

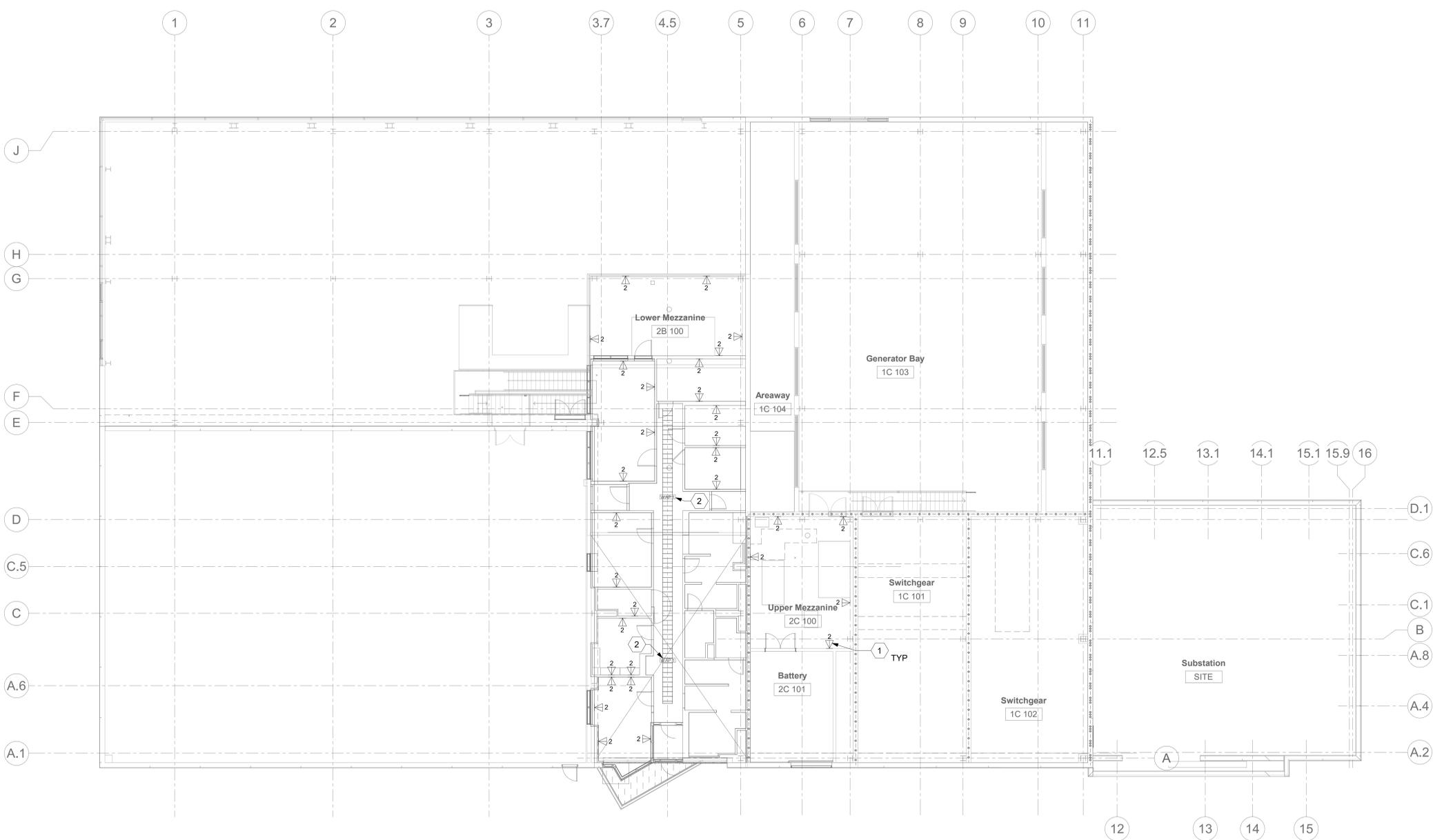
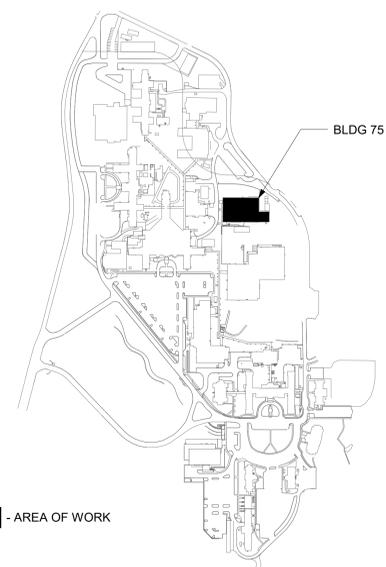
GENERAL NOTES

- 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 AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED.
- 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 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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- 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

- PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE SHEET DETAIL '1' ON SHEET ET503 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA FOR EXACT OUTLET PLACEMENT.
- ALL EXISTING WIRELESS ACCESS POINTS (WAP) SHALL BE RE-FED WITH CAT 6A CABLING. CONTRACTOR SHALL FIELD VERIFY QUANTITY AND LOCATIONS OF WAPs.

KEY PLAN



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.

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 1B105 LOCATED ON FLOOR 1.

1 BLDG 75 - MEZZANINE - TELECOMMUNICATIONS PLAN  
1" = 10'-0"

Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title	Phase	Project Title	Project Number
	Date:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES			BLDG 75 - MEZZANINE - TELECOMMUNICATIONS PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					Approved:	FULLY SPRINKLERED	Location	Building Number
							ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	75
							Issue Date	Drawing Number
							03/31/2022	75ET102
							Checked	362 OF 435
							LRU/WNM	
							JGE/JBB	

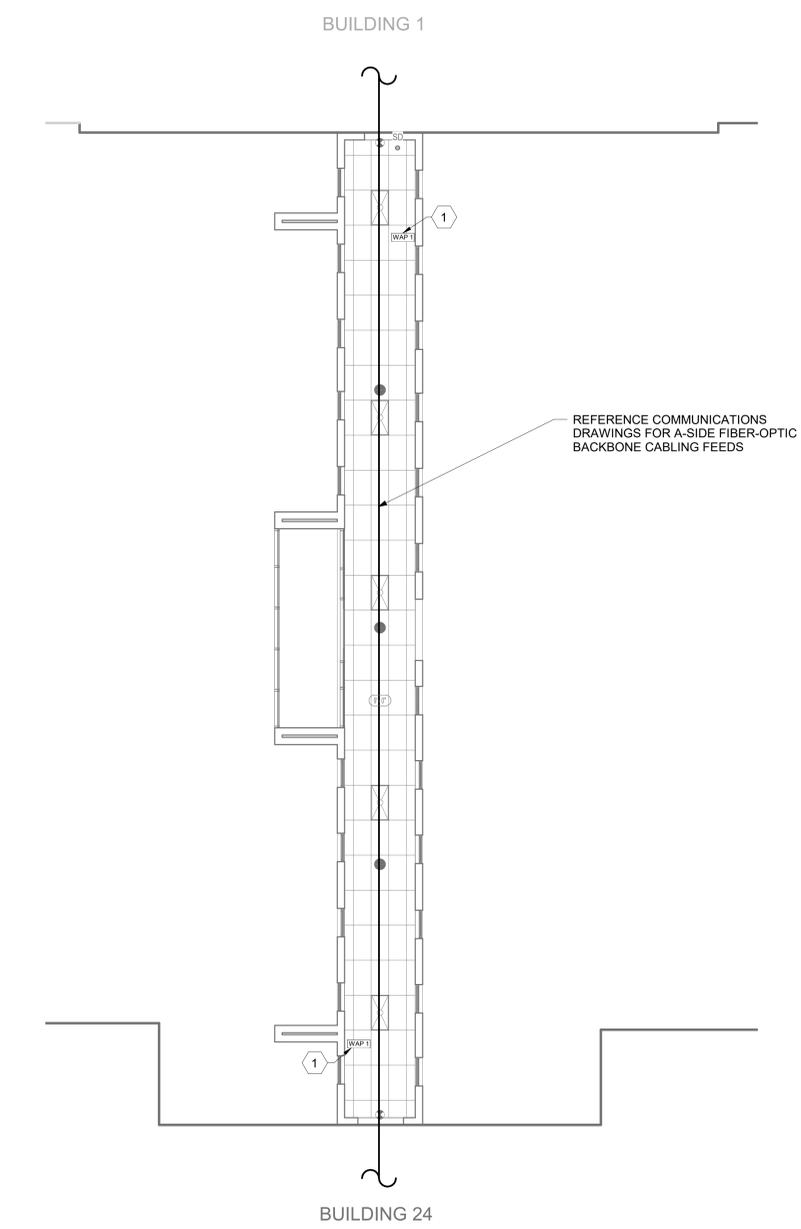
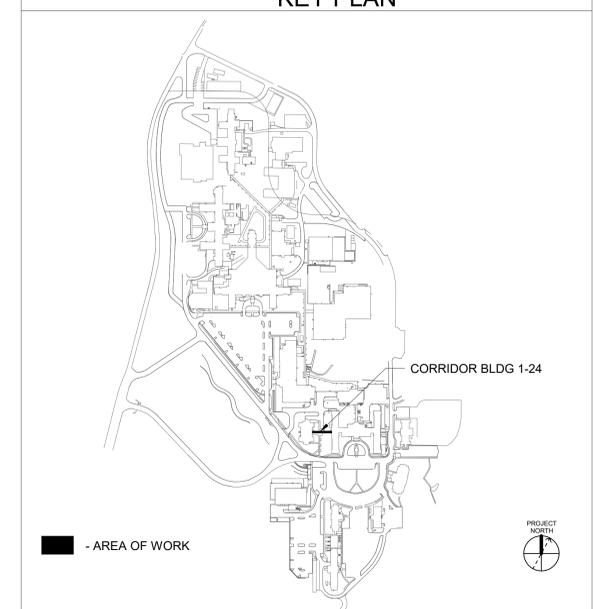
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**KEY NOTES**

