

- ## KEY NOTES
- |   |   |
|---|---|
| 1 | SOURCE A POWER PANELBOARD "52-1S33A".   |
| 2 | SOURCE A POWER PANELBOARD "52-1S33B".   |
| 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. |
| 8 | PROVIDE REQUIRED ELECTRICAL CONNECTIONS FOR RELOCATED MECHANICAL EQUIPMENT  |

1S33A

VA FORM 08 - 6231									
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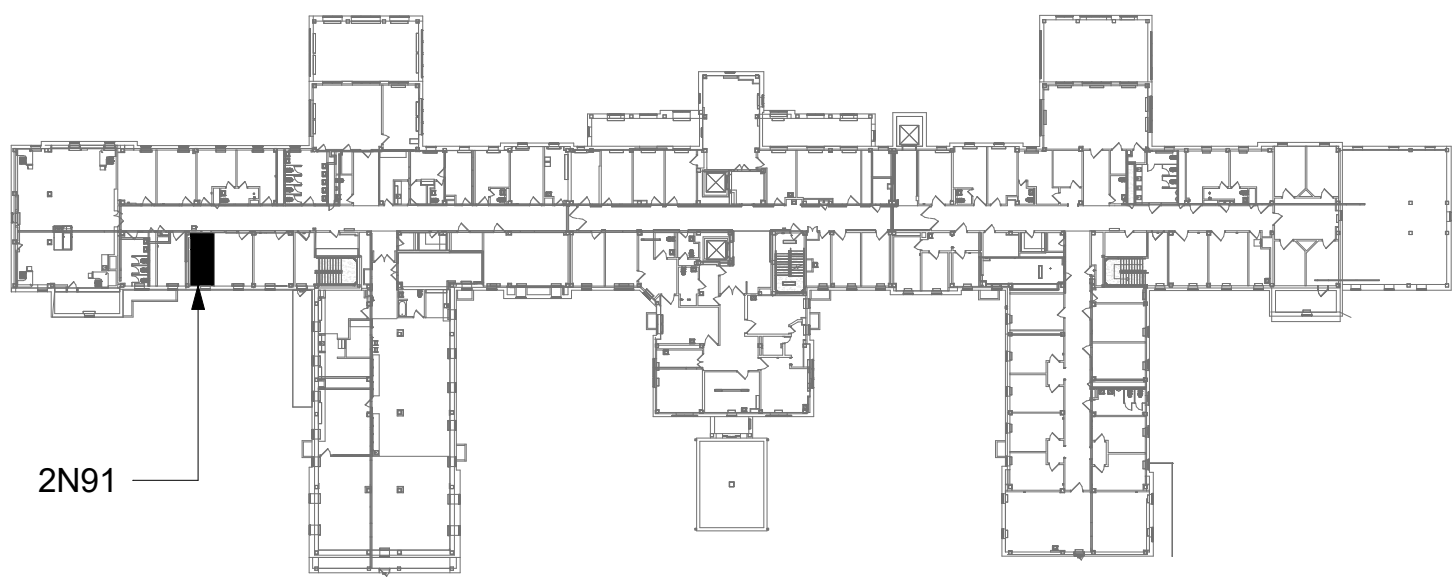
GENERAL NOTES

- 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.

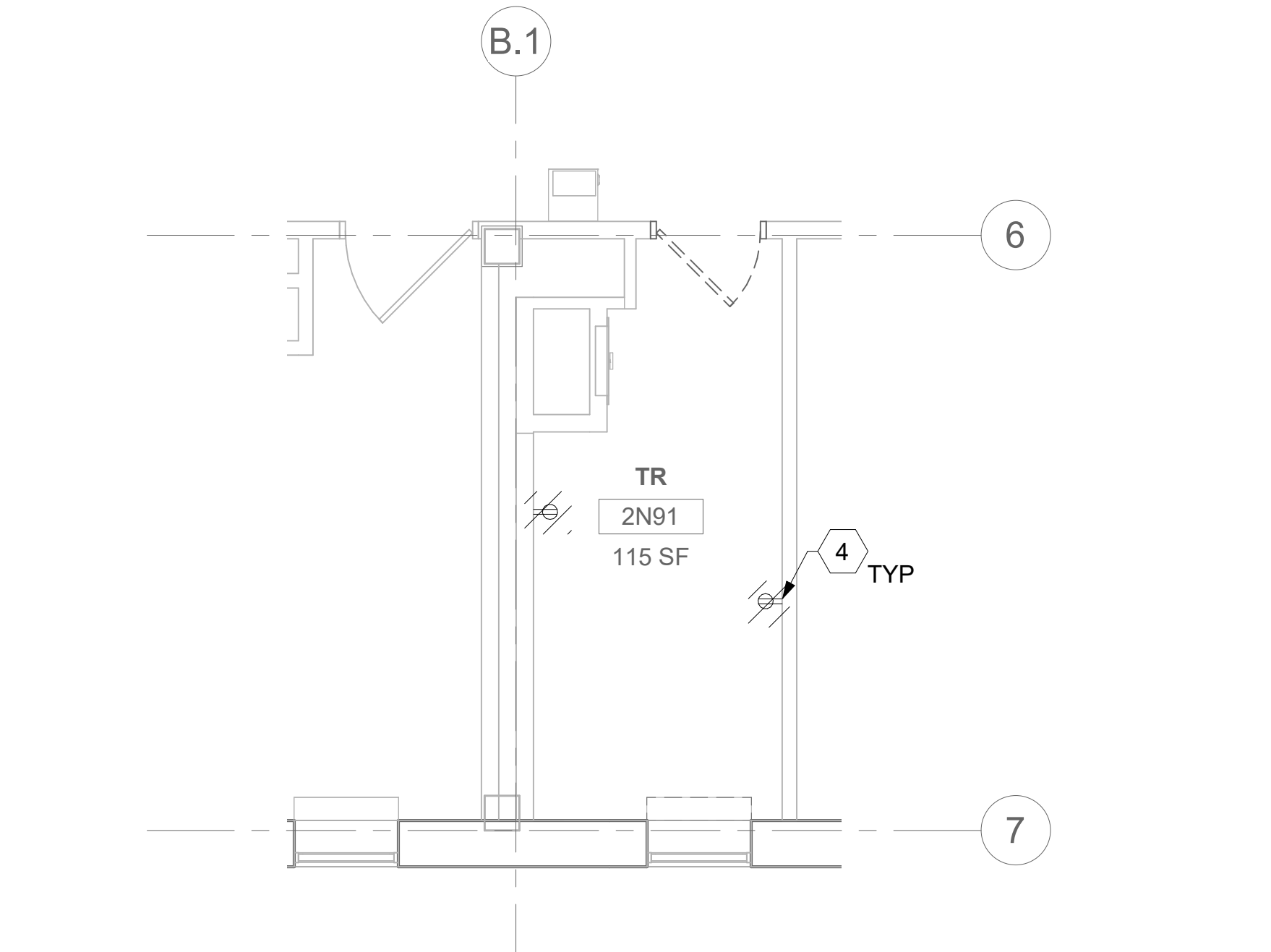
KEY NOTES

- SOURCE A POWER PANELBOARD "52-2N91A".
- SOURCE A POWER PANELBOARD "52-2N91B".
- 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.
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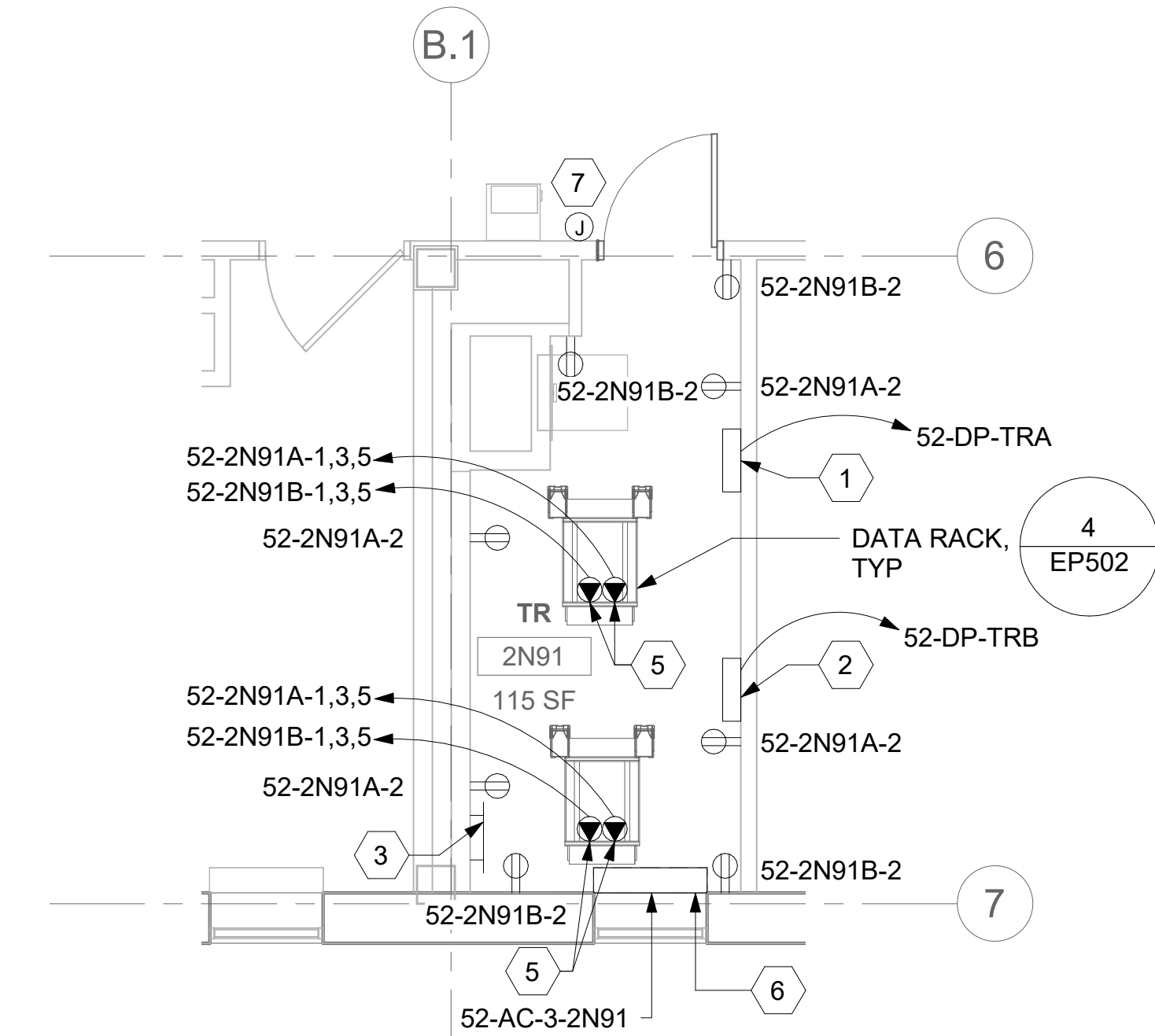
KEY PLAN



