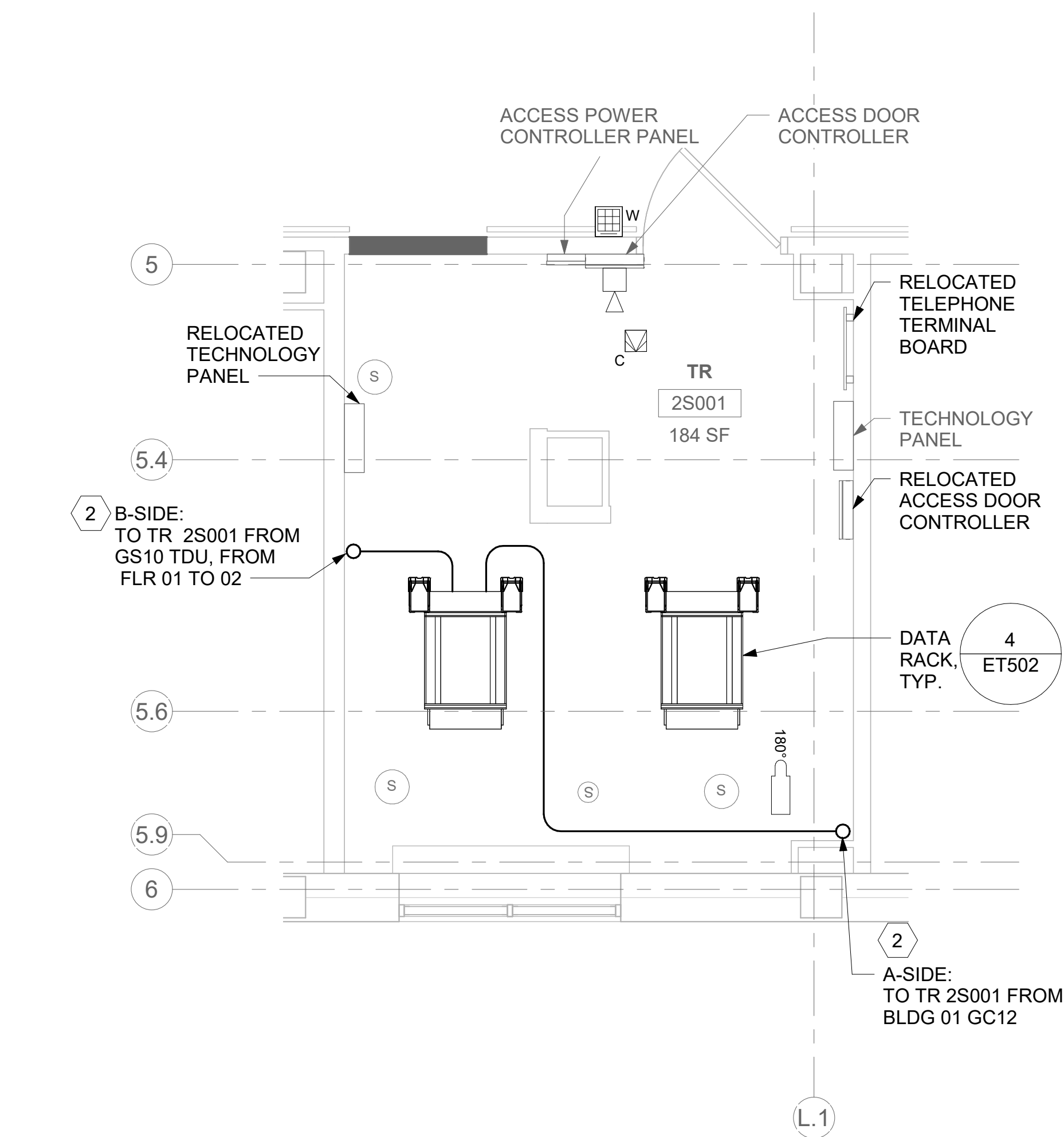
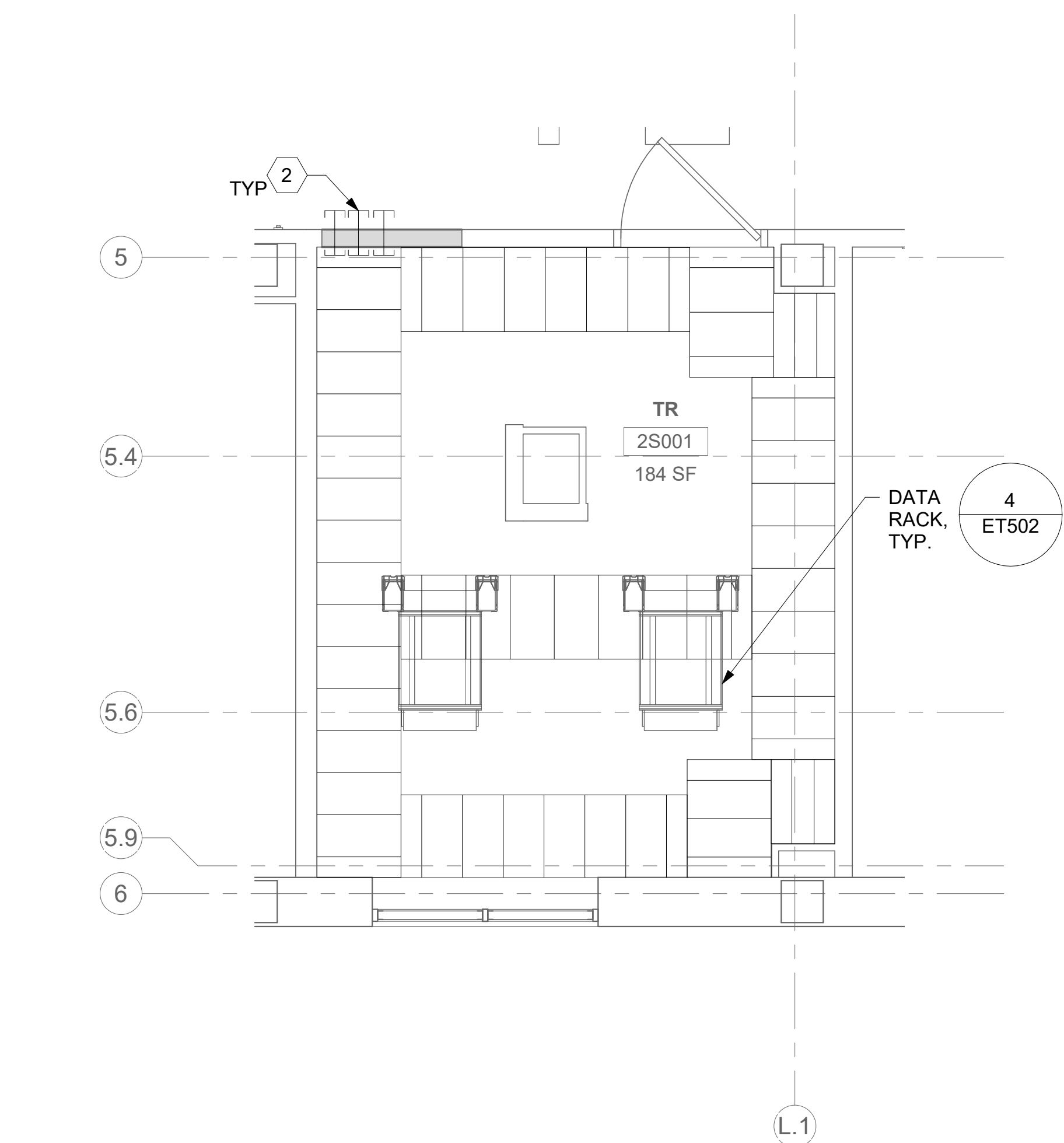


1 RM 2S001 AND 2S002 - DEMOLITION FLOOR PLAN
53ET102 3/8" = 1'-0" PROJECT NORTH



2 RM 2S001 - TELECOMMUNICATIONS PLAN
53ET102 3/8" = 1'-0" PROJECT NORTH



3 RM 2S001 - OVERHEAD PLAN LEVEL 1
53ET102 3/8" = 1'-0" PROJECT NORTH

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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.

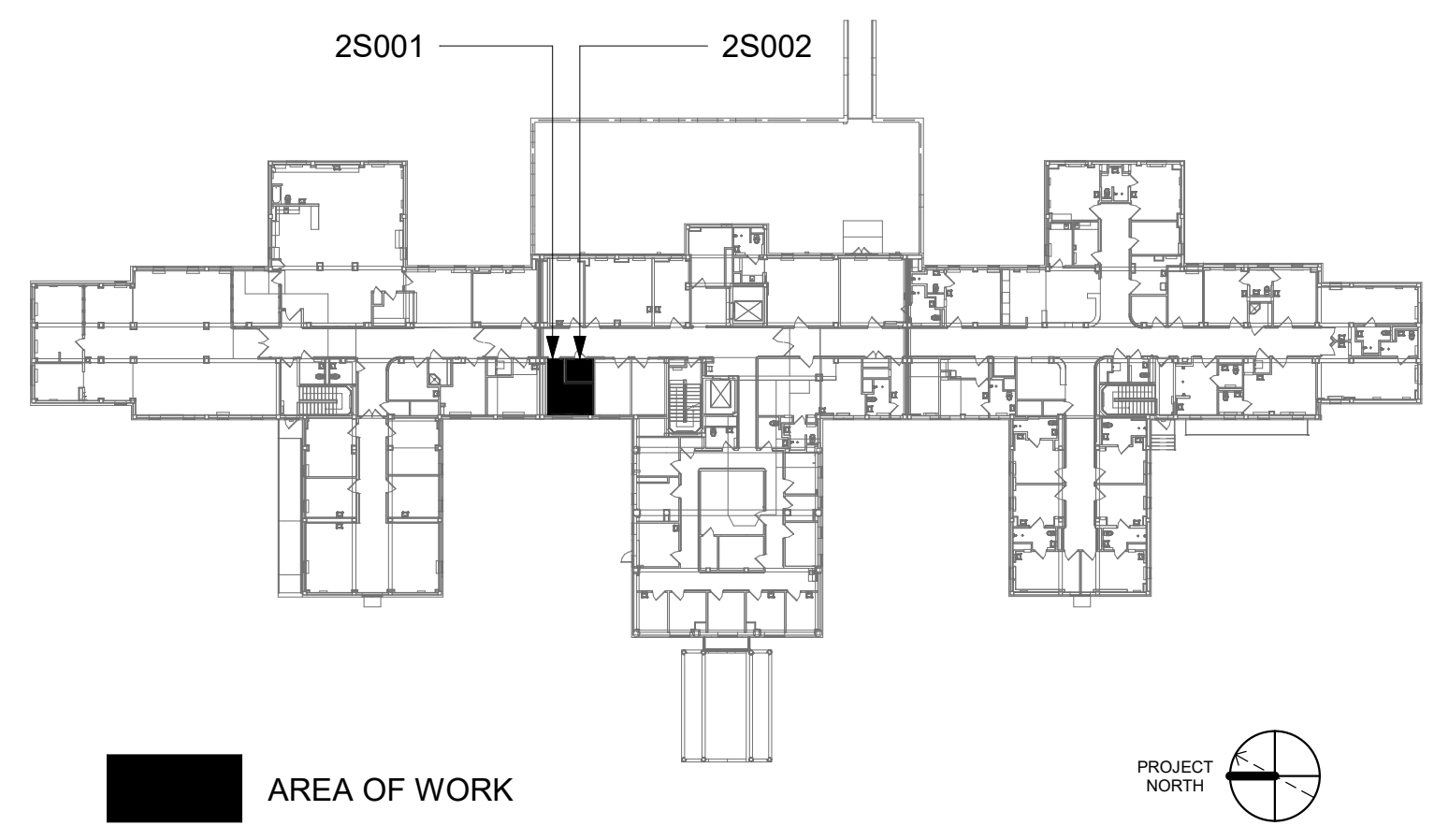
GENERAL NOTES

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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.
- 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.
- 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.
- 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.
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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.

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.
- EXISTING EQUIPMENT TO BE RELOCATED AS SHOWN IN DETAIL '2' ON THIS SHEET. EXTEND ALL EXISTING RACEWAYS AND CONDUCTORS/CABLING AS REQUIRED.

KEY PLAN



Revisions:		Date:		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
					A/E:		U.S. Department of Veterans Affairs	BLDG 53 - FLOOR 2 - ENLARGED TELECOMMUNICATION PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					SPEES DESIGN BUILD			Approved:		Location	Building Number
					625 1ST AVE, STE 301					ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	53
					SEATTLE, WA 98104					Issue Date	Drawing Number
					(206) 590-2118					03/31/2022	53ET402
					RAY SPEES					Checked	409 OF 435
										LRL/WM	
										JGE/JBB	

1 RM 109 - DEMOLITION FLOOR PLAN

53TET101 1/2" = 1'-0"

0 1' 2' 4'

PROJECT NORTH

2 RM 109 - TELECOMMUNICATIONS PLAN

53TET101 1/2" = 1'-0"

PROJECT NORTH


3 RM 109 - OVERHEAD PLAN LEVEL 1
 53TET101 1/2" = 1'-0"
 

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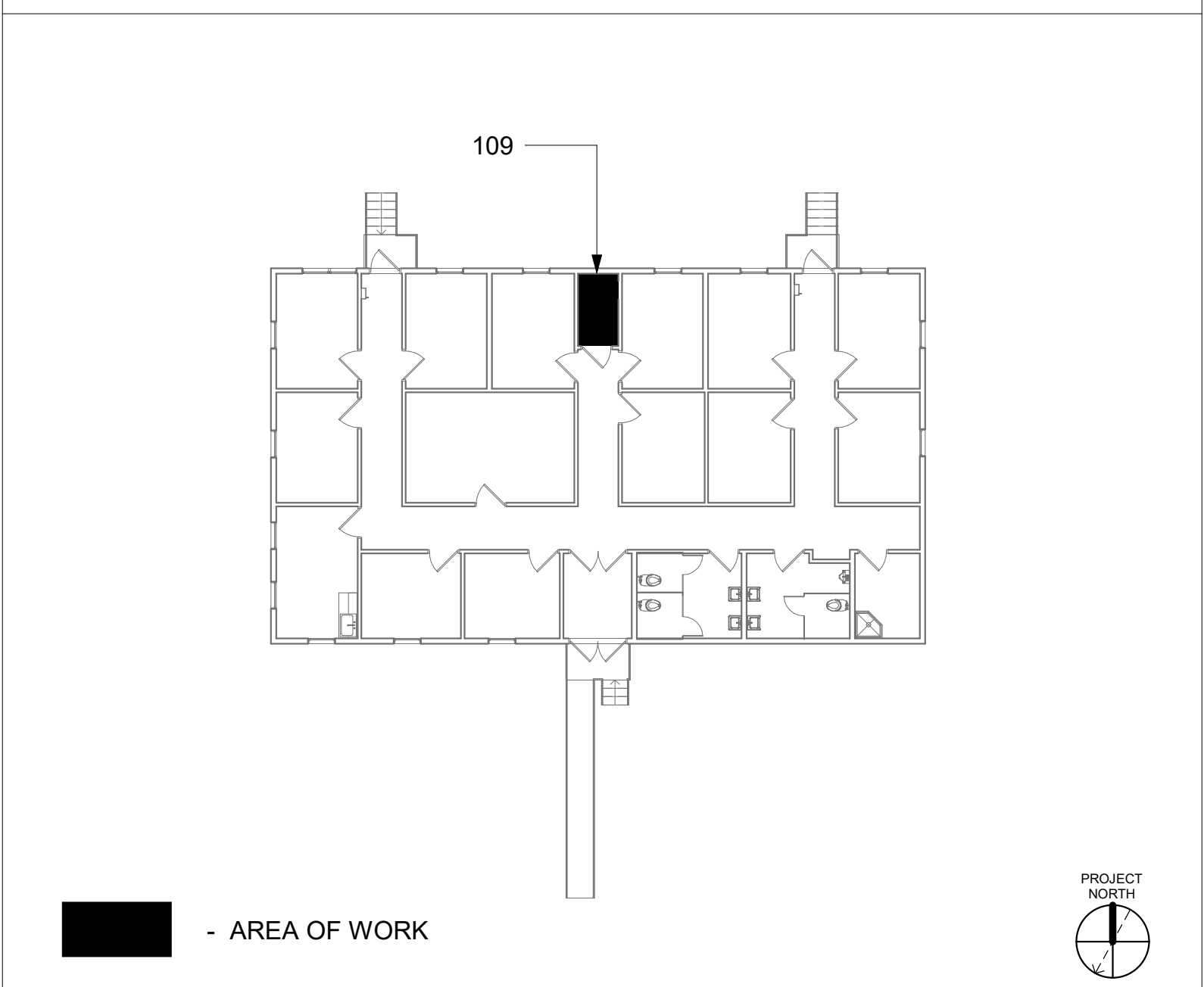
GENERAL NOTES

