

1 BLDG 56 - ENLARGED ROOF PLAN - VIEW 1  
1/2" = 1'-0"

2 BLDG 56 - ENLARGED ROOF PLAN - VIEW 2  
1/2" = 1'-0"

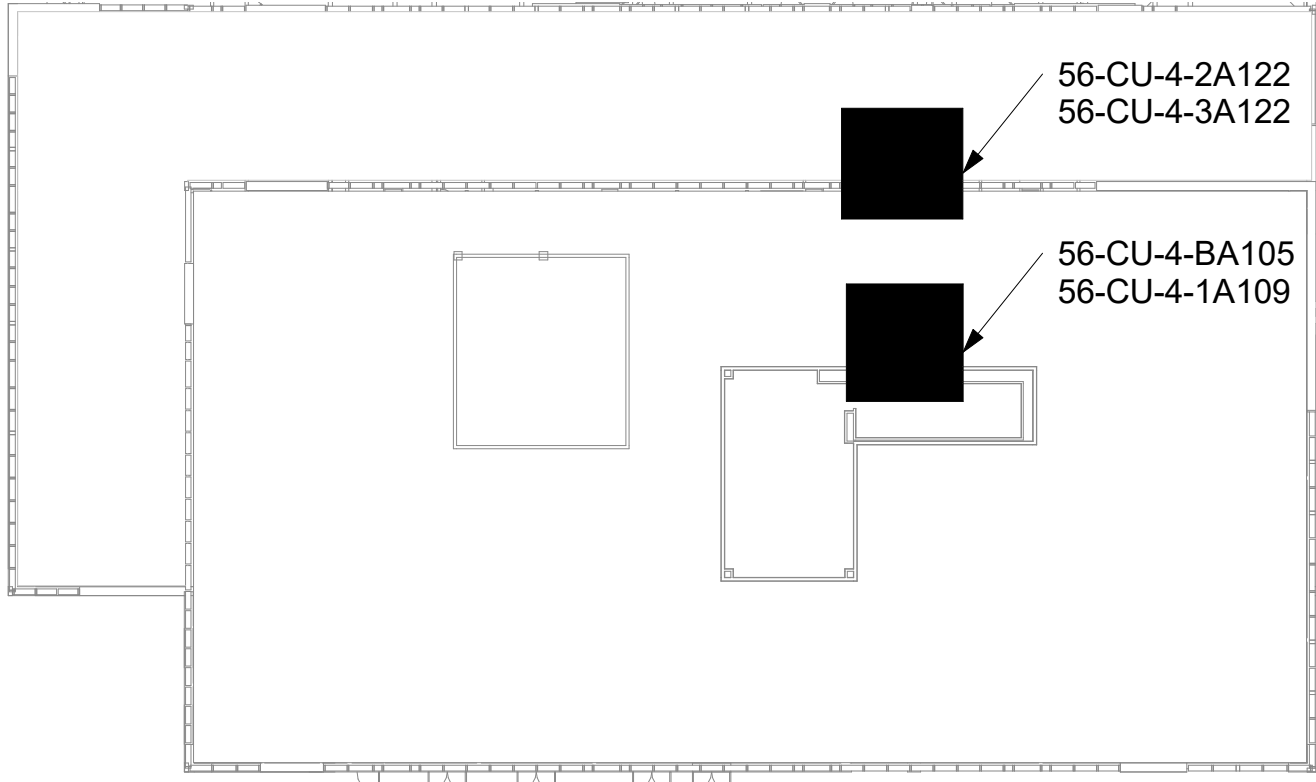
GENERAL NOTES

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- 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.
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KEY NOTES

- 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

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
STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER RAY SPEES

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

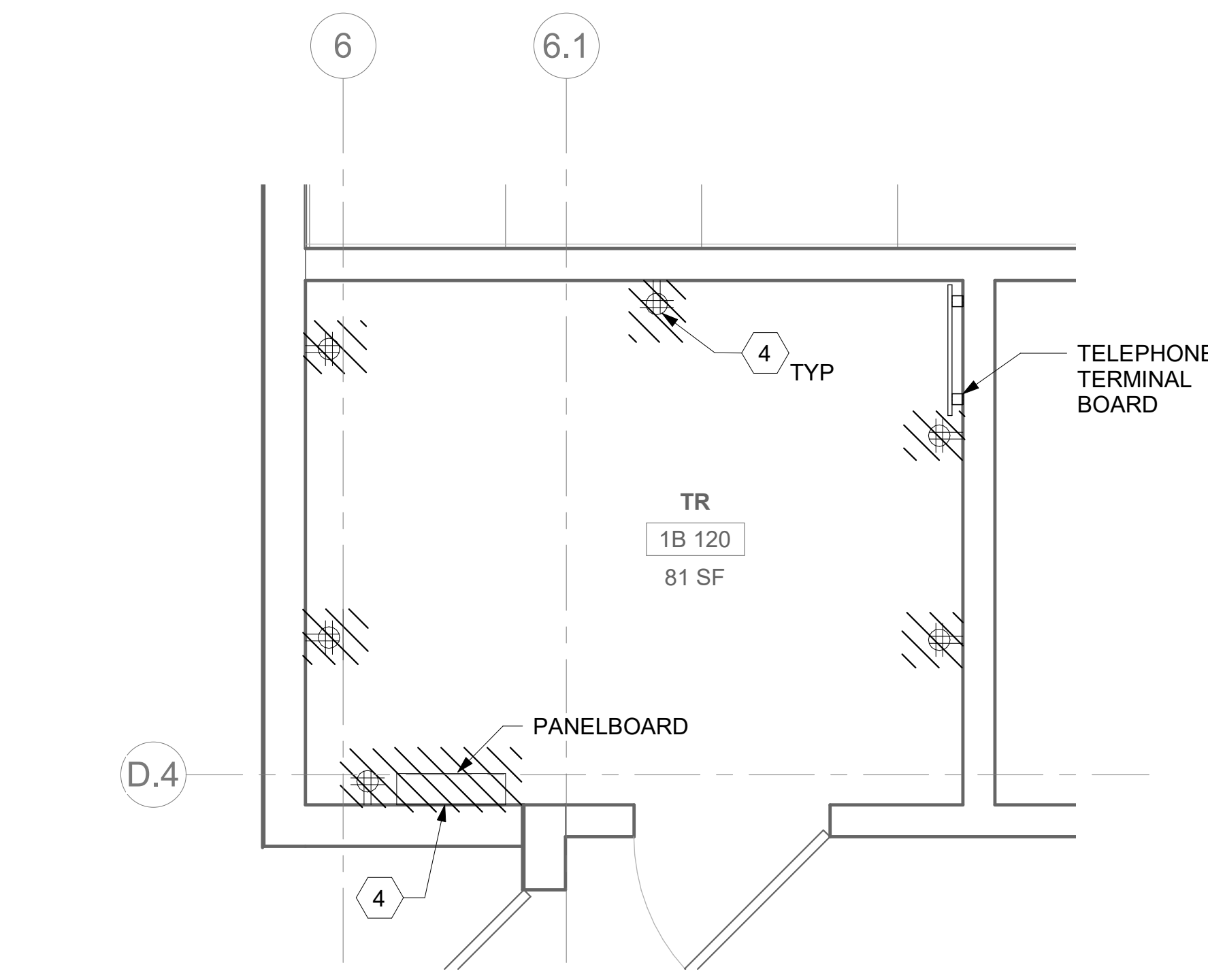
Drawing Title
BLDG 56 - ENLARGED ROOF PLANS
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

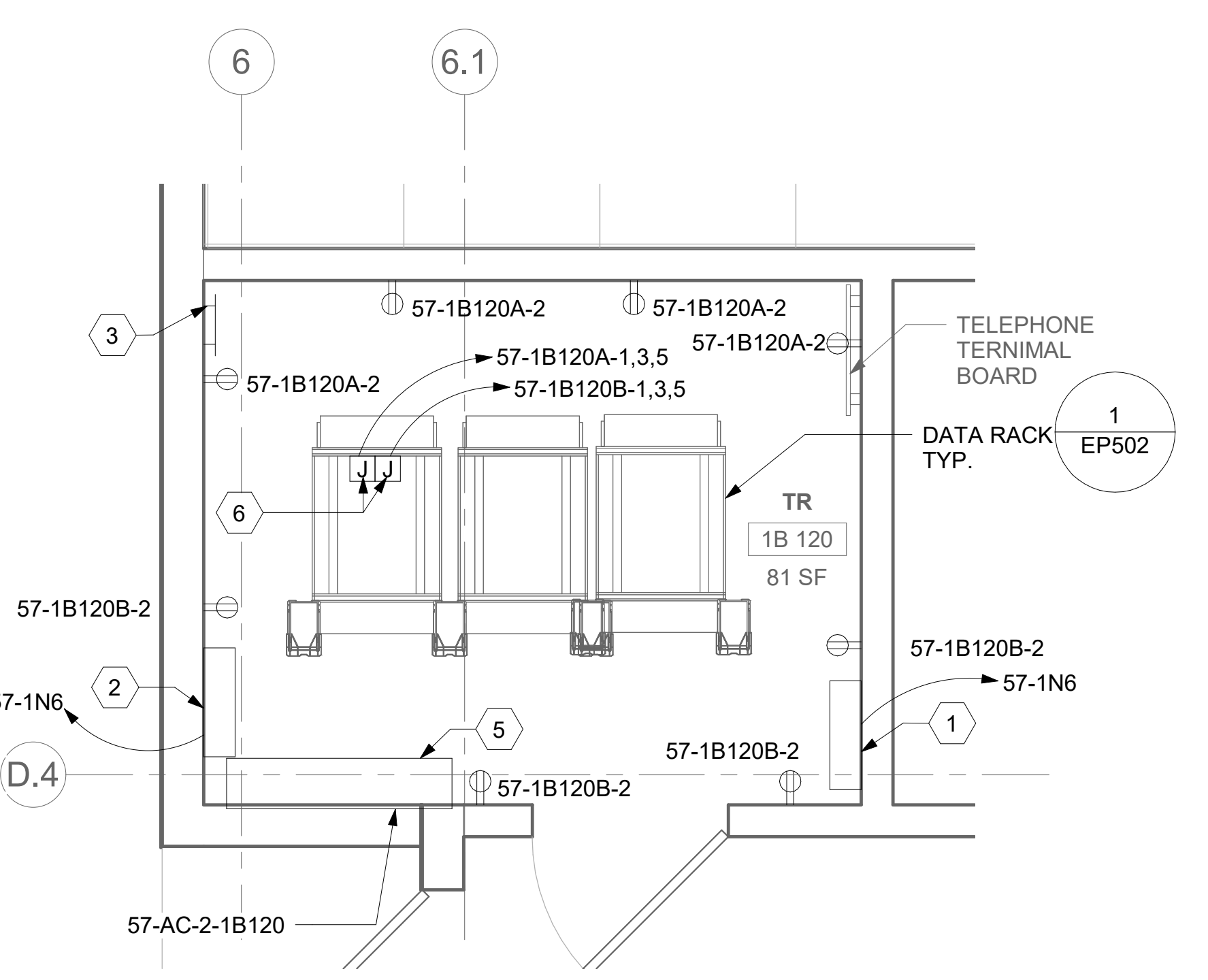
Project Title
EHRM - INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
LRL/WM
Drawn
LLT/JPS

