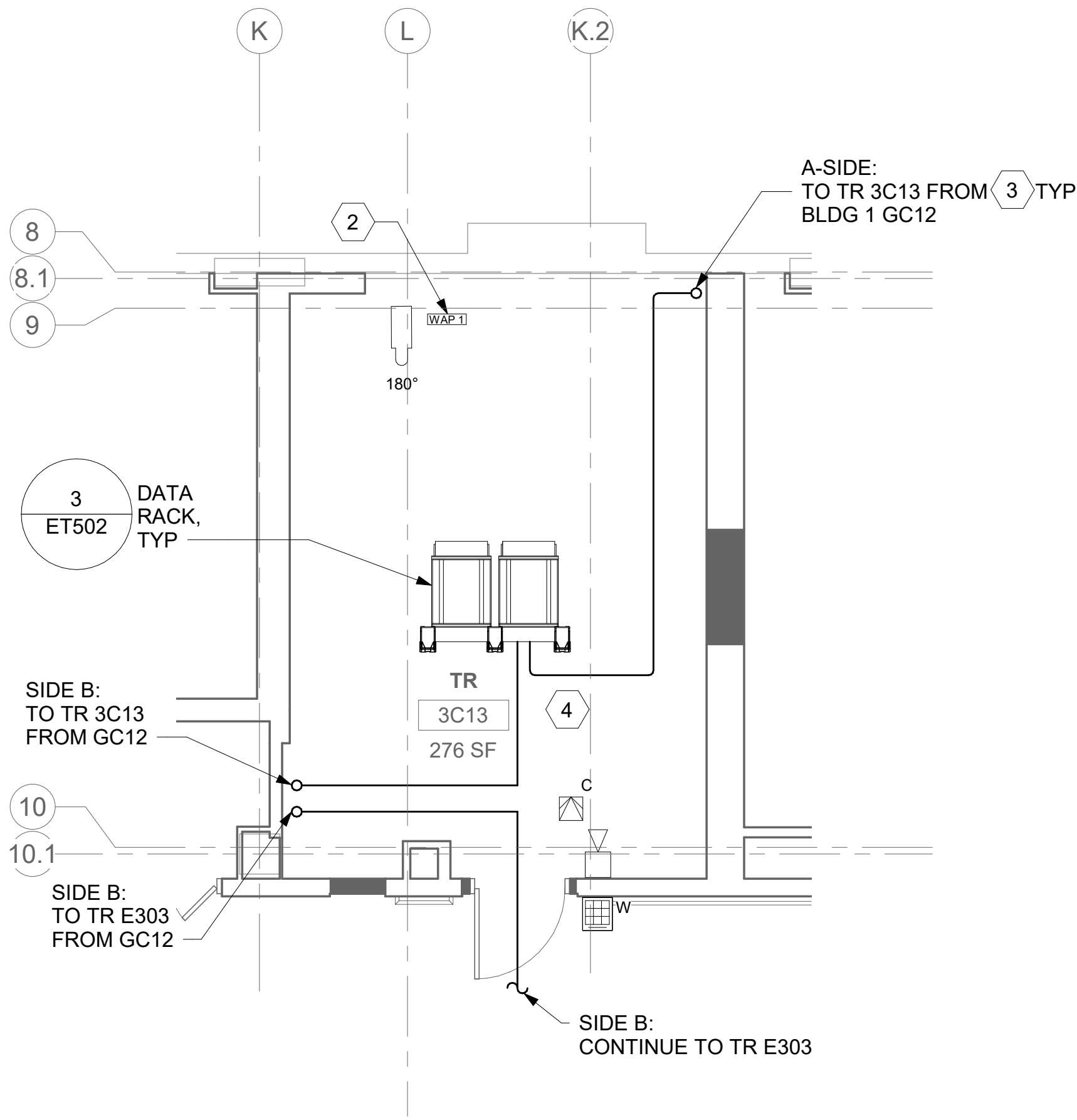
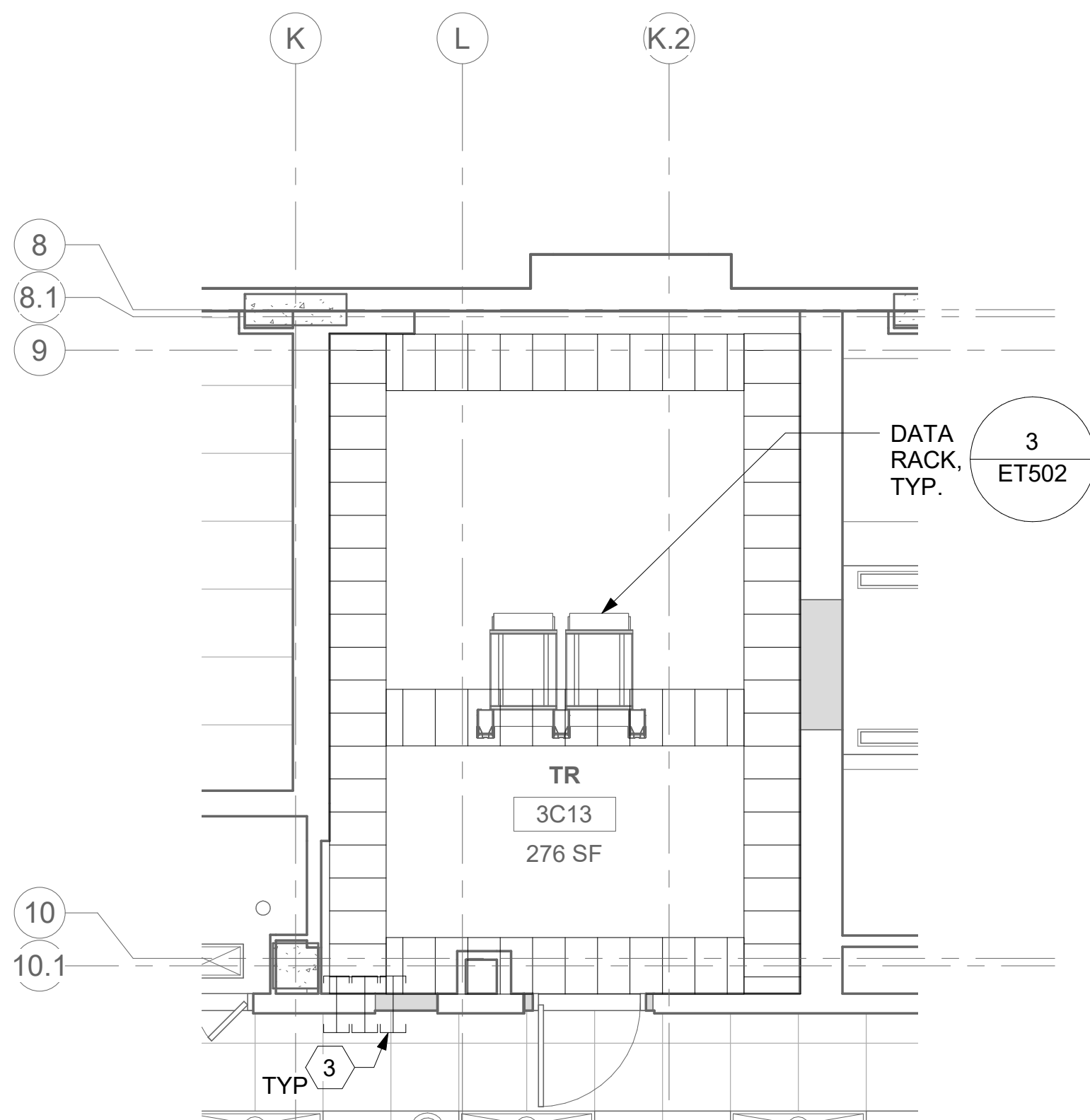


1 RM 3C13 & 3C14 - DEMOLITION FLOOR PLAN
01ET103 1/4" = 1'-0" PROJECT NORTH



2 RM 3C13 - TELECOMMUNICATIONS PLAN
01ET103 1/4" = 1'-0" PROJECT NORTH



3 RM 3C13 - OVERHEAD PLAN LEVEL 1
01ET103 1/4" = 1'-0" PROJECT NORTH

4 NOT USED

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.

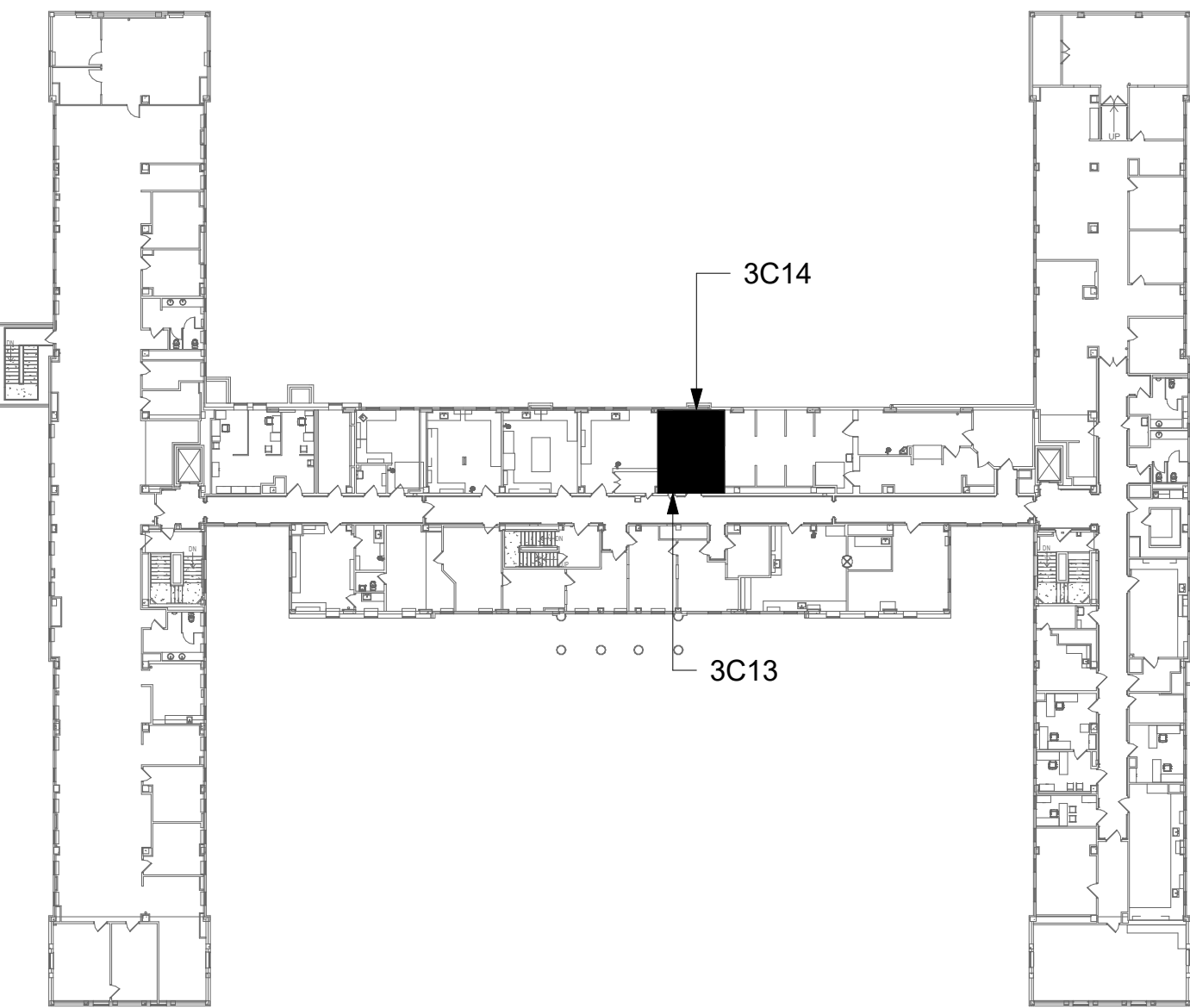
GENERAL NOTES

- 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 5E 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.
- PROVIDE 1" CONDUIT FROM NEW BACKBOX TO ACCESSIBLE CEILING SPACE FOR ALL OUTLETS IDENTIFIED AS NEW.
- 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 IF 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.
- EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT6A CABLING.
- 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.
- 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.

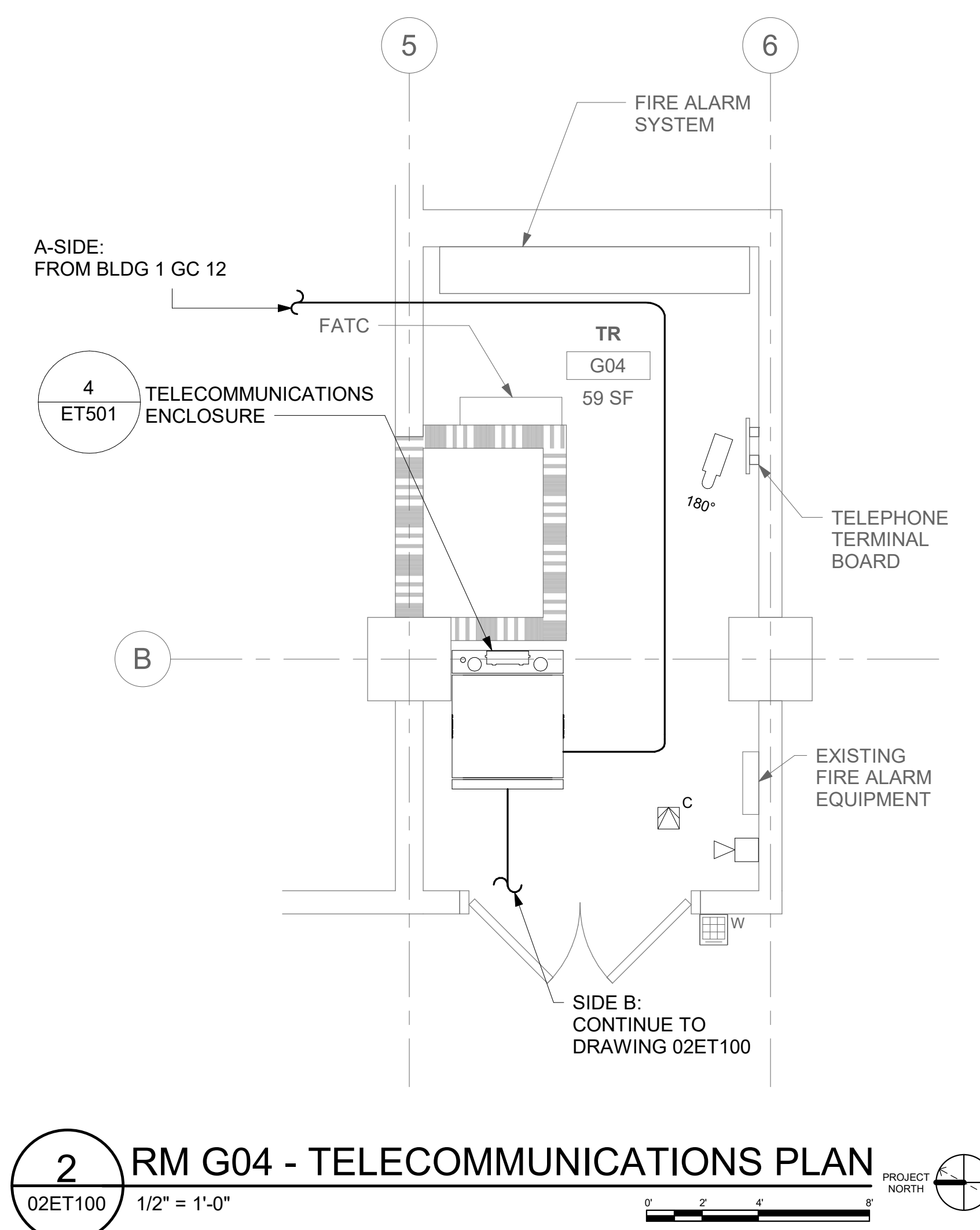
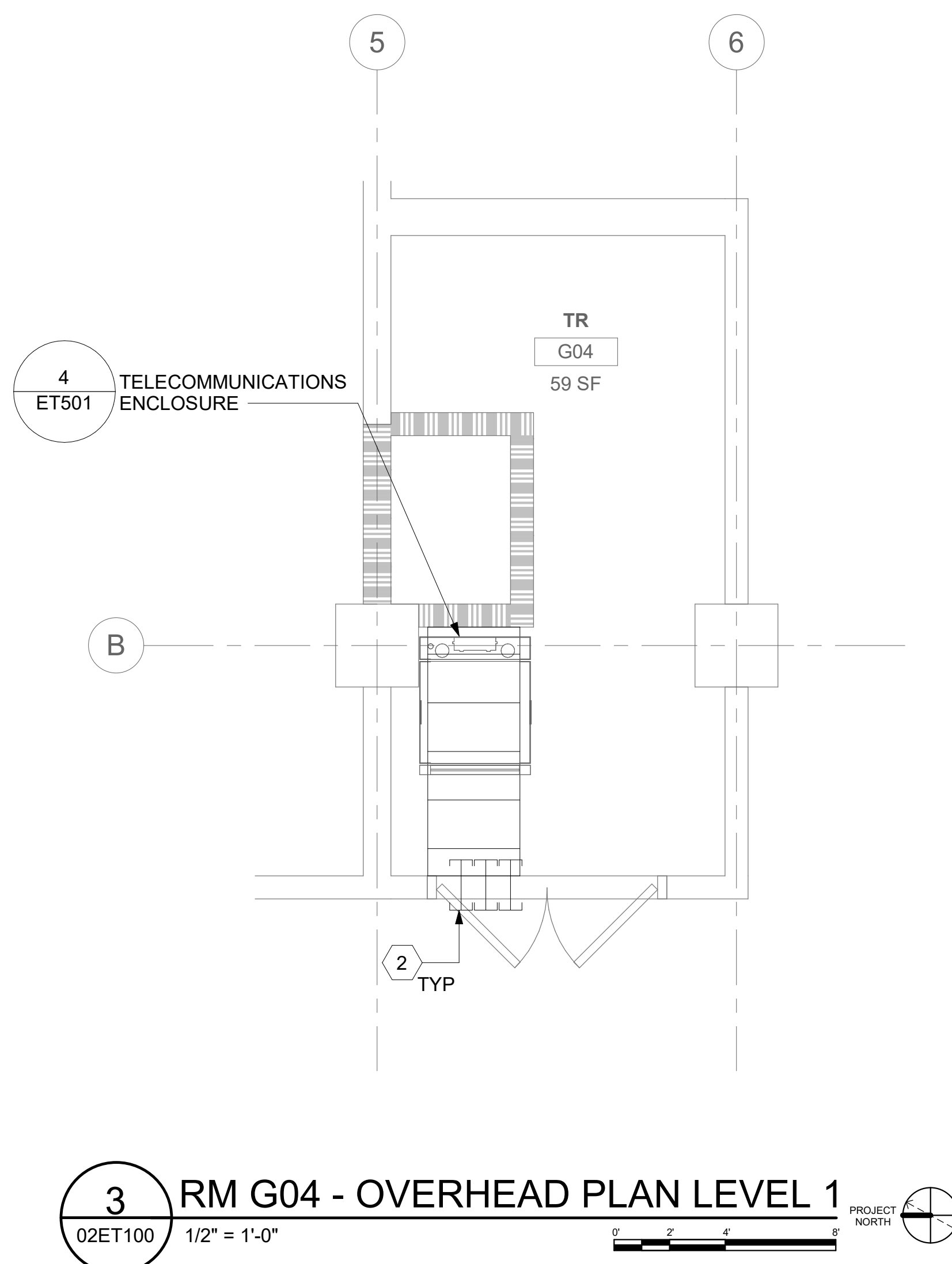
KEY PLAN