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2. 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.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 5E AND BELOW SHALL BE UPGRADED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING. PROVIDE RACEWAYS TO EXTEND TO ASSOCIATED TR.
6. 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.
7. PROVIDE 1" CONDUIT FROM NEW BACKBOX TO ACCESSIBLE CEILING SPACE FOR ALL OUTLETS IDENTIFIED AS NEW.
8. 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.
9. 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.
10. OUTLET LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IF FIELD; DOCUMENT VARIANCES ON AS-BUILT DRAWINGS.
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13. ALL TELECOMMUNICATION ROOMS SHALL BE PROVIDED WITH FIRE-RATED PLYWOOD BACKBOARDS. REFERENCE EXACT PLACEMENTS WITH ARCHITECTURE DRAWINGS AS REQUIRED.
14. 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

- 1 EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
- 2 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.
- 3 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.
- 4 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

[illegible]

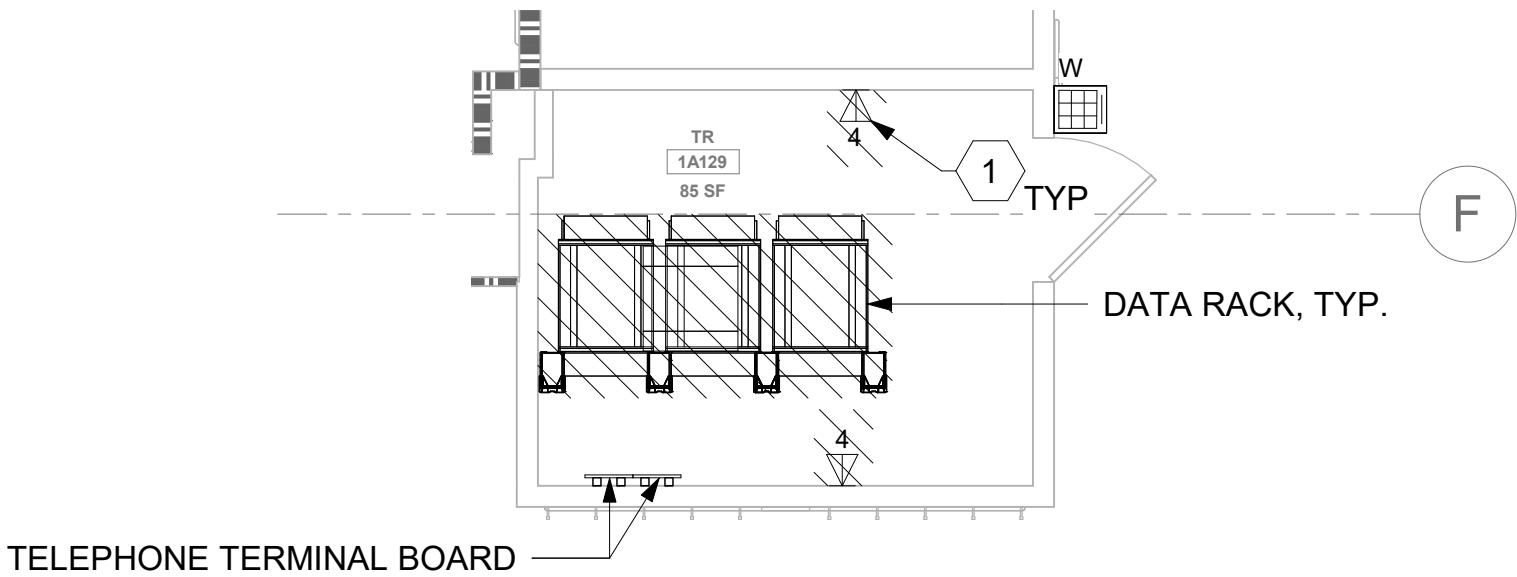
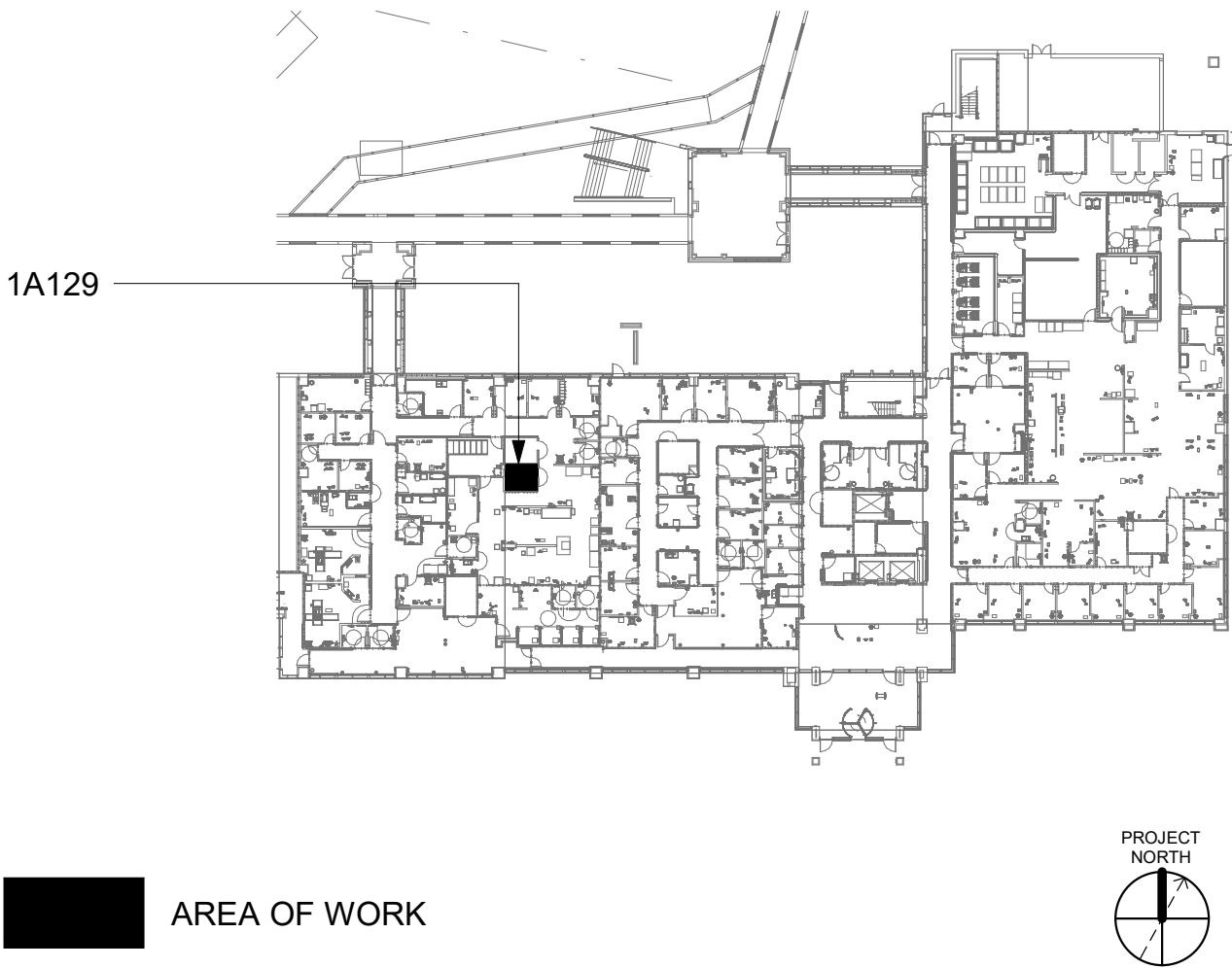
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3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
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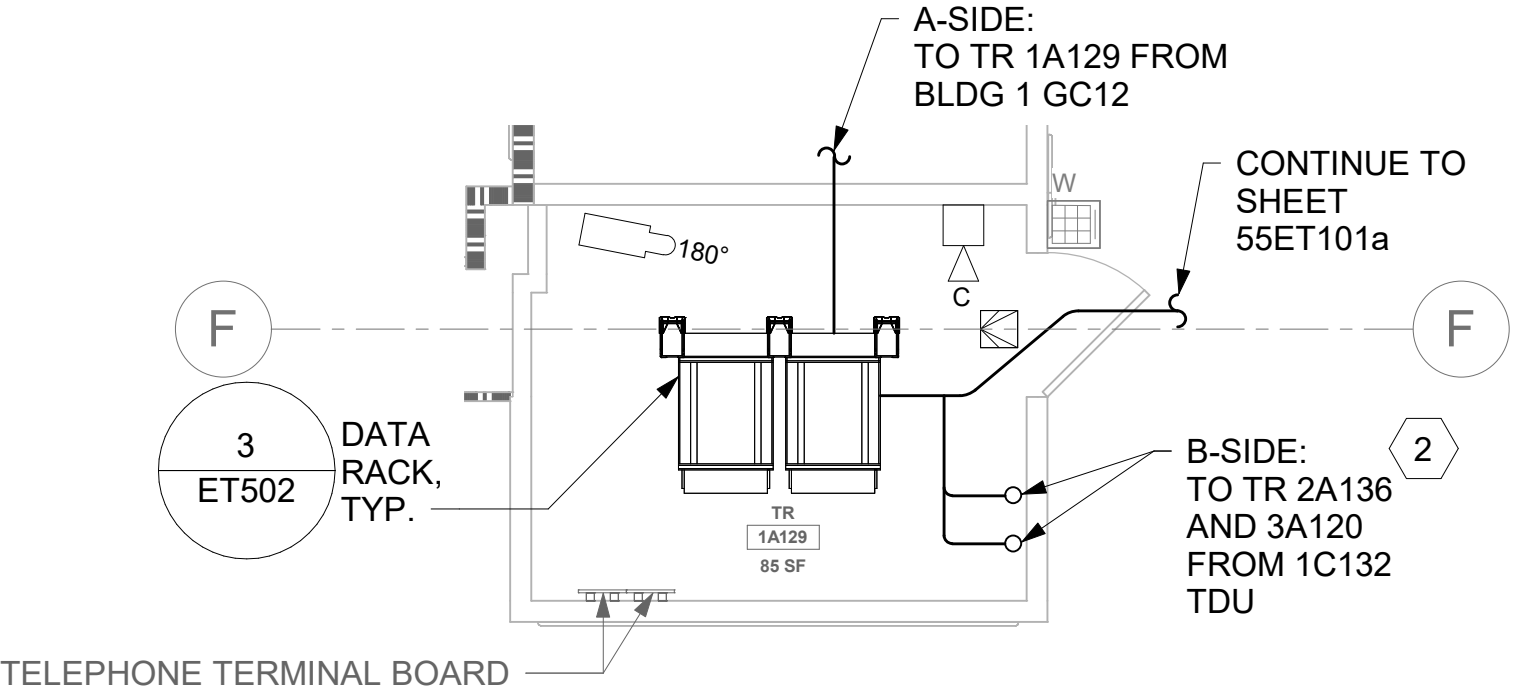
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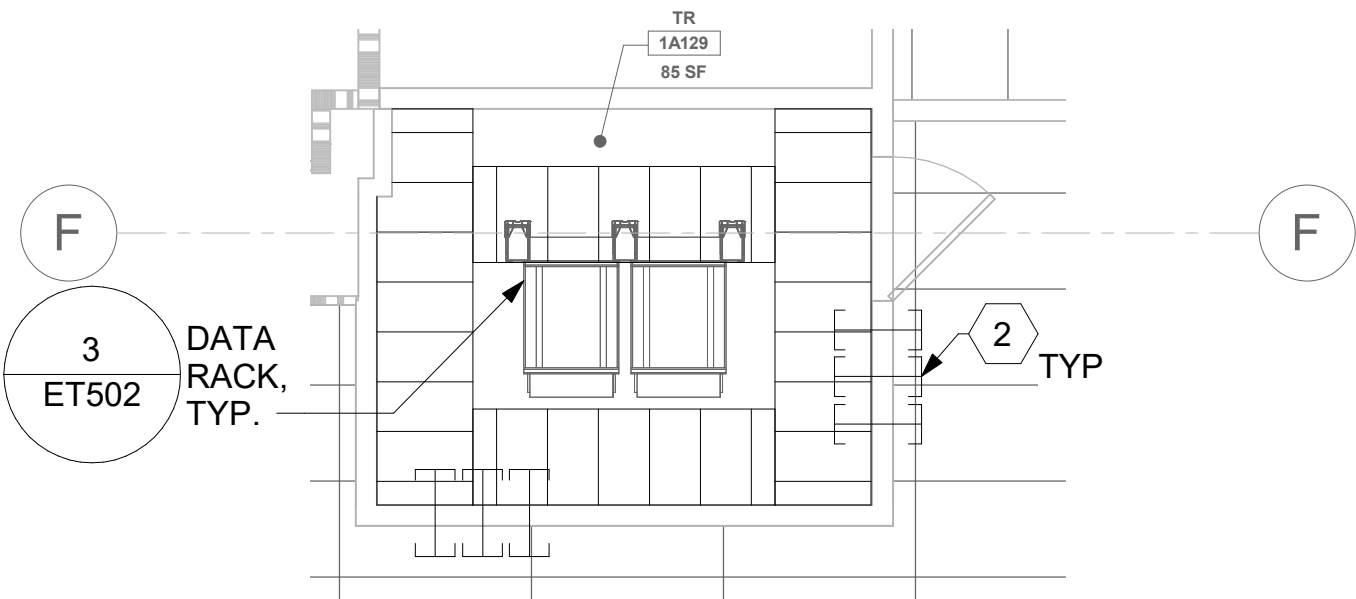
KEY PLAN