Project Number
657-21-701JB
Building Number
56
Drawing Number
56EP404
247 OF 435

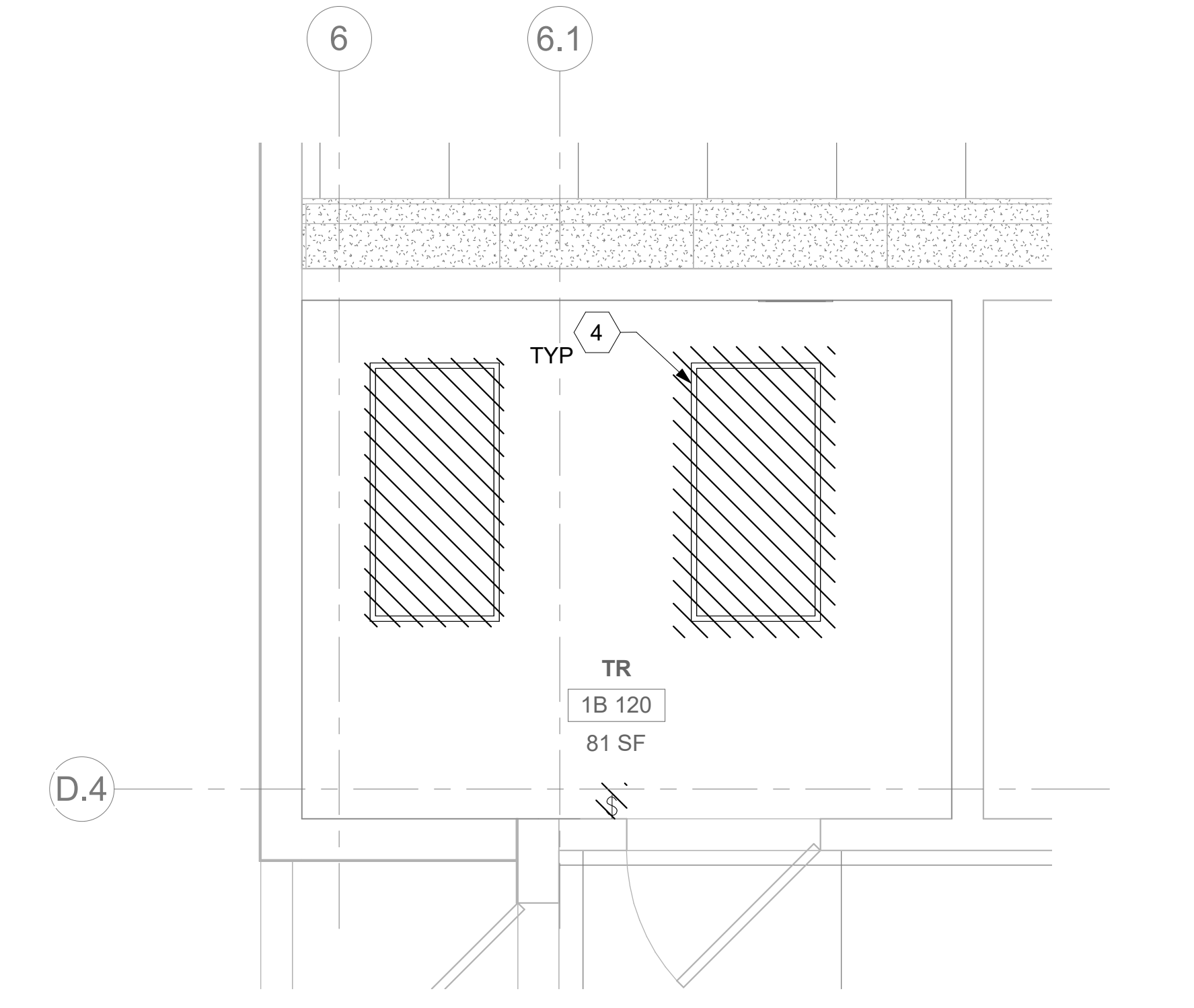




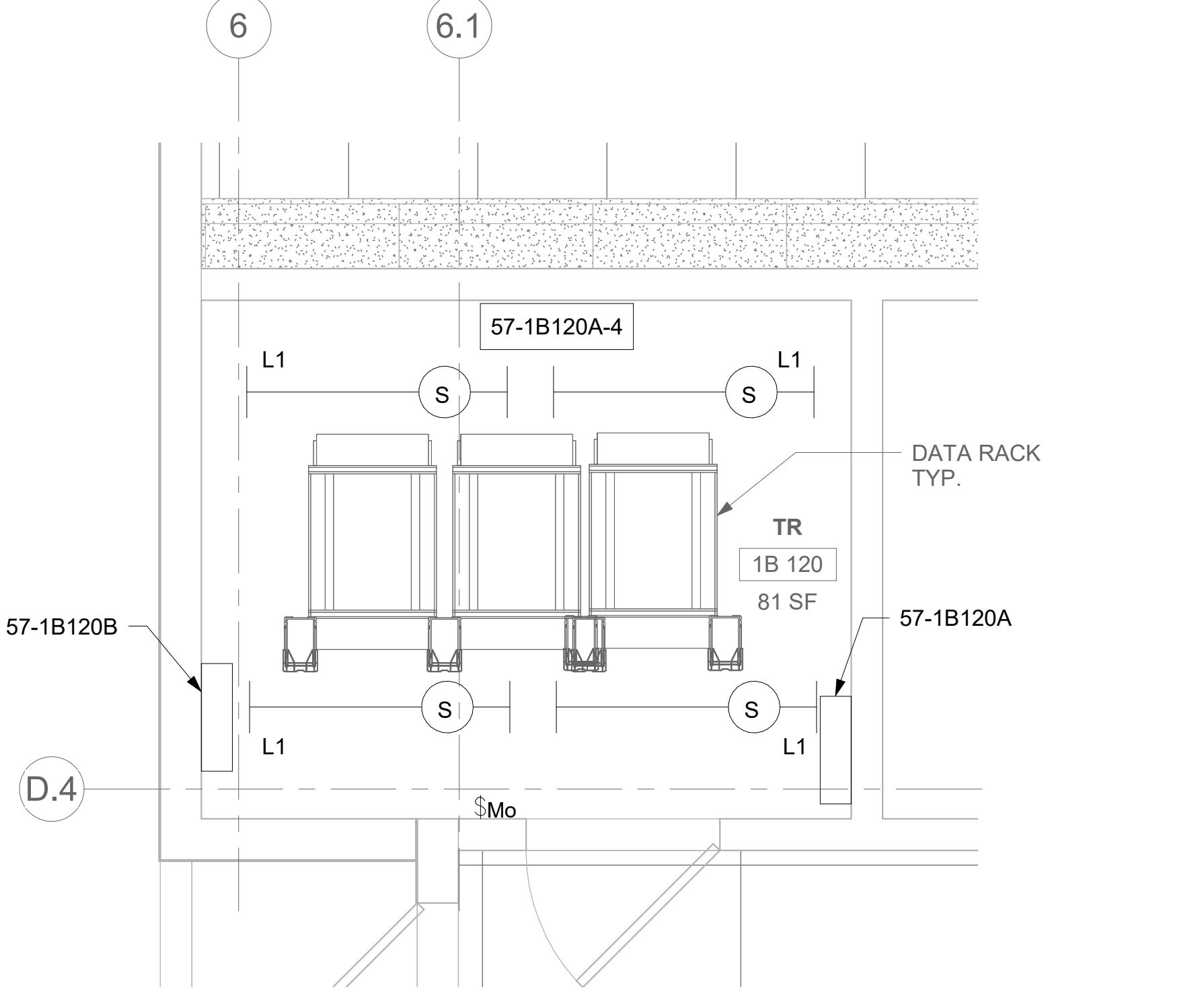
1 RM 1B 120 - DEMOLITION ELECTRICAL PLAN  
57EP101 1/2" = 1'-0"



2 RM 1B 120 - ELECTRICAL PLAN  
57EP101 1/2" = 1'-0"



3 RM 1B 120 - DEMOLITION LIGHTING PLAN  
57EP101 1/2" = 1'-0"



4 RM 1B 120 - LIGHTING PLAN  
57EP101 1/2" = 1'-0"

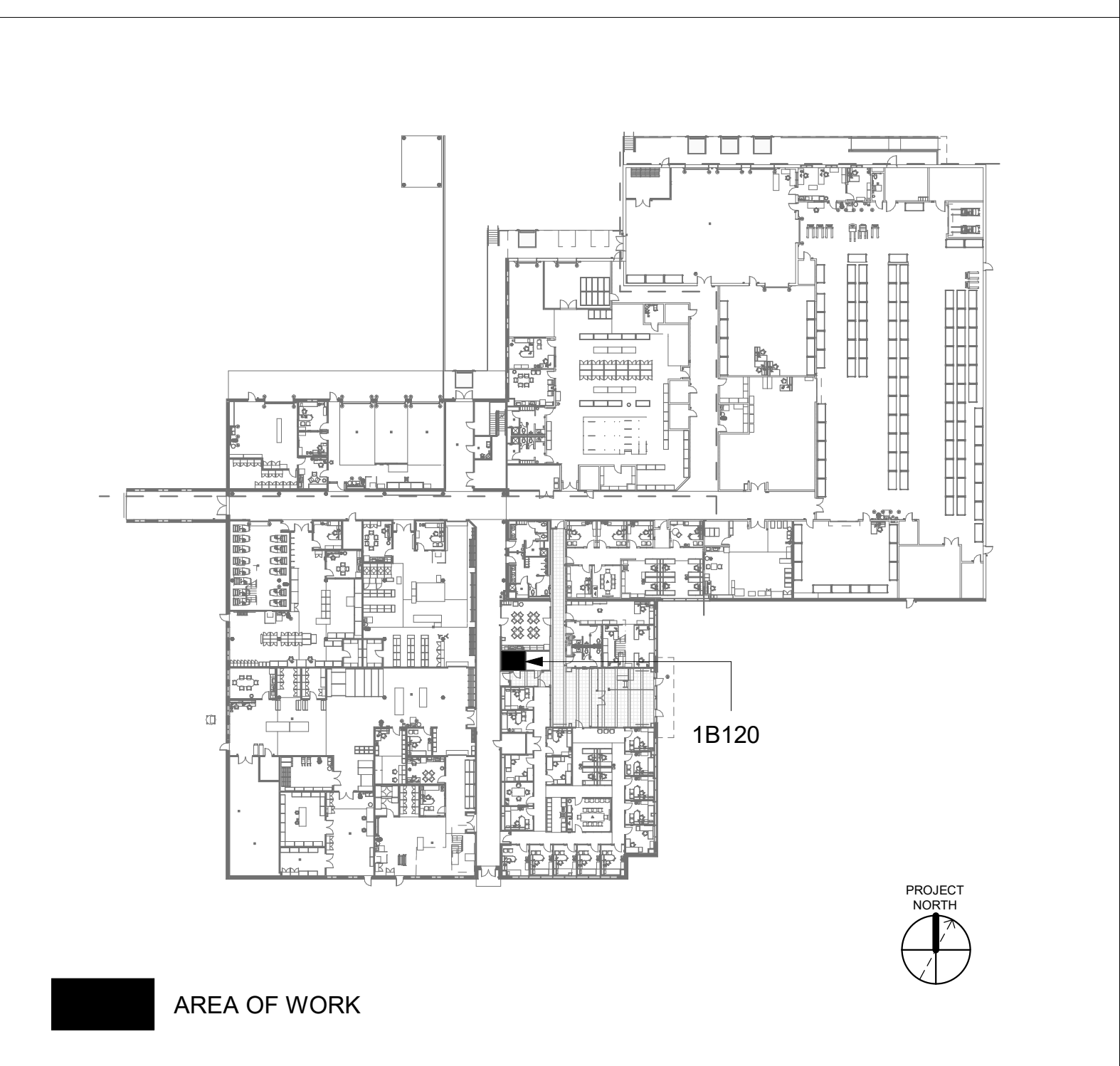
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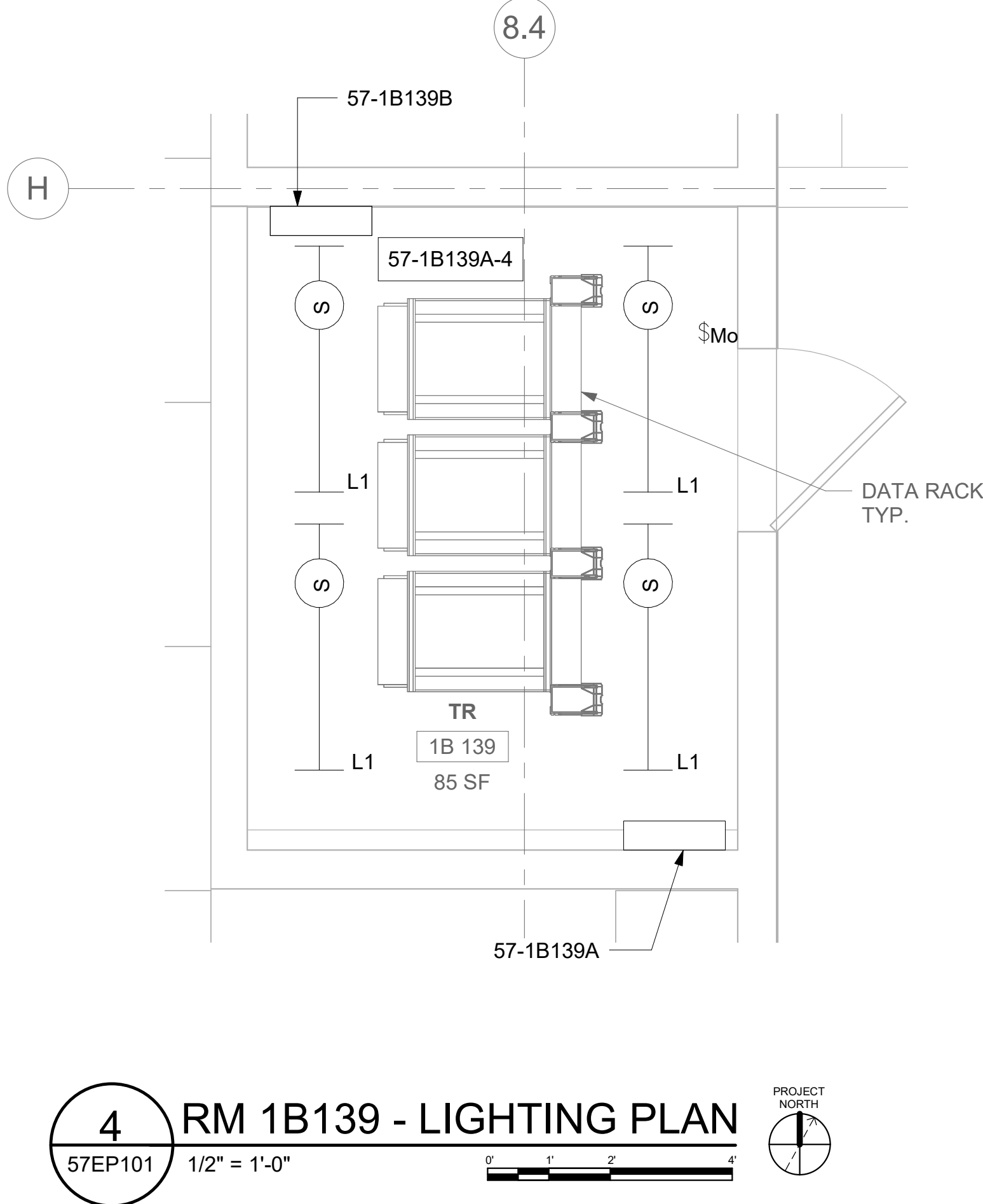
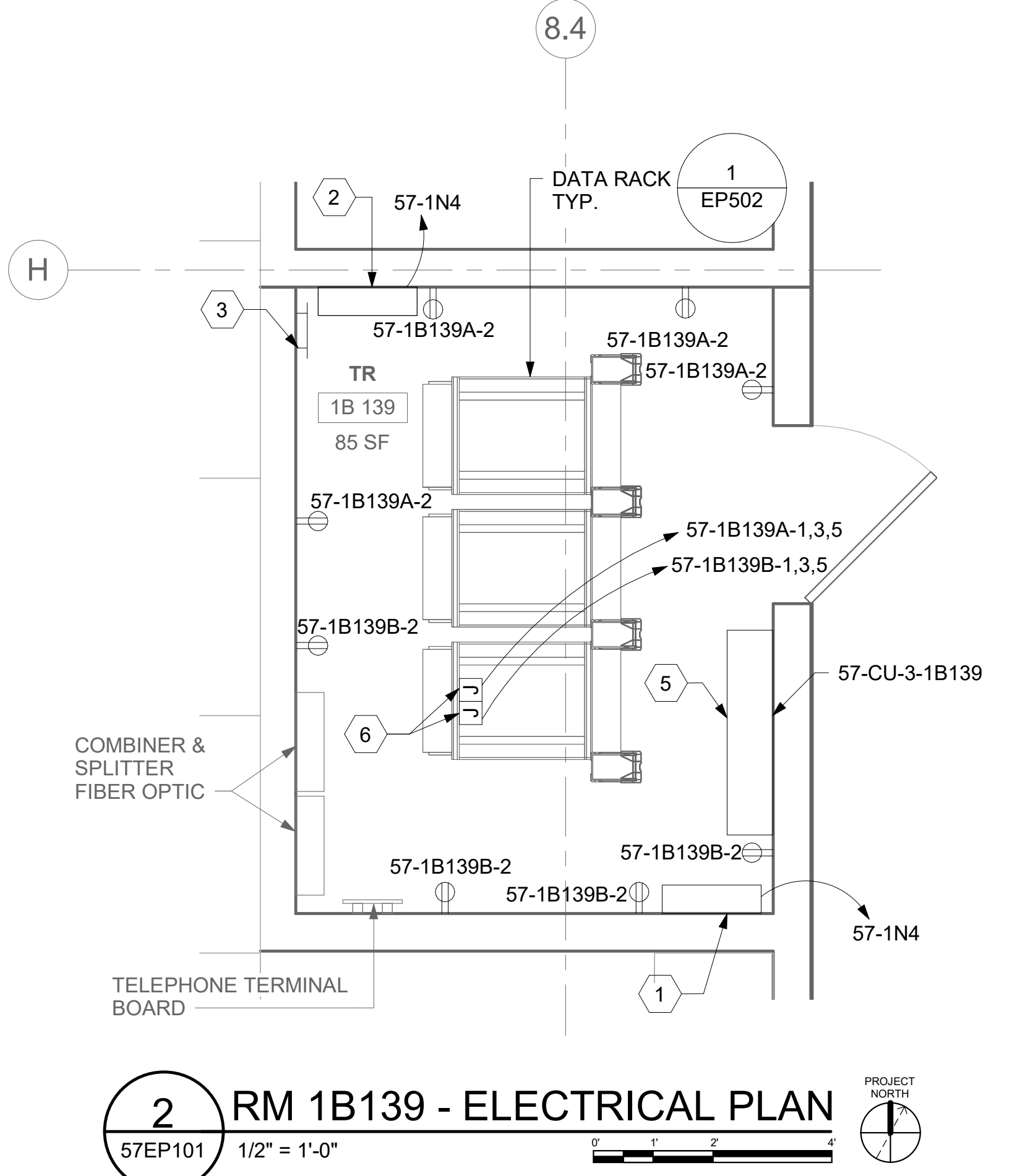
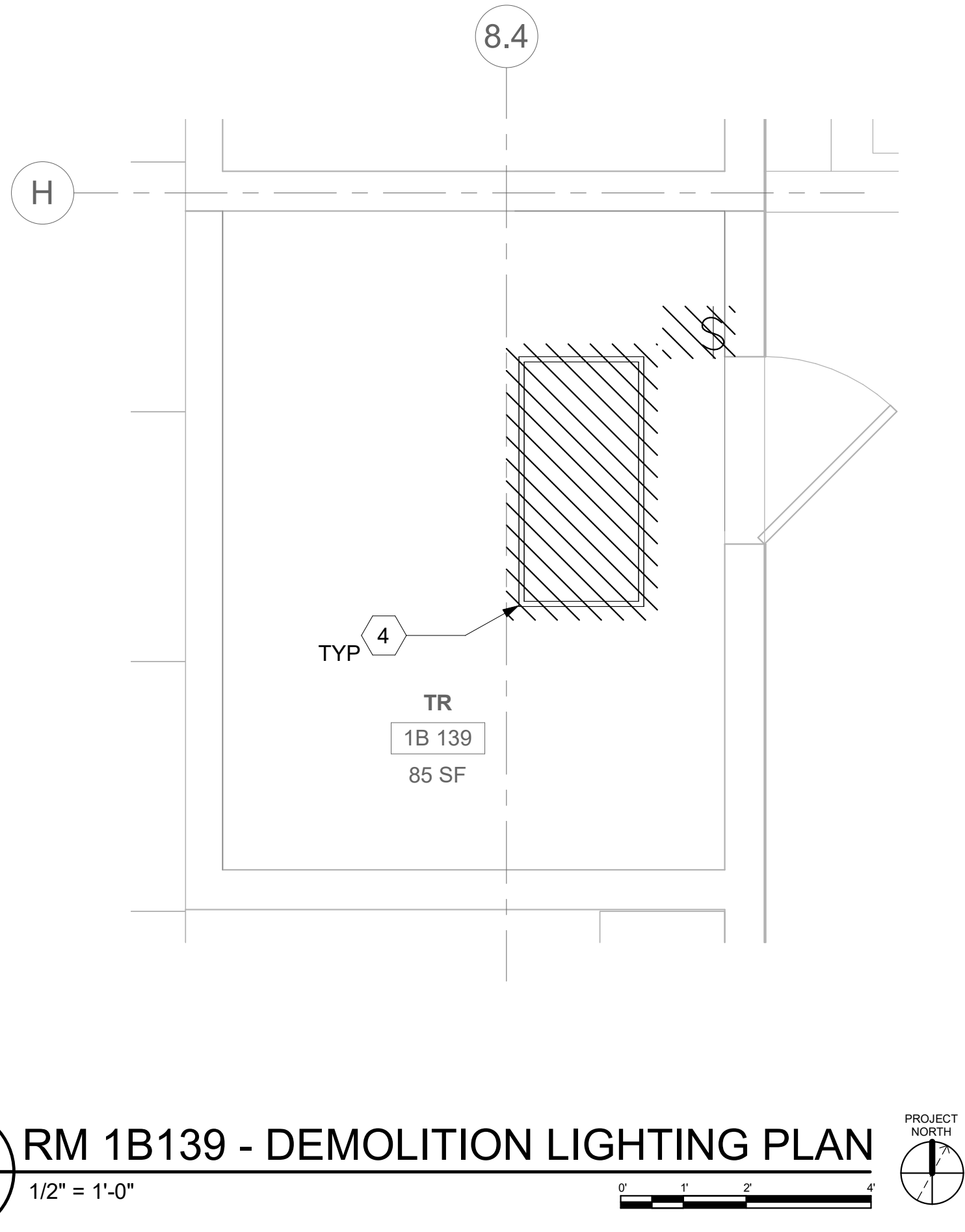
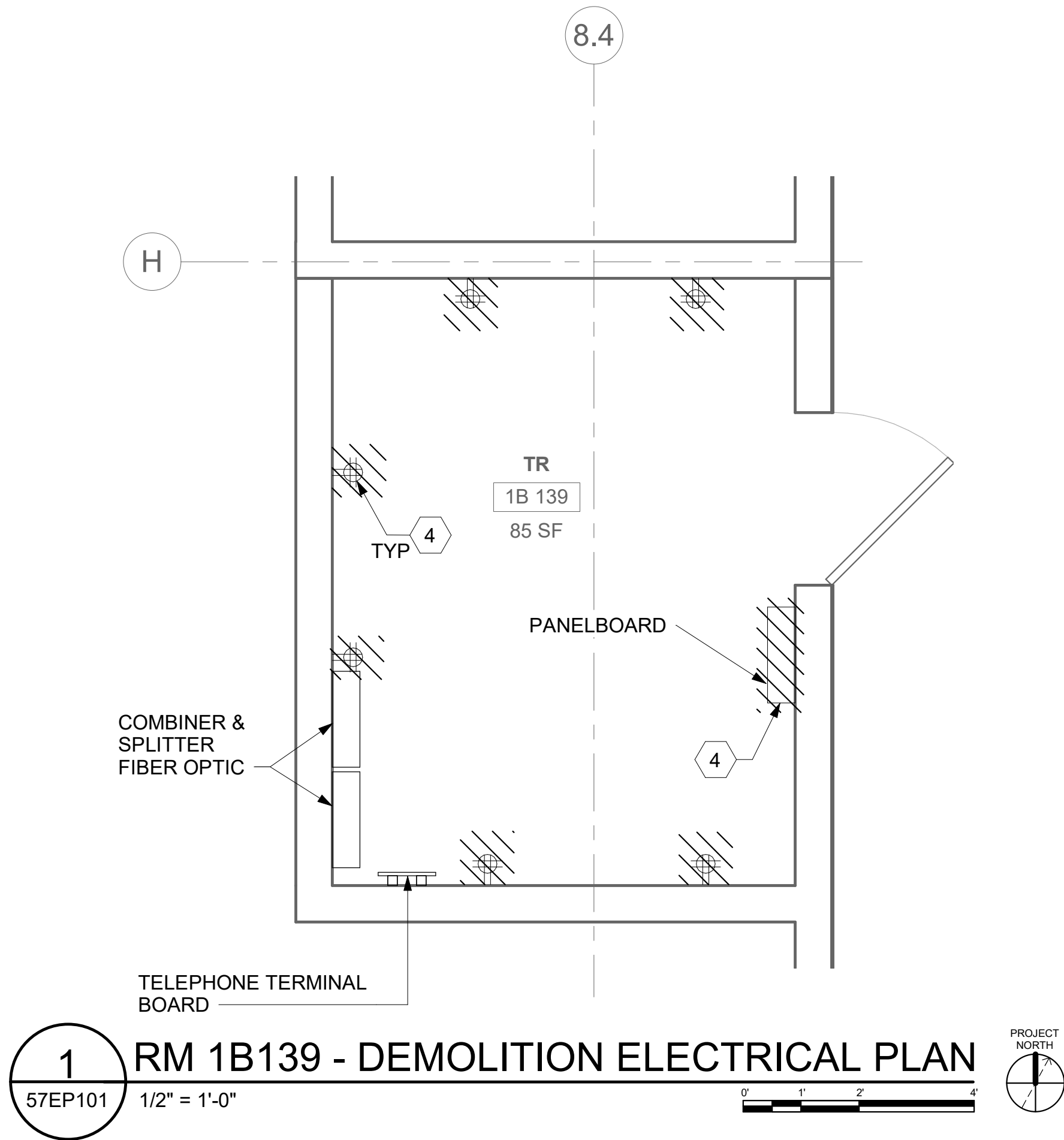
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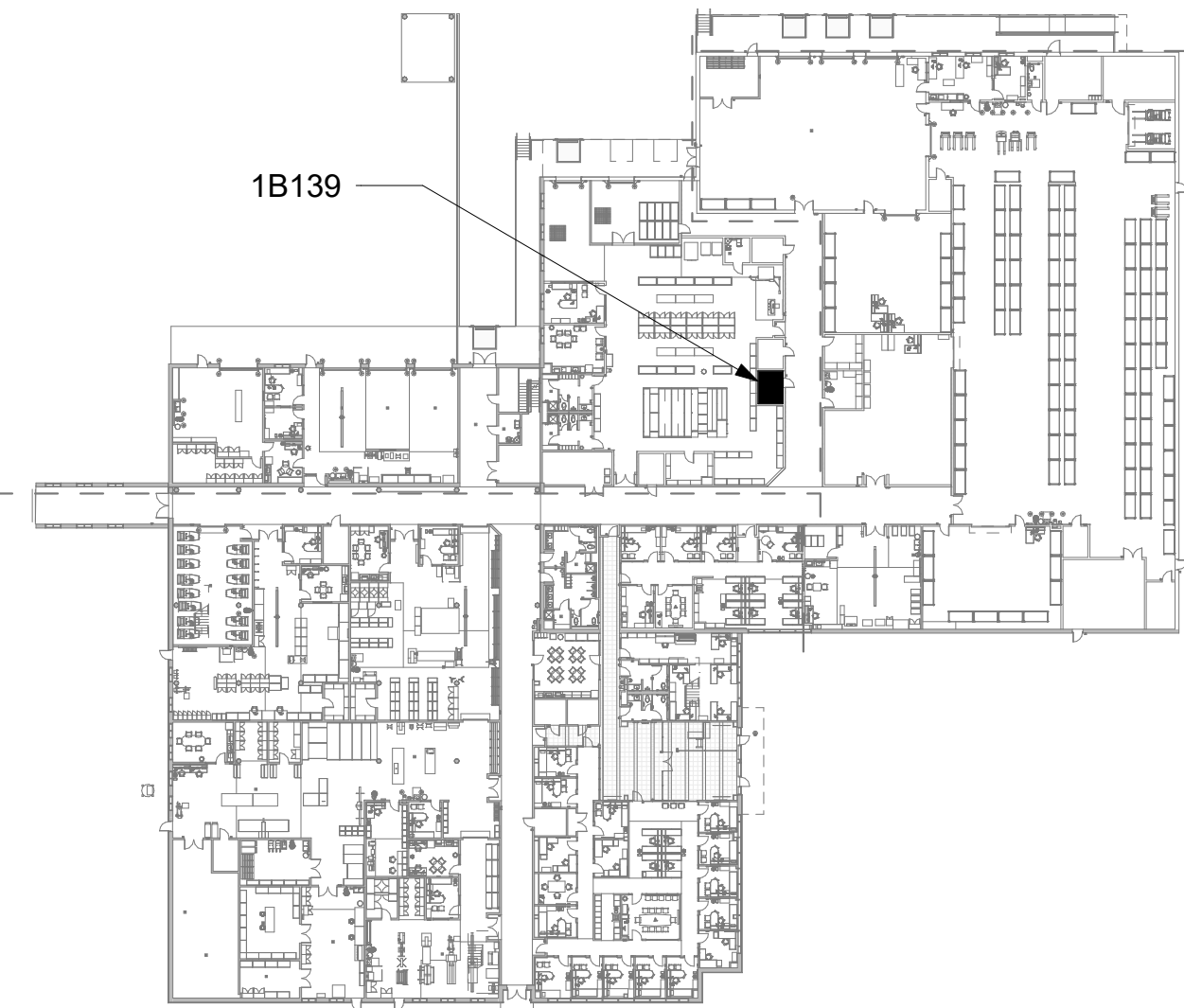
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SPEESDESIGNBUILD

