

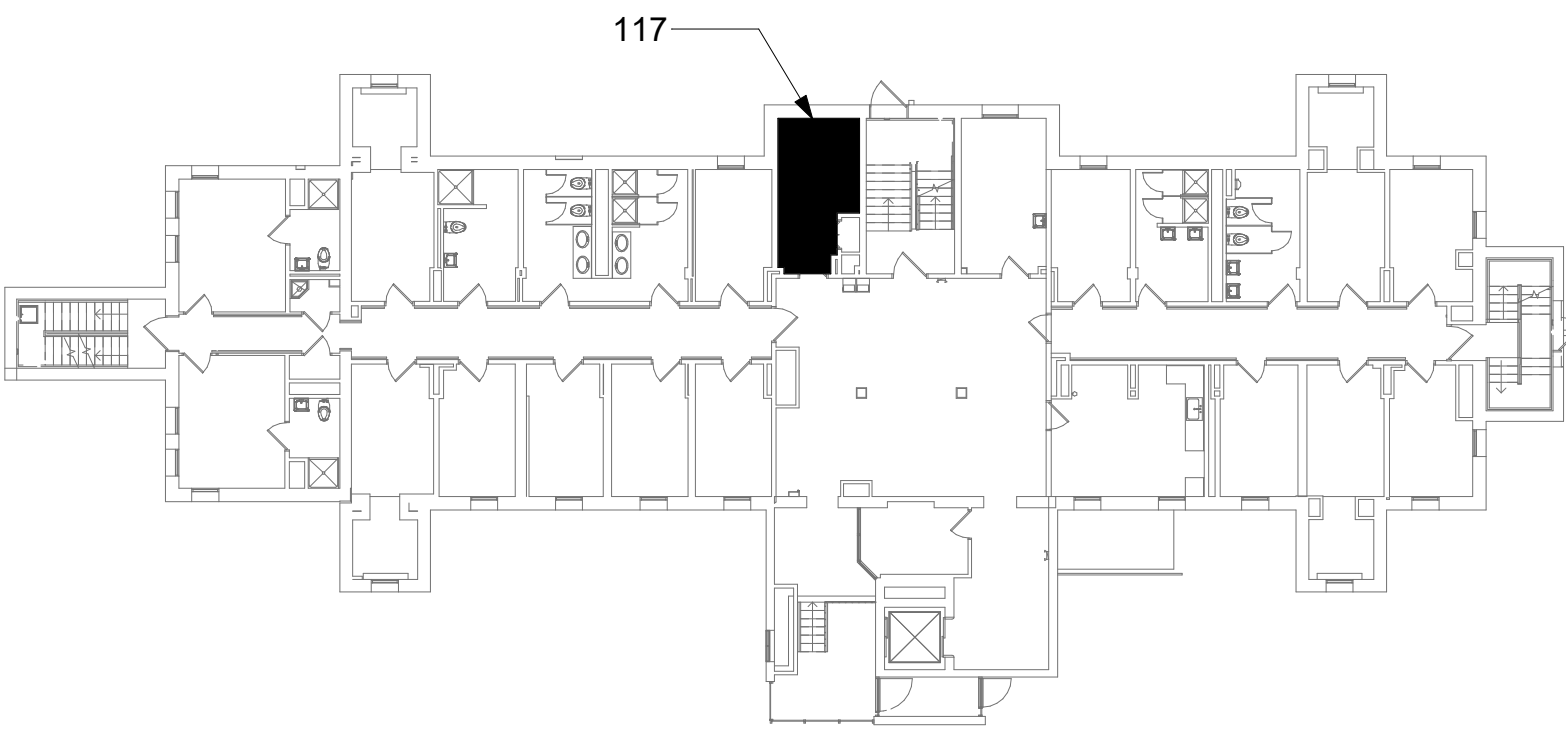
GENERAL NOTES

- DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA AND ENGINEER OF SAID DISCREPANCY.
- ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES.
- PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES BE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- FIELD VERIFY ALL RACEWAY DEMOLITION AND INSTALLATIONS PRIOR TO PERFORMING WORK.
- CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
- SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
- REFERENCE CORRESPONDING ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING FURNITURE, INCLUDING TRANSPORTATION, FOR ALL WORK TO DESIRED VA STORAGE LOCATION. COORDINATE WITH VA AS REQUIRED.

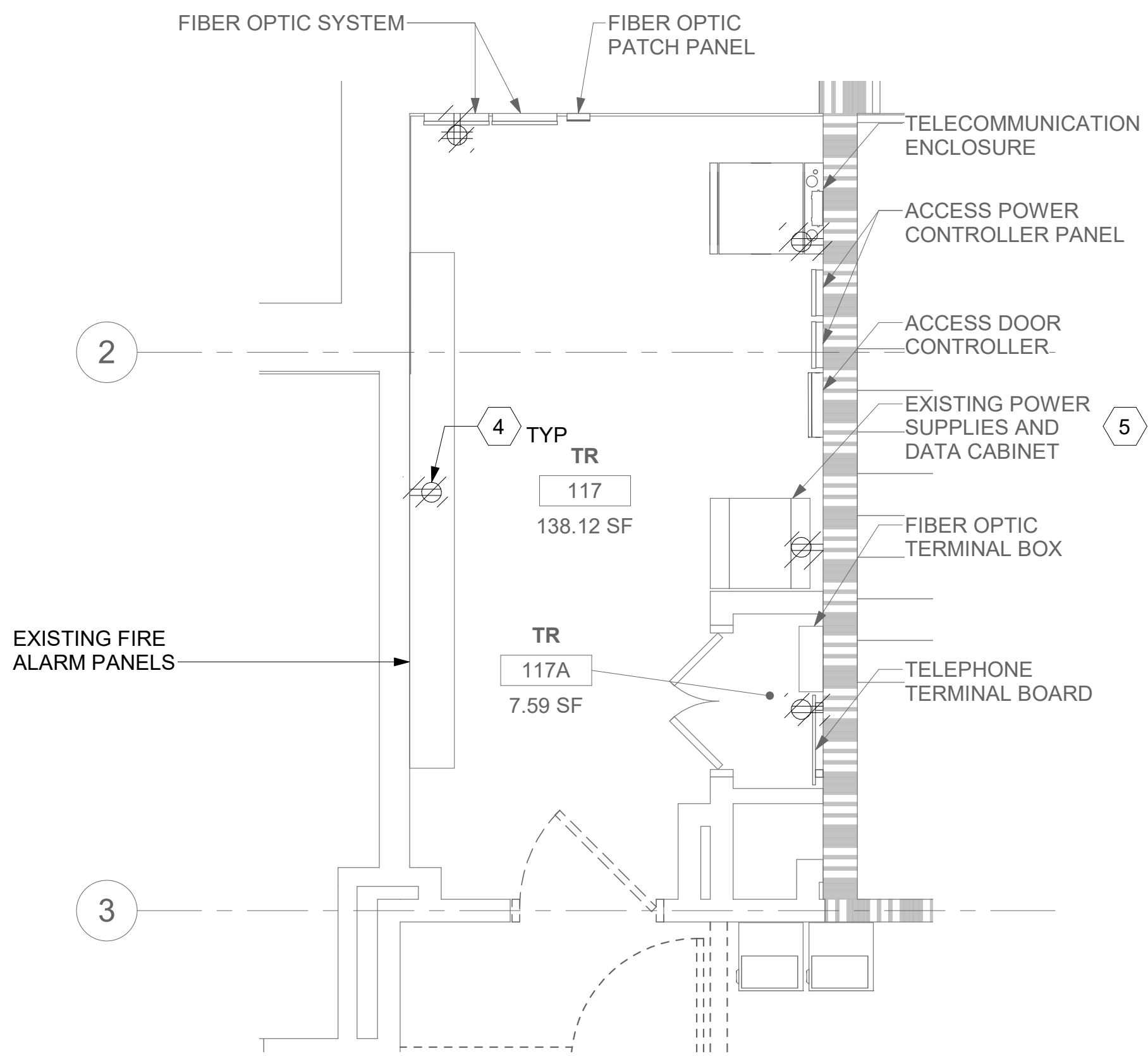
KEY NOTES

- SOURCE A POWER PANELBOARD "3-117A".
- SOURCE B POWER PANELBOARD "3-117B".
- SECONDARY BONDING BUS BAR.
- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- EXISTING SPECIAL SYSTEM EQUIPMENT. COORDINATE RELOCATION/DEMOLITION WITH TELECOMMUNICATIONS CONTRACTOR AS REQUIRED.
- AC UNIT IS CIRCUITED TO CORRESPONDING CONDENSING UNIT VIA MANUFACTURER'S CONNECTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
- OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.

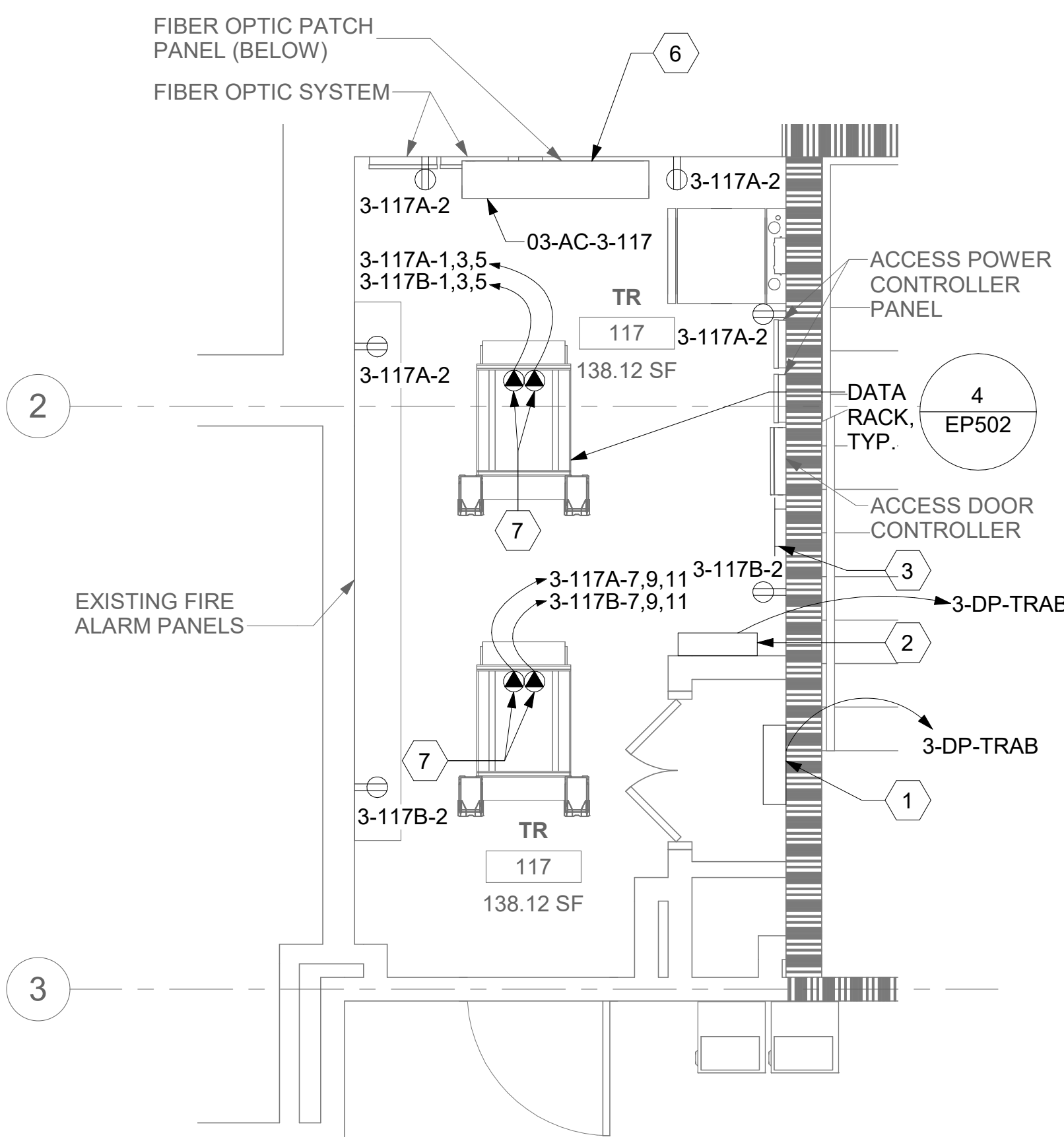
KEY PLAN



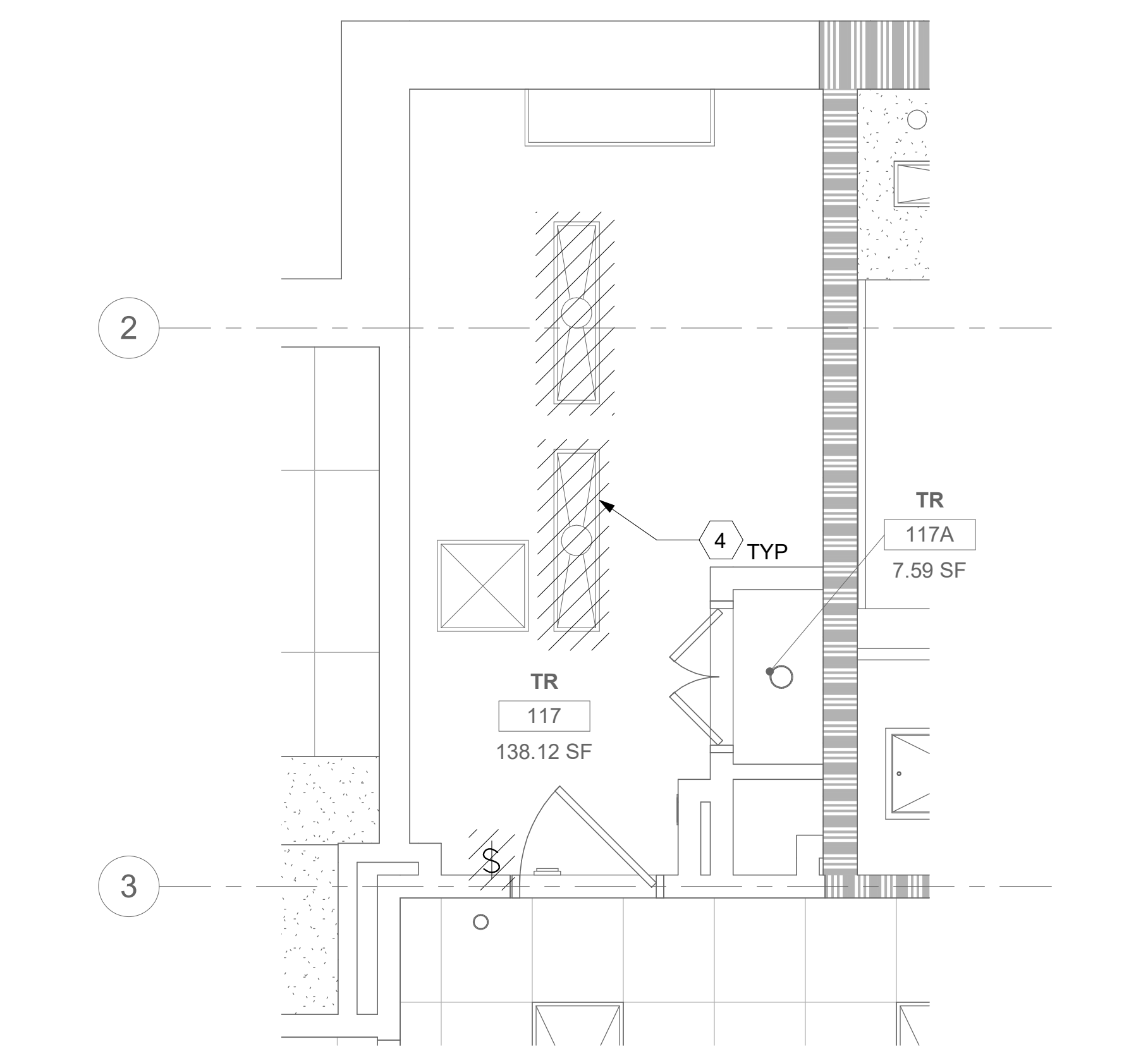
AREA OF WORK



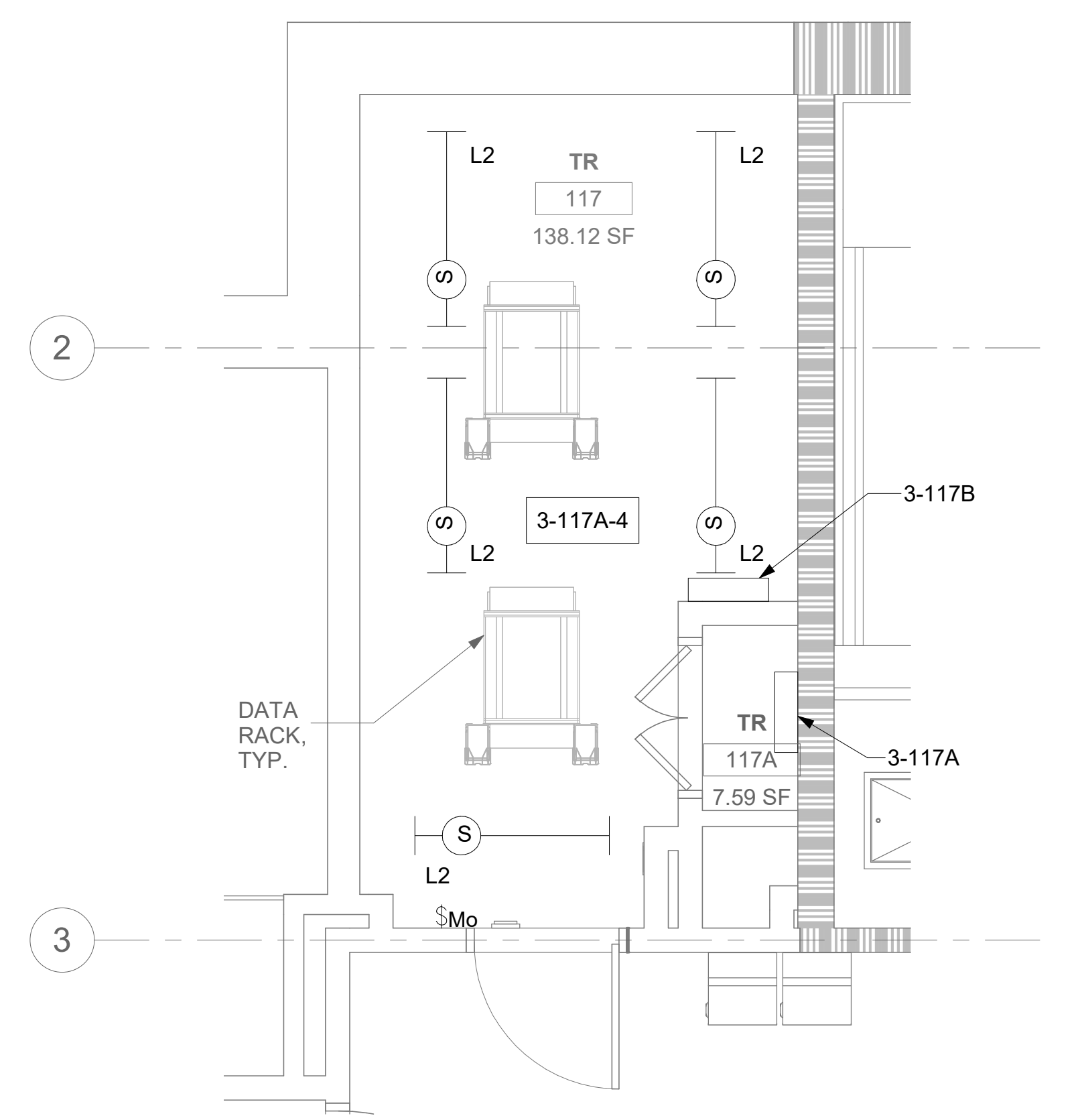
1 RM 117 - DEMOLITION ELECTRICAL PLAN  
03EP101 3/8" = 1'-0"



