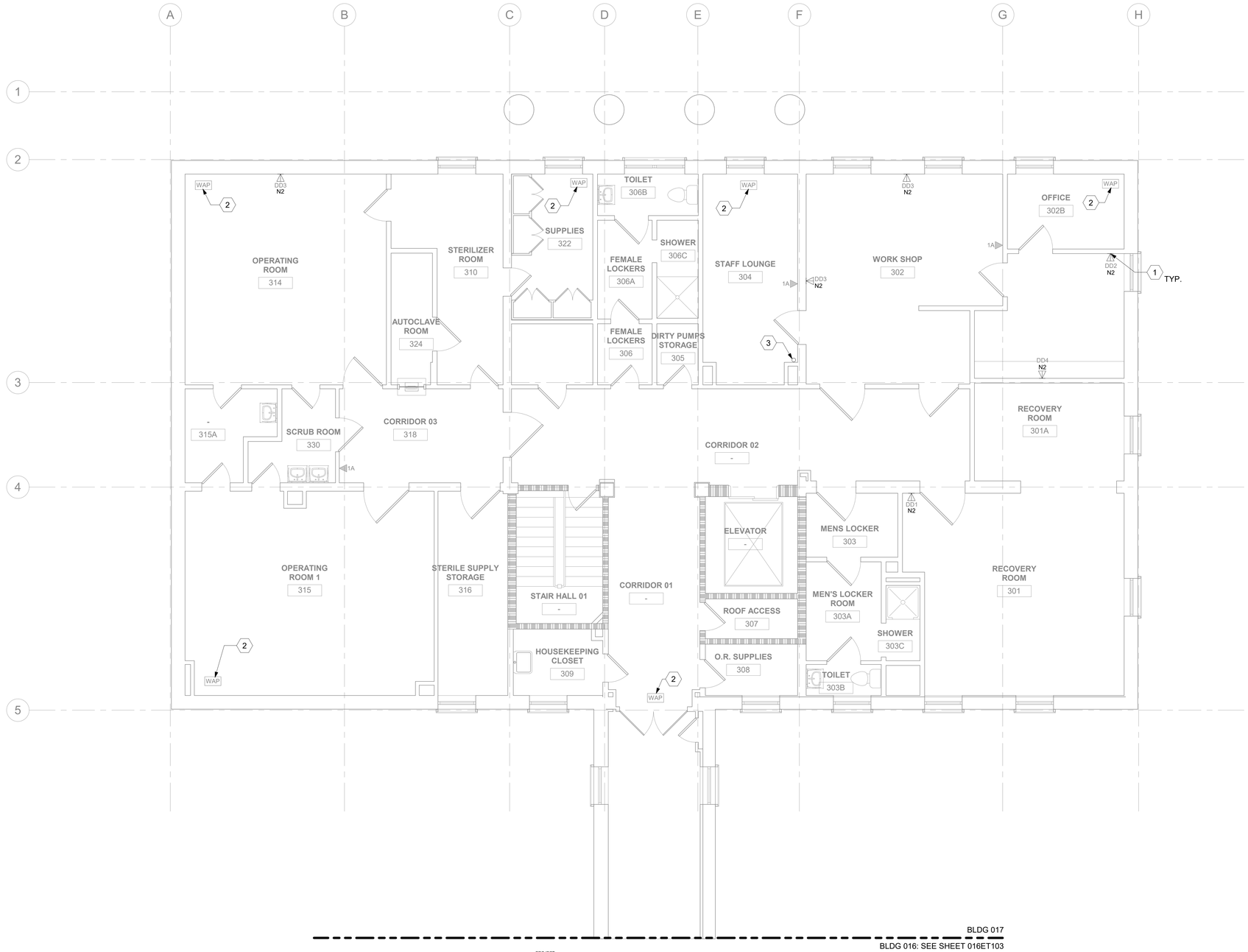
DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM G-203 ON LEVEL 02.



1 - BLDG 017 - LEVEL 03 - TELECOMMUNICATIONS PLAN

1/4" = 1'-0"

PROJECT NORTH

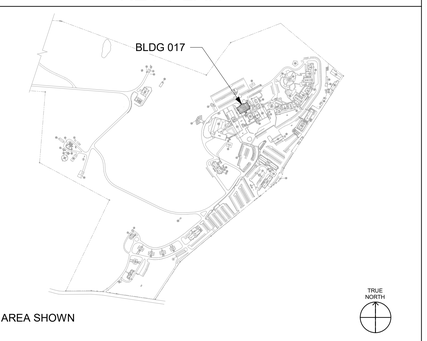
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, AND FINISHES 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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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 BASED ON AS-BUILT DRAWINGS.
11. 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.
12. 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.
13. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.
14. ALL COPPER AND FIBER OPTIC CABLES SHALL BE SUPPORTED BY J HOOKS SPACED 48" TO 60" APART. J HOOKS SHALL NOT EXCEED 40% FILL RATIO.

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 DETAIL '1' ON SHEET ET501 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 (2) CAT6A CABLES.
3. CAT6A FEEDING LEVEL 03 TO BE ROUTED THROUGH VERTICAL FIRE STOP SLEEVE PENETRATION BACK TO TR INDICATED ON "TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE" ON SHEET ET701.

KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

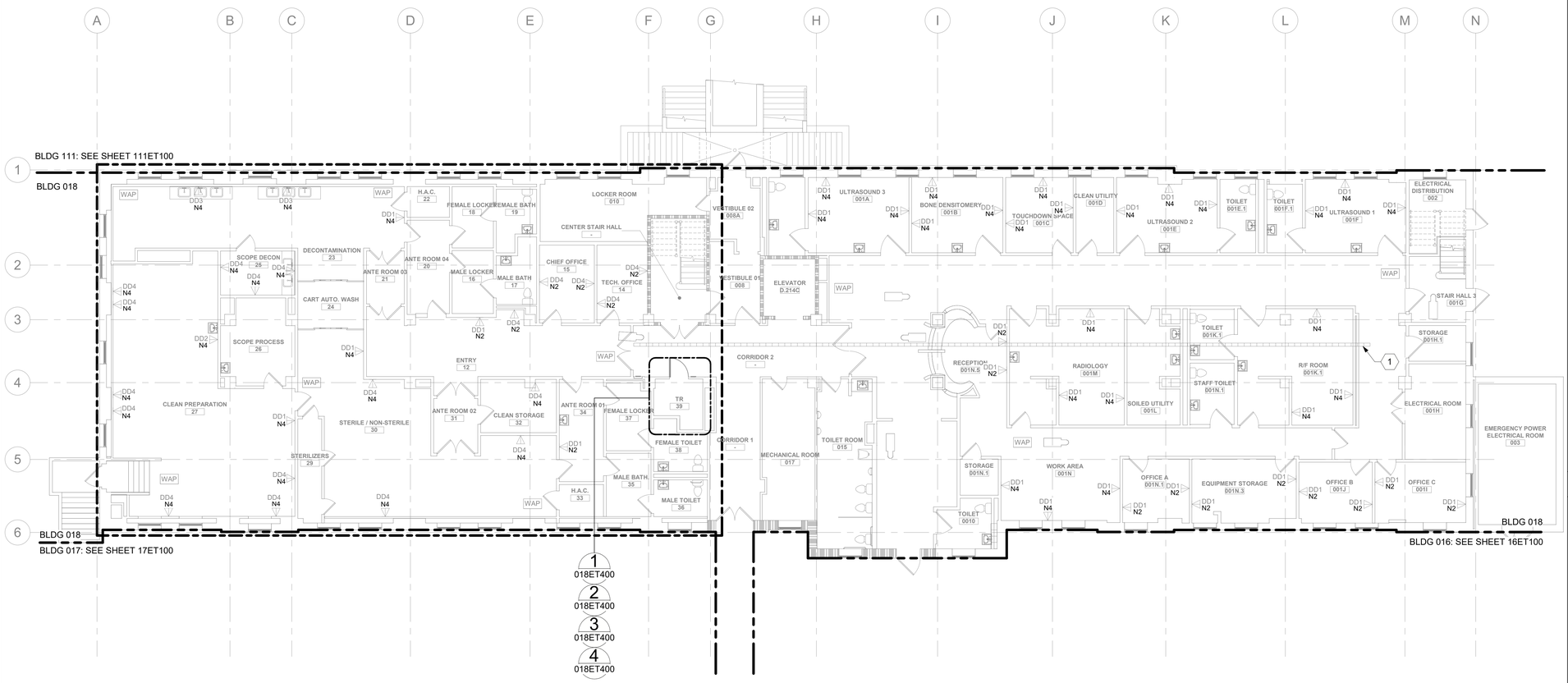
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 017 - LEVEL 03 - TELECOMMUNICATIONS PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 017
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 017ET103
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_17_EL_SDB.rvt
11/7/2025 1:02:25 PM

VA FORM 08 - 6231

DATA OUTLETS AND CABLES ON FLOOR 00, BLDG 018 ARE NOT TO BE RE-CABLED IN THE SCOPE OF THIS PROJECT.



1 BLDG 018 - LEVEL 00 - TELECOMMUNICATIONS PLAN

1/8" = 1'-0"

0 4' 8' 16'

PROJECT NORTH

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, AND FINISHES 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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR V/A CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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.
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12. 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.
13. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.

KEY NOTES

1. 6" X 4" EXISTING CABLE TRAY.

KEY PLAN

AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

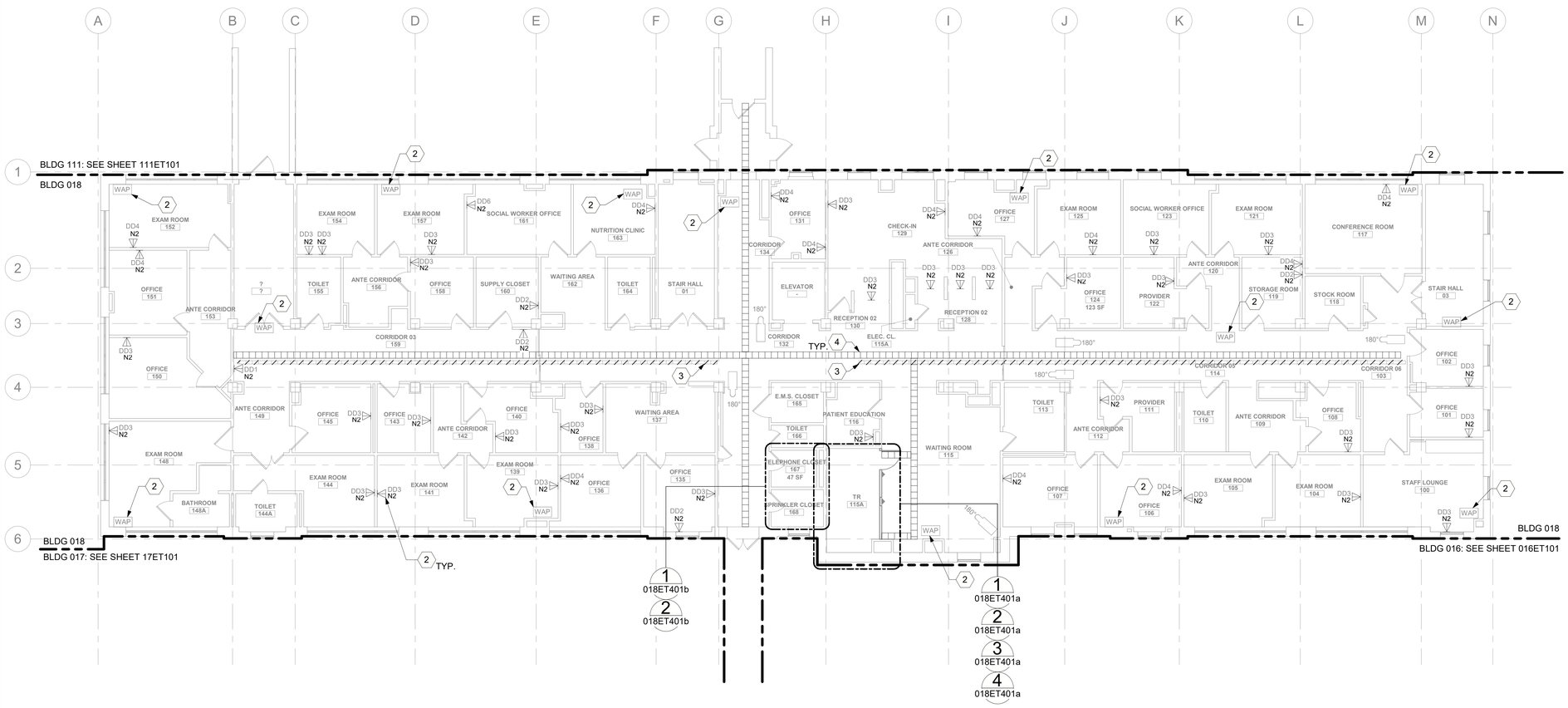
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 018 - LEVEL 00 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 018
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 018ET100
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_18_EL_SDB.rvt
07/11/2025 10:52:42 am

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 115A.



1 BLDG 018 - LEVEL 01 - TELECOMMUNICATIONS PLAN

1/8" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
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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.
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KEY NOTES

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2. EXISTING WIRELESS ACCESS POINT TO BE RE-FRED WITH (2) CAT6A CABLES.
3. 6" X 4" EXISTING CABLE TRAY. SEGREGATE EXISTING SYSTEMS AND DEMOLISH.
4. PROVIDE CABLE TRAY AS INDICATED. REFERENCE DETAIL "6" ON ET501 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

AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SDB SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

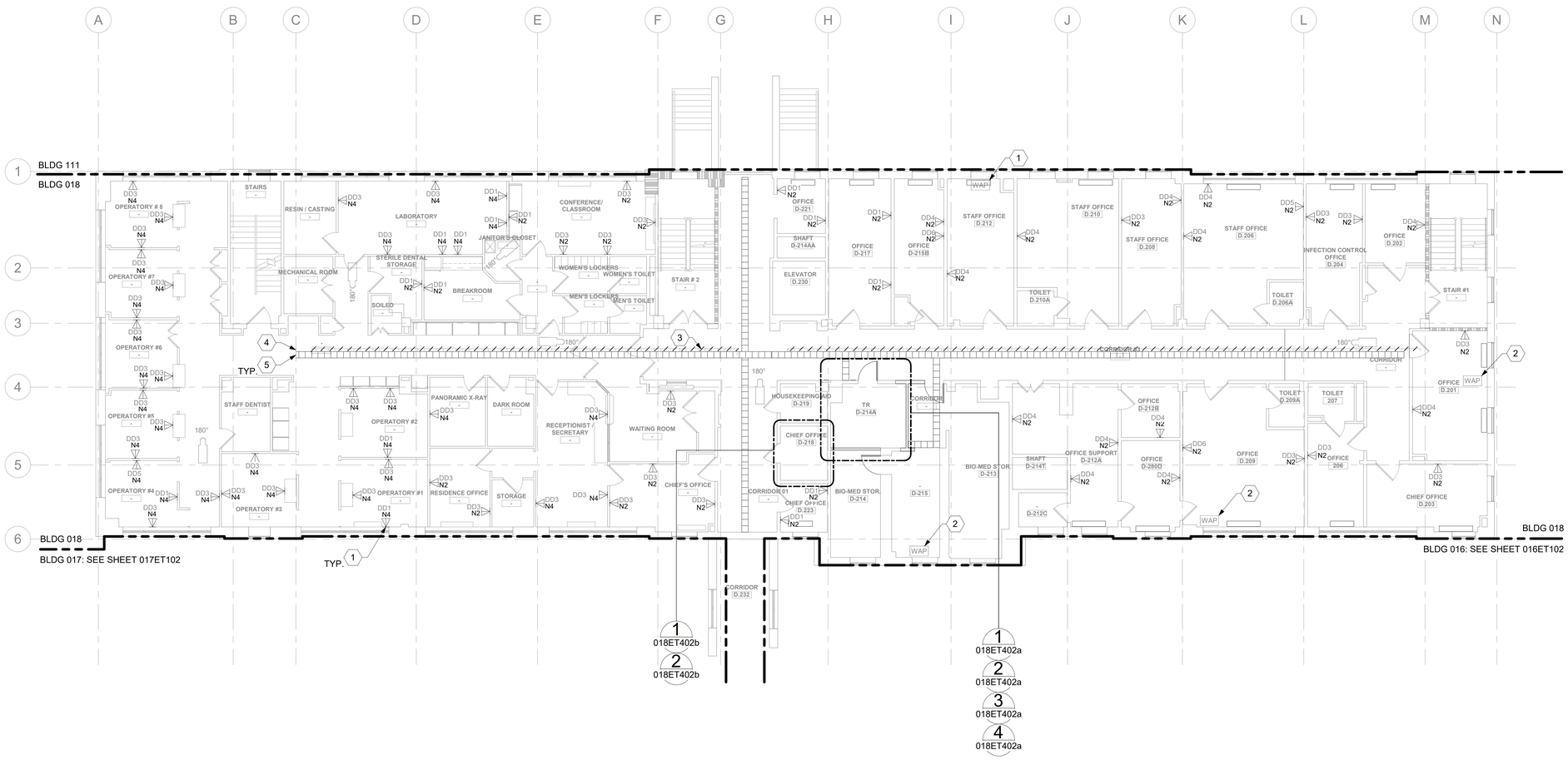
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 018 - LEVEL 01 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 018
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 018ET101
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_18_EL_SDB.rvt
07/11/2025 10:52:50 am

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM D-214A.



1 BLDG 018 - LEVEL 02 - TELECOMMUNICATIONS PLAN

1/8" = 1'-0"

0 4' 8' 16'

PROJECT NORTH

GENERAL NOTES

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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.
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KEY NOTES

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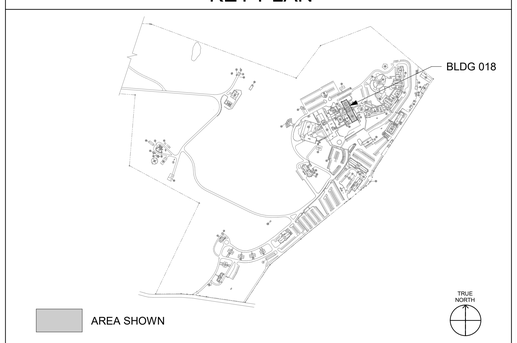
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FRED WITH (2) CAT6A CABLES.
3. 4" X 2" EXISTING CABLE TRAY. SEGREGATE EXISTING SYSTEMS AND DEMOLISH.
4. 12" X 2" EXISTING CABLE TRAY. SEGREGATE EXISTING SYSTEMS AND DEMOLISH.
5. PROVIDE CABLE TRAY AS INDICATED. REFERENCE DETAIL "6" ON ET501 AND TELECOMMUNICATIONS 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



Revisions:	Date:

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ENGINEERING DISCIPLINE:

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EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

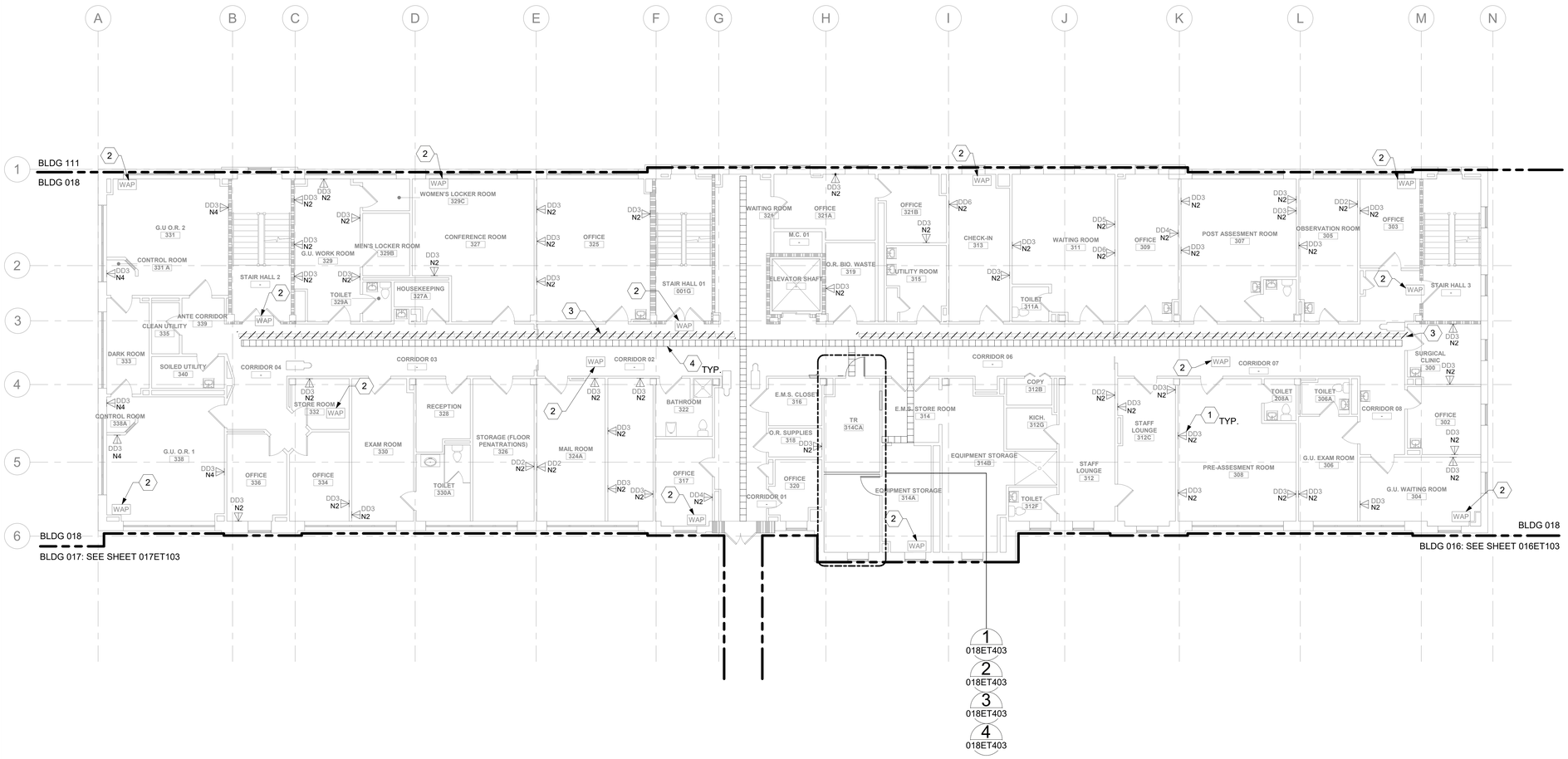
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 018 - LEVEL 02 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 018
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 018ET102
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM infrastructure upgrades - Castle Point/VACP_18_EL_SDB.rvt
07/11/2025 10:52:57 am

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 314CA.



1 BLDG 018 - LEVEL 03 - TELECOMMUNICATIONS PLAN

1/8" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
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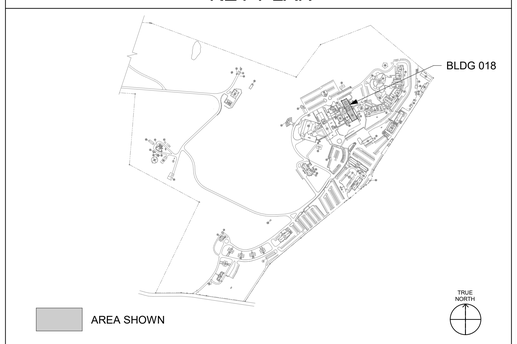
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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 BASED ON AS-BUILT DRAWINGS.
11. 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.
12. 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.
13. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.

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 DETAIL '1' ON SHEET ET501 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-FRED WITH (2) CAT6A CABLES.
3. 4" X 6" EXISTING CABLE TRAY. SEGREGATE EXISTING SYSTEMS AND DEMOLISH.
4. PROVIDE CABLE TRAY AS INDICATED. REFERENCE DETAIL "6" ON ET501 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



Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP: REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Kris K Good — BICSI ID # 112316 — EXPIRES 12-31-27 — RCDD

Office of Construction and Facilities Management

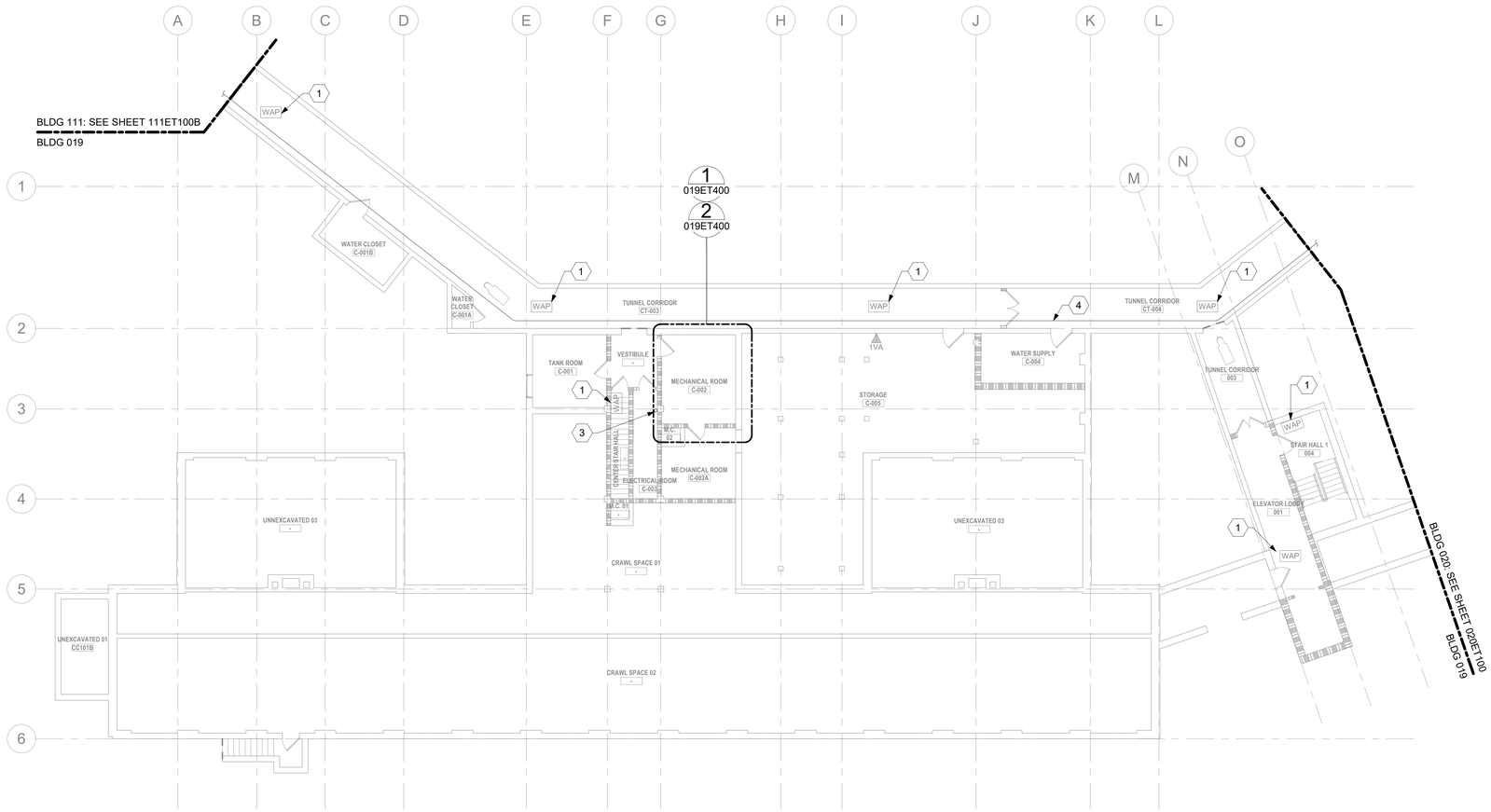
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 018 - LEVEL 03 - TELECOMMUNICATIONS PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 018
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: 018ET103

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_18_EL_SDB.rvt
07/11/2025 10:53:06 am

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM C-104 ON LEVEL 01.



1 - BLDG 019 - LEVEL 00 - TELECOMMUNICATIONS PLAN
1" = 10'-0"

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14. ALL COPPER AND FIBER OPTIC CABLES SHALL BE SUPPORTED BY J HOOKS SPACED 48" TO 60" APART. J HOOKS SHALL NOT EXCEED 40% FILL RATIO.

KEY NOTES

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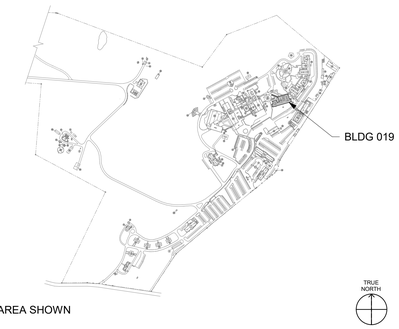
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.
3. CAT6A FEEDING LEVEL 00 TO BE ROUTED THROUGH VERTICAL FIRE STOP SLEEVE PENETRATION BACK TO TR INDICATED ON "TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE" ON SHEET ET701.
4. FIRE ALARM FIBER-OPTIC CABLING FROM NODE 14 TO BE ROUTED WITH PATH A FIBER BACKBONE TO DATA CENTER. REFERENCE SHEET 19-TN100 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

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Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
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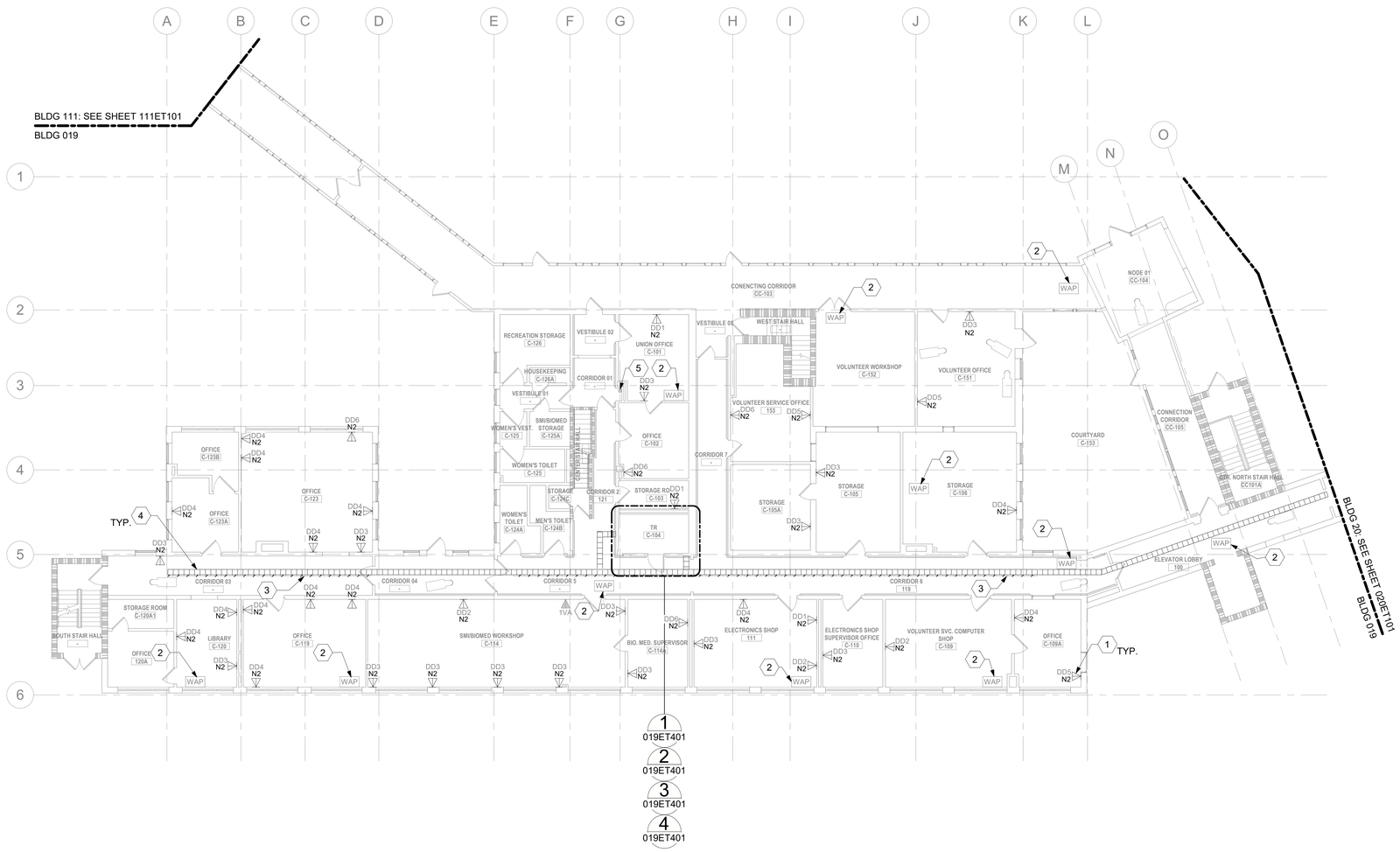
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 019 - LEVEL 00 - TELECOMMUNICATIONS PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: KG
Drawn: RTS/JNV
Project Number: 620A4-22-700
Building Number: 019
Drawing Number: 019ET100

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_19_EL_SDB.rvt
07/11/2025 5:17:05 am

VA FORM 08 - 6231

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



1 BLDG 019 - LEVEL 01 - TELECOMMUNICATIONS PLAN
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PROJECT NORTH

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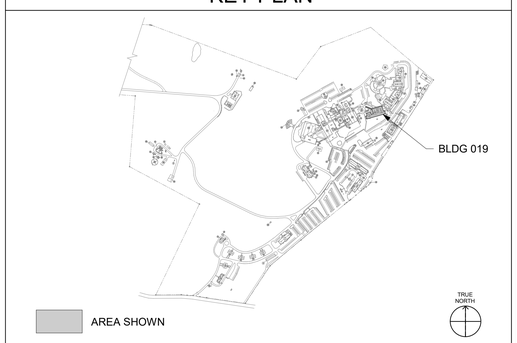
5. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING DOWN TO LEVEL 00.

KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

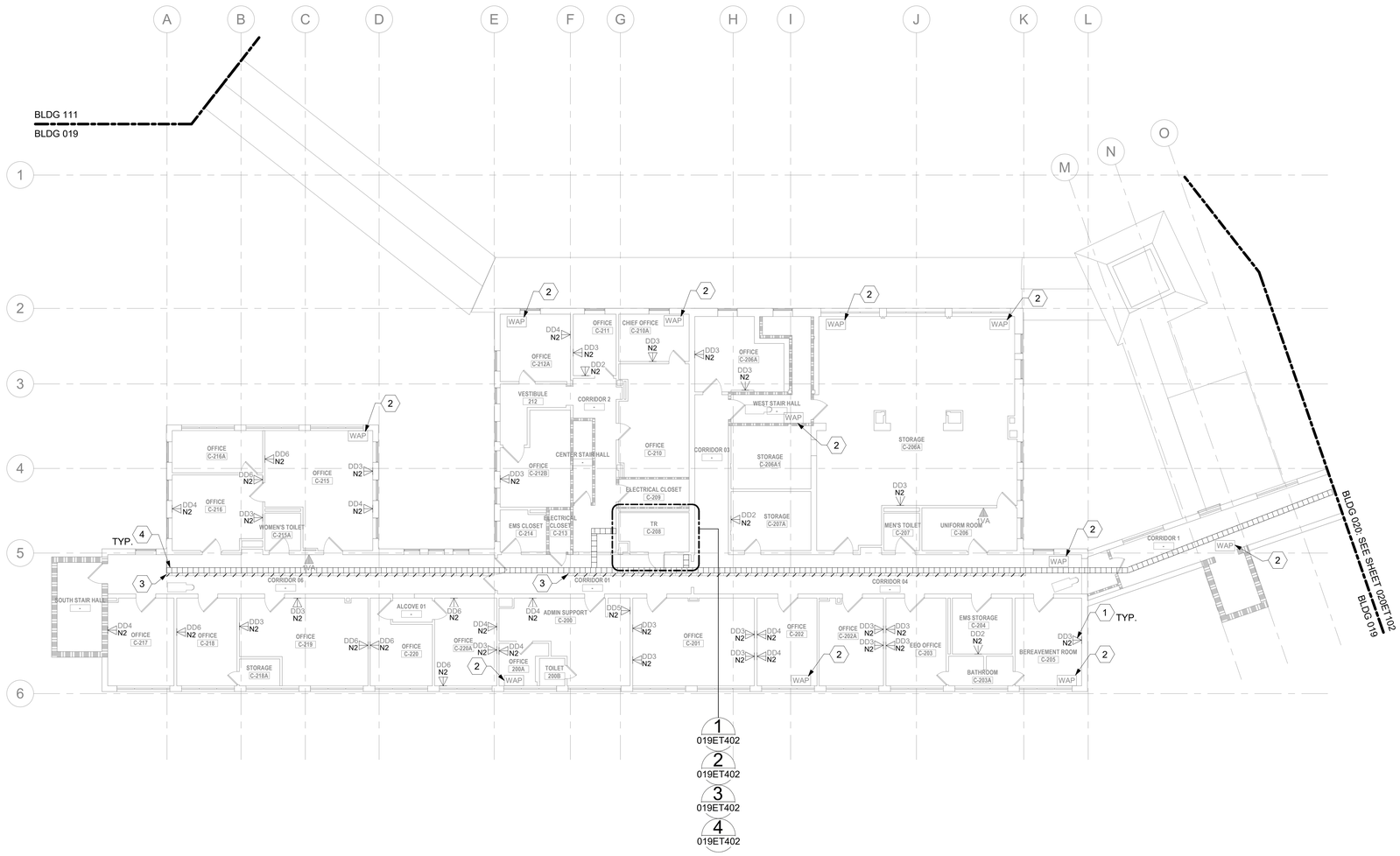
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 019 - LEVEL 01 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 019
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 019ET101
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM infrastructure upgrades - Castle Point/VACP_19_EL_SDB.rvt
07/11/2025 5:16:40 am

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM C-208.



1 - BLDG 019 - LEVEL 02 - TELECOMMUNICATIONS PLAN

1" = 10'-0"

0 10' 20'

PROJECT NORTH

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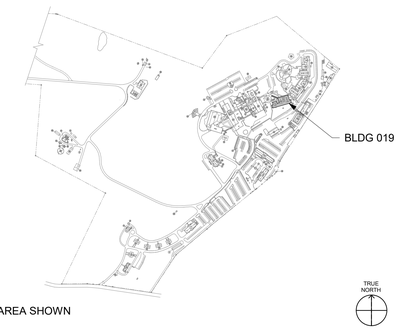
11. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
12. 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.
13. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.

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 ET501 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 (2) CAT6A CABLES.
3. 4" X 6" EXISTING CABLE TRAY. SEGREGATE EXISTING SYSTEMS AND DEMOLISH.
4. PROVIDE CABLE TRAY AS INDICATED. REFERENCE DETAIL "6" ON ET501 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



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

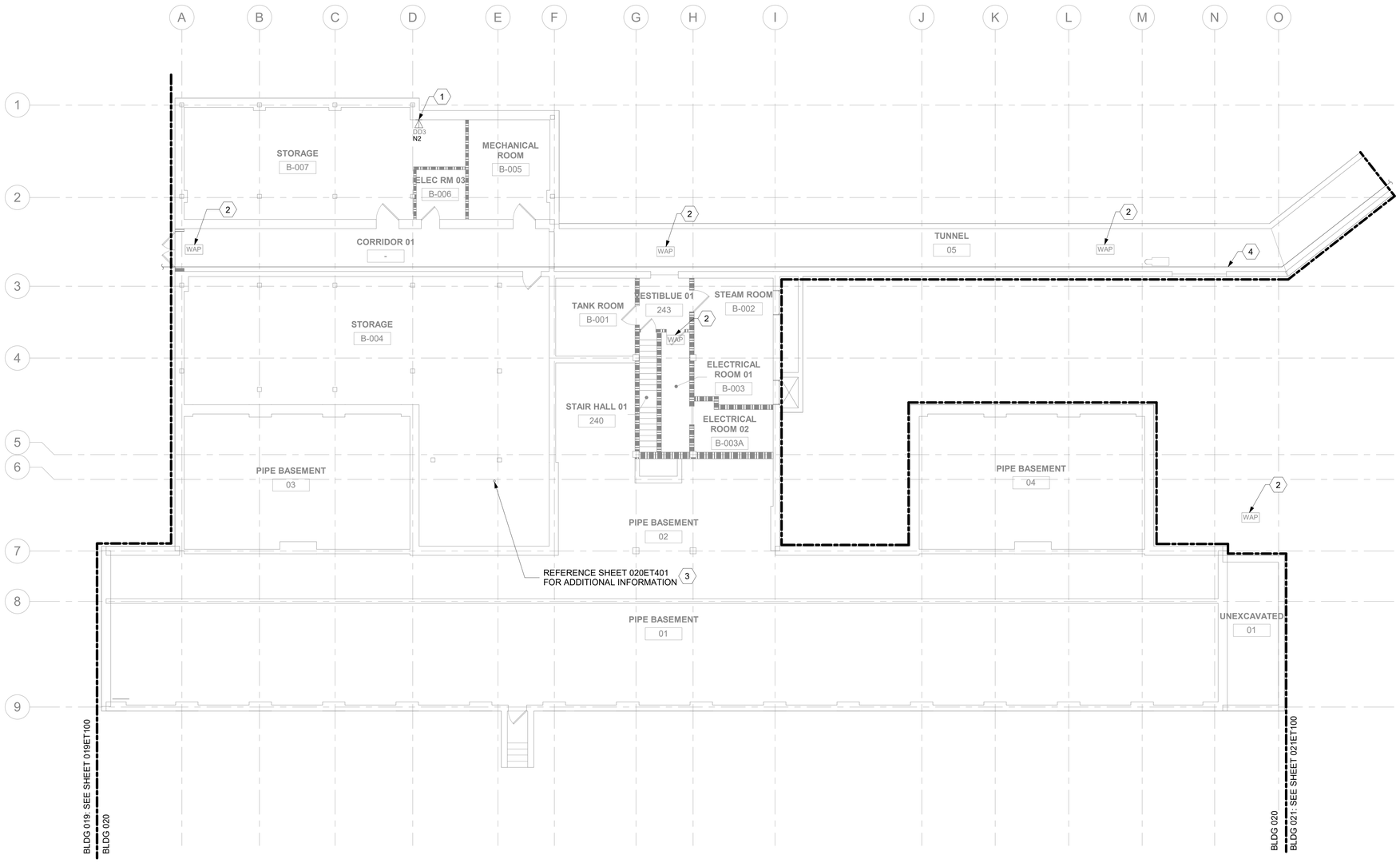
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 019 - LEVEL 02 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 019
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 019ET102
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM infrastructure upgrades - Castle Point/VACP_19_EL_SDB.rvt
07/11/2025 5:16:45 am

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM B-122 ON LEVEL 01.



1 BLDG 020 - LEVEL 00 - TELECOMMUNICATIONS PLAN
1/8" = 1'-0"

0 4' 8' 16'

PROJECT NORTH

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14. ALL COPPER AND FIBER OPTIC CABLES SHALL BE SUPPORTED BY J HOOKS SPACED 48" TO 60" APART. J HOOKS SHALL NOT EXCEED 40% FILL RATIO.

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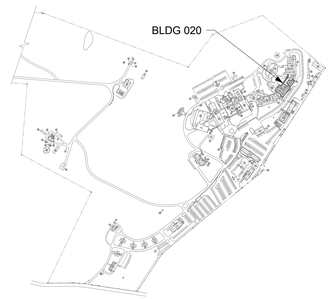
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.
3. CAT6A FEEDING LEVEL 00 TO BE ROUTED THROUGH VERTICAL FIRE STOP SLEEVE PENETRATION BACK TO TR INDICATED ON "TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE" ON SHEET ET701.
4. FIRE ALARM FIBER-OPTIC CABLING FROM NODE 14 TO BE ROUTED WITH PATH A FIBER BACKBONE TO DATA CENTER. REFERENCE SHEET 20-TN100 FOR ADDITIONAL INFORMATION.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

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A/E:
SPEES DESIGN BUILD
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 020 - LEVEL 00 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 020
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: 020ET100

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_20_EL_SDB.rvt
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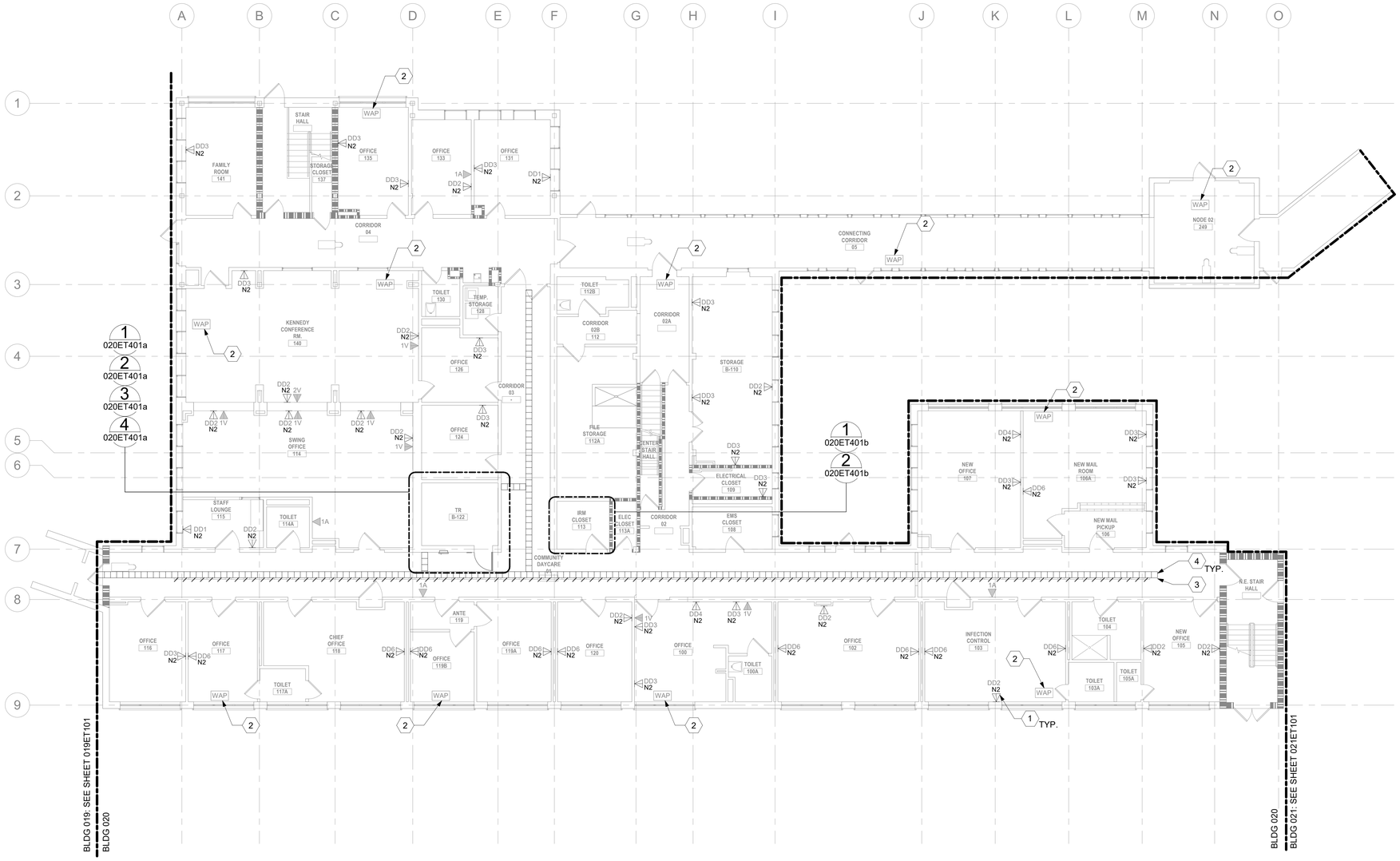
DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM B-122.



1 - BLDG 020 - LEVEL 01 - TELECOMMUNICATIONS PLAN

1/8" = 1'-0"

PROJECT NORTH

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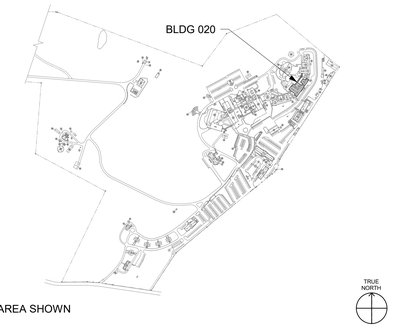

AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 020 - LEVEL 01 - TELECOMMUNICATIONS PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 020
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: 020ET101

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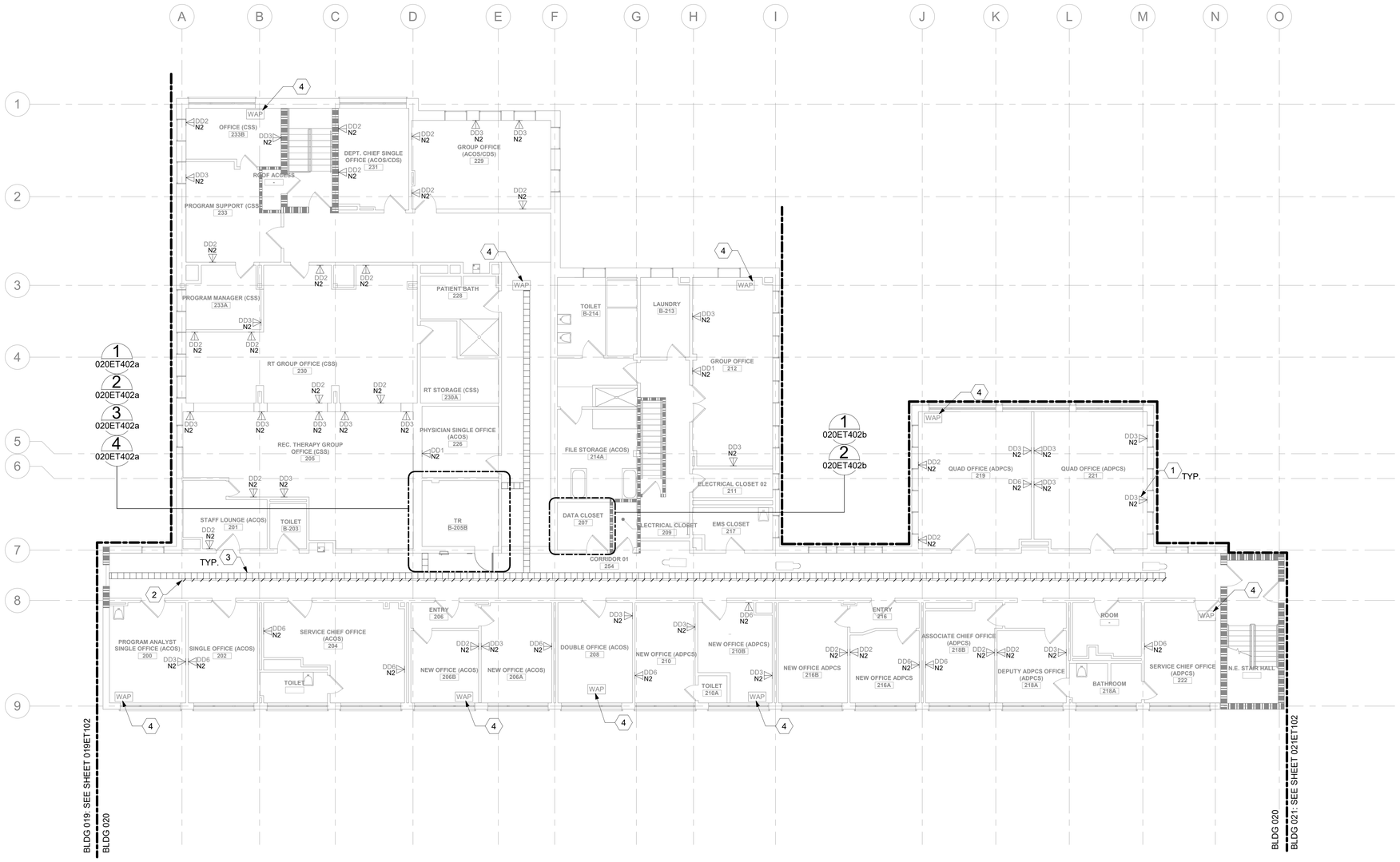
DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM B-205B.



2 BLDG 020 - LEVEL 02 - TELECOMMUNICATIONS PLAN

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PROJECT NORTH

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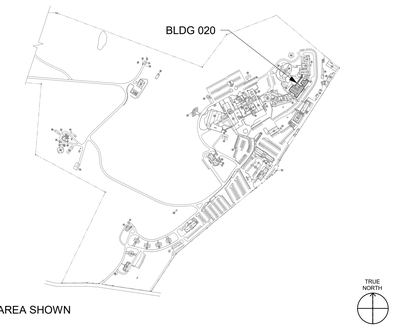

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Drawing Title: BLDG 020 - LEVEL 02 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 020
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 020ET102
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BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_20_EL_SDB.rvt
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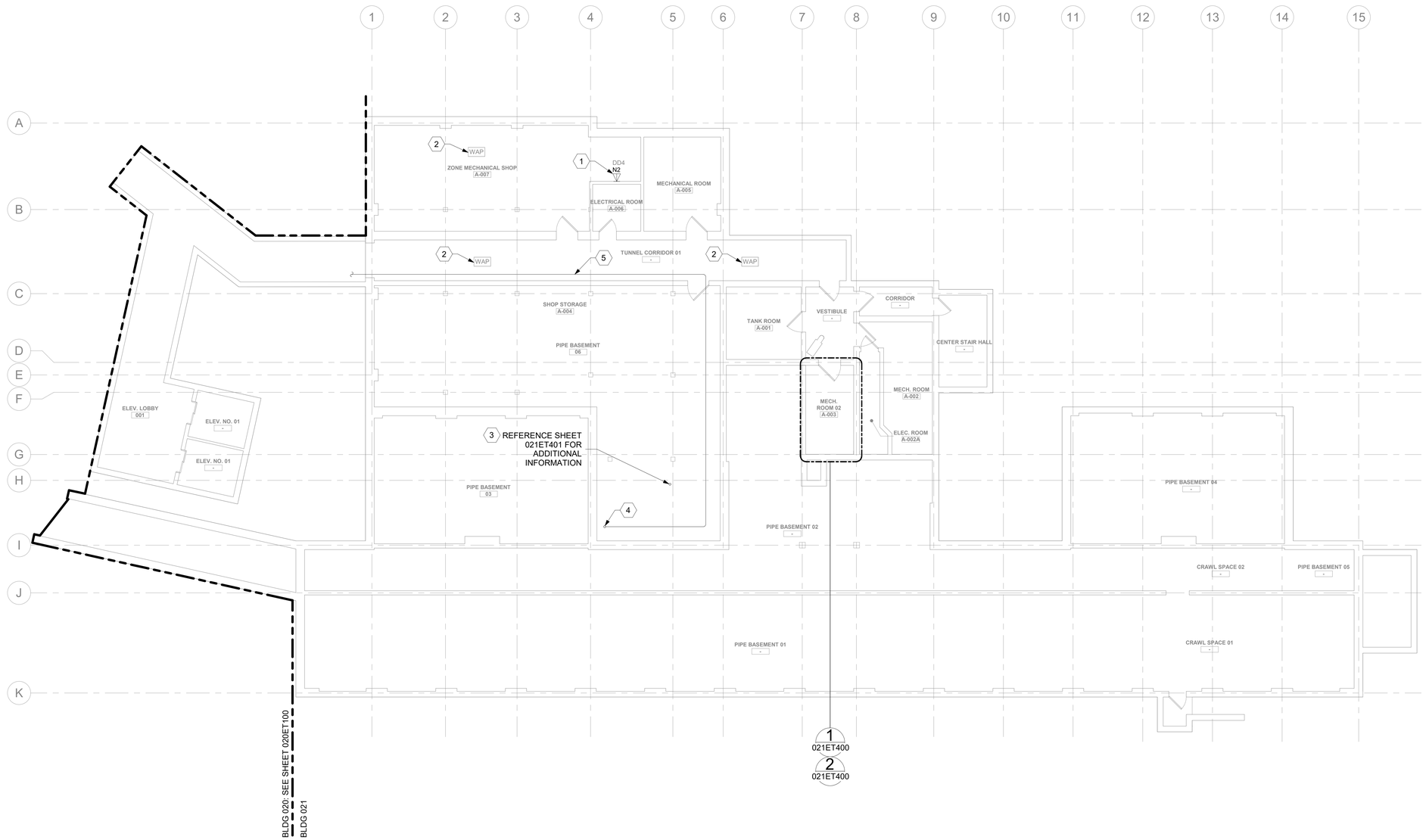
VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 142 ON LEVEL 01.



1 BLDG 021 - LEVEL 00 - TELECOMMUNICATIONS PLAN

1/8" = 1'-0"

0 4' 8' 16'

PROJECT NORTH

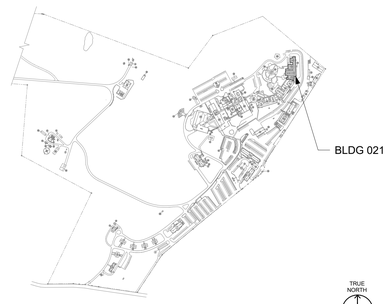
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, AND FINISHES 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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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 BASED ON AS-BUILT DRAWINGS.
11. 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.
12. 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.
13. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.
14. ALL COPPER AND FIBER OPTIC CABLES SHALL BE SUPPORTED BY J HOOKS SPACED 48" TO 60" APART. J HOOKS SHALL NOT EXCEED 40% FILL RATIO.

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 ET501 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 (2) CAT6A CABLES.
3. CAT6A FEEDING LEVEL 00 TO BE ROUTED THROUGH VERTICAL FIRE STOP SLEEVE PENETRATION BACK TO TR INDICATED ON "TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE" ON SHEET ET701.
4. FIRE ALARM FIBER-OPTIC CABLING FROM NODE 14 TO DATA CENTER TO BE ROUTED THROUGH VERTICAL FIRE STOP SLEEVE PENETRATION.
5. FIRE ALARM FIBER-OPTIC CABLING FROM NODE 14 TO BE ROUTED WITH PATH A FIBER BACKBONE TO DATA CENTER. REFERENCE SHEET 21-TN100 FOR ADDITIONAL INFORMATION.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

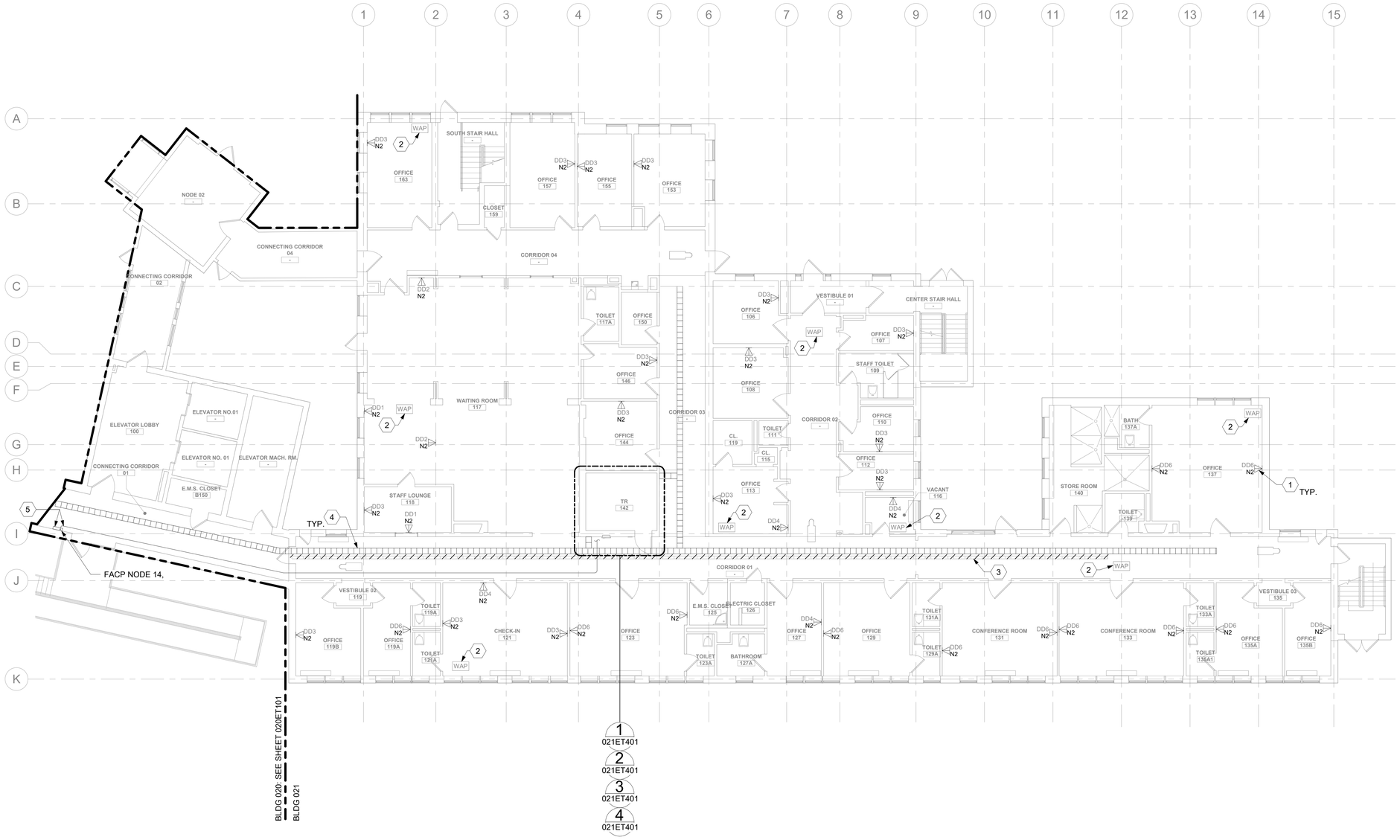
Drawing Title	Phase	Project Title	Project Number
BLDG 021 - LEVEL 00 - TELECOMMUNICATIONS PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 021
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 021ET100
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_21_EL_SDB.rvt

11/7/2025 12:09:24 PM

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 142.



1 BLDG 021 - LEVEL 01 - TELECOMMUNICATIONS PLAN

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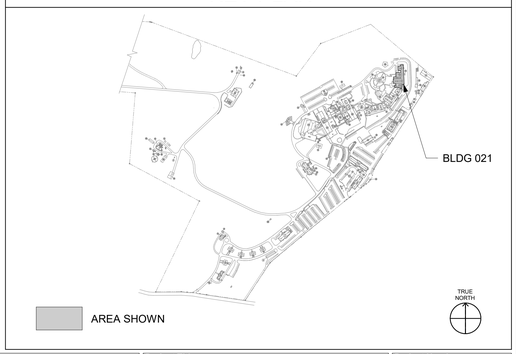
4. PROVIDE CABLE TRAY AS INDICATED. REFERENCE DETAIL "6" ON ET501 AND TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE ON SHEET ET701, WHERE WALL EXTENDS TO CEILING, CABLE TRAY SHALL STOP AND TRANSITION TO CONDUIT SLEEVES [(2)4", MINIMUM] WITH APPROPRIATE FIRE-PROOFING AND CAULKING TO PASS THROUGH WALL. 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.
5. PROVIDE FIBER-OPTIC CABLING EXTENDING TO FIRE ALARM PANEL IN DATA CENTER. CONTRACTOR TO TEST FIRE ALARM SYSTEM AFTER INSTALLATION TO ENSURE A FULLY FUNCTIONING FIRE ALARM SYSTEM. REFERENCE SHEET ET506 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 021 - LEVEL 01 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 021
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 021ET101
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_21_EL_SDB.rvt

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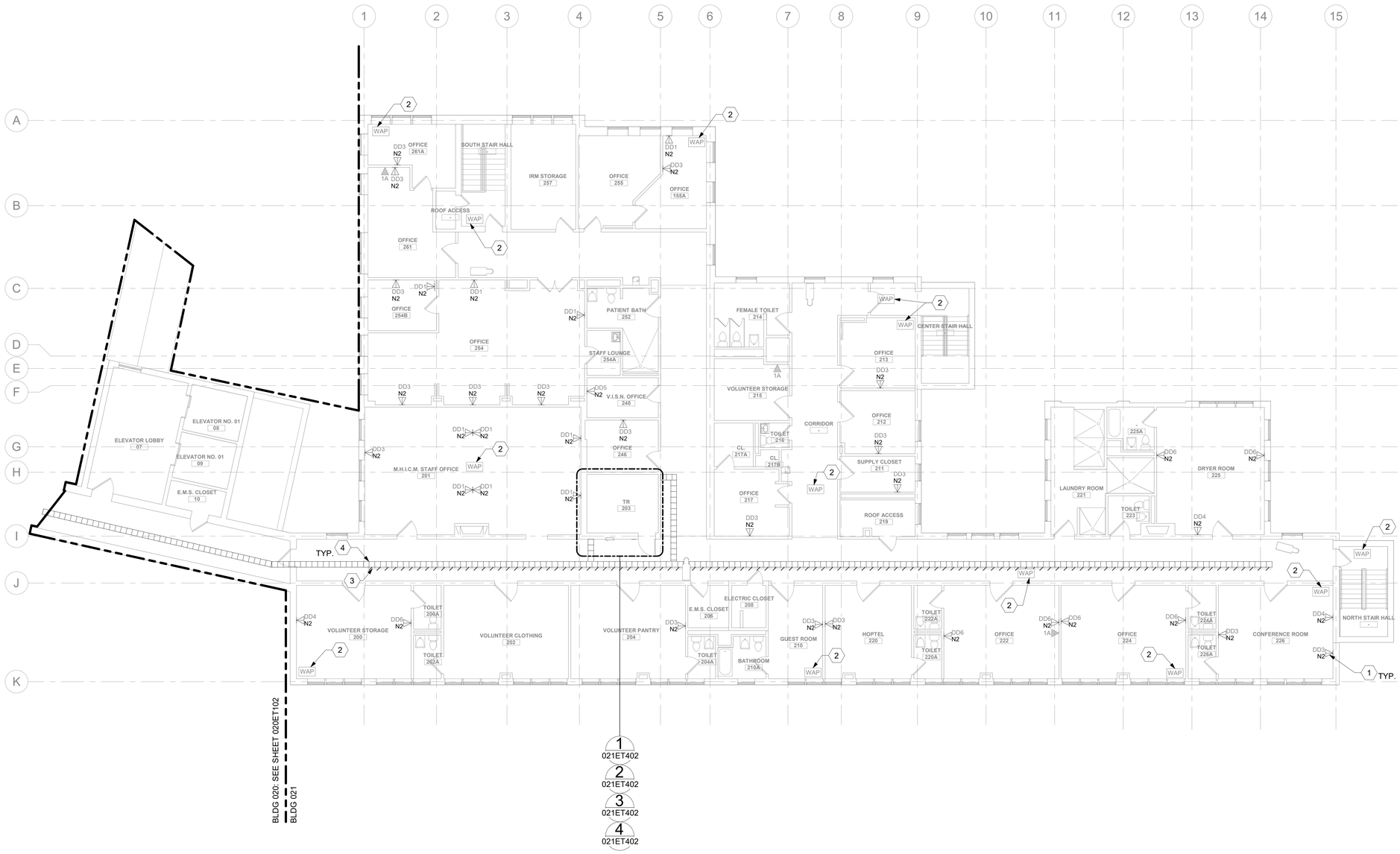
VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 203.