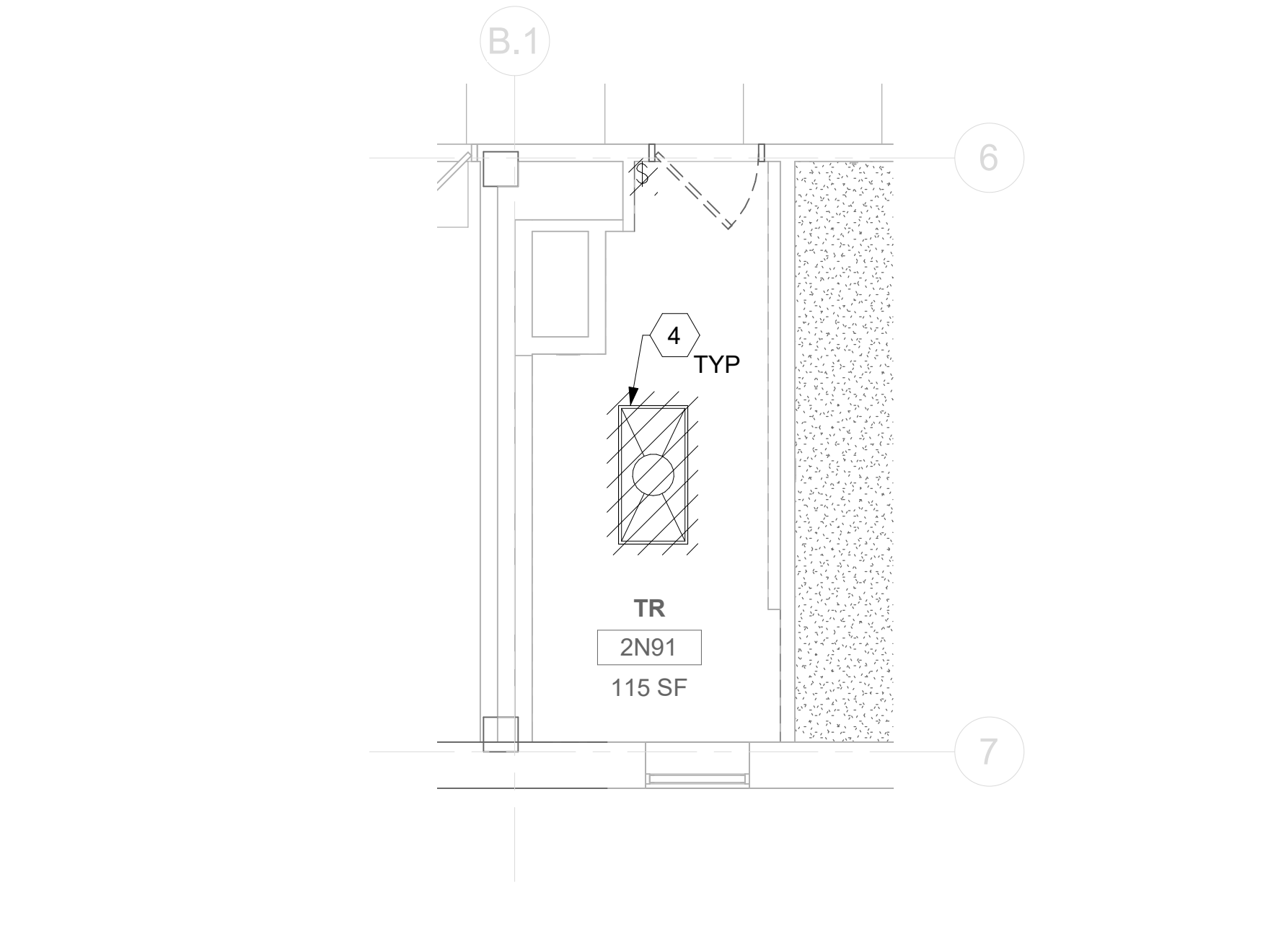
- AREA OF WORK



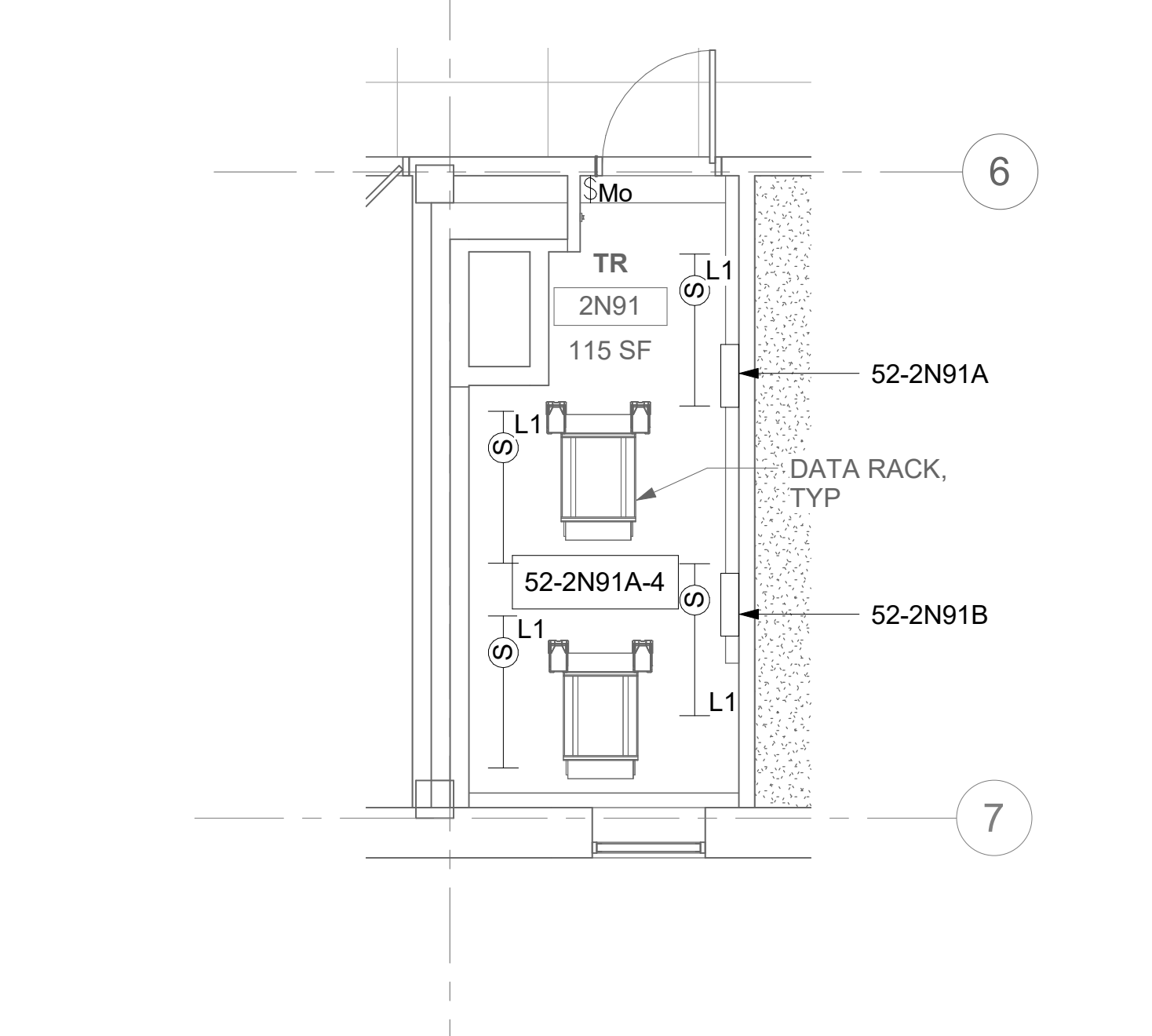
1 RM 2N91 DEMOLITION ELECTRICAL PLAN  
52EP102 1/4" = 1'-0"



2 RM 2N91 - ELECTRICAL PLAN  
52EP102 1/4" = 1'-0"



3 RM 2N91 - DEMOLITION LIGHTING PLAN  
52EP102 1/4" = 1'-0"



4 RM 2N91 - LIGHTING PLAN  
52EP102 1/4" = 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
SPEESDESIGNBUILD

STAMP
LOUIS R. LITZ STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER 35681 3-31-23

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

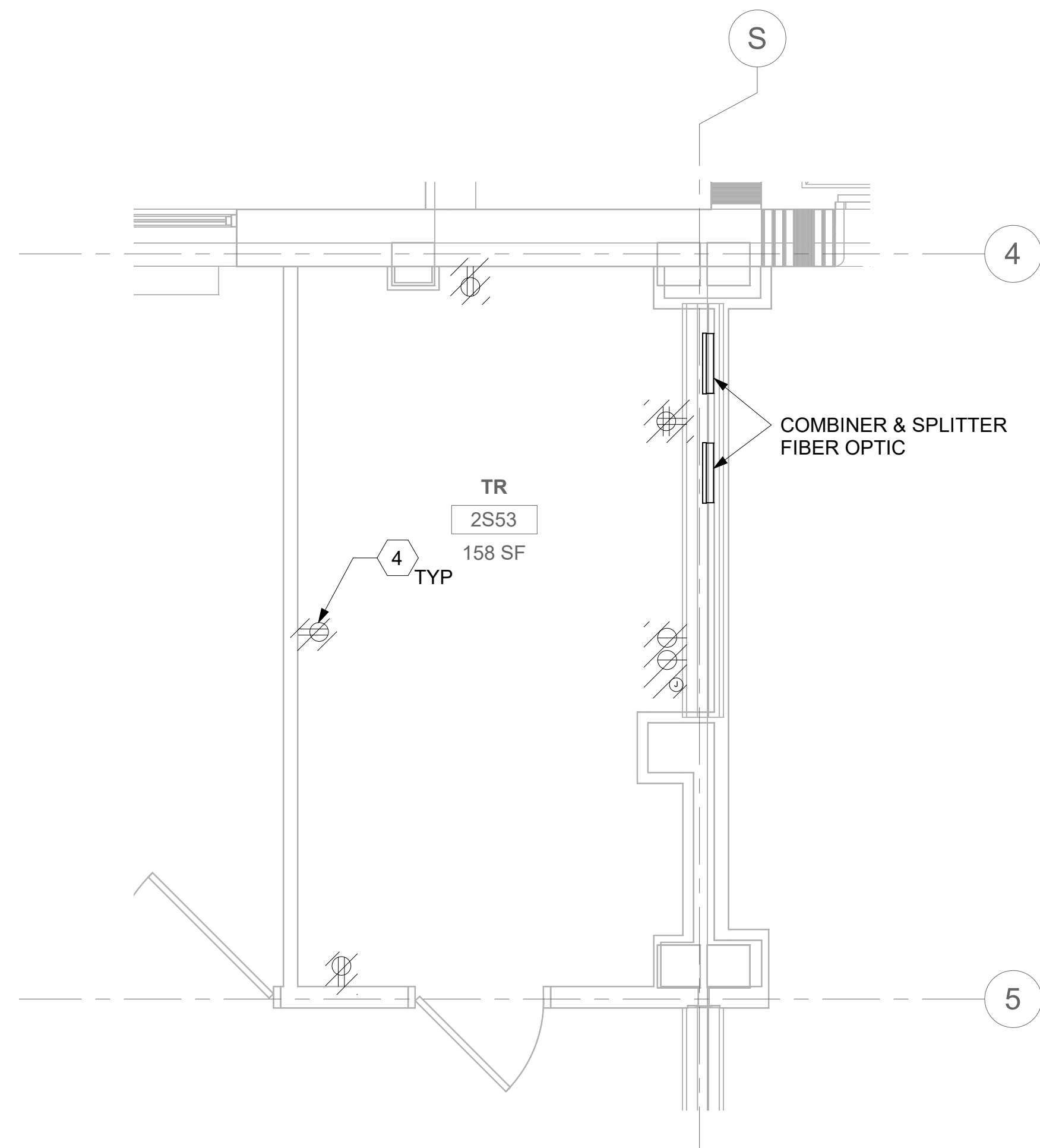
Drawing Title
BLDG 52 - FLOOR 2 - ENLARGED ELECTRICAL PLAN
Approved:

Phase
CONSTRUCTION DOCUMENTS

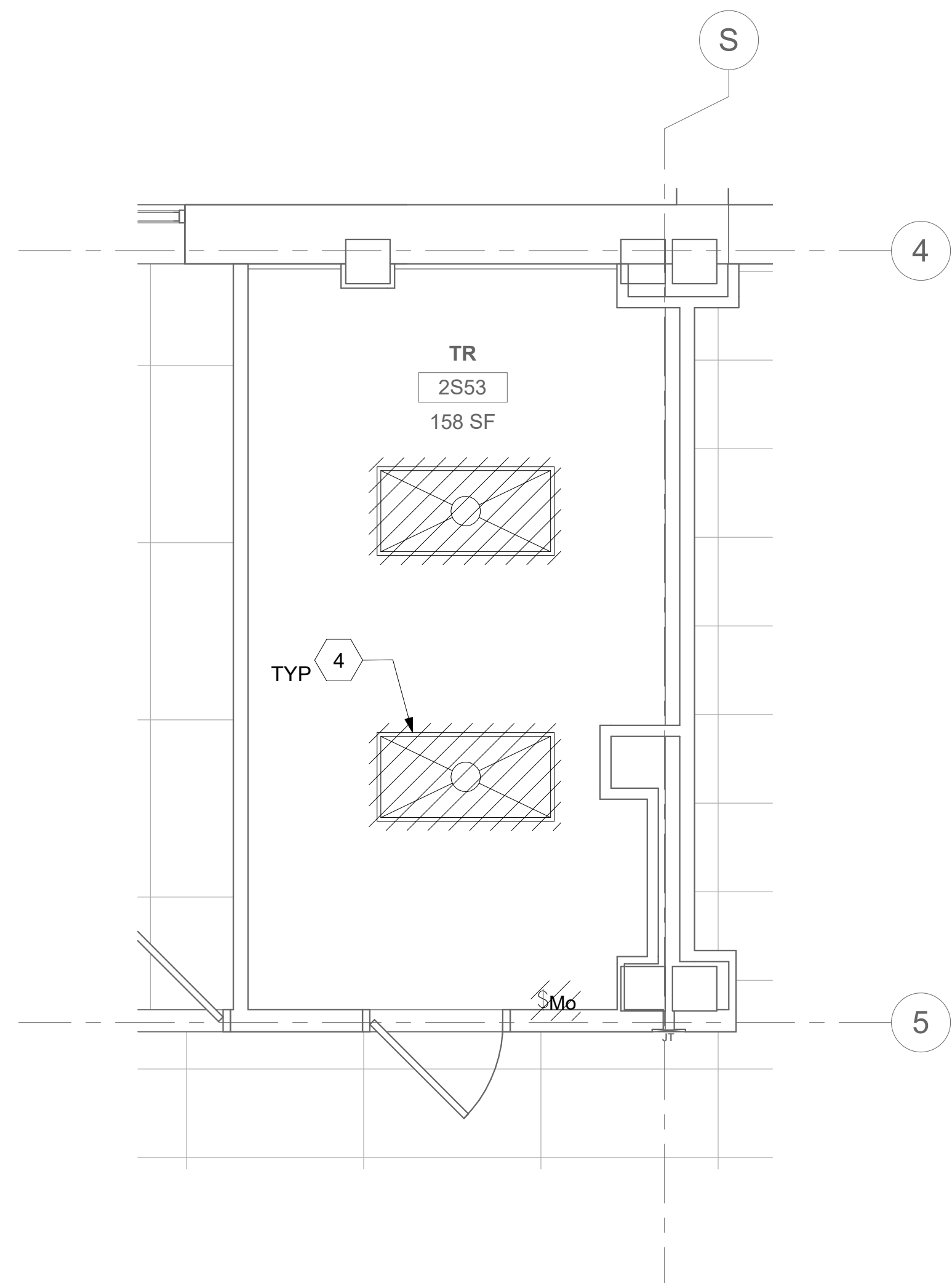
Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
LRL/WM
Drawn
LLT/JPS

Project Number
657-21-701JB
Building Number
52
Drawing Number
52EP402a
225 OF 435





1 RM 2S53 - DEMOLITION ELECTRICAL PLAN

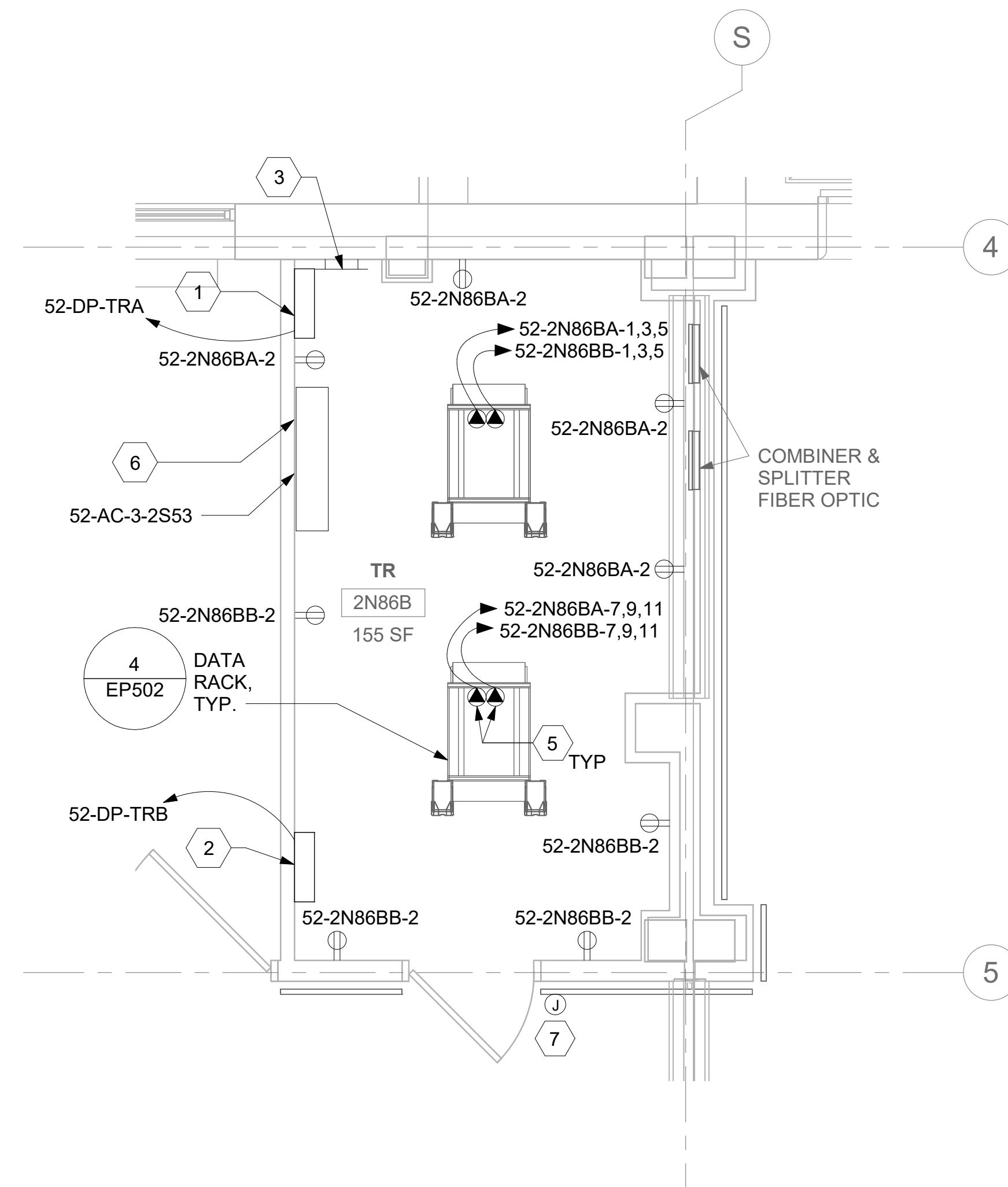


3 RM 2S53 - DEMOLITION LIGHTING PLAN

52EP102 3/8" = 1'-0"

