**FOURTH FLOOR**  
**DEMOLITION PLAN -**  
**NORTH**

**D1.2**

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1 **FOURTH FLOOR PLAN - SOUTH**  
1/8" = 1'-0" 0' 2' 4' 8' N

**FLOOR PLAN LEGEND**

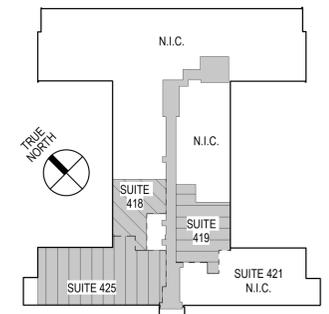
AREA NOT IN SCOPE OF WORK

**FLOOR PLAN KEYNOTES**

1. ALIGN NEW WALL TO BE FLUSH WITH EXISTING ADJACENT WALL, PROVIDE SMOOTH TRANSITION
2. NOT USED
3. PROVIDE ANALOG & NETWORK JACKS IN LOCATION INDICATED
4. EXISTING ELECTRICAL PANEL
5. PROVIDE BLOCKING, ELECTRICAL AND DATA FOR WALL MOUNTED TV, CONFIRM MOUNTING HEIGHT W/ OWNER.
6. EXISTING MAIL SLOT FURNITURE, N.I.C.
7. REPLACE WALL AS NEEDED FOR PLUMBING VENT AND WASTE - SEE PLUMBING
8. PATCH COLUMN COVER TO MATCH EXISTING
9. HOLLOW METAL BALLISTIC DOOR UL 752 LEVEL 3
10. TRANSACTION WINDOW UL 752 LEVEL 3
11. CORE DRILL EXISTING SLAB FOR POWER AND DATA RUN, PATCH AND REPLACE CEILING IN LEVEL BELOW AS REQUIRED. CONTRACTOR TO COORDINATE LOCATION WITH CONFERENCE TABLE LOCATION
12. PROVIDE NEW 1" THICK SOLID SURFACE WINDOW STOOL, CAULK ALL AROUND. GC TO FIELD VERIFY ALL DIMENSIONS. SEE DETAILS 2/3 - A8.1
13. PROVIDE NEW WINDOW COVERINGS. SEE SPEC.
14. PATCH EXISTING CEILING AS REQUIRED TO COMPLETE EXISTING WALL EXTENSION TO STRUCTURE. SEE SHEET A1.3.

**FLOOR PLAN GENERAL NOTES**

- A. VERIFY SIZE AND LOCATIONS OF ALL MECHANICAL OPENINGS. GENERAL CONTRACTOR TO PAINT AND SEAL LOUVER PERIMETER, TYPICAL.
- B. GENERAL CONTRACTOR TO PROVIDE BLOCKING BETWEEN METAL STUDS AS REQUIRED FOR MOUNTING CASEWORK, ARTWORK, TV'S ETC.
- C. PROVIDE VINYL CARPET EDGE AT TRANSITIONS FROM CARPET TO DISSIMILAR FLOOR MATERIALS, UNLESS NOTED OTHERWISE.
- D. VERIFY ALL ACTUAL CHASE DIMENSIONS WITH HVAC CONTRACTOR.
- E. ADA CLEARANCE CIRCLES AND BOXES SHOWN ON PLAN ARE FOR INFORMATION PURPOSES ONLY.
- F. DIMENSIONS ARE FROM FACE OF STUD IN NEW WALLS OR FACE OF FINISH ON EXISTING WALLS UNLESS NOTED OTHERWISE.
- G. ALL SIGNAGE N.I.C. BY OWNER.
- H. GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. CONTACT ARCHITECT WITH ANY DISCREPANCIES.
- I. MATCH EXISTING WALL THICKNESS AT WALL INFILLS
- J. PROVIDE DOUBLE METAL STUDS AT HEADERS AND JAMBS. PATCH TO MATCH ADJACENT SIDE WALLS AND ABOVE HEADER AS REQUIRED AT ALL NEW DOOR FRAMES, TYP.



**FOURTH FLOOR KEY PLAN**

DATE OF ISSUE: 10/28/2019

REVISIONS:	

PROJECT # 19007  
DCPW RFB # 319034

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**1** FOURTH FLOOR PLAN - NORTH  
1/8" = 1'-0"

**FLOOR PLAN LEGEND**

AREA NOT IN SCOPE OF WORK

**FLOOR PLAN KEYNOTES**

1. ALIGN NEW WALL TO BE FLUSH WITH EXISTING ADJACENT WALL, PROVIDE SMOOTH TRANSITION
2. NOT USED
3. PROVIDE ANALOG & NETWORK JACKS IN LOCATION INDICATED
4. EXISTING ELECTRICAL PANEL
5. PROVIDE BLOCKING, ELECTRICAL AND DATA FOR WALL MOUNTED TV, CONFIRM MOUNTING HEIGHT W/ OWNER.
6. EXISTING MAIL SLOT FURNITURE, N.I.C.
7. REPLACE WALL AS NEEDED FOR PLUMBING VENT AND WASTE - SEE PLUMBING
8. PATCH COLUMN COVER TO MATCH EXISTING
9. HOLLOW METAL BALLISTIC DOOR UL 752 LEVEL 3
10. TRANSACTION WINDOW UL 752 LEVEL 3
11. CORE DRILL EXISTING SLAB FOR POWER AND DATA RUN, PATCH AND REPLACE CEILING IN LEVEL BELOW AS REQUIRED. CONTRACTOR TO COORDINATE LOCATION WITH CONFERENCE TABLE LOCATION
12. PROVIDE NEW 1" THICK SOLID SURFACE WINDOW STOOL, CAULK ALL AROUND. GC TO FIELD VERIFY ALL DIMENSIONS. SEE DETAILS 2/3 - A8.1
13. PROVIDE NEW WINDOW COVERINGS. SEE SPEC.
14. PATCH EXISTING CEILING AS REQUIRED TO COMPLETE EXISTING WALL EXTENSION TO STRUCTURE. SEE SHEET A1.3.

**FLOOR PLAN GENERAL NOTES**

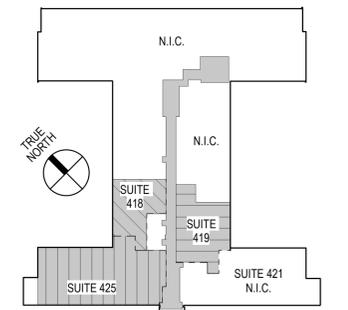
- A. VERIFY SIZE AND LOCATIONS OF ALL MECHANICAL OPENINGS. GENERAL CONTRACTOR TO PAINT AND SEAL LOUVER PERIMETER, TYPICAL.
- B. GENERAL CONTRACTOR TO PROVIDE BLOCKING BETWEEN METAL STUDS AS REQUIRED FOR MOUNTING CASEWORK, ARTWORK, TV'S ETC.
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PUBLIC WORKS, HIGHWAY  
& TRANSPORTATION

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Madison, Wisconsin 53713

**CITY-COUNTY**  
BUILDING 4TH  
FLOOR REMODEL,  
SUITES 418, 419 &  
425

210 MARTIN LUTHER KING JR BLVD,  
MADISON, WI 53703



FOURTH FLOOR KEY PLAN

DATE OF ISSUE: 10/28/2019

REVISIONS:

NO.	DESCRIPTION

PROJECT # 19007  
DCPW RFB # 319034

**FOURTH FLOOR**  
NEW WORK PLAN -  
NORTH

**EXISTING WALLS TO DECK LEGEND**

1 HOUR SMOKE WALL UNLESS NOTED OTHERWISE - INDICATES EXISTING WALLS TO BE EXTENDED TO UNDERSIDE OF DECK ABOVE. SEAL ALL OPENINGS - REFERENCE DETAIL 1/A6.0. SMOKE WALL U.N.O. SEAL ALL OPENINGS WITH FIRECAULK.

NOTE: ALL NEW WALLS TO BE BUILT TO DECK ABOVE

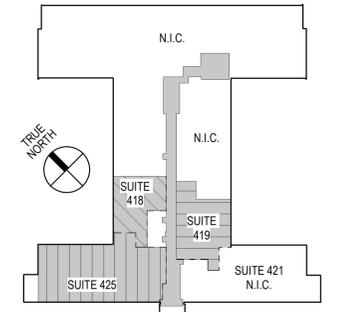
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**FOURTH FLOOR KEY PLAN**

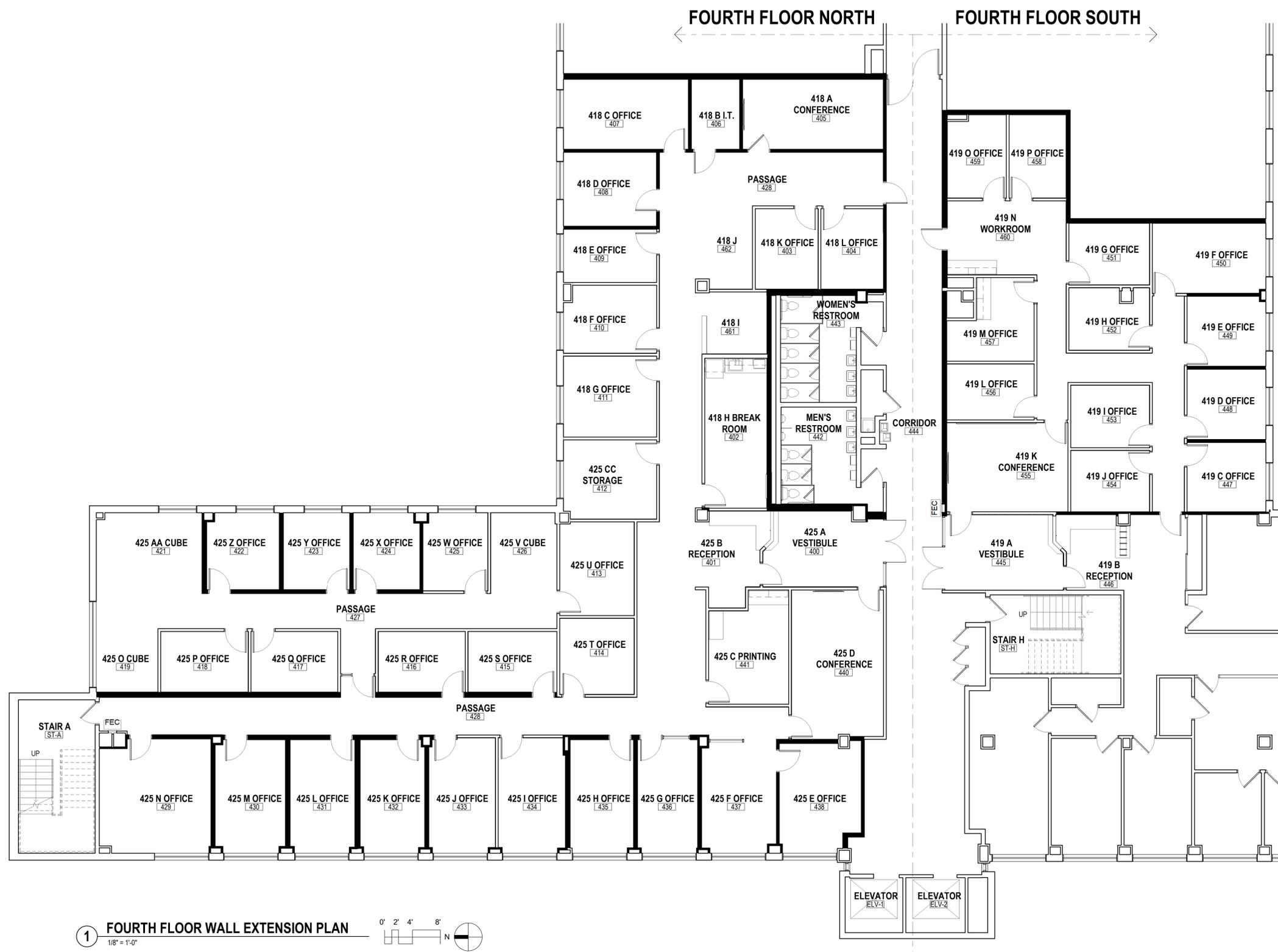
DATE OF ISSUE: 10/28/2019

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT # 19007  
DCPW RFB # 319034

**FOURTH FLOOR  
WALL EXTENSION  
PLAN**



**1 FOURTH FLOOR WALL EXTENSION PLAN**  
1/8" = 1'-0"

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

REFLECTED CEILING LEGEND	
Type Name 1'-0" A.F.F.	CEILING HEIGHT A.F.F.
	2x4 CEILING GRID
	2x2 CEILING GRID
	GYPSUM BOARD CEILING / SOFFIT
	EXPOSED TO STRUCTURE
	AREA NOT IN SCOPE
	HVAC: SUPPLY, EXHAUST, RETURN
	CEILING MOUNTED RECESSED LIGHT FIXTURE

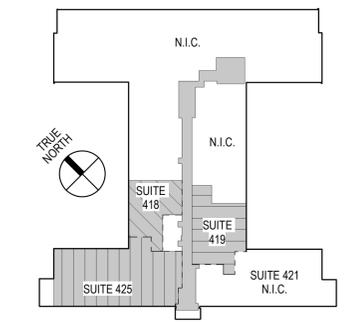
RCP GENERAL NOTES	
A.	ALL CEILING ELEVATIONS ARE 8'-0" A.F.F. UNLESS NOTED OTHERWISE.
B.	SEE SHEET A6.0 FOR TOP OF WALL CONDITIONS.
C.	PROVIDE CEILING GRID MAIN SUPPORT TEES AT LIGHT FIXTURES, DIFFUSERS, ETC. AS REQUIRED TO SUPPORT DEVICE.
D.	REFER TO ELECTRICAL DRAWINGS FOR FIXTURE INFORMATION.
E.	REFER TO HVAC DRAWINGS FOR FIXTURE/EQUIPMENT LOCATIONS.
F.	CENTER LIGHT FIXTURES, FIRE SPRINKLER HEADS, DIFFUSERS AND OTHER FIXTURES WITHIN CEILING TILE PANELS WHERE POSSIBLE. UNLESS NOTED OTHERWISE.
G.	SEE SHEETS A9.1-A9.2 FOR ACT TYPES AND ADDITIONAL FINISH INFORMATION.
H.	REMOVE AND REINSTALL CEILING MOUNTED SIGNAGE, ETC.
I.	GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. CONTACT ARCHITECT WITH ANY DISCREPANCIES.

REFLECTED CEILING PLAN KEYNOTES	
1	REMOVE CEILING TILE AND GRID AS REQUIRED AND PATCH TO MATCH ADJACENT TO COORDINATE PLUMBING. SEE PLUMBING DRAWINGS FOR EXACT LOCATIONS.
2	REMOVE EXISTING CEILING AS REQUIRED AND PATCH TO MATCH EXISTING TO COORDINATE PLUMBING, FIRE PROTECTION, AND HVAC. SEE P / FP / M DRAWINGS FOR EXACT LOCATIONS.
3	NEW ACT CEILING TILE AND GRID, HEIGHT TO MATCH EXISTING.
4	PATCH CEILING TO MATCH EXISTING AFTER WALL EXTENSION WORK IS COMPLETE
5	PROVIDE DRYWALL BULKHEAD 1" LOWER THAN LOWEST, EXISTING, ADJACENT CEILING HEIGHT.
6	NEW GYPSUM BOARD SOFFIT
7	REMOVE CEILING AND REINSTALL FOR HVAC

**DIMENSION**   
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**FOURTH FLOOR KEY PLAN**  
DATE OF ISSUE: 10/28/2019

REVISIONS:	

PROJECT # 19007  
DCPW RFB # 319034

**FOURTH FLOOR**  
**REFLECTED  
CEILING PLAN -  
SOUTH**

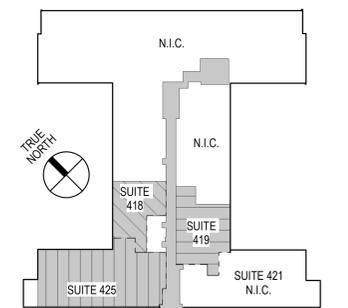
**A4.1**

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FOURTH FLOOR KEY PLAN

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**FOURTH FLOOR**

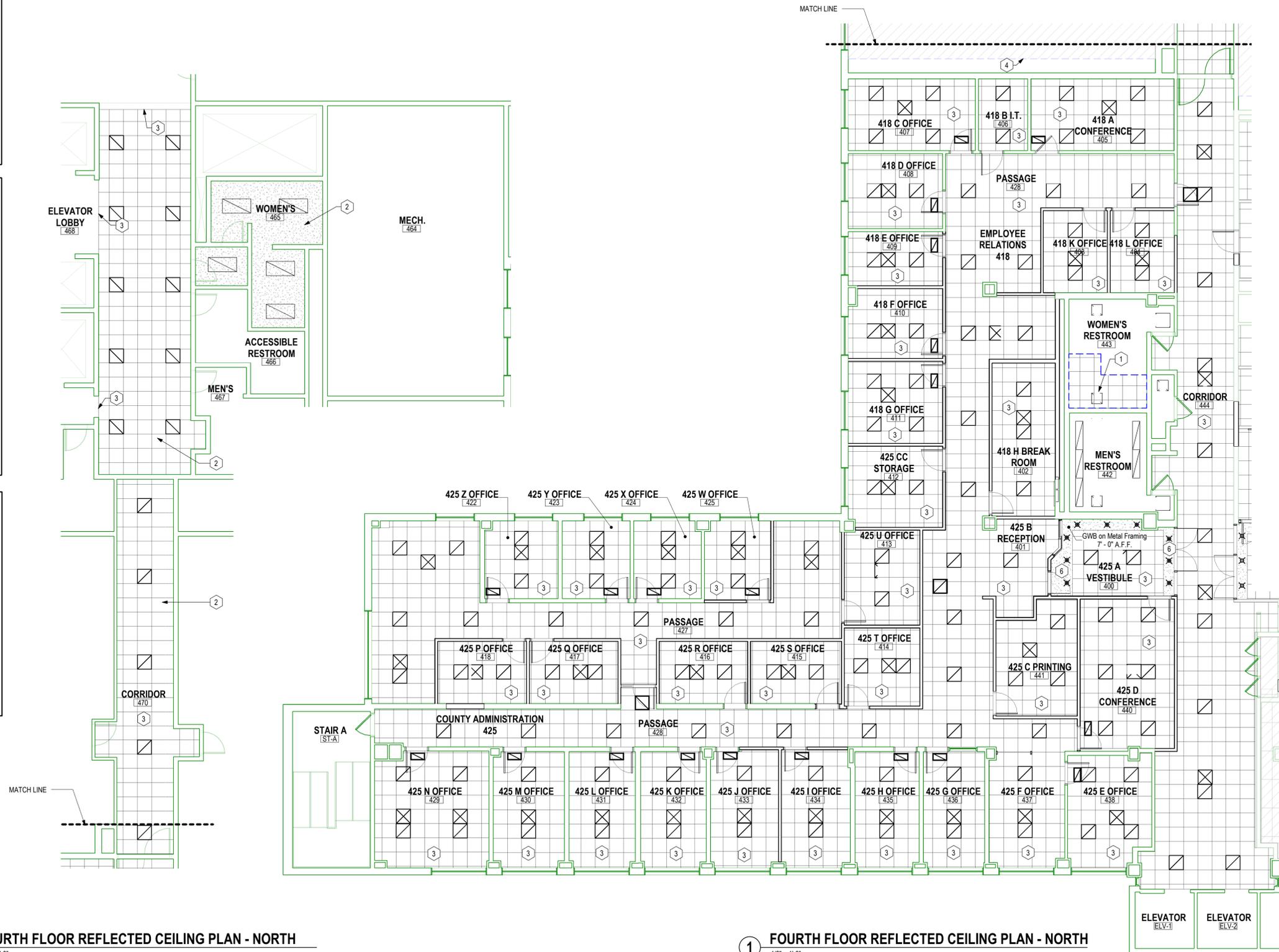
**REFLECTED  
CEILING PLAN -  
NORTH**

**A4.2**

REFLECTED CEILING LEGEND	
Type Name 1'-0" A.F.F.	CEILING HEIGHT A.F.F.
	2x4 CEILING GRID
	2x2 CEILING GRID
	GYPSUM BOARD CEILING / SOFFIT
	EXPOSED TO STRUCTURE
	AREA NOT IN SCOPE
	HVAC: SUPPLY, EXHAUST, RETURN
	CEILING MOUNTED RECESSED LIGHT FIXTURE

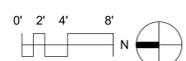
- | RCP GENERAL NOTES |  |
|-------------------|--|
| A.                | ALL CEILING ELEVATIONS ARE 8'-0" A.F.F. UNLESS NOTED OTHERWISE   |
| B.                | SEE SHEET A6.0 FOR TOP OF WALL CONDITIONS.   |
| C.                | PROVIDE CEILING GRID MAIN SUPPORT TEES AT LIGHT FIXTURES, DIFFUSERS, ETC. AS REQUIRED TO SUPPORT DEVICE.                                     |
| D.                | REFER TO ELECTRICAL DRAWINGS FOR FIXTURE INFORMATION.  |
| E.                | REFER TO HVAC DRAWINGS FOR FIXTURE/EQUIPMENT LOCATIONS.  |
| F.                | CENTER LIGHT FIXTURES, FIRE SPRINKLER HEADS, DIFFUSERS AND OTHER FIXTURES WITHIN CEILING TILE PANELS WHERE POSSIBLE, UNLESS NOTED OTHERWISE. |
| G.                | SEE SHEETS A8.1-A8.2 FOR ACT TYPES AND ADDITIONAL FINISH INFORMATION.  |
| H.                | REMOVE AND REINSTALL CEILING MOUNTED SIGNAGE, ETC.   |
| I.                | GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. CONTACT ARCHITECT WITH ANY DISCREPANCIES.   |

- | REFLECTED CEILING PLAN KEYNOTES |   |
|---------------------------------|---|
| 1                               | REMOVE CEILING TILE AND GRID AS REQUIRED AND PATCH TO MATCH ADJACENT TO COORDINATE PLUMBING. SEE PLUMBING DRAWINGS FOR EXACT LOCATIONS.                         |
| 2                               | REMOVE EXISTING CEILING AS REQUIRED AND PATCH TO MATCH EXISTING TO COORDINATE PLUMBING, FIRE PROTECTION, AND HVAC. SEE P / FP / M DRAWINGS FOR EXACT LOCATIONS. |
| 3                               | NEW ACT CEILING TILE AND GRID, HEIGHT TO MATCH EXISTING.  |
| 4                               | PATCH CEILING TO MATCH EXISTING AFTER WALL EXTENSION WORK IS COMPLETE   |
| 5                               | PROVIDE DRYWALL BULKHEAD 1" LOWER THAN LOWEST, EXISTING, ADJACENT CEILING HEIGHT.   |
| 6                               | NEW GYPSUM BOARD SOFFIT   |
| 7                               | REMOVE CEILING AND REINSTALL FOR HVAC   |



② FOURTH FLOOR REFLECTED CEILING PLAN - NORTH  
1/8" = 1'-0"

① FOURTH FLOOR REFLECTED CEILING PLAN - NORTH  
1/8" = 1'-0"



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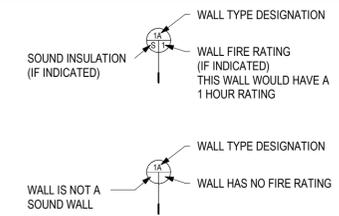
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**WALL DETAIL NOTES**



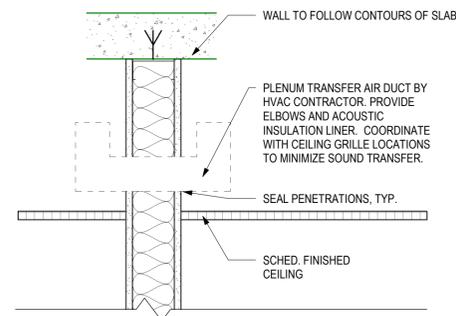
1. TO ACHIEVE STC RATING, ADD FIBERGLASS BATT INSULATION TO THE ENTIRE WIDTH OF STUD CAVITY, TYP.

**WALL TYPE GENERAL NOTES**

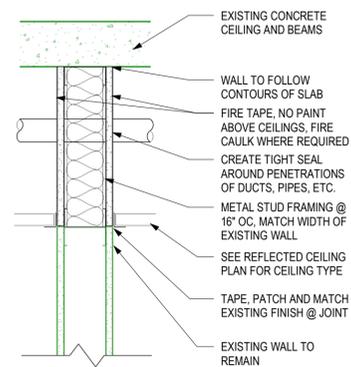
- CONTINUE ALL PARTITION FRAMING AND GYPSUM BOARD TO UNDERSIDE OF FLOOR DECK ABOVE, UNLESS INDICATED OTHERWISE.
- SOUND WALLS (INDICATED BY "STC" - SOUND TRANSFER COEFFICIENT); CAULK ALL UNFINISHED JOINTS BETWEEN GYPSUM BOARD PANELS AND BETWEEN GYPSUM BOARD PANELS AND FLOOR AND SIDE WALL MATERIALS WITH ONE BEAD OF SEALANT PER LAYER OF GYPSUM BOARD. ACOUSTICALLY SEAL ALL PENETRATIONS INCLUDING ELECTRICAL, MECHANICAL AND PIPING. LIMIT NECESSARY WALL PENETRATIONS TO ONE PER STUD CAVITY. AT RESILIENT CHANNELS, USE RECOMMENDED SCREW LENGTH IN ORDER TO MEET PRESCRIBED SOUND RATING.
- PENETRATIONS IN SOUND WALLS AND SMOKE AND FIRE RATED WALLS AND CONNECTIONS AT WALLS TO OTHER WORK SHALL MAINTAIN STC AND/OR FIRE RATING, SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDED DETAILS, AND SHALL COMPLY WITH APPLICABLE TESTING AGENCY REQUIREMENTS.
- WHERE WALLS AND/OR FURRING MEET, MAINTAIN A FLUSH SURFACE ON THE SIDE WHERE WALL SURFACE IS STRAIGHT OR CONTINUOUS, UNLESS INDICATED OTHERWISE.
- FIRE RATINGS SHOWN ARE THE RATINGS AVAILABLE PER NOTED TESTING AGENCY AND/OR IBC REQUIREMENTS. REFER TO FLOOR PLANS AND WALL TYPE SUBSCRIPTS FOR LOCATIONS OF FIRE RATED WALLS.
- REFER TO FINISH LIST AND FLOOR FINISH PLANS FOR ADDITIONAL WALL FINISHES.
- PROVIDE WOOD BLOCKING IN PARTITION TYPES AS REQUIRED BY SPECIFICATIONS AND ACCESSORIES INDICATED ON DRAWINGS.

**FRAME ASSEMBLIES GENERAL NOTES**

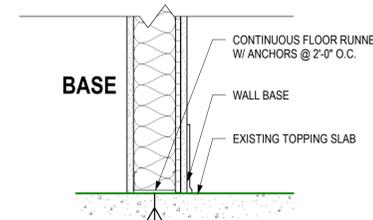
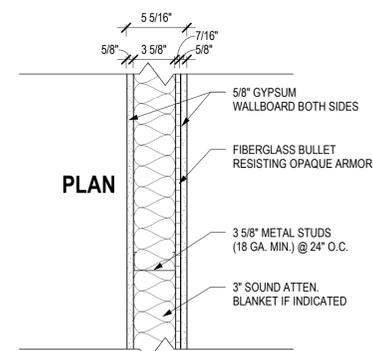
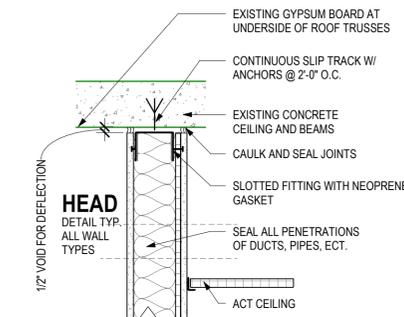
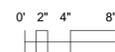
- PROVIDE SPECIFIED METAL STUD GAUGE UNLESS OTHERWISE NOTED.
- PROVIDE FIRE RATED GYPSUM BOARD AT FIRE RATED PARTITIONS AS REQUIRED BY TESTED ASSEMBLY.
- INSTALLATION OF GYPSUM BOARD, BACKER BOARD AND BASE BOARD SHALL CONFORM TO REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.
- STUD FRAMING TO BE 1'-4" O.C. UNLESS NOTED OTHERWISE.
- PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT WALLS AND CEILINGS OF TOILET & BATH ROOMS.
- THERMAL RESISTANCE (R-VALUE) IDENTIFICATION MARK SHALL BE APPLIED BY MFG TO EACH PIECE OF BUILDING ENVELOPE INSULATION 12" OR GREATER IN WIDTH. PER IECC 303.1.1
- INSULATION INSTALLER SHALL PROVIDE A SIGNED AND DATED CERTIFICATION OF INSULATION INSTALLED IN EACH ELEMENT OF THE BUILDING ENVELOPE, LISTING TYPE OF INSULATION INSTALLATIONS IN ROOF/CEILINGS, THE MANUFACTURER AND THE R VALUE. PER IECC 303.1.1



**3 RETURN AIR PLENUM**  
1 1/2" = 1'-0"

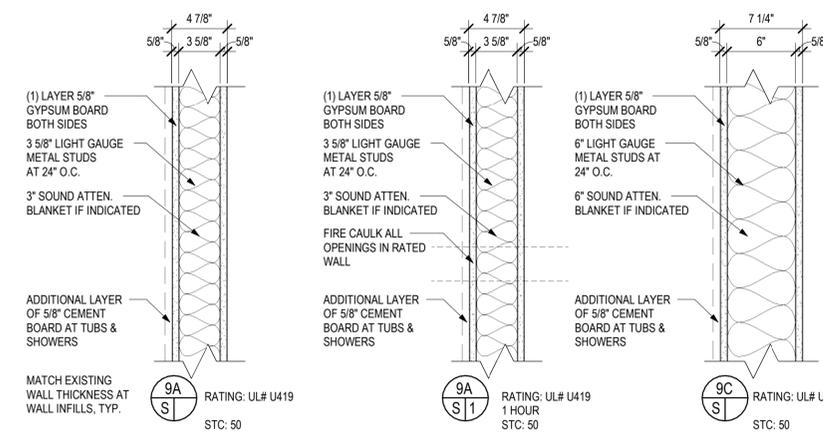


**2 EXISTING WALL EXTENSION**  
1 1/2" = 1'-0"



9X SLAB TO SLAB WITH BULLET RESISTANT ARMOR STC: -

NON-BEARING FULL HEIGHT SEPARATION PARTITION: 18GA (MIN) METAL STUDS, CORROSION-PROTECTED W/ TOP AND BOTTOM RUNNERS, STUDS SPACED @ 24" O.C.; FIBERGLASS BULLET RESISTANT OPAQUE ARMOR, 7/16" THICK; 5/8" GYP. BOARD ON BOTH SIDES; DECK TO DECK CONSTRUCTION.



**TYPE 9 WALL TYPES - LIGHT GAUGE STEEL**

**1 WALL TYPE DETAILS - 4TH FLOOR**  
1 1/2" = 1'-0"

DOOR SCHEDULE - 4TH FLOOR

DOOR NO.	ROOM NAME	TYPE	DOOR					FRAME					GLAZE	FIRE RATING	HARDWARE	COMMENTS
			W	H	T	ELEV	MATERIAL	ELEV	MATERIAL	HEAD	JAMB	SILL				
FOURTH FLOOR																
400a	425 A VESTIBULE	Double	6' - 0"	6' - 8"	1 3/4"	ST	ALUM	D	ALUM	8/A8.1	7/A8.1	4B	GLT-4			PREP DOOR FOR ELECTRIC STRIKE HARDWARE
400b	CORRIDOR	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	A	TMLY	5/A8.1	5/A8.1	4B		05	PREP DOOR FOR ELECTRIC STRIKE HARDWARE	
401	425 A VESTIBULE	Single	3' - 0"	6' - 8"	1 3/4"	ST	BR, GL	A	BR	5/A8.1	5/A8.1	4A	GLT-7		PREP DOOR FOR ELECTRIC STRIKE HARDWARE	
402	418 H BREAK ROOM	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	A	TMLY	4/A8.1	4/A8.1	4A		13		
403	418 K OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
404	418 L OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
405	418 A CONFERENCE	Single	3' - 0"	6' - 8"	1 3/4"	F	ETR	ETR	ETR	ETR	ETR	ETR		13	PAINT EXISTING DOOR FRAME TO MATCH NEW DOOR FRAMES.	
406	418 B I.T.	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
407	PASSAGE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
408	PASSAGE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
409	418 E OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
410	418 F OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
411	418 G OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
413	425 U OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		11		
414	425 T OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
415	425 S OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
416	425 R OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
417	425 Q OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
418	425 P OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
422	PASSAGE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
423	425 Y OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
424	PASSAGE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
425	425 W OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
427	PASSAGE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	B	TMLY	4/A8.1	4/A8.1	4A		09		
429	425 N OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		11		
430	425 M OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		11		
431	425 L OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
432	425 K OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		11		
433	425 J OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		11		
434	425 I OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
435	425 H OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
436	425 G OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
438	425 E OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
440a	425 D CONFERENCE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	A	TMLY	4/A8.1	4/A8.1	4A		01	PREP DOOR FOR ELECTRIC STRIKE HARDWARE	
440b	425 D CONFERENCE	Single	3' - 0"	6' - 8"	1 3/4"	F	BR, WD	A	BR	5/A8.1	5/A8.1	4A		02	PREP DOOR FOR ELECTRIC STRIKE HARDWARE	
441a	425 C PRINTING	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	A	TMLY	4/A8.1	4/A8.1	4A		13		
445	419 A VESTIBULE	Double	6' - 0"	6' - 8"	1 3/4"	ST	ALUM	D	ALUM	8/A8.1	7/A8.1	4B	GLT-4		04A	PREP DOOR FOR ELECTRIC STRIKE HARDWARE
446a	419 B RECEPTION	Single	3' - 0"	6' - 8"	1 3/4"	ST	BR, GL	A	BR	5/A8.1	5/A8.1	4A	GLT-7		06A	PREP DOOR FOR ELECTRIC STRIKE HARDWARE
446b	PASSAGE	Single	3' - 0"	6' - 8"	1 3/4"	RL	WD	A	TMLY	4/A8.1	4/A8.1	4A	GLT-4		09	
447	PASSAGE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
448	419 D OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
449	419 E OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
450	419 F OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
451	419 G OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
452	419 H OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
453	419 I OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
454	419 J OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
455a	419 K CONFERENCE	Single	3' - 0"	6' - 8"	1 3/4"	F	BR, WD	A	BR	5/A8.1	5/A8.1	4A		07	PREP DOOR FOR ELECTRIC STRIKE HARDWARE	
455b	419 K CONFERENCE	Single	3' - 0"	6' - 8"	1 3/4"	RL	WD	A	TMLY	4/A8.1	4/A8.1	4A	GLT-4		01	PREP DOOR FOR ELECTRIC STRIKE HARDWARE
456	419 L OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
457	419 M OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		12		
458	419 P OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
459	419 O OFFICE	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	C	TMLY	4/A8.1	4/A8.1	4A		10		
460	419 N WORKROOM	Single	3' - 0"	6' - 8"	1 3/4"	F	WD	A	TMLY	4/A8.1	4/A8.1	4A		05	PREP DOOR FOR ELECTRIC STRIKE HARDWARE	

DOOR SCHEDULE GENERAL NOTES

- A. HOLLOW METAL FRAME HEADS TO BE 2", U.N.O.
- B. ALL FIRE DOORS ARE TO BE RATED ASSEMBLIES (DOOR AND FRAME TOGETHER), PROVIDE ALL REQUIRED HARDWARE, SMOKE SEALS, AND ACCESSORIES
- C. COORDINATE CARD READER DOOR LOCATIONS AND ACCEPTABLE PRODUCTS WITH OWNER
- D. MEANS OF EGRESS DOORS: LATCHES DO NOT REQUIRE MORE THAN 15 LB TO RELEASE THE LATCH. LOCKS DO NOT REQUIRE USE OF A KEY, TOOL OR SPECIAL KNOWLEDGE FOR OPERATION.
- E. ALL DOOR LEAVES IN GOOD CONDITION ARE TO BE SALVAGED AND REUSED. ALL NEW WOOD DOORS SHOULD MATCH EXISTING.
- F. CONTRACTOR TO FIELD VERIFY AND DOCUMENT EXISTING DOOR LEAVES & BUTT HINGES TO COORDINATE WITH NEW DOOR FRAME.
- G. ALL SIGNAGE N.I.C. BY OWNER.
- H. ALL DOORS TO BE STOCK PILED AND CATALOGED BY GC FOR REUSE. IF NOT APPLICABLE FOR REUSE, DOORS SHALL BE REPLACED AND DELIVERED TO A PLACE DESIGNATED BY OWNER FOR FUTURE REUSE ELSEWHERE AS DIRECTED BY OWNER.