- 1 - EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT 6A CABLING.

**KEY PLAN**



**DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM G02A IN BUILDING 24.**

1 BLDG 1-24 - FLOOR 0 - CORRIDOR WIRELESS ACCESS POINT TELECOMMUNICATION PLAN  
 1/8" = 1'-0"

Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title	Phase	Project Title	Project Number
	Date:					BLDG 1-24 - FLOOR 0 - CORRIDOR WIRELESS ACCESS POINT TELECOMMUNICATION PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES
		A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES			Approved:	FULLY SPRINKLERED	Location	Drawing Number
							ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	CET101
							Issue Date	363 OF 435
							Checked	
							Drawn	

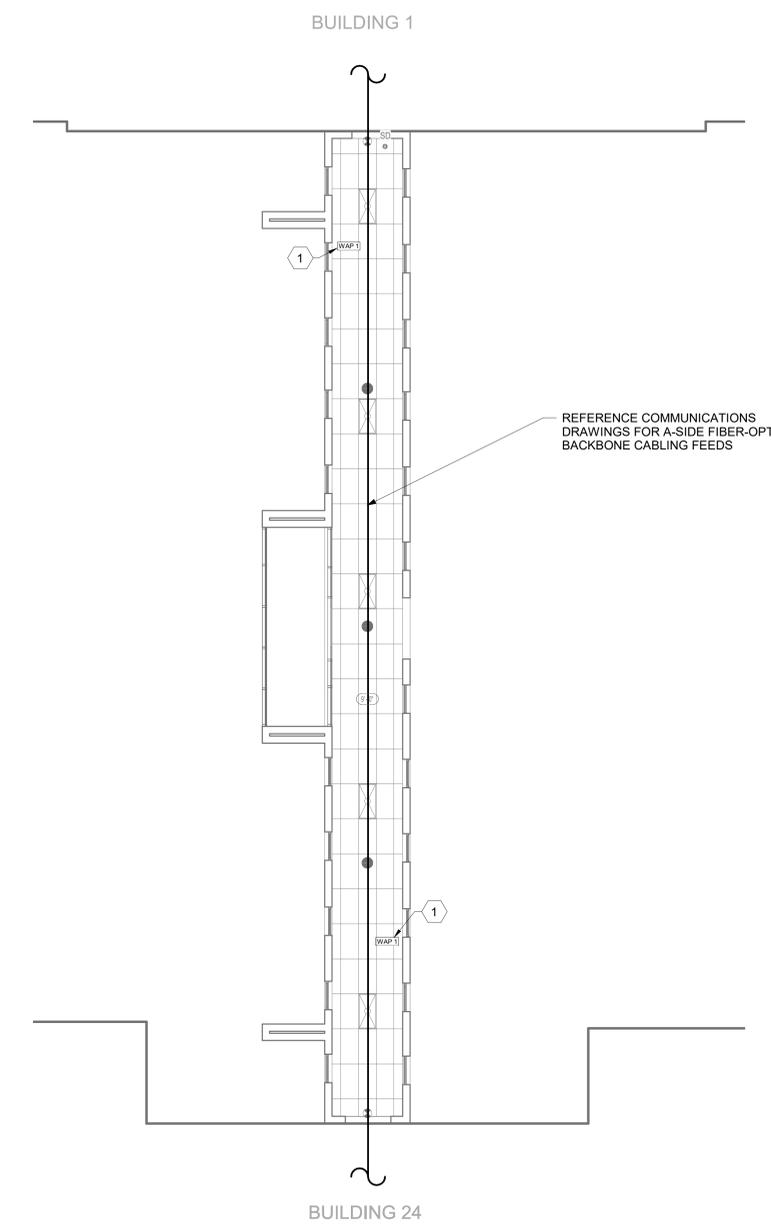
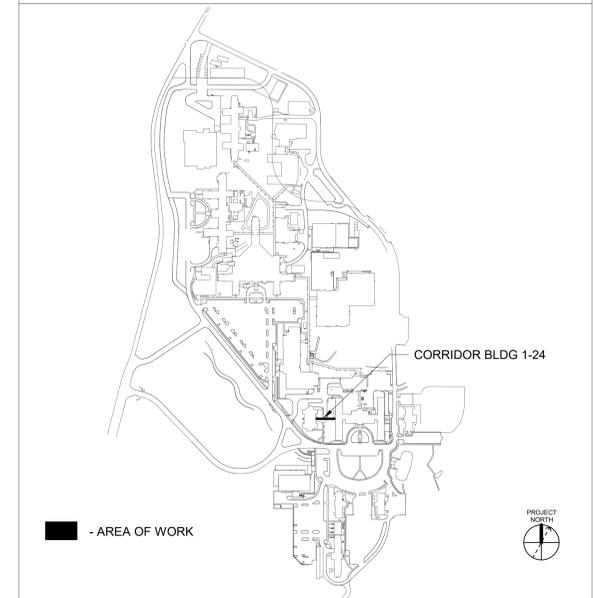
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**KEY NOTES**

- 1 EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT 6A CABLING.

**KEY PLAN**



**DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 114B IN BUILDING 24.**

**1** BLDG 1-24 - FLOOR 1 - CORRIDOR WIRELESS ACCESS POINT TELECOMMUNICATIONS PLAN  
1/8" = 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



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

**Drawing Title**  
 BLDG 1-24 - FLOOR 1 - CORRIDOR WIRELESS ACCESS POINT 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/VMM

**Drawn**  
 JPS/LLT

**Project Number**  
 657-21-701JB

**Building Number**

**Drawing Number**  
**CET102**

**364 OF 435**

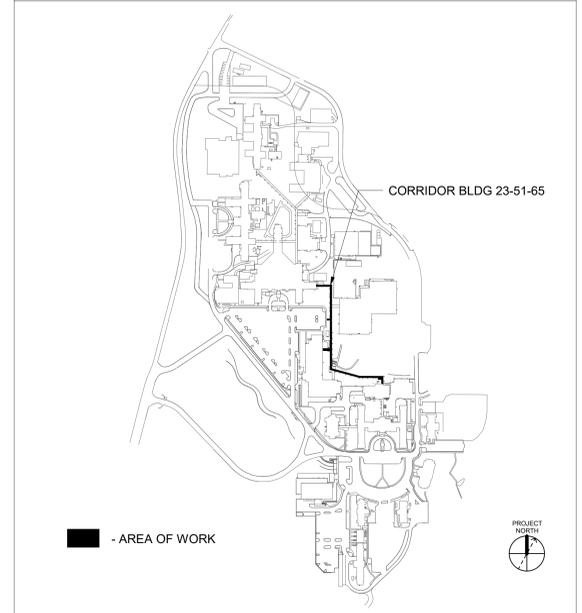
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**KEY NOTES**

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**KEY PLAN**



DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 1A183 IN BUILDING 51

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 121A IN BUILDING 23

REFERENCE COMMUNICATIONS DRAWINGS FOR A-SIDE FIBER-OPTIC BACKBONE CABLING FEEDS

**1** BLDG 23-51-65 - FLOOR 1 - CORRIDOR WIRELESS ACCESS POINT TELECOMMUNICATIONS PLAN  
3/64" = 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



Office of  
Construction  
and Facilities  
Management

Drawing Title  
BLDG 23-51-65 - FLOOR 1 - CORRIDOR  
WIRELESS ACCESS POINT  
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  
LRU/VMM