2 RM 117 - ELECTRICAL PLAN  
03EP101 3/8" = 1'-0"



3 RM 117 - DEMOLITION LIGHTING PLAN  
03EP101 3/8" = 1'-0"





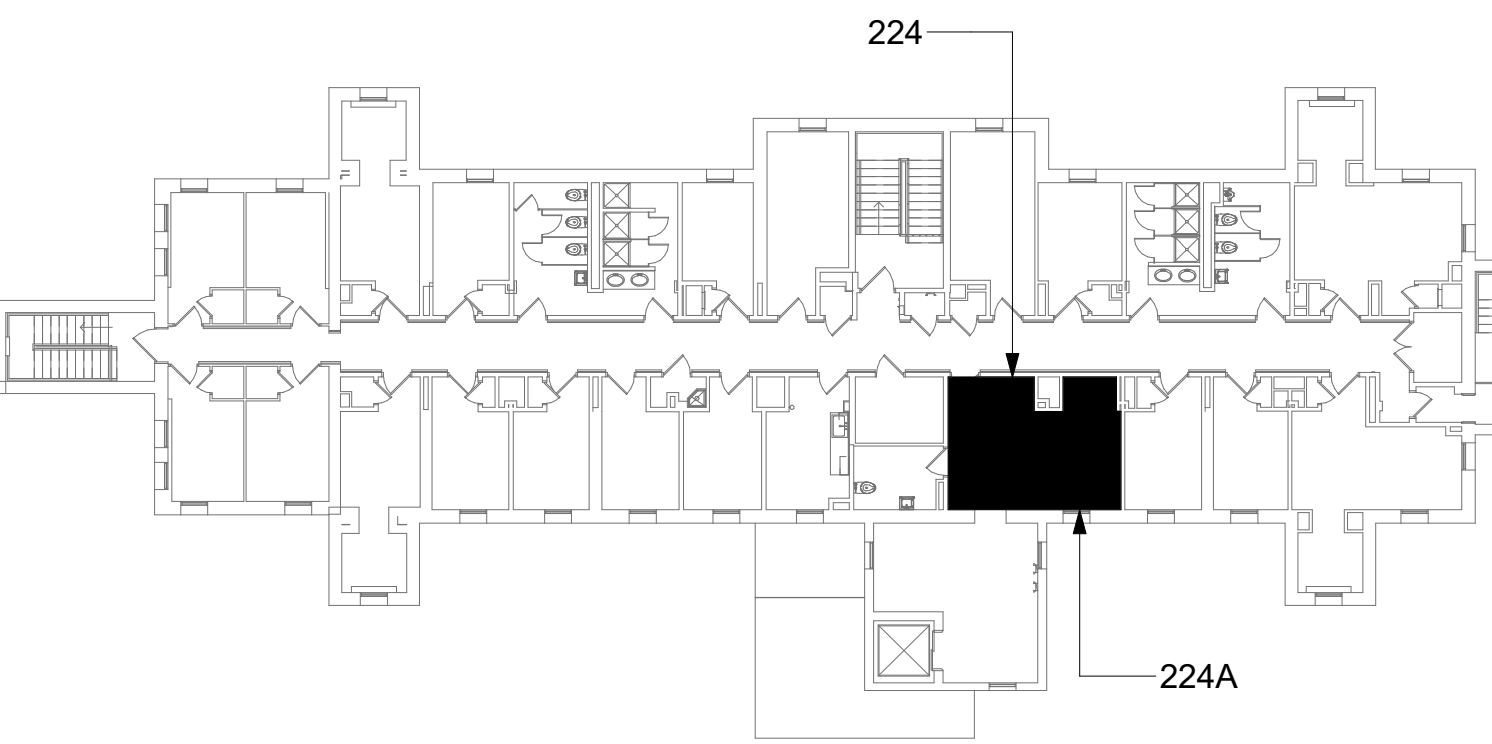
GENERAL NOTES

- DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA AND ENGINEER OF SAID DISCREPANCY.
- ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES.
- PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES BE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- FIELD VERIFY ALL RACEWAY DEMOLITION AND INSTALLATIONS PRIOR TO PERFORMING WORK.
- CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
- SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
- REFERENCE CORRESPONDING ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING FURNITURE, INCLUDING TRANSPORTATION, FOR ALL WORK TO DESIRED VA STORAGE LOCATION. COORDINATE WITH VA AS REQUIRED.

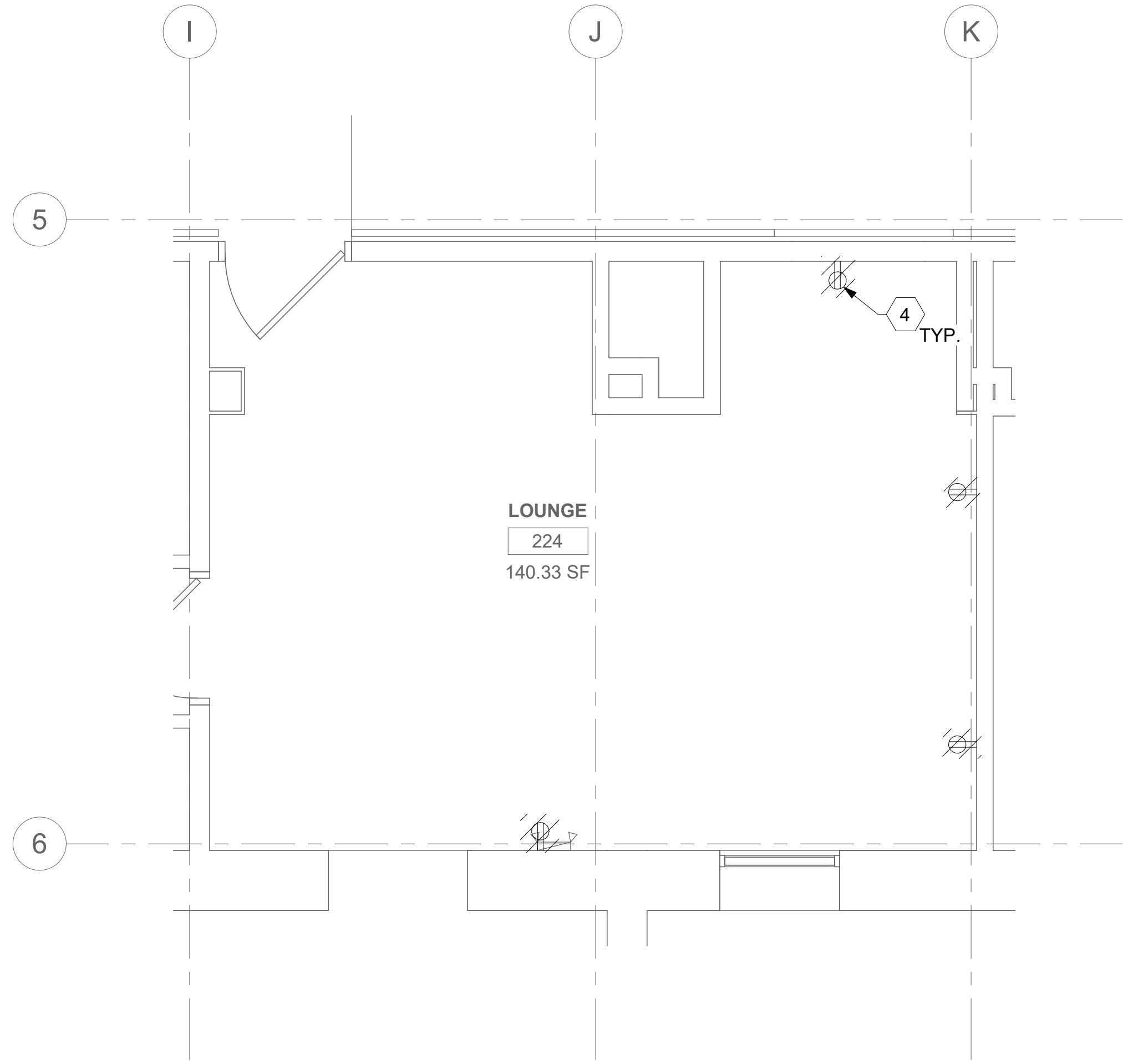
KEY NOTES

- SOURCE A POWER PANELBOARD "3-224AA".
- SOURCE B POWER PANELBOARD "3-224AB".
- SECONDARY BONDING BUS BAR.
- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- AC UNIT IS CIRCUITED TO CORRESPONDING CONDENSING UNIT VIA MANUFACTURER'S CONNECTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
- OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
- FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 087100 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.

KEY PLAN

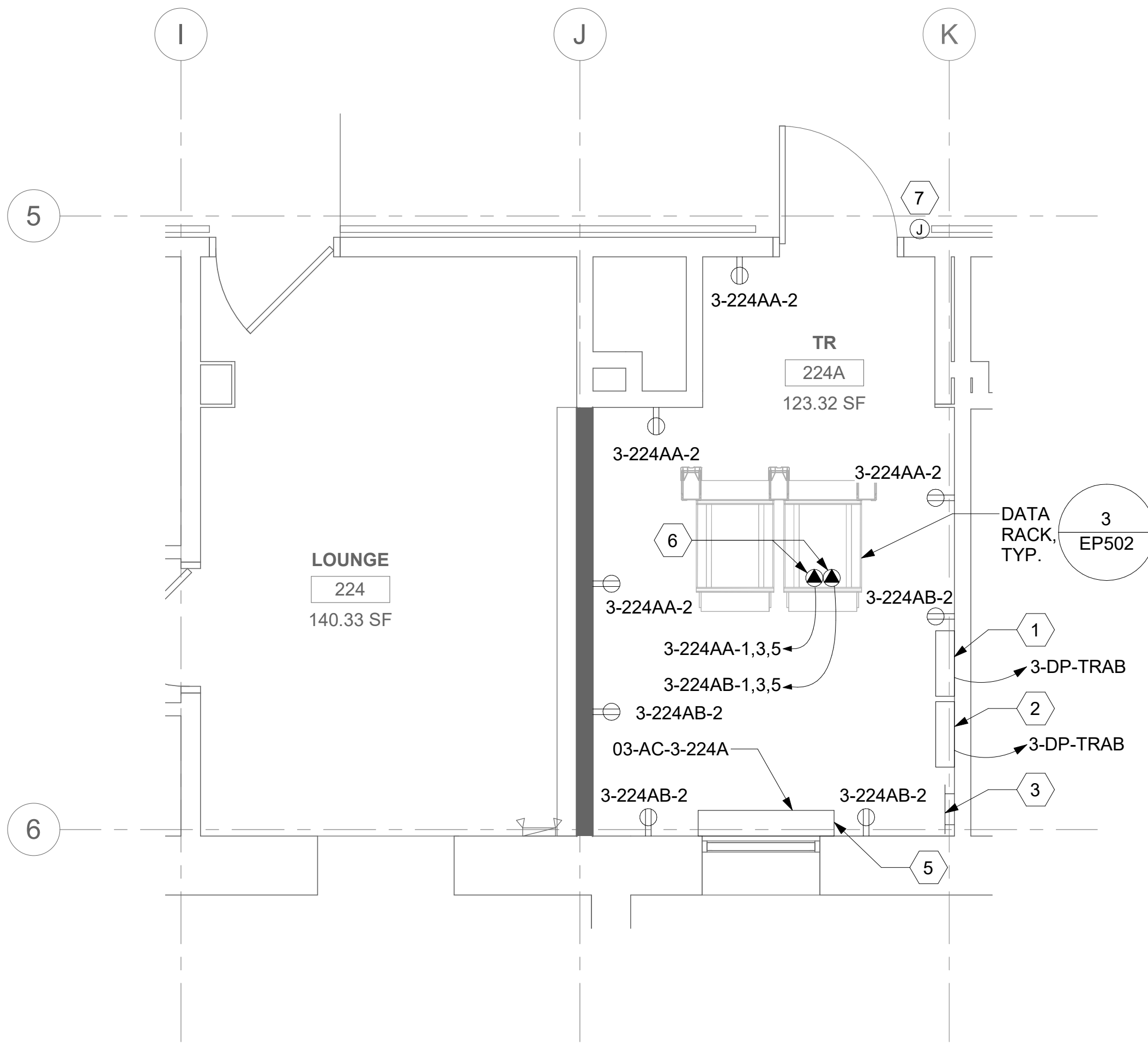


AREA OF WORK



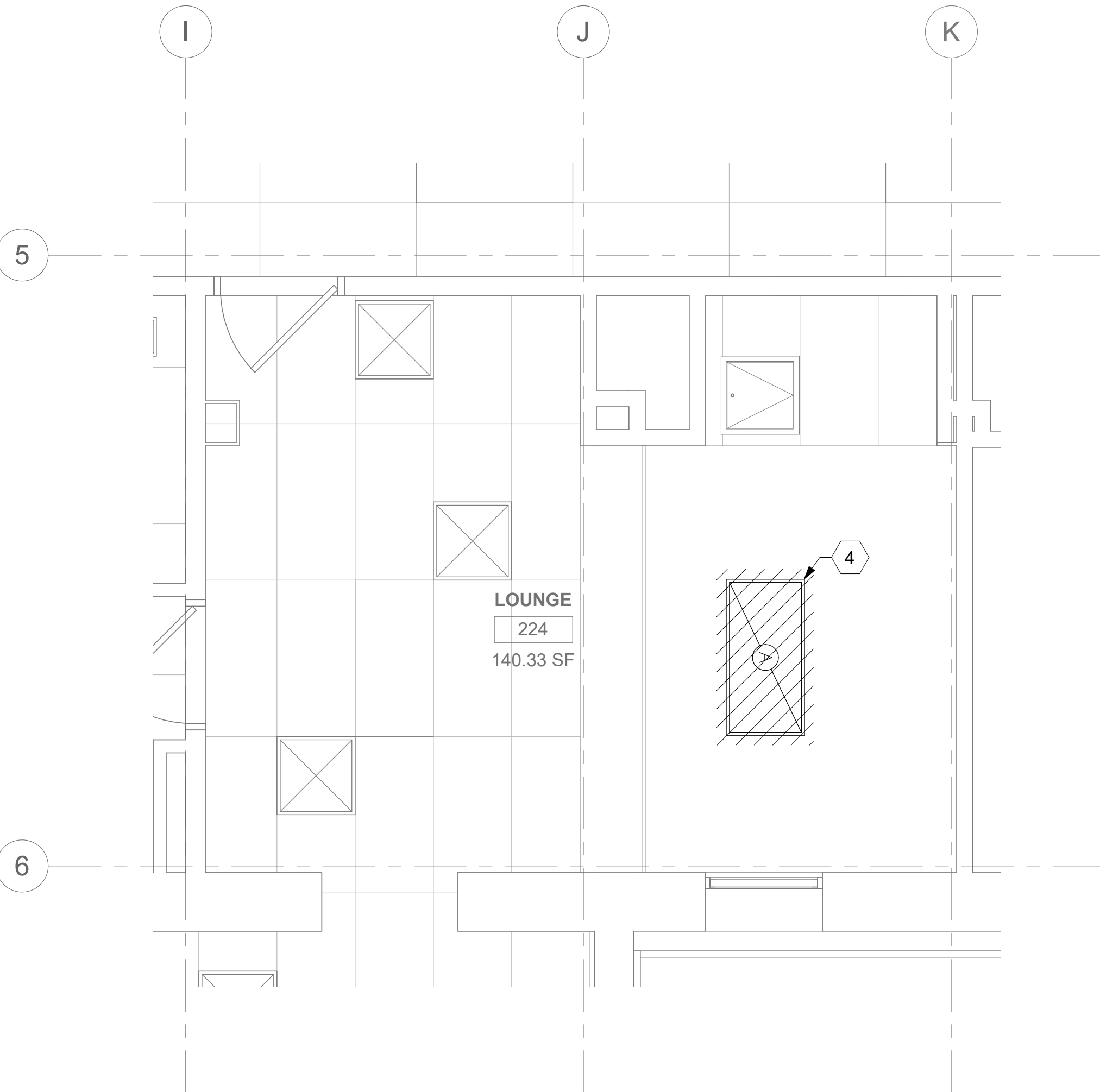
1 RM 224 - DEMOLITION ELECTRICAL PLAN

03EP102 3/8" = 1'-0"



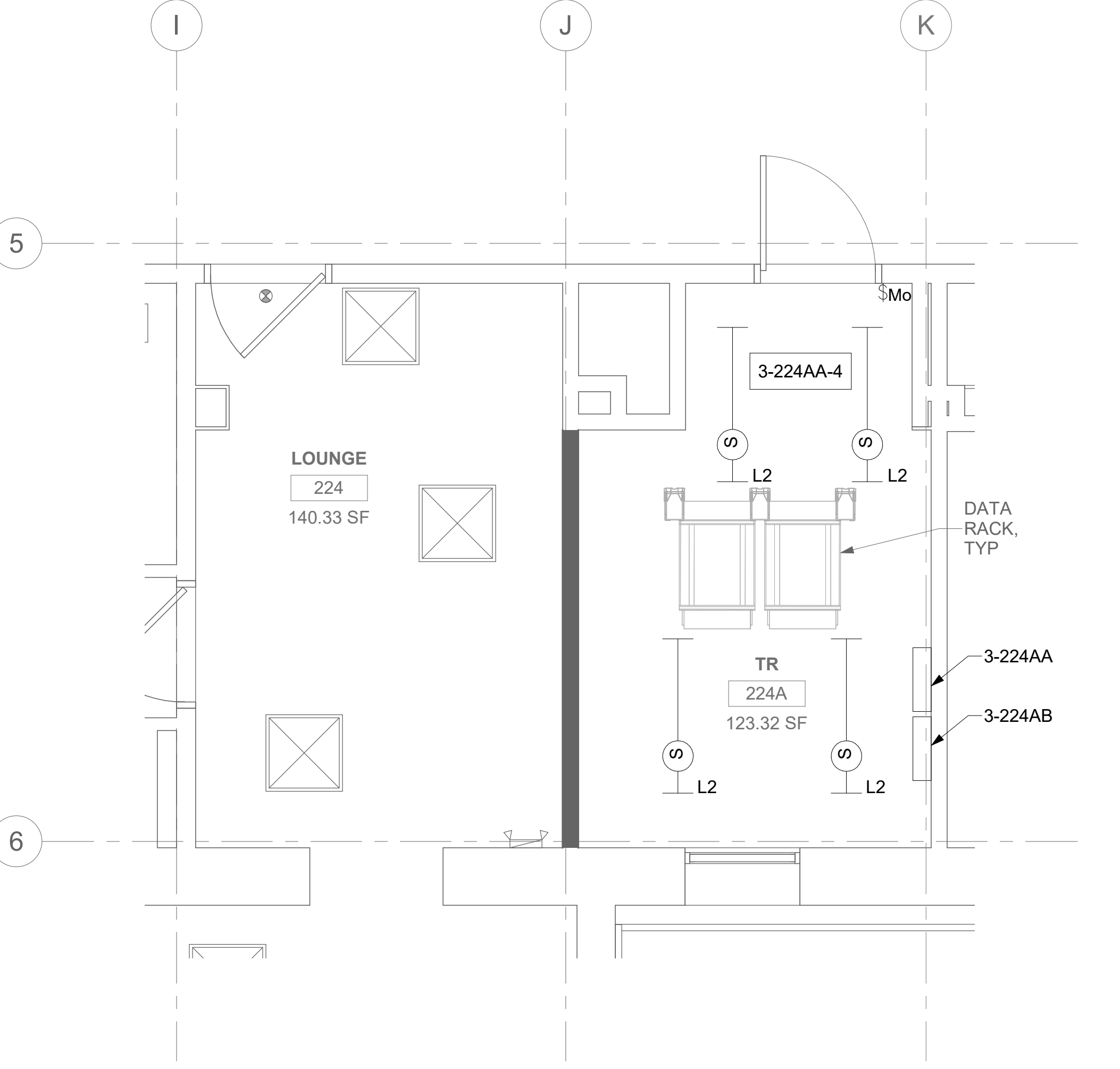
2 RM 224A - ELECTRICAL PLAN

03EP102 3/8" = 1'-0"



3 RM 224 - DEMOLITION LIGHTING PLAN

03EP102 3/8" = 1'-0"



4 RM 224A - LIGHTING PLAN

03EP102 3/8" = 1'-0"

