

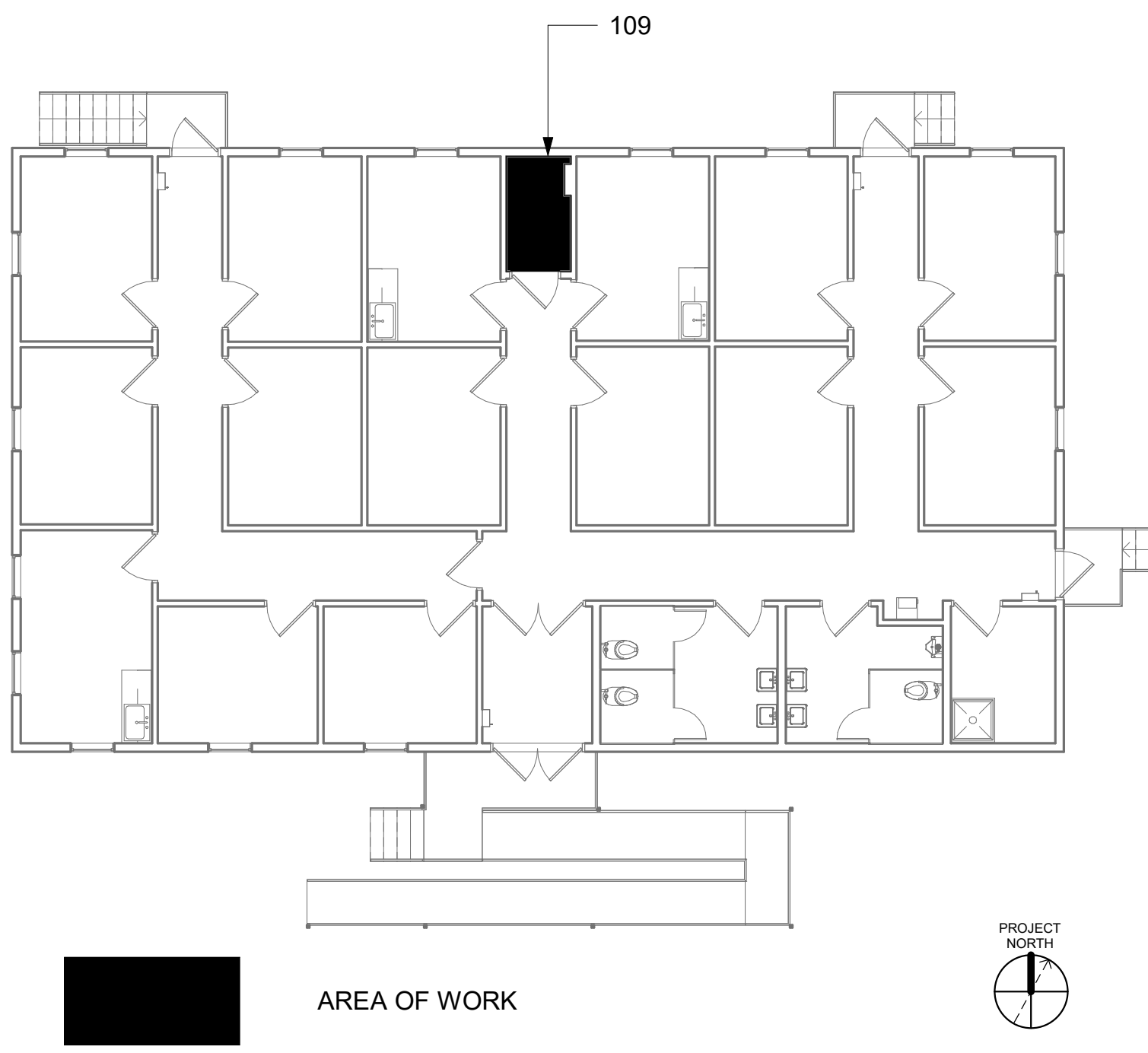
GENERAL NOTES

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- 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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- ALL TELECOMMUNICATION ROOMS SHALL BE PROVIDED WITH FIRE-RATED PLYWOOD BACKBOARDS. REFERENCE EXACT PLACEMENTS WITH ARCHITECTURE DRAWINGS AS REQUIRED.
- FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/ CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

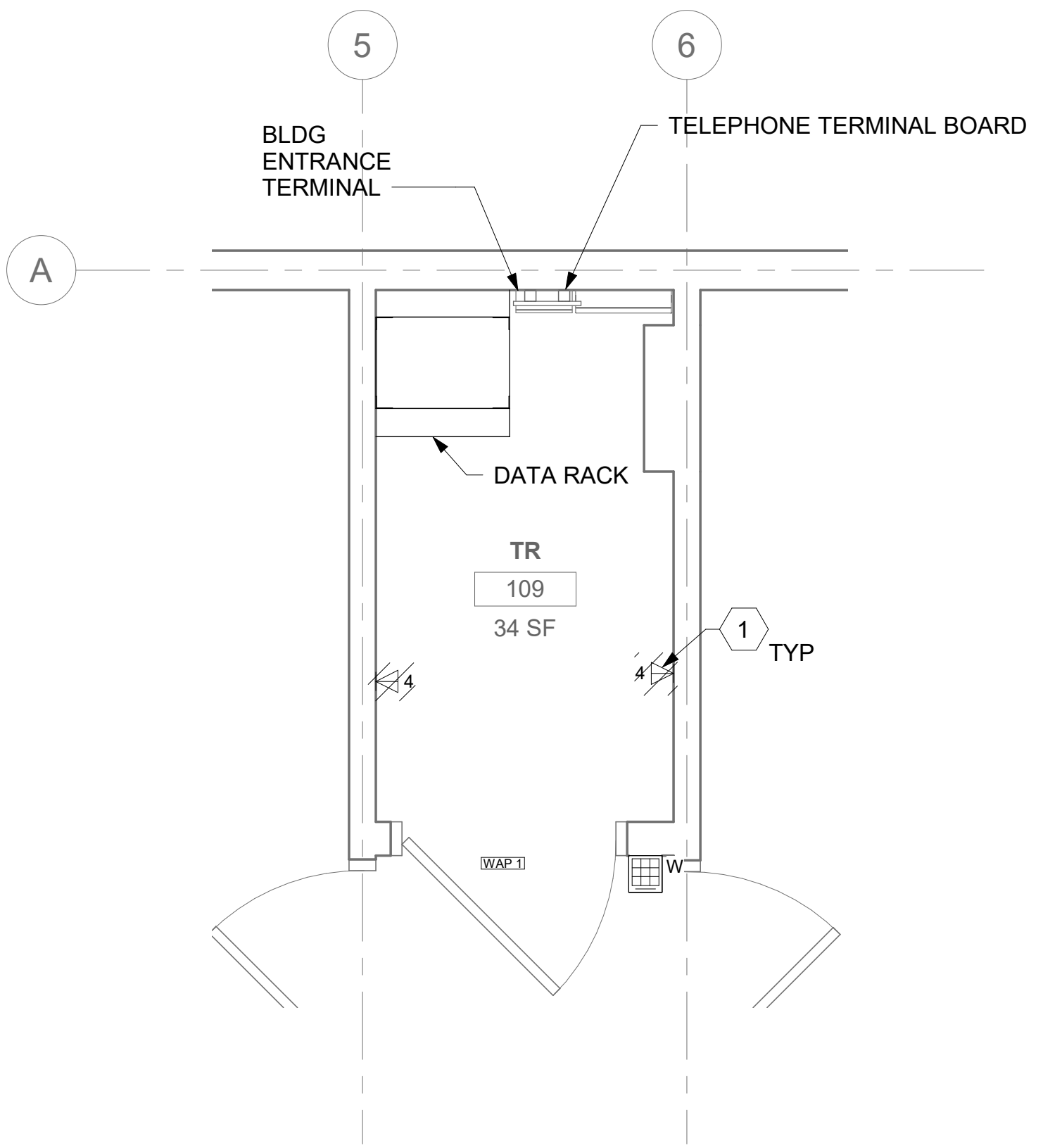
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- REPLACE EXISTING FIBER DISTRIBUTION CABINET WITH NEW FIBER DISTRIBUTION CABINET AND CASSETTES AS REQUIRED. LEVITON ANGLED OPT-X UHDX WITH HDX ENTERPRISES MTP CASSETTES, OR EQUAL.

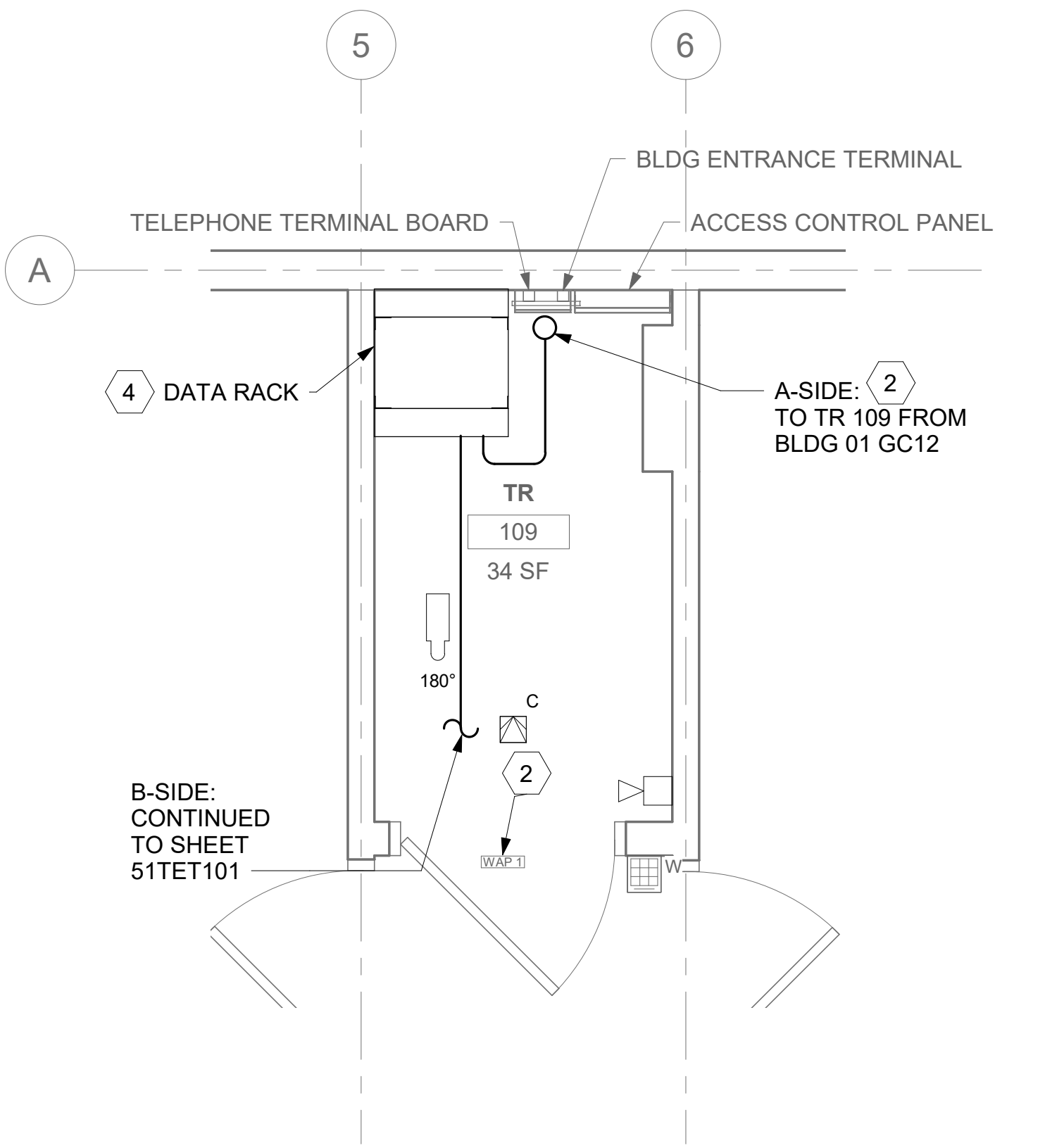
KEY PLAN



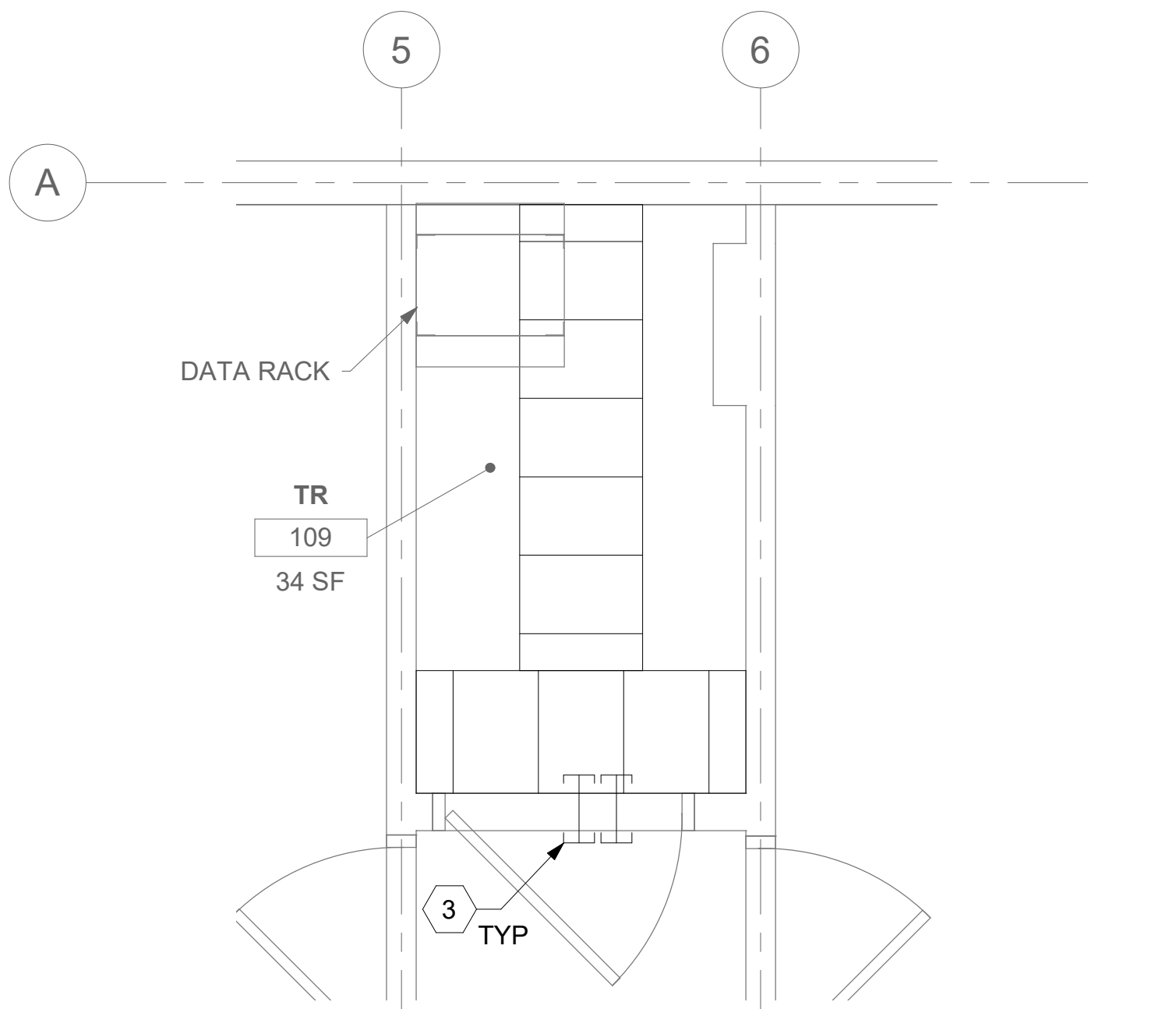
ALL BACKBONE CABLING ROUTES ARE  
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REFERENCE COMMUNICATIONS DRAWINGS FOR ALL  
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1 RM 109 - DEMOLITION FLOOR PLAN  
51TET101 1/2" = 1'-0"


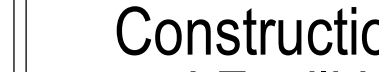



2 RM 109 - TELECOMMUNICATIONS PLAN  
51TET101 1/2" = 1'-0"

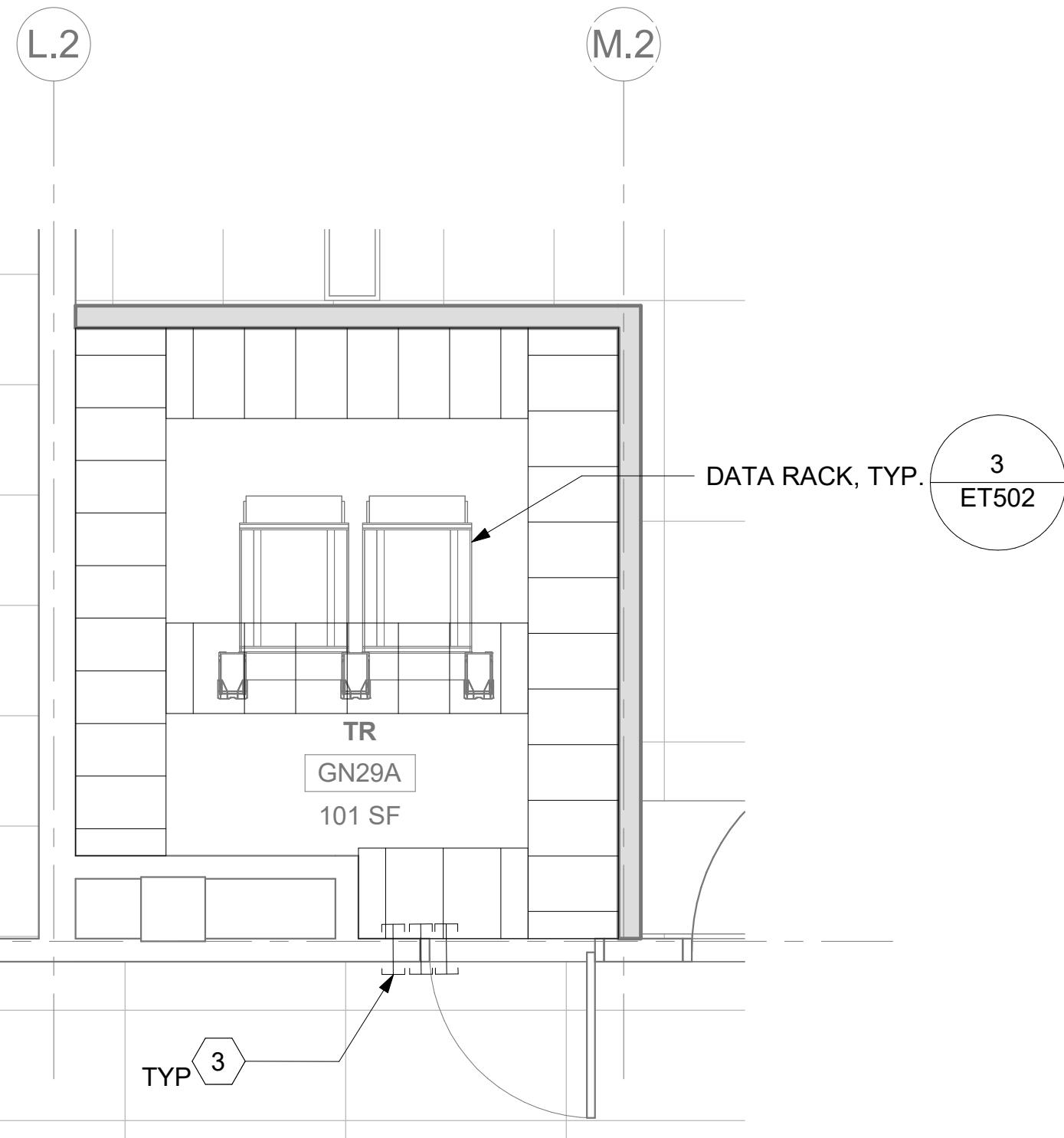


3 RM 109 - OVERHEAD PLAN LEVEL 1  
51TET101 1/2" = 1'-0"

4 NOT USED

		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title BLDG 51T - FLOOR 1 - ENLARGED TELECOMMUNICATIONS PLANS		Phase CONSTRUCTION DOCUMENTS		Project Title EHRM INFRASTRUCTURE UPGRADES		Project Number 657-21-701JB					
						<div><div>A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES</div><div>SPEESDESIGNBUILD</div></div>		<div><div>LOUIS R. LUTAO STATE OF WASHINGTON  REGISTERED PROFESSIONAL ENGINEER 5-31-23</div><div>U.S. Department of Veterans Affairs</div></div>								Building Number 51T					
										Approved:		FULLY SPRINKLERED		Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO		Drawing Number					
														Issue Date 03/31/2022		Checked LRL/WM		Drawn JGE/JBB		51TET401	
Revisions:		Date:																		398 OF 435	