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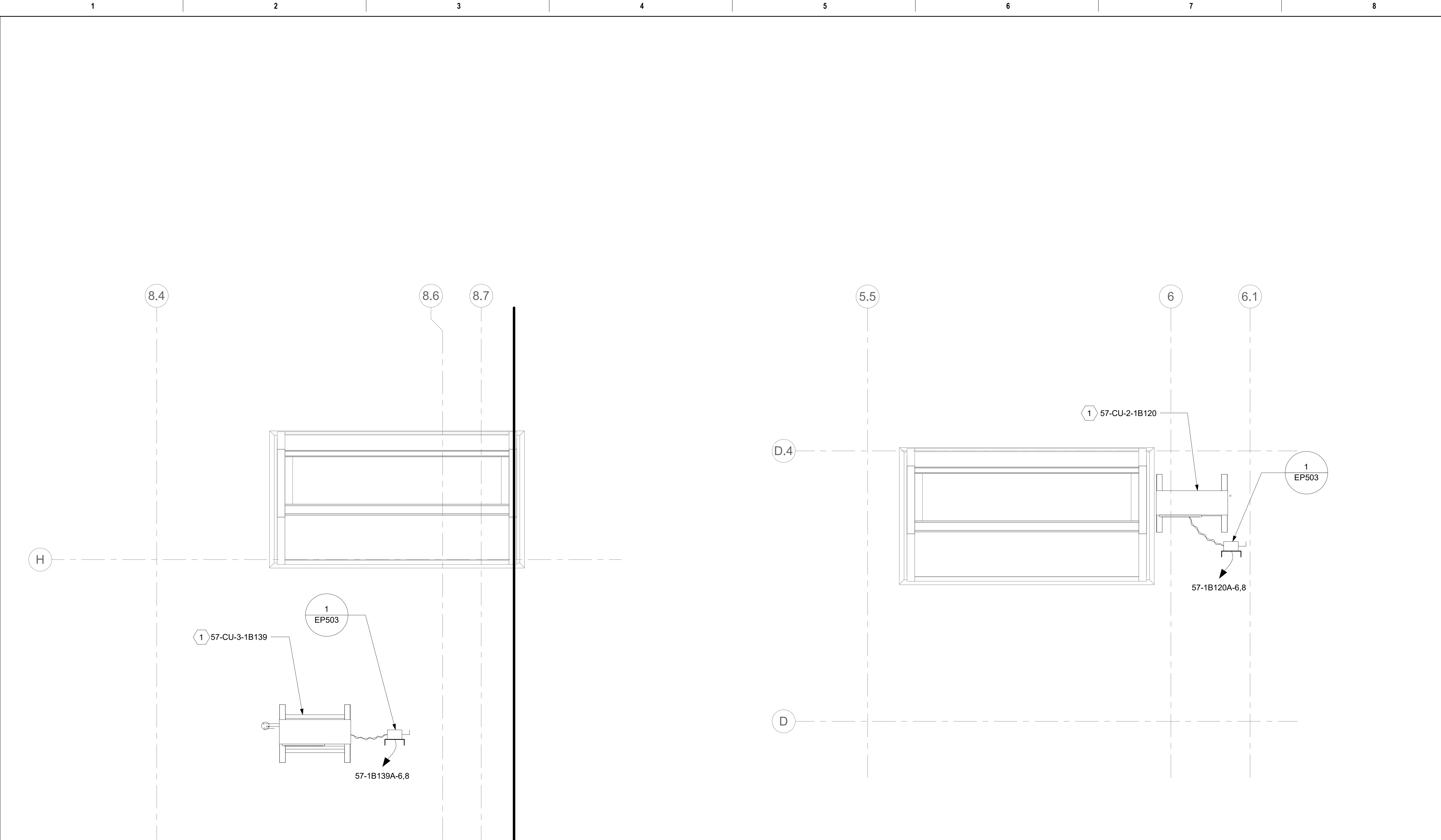
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
BLDG 57 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
JEFFERSON BARRACKS - 1 JEFFERSON BARRACKS DRIVE - ST. LOUIS, MO 63125
Issue Date
03/31/2022
Checked
LRL/WNM
Drawn
LLT/JPS

Project Number
657-21-701JB
Building Number
57
Drawing Number
57EP401b
249 OF 435