Drawn  
JPS/LLT

Project Number  
657-21-701JB

Building Number

Drawing Number  
**CET103**

365 OF 435

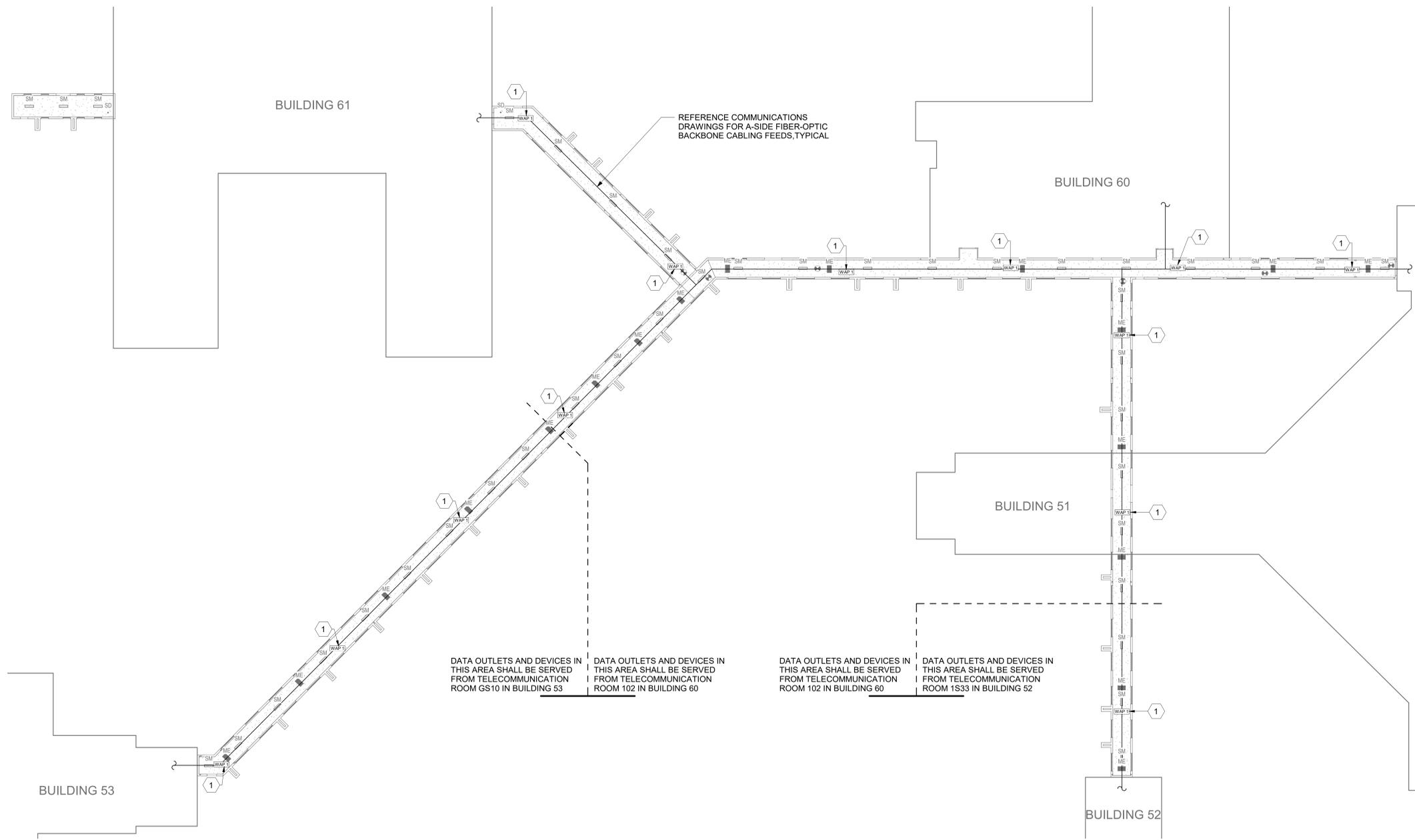
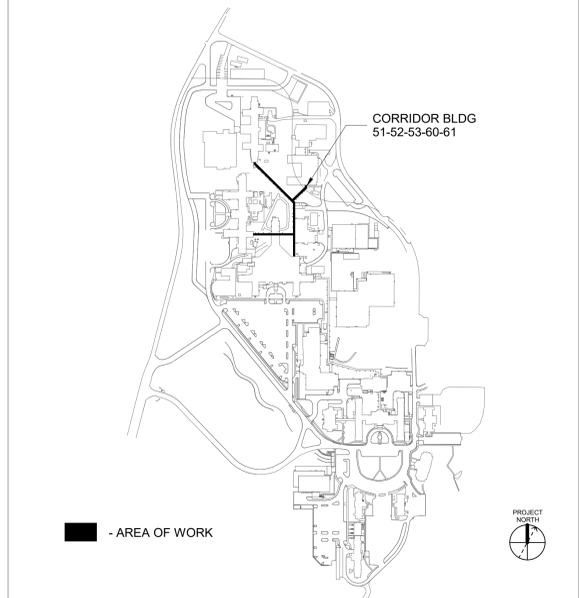
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**KEY NOTES**

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**KEY PLAN**



**1** BLDG 51-52-53-60-61 - FLOOR 1 - CORRIDOR WIRELESS ACCESS POINT TELECOMMUNICATIONS PLAN  
3/64" = 1'-0"



Revisions:	Date:

**CONSULTANT**

**ARCHITECT/ENGINEER OF RECORD**  
 A/E:  
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 625 1ST AVE, STE 301  
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 (206) 590-2118  
 RAY SPEES



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

**Drawing Title**  
 BLDG 51-52-53-60-61 - FLOOR 1 - CORRIDOR WIRELESS ACCESS POINT 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

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**Project Number**  
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**Building Number**

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**CET104**

**366 OF 435**

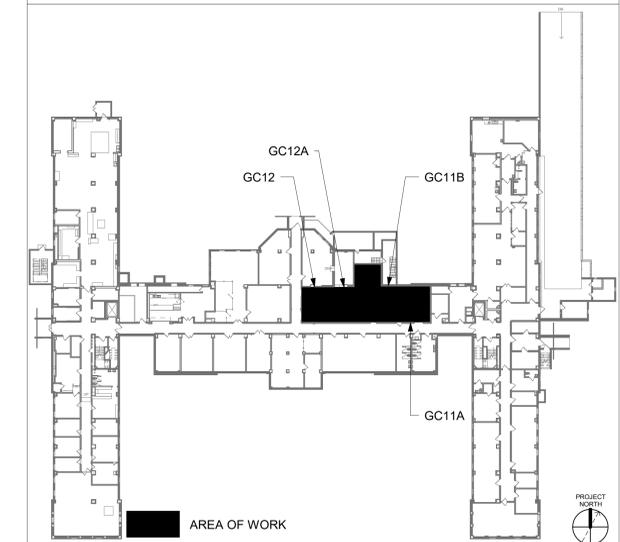
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5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING. PROVIDE RACEWAYS TO EXTEND TO ASSOCIATED TR.
6. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES 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 ANS/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.
11. 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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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 EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT6A CABLING.
- 3 EXISTING TELEPHONE RACKS, CABLE TRAY, CABLING, AND EQUIPMENT TO REMAIN. PROTECT AND PRESERVE.
- 4 EXISTING CABLE TRAY TO BE REPLACED. ALL EXISTING FIBER AND COPPER UTP CABLING TO BE REMOVED AND REPLACED.