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			BLDG 1 - FLOOR 3 - ENLARGED TELECOMMUNICATION PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB		
					VA U.S. Department of Veterans Affairs	Approved:	FULLY SPRINKLERED	Location	Building Number		
						ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO		01			
Revisions:		Date:						Issue Date	Checked	Drawn	Drawing Number
								03/31/2022	LRL/WM	JGE/JBB	01ET403b
											373 OF 435

- 1 EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
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4 NOT USED

[illegible]

Project Number
657-21-701JB
Building Number
02
Drawing Number
02ET401
375 OF 435

KEY PLAN

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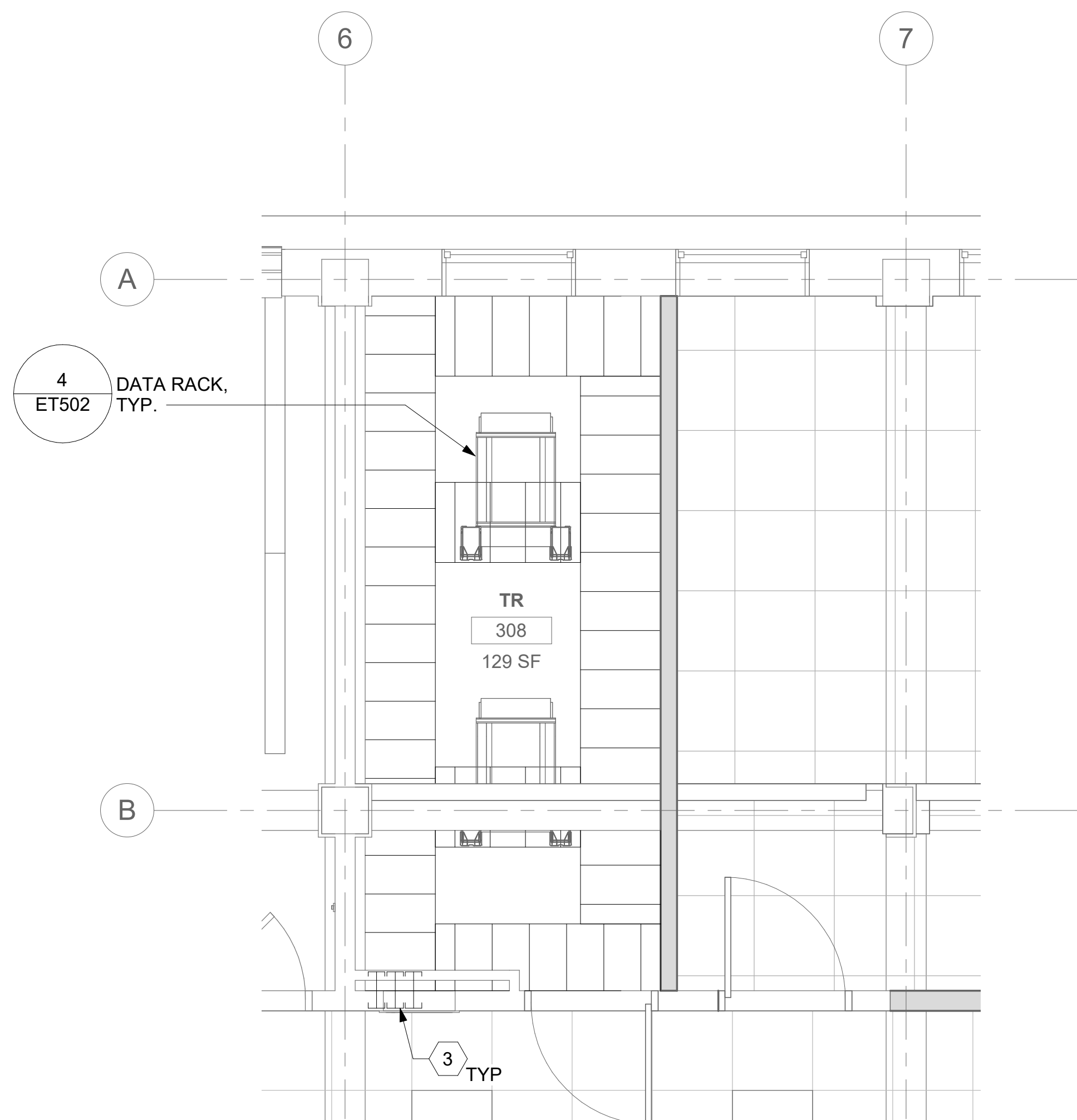
KEY PLAN





4 NOT USED



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



3 RM 308 - OVERHEAD PLAN LEVEL 1
02ET103 3/8" = 1'-0"  PROJECT NORTH 

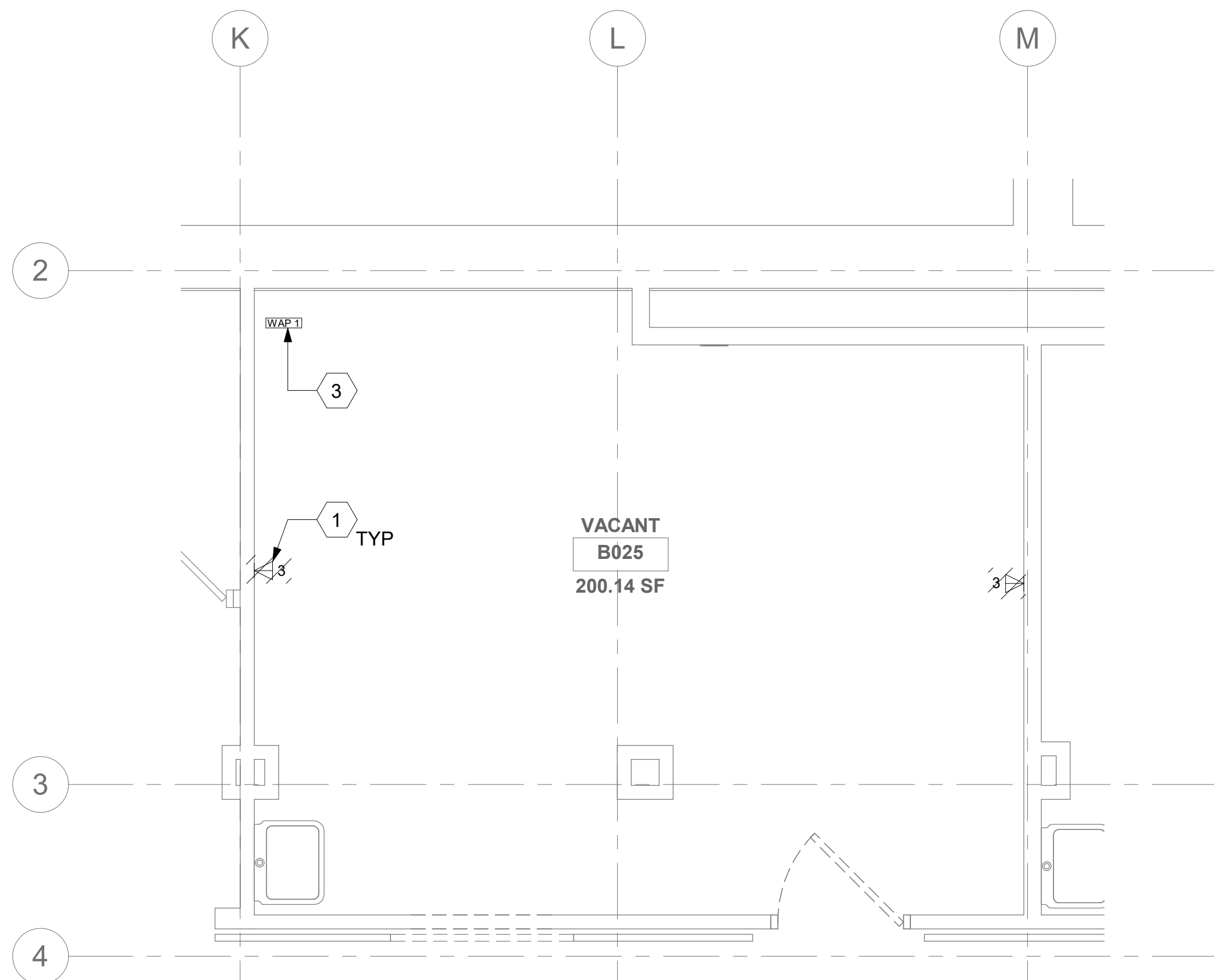


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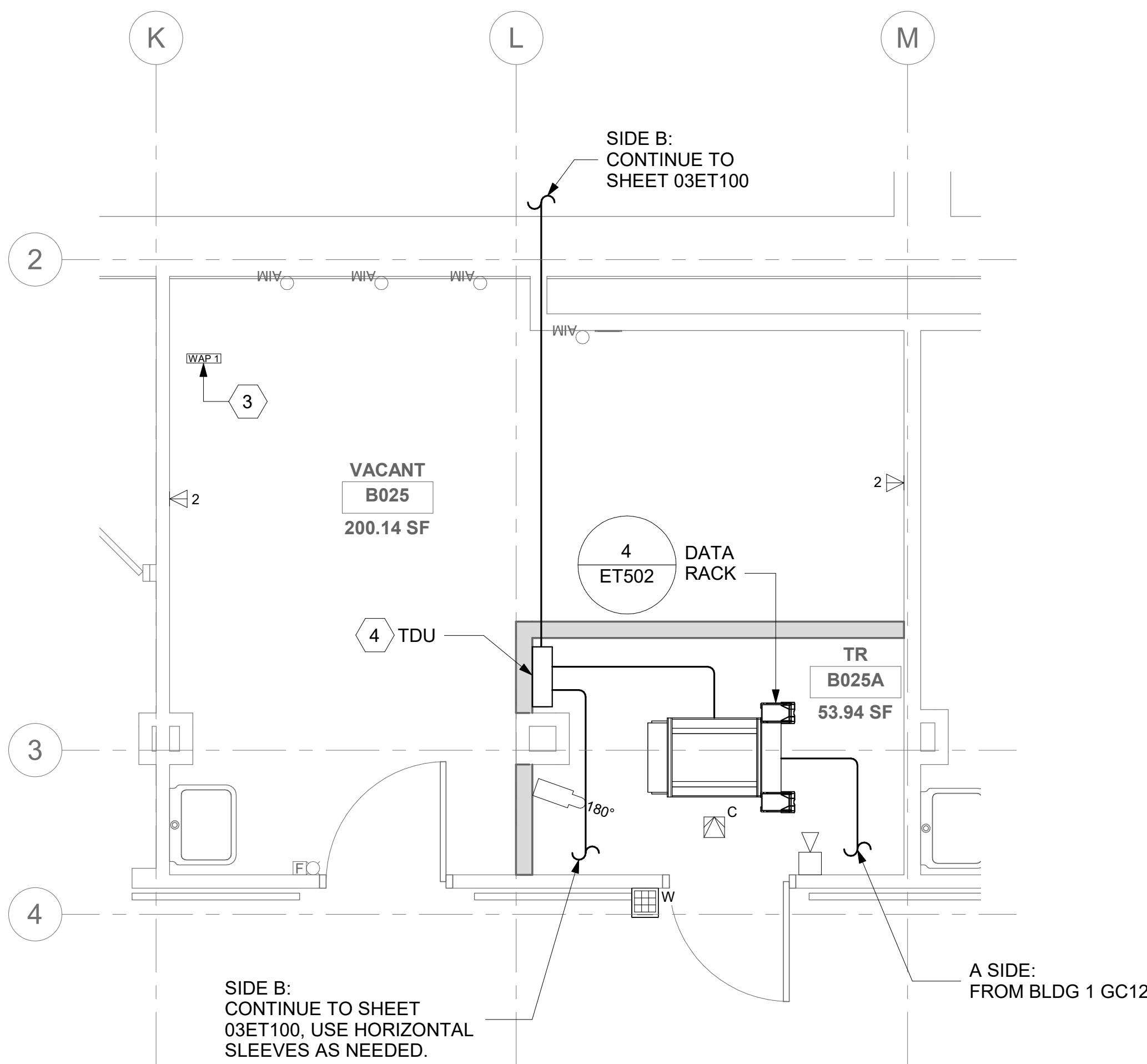
KEY NOTES

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- 2 EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT6A CABLING.
- 3 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.

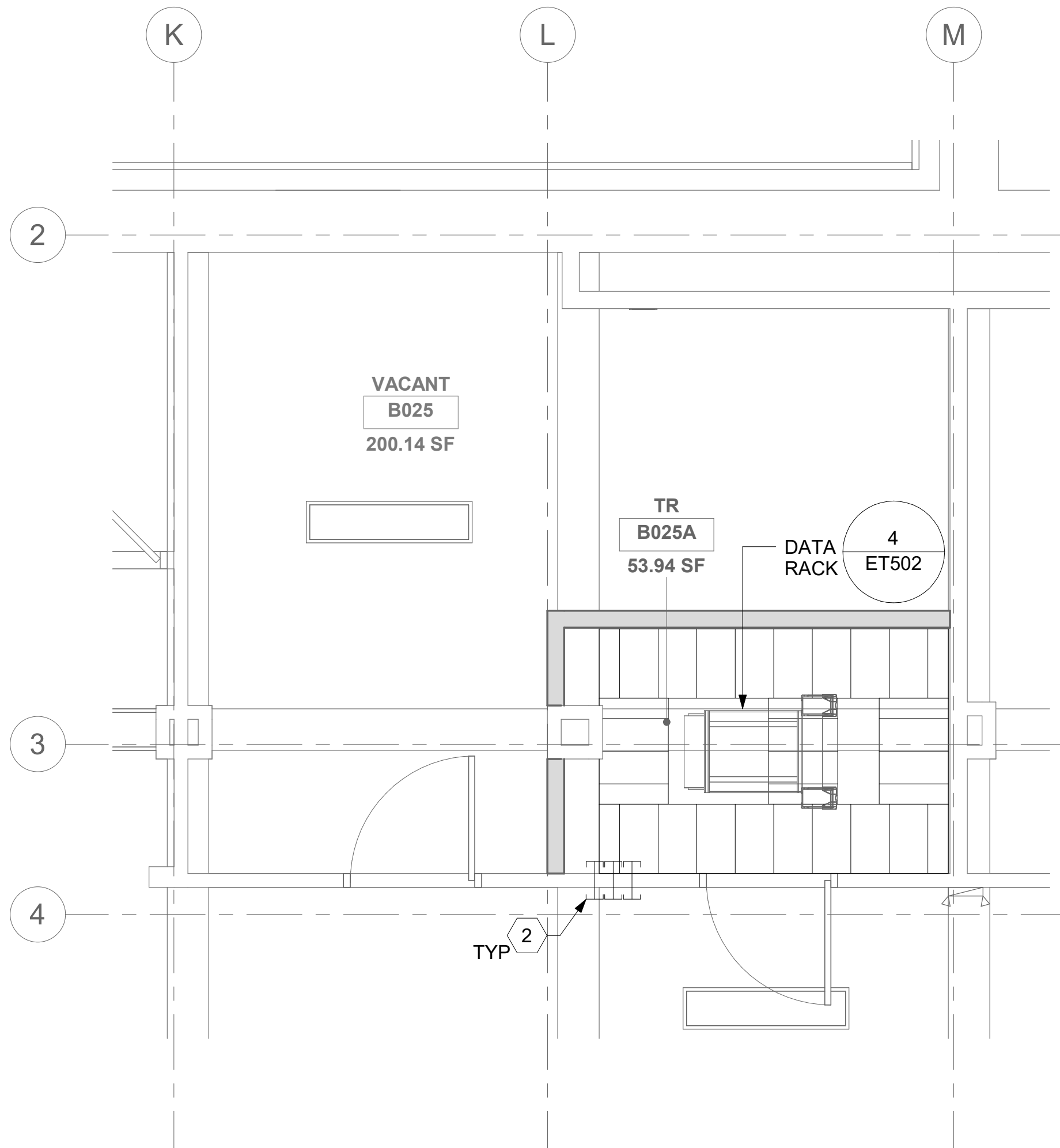
Architectural floor plan of the second floor of the University of Michigan Law School building. The plan shows a long corridor with multiple rooms on both sides. A central staircase is labeled "STAIRS". A room in the upper right is labeled "308". A black rectangular area is highlighted in the center of the plan, labeled "AREA OF WORK" with a legend box. A north arrow is located in the bottom right corner, labeled "PROJECT NORTH".