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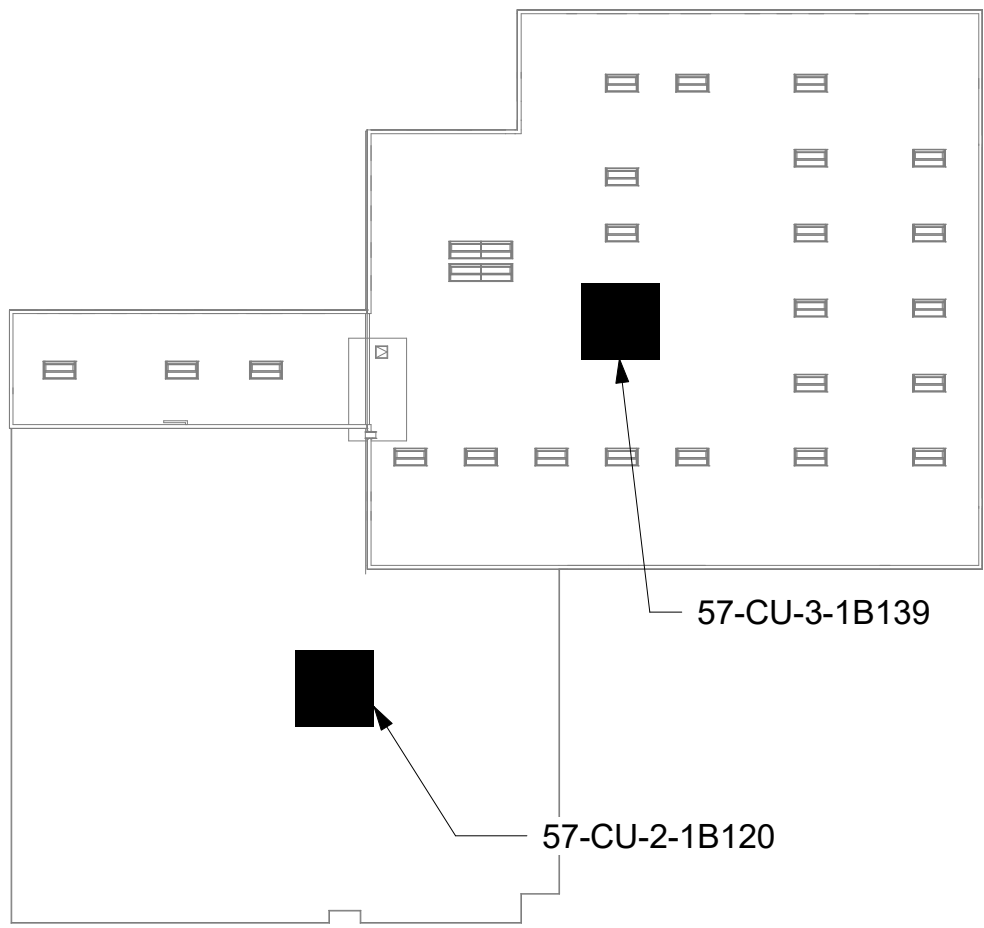
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		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title BLDG 57 - ENLARGED ROOF PLANS	Phase CONSTRUCTION DOCUMENTS	Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 657-21-701JB
			A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES	STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER 45681 3-31-23	VA U.S. Department of Veterans Affairs	Approved:	FULLY SPRINKLERED	Location JEFFERSON BARRACKS - 1 JEFFERSON BARRACKS DRIVE - ST. LOUIS, MO 63125	Building Number 57
Revisions:		Date:						Issue Date 03/31/2022	Checked LRL/WM
								Drawn LLT/JPS	Drawing Number 57EP402
									250 OF 435



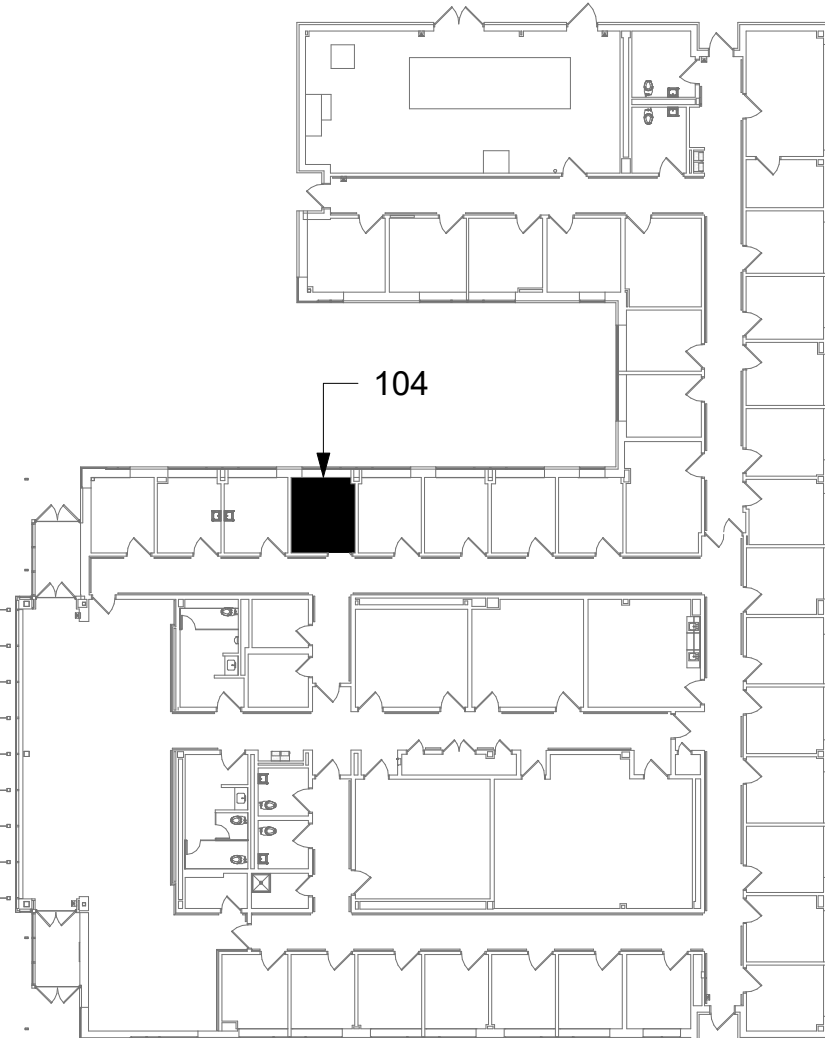
GENERAL NOTES

- 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.
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- REFERENCE CORRESPONDING ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
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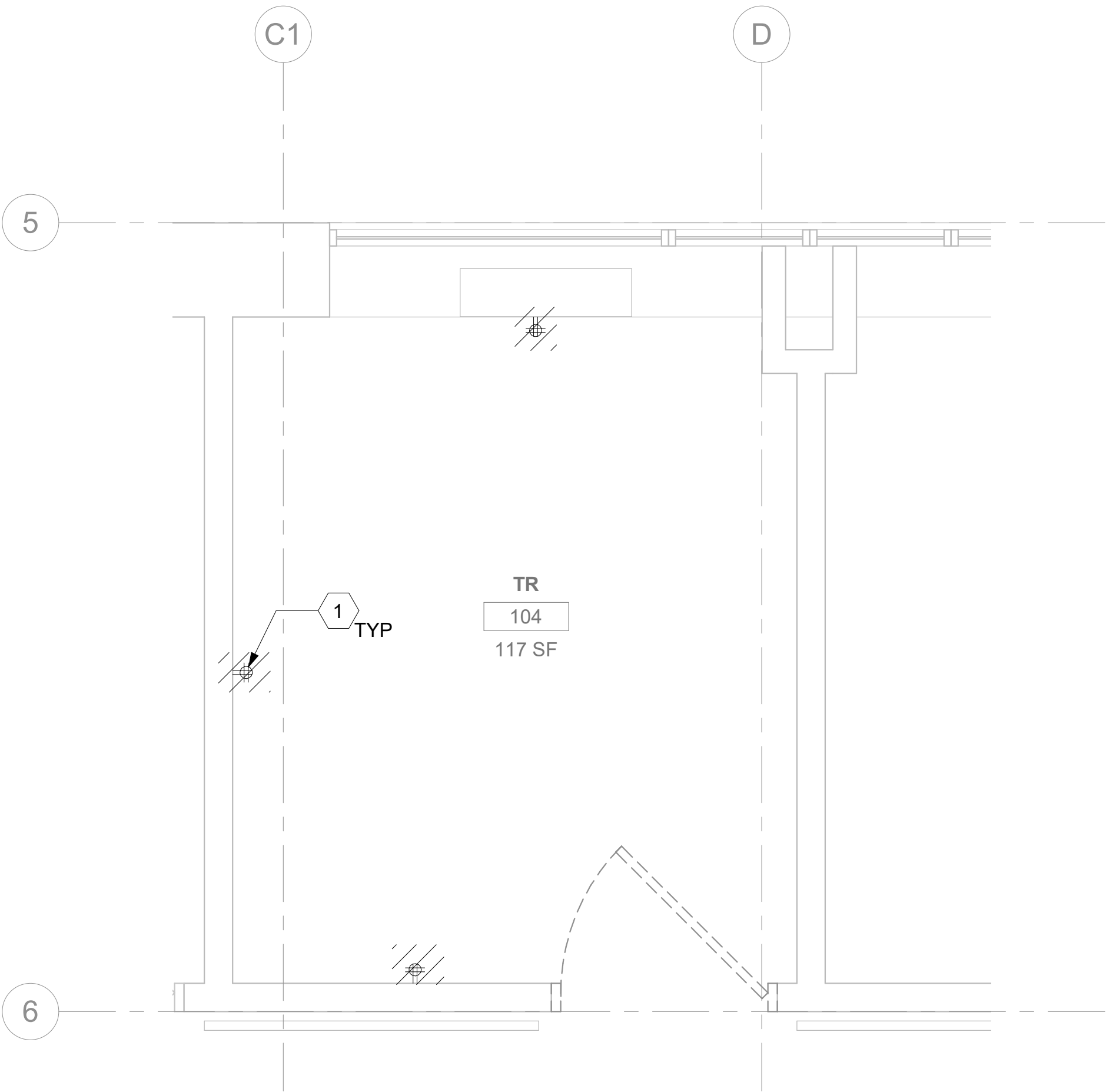
KEY NOTES

- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- SECONDARY BONDING BUS BAR.
- SOURCE A POWER PANELBOARD "58-104A".
- SOURCE B POWER PANELBOARD "58-104B".
- 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.