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES

STAMP

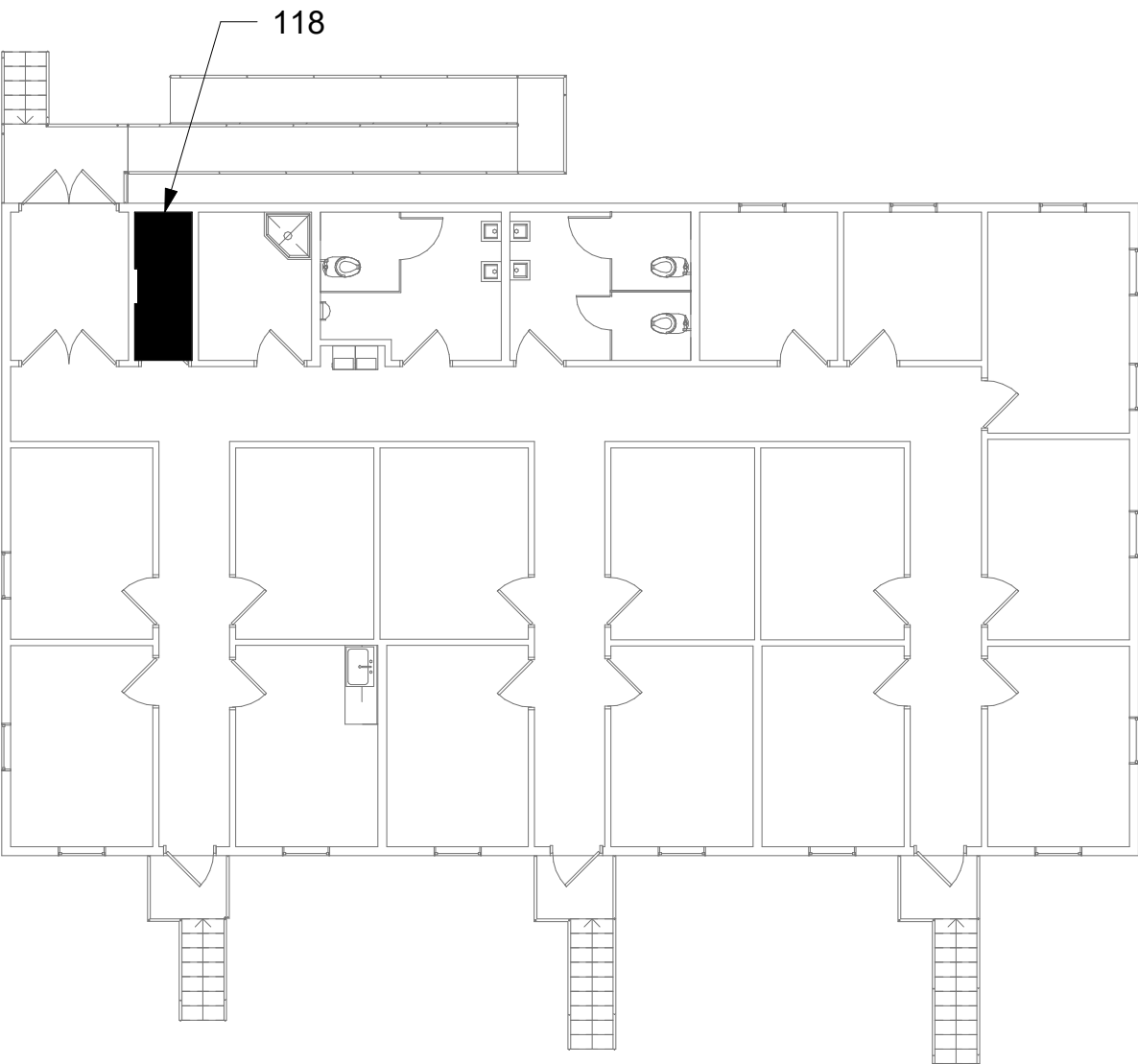
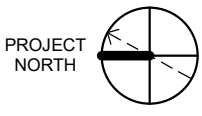
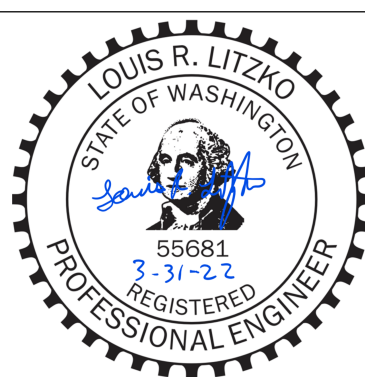


Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title
BLDG 03 - FLOOR 2 - ENLARGED ELECTRICAL PLANS
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM - INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
LRL/WM
Drawn
LLT/JPS

Project Number
657-21-701JB
Building Number
03
Drawing Number
03EP402
200 OF 435

1	2	3	4	5	6	7	8	9	10												
								<b>GENERAL NOTES</b>													
								1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA AND ENGINEER OF SAID DISCREPANCY.													
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								5. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES BE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.													
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								<b>KEY NOTES</b>													
								1 IN-LINE TRANSFER FAN WITH SPEED CONTROLLER. COORDINATE SPEED CONTROLLER INSTALLATION LOCATION WITH MECHANICAL CONTRACTOR.													
								2 UPS RECEPTACLE.													
								3 CONTRACTOR SHALL REPLACE EXISTING RACK-MOUNTED UPS WITH NEW UPS. UPS SHALL BE 3kW, 120V, 1-PHASE, APC #SMX3000RMLV2U, OR EQUAL.													
								<b>KEY PLAN</b>													
																					
								AREA OF WORK													
																					
		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number					
				A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES				 U.S. Department of Veterans Affairs		BLDG 03T - FLOOR 1 - ENLARGED ELECTRICAL PLANS		CONSTRUCTION DOCUMENTS		EHRM - INFRASTRUCTURE UPGRADES		657-21-701JB					
										Approved:		FULLY SPRINKLERED		Location JEFFERSON BARRACKS - 1 JEFFERSON BARRACKS DRIVE - ST. LOUIS, MO 63125		Building Number 03T					
Revisions:		Date:												Issue Date 03/31/2022		Checked LRL/WM		Drawn LLT/JPS		Drawing Number 03TEP401	
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VA FORM 08 - 6231																					
1	2	3	4	5	6	7	8	9	10												



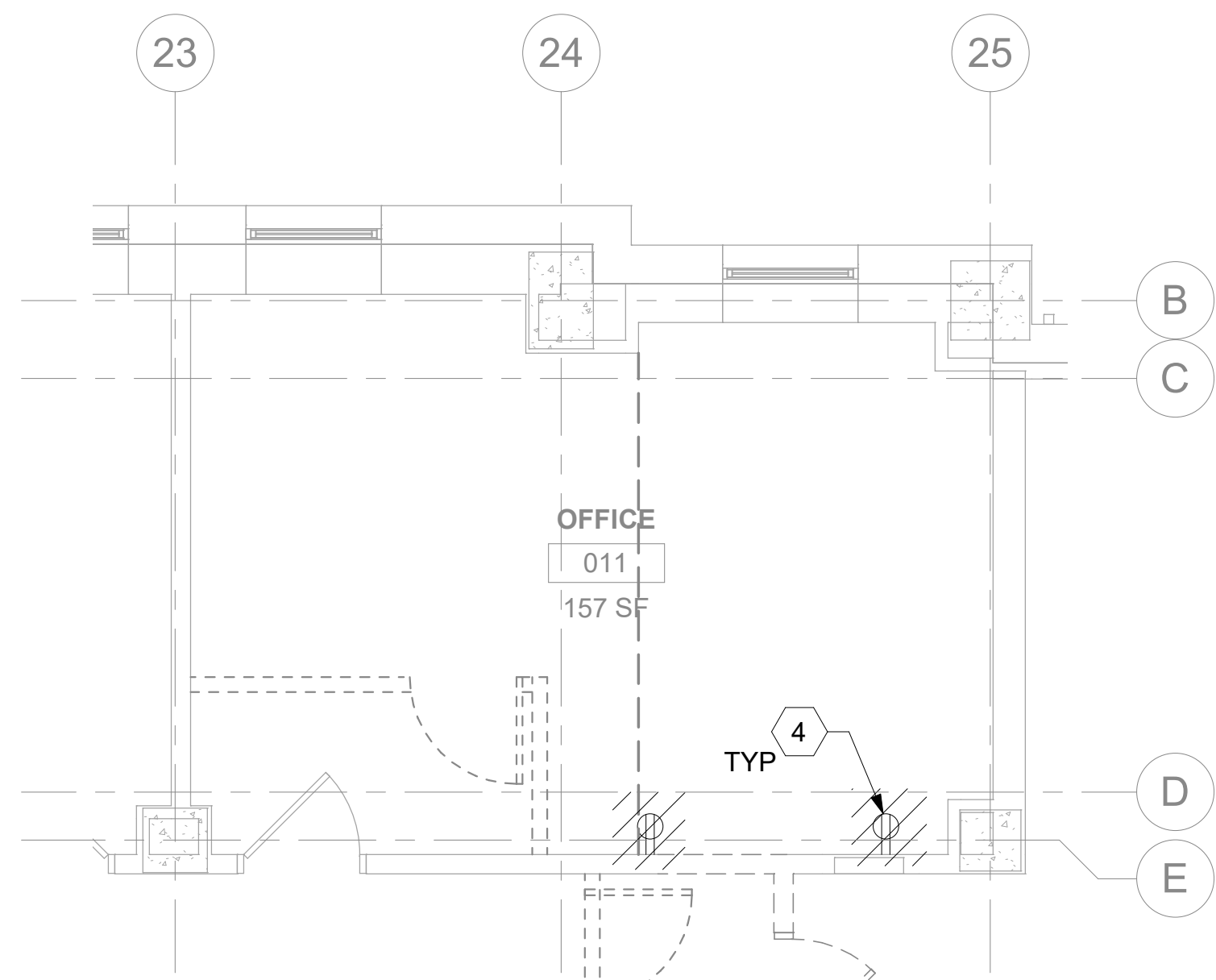
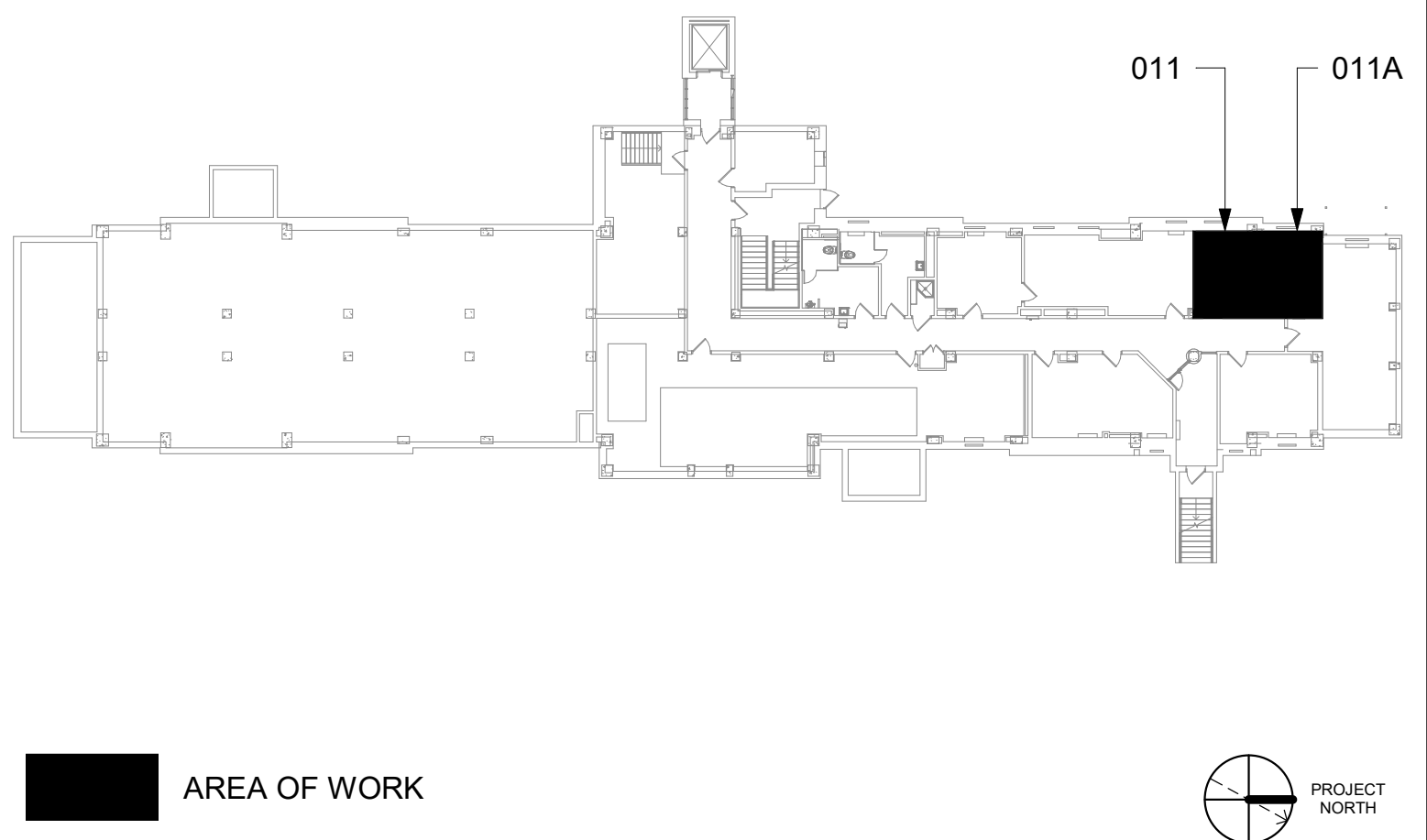
## GENERAL NOTES

- DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA AND ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER AND SIGNAL DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
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6. FIELD VERIFY ALL RACEWAY DEMOLITION AND INSTALLATIONS PRIOR TO PERFORMING WORK.
7. CONTRACTOR TO COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
8. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
9. REFERENCE CORRESPONDING ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
10. THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING FURNITURE, INCLUDING TRANSPORTATION, FOR ALL WORK TO DESIRED VA STORAGE LOCATION. COORDINATE WITH VA AS REQUIRED.

## KEY NOTES

- 1 SOURCE A POWER PANELBOARD "18-011A".
- 2 SOURCE B POWER PANELBOARD "18-011B".
- 3 SECONDARY BONDING BUS BAR.
- 4 EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- 5 CIRCUIT RECEPTACLES TO SAME PANEL AND CIRCUIT AS THE EXISTING RECEPTACLES THAT WERE DEMOLISHED FROM ROOM. REFERENCE DETAIL 1 ON THIS SHEET FOR ADDITIONAL INFORMATION.
- 6 AC UNIT IS CIRCUITED TO CORRESPONDING CONDENSING UNIT VIA MANUFACTURER'S CONNECTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
- 7 OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
- 8 FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILING. VERIFY WITH ARCHITECT PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 087100 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.

## KEY PLAN

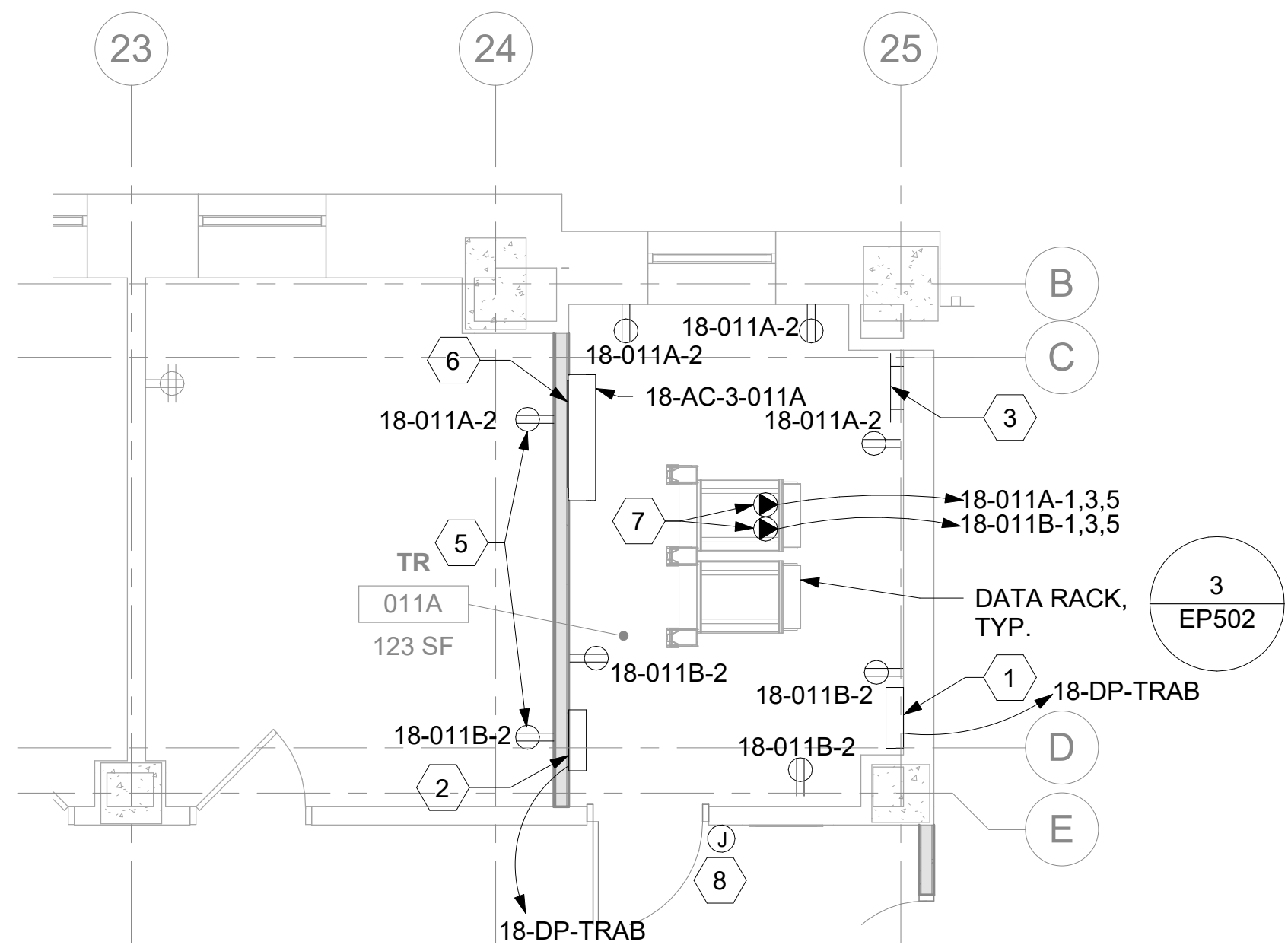


1 RM 011 - DEMOLITION ELECTRICAL PLAN

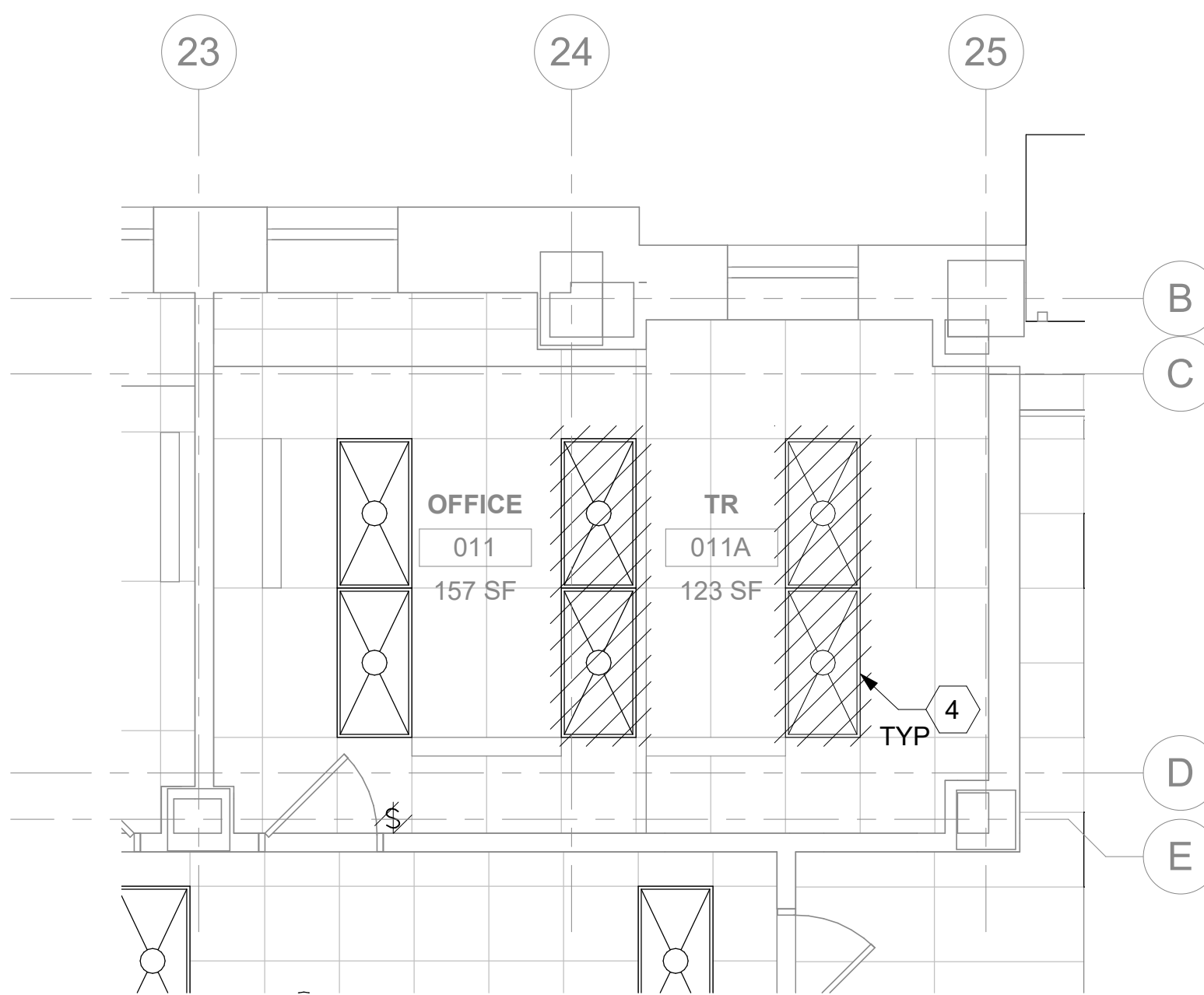
18EP100 1/4" = 1'-0"