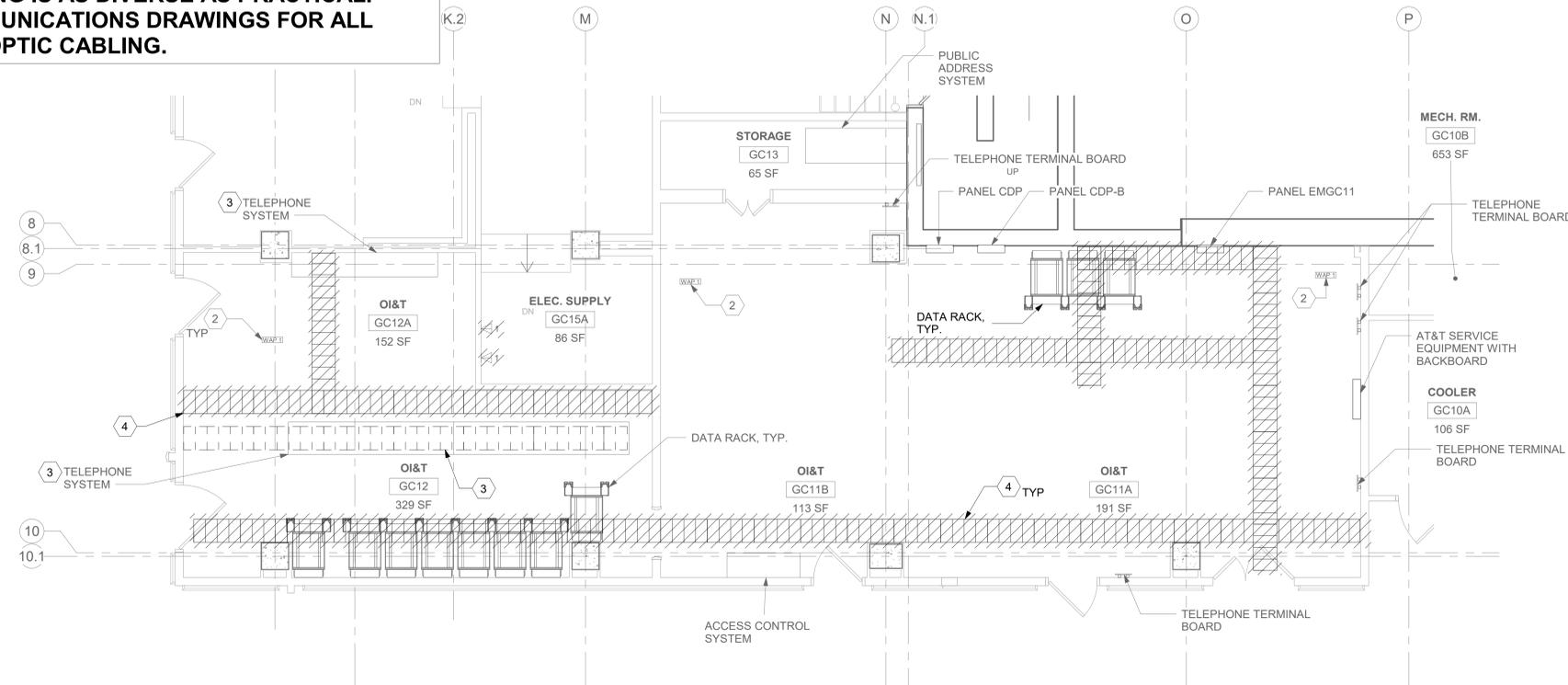
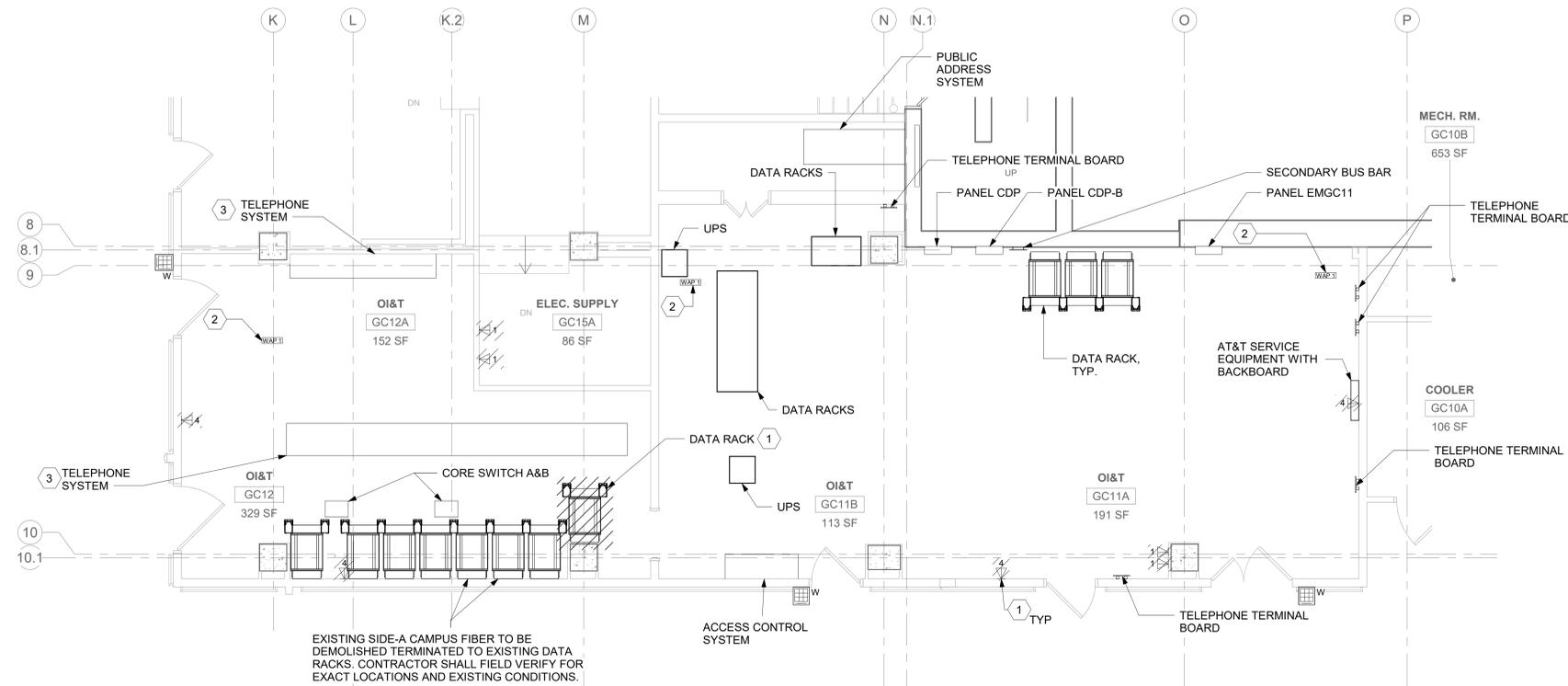
**KEY PLAN**



**1 RM GC12, GC12A, GC11A & GC11B - DEMOLITION FLOOR PLAN**  
 01ET100 1/4" = 1'-0" PROJECT NORTH

**2 RM GC12 - DEMOLITION OVERHEAD PLAN**  
 01ET100 1/4" = 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.**



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 01 - FLOOR 0 - ENLARGED TELECOMMUNICATION 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/WNM

