

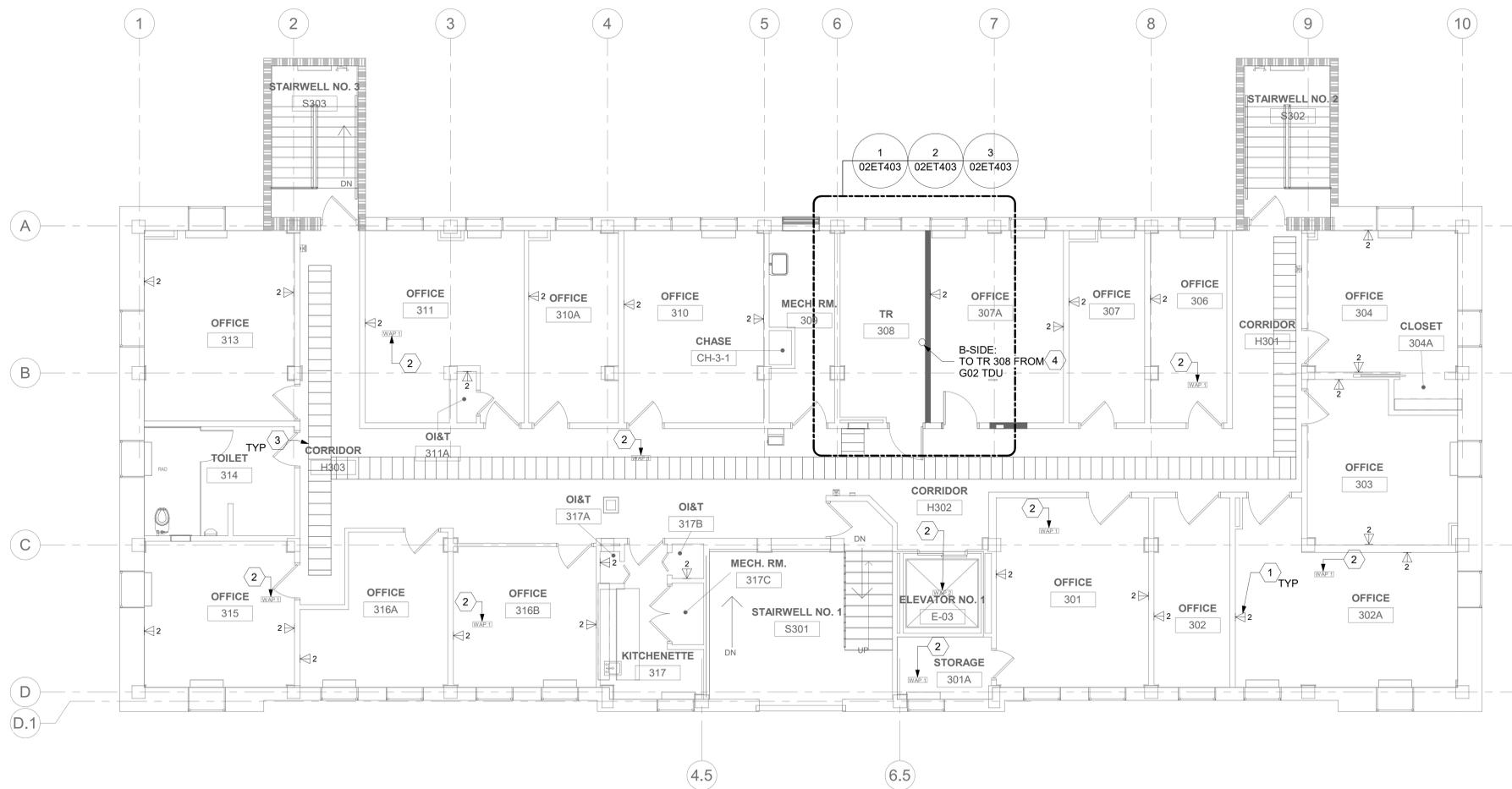
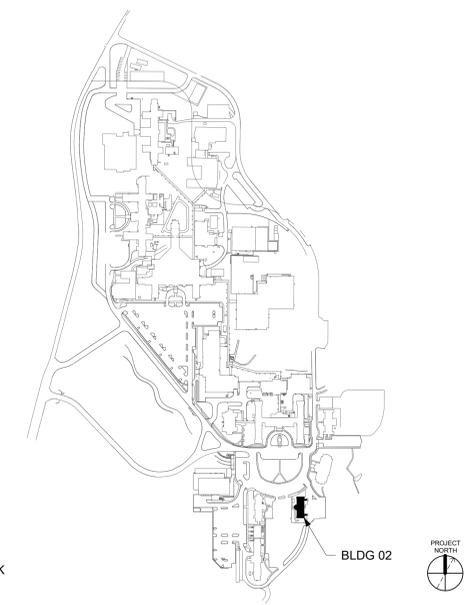
GENERAL NOTES

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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
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, 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 CAT6A CABLING FROM EACH WAO (WORK AREA OUTLET) TO ITS RESPECTIVE TR.
8. PROVIDE PULL BOXES SIZED PER ANS/I/A-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 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 11 ON SHEET ET503 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA FOR EXACT OUTLET PLACEMENT.
- 2 EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT6A CABLING.
- 3 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.
- 4 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.

KEY PLAN



DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 308.

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 02 - FLOOR 3 - TELECOMMUNICATIONS PLAN
3/16" = 1'-0"
PROJECT NORTH

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 02 - FLOOR 3 - TELECOMMUNICATIONS PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					Approved:	FULLY SPRINKLERED	Location	Building Number
							ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	02
							Issue Date	Drawing Number
							03/31/2022	02ET103
							Checked	309 OF 435
							LRU/WNM	
							Drawn	
							JGE/JBB	

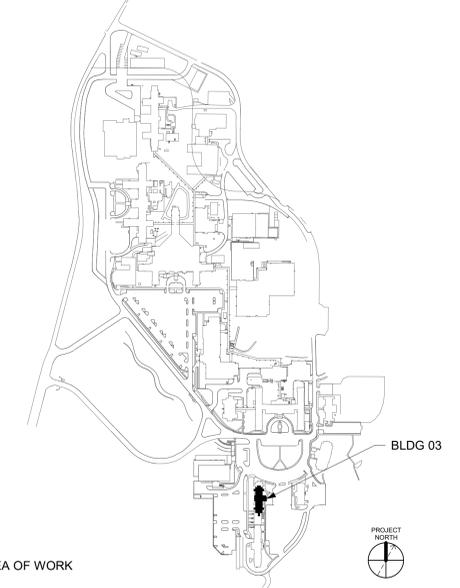
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- SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
- ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE UPGRADED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
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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.