DOOR SCHEDULE LEGEND

- WD = WOOD
- FG = FULL GLASS
- HM = HOLLOW METAL
- SC = SOLID CORE
- ALUM = ALUMINUM
- INS = INSULATED
- HC = HOLLOW CORE
- TMLY = "TIMELY" PREFINISHED METAL FRAMES
- WD-L = WOOD LEGACY (PRE-HUNG, PREFINISHED HARD BOARD, HOLLOWCORE)
- BR = BULLET RESISTIVE DOORS - LEVEL 3

GLAZING LEGEND

- GLT GLASS TYPE, SEE SPECIFICATIONS
- GLT-1 FLOAT GLASS
- GLT-4 TEMPERED GLASS
- GLT-7 BULLET RESISTIVE GLASS - LEVEL 3

HARDWARE SCHEDULE COMMENTS

- SECURE DOORS. PROVIDE ELECTRONIC DOOR HARDWARE TO COORDINATE WITH BUILDING ENTRY/ SECURITY SYSTEM.
- CONFIRM HARDWARE WITH OWNER AND TENANT REQUIREMENTS
- COORDINATE HOLD OPEN WITH FIRE ALARM SYSTEM.

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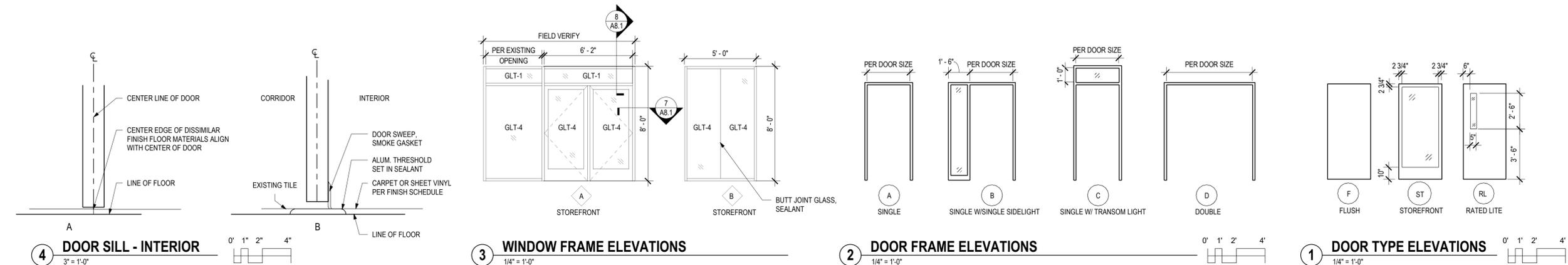
**CITY-COUNTY**  
BUILDING 4TH  
FLOOR REMODEL,  
SUITES 418, 419 &  
425  
210 MARTIN LUTHER KING JR BLVD,  
MADISON, WI 53703

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PROJECT # 19007  
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**FOURTH FLOOR**  
DOOR SCHEDULES,  
DOOR TYPES,  
DOOR & FRAME  
ELEVATIONS  
**A6.1**



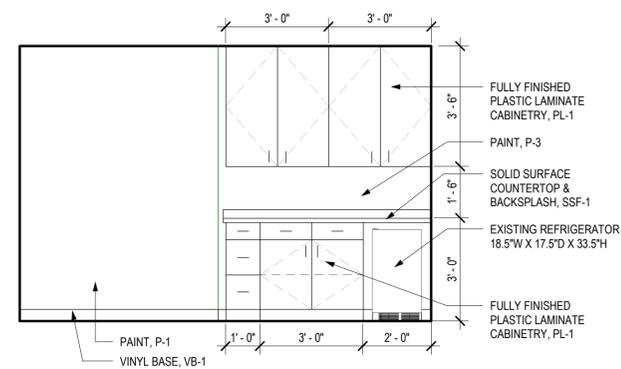
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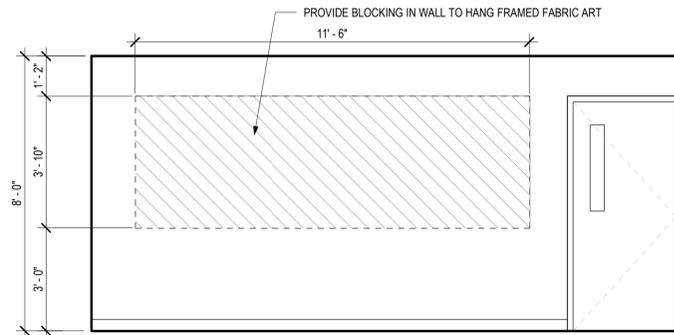
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**CITY-COUNTY  
BUILDING 4TH  
FLOOR REMODEL,  
SUITES 418, 419 &  
425**

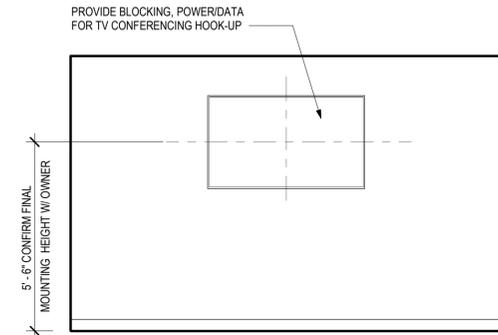
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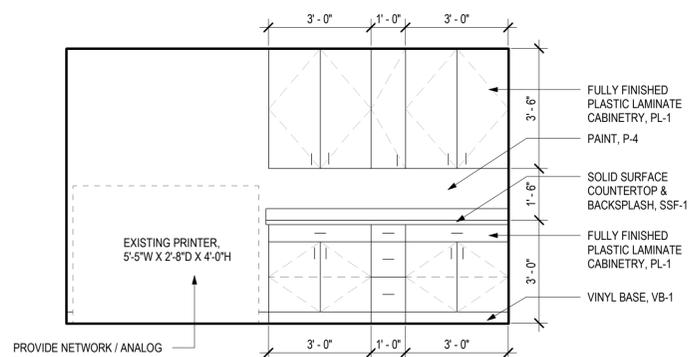
**8 SUITE 419 OFFICE CASEWORK NORTH ELEVATION**  
3/8" = 1'-0"



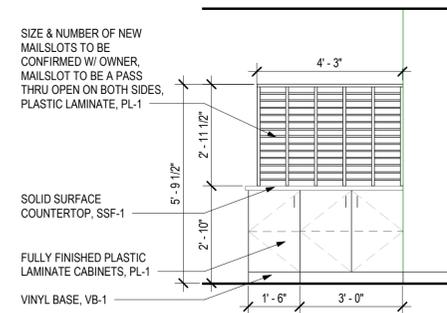
**7 SUITE 419 CONFERENCE EAST ELEVATION**  
3/8" = 1'-0"



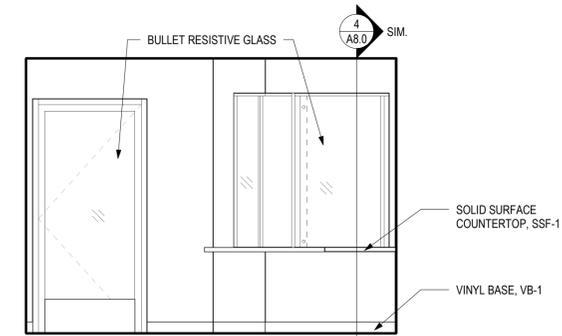
**6 SUITE 419 CONFERENCE NORTH ELEVATION**  
3/8" = 1'-0"



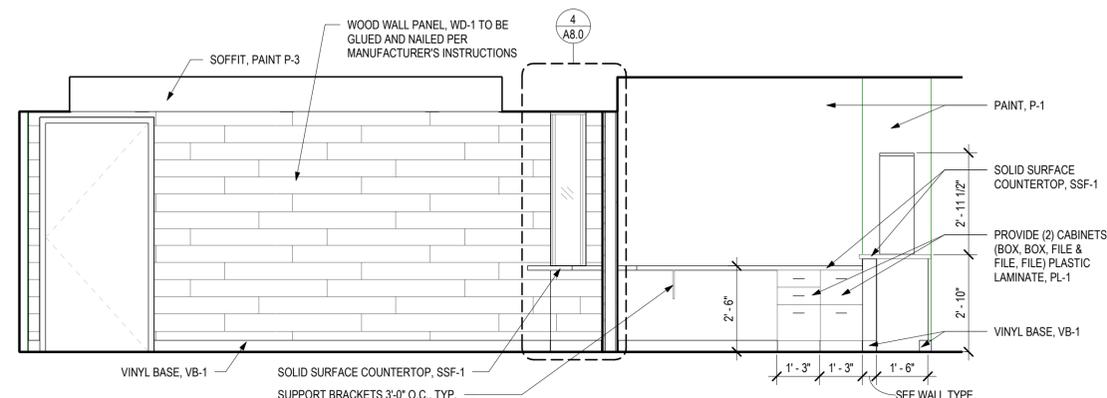
**5 SUITE 419 WORKROOM WEST ELEVATION**  
3/8" = 1'-0"



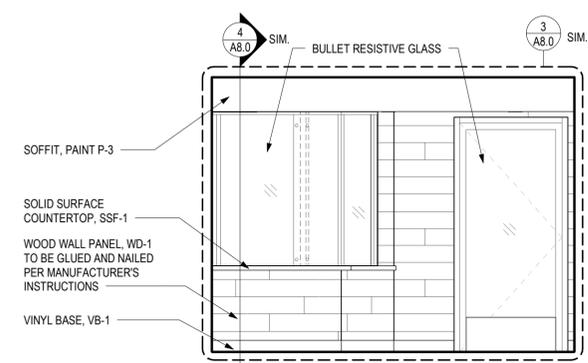
**4 SUITE 419 MAIL ELEVATION**  
3/8" = 1'-0"



**3 SUITE 419 RECEPTION DESK BACK ELEVATION**  
3/8" = 1'-0"



**2 SUITE 419 VESTIBULE ELEVATION EAST**  
3/8" = 1'-0"



**1 SUITE 419 RECEPTION DESK FRONT ELEVATION**  
3/8" = 1'-0"

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DCPW RFB # 319034

**FOURTH FLOOR**

**INTERIOR  
ELEVATIONS**

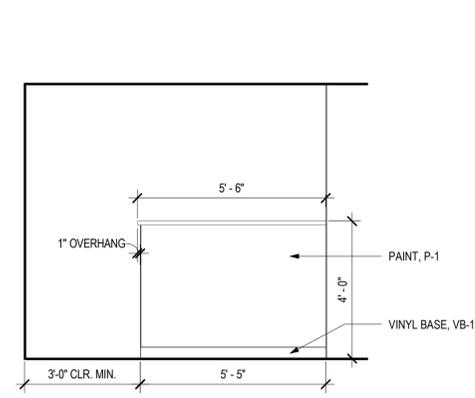
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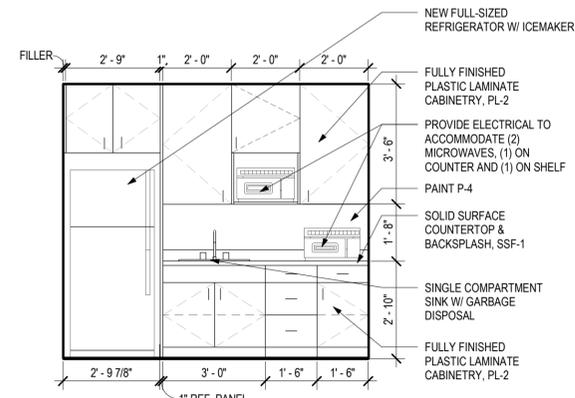
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**BUILDING 4TH**  
**FLOOR REMODEL,**  
**SUITES 418, 419 &**  
**425**

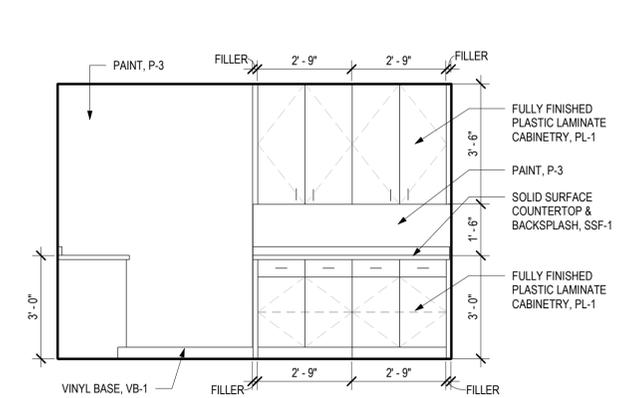
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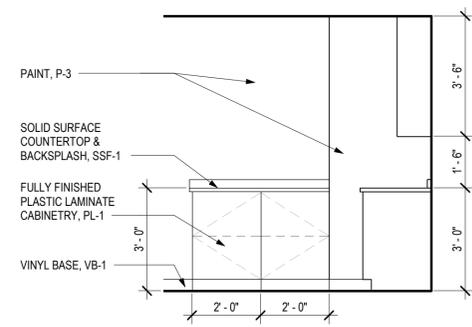
**8 SUITE 418 HALF WALL ELEVATION**  
3/8" = 1'-0"



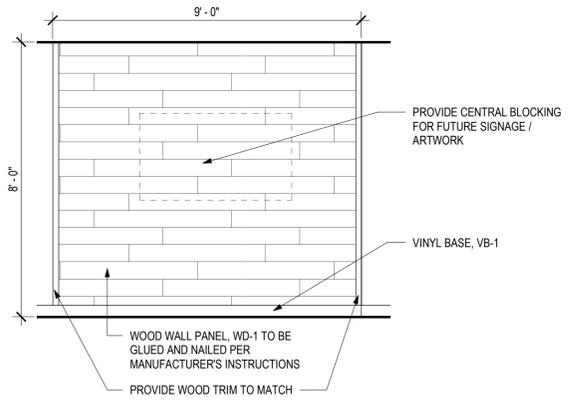
**7 SUITE 425 BREAK EAST ELEVATION**  
3/8" = 1'-0"



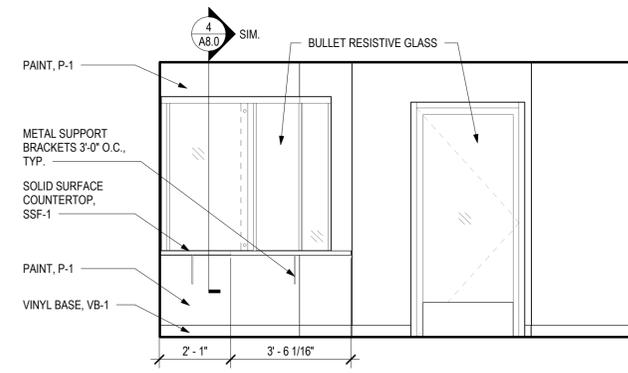
**6 SUITE 425 PRINTROOM EAST ELEVATION**  
3/8" = 1'-0"



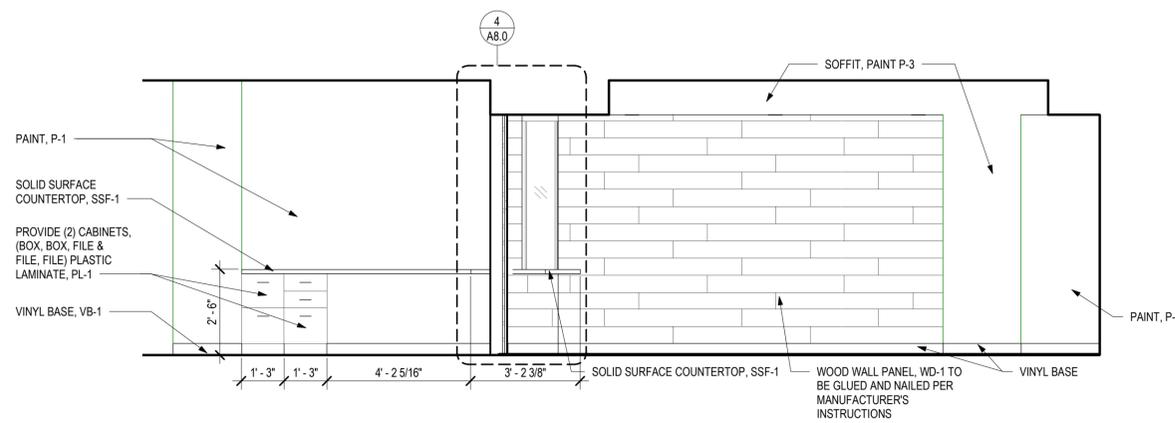
**5 SUITE 425 PRINTROOM NORTH ELEVATION**  
3/8" = 1'-0"



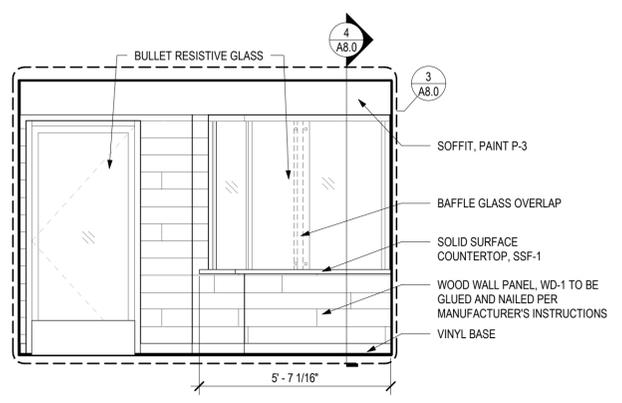
**4 SUITE 425 DISPLAY WALL ELEVATION**  
3/8" = 1'-0"



**3 SUITE 425 RECEPTION BACK ELEVATION**  
3/8" = 1'-0"



**2 SUITE 425 VESTIBULE ELEVATION EAST**  
3/8" = 1'-0"



**1 SUITE 425 RECEPTION FRONT ELEVATION**  
3/8" = 1'-0"

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DCPW RFB # 319034

**FOURTH FLOOR**  
**INTERIOR**  
**ELEVATIONS**

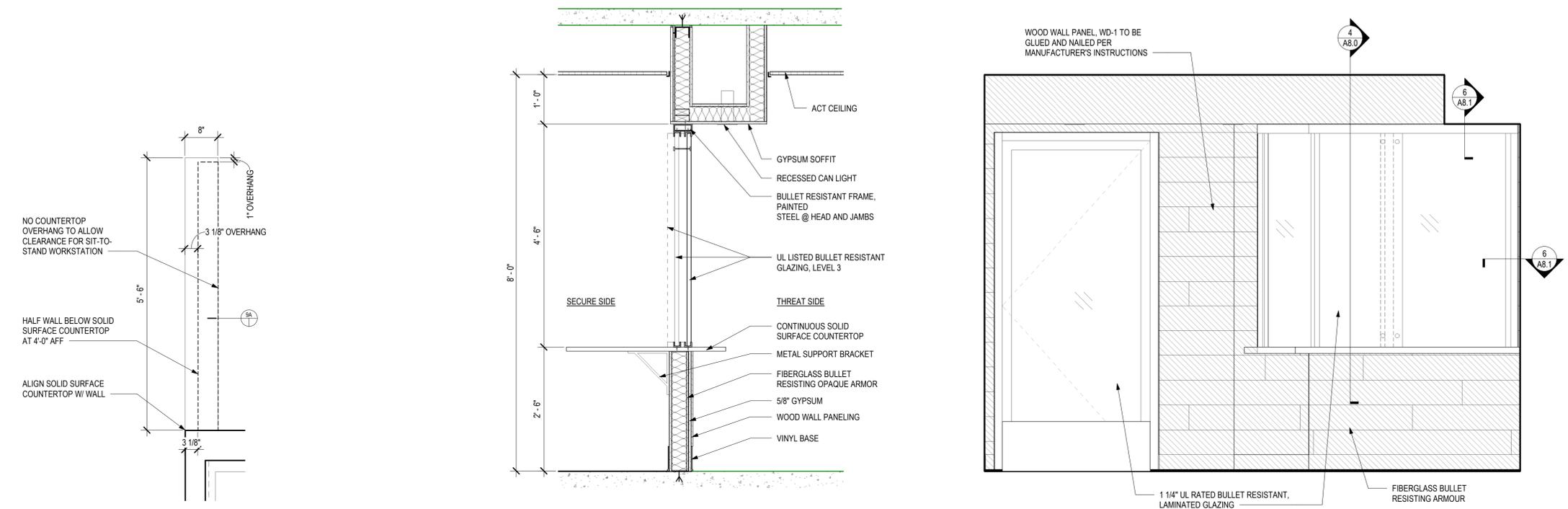
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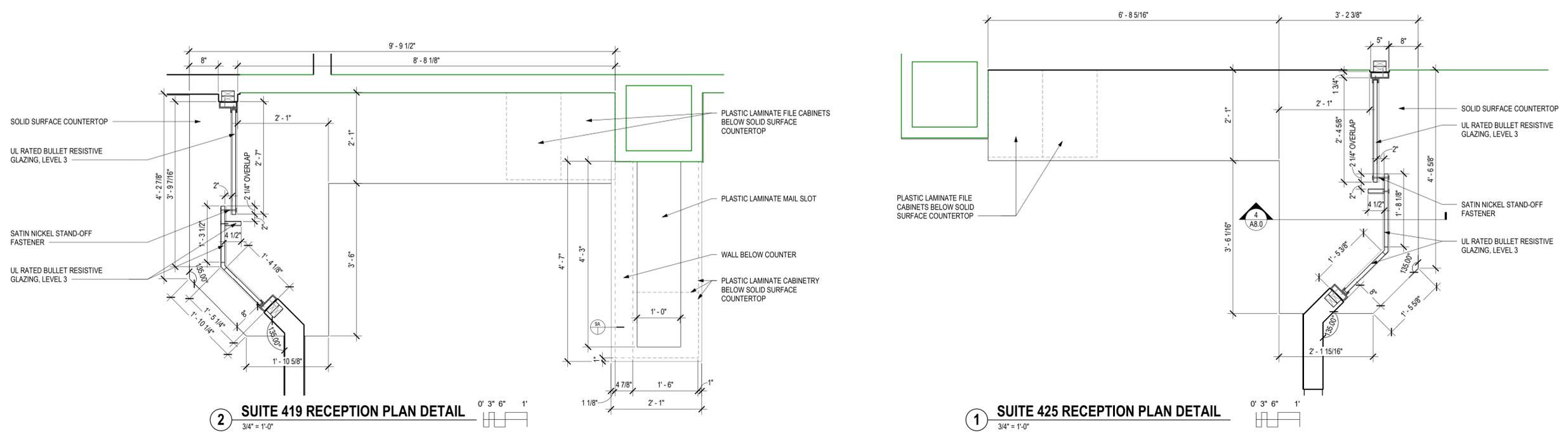
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**CITY-COUNTY**  
BUILDING 4TH  
FLOOR REMODEL,  
SUITES 418, 419 &  
425

210 MARTIN LUTHER KING JR BLVD,  
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**5 SUITE 418 HALF WALL PLAN DETAIL** 3/4" = 1'-0" **4 SECTION, BULLET RESISTANT TRANSACTION WINDOW** 3/4" = 1'-0" **3 ELEVATION, BULLET RESISTANT TRANSACTION WINDOW** 3/4" = 1'-0"



**2 SUITE 419 RECEPTION PLAN DETAIL** 3/4" = 1'-0" **1 SUITE 425 RECEPTION PLAN DETAIL** 3/4" = 1'-0"

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**FOURTH FLOOR**  
**DETAILS**

**A8.0**

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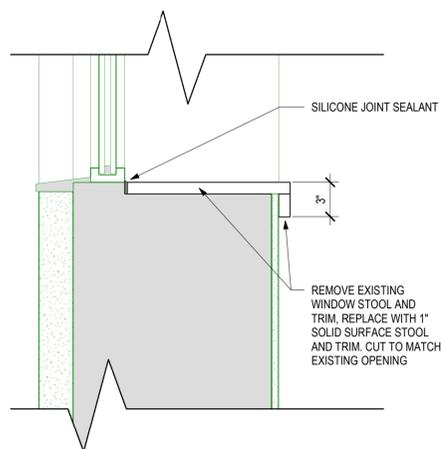
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**CITY-COUNTY**  
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FLOOR REMODEL,  
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425

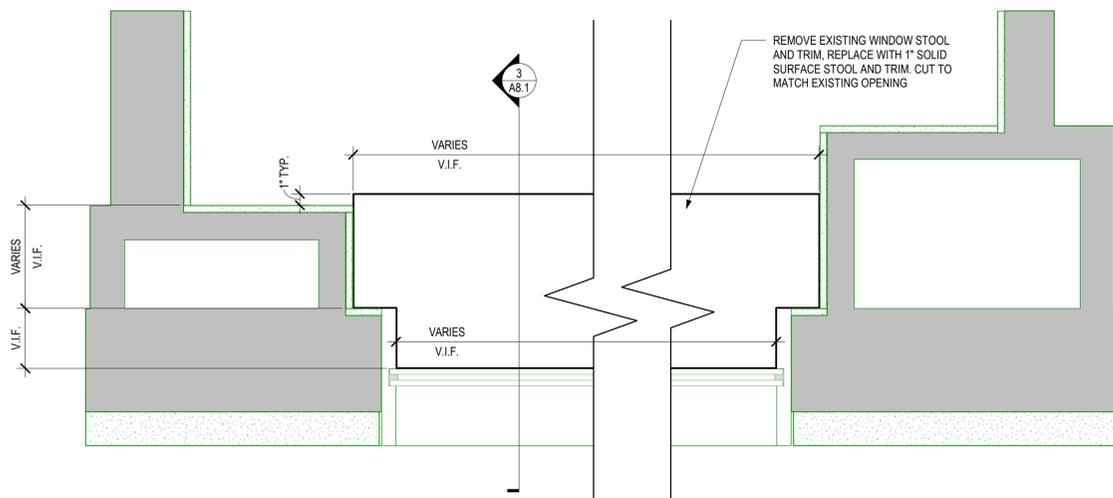
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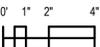
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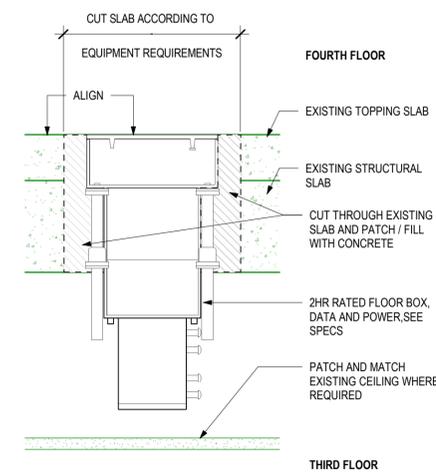
**3 WINDOW STOOL SECTION**  
1 1/2" = 1'-0" 

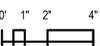


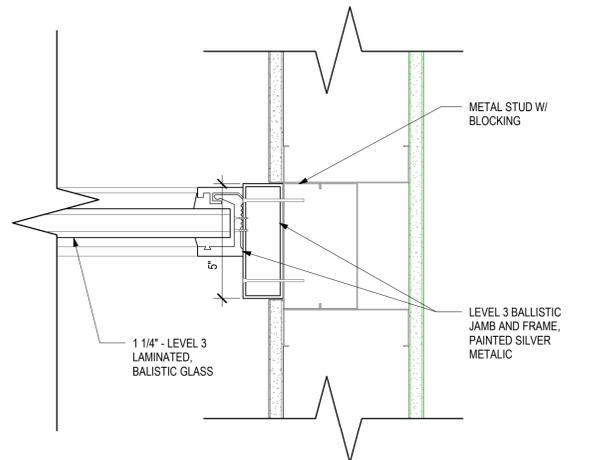
**2 WINDOW STOOL PLAN DETAIL**  
1 1/2" = 1'-0" 

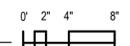


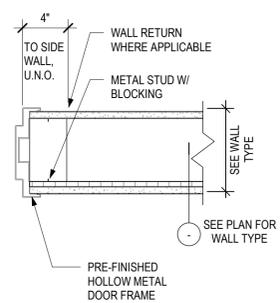
**1 FLOOR BOX AT CONFERENCE TABLE**  
3" = 1'-0" 

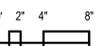


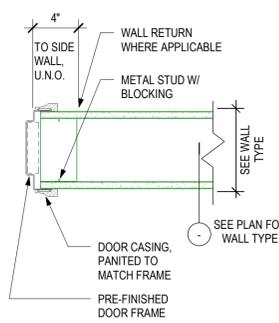
**6 BALLISTIC WINDOW JAMB / HEAD DETAIL**  
3" = 1'-0" 



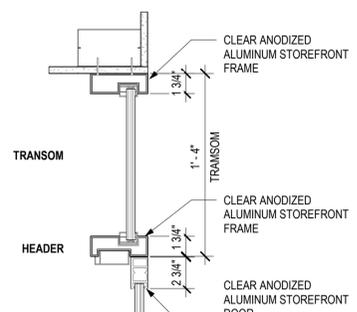
**5 HM HEAD / JAMB DETAIL**  
1 1/2" = 1'-0" 



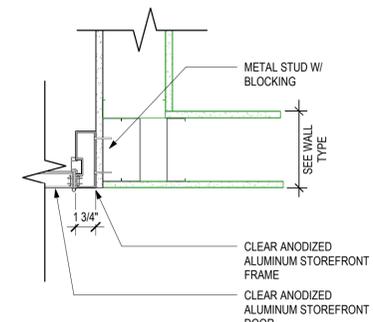
**4 TIMELY HEAD / JAMB DETAIL**  
1 1/2" = 1'-0" 



**8 STOREFRONT DOOR HEAD / TRANSOM**  
1 1/2" = 1'-0" 



**7 STOREFRONT DOOR JAMB**  
1 1/2" = 1'-0" 



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**FOURTH FLOOR**  
DETAILS

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FLOOR FINISH GENERAL NOTES	
A.	PROVIDE TRANSITION STRIP BETWEEN DISSIMILAR FLOOR FINISHES. SEE SPECIFICATIONS FOR FURTHER INFORMATION
B.	REFER TO STRUCTURAL DRAWINGS FOR CONTROL JOINT LOCATIONS
C.	AT CORRIDOR 444. PAINT NEW WALL INFILLS AND THE ADJACENT EXISTING WALL TO MATCH EXISTING. PATCH BASE TO MATCH EXISTING WHERE REQUIRED.

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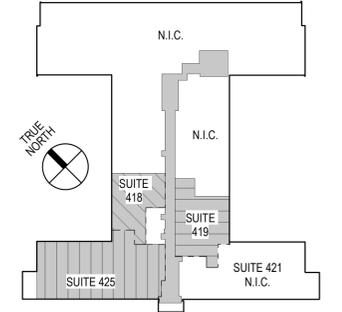
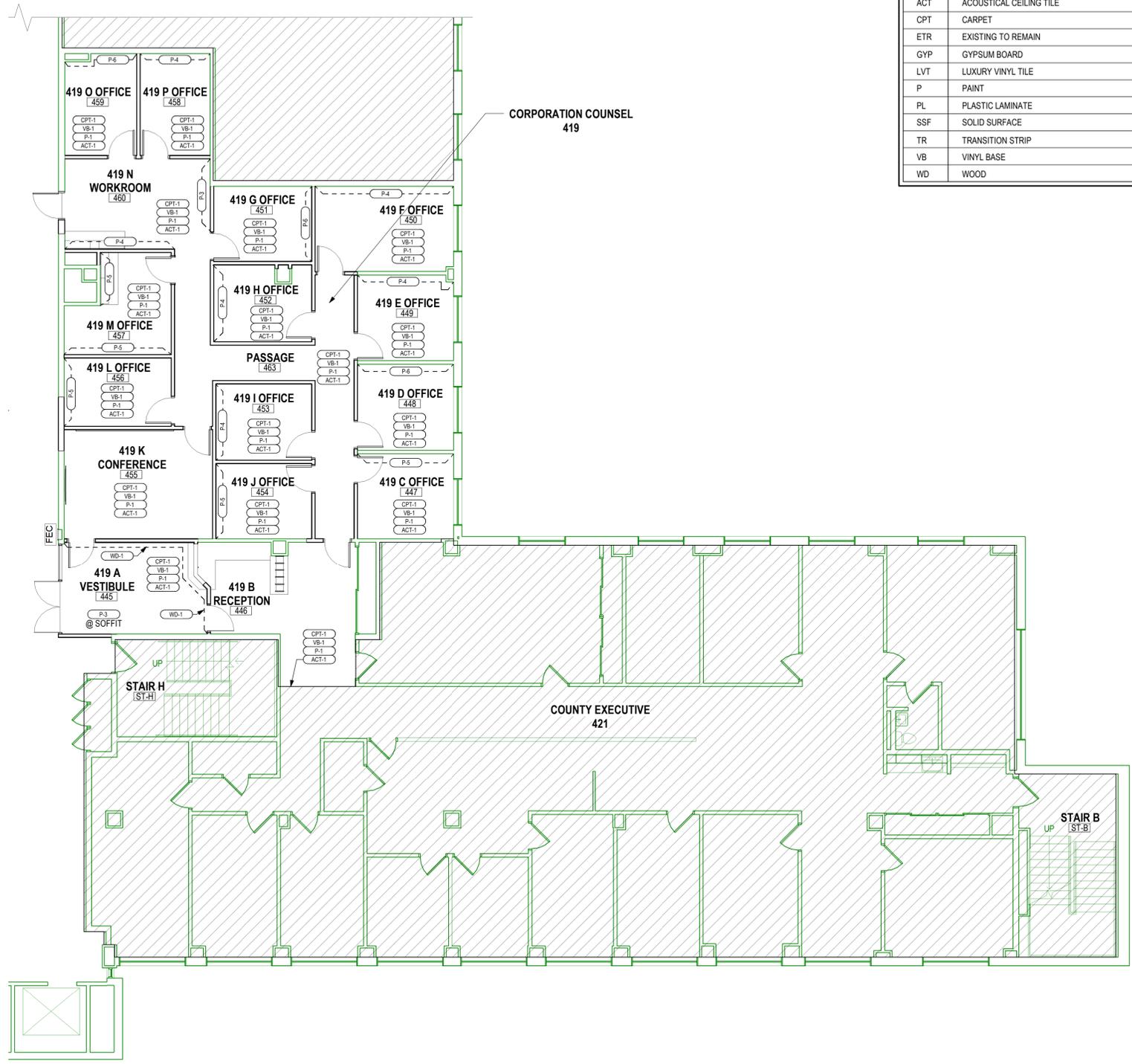
FINISH LEGEND	
ACT	ACOUSTICAL CEILING TILE
CPT	CARPET
ETR	EXISTING TO REMAIN
GYP	GYPSUM BOARD
LVT	LUXURY VINYL TILE
P	PAINT
PL	PLASTIC LAMINATE
SSF	SOLID SURFACE
TR	TRANSITION STRIP
VB	VINYL BASE
WD	WOOD

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**CITY-COUNTY  
BUILDING 4TH  
FLOOR REMODEL,  
SUITES 418, 419 &  
425**

210 MARTIN LUTHER KING JR BLVD,  
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**FOURTH FLOOR KEY PLAN**

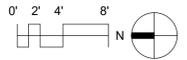
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**FOURTH FLOOR  
FLOOR FINISH PLAN  
- SOUTH**