**Drawn**  
 JGE/JBB

**Project Number**  
 657-21-701JB

**Building Number**  
 01

**Drawing Number**  
 01ET400a

**367 OF 435**

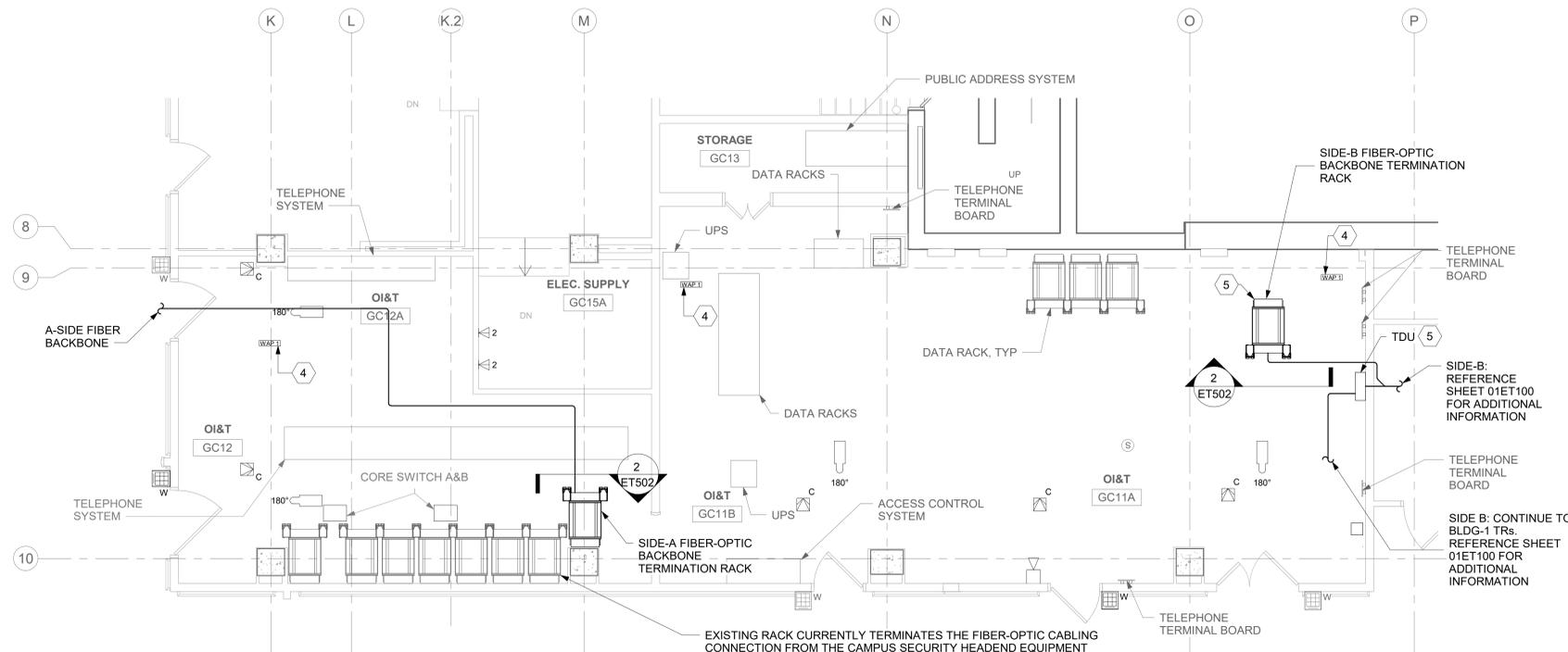
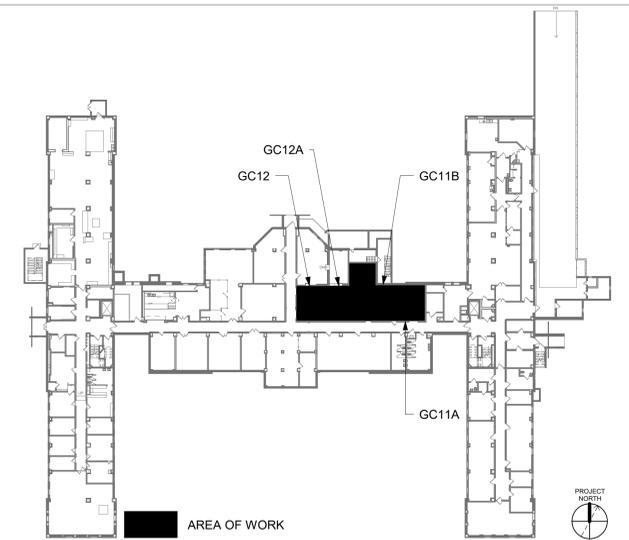
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**KEY NOTES**

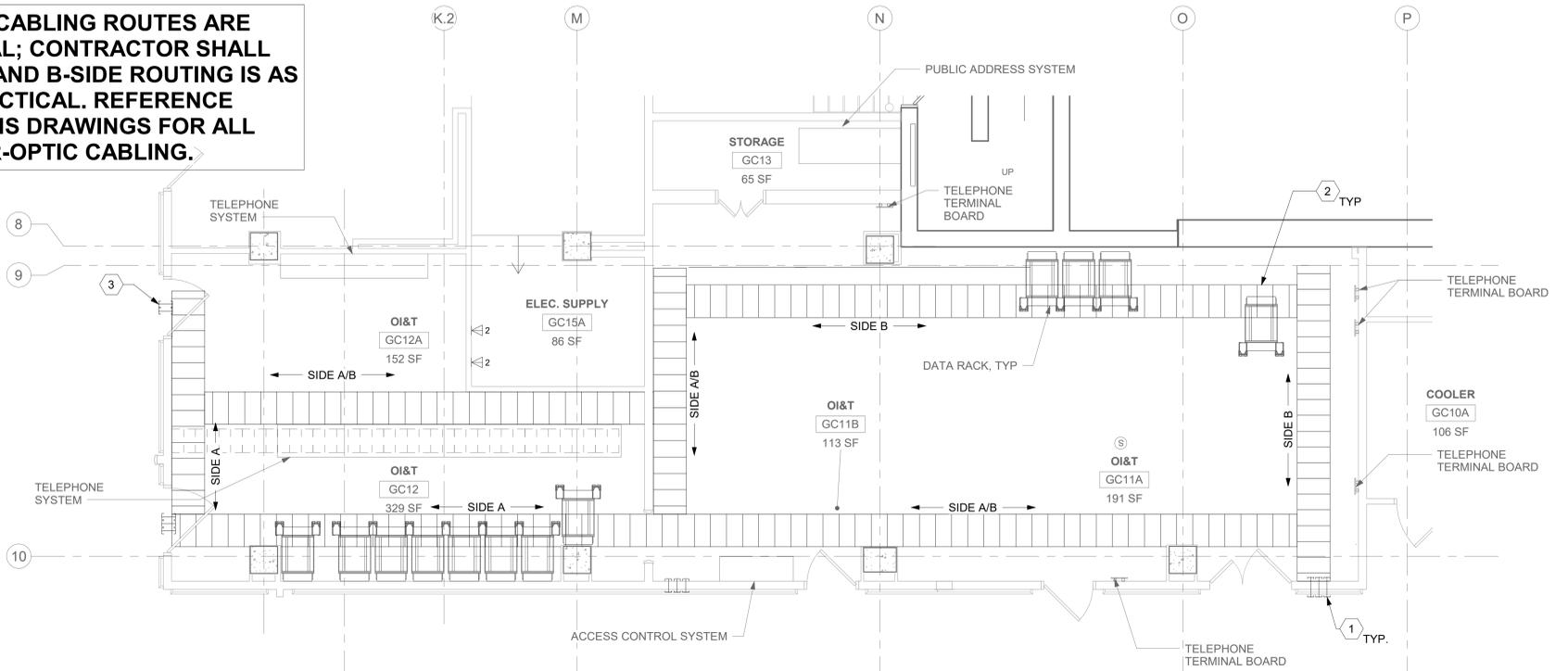
- 1 PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. PROVIDE ADDITIONAL SLEEVES AS REQUIRED FOR ADDITIONAL CABLEING. REFERENCE DETAIL '2' ON SHEET ET503 FOR ADDITIONAL INFORMATION.
- 2 REMOVE AND REPLACE EXISTING CABLE TRAY IN THE AREAS SHOWN AS REQUIRED; IF CABLE TRAY IS NON-EXISTENT, PROVIDE CABLE TRAY AS INDICATED. REFERENCE DETAIL '6' ON SHEET ET503 AND TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE ON SHEET ET701. WHERE WALL EXTENDS TO CEILING, CABLE TRAY SHALL STOP AND TRANSITION TO CONDUIT SLEEVES (2" 4" MINIMUM) WITH APPROPRIATE FIRE-PROOFING AND CAULKING TO PASS THROUGH WALL. WHERE EXISTING CABLE TRAY AND/OR SLEEVES ARE DISCOVERED, EVALUATE CONDITION AND RACEWAY CAPACITY; IF CABLE TRAY AND/OR SLEEVES APPEAR TO BE REUSABLE, NOTIFY COR FOR POSSIBLE REUSE.
- 3 EXISTING FIREPROOF SLEEVES, QUANTITY OF (4). REUSE SLEEVES AS ABLE.
- 4 EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT6A CABLEING.
- 5 TUBE DISTRIBUTION UNIT (TDU), REFERENCE COMMUNICATION DRAWINGS FOR ADDITIONAL INFORMATION.

**KEY PLAN**



**1 RM GC12 - TELECOMMUNICATIONS PLAN**  
01ET100 1/4" = 1'-0"

**ALL BACKBONE CABLEING 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 CABLEING.**



**2 RM GC12 - OVERHEAD PLAN**  
01ET100 1/4" = 1'-0"

Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
	Date:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES	LOUIS R. LITZIG STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER 3122	VA U.S. Department of Veterans Affairs	BLDG 01 - FLOOR 0 - ENLARGED TELECOMMUNICATION PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					Approved:	FULLY SPRINKLERED	Location	Building Number
							ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	01
							Issue Date	Drawing Number
							03/31/2022	01ET400b
							Checked	Drawn
							LRJ/WNM	JBB/JGE
								368 OF 435