3 RM GN29A - OVERHEAD PLAN LEVEL 1  
52ET100 3/8" = 1'-0" 

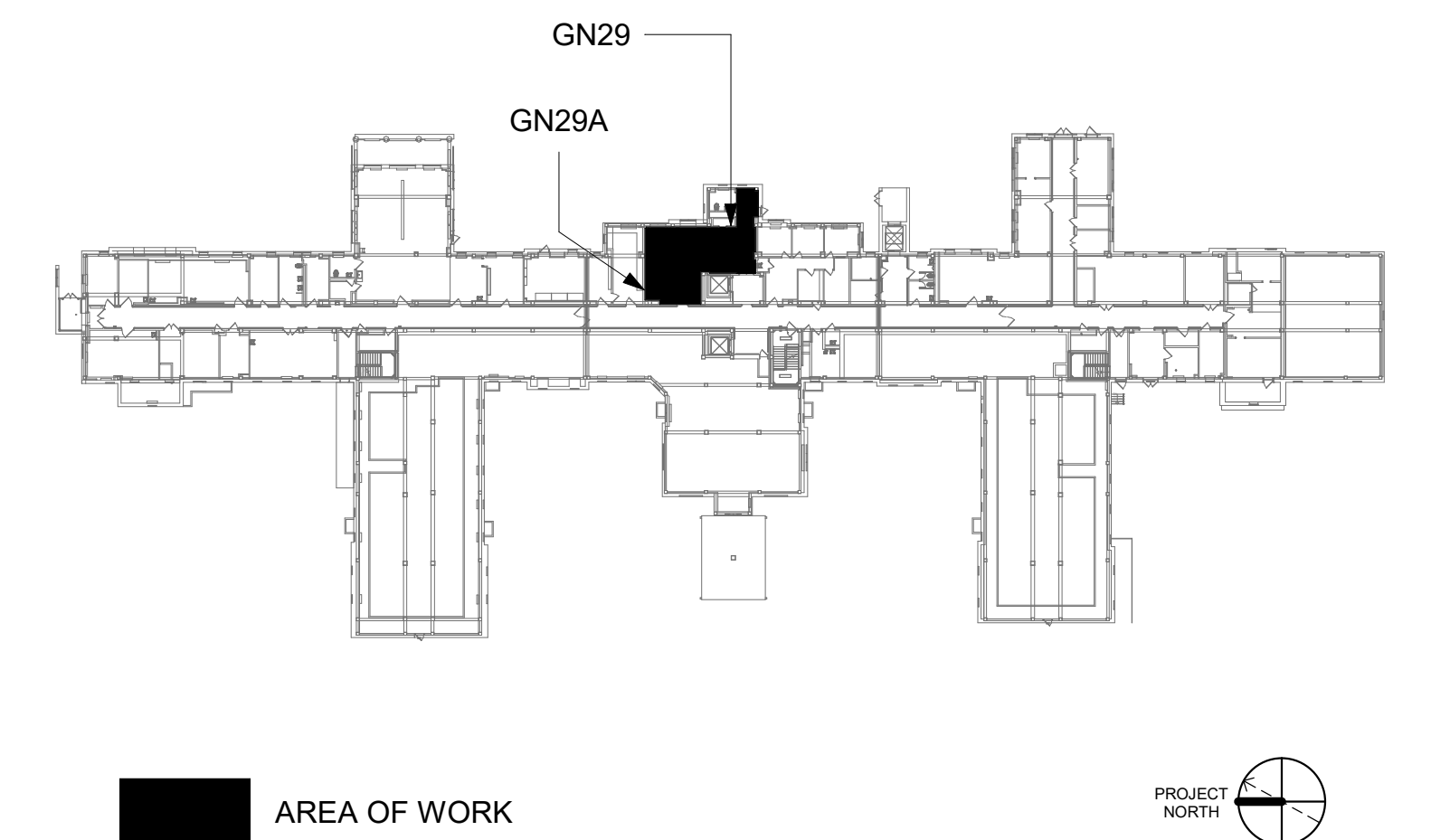


**ALL BACKBONE CABLING ROUTES ARE  
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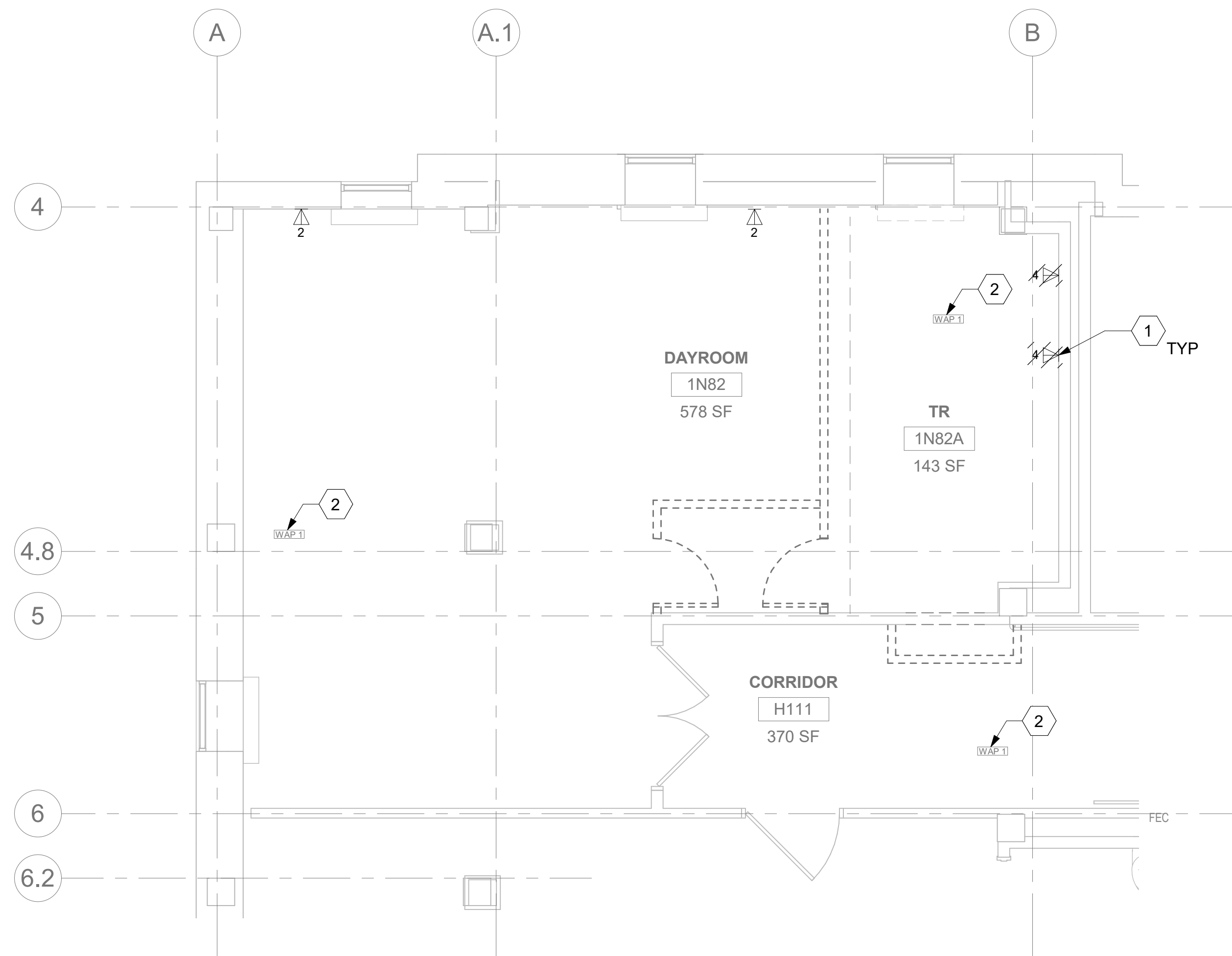
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- 4 TUBE DISTRIBUTION UNIT (TDU). REFERENCE COMMUNICATION DRAWINGS FOR ADDITIONAL INFORMATION.

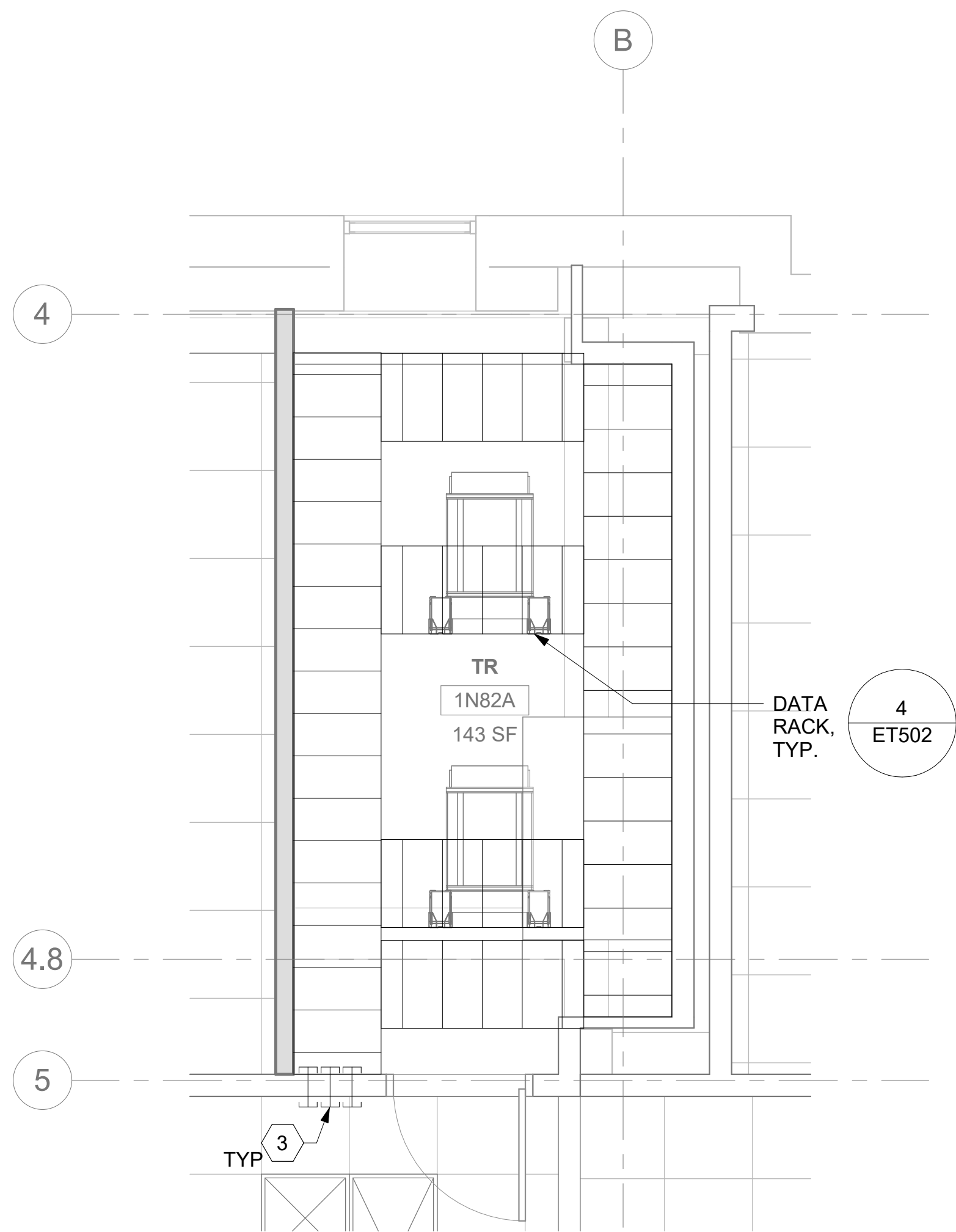


VA FORM 08 - 6231									
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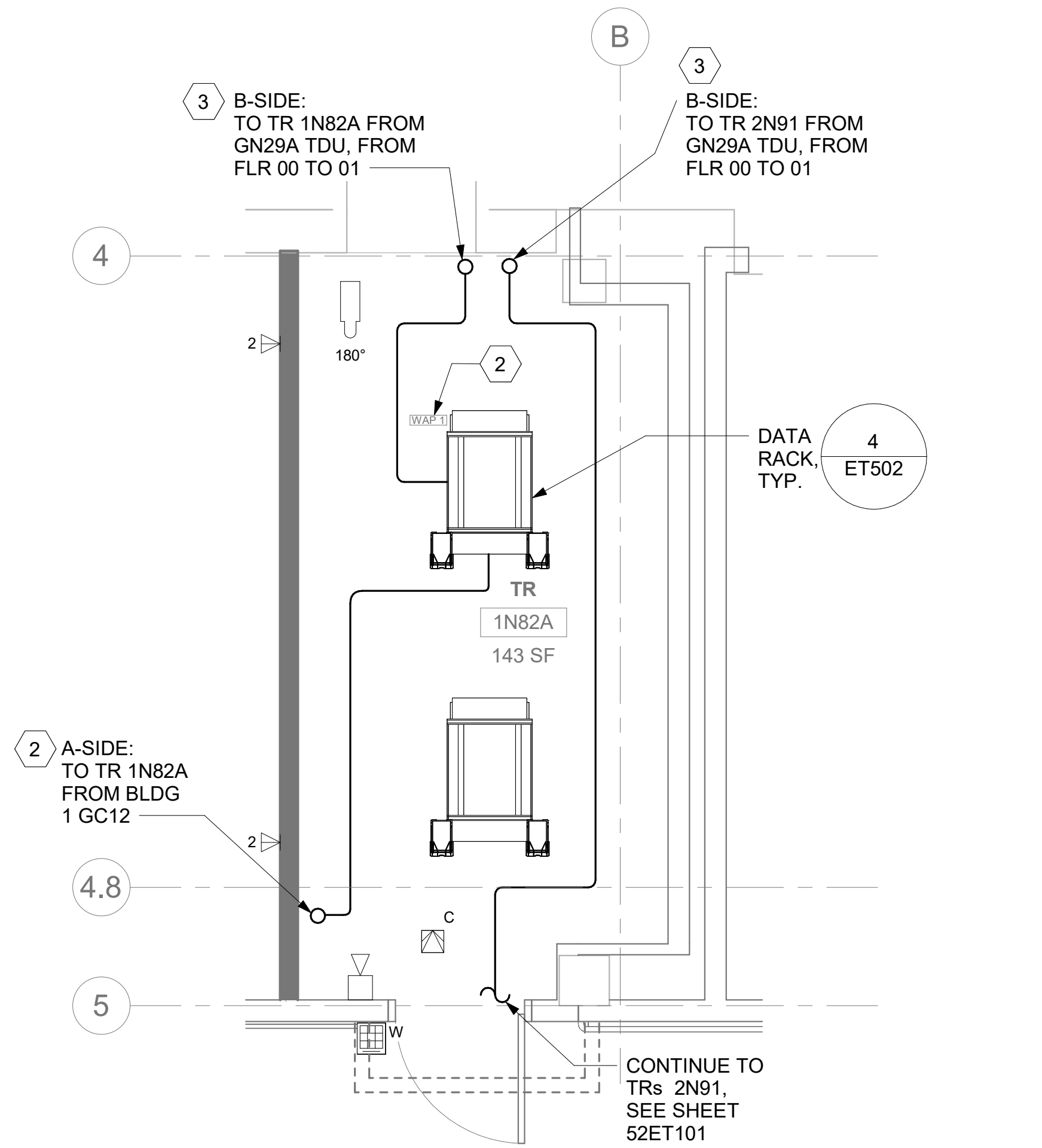