1 RM 1A129 - DEMOLITION FLOOR PLAN
55ET101a 1/4" = 1'-0"



2 RM 1A129 - TELECOMMUNICATIONS PLAN
55ET101a 1/4" = 1'-0"



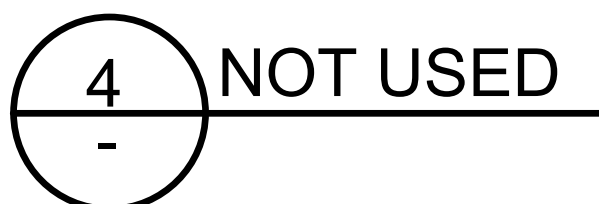
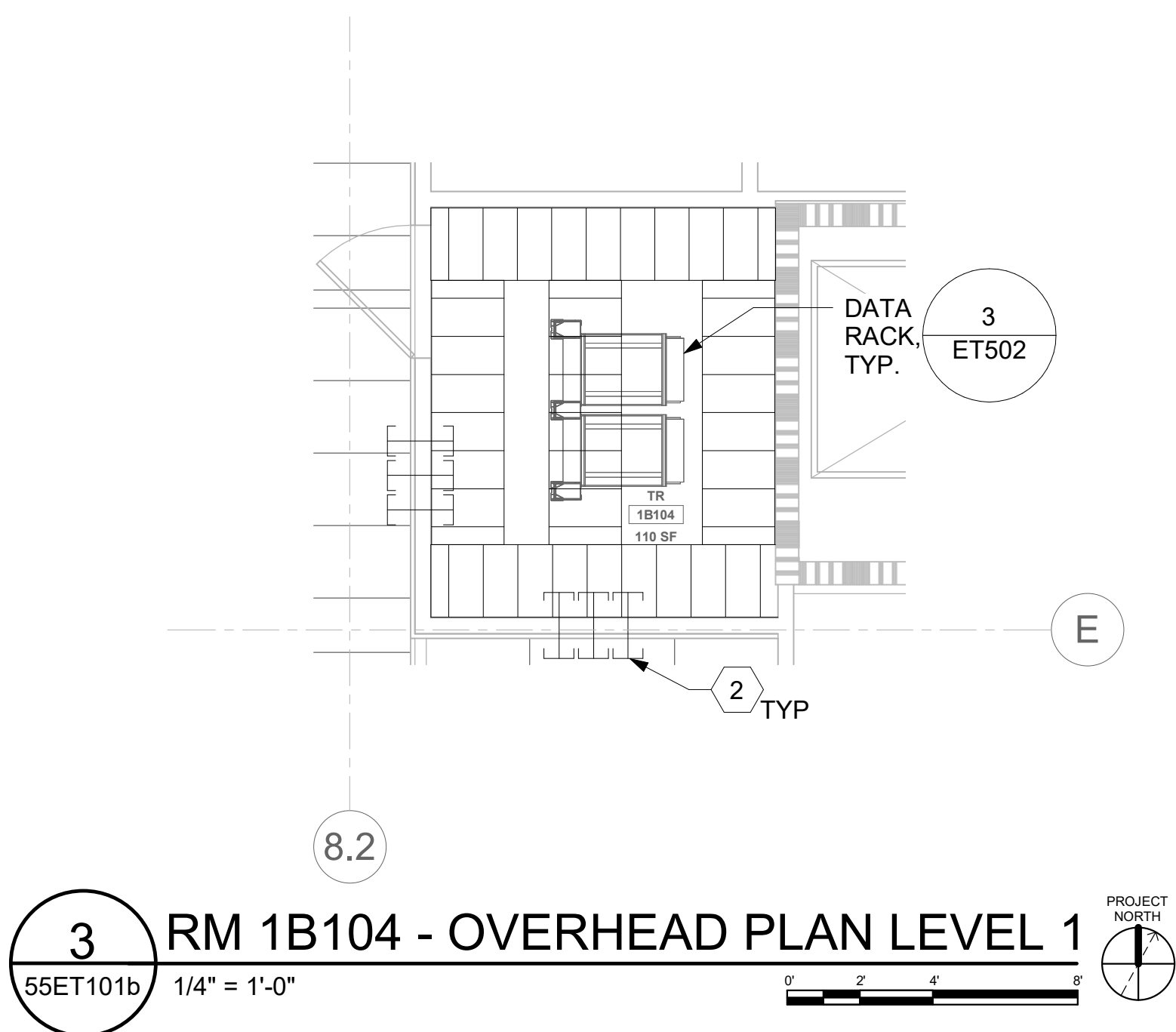
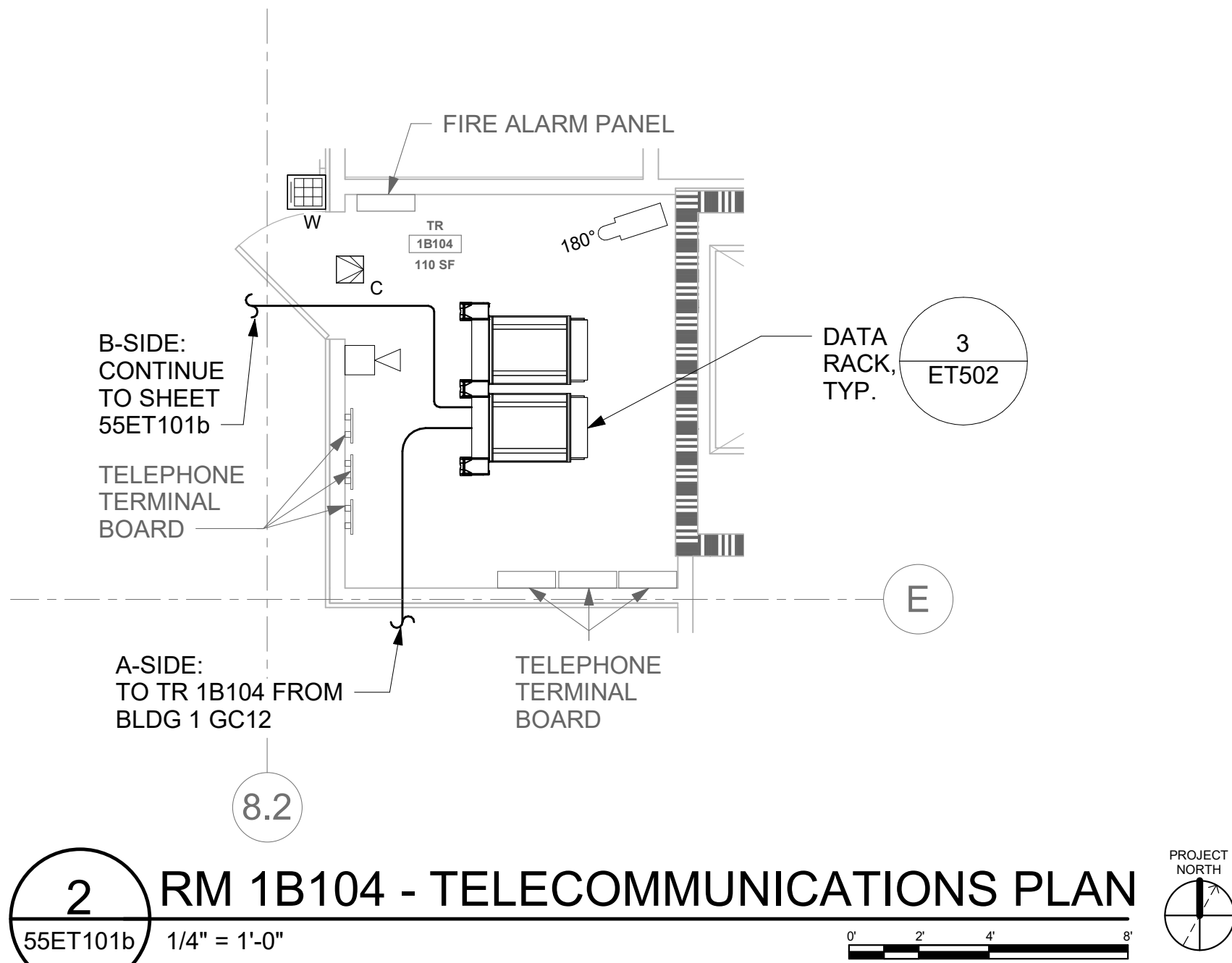
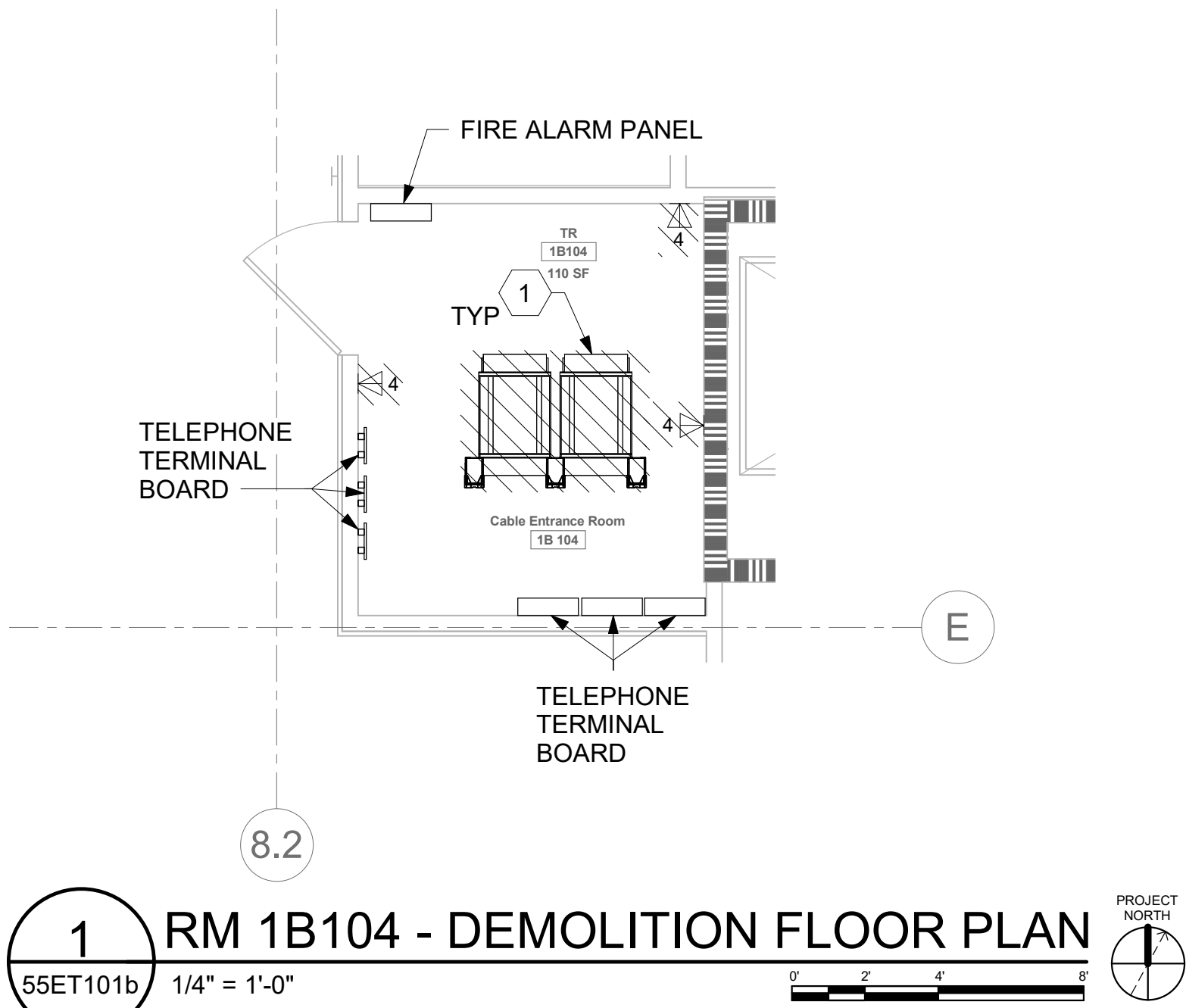
3 RM 1A129 - OVERHEAD PLAN LEVEL 1
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4 NOT USED
-

		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title BLDG 55 - FLOOR 1 - ENLARGED TELECOMMUNICATIONS PLAN	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 3-31-22	VA U.S. Department of Veterans Affairs	Approved:	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 55
Revisions:		Date:						Issue Date 03/31/2022	Checked LRL/WM
								Drawn JGE/JBB	Drawing Number 55ET401a
									411 OF 435

A
B
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F



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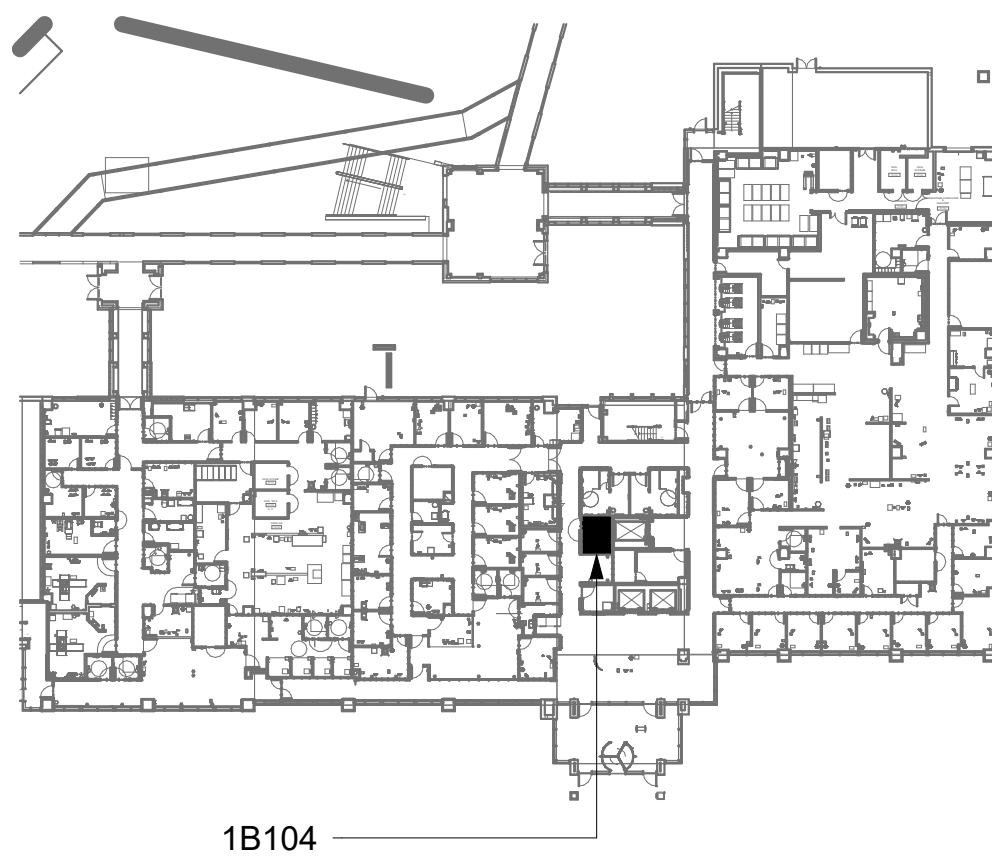
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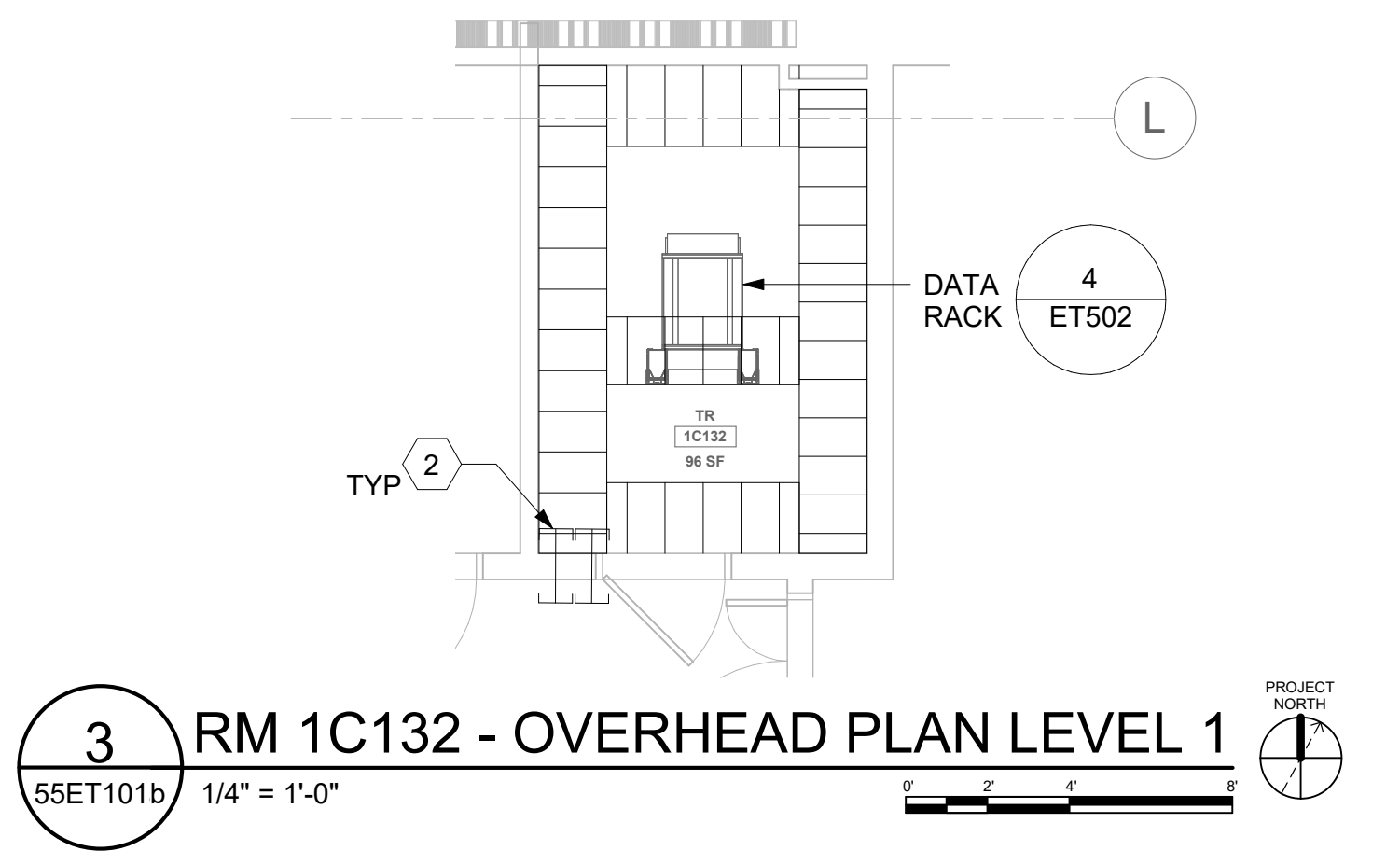
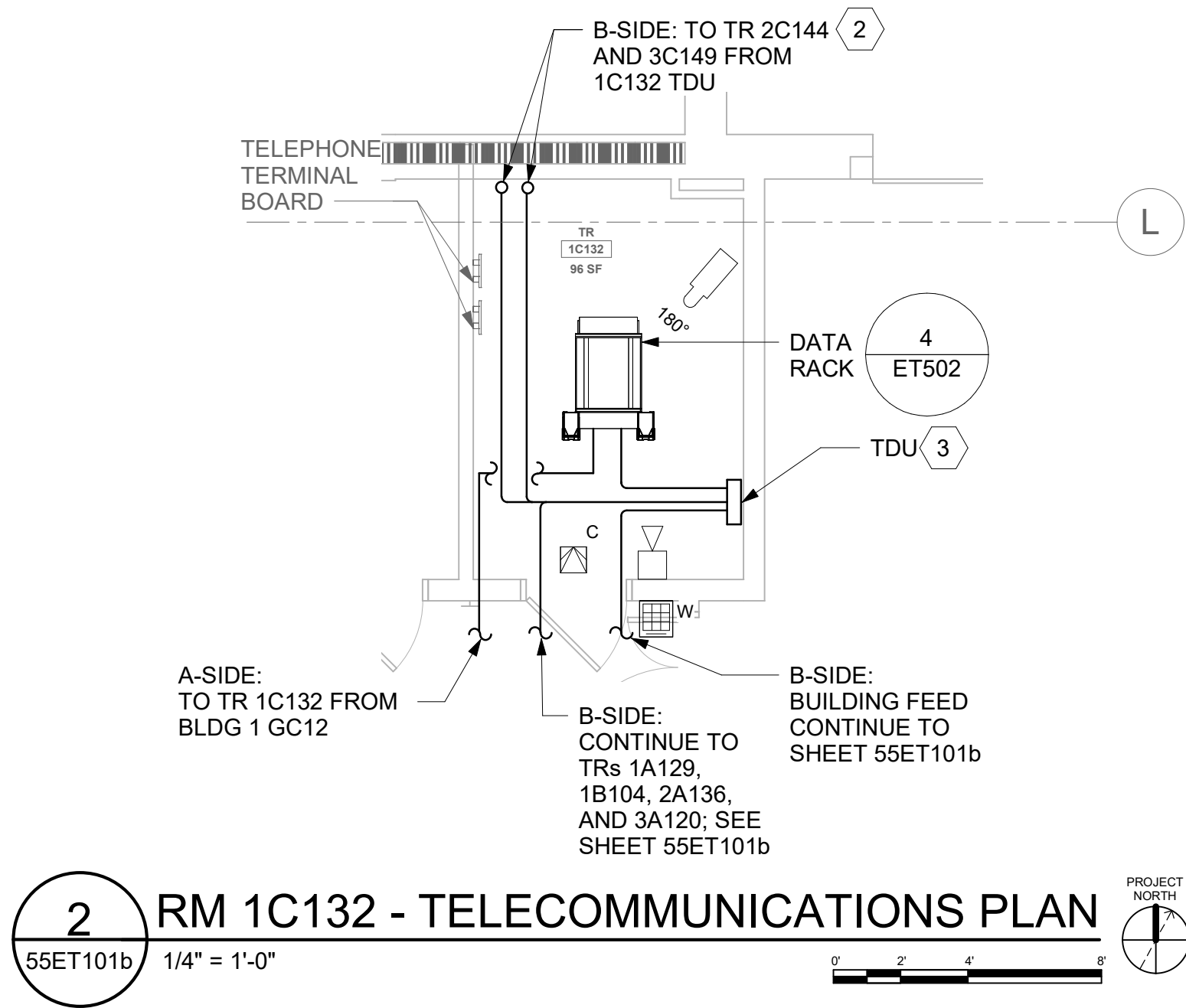
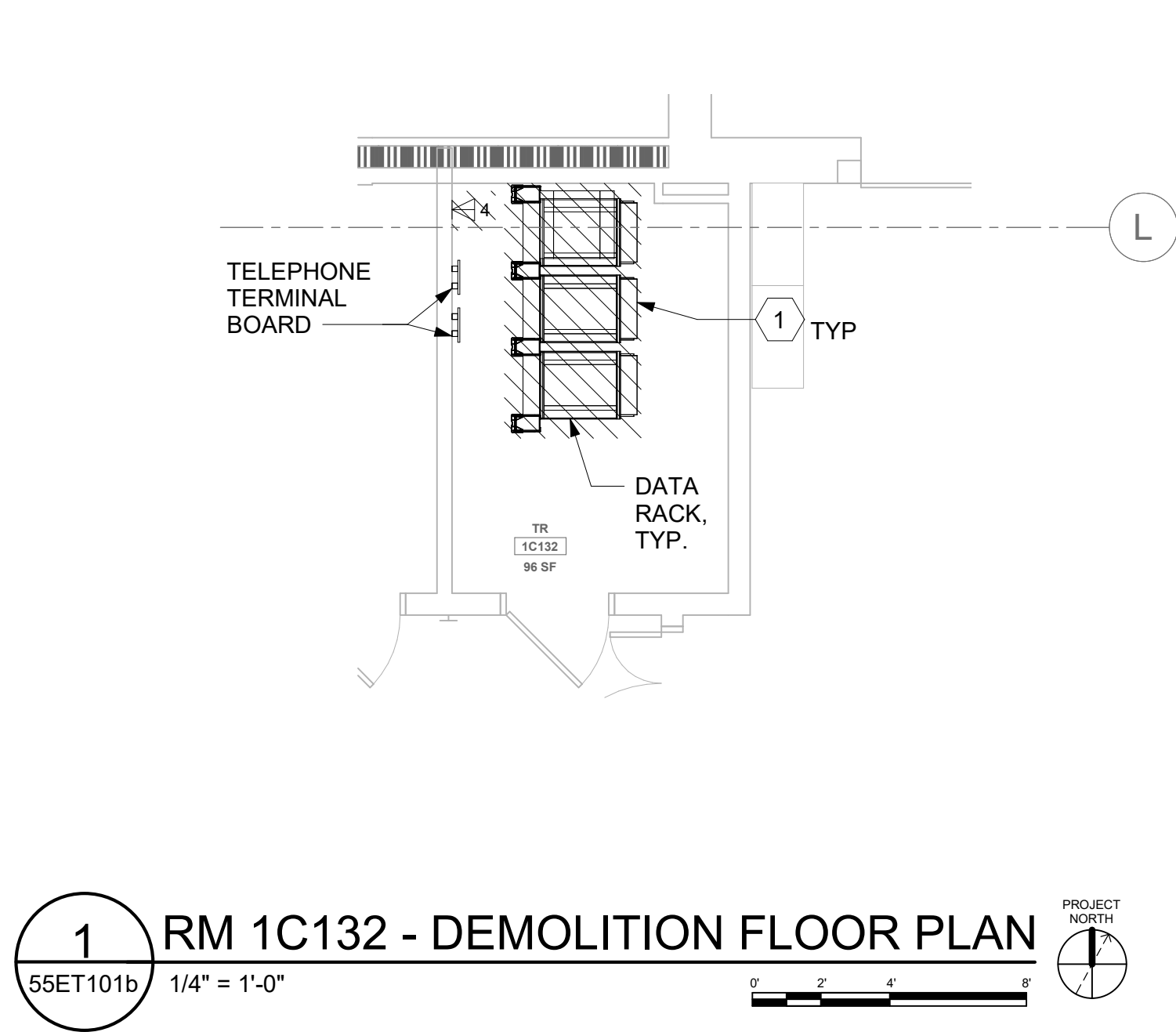
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KEY PLAN