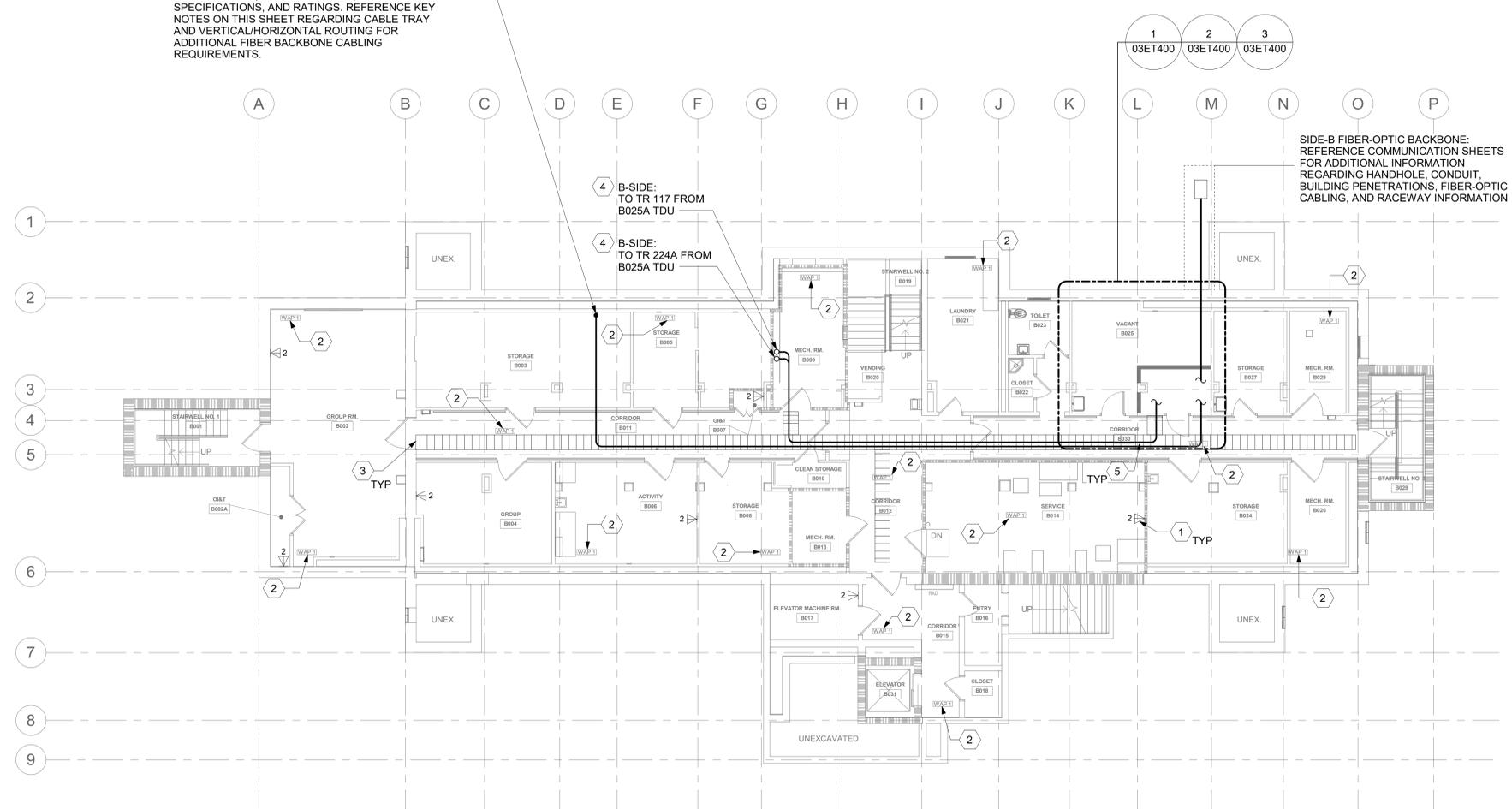
KEY NOTES

- 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.
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- 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 CEILING WHEREVER POSSIBLE UTILIZED 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.

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.



DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM B025.

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 03 - FLOOR 0 - TELECOMMUNICATIONS PLAN
1/8" = 1'-0"
PROJECT NORTH

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. LITZKO STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER	VA U.S. Department of Veterans Affairs	BLDG 03 - 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	03
							Issue Date	Drawing Number
							03/31/2022	03ET100
							Checked	Drawn
							LRU/WNM	JGE/JBB
								310 OF 435

