

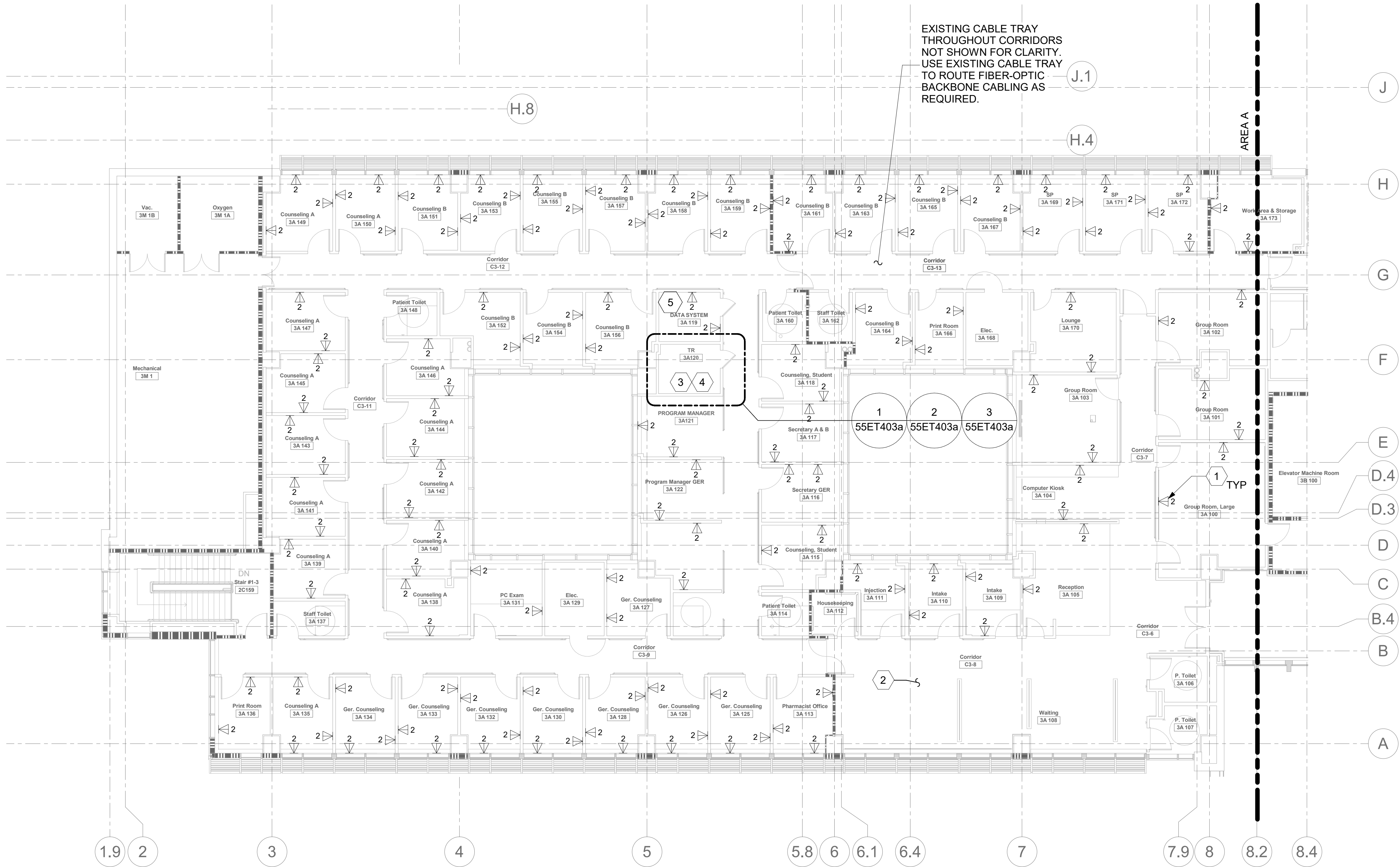
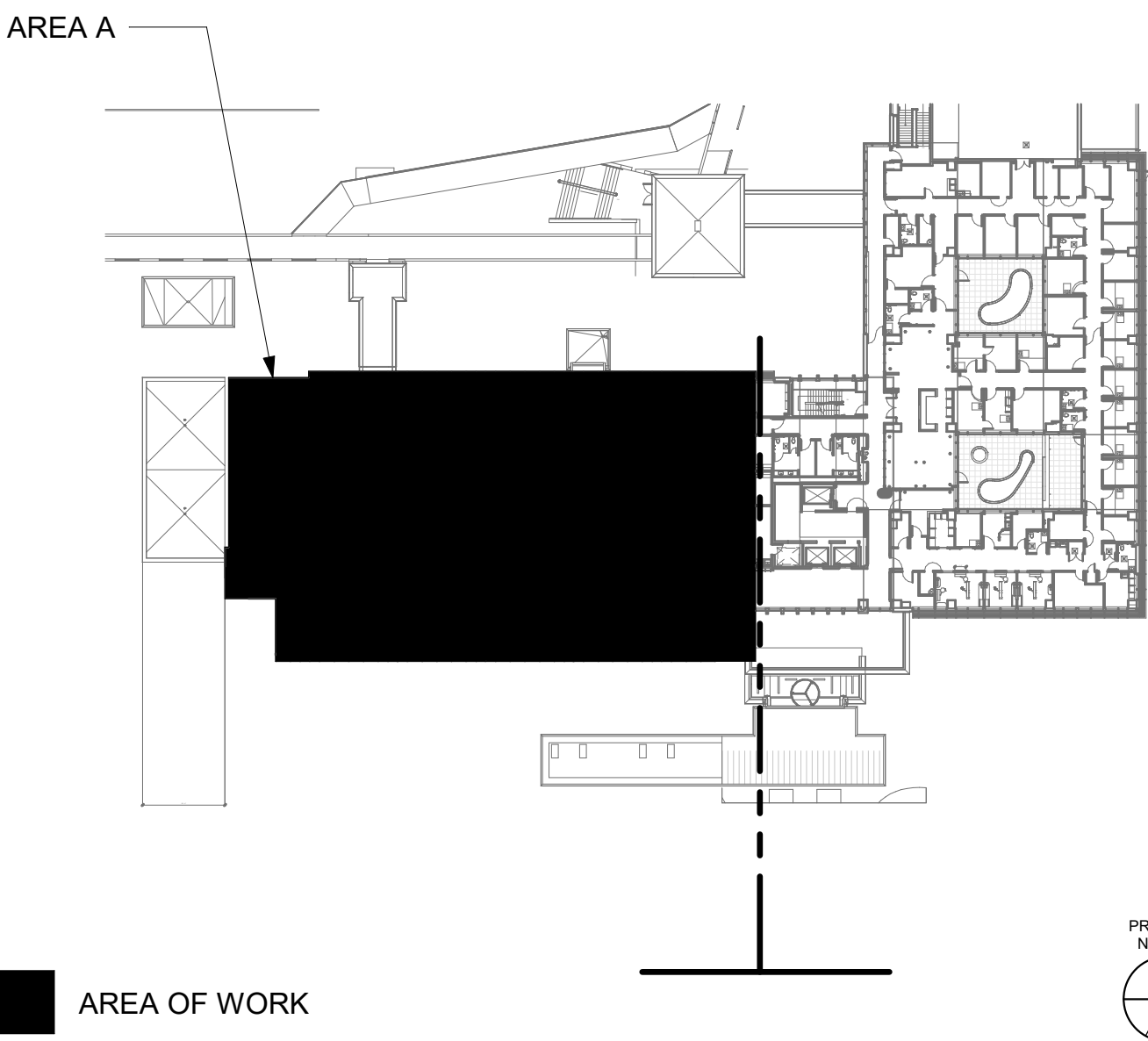
GENERAL NOTES

1. 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.
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 6 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 AS CONDUIT FILL ALLOWS. PROVIDE RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED.
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. CONTRACTOR SHALL PROVIDE, INSTALL, AND TERMINATE HORIZONTAL CAT 6A CABLING FROM EACH WAO (WORK AREA OUTLET) TO ITS RESPECTIVE TR.
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 IN 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. 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 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.
- 2 ALL EXISTING WIRELESS ACCESS POINTS (WAP) SHALL BE RE-FED WITH CAT 6A CABLING. CONTRACTOR SHALL FIELD VERIFY QUANTITY AND LOCATIONS OF WAPs.
- 3 FIBER-OPTIC CABLE VERTICAL ROUTING; COORDINATE EXACT LOCATIONS PRIOR TO INSTALLATION. UTILIZE RIGID CONDUIT SLEEVES WITH FIREPROOFING AND ALL REQUIRED APPURTENANCES AS REQUIRED. REFERENCE DETAIL 2 ON SHEET ET503 FOR ADDITIONAL INFORMATION.
- 4 CONTRACTOR SHALL ASSUME AT LEAST 10 LINEAR-FEET OF EXISTING CABLE TRAY WILL BE REQUIRED TO BE MODIFIED/REPLACED AT EACH TR.
- 5 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.

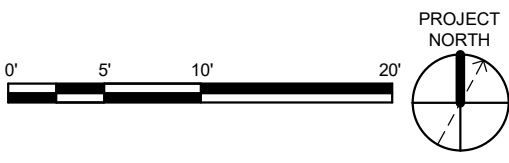
KEY PLAN



DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 3A120.

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.