1 RM 1N82 - DEMOLITION FLOOR PLAN  
52ET101 1/4" = 1'-0"



3 RM 1N82A - OVERHEAD PLAN LEVEL 1  
52ET101 3/8" = 1'-0"



2 RM 1N82A - TELECOMMUNICATIONS PLAN  
52ET101 3/8" = 1'-0"

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4 NOT USED

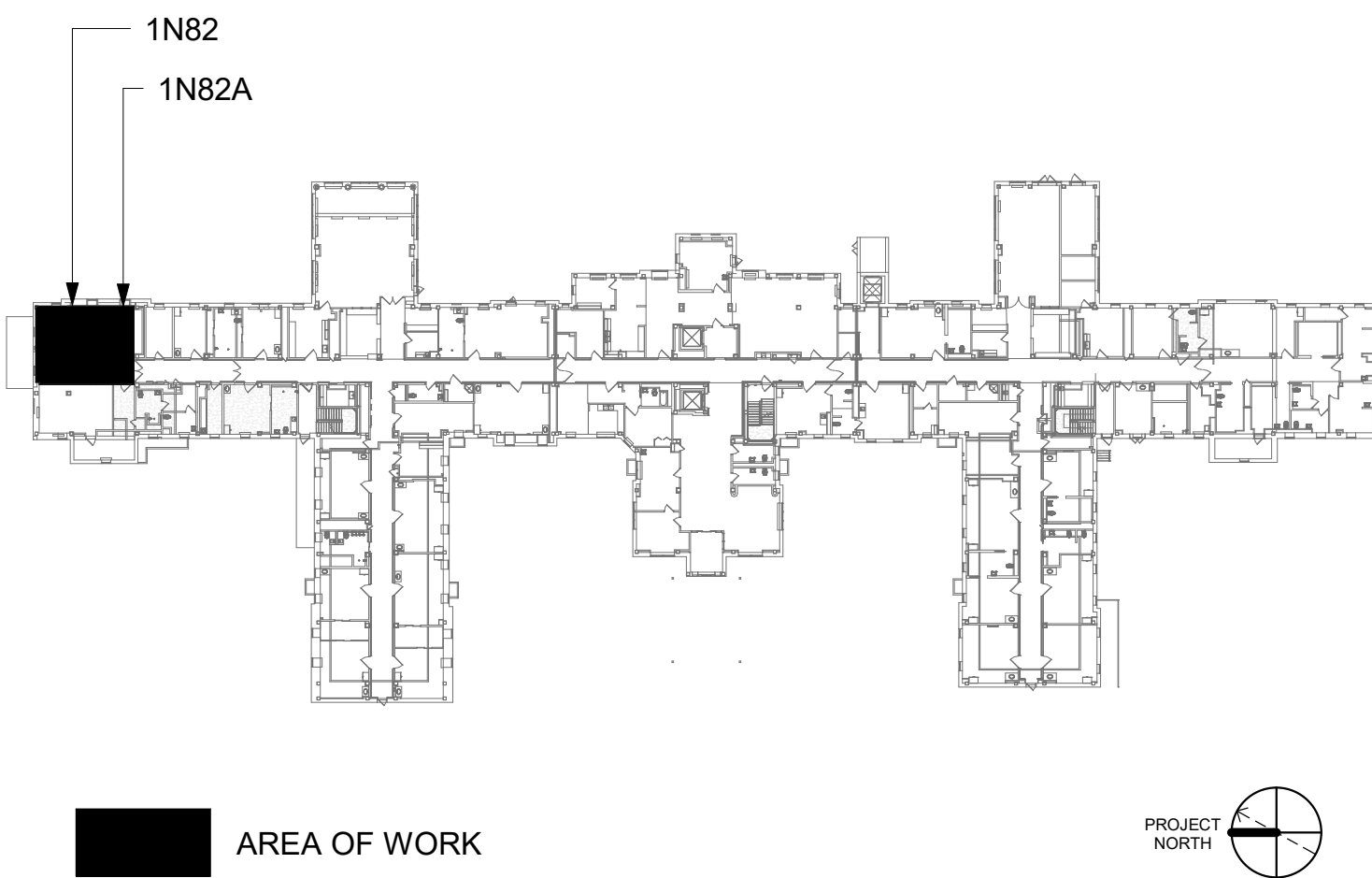
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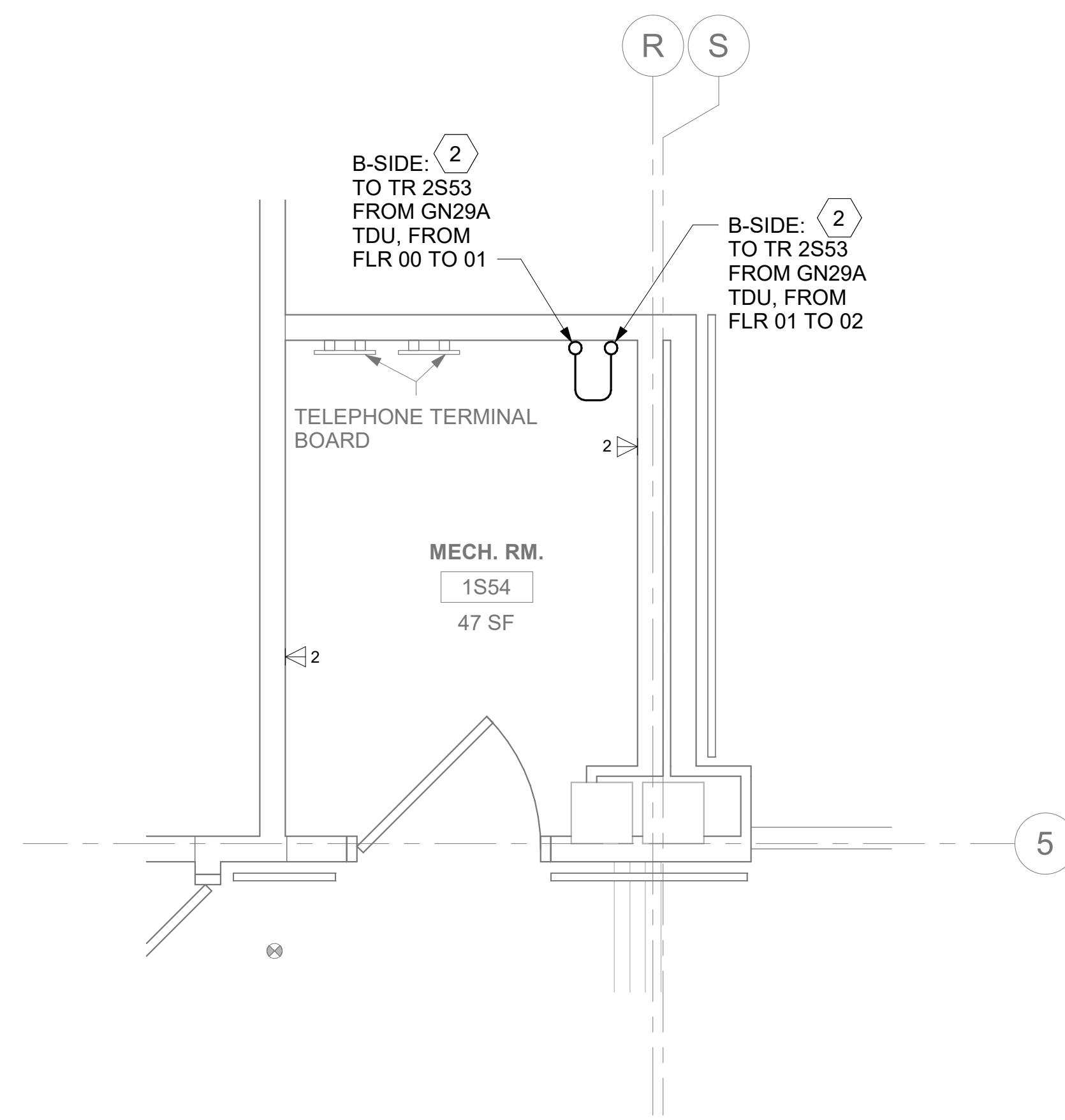
## KEY PLAN



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	ARCHITECT/ENGINEER OF RECORD	STA
	<p>A/E:  <b>SPEEDS DESIGN BUILD</b>          625 1ST AVE, STE 301          SEATTLE, WA 98104          (206) 590-2118          RAY SPEEDS</p> 	



2 RM 1S54 - TELECOMMUNICATIONS PLAN

52ET101 1/2" = 1'-0"

0 2 4 6

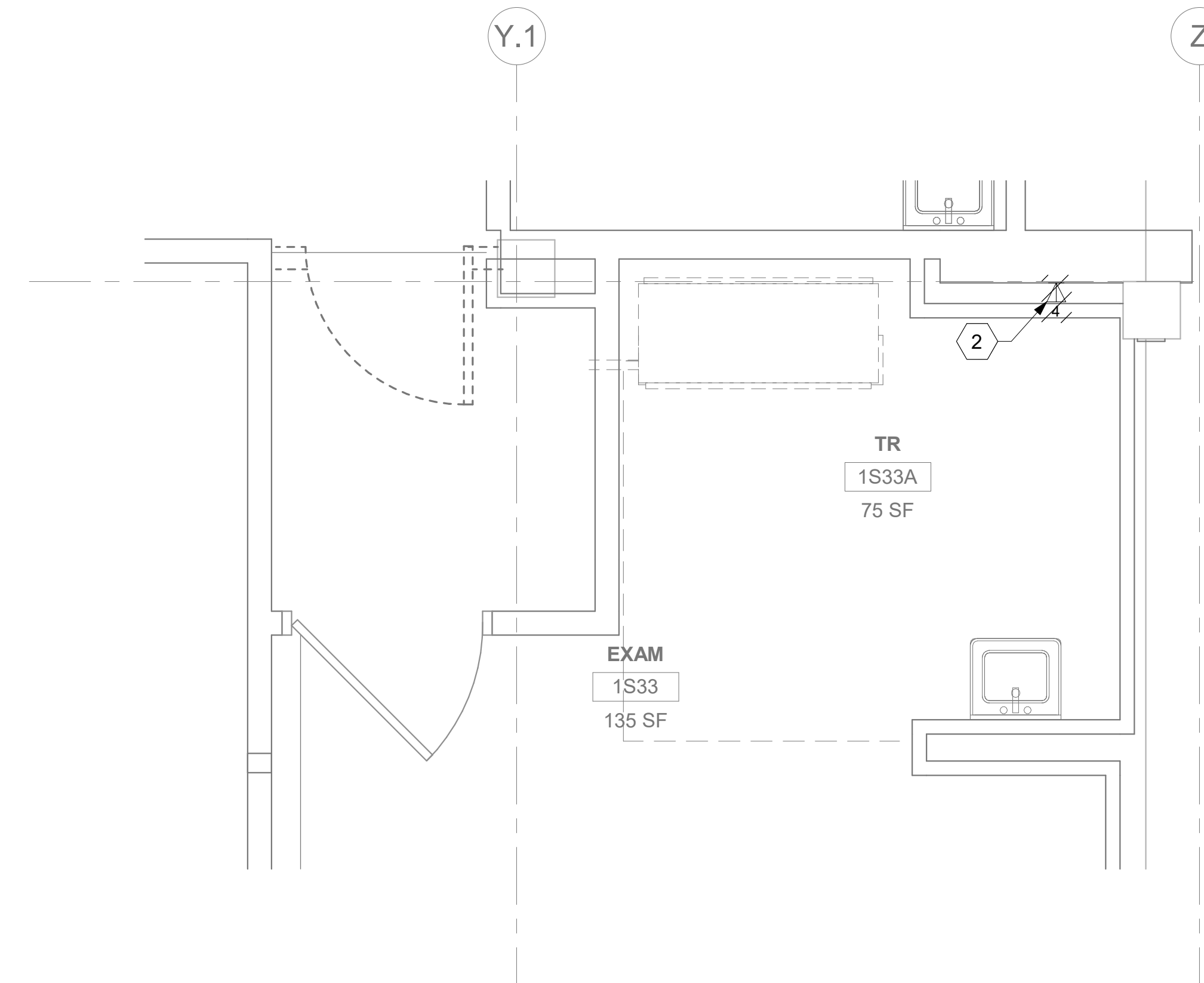
PROJECT NORTH

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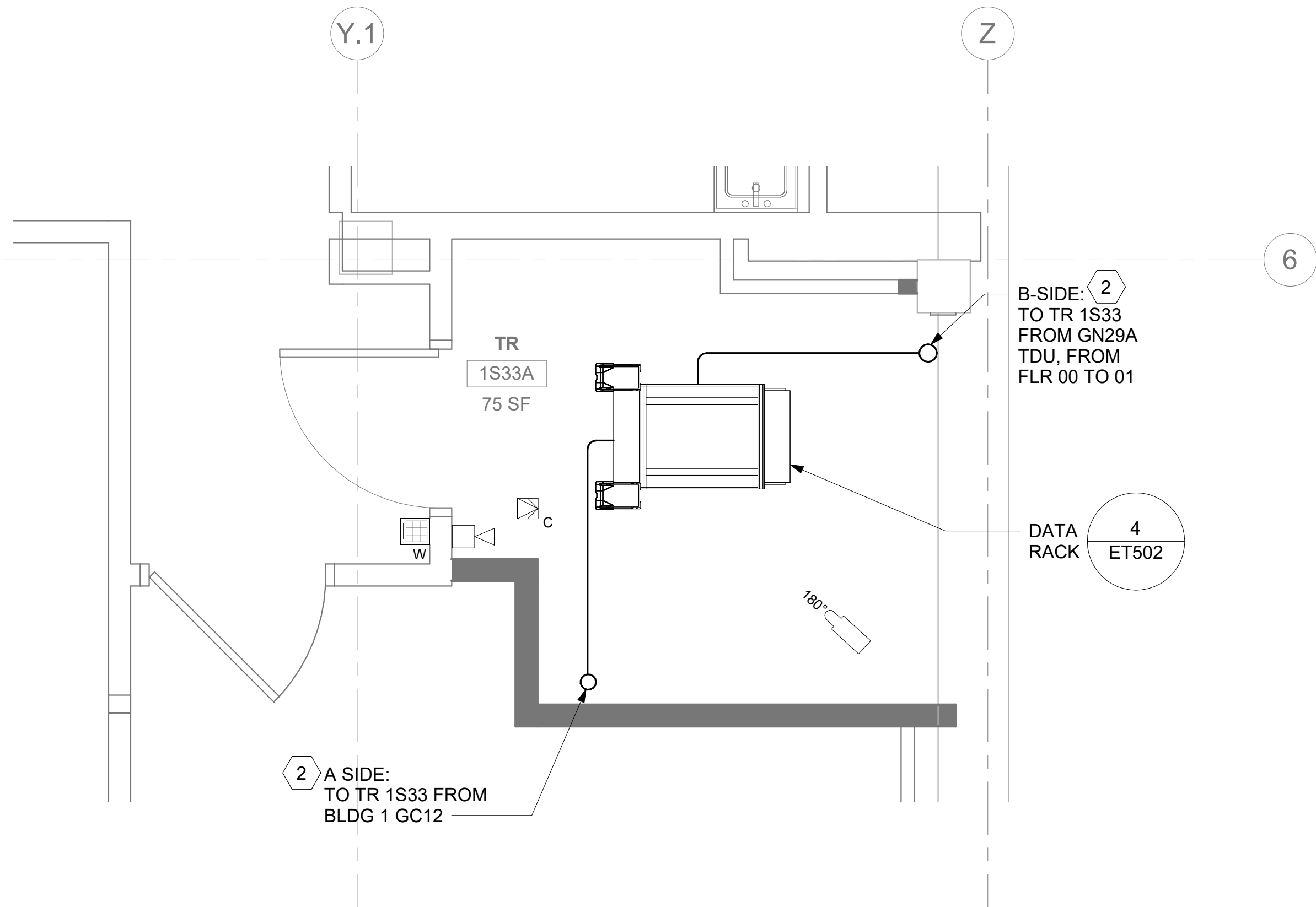
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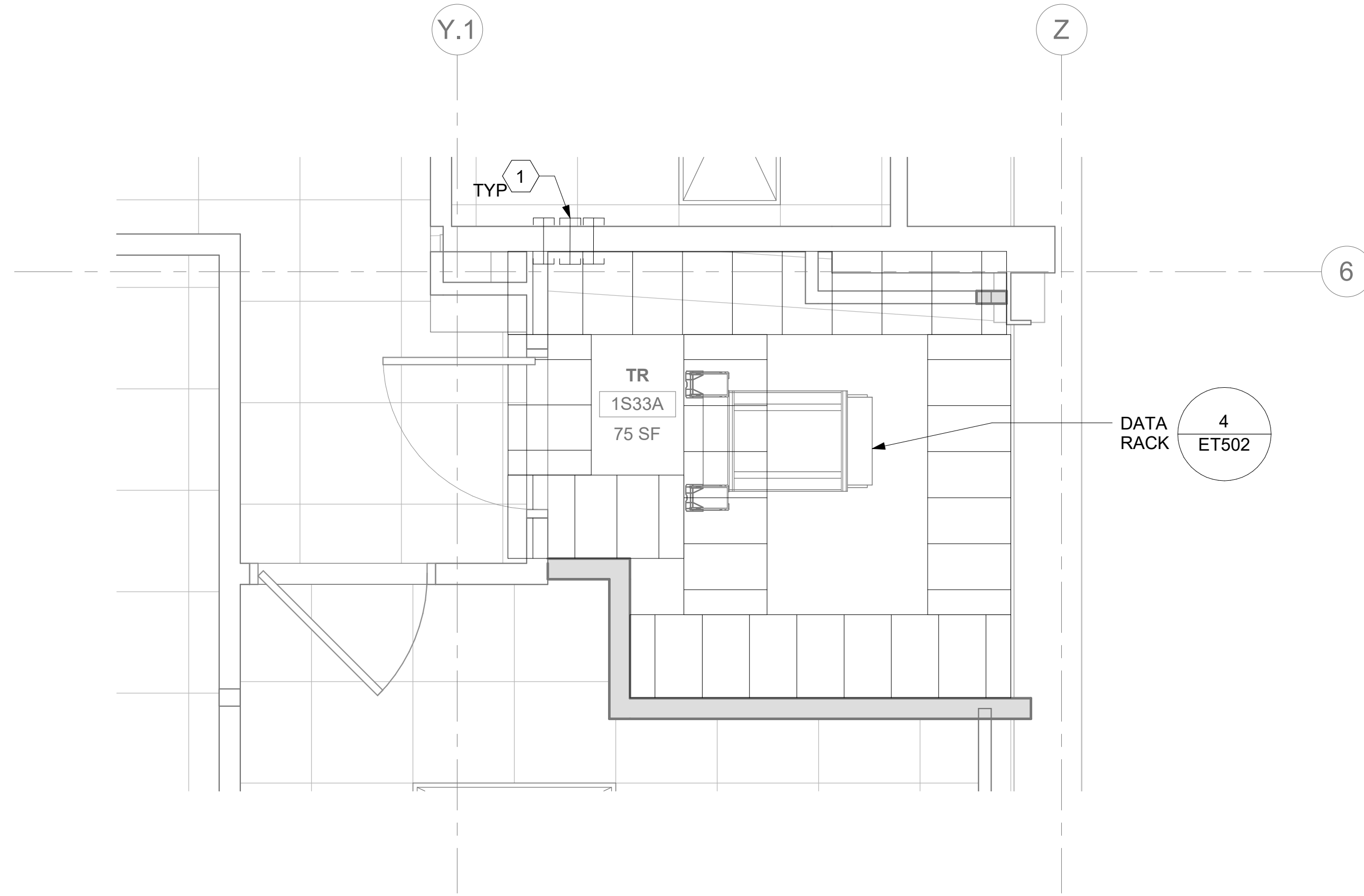




1 RM 1S33 - DEMOLITION FLOOR PLAN  
52ET101 1/2" = 1'-0"



2 RM 1S33 - TELECOMMUNICATIONS PLAN  
52ET101 1/2" = 1'-0"



3 RM 1S33 - OVERHEAD PLAN LEVEL 1  
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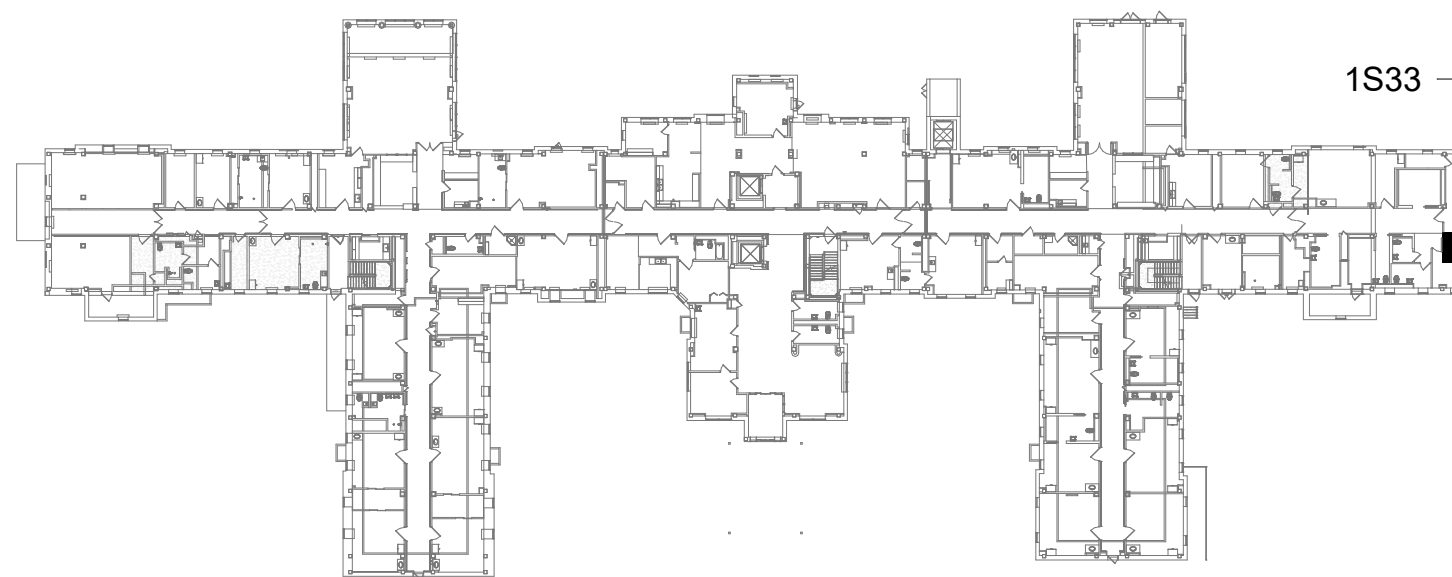
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- PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
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## KEY NOTES