1 RM B025 - DEMOLITION FLOOR PLAN
03ET100 3/8" = 1'-0" PROJECT NORTH



2 RM B025A - TELECOMMUNICATIONS PLAN
03ET100 3/8" = 1'-0" PROJECT NORTH



3 RM B025A - OVERHEAD PLAN LEVEL 1
03ET100 3/8" = 1'-0" PROJECT NORTH

4 NOT USED
- PROJECT NORTH

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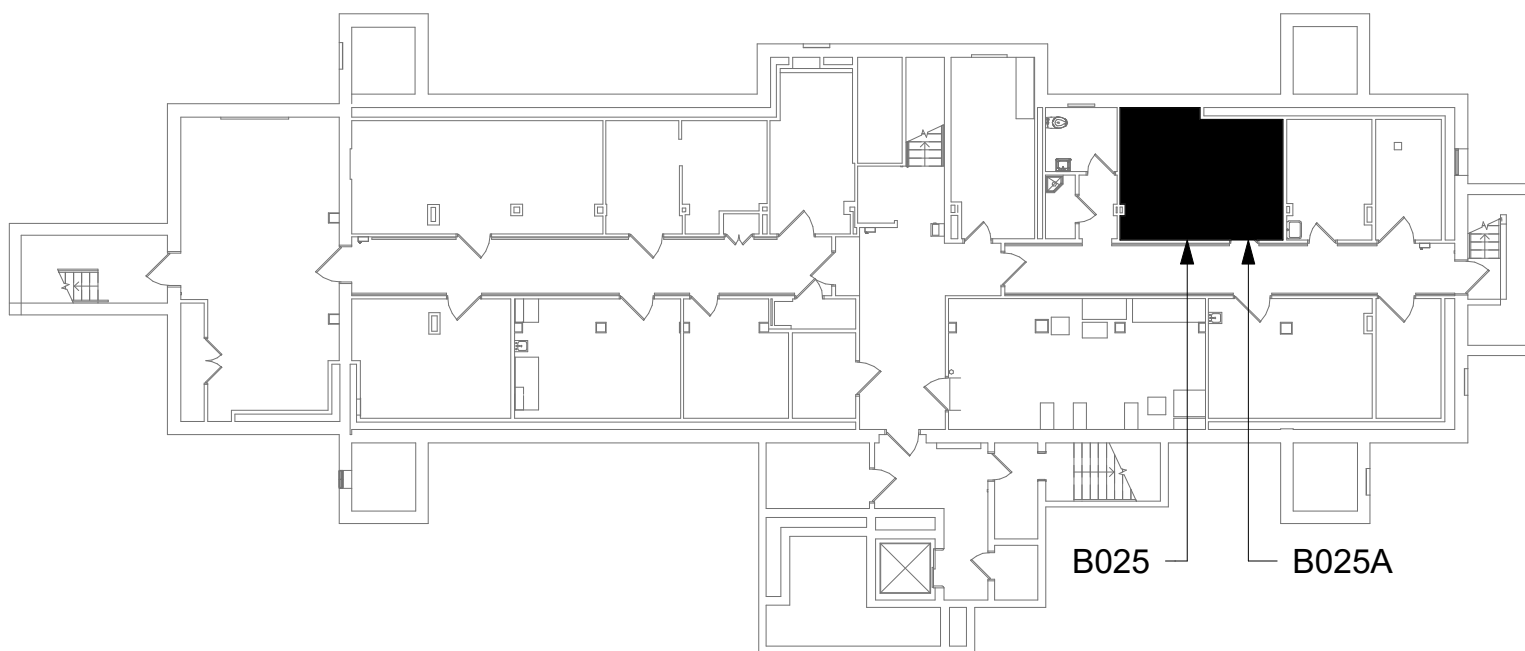
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- CONTRACTOR SHALL PROVIDE, INSTALL, AND TERMINATE HORIZONTAL CAT 6A CABLING FROM EACH WAO (WORK AREA OUTLET) TO ITS RESPECTIVE TR.
- PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
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KEY NOTES

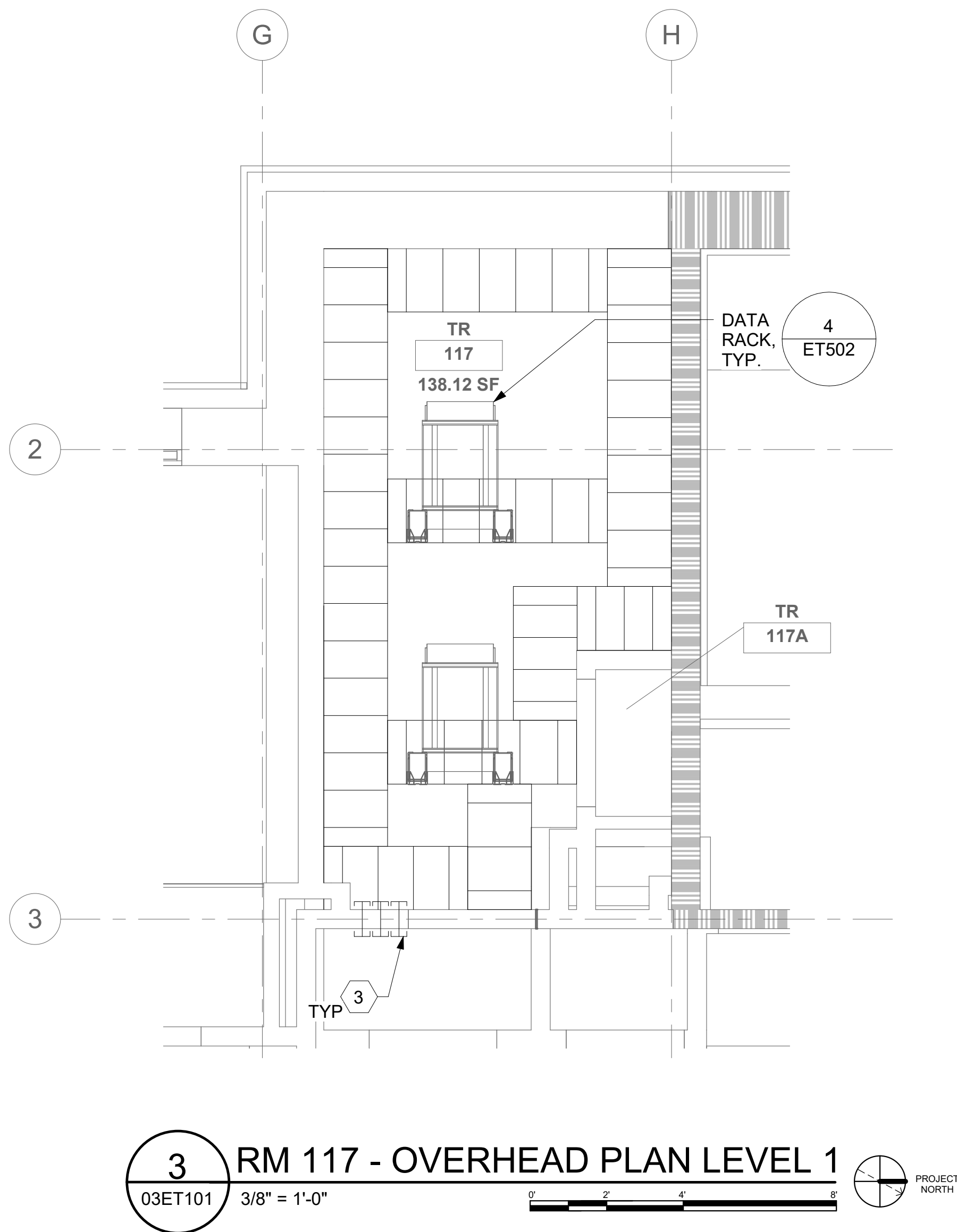
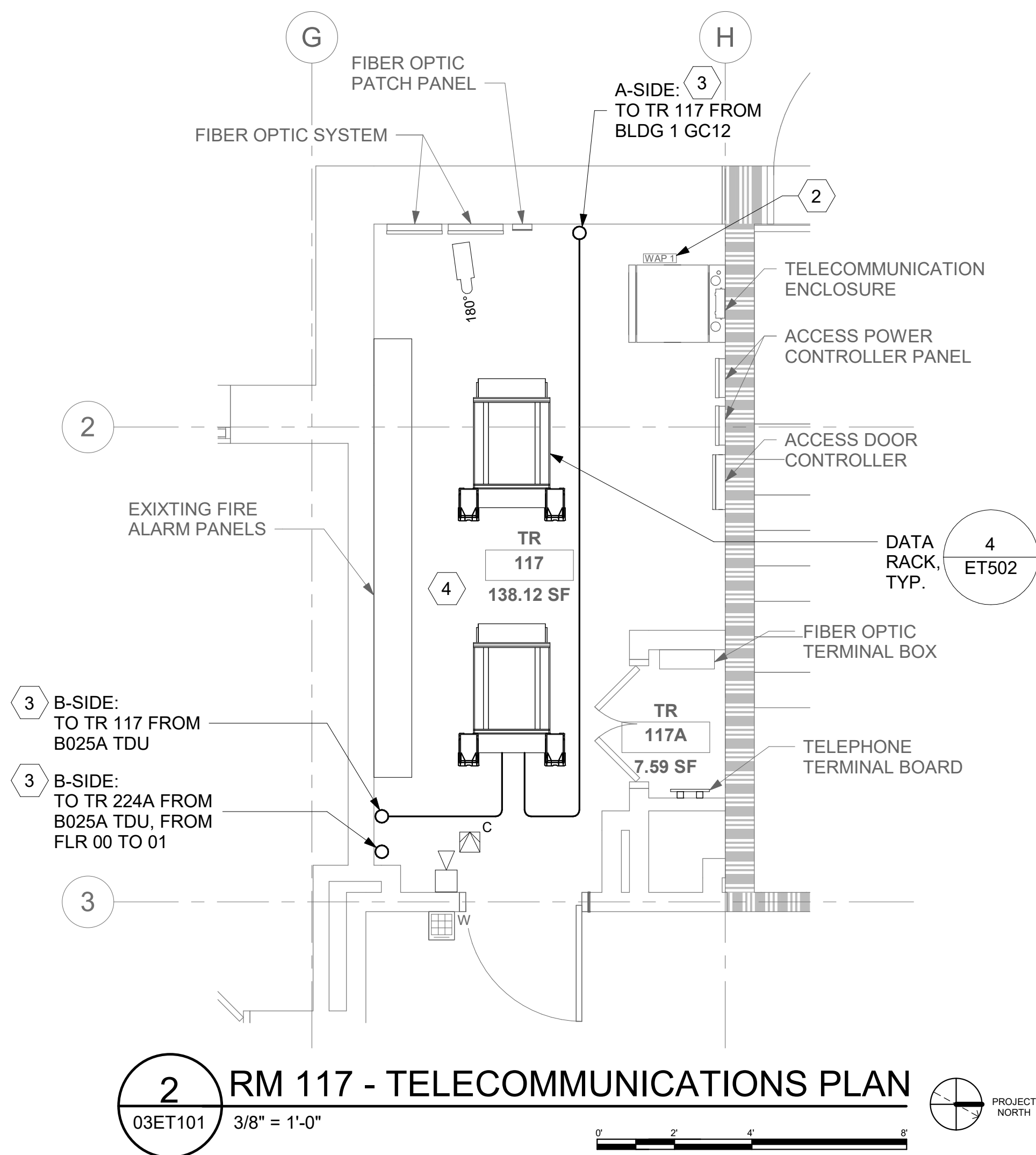
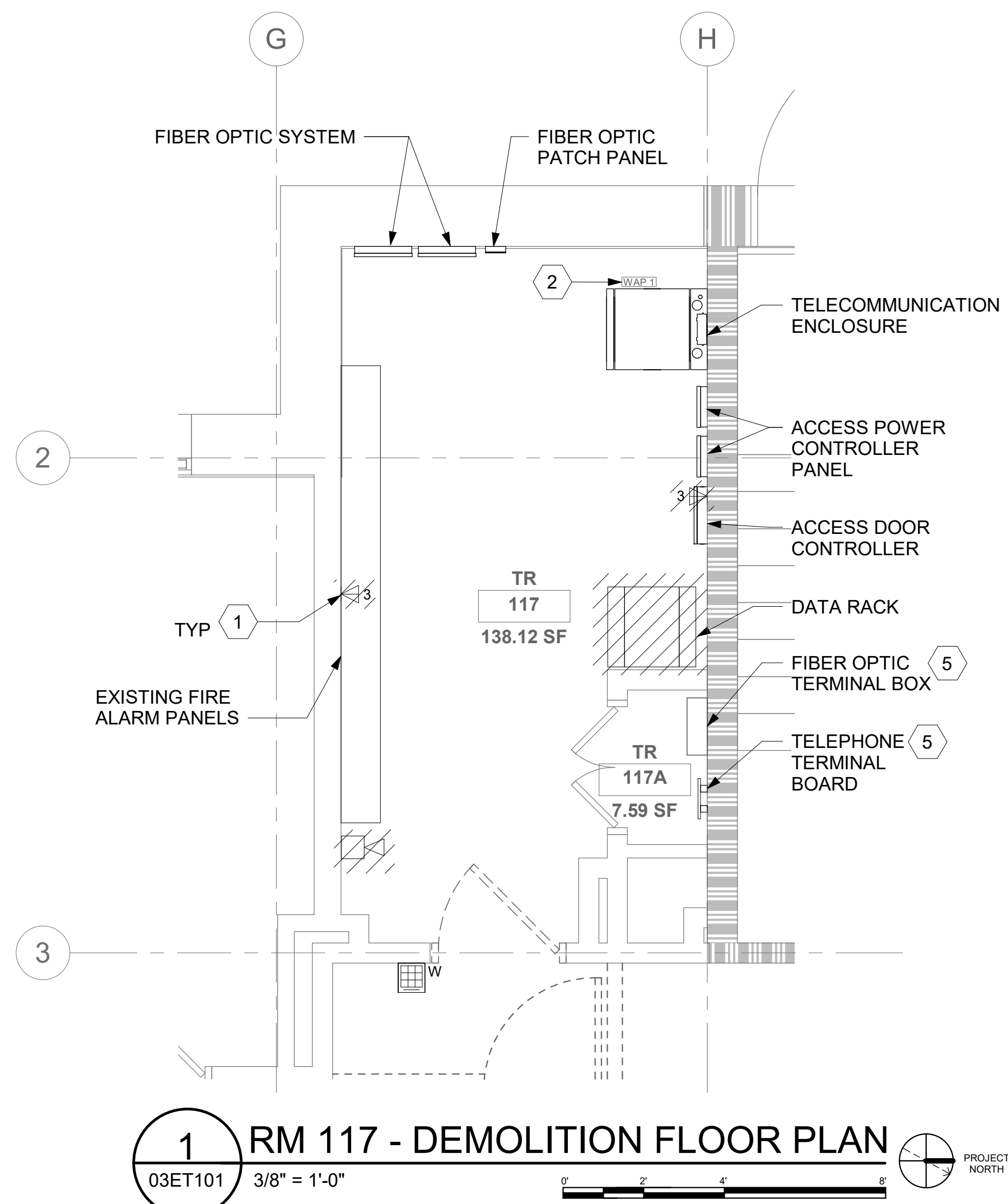
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- EXISTING WIRELESS ACCESS POINTS TO BE RE-FED WITH CAT6A CABLING.
- TUBE DISTRIBUTION UNIT (TDU). REFERENCE COMMUNICATION DRAWINGS FOR ADDITIONAL INFORMATION.

KEY PLAN



AREA OF WORK

		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title BLDG 03 - 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 3-31-23	VA U.S. Department of Veterans Affairs	Approved:	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 03
Revisions:		Date:						Issue Date 03/31/2022	Checked LRL/WM
								Drawn JGE/JBB	Drawing Number 03ET400
									378 OF 435



ALL BACKBONE CABLING ROUTES ARE
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COMMUNICATIONS DRAWINGS FOR ALL
REQUIRED FIBER-OPTIC CABLING.

4 NOT USED

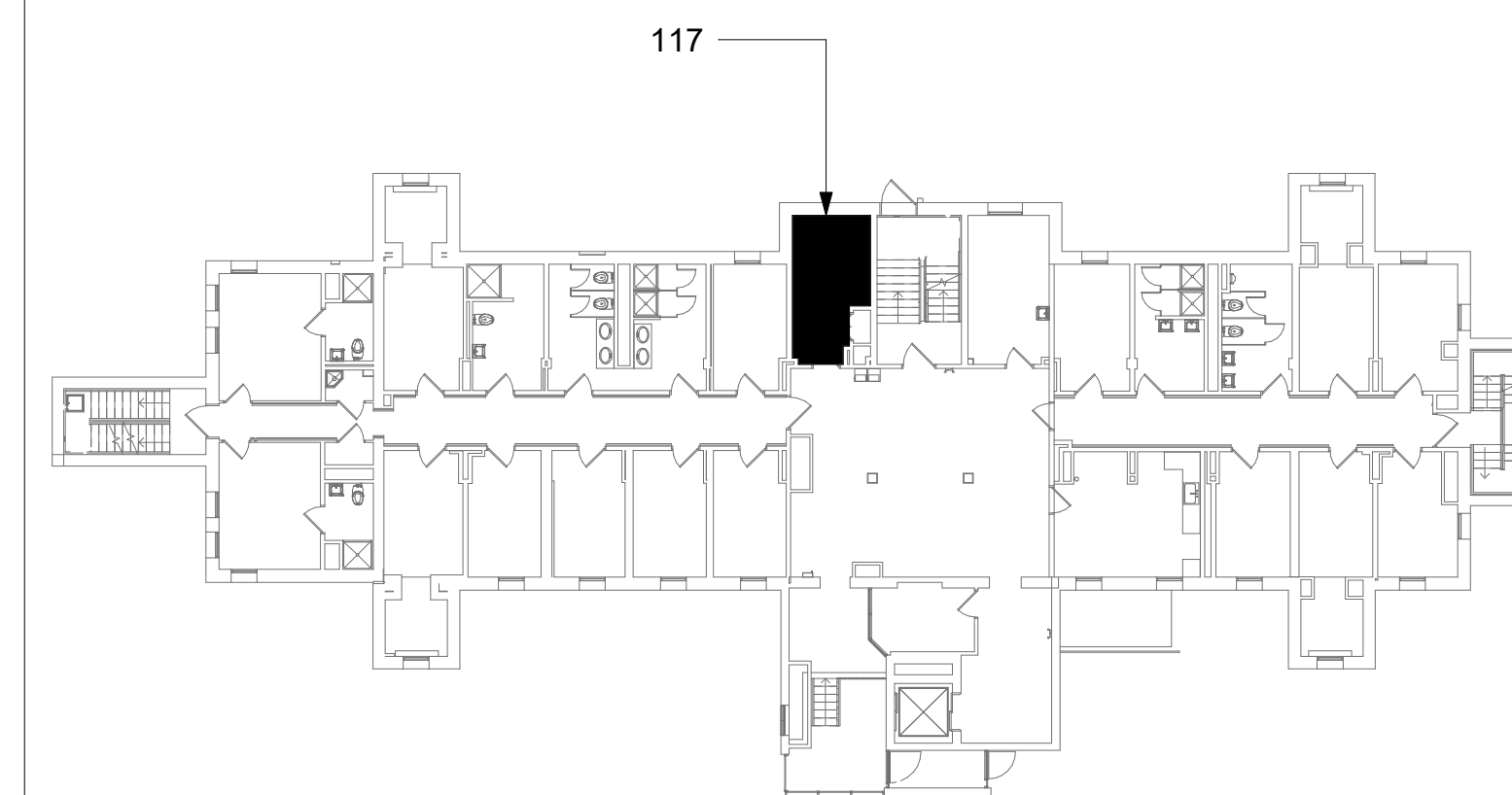
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- CONTRACTOR SHALL PROVIDE, INSTALL, AND TERMINATE HORIZONTAL CAT 6A CABLING FROM EACH WAO (WORK AREA OUTLET) TO ITS RESPECTIVE TR.
- PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS 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.
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KEY NOTES