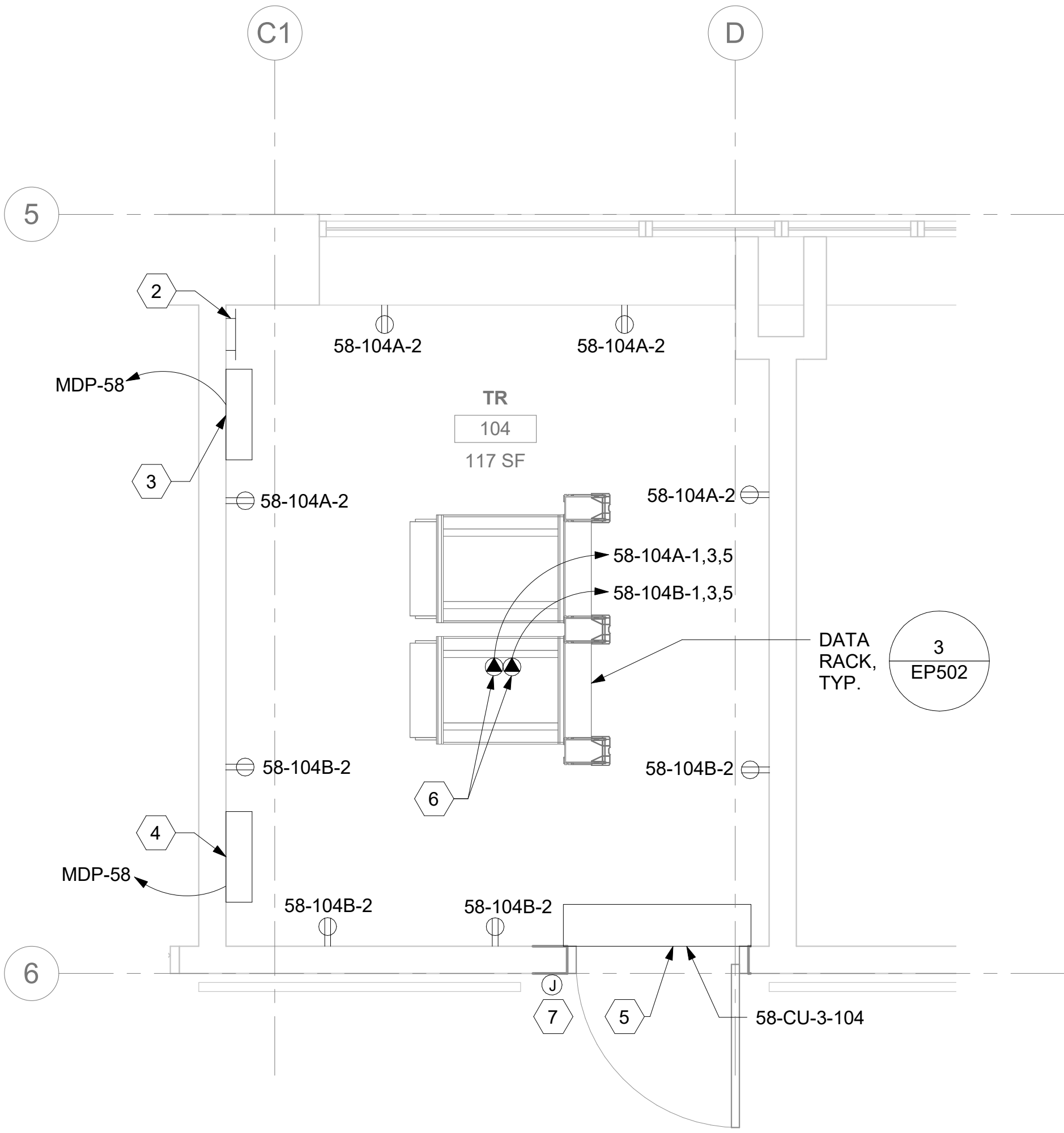
KEY PLAN



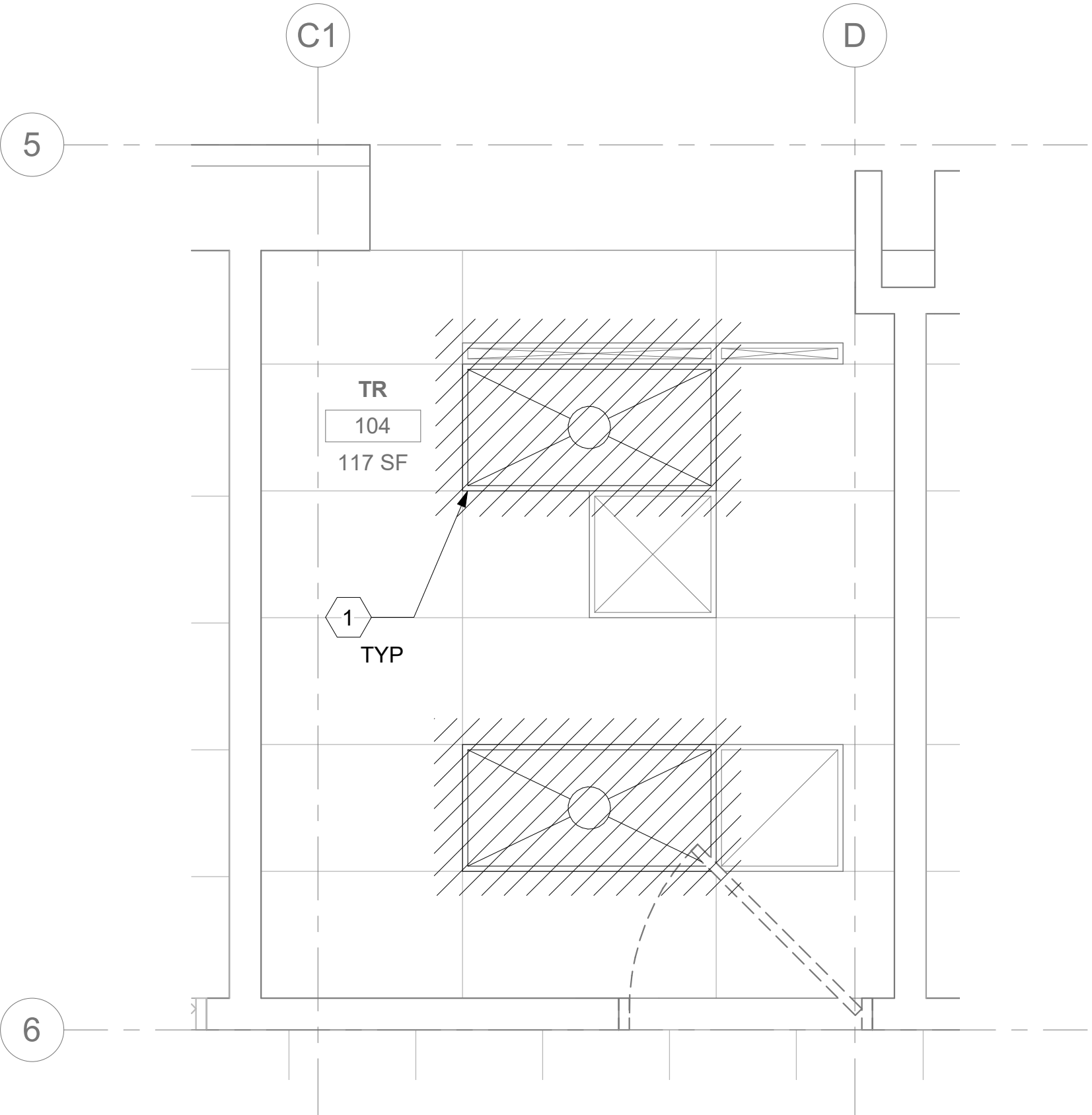
- AREA OF WORK



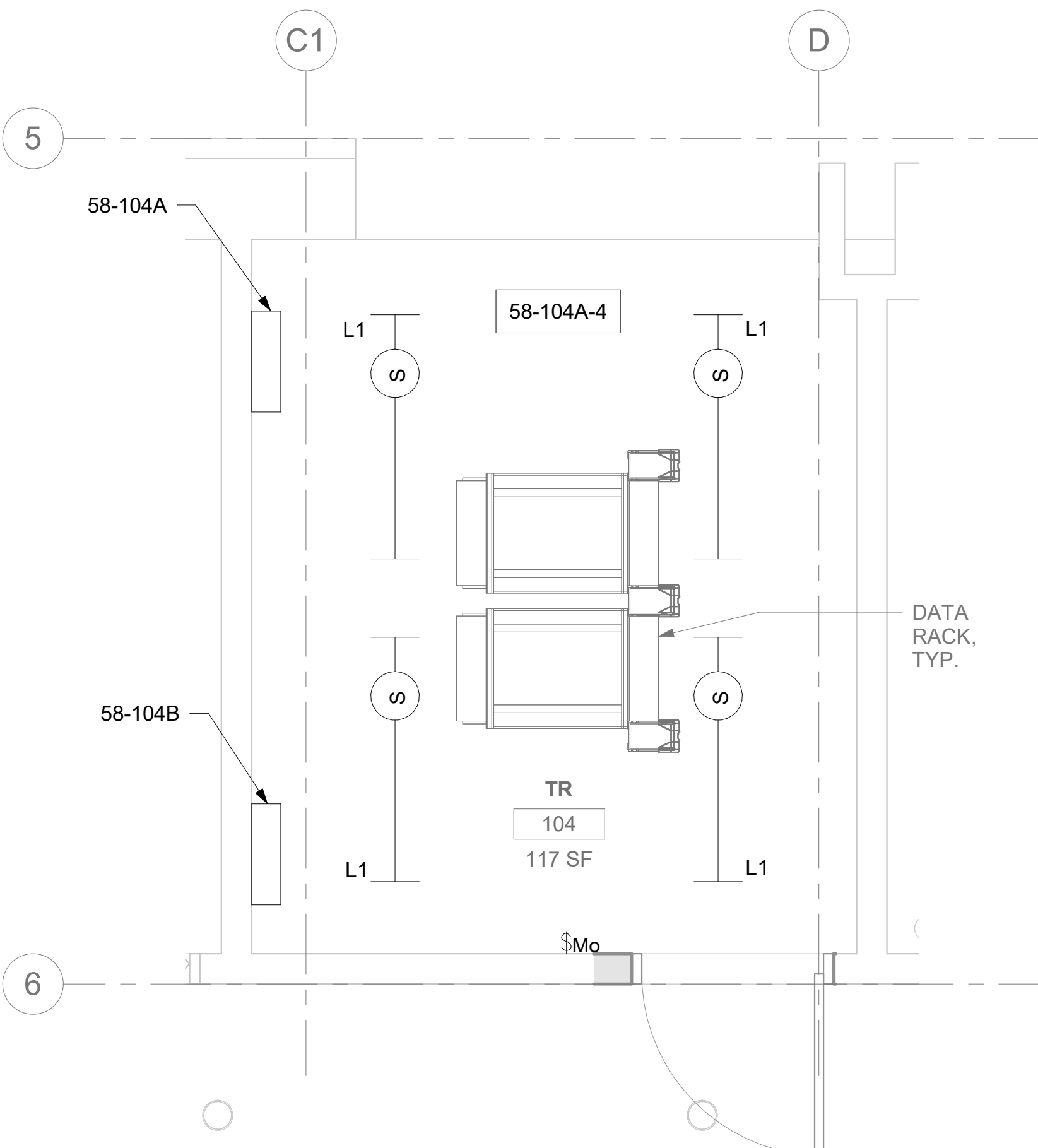
1 RM 104 - DEMOLITION ELECTRICAL PLAN  
58EP101 1/2" = 1'-0"



2 RM 104 - ELECTRICAL PLAN  
58EP101 1/2" = 1'-0"



3 RM 104 - DEMOLITION LIGHTING PLAN  
58EP101 1/2" = 1'-0"



4 RM 104 - LIGHTING PLAN  
58EP101 1/2" = 1'-0"

		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	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	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	BLDG 58 - FLOOR 1 - ENLARGED ELECTRICAL PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					Approved:	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 58
							Issue Date 03/31/2022	Checked LRL/WM
							Drawn LLT/JPS	Drawing Number 58EP401
								251 OF 435

**A**

B

**C**

D

E

F

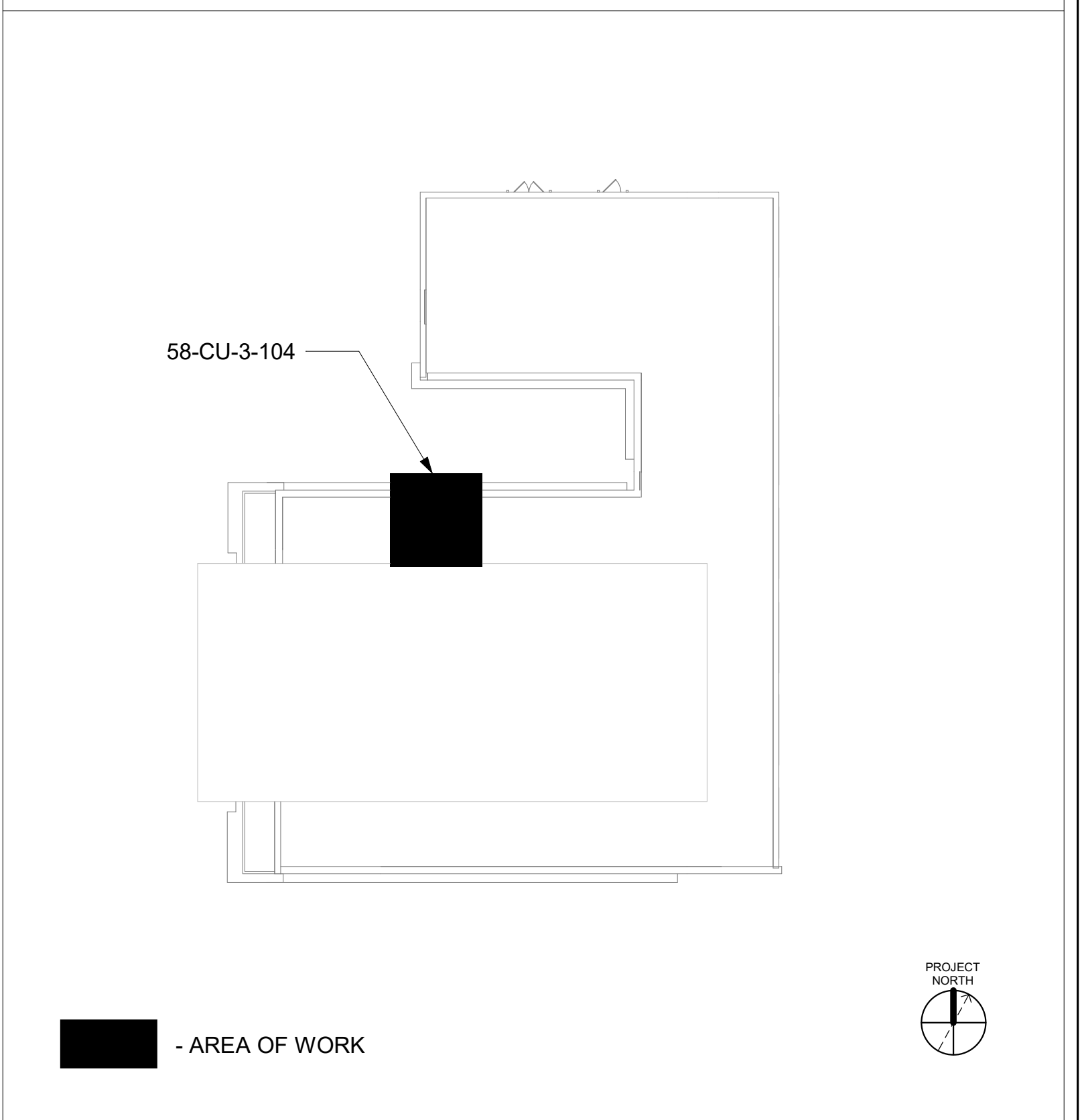
## GENERAL NOTES

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3. 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.
4. 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.
5. SEAL ALL INTERIOR WALLS AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. 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 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

[illegible]