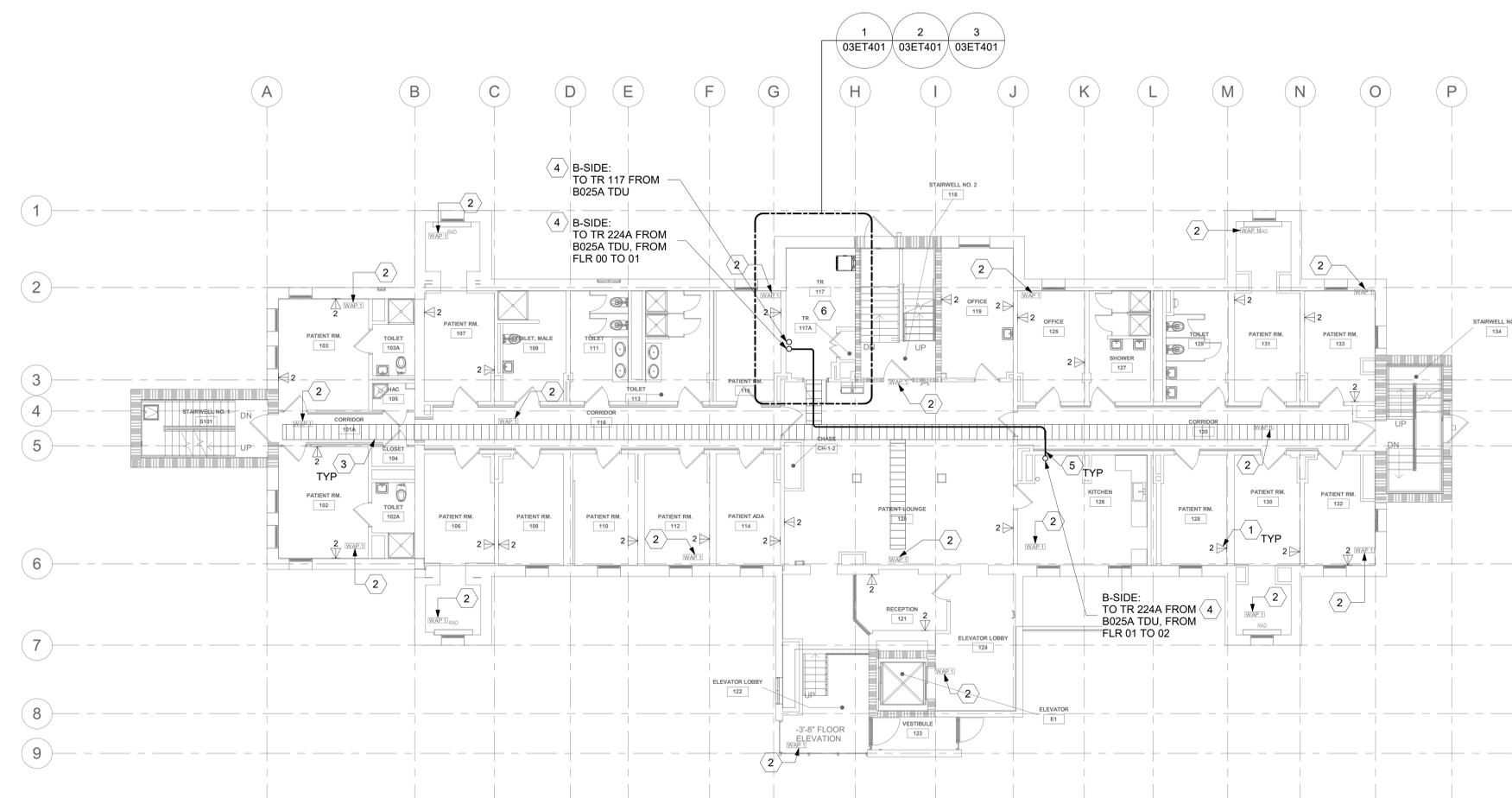
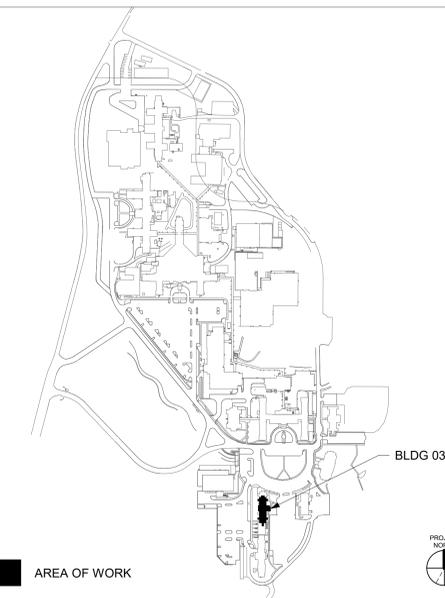
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- SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
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- TELECOMMUNICATIONS CABLES SHALL 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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- 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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- OUTLET LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES ON AS-BUILT DRAWINGS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING FURNITURE, INCLUDING TRANSPORTATION, FOR ALL WORK TO DESIRED VA STORAGE LOCATION. COORDINATE WITH VA AS REQUIRED.
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- 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 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.
- EXISTING WIRELESS ACCESS POINTS TO BE RE-FED WITH CAT6A 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 'S' 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 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.
- 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 117.

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 03 - FLOOR 1 - TELECOMMUNICATIONS PLAN
1/8" = 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			BLDG 03 - 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	03
							Issue Date	Drawing Number
							03/31/2022	03ET101
							Checked	311 OF 435
							LRJ/WNM	
							JGE/JBB	

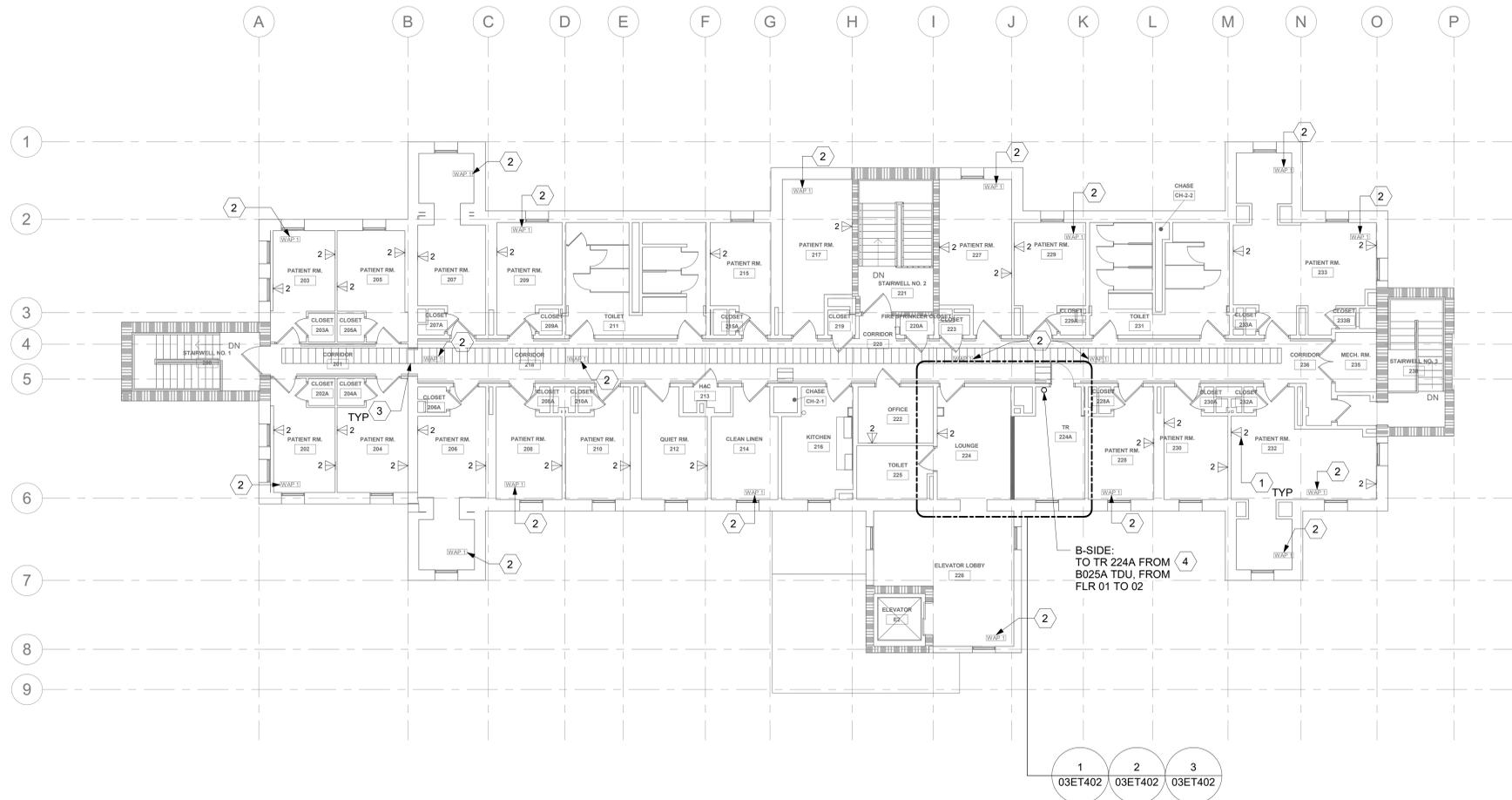
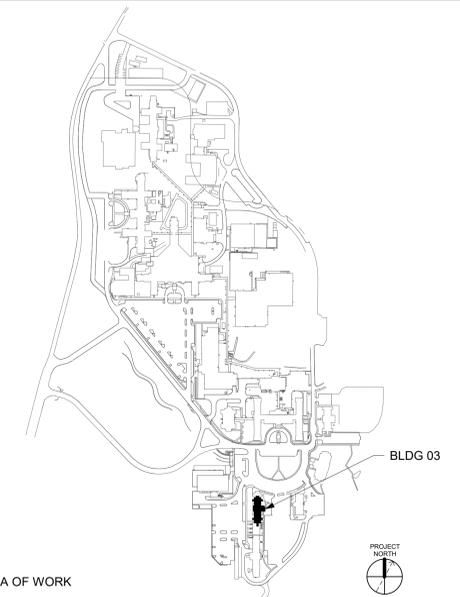
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KEY NOTES