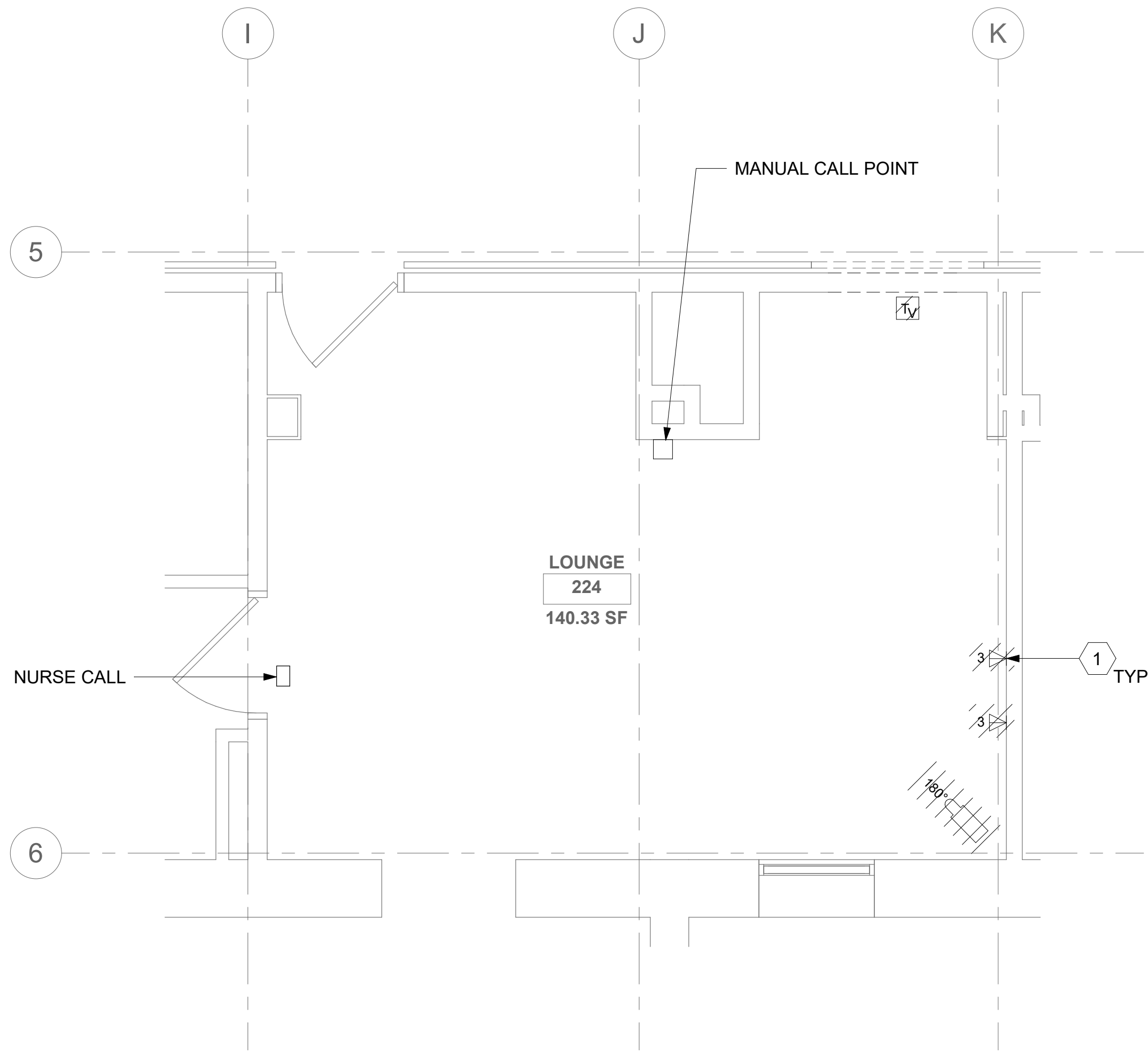
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- RELOCATE EQUIPMENT AND ASSOCIATED CONNECTIONS TO COORDINATE WITH INSTALLATION OF ELECTRICAL PANEL; EXACT LOCATION TO BE FIELD COORDINATED.

KEY PLAN

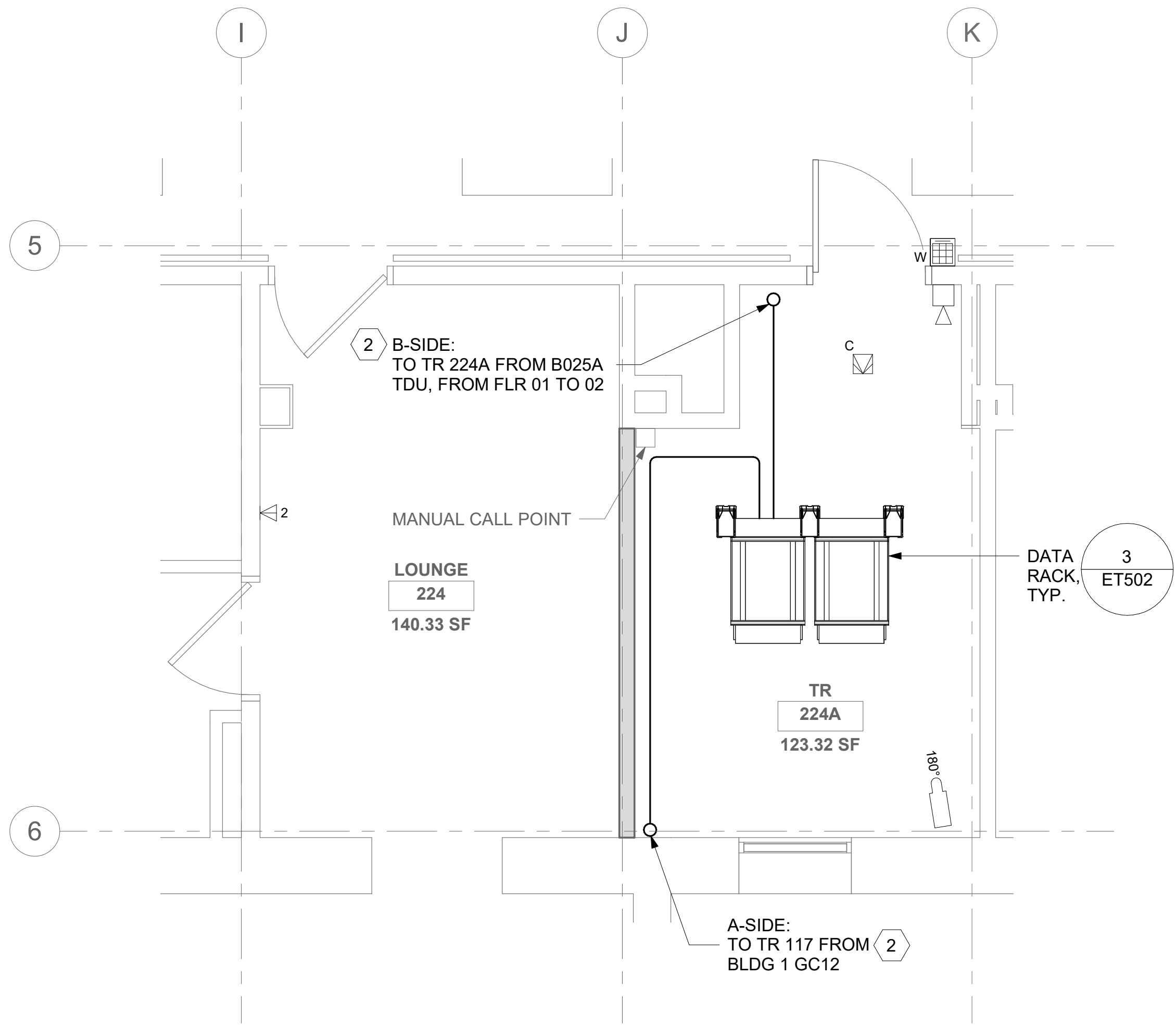


AREA OF WORK

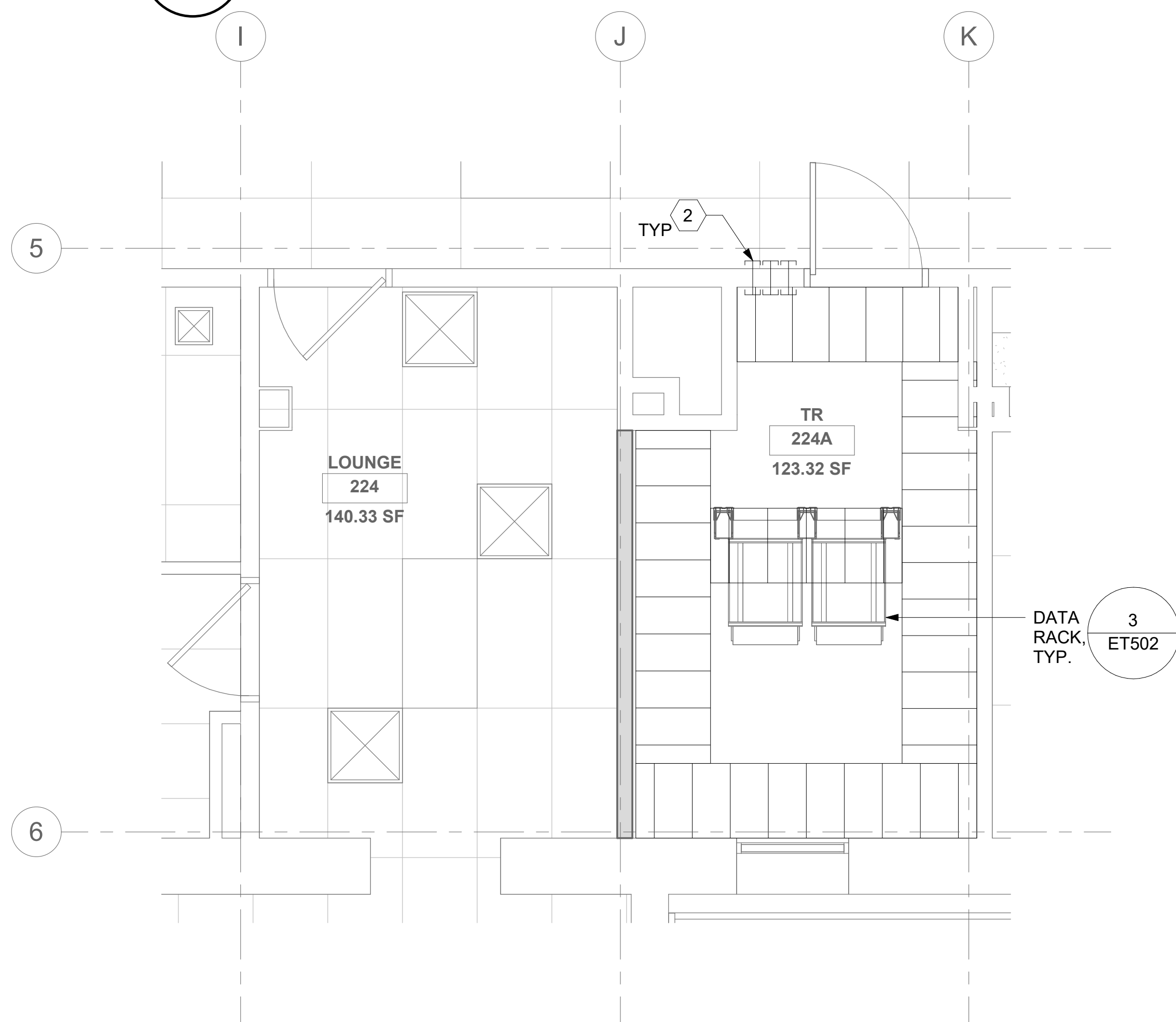
CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number	
SPEES DESIGN BUILD		SPEES DESIGN BUILD		STATE OF WASHINGTON		VA		BLDG 03 - FLOOR 1 - ENLARGED TELECOMMUNICATIONS PLANS		CONSTRUCTION DOCUMENTS		EHRM INFRASTRUCTURE UPGRADES		657-21-701JB	
625 1ST AVE, STE 301		625 1ST AVE, STE 301		55081				Approved:				ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO		Building Number	
SEATTLE, WA 98104		SEATTLE, WA 98104		3-31-23								Location		03	
(206) 590-2118		(206) 590-2118		PROFESSIONAL ENGINEER								Issue Date		Drawing Number	
RAY SPEES		RAY SPEES										03/31/2022		03ET401	
												Checked		379 OF 435	
												LRL/WM			
												Drawn			
												JGE/JBB			
Revisions:		Date:													



1 RM 224 - DEMOLITION FLOOR PLAN
03ET102 3/8" = 1'-0"



2 RM 224 - TELECOMMUNICATIONS PLAN
03ET102 3/8" = 1'-0"



3 RM 224A - OVERHEAD PLAN LEVEL 1
03ET102 3/8" = 1'-0"

4 NOT USED

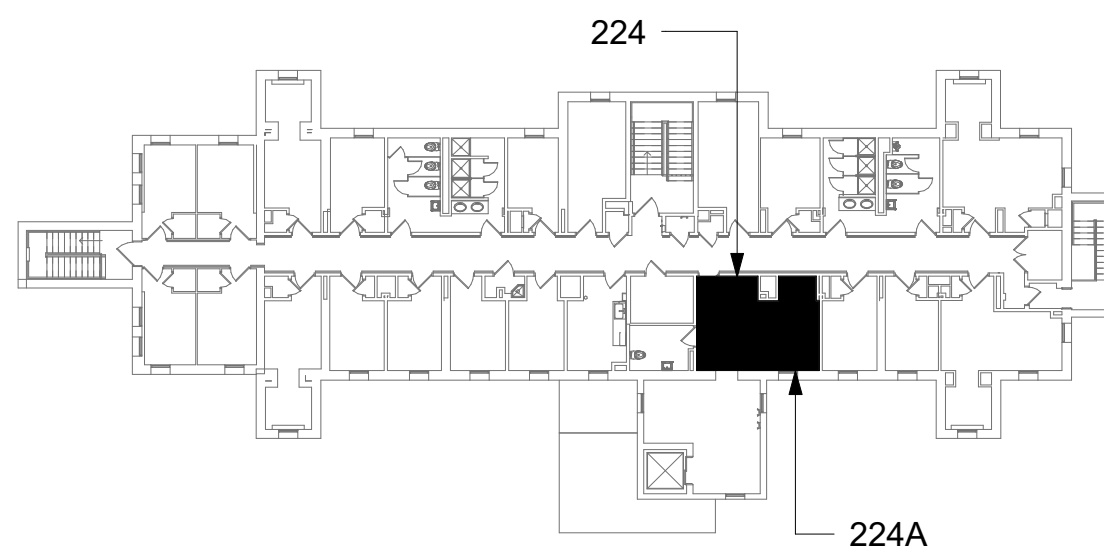
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- ALL TELECOMMUNICATION ROOMS SHALL BE PROVIDED WITH FIRE-RATED PLYWOOD BACKBOARDS. REFERENCE EXACT PLACEMENTS WITH ARCHITECTURE DRAWINGS AS REQUIRED.
- FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/ CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT 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.

KEY PLAN



AREA OF WORK

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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

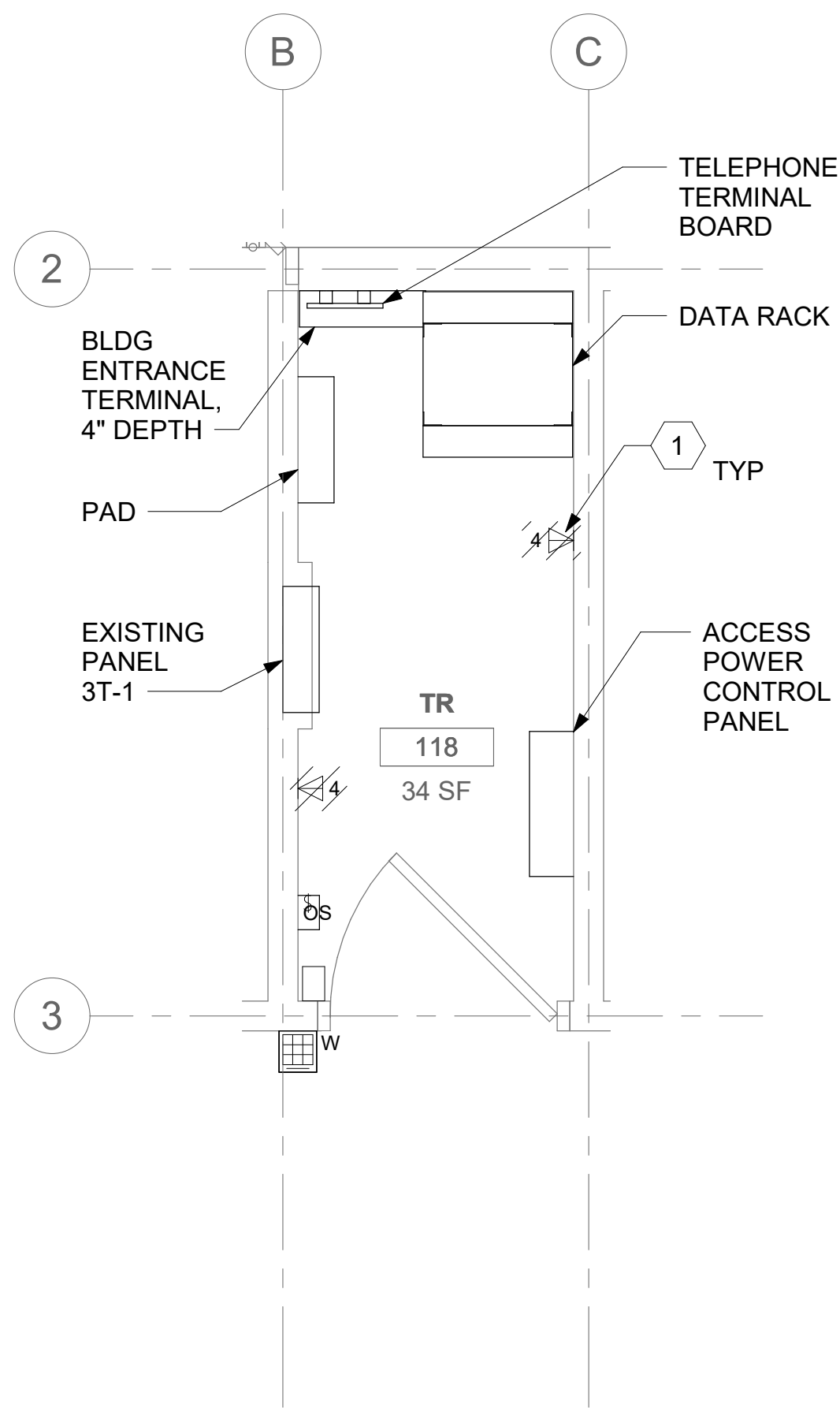
Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