1 BLDG 021 - LEVEL 02 - TELECOMMUNICATIONS PLAN
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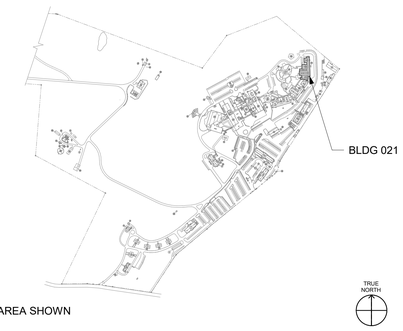
KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
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BICSI
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EXPIRES 12-31-27
RCDD

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

Drawing Title: BLDG 021 - LEVEL 02 - TELECOMMUNICATIONS PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: KG
Drawn: RTS/JNV
Project Number: 620A4-22-700
Building Number: 021
Drawing Number: 021ET102

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/ Point/VACP_21_EI_SDB.rvt
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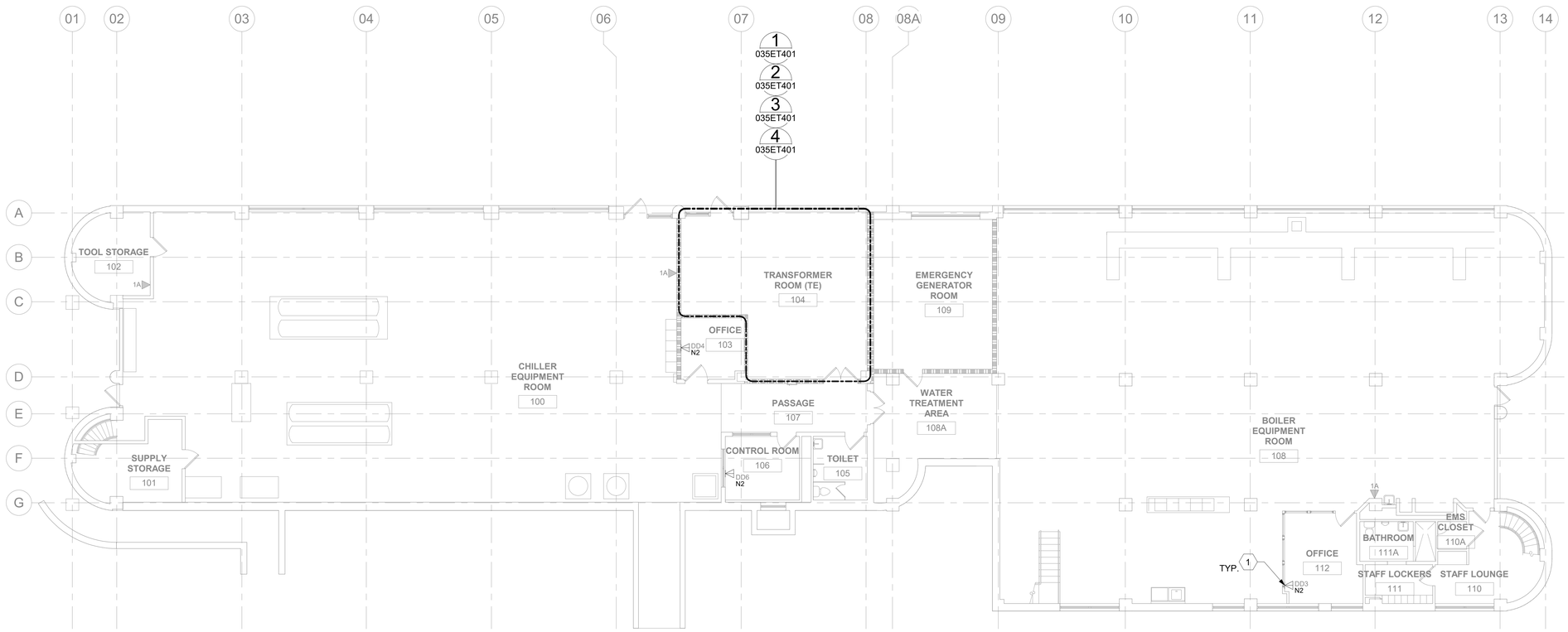
VA FORM 08 - 6231

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



1 - BLDG 035 - LEVEL 01 - TELECOMMUNICATIONS PLAN

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0 4' 8' 16'

PROJECT NORTH

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12. 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.
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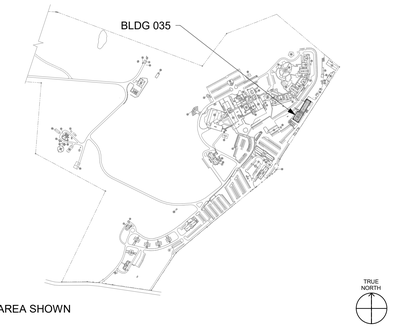
14. ALL COPPER AND FIBER OPTIC CABLES SHALL BE SUPPORTED BY J HOOKS SPACED 48" TO 60" APART. J HOOKS SHALL NOT EXCEED 40% FILL RATIO.

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 ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA FOR EXACT OUTLET PLACEMENT.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

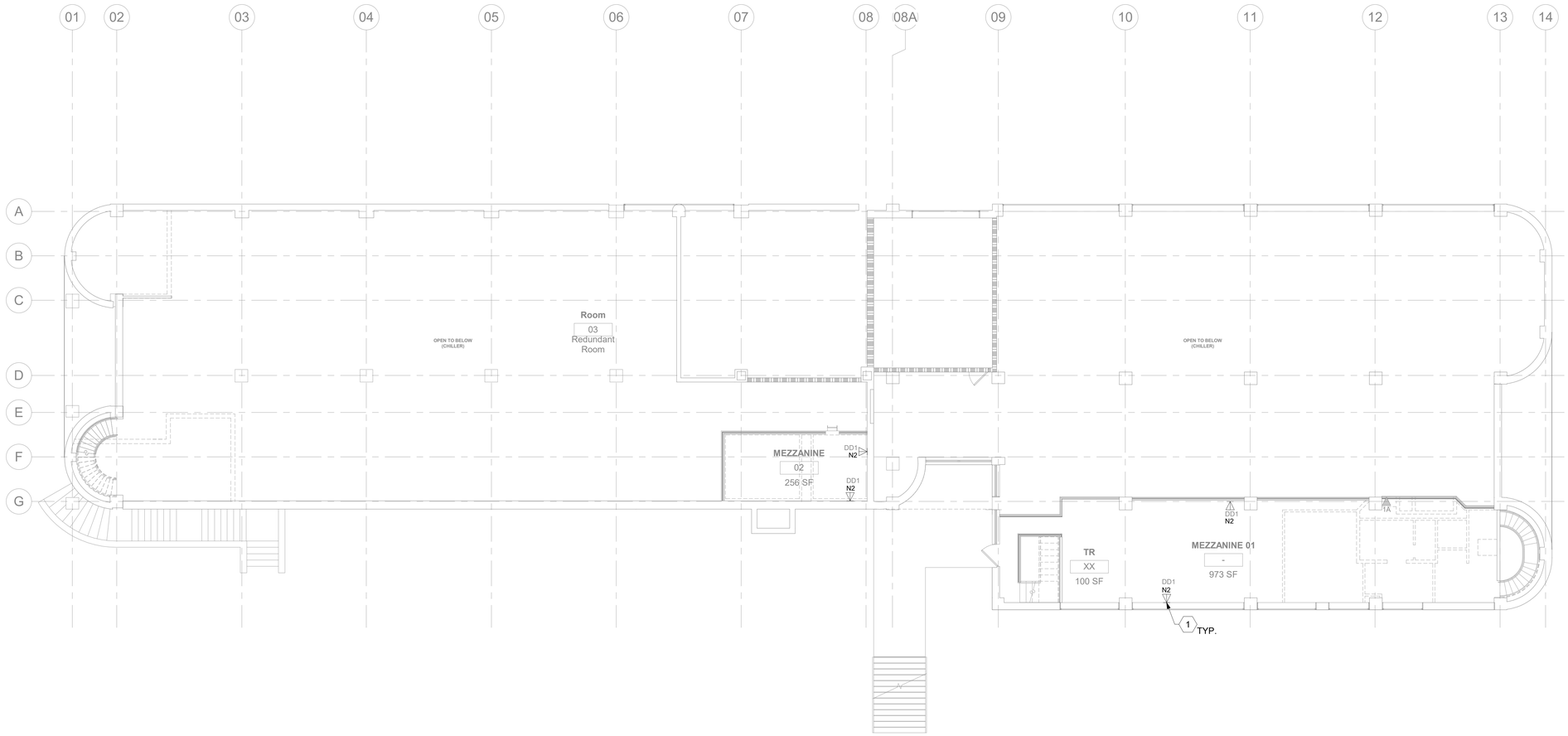
Drawing Title	BLDG 035 - LEVEL 01 - TELECOMMUNICATIONS PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	NON SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location	VA HUDSON VALLEY MEDICAL CENTER 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date	11/07/2025
Checked	KG
Drawn	RTS/JNV
Project Number	620A4-22-700
Building Number	035
Drawing Number	035ET101

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_35_EL_SDB.rvt

07/11/2025 11:04:25 am

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ENCLOSURE 104 ON LEVEL 01.



1 BLDG 035 - LEVEL 02/01 - TELECOMMUNICATIONS PLAN

1/8" = 1'-0"

0 4' 8' 16'

PROJECT NORTH

GENERAL NOTES

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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.
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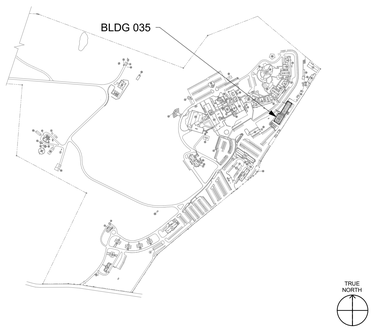
KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

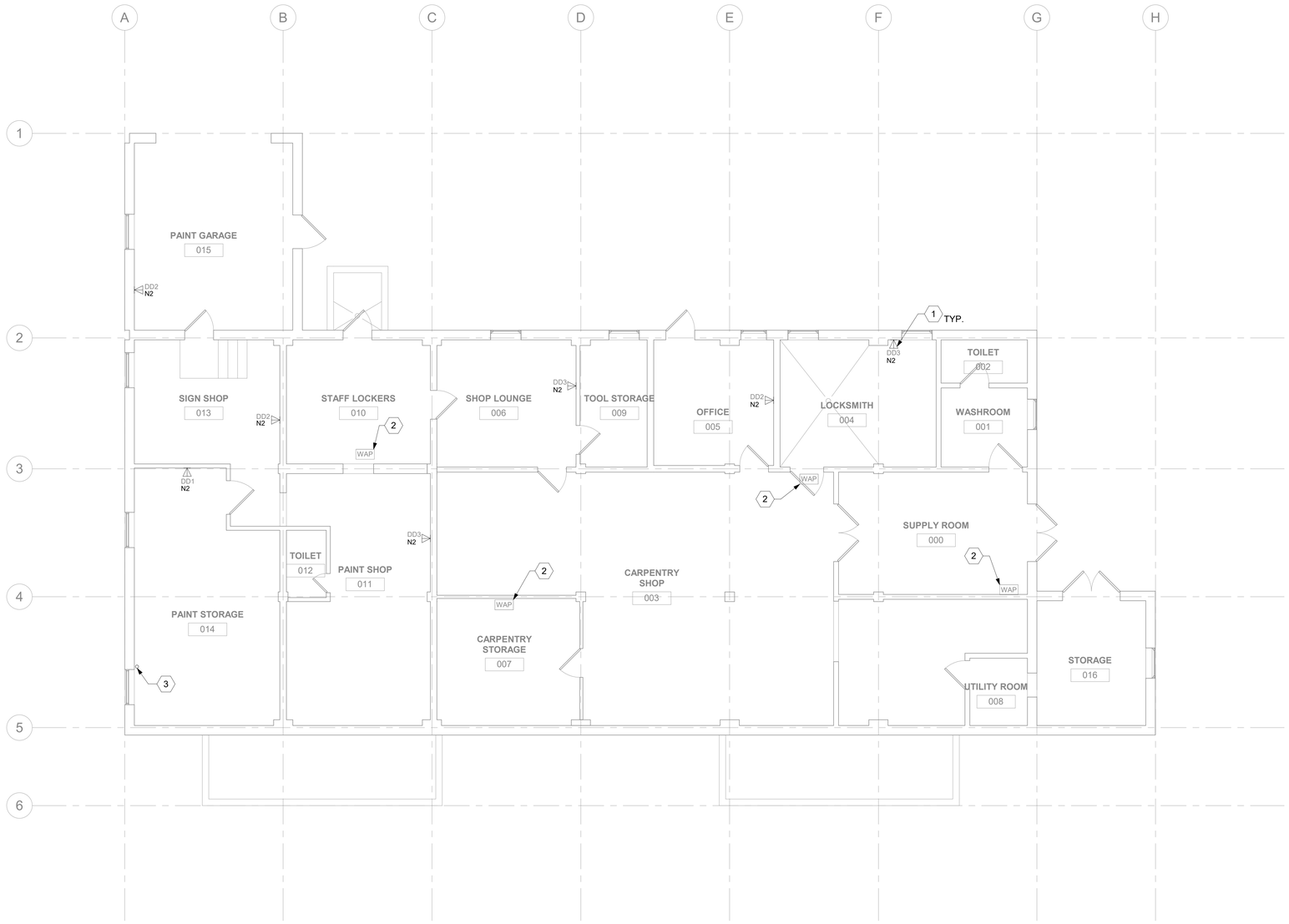
Drawing Title: BLDG 035 - LEVEL 02/01 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 035
Approved:	NON SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 035ET102
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_35_EL_SDB.rvt

07/11/2025 11:04:21 am

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ENCLOSURE 101 ON LEVEL 01.



1 - BLDG 044 - LEVEL 00 - TELECOMMUNICATIONS PLAN

3/16" = 1'-0"

0 4' 8' 12'

PROJECT NORTH

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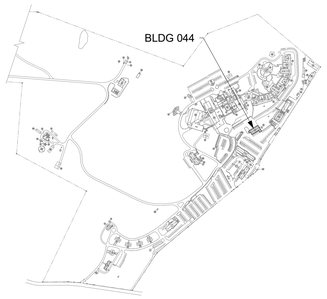
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.
3. CAT6A FEEDING LEVEL 00 TO BE ROUTED THROUGH VERTICAL FIRE STOP SLEEVE PENETRATION BACK TO TR INDICATED ON "TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE" ON SHEET ET701.

KEY PLAN



AREA SHOWN

TRUE NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

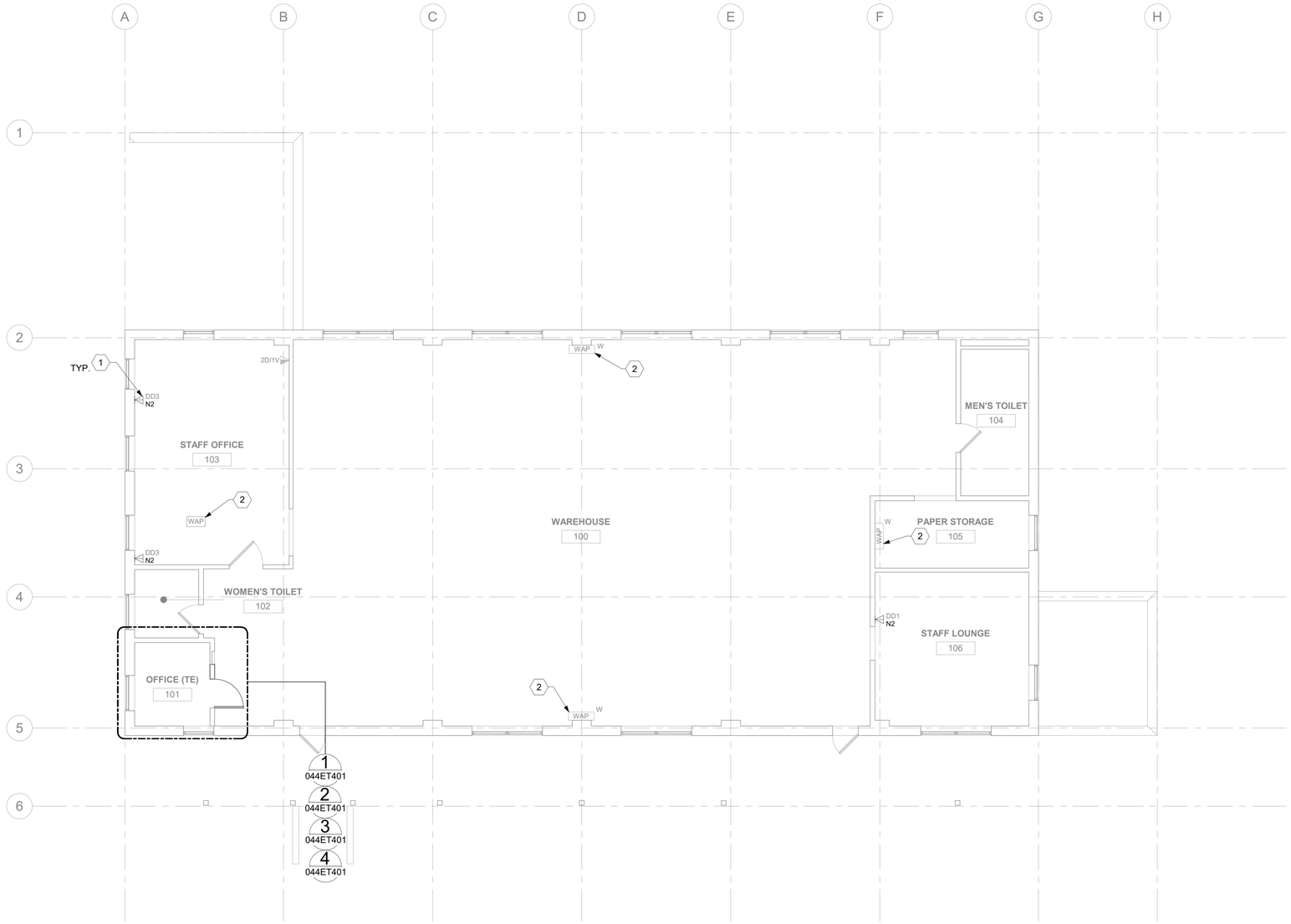
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 044 - LEVEL 00 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 044
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 044ET100
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_44_EL_SDB.rvt
11/7/2025 12:11:48 PM

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ENCLOSURE 101.



1 - BLDG 044 - LEVEL 01 - TELECOMMUNICATIONS PLAN

3/16" = 1'-0"

0 4' 8' 12'

PROJECT NORTH

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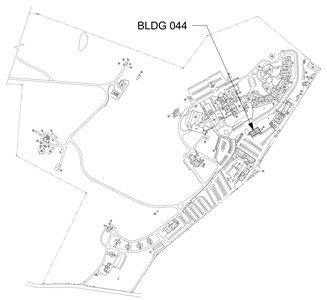
KEY PLAN



AREA SHOWN

TRUE NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

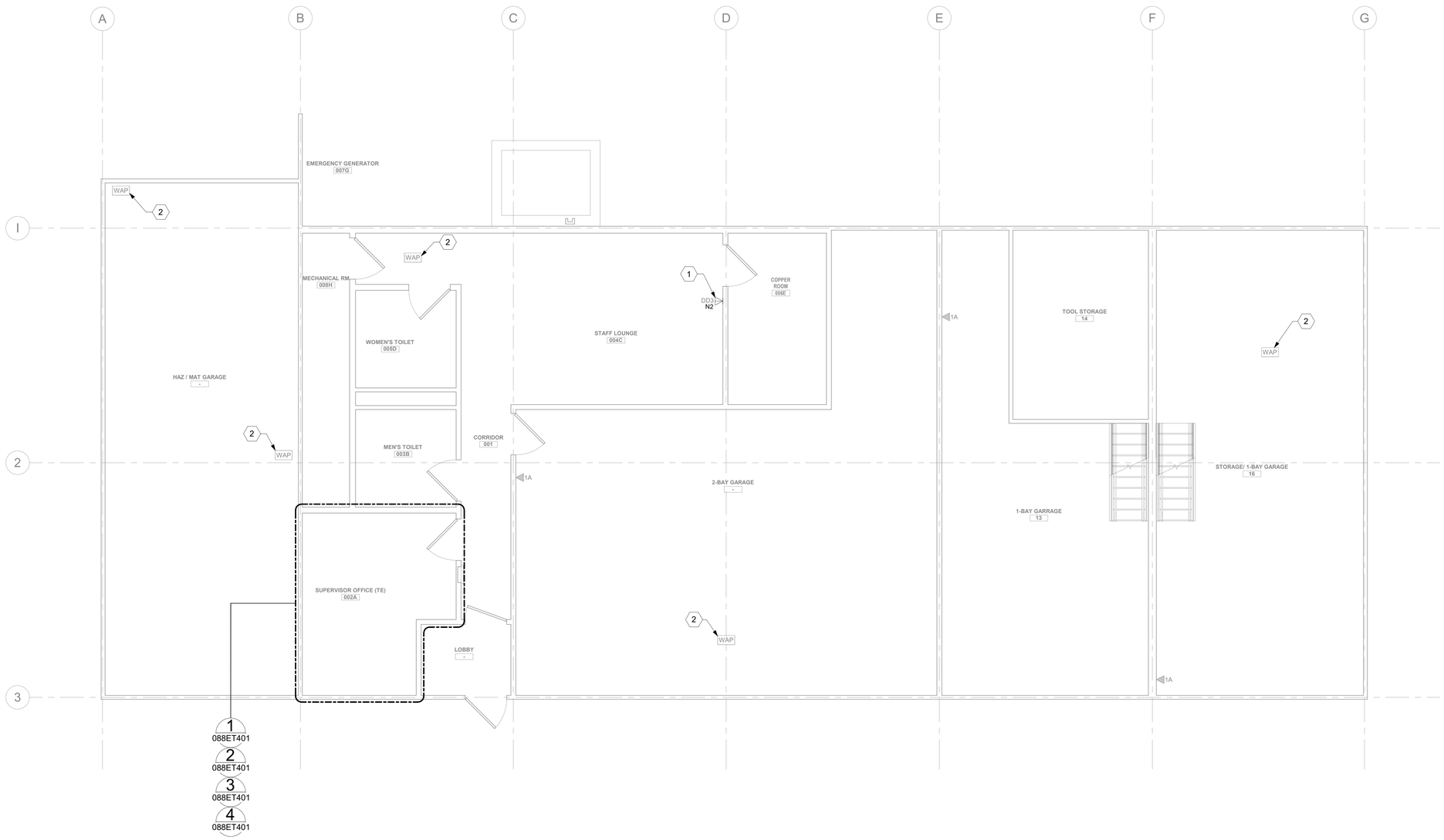
Drawing Title	BLDG 044 - LEVEL 01 - TELECOMMUNICATIONS PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location	VA HUDSON VALLEY MEDICAL CENTER 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date	11/07/2025
Checked	KG
Drawn	RTS/JNV
Project Number	620A4-22-700
Building Number	044
Drawing Number	044ET101

BIM 360://620A4-22-700 VAHV EHRM infrastructure upgrades - Castle Point/VACP_44_EL_SDB.rvt

11/7/2025 12:11:52 PM

VA FORM 08 - 6231

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ENCLOSURE 002A.



1 - BLDG 088 - LEVEL 01 - TELECOMMUNICATIONS PLAN

1/4" = 1'-0"

0 2' 4' 8'

PROJECT NORTH

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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 BASED ON AS-BUILT DRAWINGS.
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14. ALL COPPER AND FIBER OPTIC CABLES SHALL BE SUPPORTED BY J HOOKS SPACED 48" TO 60" APART. J HOOKS SHALL NOT EXCEED 40% FILL RATIO.

KEY NOTES

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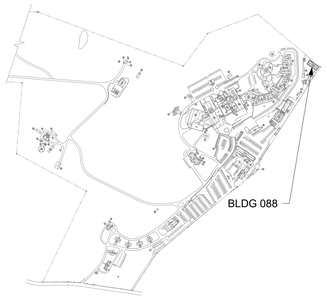
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



AREA SHOWN

TRUE NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 088 - LEVEL 01 - TELECOMMUNICATIONS PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 088
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: 088ET101

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_88_EL_SDB.rvt

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VA FORM 08 - 6231

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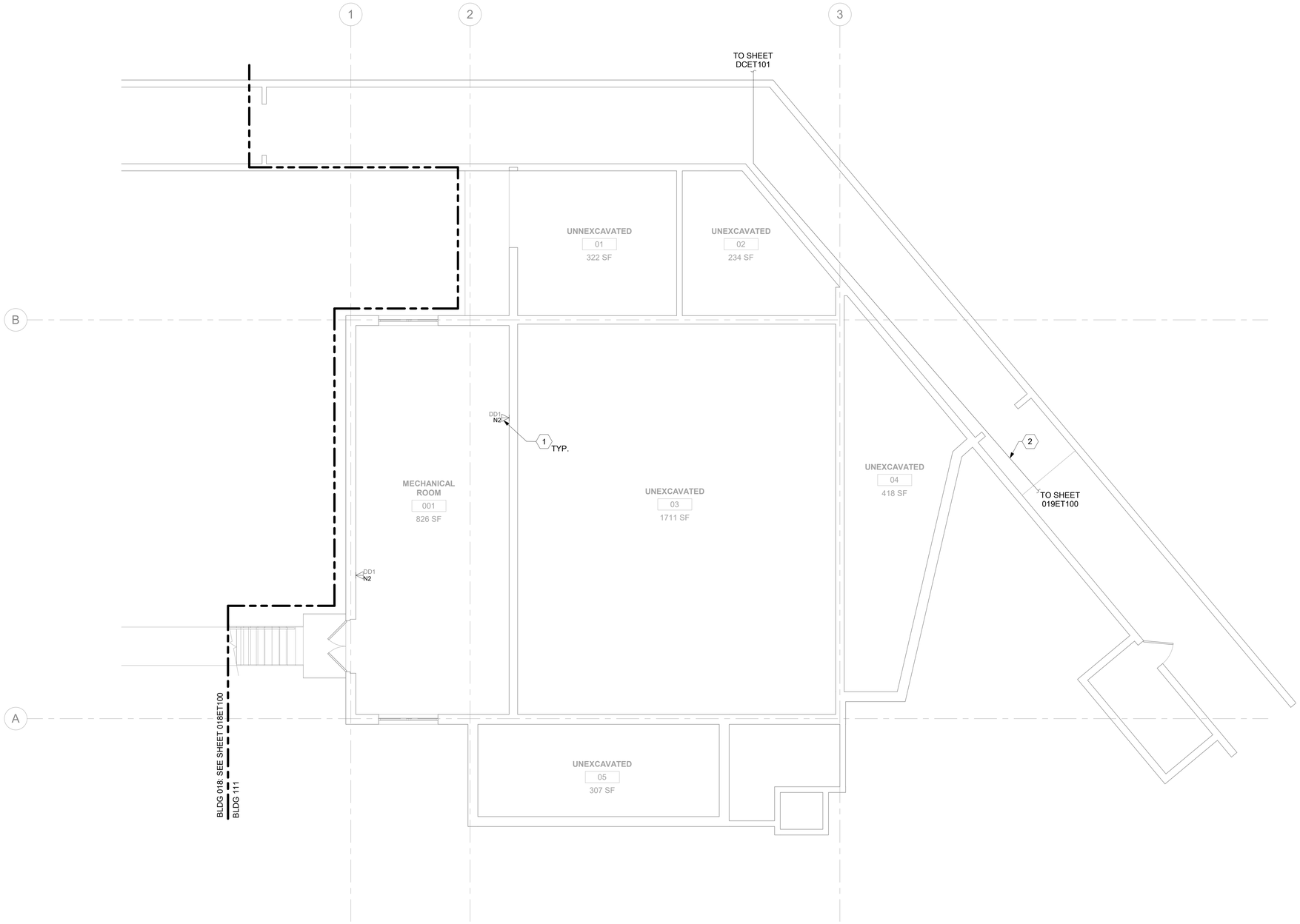

1 BLDG 111 - LEVEL 00B - TELECOMMUNICATIONS PLAN
3/16" = 1'-0"

0 4' 8' 12'

PROJECT NORTH

GENERAL NOTES

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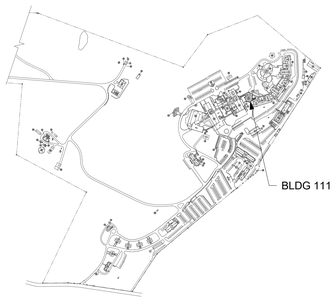
2. FIRE ALARM FIBER-OPTIC CABLING FROM NODE 14 TO BE ROUTED WITH PATH A FIBER BACKBONE TO DATA CENTER.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SDB SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 111 - LEVEL 00B - TELECOMMUNICATIONS PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 111
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 111ET100B
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM infrastructure upgrades - Castle Point/VACP_111_EL_SDB.rvt
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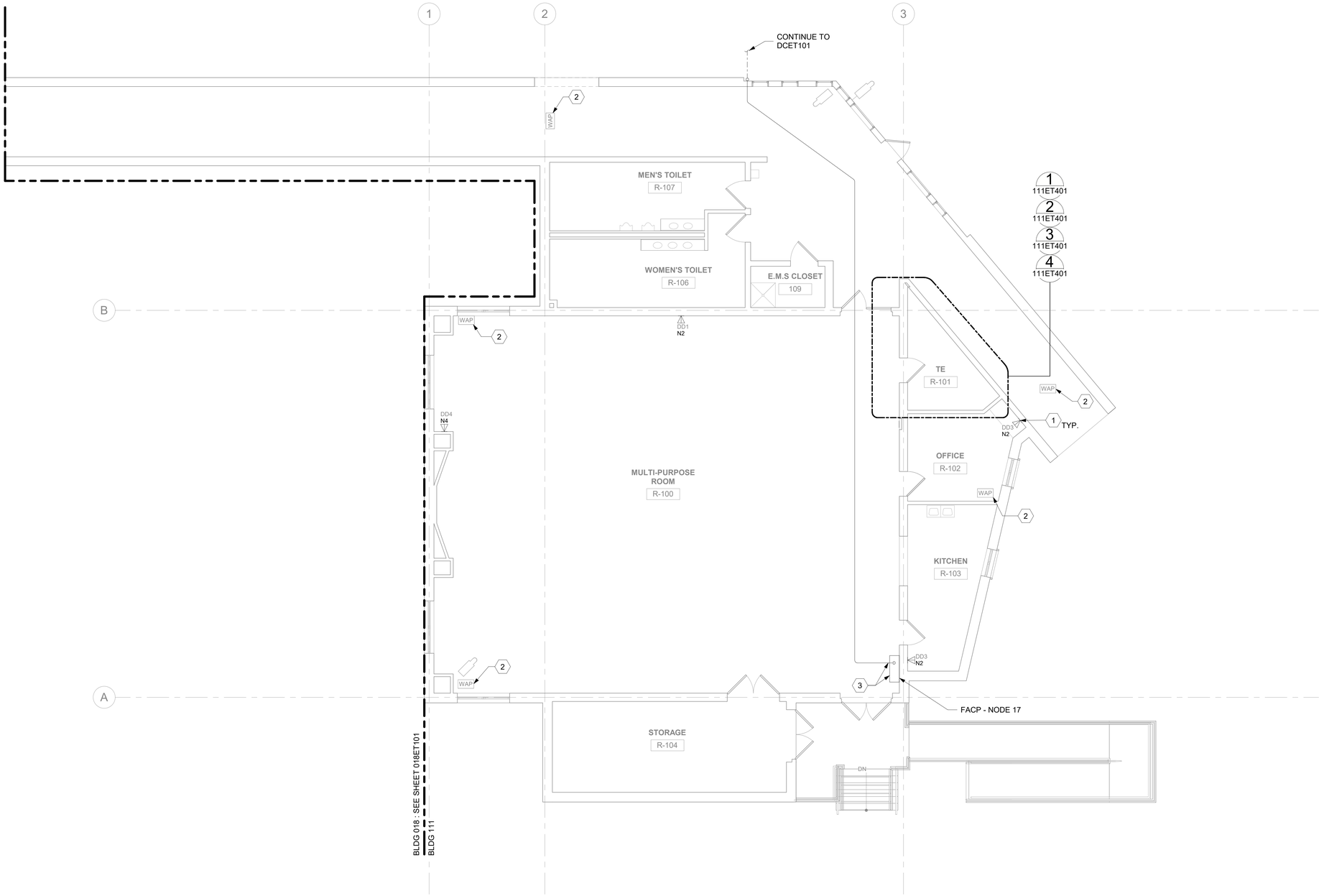
DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ENCLOSURE R-101.