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KEY PLAN



DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 224A.

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 03 - FLOOR 2 - TELECOMMUNICATIONS PLAN
1/8" = 1'-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	LOUIS R. LITZ STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER		BLDG 03 - FLOOR 2 - TELECOMMUNICATIONS PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					Approved:	FULLY SPRINKLERED	Location	Building Number
							ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	03
							Issue Date	Drawing Number
							03/31/2022	03ET102
							Checked	Drawn
							LRJ/WNM	JGE/JBB
								312 OF 435

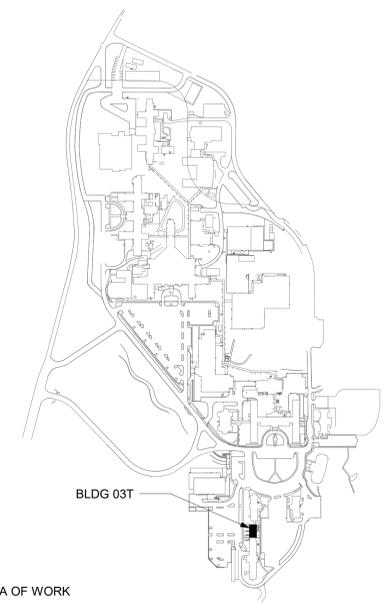
GENERAL NOTES

- ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING 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 REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
- ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE UPGRADED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
- TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING. PROVIDE RACEWAYS TO EXTEND TO ASSOCIATED TR.
- A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
- CONTRACTOR SHALL PROVIDE, INSTALL, AND TERMINATE HORIZONTAL CAT6A CABLING FROM EACH WAO (WORK AREA OUTLET) TO ITS RESPECTIVE TR.
- PROVIDE PULL BOXES SIZED PER ANSII/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, CABLE TRAY 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.
- EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT6A CABLING.
- 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



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 TELECOMMUNICATION ROOM 118.

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 03T - FLOOR 1 - TELECOMMUNICATIONS PLAN
1/4" = 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 03T - 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 LRU/WM
Drawn JGE/JBB

Project Number 657-21-701JB
Building Number 03T
Drawing Number 03TET101
313 OF 435

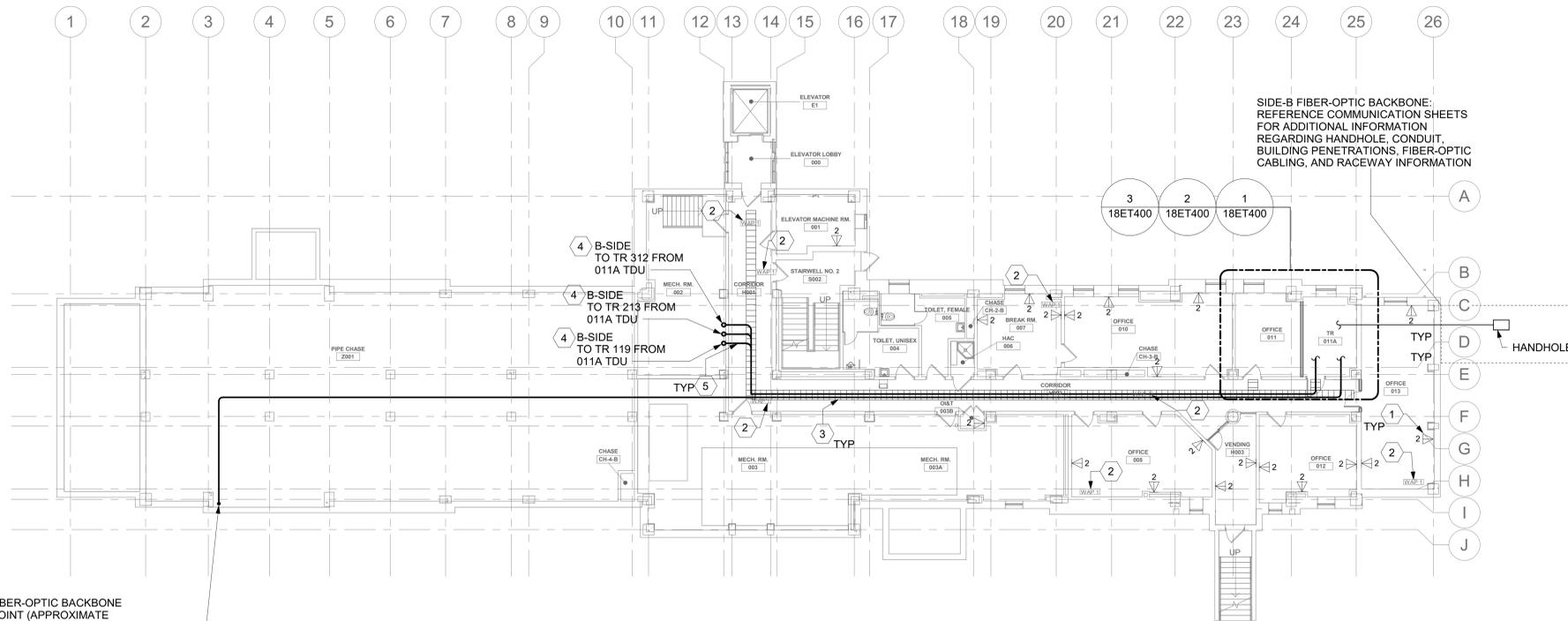
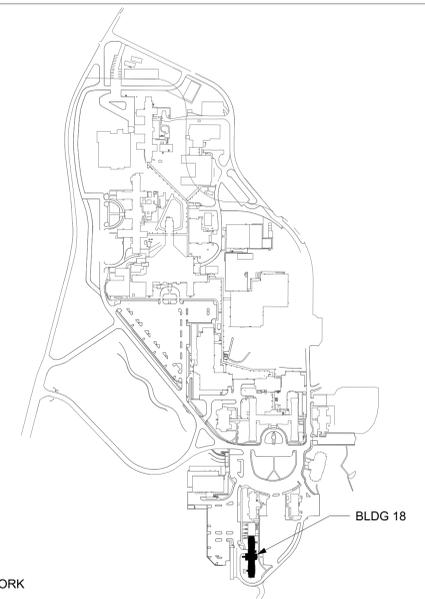
GENERAL NOTES

- 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.
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- 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.
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- CONTRACTOR SHALL PROVIDE, INSTALL, AND TERMINATE HORIZONTAL CAT6A CABLING FROM EACH WAO (WORK AREA OUTLET) TO ITS RESPECTIVE TR.
- PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
- PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
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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.
- EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT6A CABLING.
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- 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.