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

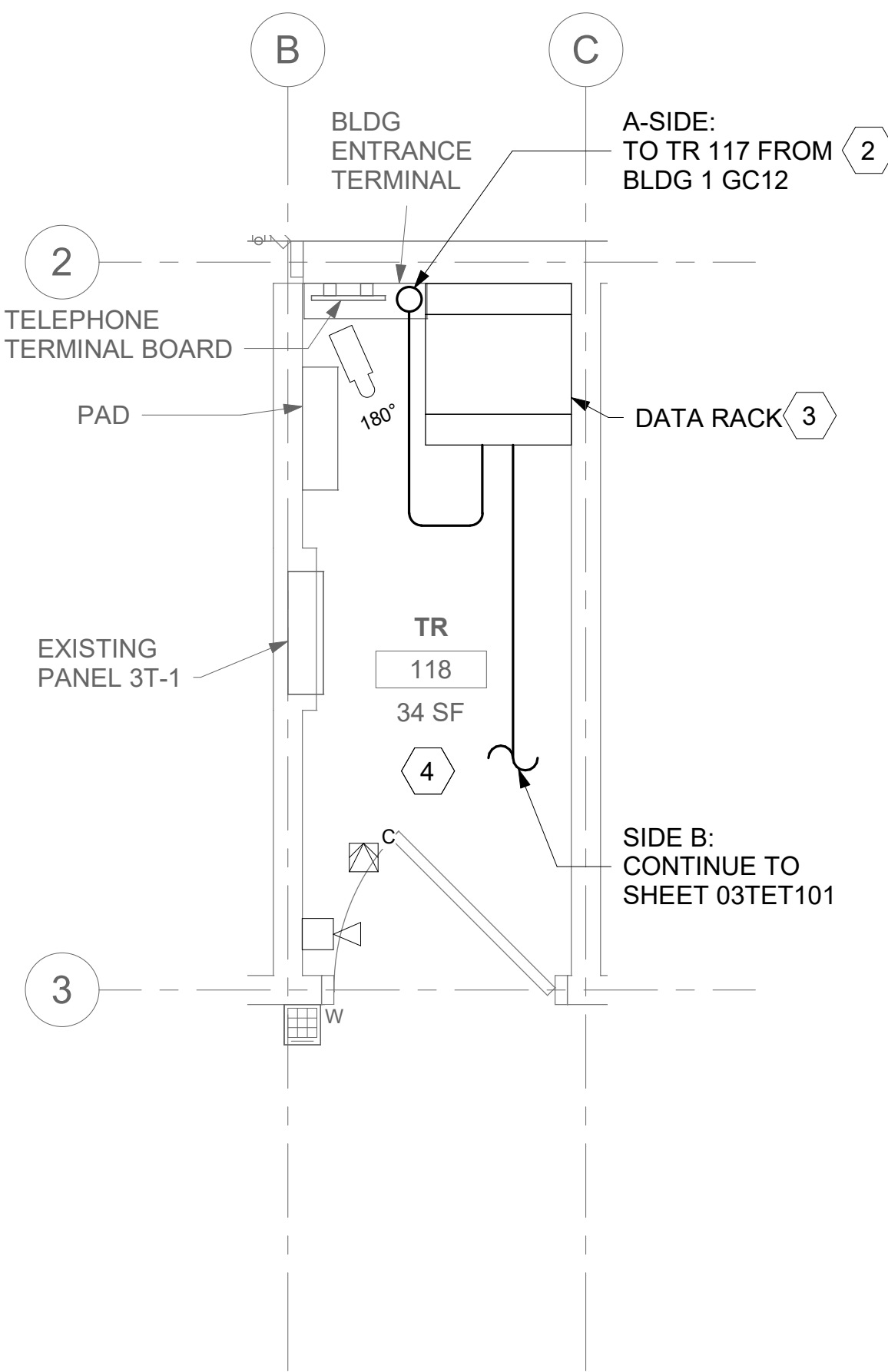
Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

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

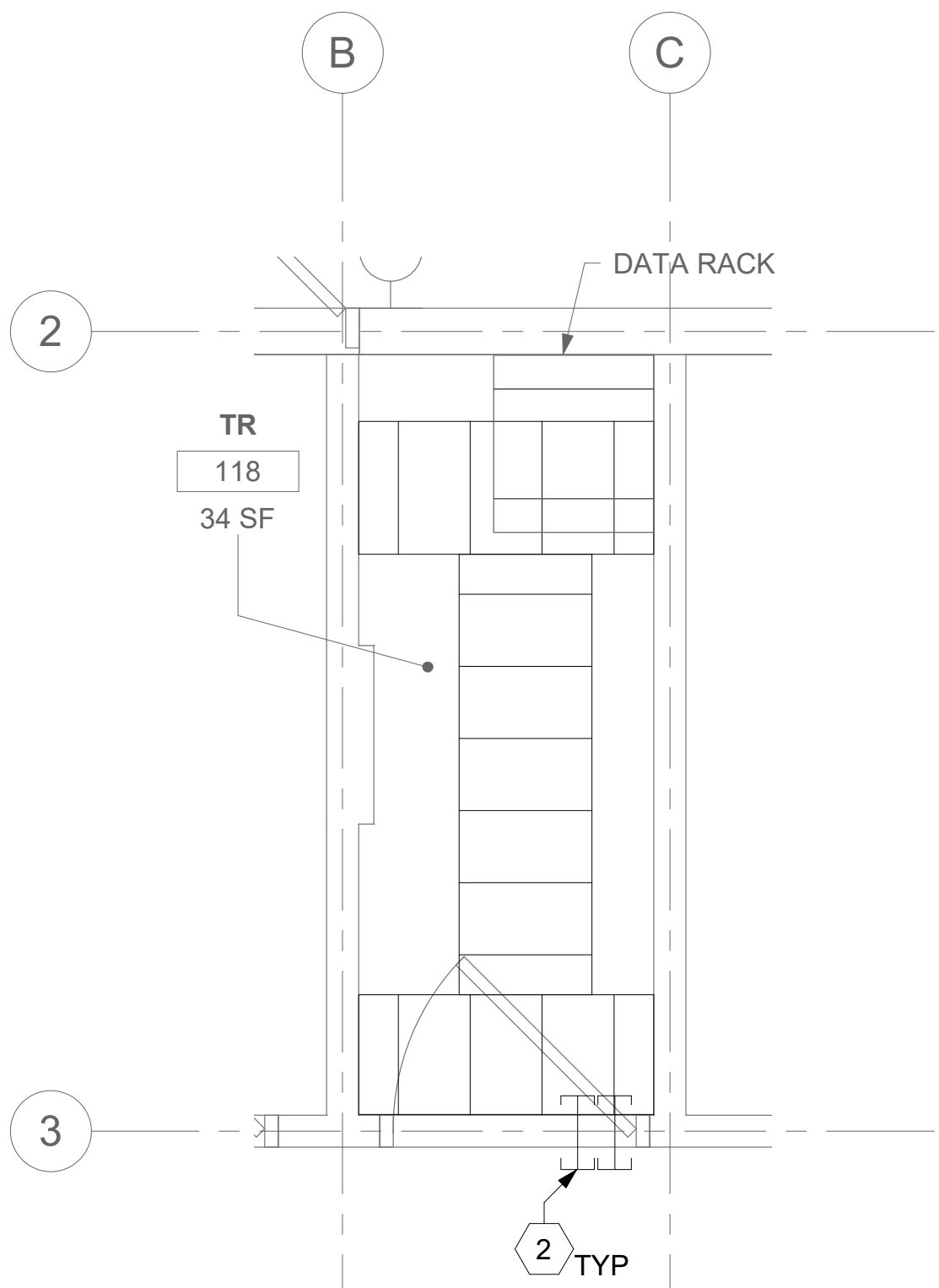
Project Number
657-21-701JB
Building Number
03
Drawing Number
03ET402
380 OF 435



1 RM 118 - DEMOLITION FLOOR PLAN
03TET101 1/2" = 1'-0" PROJECT NORTH



2 RM 118 - TELECOMMUNICATIONS PLAN
03TET101 1/2" = 1'-0" PROJECT NORTH



3 RM 118 - OVERHEAD PLAN LEVEL 1
03TET101 1/2" = 1'-0" PROJECT NORTH

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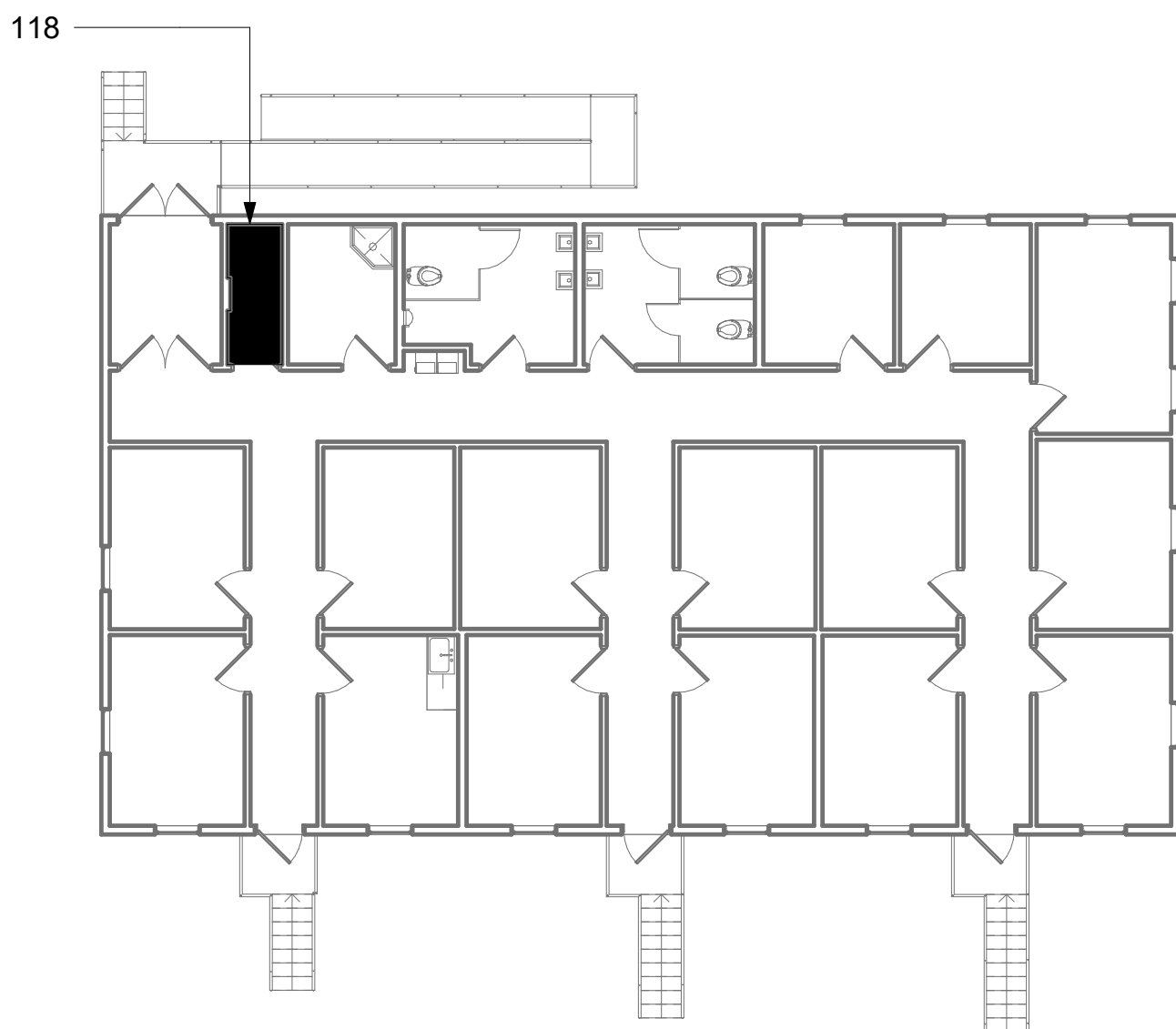
GENERAL NOTES

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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 CAT 6A 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.
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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.
- REPLACE EXISTING FIBER DISTRIBUTION CABINET WITH NEW FIBER DISTRIBUTION CABINET AND CASSETTES AS REQUIRED; LEVITON ANGLED OPT-X UHDX WITH HDX ENTERPRISE MTP CASSETTES, OR EQUAL.
- 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



AREA OF WORK

		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number	
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										Approved:						Building Number	
												FULLY SPRINKLERED		Location		Drawing Number	
														ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO		03TET401	
														Issue Date		Checked	
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																Drawn	
																JGE/JBB	
Revisions:		Date:														381 OF 435	

A

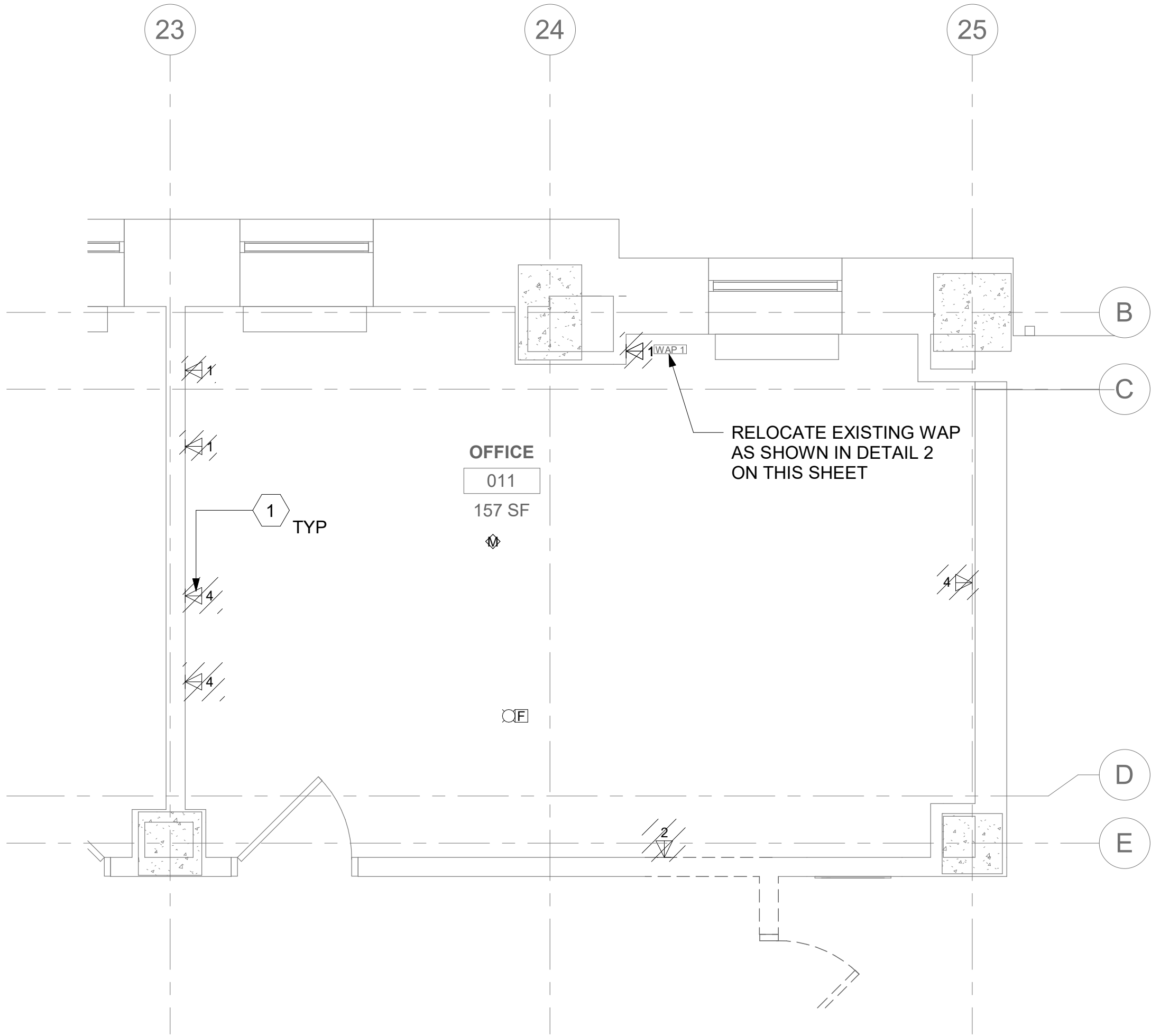
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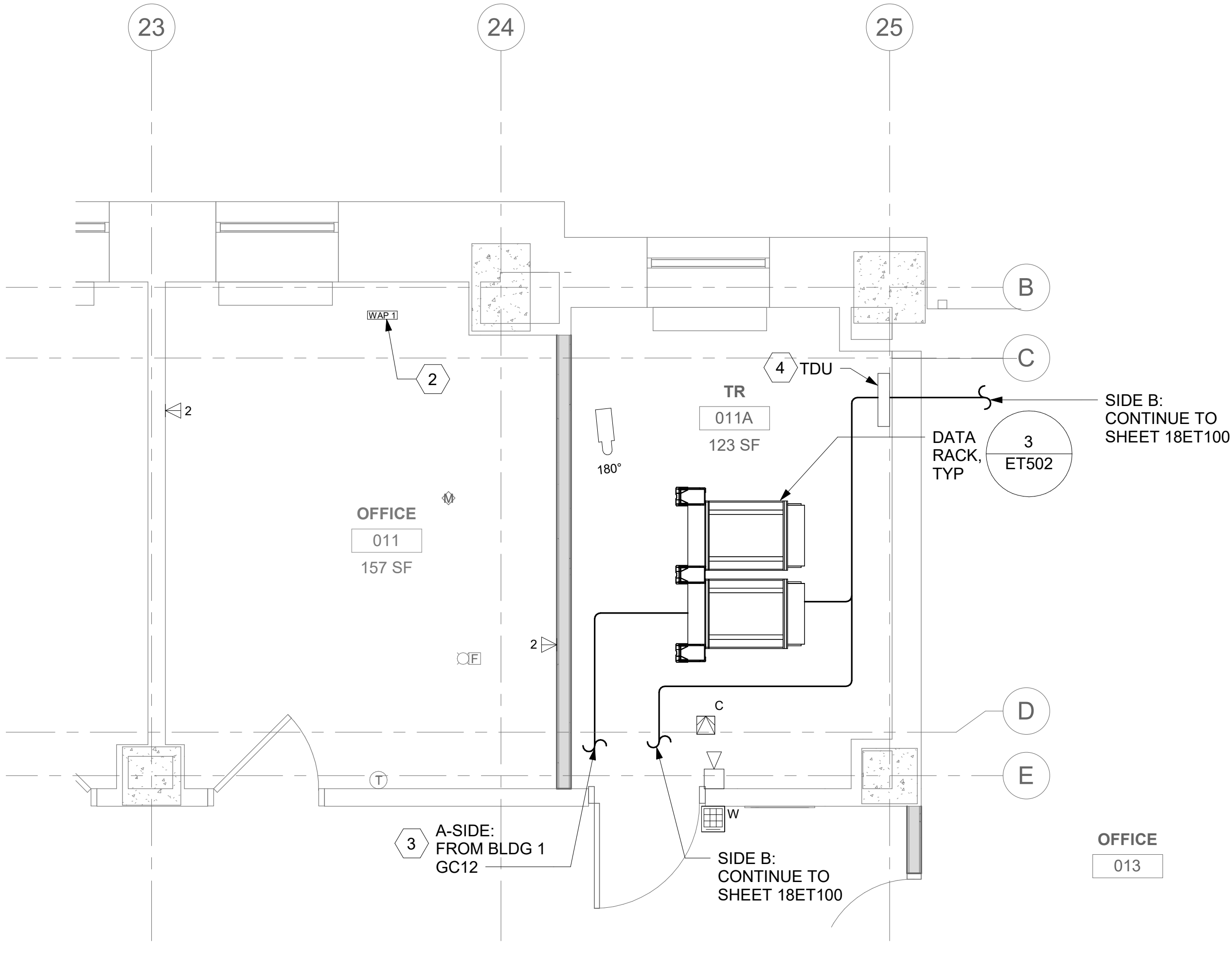
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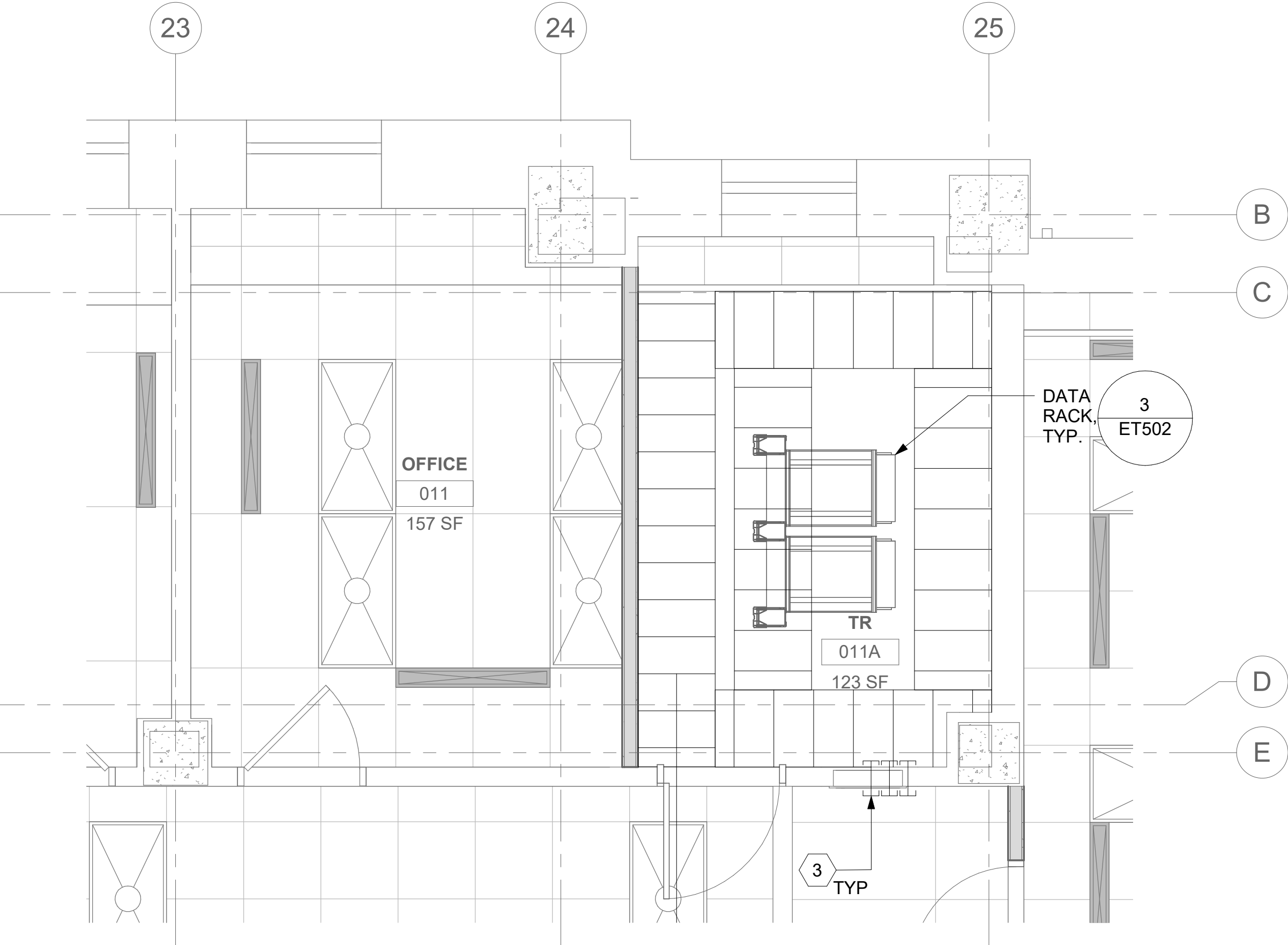
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1 RM 011& RM 011A - DEMOLITION FLOOR PLAN
18ET100 3/8" = 1'-0"