0' 2' 4' 8'

PROJECT NORTH

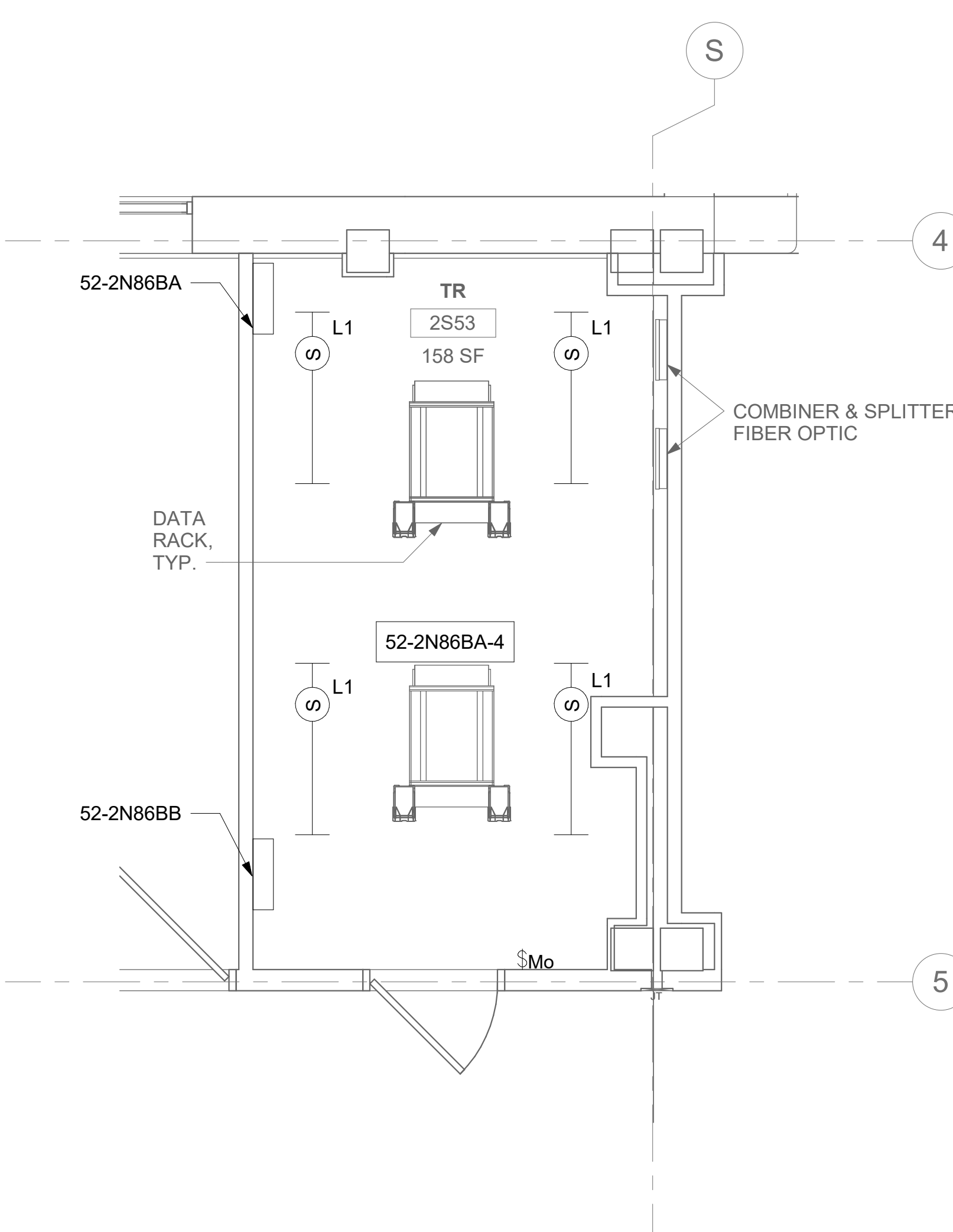


2 RM 2N86B - ELECTRICAL PLAN

52EP102 3/8" = 1'-0"

0' 2' 4' 8'

PROJECT NORTH



4 RM 2N86B - LIGHTING PLAN

52EP102 3/8" = 1'-0"

0' 2' 4' 8'

PROJECT NORTH

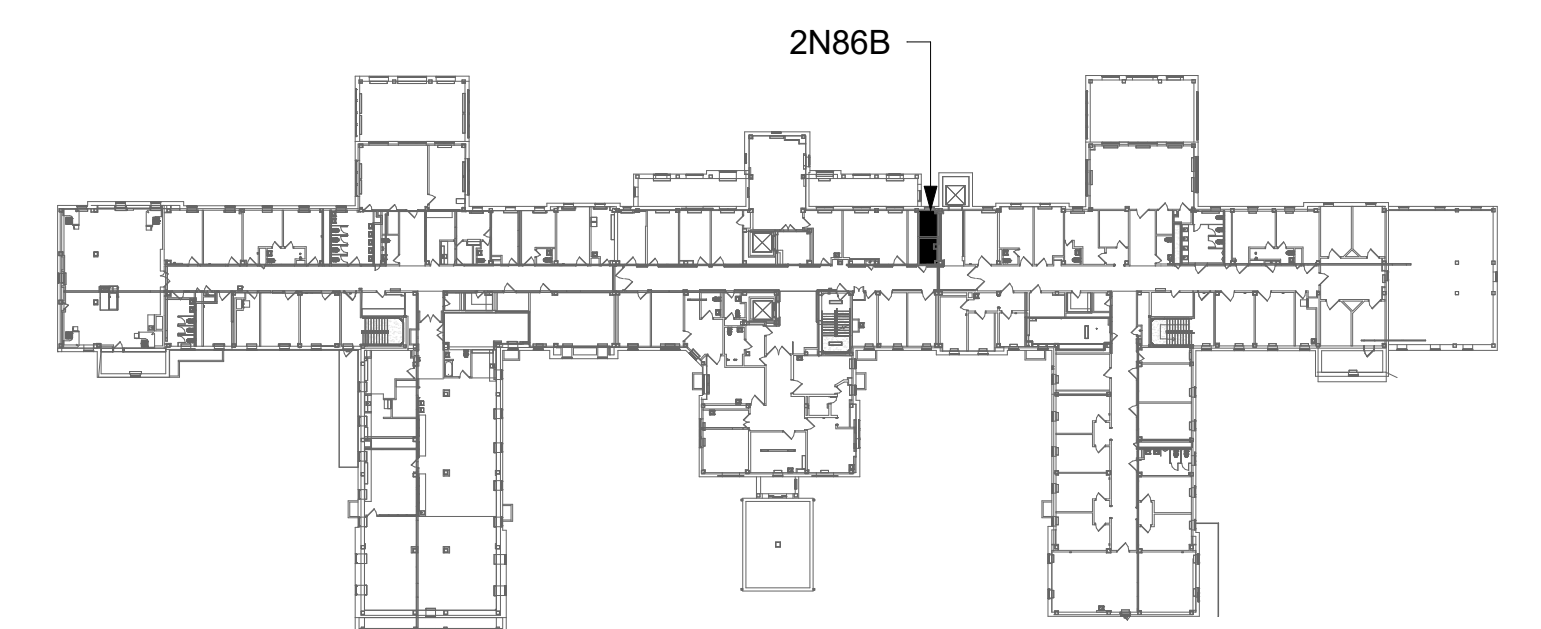
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## KEY NOTES

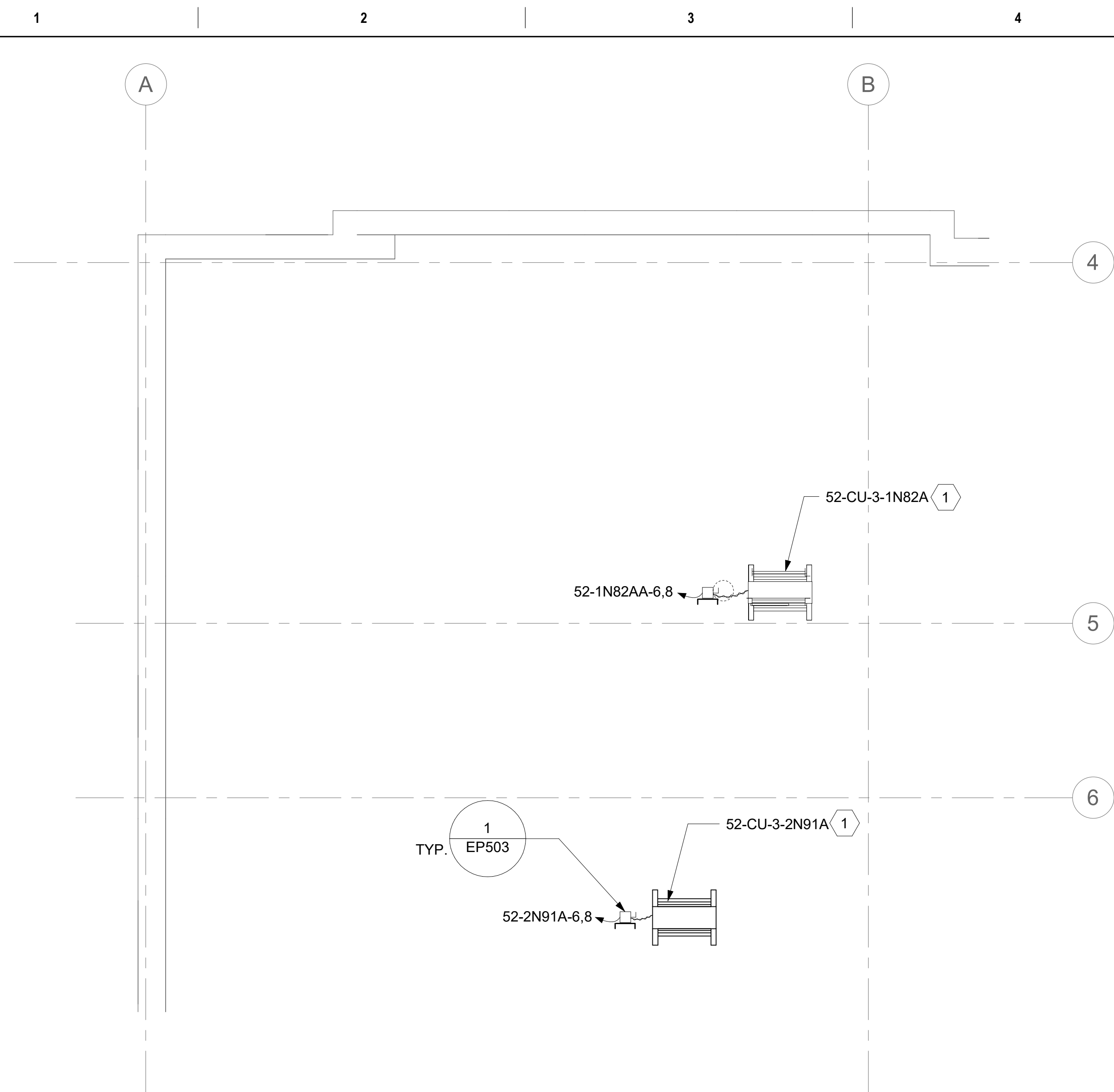
- 1 SOURCE A POWER PANELBOARD "52-2N86BA".
- 2 SOURCE B POWER PANELBOARD "52-2N86BB".
- 3 SECONDARY BONDING BUS BAR.
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- 5 OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
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## KEY PLAN



AREA OF WORK

[illegible]




**BLDG 52 - ENLARGED ROOF PLAN - VIEW 1**  
 1/4" = 1'-0" 

3 BLDG 52 - ENLARGED ROOF PLAN - VIEW 3  
1/4" = 1'-0" 0' 2' 4' 8' PROJECT NORTH

2 BLDG 52 - ENLARGED ROOF PLAN - VIEW 2  
1/4" = 1'-0" 0' 2' 4' 8' PROJECT NORTH

4 BLDG 52 - ENLARGED ROOF PLAN - VIEW 4  
1/4" = 1'-0" PROJECT NORTH

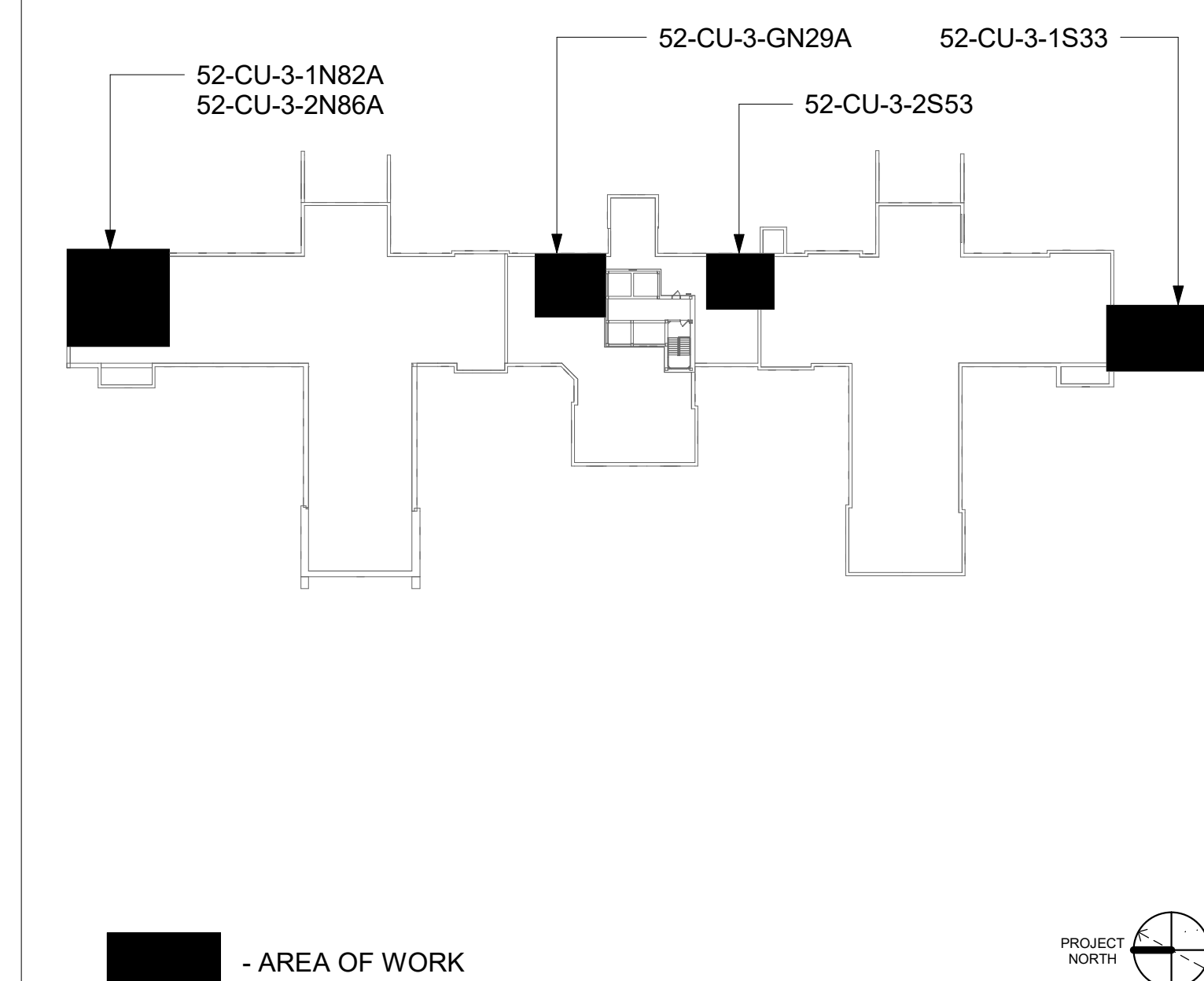
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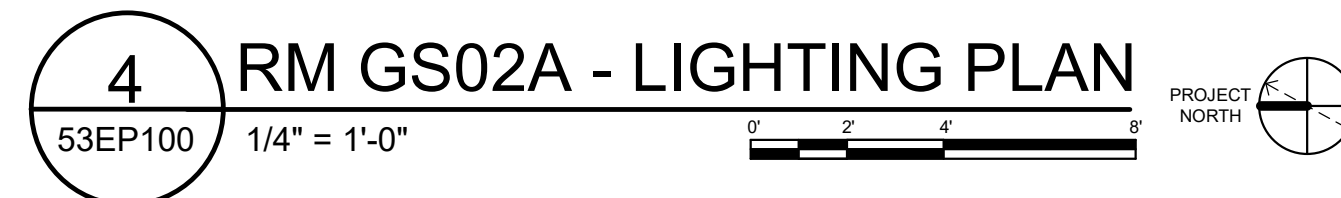
## KEY NOTES