KEY PLAN



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

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DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 11A.

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 18 - FLOOR 0 - TELECOMMUNICATIONS PLAN
3/32" = 1'-0"
PROJECT NORTH

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 18 - FLOOR 0 - TELECOMMUNICATIONS PLAN Approved:		Phase CONSTRUCTION DOCUMENTS NON SPRINKLERED		Project Title EHRM INFRASTRUCTURE UPGRADES Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO Issue Date 03/31/2022		Project Number 657-21-701JB Building Number 18 Drawing Number 18ET100 314 OF 435	
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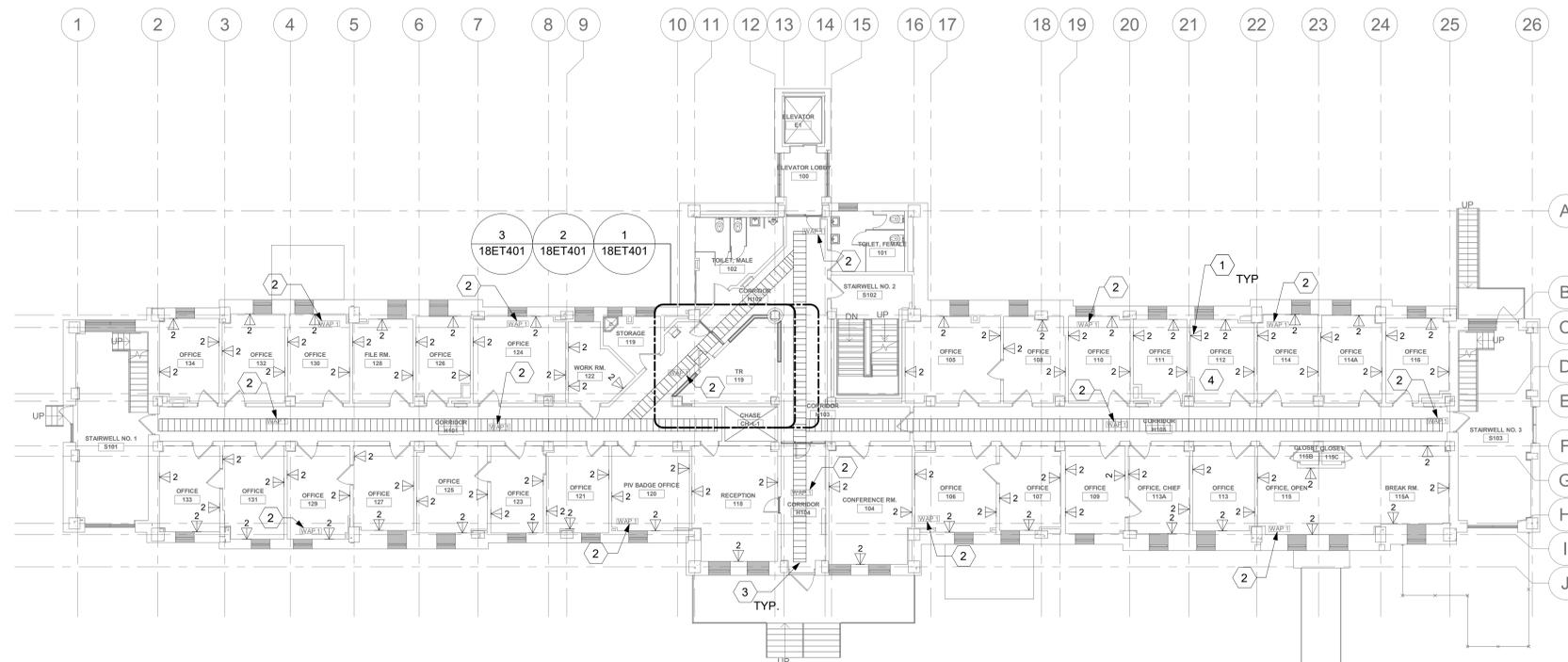
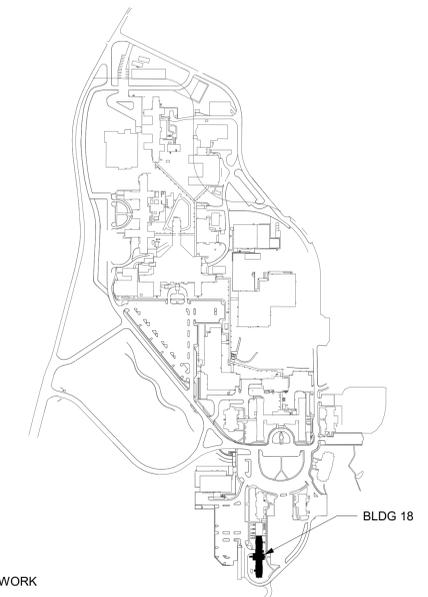
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KEY NOTES

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- EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT6A CABLEING.
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- 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 CABLEING 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 119.

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.