2 RM 011A - TELECOMMUNICATIONS PLAN
18ET100 3/8" = 1'-0"



3 RM 011A - OVERHEAD PLAN LEVEL 1
18ET100 3/8" = 1'-0"

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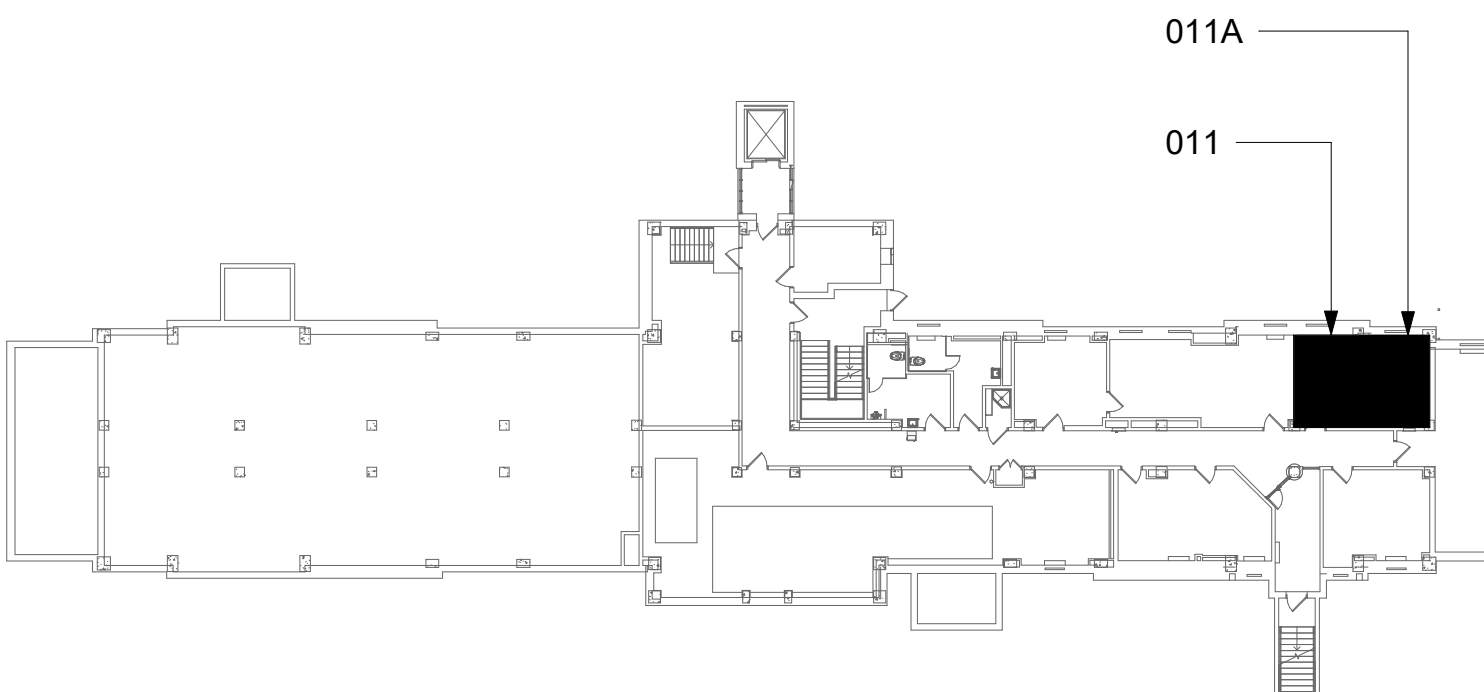
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- PROVIDE 1" CONDUIT FROM NEW BACKBOX TO ACCESSIBLE CEILING SPACE FOR ALL OUTLETS IDENTIFIED AS NEW.
- PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
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KEY NOTES

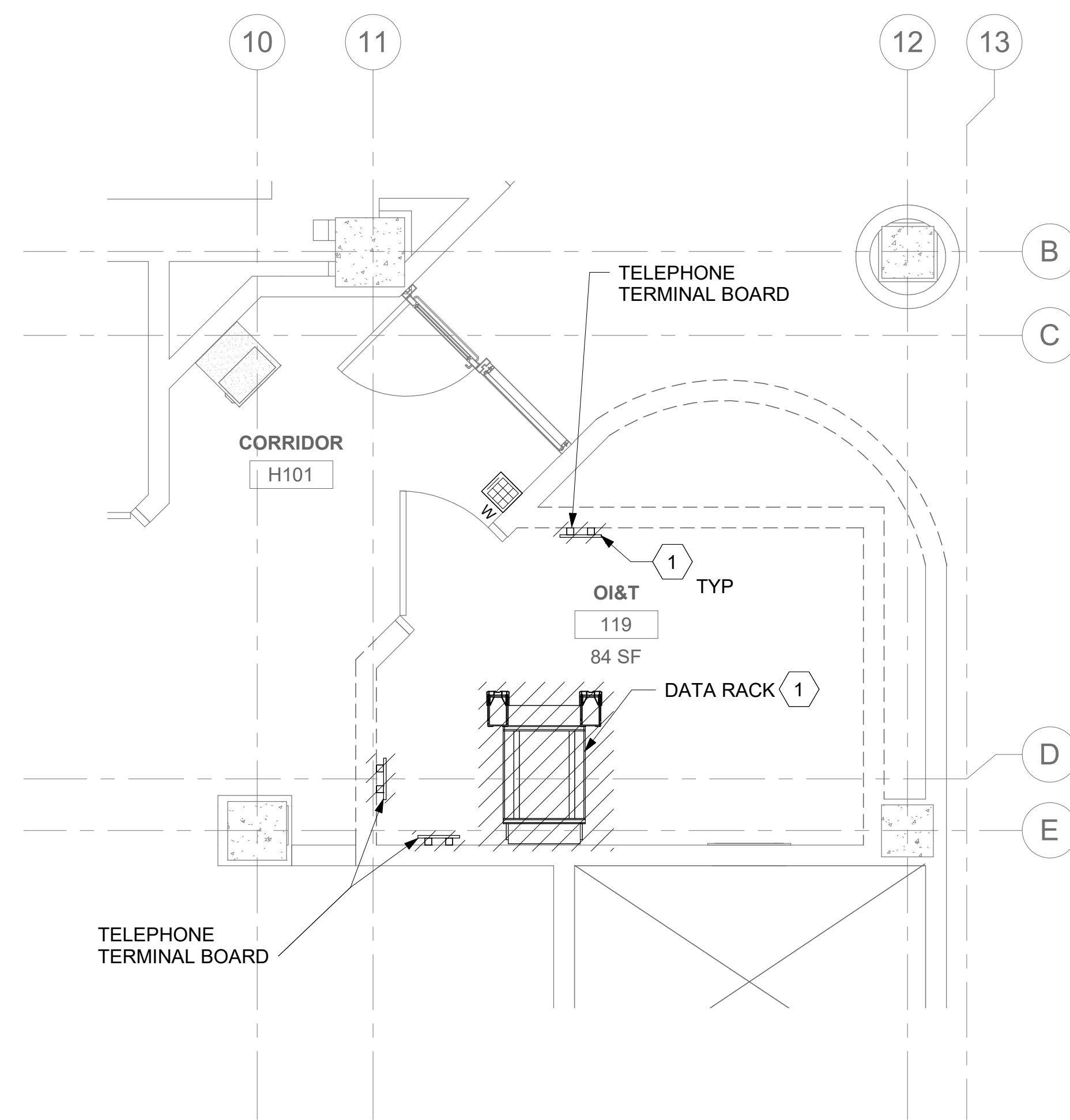
- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
- EXISTING WIRELESS ACCESS POINT RE-FED WITH CAT6A CABLING.
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- TUBE DISTRIBUTION UNIT (TDU). REFERENCE COMMUNICATION DRAWINGS FOR ADDITIONAL INFORMATION.

KEY PLAN

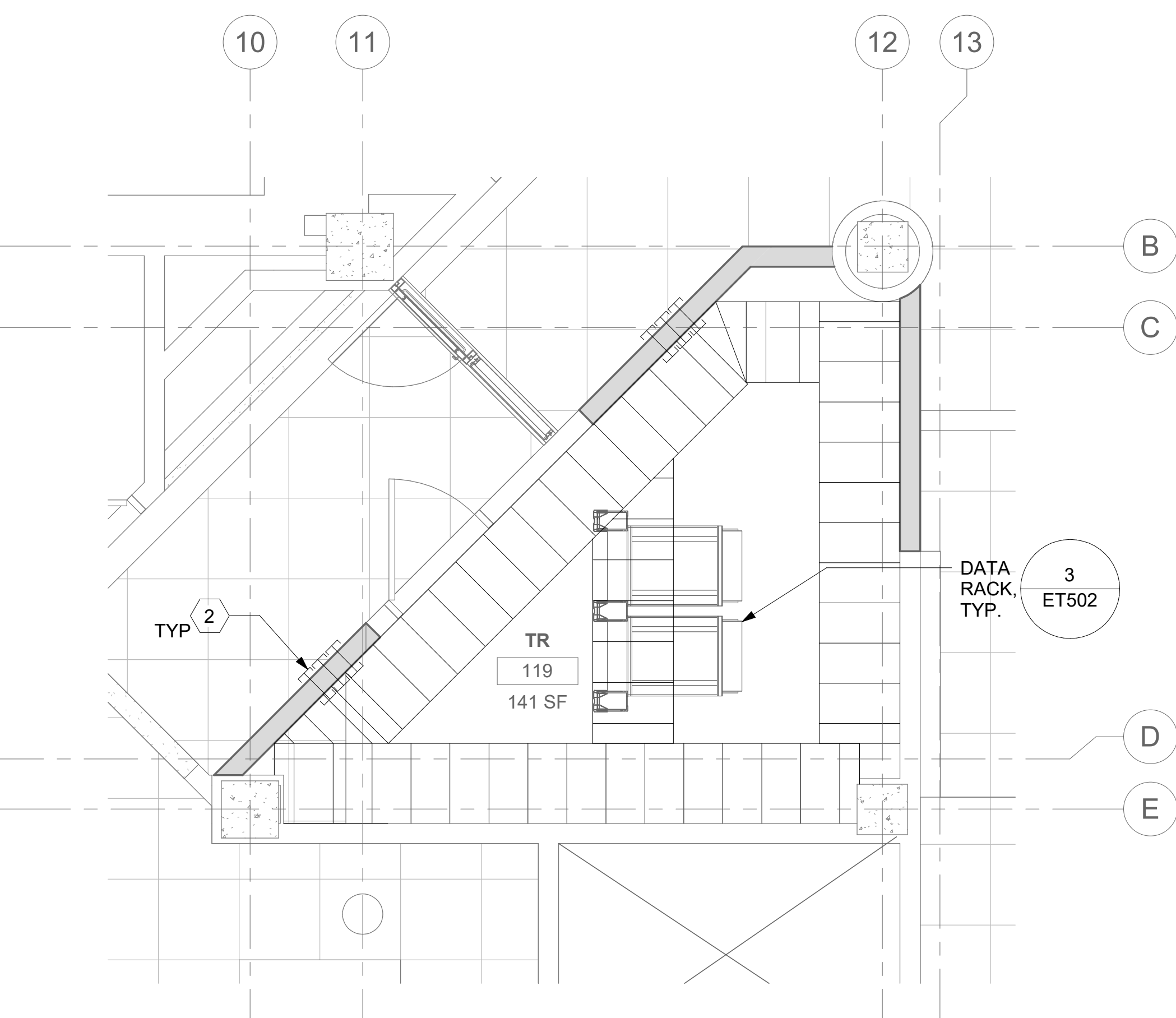


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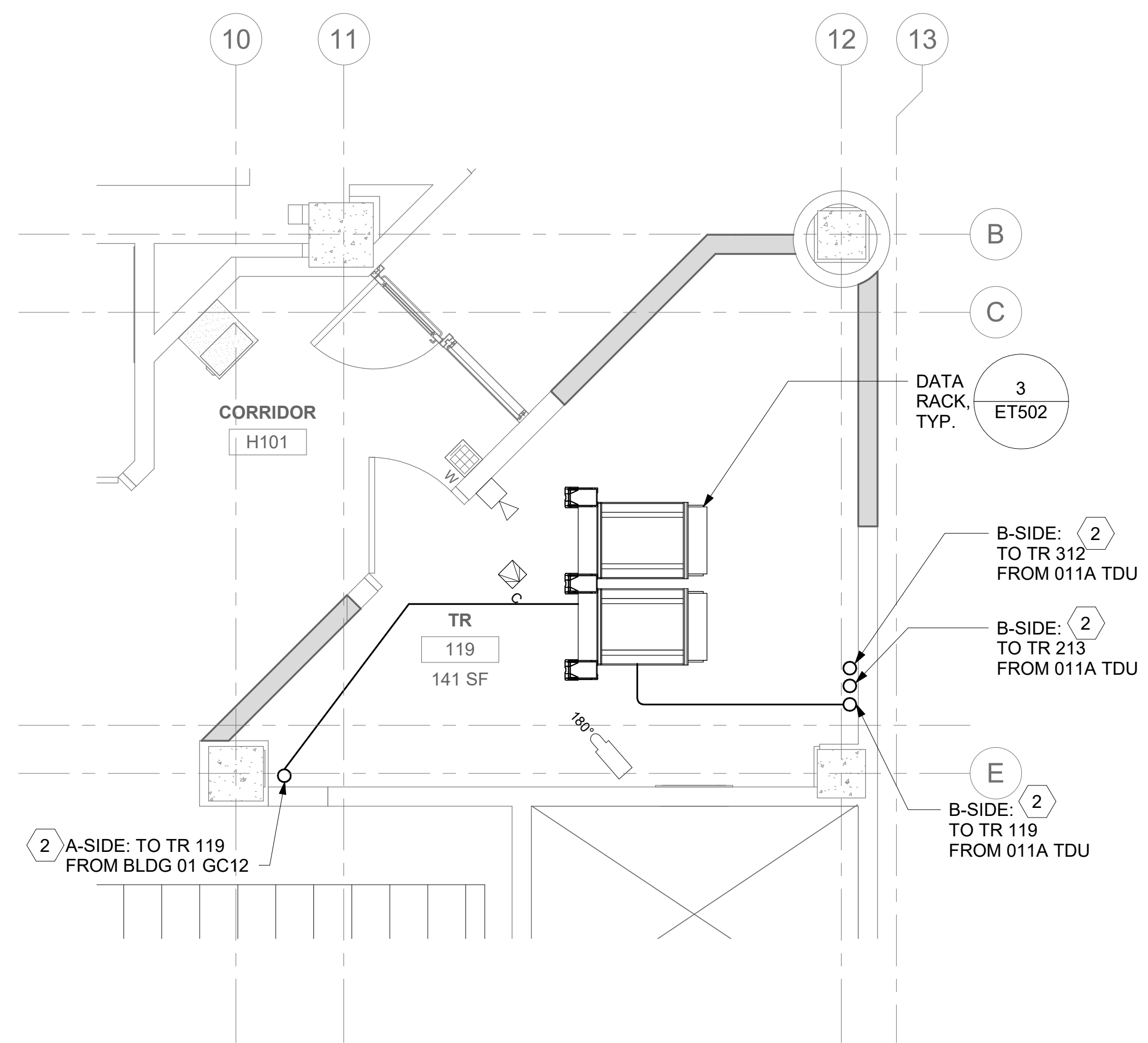
Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES	STAMP LOUIS R. LITZKO STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER 3-31-23	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title BLDG 18 - FLOOR 0 - ENLARGED TELECOMMUNICATIONS PLANS Approved:	Phase CONSTRUCTION DOCUMENTS NON SPRINKLERED	Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 657-21-701JB Building Number 18 Drawing Number 18ET400 382 OF 435