**1 FOURTH FLOOR FINISH PLAN - SOUTH**  
1/8" = 1'-0"



**FINISH LIST**

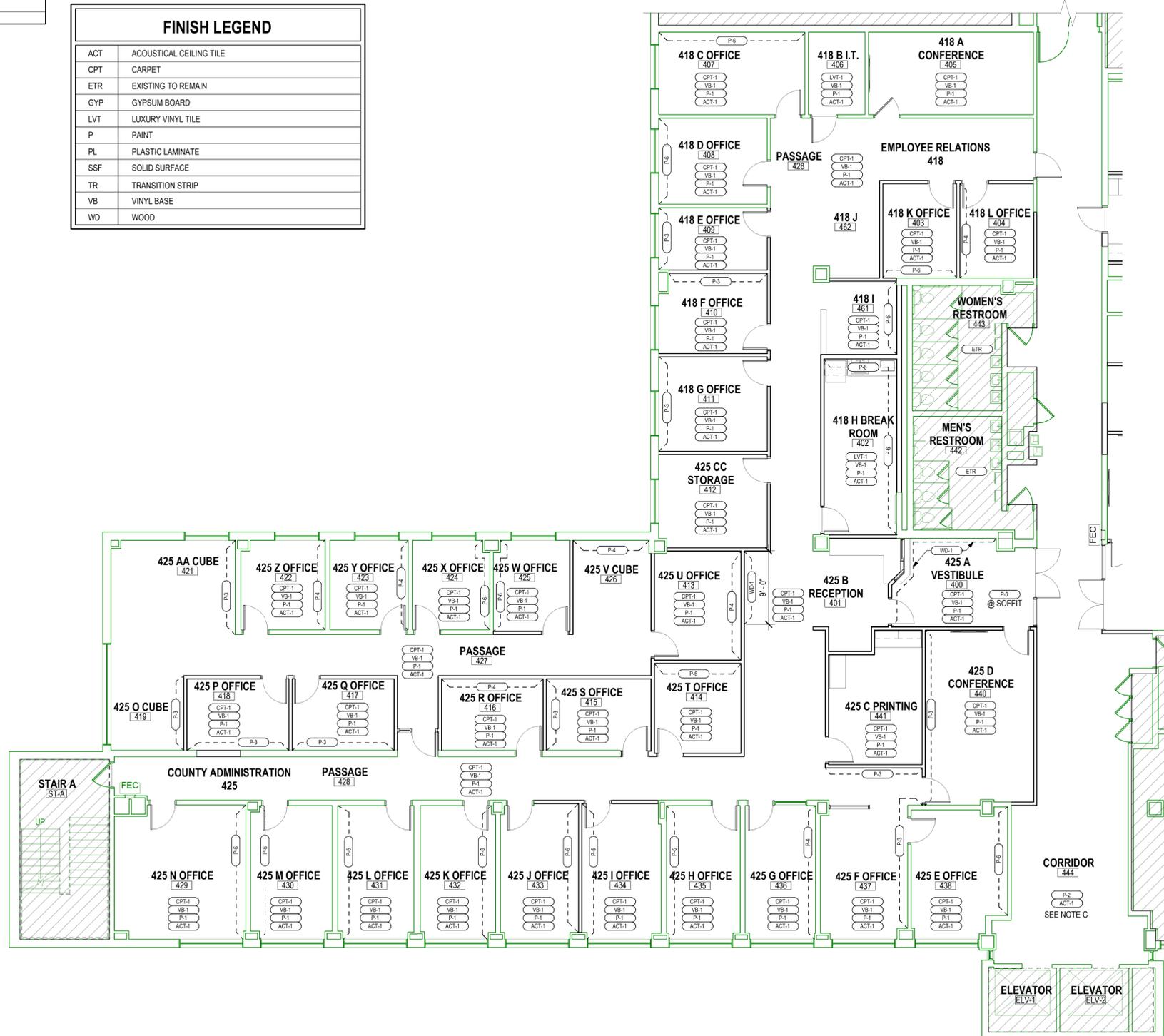
ITEM:	MANUFACTURER: ARMSTRONG NUMBER: DUNE TEGULAR COLOR: WHITE DESCRIPTION: 24" X 24", 5/8" IN 15/16" GRID NOTES:	ITEM:	MANUFACTURER: WILSONART NUMBER: 9203CE COLOR: DUSK ICE DESCRIPTION: SOLID SURFACE COUNTERTOPS & WINDOW STOOLS NOTES:
ACT-1		SSF-1	
ITEM:	MANUFACTURER: INTERFACE NUMBER: WW890 WORLD WOVEN COLLECTION COLOR: 105385 CHARCOAL DOBBY DESCRIPTION: 9" X 40" CARPET TILE NOTES: INSTALL PATTERN = ASHLAR	ITEM:	MANUFACTURER: STACKED WOOD WALLS NUMBER: 0314 COLOR: GRIS MAPLE DESCRIPTION: WOOD WALL PANELING NOTES: VESTIBULE AND RECEPTION
CPT-1		WD-1	
ITEM:	MANUFACTURER: INTERFACE NUMBER: A00106 COLOR: BOTTICINO MARBLE DESCRIPTION: LUXURY VINYL TILE NOTES: BREAK ROOM INSTALL PATTERN = BRICK		
LVT-1			
ITEM:	MANUFACTURER: SHERWIN WILLIAMS NUMBER: SW 7634 COLOR: CRUSHED ICE DESCRIPTION: FIELD PAINT COLOR NOTES:		
P-1			
ITEM:	MANUFACTURER: SHERWIN WILLIAMS NUMBER: COLOR: MATCH EXISTING DESCRIPTION: PAINT CORRIDOR 444 TO MATCH EXISTING NOTES:		
P-2			
ITEM:	MANUFACTURER: SHERWIN WILLIAMS NUMBER: 6251 COLOR: OUTER SPACE DESCRIPTION: ACCENT PAINT COLOR NOTES: COPY/PRINT AND VESTIBULE		
P-3			
ITEM:	MANUFACTURER: SHERWIN WILLIAMS NUMBER: 6473 COLOR: SURF GREEN DESCRIPTION: ACCENT PAINT COLOR NOTES:		
P-4			
ITEM:	MANUFACTURER: SHERWIN WILLIAMS NUMBER: 6508 COLOR: SECURE BLUE DESCRIPTION: ACCENT PAINT COLOR NOTES:		
P-5			
ITEM:	MANUFACTURER: SHERWIN WILLIAMS NUMBER: 7604 COLOR: SMOKY BLUE DESCRIPTION: ACCENT PAINT COLOR NOTES:		
P-6			
ITEM:	MANUFACTURER: WILSONART NUMBER: 8217K-16 COLOR: ITALIAN SILVER ASH DESCRIPTION: PLASTIC LAMINATE CABINETRY NOTES:		
PL-1			
ITEM:	MANUFACTURER: WILSONART NUMBER: 8211K-28 COLOR: PHANTOM PEARL DESCRIPTION: PLASTIC LAMINATE CABINETRY NOTES:		
PL-2			
ITEM:	MANUFACTURER: TARKETT - JOHNSONITE NUMBER: TA6 COLOR: BEDROCK DESCRIPTION: VINYL BASE NOTES:		
VB-1			

**FLOOR FINISH GENERAL NOTES**

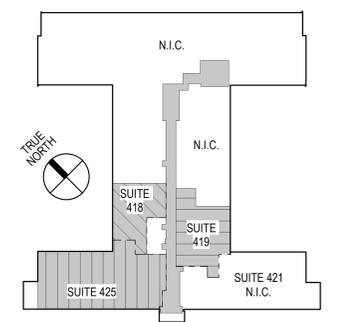
- PROVIDE TRANSITION STRIP BETWEEN DISSIMILAR FLOOR FINISHES, SEE SPECIFICATIONS FOR FURTHER INFORMATION
- REFER TO STRUCTURAL DRAWINGS FOR CONTROL JOINT LOCATIONS
- AT CORRIDOR 444, PAINT NEW WALL INFILLS AND THE ADJACENT EXISTING WALL TO MATCH EXISTING. PATCH BASE TO MATCH EXISTING WHERE REQUIRED.

**FINISH LEGEND**

ACT	ACOUSTICAL CEILING TILE
CPT	CARPET
ETR	EXISTING TO REMAIN
GYP	GYPSUM BOARD
LVT	LUXURY VINYL TILE
P	PAINT
PL	PLASTIC LAMINATE
SSF	SOLID SURFACE
TR	TRANSITION STRIP
VB	VINYL BASE
WD	WOOD



**1** FOURTH FLOOR FINISH PLAN - NORTH  
1/8" = 1'-0"



FOURTH FLOOR KEY PLAN

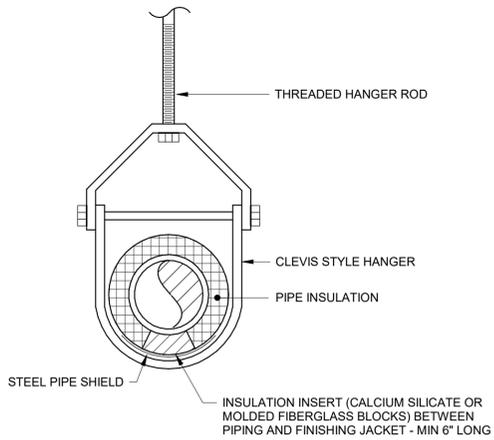
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**FOURTH FLOOR**  
FLOOR FINISH PLAN - NORTH

C:\Users\lbradford\Documents\19007 - CCB 3rd and 4th Floor Suite Remodel\lbradford@dimensionmadison.com.rvt 10/28/2019 4:04:54 PM



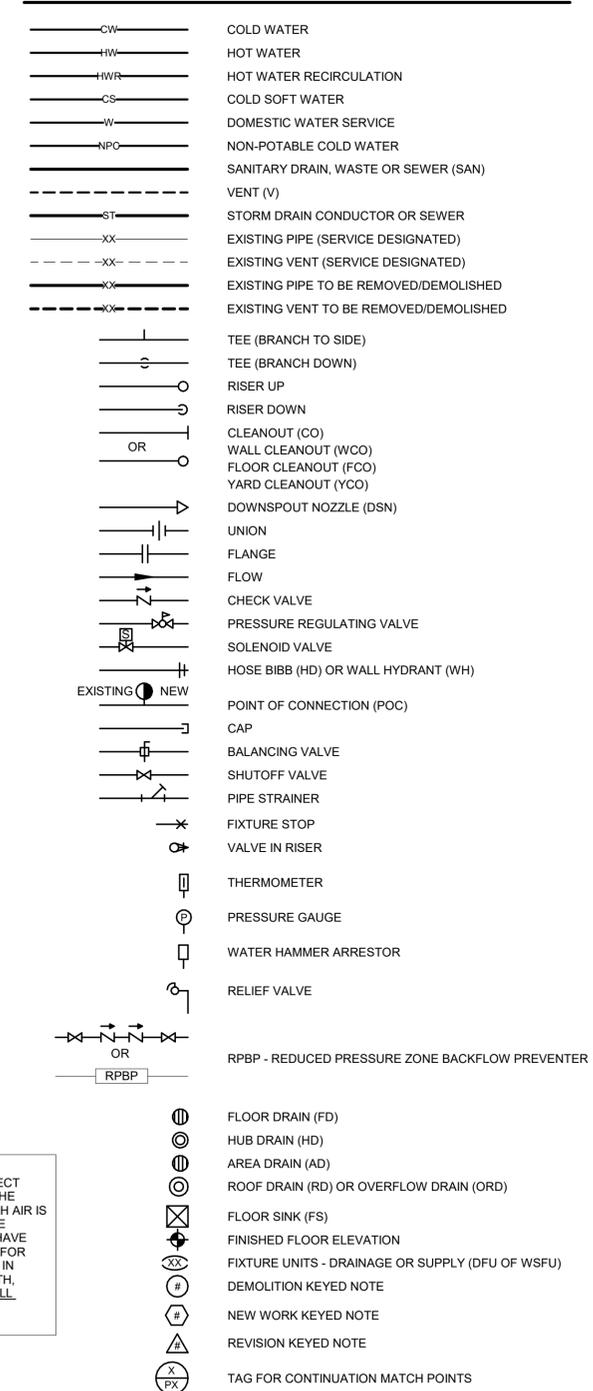
1 PIPE HANGER DETAIL  
P0.0 SCALE: NONE

PLUMBING FIXTURES SCHEDULE											
ID	FIXTURE	WASTE			WATER				DETAIL / SHEET	DESCRIPTION / REMARKS	
		DFU	TRAP	VENT (MIN)	COLD CWFU	COLD SIZE	HOT HWFU	HOT SIZE			
GD-1	GARBAGE DISPOSAL	---	---	---	---	---	---	---	---	---	FIXTURE: INSINKERATOR EVOLUTION SERIES, SOUND INSULATING, ANTI-VIBRATION MOUNT, 120V / 1HP / 1PH / 10.2 AMPS/ 1725 RPM.
IM-1	ICE MAKER CONNECTION	---	---	---	0.5	1/2"	---	---	---	---	FIXTURE: GUY GRAY #AB9700HA WITH 1/4" TURN VALVE, WATER HAMMER ARRESTOR, AND ASSE 1022 BACKFLOW DEVICE. ICE MACHINE BY OTHERS.
S-1	SINK (BREAKROOM)	2	1 1/2"	1 1/2"	1.5	1/2"	1.5	1/2"	---	---	FIXTURE: ELKAY LUSTERSTONE ELUHAB21155 UNDERMOUNT SINK, SINGLE BOWL, 18 GAUGE TYPE 304 STAINLESS STEEL, 23.5" x 18.25" x 5.375" DEEP OVERALL SIZE, ADA COMPLIANT. FAUCET: KOHLER SIMPLICE K-596-VS MANUAL MIXING FAUCET, 9" SWING GOOSENECK SPOUT WITH PULL-DOWN SPRAYER, SINGLE LEVER VOLUME AND TEMPERATURE CONTROL, 1.5 GPM AERATOR, SINGLE HOLE MOUNTING WITH SPOUT CENTERED BEHIND SINK, VIBRANT STAINLESS FINISH, ADA COMPLIANT. TRAP & DRAIN: CHROME PLATED 17 GAUGE CAST BRASS TRAP OFF OF GD-1, WITH BASKET STRAINER DRAIN. STOPS & SUPPLIES: MCGUIRE LFBV2165CC, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.

**ABBREVIATIONS:**

- AFF ABOVE FINISHED FLOOR
- BFF BELOW FINISHED FLOOR
- CB CATCH BASIN
- CO CLEANOUT
- CS COLD SOFT WATER
- CW COLD WATER
- CWV CLEAR WATER VENT
- CWW CLEAR WATER WASTE
- DF DRINKING FOUNTAIN
- DSN DOWNSPOUT NOZZLE
- DW DISHWASHER
- E EXISTING
- EC ELECTRICAL CONTRACTOR
- ESEW EMERGENCY SHOWER/EYEWASH
- F FIRE PROTECTION WATER SERVICE
- FCO FLOOR CLEANOUT
- FEC FOOD EQUIPMENT CONTRACTOR
- FPC FIRE PROTECTION CONTRACTOR
- G NATURAL GAS
- GC GENERAL CONTRACTOR
- GI GREASE TRAP/INTERCEPTOR
- GW GREASY WASTE
- HB HOSE BIBB
- HC HVAC CONTRACTOR
- HW HOT WATER
- HWR HOT WATER RECIRCULATION
- IE INVERT ELEVATION
- L LAVATORY
- LT LAUNDRY TRAY
- MB MOP BASIN
- MH MANHOLE
- NPC NON-POTABLE COLD WATER
- NPCS NON-POTABLE COLD SOFT WATER
- OD OVERFLOW DRAIN
- ORD OVERFLOW ROOF DRAIN
- PC PLUMBING CONTRACTOR
- PRV PRESSURE REGULATING VALVE
- RPBP REDUCED PRESSURE ZONE BACKFLOW PREVENTER
- S SINK
- SAN SANITARY
- SH SHOWER
- SPR SPRINKLER PIPING
- ST STORM
- T TEMPERED WATER
- TMV THERMOSTATIC MIXING VALVE
- UR URINAL
- V VENT
- VTR VENT THRU ROOF
- W DOMESTIC WATER SERVICE
- WC WATER CLOSET
- WCO WALL CLEAN OUT
- WM WASHING MACHINE WALL BOX
- WH WALL HYDRANT
- WHA WATER HAMMER ARRESTOR
- WHR WATER HEATER
- YCO YARD CLEANOUT

**PLUMBING LEGEND:**



PLENUM NOTE:  
RETURN AIR CEILING PLENUMS ARE UTILIZED ON THIS PROJECT THROUGHOUT. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL ASCERTAIN THAT ALL ROOMS TO WHICH AIR IS SUPPLIED, HAVE RETURN AIR PATHS BACK TO AND THRU THE CEILING PLENUM. ANY SPACES OBSERVED WHICH DO NOT HAVE SUCH OPENINGS SHALL BE REPORTED TO A/E IMMEDIATELY FOR RESOLUTION. PIPING AND DUCTWORK SHALL BE INSTALLED IN SUCH A MANNER SO AS NOT TO BLOCK THE RETURN AIR PATH, RETURN AIR OPENINGS TO SHAFTS & INTAKE DUCTWORK. ALL MATERIALS IN PLENUMS SHALL BE PLENUM RATED NON-COMBUSTIBLE MATERIALS.

**PLUMBING SHEET INDEX**

P0.0	SYMBOLS, ABBREVS, DETAILS, & SCHEDULES - PLUMBING
P1.0	DEMOLITION PLAN - SOUTH - PLUMBING
P1.1	DEMOLITION PLAN - NORTH - PLUMBING
P2.0	NEW WORK PLAN - SOUTH - PLUMBING
P2.1	NEW WORK PLAN - NORTH - PLUMBING



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SUITES 418, 419 &  
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**FOURTH FLOOR**

SYMBOLS,  
ABBREVS, DETAILS,  
& SCHEDULES -  
PLUMBING  
**P0.0**

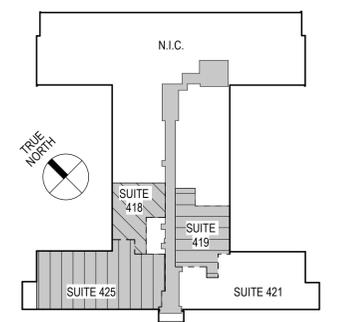
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MADISON, WI 53711  
PH: 608.277.1728 FAX: 608.271.7046  
JDR PROJECT NO. 19.0207

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**GENERAL NOTES:**  
1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK OR ORDERING MATERIALS.



**1** DEMOLITION PLAN - SOUTH - PLUMBING  
P1.0 SCALE: 1/8" = 1'-0"

DATE OF ISSUE: 10/28/19

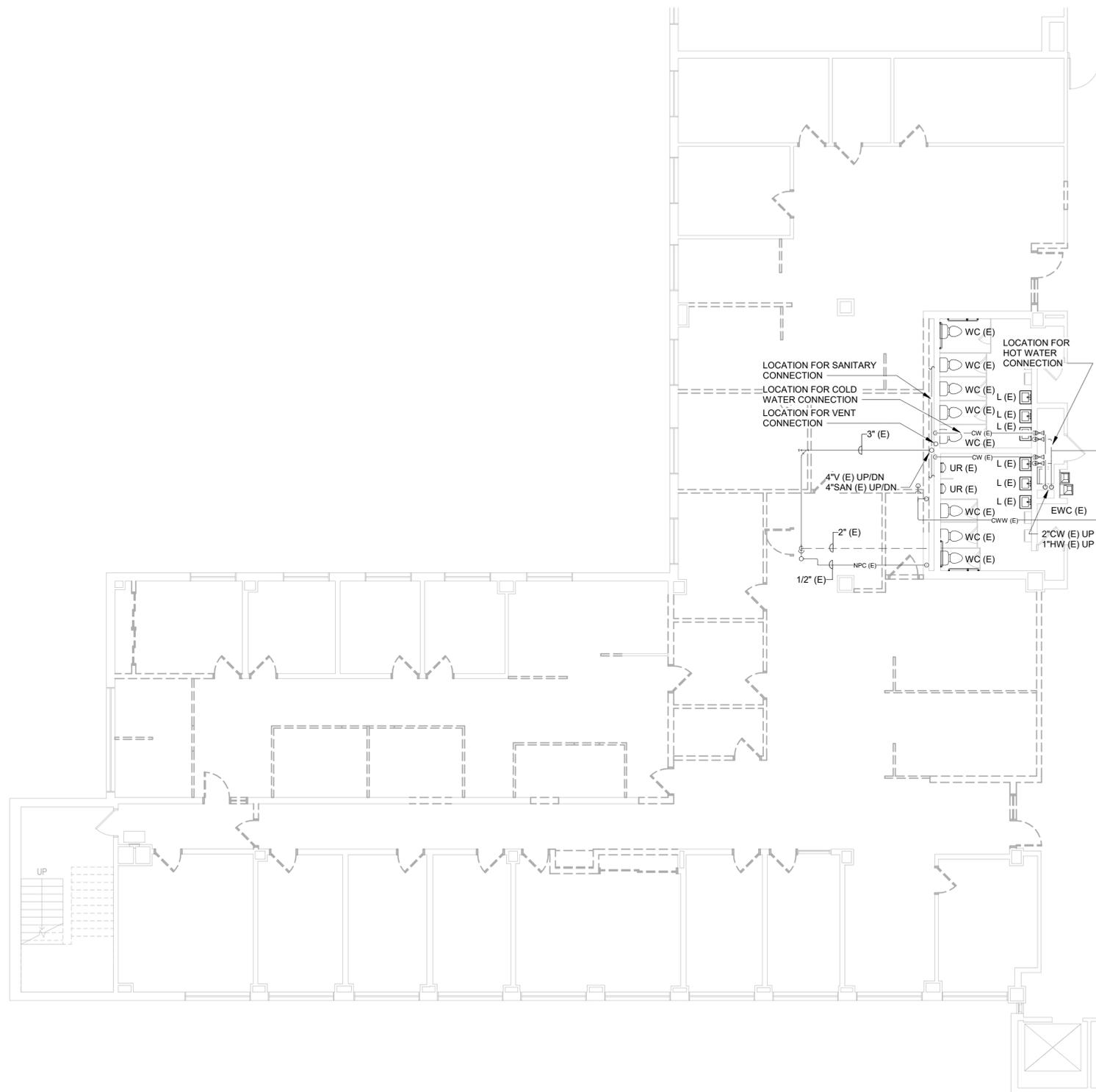
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**FOURTH FLOOR**  
**DEMOLITION PLAN -  
SOUTH - PLUMBING**

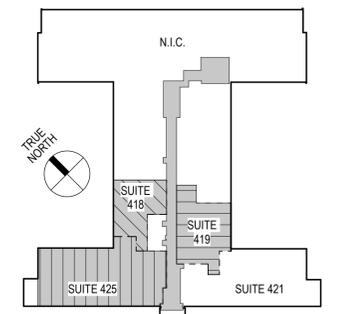
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**P1.0**



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**FOURTH FLOOR**  
**DEMOLITION PLAN -**  
**NORTH - PLUMBING**

**1**  
**P1.1** DEMOLITION PLAN - NORTH - PLUMBING  
SCALE: 1/8" = 1'-0"

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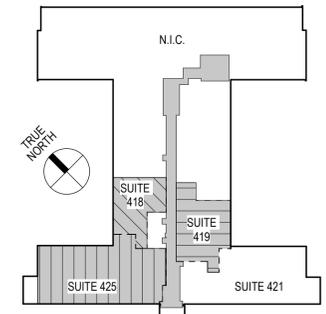
**P1.1**

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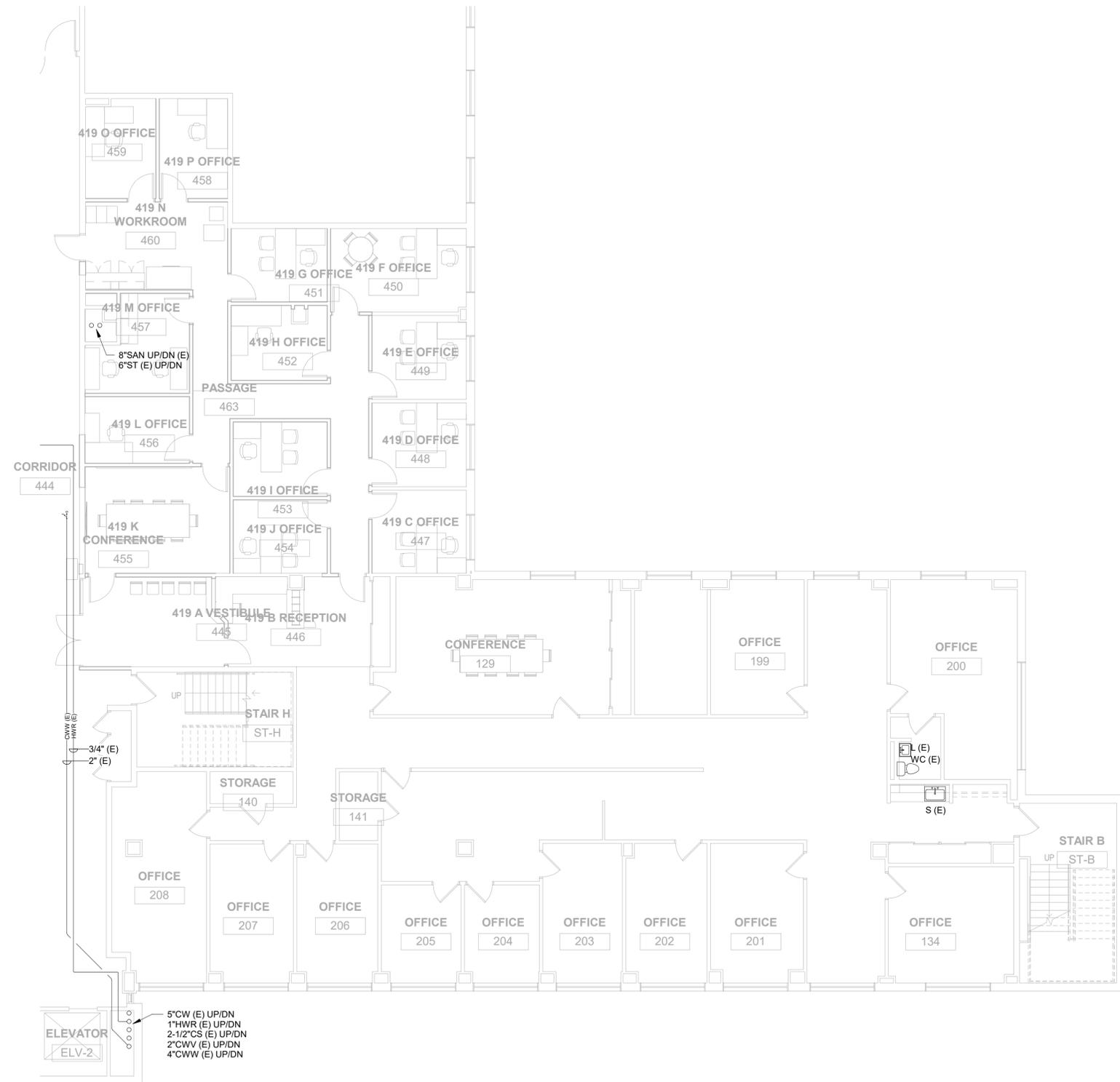
**FOURTH FLOOR**

**NEW WORK PLAN -  
SOUTH - PLUMBING**

**P2.0**

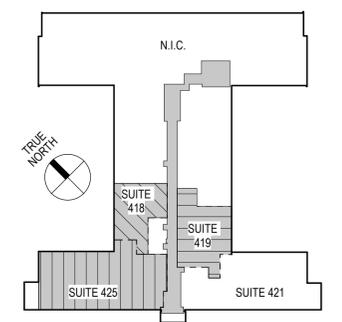
**GENERAL NOTES:**

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**1 FLOOR PLAN - SOUTH - PLUMBING**  
P2.0 SCALE: 1/8" = 1'-0"

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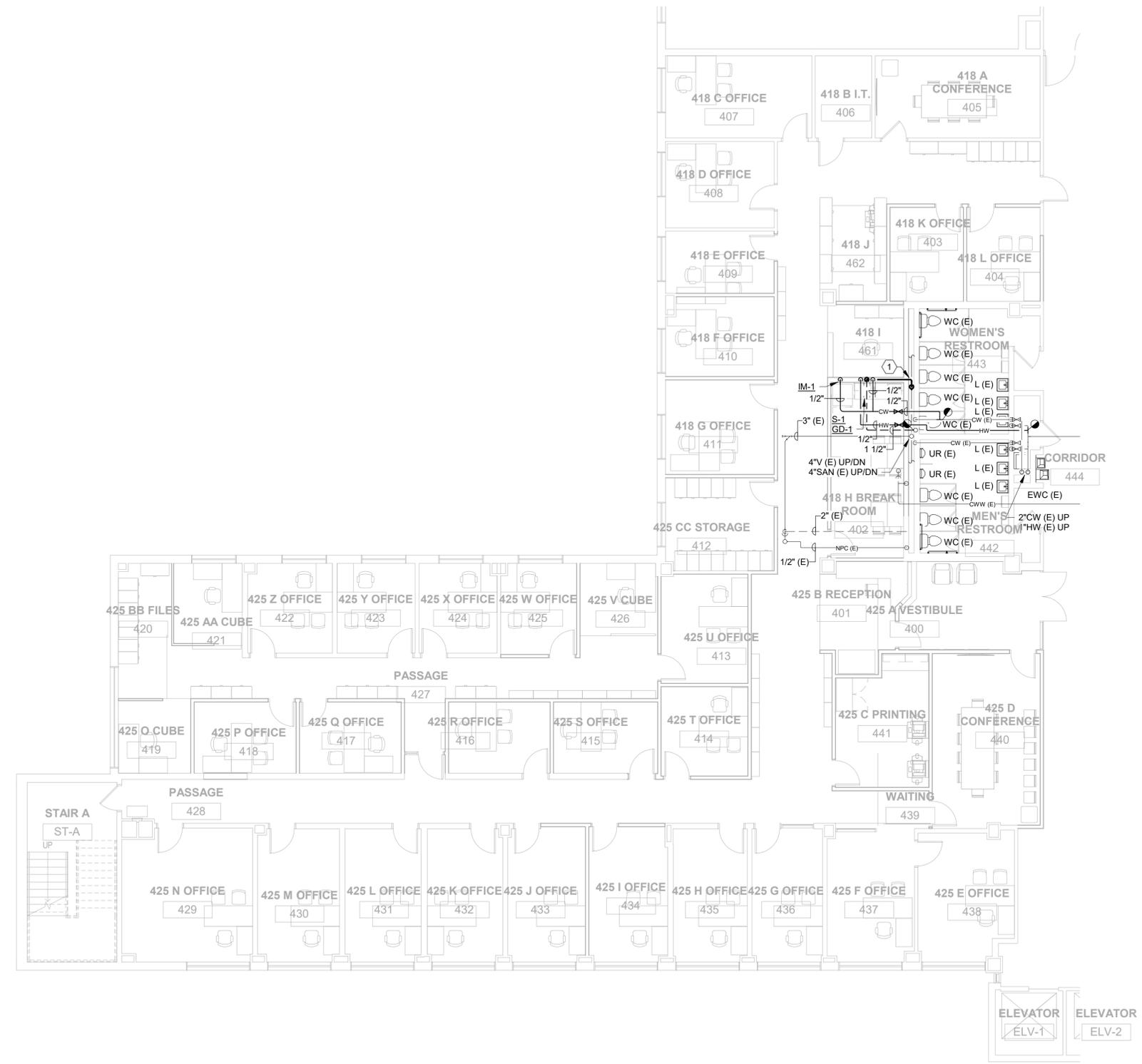

PROJECT # 19007  
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**FOURTH FLOOR**  
**NEW WORK PLAN -  
NORTH - PLUMBING**

**P2.1**

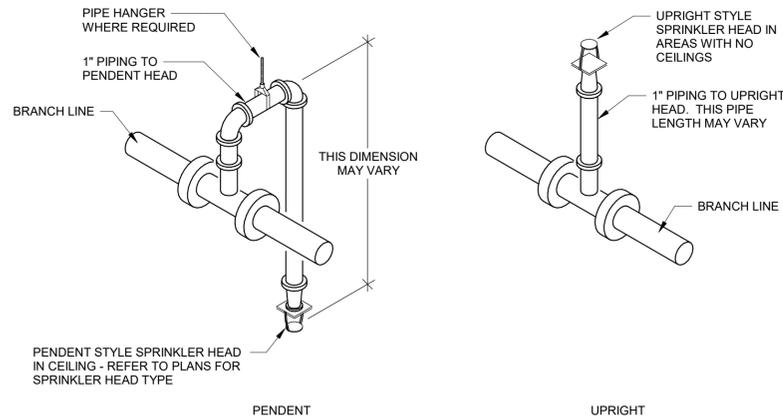
**GENERAL NOTES:**  
1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK OR ORDERING MATERIALS.

**KEYED NOTES:**  
① INSTALL 1 1/2" SAN IN WALL AND CONNECT TO EXISTING 4" SAN IN PLUMBING CHASE.

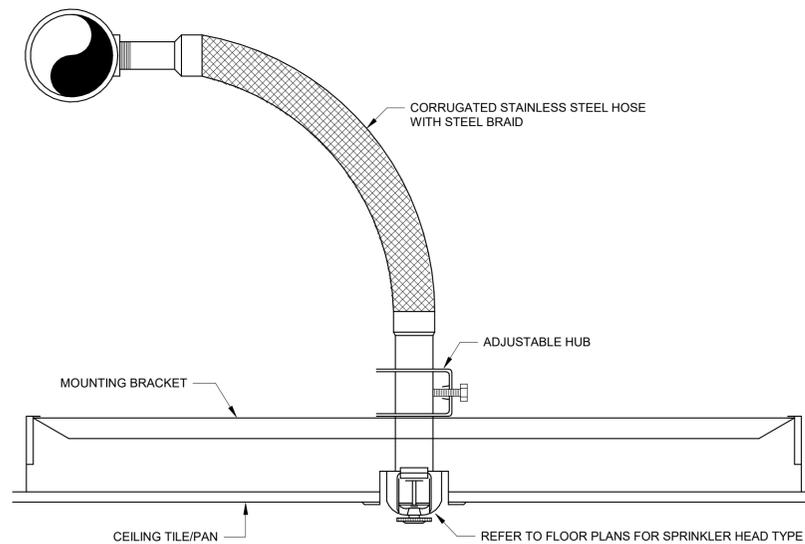


① **FLOOR PLAN - NORTH - PLUMBING**  
SCALE: 1/8" = 1'-0"

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**1** SPRINKLER HEAD TAKE-OFF DETAILS  
F0.0 SCALE: NONE



- NOTES:**
- ALL HEADS ON WET SYSTEM UTILIZE FLEXIBLE ASSEMBLY WHERE POSSIBLE WHEN CLEARANCES ARE TIGHT - FINISH DROPS ARE HARD PIPED.
  - ALL HEADS SUPPLIED BY THE DRY SPRINKLER SYSTEM ARE HARD PIPED AS RETURN BENDS.

**2** FLEXIBLE SPRINKLER DROP DETAIL  
F0.0 SCALE: NONE

**FIRE PROTECTION GENERAL NOTES:**

- VERIFY UTILITY INFORMATION WITH LOCAL UTILITY COMPANIES. VISIT THE BUILDING SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING THE WORK.
- VERIFY ALL MEASUREMENTS, PIPE SIZES, PIPE LOCATIONS, ELEVATIONS, ETC. AT SITE.
- 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.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL STRUCTURAL DIMENSIONS AND LAYOUT.
- IT IS THE INTENT OF THESE DRAWINGS THAT A COMPLETE WORKING SYSTEM, PROPERLY TESTED, WILL BE OPERATIONAL UPON COMPLETION OF INSTALLATION.
- 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.
- ALL SPRINKLER PIPING SHALL BE LOCATED WITHIN THE JOIST SPACE UNLESS INDICATED OTHERWISE.
- 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.
- INSTALL SPRINKLERS IN CENTER OF CEILING TILES WHERE APPLICABLE.

**FIRE PROTECTION NARRATIVE:**

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

**FIRE PROTECTION SYSTEM CLASSIFICATION:**

**LIGHT HAZARD OCCUPANCY:**

THE PROTECTION AREA ALLOTTED PER SPRINKLER SHOULD NOT EXCEED 225 SQUARE FEET WITH THE MAXIMUM DISTANCE BETWEEN LINES AND SPRINKLERS ON LINES BEING 15 FEET.