1 BLDG 55 - FLOOR 3 - AREA A - TELECOMMUNICATIONS PLAN  
1" = 10'-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

STAMP

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

Drawing Title
BLDG 55 - FLOOR 3 - AREA A 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
JGE/JBB

Project Number
657-21-701JB
Building Number
55
Drawing Number
55ET103a
351 OF 435



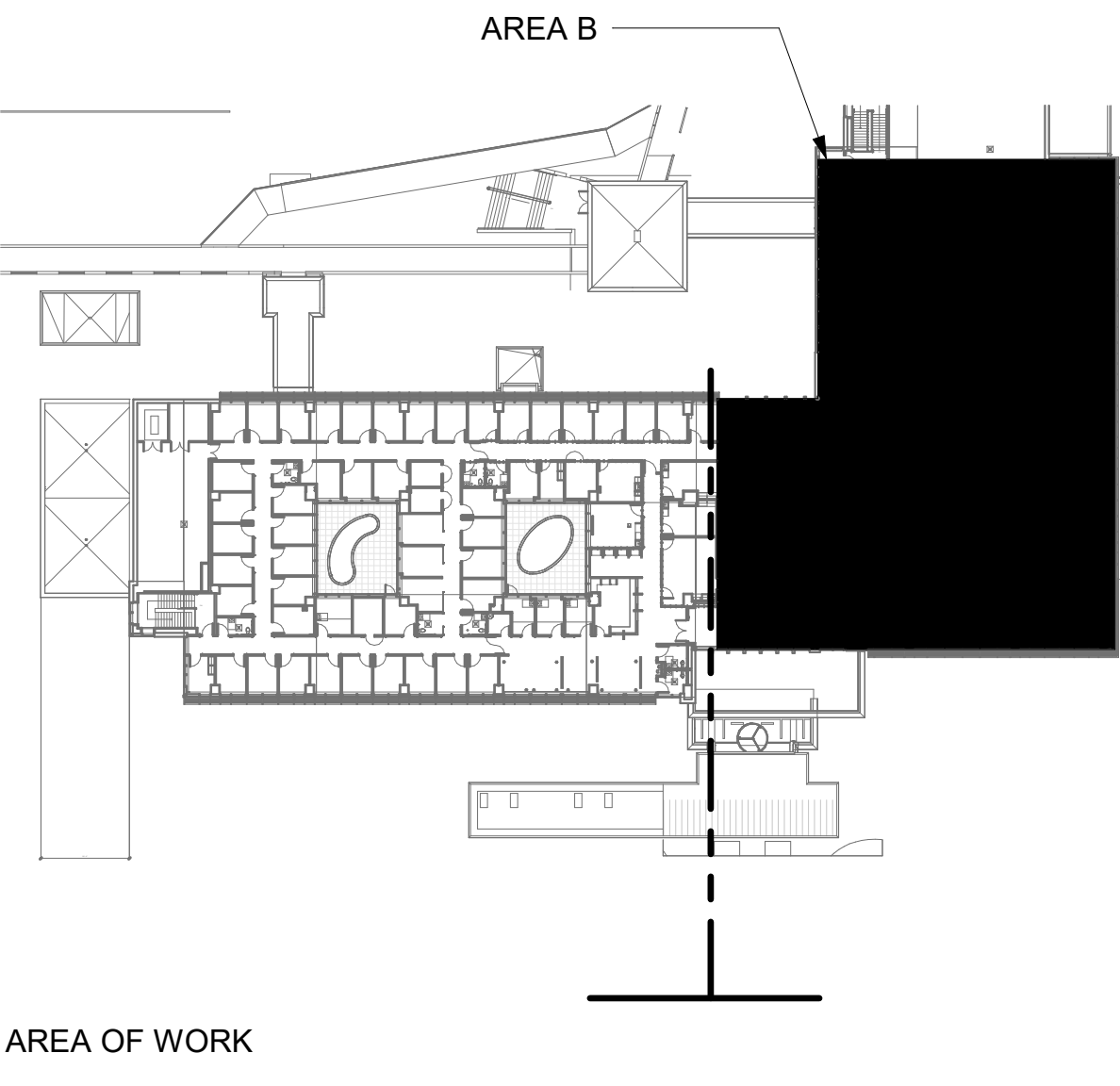
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KEY PLAN



AREA OF WORK

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 3C149

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.

1 BLDG 55 - FLOOR 3 - AREA B - TELECOMMUNICATIONS PLAN  
1" = 10'-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

STAMP

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

Drawing Title
BLDG 55 - FLOOR 3 - AREA B - 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
JGE/JBB
Project Number
657-21-701JB
Building Number
55
Drawing Number
55ET103b
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PROVIDE NEW FIBER DISTRIBUTION CABINETS WITH CASSETTES IN EXISTING CABINETS 7, 8, 9 TO TERMINATE ALL CAMPUS SIDE-B FIBERS WITHIN. LABEL ACCORDING TO DRAWINGS AND VA STANDARDS.

EXISTING SIDE-A FIBER-OPTIC BACKBONE BUILDING ENTRY POINT (APPROXIMATE LOCATION). ROUTE FIBER-OPTIC CABLES TO TRs AS INDICATED ON COMMUNICATIONS DRAWINGS. REFERENCE COMMUNICATIONS DRAWINGS FOR ALL FIBER-OPTIC CABLING, RACEWAY TYPES, SPECIFICATIONS, AND RATINGS. REFERENCE KEY NOTES ON THIS SHEET REGARDING CABLE TRAY AND VERTICAL/HORIZONTAL ROUTING FOR ADDITIONAL FIBER BACKBONE CABLING REQUIREMENTS.

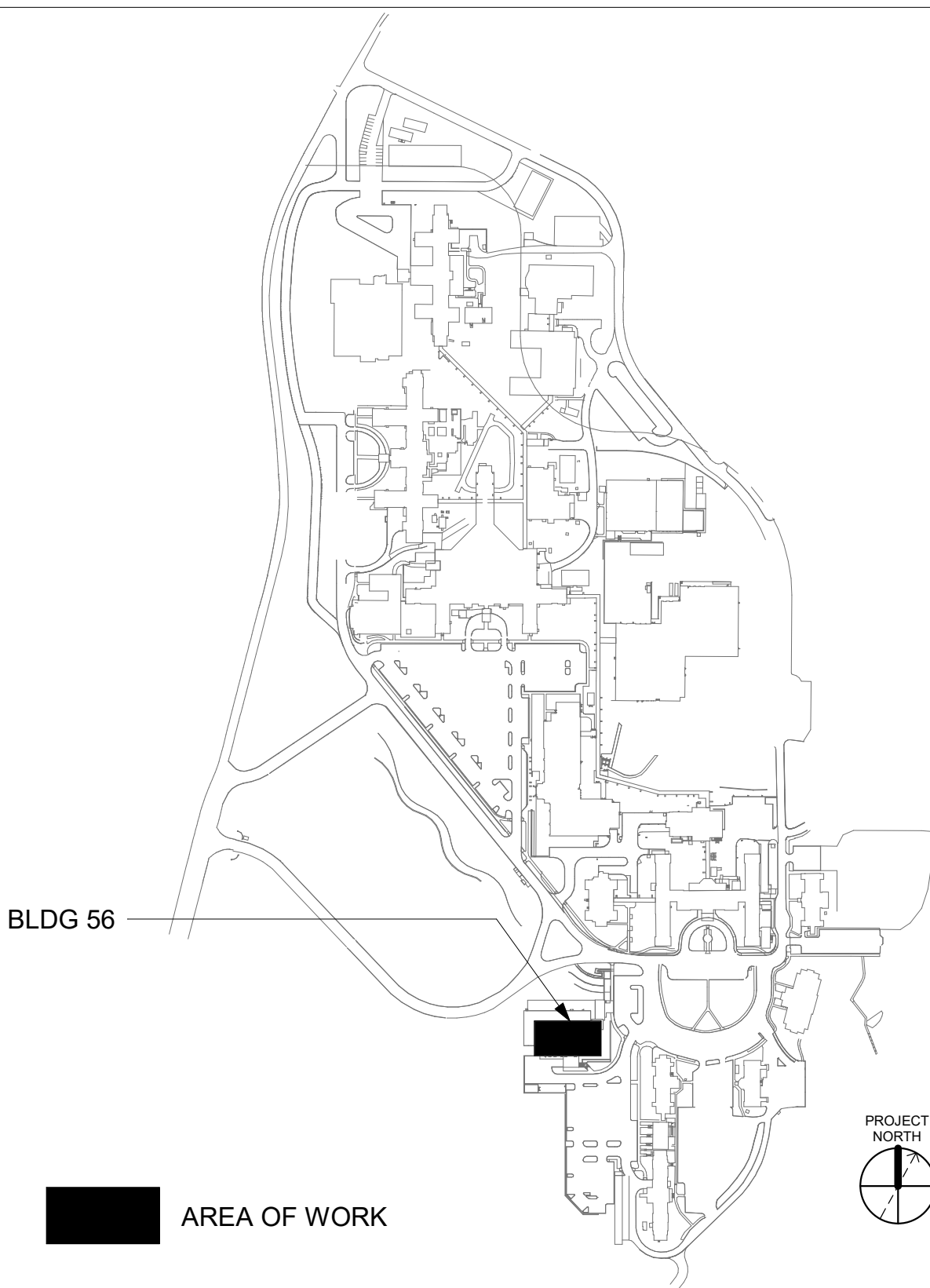
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- FIBER-OPTIC CABLE HORIZONTAL ROUTING SHALL BE CONCEALED ABOVE DROP CEILING WHEREVER POSSIBLE. UTILIZE CABLE TRAY AS APPLICABLE. PROVIDE CONDUIT SLEEVE WITH FIREPROOFING AS REQUIRED WHERE WALL PENETRATIONS ARE REQUIRED. REFERENCE DETAIL 2 ON SHEET ET503 FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL ASSUME AT LEAST 10 LINEAR-FEET OF EXISTING CABLE TRAY WILL BE REQUIRED TO BE MODIFIED/REPLACED AT EACH TR.
- TERMINATE ALL SIDE-A AND SIDE-B FIBER-OPTIC CABLING TO MODIFIED DATA CABINETS AS INDICATED.
- 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



DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM BA 105.

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.