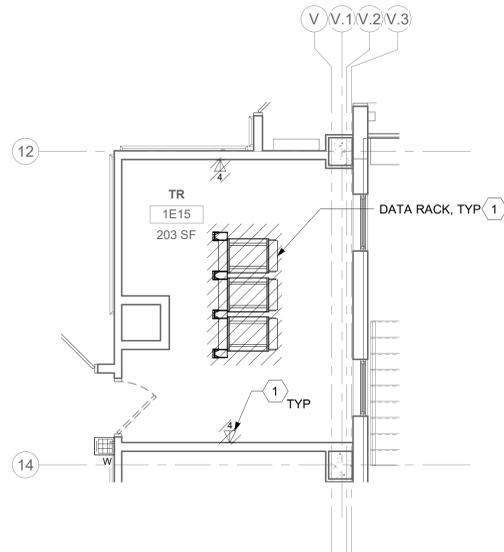
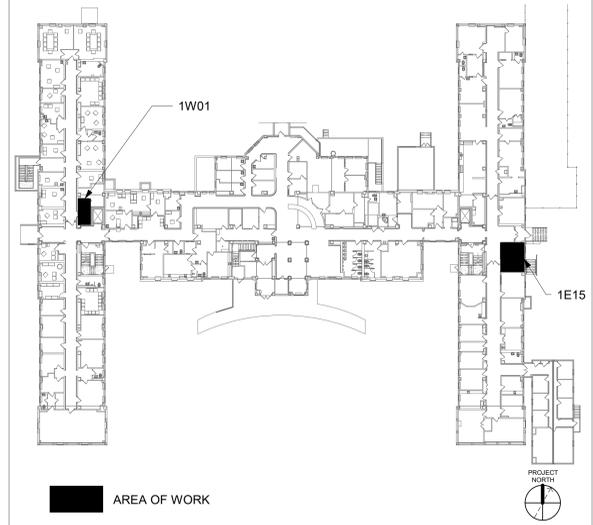
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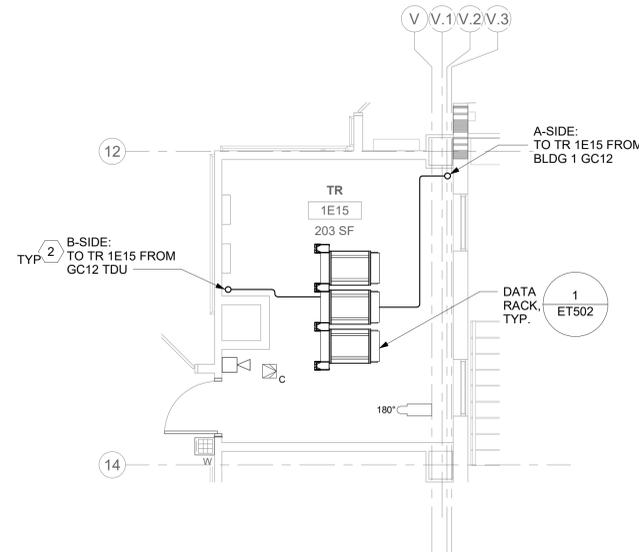
**KEY NOTES**

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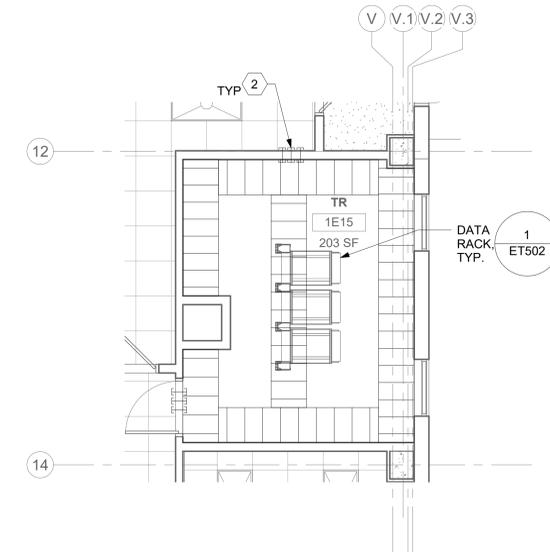
**KEY PLAN**



**1 RM 1E15 - DEMOLITION FLOOR PLAN**  
01ET101 1/4" = 1'-0"

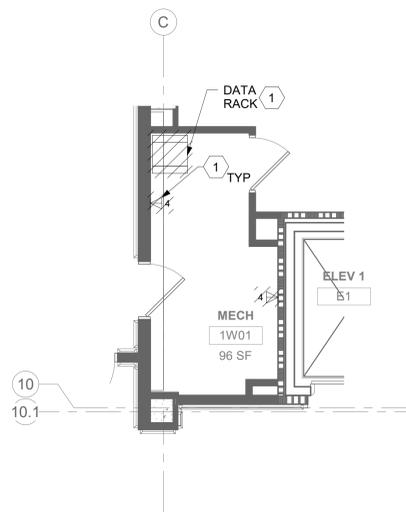


**2 RM 1E15 - TELECOMMUNICATIONS PLAN**  
01ET101 1/4" = 1'-0"

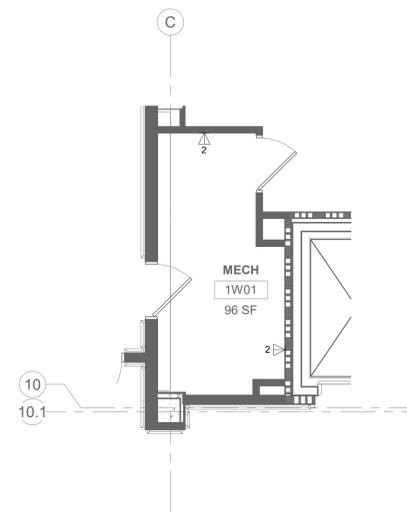


**3 RM 1E15 - OVERHEAD PLAN LEVEL 1**  
01ET101 1/4" = 1'-0"

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**5 RM 1W01 - DEMOLITION FLOOR PLAN**  
01ET101 1/4" = 1'-0"



**6 RM 1W01 - TELECOMMUNICATIONS PLAN**  
01ET101 1/4" = 1'-0"

**4 NOT USED**

Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
	Date:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES	LOUIS R. LITZIG STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER	U.S. Department of Veterans Affairs	BLDG 01 - FLOOR 1 - ENLARGED TELECOMMUNICATION PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					Approved:	FULLY SPRINKLERED	Location	Building Number
							ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	01
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							Drawn	
							JGE/JBB	

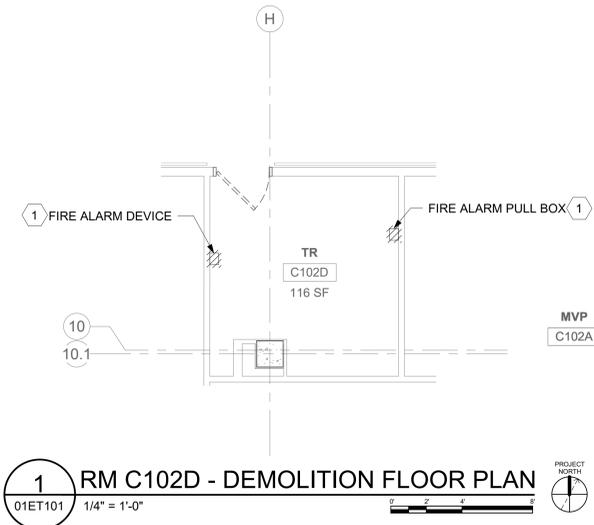
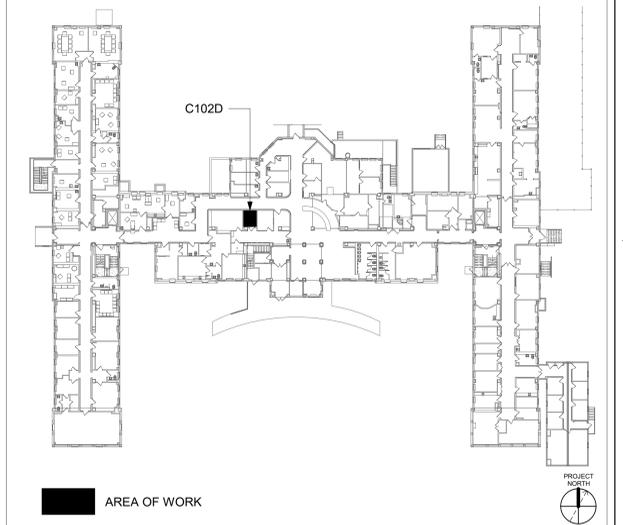
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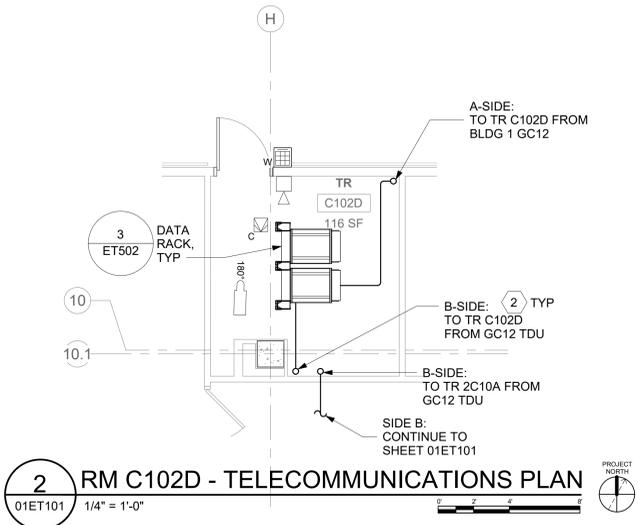
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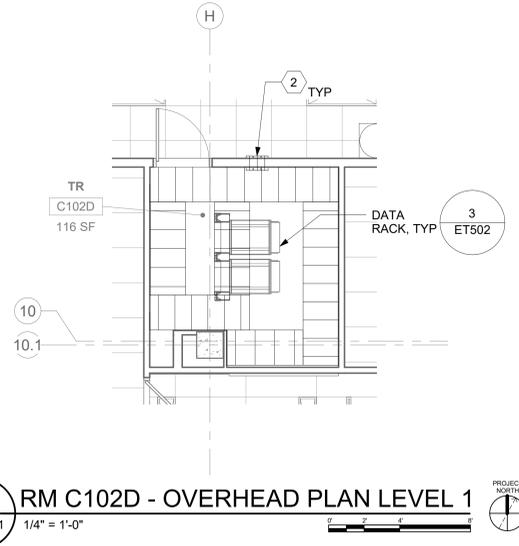
**KEY PLAN**