1 BLDG 18 - FLOOR 1 - TELECOMMUNICATIONS PLAN
3/32" = 1'-0"

CONSULTANT [Blank]		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 VA U.S. Department of Veterans Affairs		Drawing Title BLDG 18 - FLOOR 1 - TELECOMMUNICATIONS PLAN Approved: [Blank]		Phase CONSTRUCTION DOCUMENTS NON SPRINKLERED		Project Title EHRM INFRASTRUCTURE UPGRADES Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO Issue Date 03/31/2022		Project Number 657-21-701JB Building Number 18 Drawing Number 18ET101 315 OF 435	
Revisions: [Blank]		Date: [Blank]						Checked LRL/WNM		Drawn JGE/JBB		[Blank]			

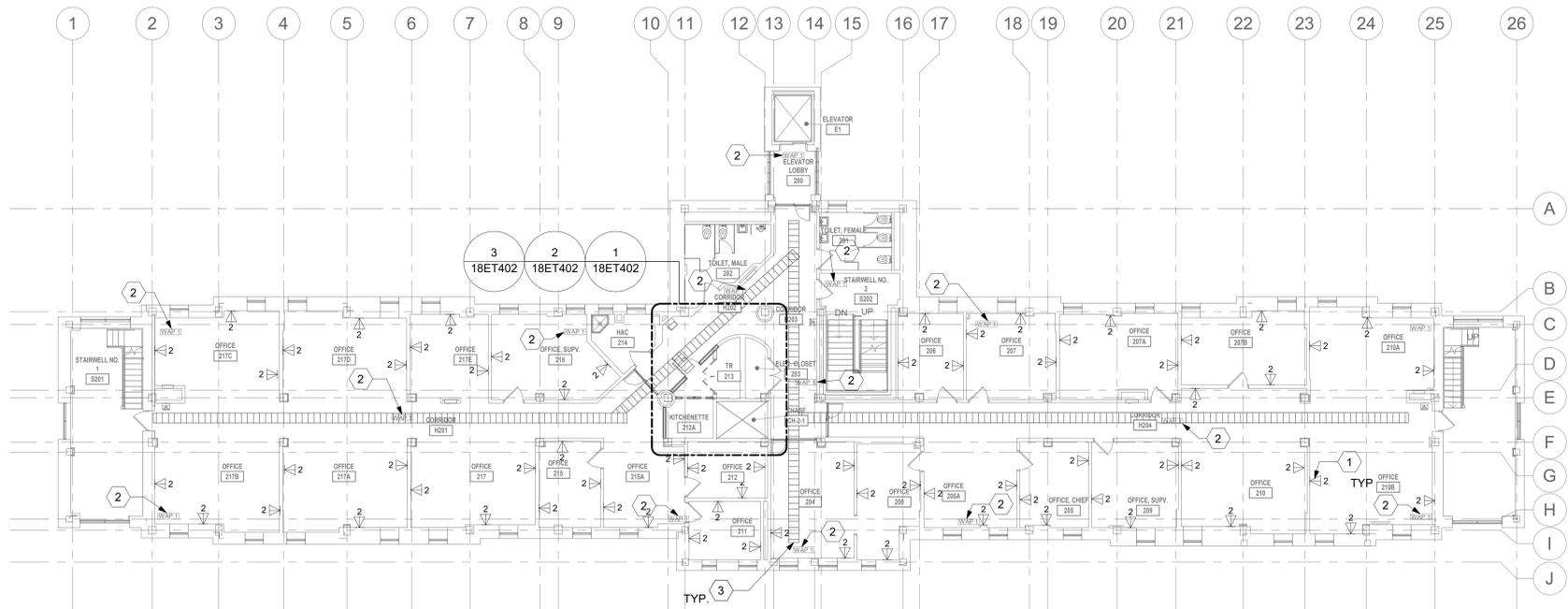
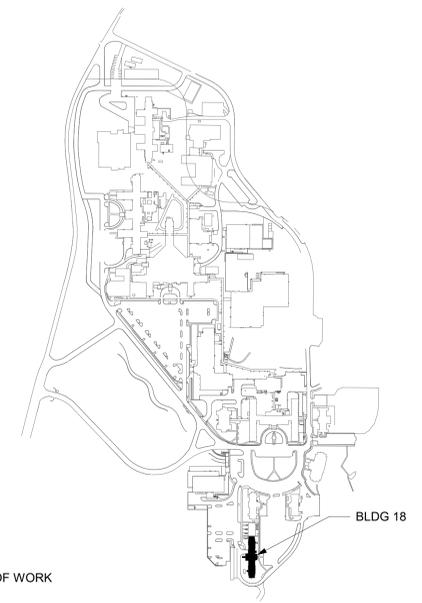
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KEY PLAN



DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 213.

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 18 - FLOOR 2 - TELECOMMUNICATIONS PLAN
3/32" = 1'-0"
PROJECT NORTH

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 18 - FLOOR 2 - TELECOMMUNICATIONS PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
					Approved:	NON SPRINKLERED	Location	Building Number
							ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	18
							Issue Date	Drawing Number
							03/31/2022	18ET102
							Checked	Drawn
							LRJ/WNM	JGE/JBB
								316 OF 435

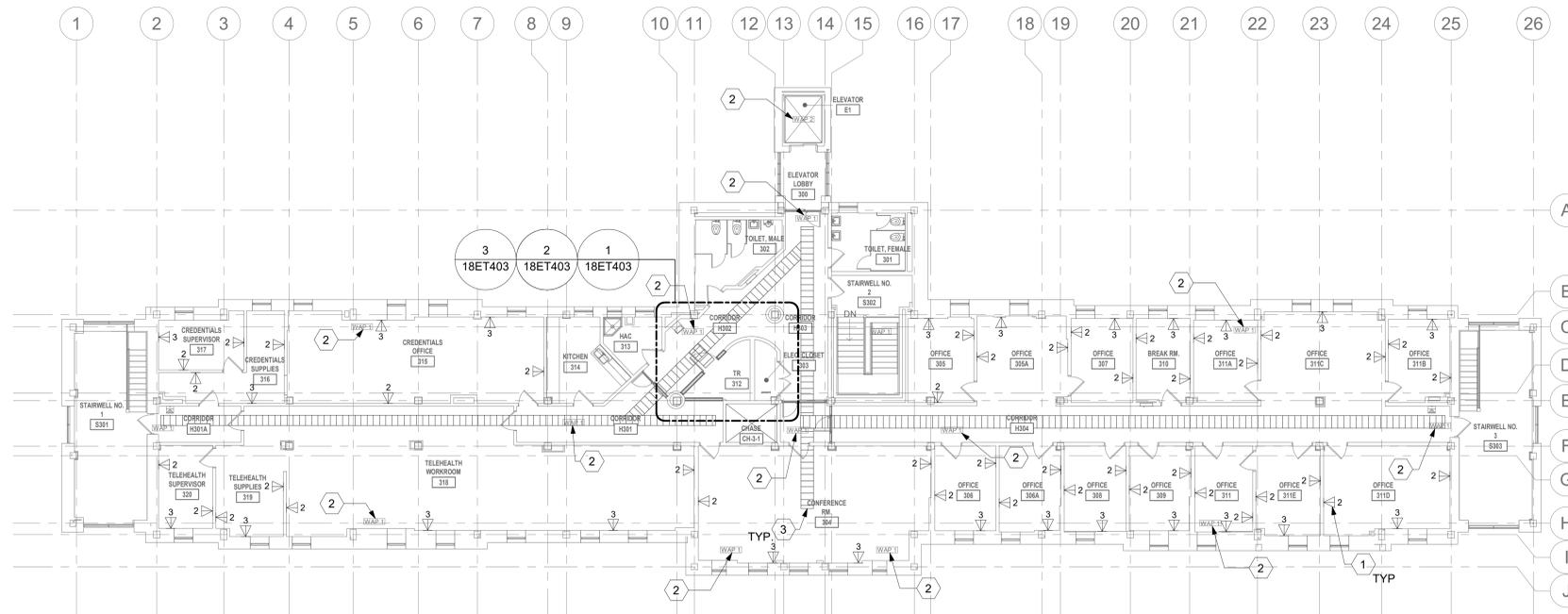
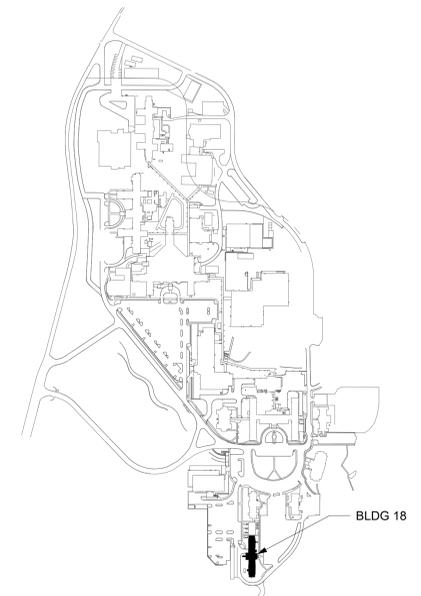
GENERAL NOTES