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

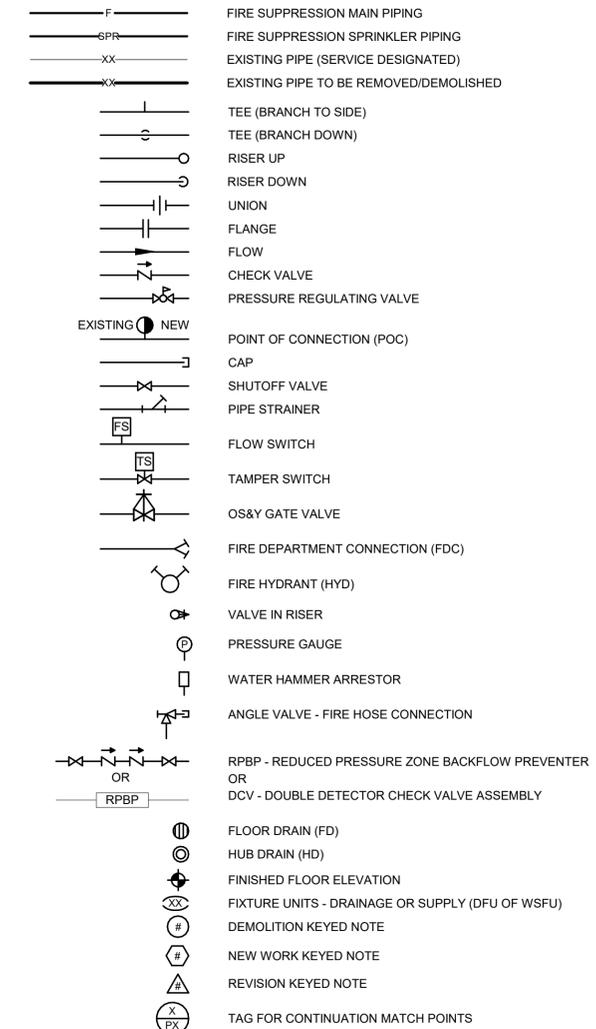
**ORDINARY HAZARD OCCUPANCY:**

THE PROTECTION AREA ALLOTTED PER SPRINKLER SHOULD NOT EXCEED 130 SQUARE FEET WITH THE MAXIMUM DISTANCE BETWEEN LINES AND SPRINKLERS ON LINES BEING 15 FEET.

AREAS OF ORDINARY HAZARD SHALL INCLUDE: MECHANICAL ROOMS, JANITOR CLOSETS, AND STORAGE ROOMS.

**PLENUM NOTE:**  
RETURN AIR CEILING PLENUMS ARE UTILIZED ON THIS PROJECT THROUGHOUT. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL ASCERTAIN THAT ALL ROOMS TO WHICH AIR IS SUPPLIED, HAVE RETURN AIR PATHS BACK TO AND THRU THE CEILING PLENUM. ANY SPACES OBSERVED WHICH DO NOT HAVE SUCH OPENINGS SHALL BE REPORTED TO A/E IMMEDIATELY FOR RESOLUTION. PIPING AND DUCTWORK SHALL BE INSTALLED IN SUCH A MANNER SO AS NOT TO BLOCK THE RETURN AIR PATH. RETURN AIR OPENINGS TO SHAFTS & INTAKE DUCTWORK. ALL MATERIALS IN PLENUMS SHALL BE PLENUM RATED NON-COMBUSTABLE MATERIALS.

**FIRE PROTECTION LEGEND:**



**ABBREVIATIONS:**

- AFF ABOVE FINISHED FLOOR
- BFF BELOW FINISHED FLOOR
- DCV DOUBLE CHECK VALVE
- E EXISTING
- F FIRE PROTECTION WATER SERVICE
- FPC FIRE PROTECTION CONTRACTOR
- FS FLOW SWITCH
- GC GENERAL CONTRACTOR
- HC HVAC CONTRACTOR
- PC PLUMBING CONTRACTOR
- PRV PRESSURE REGULATING VALVE
- RPBP REDUCED PRESSURE ZONE BACKFLOW PREVENTER
- SPR SPRINKLER PIPING
- TS TAMPER SWITCH
- W DOMESTIC WATER SERVICE

**FIRE PROTECTION SHEET INDEX**

- F0.0 SYMBOLS, ABBREVIATIONS & NOTES - FIRE PROTECTION
- F1.0 DEMOLITION PLAN - SOUTH - FIRE PROTECTION
- F1.1 DEMOLITION PLAN - NORTH - FIRE PROTECTION
- F2.0 NEW WORK PLAN - SOUTH - FIRE PROTECTION
- F2.1 NEW WORK PLAN - NORTH - FIRE PROTECTION



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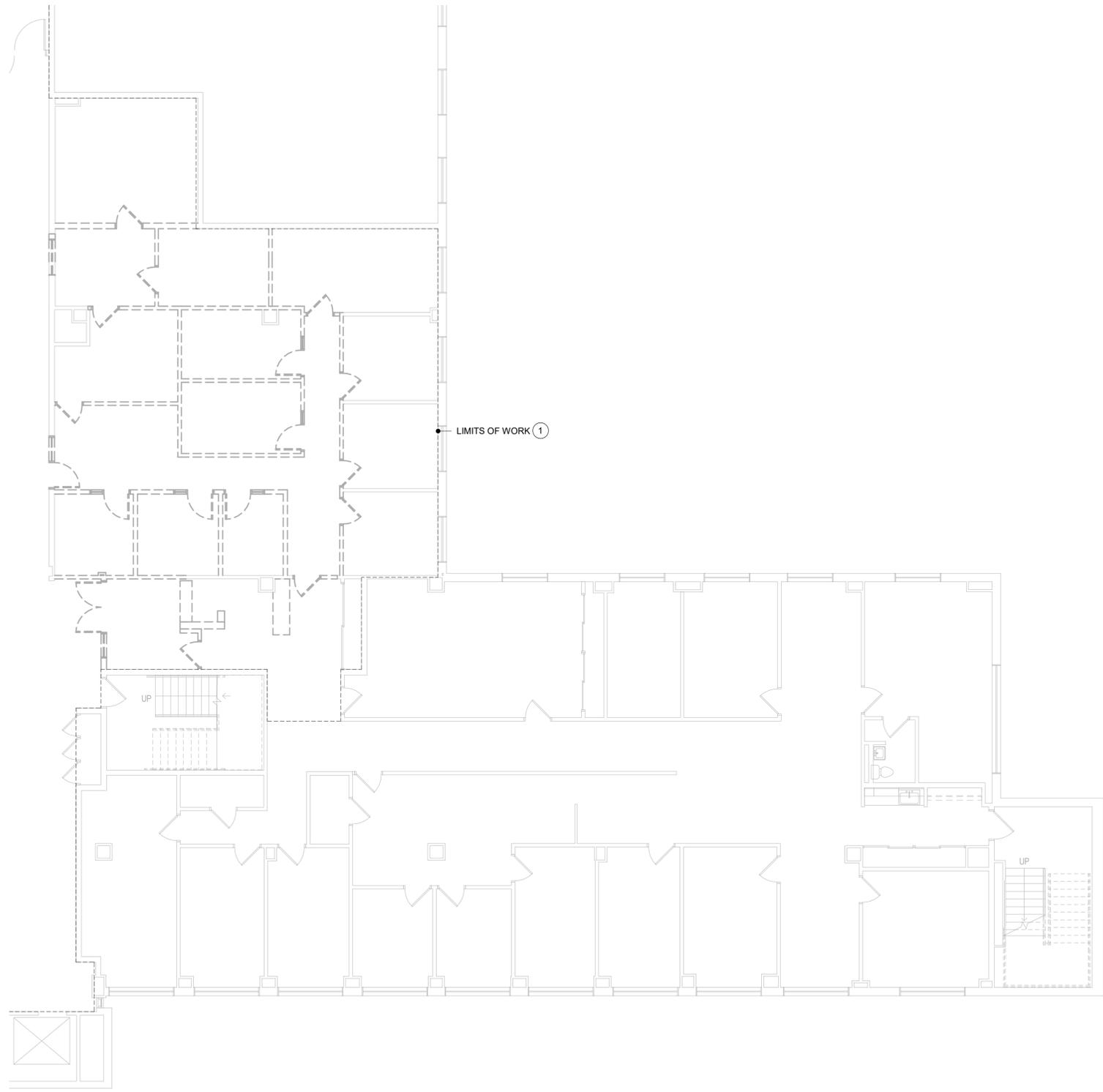
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**FOURTH FLOOR**

**SYMBOLS,**  
**ABBREVIATIONS &**  
**NOTES - FIRE**  
**PROTECTION**

**F0.0**

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1  
F1.0 DEMOLITION PLAN - SOUTH - FIRE PROTECTION  
SCALE: 1/8" = 1'-0"

**GENERAL NOTES:**

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK OR ORDERING MATERIALS.

**DEMOLITION KEYED NOTES:**

- DEMOLISH ALL EXISTING SPRINKLER HEADS AND BRANCH PIPING AS REQUIRED IN AREAS WITH DEMOLISHED CEILINGS. EXISTING SPRINKLER HEADS SHALL NOT BE REUSED.



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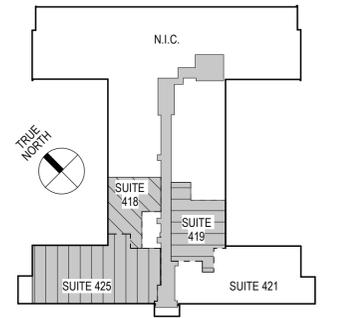
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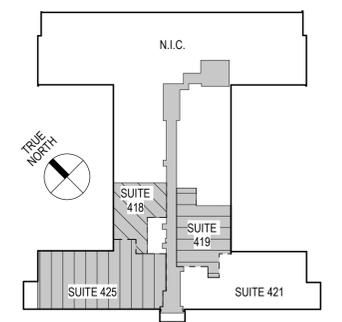
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**FOURTH FLOOR**  
**DEMOLITION PLAN -  
SOUTH - FIRE  
PROTECTION**

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**F1.0**



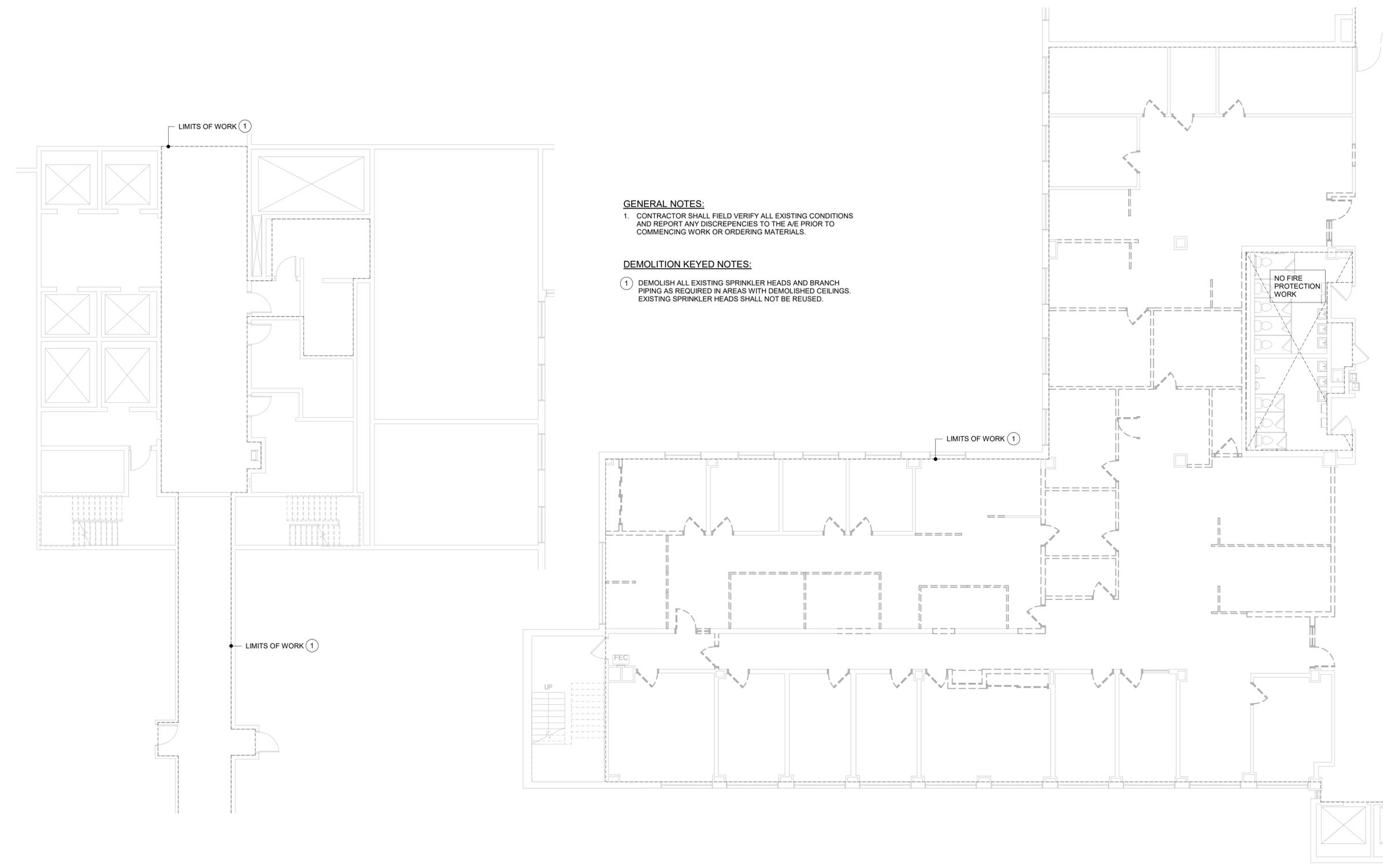
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**FOURTH FLOOR**  
**DEMOLITION PLAN -**  
**NORTH - FIRE**  
**PROTECTION**

**F1.1**



② **DEMOLITION PLAN - NORTH - FIRE PROTECTION**  
SCALE: 1/8" = 1'-0"

① **DEMOLITION PLAN - NORTH - FIRE PROTECTION**  
SCALE: 1/8" = 1'-0"

**JDR**  
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PH: 608.277.1728 FAX: 608.271.7046  
JDR PROJECT NO. 19.0207



1 FLOOR PLAN - SOUTH - FIRE PROTECTION  
 F2.0 SCALE: 1/8" = 1'-0"

**GENERAL NOTES:**

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK OR ORDERING MATERIALS.

**KEYED NOTES:**

- PROVIDE NEW SPRINKLER HEADS AND BRANCH PIPING AS REQUIRED IN AREAS WITH NEW CEILINGS.



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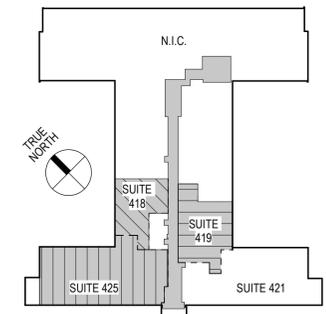
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**DANE COUNTY**  
 DEPARTMENT OF  
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 & TRANSPORTATION

1919 Alliant Energy Center Way  
 Madison, Wisconsin 53713

**CITY-COUNTY**  
 BUILDING 4TH  
 FLOOR REMODEL,  
 SUITES 418, 419 &  
 425

210 MARTIN LUTHER KING JR BLVD  
 MADISON, WI 53703



DATE OF ISSUE: 10/28/19

REVISIONS:	

PROJECT # 19007  
 DCPW RFB # 319034

**FOURTH FLOOR**  
 NEW WORK PLAN -  
 SOUTH - FIRE  
 PROTECTION

**F2.0**

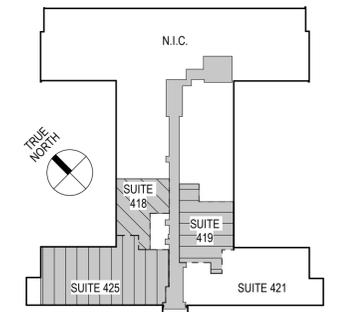
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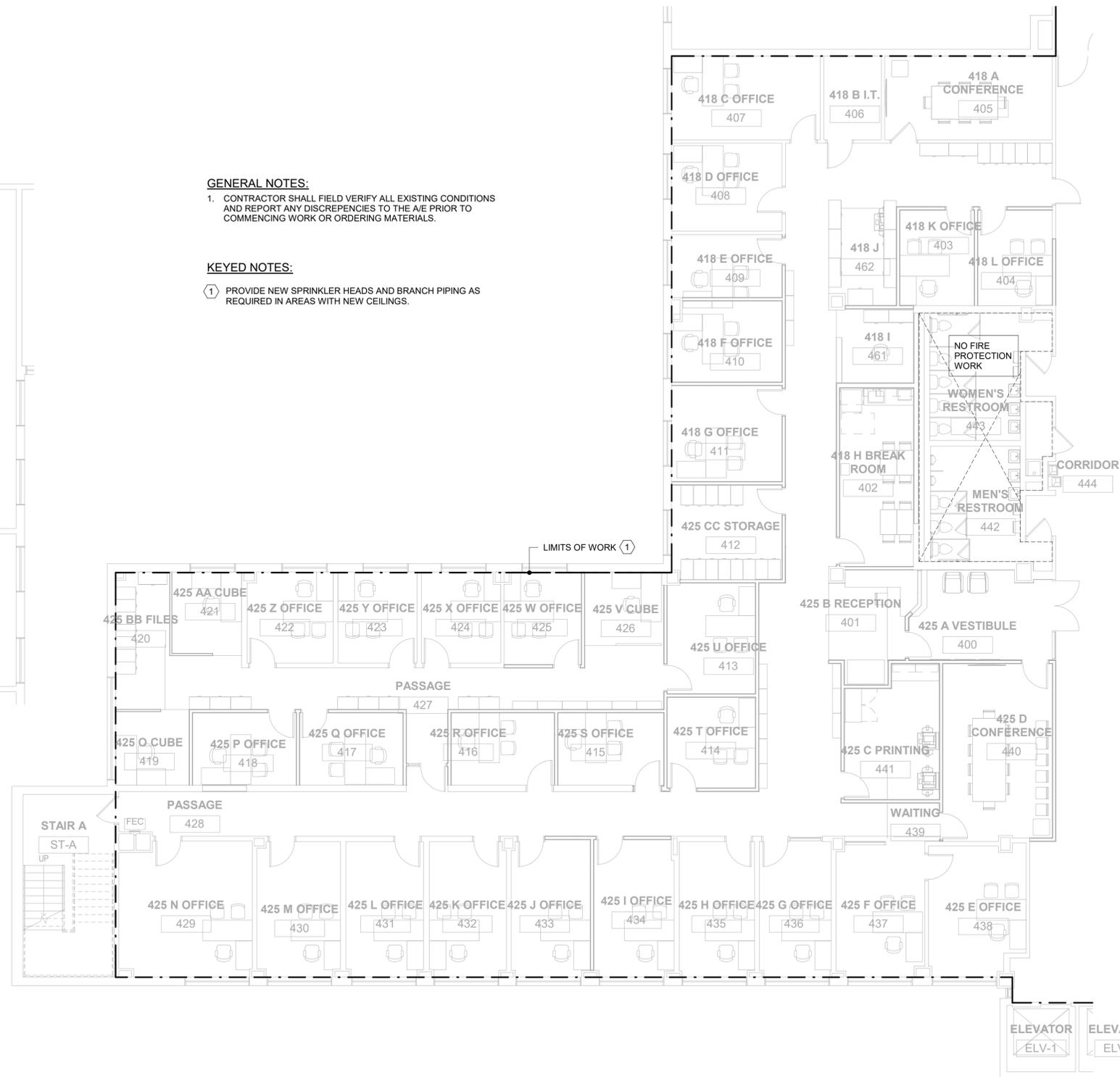
PROJECT # 19007  
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**FOURTH FLOOR**

**NEW WORK PLAN -  
NORTH - FIRE  
PROTECTION**

**F2.1**

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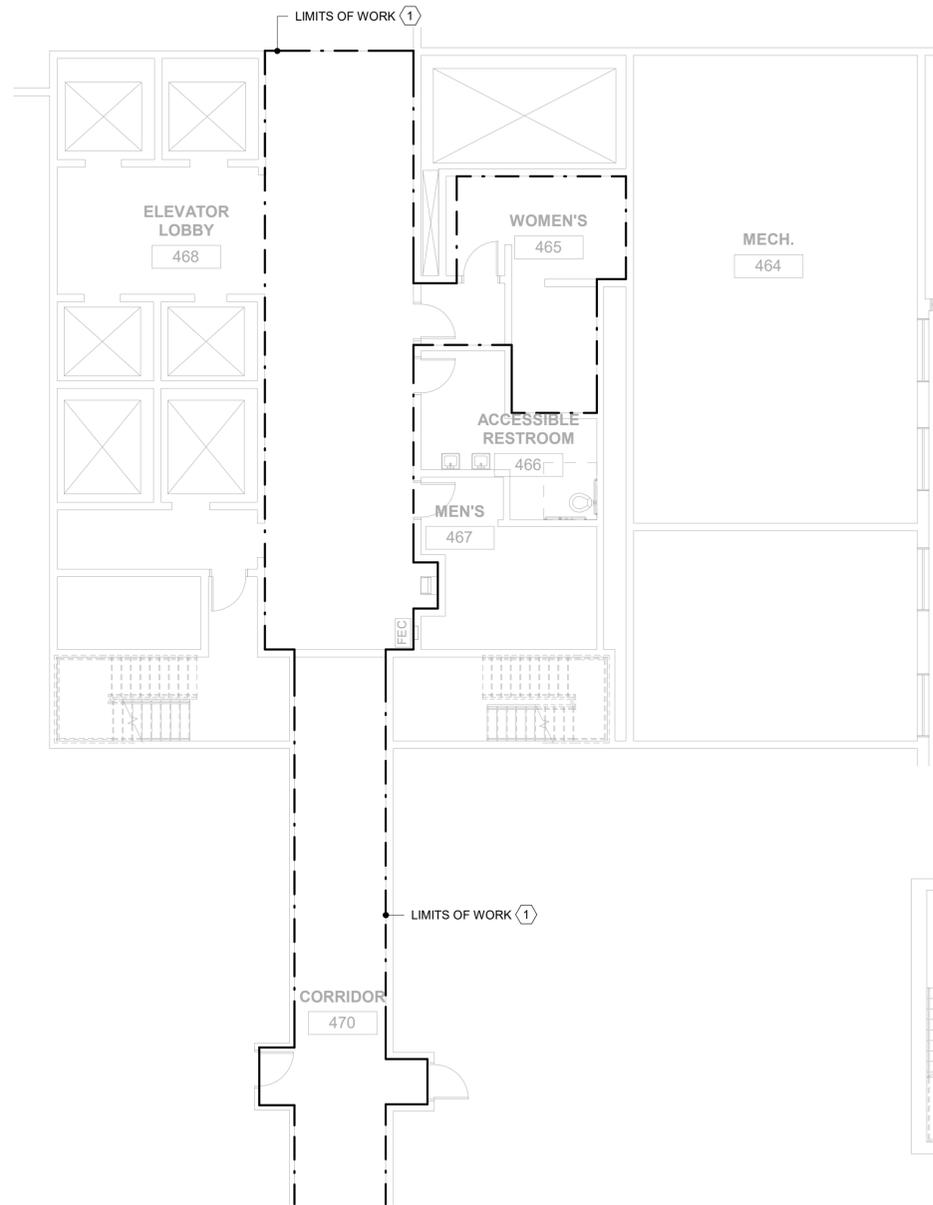


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**KEYED NOTES:**

- PROVIDE NEW SPRINKLER HEADS AND BRANCH PIPING AS REQUIRED IN AREAS WITH NEW CEILINGS.



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

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

**ABBREVIATIONS**

ACC	AIR COOLED CONDENSER	EJ	EXPANSION JOINT	NC	NOISE CRITERIA
ACCU	AIR COOLED CONDENSING UNIT	EL	ELEVATION	NC	NORMALLY CLOSED
ACU	AIR CONDITIONING UNIT	ELEC	ELECTRICAL	NIC	NOT IN CONTRACT
AD	ACCESS DOOR	EQUIP	EQUIPMENT	NO	NORMALLY OPEN
ADJ	ADJUSTABLE	ETR	EXISTING TO REMAIN	NPLV	NOMINAL PART LOAD VALUE
AE	ARCHITECT/ENGINEER	EW	ELECTRIC WALL HEATER	NTS	NOT TO SCALE
AF	AIR FOIL	EWH	ELECTRIC WALL HEATER	O	OXYGEN
AFF	ABOVE FINISHED FLOOR	EWT	ENTERING WATER TEMPERATURE	OA	OUTDOOR AIR
AFMS	AIR FLOW MEASURING STATION	EXH	EXHAUST	OAT	OUTDOOR AIR TEMPERATURE
AHU	AIR HANDLING UNIT	EXT	EXTERIOR OR EXTERNAL	OC	ON CENTER
AL	ALUMINUM	°F	DEGREES FAHRENHEIT	OPD	OPPOSED BLADE DAMPER
AMP	AMPERE	FA	FREE AREA	P	PUMP
AP	ACCESS PANE	FC	FORWARD CURVED	PC	PLUMBING CONTRACTOR
APD	AIR PRESSURE DROP	FD	FLOOR DRAIN OR FIRE DAMPER	PD	PUMP DISCHARGE
ASC	ABOVE SUSPENDED CEILING	FFA	FROM FLOOR ABOVE	PLBG	PLUMBING
AUTO	AUTOMATIC	FFB	FROM FLOOR BELOW	POC	POINT OF CONNECTION
B	BOILER	FILL	FILL LINE	PRELIM	PRELIMINARY
BB	BASEBOARD	FLA	FULL LOAD AMPS	PRESS	PRESSURE
BC	BOOSTER COIL	FLEX	FLEXIBLE	PRV	PRESSURE REDUCING VALVE
BDD	BACK DRAFT DAMPER	FPC	FIRE PROTECTION CONTRACTOR	PS	PRESSURE SWITCH
BFP	BACKFLOW PREVENTER	FFM	FEET PER MINUTE	PSI	POUNDS PER SQUARE INCH
BHP	BRAKE HORSEPOWER	FS	FLOW SWITCH	R	REFRIGERANT
BI	BACKWARD INCLINED	FT	FOOT OR FEET	RA	RETURN AIR
BLDG	BUILDING	G	GAS	RCP	RADIANT CEILING PANEL
BOD	BOTTOM OF DUCT	GA	GAUGE	RD	ROOF DRAIN
BOP	BOTTOM OF PIPE	GAL	GALLON	REQD	REQUIRED
BOS	BOTTOM OF STRUCTURE	GALV	GALVANIZED	RF	RETURN FAN
BRG	BEARING	GC	GENERAL CONTRACTOR	RG	RETURN GRILLE
BSMT	BASEMENT	GPM	GALLONS PER MINUTE	RH	RELIEF HOOD
BTU	BRITISH THERMAL UNIT	GV	GAS VENT	RHG	REFRIGERANT HOT GAS
C	CONVECTOR	HC	HEATING CONTRACTOR	RL	REFRIGERANT LIQUID
CAB	CABINET	HD	HUB DRAIN	RPM	REVOLUTIONS PER MINUTE
CCC	COOLING COIL CONDENSATE	HDT	HORIZONTAL DRAW THRU	RS	REFRIGERANT SUCTION
CD	CEILING DIFFUSER	HG	HORIZONTAL	RTU	ROOF TOP UNIT
CF	CEILING (DESTRATIFICATION) FAN	HGT	HEIGHT	S	SUPPLY
CFM	CUBIC FEET PER MINUTE	HP	HORSEPOWER	SA	SUPPLY AIR
CI	CAST IRON OR CUBIC INCH	HR	HOUR	SD	SLOT DIFFUSER
CL	CENTERLINE	HRU	HEAT RECOVERY UNIT	SEER	SEASONAL ENERGY EFFICIENCY RATIO
CLG	CEILING	HVAC	HEATING VENTILATING AND AIR CONDITIONING	SF	SUPPLY FAN
CNU	CONCRETE MASONRY UNIT	HW	HOT WATER	SG	SUPPLY GRILLE
COMB	COMBINATION OR COMBUSTION	HWR	HOT WATER RETURN	SM	SHEET METAL
CONC	CONCRETE	HWS	HOT WATER SUPPLY	SQ.FT	SQUARE FEET
COND	CONDENSATE	HWY	HIGHWAY	SRV	SAFETY RELIEF VALVE
CONTR	CONTRACTOR	HX	HEAT EXCHANGER	SS	STAINLESS STEEL
COP	COEFFICIENT OF PERFORMANCE	HZ	HERTZ	SWD	SINGLE WALL DUCTWORK
CRU	COMPUTER ROOM UNIT	IH	INTAKE HOOD	SWSI	SINGLE WIDTH SINGLE INLET
CU	COPPER	IFBP	INTERNAL FACE & BYPASS	T	THERMOSTAT/TEMPERATURE SENSOR
CUH	CABINET UNIT HEATER	IN	INCH	TA	THROWAWAY
D	DRAIN	INV	INVERT	TCAC	TEMPERATURE CONTROL AIR COMPRESSOR
DB	DRY BULB	IPLV	INTEGRATED PART LOAD VALUE	TC	TEMPERATURE CONTROL CONTRACTOR
DCO	DOOR CUTOFF BY GC	KW	KILOWATT	TCP	TEMPERATURE CONTROL PANEL
DDC	DIRECT DIGITAL CONTROL	LAT	LEAVING AIR TEMPERATURE	TCV	TEMPERATURE CONTROL VALVE
DEPT	DEPARTMENT	LBS	POUNDS	TEMP	TEMPORARY
DC	DOOR GRILLE BY GC	LBS	POUNDS	TF	TRANSFER FAN
DIA	DIAMETER	LD	LINEAR DIFFUSER	TFA	TO FLOOR ABOVE
DN	DOWN	LWT	LEAVING WATER TEMPERATURE	TG	TRANSFER GRILLE
DSA	DUCT SOUND ATTENUATOR	M	MOTOR OPERATED DAMPER	TO	TEST OPENINGS
DWD	DUAL WALL DUCTWORK	MAT	MIXED AIR TEMPERATURE	TS	TIP SPEED
DWDI	DOUBLE WIDTH DOUBLE INLET	MA	MIXED AIR	TYP	TYPICAL
DWG	DRAWING	MAU	MAKE-UP AIR UNIT	V	VENT
E	EXISTING	MAX	MAXIMUM	VAC	VACUUM
EAT	ENTERING AIR TEMPERATURE	MBH	1000 BRITISH THERMAL UNITS/HOUR	VAV	VARIABLE AIR VOLUME
EC	ELECTRICAL CONTRACTOR	MCA	MINIMUM CIRCUIT AMPS	VB	VACUUM BREAKER
EF	EXHAUST FAN	MCC	MOTOR CONTROL CENTER	VD	VOLUME DAMPER
EER	ENERGY EFFICIENCY RATIO	MECH	MECHANICAL	VDT	VERTICAL DRAW THRU
EFBP	EXTERNAL FACE & BYPASS	MFSE	MAXIMUM FUSE SIZE	VEL	VELOCITY
EG	EXHAUST GRILLE	MIN	MINIMUM	VERT	VERTICAL
		MOC	MAXIMUM OVERCURRENT PROTECTION	VFD	VARIABLE FREQUENCY DRIVE
		MTD	MOUNTED	VSC	VARIABLE SPEED CONTROL
		MUA	MAKE-UP AIR UNIT	W TO W	WALL TO WALL
				WB	WET BULB
				WC	WATER COLUMN
				WF	WALL FIN
				WP	WEATHER PROOF
				WPD	WATER PRESSURE DROP

NOISE CRITERIA	PIPING SYSTEMS
NORMALLY CLOSED	GENERAL SHUTOFF VALVE
NOT IN CONTRACT	SEE SPECIFICATIONS FOR TYPE
NORMALLY OPEN	
NOMINAL PART LOAD VALUE	BALL VALVE
NOT TO SCALE	
OXYGEN	GAUGE VALVE
OUTDOOR AIR	BUTTERFLY VALVE
OUTDOOR AIR TEMPERATURE	GATE VALVE
ON CENTER	GATE, ANGLE VALVE
OPPOSED BLADE DAMPER	GLOBE VALVE
	GLOBE, ANGLE VALVE
	PLUG VALVE (GAS)
	CALIBRATED BALANCE/SHUTOFF VALVE (FLOW MEASURING)
	OS & Y GATE VALVE
	OS & Y GLOBE VALVE
	2-WAY TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)
	3-WAY TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)
	CHECK VALVE
	DRAIN VALVE (W/ HOSE CONNECTION & BRASS CAP)
	LOCK SHIELD VALVE
	NEEDLE VALVE
	PRESSURE REDUCING VALVE
	RELIEF (R) OR SAFETY (S) VALVE
	SOLENOID VALVE
	TRIPLE DUTY VALVE
	BLIND FLANGE
	CAP
	CONNECTION, BOTTOM
	CONNECTION, TOP
	ELBOW, TURNED UP
	ELBOW, TURNED DOWN
	REDUCER, CONCENTRIC
	REDUCER, ECCENTRIC - STRAIGHT INVERT
	REDUCER, ECCENTRIC - STRAIGHT CROWN

REFRIGERANT	TEMPERATURE CONTROL AIR COMPRESSOR
RETURN AIR	TEMPERATURE CONTROL CONTRACTOR
RADIANT CEILING PANEL	TEMPERATURE CONTROL PANEL
ROOF DRAIN	TEMPERATURE CONTROL VALVE
REQUIRED	TEMPORARY
RETURN FAN	TRANSFER FAN
RETURN GRILLE	TO FLOOR ABOVE
RELIEF HOOD	TO FLOOR BELOW
REFRIGERANT HOT GAS	TRANSFER GRILLE
REFRIGERANT LIQUID	TEST OPENINGS
REVOLUTIONS PER MINUTE	TIP SPEED
REFRIGERANT SUCTION	TYPICAL
ROOF TOP UNIT	VENT
	VACUUM
	VARIABLE AIR VOLUME
	VACUUM BREAKER
	VOLUME DAMPER
	VERTICAL DRAW THRU
	VELOCITY
	VERTICAL
	VARIABLE FREQUENCY DRIVE
	VARIABLE SPEED CONTROL
	WALL TO WALL
	WET BULB
	WATER COLUMN
	WALL FIN
	WEATHER PROOF
	WATER PRESSURE DROP

TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	TEMPERATURE SENSOR
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	TEMPERATURE SENSOR WITH SECURITY COVER
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	HUMIDISTAT OR HUMIDITY SENSOR
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	HUMIDISTAT OR HUMIDITY SENSOR WITH SECURITY COVER
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	MOTOR STARTER
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	SPEED CONTROLLER
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	START/STOP SWITCH
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	CARBON DIOXIDE SENSOR
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	EXISTING TO REMAIN (DUCTWORK, PIPING, & EQUIPMENT)
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	EXISTING TO BE REMOVED (DUCTWORK, PIPING, & EQUIPMENT)
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	NEW DUCTWORK/PIPING
TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)	NEW EQUIPMENT

**DUCTWORK SYSTEMS**

DUCT SIZE, (FIRST FIGURE IS SIDE SHOWN)	SMOKE DAMPER
ROUND DUCT	FIRE DAMPER
OVAL DUCT	COMBINATION FIRE/SMOKE DAMPER
AXIAL FLOW FAN	STANDARD BRANCH, SUPPLY, RETURN, OR EXHAUST, NO SPLITTER
CHANGE OF ELEVATION IN DIRECTION OF AIR FLOW	ROOF VENTILATOR OR HOOD ON ROOF ABOVE
ACCESS DOOR, VERTICAL OR HORIZONTAL	ROOF VENTILATOR OR HOOD ON ROOF
ACOUSTICAL DUCT LINER	DUCT CAP
DUCT LAGGING	END OF DUCT
FLEXIBLE CONNECTION	POSITIVE PRESSURE DUCT SECTION
DUCT SOUND ATTENUATOR	POSITIVE PRESSURE DUCT (DOWN OR AWAY)
DUCT TRANSITION (DOUBLE LINE)	NEGATIVE PRESSURE DUCT SECTION
DUCT TRANSITION (RECT. TO ROUND)	NEGATIVE PRESSURE DUCT (DOWN OR AWAY)
DUCT TRANSITION (SINGLE LINE)	FLEXIBLE DUCT DIFFUSER CONNECTION
HIDDEN DUCTWORK	SIDEWALL AIR DEVICE
BACK DRAFT DAMPER	EXHAUST, RETURN, OR TRANSFER AIR DEVICE
DUCT HEATER, ELECTRIC	SUPPLY AIR DEVICE
MOTOR OPERATED DAMPER	LINEAR OR SLOT AIR DEVICE
MANUAL VOLUME DAMPER	TRANSFER GRILLE ASSEMBLY
SMOKE DETECTOR	

SMOKE DAMPER	LOUVER AND BIRD SCREEN
FIRE DAMPER	DOOR GRILLE
COMBINATION FIRE/SMOKE DAMPER	3/4" DOOR CUTOFF (UNDERCUT) BY GC
STANDARD BRANCH, SUPPLY, RETURN, OR EXHAUST, NO SPLITTER	ELBOW WITH TURNING VANES
ROOF VENTILATOR OR HOOD ON ROOF ABOVE	TERMINAL UNIT, MIXING
ROOF VENTILATOR OR HOOD ON ROOF	TERMINAL UNIT, VARIABLE VOLUME WITH REHEAT
DUCT CAP	TERMINAL UNIT, VARIABLE VOLUME WITH REHEAT
END OF DUCT	TERMINAL UNIT, VARIABLE VOLUME
POSITIVE PRESSURE DUCT SECTION	BOOSTER COIL
POSITIVE PRESSURE DUCT (DOWN OR AWAY)	UNIT HEATER
NEGATIVE PRESSURE DUCT SECTION	CENTRIFUGAL FAN
NEGATIVE PRESSURE DUCT (DOWN OR AWAY)	PROPELLER FAN
FLEXIBLE DUCT DIFFUSER CONNECTION	AIR FLOW
SIDEWALL AIR DEVICE	POINT OF NEW CONNECTION (PIPE OR DUCT)
EXHAUST, RETURN, OR TRANSFER AIR DEVICE	SQUARE FEET
SUPPLY AIR DEVICE	ELEVATION SYMBOL
LINEAR OR SLOT AIR DEVICE	MAXIMUM SECURITY BARS
TRANSFER GRILLE ASSEMBLY	MEDIUM SECURITY BARS

**GENERAL SYMBOLS**

(T)	THERMOSTAT OR TEMPERATURE SENSOR
(T)	THERMOSTAT OR TEMPERATURE SENSOR WITH SECURITY COVER
(H)	HUMIDISTAT OR HUMIDITY SENSOR
(H)	HUMIDISTAT OR HUMIDITY SENSOR WITH SECURITY COVER
M	MOTOR STARTER
(S)	SPEED CONTROLLER
\$	START/STOP SWITCH
CO2	CARBON DIOXIDE SENSOR
---	EXISTING TO REMAIN (DUCTWORK, PIPING, & EQUIPMENT)
---	EXISTING TO BE REMOVED (DUCTWORK, PIPING, & EQUIPMENT)
---	NEW DUCTWORK/PIPING
---	NEW EQUIPMENT

PLENUM NOTE:  
RETURN AIR CEILING PLENUMS ARE UTILIZED ON THIS PROJECT THROUGHOUT. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL ASCERTAIN THAT ALL ROOMS TO WHICH AIR IS SUPPLIED, HAVE RETURN AIR PATHS BACK TO AND THRU THE CEILING PLENUM. ANY SPACES OBSERVED WHICH DO NOT HAVE SUCH OPENINGS SHALL BE REPORTED TO A/E IMMEDIATELY FOR RESOLUTION. PIPING AND DUCTWORK SHALL BE INSTALLED IN SUCH A MANNER SO AS NOT TO BLOCK THE RETURN AIR PATH, RETURN AIR OPENINGS TO SHAFTS & INTAKE DUCTWORK. ALL MATERIALS IN PLENUMS SHALL BE PLENUM RATED NON-COMBUSTIBLE MATERIALS.