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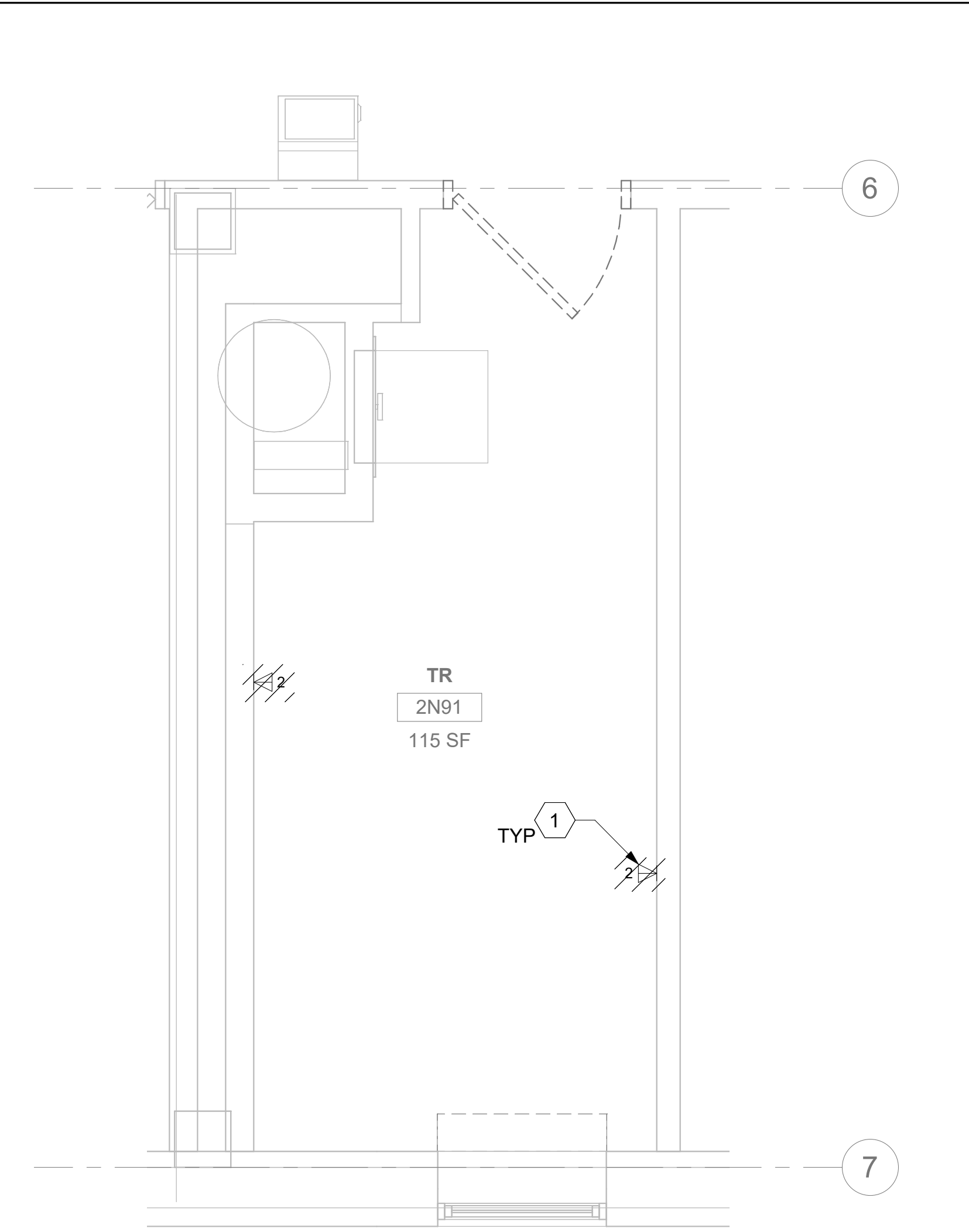
## KEY PLAN



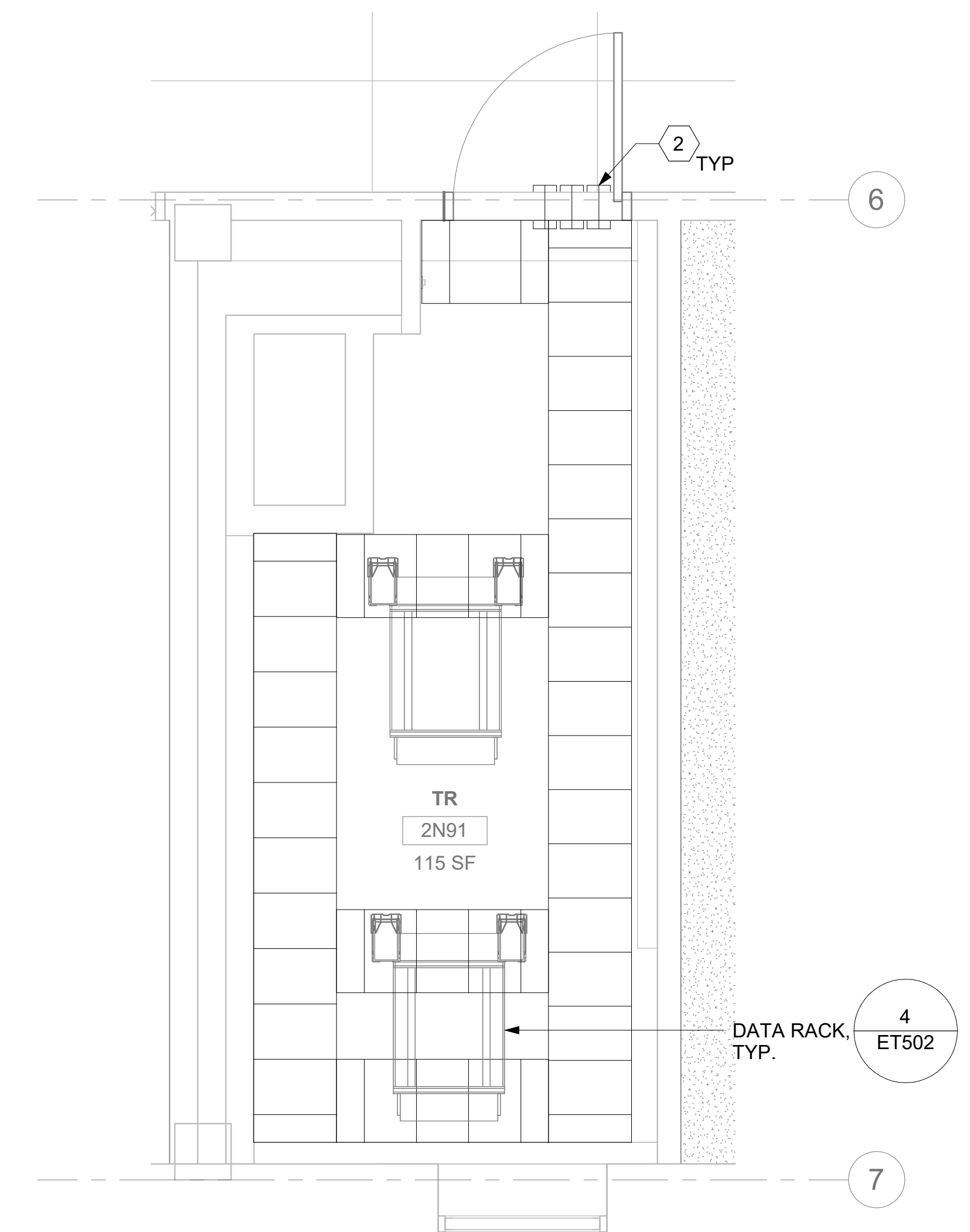
AREA OF WORK

		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				BLDG 52 - FLOOR 1 - ENLARGED TELECOMMUNICATIONS PLANS		CONSTRUCTION DOCUMENTS		EHRM INFRASTRUCTURE UPGRADES		657-21-701JB	
								Approved:				Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO		Building Number 52	
										FULLY SPRINKLERED		Issue Date 03/31/2022		Checked LRL/WM	Drawn JBB
Revisions:		Date:												Drawing Number 52ET401c	
														402 OF 435	

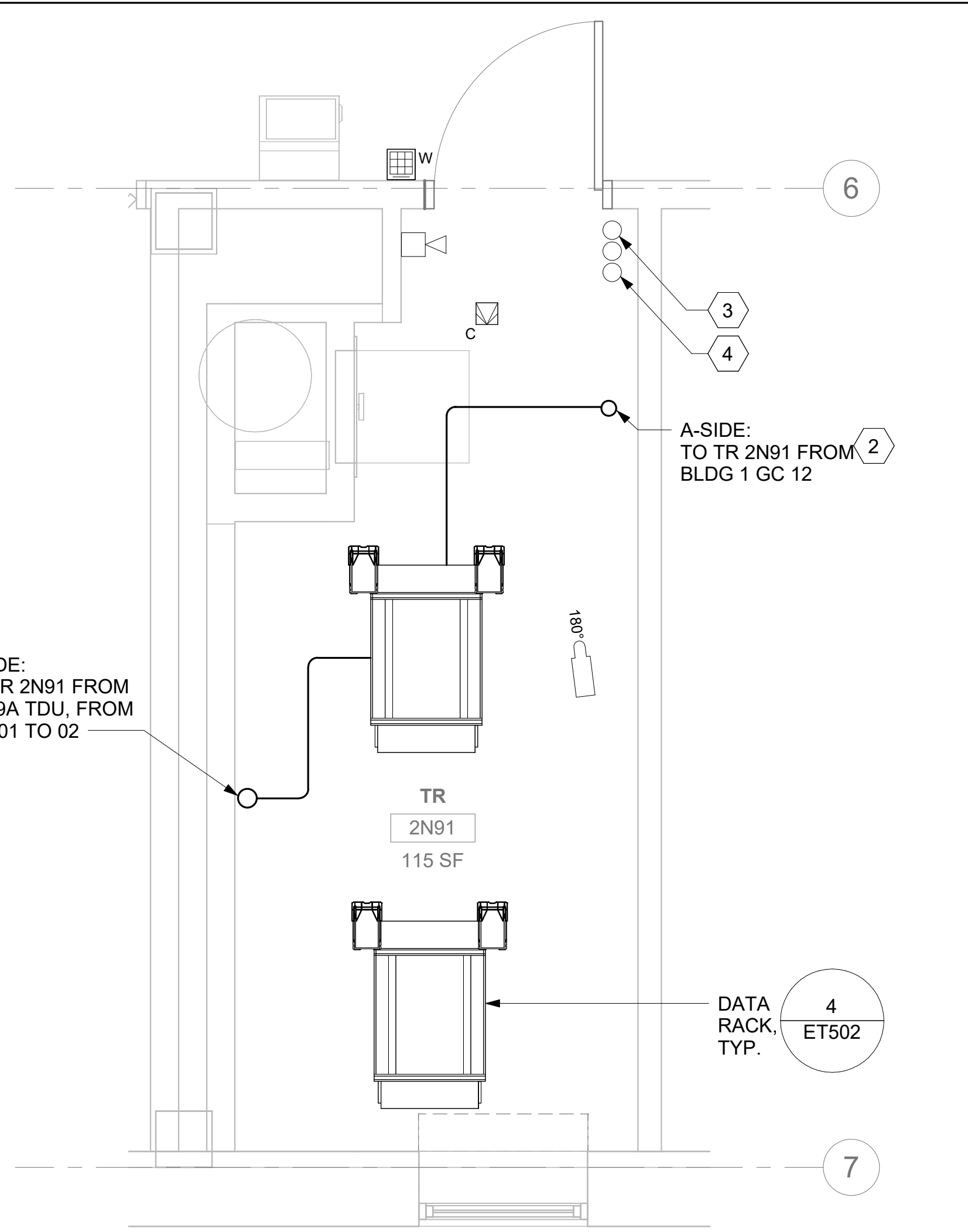




1 RM 2N91 - DEMOLITION FLOOR PLAN  
52ET102 1/2" = 1'-0"



3 RM 2N91 - OVERHEAD PLAN LEVEL 1  
52ET102 1/2" = 1'-0"



2 RM 2N91 - TELECOMMUNICATIONS PLAN  
52ET102 1/2" = 1'-0"

ALL BACKBONE CABLING ROUTES ARE  
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ENSURE A-SIDE AND B-SIDE ROUTING IS AS  
DIVERSE AS PRACTICAL. REFERENCE  
COMMUNICATIONS DRAWINGS FOR ALL  
REQUIRED FIBER-OPTIC CABLING.

4 NOT USED  
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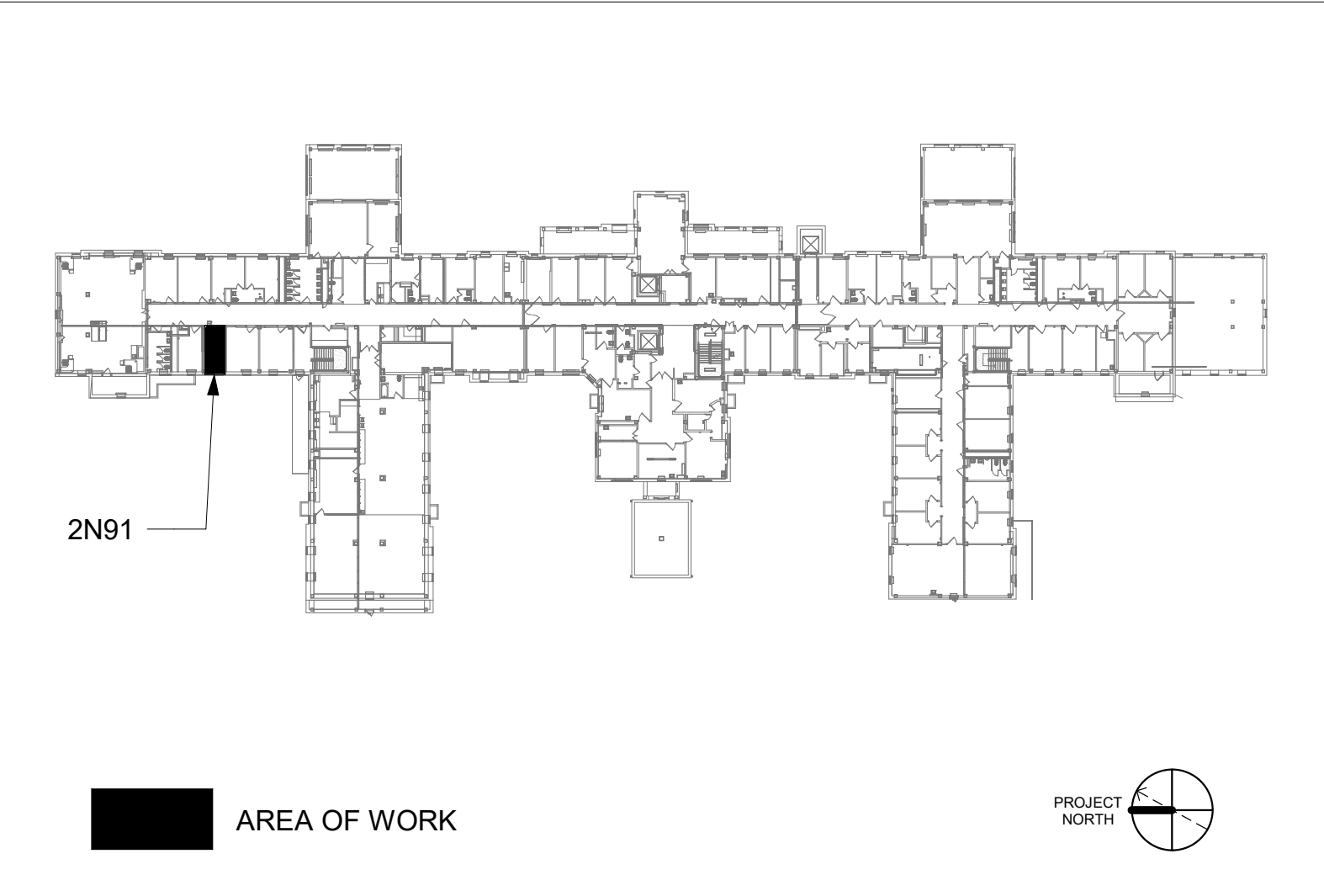
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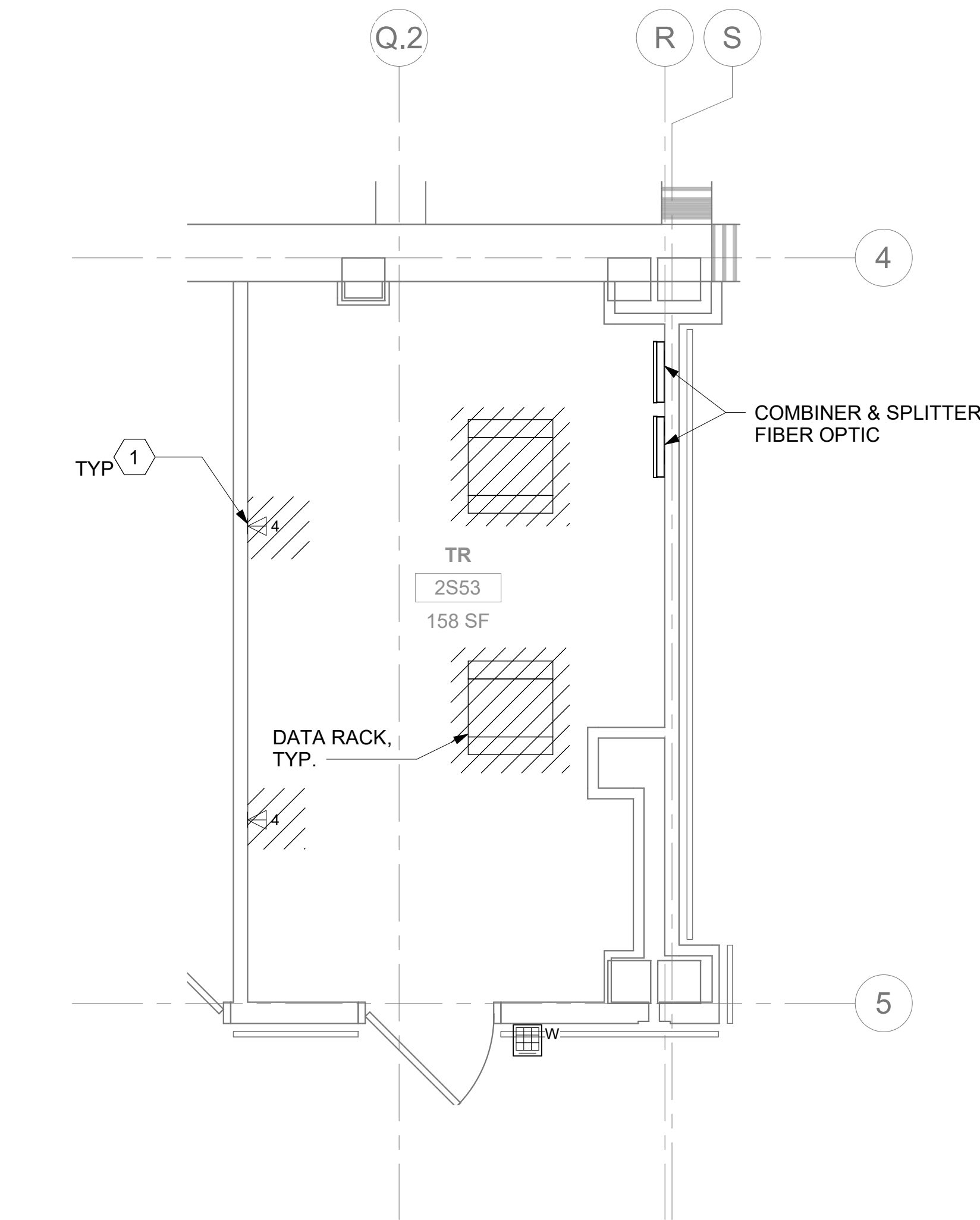
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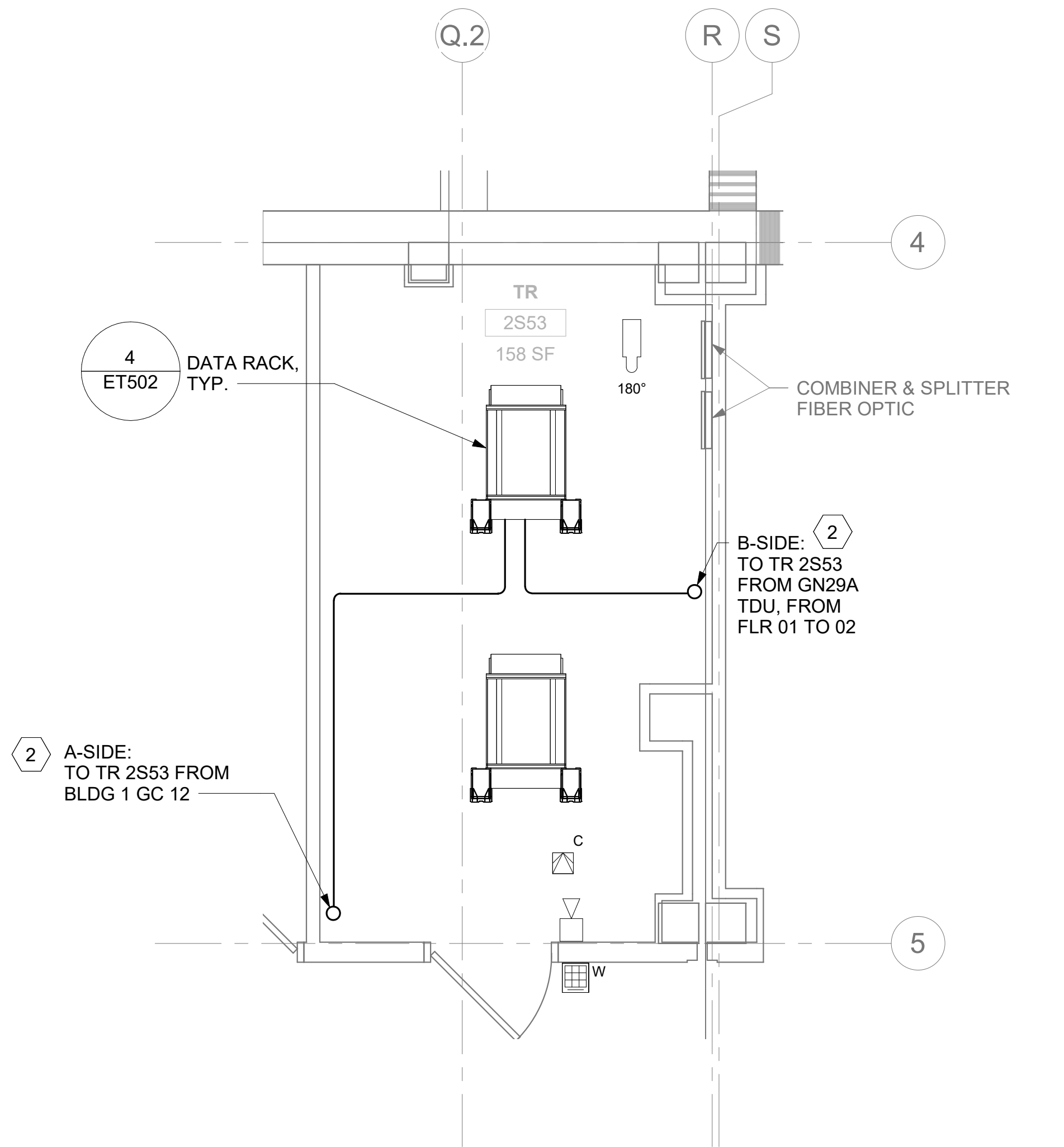