		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title BLDG 55 - FLOOR 1 - ENLARGED TELECOMMUNICATIONS PLAN		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 55	
				 SPEESDESIGNBUILD								FULLY SPRINKLERED		Issue Date 03/31/2022		Drawing Number 55ET401b	
														Checked LRL/WM		412 OF 435	
Revisions:		Date:												Drawn JBB			



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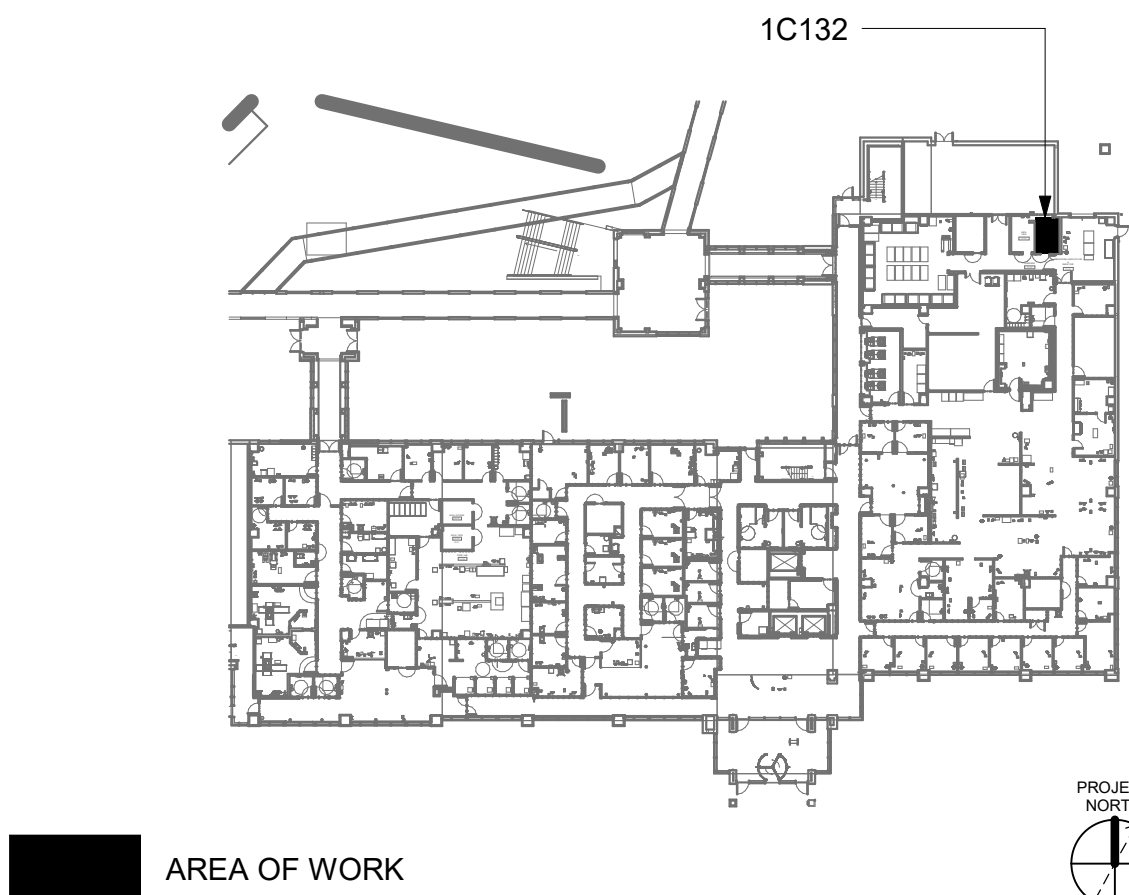
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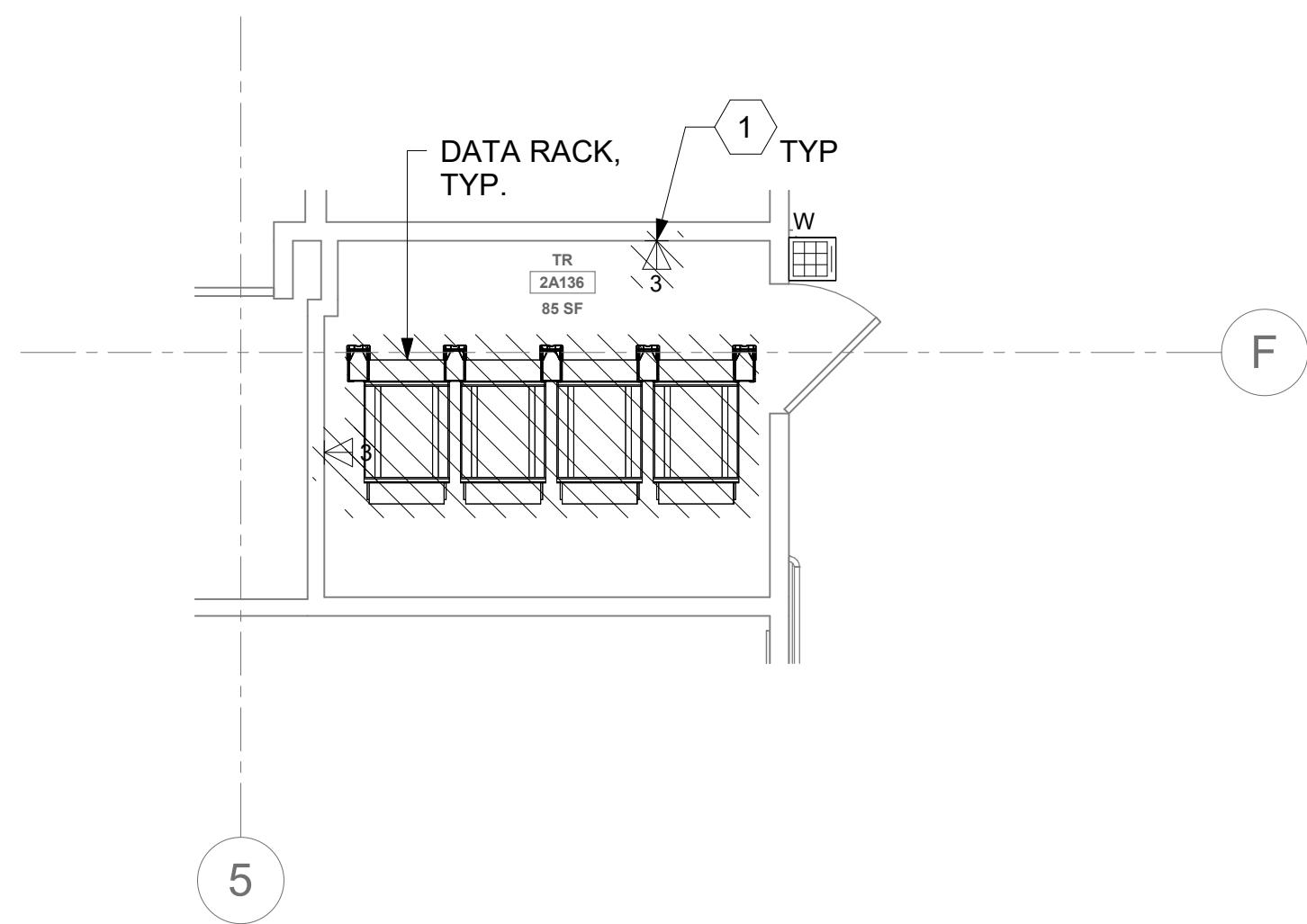
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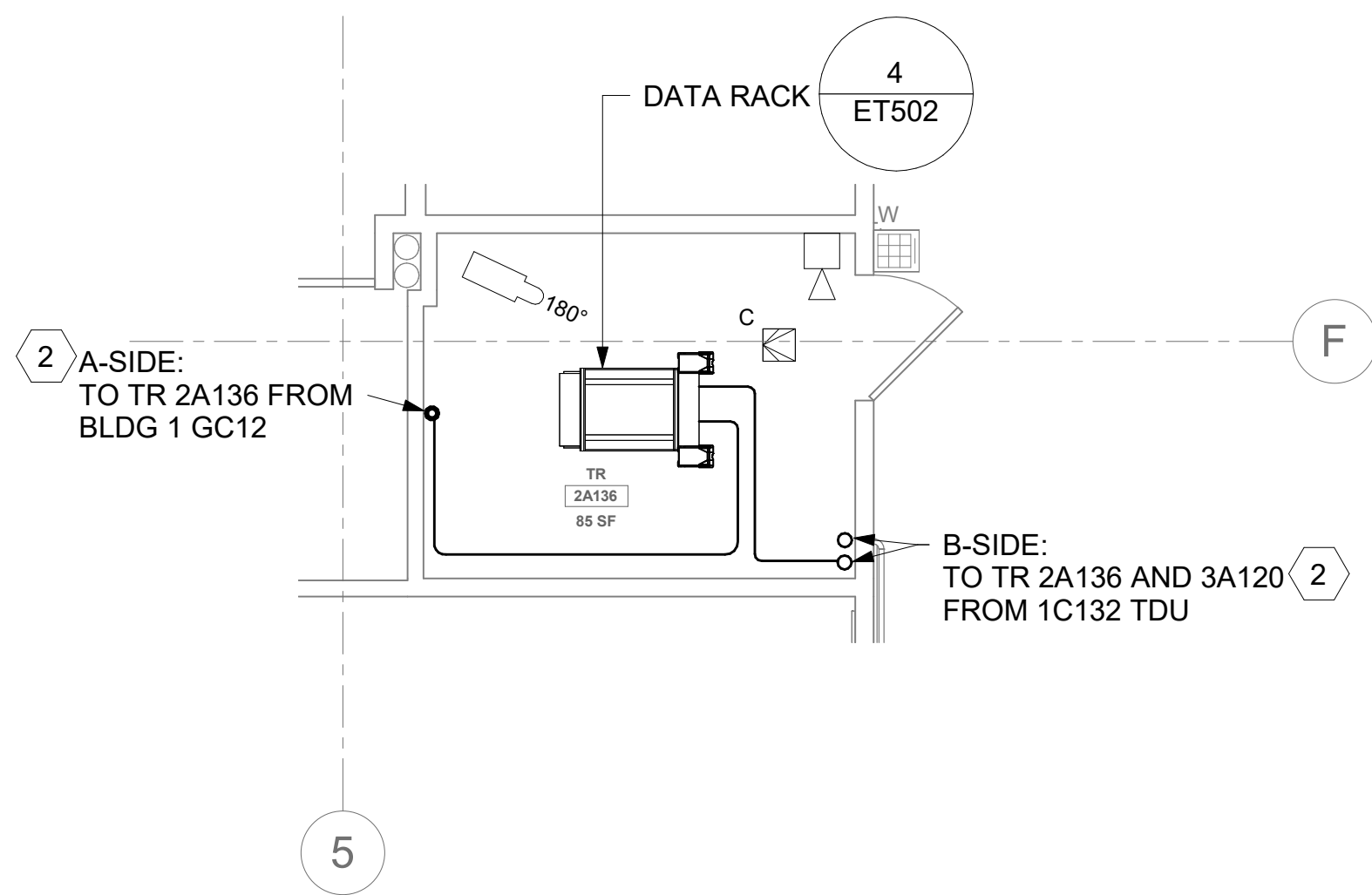
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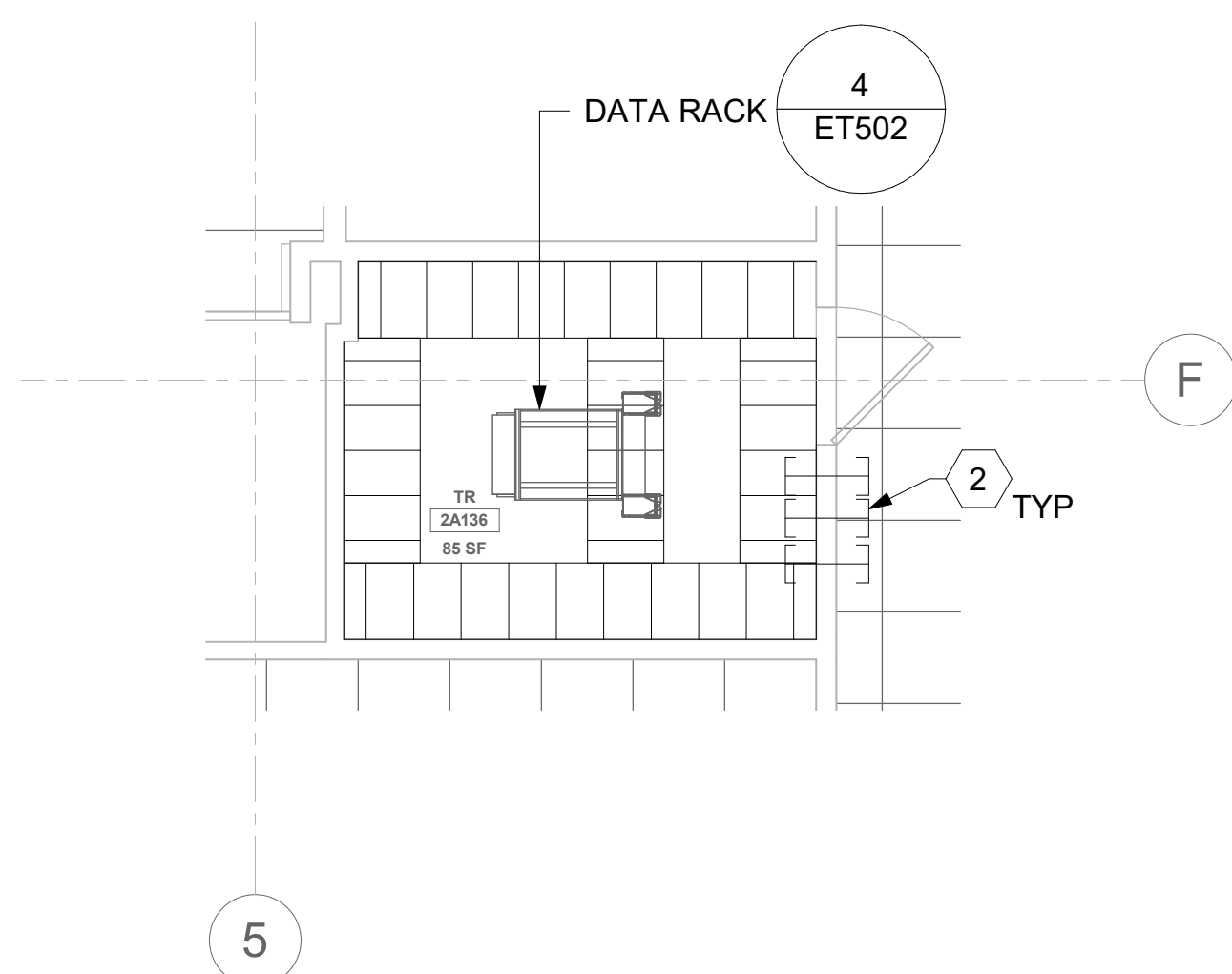
Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES	STAMP STATE OF WASHINGTON LOUIS R. LITZ 55081 3-1-21 REGISTERED PROFESSIONAL ENGINEER	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title BLDG 55 - FLOOR 1 - ENLARGED TELECOMMUNICATIONS PLAN 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 Checker	Drawn Author	Project Number 657-21-701JB Building Number 55 Drawing Number 55ET401c
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1 RM 2A136 - DEMOLITION FLOOR PLAN
55ET102a 1/4" = 1'-0"