- 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

[illegible]

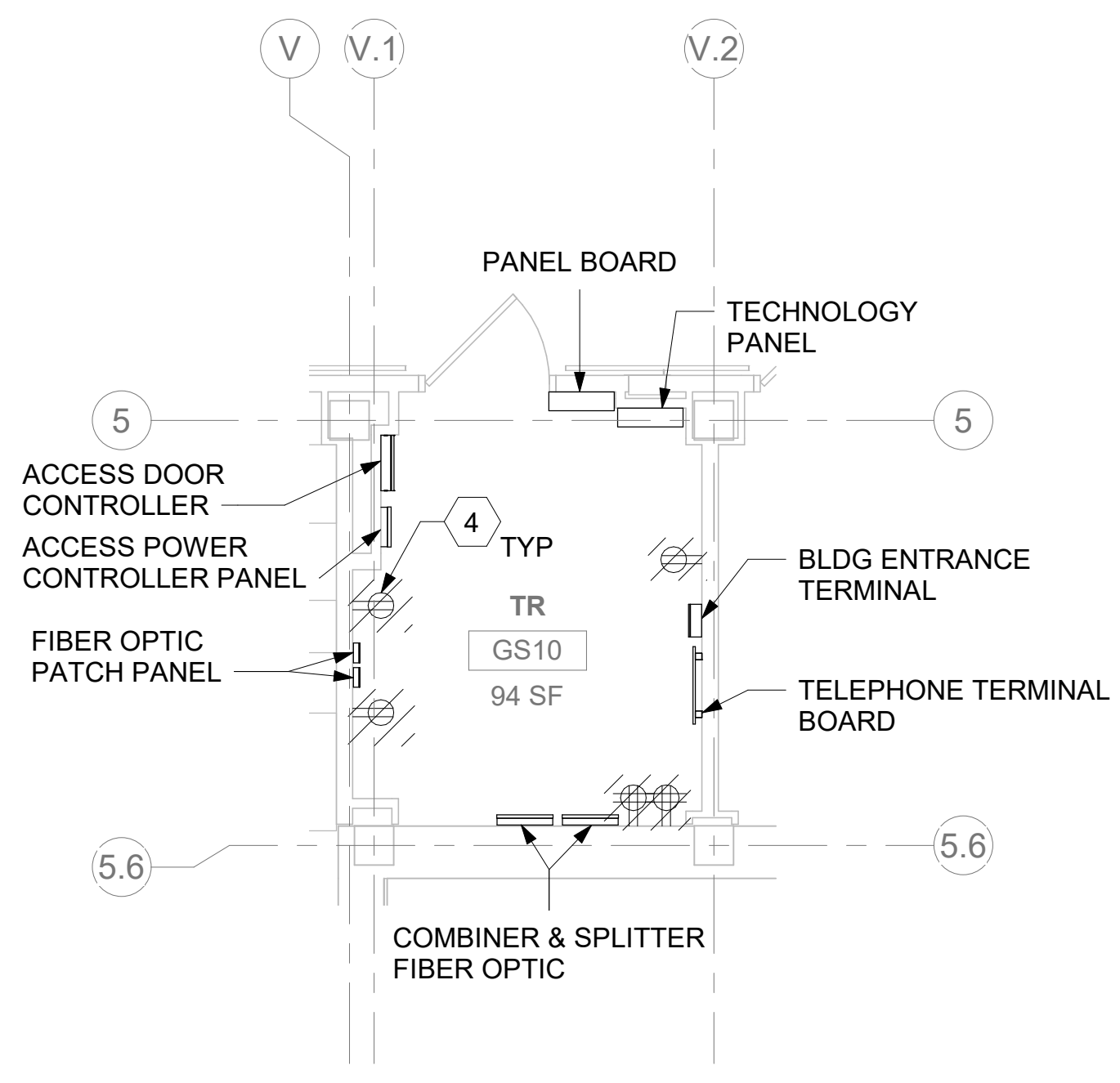




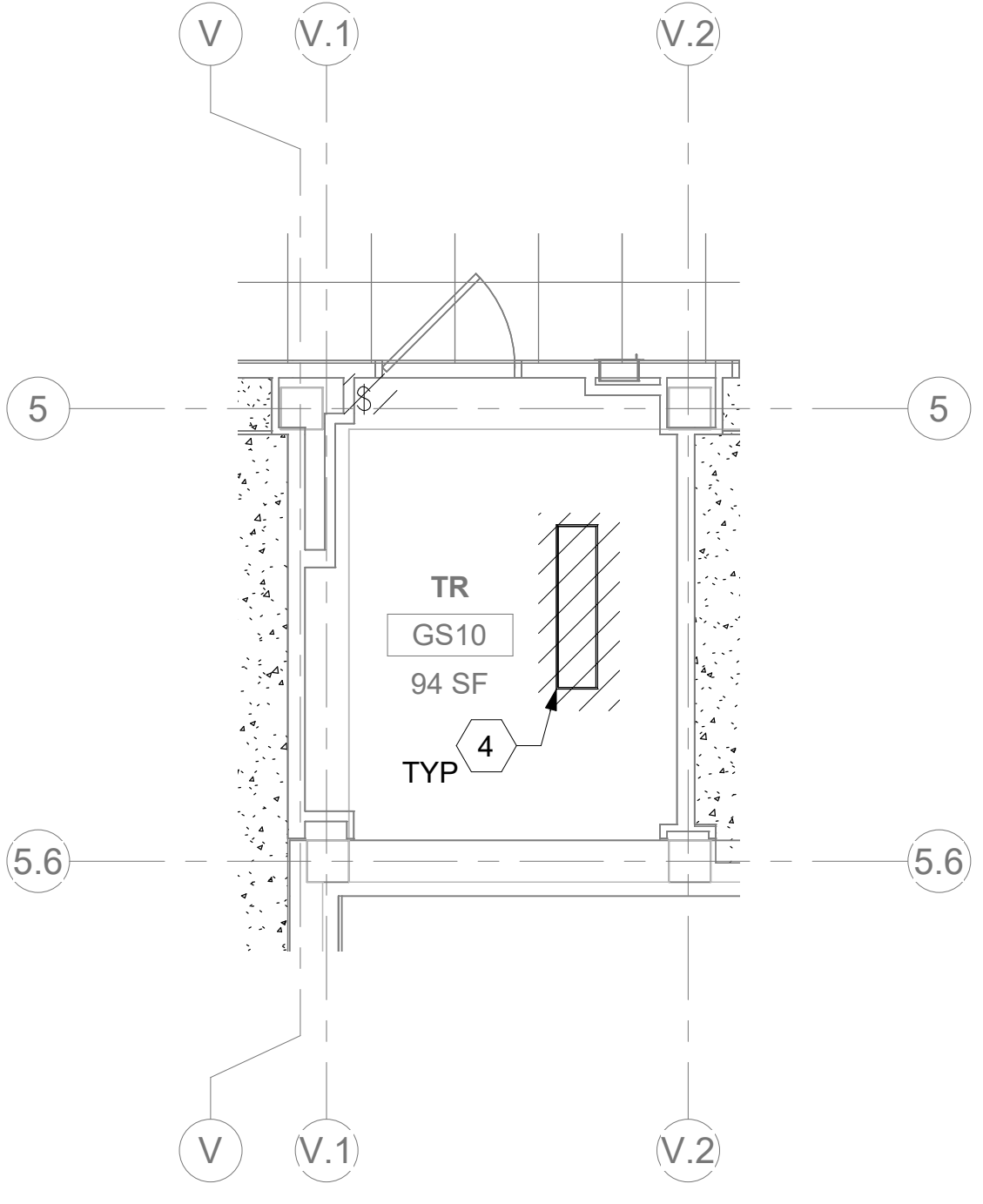
- ## KEY NOTES
- |   |  |
|---|--|
| 1 | SOURCE A POWER PANELBOARD "53-GS02AA".   |
| 2 | SOURCE B POWER PANELBOARD "53-GS02AB".   |
| 3 | SECONDARY BONDING BUS BAR.   |
| 4 | EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.   |
| 5 | OVERHEAD TR RACK 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. WHERE POSSIBLE, ALWAYS 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. |
| 8 | PROVIDE SWITCHING, RELOCATED LUMINAIRES, CONDUIT AND WIRE TO PROVIDE A FULLY FUNCTIONAL LIGHTING SYSTEM FOR ROOM GS02; UTILIZE EXISTING LIGHTING CIRCUIT.  |