0' 2' 4' 6'

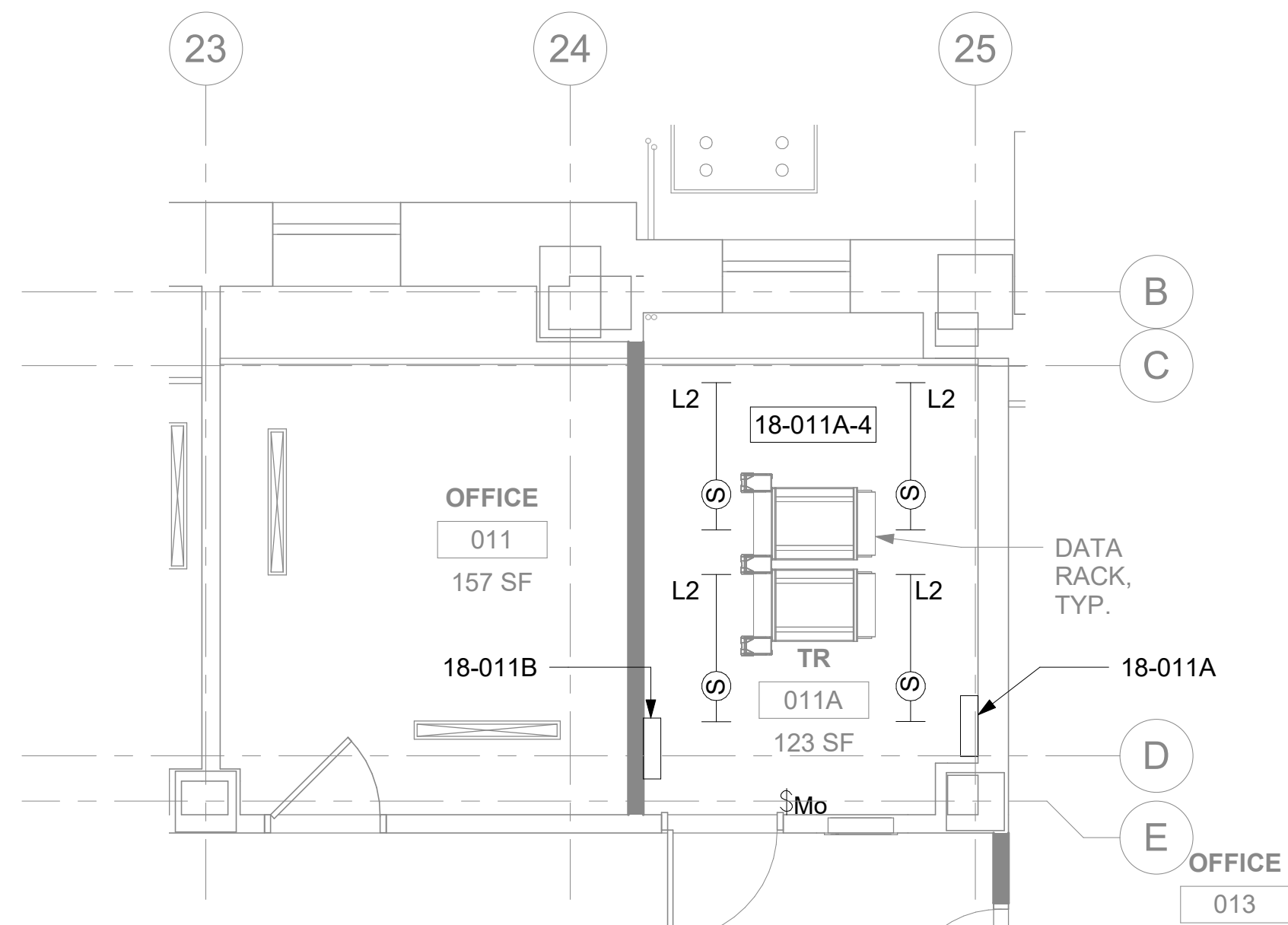
PROJECT NORTH



2 RM 011A - ELECTRICAL PLAN  
18EP100 1/4" = 1'-0" 0 2' 4' 8' PROJECT NORTH



3 RM 011 - DEMOLITION LIGHTING PLAN  
18EP100 1/4" = 1'-0"



4 RM 011A - LIGHTING PLAN  
18EP100 1/4" = 1'-0" 0' 2' 4' 8' PROJECT NORTH

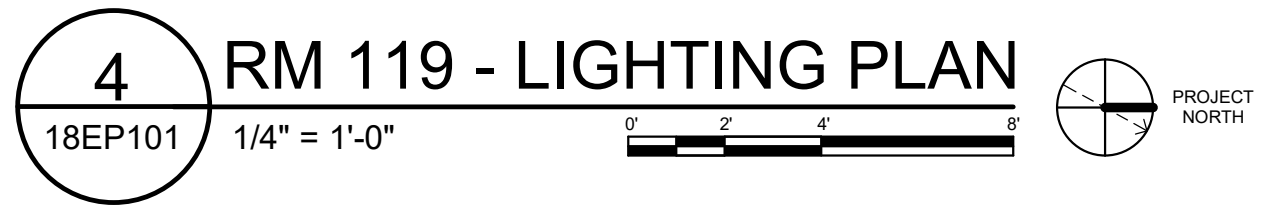
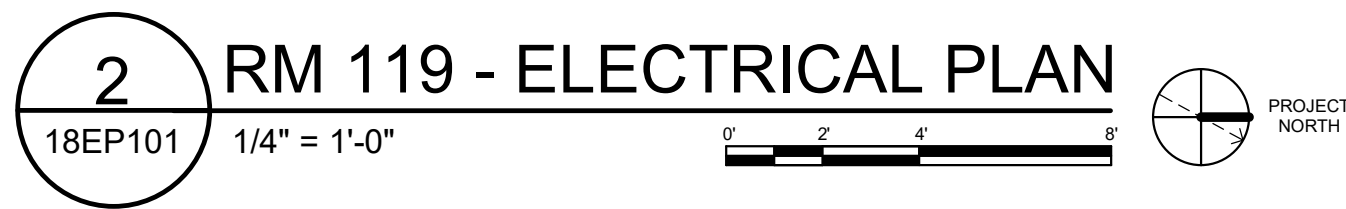
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## KEY NOTES

- 1 SOURCE A POWER PANELBOARD "18-119A".
- 2 SOURCE B POWER PANELBOARD "18-119B".
- 3 SECONDARY BONDING BUS BAR.
- 4 EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- 5 EXISTING EQUIPMENT SHALL BE RELOCATED AS SHOWN. EXTEND ALL RACEWAYS AND CONDUCTORS AS REQUIRED.
- 6 EXISTING SPECIAL SYSTEM EQUIPMENT. COORDINATE RELOCATION/DEMOLITION WITH TELECOMMUNICATIONS CONTRACTOR AS REQUIRED.
- 7 EXISTING PANEL TO BE MODIFIED. REFERENCE ONE-LINE DIAGRAM ON SHEET 18EP601 AND LOAD SCHEDULES ON SHEET 18EP701.
- 8 AC UNIT IS CIRCUITED TO CORRESPONDING CONDENSING UNIT VIA MANUFACTURER'S CONNECTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
- 9 OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
- 10 EQUIPMENT TO BE ADDED. REFERENCE ONE-LINE DIAGRAM ON SHEET 18EP601 FOR ADDITIONAL INFORMATION.
- 11 FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 087100 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.

## KEY PLAN

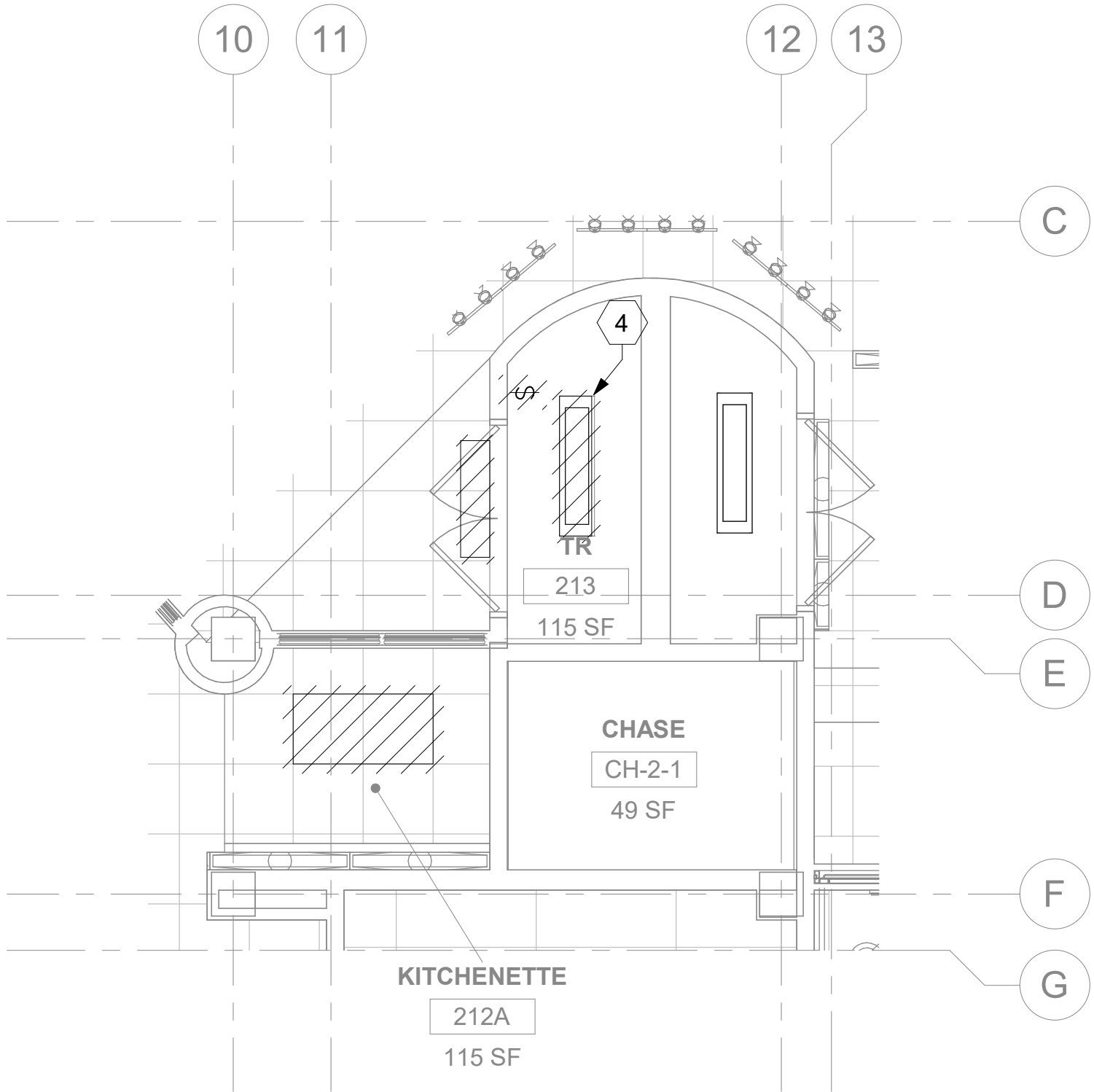




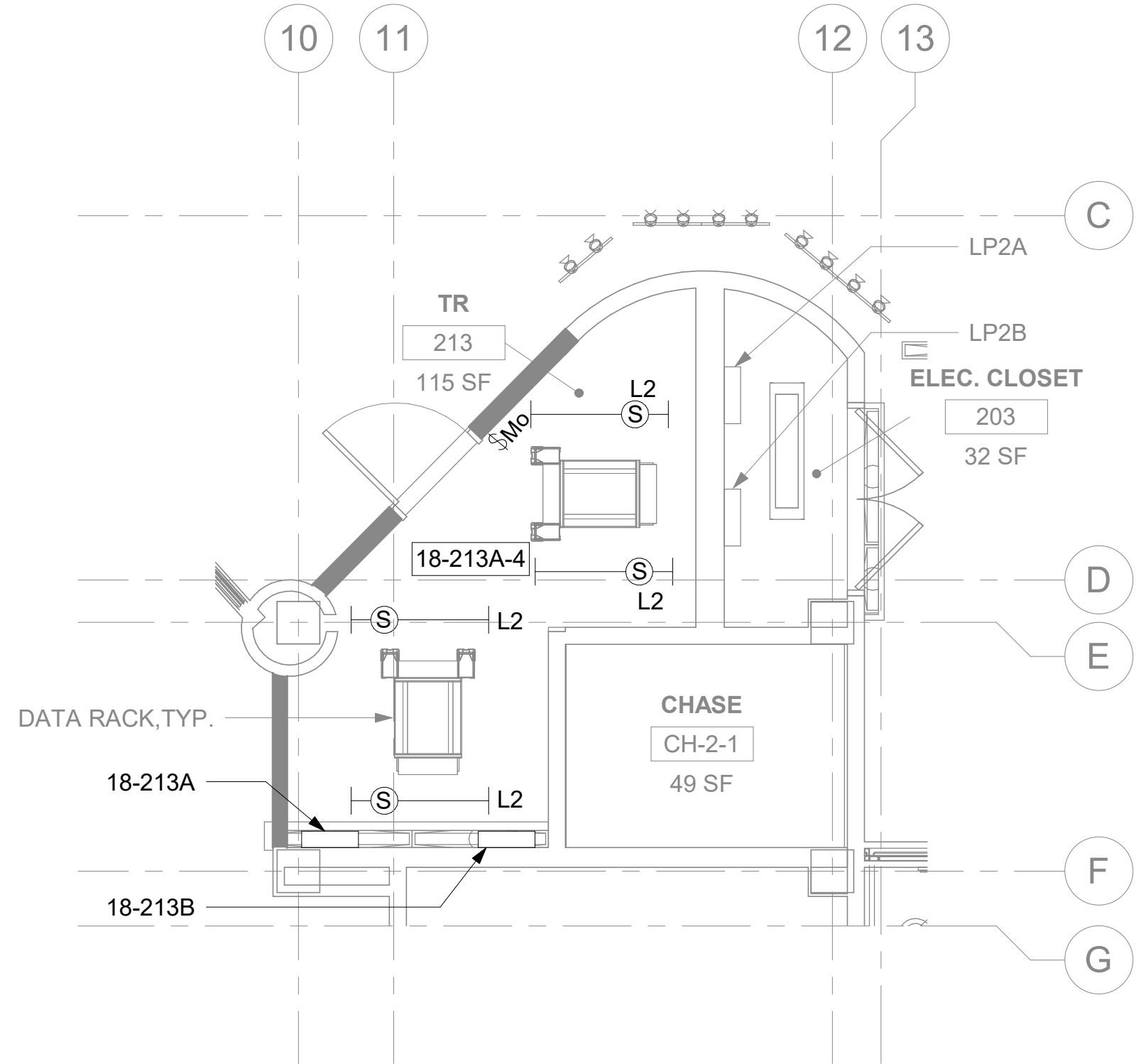
## KEY NOTES

- 1 SOURCE A POWER PANELBOARD "18-213A".
- 2 SOURCE B POWER PANELBOARD "18-213B".
- 3 SECONDARY BONDING BUS BAR.
- 4 EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- 5 OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
- 6 AC UNIT IS CIRCUITED TO CORRESPONDING CONDENSING UNIT VIA MANUFACTURER'S CONNECTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
- 7 FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 087100 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.