1 BLDG 56 - FLOOR 0 - TELECOMMUNICATIONS PLAN  
1/8" = 1'-0"

CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number	
								BLDG 56 - FLOOR 0 - TELECOMMUNICATIONS PLAN		CONSTRUCTION DOCUMENTS		EHRM INFRASTRUCTURE UPGRADES		657-21-701JB	
								Approved:		FULLY SPRINKLERED		Location		Building Number	
												ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO		56	
												Issue Date		Drawing Number	
												03/31/2022		56ET100	
												Checked		Drawn	
												LRL/WM		JGE/JBB	
														353 OF 435	



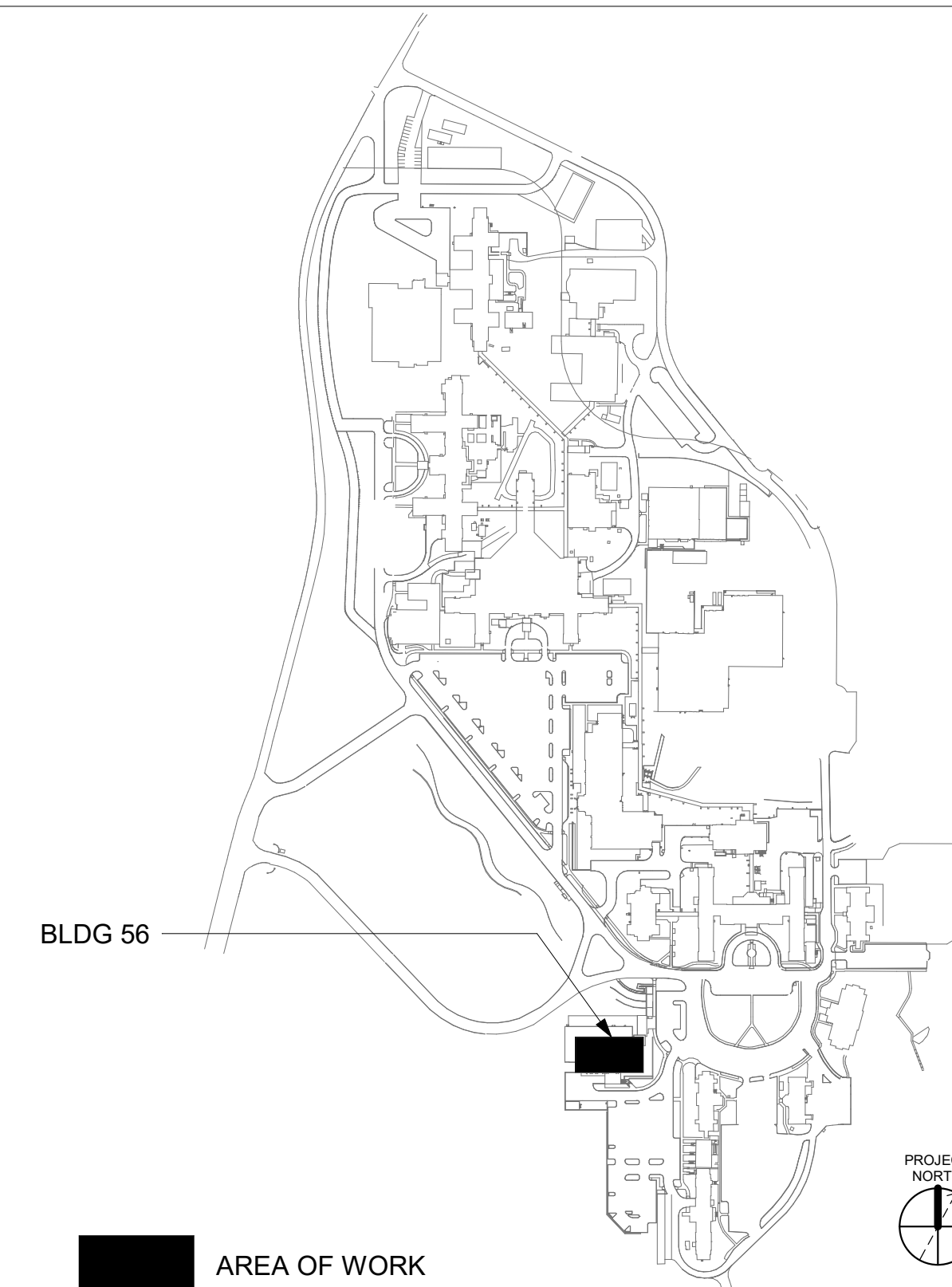
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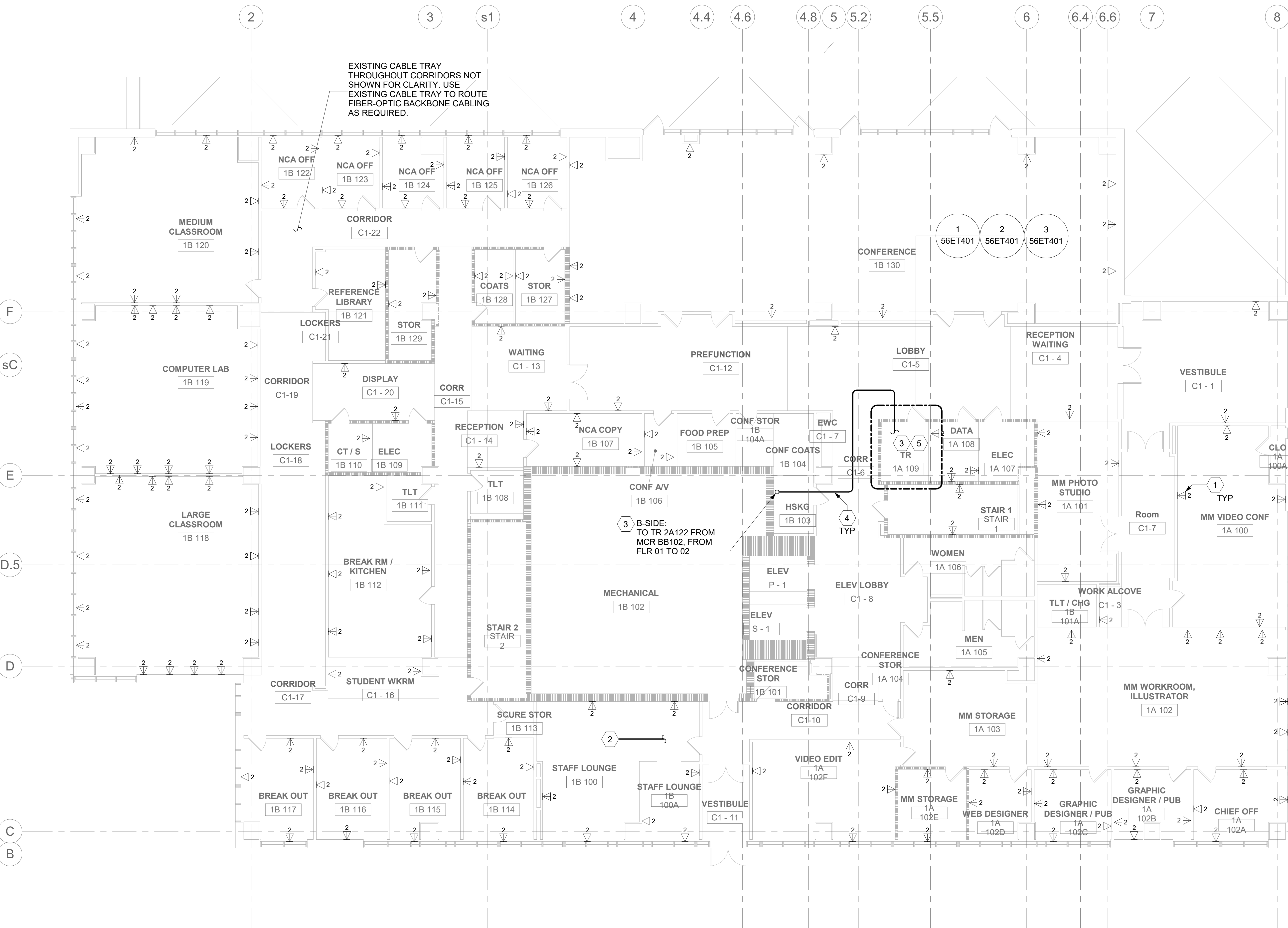
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KEY PLAN



DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 1A 109.

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1 BLDG 56 - FLOOR 1 - TELECOMMUNICATIONS PLAN  
1/8" = 1'-0"



		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		VA U.S. Department of Veterans Affairs	BLDG 56 - FLOOR 1 - TELECOMMUNICATIONS PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
						Approved:	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 56
								Issue Date 03/31/2022	Drawing Number 56ET101
								Checked LRL/WM	354 OF 435
								Drawn JGE/JBB	
		Revisions:	Date:						



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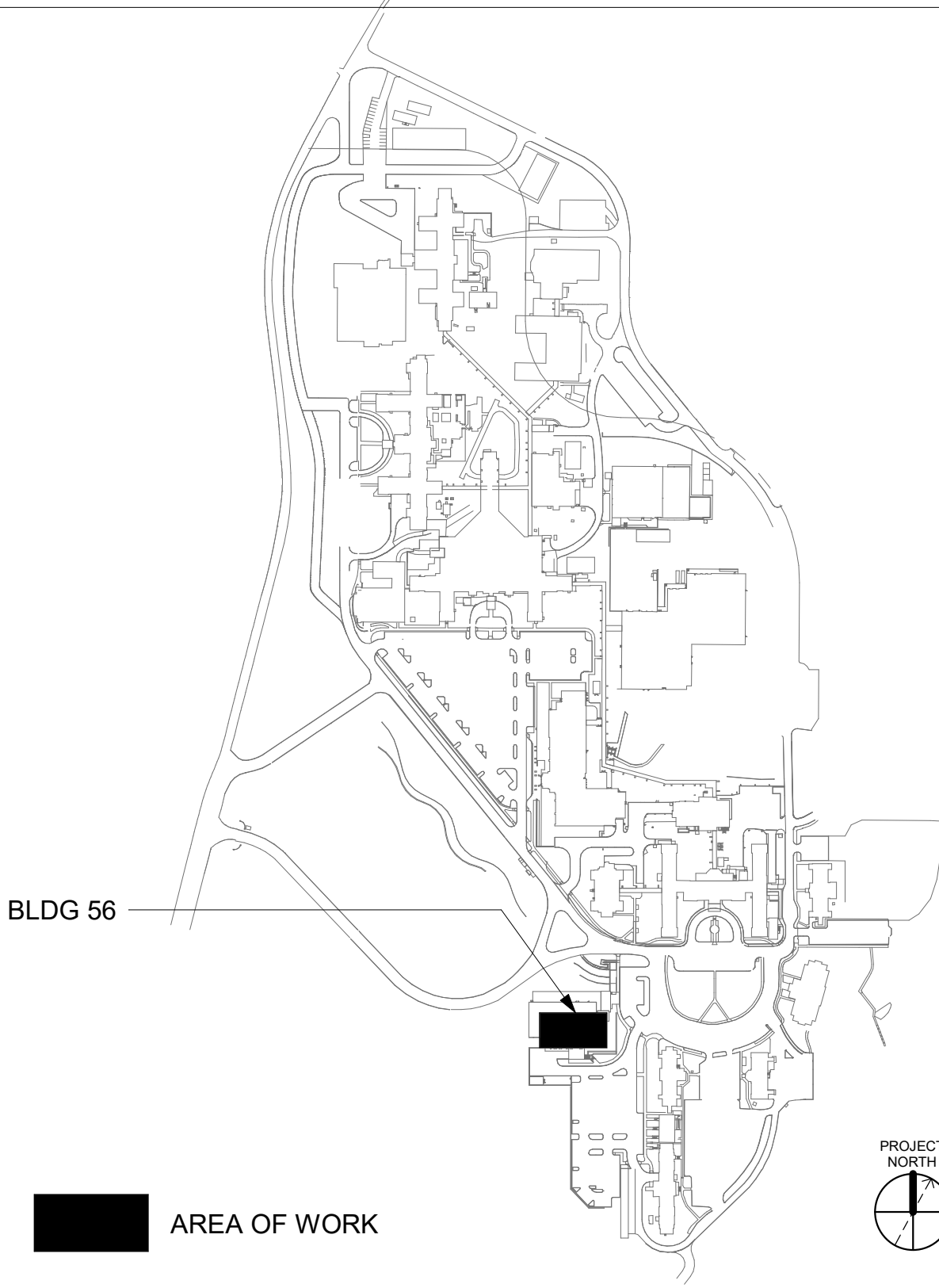
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- PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES BE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- SEAL ALL INTERIOR WALL AND CEILING 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.
- 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.
- 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.
- FIBER-OPTIC CABLE VERTICAL ROUTING; COORDINATE EXACT LOCATIONS PRIOR TO INSTALLATION. UTILIZE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AND ALL REQUIRED APPURTENANCES AS REQUIRED. REFERENCE DETAIL 2 ON SHEET ET503 FOR ADDITIONAL INFORMATION.
- FIBER-OPTIC CABLE HORIZONTAL ROUTING SHALL BE CONCEALED ABOVE DROP CEILING WHEREVER POSSIBLE. UTILIZE CABLE TRAY AS APPLICABLE. PROVIDE CONDUIT SLEEVE WITH FIREPROOFING AS REQUIRED WHERE WALL PENETRATIONS ARE REQUIRED. REFERENCE DETAIL 2 ON SHEET ET503 FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL ASSUME AT LEAST 10 LINEAR-FEET OF EXISTING CABLE TRAY WILL BE REQUIRED TO BE MODIFIED/REPLACED AT EACH TR.
- 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



DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 2A 122.

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.

1 BLDG 56 - FLOOR 2 - 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

STAMP

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

Drawing Title
BLDG 56 - FLOOR 2 - 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
JGE/JBB

Project Number
657-21-701JB
Building Number
56
Drawing Number
56ET102
355 OF 435



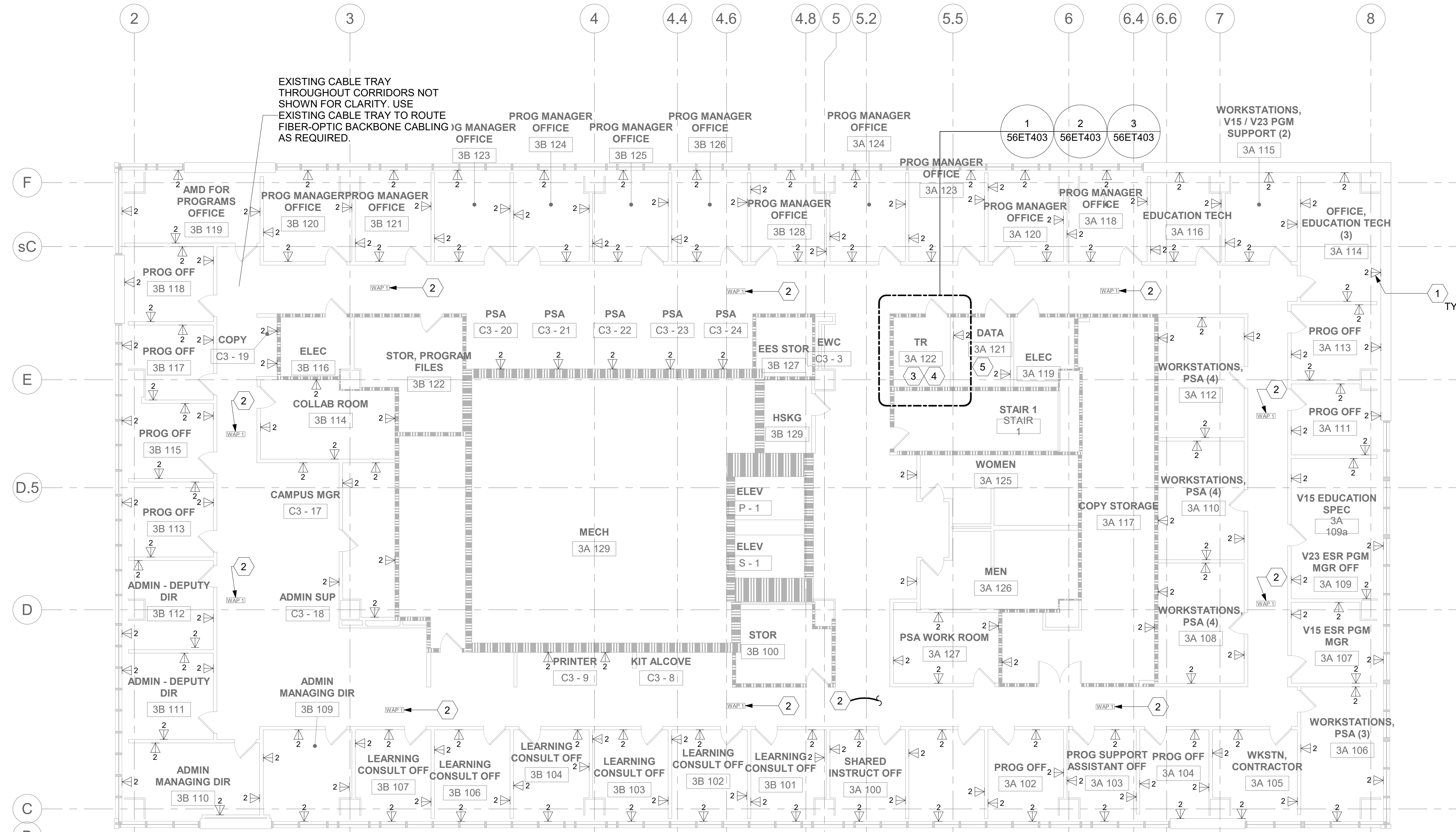
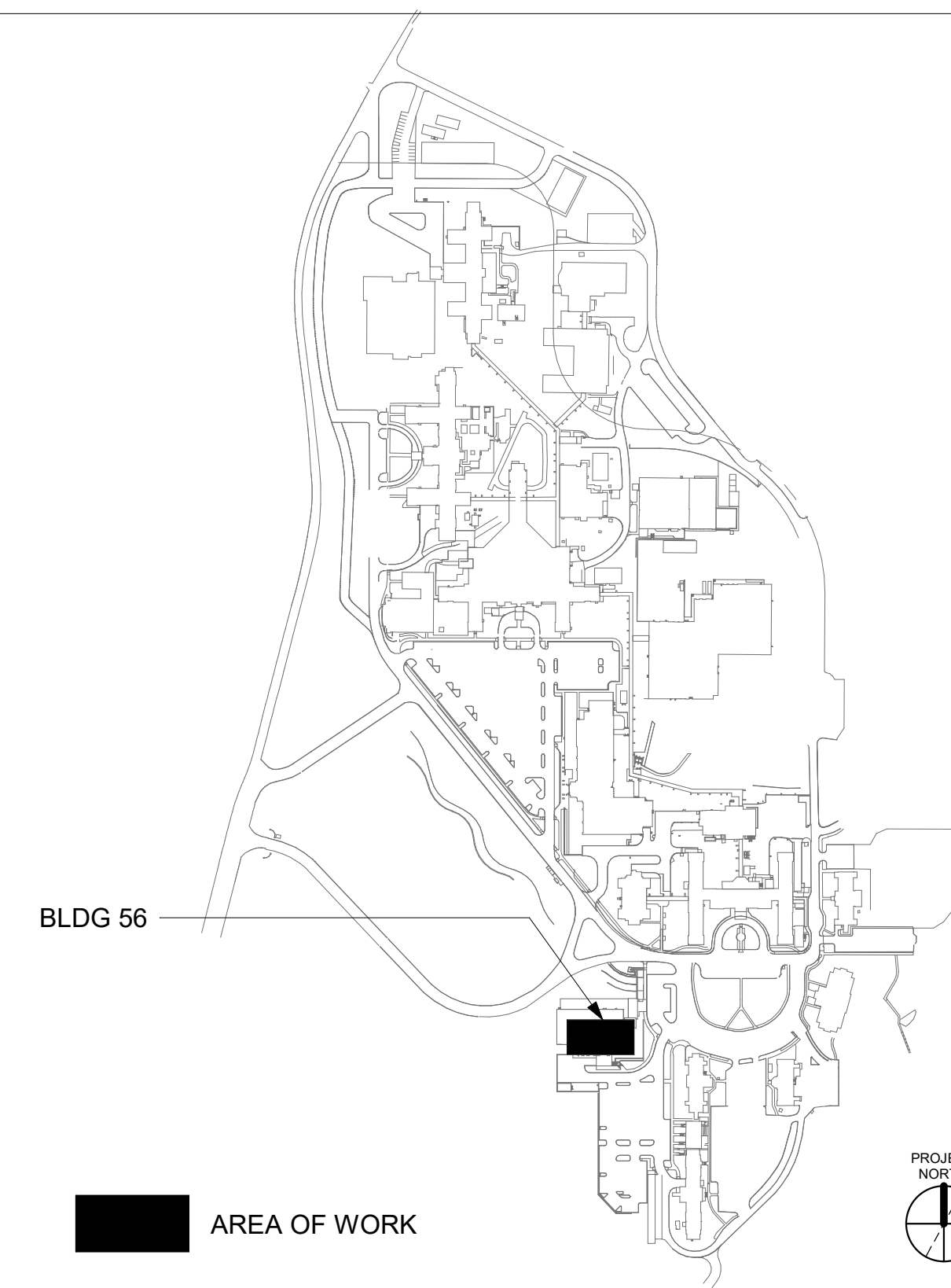
GENERAL NOTES