AREA OF WORK

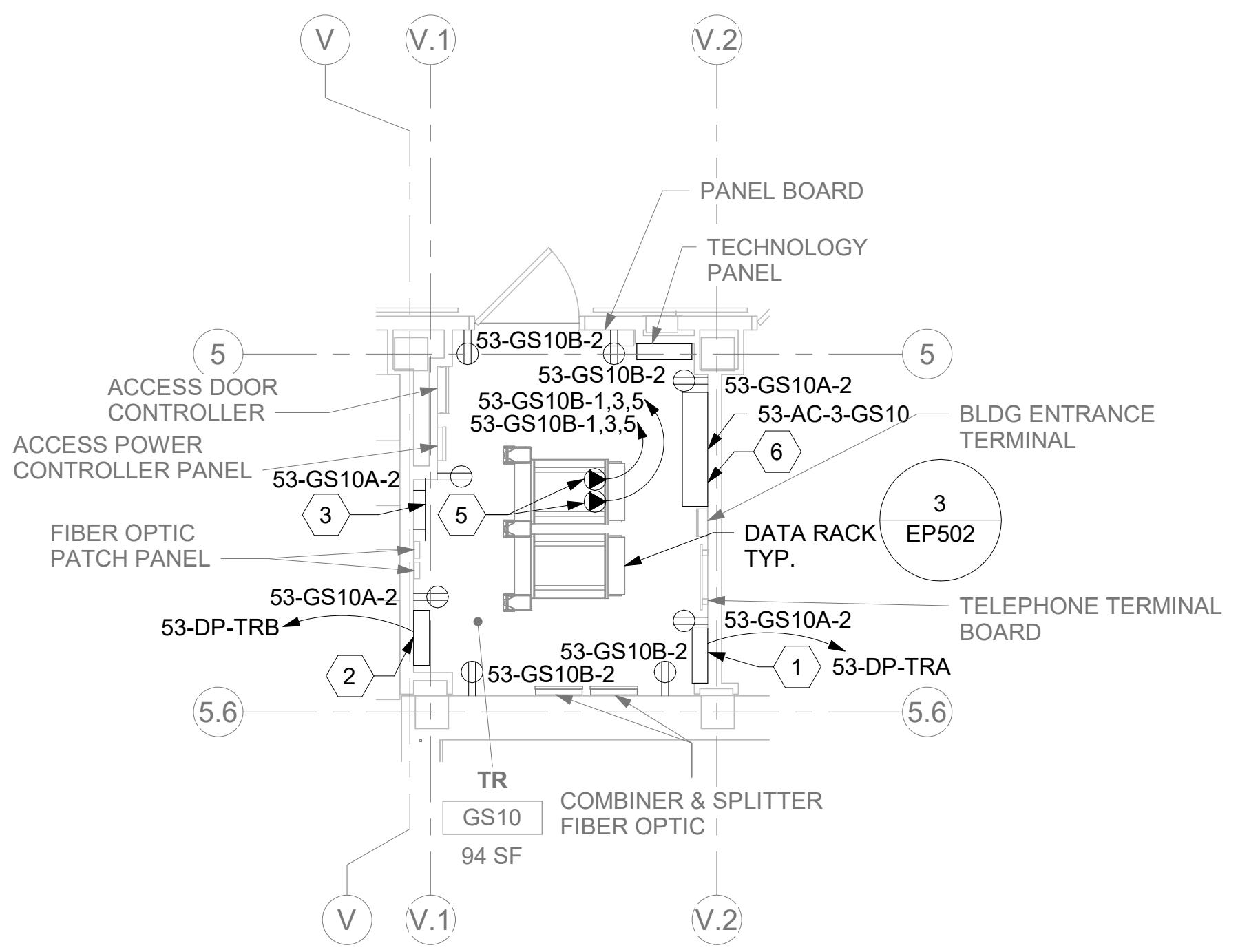




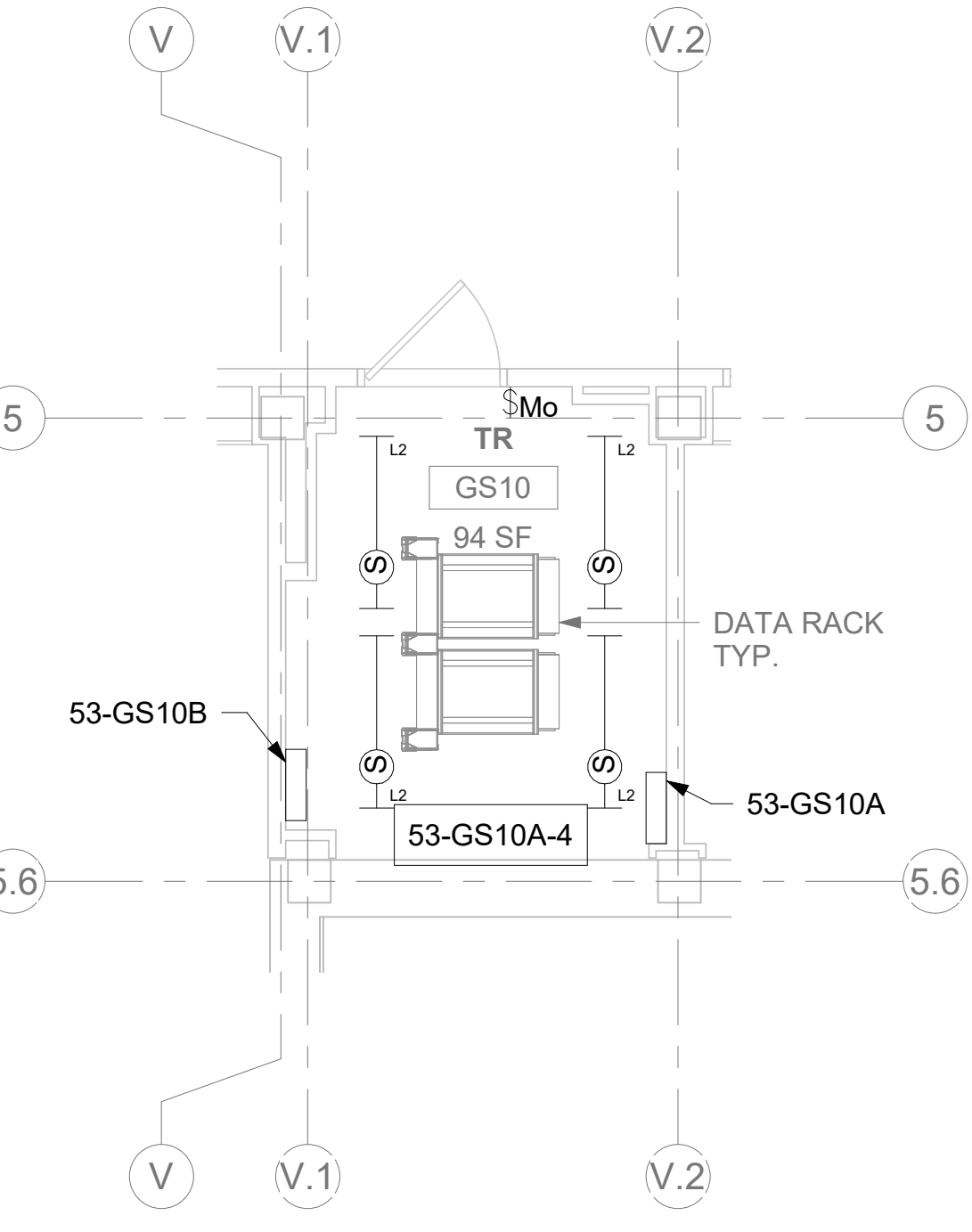
1 RM GS10 - DEMOLITION FLOOR PLAN  
53EP100 1/4" = 1'-0"



3 RM GS10- DEMOLITION LIGHTING PLAN  
53EP100 1/4" = 1'-0"



2 RM GS10- ELECTRICAL PLAN  
53EP100 1/4" = 1'-0"



4 RM GS10- LIGHTING PLAN  
53EP100 1/4" = 1'-0"

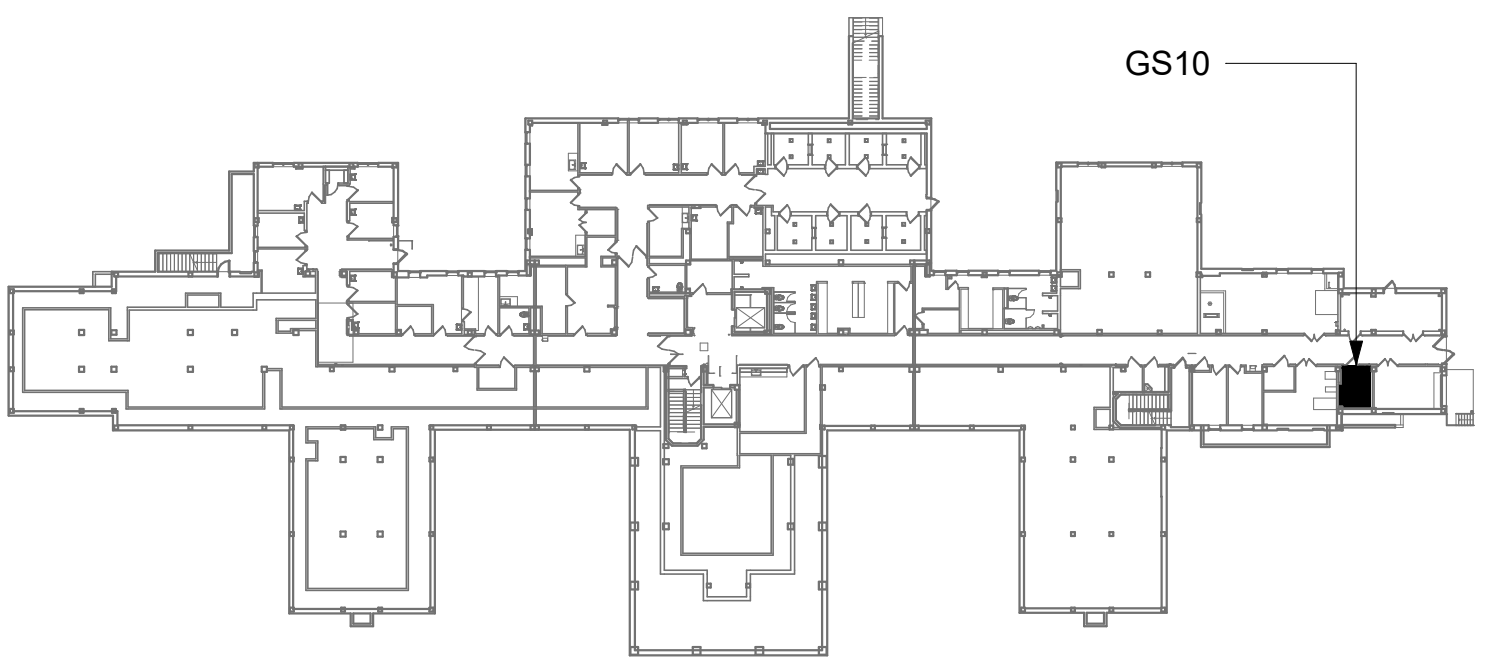
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KEY NOTES

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- SOURCE B POWER PANELBOARD "53-GS10B".
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KEY PLAN



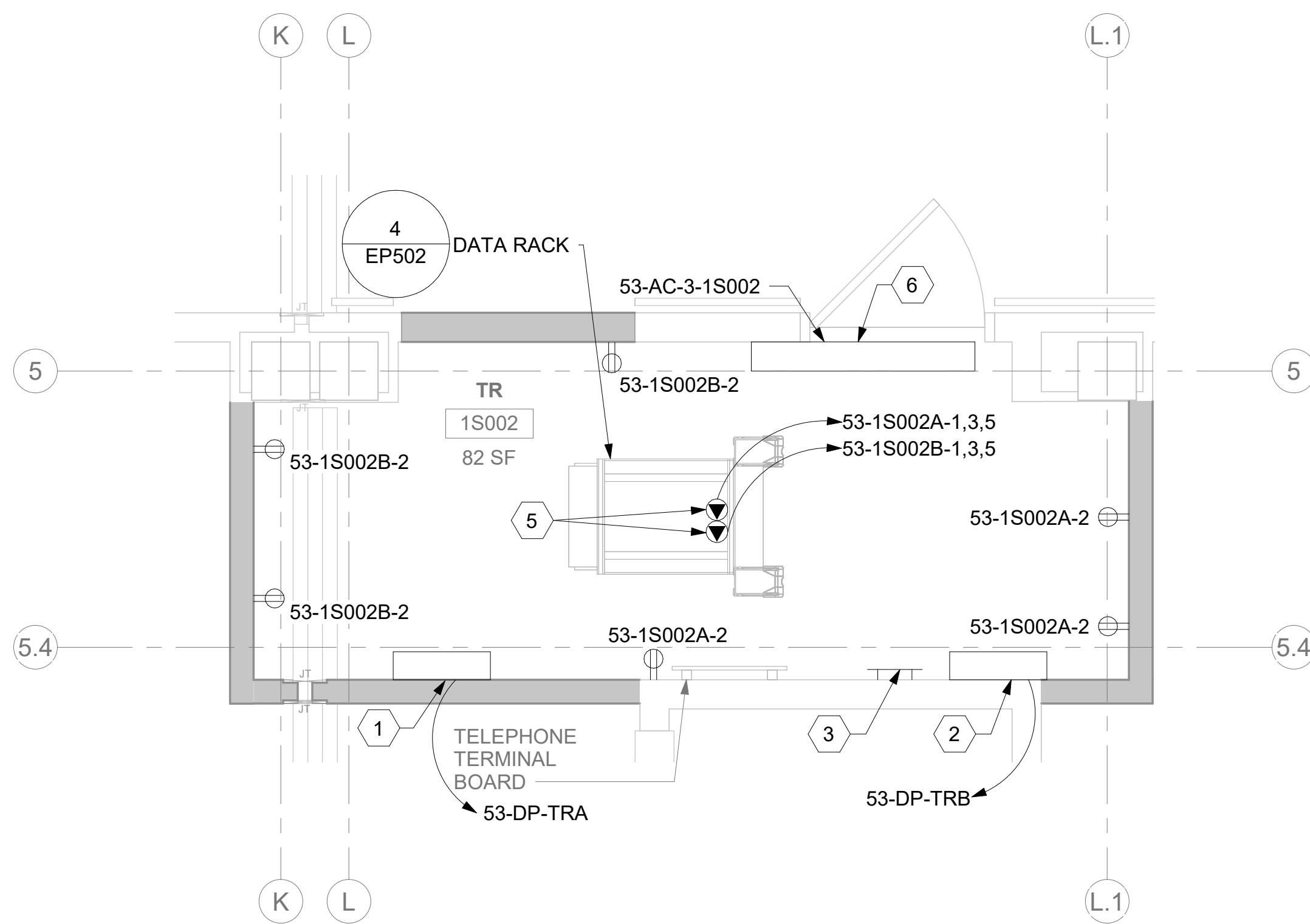
AREA OF WORK

		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Drawing Title	Phase	Project Title	Project Number
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					Approved:	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 53
							Issue Date 03/31/2022	Checked LRL/WM
							Drawn LLT/JPS	Drawing Number 53EP400b
								229 OF 435



## KEY PLAN

- 1 SOURCE A POWER PANELBOARD "53-1S002A".
- 2 SOURCE B POWER PANELBOARD "53-1S002B".
- 3 SECONDARY BONDING BUS BAR.
- 4 EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
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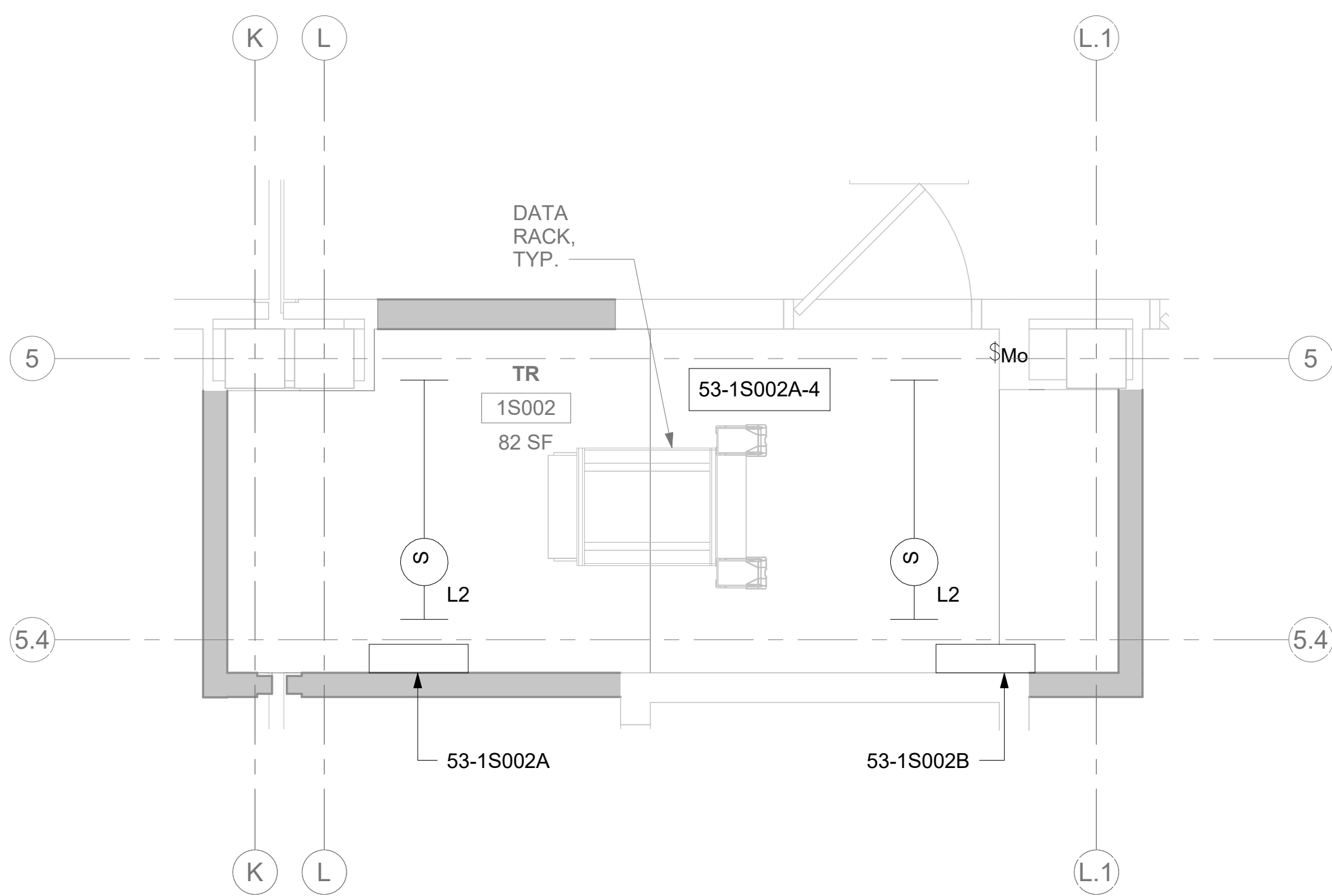


2 RM 1S002 - ELECTRICAL PLAN

53EP101 1/2" = 1'-0"

0' 1' 2' 4'