## KEY PLAN



3 RM 212A & 213 - DEMOLITION LIGHTING PLAN  
18EP102 1/4" = 1'-0" 0' 1' 2' 4' PROJECT NORTH



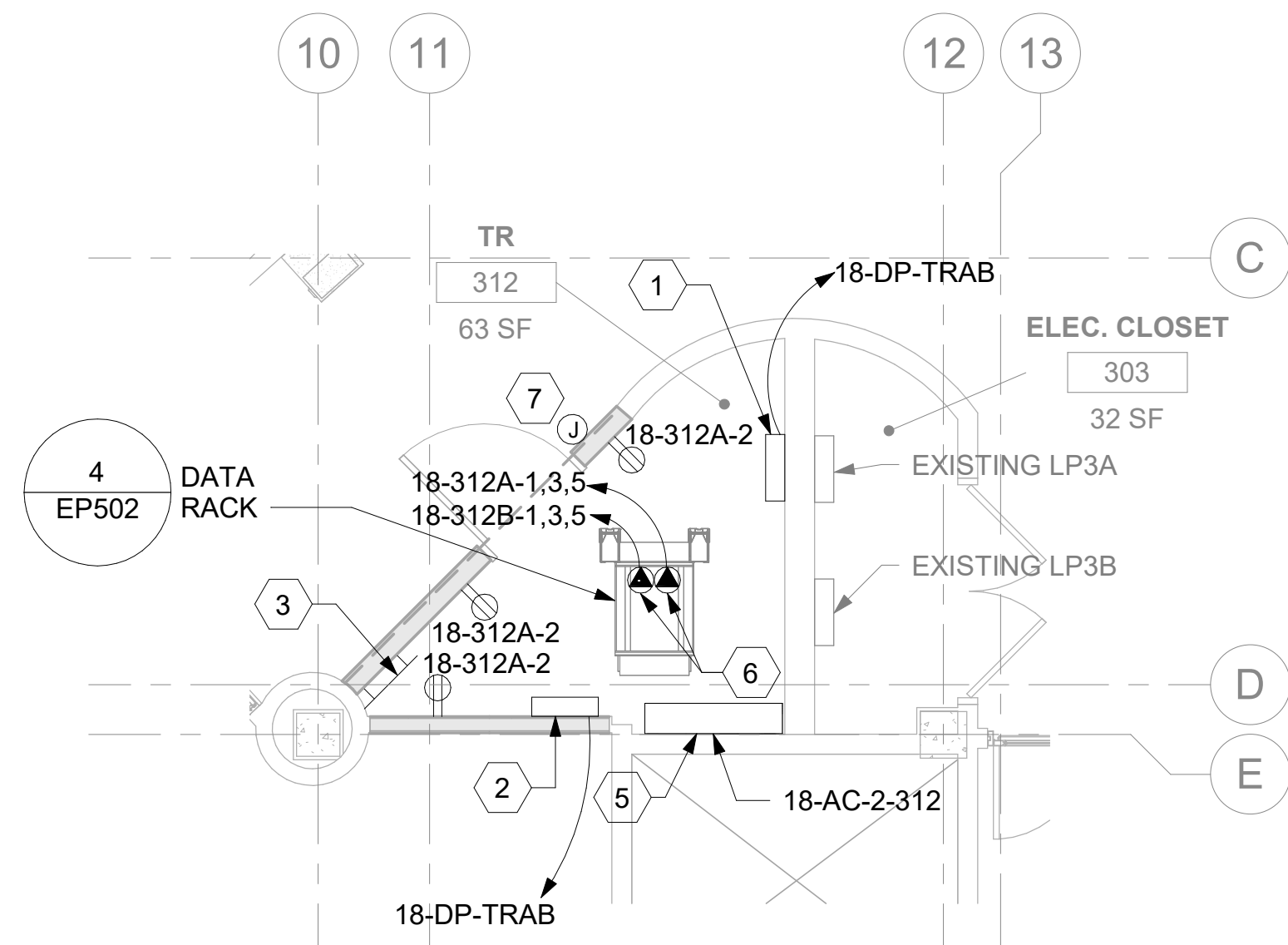
4 RM 213 - LIGHTING PLAN  
18EP102 1/4" = 1'-0" 0' 1' 2' 4' PROJECT NORTH



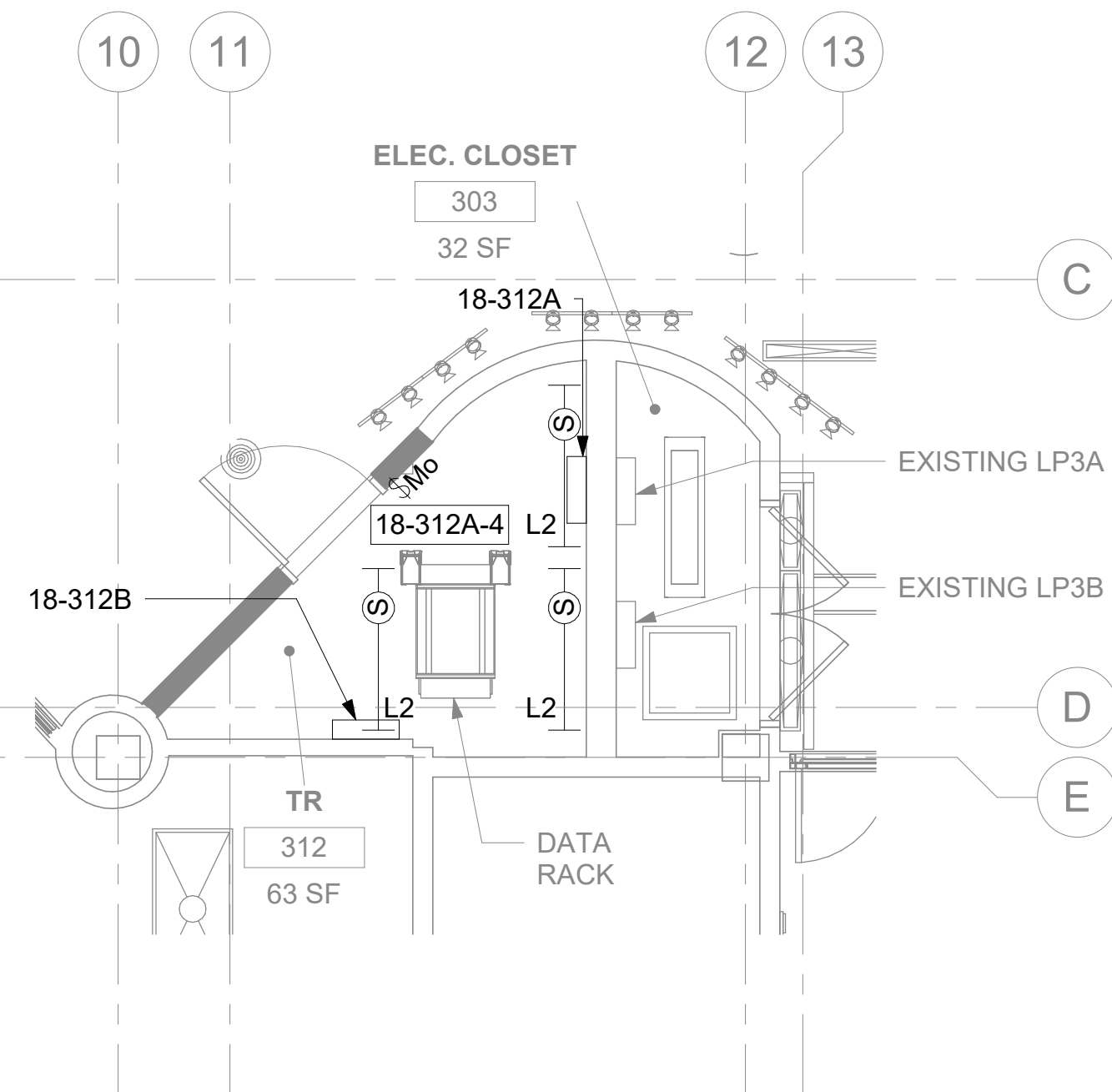
## KEY NOTES

- 1 SOURCE A POWER PANELBOARD "18-312A".
- 2 SOURCE B POWER PANELBOARD "18-312B".
- 3 SECONDARY BONDING BUS BAR.
- 4 EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- 5 AC UNIT IS CIRCUITED TO CORRESPONDING CONDENSING UNIT VIA MANUFACTURER'S CONNECTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
- 6 OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
- 7 FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 087100 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.

## KEY PLAN



2 RM 312 - ELECTRICAL PLAN  
18EP103 1/4" = 1'-0" 0' 2' 4' 8' PROJECT NORTH



4 RM 312 - LIGHTING PLAN

18EP103 1/4" = 1'-0"

0' 2' 4' 6'

PROJECT NORTH

[illegible]



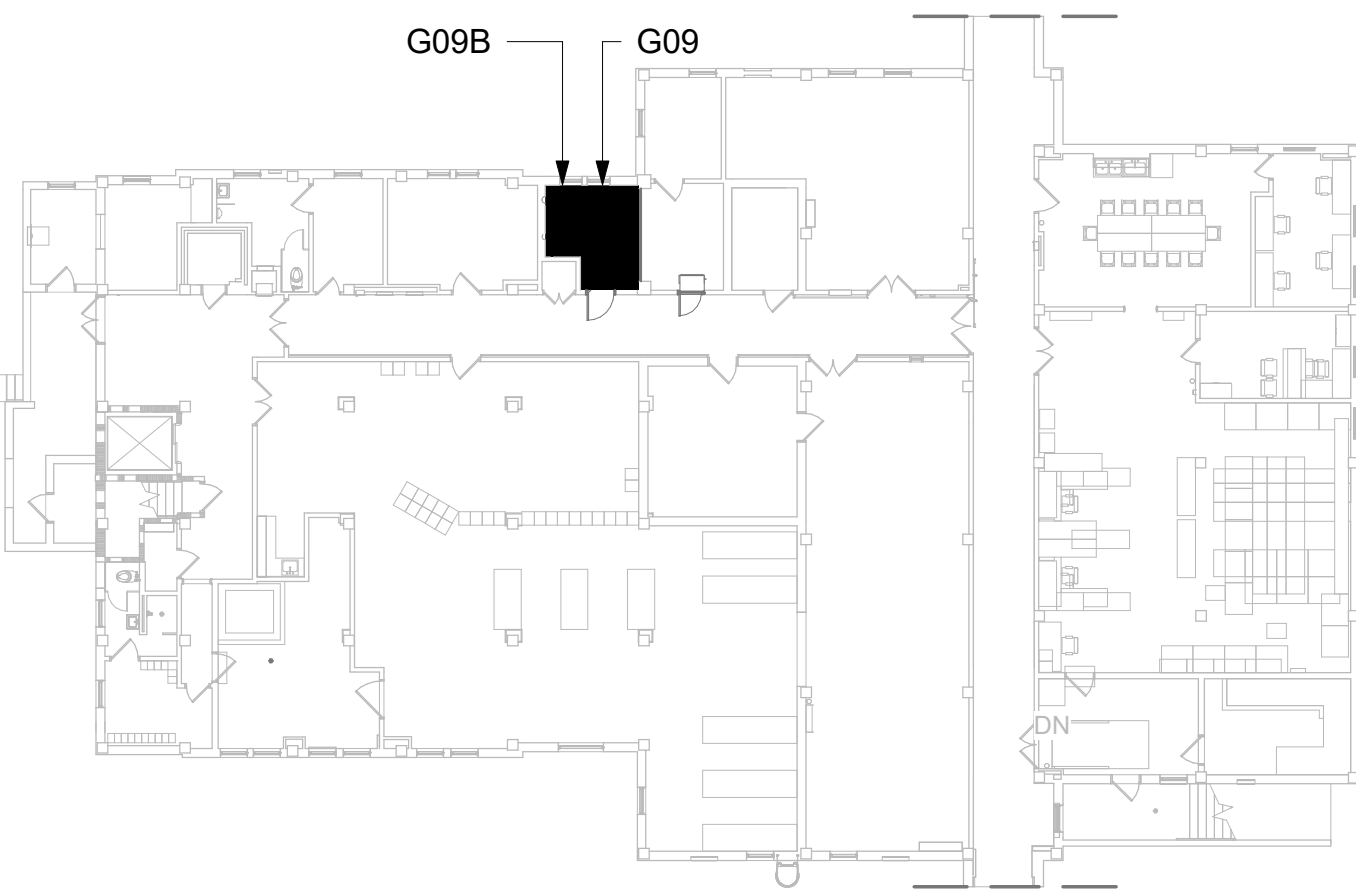
GENERAL NOTES

- DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA AND ENGINEER OF SAID DISCREPANCY.
- ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER AND SIGNAL DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
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- SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
- REFERENCE CORRESPONDING ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
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KEY NOTES

- SOURCE A POWER PANELBOARD "23-G09BA".
- SOURCE B POWER PANELBOARD "23-G09BB".
- SECONDARY BONDING BUS BAR.
- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
- AC UNIT IS CIRCUITED TO CORRESPONDING CONDENSING UNIT VIA MANUFACTURER'S CONNECTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
- FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 087100 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
- PROVIDE REQUIRED ELECTRICAL CONNECTIONS FOR RELOCATED MECHANICAL EQUIPMENT.

KEY PLAN



AREA OF WORK

1 RM G09 - DEMOLITION ELECTRICAL PLAN

23EP100 3/8" = 1'-0"

2 RM G09B - ELECTRICAL PLAN

23EP100 3/8" = 1'-0"

3 RM G09 - DEMOLITION LIGHTING PLAN

23EP100 3/8" = 1'-0"

4 RM G09B - LIGHTING PLAN

23EP100 3/8" = 1'-0"

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES

STAMP

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

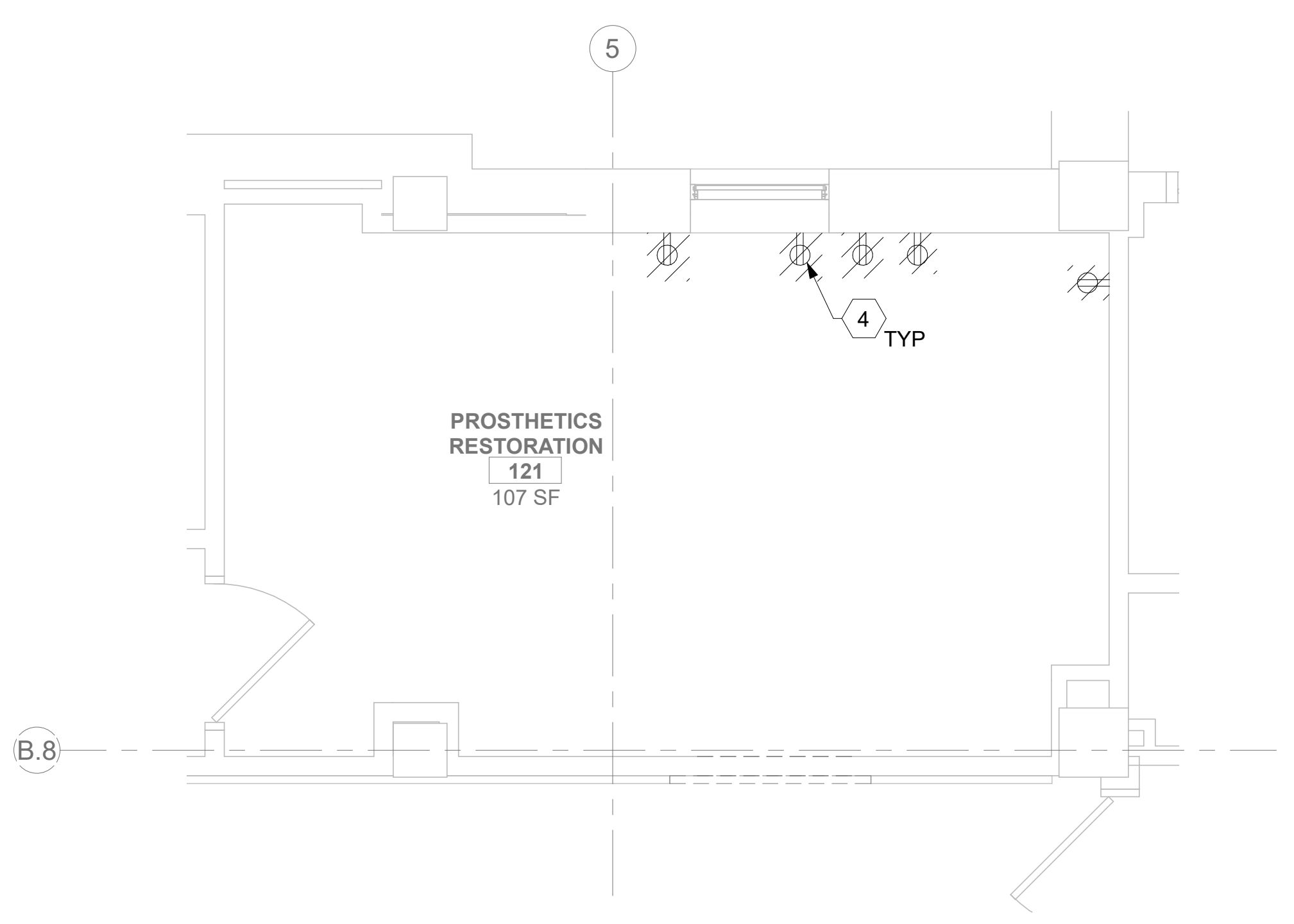
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BLDG 23 - FLOOR 0 - ENLARGED ELECTRICAL PLANS
Approved:

Phase
CONSTRUCTION DOCUMENTS
NON SPRINKLERED

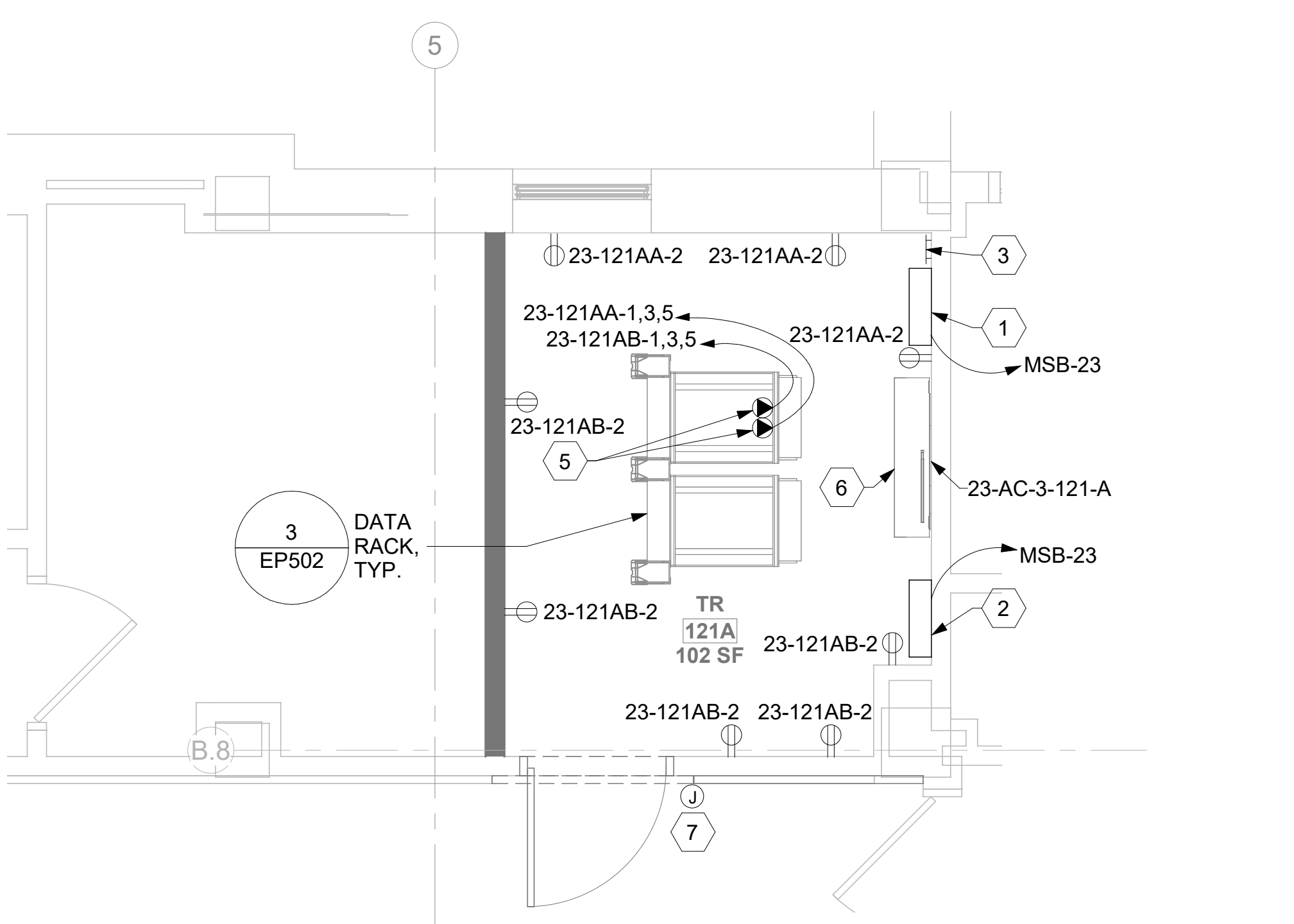
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EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
LRL/WM
Drawn
LLT/JPS