**1 RM C102D - DEMOLITION FLOOR PLAN**  
01ET101 1/4" = 1'-0"



**2 RM C102D - TELECOMMUNICATIONS PLAN**  
01ET101 1/4" = 1'-0"



**3 RM C102D - OVERHEAD PLAN LEVEL 1**  
01ET101 1/4" = 1'-0"

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	Date:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES	LOUIS R. LITZGO STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER	U.S. Department of Veterans Affairs	BLDG 01 - FLOOR 1 - ENLARGED TELECOMMUNICATION PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
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							03/31/2022	01ET401b
							Checked	Drawn
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								370 OF 435

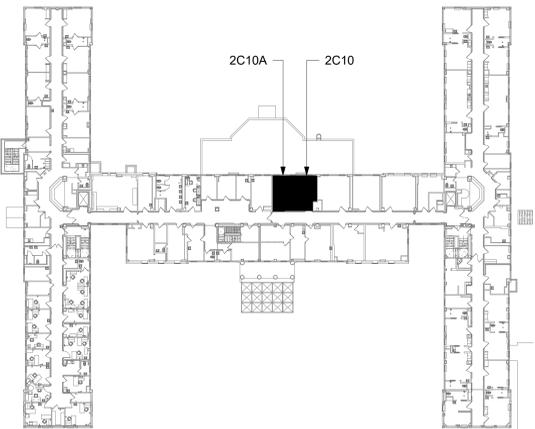
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6. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, 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.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING FURNITURE, INCLUDING TRANSPORTATION, FOR ALL WORK TO DESIRED VA STORAGE LOCATION. COORDINATE WITH VA AS REQUIRED.
12. 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.
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.