		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title BLDG 52 - FLOOR 2 - ENLARGED TELECOMMUNICATIONS PLANS	Phase CONSTRUCTION DOCUMENTS	Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 657-21-701JB
			A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES	STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER 3-31-23	VA U.S. Department of Veterans Affairs	Approved:	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 52
Revisions:		Date:							Drawing Number 52ET402a
									403 OF 435

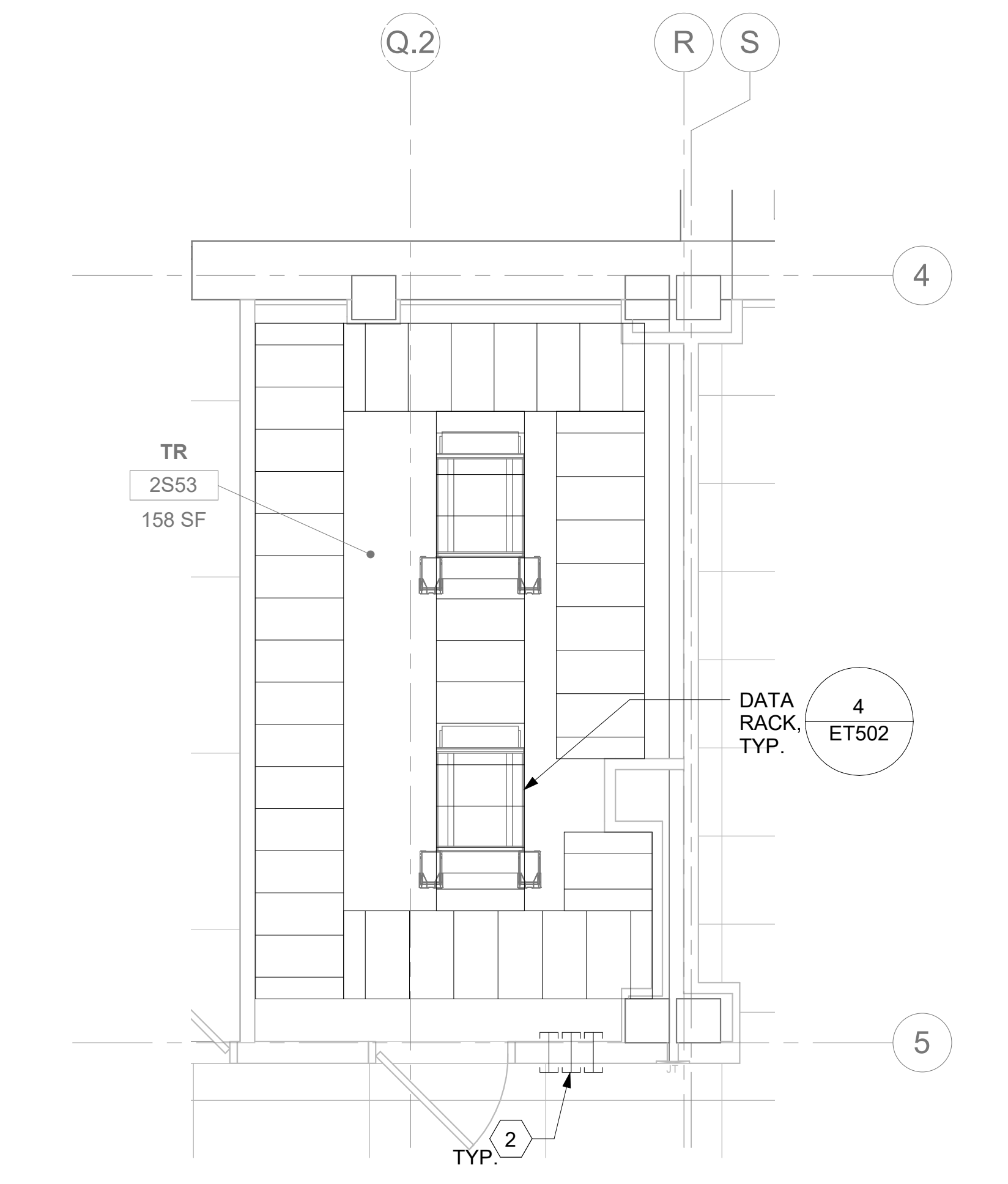




1 RM 2S53 - DEMOLITION FLOOR PLAN  
52ET102 3/8" = 1'-0"



2 RM 2S53 - TELECOMMUNICATIONS PLAN  
52ET102 3/8" = 1'-0"



3 RM 2S53 - OVERHEAD PLAN LEVEL 1  
52ET102 3/8" = 1'-0"

4 NOT USED  
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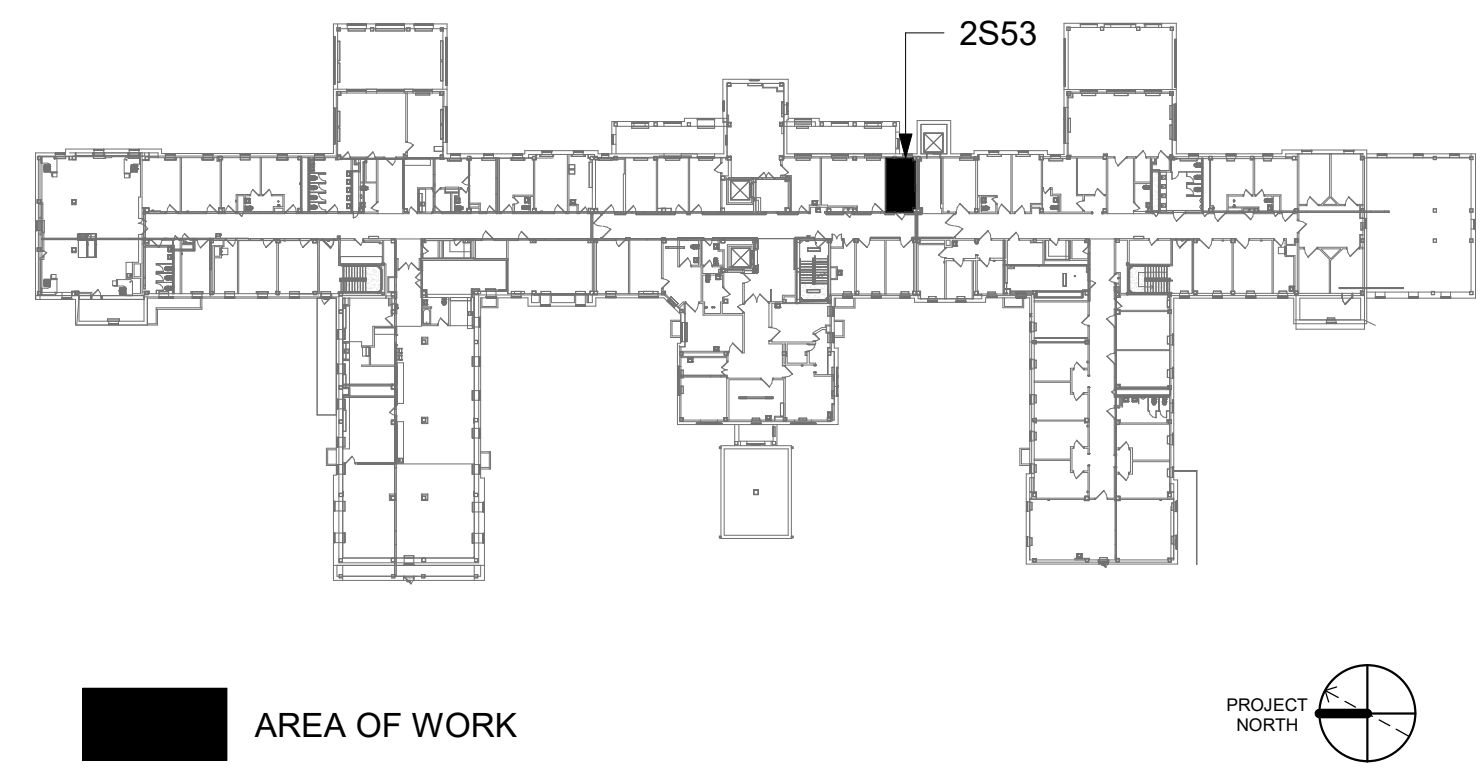
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Revisions:		Date:		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
					A/E:	STATE OF WASHINGTON	VA	BLDG 52 - FLOOR 2 - ENLARGED TELECOMMUNICATIONS PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					SPEES DESIGN BUILD	55081		Approved:	FULLY SPRINKLERED	Location	Drawing Number
					625 1ST AVE, STE 301	3-31-23				ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	52ET402b
					SEATTLE, WA 98104	REGISTERED PROFESSIONAL ENGINEER				Issue Date	404 OF 435
					(206) 590-2118					Checked	
					RAY SPEES					LRL/WM	
										Drawn	
										JGE/JBB	



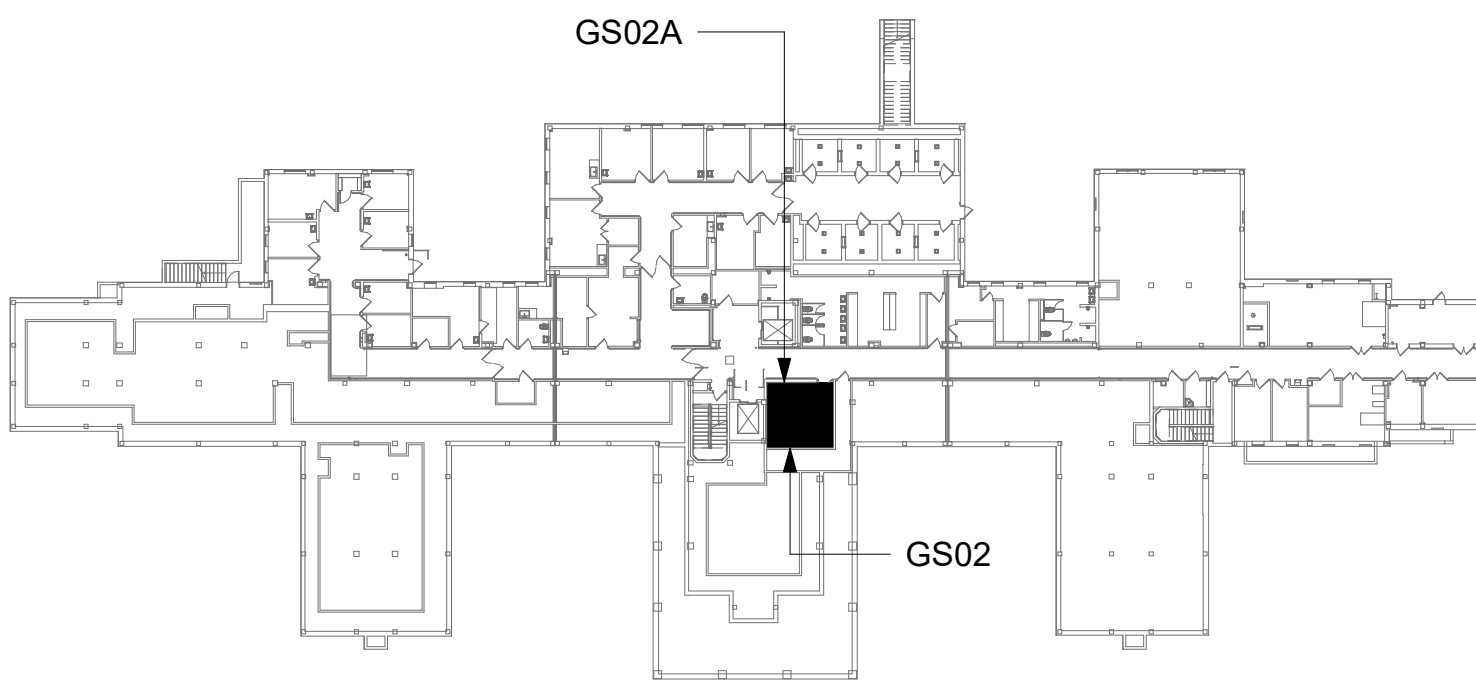
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KEY NOTES

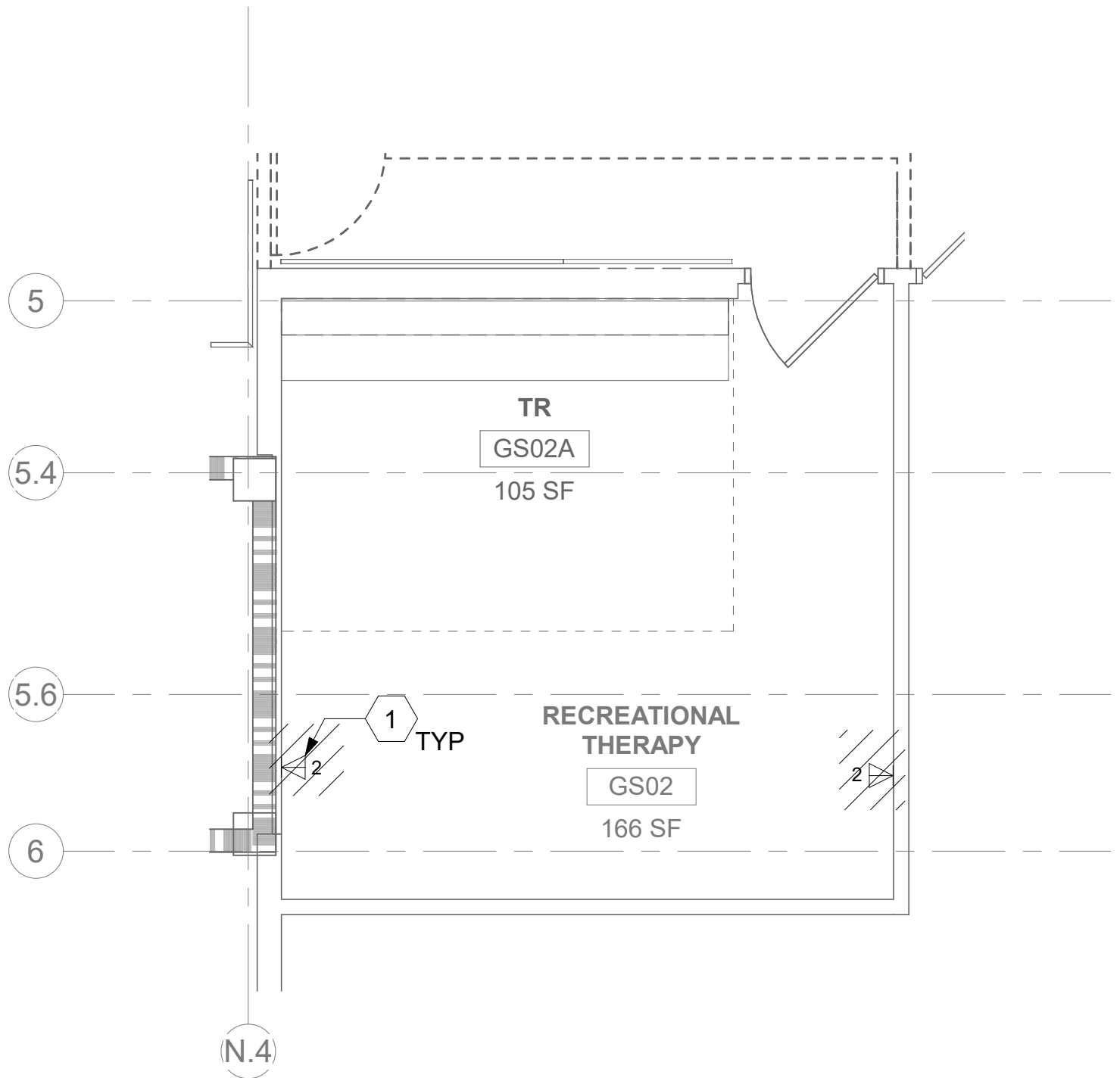
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KEY PLAN