Project Number
657-21-701JB
Building Number
23
Drawing Number
23EP400
206 OF 435

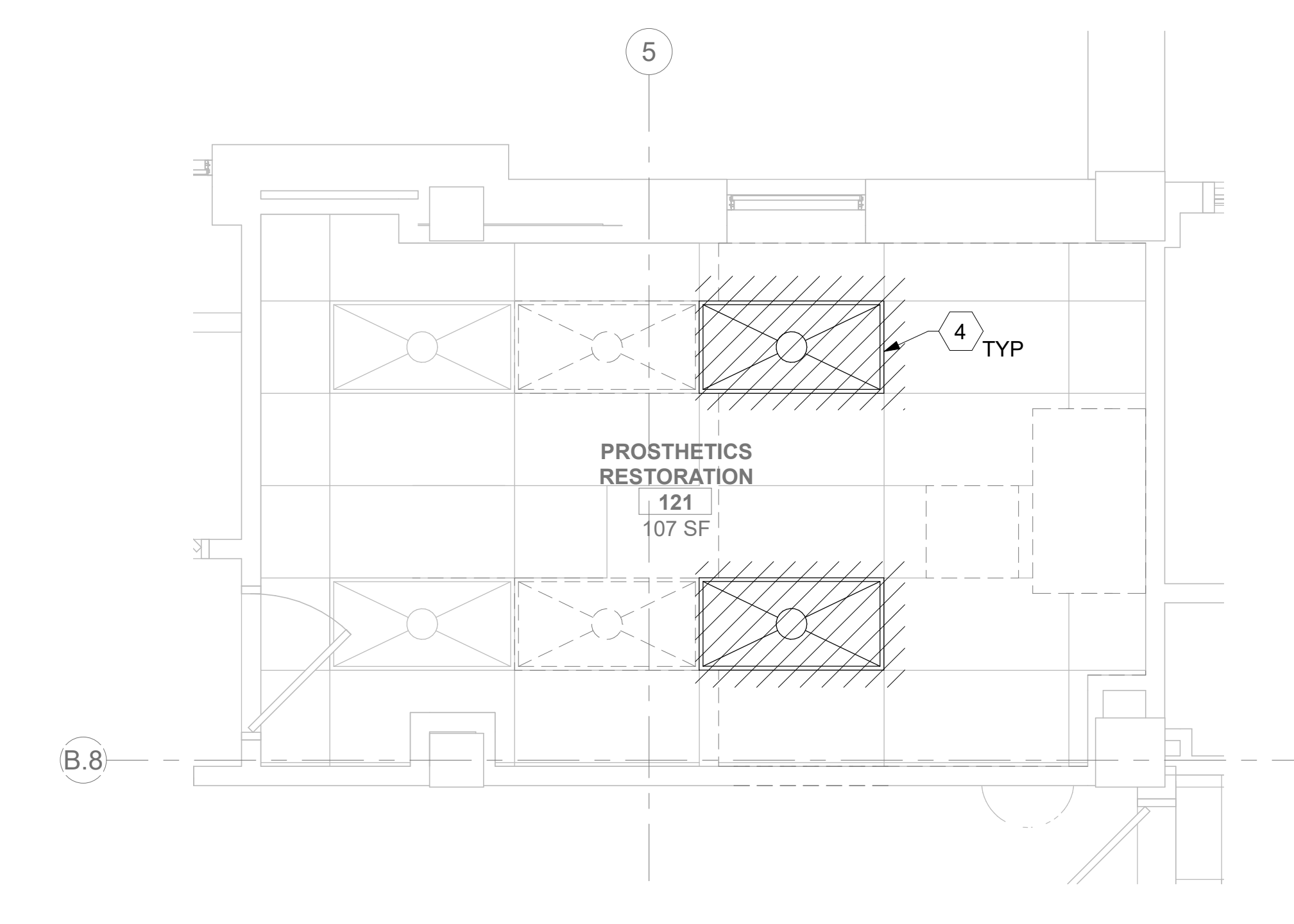




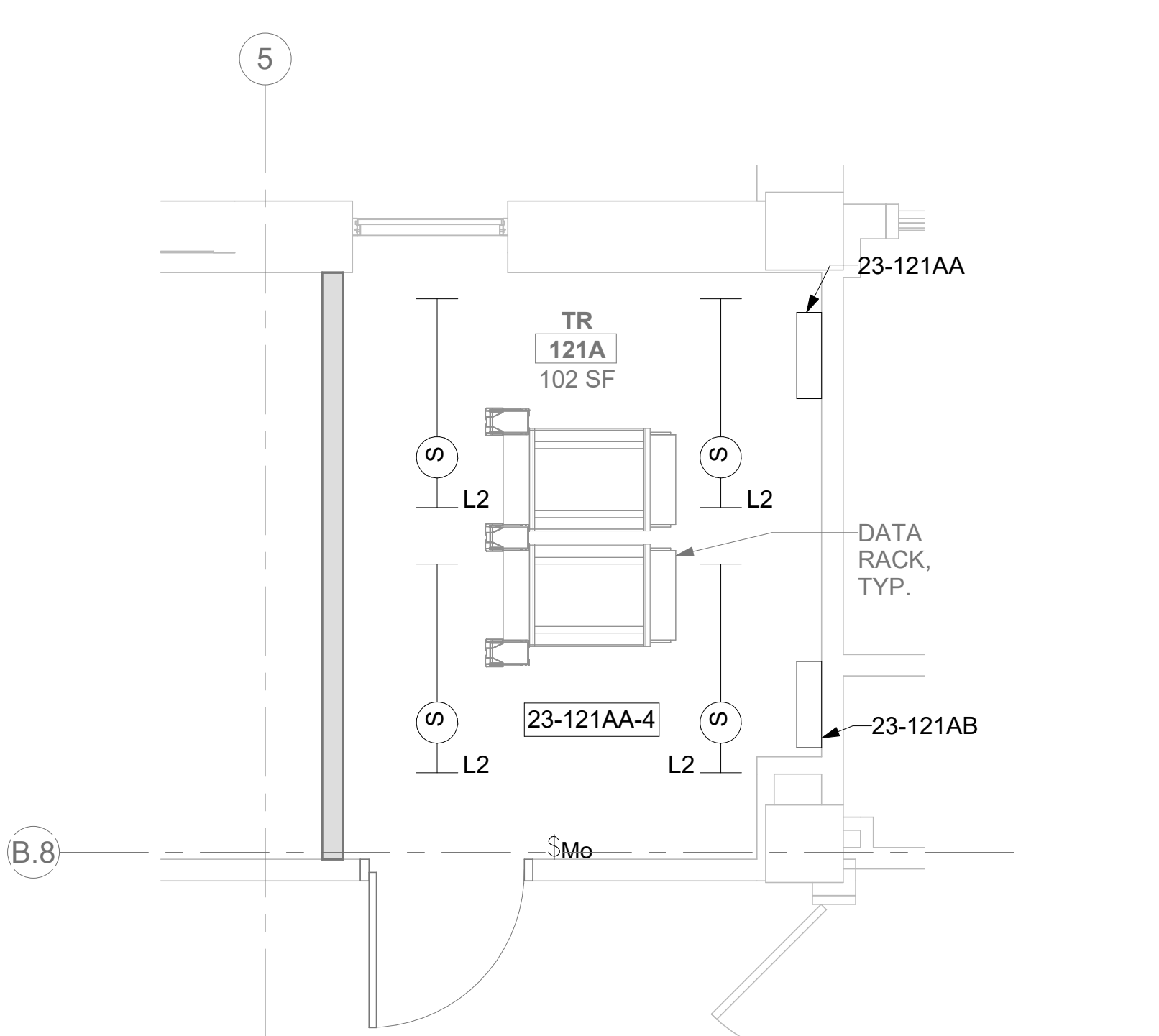
**1 RM 121 - DEMOLITION ELECTRICAL PLAN**  
23EP101 3/8" = 1'-0" PROJECT NORTH



**2 RM 121A - ELECTRICAL PLAN**  
23EP101 3/8" = 1'-0" PROJECT NORTH



**3 RM 121 - DEMOLITION LIGHTING PLAN**  
23EP101 3/8" = 1'-0" PROJECT NORTH



**4 RM 121A - LIGHTING PLAN**  
23EP101 3/8" = 1'-0" PROJECT NORTH

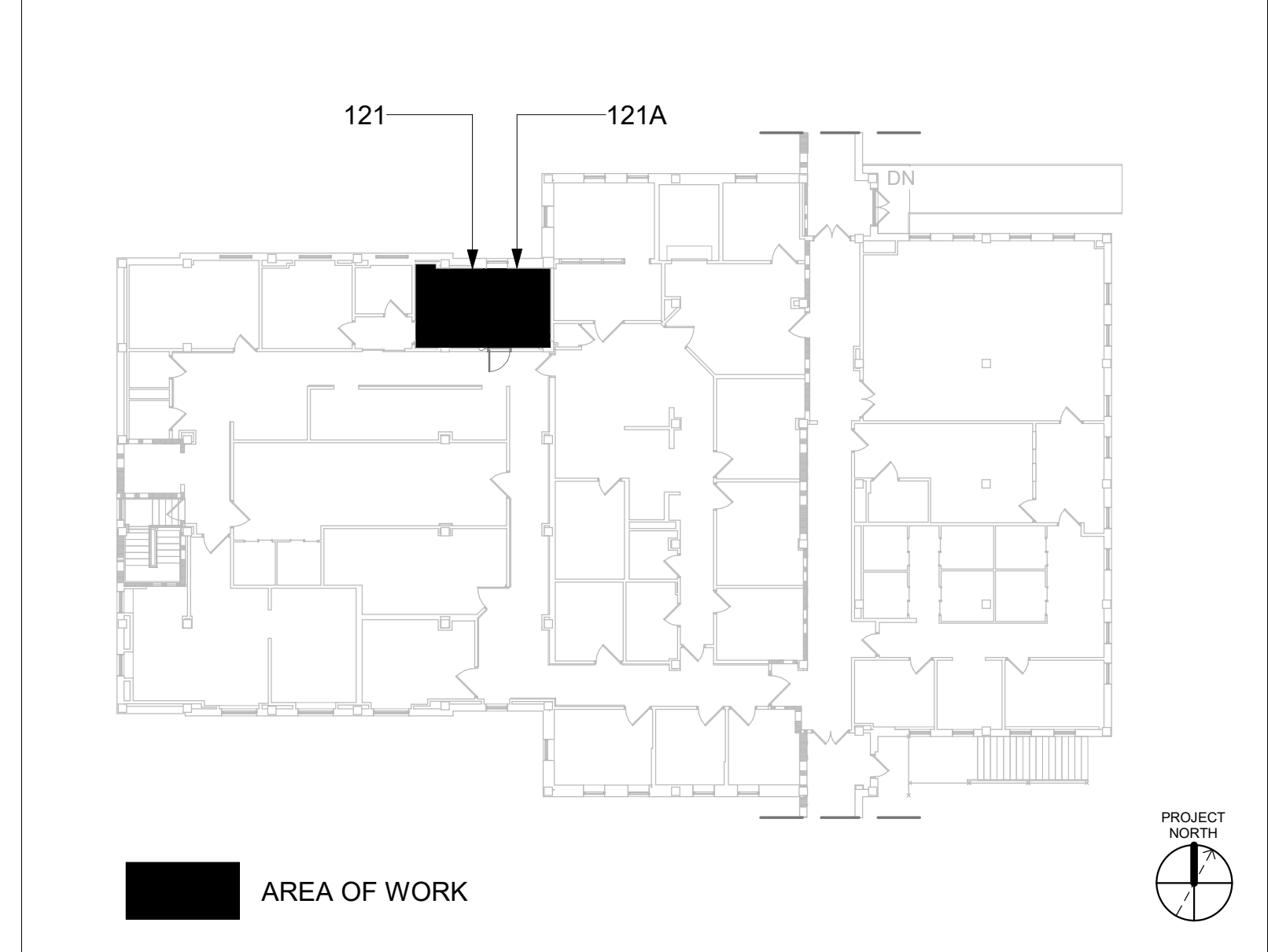
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## KEY NOTES

- SOURCE A POWER PANELBOARD "23-121AA".
- SOURCE B POWER PANELBOARD "23-121AB".
- SECONDARY BONDING BUS BAR.
- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
- AC UNIT IS CIRCUITED TO CORRESPONDING CONDENSING UNIT VIA MANUFACTURER'S CONNECTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
- FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 087100 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.

## KEY PLAN



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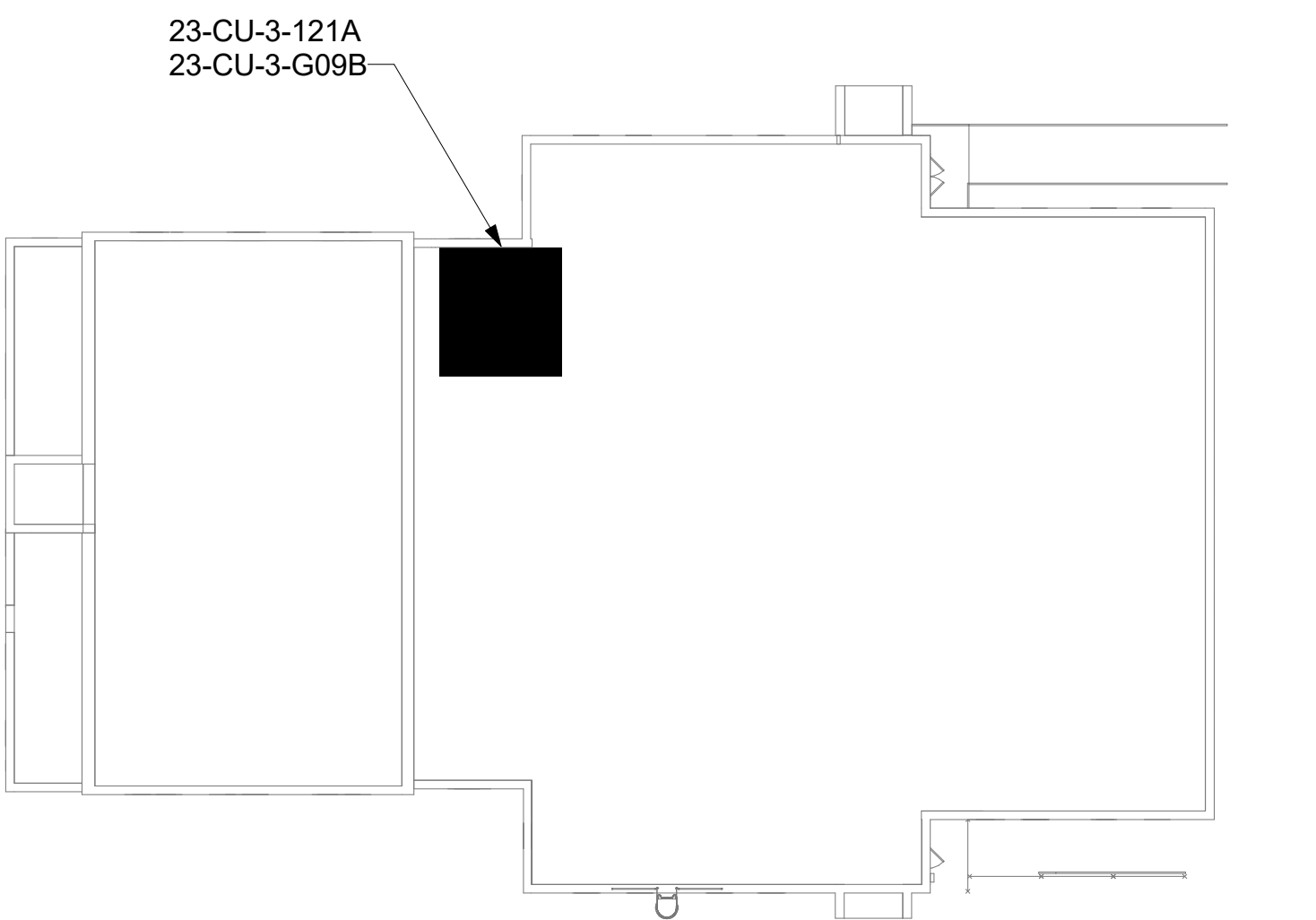
## GENERAL NOTES

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## KEY NOTES

- 1 PROVIDE CONDUIT AND WIRE FROM CONDENSING UNIT TO ASSOCIATED AC UNIT AS REQUIRED PER MANUFACTURER'S INSTRUCTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.