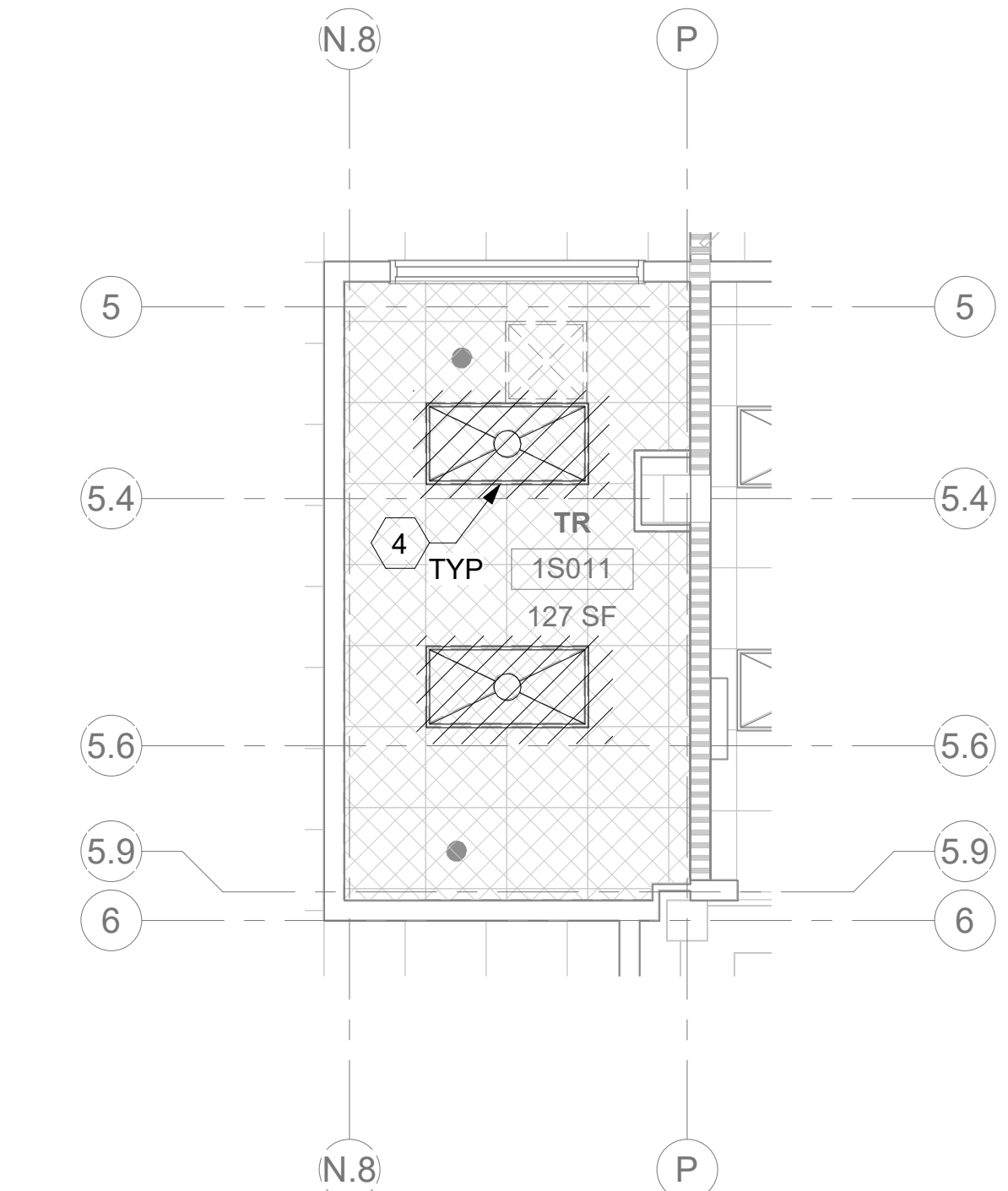
PROJECT NORTH



4 RM 1S002 - LIGHTING PLAN

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



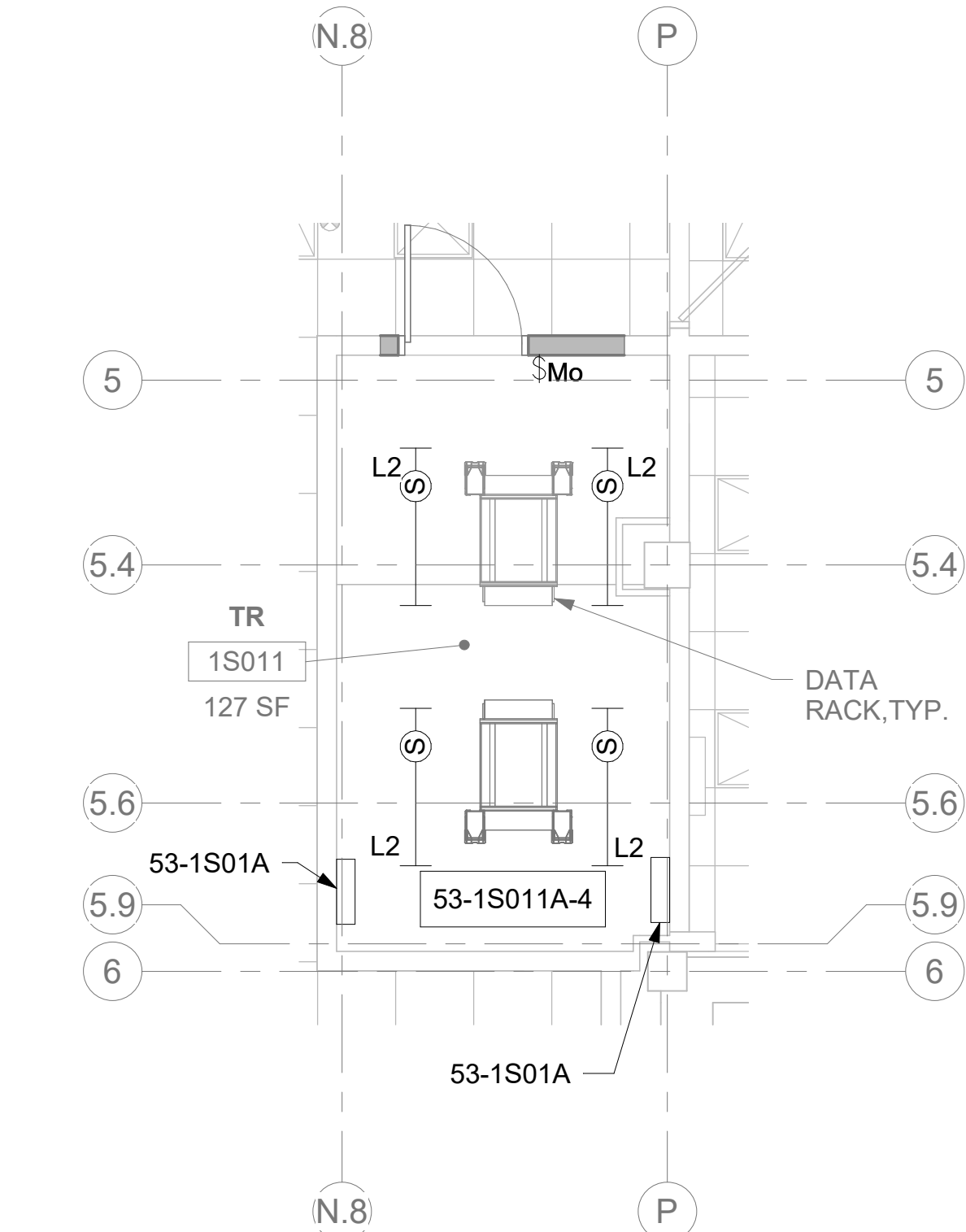


3 RM 1S011 - DEMOLITION LIGHTING PLAN

53EP101 1/4" = 1'-0"

0' 2' 4' 6'

PROJECT NORTH



4 RM 1S011 - LIGHTING PLAN  
53EP101 1/4" = 1'-0"

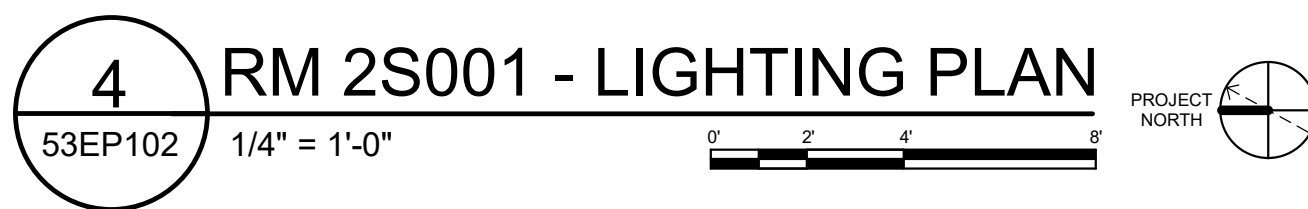
## KEY PLAN

- 1 SOURCE A POWER PANELBOARD "53-1S01A".
- 2 SOURCE B POWER PANELBOARD "53-1S01B".
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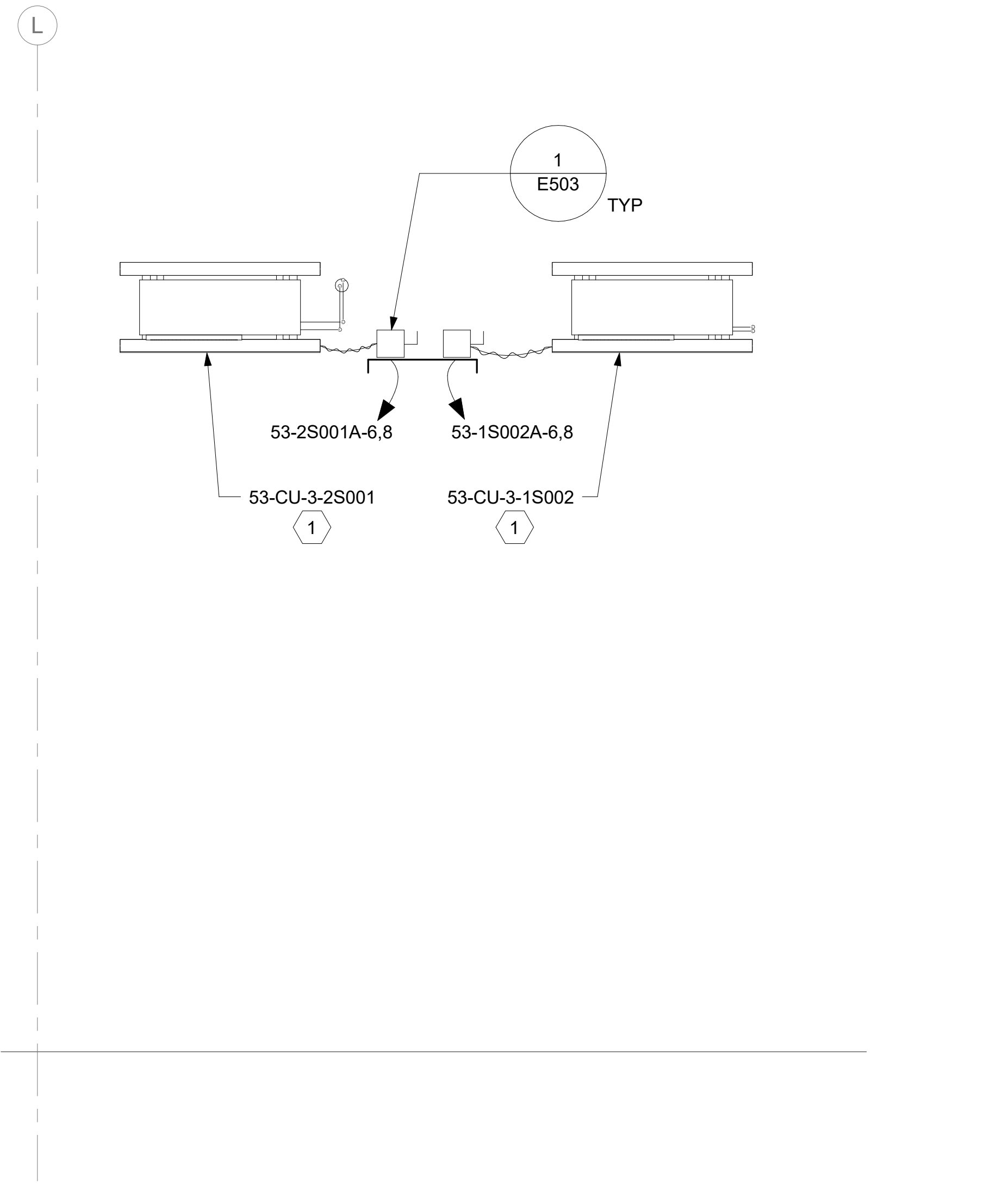


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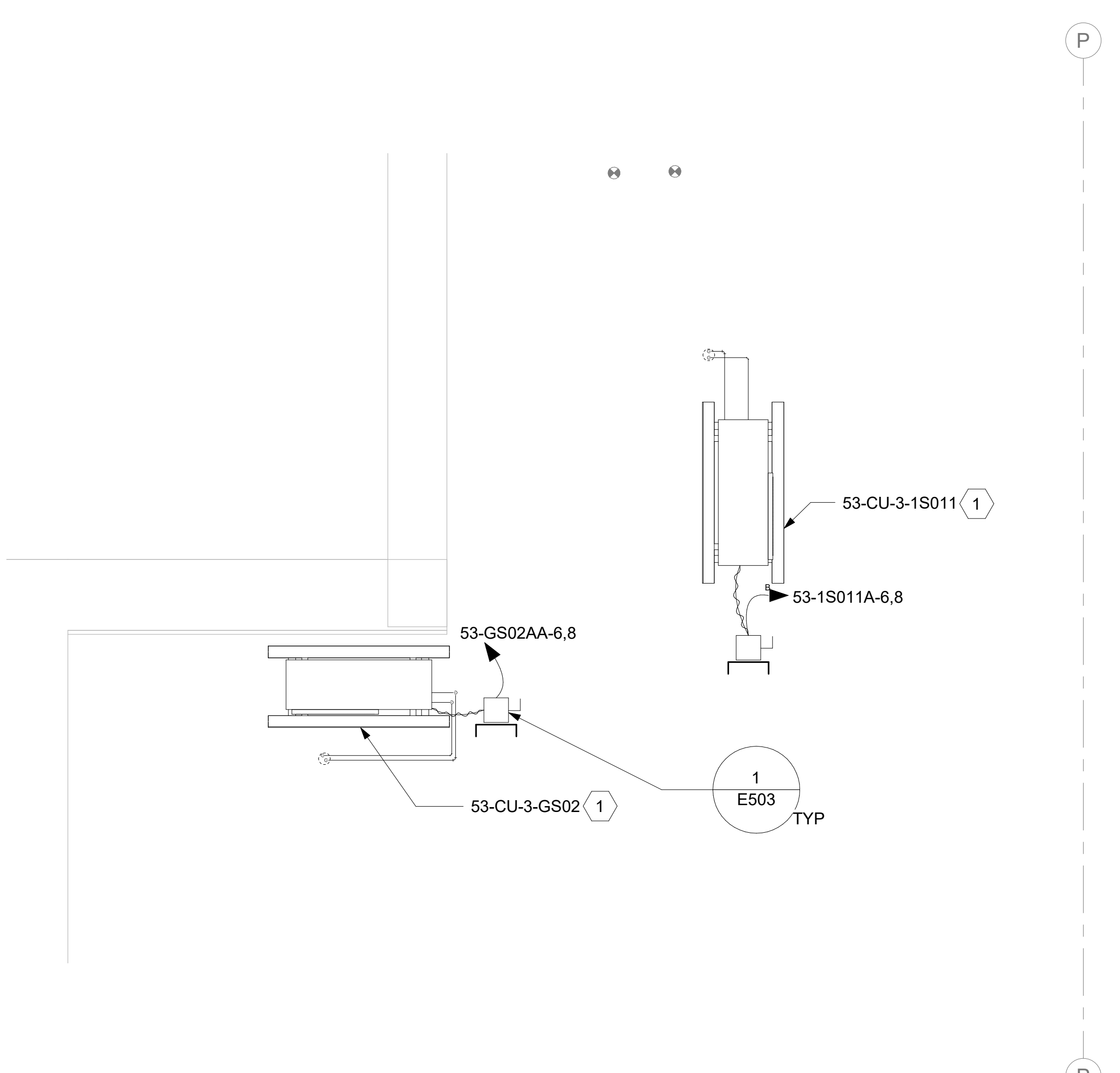
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VA FORM 08 - 6231									
1	2	3	4	5	6	7	8	9	10