2 RM 2A136 TELECOMMUNICATIONS PLAN
55ET102a 1/4" = 1'-0"



3 RM 2A136 - OVERHEAD PLAN LEVEL 1
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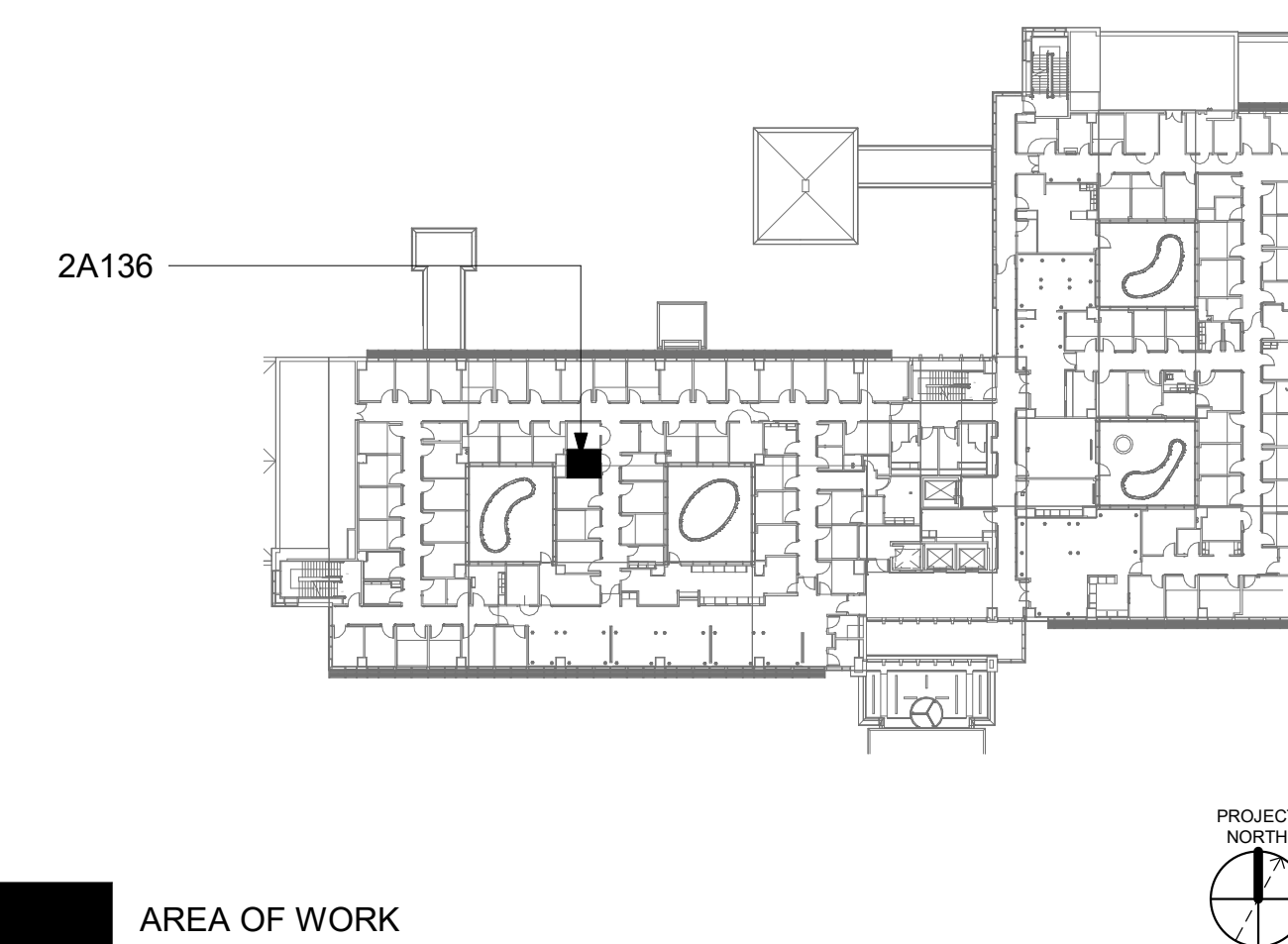
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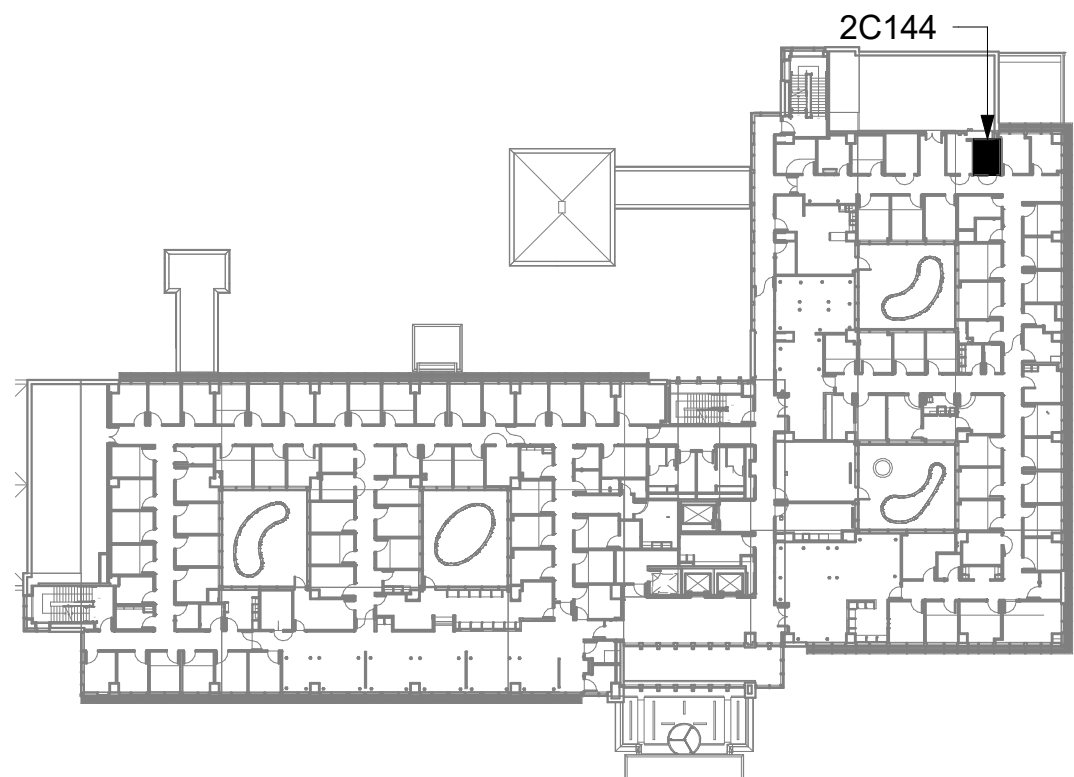
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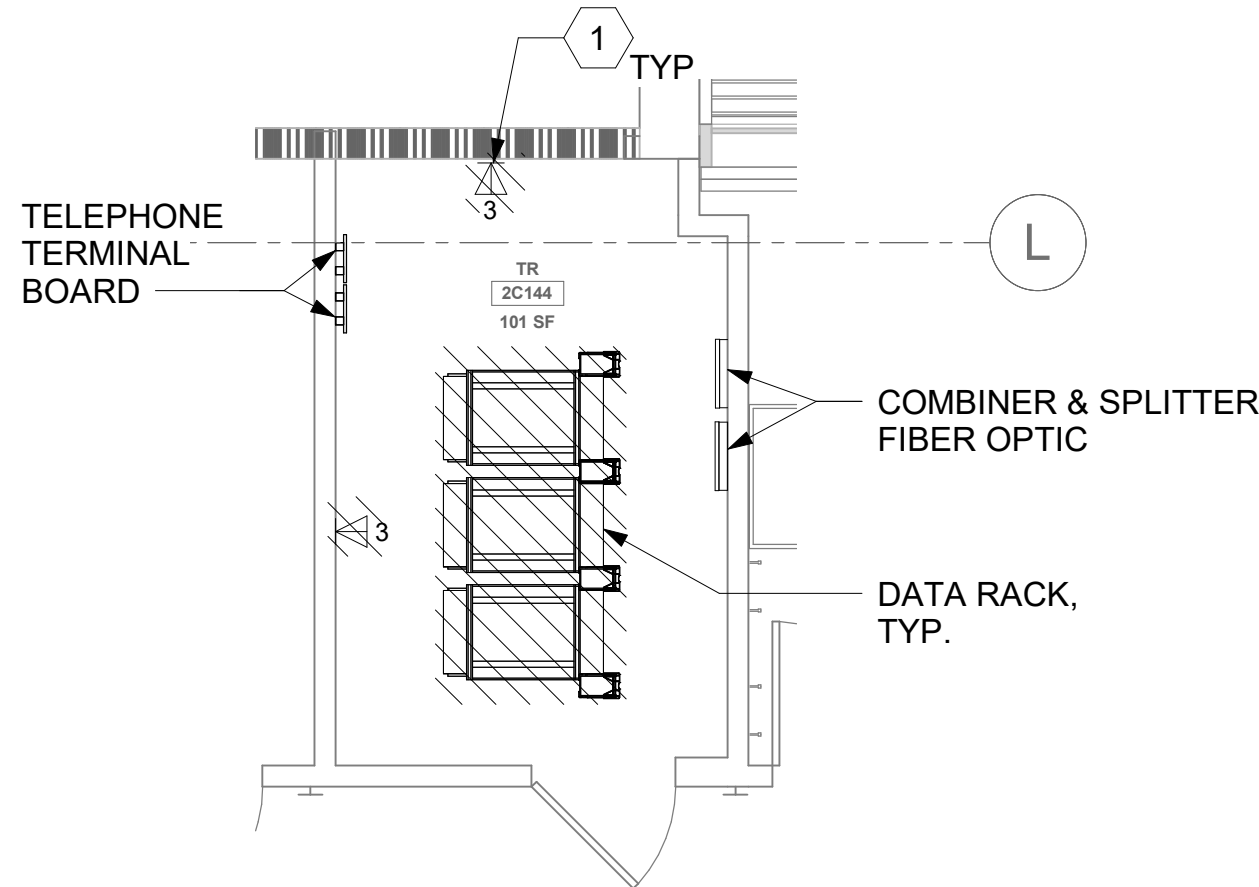
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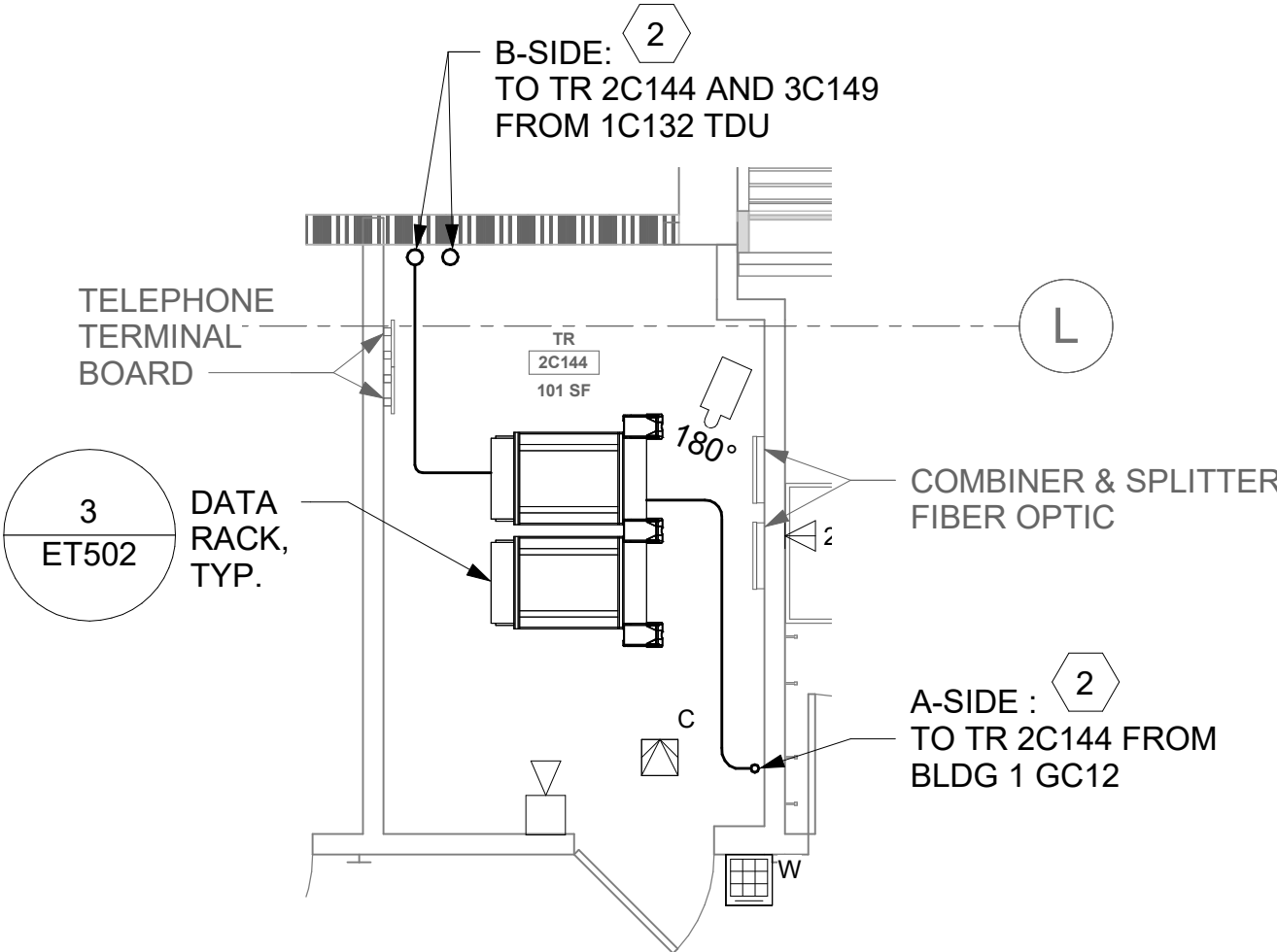
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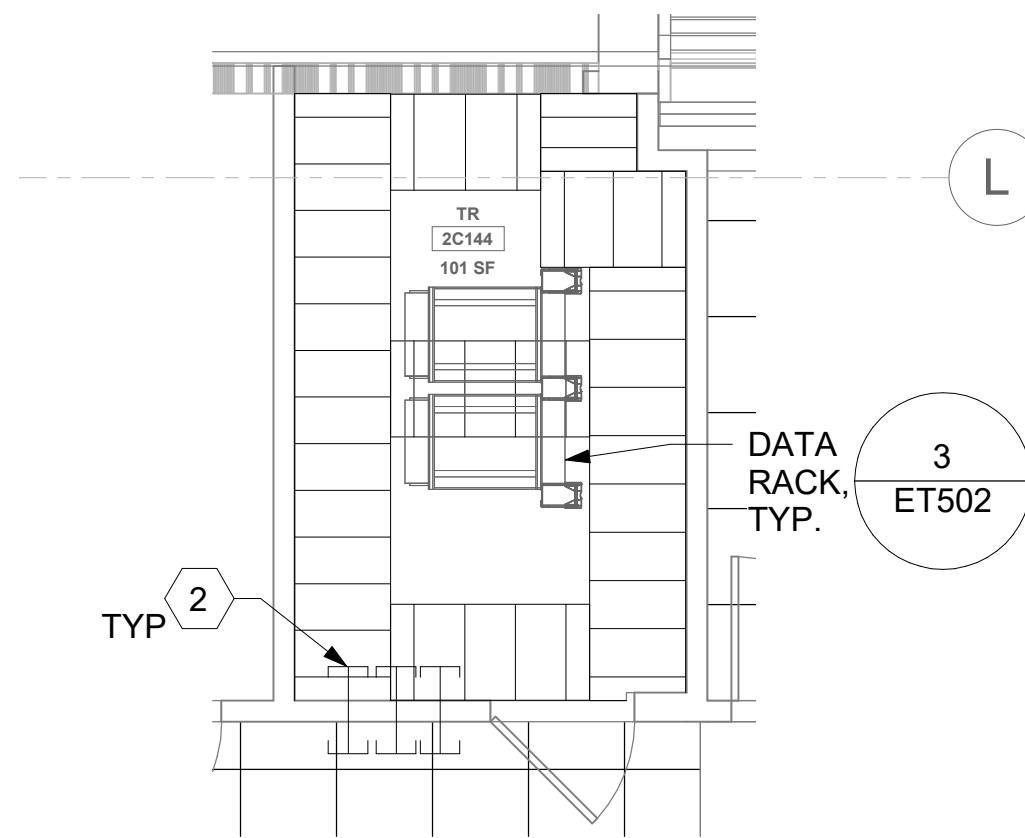
AREA OF WORK