## KEY PLAN

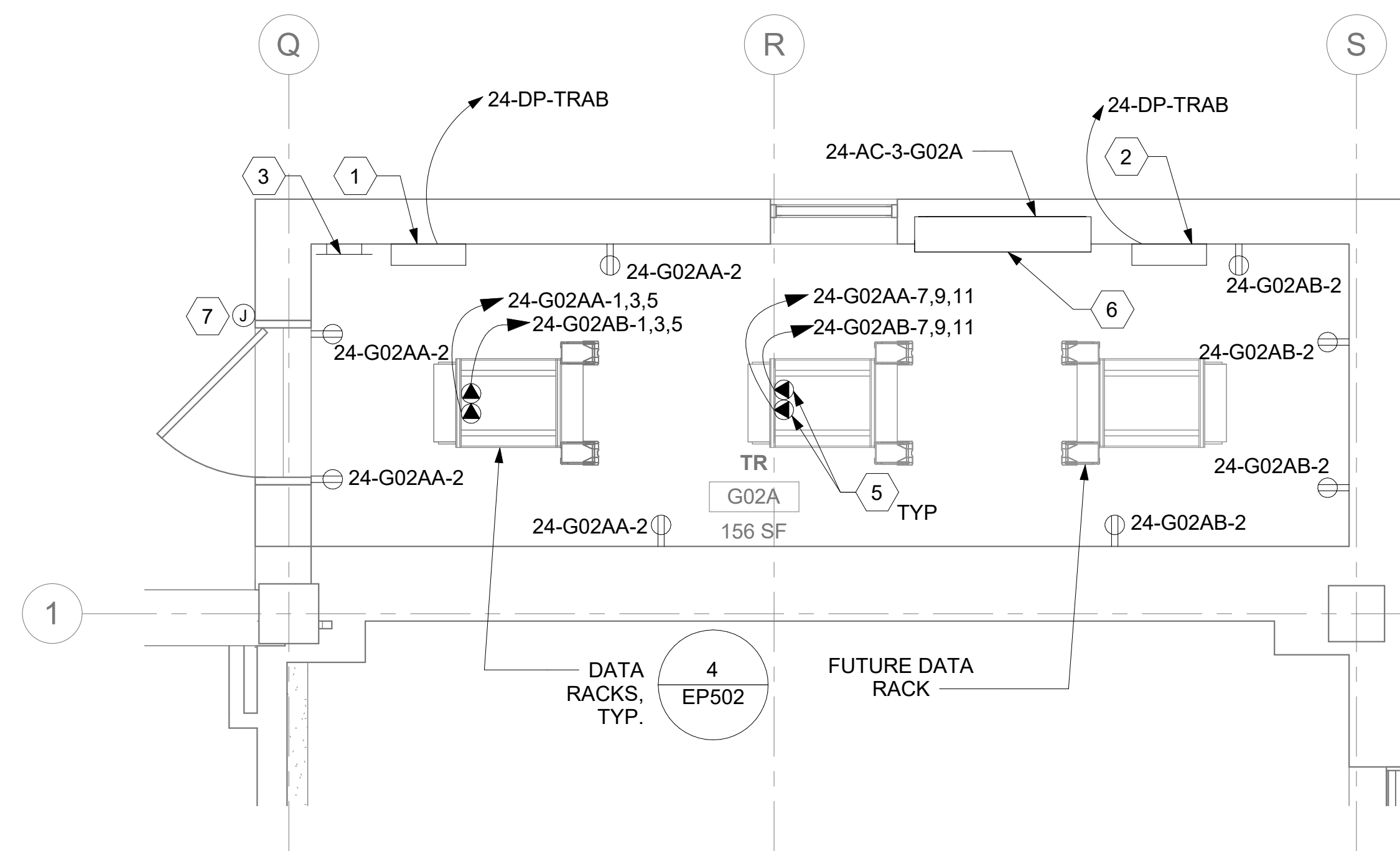


AREA OF WORK

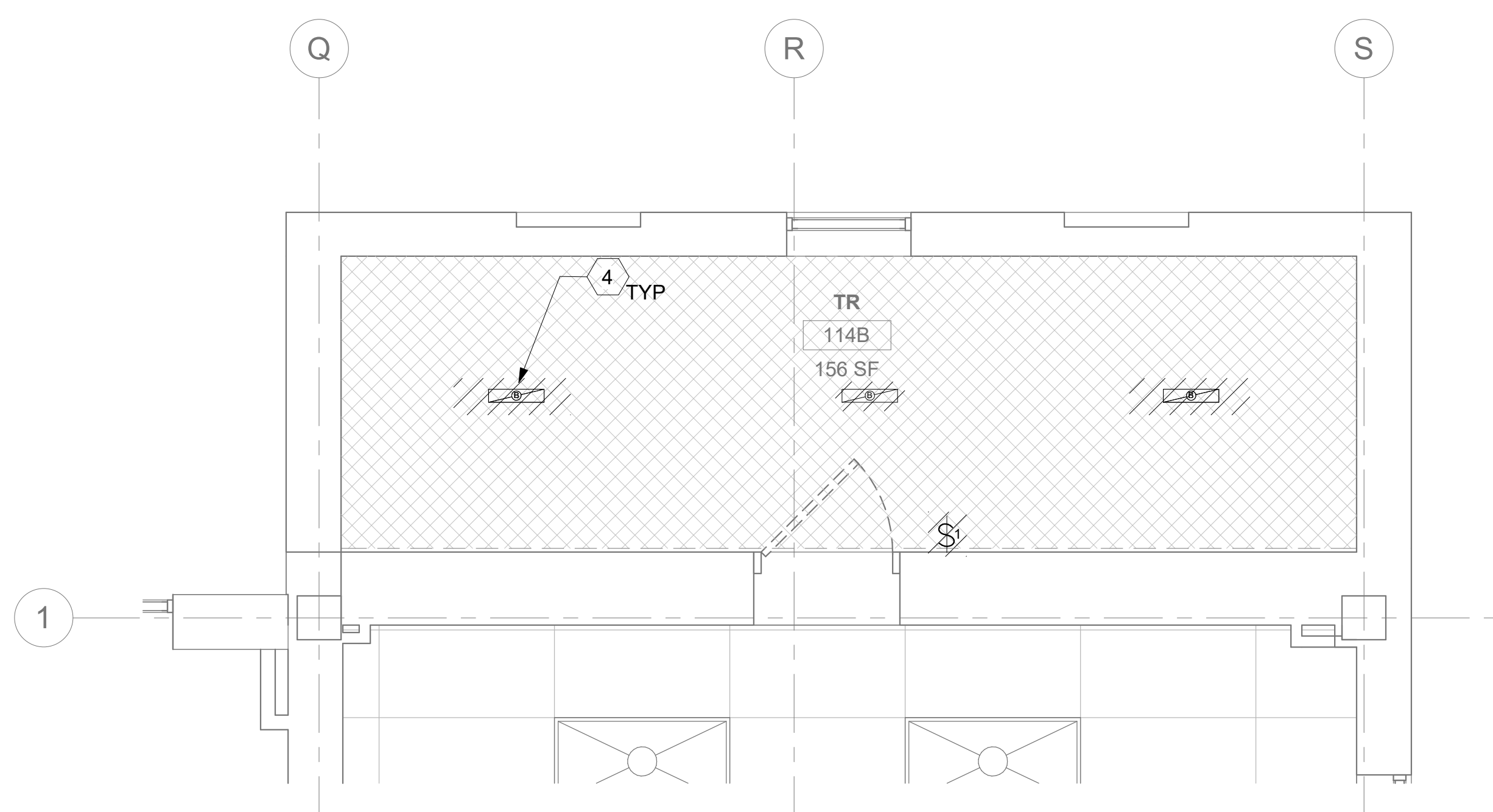
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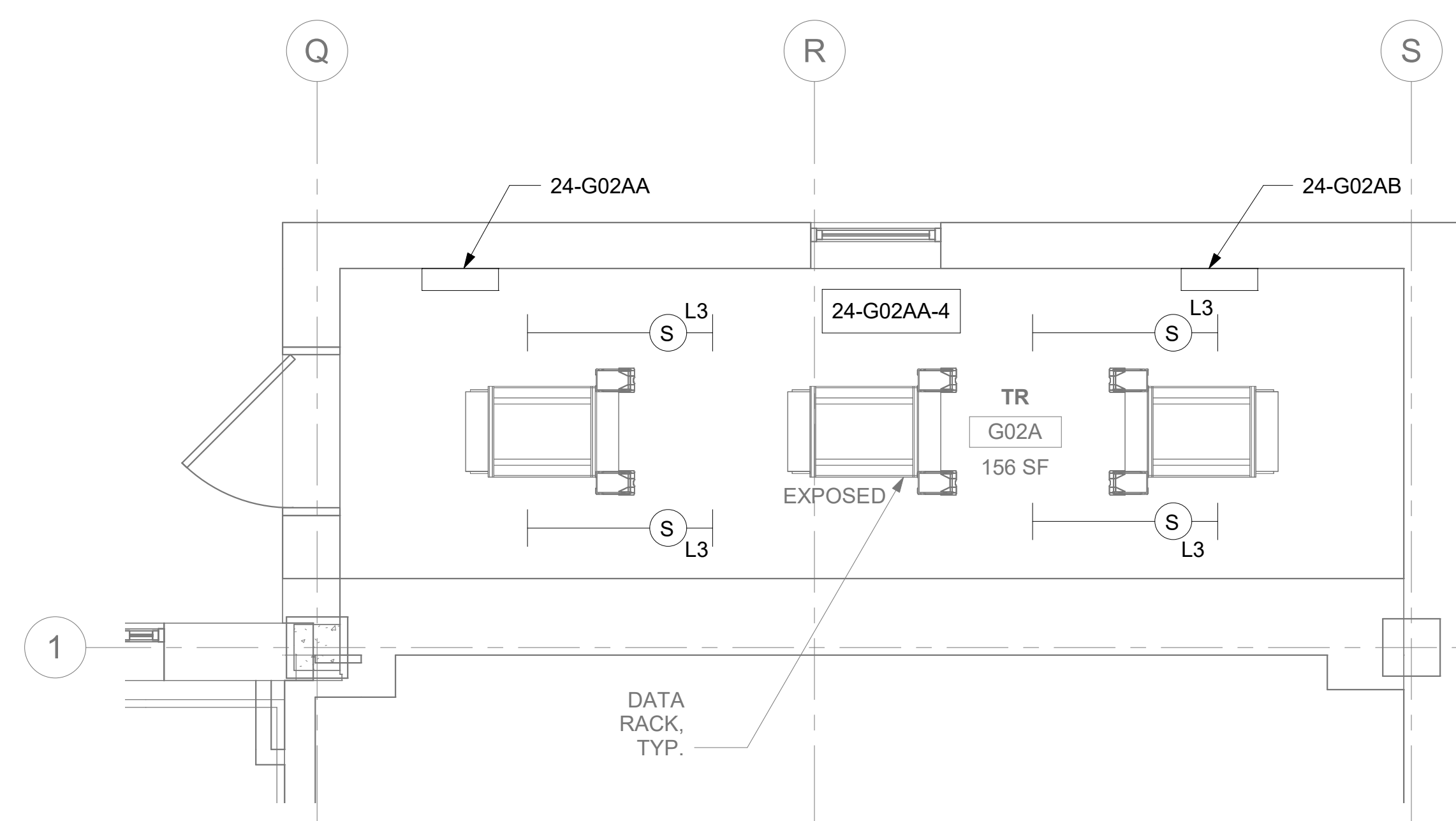
1 RM G02A - DEMOLITION ELECTRICAL PLAN  
24EP100 3/8" = 1'-0"



2 RM G02A - ELECTRICAL PLAN  
24EP100 3/8" = 1'-0"



3 RM G02A - DEMOLITION LIGHTING PLAN  
24EP100 3/8" = 1'-0"



4 RM G02A - LIGHTING PLAN  
24EP100 3/8" = 1'-0"

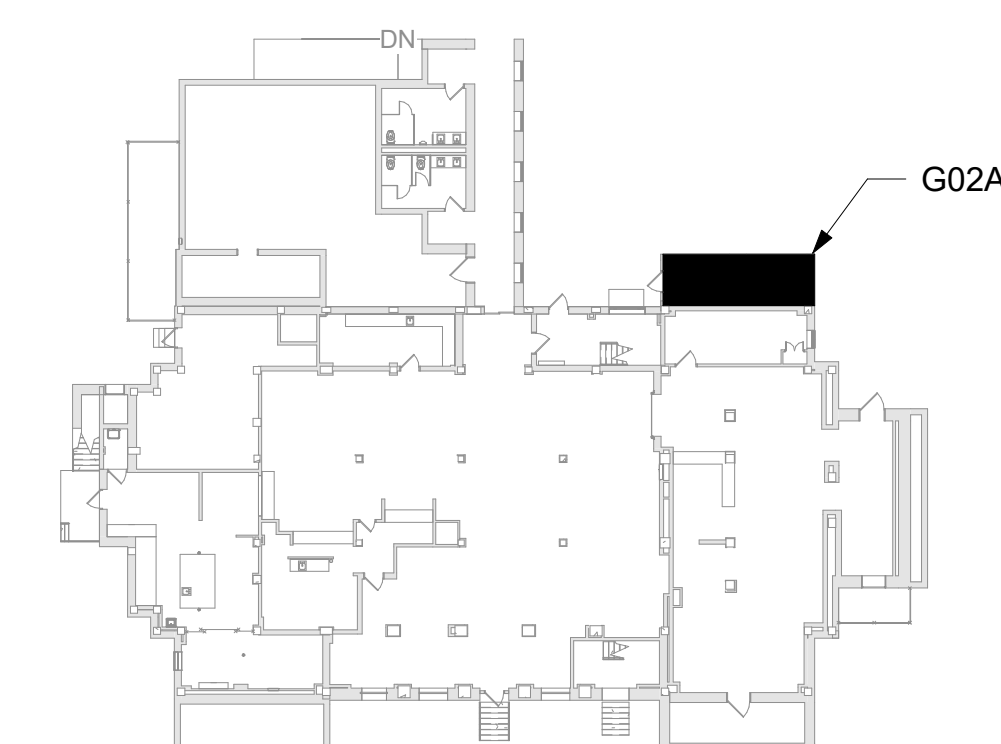
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## KEY NOTES

- 1 SOURCE A POWER PANELBOARD "24-G02AA".
- 2 SOURCE B POWER PANELBOARD "24-G02AB".
- 3 SECONDARY BONDING BUS BAR.
- 4 EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- 5 OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
- 6 AC UNIT IS CIRCUITED TO CORRESPONDING CONDENSING UNIT VIA MANUFACTURER'S CONNECTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
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## KEY PLAN



AREA OF WORK

		CONSULTANT	ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES  SPEEDSDSIGNBUILD	STAMP 	Office of Construction and Facilities Management  U.S. Department of Veterans Affairs	Drawing Title BLDG 24 - FLOOR 0 - ENLARGED ELECTRICAL PLANS Approved:	Phase CONSTRUCTION DOCUMENTS  FULLY SPRINKLERED	Project Title EHRM INFRASTRUCTURE UPGRADES  Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO Issue Date 03/31/2022 Checked LR/L/WMM Drawn LLT/JPS	Project Number 657-21-701JB Building Number 24 Drawing Number 24EP400a 209 OF 435
Revisions:	Date:								



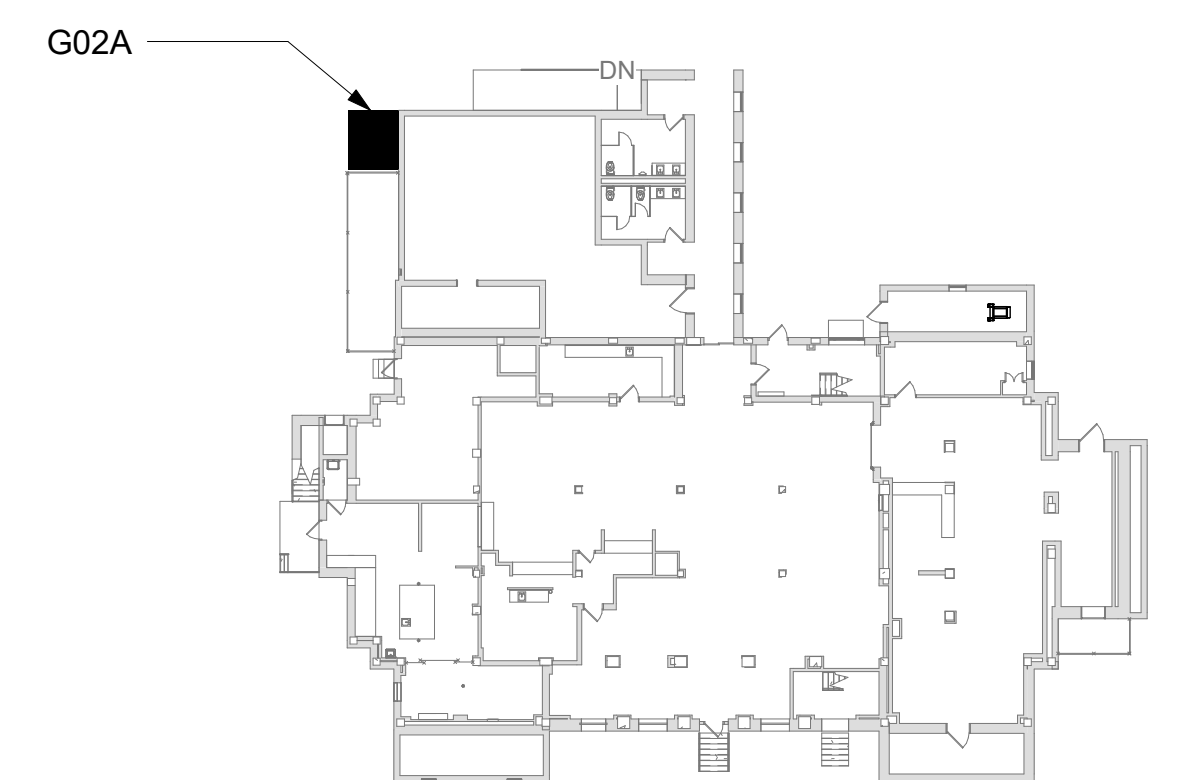
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## KEY NOTES

- 1 EQUIPMENT TO BE ADDED. REFERENCE ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 2 PROVIDE CONCRETE PAD. EXTEND AROUND EQUIPMENT FOOTPRINT BY 6". CONCRETE SHALL BE 4" THICK, 3000PSI MINIMUM. COORDINATE WITH CIVIL SPECIFICATIONS AS REQUIRED.
- 3 EXISTING EQUIPMENT TO BE DEMOLISHED. EXTEND EXISTING CONDUCTORS AND RACEWAYS TO NEW SWITCHBOARD AS REQUIRED. REFERENCE ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.