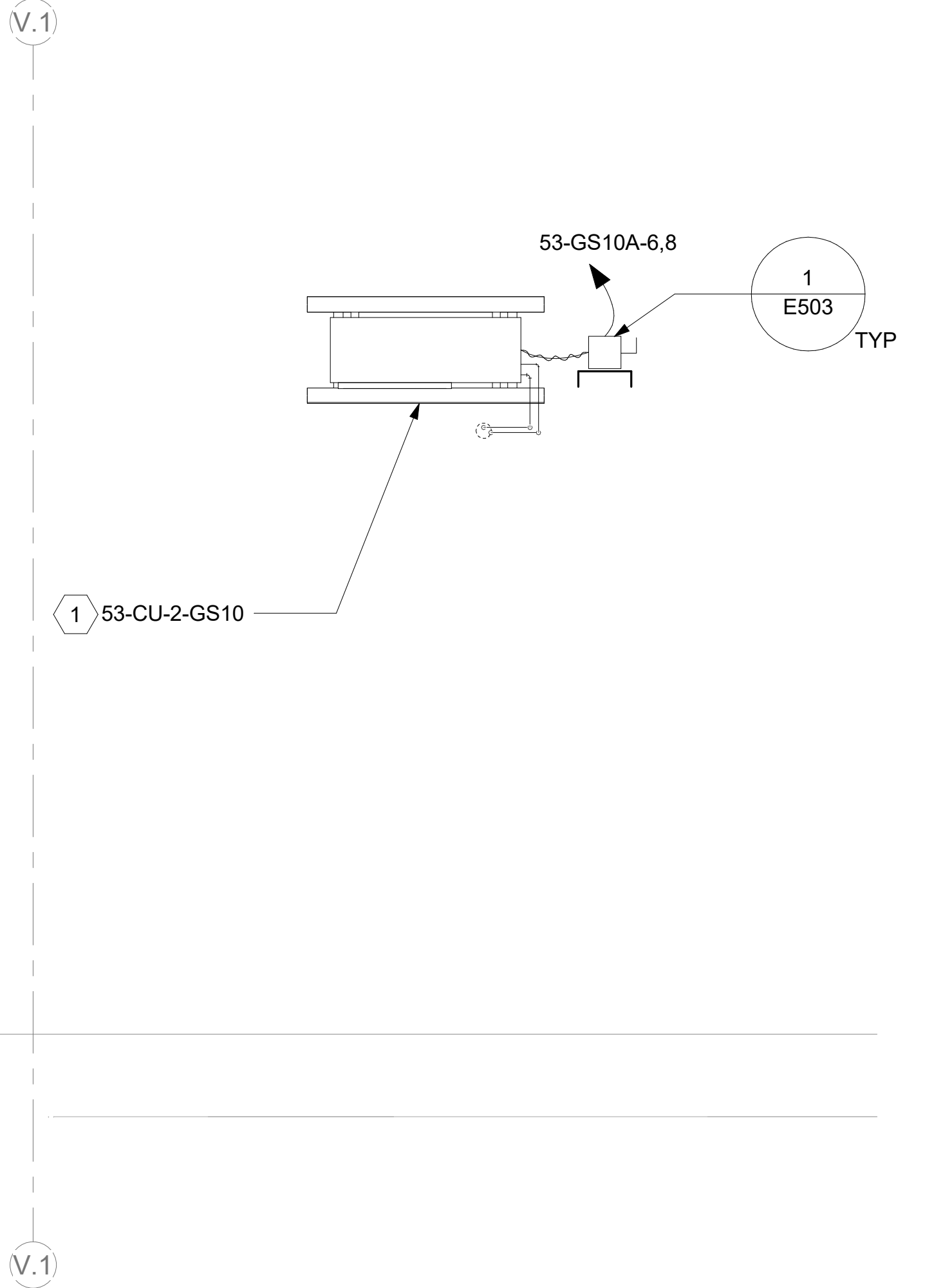




1 BLDG 53 - ENLARGED ROOF PLAN - VIEW 2  
1/2" = 1'-0"



2 BLDG 53 - ENLARGED ROOF PLAN - VIEW 3  
1/2" = 1'-0"



3 BLDG 53 - ENLARGED ROOF PLAN - VIEW 4  
1/2" = 1'-0"

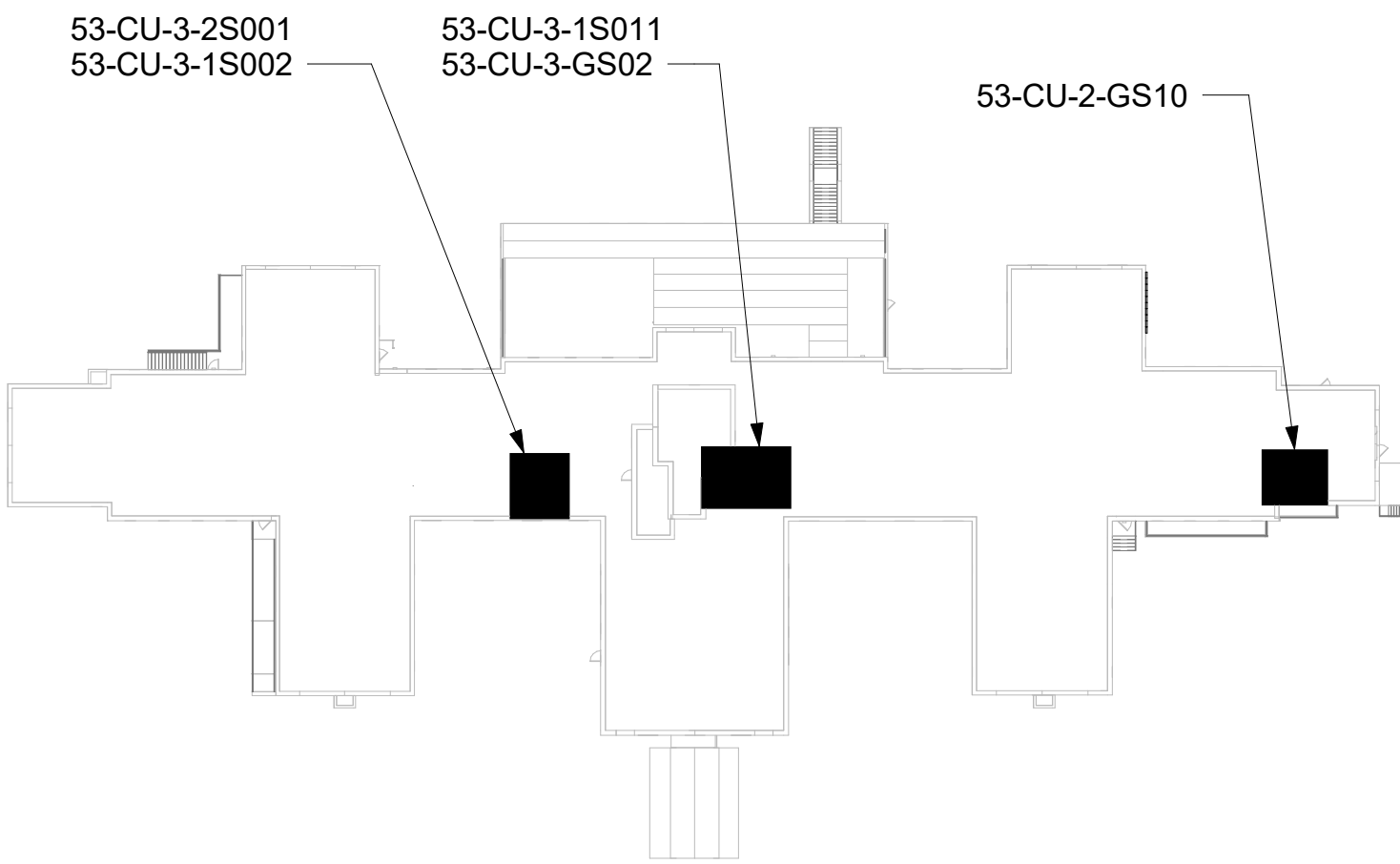
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## KEY NOTES

- 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

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 3-31-23

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

Drawing Title
BLDG 53 - 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
53
Drawing Number
53EP403
233 OF 435



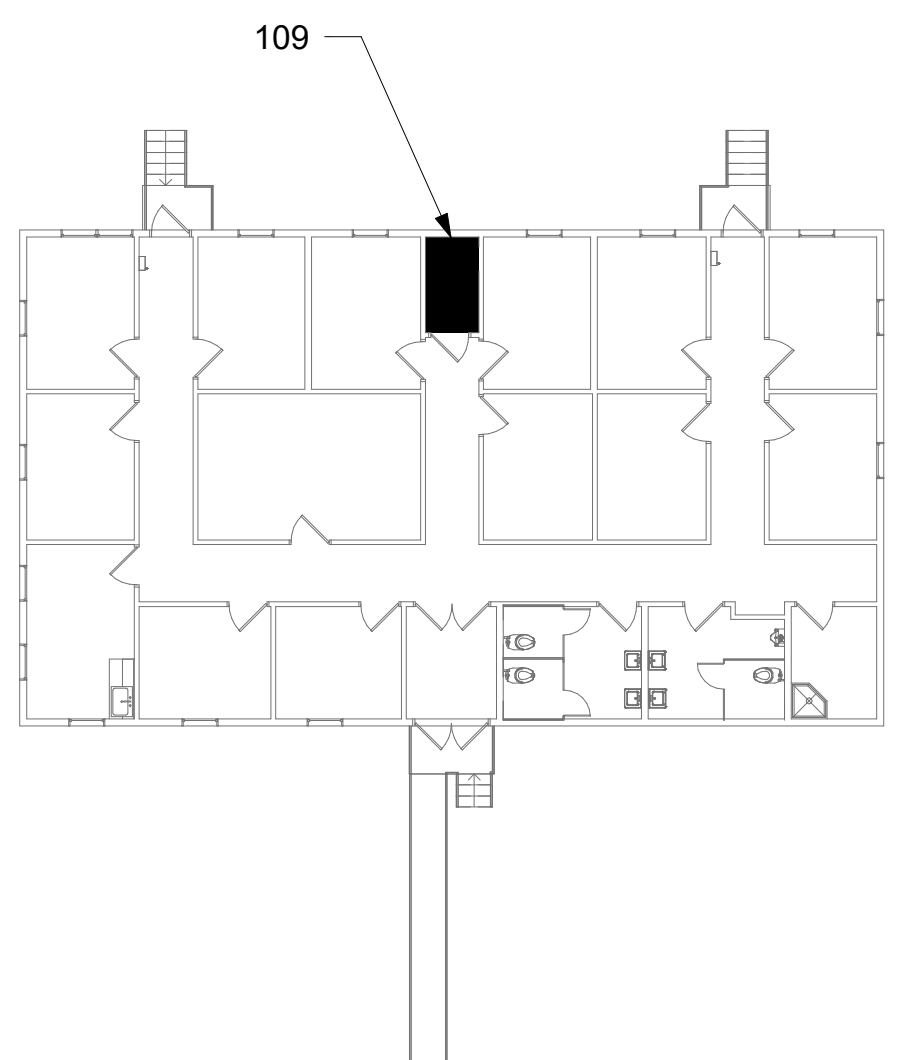
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- 4 CONTRACTOR SHALL REPLACE EXISTING RACK-MOUNTED UPS WITH NEW UPS. UPS SHALL BE 3KW, 120V, 1-PHASE, APC #SMX3000RM1V2U, OR EQUAL.
- 5 UPS RECEPTACLE.