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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.
4. ALL TELECOMMUNICATIONS CABLEING CATEGORY 6 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 CABLEING. 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.
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9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLEING. 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 IN FIELD; DOCUMENT VARIANCES ON AS-BUILT DRAWINGS.
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12. ALL DATA CABLEING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLEING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLEING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLEING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
13. FIBER-OPTIC CABLEING 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

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KEY PLAN



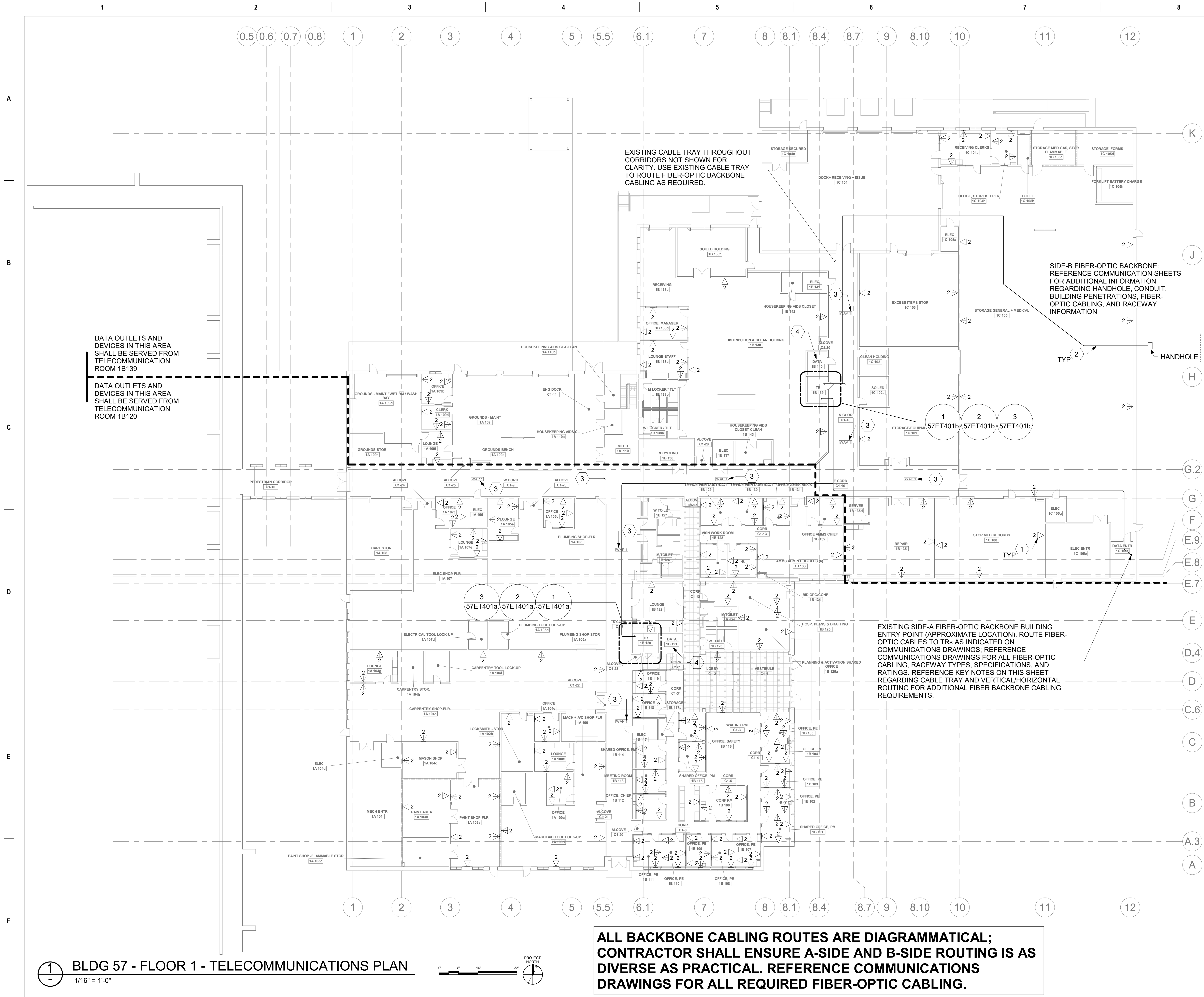
DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 3A 122.

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1 BLDG 56 - FLOOR 3 - TELECOMMUNICATIONS PLAN  
1/8" = 1'-0"

		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		VA	BLDG 56 - FLOOR 3 - TELECOMMUNICATIONS PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
						Approved:	FULLY SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 56
								Issue Date 03/31/2022	Checked LRL/WM
								Drawn JGE/JBB	Drawing Number 56ET103
									356 OF 435





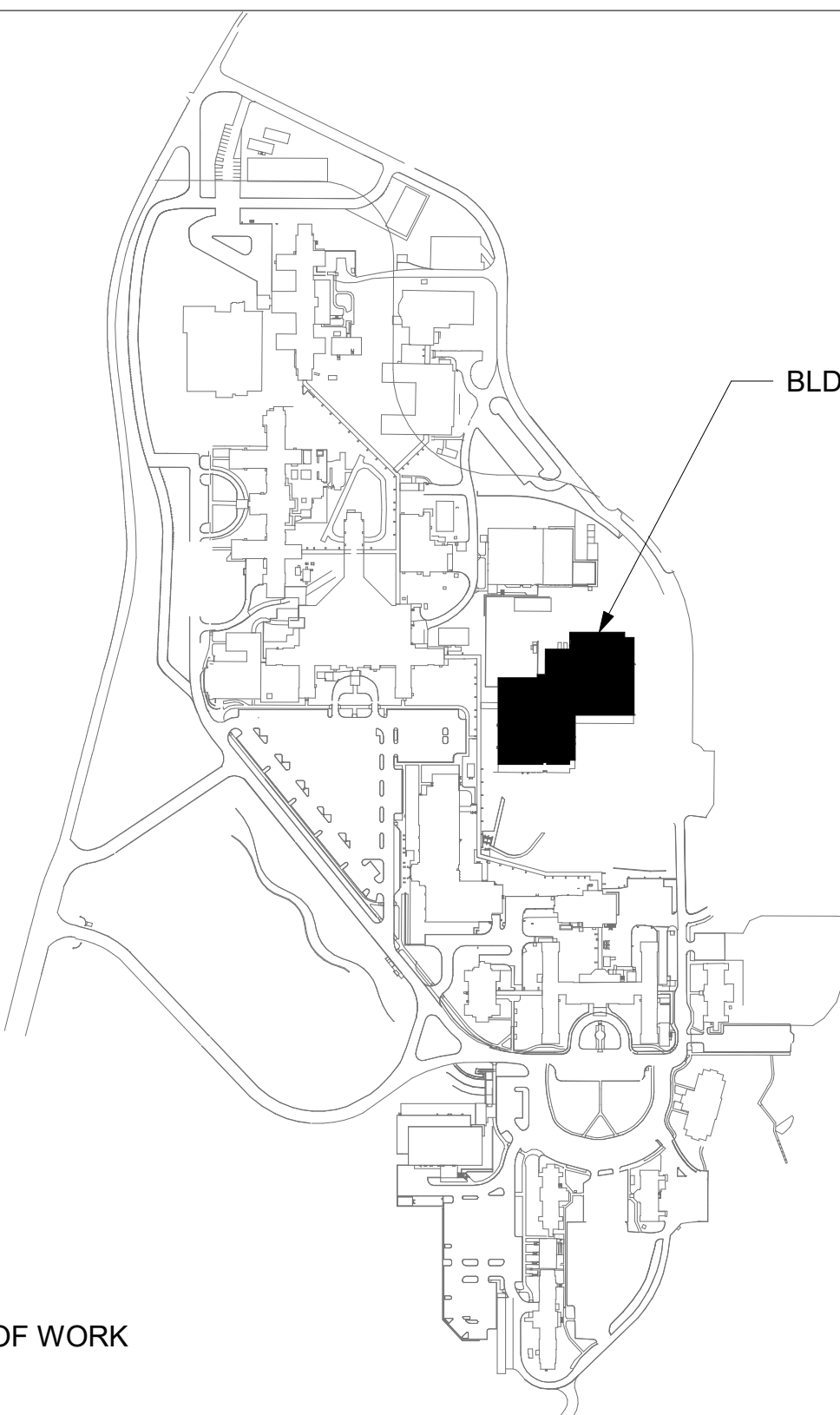
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## KEY PLAN

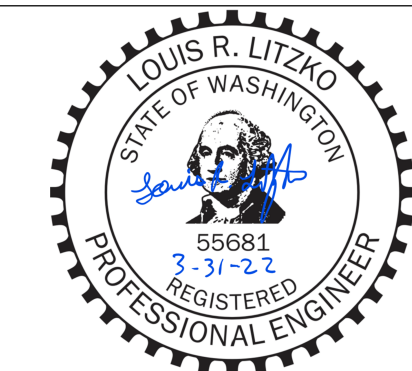


CONSULTANT

ARCHITECT/ENGINEER OF RECORD

STAMP

Office of  
Construction  
and Facilities  
Management



U.S. Department  
of Veterans Affairs

Drawing Title

BLDG 57 - FLOOR 1 -  
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

JPS/LLT

Project Number

657-21-701JB

Building Number

57

Drawing Number

57ET101

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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.

EXISTING SIDE-A FIBER-OPTIC BACKBONE BUILDING ENTRY POINT (APPROXIMATE LOCATION), ROUTE FIBER-OPTIC CABLES TO TRs AS INDICATED ON COMMUNICATIONS DRAWINGS; REFERENCE COMMUNICATIONS DRAWINGS FOR ALL FIBER-OPTIC CABLING, RACEWAY TYPES, SPECIFICATIONS, AND RATINGS. REFERENCE KEY NOTES ON THIS SHEET REGARDING CABLE TRAY AND VERTICAL/HORIZONTAL ROUTING FOR ADDITIONAL FIBER BACKBONE CABLING REQUIREMENTS.