- 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 CAT6A CABLING FROM EACH WAO (WORK AREA OUTLET) TO ITS RESPECTIVE TR.
- PROVIDE PULL BOXES SIZED PER ANSITIA-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, CABLE TRAY 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.
- EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH CAT6A 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.

KEY PLAN



DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATION ROOM 312.

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.

BLDG 18 - FLOOR 3 - TELECOMMUNICATIONS PLAN
 3/32" = 1'-0"
 PROJECT NORTH

Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Drawing Title	Phase	Project Title	Project Number
			A/E: SPEES DESIGN BUILD 625 1ST AVE, STE 301 SEATTLE, WA 98104 (206) 590-2118 RAY SPEES		BLDG 18 - FLOOR 3 - TELECOMMUNICATIONS PLAN	CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES	657-21-701JB
				Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Approved:	NON SPRINKLERED	Location ST. LOUIS VA MEDICAL CENTER - JEFFERSON BARRACKS, MO	Building Number 18
							Issue Date 03/31/2022	Drawing Number 18ET103
							Checked LRU/WNM	317 OF 435
							Drawn JGE/JBB	

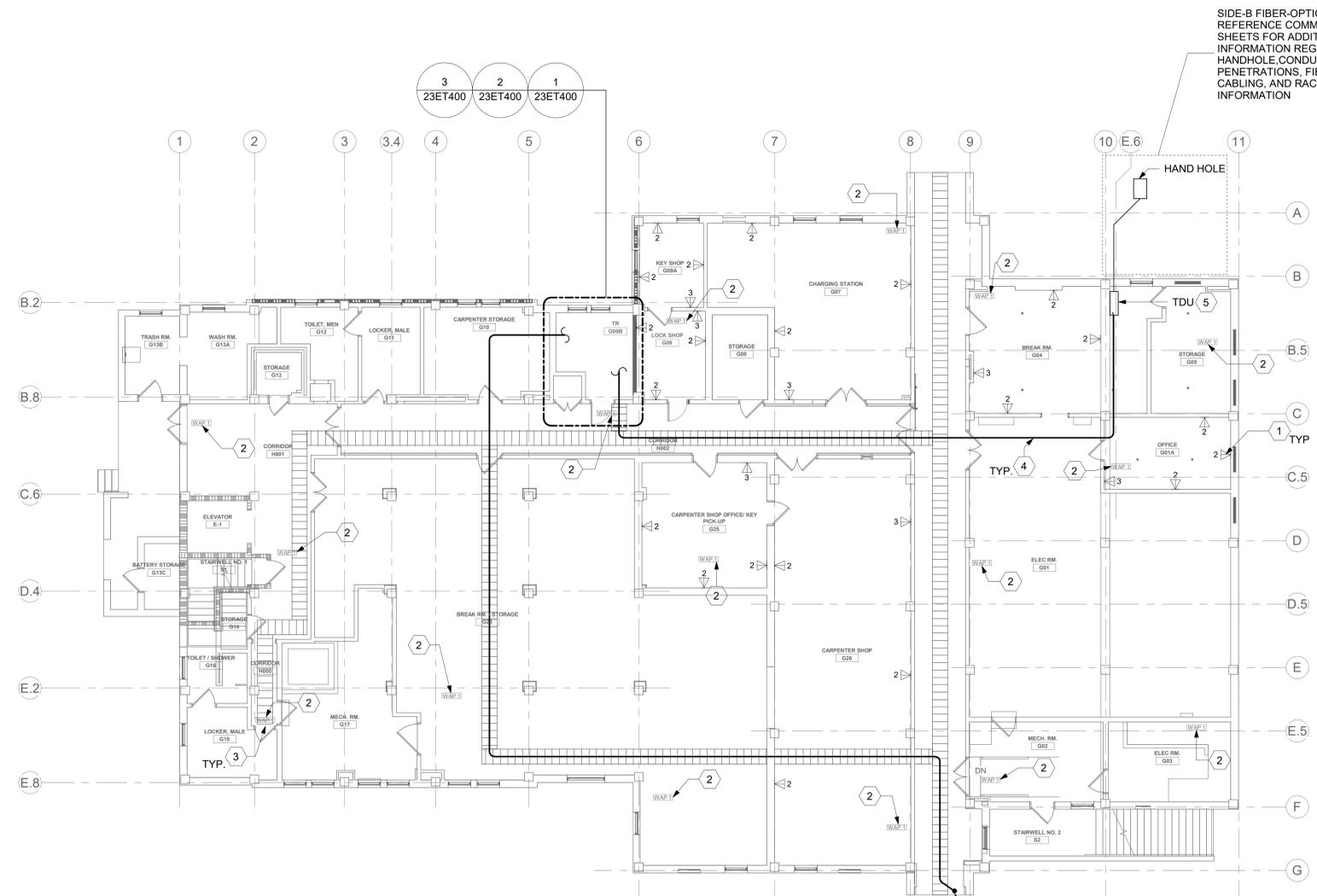
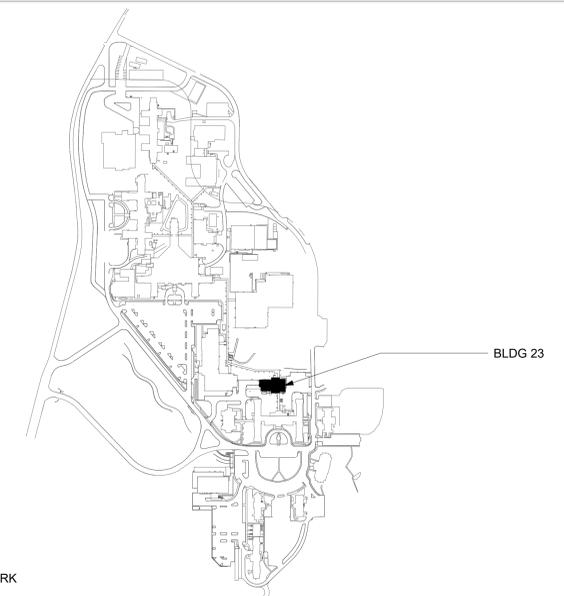
GENERAL NOTES

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- 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.
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- 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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- 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.
- TUBE DISTRIBUTION UNIT (TDU). REFERENCE COMMUNICATION DRAWING FOR ADDITIONAL INFORMATION.