1 BLDG 111 - LEVEL 01 - TELECOMMUNICATIONS PLAN
3/16" = 1'-0"

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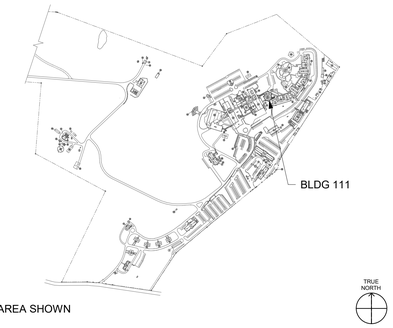
2. EXISTING WIRELESS ACCESS POINT TO RE-FED WITH (2) CAT6A CABLES.
3. PROVIDE FIBER-OPTIC CABLING EXTENDING TO FIRE ALARM PANEL IN DATA CENTER. CONTRACTOR TO TEST FIRE ALARM SYSTEM AFTER INSTALLATION TO ENSURE A FULLY FUNCTIONING FIRE ALARM SYSTEM. REFERENCE SHEET ET506 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
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STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title: BLDG 111 - LEVEL 01 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 111
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 111ET101
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_111_EL_SDB.rvt
11/7/2025 12:13:22 PM

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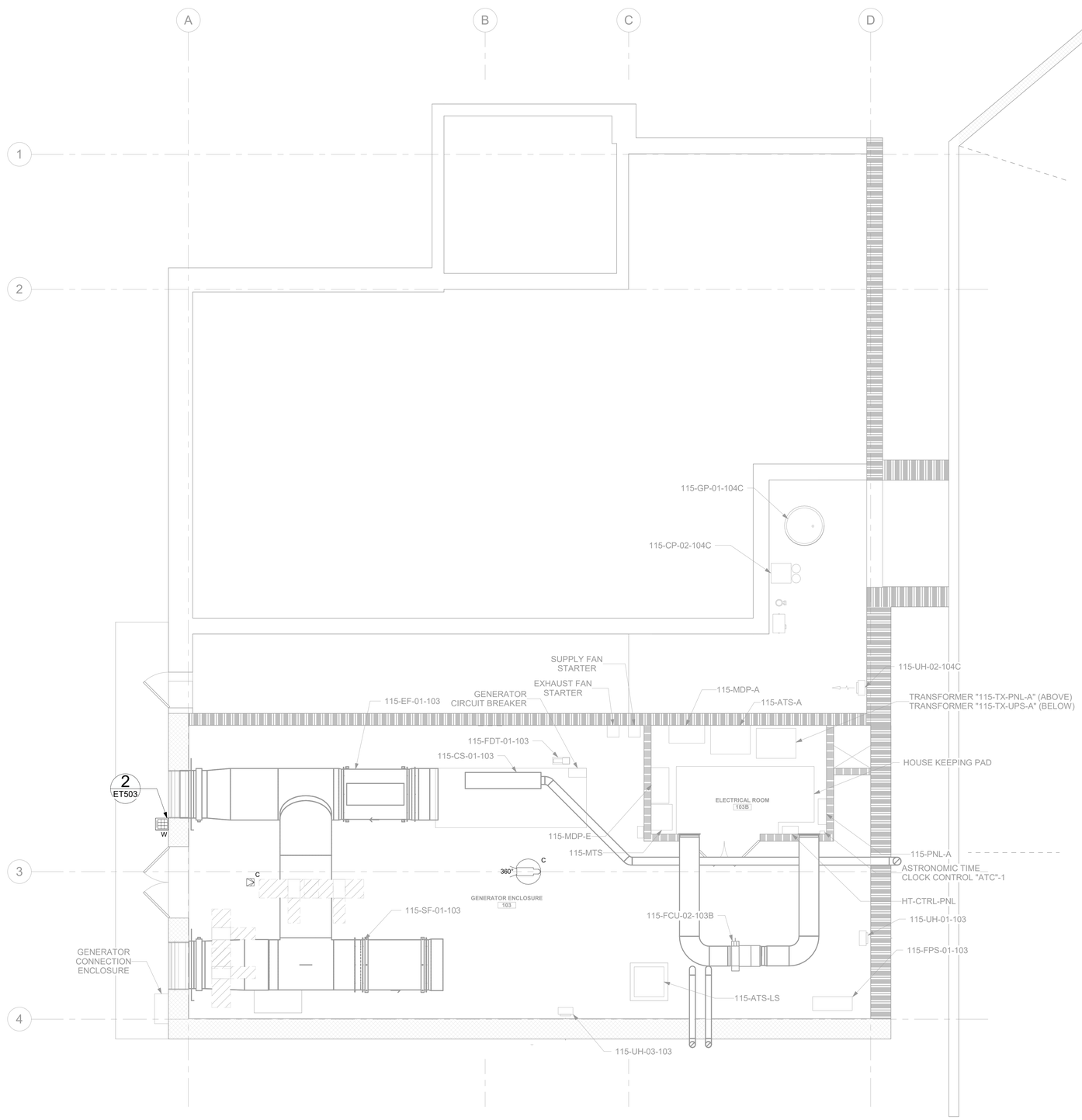

1 BLDG 115 - LEVEL 00 - TELECOMMUNICATIONS PLAN
1/4" = 1'-0"

0 2' 4' 8'

PROJECT NORTH

GENERAL NOTES

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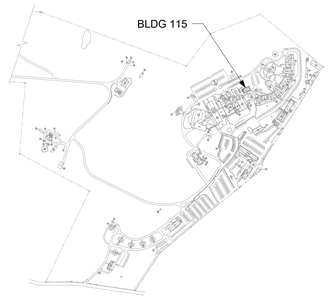
KEY NOTES

1 EXISTING CALL BOXES TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



AREA SHOWN

TRUE NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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Office of Construction and Facilities Management

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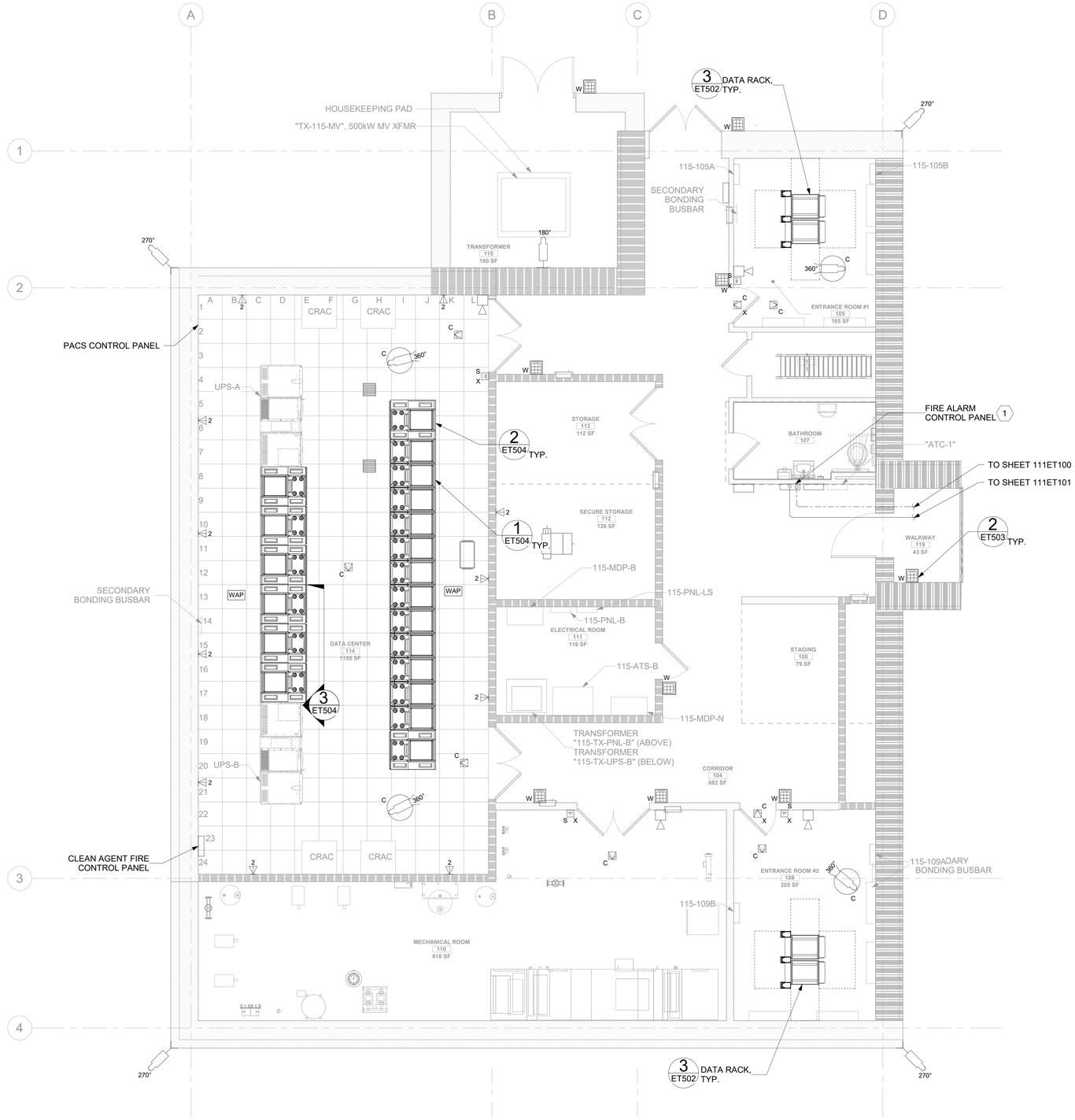
Drawing Title: BLDG 115 - LEVEL 00 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 115
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 115ET100
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV
EHRM infrastructure upgrades - Castle Point/620A4-DATA CENTER_EL_SD6.rvt
07/11/2025 1:39:58 pm

VA FORM 08 - 6231



1 - BLDG 115 - LEVEL 01 - TELECOMMUNICATIONS PLAN

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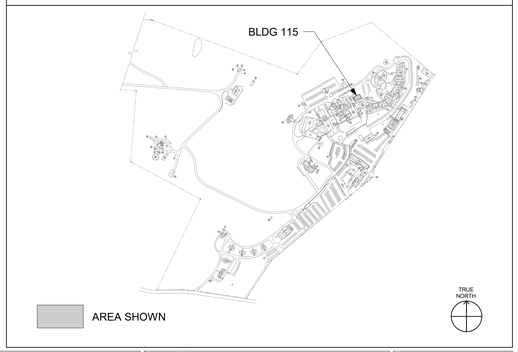
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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 BASED ON AS-BUILT DRAWINGS.
11. 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.
12. 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. TERMINATE FIBER FIBER OPTIC CABING ORIGINATING FROM NODE 14 AND NODE 17 IN FIRE ALARM PANEL. CONTRACTOR TO TEST FIRE ALARM SYSTEM AFTER INSTALLATION TO ENSURE A FULLY FUNCTIONING FIRE ALARM SYSTEM. REFERENCE SHEET ET506 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP: REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Kris K Good, BICSI ID # 112316, EXPIRES 12-31-27 — RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 115 - LEVEL 01 - TELECOMMUNICATIONS PLAN
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Project Number	620A4-22-700
Building Number	115
Approved:	
	FULLY SPRINKLERED
Location	VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Drawing Number	115ET101
Issue Date	11/07/2025
Checked	KG
Drawn	RTS/JNV

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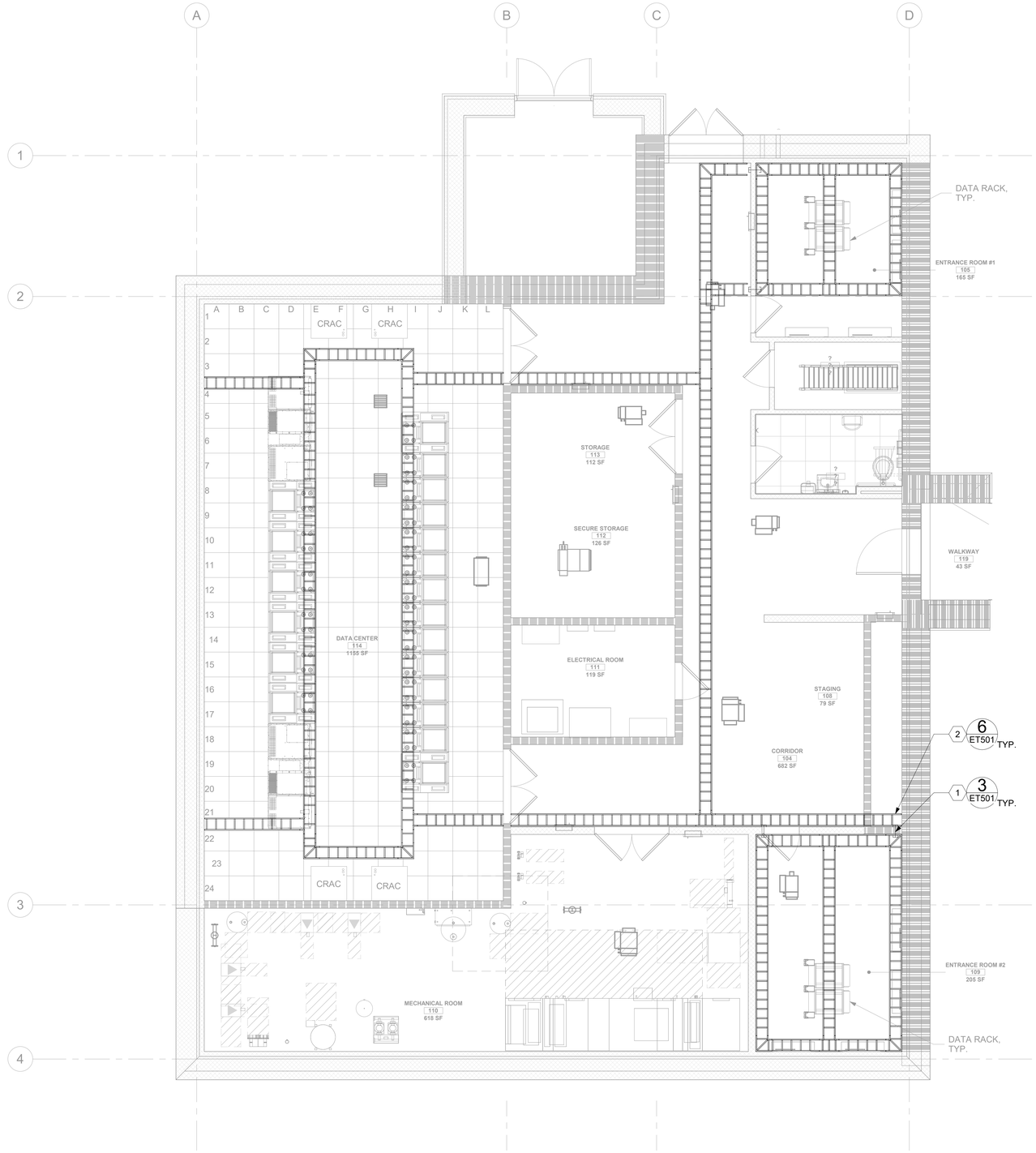

1 BLDG 115 - HORIZONTAL DISTRIBUTION OVERHEAD PLAN
1/4" = 1'-0"

0 2' 4' 8'

PROJECT NORTH

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
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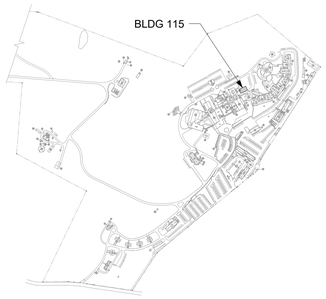
KEY NOTES

1. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
2. WIRE BASKET CABLE TRAY.

KEY PLAN



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TRUE NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 115 - HORIZONTAL DISTRIBUTION OVERHEAD PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location	VA HUDSON VALLEY MEDICAL CENTER 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date	11/07/2025
Checked	KG
Drawn	RTS/JNV
Project Number	620A4-22-700
Building Number	115
Drawing Number	115ET102

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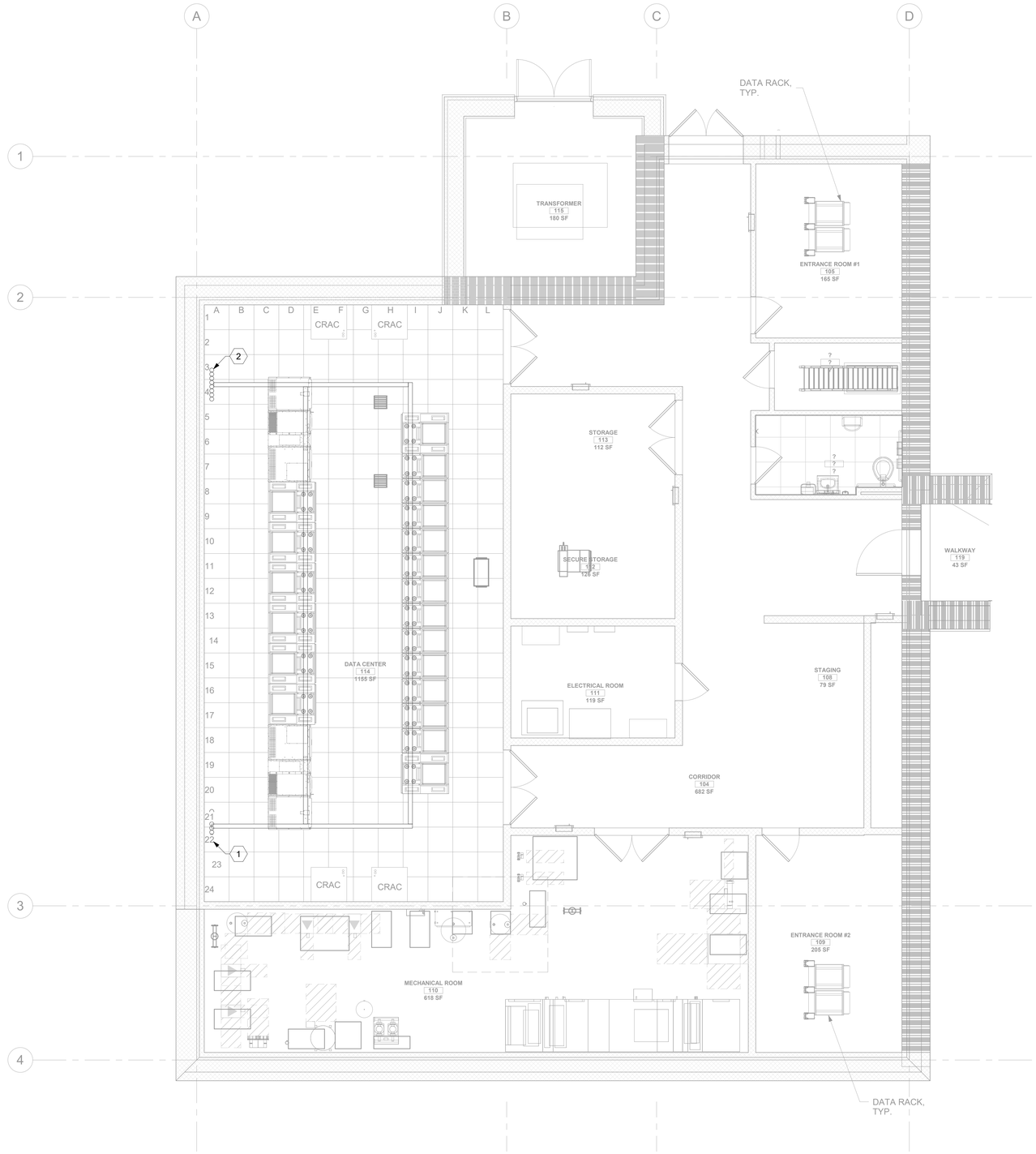

1 BLDG 115 - FIBER BACKBONE OVERHEAD PLAN

1/4" = 1'-0"

0 2' 4' 8'

PROJECT NORTH

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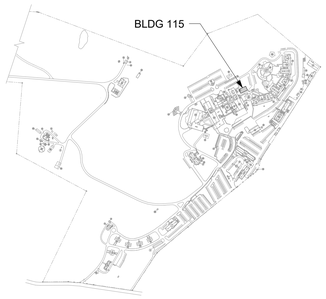
KEY NOTES

1. SIDE A FIBER OPTIC BACKBONE; (8) 4" CONDUIT FOR ROUTING FIBER. REFERENCE FIBER ROUTING PLANS ON CIVIL PLANS FOR ADDITIONAL INFORMATION.
2. SIDE B FIBER OPTIC BACKBONE; (8) 4" CONDUIT FOR ROUTING FIBER. REFERENCE FIBER ROUTING PLANS ON CIVIL PLANS FOR ADDITIONAL INFORMATION.

KEY PLAN



AREA SHOWN

TRUE NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 115 - FIBER BACKBONE OVERHEAD PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 115
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 115ET103
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

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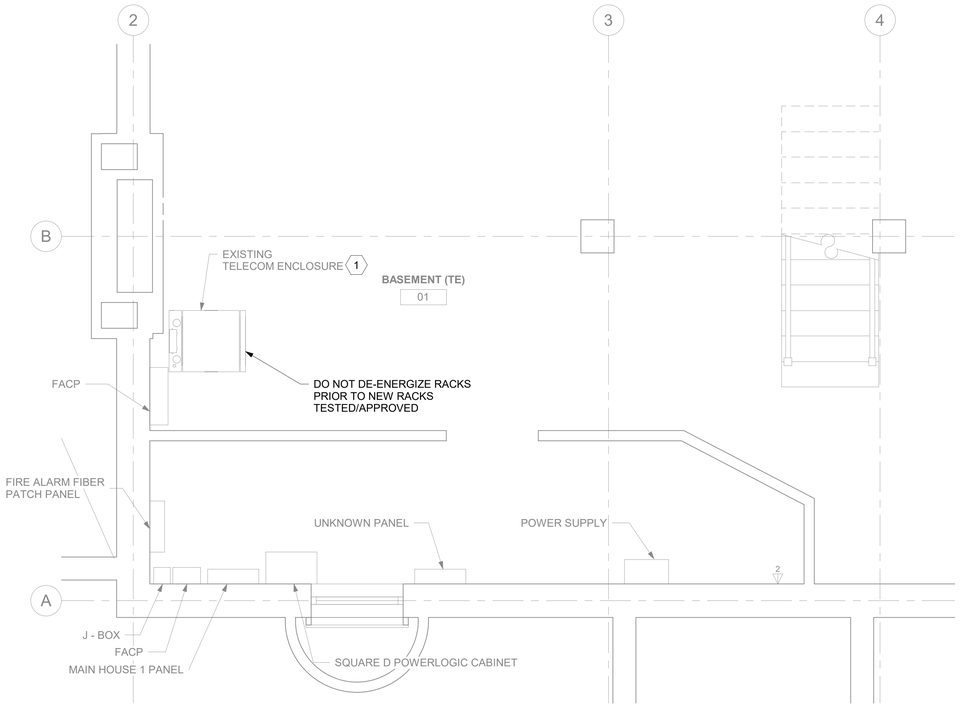
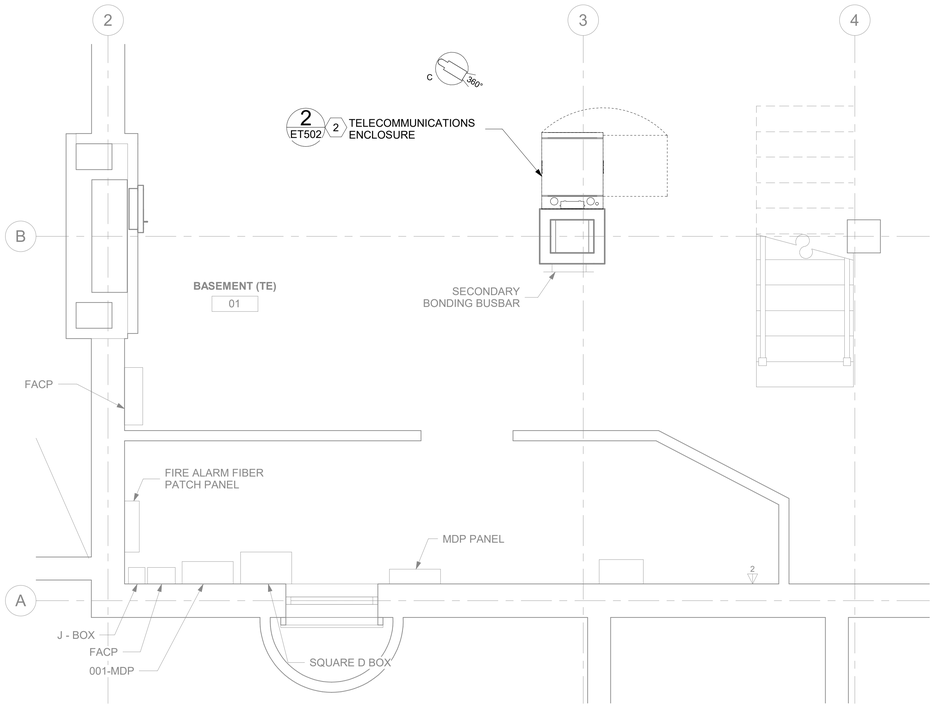
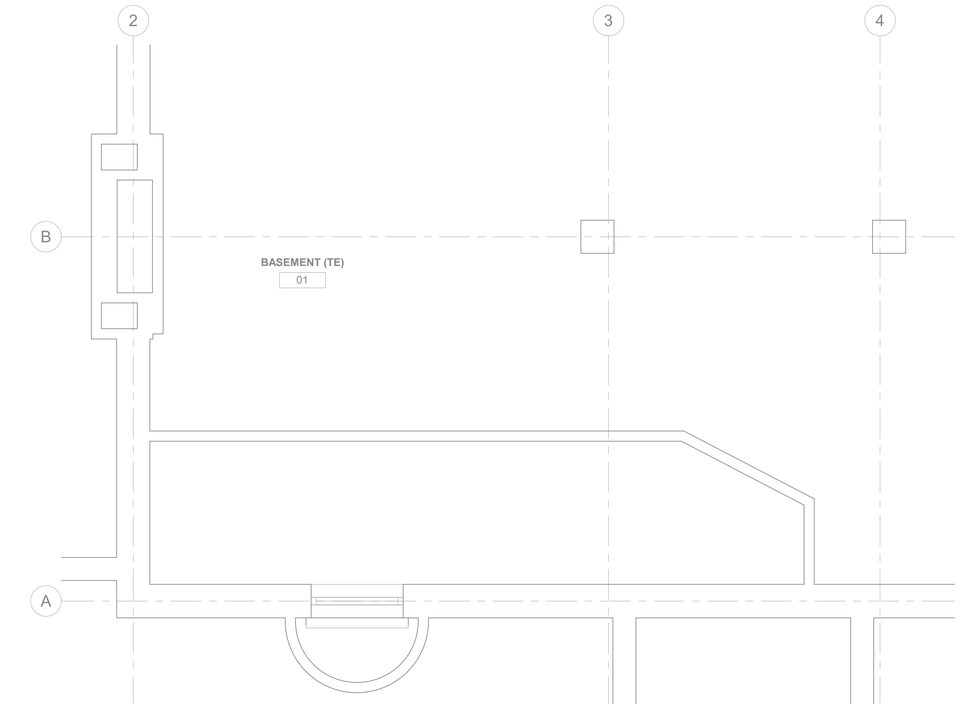


1 001ET100B RM 01 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 001ET100B RM 01 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 001ET100B RM 01 - DEMOLITION OVERHEAD PLAN
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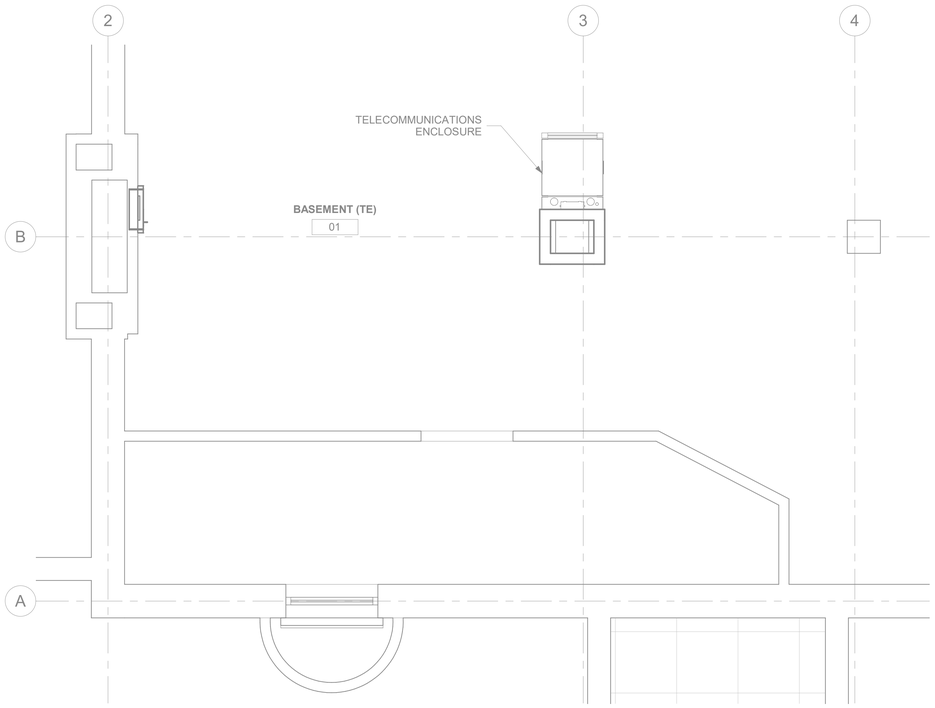

4 001ET100B RM 01 - OVERHEAD PLAN
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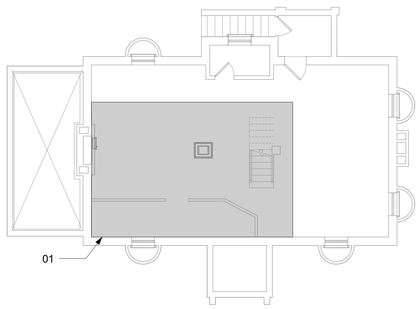
KEY NOTES

1. EXISTING DATA RACKS AND ASSOCIATED EQUIPMENT TO BE SALVAGED TO VA. ALL ASSOCIATED DATA CABLING TO BE DEMOLISHED BACK TO SOURCE.
2. EQUIPMENT SWINGS AWAY FROM WALL ON HINGE TO ALLOW BACK-DOOR ACCESS.