1 RM 119 - DEMOLITION FLOOR PLAN
18ET101 3/8" = 1'-0"



3 RM 119 - OVERHEAD PLAN LEVEL 1
18ET101 3/8" = 1'-0"



2 RM 119 - TELECOMMUNICATIONS PLAN
18ET101 3/8" = 1'-0"

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4 NOT USED
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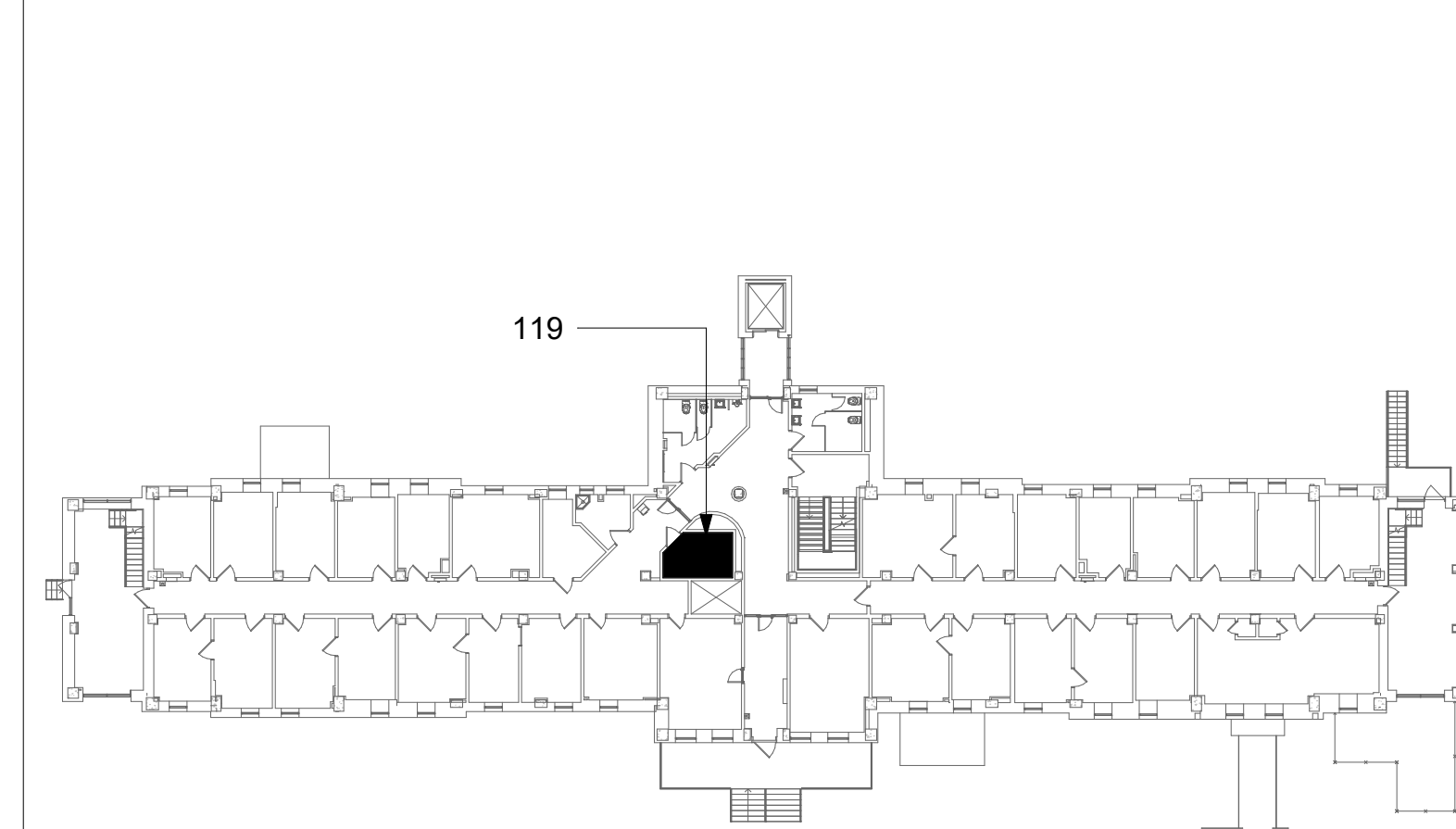
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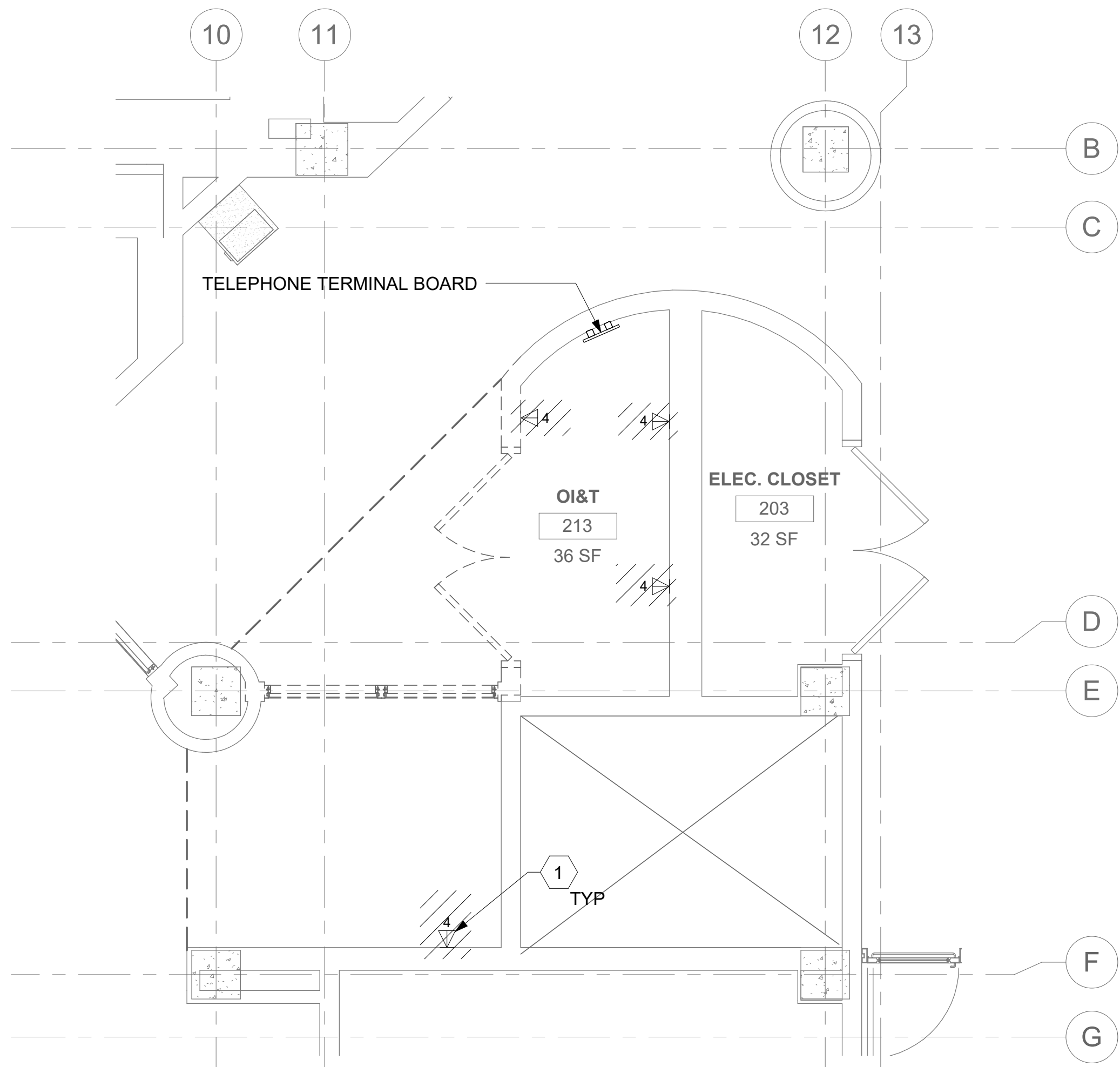
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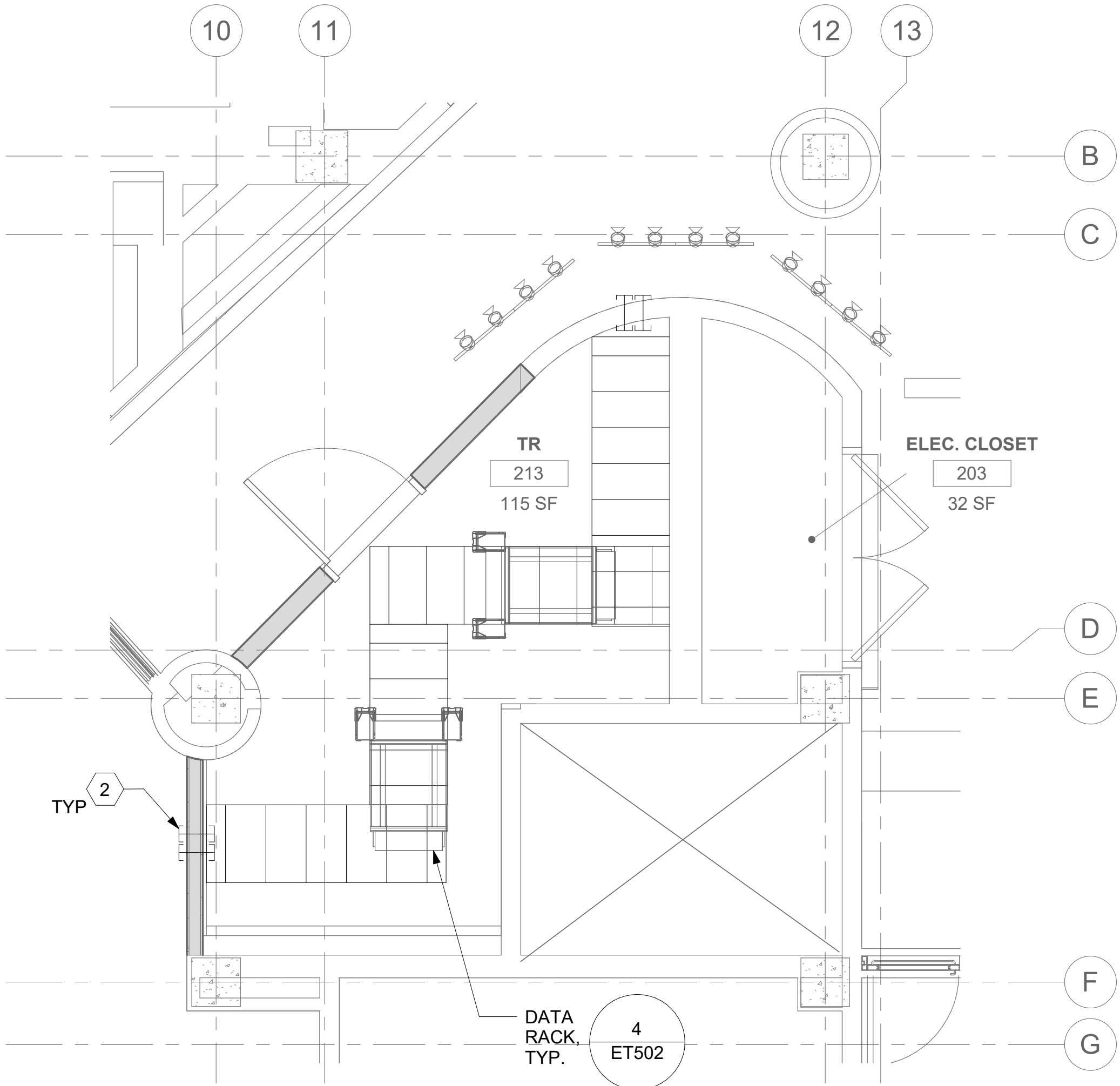
KEY PLAN



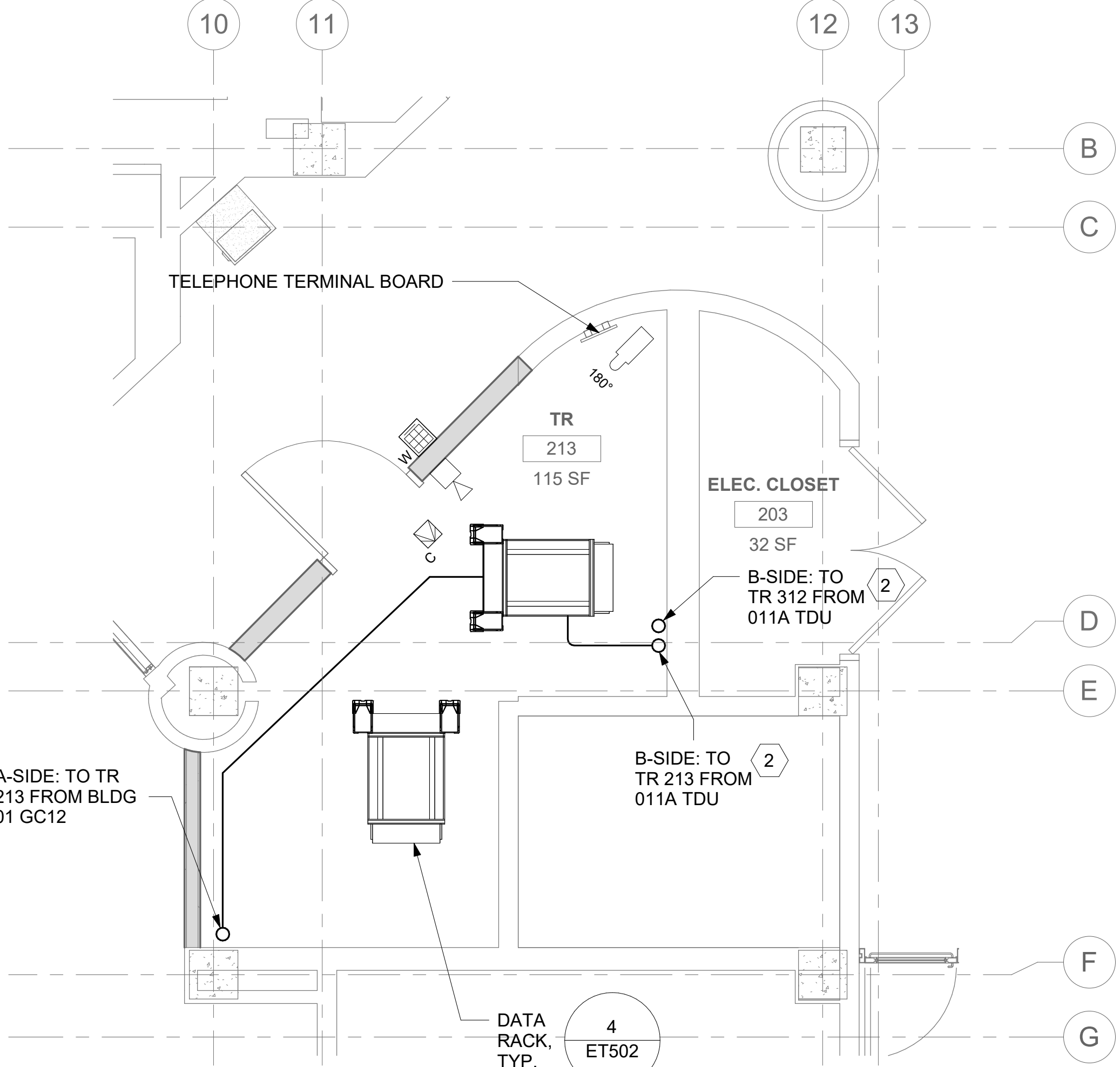
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1 RM 212A & RM 213 - DEMOLITION FLOOR PLAN
18ET102 3/8" = 1'-0" PROJECT NORTH