SIDE-B FIBER-OPTIC BACKBONE: REFERENCE COMMUNICATION SHEETS FOR ADDITIONAL INFORMATION REGARDING HANDHOLE, CONDUIT, BUILDING PENETRATIONS, FIBER-OPTIC CABLING, AND RACEWAY INFORMATION

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 104

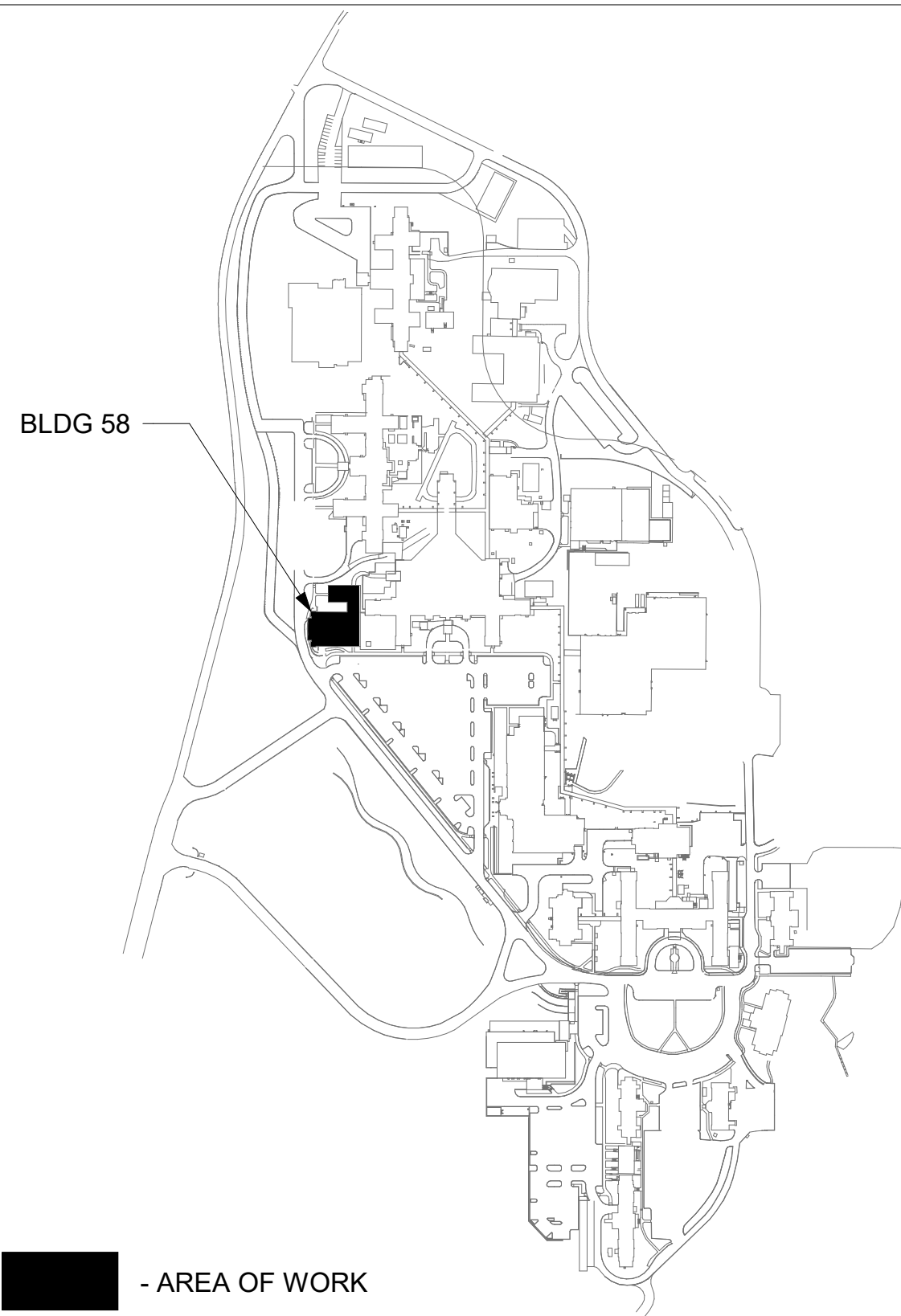
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- EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT 6A CABLING.
- REMOVE AND REPLACE EXISTING CABLE TRAY IN THE AREAS SHOWN AS REQUIRED; IF CABLE TRAY IS NON-EXISTENT, PROVIDE CABLE TRAY AS INDICATED. REFERENCE DETAIL '6' ON SHEET ET503 AND TELECOMMUNICATIONS 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.
- FIBER-OPTIC CABLE HORIZONTAL ROUTING SHALL BE CONCEALED ABOVE DROP CEILING WHEREVER POSSIBLE. UTILIZE CABLE TRAY AS APPLICABLE. PROVIDE CONDUIT SLEEVE WITH FIREPROOFING AS REQUIRED WHERE WALL PENETRATIONS ARE REQUIRED. REFERENCE DETAIL 2 ON SHEET ET503 FOR ADDITIONAL INFORMATION.
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## KEY PLAN



1 BLDG 58 - FLOOR 1 - 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

STAMP

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

Drawing Title
BLDG 58 - FLOOR 1 - TELECOMMUNICATIONS PLAN
Approved:

Phase
CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

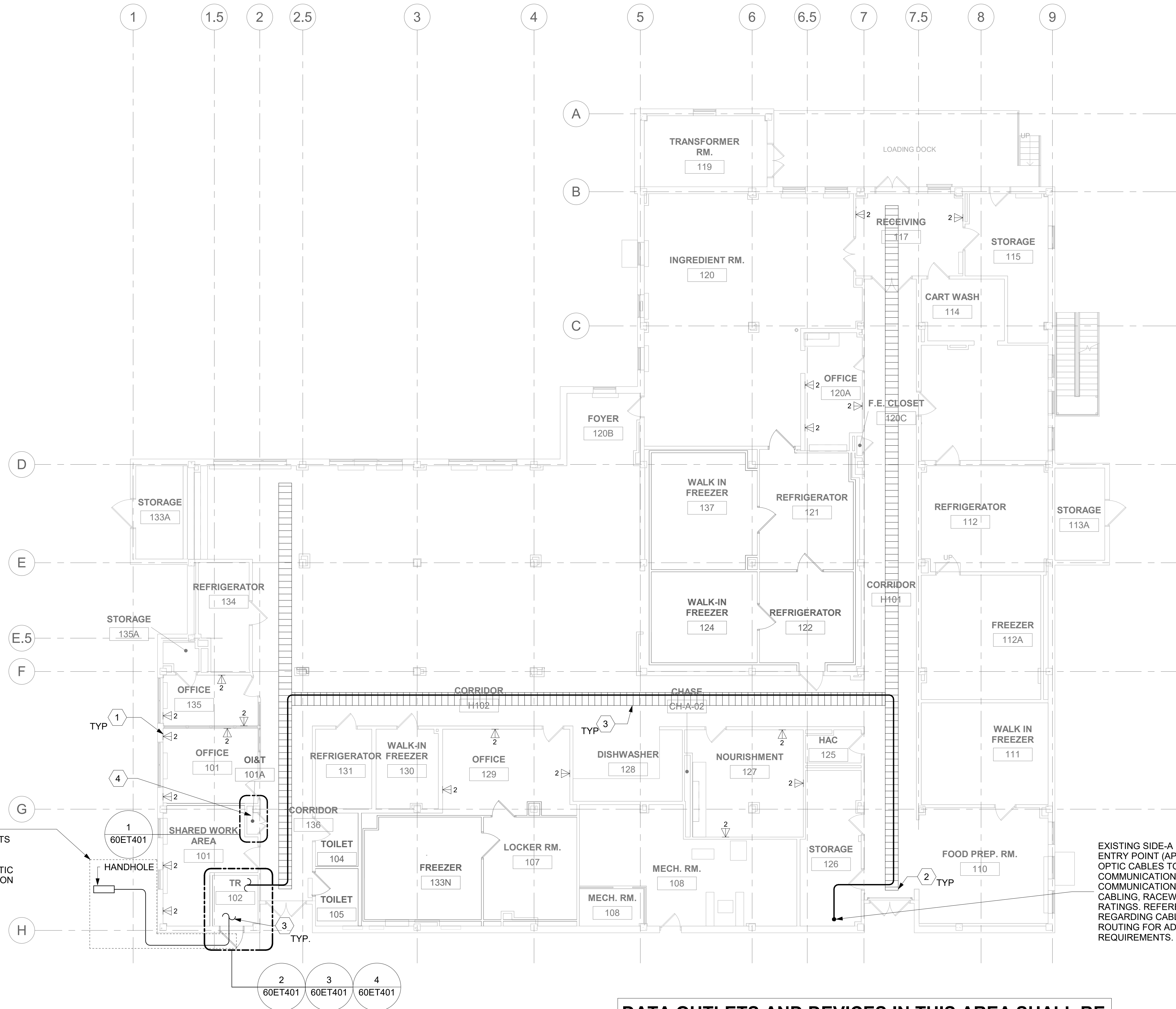
Project Title
EHRM INFRASTRUCTURE UPGRADES
Location
ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO
Issue Date
03/31/2022
Checked
LRL/WM
Drawn
JGE/JBB

Project Number
657-21-701JB
Building Number
58
Drawing Number
58ET101
358 OF 435



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A  
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SIDE-B FIBER-OPTIC BACKBONE:  
REFERENCE COMMUNICATION SHEETS  
FOR ADDITIONAL INFORMATION  
REGARDING HANDHOLE, CONDUIT,  
BUILDING PENETRATIONS, FIBER-OPTIC  
CABLING, AND RACEWAY INFORMATION

EXISTING SIDE-A FIBER-OPTIC BACKBONE BUILDING  
ENTRY POINT (APPROXIMATE LOCATION). ROUTE FIBER-  
OPTIC CABLES TO TRs AS INDICATED ON  
COMMUNICATIONS DRAWINGS; REFERENCE  
COMMUNICATIONS DRAWINGS FOR ALL FIBER-OPTIC  
CABLING, RACEWAY TYPES, SPECIFICATIONS, AND  
RATINGS. REFERENCE KEY NOTES ON THIS SHEET  
REGARDING CABLE TARY AND VERTICAL/HORIZONTAL  
ROUTING FOR ADDITIONAL FIBER BACKBONE CABLING  
REQUIREMENTS.

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE  
SERVED FROM TELECOMMUNICATION ROOM 102.

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.