**HVAC SHEET INDEX**

M0.0	SYMBOLS AND ABBREVIATIONS - HVAC
M1.0	DEMOLITION PLAN - SOUTH - HVAC DUCT
M1.1	DEMOLITION PLAN - NORTH - HVAC DUCT
M1.2	DEMOLITION PLAN - SOUTH - HVAC PIPE
M1.3	DEMOLITION PLAN - NORTH - HVAC PIPE
M2.0	NEW WORK PLAN - SOUTH - HVAC DUCT
M2.1	NEW WORK PLAN - NORTH - HVAC DUCT
M2.2	NEW WORK PLAN - SOUTH - HVAC PIPE
M2.3	NEW WORK PLAN - NORTH - HVAC PIPE
M2.4	NEW WORK PLAN - EAST - HVAC PIPE
M8.0	SCHEDULES - HVAC
M9.0	DETAILS - HVAC

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**FOURTH FLOOR**

**SYMBOLS AND ABBREVIATIONS - HVAC**

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**MO.0**

**CITY-COUNTY BUILDING 4TH FLOOR REMODEL, SUITES 418, 419 & 425**

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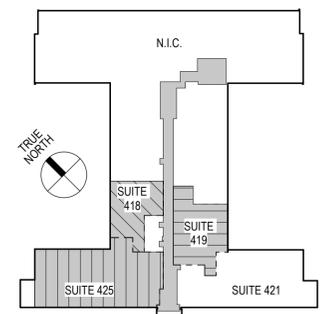
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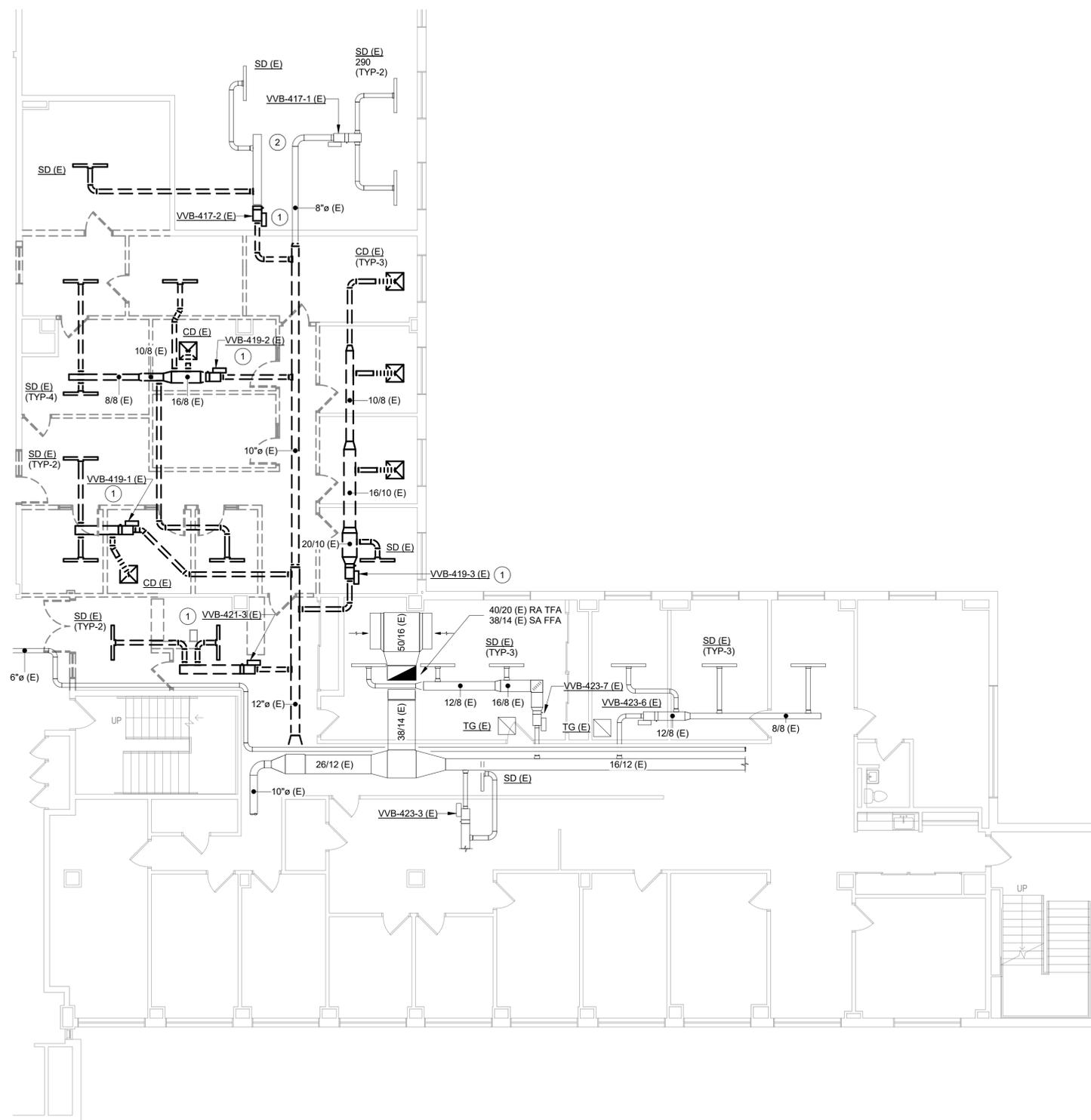
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- THE BUILDING IS TO REMAIN OCCUPIED DURING CONSTRUCTION AND THE AIR HANDLER SERVING THIS AREA WILL CONTINUE TO OPERATE. SUPPLY AND RETURN AIR DUCTWORK SHALL BE PROTECTED FROM THE ENTRANCE OF CONSTRUCTION DUST, DIRT, AND DEBRIS. INSTALL TEMPORARY MERV 7 FILTERS ON RETURN AIR OPENINGS DURING CONSTRUCTION. CHANGE FILTER WEEKLY. SEE ARCHITECTURAL PLANS FOR ANY PHASING SCHEDULES AND/OR AREAS. CLEAN SUPPLY AND RETURN DUCT AT PROJECT COMPLETION IN ACCORDANCE WITH SPECIFICATION SECTION 23 01 30.51.
- WHEN PNEUMATIC CONTROLS ARE INDICATED TO BE REMOVED, REMOVE ALL PNEUMATIC CONTROL TUBING BACK TO THE POINT REQUIRED TO BE ACTIVE AND CAP AIR TIGHT.
- PNEUMATIC TUBING LOCATED DIRECTLY IN CONCRETE FLOORS CAN BE ABANDONED IN PLACE, PROVIDED THAT THE TUBING IS REMOVED TO BELOW FLOOR LEVEL (SO THAT NEW FLOORING IS NOT AFFECTED) AND SEALED OR FILLED TIGHT.
- COORDINATE ALL INTERRUPTIONS WITH FACILITIES MANAGEMENT PRIOR TO STARTING WORK.
- ALL DUCTWORK, PIPING, EQUIPMENT, ETC. NOTED FOR DEMOLITION SHALL BE REMOVED COMPLETE.
- ALL EXISTING ABANDONED DUCTWORK, PIPING, EQUIPMENT, ETC IN THE CEILING SHALL BE REMOVED COMPLETE.
- PIPING NOTED FOR DEMOLITION SHALL BE REMOVED BACK TO THE POINT REQUIRED TO REMAIN ACTIVE AND CAPPED.
- ANY DUCTWORK CONNECTIONS NOT TO BE REUSED SHALL BE SHEETMETAL PATCHED, SEALED, AND INSULATED WITH COMPLETE VAPOR BARRIER.
- ALL EXISTING TO REMAIN GRILLES, REGISTERS, DIFFUSERS, CONVECTORS, ETC. SHALL BE PROTECTED DURING CONSTRUCTION.
- 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
- SEE DETAILS AND SCHEDULES FOR ADDITIONAL INFORMATION.

**KEYED NOTES (DEMOLITION):**

- DEMOLISH EXISTING PNEUMATIC VAV BOX.
- WORK IN THE ADJACENT CITY OCCUPIED SPACE SHALL BE DONE DURING NON-OCCUPIED BUILDING HOURS. (BEFORE 7AM AND AFTER 5PM M-F)



**1**  
M1.0 DEMOLITION PLAN - SOUTH - HVAC DUCT  
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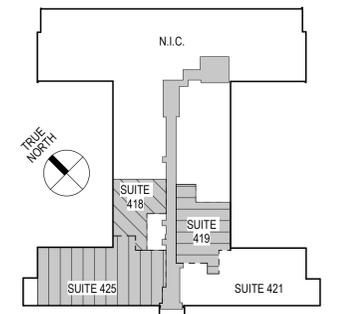
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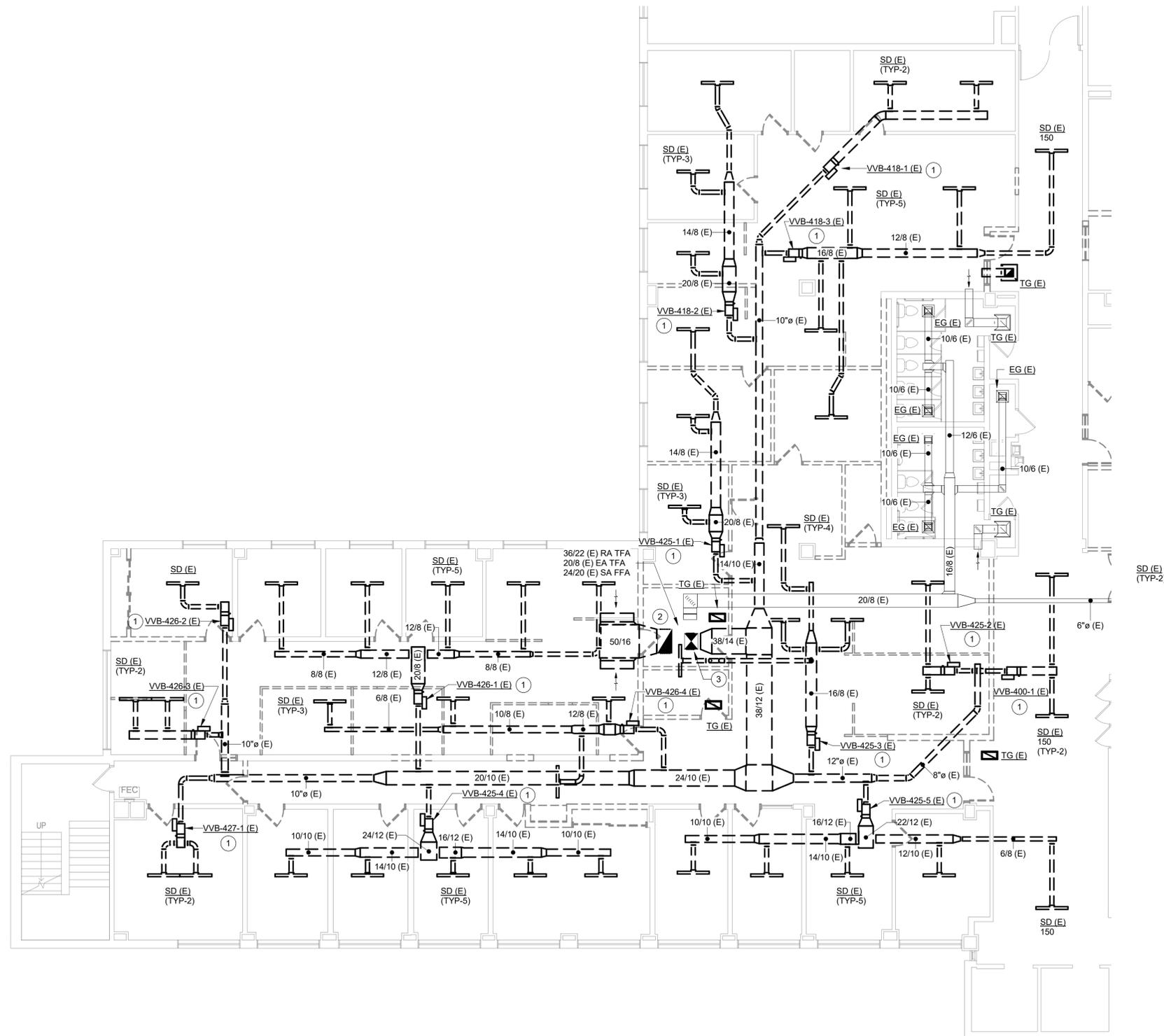
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**KEYED NOTES (DEMOLITION):**

- ① DEMOLISH EXISTING PNEUMATIC VAV BOX.
- ② DEMOLISH RETURN AIR DUCT BACK TO VERTICAL SHAFT
- ③ DEMOLISH SUPPLY AIR DUCT BACK TO VERTICAL SHAFT.



① DEMOLITION PLAN - NORTH - HVAC DUCT  
SCALE: 1/8" = 1'-0"

**JDR**  
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5525 NOBEL DRIVE  
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MADISON, WI 53711  
PH: 608.277.1728 FAX: 608.271.7046  
JDR PROJECT NO. 19.0207

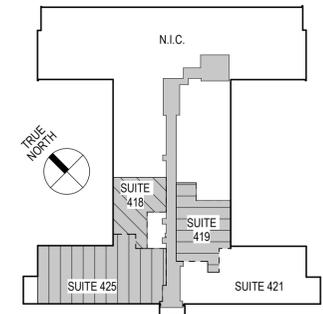
**DANE COUNTY**

**DEPARTMENT OF  
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210 MARTIN LUTHER KING JR BLVD  
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DATE OF ISSUE: 10/28/2019

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PROJECT # 19007  
DCPW RFB # 319034

**FOURTH FLOOR**

**DEMOLITION PLAN -  
SOUTH - HVAC PIPE**

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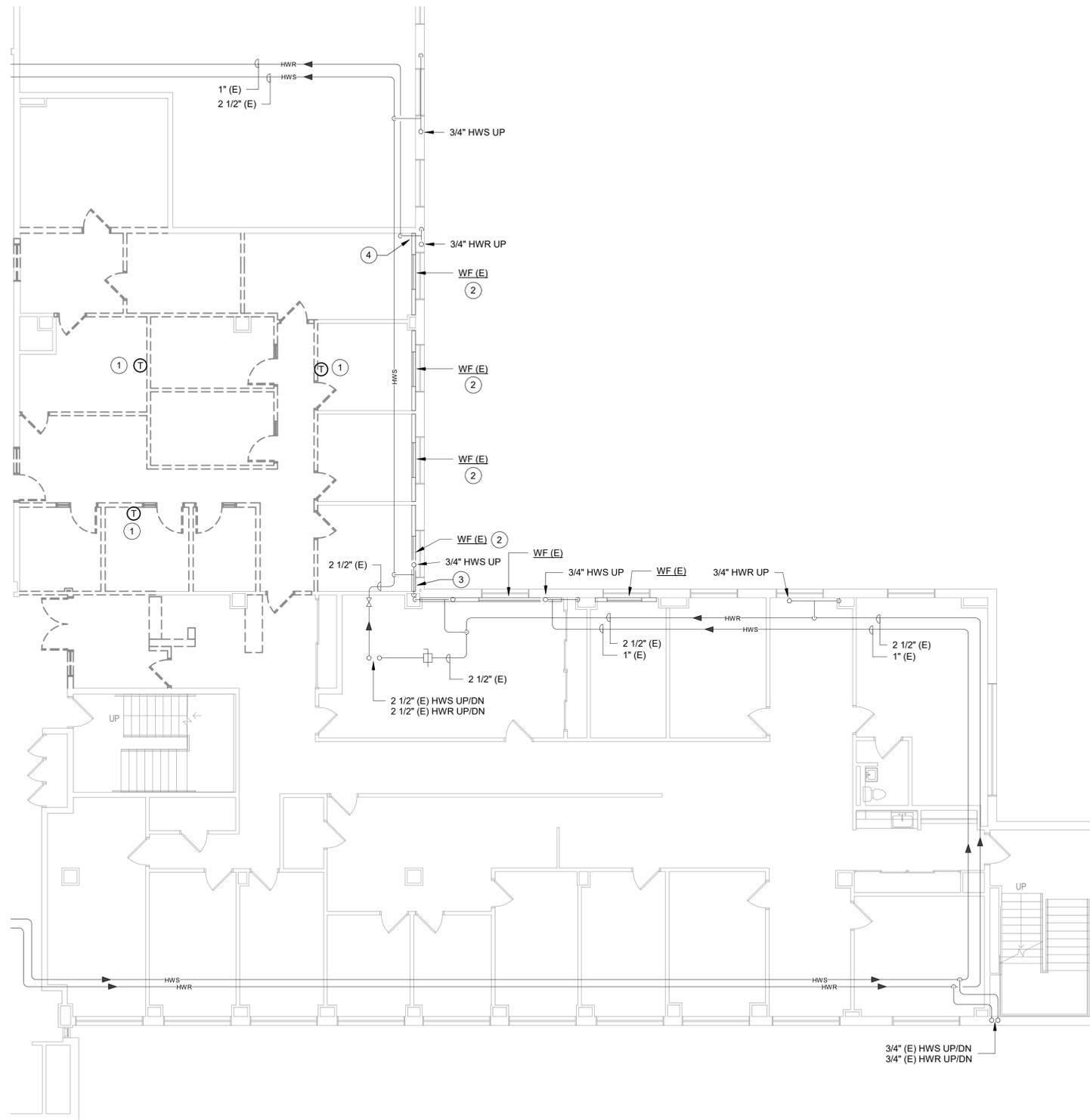
**M1.2**

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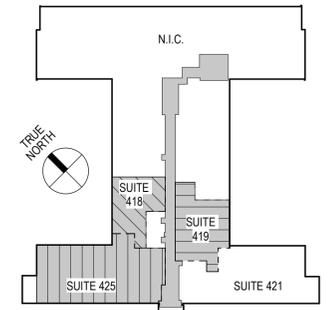
**1** DEMOLITION PLAN - SOUTH - HVAC PIPE  
M1.2 SCALE: 1/8" = 1'-0"

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**FOURTH FLOOR**  
**DEMOLITION PLAN -  
NORTH - HVAC PIPE**

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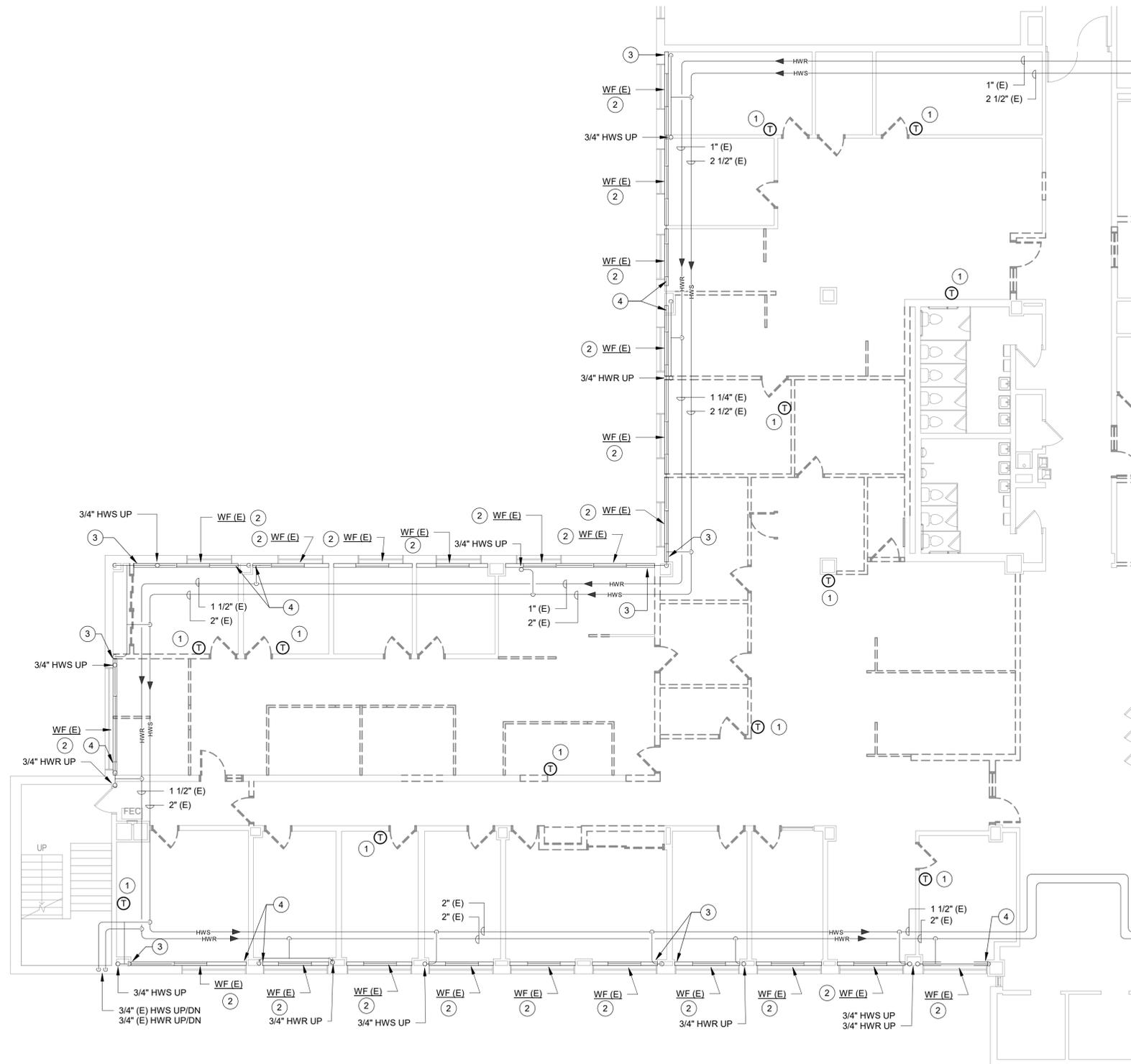
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**1**  
M1.3  
DEMOLITION PLAN - NORTH - HVAC PIPE  
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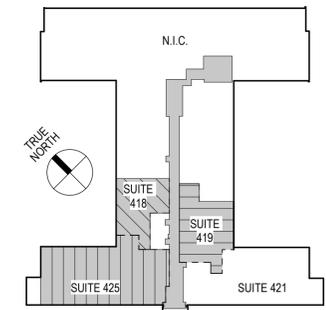
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**FOURTH FLOOR**

**NEW WORK PLAN -  
SOUTH - HVAC  
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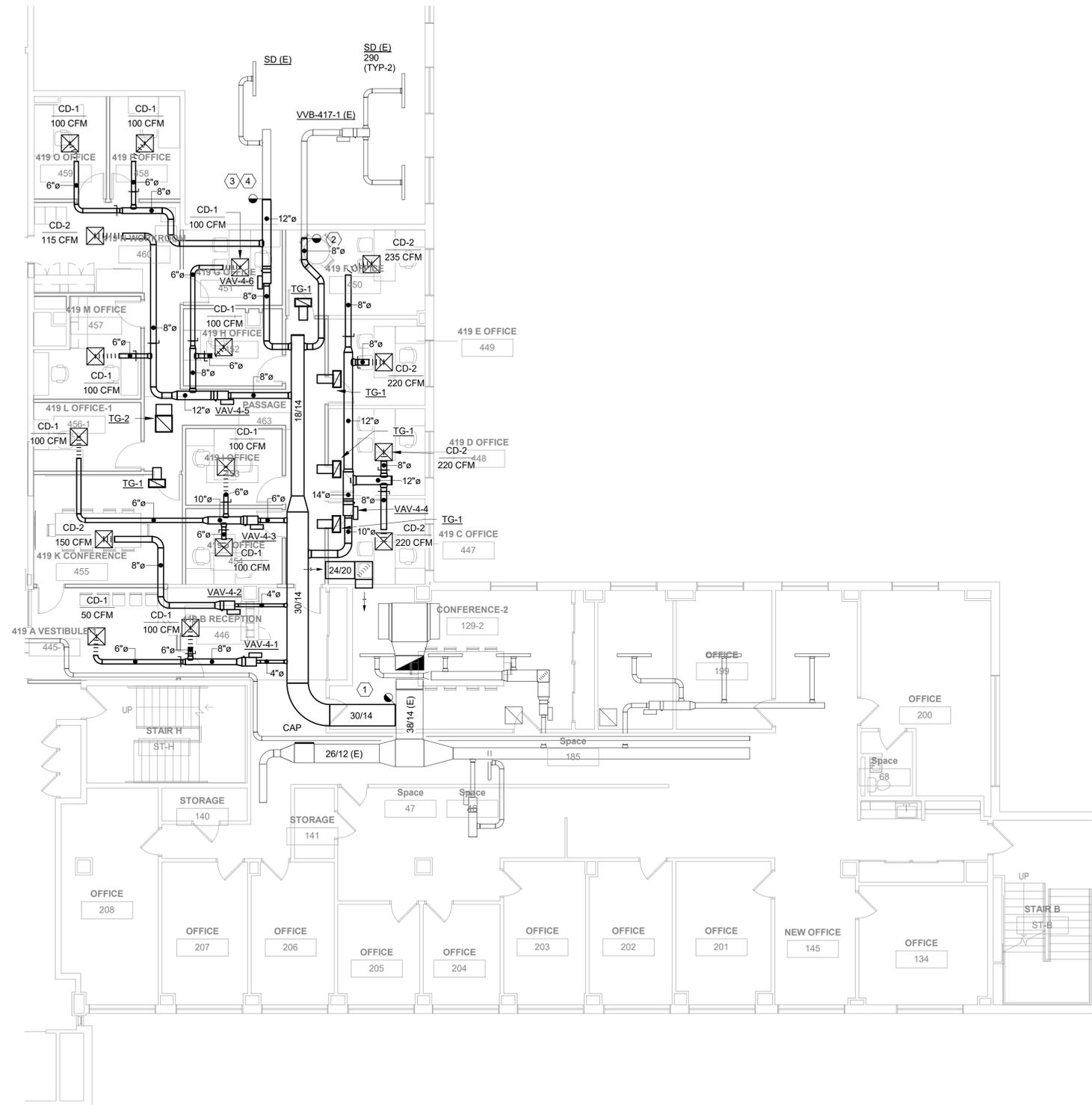
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- CONNECT NEW 30/14 SUPPLY DUCT TO EXISTING SUPPLY DUCT.
- CONNECT NEW 8"Ø SUPPLY DUCT TO EXISTING 8"Ø VAV INLET DUCT.
- CONNECT NEW 12"Ø SUPPLY DUCT TO EXISTING 12"Ø SUPPLY DUCT.
- WORK DONE IN THE ADJACENT CITY OCCUPIED SPACE SHALL BE DONE DURING NON-OCCUPIED BUILDING HOURS. (BEFORE 7AM AND AFTER 5PM M-F)



**1** NEW WORK PLAN - SOUTH - HVAC DUCT  
M2.0 SCALE: 1/8" = 1'-0"

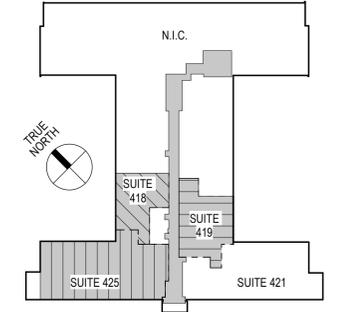
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**FOURTH FLOOR**

**NEW WORK PLAN -  
NORTH - HVAC  
DUCT**

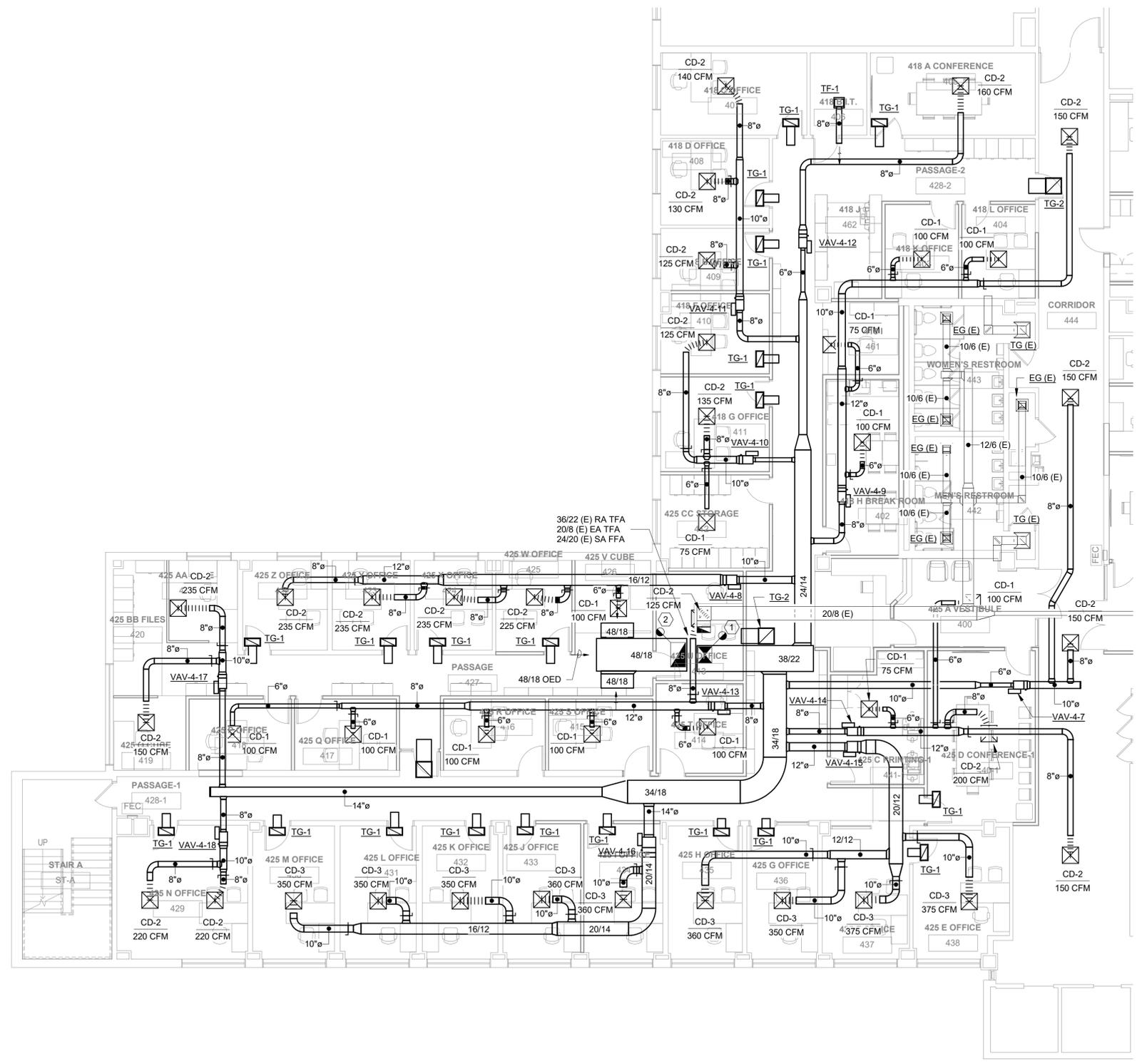
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KEYED NOTES (NEW WORK):

- CONNECT NEW 38/22 SUPPLY DUCT TO EXISTING 24/20 SA RISE.
- CONNECT NEW 48/18 RETURN DUCT TO EXISTING 36/22 RA RISE.