3 RM 213 - OVERHEAD PLAN LEVEL 1
18ET102 3/8" = 1'-0" PROJECT NORTH



2 RM 213 - TELECOMMUNICATIONS PLAN
18ET102 3/8" = 1'-0" PROJECT NORTH

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

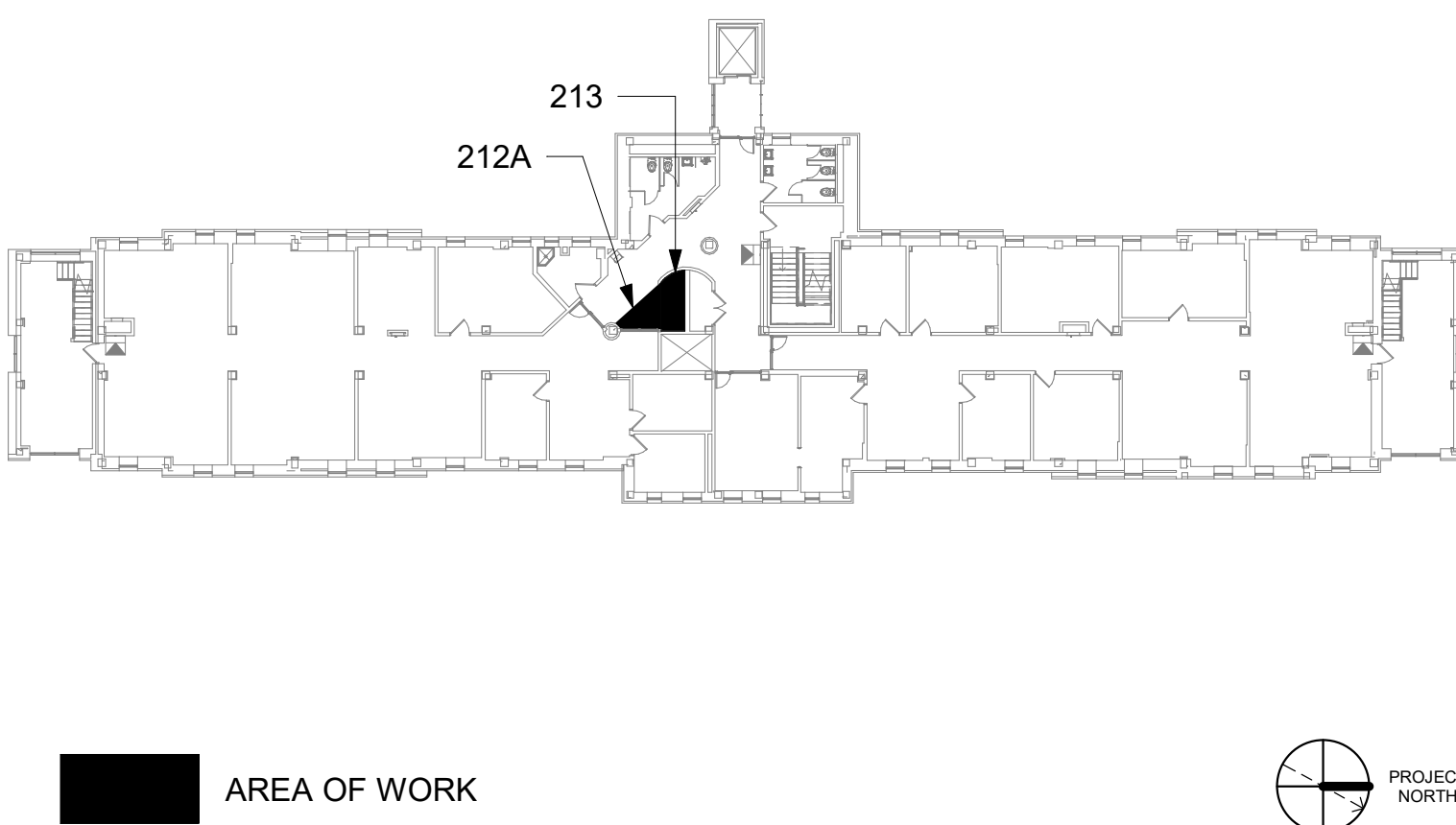
GENERAL NOTES:



- 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 5E 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.
- PROVIDE 1" CONDUIT FROM NEW BACKBOX TO ACCESSIBLE CEILING SPACE FOR ALL OUTLETS IDENTIFIED AS NEW.
- 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 IF 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.

KEY PLAN



		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			BLDG 18 - FLOOR 2 - ENLARGED TELECOMMUNICATIONS PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB		
					VA U.S. Department of Veterans Affairs	Approved:	NON SPRINKLERED	Location	Building Number		
						ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO		18			
Revisions:		Date:						Issue Date	Checked	Drawn	Drawing Number
								03/31/2022	LRL/WM	JGE/JBB	18ET402
											384 OF 435

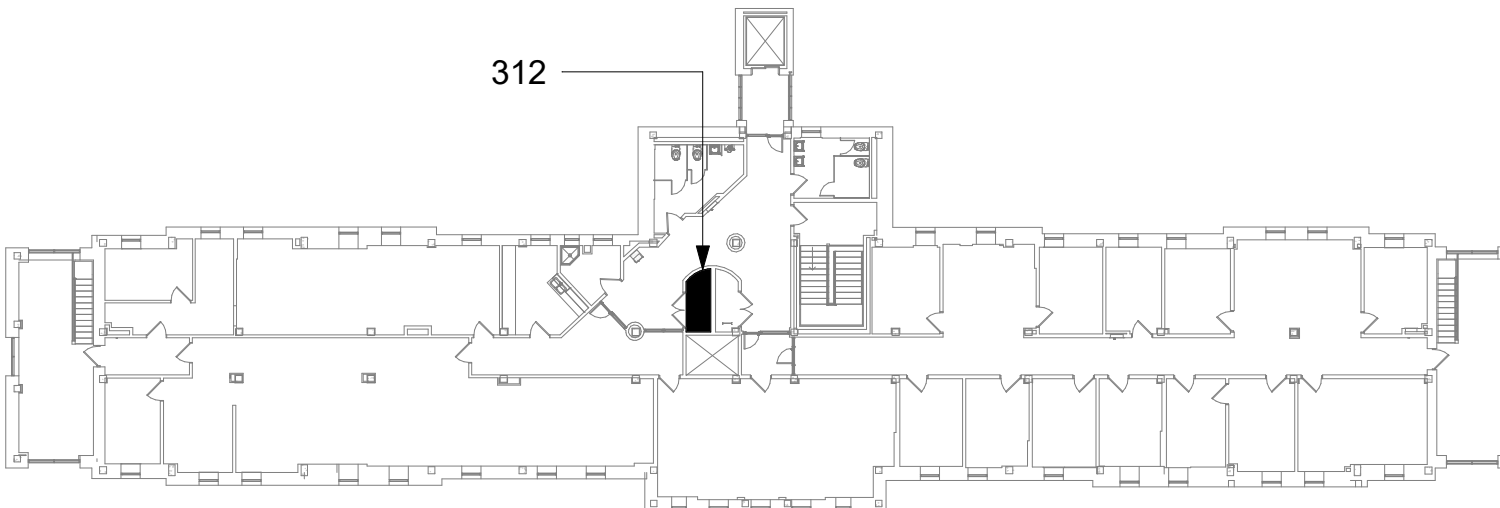
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KEY NOTES

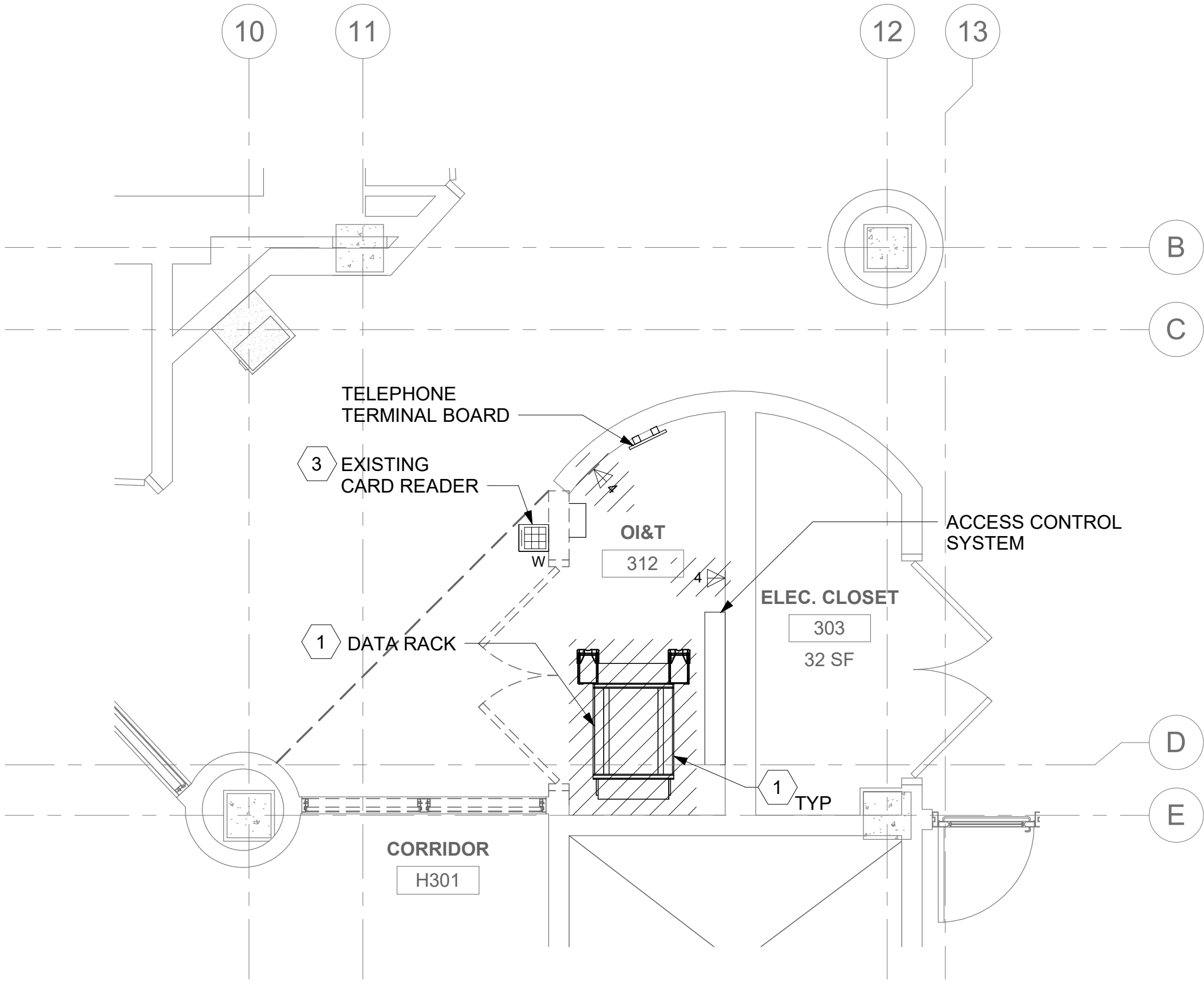
- EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
- PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SLEEVES SHALL BE HILTI QUICK RELEASE SLEEVES, OR REVIEWED EQUAL. REFERENCE DETAIL "2" ON SHEET ET503 FOR ADDITIONAL INFORMATION.
- EXISTING EQUIPMENT SHALL BE RELOCATED AS SHOWN. EXTEND ALL RACEWAYS AND CONDUCTORS AS REQUIRED.

KEY PLAN

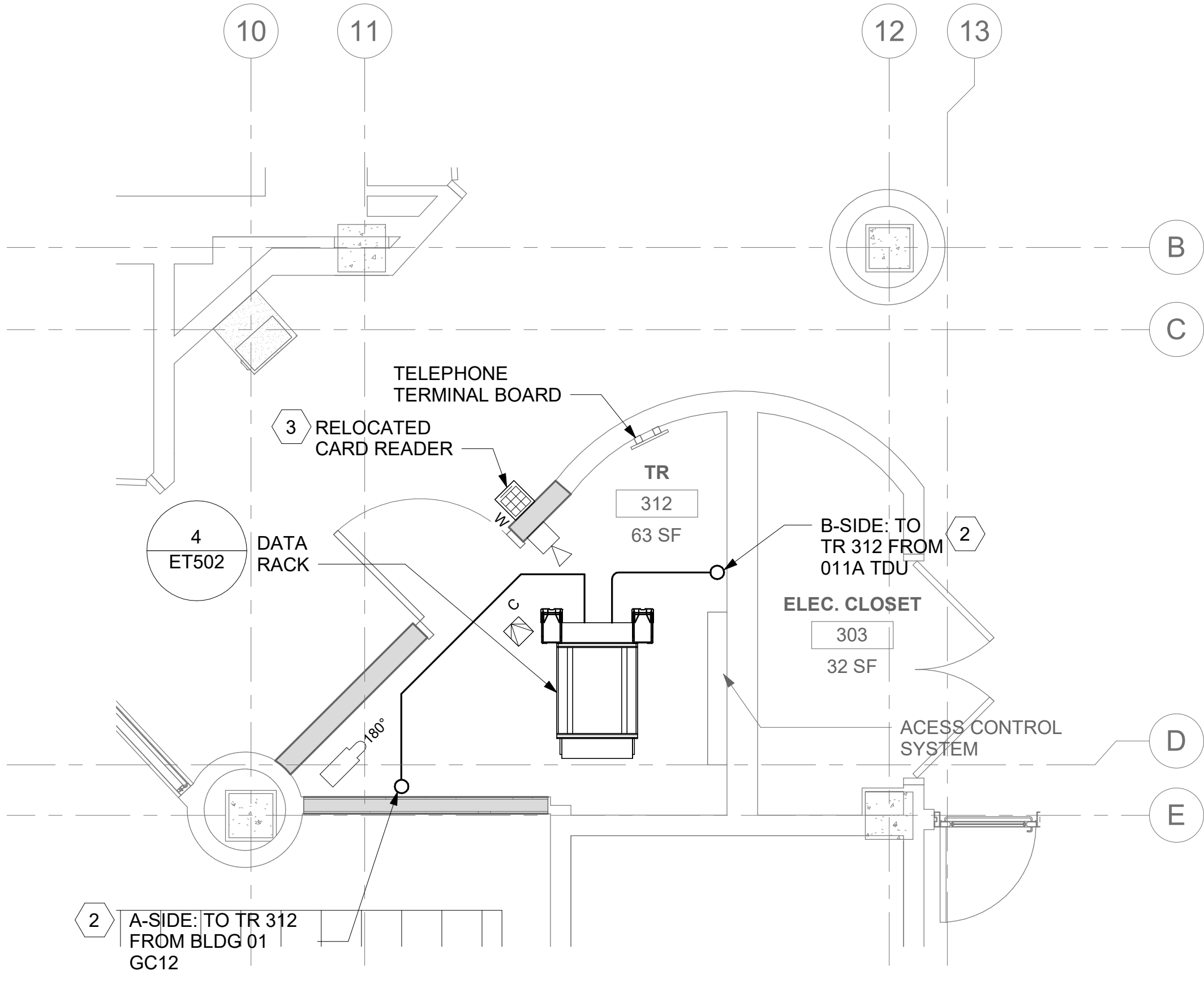


AREA OF WORK

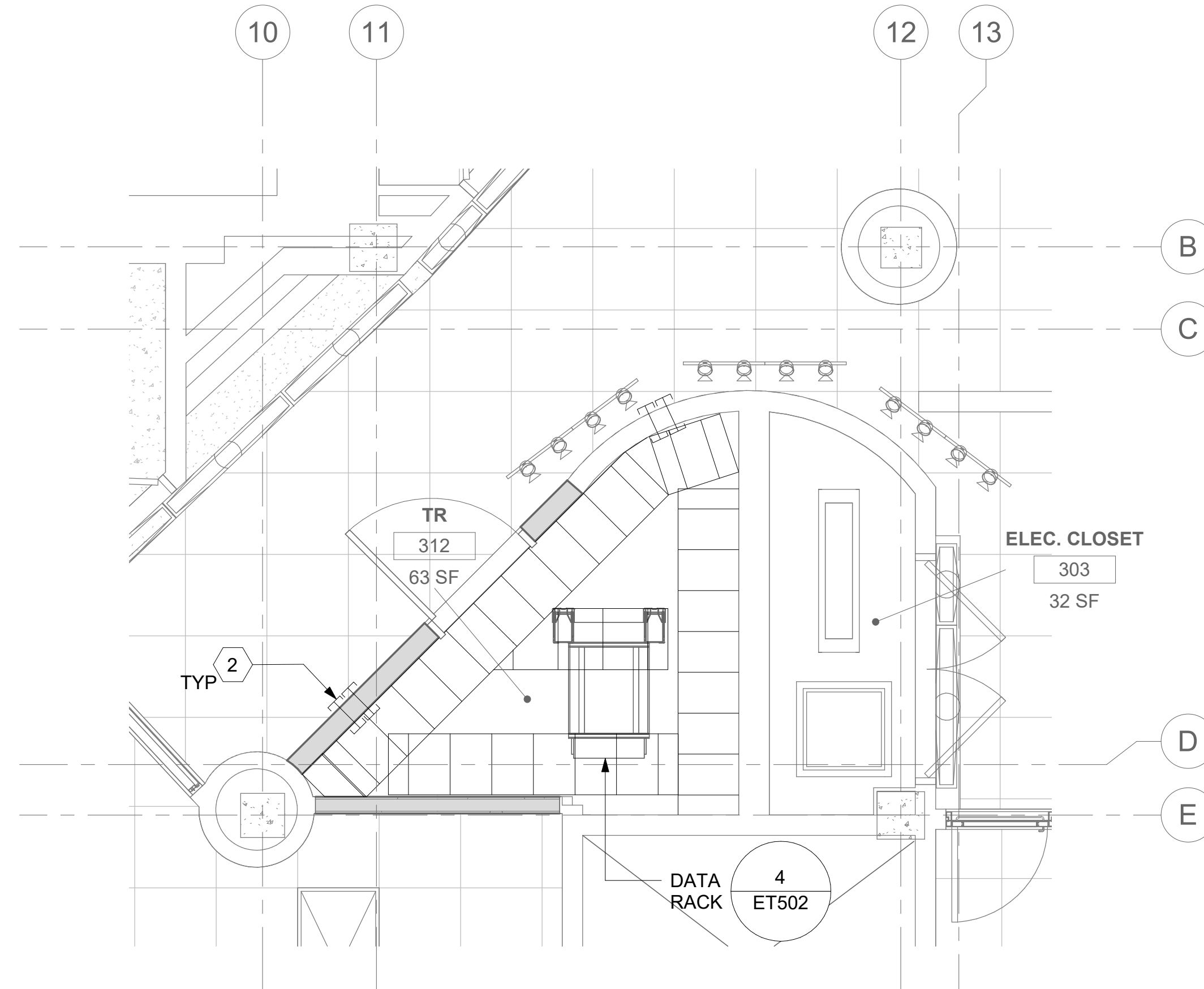
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1 RM 312 - DEMOLITION FLOOR PLAN
18ET103 3/8" = 1'-0"



2 RM 312 - TELECOMMUNICATIONS PLAN
18ET103 3/8" = 1'-0"



3 RM 312 - OVERHEAD PLAN LEVEL 1
18ET103 3/8" = 1'-0"

4 NOT USED
-

		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	LOUIS R. LITZKO STATE OF WASHINGTON 55081 3-31-23 REGISTERED PROFESSIONAL ENGINEER	VA U.S. Department of Veterans Affairs	BLDG 18 - FLOOR 3 - ENLARGED TELECOMMUNICATIONS PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
						Approved:	NON SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 18
								Issue Date 03/31/2022	Checked LRL/WM
								Drawn JGE/JBB	Drawing Number 18ET403
									385 OF 435