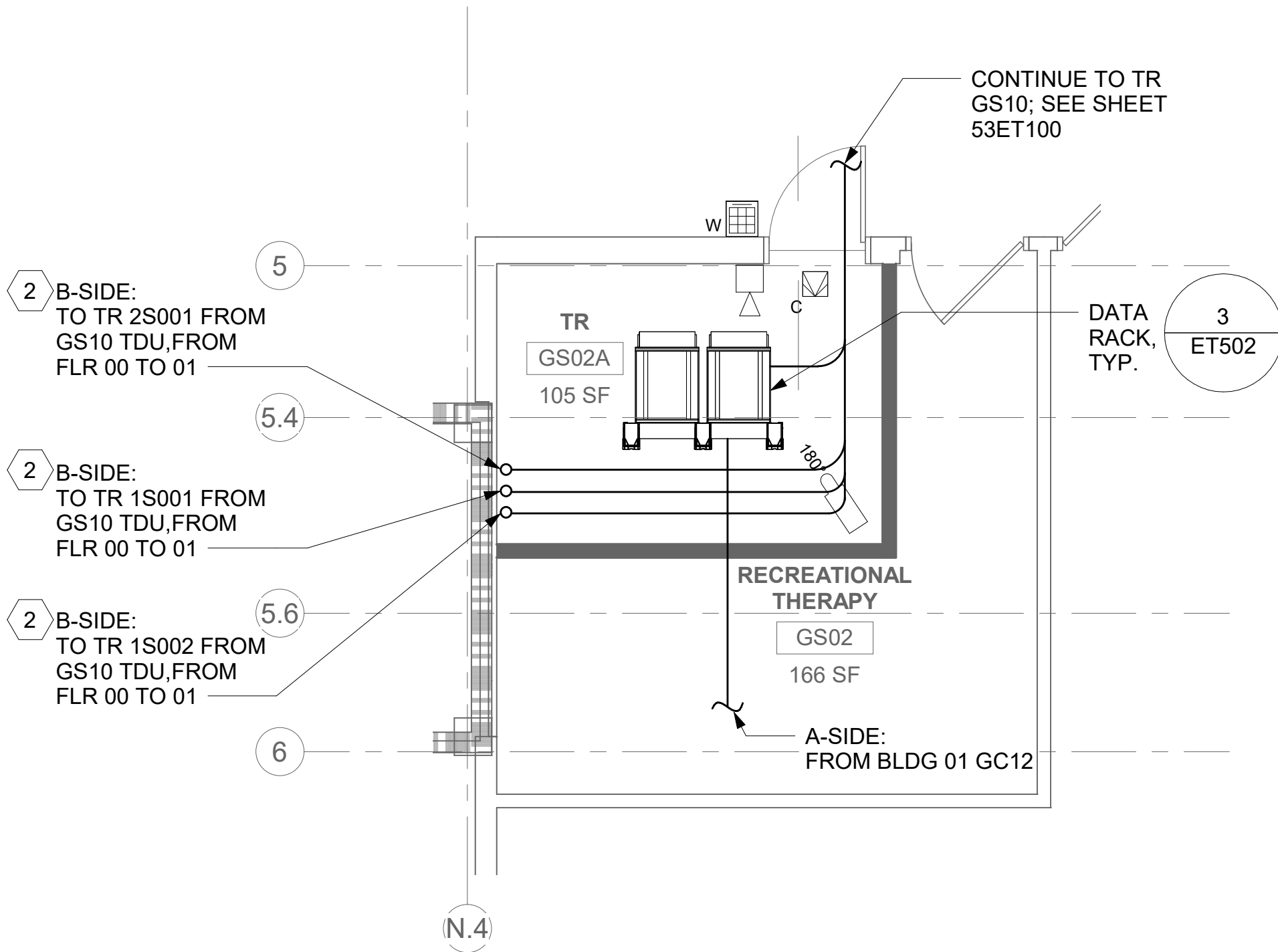
AREA OF WORK

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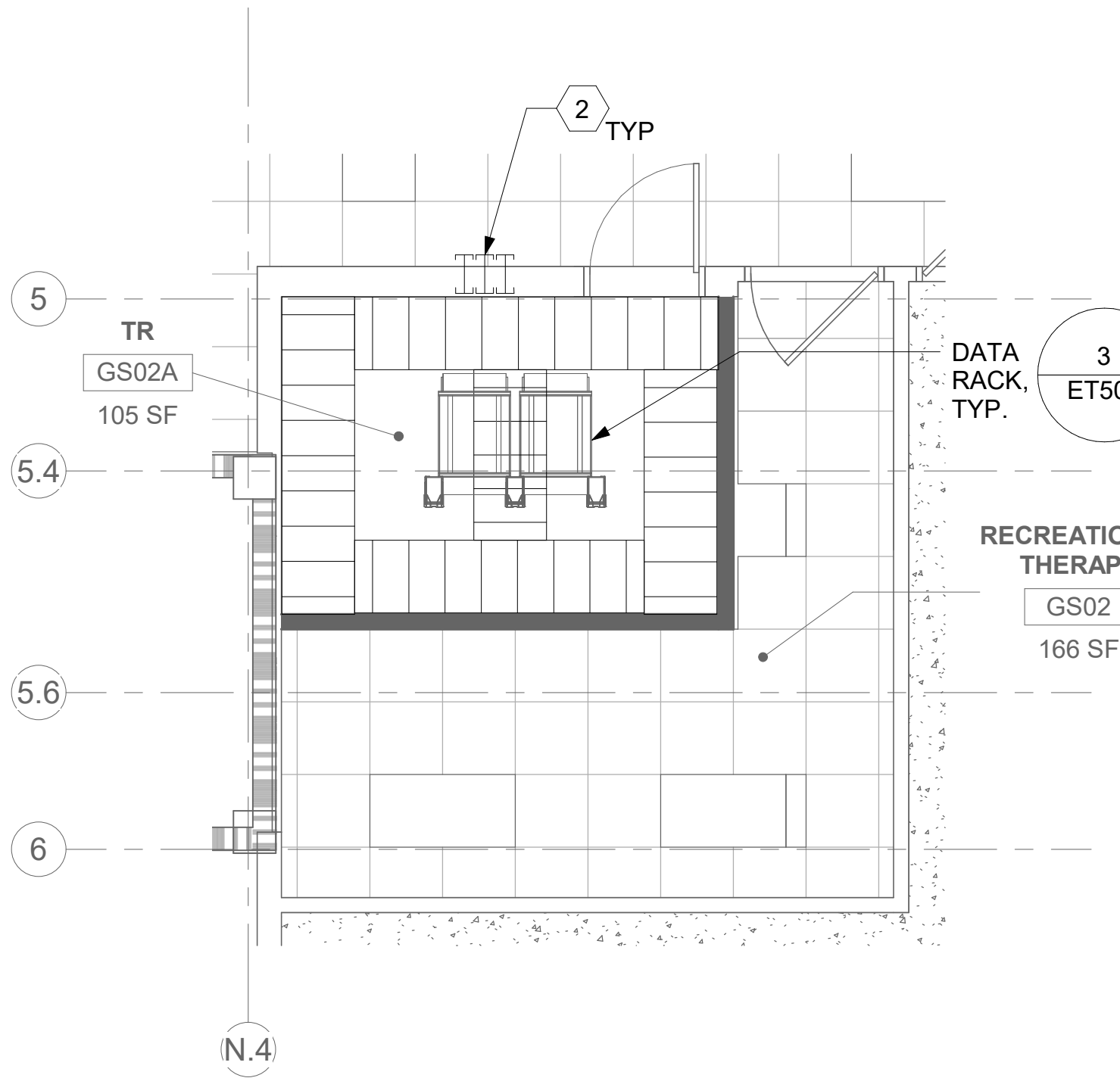
1 RM GS02 - DEMOLITION FLOOR PLAN

53ET100 1/4" = 1'-0"



2 RM GS02A - TELECOMMUNICATIONS PLAN

53ET100 1/4" = 1'-0"



3 RM GS02A - OVERHEAD PLAN LEVEL 1

53ET100 1/4" = 1'-0"

4 NOT USED

-

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

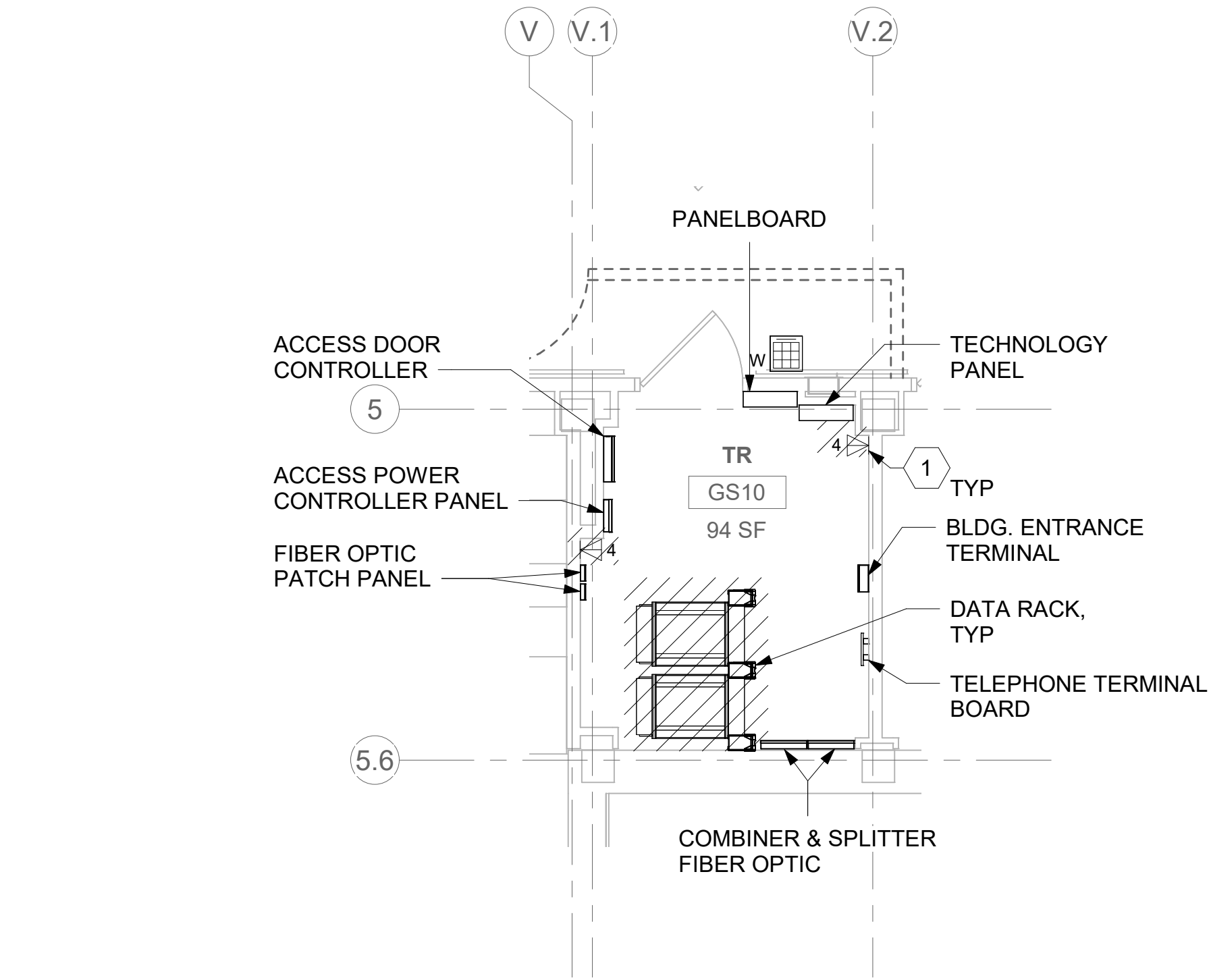
Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title
BLDG 53 - FLOOR 0 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:

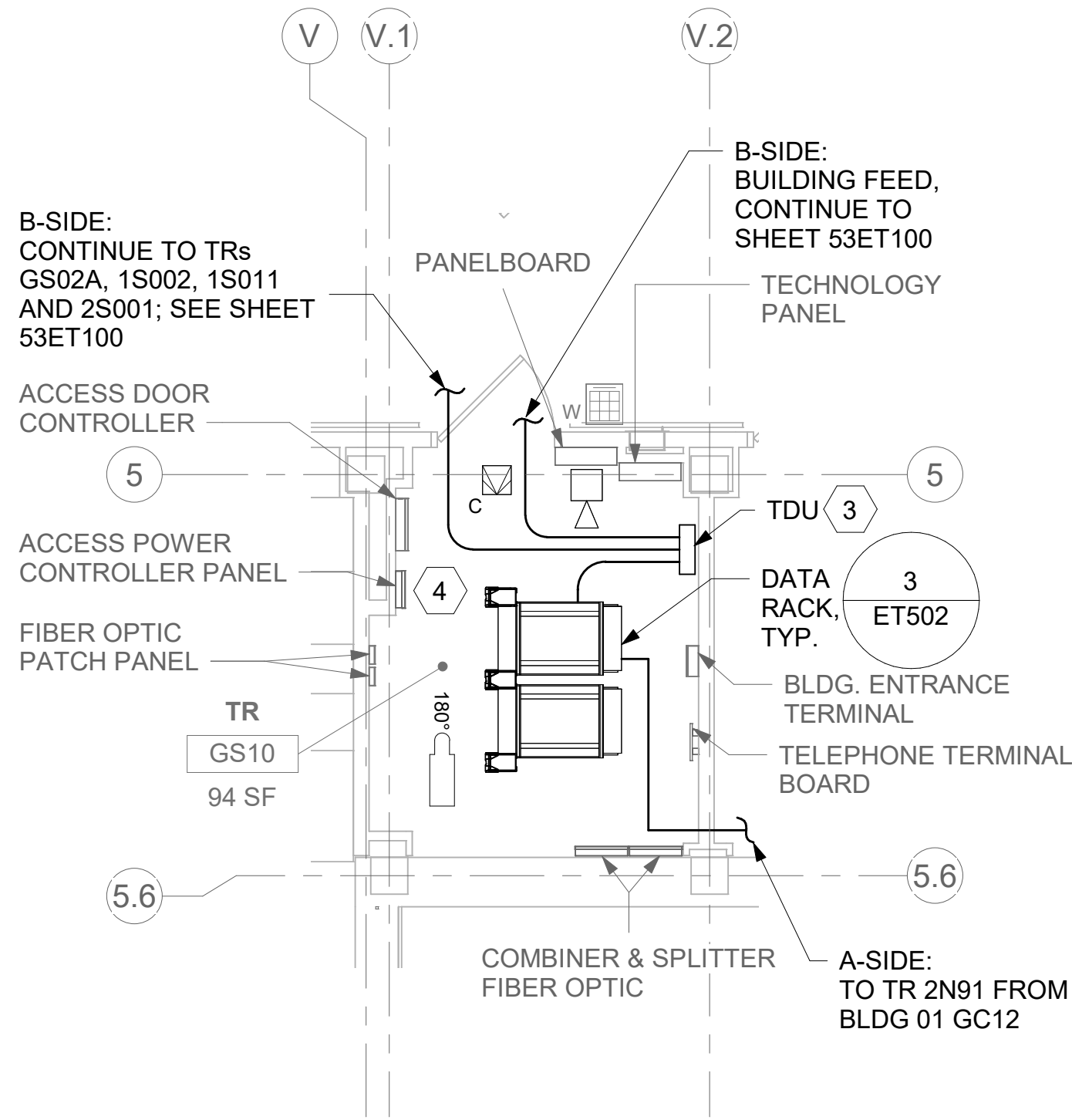
Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
LRL/WM
Drawn
JGE/JBB
Project Number
657-21-701JB
Building Number
53
Drawing Number
53ET400a
405 OF 435