1 BLDG 60 - FLOOR 1 - TELECOMMUNICATIONS PLAN  
1/8" = 1'-0"



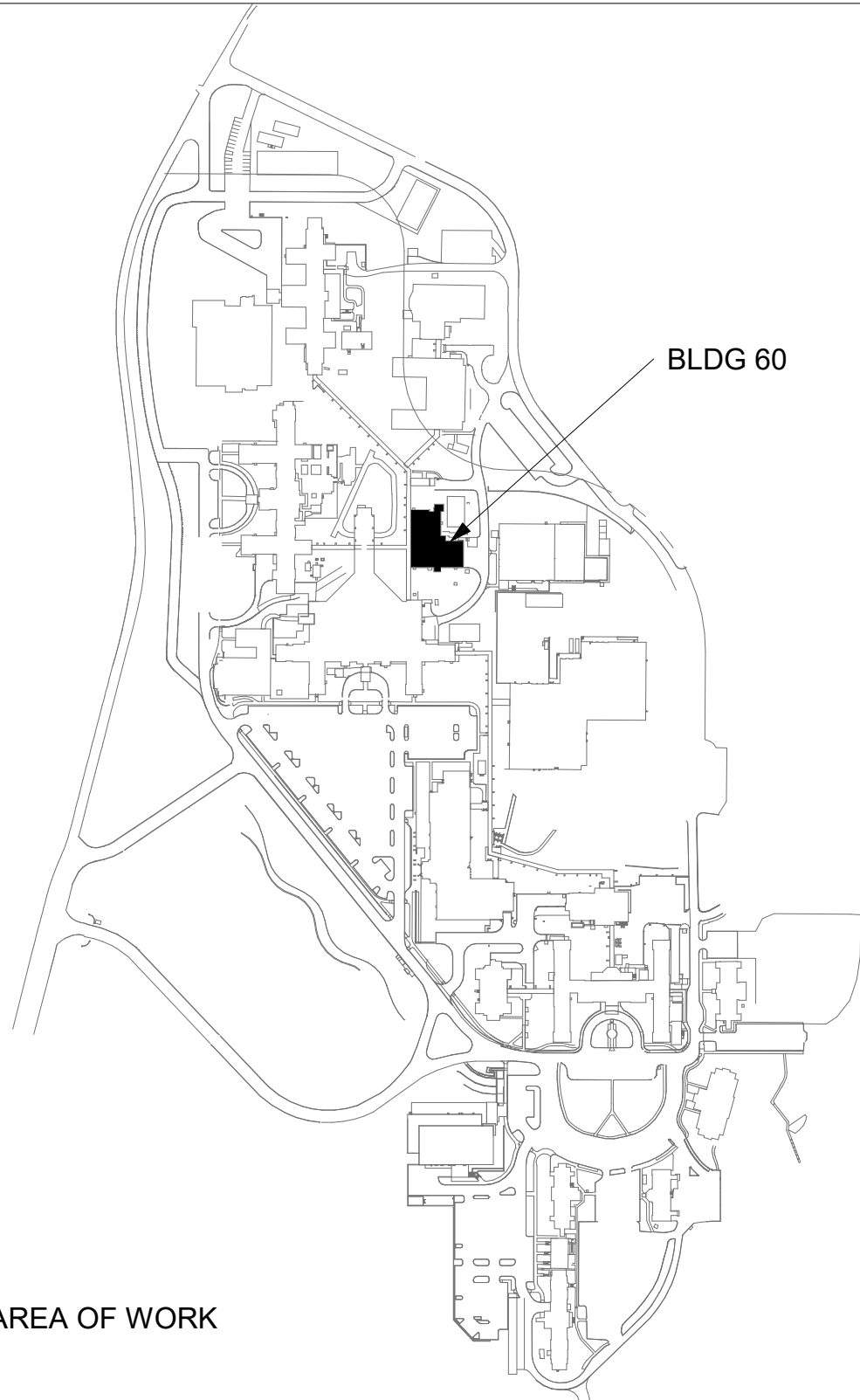
GENERAL NOTES




- 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 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.
- 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.
- 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.
- 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.
- FIBER-OPTIC CABLE HORIZONTAL ROUTING SHALL BE CONCEALED ABOVE DROP CEILING WHEREVER POSSIBLE. UTILIZE CABLE TRAY AS APPLICABLE. PROVIDE CONDUIT SLEEVE WITH FIREPROOFING AS REQUIRED WHERE WALL PENETRATIONS ARE REQUIRED. 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



		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	Project Title	Phase	Project Title	Project Number
						BLDG 60 - FLOOR 1 - TELECOMMUNICATIONS PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB	
						Approved:	FULLY SPRINKLERED	Location	Building Number	
								ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	60	
								Issue Date	Checked	Drawn
Revisions:		Date:		03/31/2022	LRL/WM	JGE/JBB	60ET101			
							359 OF 435			



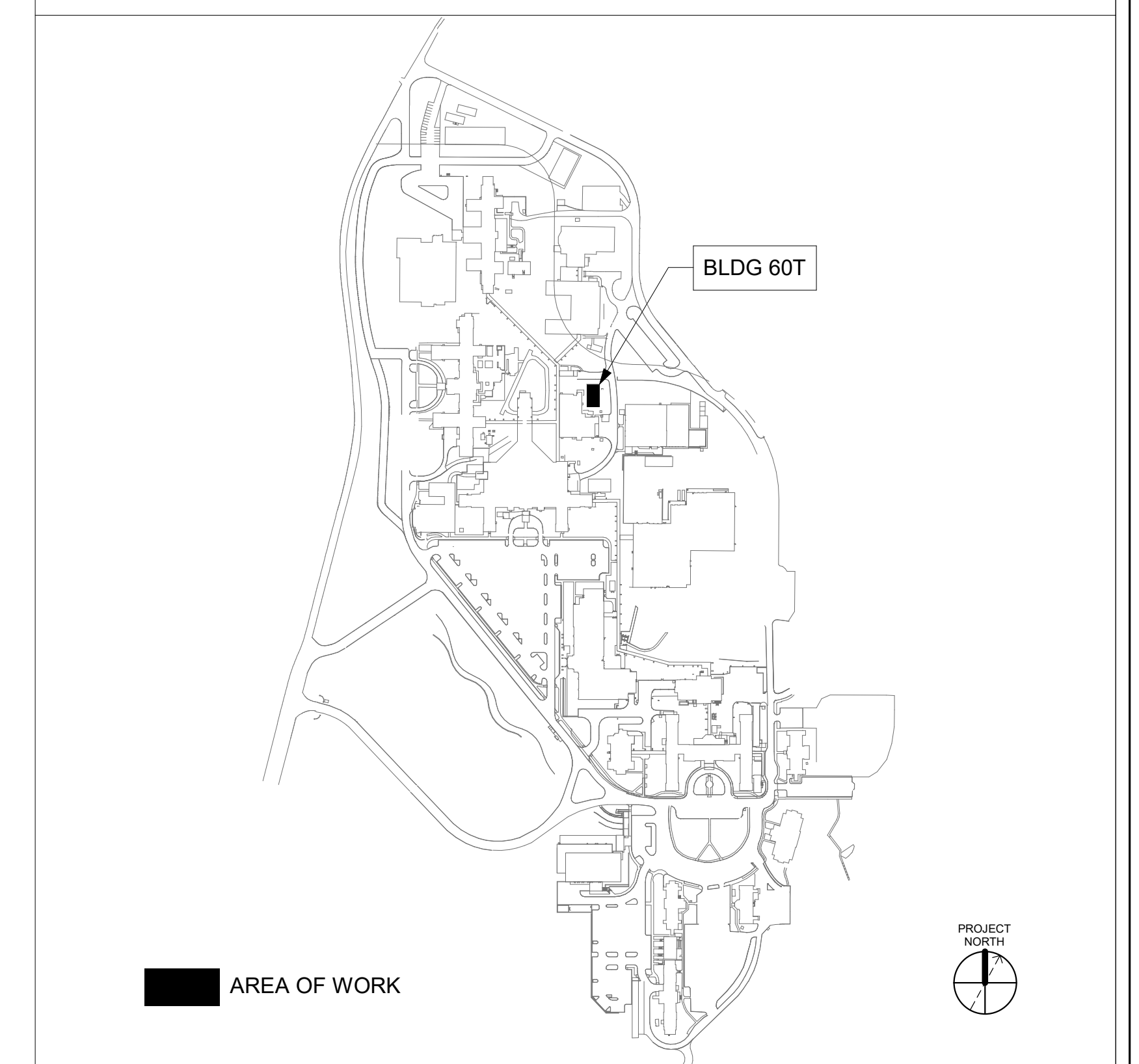
## GENERAL NOTES

1. 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.
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 6 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, TOOL & 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. CONTRACTOR SHALL PROVIDE, INSTALL, AND TERMINATE HORIZONTAL CAT 6A CABLING FROM EACH WAO (WORK AREA OUTLET) TO ITS RESPECTIVE TR.
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 IN 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. 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