1 RM 2C144 - DEMOLITION FLOOR PLAN
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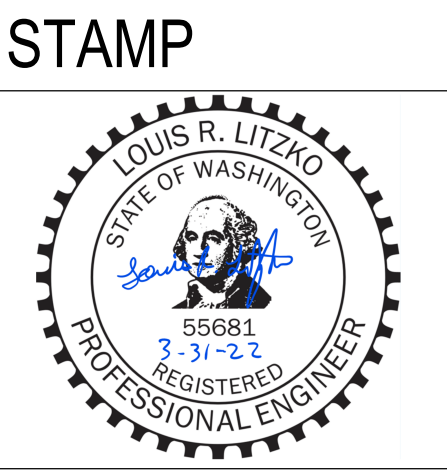
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4 NOT USED

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



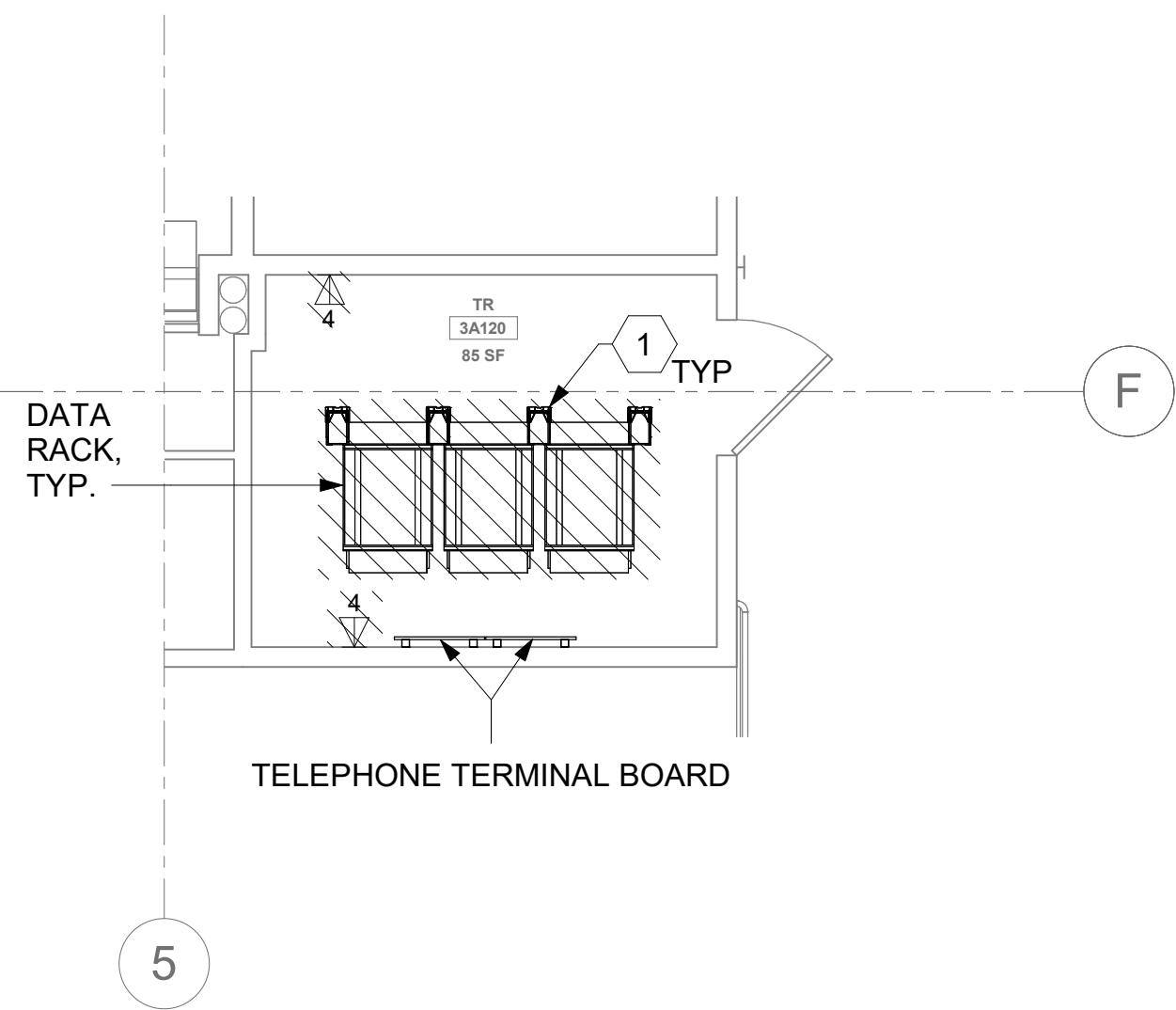
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title BLDG 55 - FLOOR 2 - ENLARGED TELECOMMUNICATIONS PLAN
Approved:

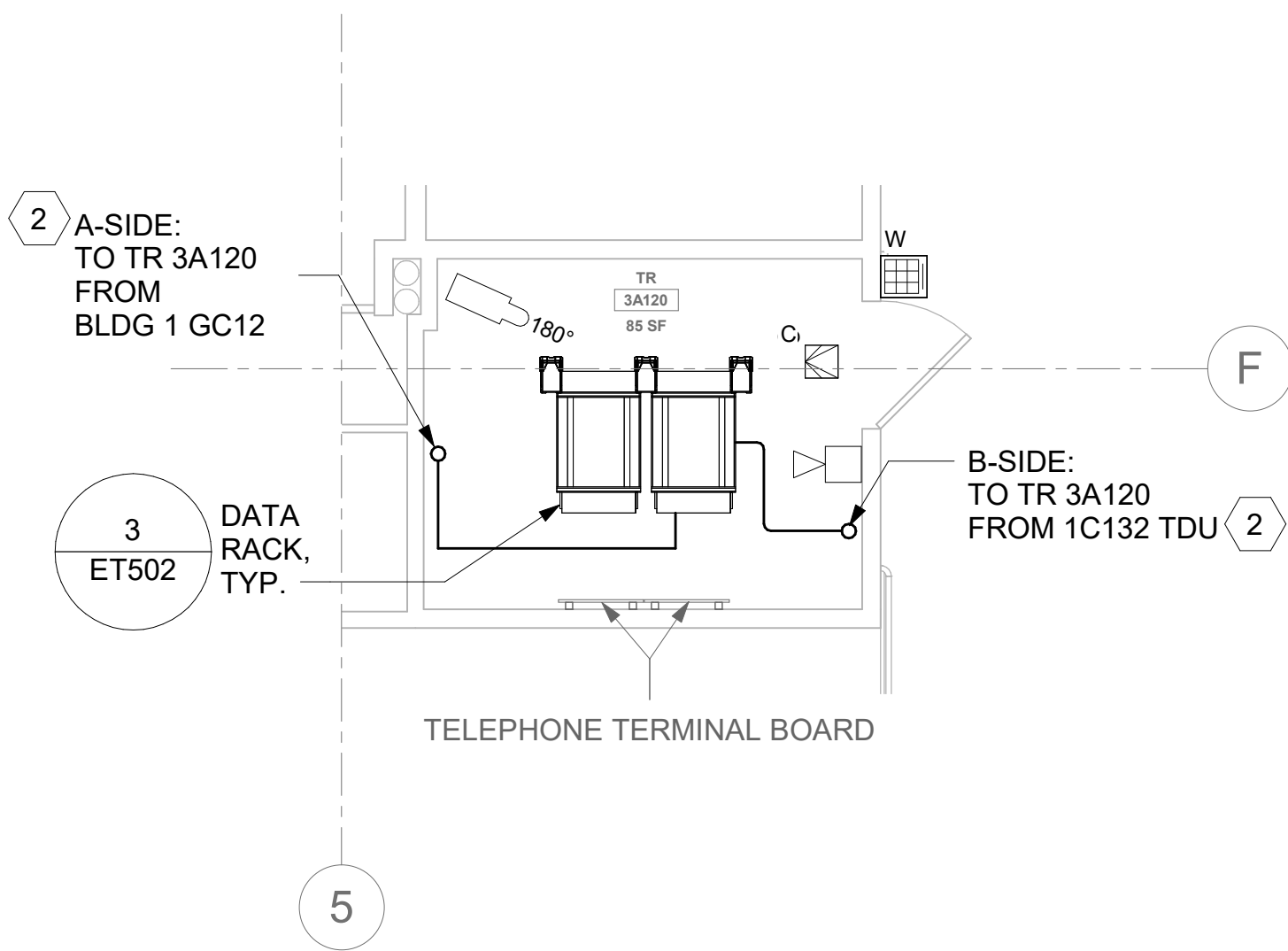
Phase CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

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

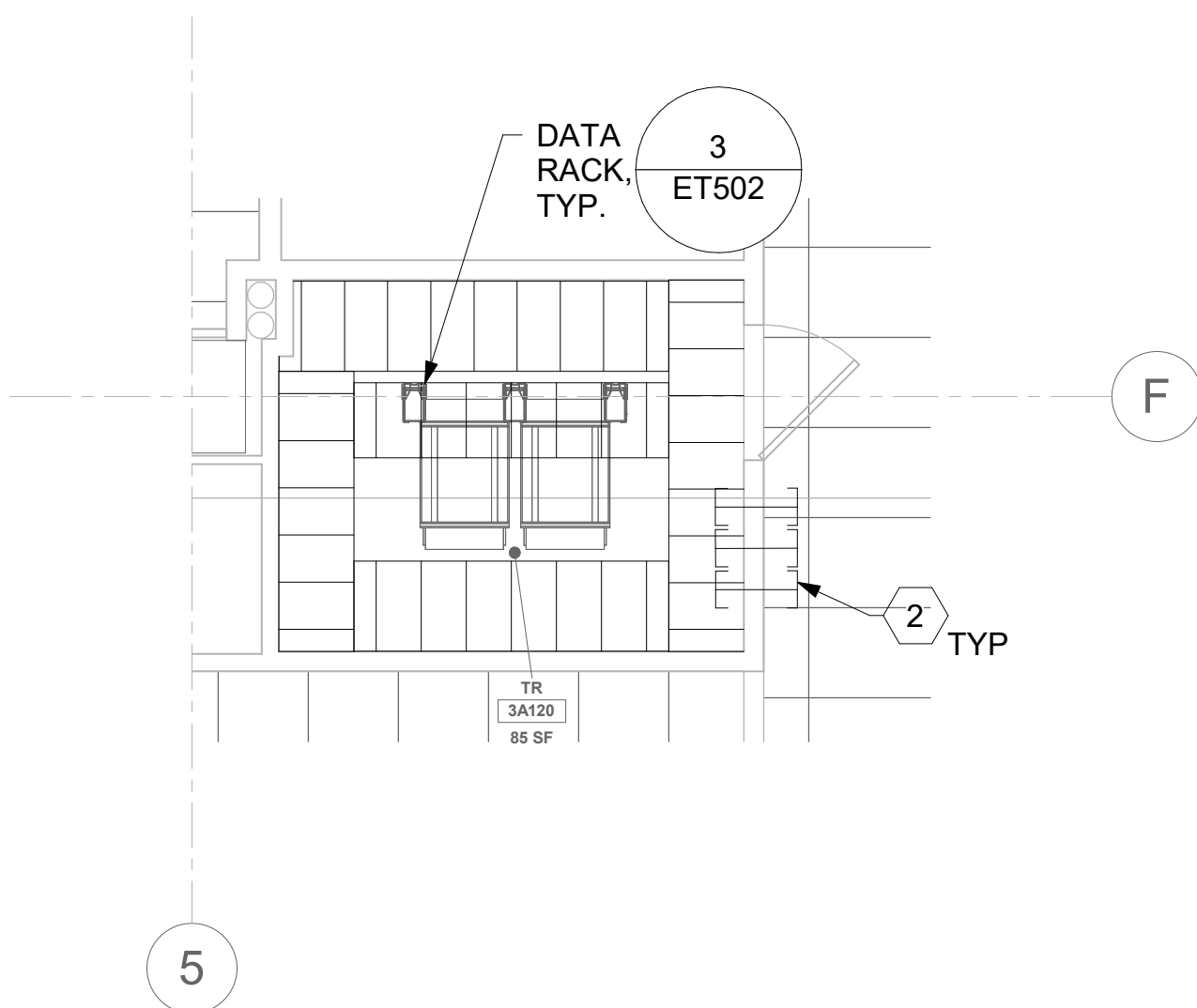
Project Number 657-21-701JB
Building Number 55
Drawing Number 55ET402b
415 OF 435