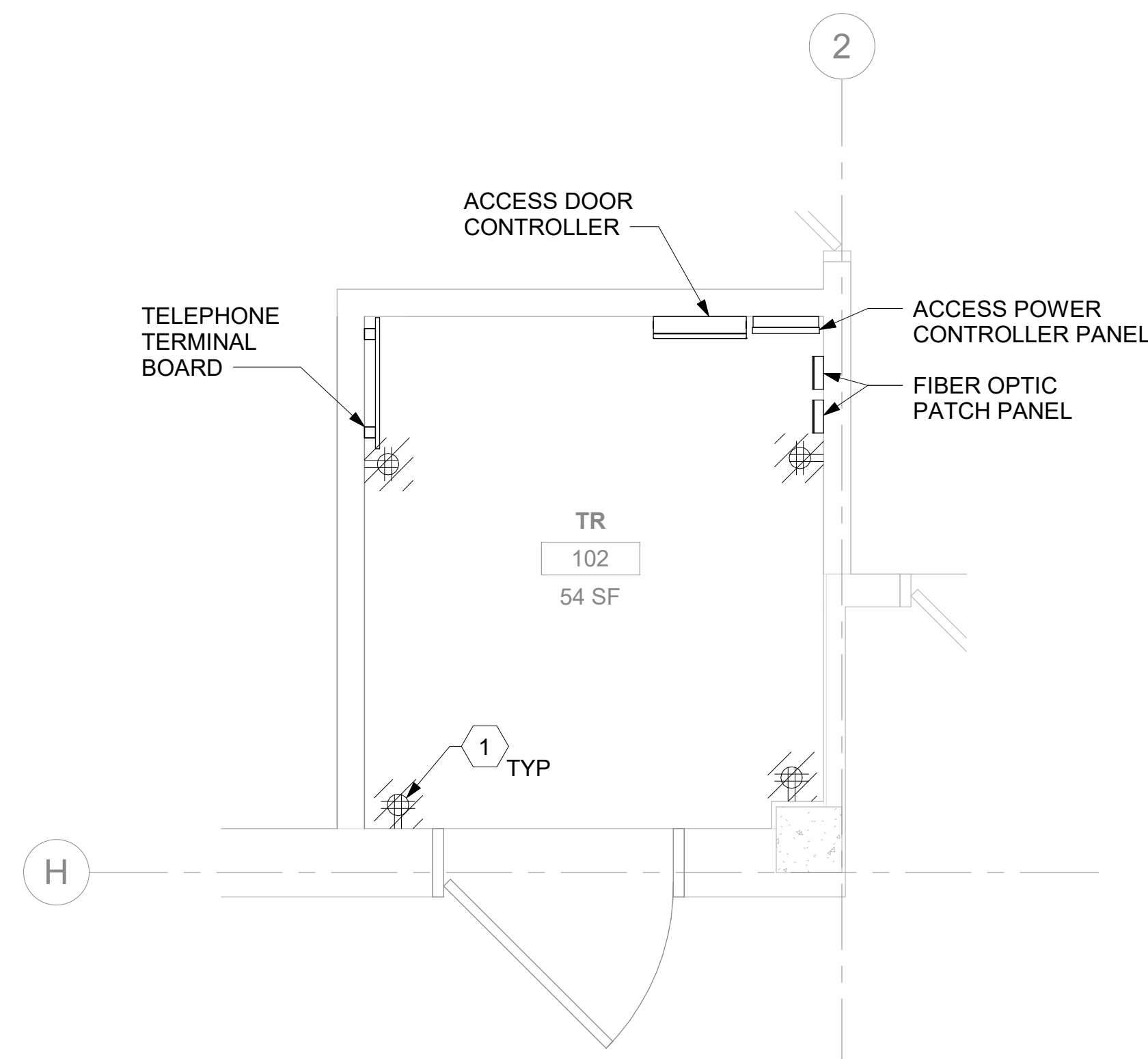
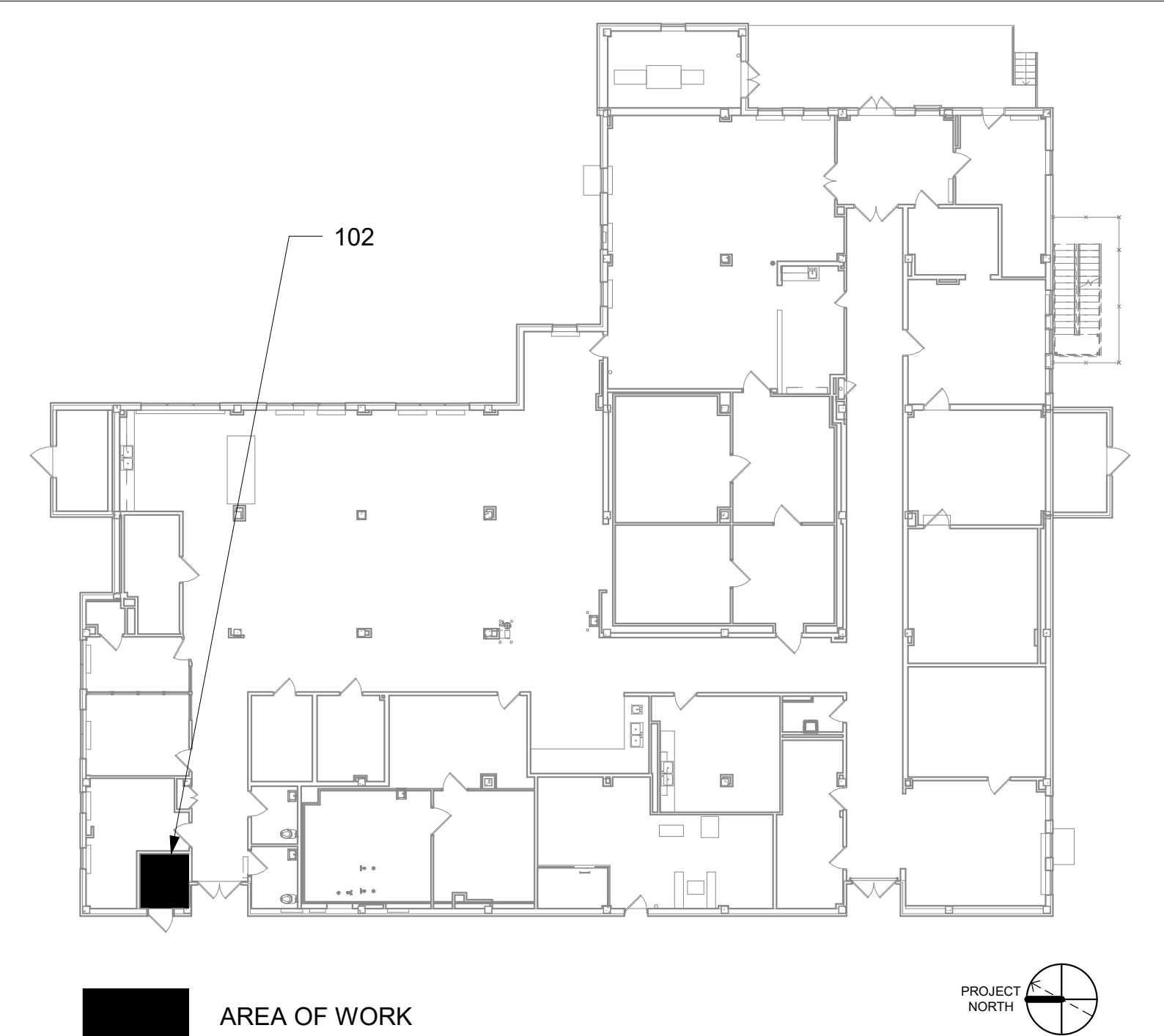
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8. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
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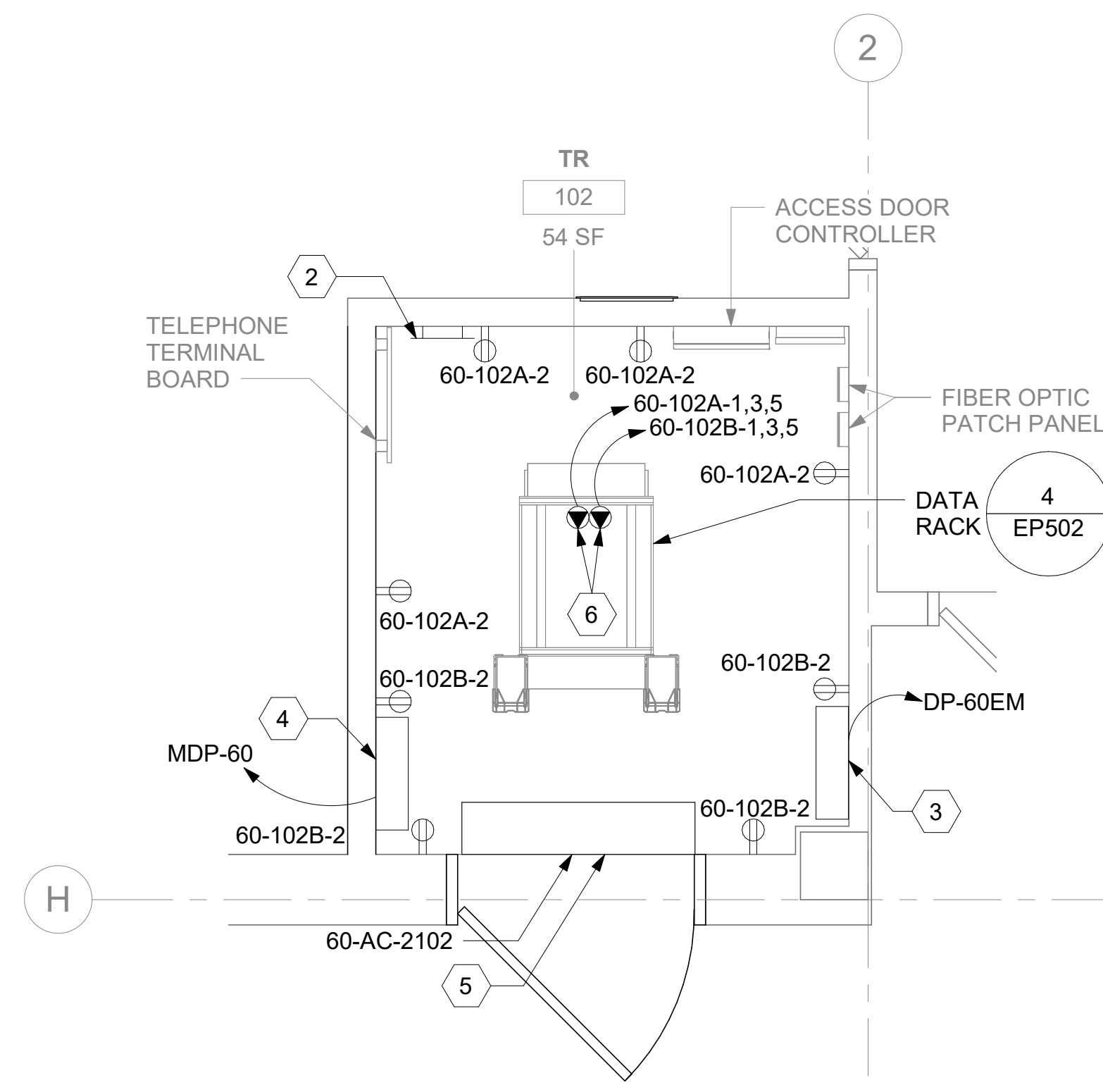
## KEY NOTES


- 1 EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
- 2 SECONDARY BONDING BUS BAR.
- 3 SOURCE A POWER PANELBOARD "60-102A".
- 4 SOURCE B POWER PANELBOARD "60-102B".
- 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.

## KEY PLAN

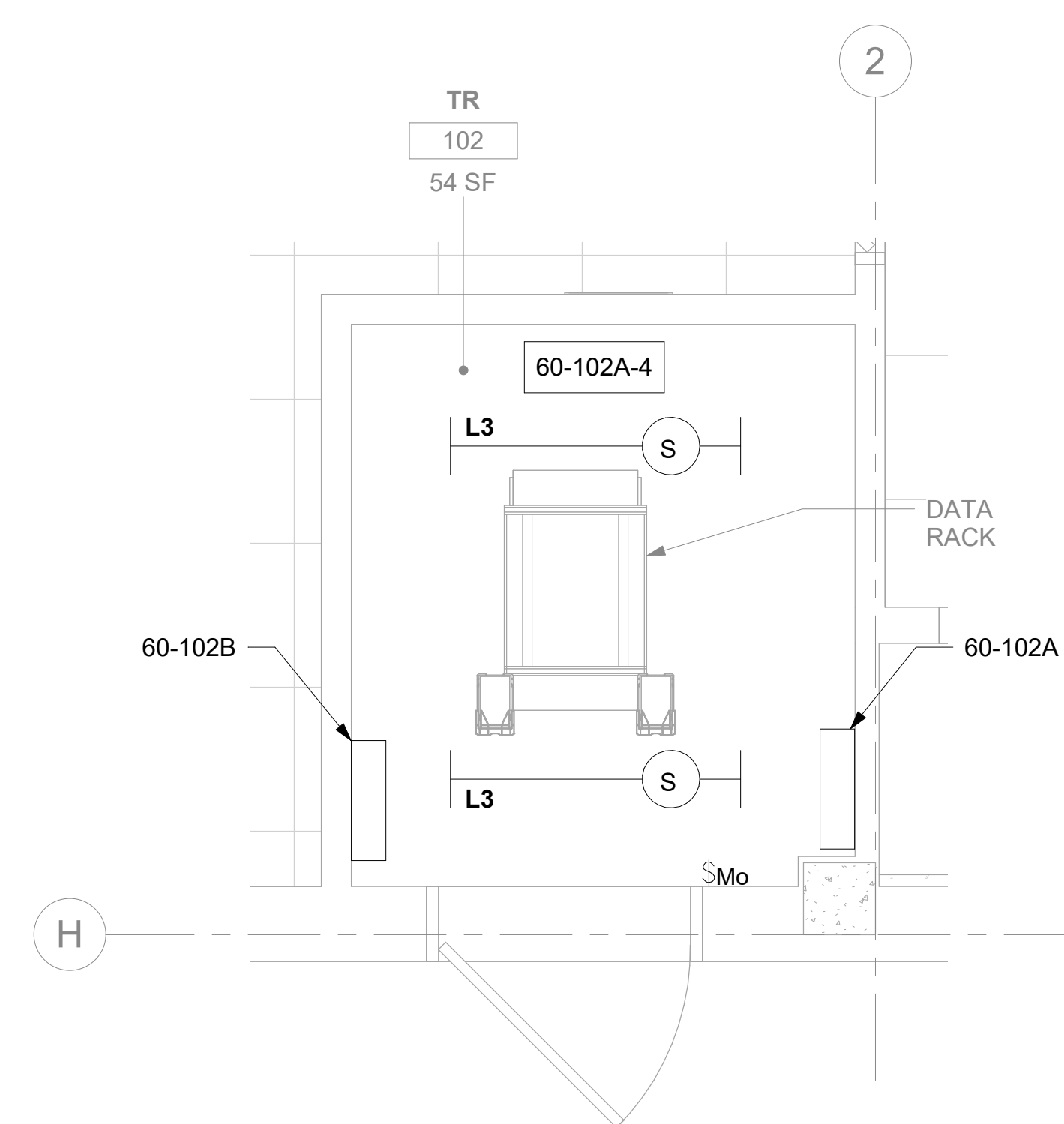


1 RM 102 - DEMOLITION ELECTRICAL PLAN  
60EP101 1/2" = 1'-0" PROJECT NORTH



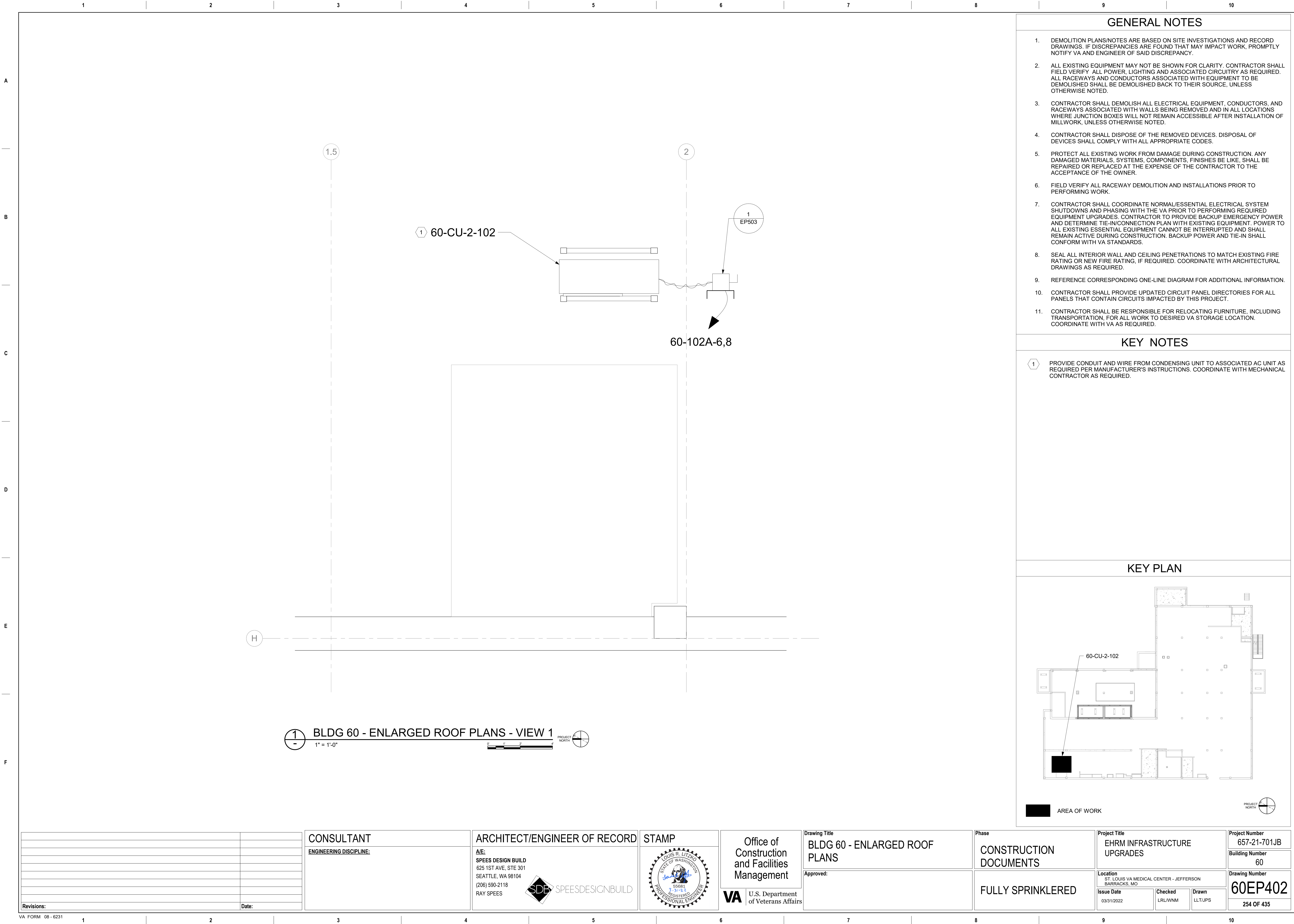


3 RM 102 - DEMOLITION LIGHTING PLAN  
60EP101 1/2" = 1'-0"  PROJECT NORTH 



4 RM 102 - LIGHTING PLAN PROJECT NORTH

[illegible]