KEY PLAN



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

Drawing Title: BLDG 001 - LEVEL 00B - ENLARGED TELECOMMUNICATIONS PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: KG
Drawn: RTS/JNV
Project Number: 620A4-22-700
Building Number: 001
Drawing Number: 001ET400B

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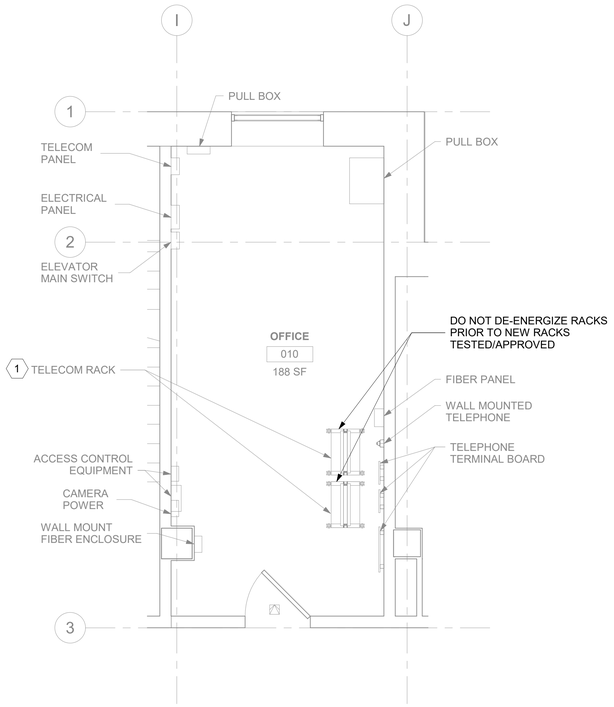
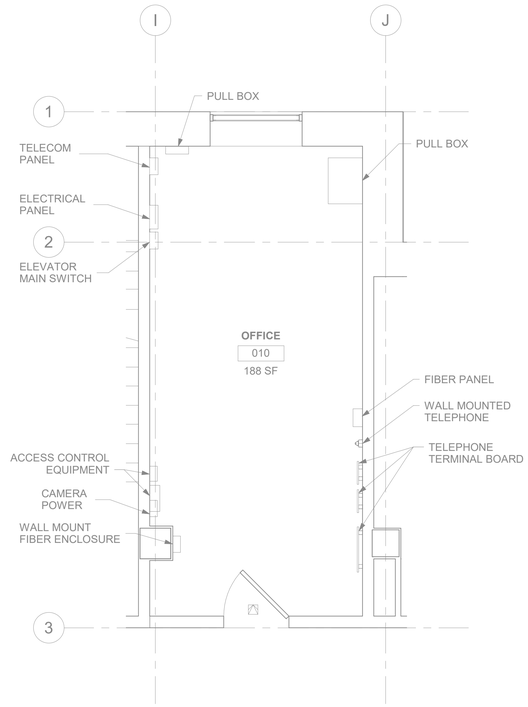


1 RM 010 - DEMOLITION FLOOR PLAN

3/8" = 1'-0"



2 RM 010 - TELECOMMUNICATIONS PLAN

3/8" = 1'-0"

GENERAL NOTES

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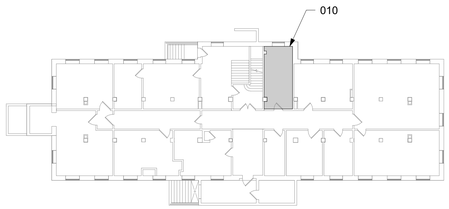
KEY NOTES

1. EXISTING DATA RACKS AND ASSOCIATED EQUIPMENT TO BE SALVAGED TO VA. ALL ASSOCIATED DATA CABLING TO BE DEMOLISHED BACK TO SOURCE.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 007 - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 007
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 007ET400
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_07_EL_SDB.rvt

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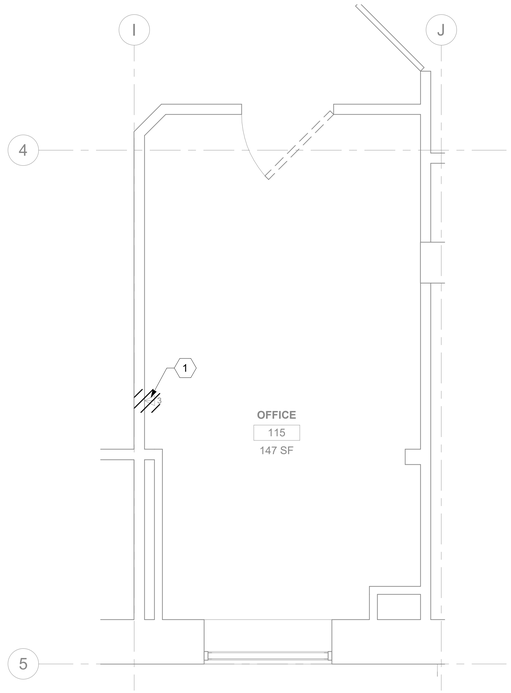
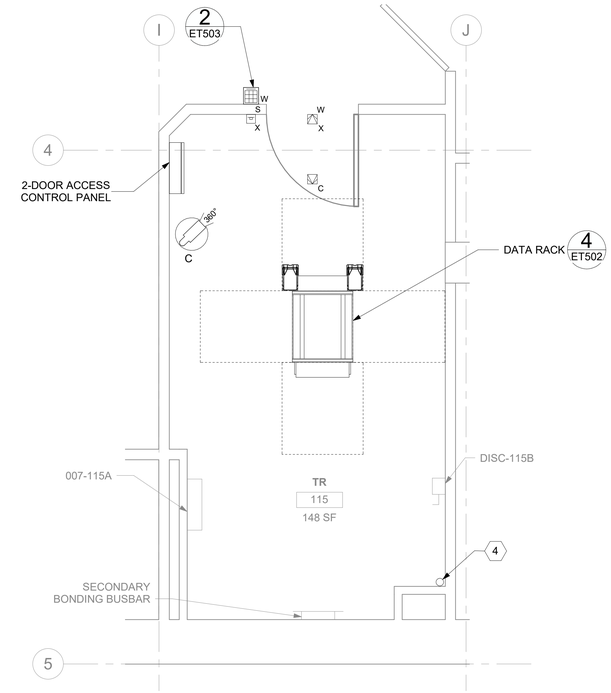
VA FORM 08 - 6231



1 007ET101 RM 115 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 007ET101 RM 115 - TELECOMMUNICATIONS PLAN
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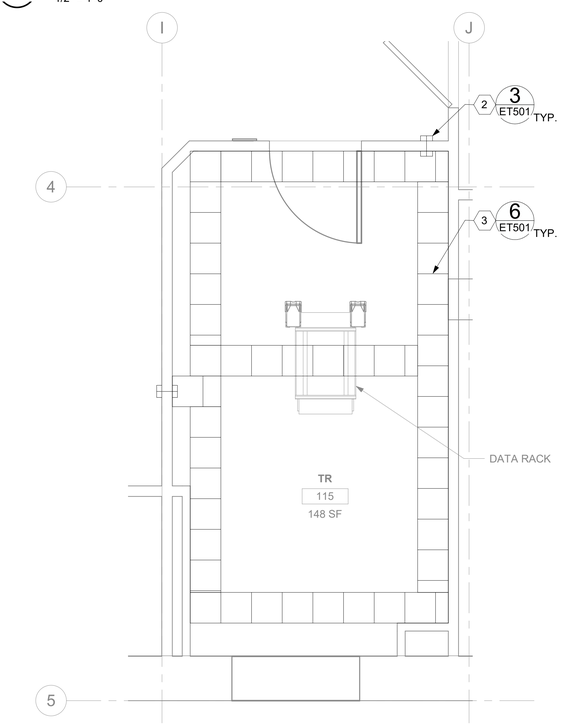

4 007ET101 RM 115 - OVERHEAD PLAN
1/2" = 1'-0"

3 007ET101 NOT USED
NTS

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KEY NOTES

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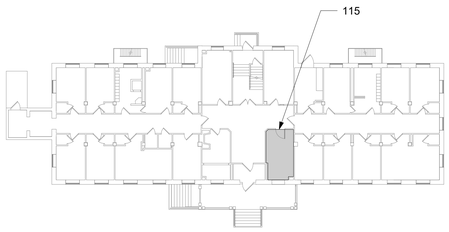
3. WIRE BASKET CABLE TRAY.
4. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING DOWN TO LEVEL 00. PROVIDE LADDER RACK AS REQUIRED FROM HORIZONTAL CABLE TRAY TO FIRE STOP SLEEVE.

KEY PLAN



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Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

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BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title	Phase	Project Title	Project Number
BLDG 007 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 007
		Issue Date: 11/07/2025; Checked: KG; Drawn: RTS/JNV	Drawing Number: 007ET401

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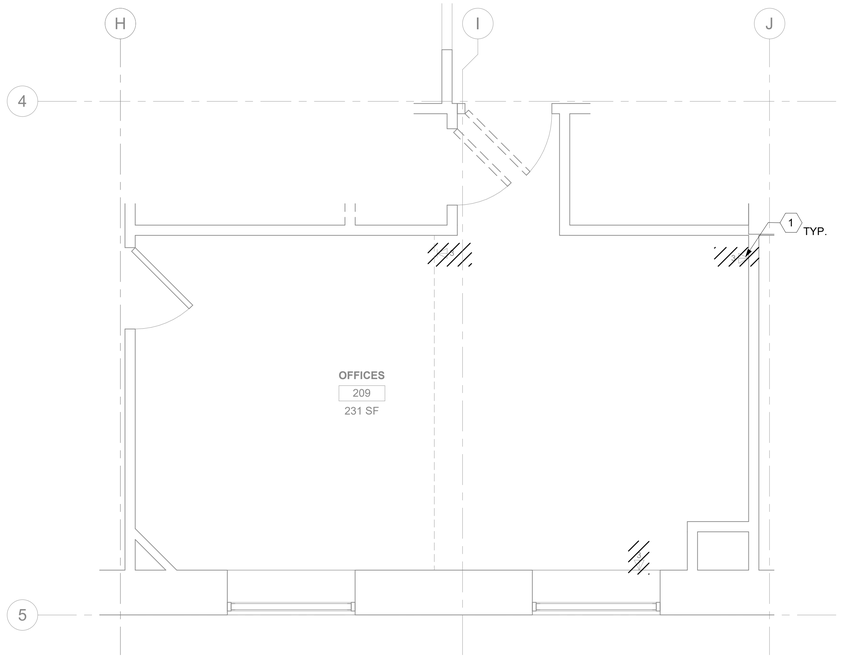
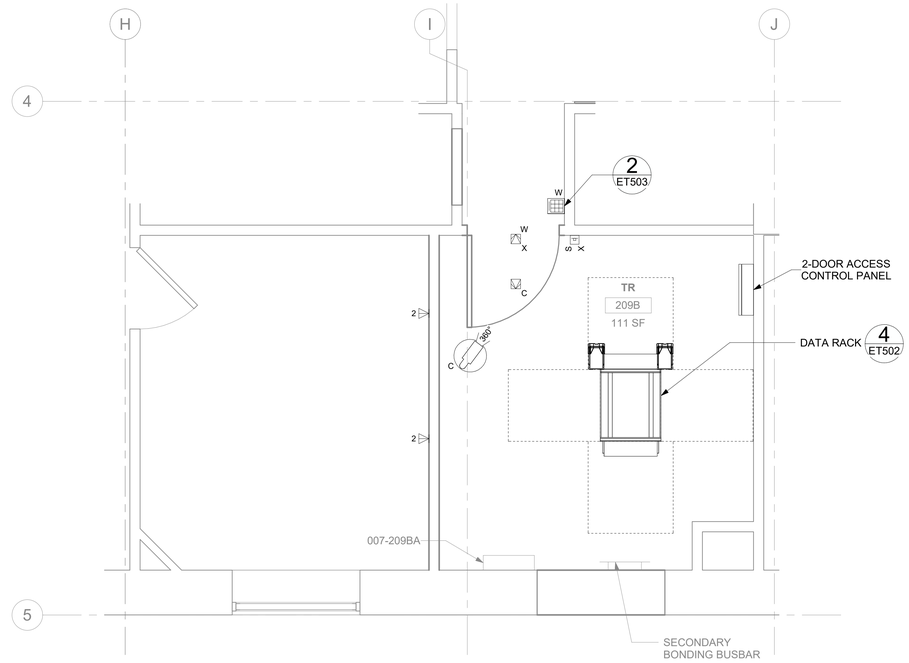
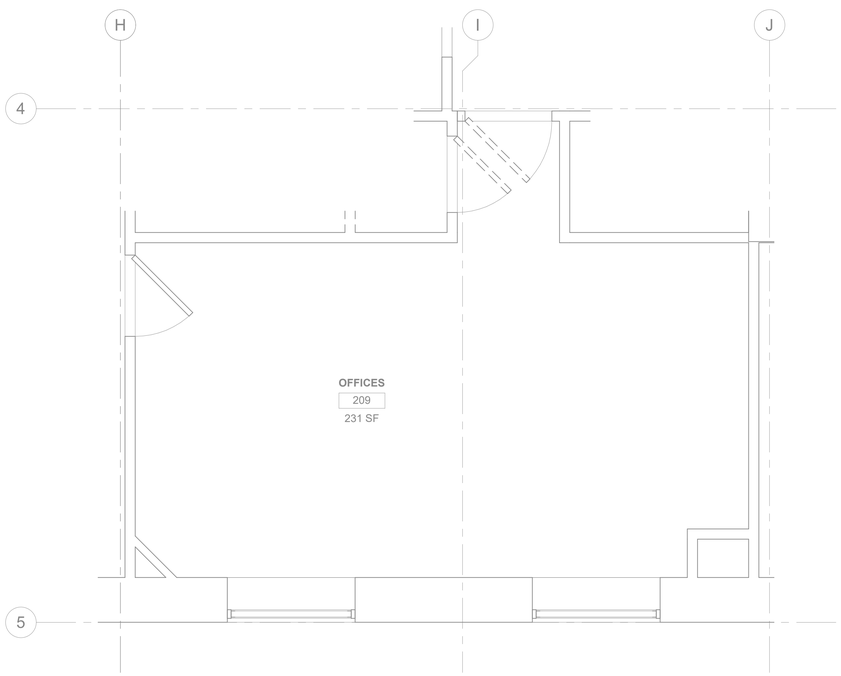


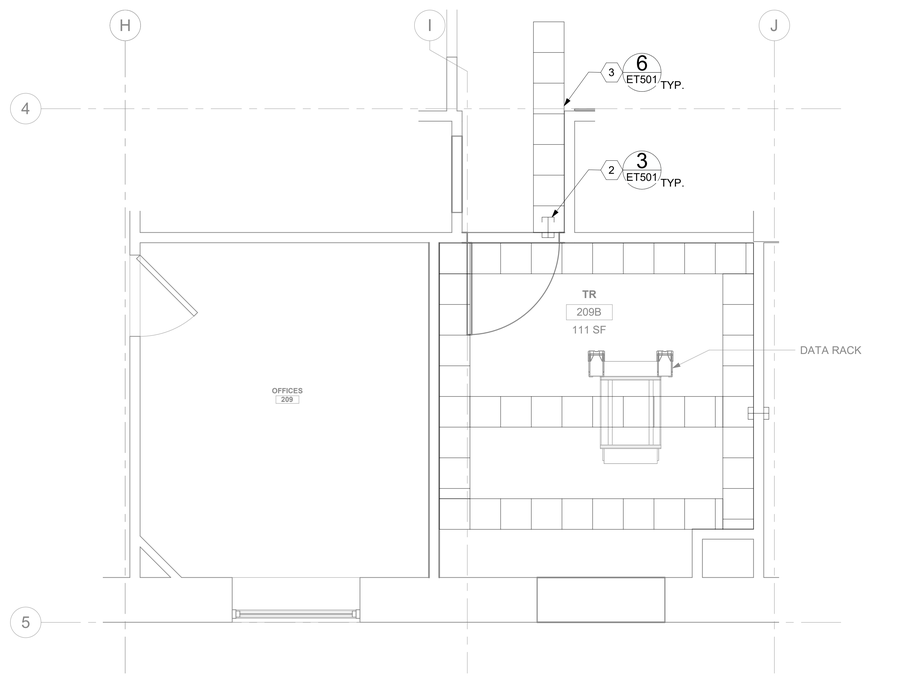
1 007ET102 RM 209 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 007ET102 RM 209B - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 007ET102 RM 209 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



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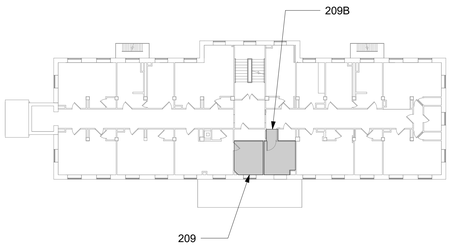
KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
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BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 007 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 007
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: 007ET402

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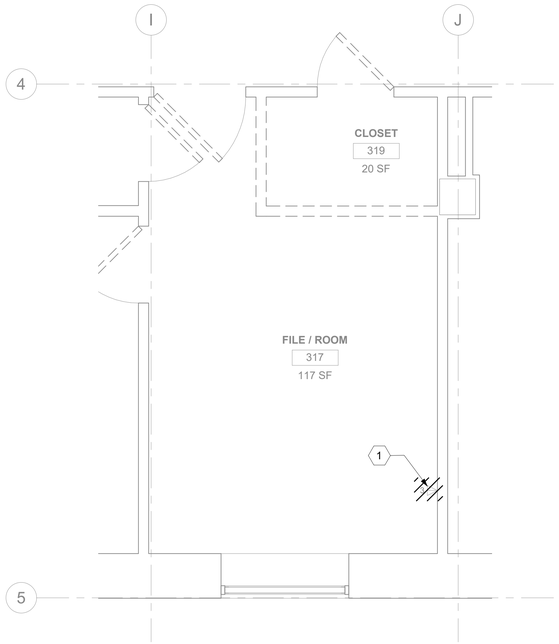
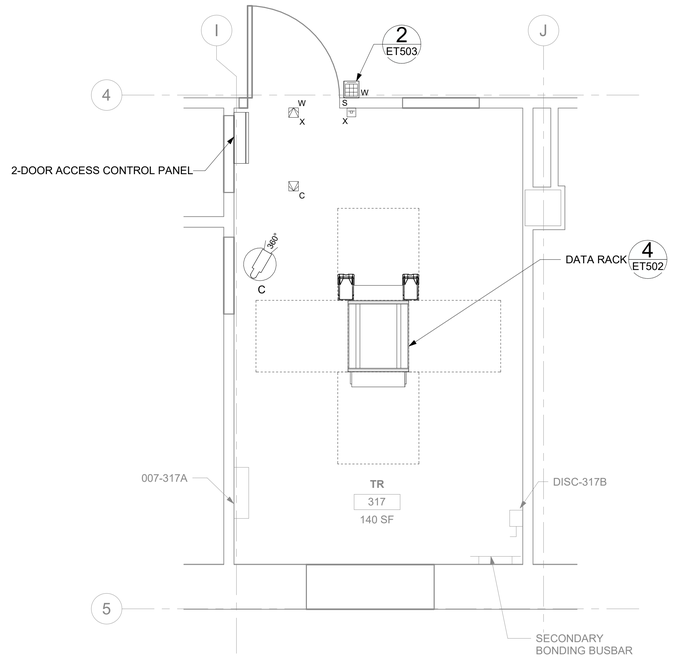
VA FORM 08 - 6231



1 007ET103 RM 317 & 319 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 007ET103 RM 317 - TELECOMMUNICATIONS PLAN
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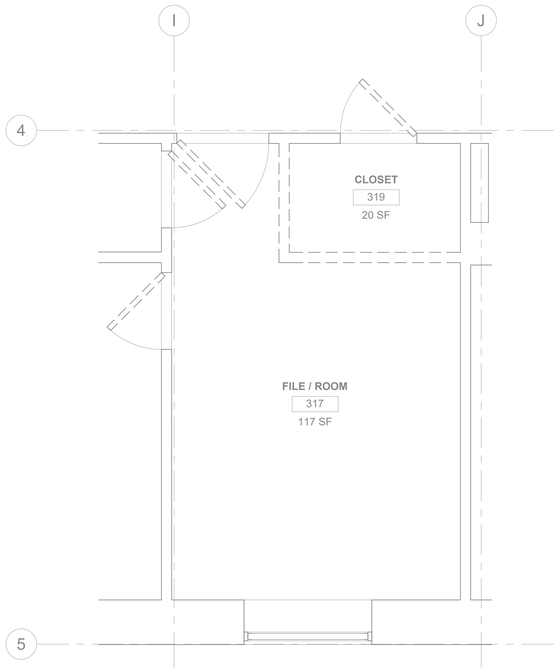

3 007ET103 RM 317 & 319 - DEMOLITION OVERHEAD PLAN
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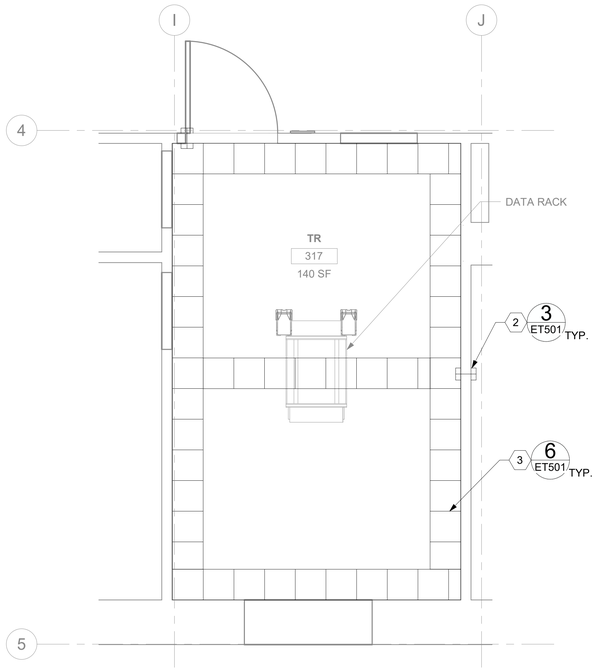

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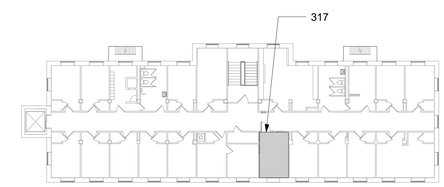
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

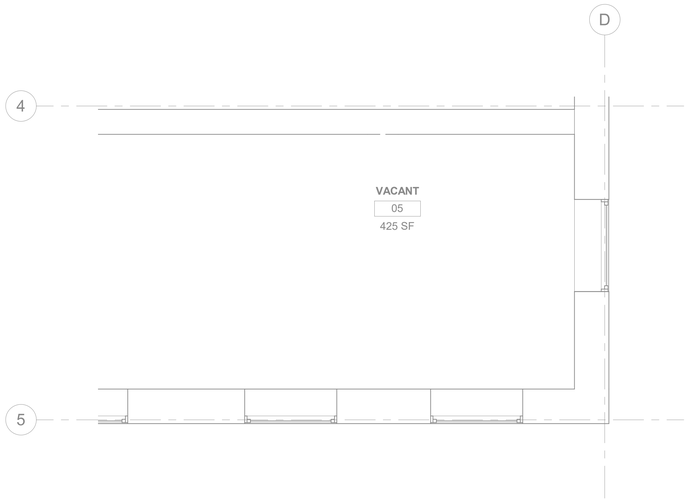
STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

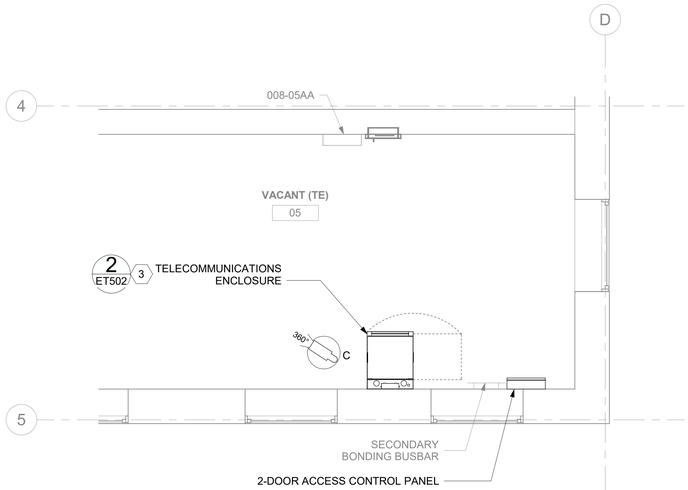
Drawing Title: BLDG 007 - LEVEL 03 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: KG
Drawn: RTS/JNV
Project Number: 620A4-22-700
Building Number: 007
Drawing Number: 007ET403

BIM 360:///620A4-22-700 VAHV
EHRM infrastructure upgrades - Castle Point
Point/VACP_07_EL_SDB.rvt
07/11/2025 10:11:25 am

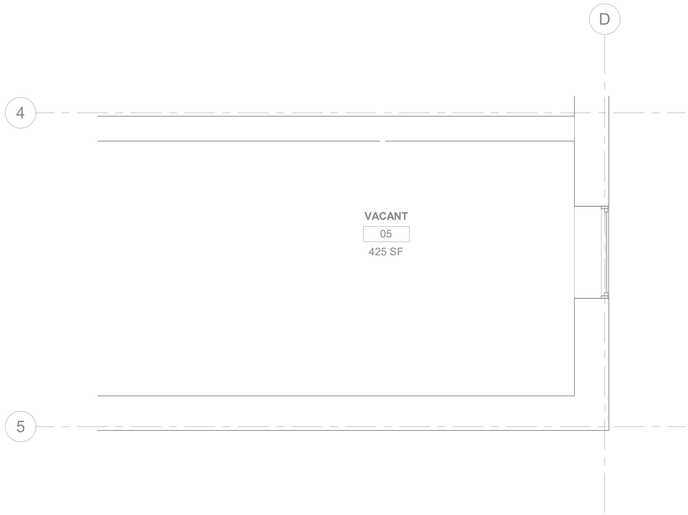
VA FORM 08 - 6231



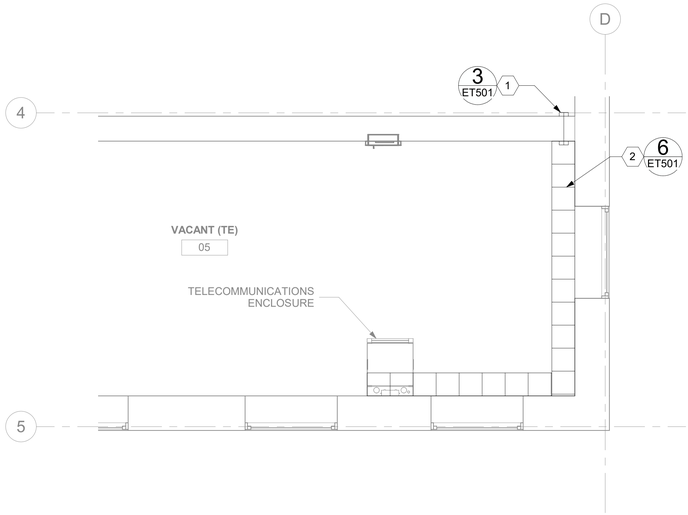
1 008ET100 RM 05 - DEMOLITION TELECOMMUNICATIONS PLAN
3/8" = 1'-0"



2 008ET100 RM 05 - TELECOMMUNICATIONS PLAN
3/8" = 1'-0"



3 008ET100 RM 05 - DEMOLITION OVERHEAD PLAN
3/8" = 1'-0"



4 008ET100 RM 05 - OVERHEAD PLAN
3/8" = 1'-0"

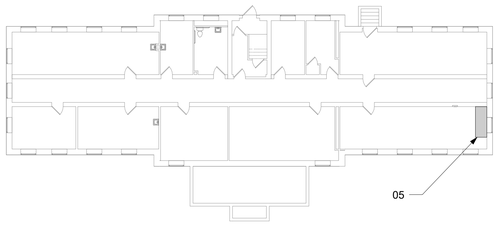
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, AND FINISHES 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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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 BASED ON AS-BUILT DRAWINGS.
11. 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.
12. 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 RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
2. WIRE BASKET CABLE TRAY.
3. EQUIPMENT SWINGS AWAY FROM WALL ON HINGE TO ALLOW BACK-DOOR ACCESS.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 008 - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 008
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 008ET400
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV
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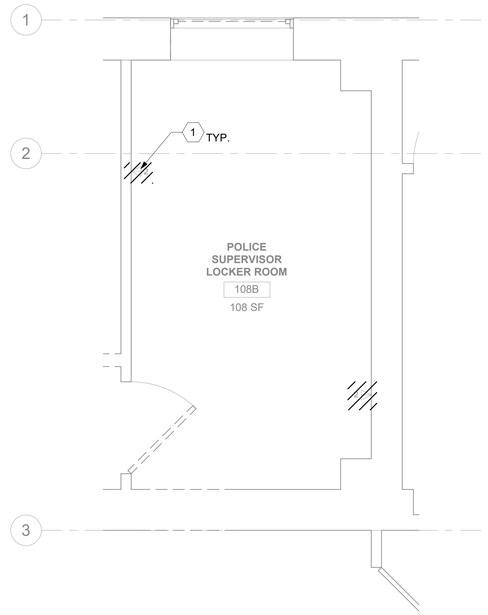
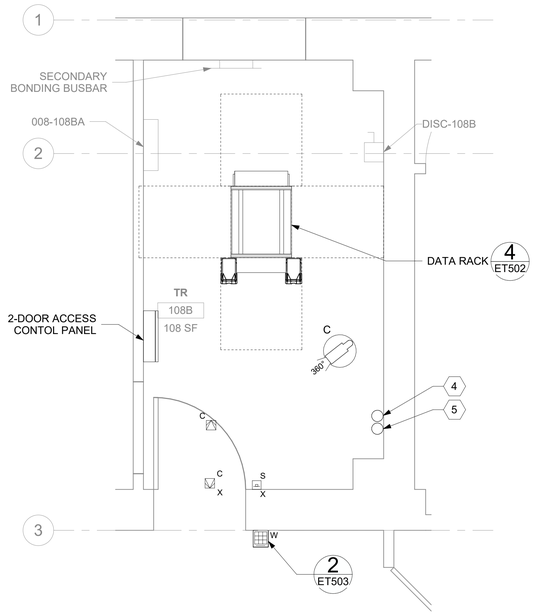
Point/VACP_08_EL_SDB.rvt
07/11/2025 4:20:38 am

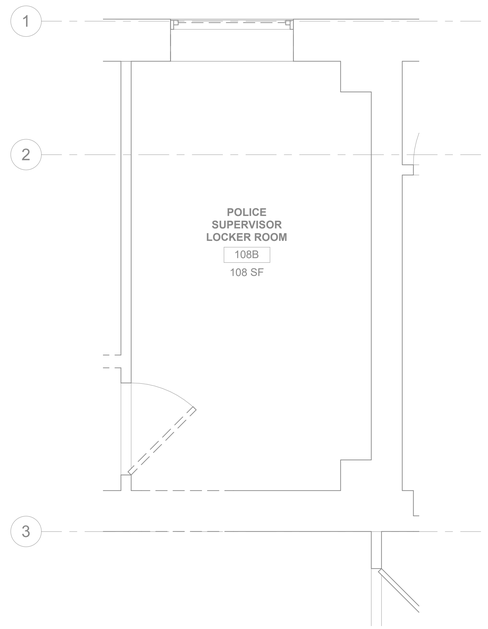
VA FORM 08 - 6231



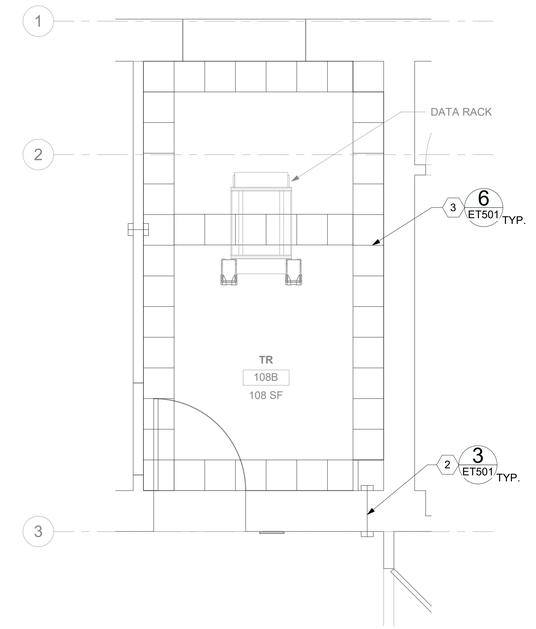
1 008ET101 RM 108B - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 008ET101 RM 108B - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 008ET101 RM 108B - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



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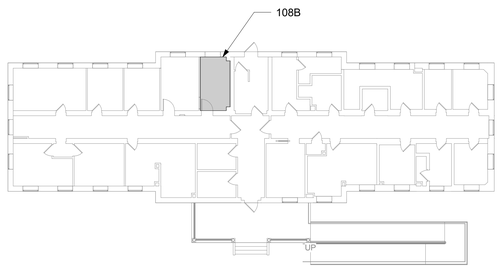
3. WIRE BASKET CABLE TRAY.
4. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING DOWN TO LEVEL 00. PROVIDE LADDER RACK AS REQUIRED FROM HORIZONTAL CABLE TRAY TO FIRE STOP SLEEVE.
5. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING UP TO LEVEL 02. PROVIDE LADDER RACK AS REQUIRED FROM HORIZONTAL CABLE TRAY TO FIRE STOP SLEEVE.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

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A/E:
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BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

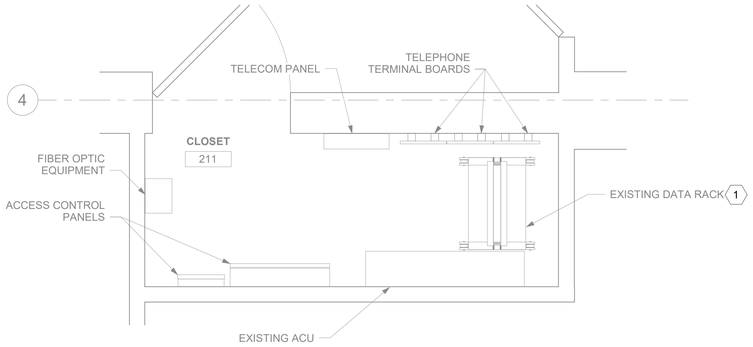
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 008 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 008
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 008ET401
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

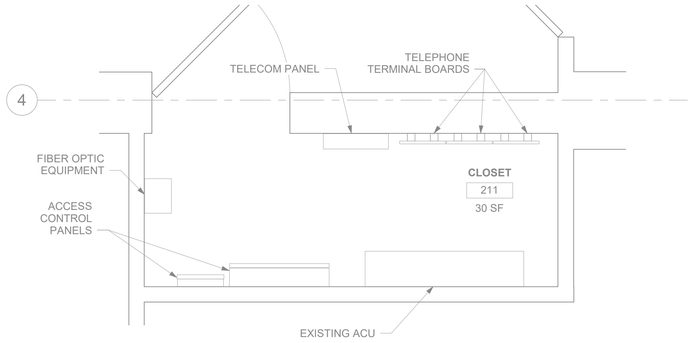
BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_08_EL_SDB.rvt
07/11/2025 4:20:22 am

VA FORM 08 - 6231



1 008ET102 RM 211 - DEMOLITION FLOOR PLAN

3/4" = 1'-0"



2 008ET102 RM 211 - TELECOMMUNICATIONS PLAN

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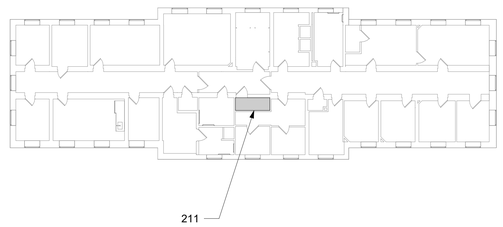
KEY NOTES

1. EXISTING DATA RACKS AND ASSOCIATED EQUIPMENT TO BE SALVAGED TO VA. ALL ASSOCIATED DATA CABLING TO BE DEMOLISHED BACK TO SOURCE.

KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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STAMP

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BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 008 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Project Number	620A4-22-700
Building Number	008
Approved:	
	FULLY SPRINKLERED
Location	VA HUDSON VALLEY MEDICAL CENTER 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date	11/07/2025
Checked	KG
Drawn	RTS/JNV
Drawing Number	008ET402

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_08_EL_SDB.rvt

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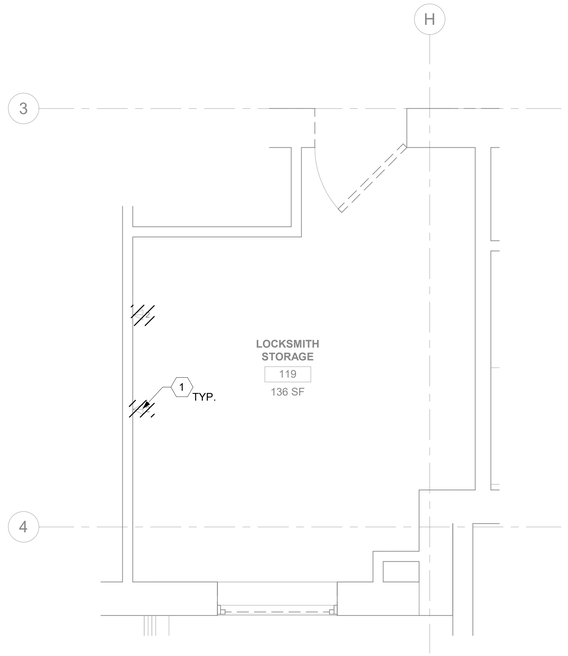
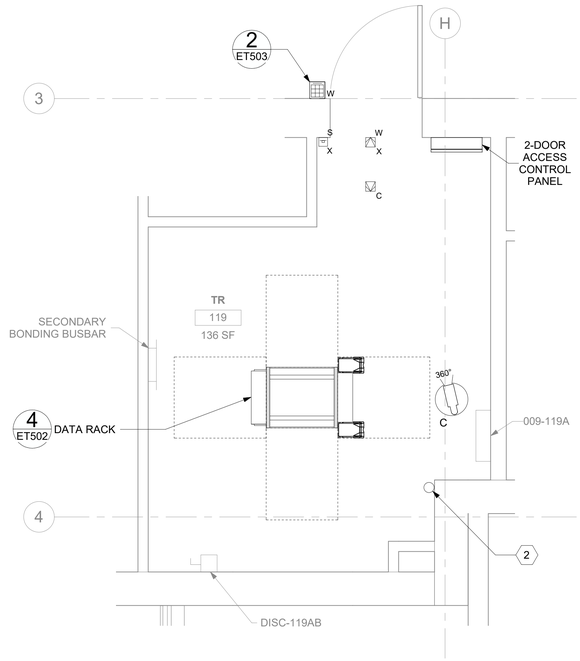
VA FORM 08 - 6231



1 009ET101 RM 119 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



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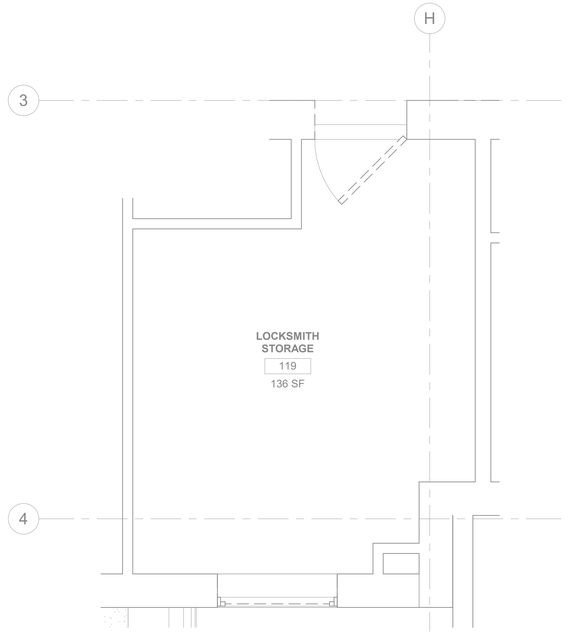
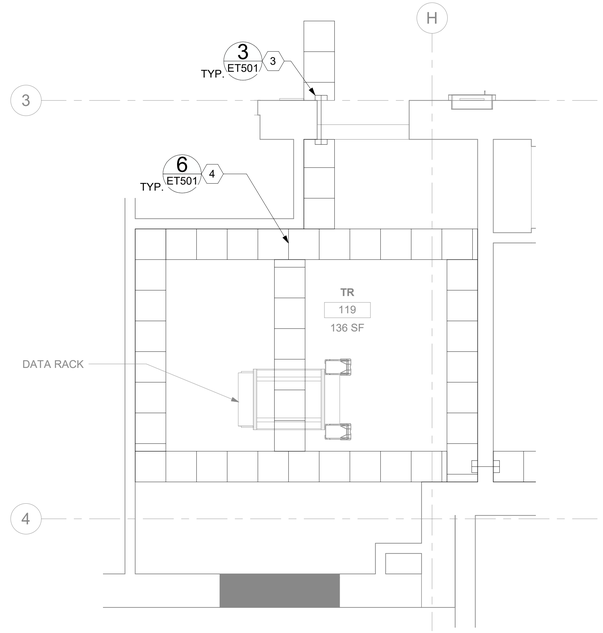


3 009ET101 RM 119 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 009ET101 RM 119 - OVERHEAD PLAN
1/2" = 1'-0"

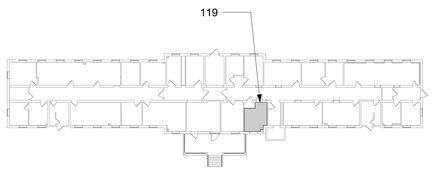
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, AND FINISHES 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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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 BASED ON AS-BUILT DRAWINGS.
11. 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.
12. 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 CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING DOWN TO LEVEL 00. PROVIDE LADDER RACK AS REQUIRED FROM HORIZONTAL CABLE TRAY TO FIRE STOP SLEEVE.
3. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY ATLEAST 10-FT.
4. WIRE BASKET CABLE TRAY.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

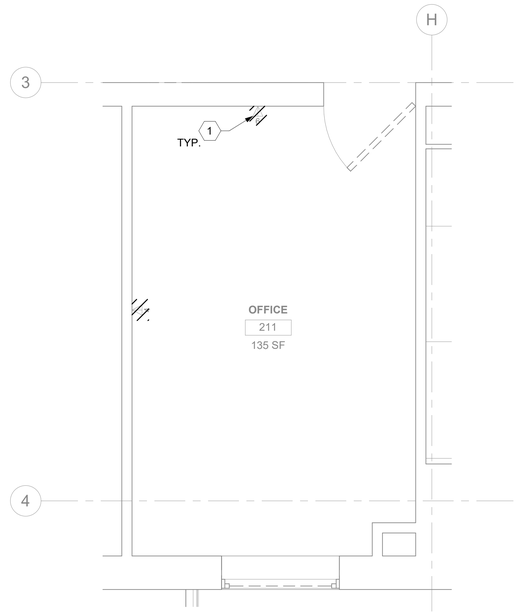
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

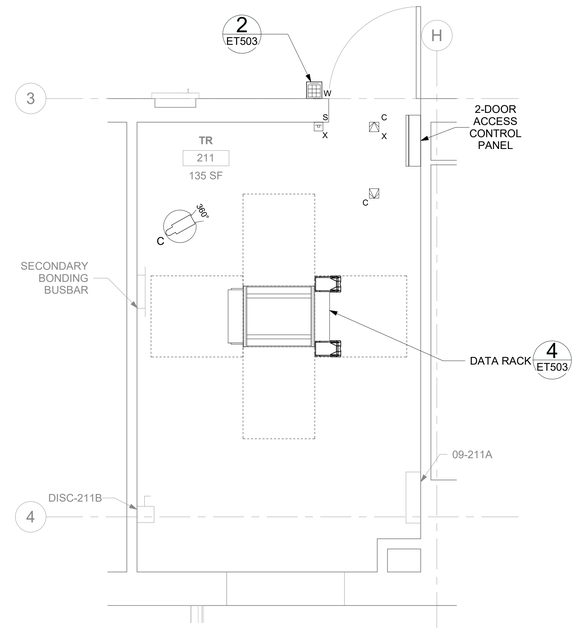
Drawing Title	Phase	Project Title	Project Number
BLDG 009 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 009
Approved:	NON SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 009ET401
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_09_EL_SDB.rvt
07/11/2025 4:28:47 am

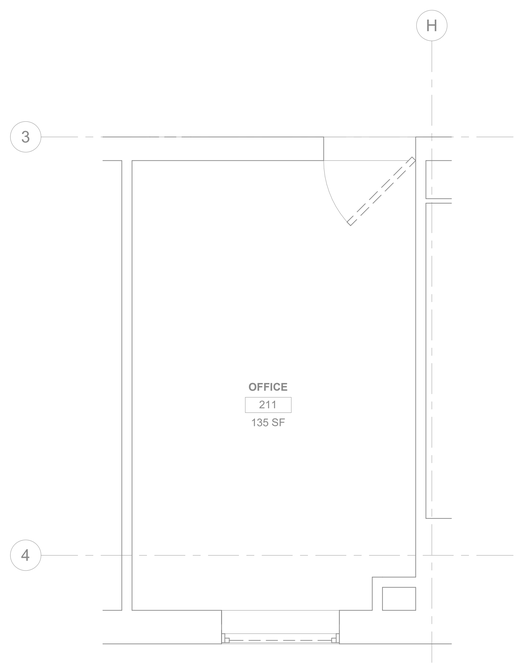
VA FORM 08 - 6231



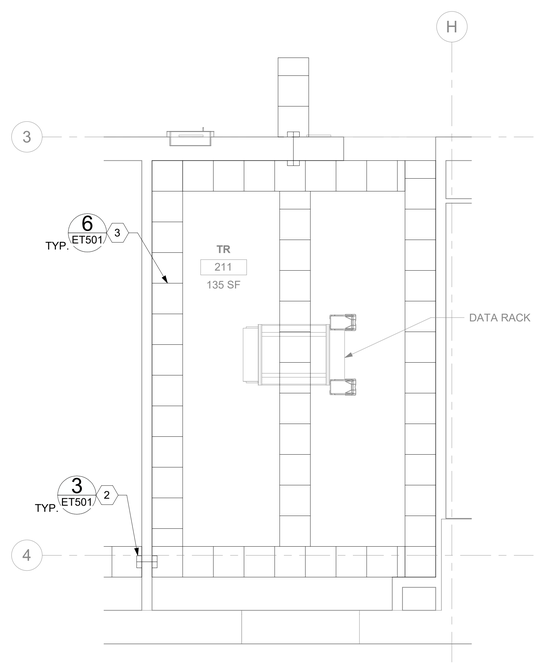
1 009ET102 RM 211 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 009ET102 RM 211 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 009ET102 RM 211 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 009ET102 RM 211 - OVERHEAD PLAN
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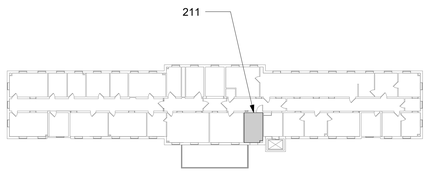
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY ATLEAST 10-FT.
3. WIRE BASKET CABLE TRAY.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

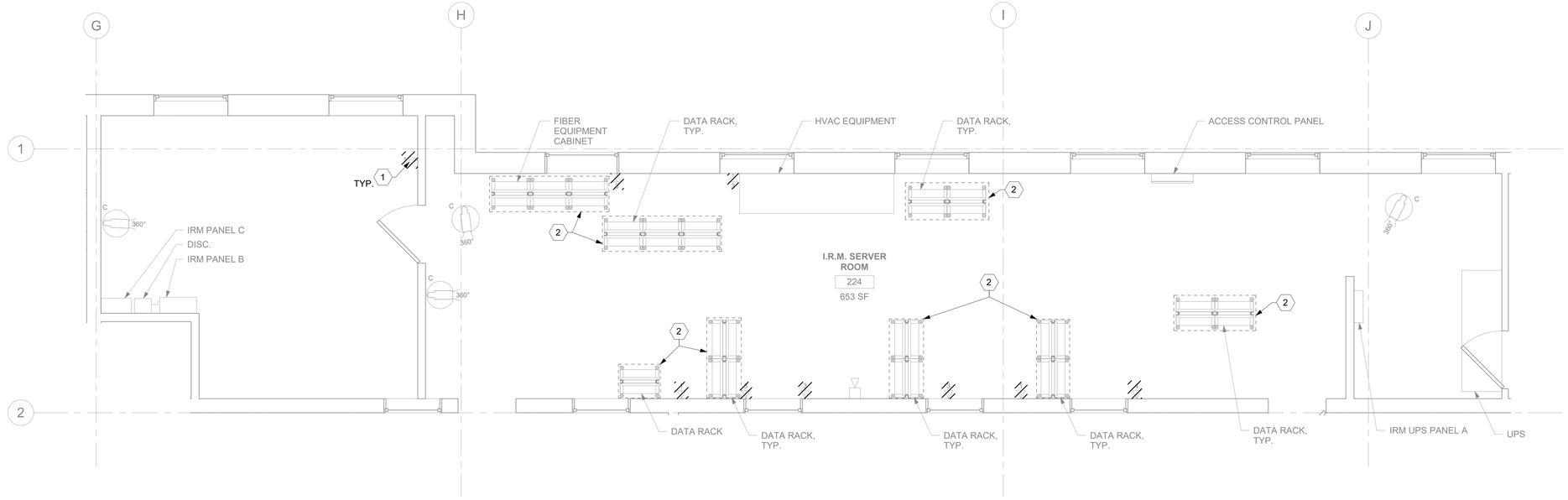
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 009 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 009
Approved:	NON SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 009ET402a
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_09_EL_SDB.rvt
07/11/2025 4:28:50 am

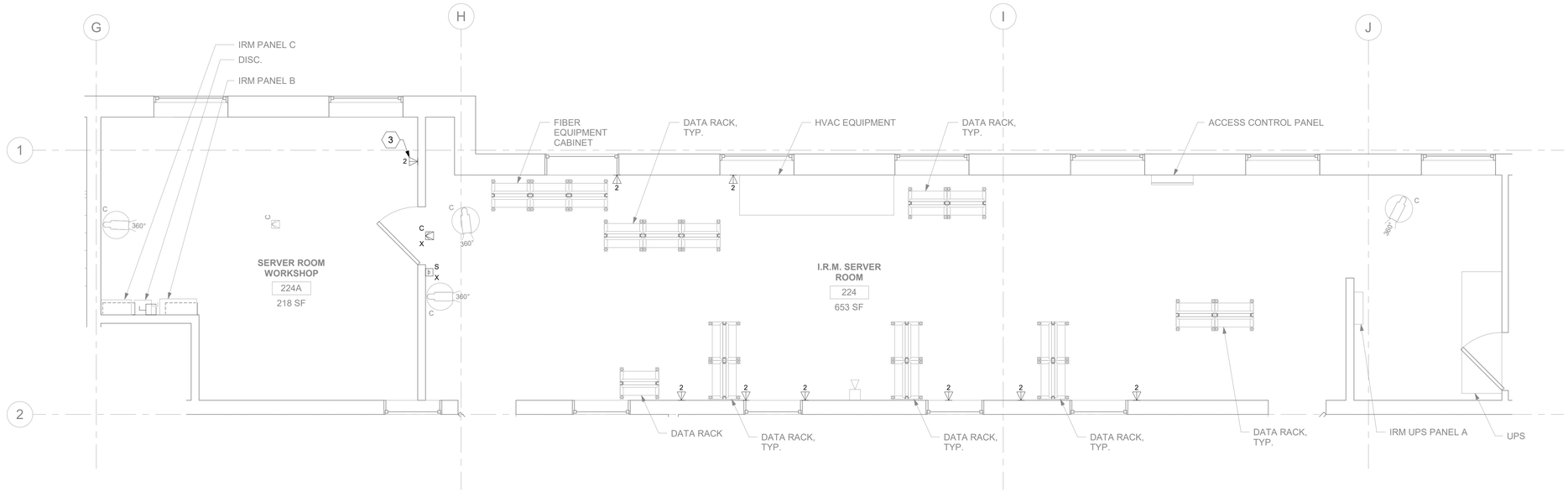
VA FORM 08 - 6231



1 RM 224 - DEMOLITION FLOOR PLAN

009ET102

3/8" = 1'-0"



2 RM 224 - TELECOMMUNICATIONS PLAN

009ET102

3/8" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, AND FINISHES 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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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 BASED ON AS-BUILT DRAWINGS.
11. 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.
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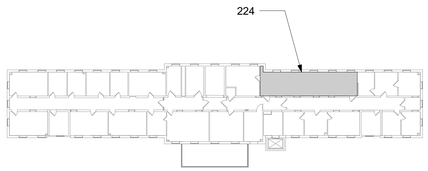
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. SERVER CABINETS AND RACKS TO BE DECOMISSIONED BY OIT AT A LATER DATE. CONTRACTOR TO COORDINATE WITH THE VA FOR CAT6A RE-CABLING TO ENSURE NO SERVICE DISRUPTIONS.
3. 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 ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA FOR EXACT OUTLET PLACEMENT.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 009 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 009
Approved:	NON SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 009ET402b
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_09_EL_SDB.rvt

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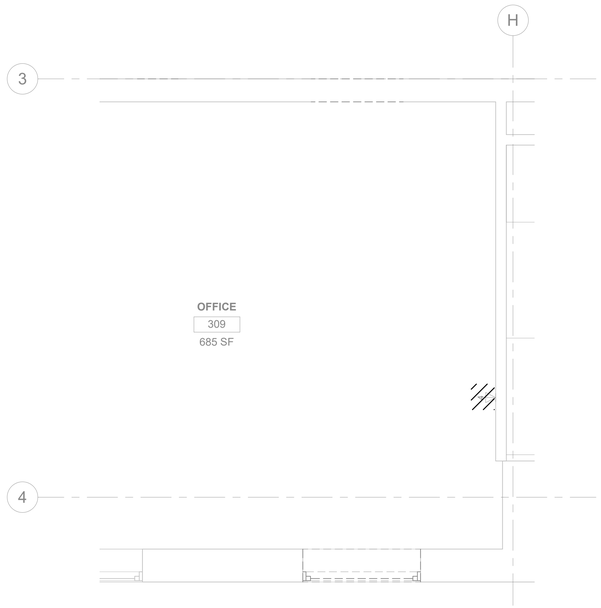
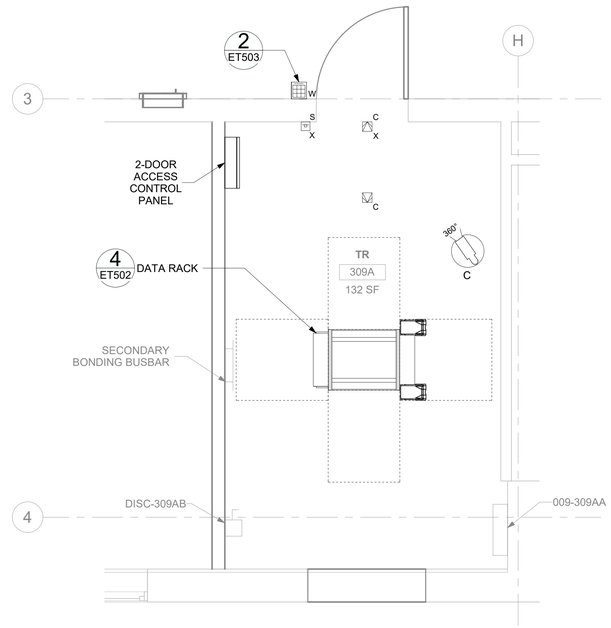
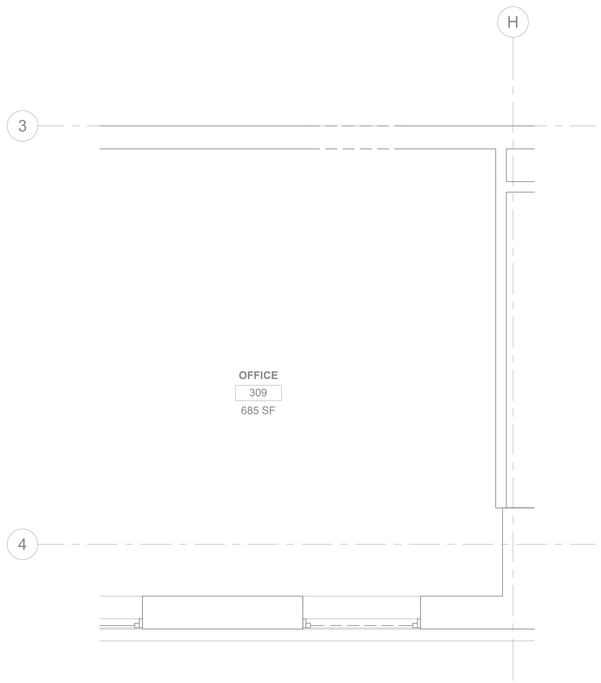
VA FORM 08 - 6231



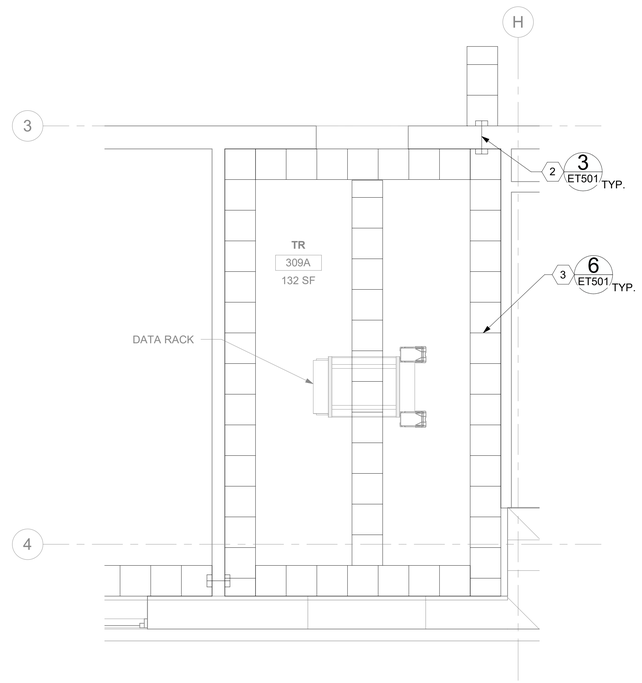
1 009ET103 RM 309 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 009ET103 RM 309A - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 009ET103 RM 309 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 009ET103 RM 309A - OVERHEAD PLAN
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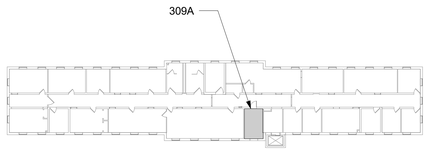
11. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
12. 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 CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY ATLEAST 10-FT.
3. WIRE BASKET CABLE TRAY.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

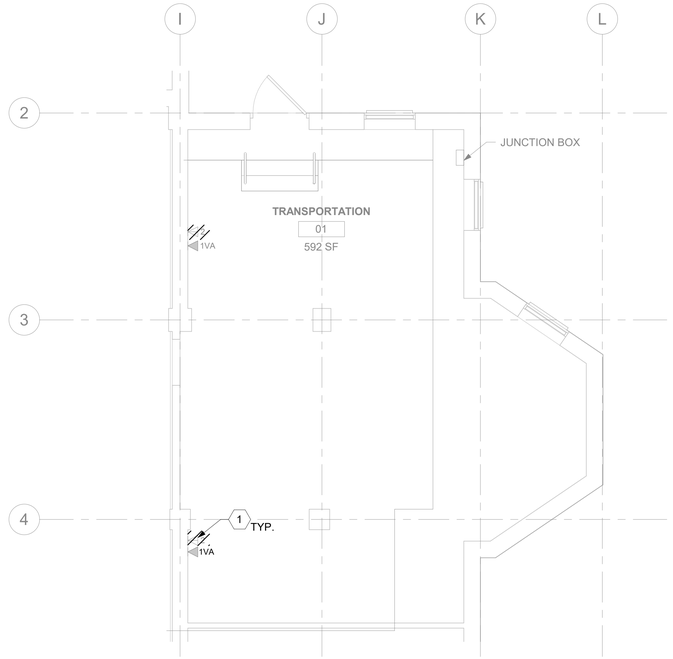
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

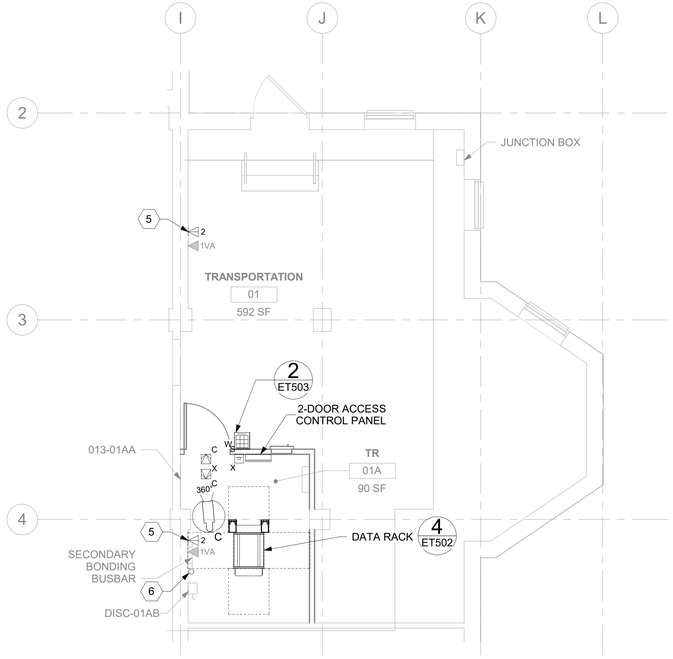
Drawing Title	Phase	Project Title	Project Number
BLDG 009 - LEVEL 03 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 009
Approved:	NON SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 009ET403
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM infrastructure upgrades - Castle Point/VACP_09_EL_SDB.rvt
07/11/2025 4:28:54 am

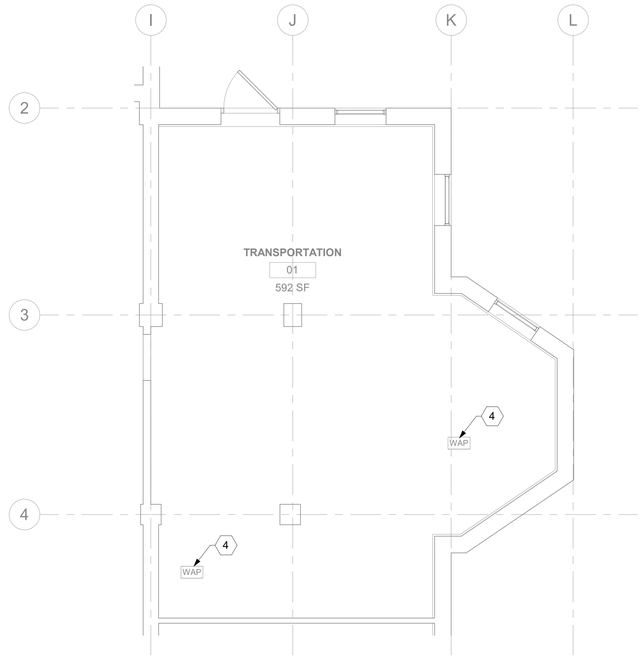
VA FORM 08 - 6231



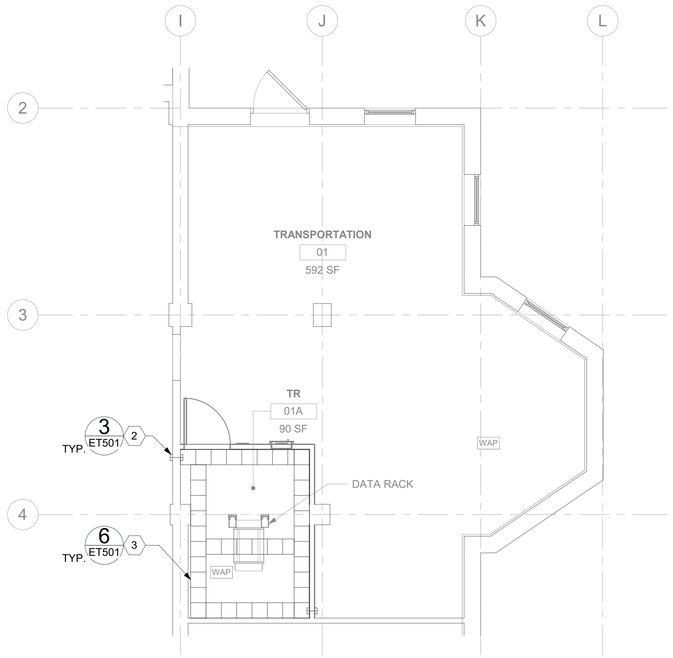
1 013ET100 RM 01 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 013ET100 RM 01A - TELECOMMUNICATIONS PLAN
1/4" = 1'-0"



3 013ET100 RM 01 - DEMOLITION OVERHEAD PLAN
1/4" = 1'-0"



4 013ET100 RM 01A - OVERHEAD PLAN
1/4" = 1'-0"

GENERAL NOTES

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2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, AND FINISHES 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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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.
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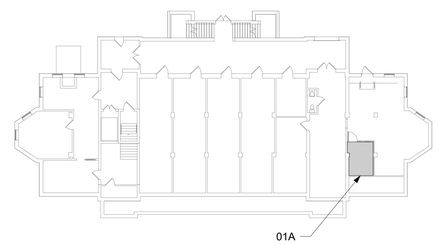
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.
4. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.
5. 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 ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA FOR EXACT OUTLET PLACEMENT.
6. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING DOWN TO LEVEL 01. PROVIDE LADDER RACK AS REQUIRED FROM HORIZONTAL CABLE TRAY TO FIRE STOP SLEEVE.