**1** NEW WORK PLAN - NORTH - HVAC DUCT  
M2.1 SCALE: 1/8" = 1'-0"

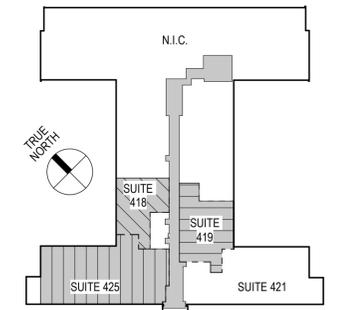
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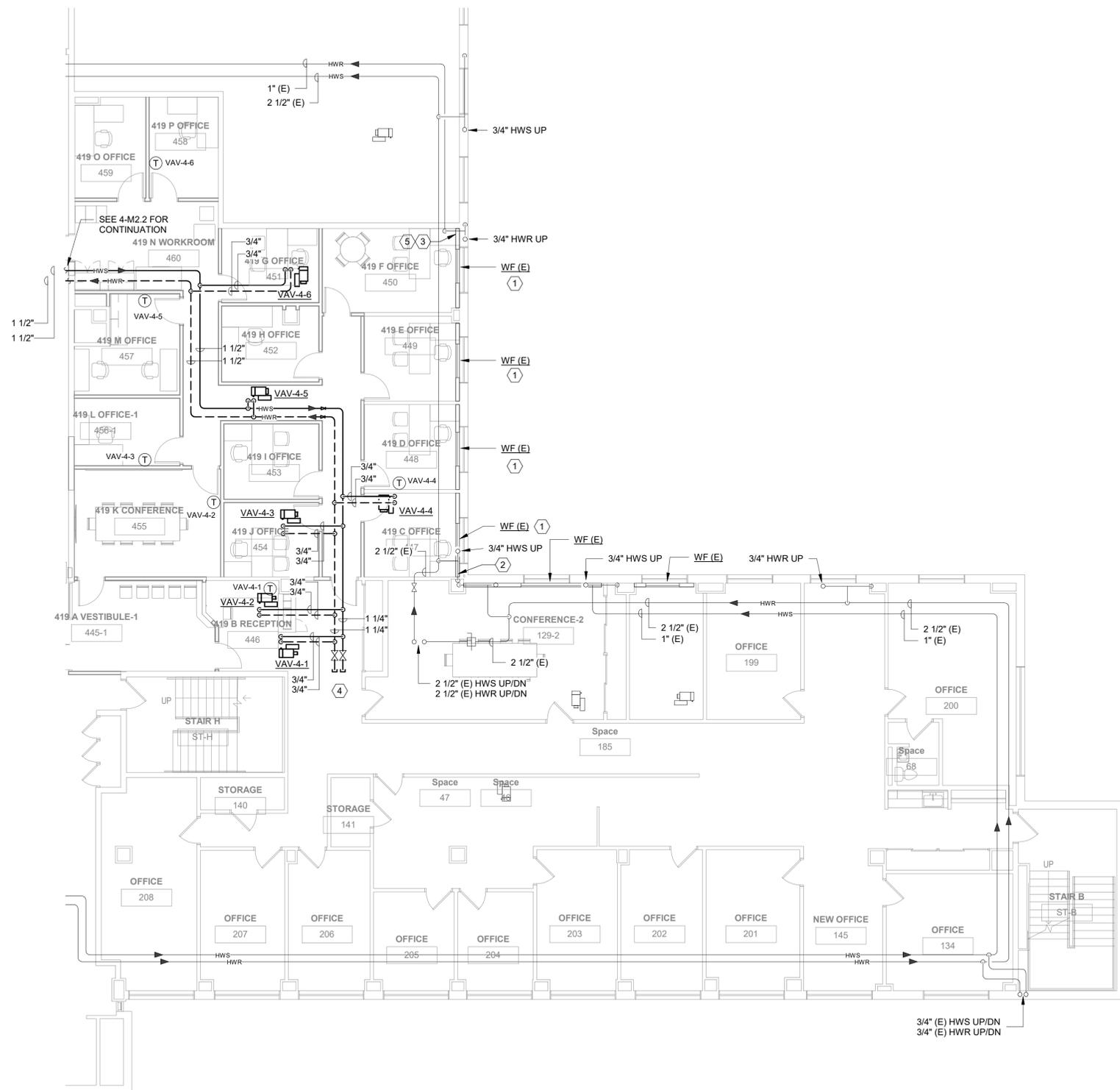
**FOURTH FLOOR**  
**NEW WORK PLAN -**  
**SOUTH - HVAC PIPE**

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**KEYED NOTES (NEW WORK):**

- PROVIDE NEW DDC 2-WAY TCV FOR WALL FIN RADIATION. PROVIDE NEW ISOLATION VALVES, BALANCE VALVES, AND AIR VENT. SEE DETAIL FOR ADDITIONAL NOTES. REINSTALL WALL FIN COVER.
- NEW DDC TCV LOCATION.
- NEW BALANCE VALVE LOCATION.
- CAP PIPE FOR FUTURE USE.
- REPLACE EXISTING 1" EXPANSION COMPENSATOR LOCATED IN WF CABINET.



**1**  
M2.2 NEW WORK PLAN - SOUTH - HVAC PIPE  
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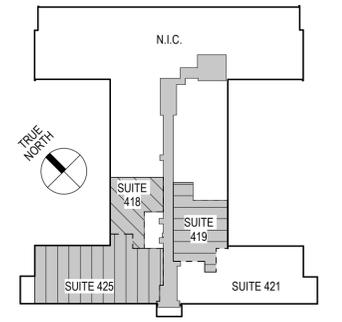
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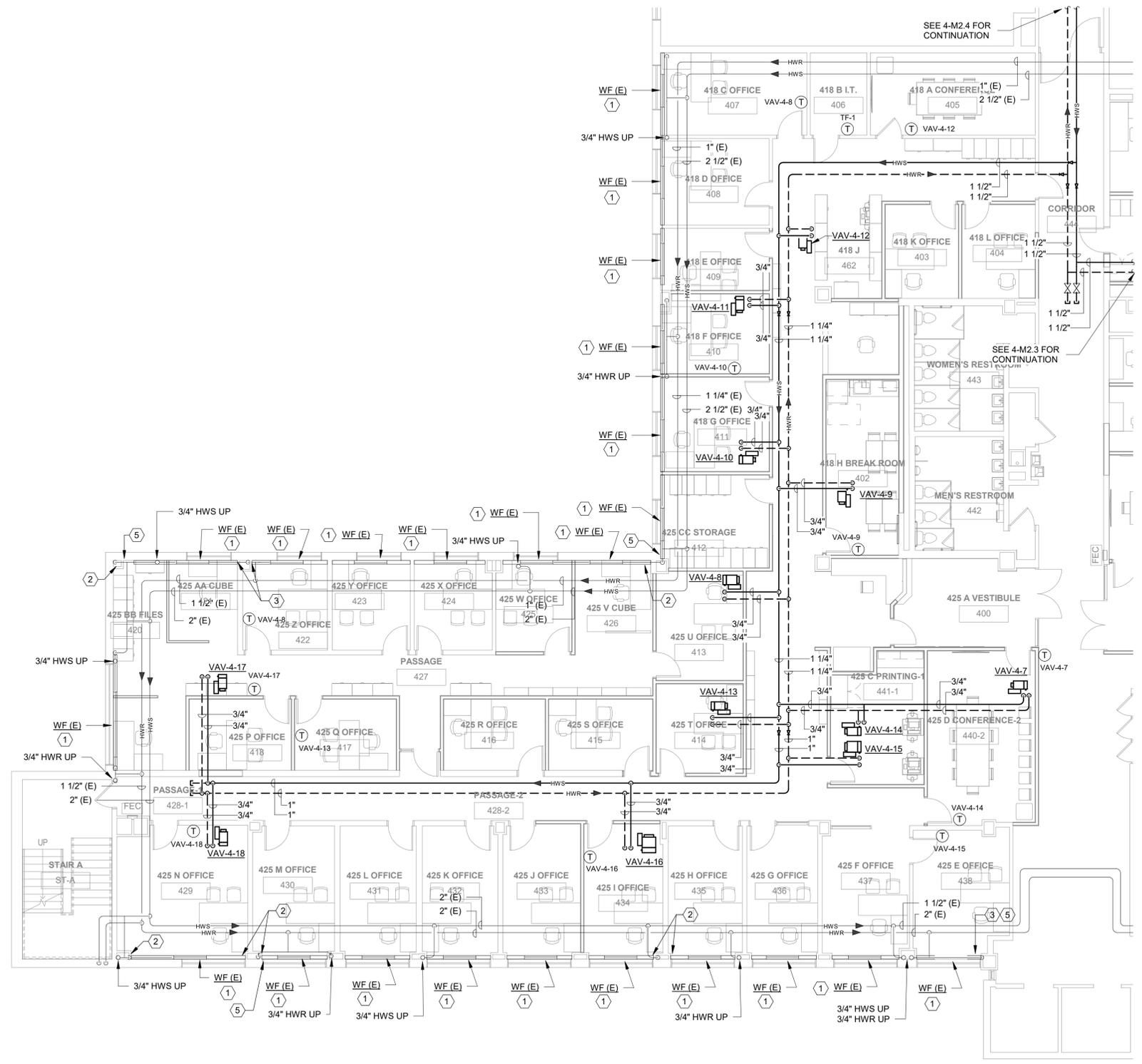
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**FOURTH FLOOR**  
**NEW WORK PLAN -**  
**NORTH - HVAC PIPE**

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  - COORDINATE ALL INTERRUPTIONS WITH FACILITIES MANAGEMENT PRIOR TO STARTING WORK.
  - ALL DUCTWORK, PIPING, EQUIPMENT, ETC. NOTED FOR DEMOLITION SHALL BE REMOVED COMPLETE.
  - ALL EXISTING ABANDONED DUCTWORK, PIPING, EQUIPMENT, ETC IN THE CEILING SHALL BE REMOVED COMPLETE.
  - PIPING NOTED FOR DEMOLITION SHALL BE REMOVED BACK TO THE POINT REQUIRED TO REMAIN ACTIVE AND CAPPED.
  - ANY DUCTWORK CONNECTIONS NOT TO BE REUSED SHALL BE SHEETMETAL PATCHED, SEALED, AND INSULATED WITH COMPLETE VAPOR BARRIER.
  - ALL EXISTING TO REMAIN GRILLES, REGISTERS, DIFFUSERS, CONVECTORS, ETC. SHALL BE PROTECTED DURING CONSTRUCTION.
  - 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
  - SEE DETAILS AND SCHEDULES FOR ADDITIONAL INFORMATION.

- KEYED NOTES (NEW WORK):**
- PROVIDE NEW DDC 2-WAY TCV FOR WALL FIN RADIATION. PROVIDE NEW ISOLATION VALVES, BALANCE VALVES, AND AIR VENT. SEE DETAIL FOR ADDITIONAL NOTES. REINSTALL WALL FIN COVER.
  - NEW DDC TCV LOCATION.
  - NEW BALANCE VALVE LOCATION.
  - CAP PIPE FOR FUTURE USE.
  - REPLACE EXISTING 1" EXPANSION COMPENSATOR LOCATED IN WF ENCLOSURE.



**1** NEW WORK PLAN - NORTH - HVAC PIPE  
M2.3 SCALE: 1/8" = 1'-0"

**JDR**  
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JDR PROJECT NO. 19.0207

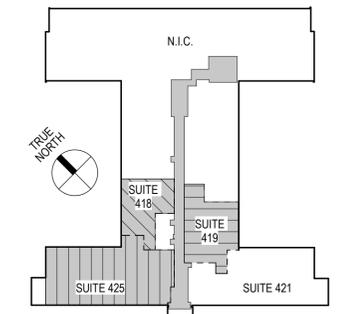
**M2.3**

**DANE COUNTY**  
DEPARTMENT OF  
PUBLIC WORKS, HIGHWAY  
& TRANSPORTATION

1919 Alliant Energy Center Way  
Madison, Wisconsin 53713

**CITY-COUNTY**  
BUILDING 4TH  
FLOOR REMODEL,  
SUITES 418, 419 &  
425

210 MARTIN LUTHER KING JR BLVD  
MADISON, WI 53703



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PROJECT # 19007  
DCPW RFB # 319034

**NEW WORK PLAN -  
EAST - HVAC PIPE**

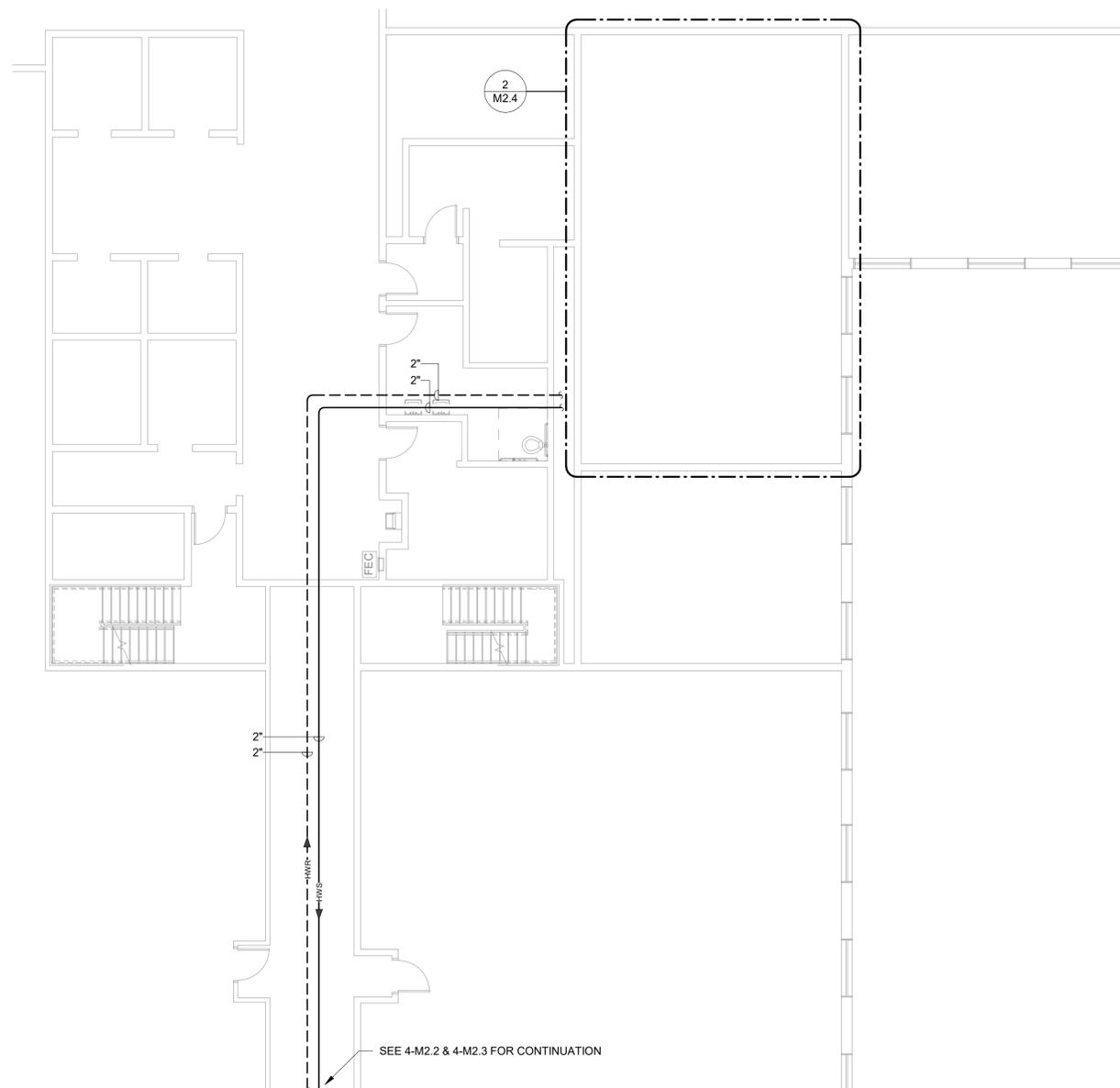
**M2.4**

**GENERAL NOTES:**

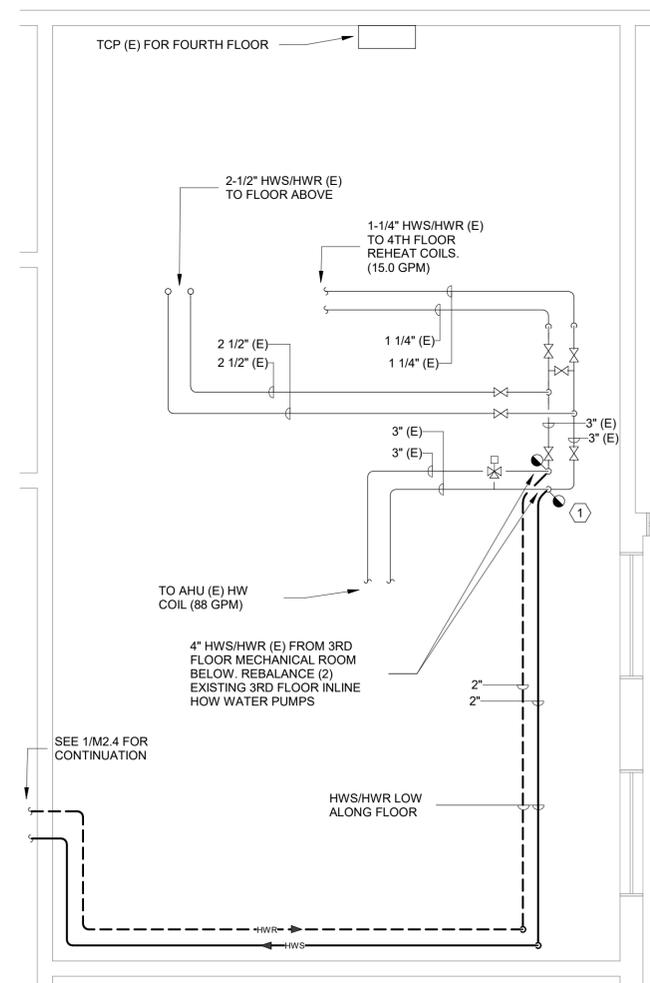
1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK, DUCT FABRICATION, OR EQUIPMENT RELEASE. REPORT ANY DISCREPANCIES TO THE A/E IMMEDIATELY.
2. THE BUILDING IS TO REMAIN OCCUPIED DURING CONSTRUCTION AND THE AIR HANDLER SERVING THIS AREA WILL CONTINUE TO OPERATE. SUPPLY AND 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 WEEKLY. SEE ARCHITECTURAL PLANS FOR ANY PHASING SCHEDULES AND/OR AREAS. CLEAN SUPPLY AND RETURN DUCT AT PROJECT COMPLETION IN ACCORDANCE WITH SPECIFICATION SECTION 23 01 30.51.
3. WHEN PNEUMATIC CONTROLS ARE INDICATED TO BE REMOVED, REMOVE ALL PNEUMATIC CONTROL TUBING BACK TO THE POINT REQUIRED TO BE ACTIVE AND CAP AIR TIGHT.
4. PNEUMATIC TUBING LOCATED DIRECTLY IN CONCRETE FLOORS CAN BE ABANDONED IN PLACE, PROVIDED THAT THE TUBING IS REMOVED TO BELOW FLOOR LEVEL (SO THAT NEW FLOORING IS NOT AFFECTED) AND SEALED OR FILLED TIGHT.
5. COORDINATE ALL INTERRUPTIONS WITH FACILITIES MANAGEMENT PRIOR TO STARTING WORK.
6. ALL DUCTWORK, PIPING, EQUIPMENT, ETC. NOTED FOR DEMOLITION SHALL BE REMOVED COMPLETE.
7. ALL EXISTING ABANDONED DUCTWORK, PIPING, EQUIPMENT, ETC IN THE CEILING SHALL BE REMOVED COMPLETE.
8. PIPING NOTED FOR DEMOLITION SHALL BE REMOVED BACK TO THE POINT REQUIRED TO REMAIN ACTIVE AND CAPPED.
9. ANY DUCTWORK CONNECTIONS NOT TO BE REUSED SHALL BE SHEETMETAL PATCHED, SEALED, AND INSULATED WITH COMPLETE VAPOR BARRIER.
10. ALL EXISTING TO REMAIN GRILLES, REGISTERS, DIFFUSERS, CONVECTORS, ETC. SHALL BE PROTECTED DURING CONSTRUCTION.
11. SEE REFLECTED CEILING PLANS FOR AREAS WHERE EXISTING CEILINGS WILL BE REMOVED BY THE GC AND NEW CEILING WILL BE INSTALLED (BY GC). THE HC IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL OTHER CEILING REQUIRED TO PERFORM HVAC WORK.
12. SEE DETAILS AND SCHEDULES FOR ADDITIONAL INFORMATION.

**KEYED NOTES (NEW WORK):**

- ① CONNECT NEW HWS/HWR PIPING TO EXISTING 4" HWS/HWR PIPING IN AT VERTICAL RISER. PROVIDE ISOLATION VALVES AT NEW CONNECTION.



① NEW WORK PLAN - EAST - HVAC PIPE  
SCALE: 1/8" = 1'-0"



② FOURTH FLOOR MECHANICAL ROOM - HVAC  
SCALE: 1/4" = 1'-0"

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JDR PROJECT NO. 19.0207

VAV TERMINAL UNIT WITH REHEAT SCHEDULE																			
UNIT NO.	VAV-4-1	VAV-4-2	VAV-4-3	VAV-4-4	VAV-4-5	VAV-4-6	VAV-4-7	VAV-4-8	VAV-4-9	VAV-4-10	VAV-4-11	VAV-4-12	VAV-4-13	VAV-4-14	VAV-4-15	VAV-4-16	VAV-4-17	VAV-4-18	
LOCATION	446	446	454	447	463	451	440	413	402	412	410	428	414	441	441	434	427	429	
INLET SIZE	4"	4"	6"	10"	8"	8"	6"	10"	8"	6"	8"	4"	8"	8"	12"	14"	8"	8"	
MAX AIR PD (WC)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
MIN. INLET SP (IN WG)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
AIR CFM (CFM)	MAXIMUM	150	150	300	895	415	550	300	1030	525	335	395	160	625	525	1460	1770	385	440
	MINIMUM	45	45	90	270	125	165	90	310	160	105	115	50	190	160	440	535	120	135
HOT WATER REHEAT COIL DATA	HEATING CFM	75	75	90	270	150	165	150	310	230	200	215	60	215	250	440	535	120	135
	EWT (°F)	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
	LWT (°F)	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
	EAT (°F)	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
	LAT (°F)	106.0	105.0	106.0	105.0	108.0	105.0	107.0	105.0	106.0	107.0	105.0	106.0	107.0	107.0	105.0	105.0	105.0	105.0
	CAPACITY (MBH)	4.2	4.1	5.0	14.7	8.7	9.0	8.5	16.9	12.8	11.3	11.7	3.3	12.2	14.2	24.0	29.2	6.5	7.4
	GPM	0.5	0.5	0.5	1.0	0.6	0.6	0.6	1.1	0.9	0.8	0.8	0.5	0.8	0.9	1.6	1.9	0.5	0.5
MAX WATER PD (FT)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
GROUP NUMBER																			
OCC SENSOR INTERLOCK																			
REMARKS																			

- GENERAL NOTES**
- NEITHER RADIATED NOR DISCHARGE SOUND LEVELS SHALL EXCEED 35 NC AT 1.5" STATIC PRESSURE WHEN TESTED PER ARI STANDARD 885-98
  - OCC OA VENT CFM FOR ADJUSTING AHU OA VENT RATE BASED ON OCCUPANCY OF SPACE.

AIR DEVICE SCHEDULE						
EG - 1 (3)	THROW (IF OTHER THAN NORMAL)	SG = SUPPLY GRILLE	LD = LINEAR DIFFUSER (SUPPLY)	RG = RETURN GRILLE	CD = CEILING DIFFUSER (SUPPLY)	TG = TRANSFER GRILLE
300	UNIT NUMBER CFM					
UNIT NO.	CD-1	CD-2	CD-3	TG-1	TG-2	
SERVICE	SUPPLY	SUPPLY	SUPPLY	TRANSFER	TRANSFER	
MANUFACTURER	PRICE	PRICE	PRICE	PRICE	PRICE	
MODEL NO.	ASPD	ASPD	ASPD	630	630	
FACE STYLE	PLAQUE	PLAQUE	PLAQUE	LOUVERED	LOUVERED	
PATTERN	4 WAY	4 WAY	4 WAY	-	-	
FINISH	WHITE	WHITE	WHITE	WHITE	WHITE	
MATERIAL	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	
SIZE (FACE/NECK)	24"x24"6"	24"x24"8"	24"x24"10"	24"x12"12"x10"	24"x24"22"x22"	
CFM RANGE	0-100	101-235	300-335	0-500	0-1800	
MOUNTING	LAY-IN	LAY-IN	LAY-IN	LAY-IN	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.

FAN SCHEDULE		
TF = TRANSFER FAN		
UNIT NO.	TF-1	
LOCATION	CC I.T.	
MANUFACTURER	GREENHECK	
MODEL NO.	SP-A700-VG	
SERVICE	TRANSFER	
FAN TYPE	CEILING	
ARRANGEMENT	CETRIFUGAL	
DESIGN CFM	200	
EXT. SP (IN WC)	0.375	
FAN WHEEL TYPE	FC	
FAN DIAMETER	7"	
APPROXIMATE FAN RPM	976	
BHP	-	
MOTOR HP	218 W	
VOLTS/PHASE	120/1	
DRIVE	DIRECT	
TWO SPEED	MO	
ECM MOTOR	YES	
MAX. SONES	-	
MAX FAN INLET AIR SOUND DATA SOUND POWER BY OCTAVE BAND (dB)	1	-
	2	-
	3	-
	4	-
	5	-
	6	-
	7	-
	8	-
REMARKS	1	

- KEYED NOTES**
- REMOTE MOUNT SPEED CONTROLLER IN I.T. ROOM 406



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**DANE COUNTY**  
DEPARTMENT OF  
PUBLIC WORKS, HIGHWAY  
& TRANSPORTATION

1919 Alliant Energy Center Way  
Madison, Wisconsin 53713

**CITY-COUNTY**  
BUILDING 4TH  
FLOOR REMODEL,  
SUITES 418, 419 &  
425

210 MARTIN LUTHER KING JR BLVD  
MADISON, WI 53703

DATE OF ISSUE: 10/28/2019

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PROJECT # 19007  
DCPW RFB # 319034

**FOURTH FLOOR**  
SCHEDULES - HVAC

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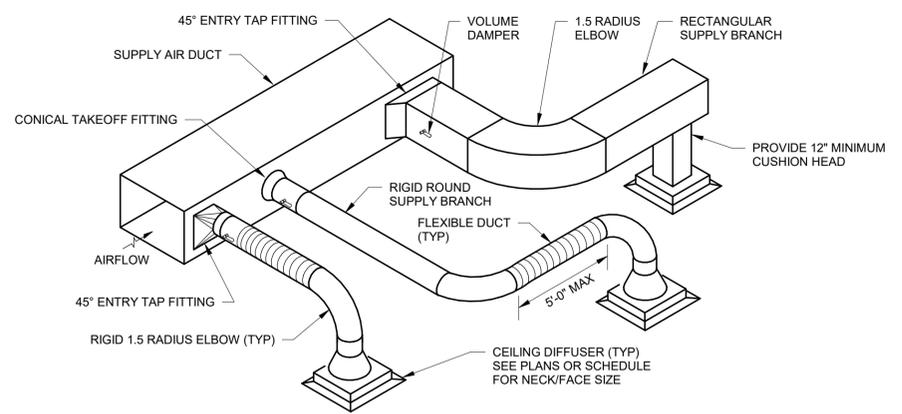
**M8.0**

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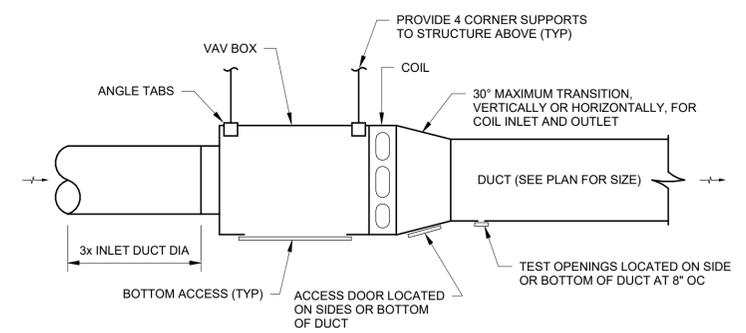
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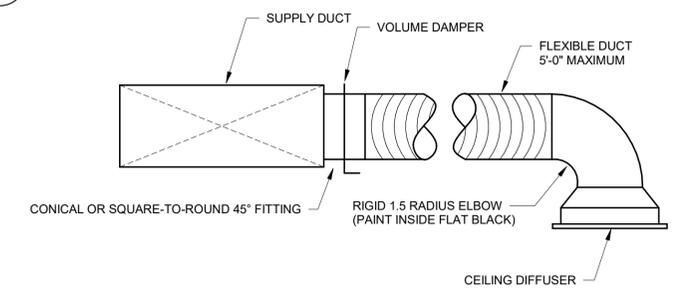
210 MARTIN LUTHER KING JR BLVD  
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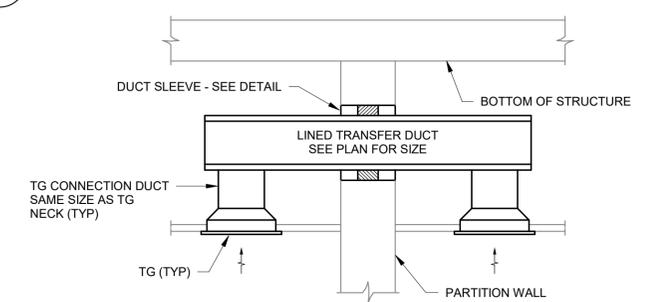
**5 BRANCH DUCT AND DIFFUSER CONNECTION DETAIL**  
M9.0 SCALE: NONE



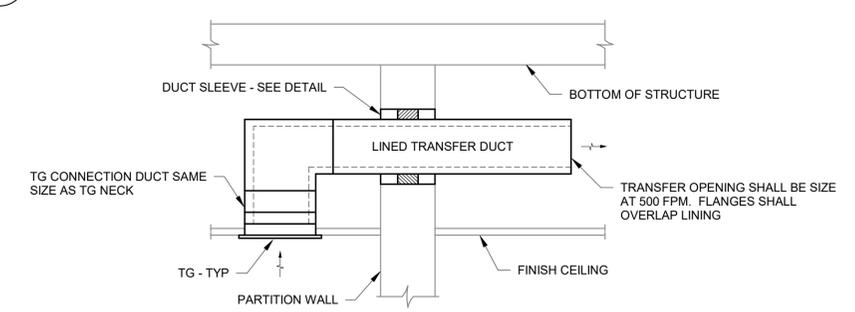
**1 VAV BOOSTER COIL**  
M9.0 SCALE: NONE



**2 CEILING DIFFUSER CONNECTION DETAIL**  
M9.0 SCALE: NONE

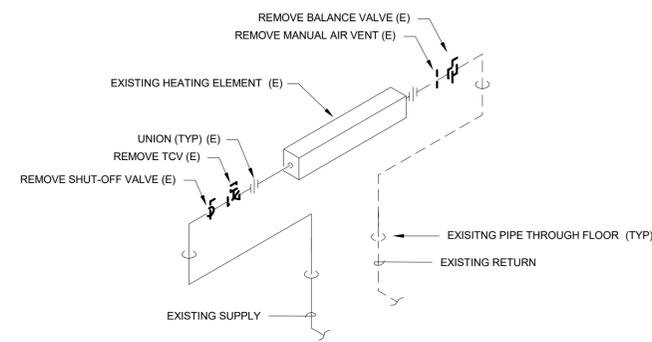


**3 TRANSFER DUCT (DOUBLE GRILLE)**  
M9.0 SCALE: NONE



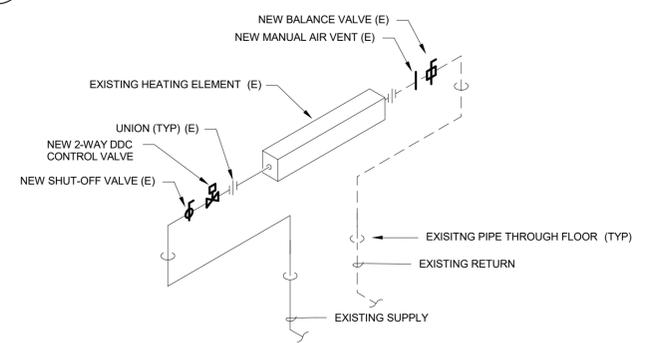
NOTE: THIS DETAIL IS APPLICABLE WHERE TRANSFER DUCT IS INDICATED ON PLANS TO PENETRATE PARTITION WALL

**4 TRANSFER DUCT (GRILLE TO PLENUM - THRU WALL)**  
M9.0 SCALE: NONE



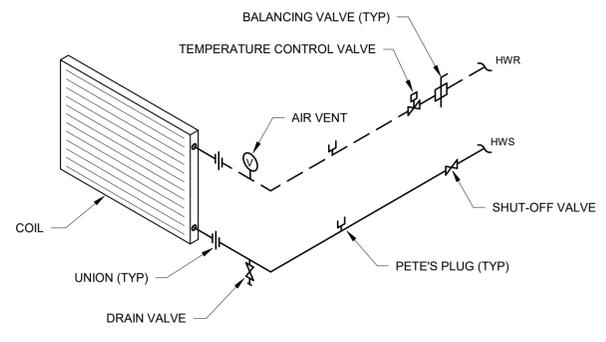
GENERAL NOTES  
1. CLEAN ELEMENT. COMB FINS.  
2. REMOVE EXISTING VALVES AS SHOWN.

**9 EXISTING RADIATION PIPING DETAIL (DEMOLITION)**  
M9.0 SCALE: NONE

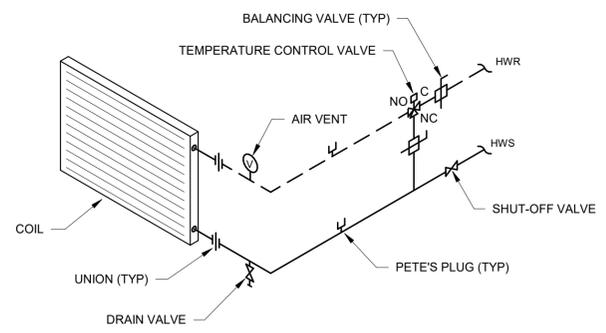


GENERAL NOTES  
1. NEW DDC CONTROL VALVE TO BE MOUNTED BY HC (VALVE PROVIDED BY HC).  
2. CONTROL WIRING BY TEMPERATURE CONTROL CONTRACTOR.  
3. NEW BALANCE AND ISOLATION VALVES. NEW AIR VENT.

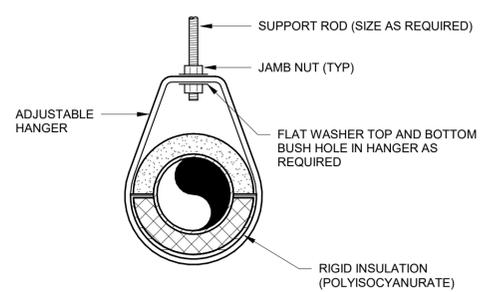
**10 EXISTING RADIATION PIPING DETAIL (NEW WORK)**  
M9.0 SCALE: NONE



**6 HOT WATER BOOSTER COIL PIPING (2-WAY TCV)**  
M9.0 SCALE: NONE



**7 HOT WATER BOOSTER COIL PIPING (3-WAY TCV)**  
M9.0 SCALE: NONE



**8 TYPICAL PIPE SUPPORT**  
M9.0 SCALE: NONE

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PROJECT # 19007  
DCPW RFB # 319034

**FOURTH FLOOR  
DETAILS - HVAC**

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**M9.0**

LUMINAIRE SCHEDULE

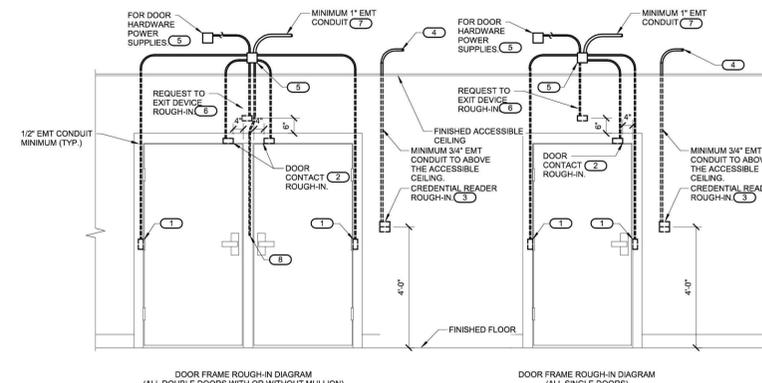
DESIGNATION	DESCRIPTION	DEPTH	LUMENS	WATTS	LAMP TYPE	COLOR TEMP	MANUFACTURER	MODEL #	NOTES:
A	2.5" RECESSED LED DOWNLIGHT	5-15/16"	500 lm	7 W	LED	4000K	PORTFOLIO	LDA2B05WFL8040D010 2LBDL2LI	EQUALS BY PHILIPS, PRESCOLITE, ACUITY
D	2X2 RECESSED LED	3-1/4"	2470 lm	20 W	LED	4000K	METALUX	22CZ-LD5-24-UNV-L840-CD1-U	EQUALS BY PHILIPS, LITHONIA, DAYBRITE
E1	UNIVERSAL MOUNT LED EXIT	-	-	5 W	LED	-	SURE-LITES	APLXRG	EQUALS BY FAILSAFE, CHLORIDE, DUAL-LITE
F24	24" LED UNDERCABINET LIGHT W/OCCUPANCY SENSOR	3/4"	627 lm	11 W	LED	4000K	HALO	HU30ADV24P	PROVIDE DAISY CHAIN CONNECTORS, POWER CORDS, AND SPLICE BOXES, AS REQUIRED. EQUALS BY LITHONIA, DAYBRITE, AFX
F36	36" LED UNDERCABINET LIGHT W/OCCUPANCY SENSOR	3/4"	824 lm	14 W	LED	4000K	HALO	HU30ADV36P	PROVIDE DAISY CHAIN CONNECTORS, POWER CORDS, AND SPLICE BOXES, AS REQUIRED. EQUALS BY LITHONIA, DAYBRITE, AFX

LIGHTING CONTROL SCHEDULE

SYMBOL	DESCRIPTION	NOTES
⊖	0-10V DIMMER SWITCH	SINGLE POLE 0-10V DIMMER SWITCH. MOUNT AT 46" TO CENTER UNLESS OTHERWISE NOTED
⊖ 3	0-10V DIMMER SWITCH 3-WAY	THREE WAY 0-10V DIMMER SWITCH. MOUNT AT 46" TO CENTER UNLESS OTHERWISE NOTED
⊖ 4	FOUR WAY SWITCH	MOUNT AT 46" TO CENTER UNLESS OTHERWISE NOTED
⊖	SINGLE POLE SWITCH	MOUNT AT 46" TO CENTER UNLESS OTHERWISE NOTED
⊖ 3	THREE WAY SWITCH	MOUNT AT 46" TO CENTER UNLESS OTHERWISE NOTED
⊖ A	TYPE A OCCUPANCY SENSOR	DUAL TECHNOLOGY LOW VOLTAGE 360 DEGREE STANDARD RANGE CEILING SENSOR W/ ISOLATED LOW VOLTAGE RELAY. WATTSTOPPER #DT-301 SERIES OR EQUAL.
⊖ B	TYPE B DIMMABLE VACANCY SENSOR	PIR SINGLE RELAY LINE VOLTAGE WALL SENSOR WITH SELECTABLE SETTINGS FOR OCCUPANCY OR VACANCY. MOUNT AT 46" TO CENTER UNLESS OTHERWISE NOTED. WATTSTOPPER #PW-311 SERIES OR EQUAL.