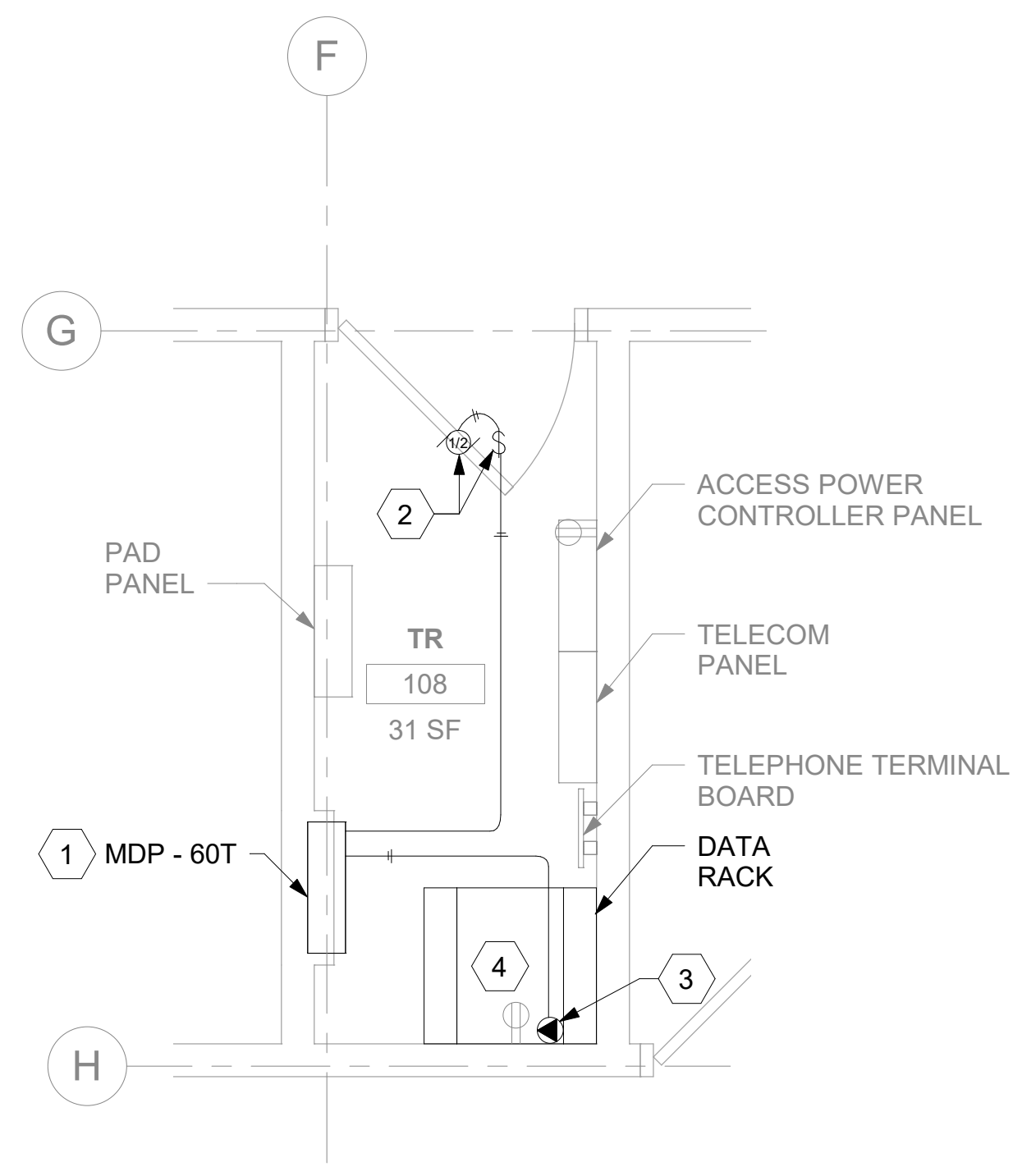




## KEY NOTES

- |   |   |
|---|---|
| 1 | EXISTING PANEL TO BE MODIFIED. REFERENCE ONE-LINE DIAGRAM ON SHEET 60EPE01 FOR ADDITIONAL INFORMATION.                          |
| 2 | IN-LINE TRANSFER FAN WITH SPEED CONTROLLER. COORDINATE SPEED CONTROLLER INSTALLATION LOCATION WITH MECHANICAL CONTRACTOR.       |
| 3 | UPS RECEPTACLE.   |
| 4 | CONTRACTOR SHALL REPLACE EXISTING RACK-MOUNTED UPS WITH NEW UPS. UPS SHALL BE 3KW, 120V, 1-PHASE, APC #SMX3000RMLV2U, OR EQUAL. |

## KEY PLAN



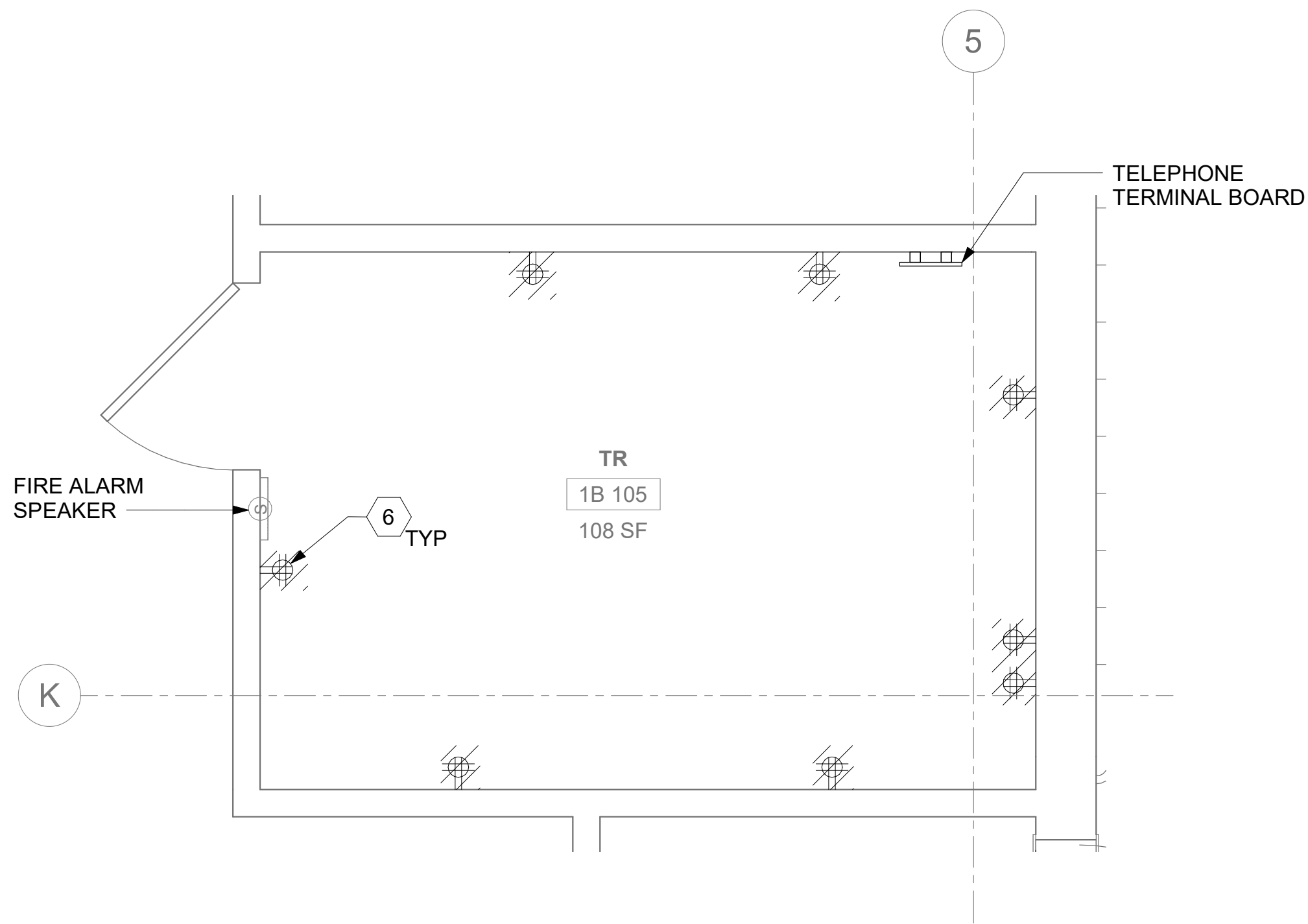
2 RM 108 - ELECTRICAL PLAN

60TEP101 1/2" = 1'-0"

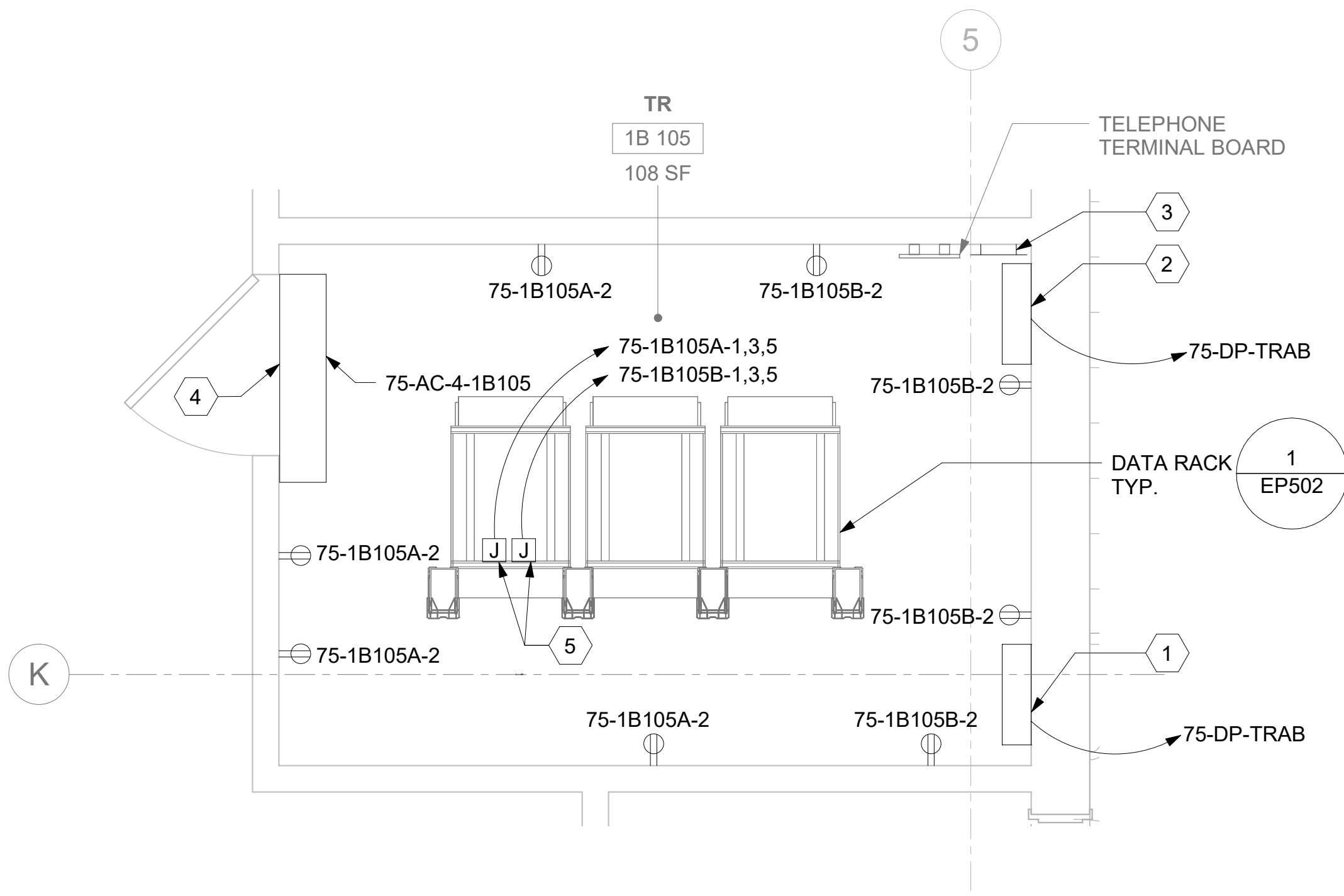
0' 1' 2' 4'

PROJECT NORTH

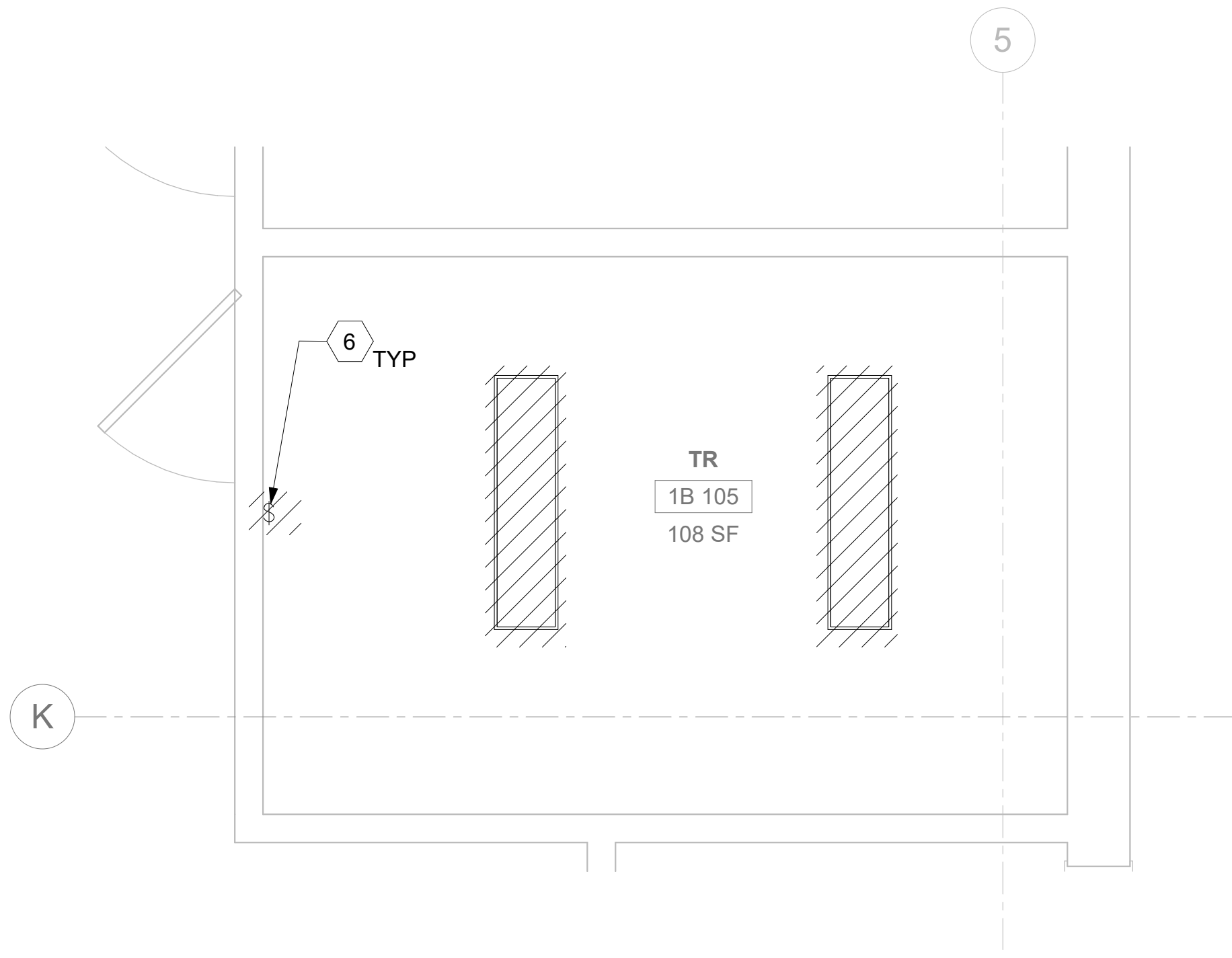
VA FORM 08 - 6231									
1	2	3	4	5	6	7	8	9	10