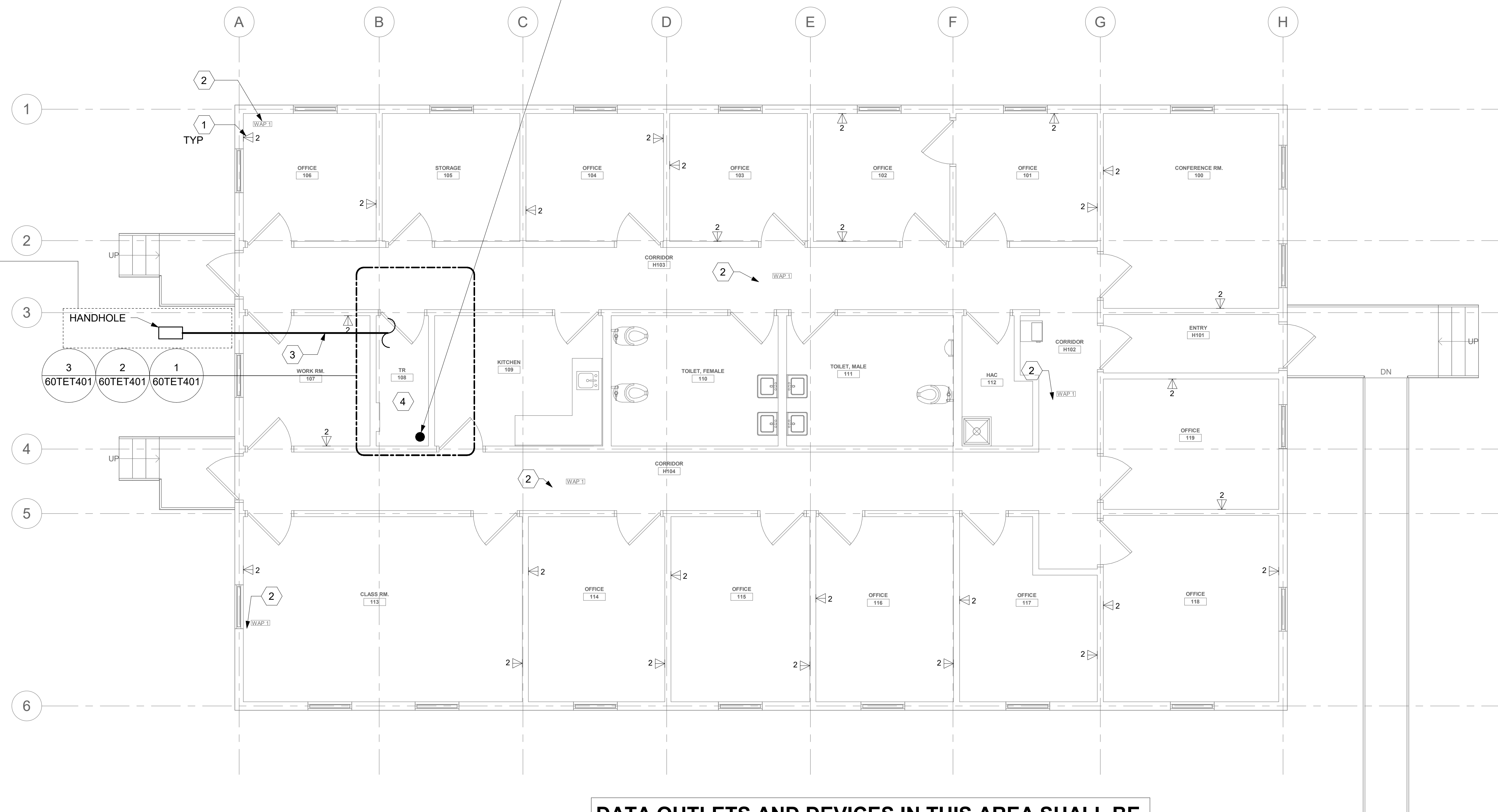
1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET. COORDINATE WITH VA FOR EXACT OUTLET PLACEMENT. REFERENCE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT 6A CABLING.
3. FIBER-OPTIC CABLE HORIZONTAL ROUTING SHALL BE CONCEALED ABOVE DROP CEILING WHEREVER POSSIBLE. UTILIZE CABLE TRAY AS APPLICABLE.  
PROVIDE CONDUIT SLEEVE WITH FIREPROOFING AS REQUIRED WHERE WALL PENETRATIONS ARE REQUIRED. REFERENCE DETAIL 2 ON SHEET ET503 FOR ADDITIONAL INFORMATION.
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



EXISTING SIDE-A FIBER-OPTIC BACKBONE BUILDING  
ENTRY POINT (APPROXIMATE LOCATION). ROUTE FIBER-  
OPTIC CABLES TO TRs AS INDICATED ON  
COMMUNICATIONS DRAWINGS; REFERENCE  
COMMUNICATIONS DRAWINGS FOR ALL FIBER-OPTIC  
CABLING, RACEWAY TYPES, SPECIFICATIONS, AND  
RATINGS. REFERENCE KEY NOTES ON THIS SHEET  
REGARDING CABLE TRAY AND VERTICAL/HORIZONTAL  
ROUTING FOR ADDITIONAL FIBER BACKBONE CABLING  
REQUIREMENTS.

SIDE-B FIBER-OPTIC  
BACKBONE: REFERENCE  
COMMUNICATIONS SHEETS  
FOR ADDITIONAL INFORMATION  
REGARDING HANDHOLE,  
CONDUIT, BUILDING  
PENETRATIONS, FIBER-OPTIC  
CABLING, AND RACEWAY  
INFORMATION



**DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 108**

**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.**

1  
- BLDG 60T - FLOOR 1 - TELECOMMUNICATIONS PLAN  
1/4" = 1'-0"

[illegible]



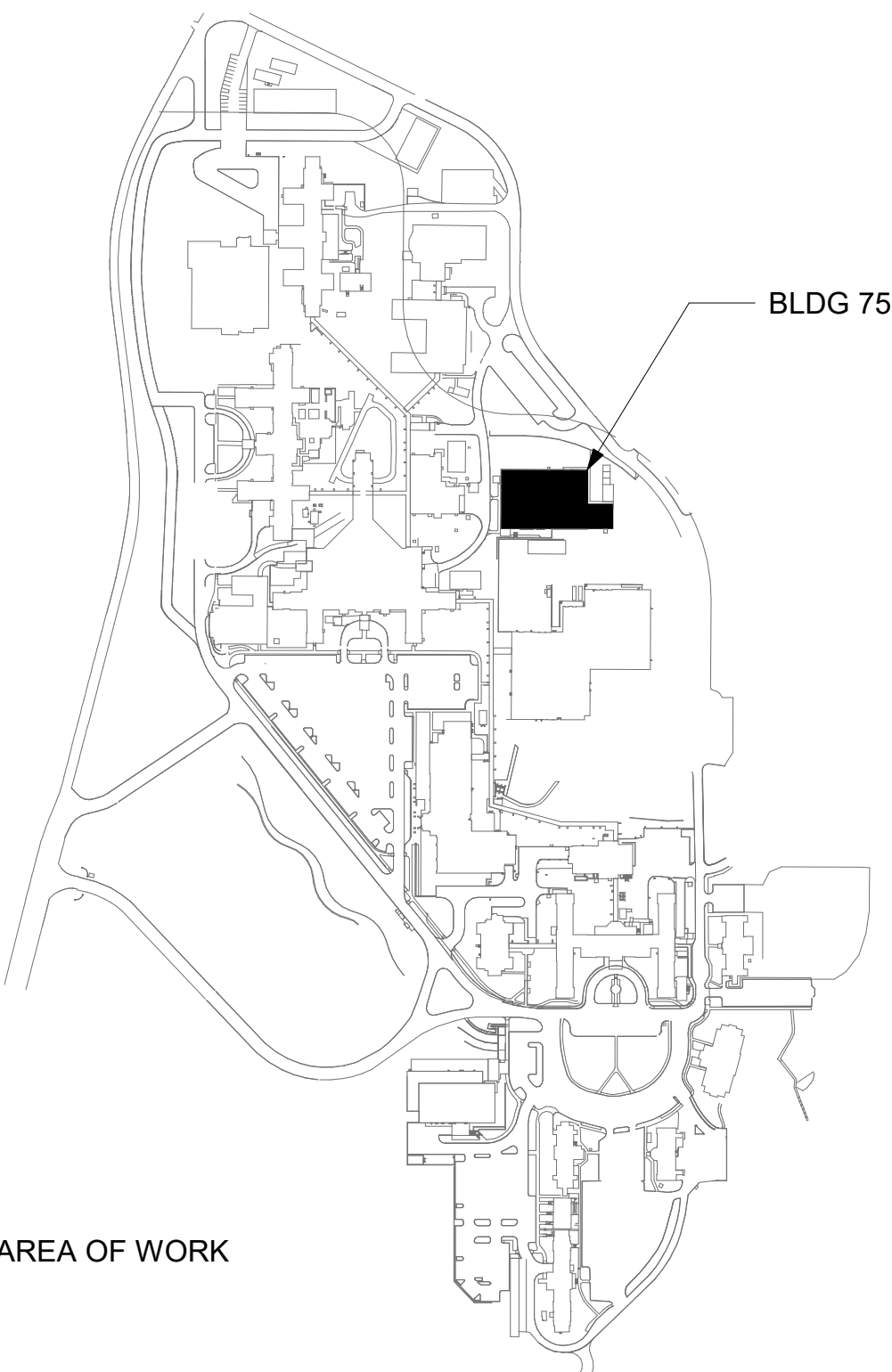
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- FIBER-OPTIC CABLE HORIZONTAL ROUTING SHALL BE CONCEALED ABOVE DROP CEILING WHEREVER POSSIBLE. UTILIZE CABLE TRAY AS APPLICABLE. PROVIDE CONDUIT SLEEVE WITH FIREPROOFING AS REQUIRED WHERE WALL PENETRATIONS ARE REQUIRED. REFERENCE DETAIL 2 ON SHEET ET503 FOR ADDITIONAL INFORMATION.
- ALL EXISTING WIRELESS ACCESS POINTS (WAP) SHALL BE RE-FED WITH CAT 6A CABLING CONTRACTOR SHALL FIELD VERIFY QUANTITY AND LOCATIONS OF WAPS.
- 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



EXISTING SIDE A FIBER-OPTIC BACKBONE BUILDING ENTRY POINT (APPROXIMATE LOCATION); ROUTE FIBER-OPTIC CABLES TO TRs AS INDICATED ON COMMUNICATIONS DRAWINGS; REFERENCE COMMUNICATIONS DRAWINGS FOR ALL FIBER-OPTIC CABLING, RACEWAY TYPES, SPECIFICATIONS, AND RATINGS. REFERENCE KEY NOTES ON THIS SHEET REGARDING CABLE TRAY AND VERTICAL/HORIZONTAL ROUTING FOR ADDITIONAL FIBER BACKBONE CABLING REQUIREMENTS.

SIDE-B FIBER-OPTIC BACKBONE: REFERENCE COMMUNICATION SHEETS FOR ADDITIONAL INFORMATION REGARDING HANDHOLE, CONDUIT, BUILDING PENETRATIONS, FIBER-OPTIC CABLING, AND RACEWAY INFORMATION.

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 TELECOMMUNICATION ROOM 1B105.

1 BLDG 75 - FLOOR 1 - TELECOMMUNICATIONS PLAN  
3/32" = 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

STAMP

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

Drawing Title
BLDG 75 - FLOOR 1 - 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
JGE/JBB

Project Number
657-21-701JB
Building Number
75
Drawing Number
75ET101
361 OF 435