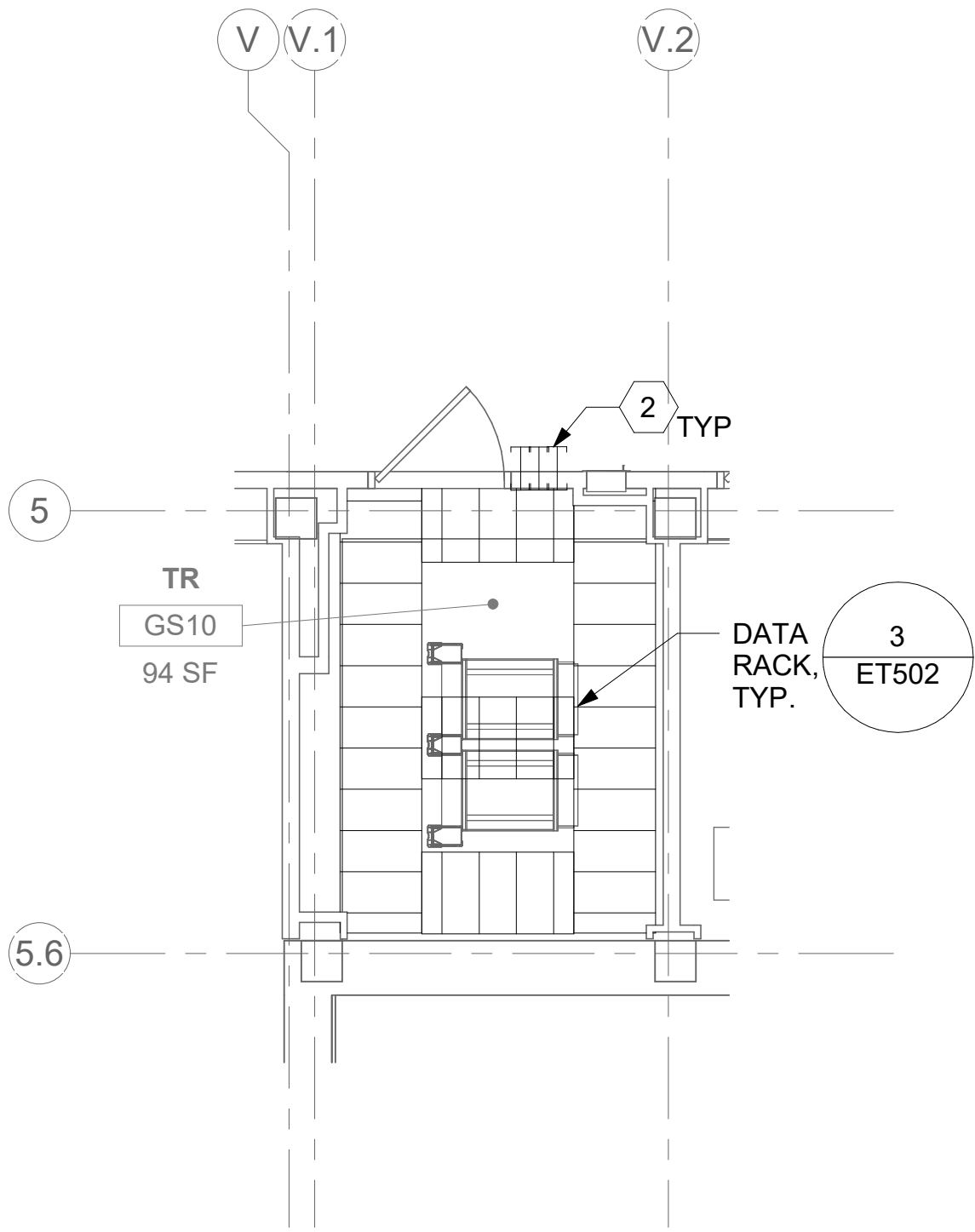




**1 RM GS10 - DEMOLITION FLOOR PLAN**  
53ET100 1/4" = 1'-0" PROJECT NORTH



**2 RM GS10 - TELECOMMUNICATIONS PLAN**  
53ET100 1/4" = 1'-0" PROJECT NORTH



**3 RM GS10 - OVERHEAD PLAN LEVEL 1**  
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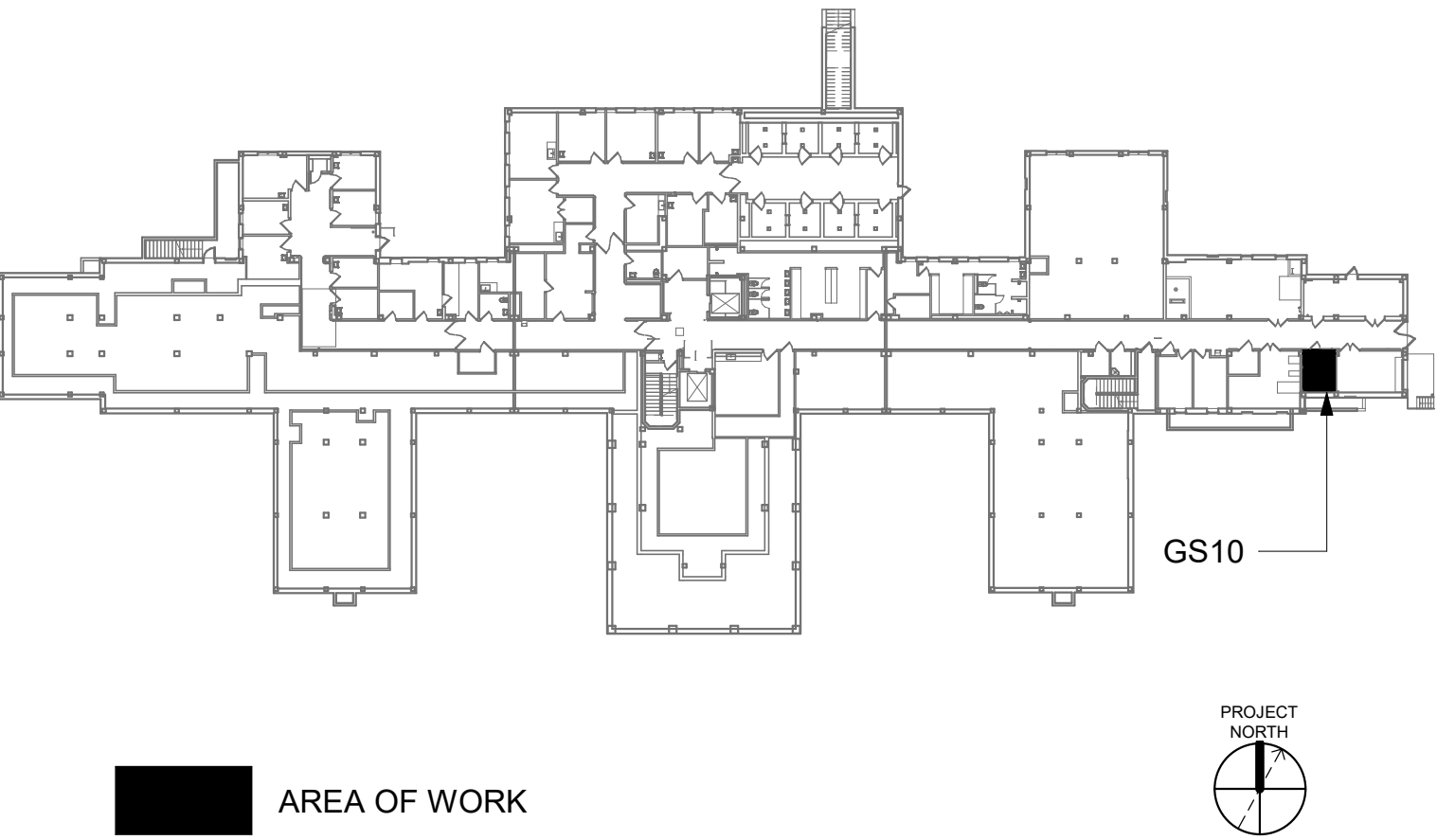
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- OUTLET LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES ON AS-BUILT DRAWINGS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING FURNITURE, INCLUDING TRANSPORTATION, FOR ALL WORK TO DESIRED VA STORAGE LOCATION. COORDINATE WITH VA AS REQUIRED.
- ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
- ALL TELECOMMUNICATION ROOMS SHALL BE PROVIDED WITH FIRE-RATED PLYWOOD BACKBOARDS. REFERENCE EXACT PLACEMENTS WITH ARCHITECTURE DRAWINGS AS REQUIRED.
- FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/ CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

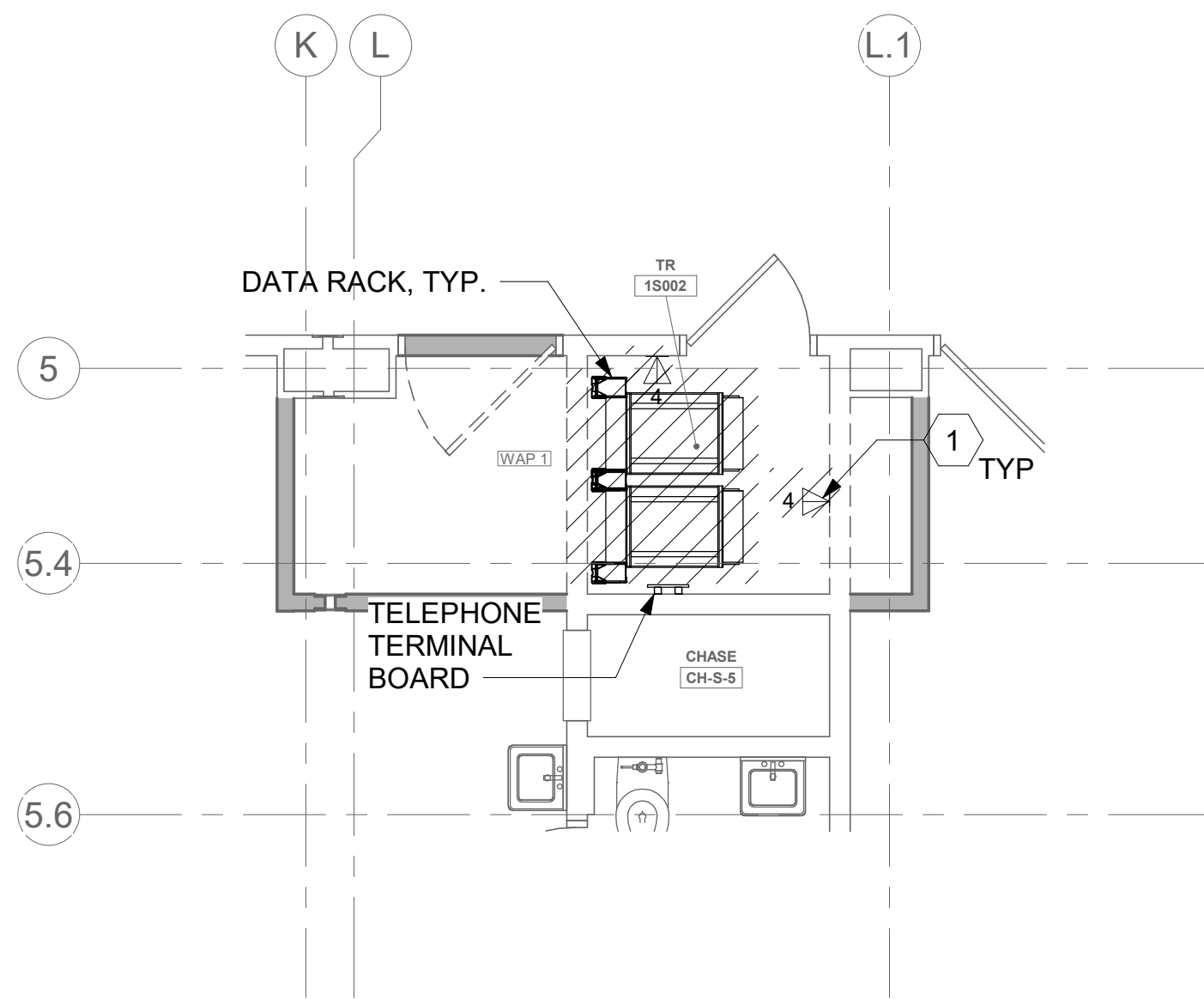
- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
- PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SLEEVES SHALL BE HILTI QUICK RELEASE SLEEVES, OR REVIEWED EQUAL. REFERENCE DETAIL '2' ON SHEET ET503 FOR ADDITIONAL INFORMATION.
- TUBE DISTRIBUTION UNIT (TDU). REFERENCE COMMUNICATION DRAWINGS FOR ADDITIONAL INFORMATION.
- UTILIZE EXISTING PACS SECURITY HEAD END LOCATION FOR NEW OR RELOCATED PACS SECURITY TR EQUIPMENT. UPGRADE OR MODIFY EXISTING HEAD END LOCATION AS REQUIRED TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL TR PACS SECURITY SYSTEM. PROVIDE EQUIPMENT, RACEWAYS, AND CABLING AS REQUIRED. COORDINATE WITH VA PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY EXACT HEAD END LOCATION AS REQUIRED.

KEY PLAN

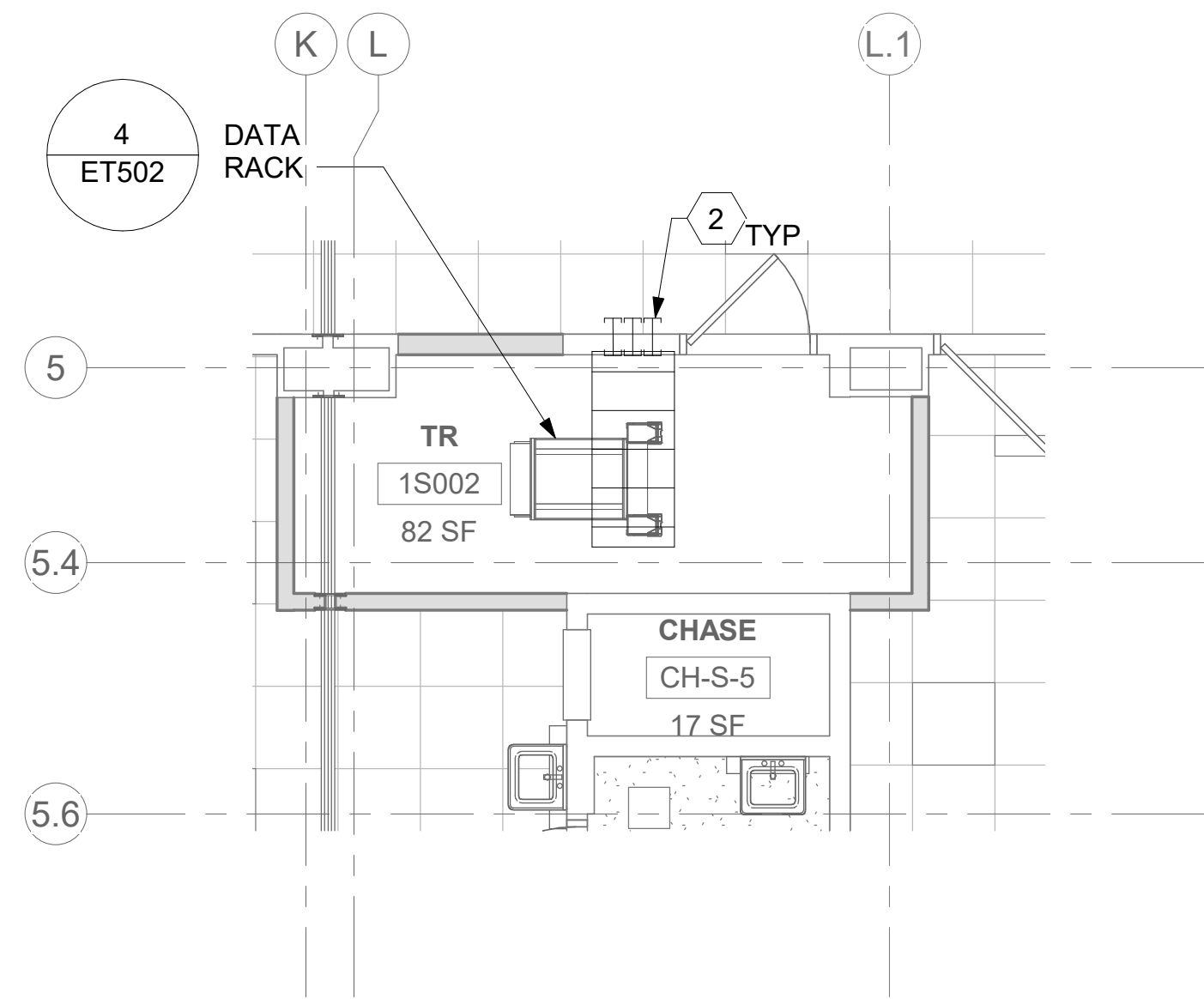


		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Drawing Title	Phase	Project Title	Project Number
			A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	BLDG 53 - FLOOR 0 - ENLARGED TELECOMMUNICATIONS PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					Approved:	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 53
							Issue Date 03/31/2022	Checked LRL/WM
							Drawn JBB	Drawing Number 53ET400b
								406 OF 435

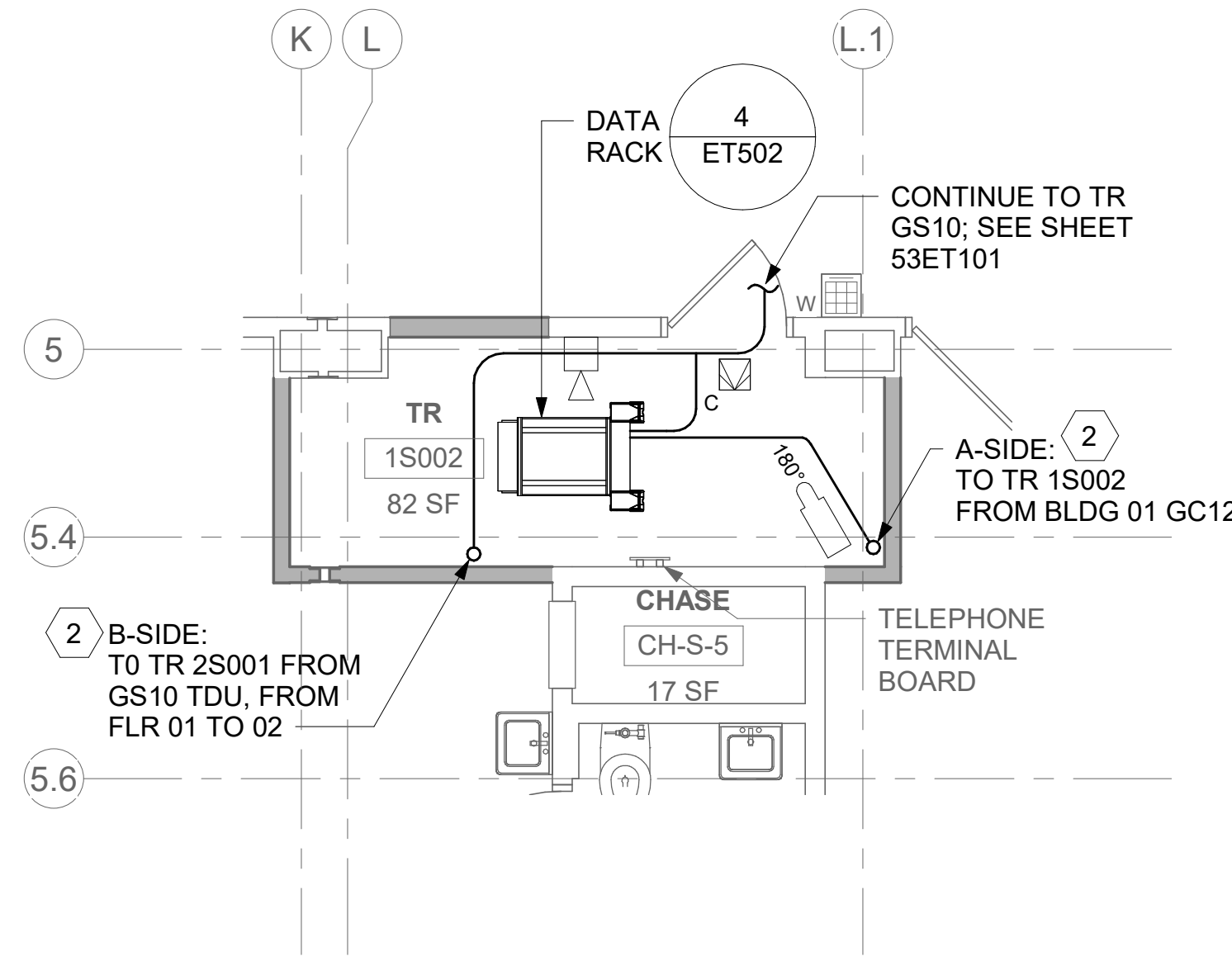




1 RM 1S002 - DEMOLITION FLOOR PLAN  
53ET101 1/4" = 1'-0"



3 RM 1S002 - OVERHEAD PLAN LEVEL 1  
53ET101 1/4" = 1'-0"



2 RM 1S002 - TELECOMMUNICATIONS PLAN  
53ET101 1/4" = 1'-0"

ALL BACKBONE CABLING ROUTES ARE  
DIAGRAMMATICAL; CONTRACTOR SHALL  
ENSURE A-SIDE AND B-SIDE ROUTING IS  
AS DIVERSE AS PRACTICAL. REFERENCE  
COMMUNICATIONS DRAWINGS FOR ALL  
REQUIRED FIBER-OPTIC CABLING.