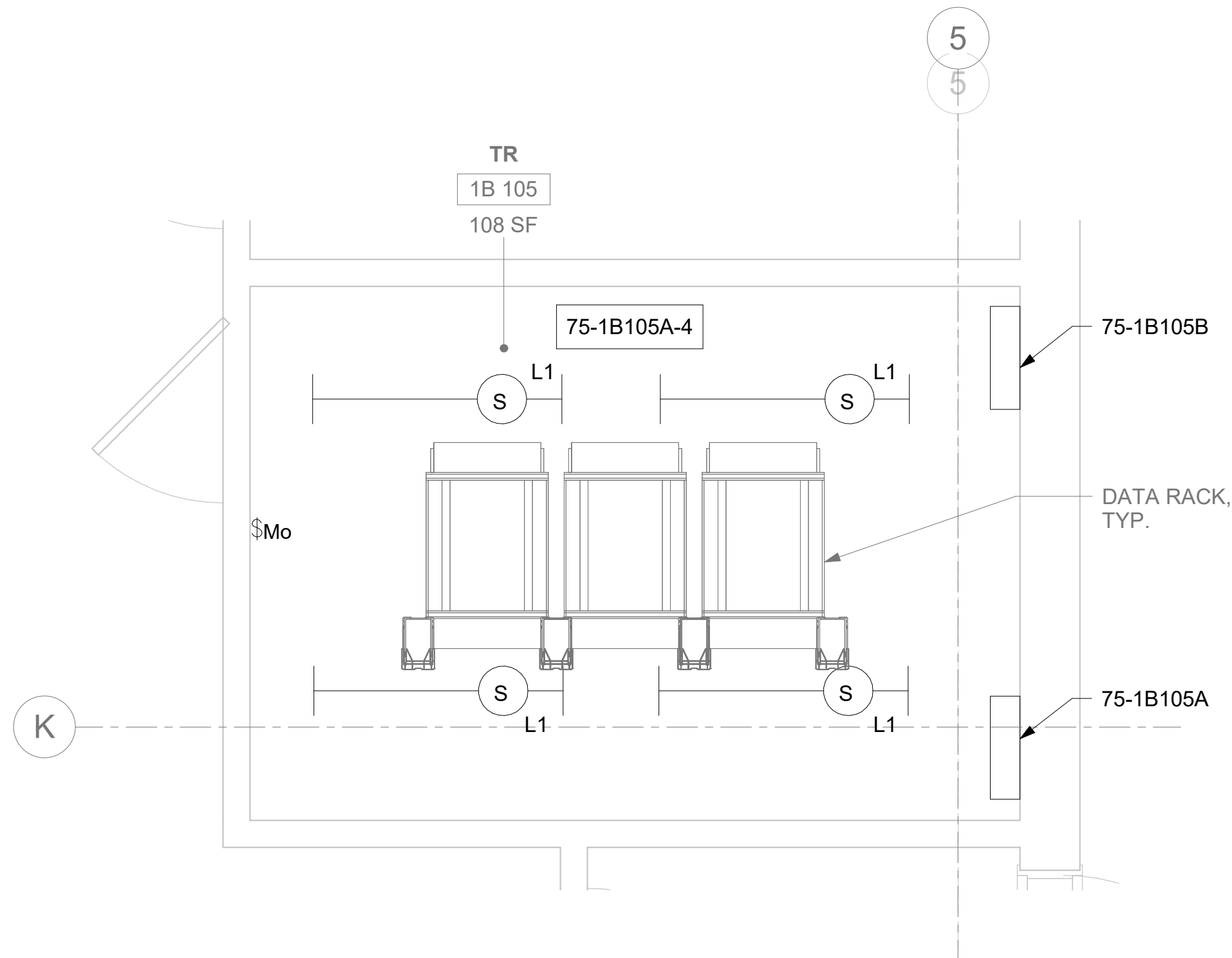
**1** RM 1B 105 - DEMOLITION ELECTRICAL PLAN  
75EP101 1/2" = 1'-0" PROJECT NORTH



**2** RM 1B 105 - ELECTRICAL PLAN  
75EP101 1/2" = 1'-0" PROJECT NORTH



**3** RM 1B 105 - DEMOLITION LIGHTING PLAN  
75EP101 1/2" = 1'-0" PROJECT NORTH



**4** RM 1B 105 - LIGHTING PLAN  
75EP101 1/2" = 1'-0" PROJECT NORTH

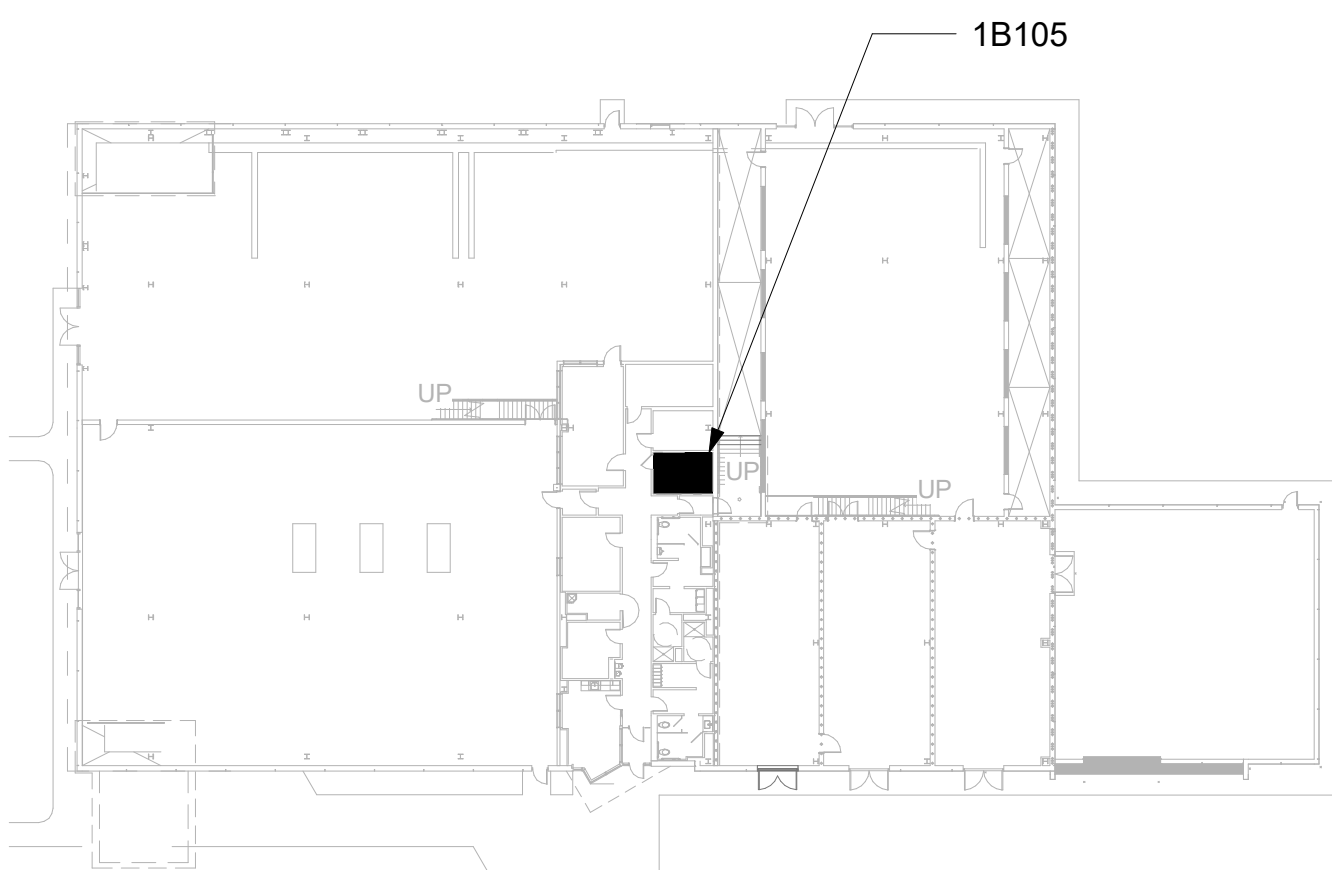
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## KEY NOTES

- SOURCE A POWER PANELBOARD "75-1B105A".
- SOURCE B POWER PANELBOARD "75-1B105B".
- SECONDARY BONDING BUS BAR.
- 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 JUNCTION BOX.
- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.

## KEY PLAN



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
SPEESDESIGNBUILD

STAMP
LOUIS R. LITZAO STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER 35681

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

Drawing Title
BLDG 75 - FLOOR 1 - ENLARGED ELECTRICAL PLANS
Approved:

Phase
CONSTRUCTION DOCUMENTS

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
75
Drawing Number
75EP401
256 OF 435



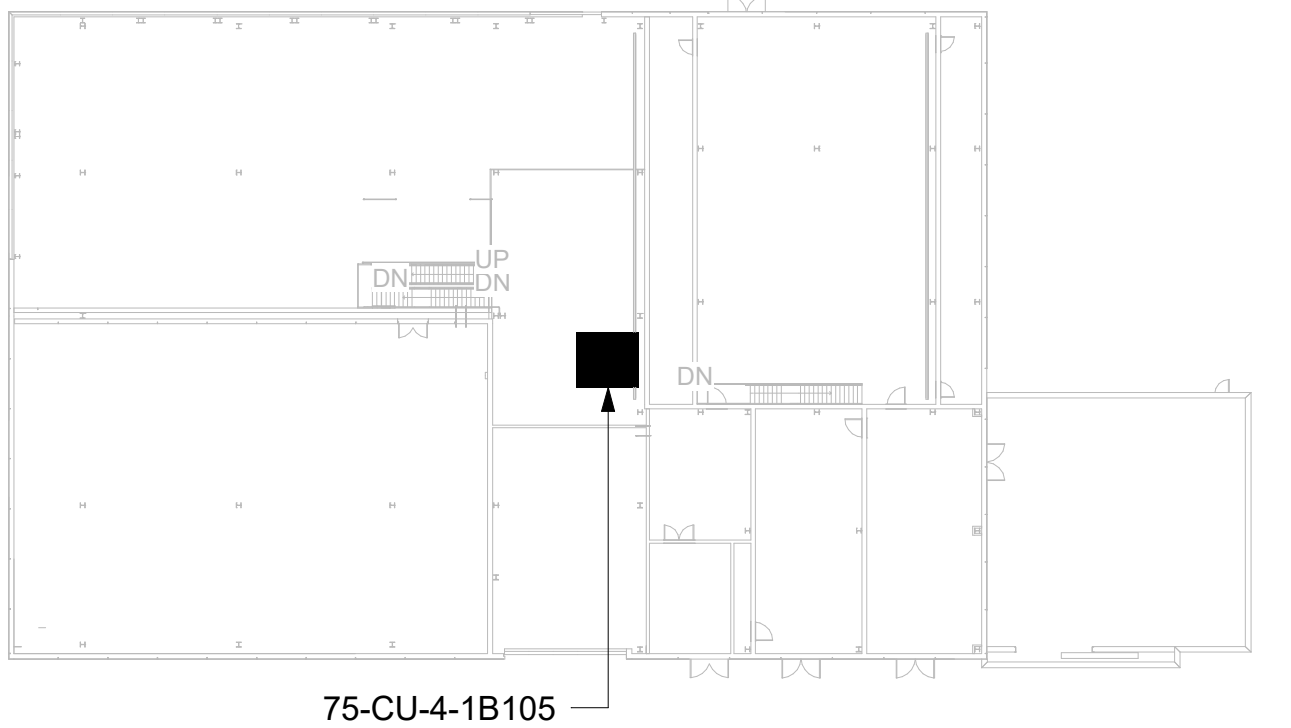
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- 1 PROVIDE CONDUIT AND WIRE FROM CONDENSING UNIT TO ASSOCIATED AC UNIT AS REQUIRED PER MANUFACTURER'S INSTRUCTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.

## KEY PLAN

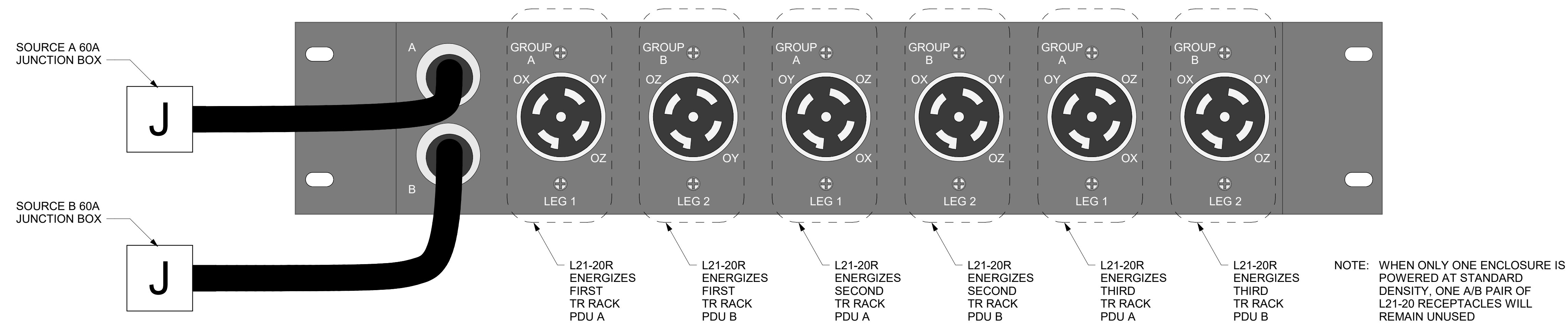


AREA OF WORK

[illegible]

### DETAIL NOTES

1. EQUIPMENT PROVIDED  
AND INSTALLED BY OTHERS.

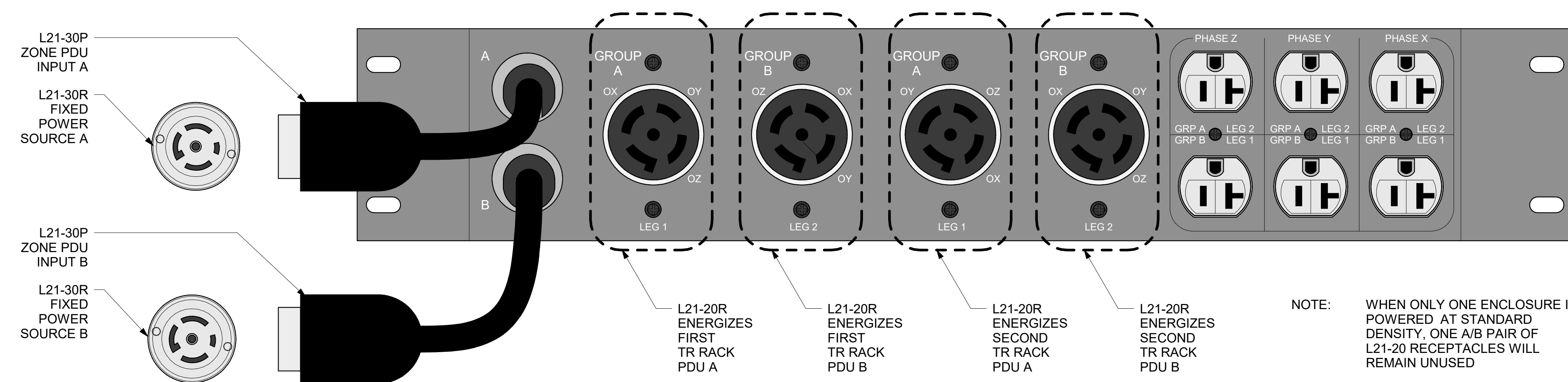


CONNECTION DETAIL FOR 60A ZONE PDU UNIT SUPPLYING THREE-PHASE 20A (L21-20P) RACK PDU'S IN STANDARD DENSITY ENCLOSURES

2 NOT USED

### DETAIL NOTES

1. EQUIPMENT PROVIDED  
AND INSTALLED BY OTHERS.



CONNECTION DETAIL FOR 30A ZONE PDU UNIT SUPPLYING THREE-PHASE 20A (L21-20P) RACK PDU'S IN STANDARD DENSITY ENCLOSURES

4 NOT USED

[illegible]