POWER DEVICE SCHEDULE

SYMBOL	CALLOUT	NOTES
⊖	DOUBLE DUPLEX RECEPTACLE	MOUNT @ 18" TO CENTER UNLESS NOTED OTHERWISE
⊖	DUPLEX RECEPTACLE	MOUNT @ 18" TO CENTER UNLESS NOTED OTHERWISE
P	POKE THRU	WIREMOLD #4ATCP2 SERIES POKE THRU, OR EQUAL, WITH 1 PREWIRED DUPLEX RECEPTACLE AND ACCOMMODATIONS FOR REQUIRED COMMUNICATION DEVICES. PROVIDE (1) 1-1/2" CONDUIT FOR POWER AND (1) 3/4" CONDUIT FOR LOW VOLTAGE. COORDINATE CONCRETE WORK WITH GENERAL CONTRACTOR.
○	FURNITURE CONNECTION	PROVIDE POWER AND DATA WHIPS TO FURNITURE AS REQUIRED.
⊖	ISOLATED GROUND DUPLEX RECEPTACLE	MOUNT @ 18" TO CENTER UNLESS NOTED OTHERWISE
⊖	GFI DUPLEX RECEPTACLE	MOUNT @ 18" TO CENTER UNLESS NOTED OTHERWISE
U ⊖	USB RECEPTACLE	4 PORT USB RECEPTACLE MOUNT @ 18" TO CENTER UNLESS NOTED OTHERWISE
⊖	GFI RAISED DUPLEX RECEPTACLE	MOUNT @ 46" TO CENTER UNLESS NOTED OTHERWISE
⊖	RAISED DUPLEX RECEPTACLE	MOUNT @ 46" TO CENTER UNLESS NOTED OTHERWISE



CONTROLLED SECURITY SCHEME DOOR ROUGH-IN DETAIL

- NOTES:
- CONFIGURATIONS SHOWN IN THE DETAIL ABOVE ARE DIAGRAMMATIC. INTENDED TO DESCRIBE THE CONTROLLED SECURITY SCHEME ROUGH-IN REQUIREMENTS OF THE DOORS. DETAILS ABOVE MAY NOT ACCURATELY REPRESENT DOOR SIZE, DOOR SWING, DOOR HARDWARE, OR DOOR FUNCTIONALITY. REFER TO ARCHITECTURAL DOOR HARDWARE SCHEDULE, DOOR HARDWARE GROUPS AND DOOR HARDWARE SPECIFICATIONS FOR COMPLETE INFORMATION. MIRROR THE DETAIL AS REQUIRED.
  - ROUGH IN SHOWN IN THE DETAIL ABOVE REPRESENTS THE MINIMUM REQUIREMENTS FOR ALL CONTROLLED SECURITY SYSTEM DEVICES AND CABLING UNLESS OTHERWISE NOTED. COORDINATE EXACT REQUIREMENTS WITH SELECTED DOOR MATERIALS, DOOR HARDWARE, AND CONTROLLED SECURITY DEVICES AND CABLING PRIOR TO INSTALLATION.
  - ALL CABLING IN WALLS AND WHERE EXPOSED ON VERTICAL SURFACES SHALL BE INSTALLED IN EMT CONDUIT OR SURFACE MOUNT RACEWAY. CABLING ROUTED HORIZONTALLY ABOVE THE ACCESSIBLE CEILING MAY BE INSTALLED FREE-AIR CABLING PROPERLY RATED FOR THE CEILING ENVIRONMENT.
  - THE ELECTRICAL OR SECURITY CONTRACTOR SHALL NOT MODIFY ANY FIRE RATED DOOR AND/OR DOOR FRAME. REFER TO THE ARCHITECTURAL DOOR SCHEDULE, DOOR HARDWARE SCHEDULE, AND DOOR HARDWARE SPECIFICATION FOR ADDITIONAL INFORMATION. MODIFICATION TO ANY FIRE RATED DOOR AND/OR FRAME WILL REQUIRE A RE-CERTIFICATION OF THE DOOR AND FRAME WITH THE LOCAL AUTHORITY HAVING JURISDICTION (AHL).
  - INSTALLING CONTRACTOR SHALL FURNISH AND INSTALL FIRESTOP MATERIALS FOR ALL CONTROLLED SECURITY SCHEME ROUGH-INS PER PROJECT REQUIREMENTS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
  - REFER TO THE CONTROLLED SECURITY SCHEME RISER DIAGRAM ON 37401 FOR CABLING REQUIREMENTS AND THE CONTROLLED SECURITY SCHEME SCHEDULE ON 1502 FOR ADDITIONAL INFORMATION.
  - INSTALLATION SHALL INCLUDE ALL POWER REQUIRED FOR SYSTEM OPERATION INCLUDING +120VAC. REFER TO THE SUGGESTED MATRIX OF SCOPE RESPONSIBILITY FOR ADDITIONAL INFORMATION.
- KEYNOTES:
- PROVIDE JUNCTION BOXES IN THE DOOR FRAME WHERE SHOWN ON THIS DETAIL. ROUGH-IN SHALL BE PROVIDED WHETHER THE CURRENT SECURITY SCHEME UTILIZES THEM OR NOT. ALL CONDUITS SHALL BE EMT CONDUIT UNLESS OTHERWISE NOTED. FLEXIBLE CONDUIT OF ANY TYPE WILL NOT BE ACCEPTED. COORDINATE INSTALLATION WITH ON-SITE DOOR FRAME INSTALLATION CONTRACTOR.
  - ALL DOOR POSITION SWITCHES ARE REQUIRED TO BE RECESSED UNLESS OTHERWISE NOTED. ELECTRIC HINGE MONITORS ARE NOT AN ACCEPTABLE REPLACEMENT FOR THE RECESSED DOOR POSITION SWITCH.
  - DOUBLE GANG BACKBOX WITH SINGLE GANG PLASTER RING. REFER TO FLOOR PLAN(S) FOR ACTUAL CREDENTIAL READER TYPE AND ROUGH-IN LOCATIONS.
  - CONDUIT SHALL ROUTE FROM THE CREDENTIAL READER TO THE SECURE SIDE OF THE DOOR. CONDUIT SHALL ROUTE TO NEAREST CABLE TRAY. PROVIDE A NYLON BUSHING ON CONDUIT END.
  - MOUNT A MINIMUM 4" SQUARE 2-1/8" DEEP JUNCTION BOX WITH BLANK COVER PLATE ON THE SECURE SIDE OF THE DOOR ABOVE ACCESSIBLE CEILING. INSTALLING CONTRACTOR SHALL SIZE THE JUNCTION BOXES PER SYSTEM INSTALLATION REQUIREMENTS AND APPLICABLE CODES. MAINTAIN ACCESS TO THE JUNCTION BOX.
  - PROVIDE A HORIZONTALLY MOUNTED SINGLE GANG BACKBOX FOR THE REQUEST TO EXIT SENSOR. REFER TO THE CONTROLLED SECURITY SCHEME SCHEDULE ON 1502 FOR DOORS THAT REQUIRE THIS ROUGH-IN.
  - CONDUIT SHALL ROUTE TO THE NEAREST TELECOM ROOM OR TO NEAREST CABLE TRAY. CONTRACTOR SHALL PROVIDE A NYLON BUSHING ON CONDUIT END.
  - CONDUIT INSTALLED IN PERMANENT MULLIONS ONLY. REFER TO THE ARCHITECTURAL DOOR SCHEDULE AND DOOR HARDWARE GROUPS FOR LOCATIONS THAT REQUIRE THIS ROUGH-IN. PROVIDE A NYLON BUSHING ON THE CONDUIT END.

TELE/DATA SCHEDULE

SYMBOL	CALLOUT	NOTES
▷	RAISED TELE/DATA	COMMUNICATIONS OUTLET WITH TWO(2) CAT6 CABLES/JACKS (UNLESS INDICATED OTHERWISE) - 4" SQUARE BOX WITH EXTENSION RING FOR A SINGLE GANG DEVICE AND A 1-1/4" CONDUIT TO ACCESSIBLE CEILING IN CORRIDOR. PROVIDE A THREADED BUSHING ON THE CONDUIT END. MOUNTED AT 48" AFF OR AT HEIGHT ADJACENT TO RECEPTACLE UNLESS NOTED OTHERWISE.
▷	TELE/DATA	COMMUNICATIONS OUTLET WITH TWO(2) CAT6 CABLES/JACKS (UNLESS INDICATED OTHERWISE) - 4" SQUARE BOX WITH EXTENSION RING FOR A SINGLE GANG DEVICE AND A 1-1/4" CONDUIT TO ACCESSIBLE CEILING IN CORRIDOR. PROVIDE A THREADED BUSHING ON THE CONDUIT END. MOUNTED AT 18" AFF UNLESS NOTED OTHERWISE.
▷ WAP	WIRELESS ACCESS POINT	WIRELESS ACCESS POINT WITH TWO(2) CAT6 CABLES/JACKS UNLESS NOTED OTHERWISE. MOUNTED IN ACCESSIBLE CEILING.

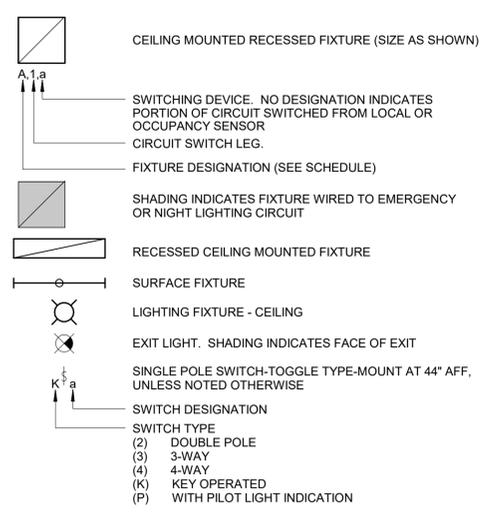
COMMUNICATIONS DEVICE SCHEDULE

SYMBOL	DESCRIPTION	NOTES
CR	SECURITY CARD READER	EC TO PROVIDE DEVICE, CABLING, RACEWAY AND JUNCTION BOX PER SPECIFICATIONS AND DETAIL 1 THIS SHEET.
ES	SECURITY ELECTRIC DOOR STRIKE	EC TO PROVIDE DEVICE, CABLING, RACEWAY AND JUNCTION BOX PER SPECIFICATIONS AND DETAIL 1 THIS SHEET.

FIRE ALARM DEVICE SCHEDULE

SYMBOL	DESCRIPTION	NOTES
⊖	AUDIO VISUAL ANNUNCIATOR	FA SYSTEM SPEAKER/STROBE ANNUNCIATION DEVICE W/ADJUSTABLE CANDELA SETTINGS. ADJUST CANDELA TO SETTING INDICATED ON AHJ APPROVED FA PLAN.
⊖ H	HEAT DETECTOR	FA SYSTEM CEILING MOUNTED HEAT DETECTOR
⊖	PULLSTATION	FIRE ALARM MANUAL STATION. LOCATE IN PATH OF EGRESS WITHIN 5' OF EGRESS DOOR
⊖ S	SMOKE DETECTOR	FA SYSTEM CEILING SMOKE DETECTOR

LIGHTING



GENERAL:

- (2) OR (2) SEE NOTE SYMBOL
- (E) EXISTING TO REMAIN
- ⊖ ELECTRICAL PANEL
- ⊖ PUSHBUTTON
- ⊖ DOOR BELL CHIME
- ELR ELECTRIC LOCK RELEASE
- ⊖ EXISTING SPEAKER

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**DIMENSION**  
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**CITY-COUNTY**  
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SUITES 418, 419 &  
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PROJECT # 19007  
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**FOURTH FLOOR**  
SYMBOLS AND  
ABBREVIATIONS -  
ELECTRICAL

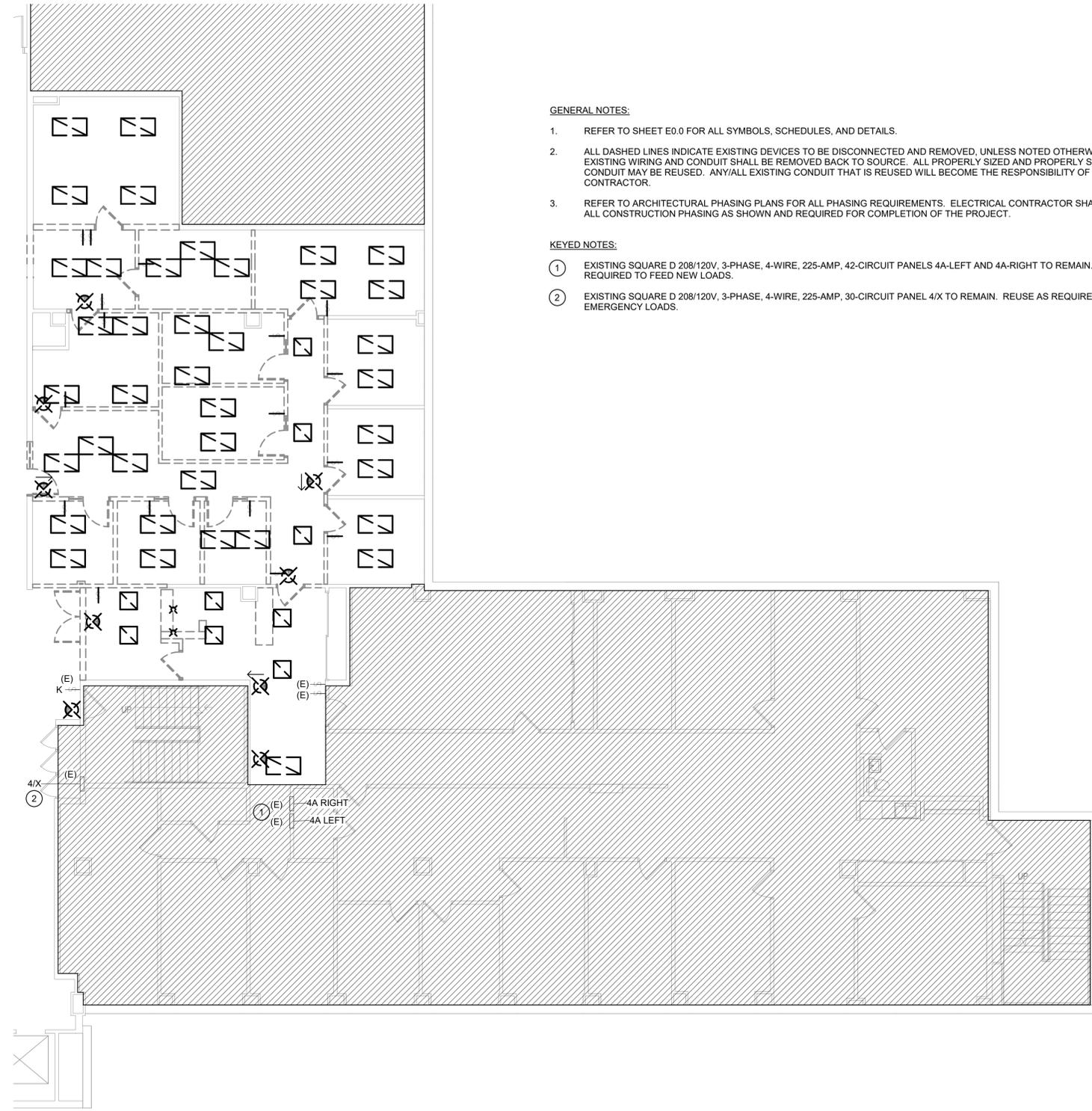
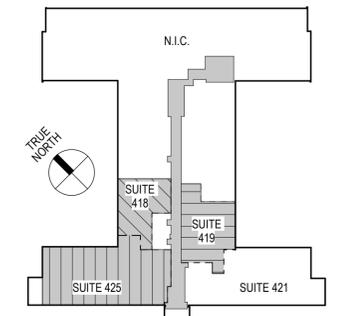
**E0.0**

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**GENERAL NOTES:**

1. REFER TO SHEET E0.0 FOR ALL SYMBOLS, SCHEDULES, AND DETAILS.
2. ALL DASHED LINES INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS NOTED OTHERWISE. ANY/ALL EXISTING WIRING AND CONDUIT SHALL BE REMOVED BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT MAY BE REUSED. ANY/ALL EXISTING CONDUIT THAT IS REUSED WILL BECOME THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
3. REFER TO ARCHITECTURAL PHASING PLANS FOR ALL PHASING REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL ACCOUNT FOR ALL CONSTRUCTION PHASING AS SHOWN AND REQUIRED FOR COMPLETION OF THE PROJECT.

**KEYED NOTES:**

- ① EXISTING SQUARE D 208/120V, 3-PHASE, 4-WIRE, 225-AMP, 42-CIRCUIT PANELS 4A-LEFT AND 4A-RIGHT TO REMAIN. REUSE AS REQUIRED TO FEED NEW LOADS.
- ② EXISTING SQUARE D 208/120V, 3-PHASE, 4-WIRE, 225-AMP, 30-CIRCUIT PANEL 4/X TO REMAIN. REUSE AS REQUIRED TO FEED NEW EMERGENCY LOADS.

**1** FOURTH FLOOR DEMOLITION PLAN - SOUTH - LIGHTING  
E1.0 SCALE: 1/8" = 1'-0"

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**FOURTH FLOOR**  
DEMOLITION PLAN -  
SOUTH - LIGHTING

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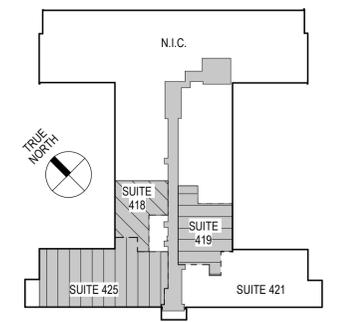
**E1.0**

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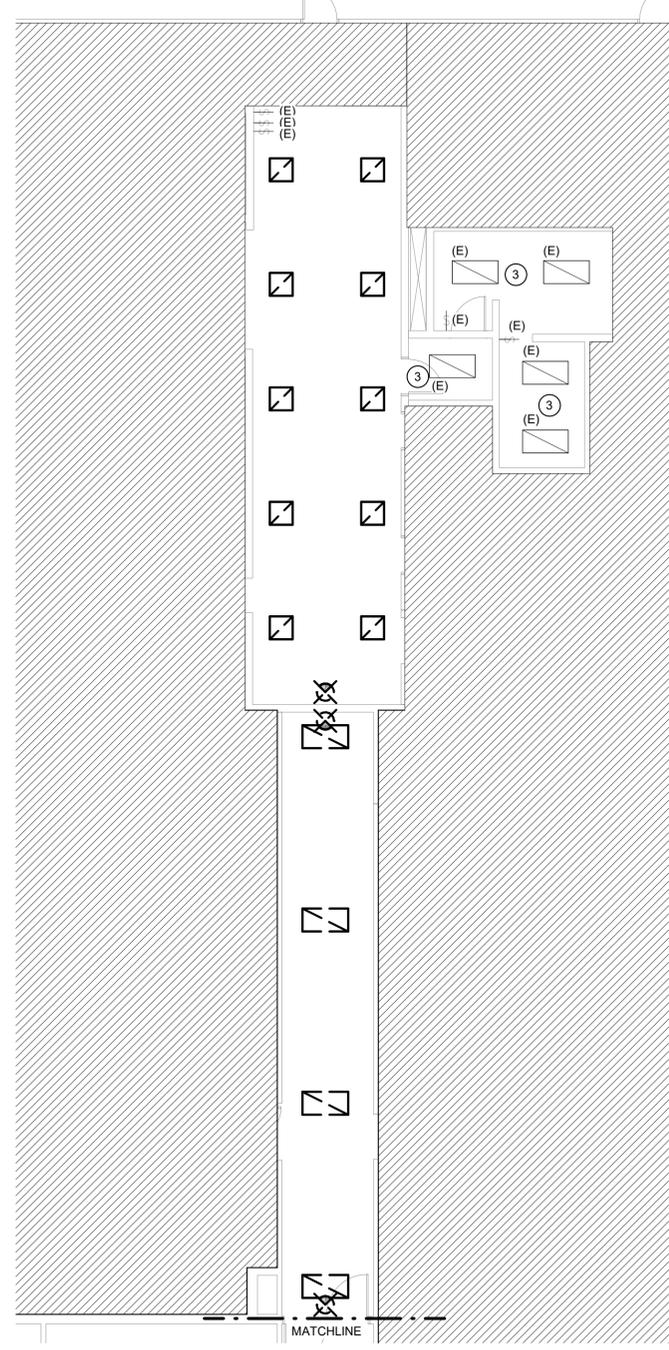
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**FOURTH FLOOR**  
DEMOLITION PLAN -  
NORTH - LIGHTING

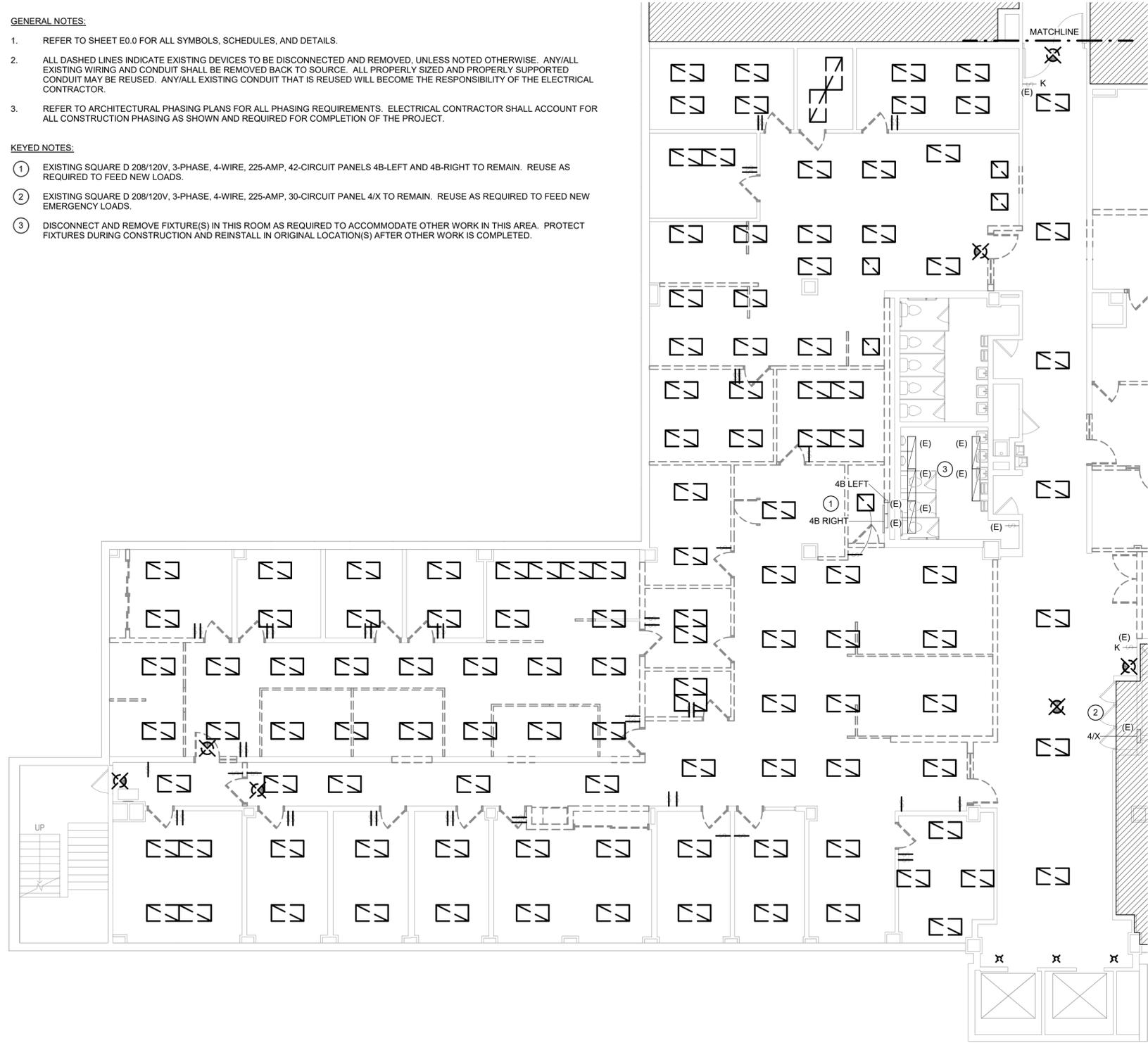
**E1.1**

- GENERAL NOTES:**
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  - ALL DASHED LINES INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS NOTED OTHERWISE. ANY/ALL EXISTING WIRING AND CONDUIT SHALL BE REMOVED BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT MAY BE REUSED. ANY/ALL EXISTING CONDUIT THAT IS REUSED WILL BECOME THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
  - REFER TO ARCHITECTURAL PHASING PLANS FOR ALL PHASING REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL ACCOUNT FOR ALL CONSTRUCTION PHASING AS SHOWN AND REQUIRED FOR COMPLETION OF THE PROJECT.

- KEYED NOTES:**
- EXISTING SQUARE D 208/120V, 3-PHASE, 4-WIRE, 225-AMP, 42-CIRCUIT PANELS 4B-LEFT AND 4B-RIGHT TO REMAIN. REUSE AS REQUIRED TO FEED NEW LOADS.
  - EXISTING SQUARE D 208/120V, 3-PHASE, 4-WIRE, 225-AMP, 30-CIRCUIT PANEL 4X TO REMAIN. REUSE AS REQUIRED TO FEED NEW EMERGENCY LOADS.
  - DISCONNECT AND REMOVE FIXTURE(S) IN THIS ROOM AS REQUIRED TO ACCOMMODATE OTHER WORK IN THIS AREA. PROTECT FIXTURES DURING CONSTRUCTION AND REINSTALL IN ORIGINAL LOCATION(S) AFTER OTHER WORK IS COMPLETED.

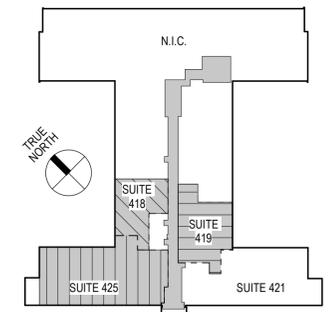


**2**  
E1.1 FOURTH FLOOR DEMOLITION PLAN - NORTH - LIGHTING  
SCALE: 1/8" = 1'-0"



**1**  
E1.1 FOURTH FLOOR DEMOLITION PLAN - NORTH - LIGHTING  
SCALE: 1/8" = 1'-0"

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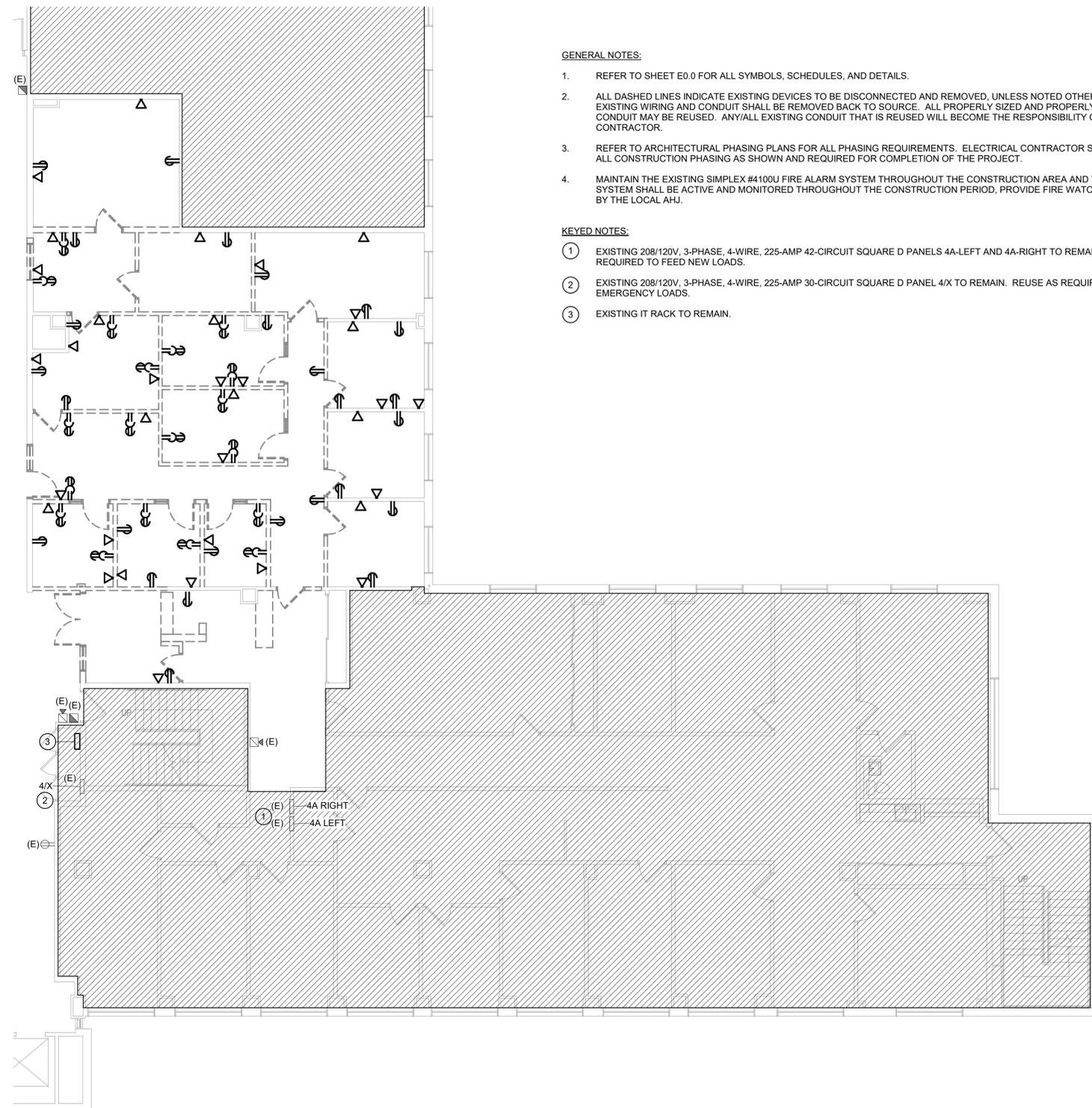
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**FOURTH FLOOR**  
**DEMOLITION PLAN -**  
**SOUTH -**  
**POWER/SYSTEMS**

**E1.2**



**GENERAL NOTES:**

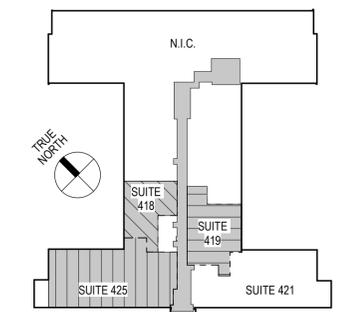
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- REFER TO ARCHITECTURAL PHASING PLANS FOR ALL PHASING REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL ACCOUNT FOR ALL CONSTRUCTION PHASING AS SHOWN AND REQUIRED FOR COMPLETION OF THE PROJECT.
- MAINTAIN THE EXISTING SIMPLEX #4100U FIRE ALARM SYSTEM THROUGHOUT THE CONSTRUCTION AREA AND THE BUILDING. SYSTEM SHALL BE ACTIVE AND MONITORED THROUGHOUT THE CONSTRUCTION PERIOD, PROVIDE FIRE WATCH, ETC. AS REQUIRED BY THE LOCAL AHJ.

**KEYED NOTES:**

- EXISTING 208/120V, 3-PHASE, 4-WIRE, 225-AMP 42-CIRCUIT SQUARE D PANELS 4A-LEFT AND 4A-RIGHT TO REMAIN. REUSE AS REQUIRED TO FEED NEW LOADS.
- EXISTING 208/120V, 3-PHASE, 4-WIRE, 225-AMP 30-CIRCUIT SQUARE D PANEL 4X TO REMAIN. REUSE AS REQUIRED TO FEED NEW EMERGENCY LOADS.
- EXISTING IT RACK TO REMAIN.