## KEY PLAN

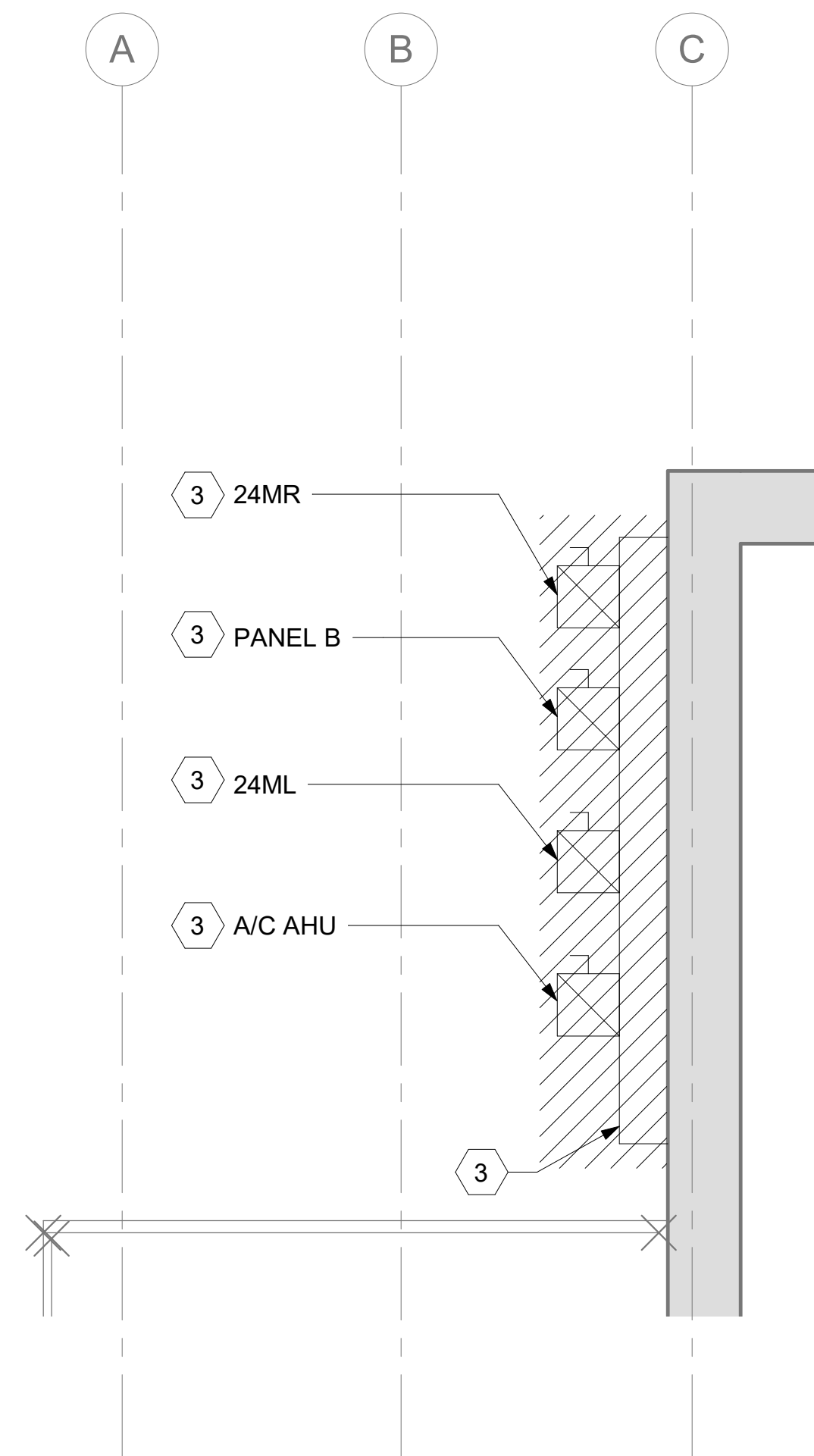


AREA OF WORK



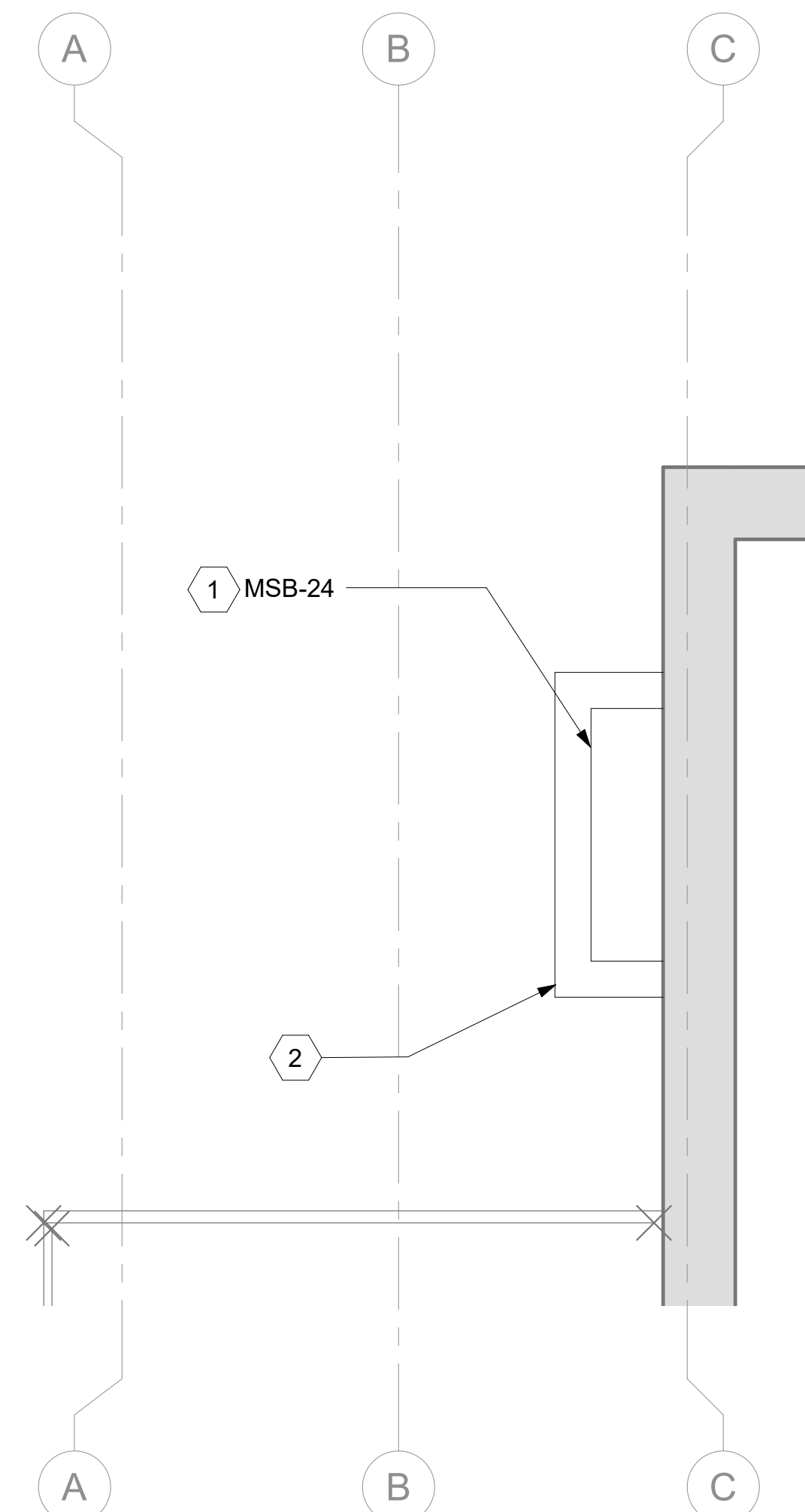
## EXTERIOR WIREWAY - DEMOLITION PLAN

24EP100	1/2" = 1'-0"
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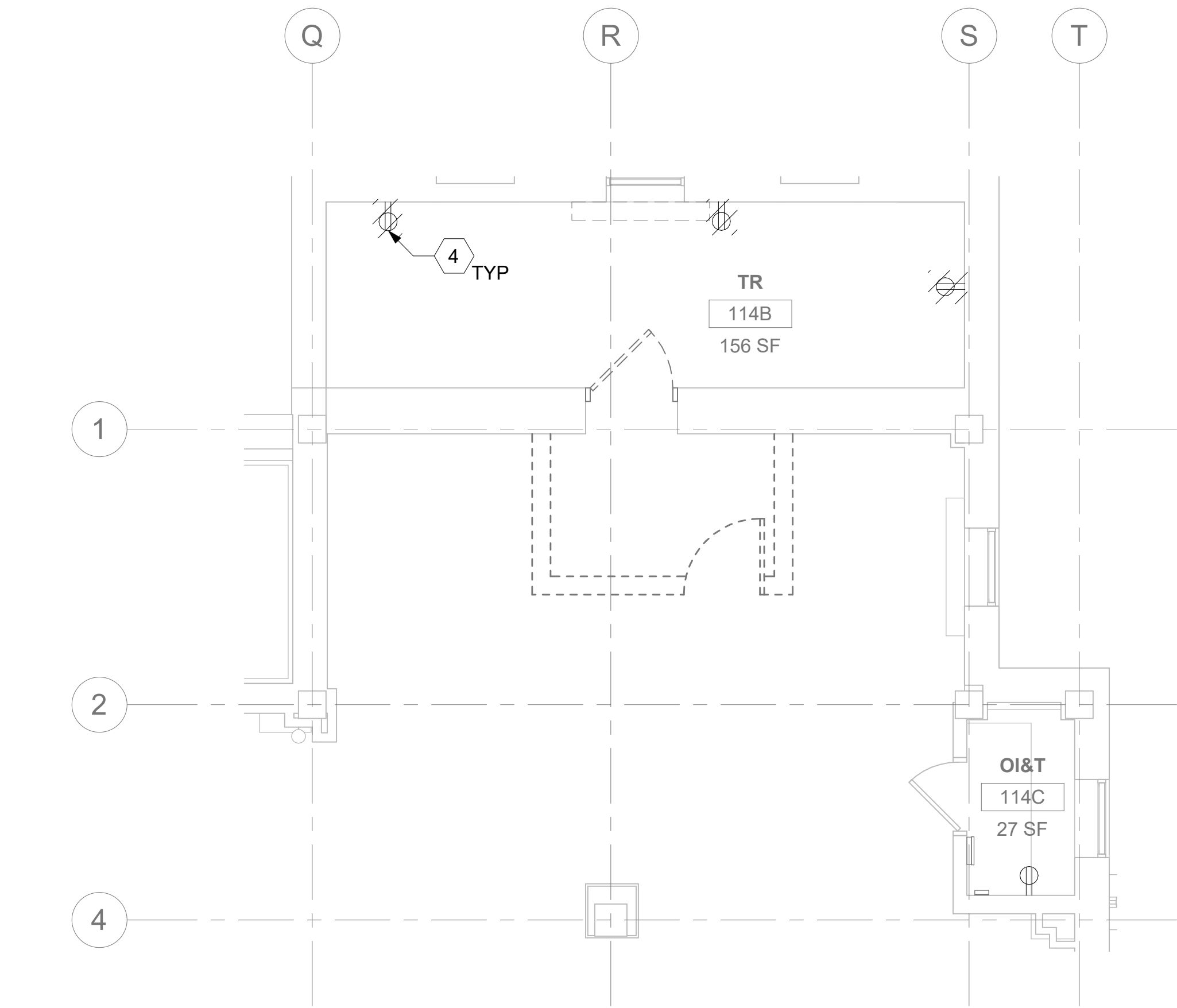


# EXTERIOR WIREWAY - ELECTRICAL PLAN

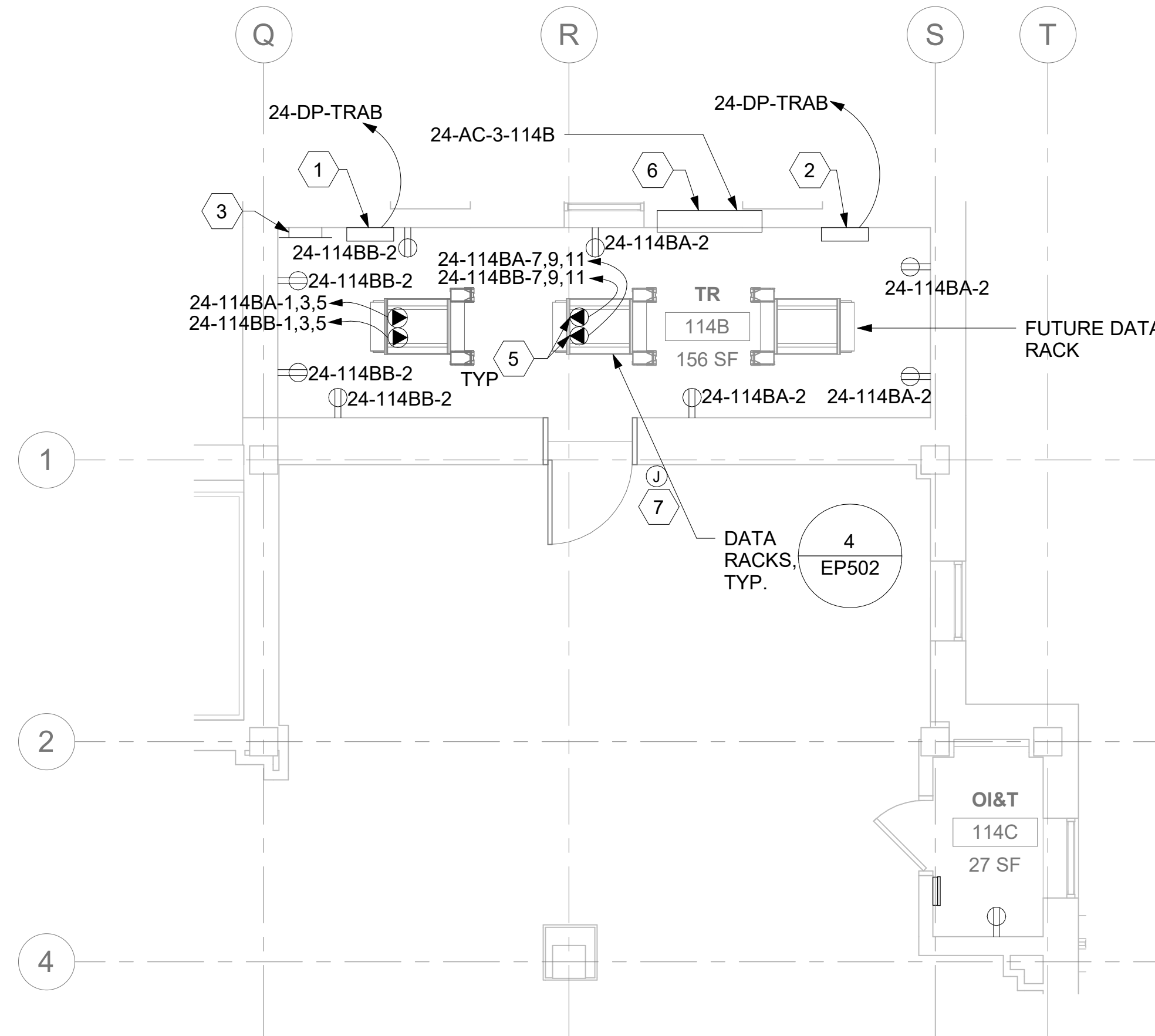
24EP100	1/2" = 1'-0"
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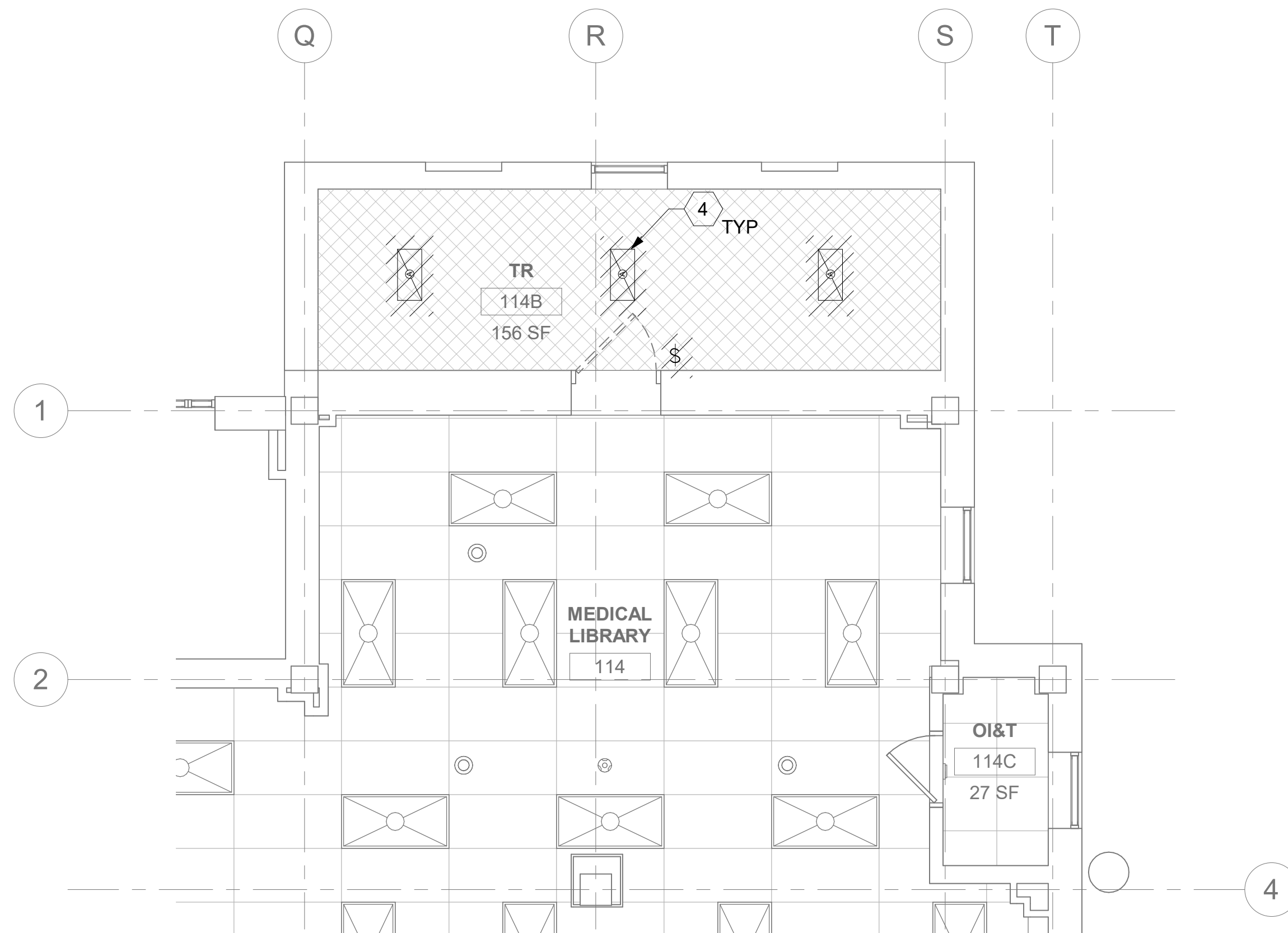




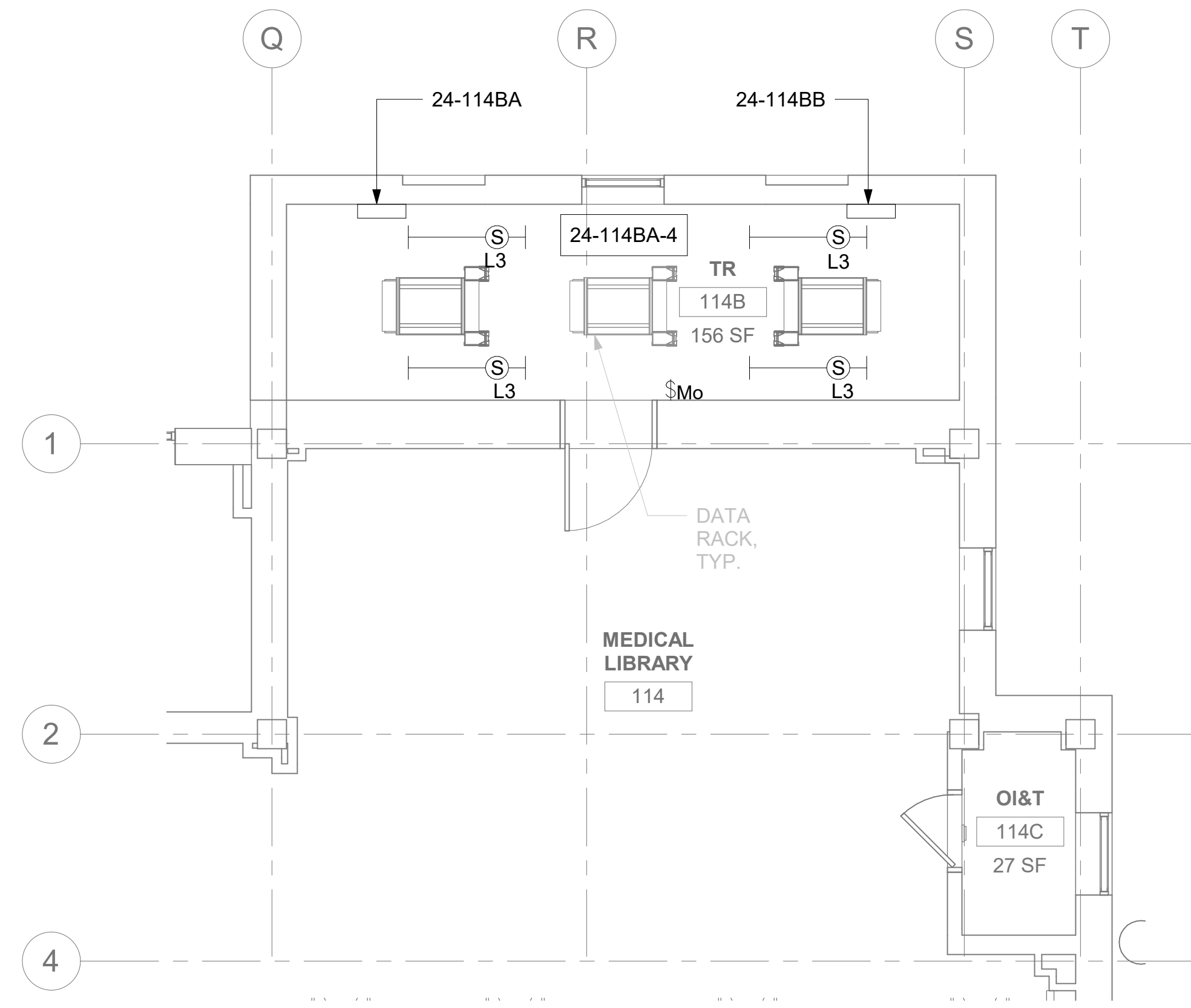
1 RM 114B & 114C - DEMOLITION ELECTRICAL PLAN  
24EP101 1/4" = 1'-0"



2 RM 114B - ELECTRICAL PLAN  
24EP101 1/4" = 1'-0"



3 RM 114B & 114C - DEMOLITION LIGHTING PLAN  
24EP101 1/4" = 1'-0"



4 RM 114B - LIGHTING PLAN  
24EP101 1/4" = 1'-0"

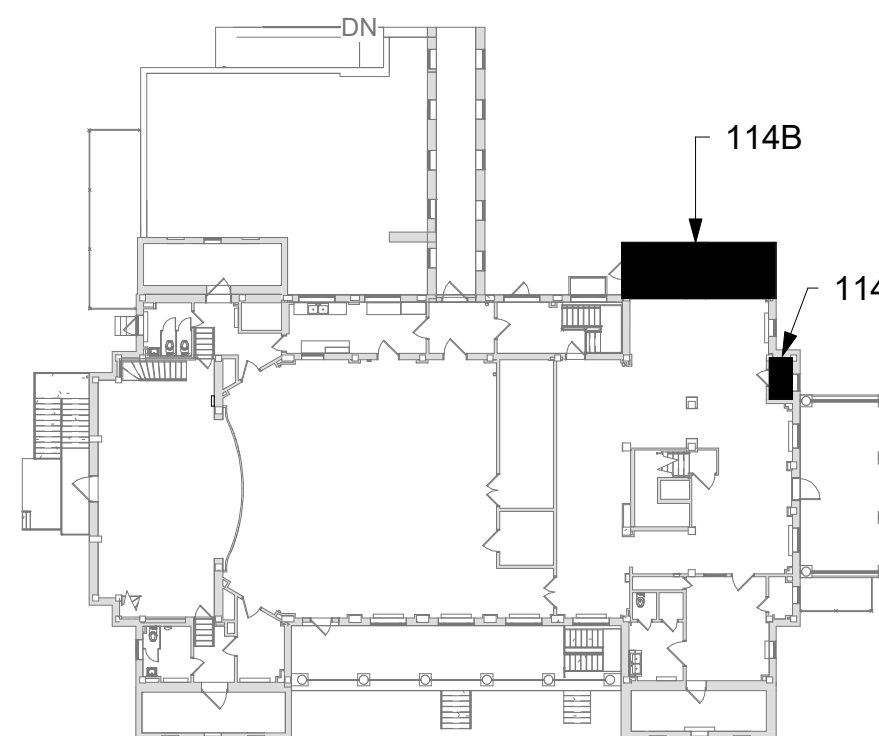
## GENERAL NOTES

- DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA AND ENGINEER OF SAID DISCREPANCY.
- ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER AND SIGNAL DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES.
- PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES BE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- FIELD VERIFY ALL RACEWAY DEMOLITION AND INSTALLATIONS PRIOR TO PERFORMING WORK.
- CONTRACTOR TO COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
- SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
- REFERENCE CORRESPONDING ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING FURNITURE, INCLUDING TRANSPORTATION, FOR ALL WORK TO DESIRED VA STORAGE LOCATION. COORDINATE WITH VA AS REQUIRED.




## KEY NOTES

- SOURCE A POWER PANELBOARD "24-114BA".
- SOURCE B POWER PANELBOARD "24-114BB".
- SECONDARY BONDING BUS BAR.
- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
- AC UNIT IS CIRCUITED TO CORRESPONDING CONDENSING UNIT VIA MANUFACTURER'S CONNECTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
- FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 087100 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.

## KEY PLAN



AREA OF WORK

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