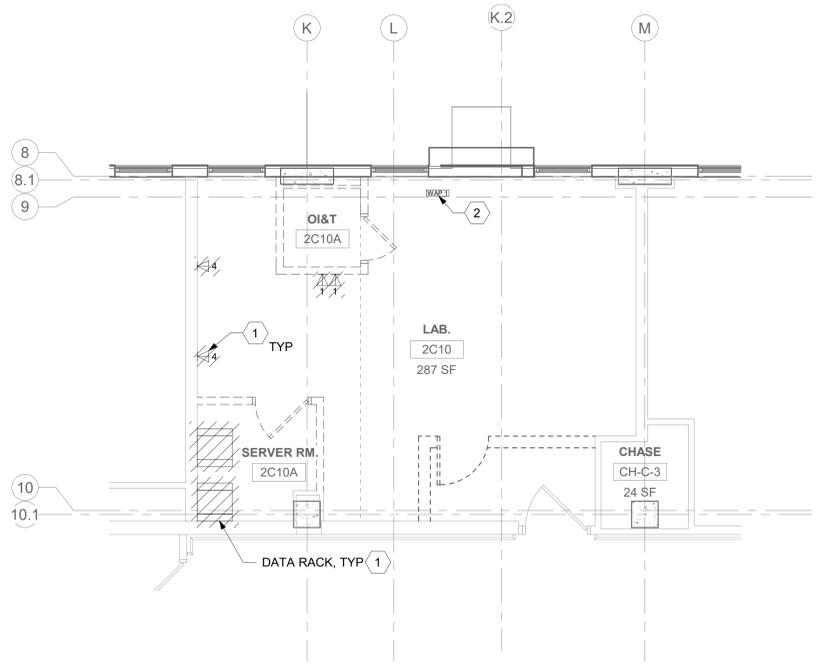
**KEY NOTES**

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

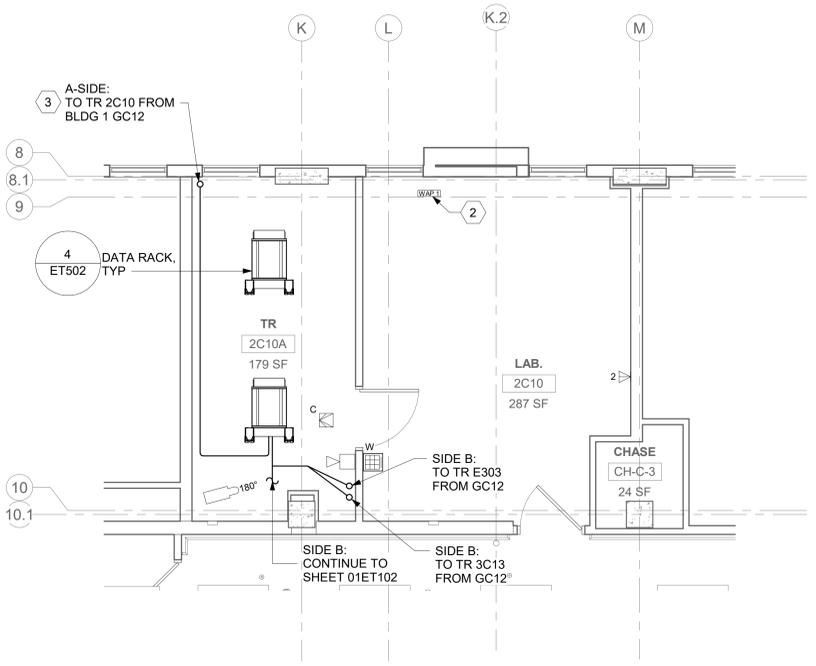
**KEY PLAN**



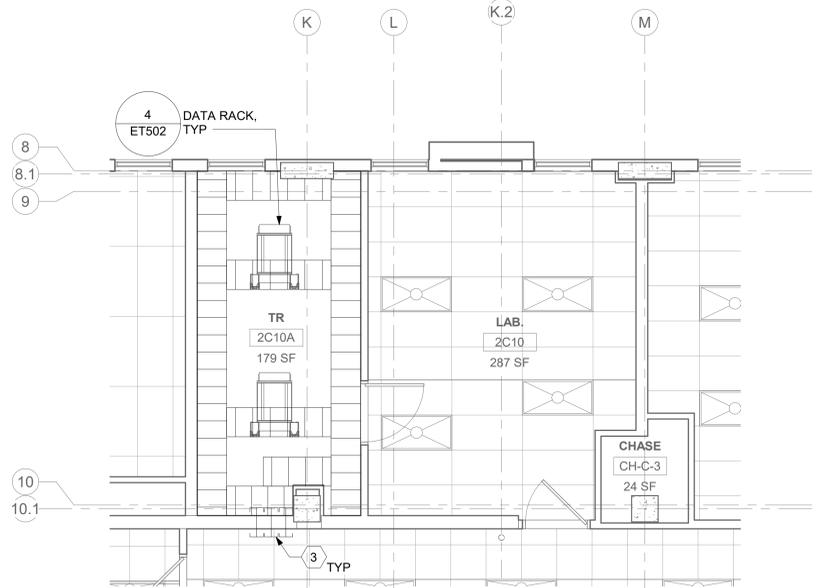
AREA OF WORK



**1 RM 2C10 - DEMOLITION FLOOR PLAN**  
01ET102 1/4" = 1'-0"



**2 RM 2C10A - TELECOMMUNICATIONS PLAN**  
01ET102 1/4" = 1'-0"

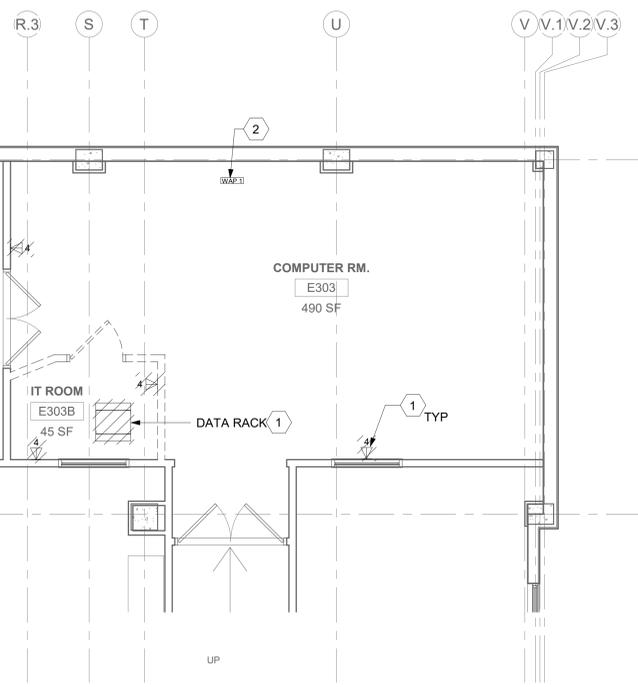


**3 RM 2C10A - OVERHEAD PLAN LEVEL**  
01ET102 1/4" = 1'-0"

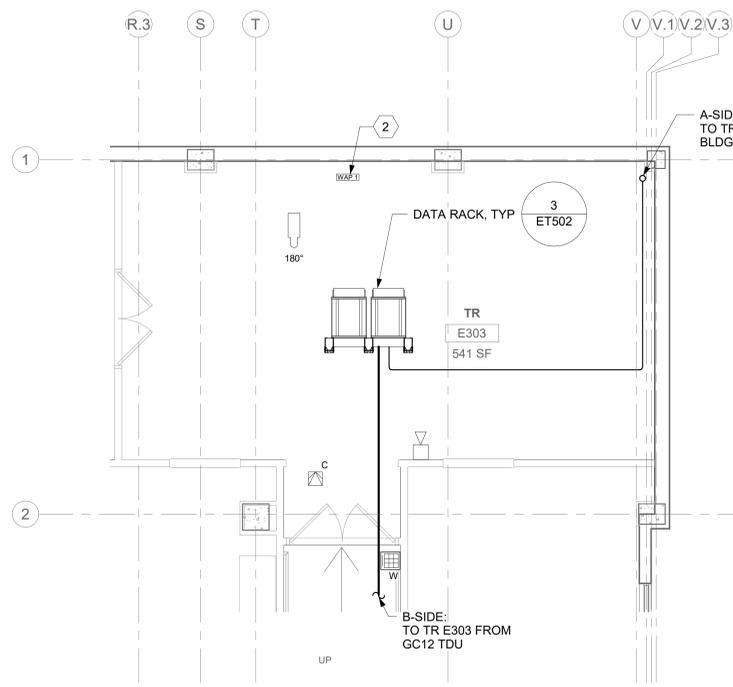
**4 NOT USED**

**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.**

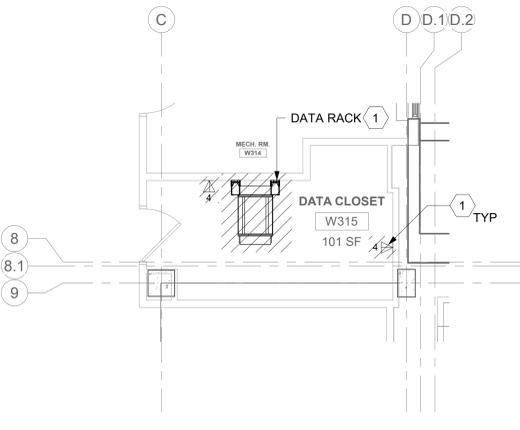
Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
	Date:	A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES		U.S. Department of Veterans Affairs	BLDG 01 - FLOOR 2 - ENLARGED TELECOMMUNICATION PLANS	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					Approved:	FULLY SPRINKLERED	Location	Building Number
							ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	01
							Issue Date	Drawing Number
							03/31/2022	01ET402
							Checked	Drawn
							LRU/WNM	JGE/JBB
								371 OF 435



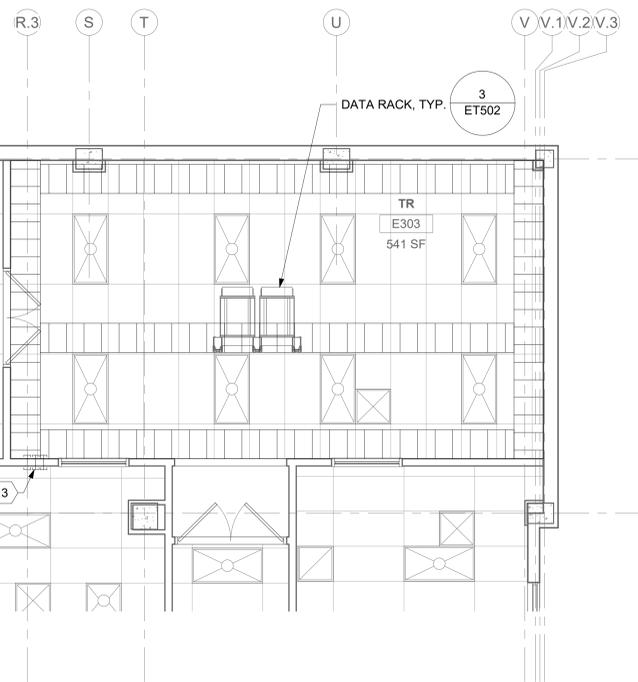
**1** RM E303 & 303B - DEMOLITION FLOOR PLAN  
01ET103 1/4" = 1'-0"



**2** RM E303 - TELECOMMUNICATIONS PLAN  
01ET103 1/4" = 1'-0"

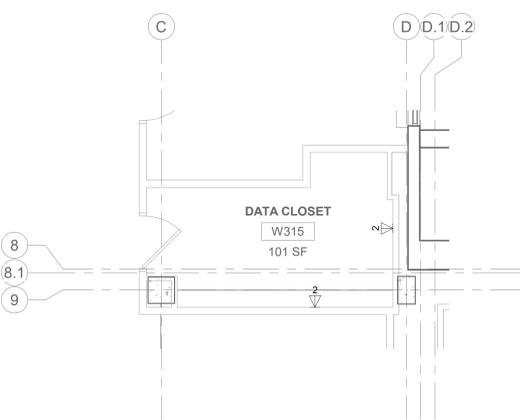


**5** RM W315 - DEMOLITION FLOOR PLAN  
01ET103 1/4" = 1'-0"



**3** RM E303 - OVERHEAD PLAN LEVEL 1  
01ET103 1/4" = 1'-0"

**4** NOT USED



**6** RM W315 - TELECOMMUNICATIONS PLAN  
01ET103 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.**

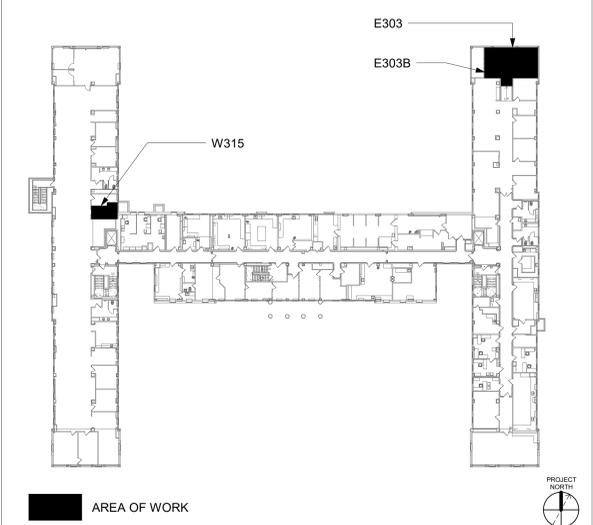
**GENERAL NOTES**

- 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.
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**KEY NOTES**

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**KEY PLAN**



Revisions:	Date:

**CONSULTANT**

**ARCHITECT/ENGINEER OF RECORD**  
A/E:  
SPEES DESIGN BUILD  
625 1ST AVE, STE 301  
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RAY SPEES



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

**Drawing Title**  
BLDG 01 - FLOOR 3 - ENLARGED TELECOMMUNICATION 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**  
LRU/WNM

**Drawn**  
JGE/JBB

**Project Number**  
657-21-701JB

**Building Number**  
01

**Drawing Number**  
01ET403a

**372 OF 435**