1 RM 3A120 - DEMOLITION FLOOR PLAN
55ET103a 1/4" = 1'-0" PROJECT NORTH



2 RM 3A120 - TELECOMMUNICATIONS PLAN
55ET103a 1/4" = 1'-0" PROJECT NORTH



3 RM 3A120 - OVERHEAD PLAN LEVEL 1
55ET103a 1/4" = 1'-0" PROJECT NORTH

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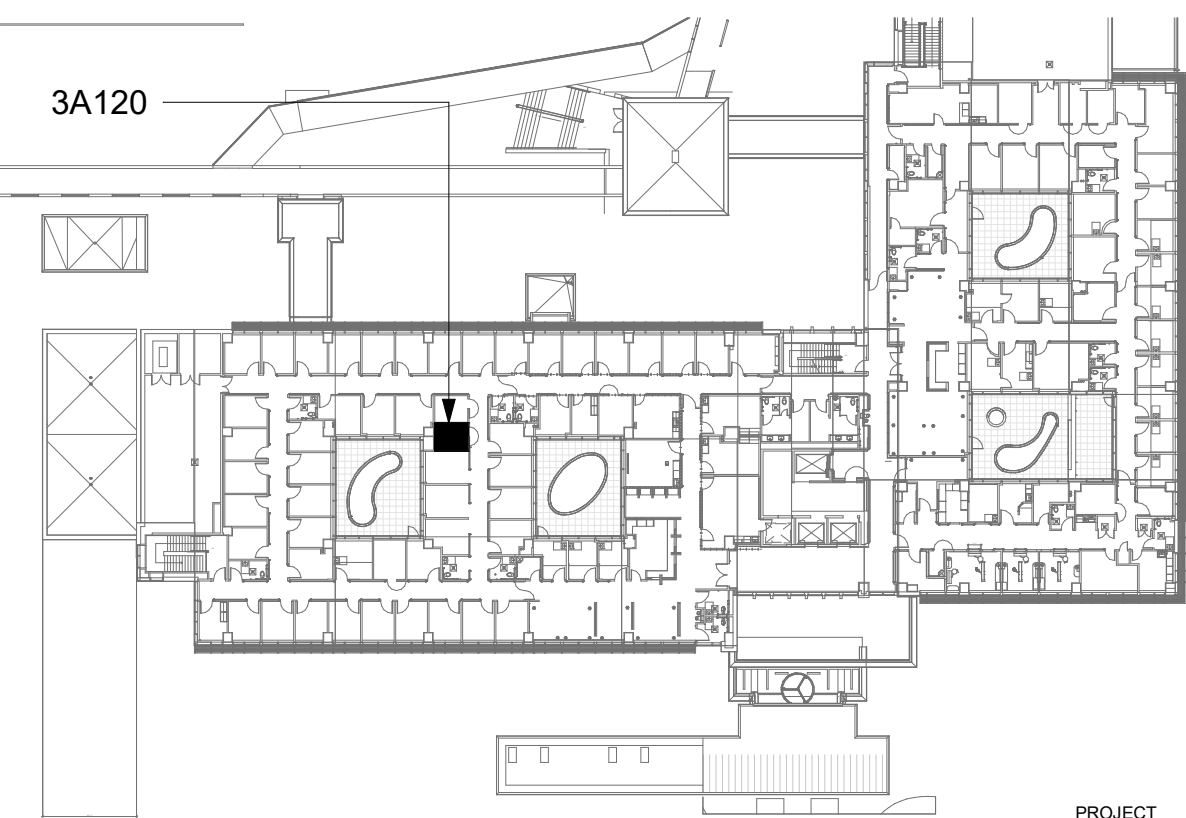
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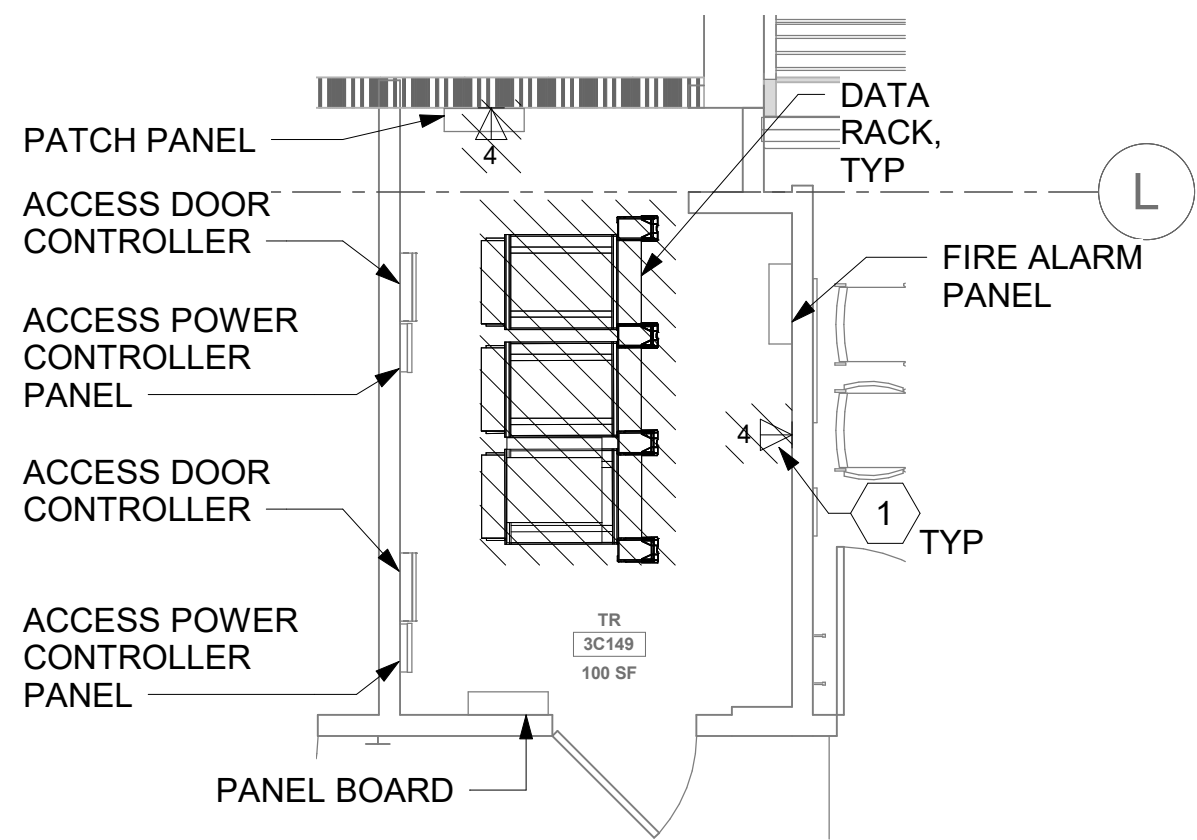
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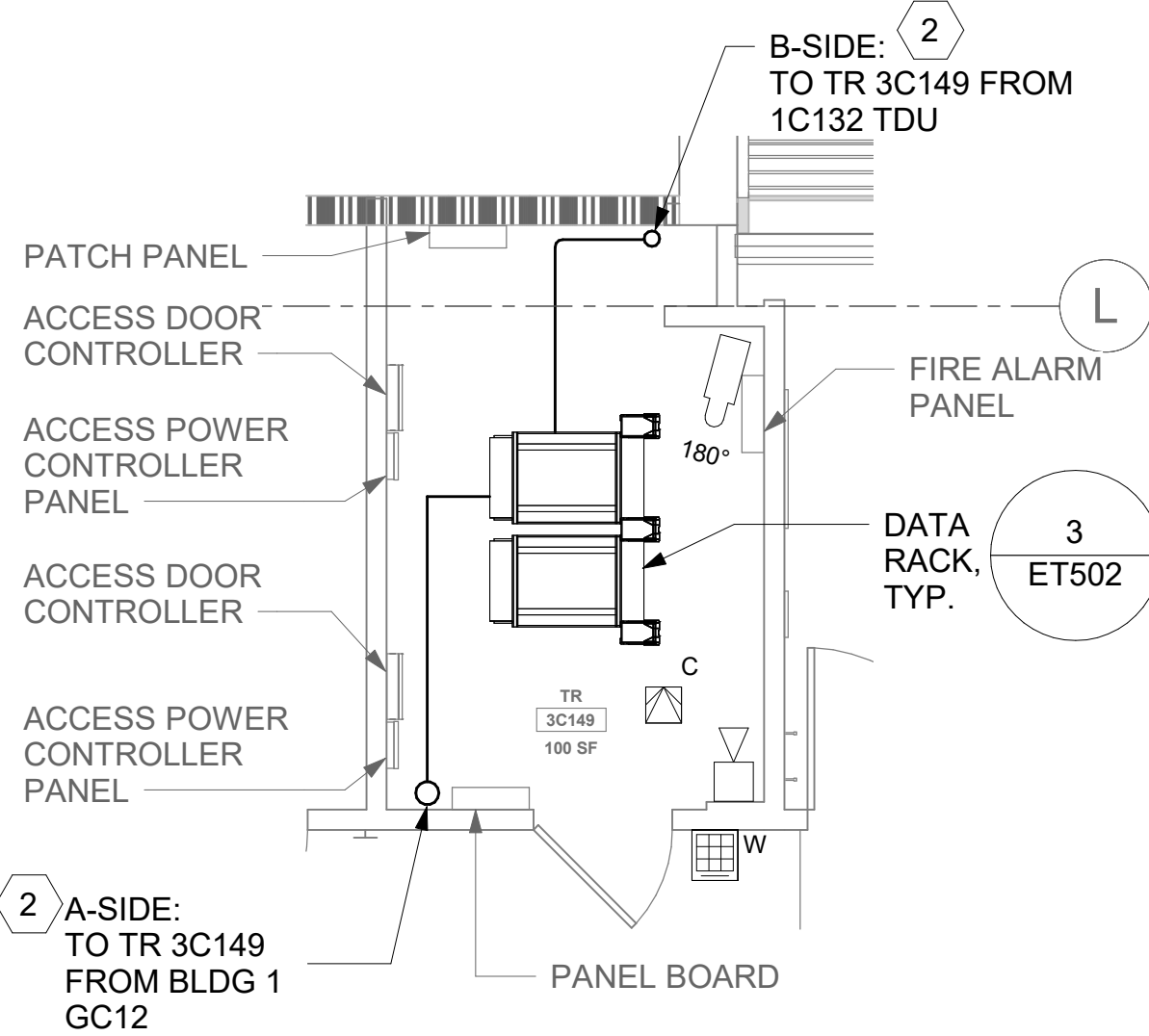


AREA OF WORK

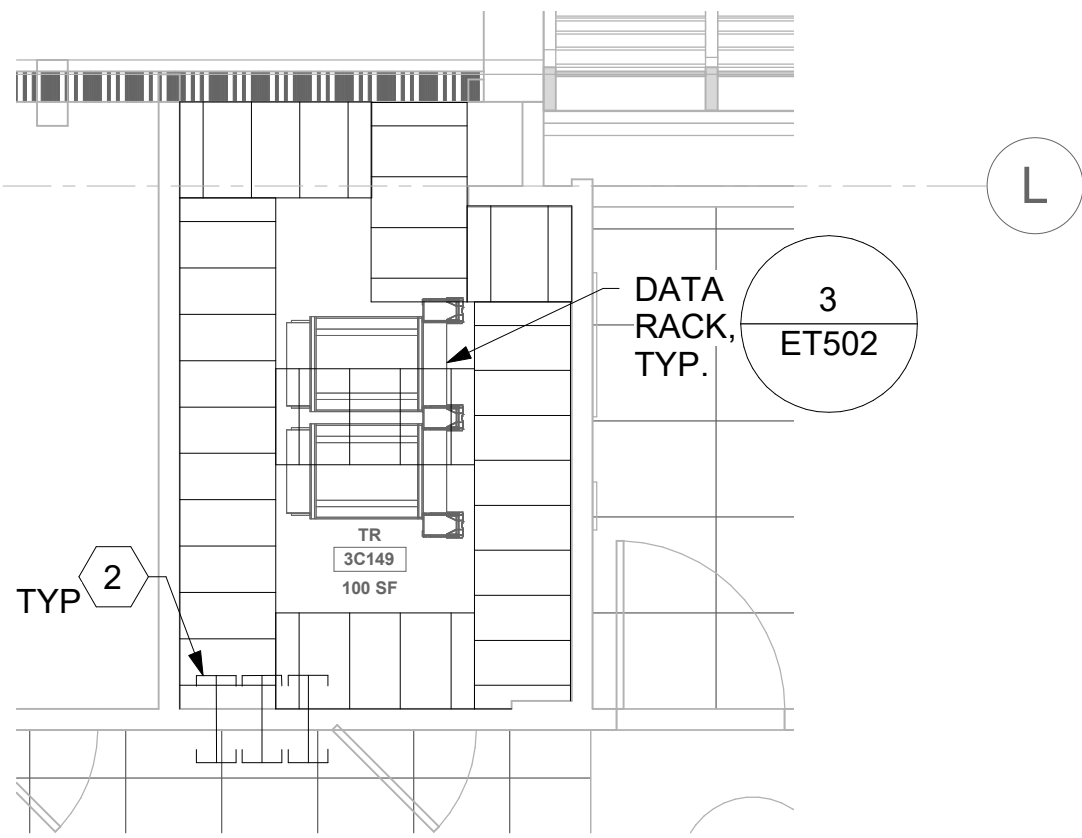
		CONSULTANT	ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES  SPEESDESIGNBUILD	STAMP 	Office of Construction and Facilities Management  U.S. Department of Veterans Affairs	Drawing Title BLDG 55 - FLOOR 3 - ENLARGED TELECOMMUNICATIONS PLANS	Phase CONSTRUCTION DOCUMENTS	Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 657-21-701JB
								Building Number 55	
								Drawing Number 55ET403a	
								416 OF 435	
Revisions:		Date:							



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55ET103b 1/4" = 1'-0"