KEY PLAN



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 TELECOMMUNICATION ROOM G09B.

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.

1 BLDG 23 - FLOOR 0 - TELECOMMUNICATIONS PLAN
1/8" = 1'-0"
PROJECT NORTH

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. LITZKA STATE OF WASHINGTON 55081 REGISTERED PROFESSIONAL ENGINEER	VA U.S. Department of Veterans Affairs	BLDG 23 - 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	23
							Issue Date	Drawing Number
							03/31/2022	23ET100
							Checked	Drawn
							LRU/WNM	JGE/JBB
								318 OF 435

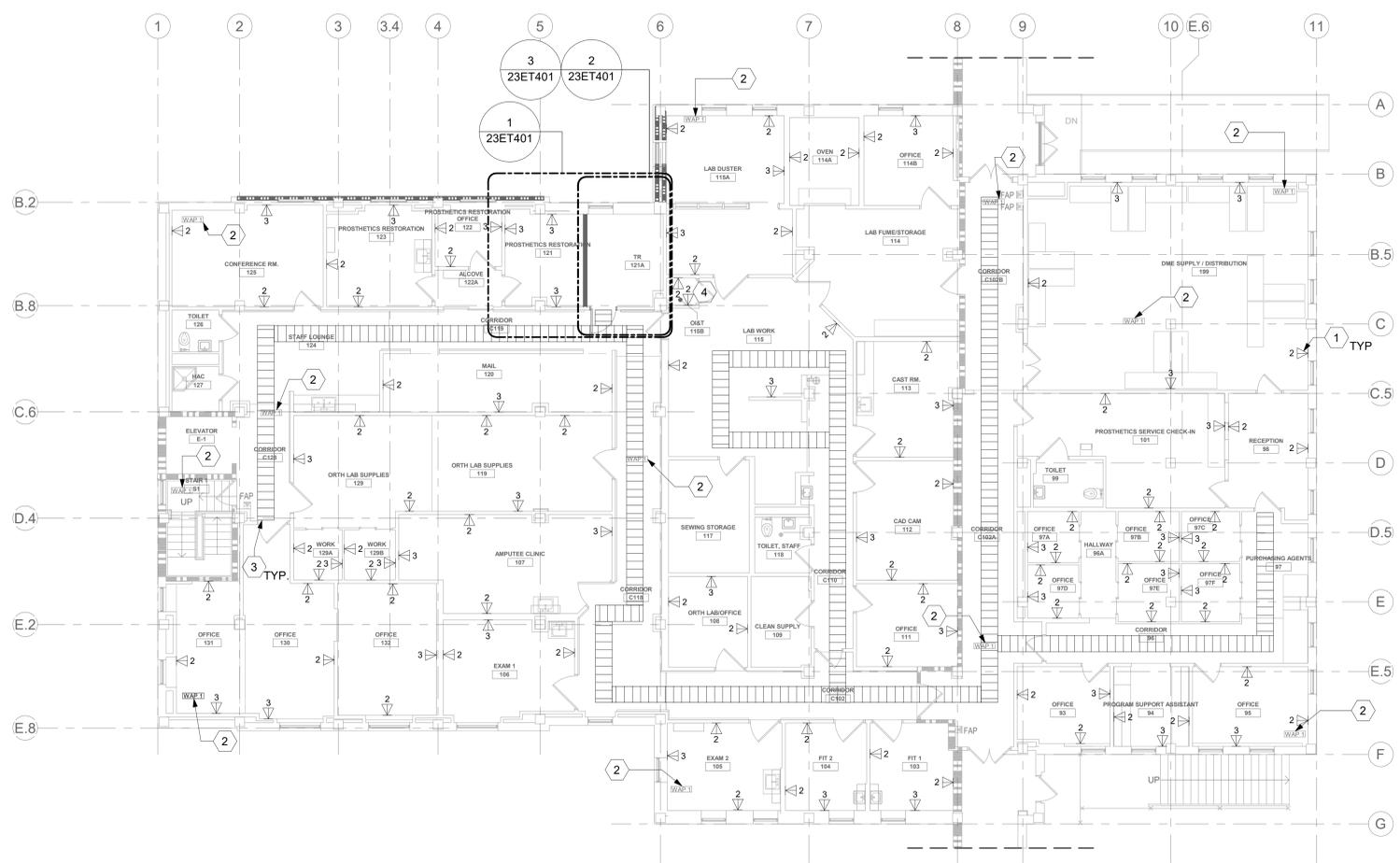
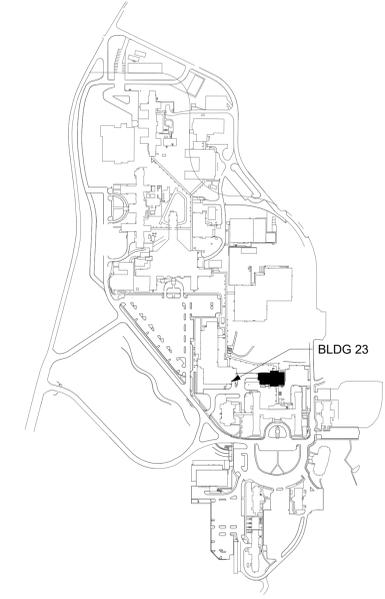
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- UTILIZE EXISTING PACS SECURITY HEAD END LOCATION FOR NEW OR RELOCATED PACS SECURITY TR EQUIPMENT. UPGRADE OR MODIFY EXISTING HEAD END LOCATION AS REQUIRED TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL TR PACS SECURITY SYSTEM. PROVIDE EQUIPMENT, RACEWAYS, 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 121A.

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 23 - FLOOR 1 - TELECOMMUNICATIONS PLAN
 1/8" = 1'-0"
 PROJECT NORTH

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 23 - 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		Project Number 657-21-701JB Building Number 23 Drawing Number 23ET101 319 OF 435	
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