4 NOT USED

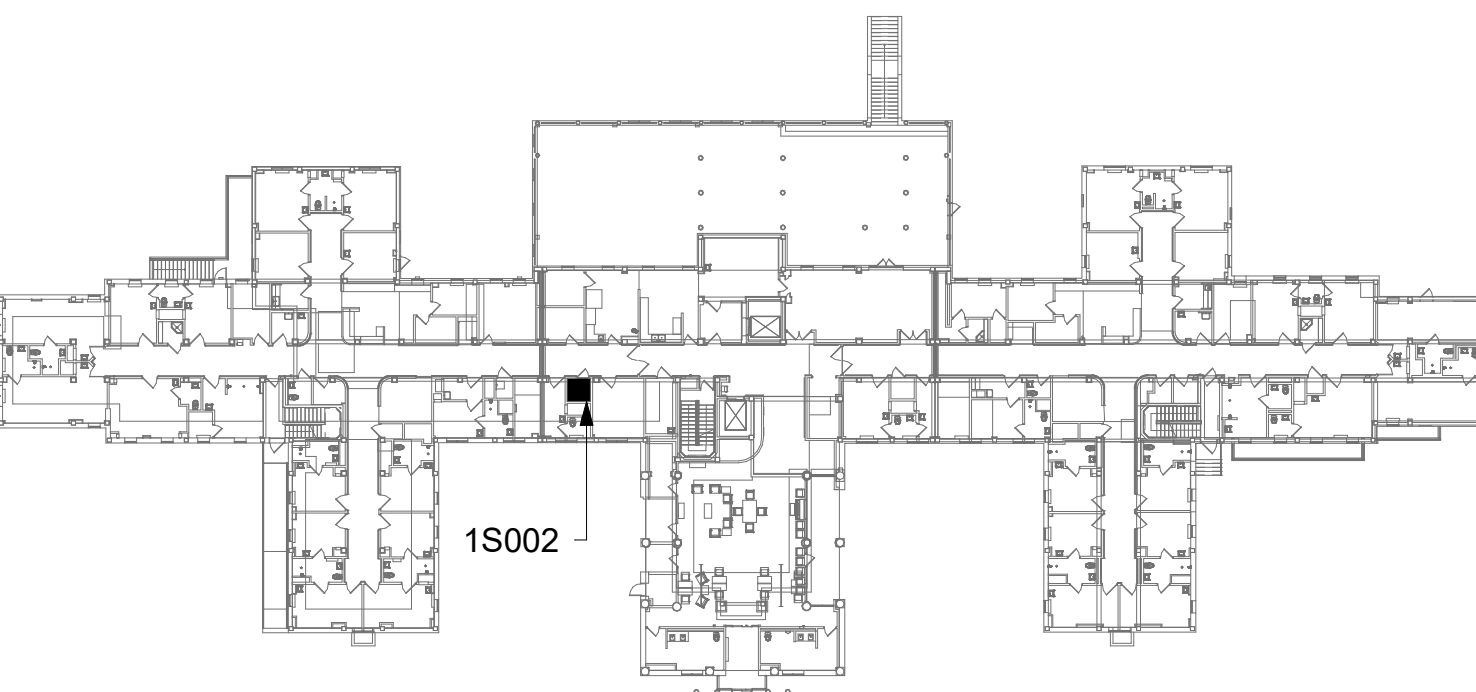
## GENERAL NOTES

- 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.
- 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.
- SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
- ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE UPGRADED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
- TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING. PROVIDE RACEWAYS TO EXTEND TO ASSOCIATED TR.
- A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES, PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
- CONTRACTOR SHALL PROVIDE, INSTALL, AND TERMINATE HORIZONTAL CAT6A CABLING FROM EACH WAO (WORK AREA OUTLET) TO ITS RESPECTIVE TR.
- PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
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## KEY NOTES

- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
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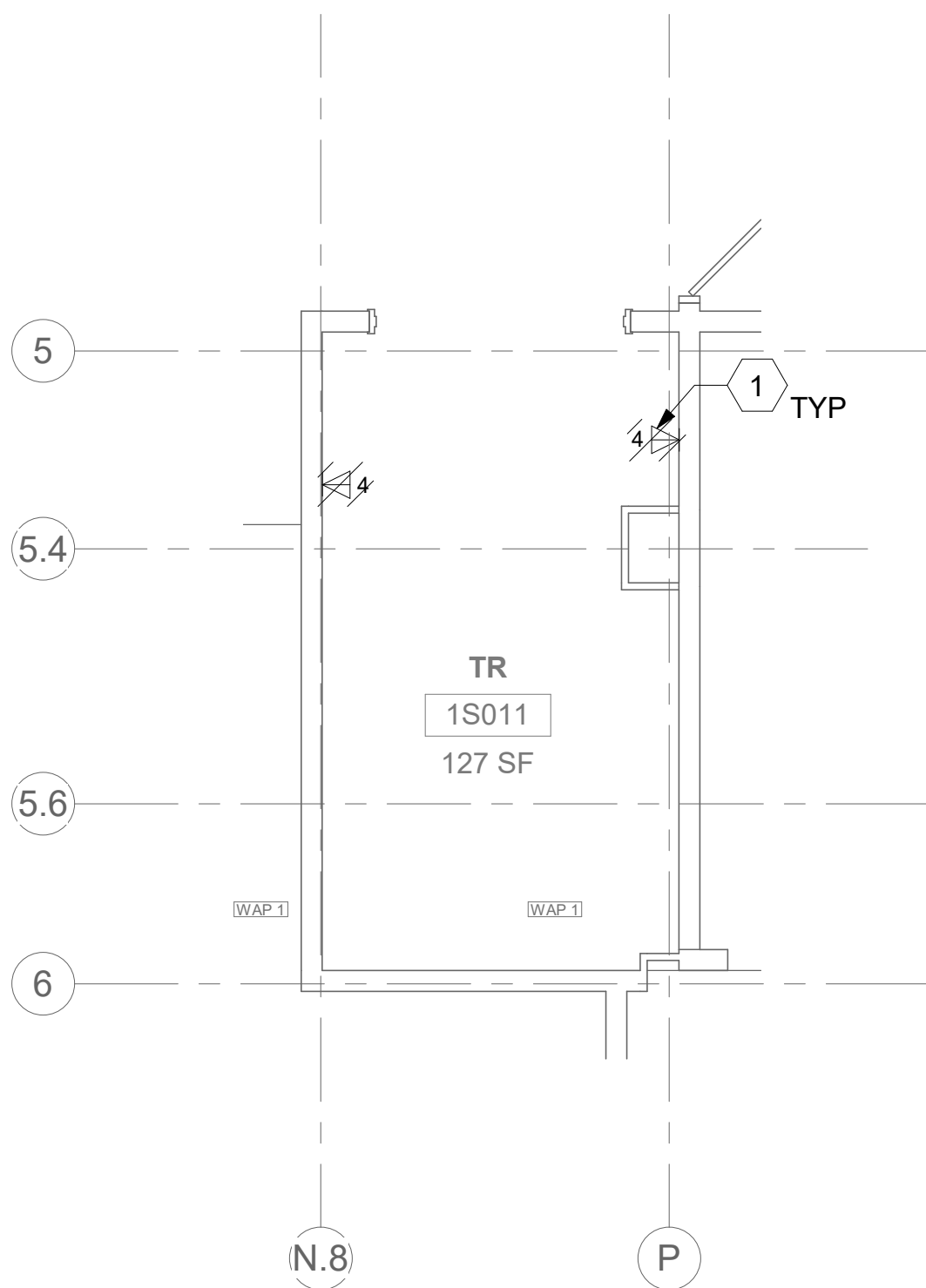
## KEY PLAN



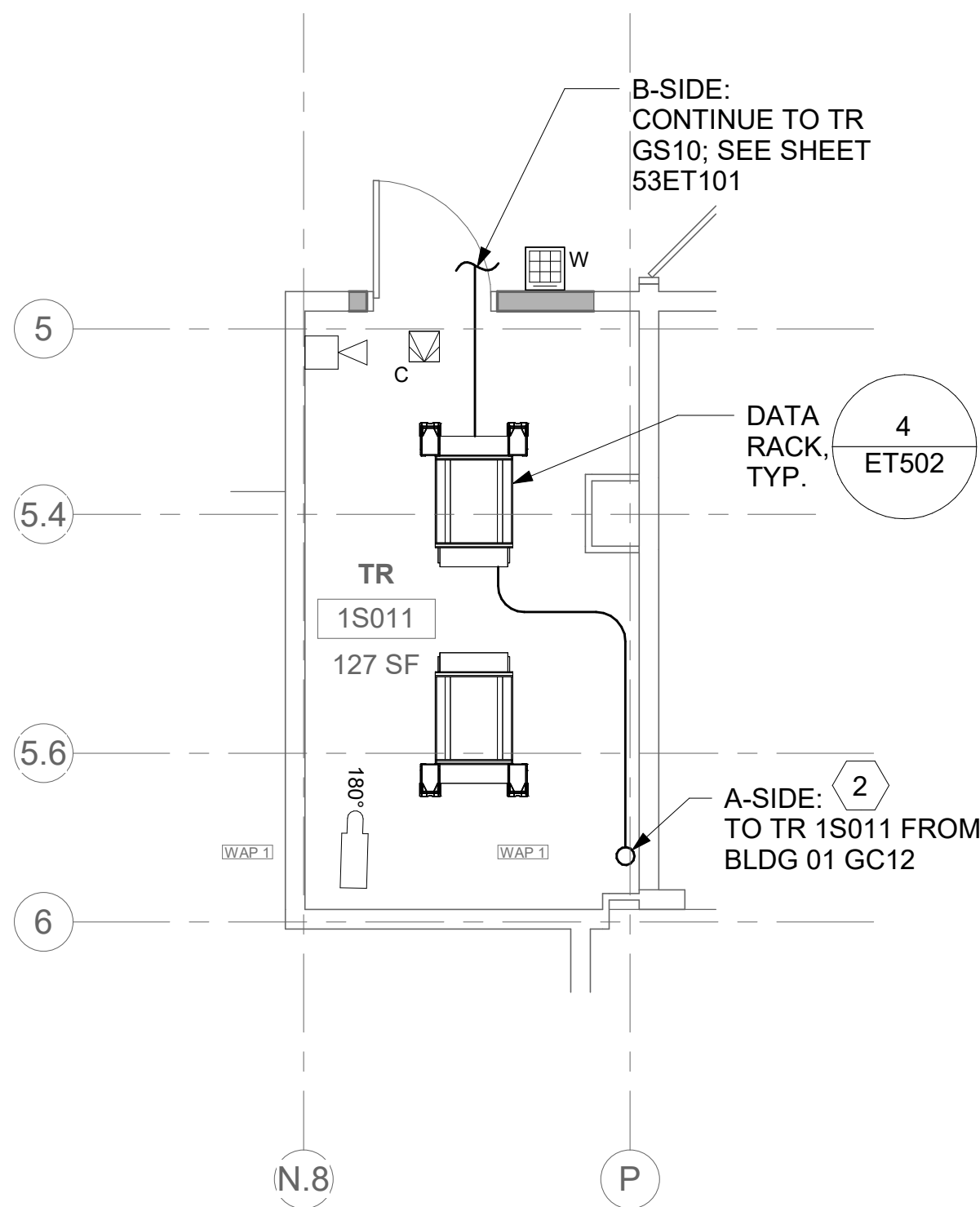
AREA OF WORK

		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title BLDG 53 - FLOOR 1 - ENLARGED TELECOMMUNICATIONS 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				 U.S. Department of Veterans Affairs		Approved:				Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO		Building Number 53	
				 SPEESDESIGNBUILD								FULLY SPRINKLERED		Issue Date 03/31/2022		Drawing Number 53ET401a	
														Checked LRL/WM		407 OF 435	
Revisions:		Date:												Drawn JGE/JBB			

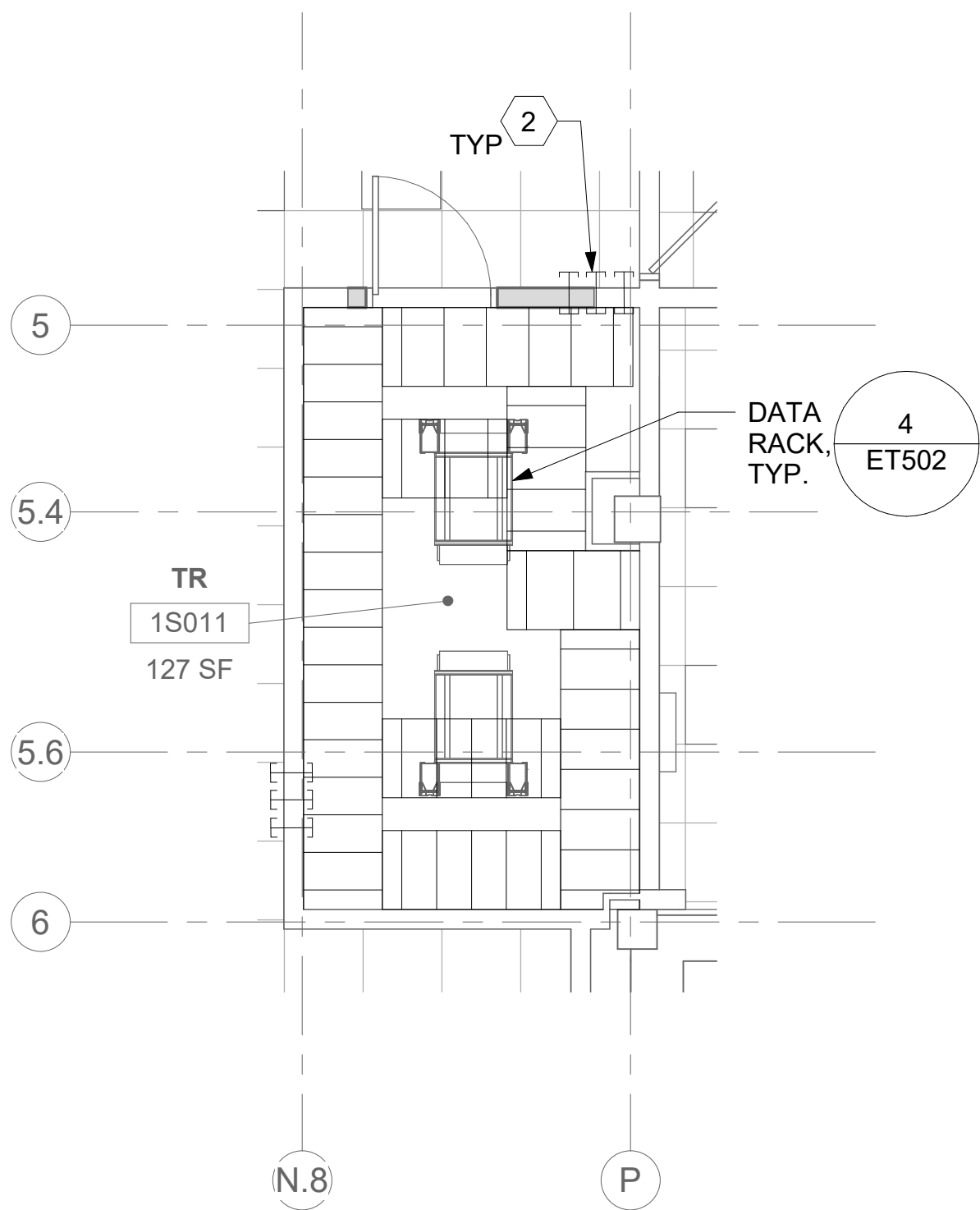




1 RM 1S011 - DEMOLITION FLOOR PLAN  
53ET101 1/4" = 1'-0" PROJECT NORTH



2 RM 1S011 - TELECOMMUNICATIONS PLAN  
53ET101 1/4" = 1'-0" PROJECT NORTH



3 RM 1S011 - OVERHEAD PLAN LEVEL 1  
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4 NOT USED  
- PROJECT NORTH

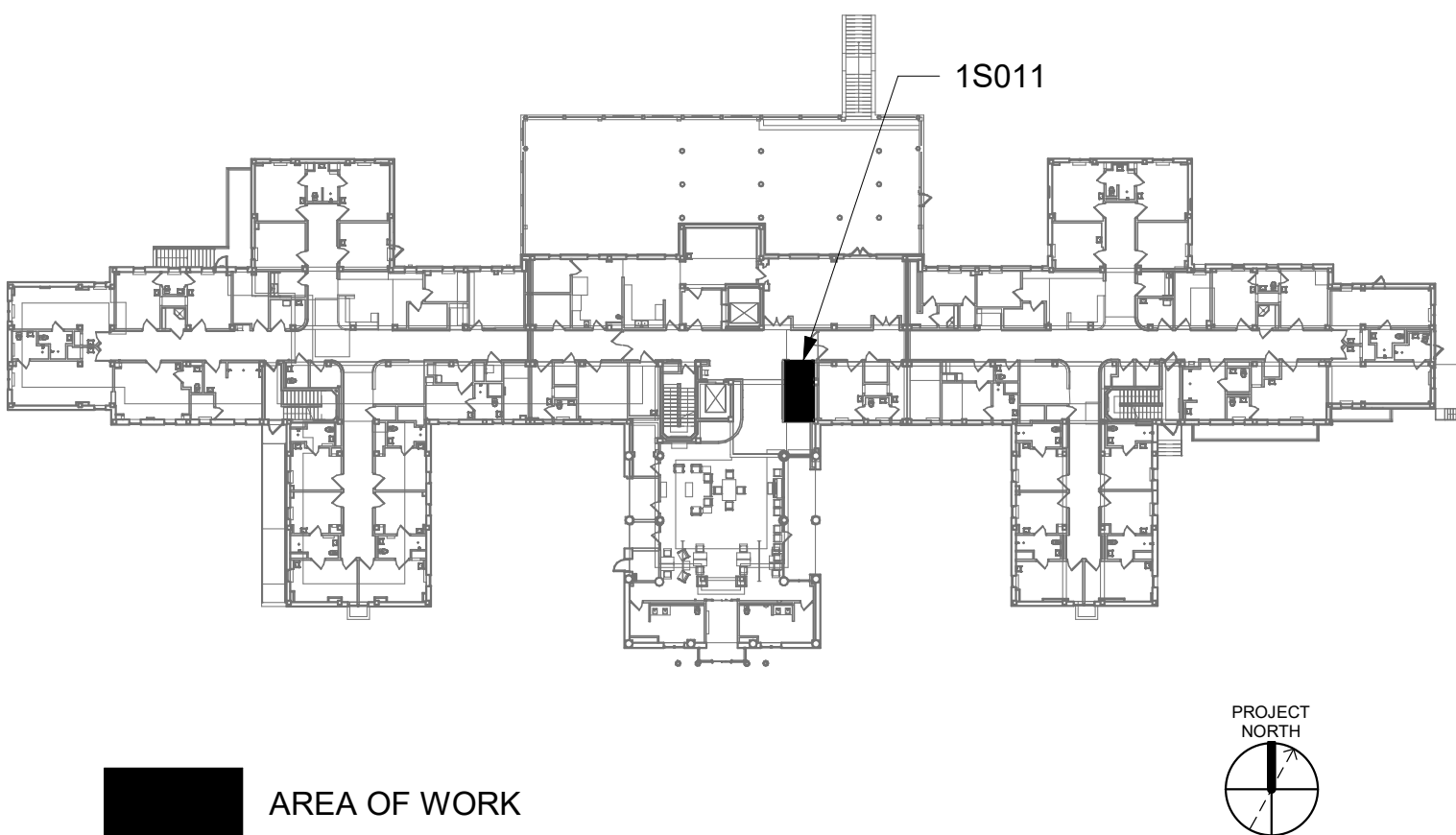
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## KEY PLAN



		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title BLDG 53 - FLOOR 1 - ENLARGED TELECOMMUNICATIONS 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 55081 3-31-23	VA U.S. Department of Veterans Affairs	Approved:	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 53
Revisions:								Issue Date 03/31/2022	Checked LRL/WM
Date:								Drawn JBB	Drawing Number 53ET401b
									408 OF 435