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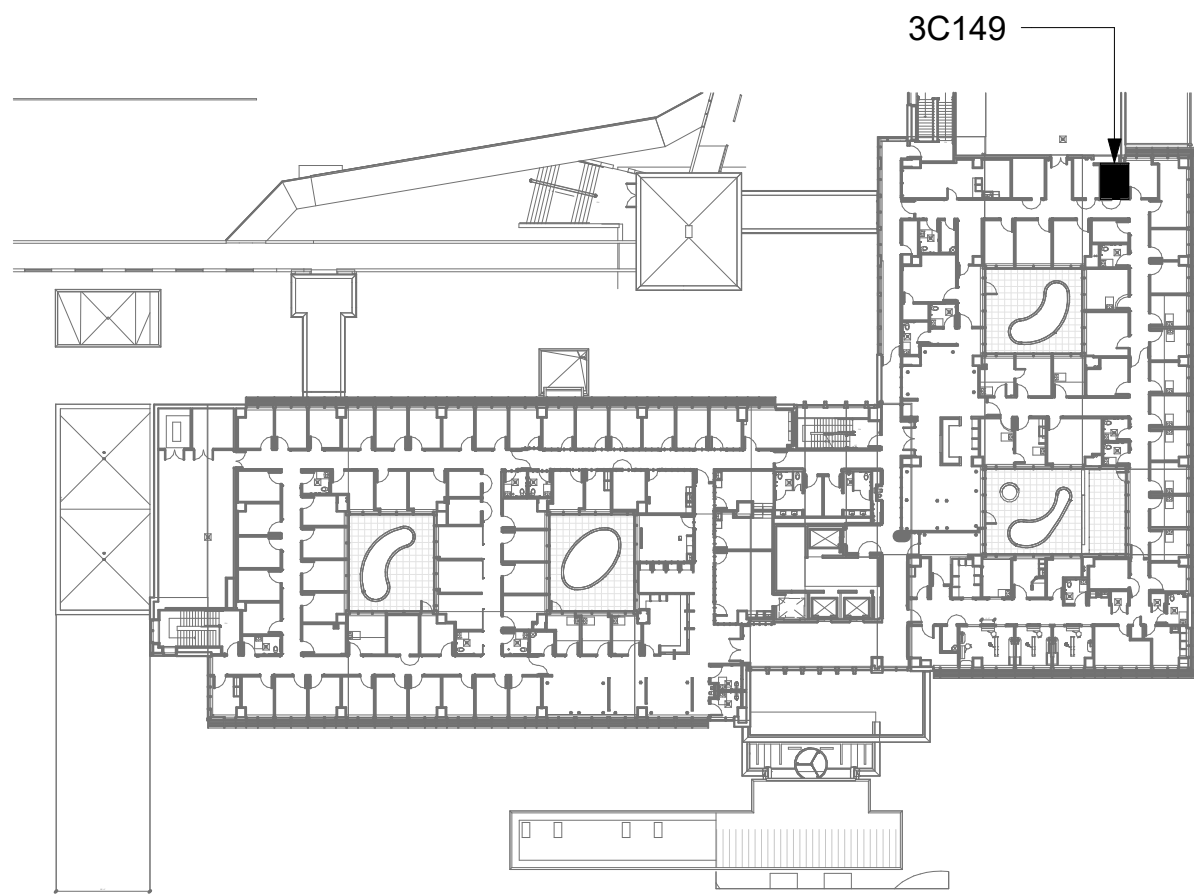
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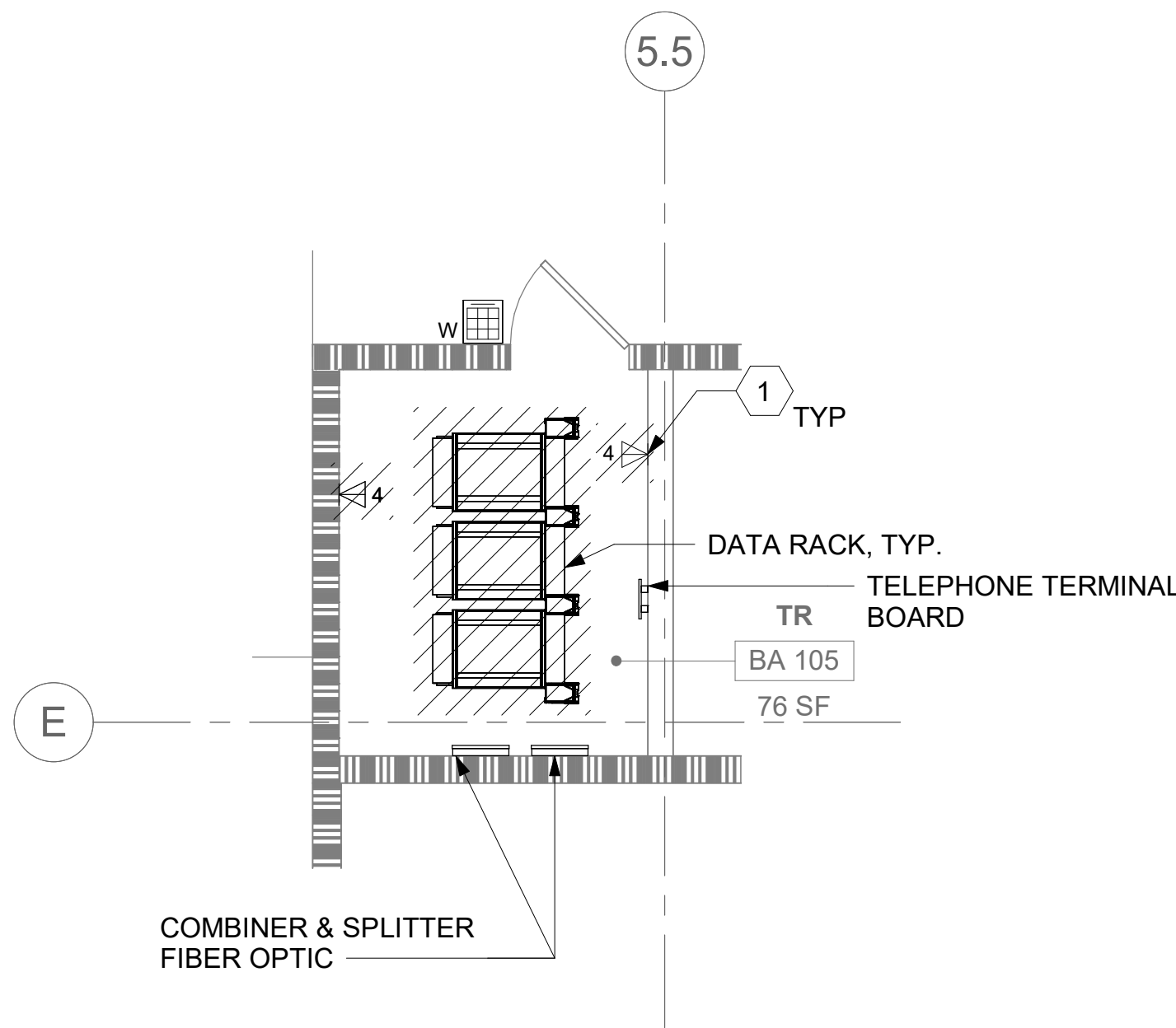
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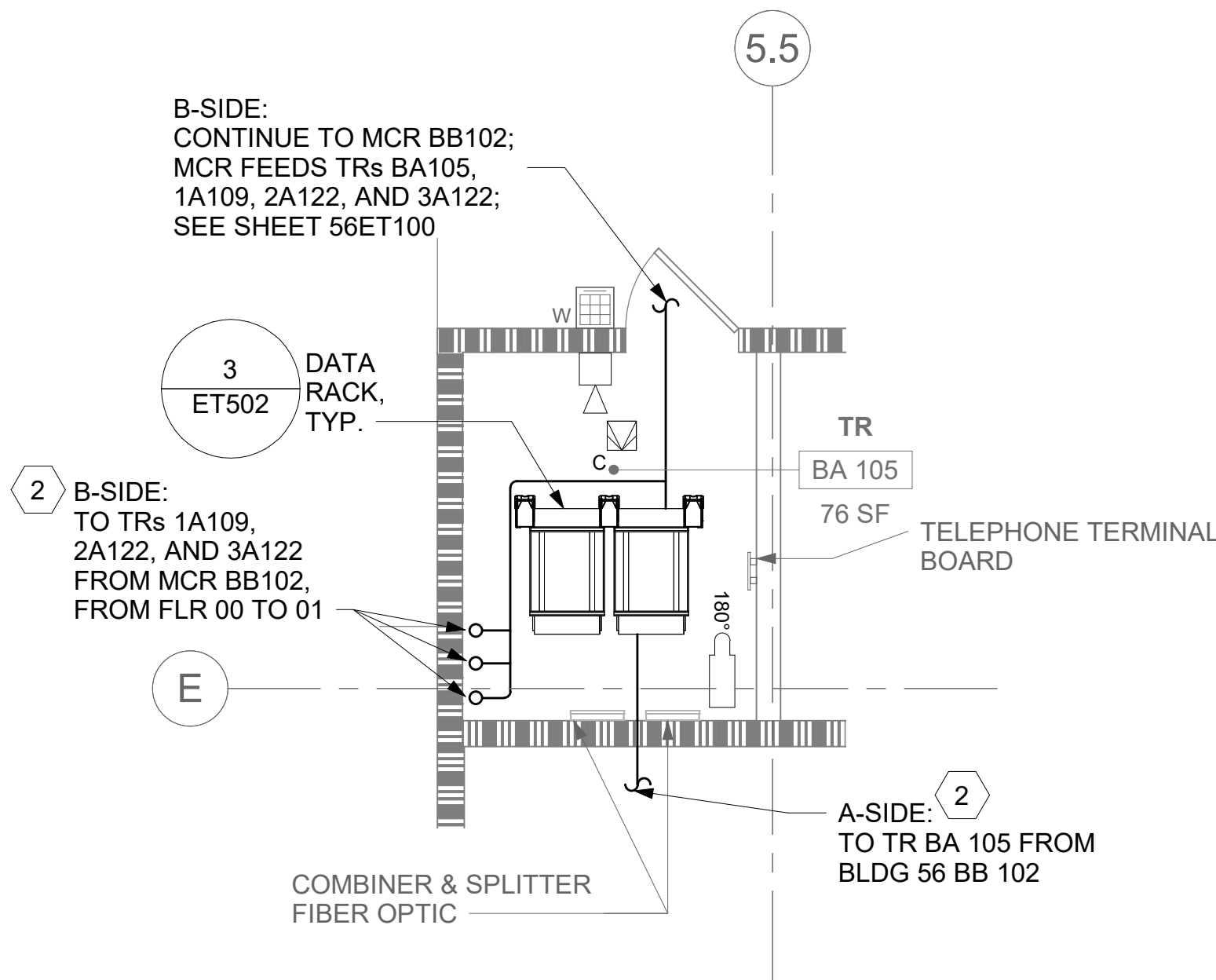
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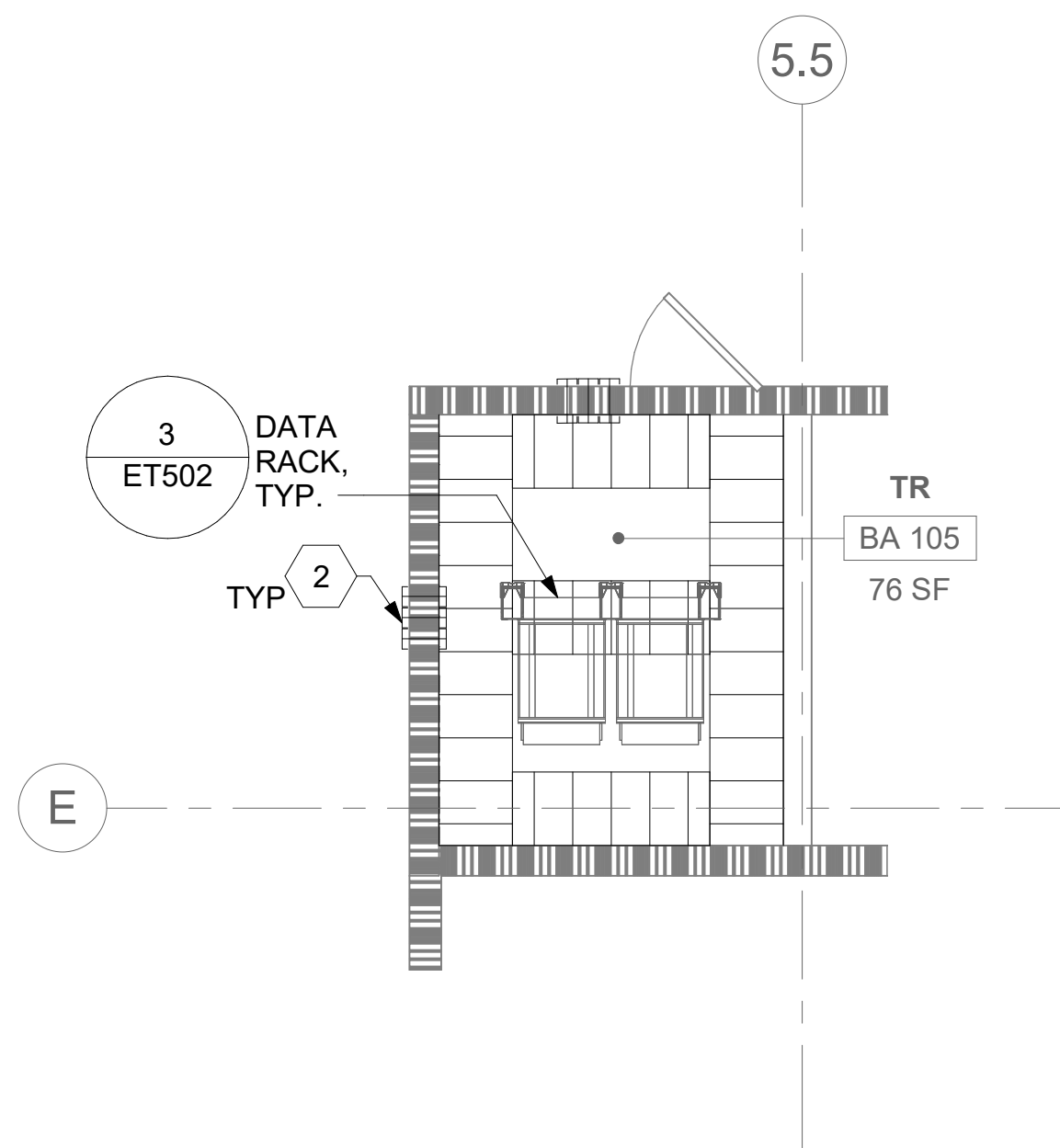
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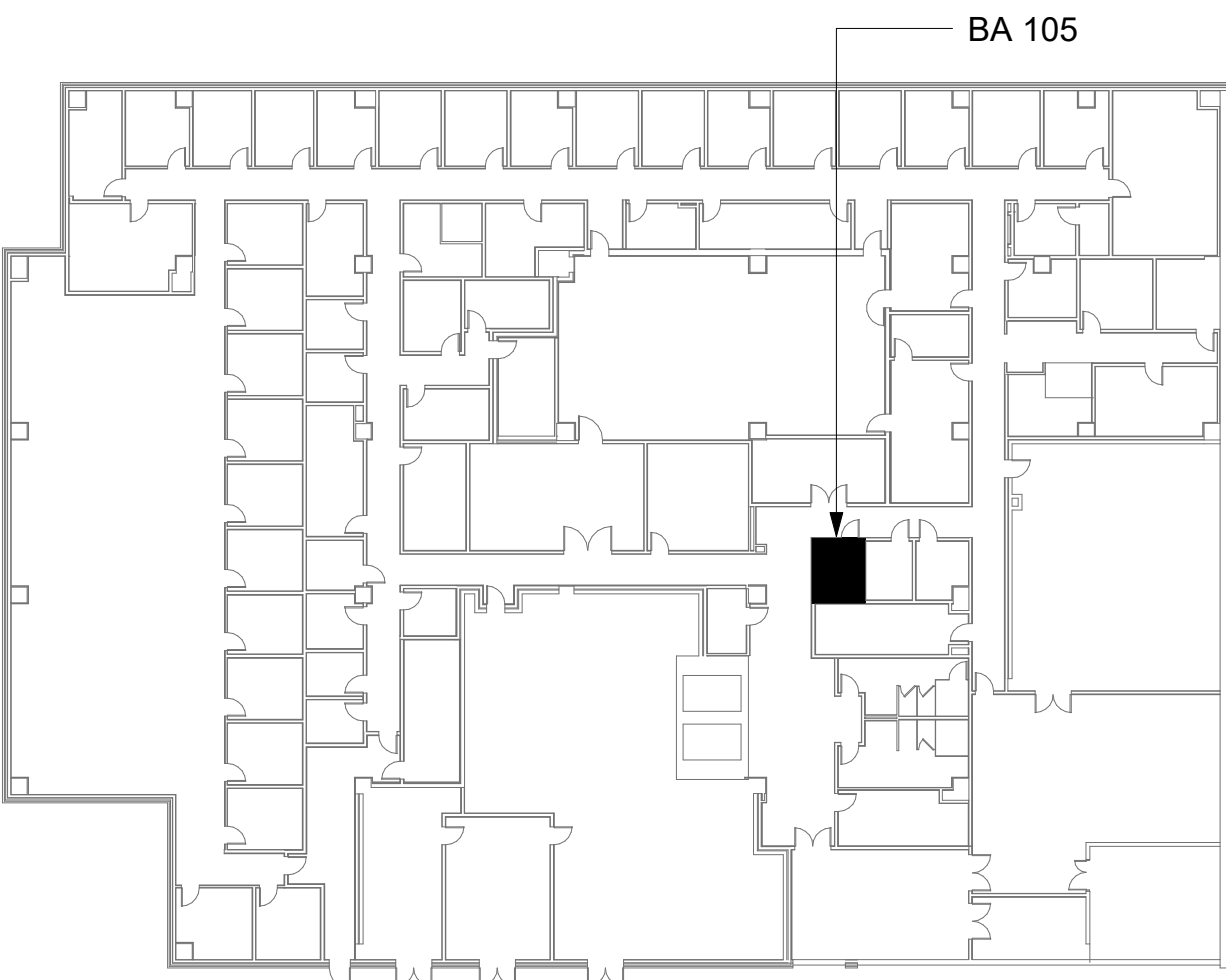
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- PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SLEEVES SHALL BE HILTI QUICK RELEASE SLEEVES, OR REVIEWED EQUAL. REFERENCE DETAIL '2' ON SHEET ET503 FOR ADDITIONAL INFORMATION.

KEY PLAN



AREA OF WORK

		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title BLDG 56 - FLOOR 0 - 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 56
Revisions:								Issue Date 03/31/2022	Drawing Number 56ET400
Date:								Checked LRL/WM	418 OF 435
								Drawn JGE/JBB	