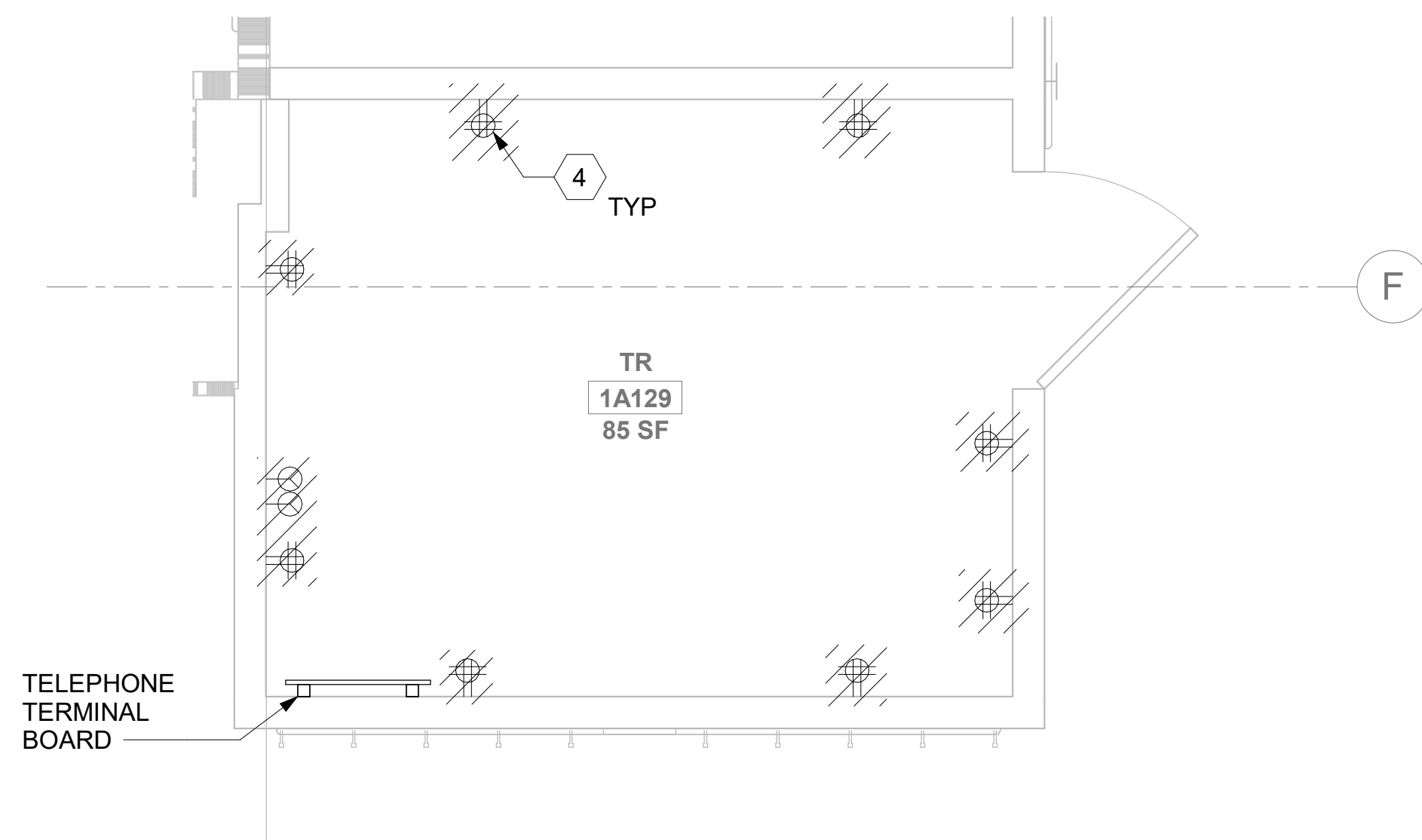
## KEY PLAN



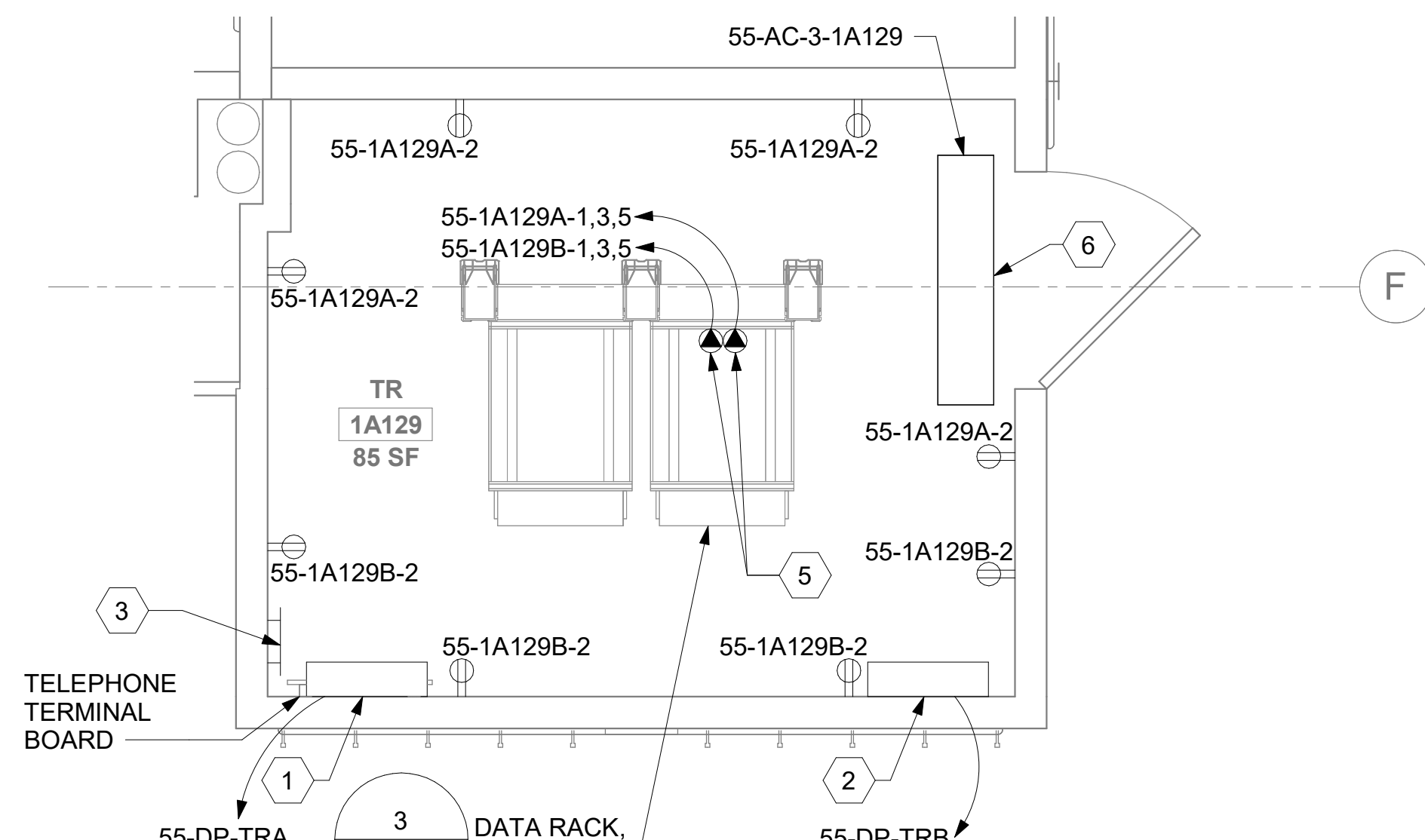
## AREA OF WORK

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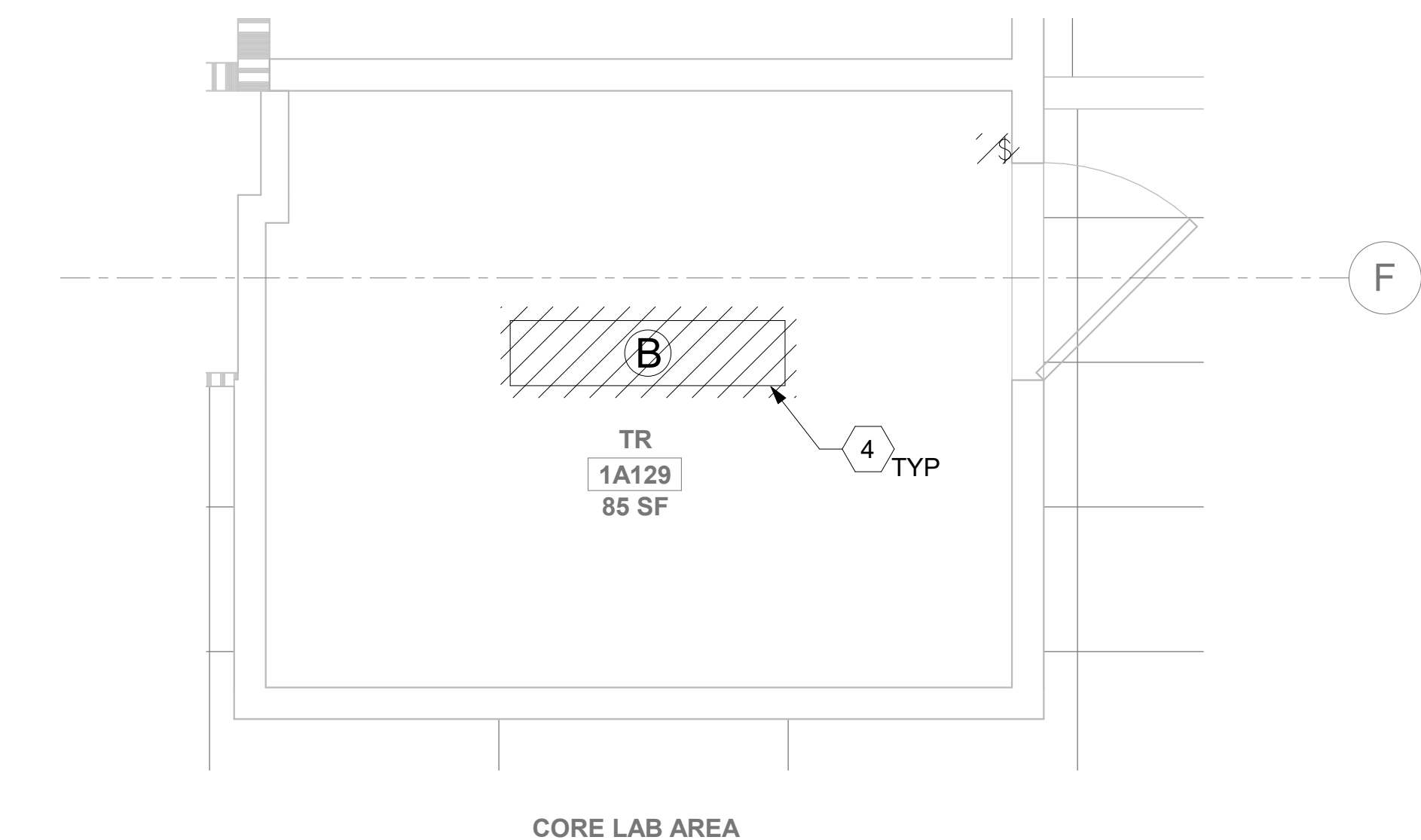




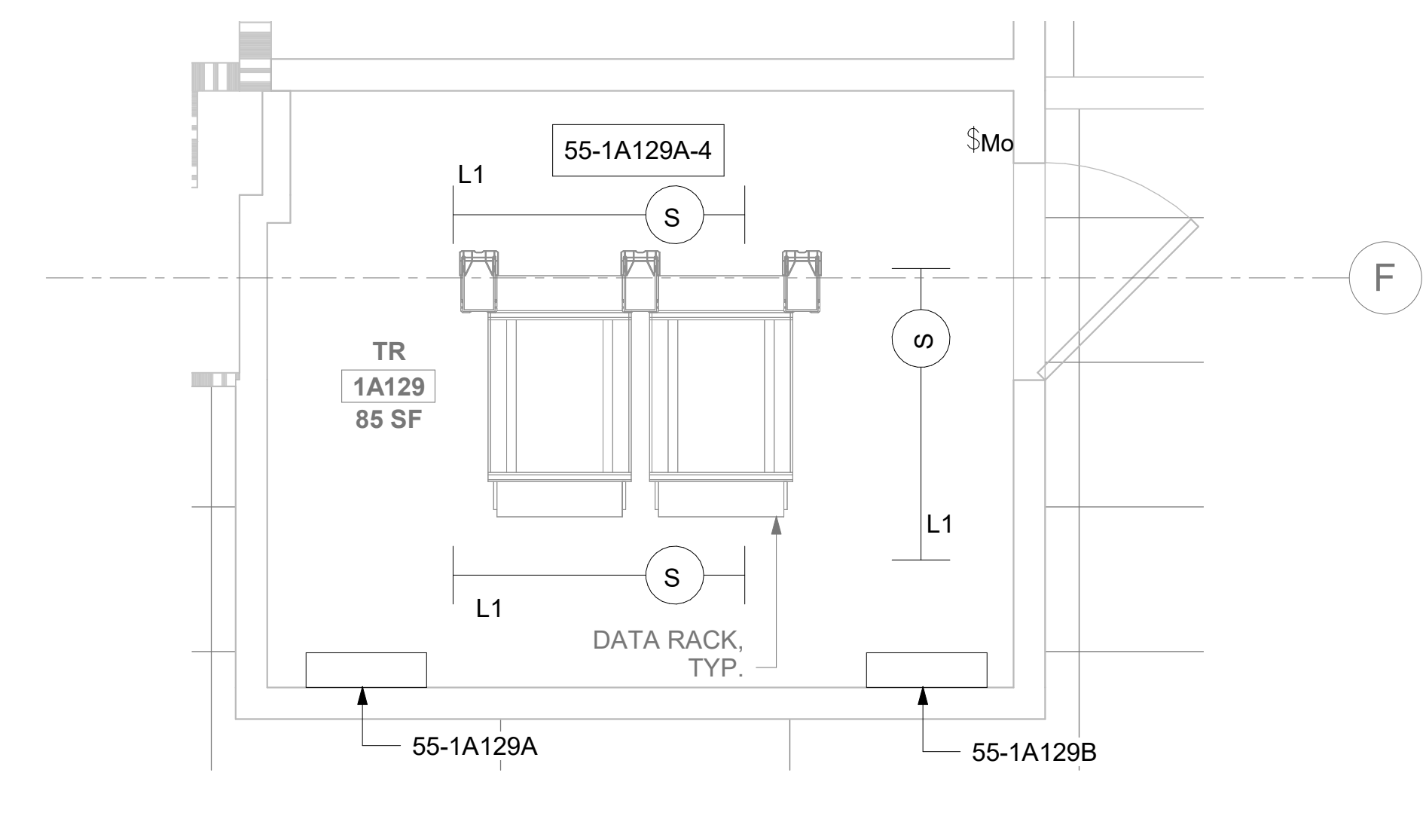
1 RM 1A129 - DEMOLITION ELECTRICAL PLAN  
55EP101a 1/2" = 1'-0"



2 RM 1A129 - ELECTRICAL PLAN  
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3 RM 1A129 - DEMOLITION LIGHTING PLAN  
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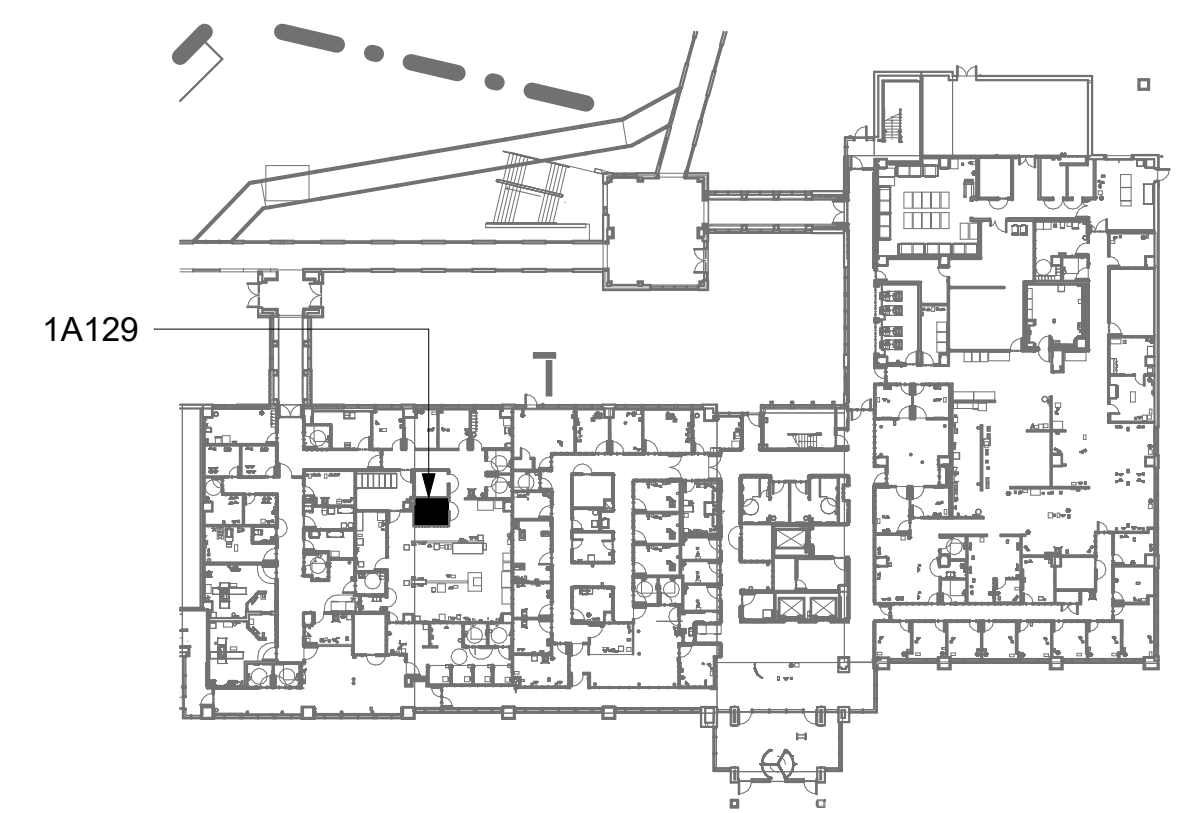
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## KEY PLAN



AREA OF WORK

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