**1** FOURTH FLOOR DEMOLITION PLAN - SOUTH - POWER/SYSTEMS  
**E1.2** SCALE: 1/8" = 1'-0"

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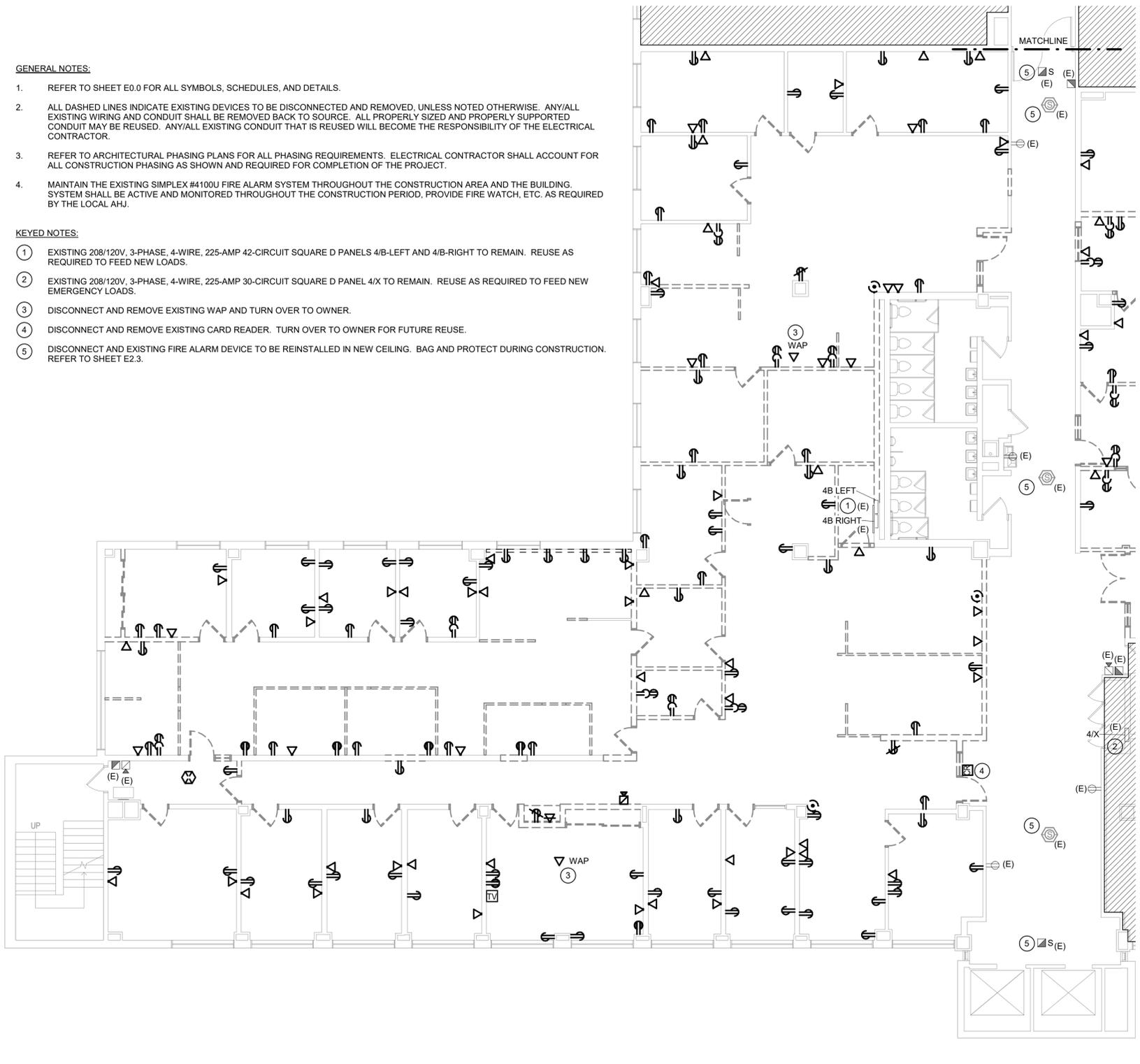
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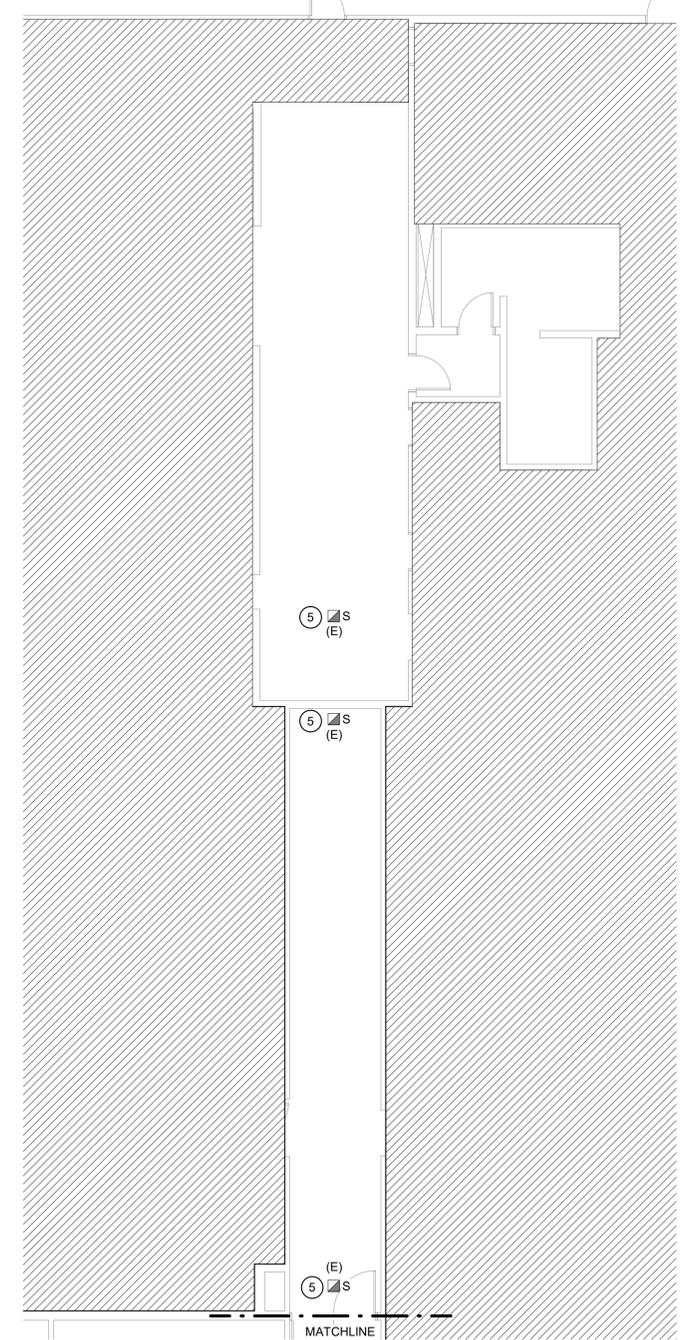
**FOURTH FLOOR**  
DEMOLITION PLAN -  
NORTH -  
POWER/SYSTEMS

**E1.3**

- GENERAL NOTES:**
- REFER TO SHEET E0.0 FOR ALL SYMBOLS, SCHEDULES, AND DETAILS.
  - ALL DASHED LINES INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS NOTED OTHERWISE. ANY/ALL EXISTING WIRING AND CONDUIT SHALL BE REMOVED BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT MAY BE REUSED. ANY/ALL EXISTING CONDUIT THAT IS REUSED WILL BECOME THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
  - REFER TO ARCHITECTURAL PHASING PLANS FOR ALL PHASING REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL ACCOUNT FOR ALL CONSTRUCTION PHASING AS SHOWN AND REQUIRED FOR COMPLETION OF THE PROJECT.
  - MAINTAIN THE EXISTING SIMPLEX #4100U FIRE ALARM SYSTEM THROUGHOUT THE CONSTRUCTION AREA AND THE BUILDING. SYSTEM SHALL BE ACTIVE AND MONITORED THROUGHOUT THE CONSTRUCTION PERIOD, PROVIDE FIRE WATCH, ETC. AS REQUIRED BY THE LOCAL AHJ.
- KEYED NOTES:**
- EXISTING 208/120V, 3-PHASE, 4-WIRE, 225-AMP 42-CIRCUIT SQUARE D PANELS 4/B-LEFT AND 4/B-RIGHT TO REMAIN. REUSE AS REQUIRED TO FEED NEW LOADS.
  - EXISTING 208/120V, 3-PHASE, 4-WIRE, 225-AMP 30-CIRCUIT SQUARE D PANEL 4X TO REMAIN. REUSE AS REQUIRED TO FEED NEW EMERGENCY LOADS.
  - DISCONNECT AND REMOVE EXISTING WAP AND TURN OVER TO OWNER.
  - DISCONNECT AND REMOVE EXISTING CARD READER. TURN OVER TO OWNER FOR FUTURE REUSE.
  - DISCONNECT AND EXISTING FIRE ALARM DEVICE TO BE REINSTALLED IN NEW CEILING. BAG AND PROTECT DURING CONSTRUCTION. REFER TO SHEET E2.3.

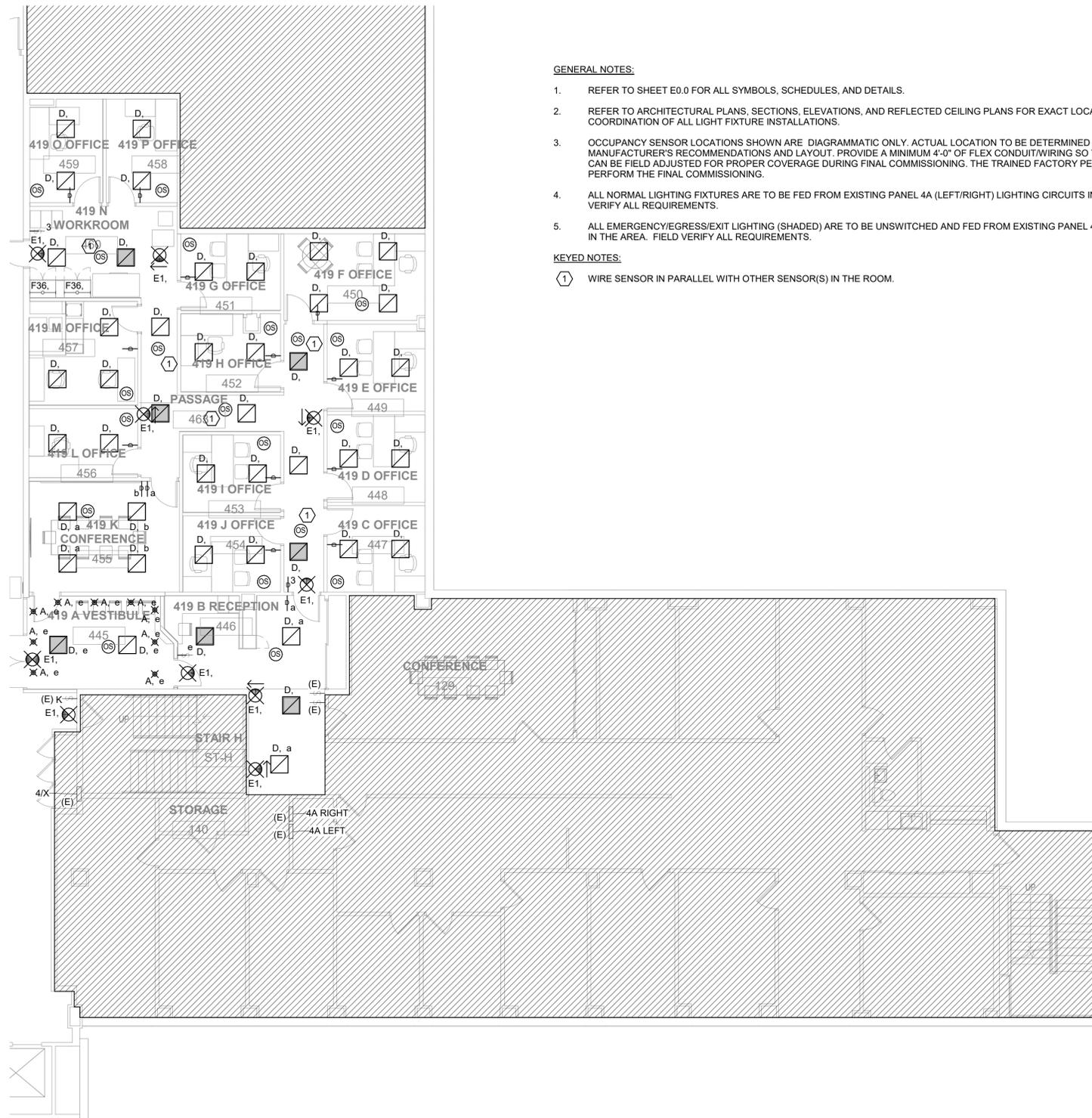
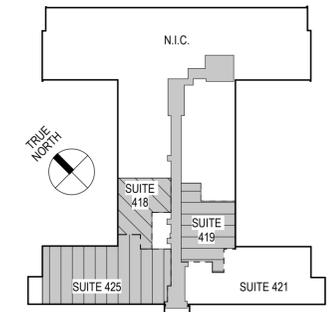


**1**  
E1.3 SCALE: 1/8" = 1'-0"



**2**  
E1.3 SCALE: 1/8" = 1'-0"

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1. REFER TO SHEET E0.0 FOR ALL SYMBOLS, SCHEDULES, AND DETAILS.
2. REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE INSTALLATIONS.
3. OCCUPANCY SENSOR LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. ACTUAL LOCATION TO BE DETERMINED IN FIELD PER MANUFACTURER'S RECOMMENDATIONS AND LAYOUT. PROVIDE A MINIMUM 4'-0" OF FLEX CONDUIT/WIRING SO THAT THE SENSOR CAN BE FIELD ADJUSTED FOR PROPER COVERAGE DURING FINAL COMMISSIONING. THE TRAINED FACTORY PERSONNEL SHALL PERFORM THE FINAL COMMISSIONING.
4. ALL NORMAL LIGHTING FIXTURES ARE TO BE FED FROM EXISTING PANEL 4A (LEFT/RIGHT) LIGHTING CIRCUITS IN THE AREA. FIELD VERIFY ALL REQUIREMENTS.
5. ALL EMERGENCY/EGRESS/EXIT LIGHTING (SHADED) ARE TO BE UNSWITCHED AND FED FROM EXISTING PANEL 4X LIGHTING CIRCUITS IN THE AREA. FIELD VERIFY ALL REQUIREMENTS.

**KEYED NOTES:**

- ① WIRE SENSOR IN PARALLEL WITH OTHER SENSOR(S) IN THE ROOM.

① FOURTH FLOOR NEW WORK PLAN - SOUTH - LIGHTING  
E2.0 SCALE: 1/8" = 1'-0"

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**FOURTH FLOOR**  
NEW WORK PLAN -  
SOUTH - LIGHTING

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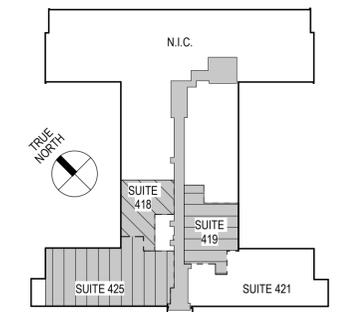
**E2.0**

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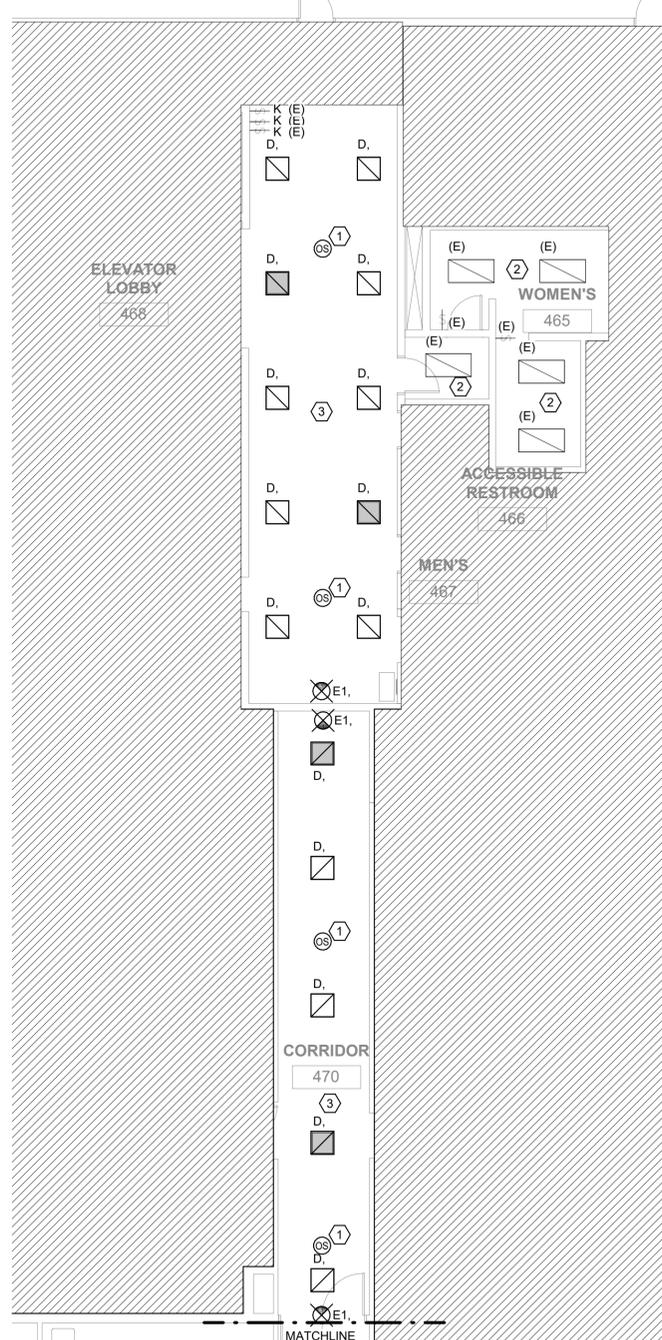
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**FOURTH FLOOR**

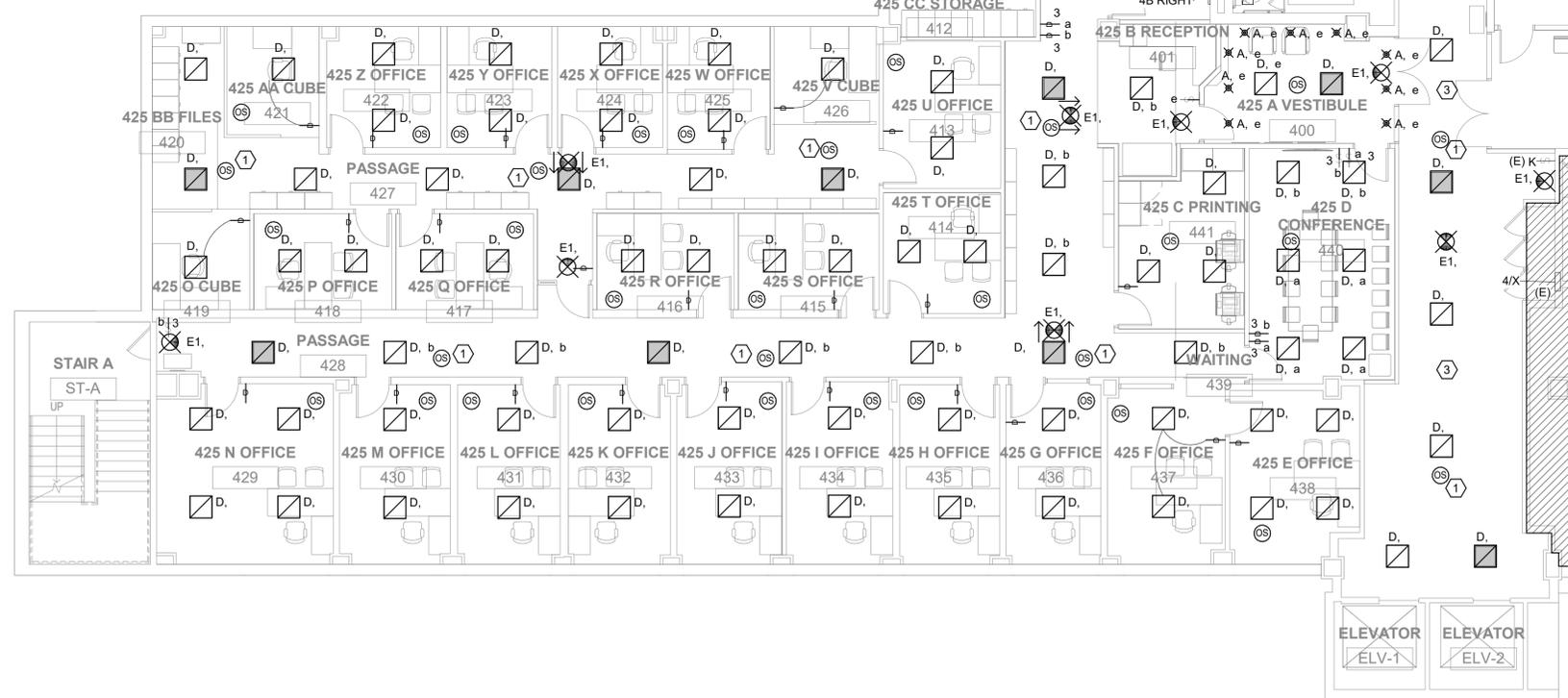
**NEW WORK PLAN -  
NORTH - LIGHTING**

**E2.1**



**2**  
E2.1 **FOURTH FLOOR NEW WORK PLAN - NORTH - LIGHTING**  
SCALE: 1/8" = 1'-0"

- GENERAL NOTES:**
- REFER TO SHEET E0.0 FOR ALL SYMBOLS, SCHEDULES, AND DETAILS.
  - REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE INSTALLATIONS.
  - OCCUPANCY SENSOR LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. ACTUAL LOCATION TO BE DETERMINED IN FIELD PER MANUFACTURER'S RECOMMENDATIONS AND LAYOUT. PROVIDE A MINIMUM 4'-0" OF FLEX CONDUIT/WIRING SO THAT THE SENSOR CAN BE FIELD ADJUSTED FOR PROPER COVERAGE DURING FINAL COMMISSIONING. THE TRAINED FACTORY PERSONNEL SHALL PERFORM THE FINAL COMMISSIONING.
  - ALL NORMAL LIGHTING FIXTURES ARE TO BE FED FROM EXISTING PANEL 4B (LEFT/RIGHT) LIGHTING CIRCUITS IN THE AREA. FIELD VERIFY ALL REQUIREMENTS.
  - ALL EMERGENCY/EGRESS/EXIT LIGHTING (SHADED) SHALL ARE TO BE UNSWITCHED AND FED FROM EXISTING PANEL 4X LIGHTING CIRCUITS IN THE AREA. FIELD VERIFY ALL REQUIREMENTS.
- KEYED NOTES:**
- WIRE SENSOR IN PARALLEL WITH OTHER SENSOR(S) IN THE ROOM.
  - DISCONNECT AND REMOVE FIXTURE(S) IN THIS ROOM AS REQUIRED TO ACCOMMODATE OTHER WORK IN THIS AREA. PROTECT FIXTURES DURING CONSTRUCTION AND REINSTALL IN ORIGINAL LOCATION(S) AFTER OTHER WORK IS COMPLETED.
  - CONNECT NEW LIGHTING SHOWN TO EXISTING LIGHTING CIRCUITS, EXISTING SWITCHES, AND NEW OCCUPANCY SENSORS SHOWN.



**1**  
E2.1 **FOURTH FLOOR NEW WORK PLAN - NORTH - LIGHTING**  
SCALE: 1/8" = 1'-0"

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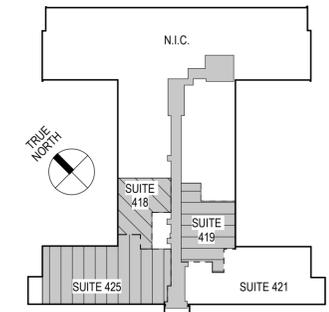
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**FOURTH FLOOR**

**NEW WORK PLAN -  
SOUTH -  
POWER/SYSTEMS**

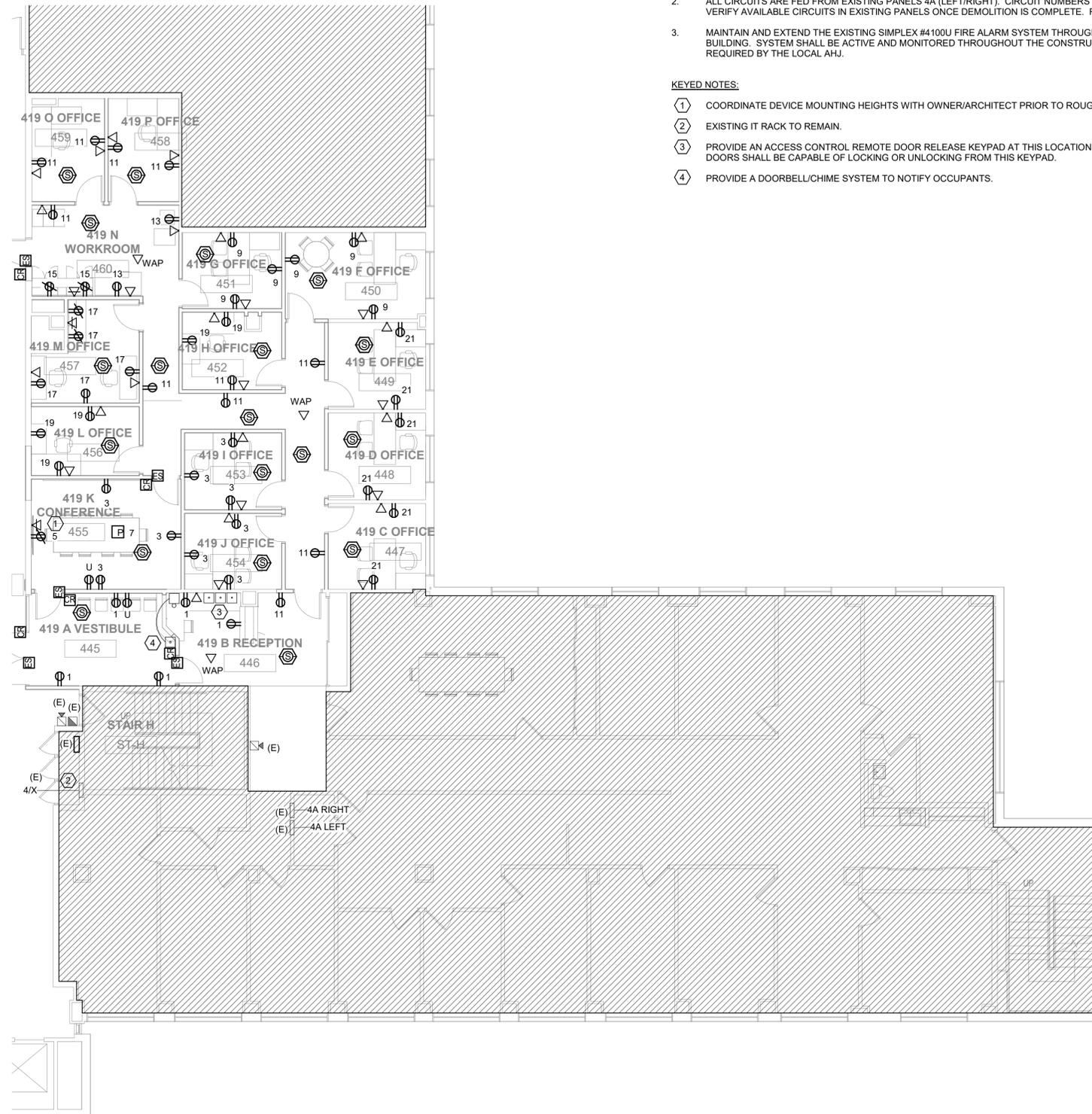
**E2.2**

GENERAL NOTES:

- REFER TO SHEET E0.0 FOR ALL SYMBOLS, SCHEDULES, AND DETAILS.
- ALL CIRCUITS ARE FED FROM EXISTING PANELS 4A (LEFT/RIGHT). CIRCUIT NUMBERS SHOWN ARE FOR GROUPING PURPOSES ONLY. VERIFY AVAILABLE CIRCUITS IN EXISTING PANELS ONCE DEMOLITION IS COMPLETE. FIELD VERIFY ALL REQUIREMENTS.
- MAINTAIN AND EXTEND THE EXISTING SIMPLEX #4100U FIRE ALARM SYSTEM THROUGHOUT THE CONSTRUCTION AREA AND THE BUILDING. SYSTEM SHALL BE ACTIVE AND MONITORED THROUGHOUT THE CONSTRUCTION PERIOD, PROVIDE FIRE WATCH, ETC. AS REQUIRED BY THE LOCAL AHJ.

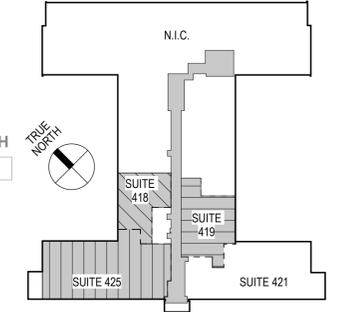
KEYED NOTES:

- COORDINATE DEVICE MOUNTING HEIGHTS WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
- EXISTING IT RACK TO REMAIN.
- PROVIDE AN ACCESS CONTROL REMOTE DOOR RELEASE KEYPAD AT THIS LOCATION FOR CONTROL OF DOORS # 445, 455a, & 446a. DOORS SHALL BE CAPABLE OF LOCKING OR UNLOCKING FROM THIS KEYPAD.
- PROVIDE A DOORBELL/CHIME SYSTEM TO NOTIFY OCCUPANTS.



**1**  
**E2.2** FOURTH FLOOR NEW WORK PLAN - SOUTH - POWER/SYSTEMS  
SCALE: 1/8" = 1'-0"

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**FOURTH FLOOR**  
NEW WORK PLAN -  
NORTH -  
POWER/SYSTEMS

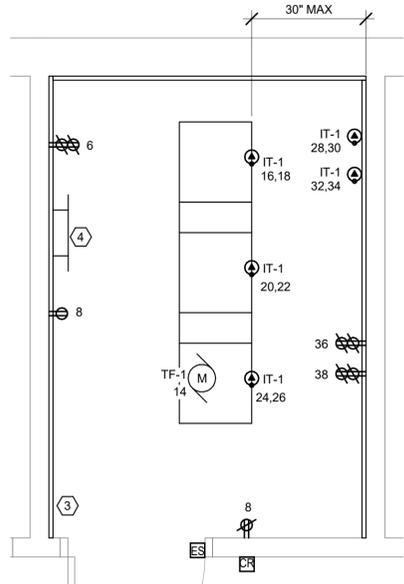
**E2.3**

**GENERAL NOTES:**

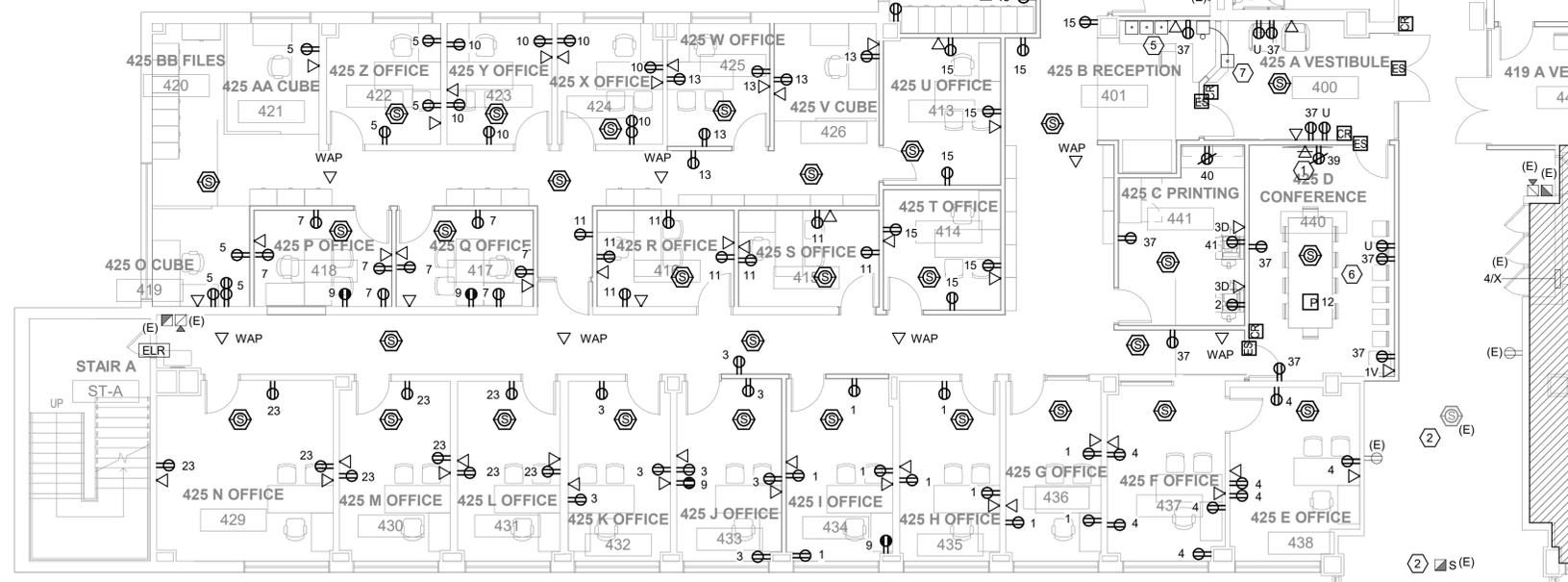
- REFER TO SHEET E0.0 FOR ALL SYMBOLS, SCHEDULES, AND DETAILS.
- ALL CIRCUITS ARE FED FROM EXISTING PANELS 4B (LEFT & RIGHT). CIRCUIT NUMBERS SHOWN ARE FOR GROUPING PURPOSES ONLY. VERIFY AVAILABLE CIRCUITS IN EXISTING PANELS ONCE DEMOLITION IS COMPLETE. FIELD VERIFY ALL REQUIREMENTS.
- MAINTAIN AND EXTEND THE EXISTING SIMPLEX #4100U FIRE ALARM SYSTEM THROUGHOUT THE CONSTRUCTION AREA AND THE BUILDING. SYSTEM SHALL BE ACTIVE AND MONITORED THROUGHOUT THE CONSTRUCTION PERIOD, PROVIDE FIRE WATCH, ETC. AS REQUIRED BY THE LOCAL AHJ.

**KEYED NOTES:**

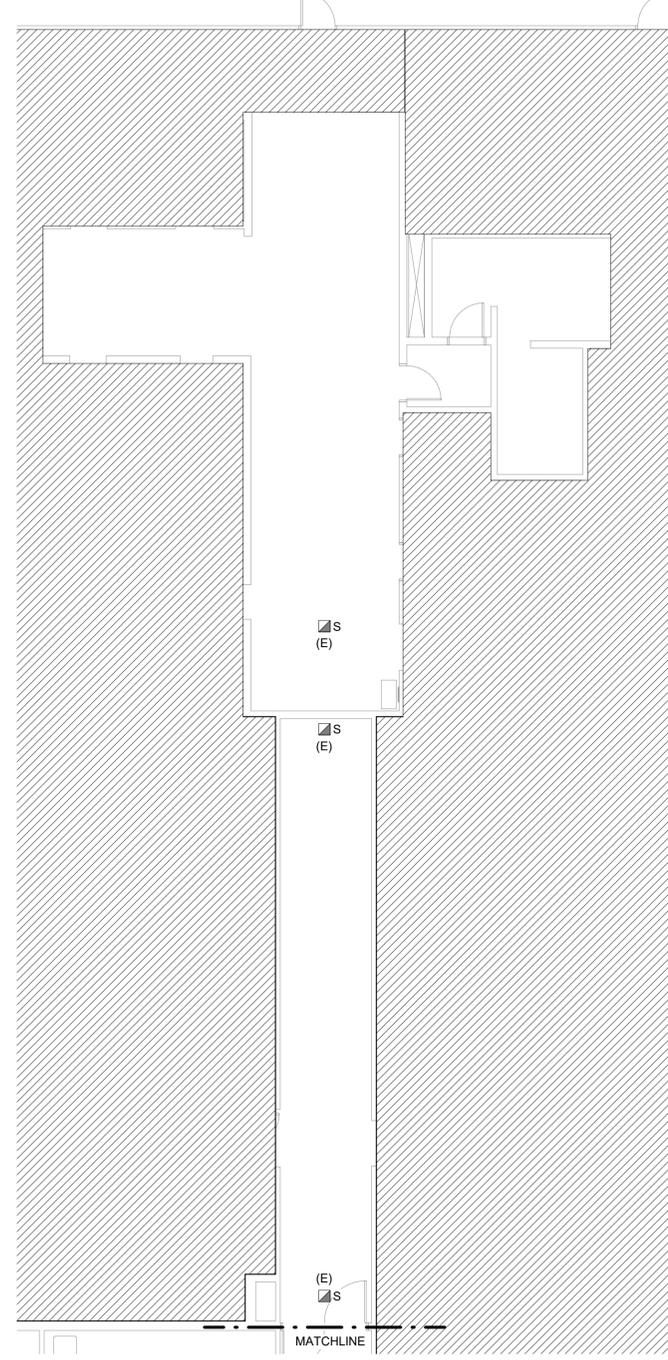
- COORDINATE DEVICE MOUNTING HEIGHTS WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
- DISCONNECT EXISTING FIRE ALARM DEVICE TO BE REINSTALLED IN NEW CEILING. BAG AND PROTECT DURING CONSTRUCTION.
- PROVIDE 3/4" PLYWOOD BACK BOARD, PAINTED ON ALL (6) SIDES WITH WHITE FIRE RETARDANT PAINT.
- PROVIDE TELECOMMUNICATIONS GROUND BUSBAR (TGB) AS SHOWN, WITH TELECOMMUNICATIONS BONDING BACKBONE (TBB) TO BUILDING TMGB, AS REQUIRED.
- PROVIDE AN ACCESS CONTROL REMOTE DOOR RELEASE KEYPAD AT THIS LOCATION FOR CONTROL OF DOORS # 400a, 401, & 440b. DOORS SHALL BE CAPABLE OF LOCKING OR UNLOCKING FROM THIS KEYPAD.
- PROVIDE A 12-STRAND SINGLE MODE FIBER FROM EXISTING IT ROOM ON 3RD FLOOR (APPROXIMATELY THIS LOCATION) TO NEW 418 B.I.T. ROOM #406.
- PROVIDE A DOORBELL/CHIME SYSTEM TO NOTIFY OCCUPANTS.



**2** 418 B I.T. - 406  
SCALE: 1/2" = 1'-0"



**1** FOURTH FLOOR NEW WORK PLAN - NORTH - POWER/SYSTEMS  
SCALE: 1/8" = 1'-0"



**3** FOURTH FLOOR NEW WORK PLAN - NORTH - POWER/SYSTEMS  
SCALE: 1/8" = 1'-0"