KEY PLAN



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Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
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REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 013 - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 013
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 013ET400
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV
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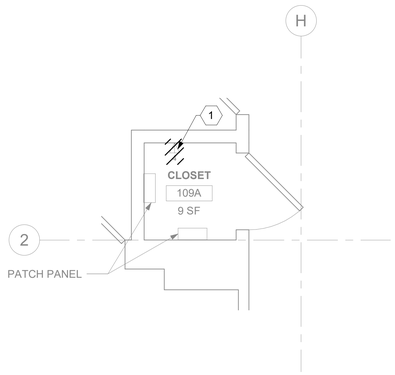
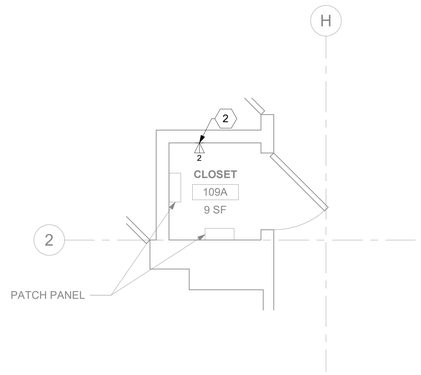
07/11/2025 4:48:22 am

VA FORM 08 - 6231



1 013ET101 RM 109 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 013ET101 RM 109 - TELECOMMUNICATIONS PLAN
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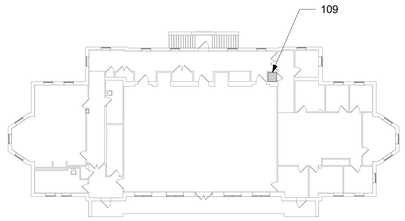
KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

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REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

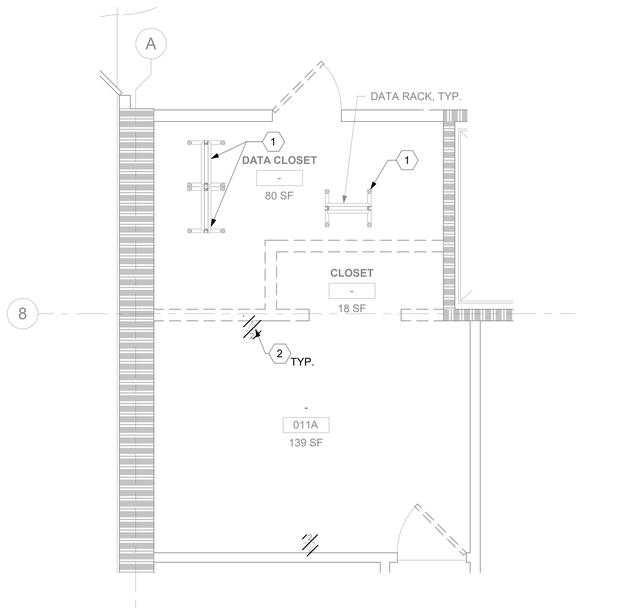
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 13 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 013
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: 013ET401

BIM 360://620A4-22-700 VAHV
EHRM Infrastructure upgrades - Castle Point
Point/VACP_13_EL_SDB.rvt
07/11/2025 4:48:26 am

VA FORM 08 - 6231



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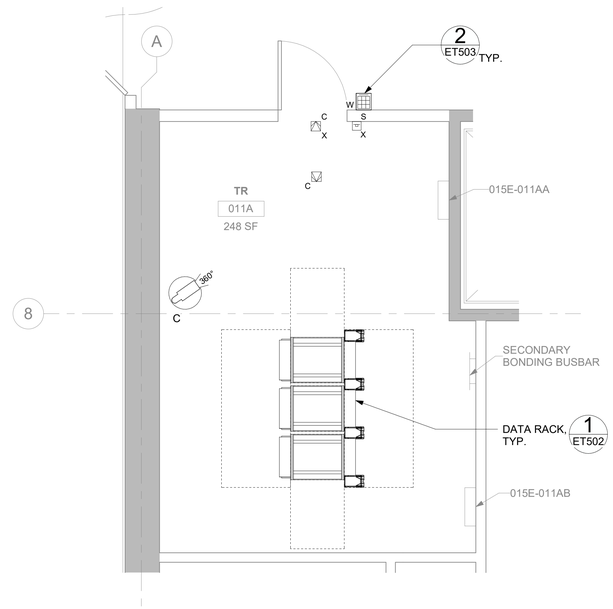
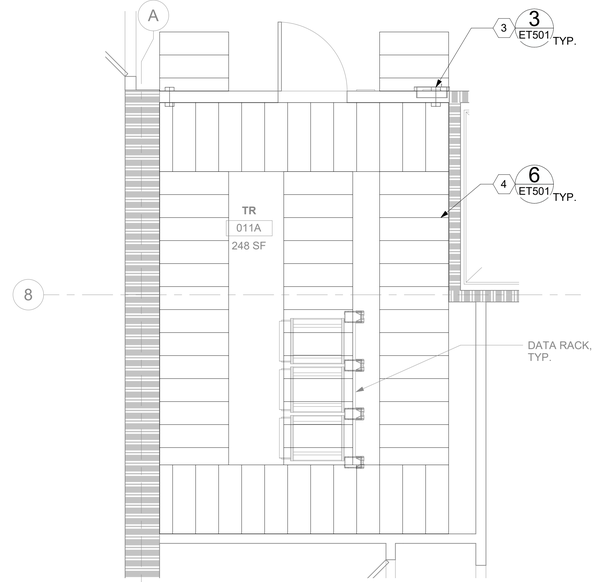
3/8" = 1'-0"



2 015EET100 RM 011A - TELECOMMUNICATIONS PLAN
3/8" = 1'-0"



4 015EET100 RM 011A - OVERHEAD PLAN
3/8" = 1'-0"

3 015EET100 NOT USED
NTS

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KEY NOTES

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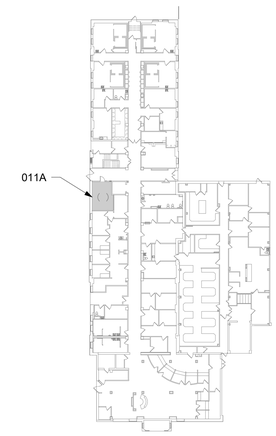

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 015E - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 015E
		Issue Date: 11/07/2025; Checked: KG; Drawn: RTS/JNV	Drawing Number: 015EET400

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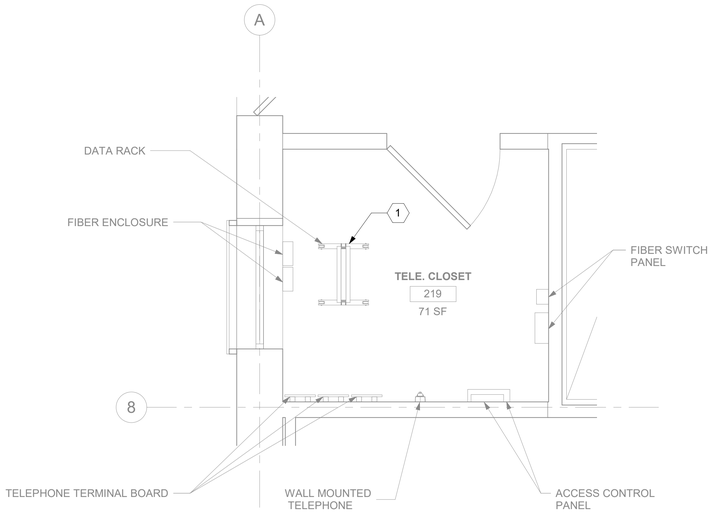
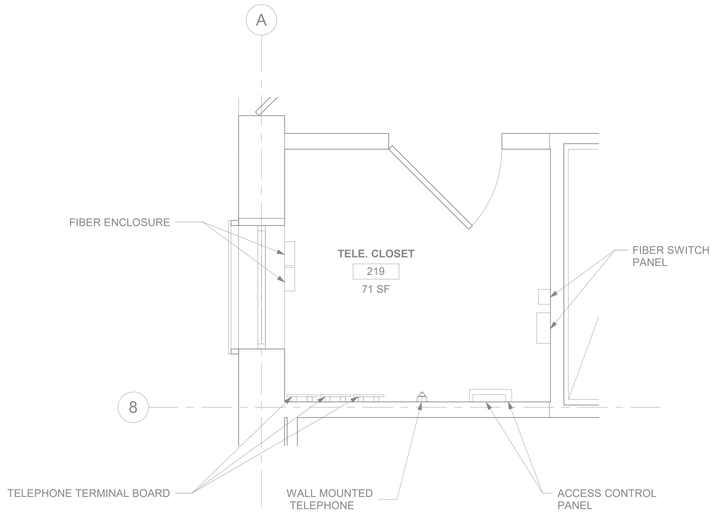
VA FORM 08 - 6231



1 015EET102 RM 219 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 015EET102 RM 219 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
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3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
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7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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.
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KEY NOTES

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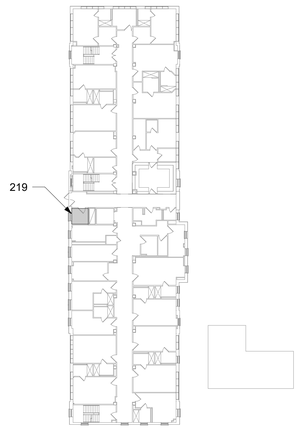
KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title: BLDG 015E - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: KG
Drawn: RTS/JNV
Project Number: 620A4-22-700
Building Number: 015E
Drawing Number: 015EET402

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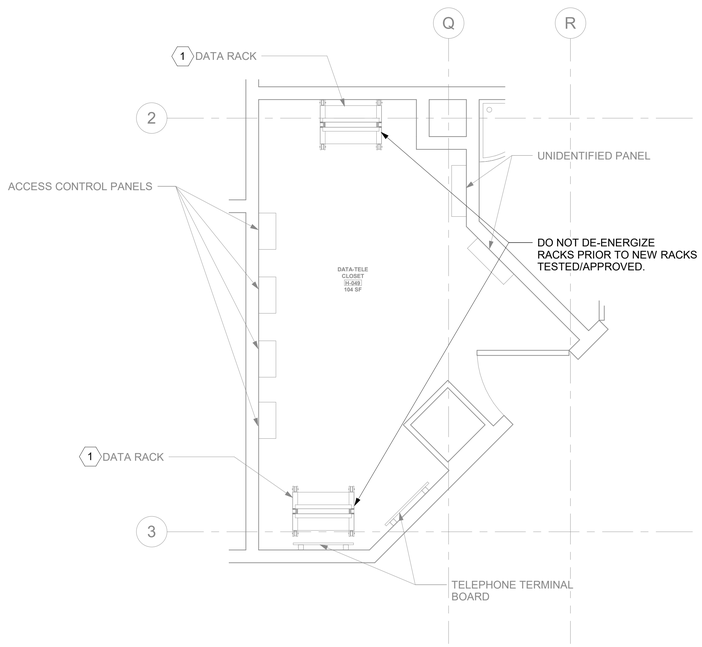
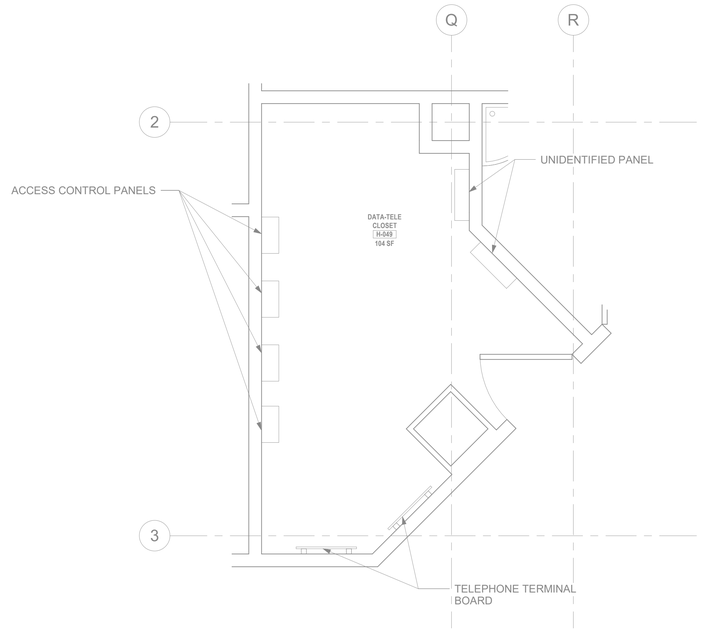
07/11/2025 10:21:16 am

VA FORM 08 - 6231



1 RM H-049 - DEMOLITION FLOOR PLAN
015HET100 1/2" = 1'-0"



2 RM H-049 - TELECOMMUNICATIONS PLAN
015HET100 1/2" = 1'-0"

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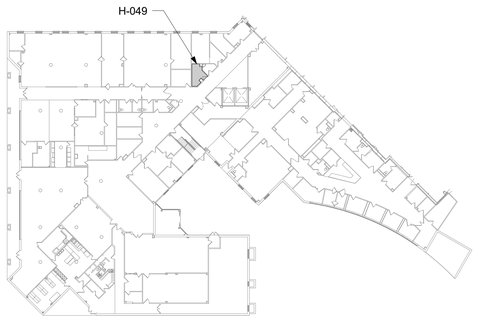
KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SDB SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 015H - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 015H
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 015HET400
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

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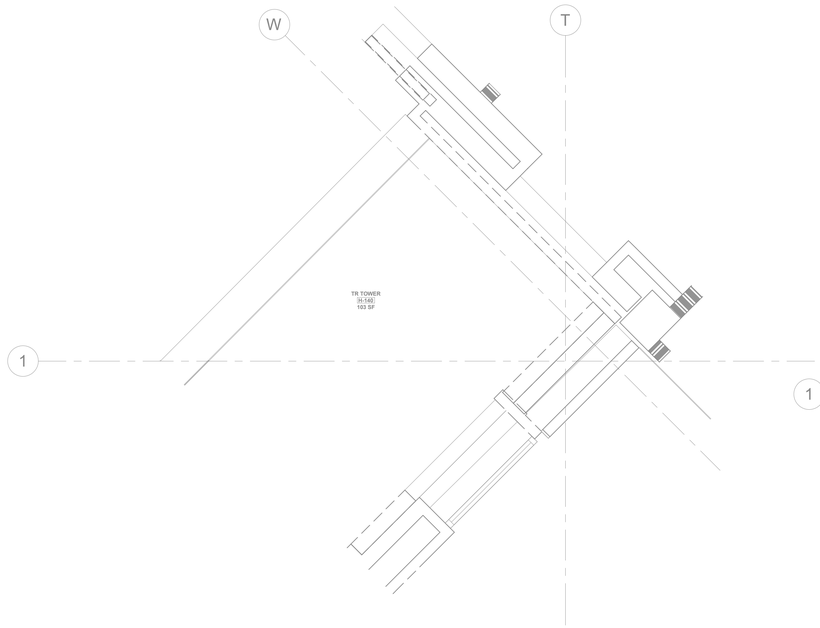
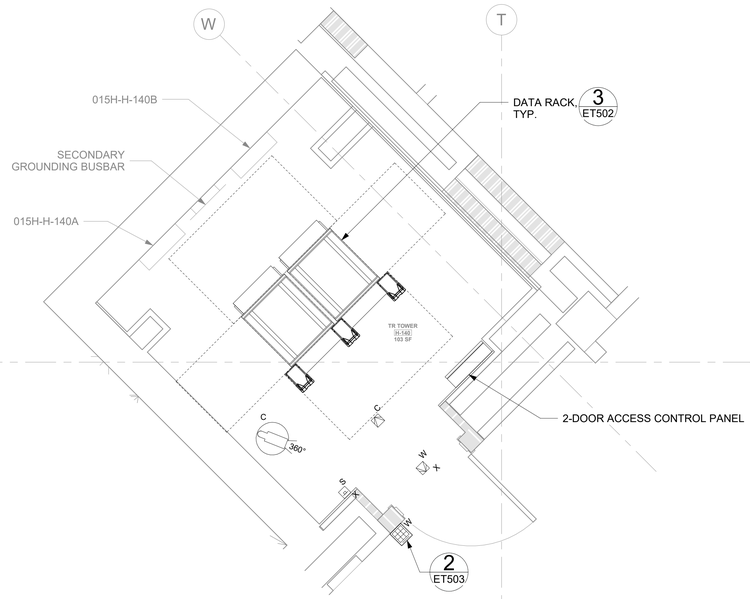
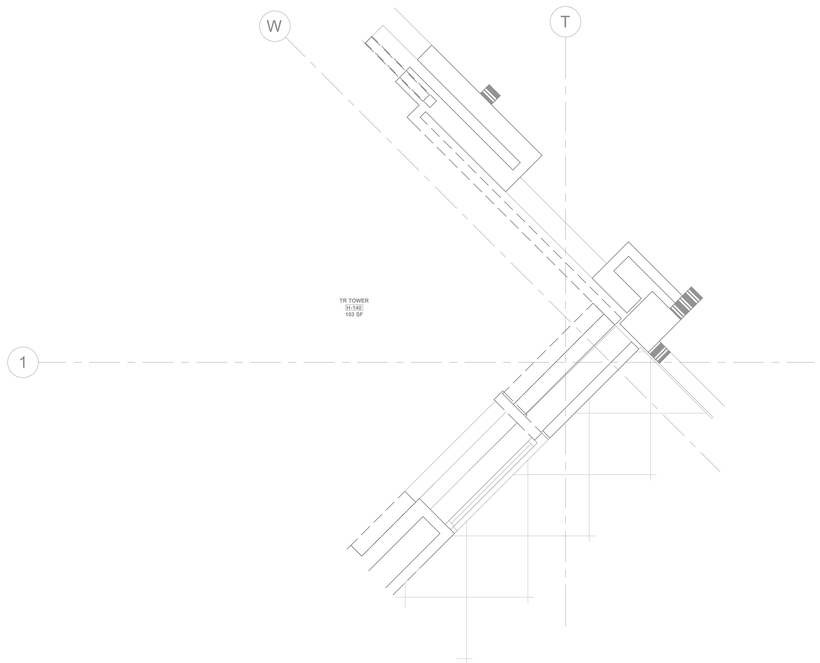


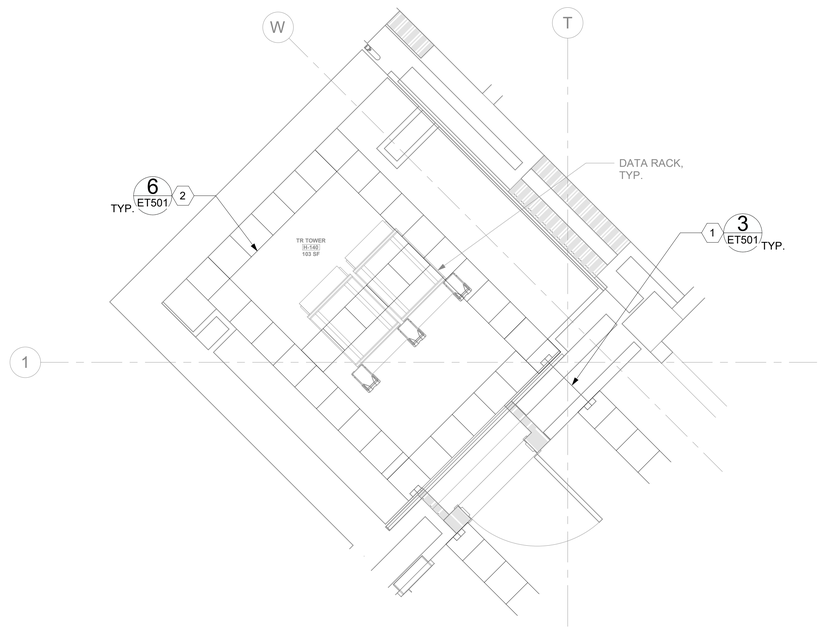
1 RM H-140 - DEMOLITION FLOOR PLAN
015HET101 1/2" = 1'-0"



2 RM H-140 - TELECOMMUNICATIONS PLAN
015HET101 1/2" = 1'-0"



3 RM H-140 - DEMOLITION OVERHEAD PLAN
015HET101 1/2" = 1'-0"



4 RM H-140 - OVERHEAD PLAN
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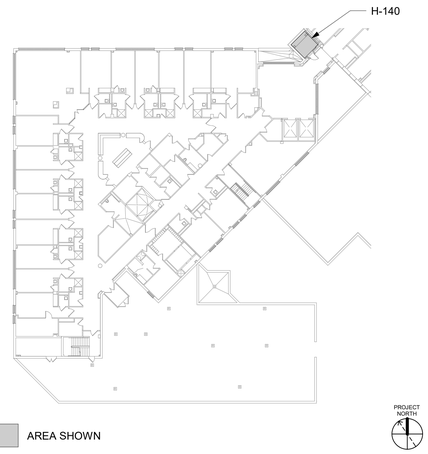
KEY NOTES

1. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY ATLEAST 10-FT.
2. WIRE BASKET CABLE TRAY.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

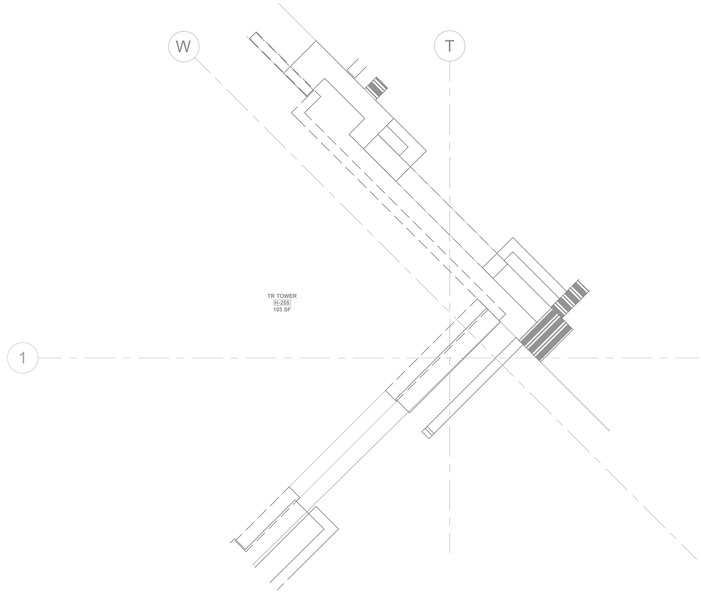
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

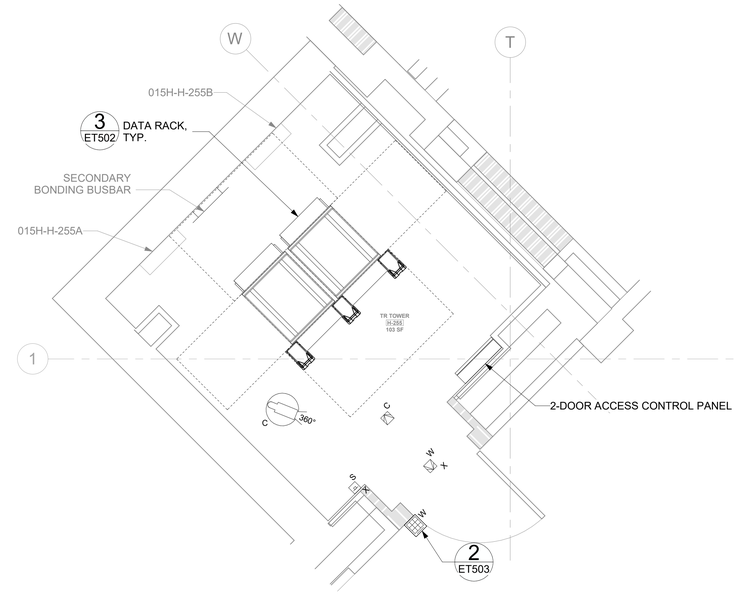
Drawing Title	Phase	Project Title	Project Number
BLDG 015H - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 015H
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 015HET401
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_15H_EL_S2B.rvt
07/11/2025 4:52:25 am

VA FORM 08 - 6231



1 015HET102 RM H-255 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 015HET102 RM H-255 - TELECOMMUNICATIONS PLAN
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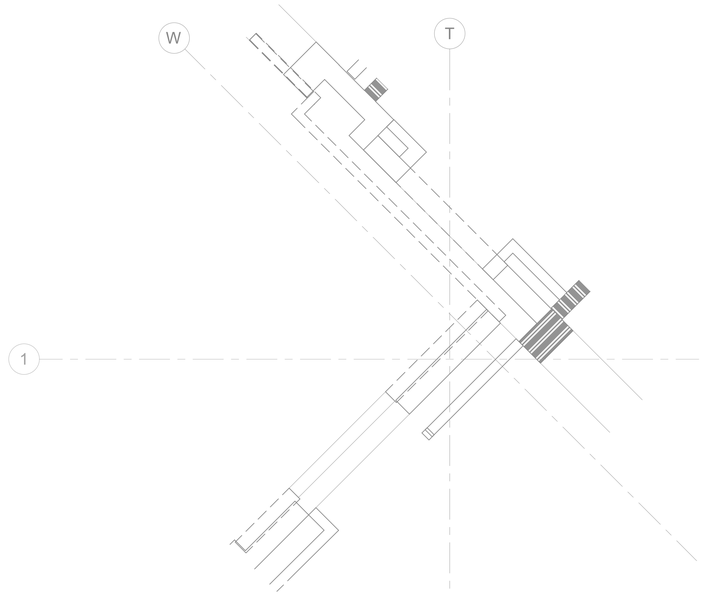

3 015HET102 RM H-255 - DEMOLITION OVERHEAD PLAN
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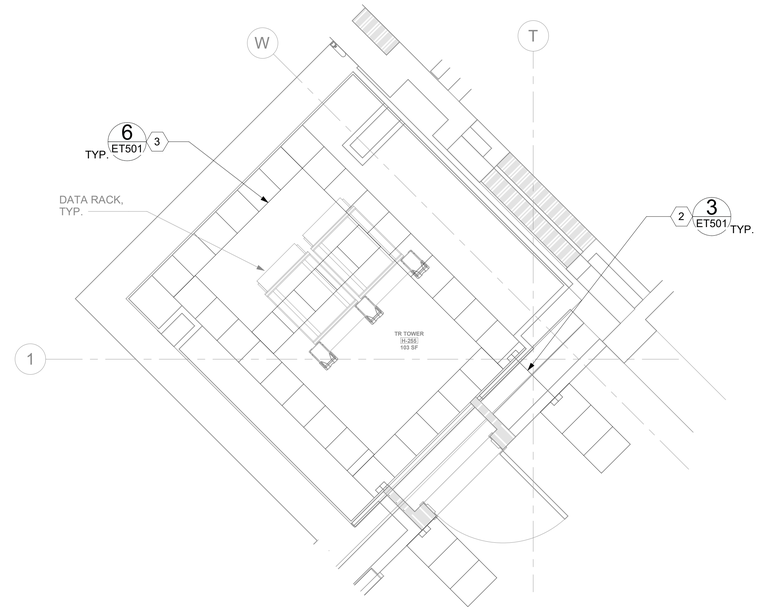

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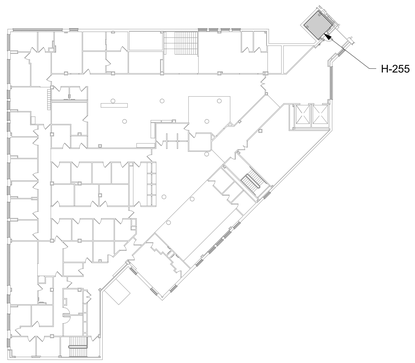
KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 015H - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 015H
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 015HET402a
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

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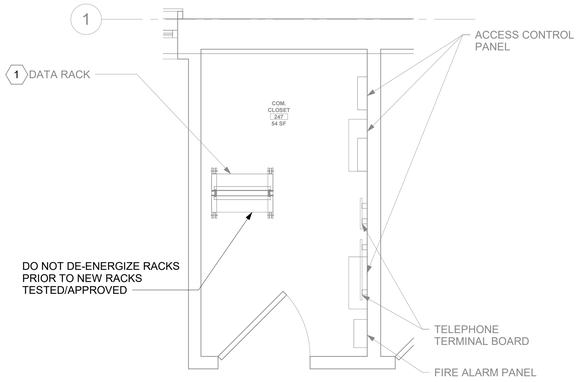
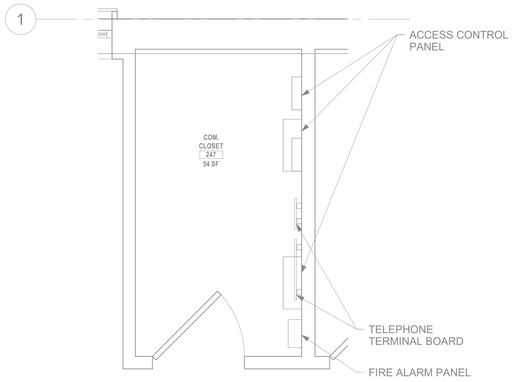
VA FORM 08 - 6231



1 - RM 247 - DEMOLITION FLOOR PLAN

1/2" = 1'-0"



2 - RM 247 - TELECOMMUNICATIONS PLAN

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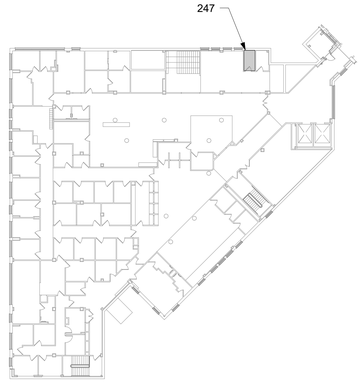
KEY NOTES

1. EXISTING DATA RACK AND ASSOCIATED EQUIPMENT TO BE SALVAGED TO VA. ALL ASSOCIATED DATA CABLING TO BE DEMOLISHED BACK TO SOURCE. DO NOT DE-ENERGIZERACKS PRIOR TO NEW RACKS TESTED/APPROVED.

KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SDB SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 015H - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Project Number	620A4-22-700
Building Number	015H
Location	VA HUDSON VALLEY MEDICAL CENTER 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Drawing Number	015HET402b
Issue Date	11/07/2025
Checked	KG
Drawn	RTS/JNV

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07/11/2025 4:51:55 am

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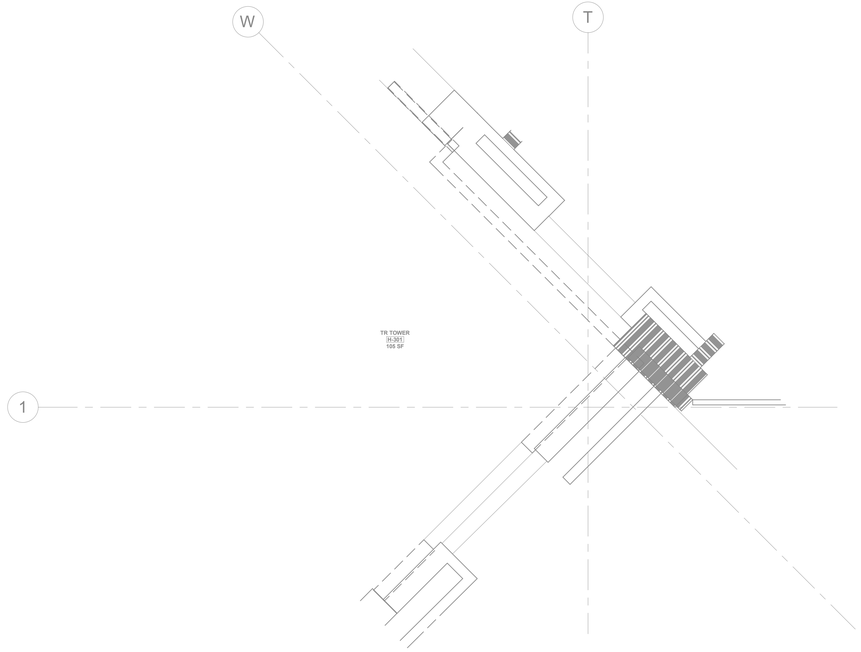
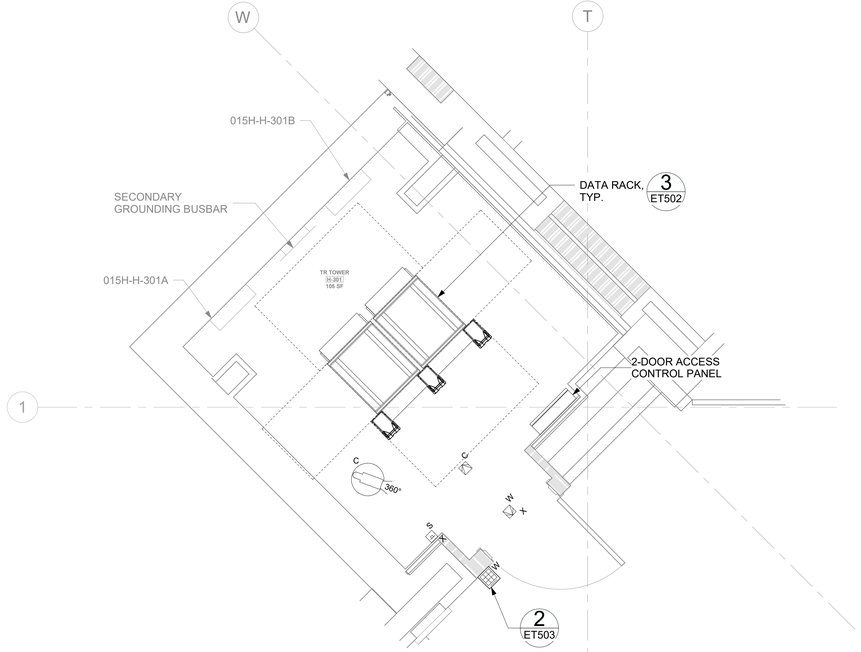
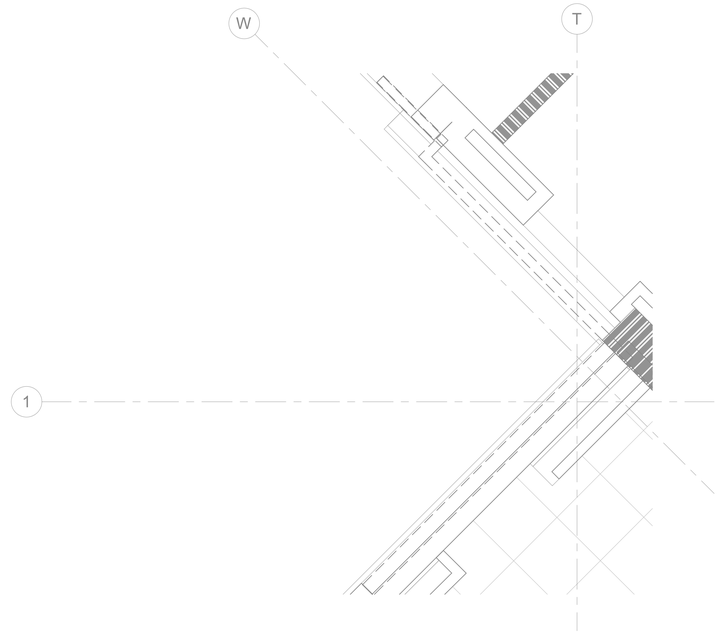


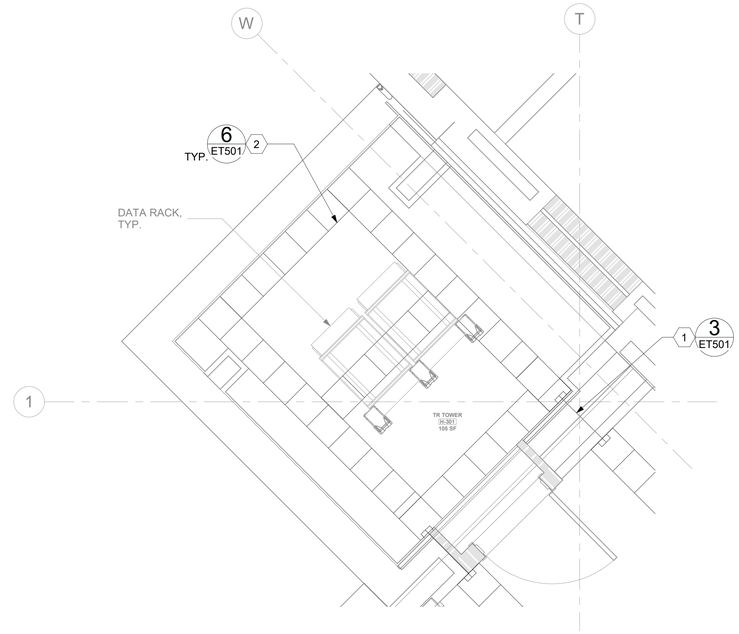
1 RM H-301 - DEMOLITION FLOOR PLAN
015HET103 1/2" = 1'-0"



2 RM H-301 - TELECOMMUNICATIONS PLAN
015HET103 1/2" = 1'-0"



3 RM H-301 - DEMOLITION OVERHEAD PLAN
015HET103 1/2" = 1'-0"



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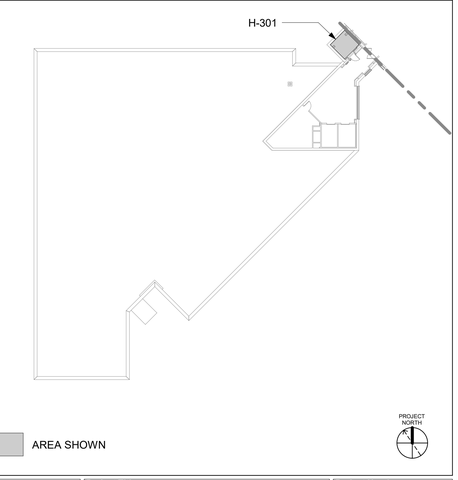

Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title: BLDG 015H - LEVEL 03 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 015H
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 015HET403
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

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EHRM Infrastructure upgrades - Castle Point
07/11/2025 4:53:01 am
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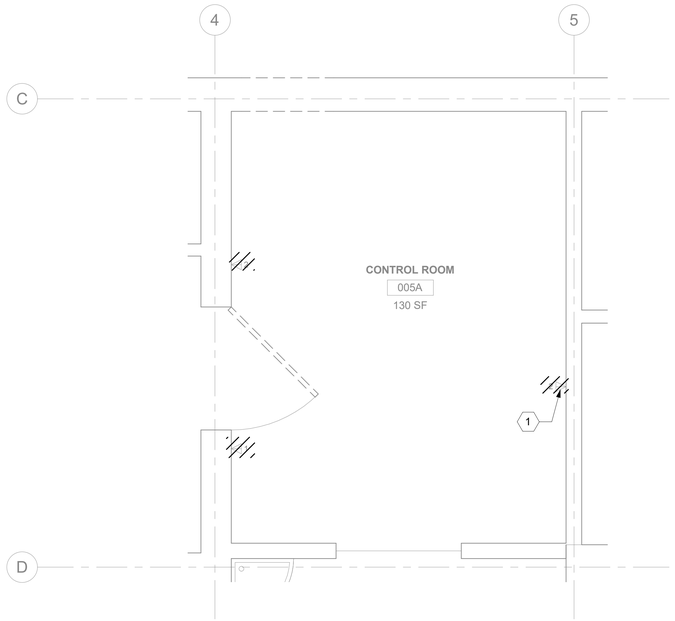
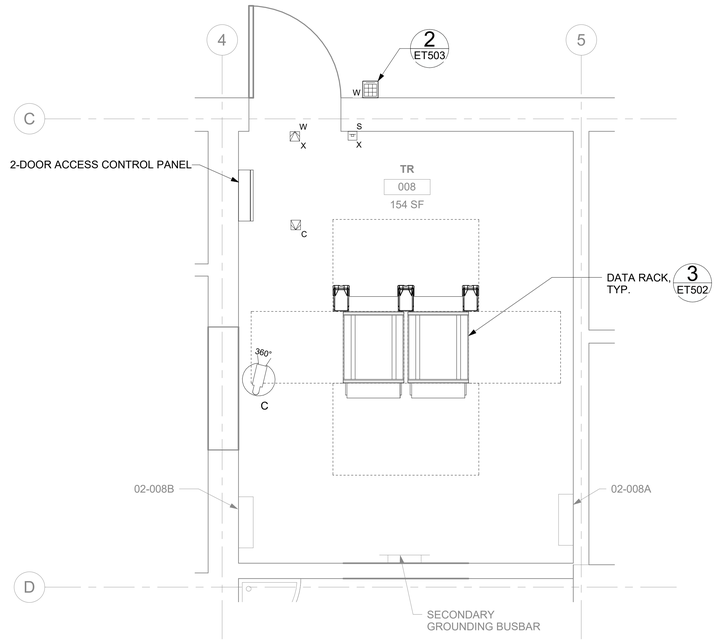
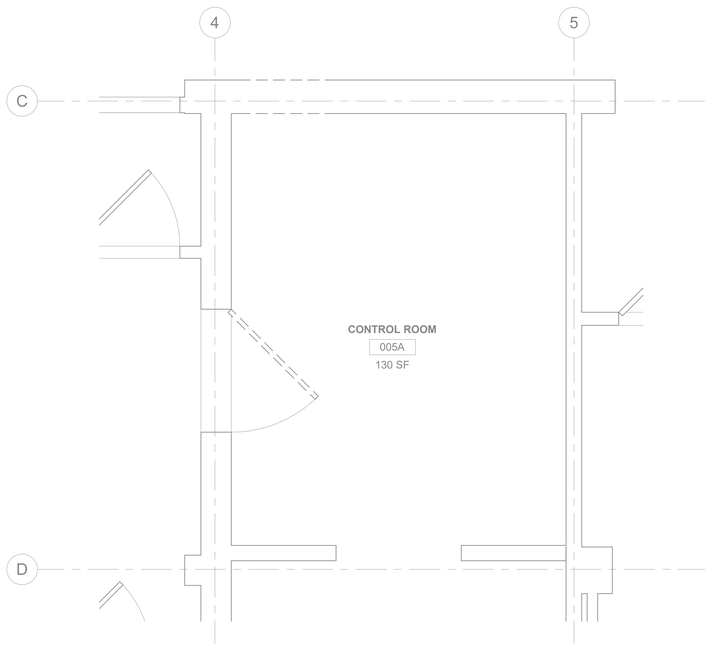
VA FORM 08 - 6231



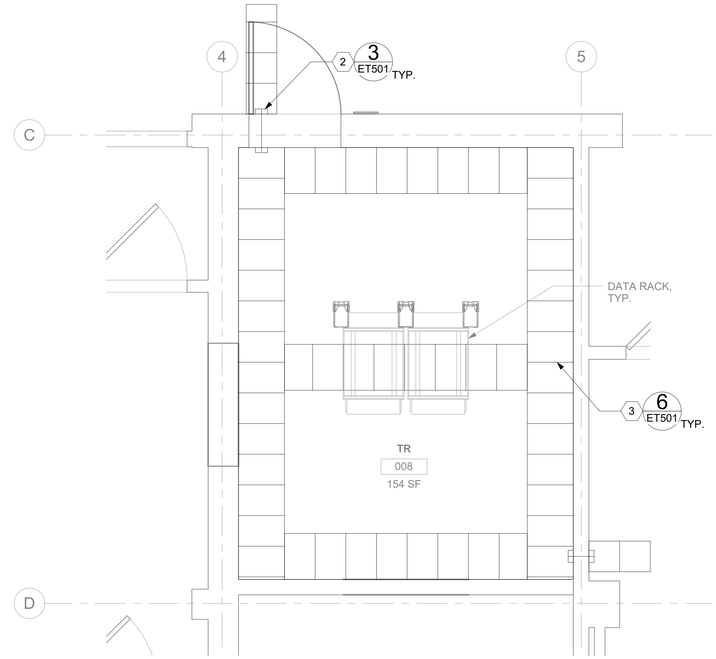
1 016ET100 RM 008 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 016ET100 RM 008 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 016EP100 RM 008 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



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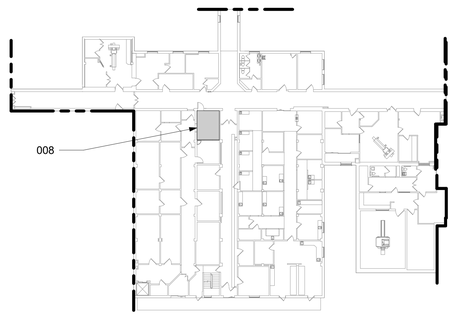

AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
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BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title	Phase	Project Title	Project Number
BLDG 016 - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 016
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 016ET400
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

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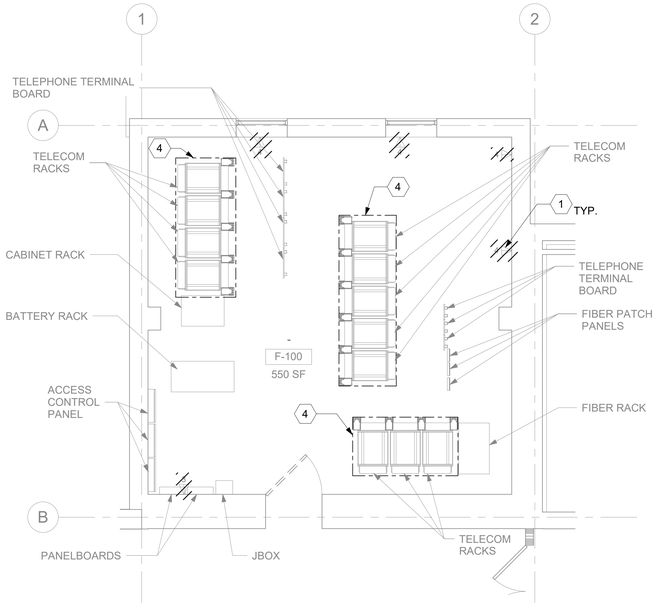
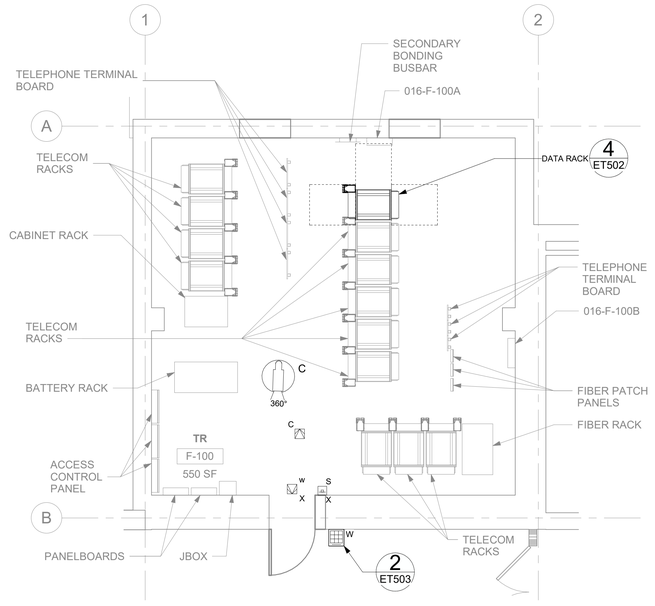
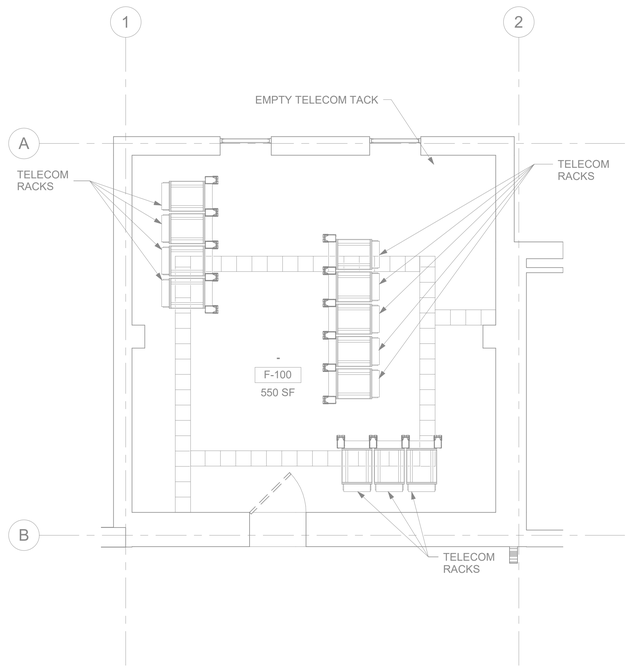
VA FORM 08 - 6231



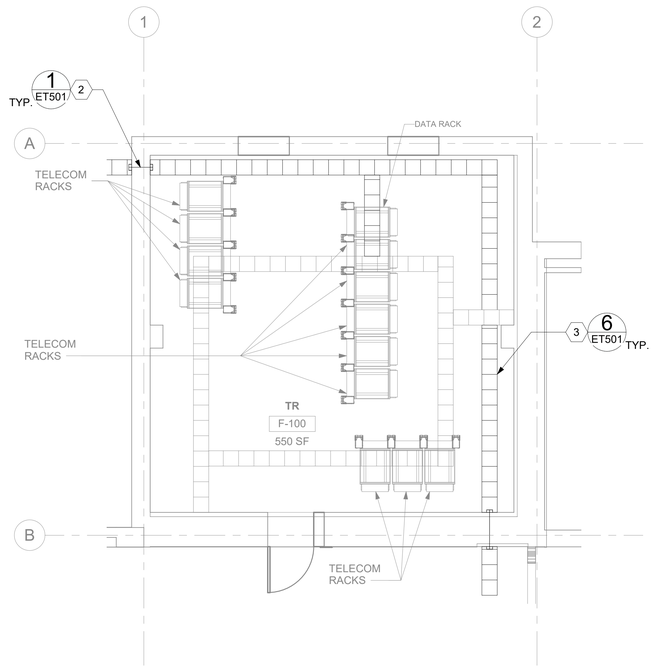
1 016ET101 RM 100 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 016ET101 RM F-100 - TELECOMMUNICATIONS PLAN
1/4" = 1'-0"



3 016ET101 RM 100 - OVERHEAD DEMOLITION PLAN
1/4" = 1'-0"



4 016ET101 RM F-100 - OVERHEAD PLAN
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3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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.
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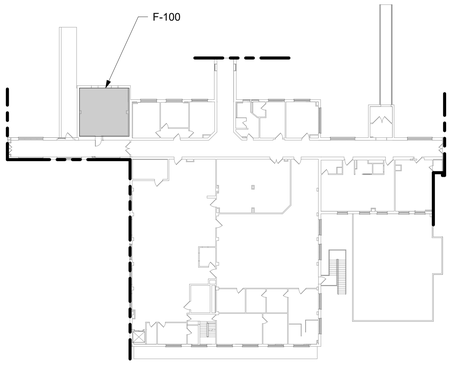
12. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY ATLEAST 10-FT.
3. WIRE BASKET CABLE TRAY.
4. SERVER CABINETS AND RACKS TO BE DECOMMISSIONED BY OIT AT A LATER DATE. CONTRACTOR TO COORDINATE WITH THE VA FOR CAT6A RE-CABLING TO ENSURE NO SERVICE DISRUPTIONS.

KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title: BLDG 016 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: KG
Drawn: RTS/JNV
Project Number: 620A4-22-700
Building Number: 016
Drawing Number: 016ET401

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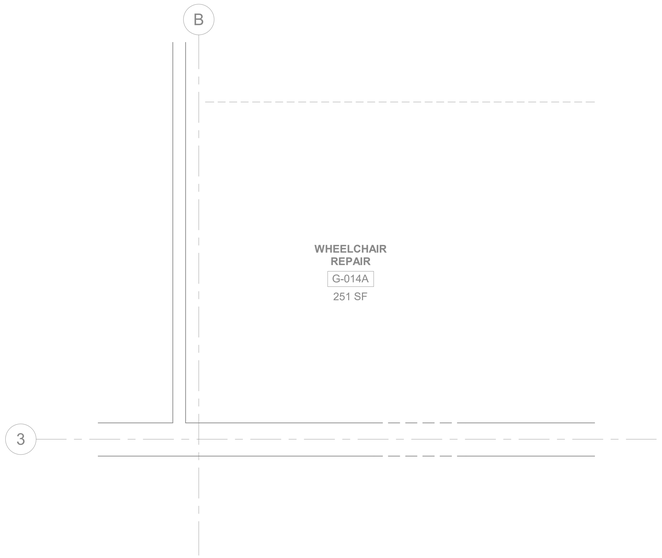
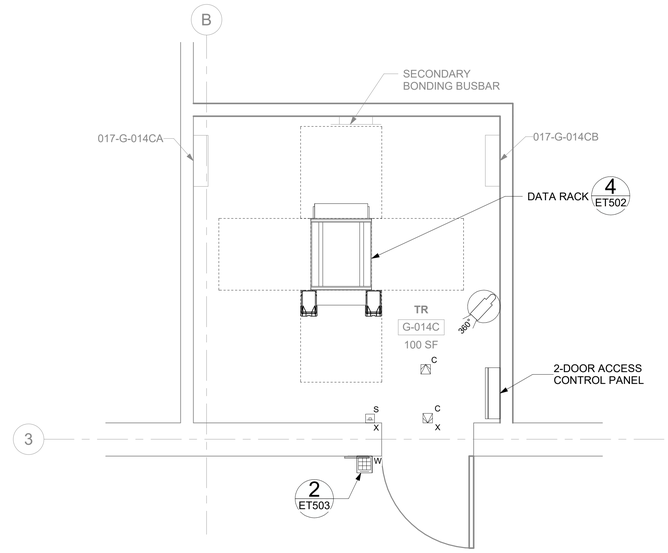
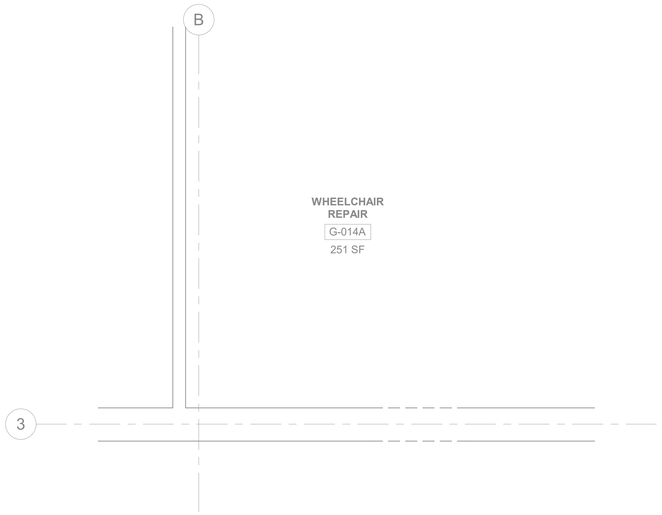
VA FORM 08 - 6231



1 017ET100 RM G-014C - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 017ET100 RM G-014C - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 017ET100 RM G-014C - DEMOLITION OVERHEAD PLAN
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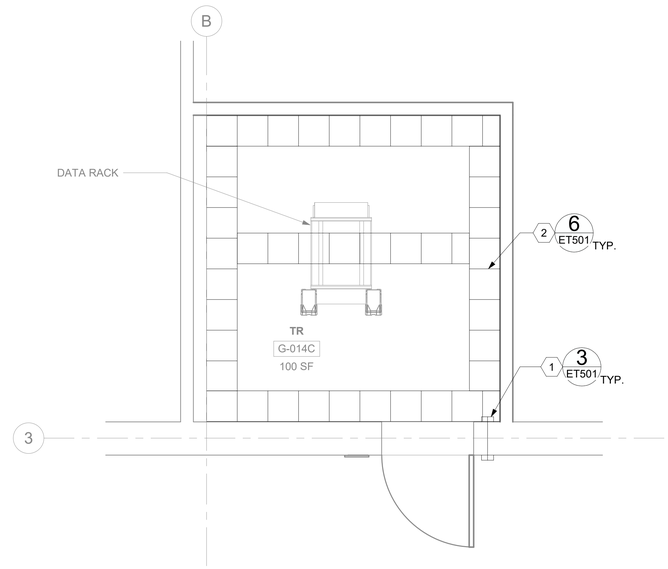

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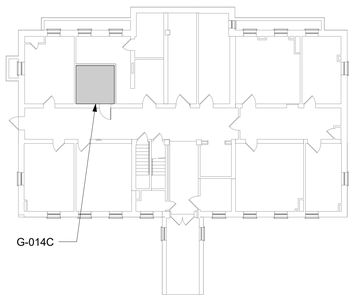
KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 017 - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 017
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 017ET400
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

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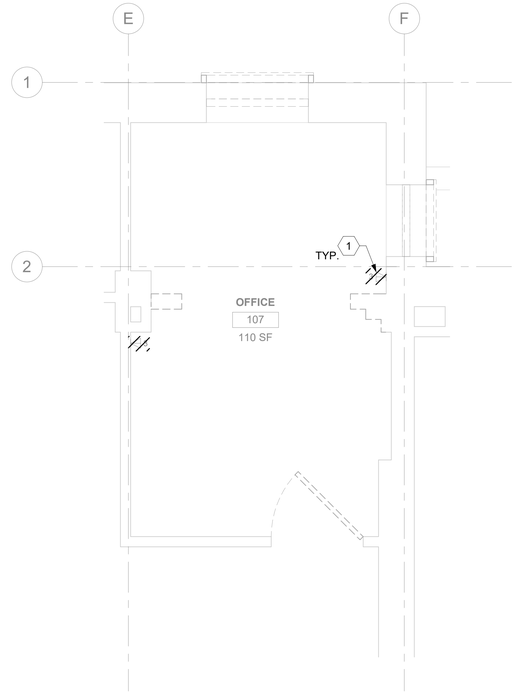
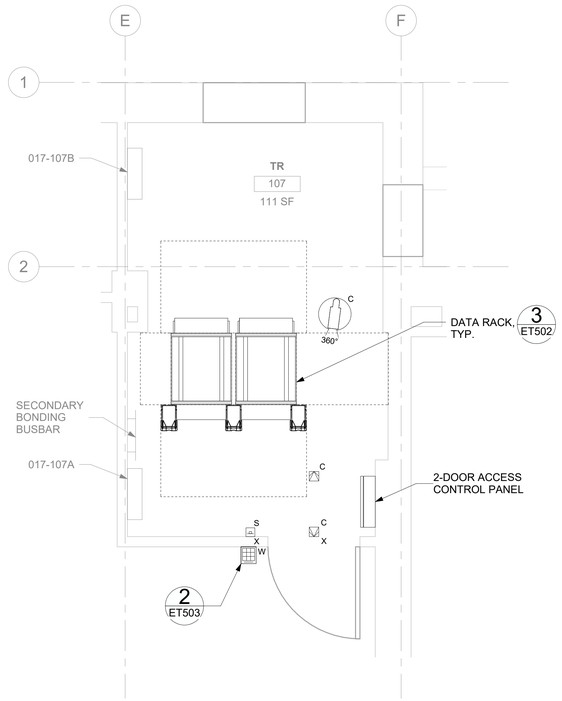


1 017ET101 RM 107 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 017ET101 RM 107 - TELECOMMUNICATIONS PLAN
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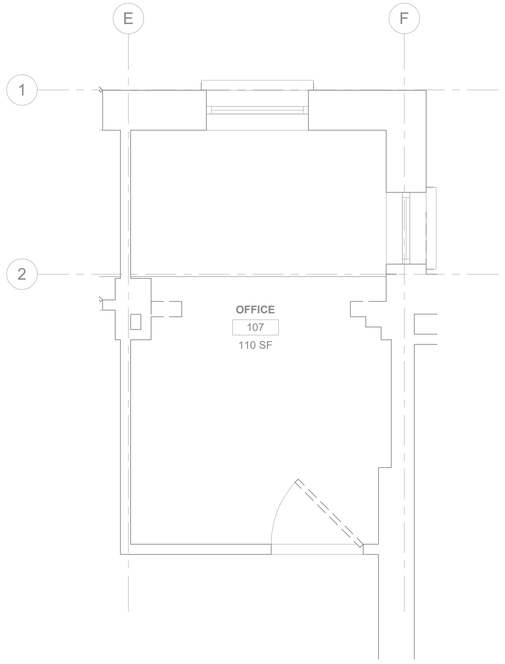

3 017ET101 RM 107 - DEMOLITION OVERHEAD PLAN
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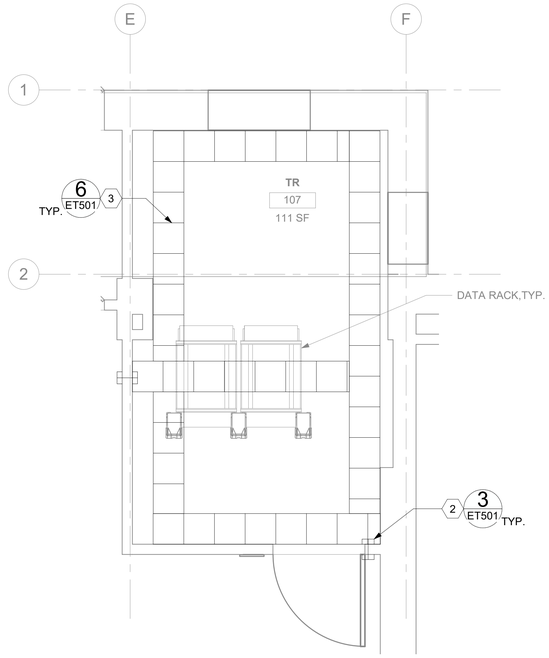

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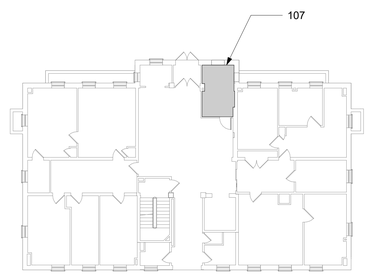

AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 017 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 017
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 017ET401
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EHRM Infrastructure upgrades - Castle Point/VACP_17_EL_SDB.rvt
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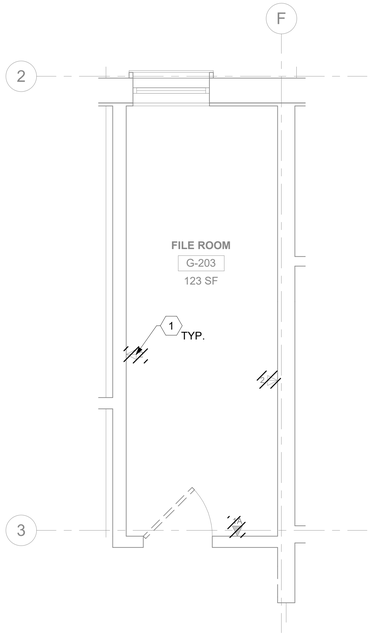
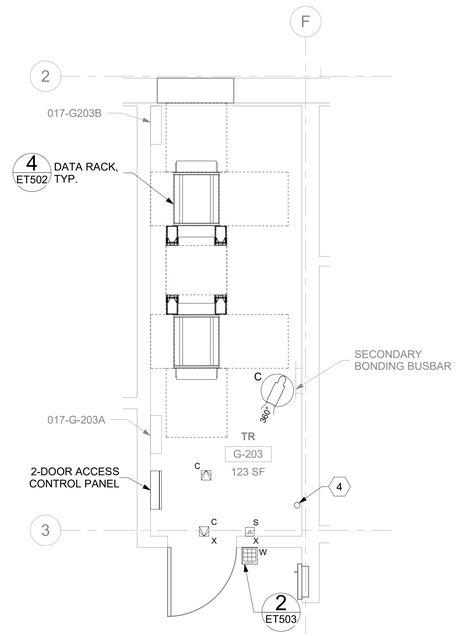
VA FORM 08 - 6231



1 017ET102 RM G-203 - DEMOLITION FLOOR PLAN
3/8" = 1'-0"



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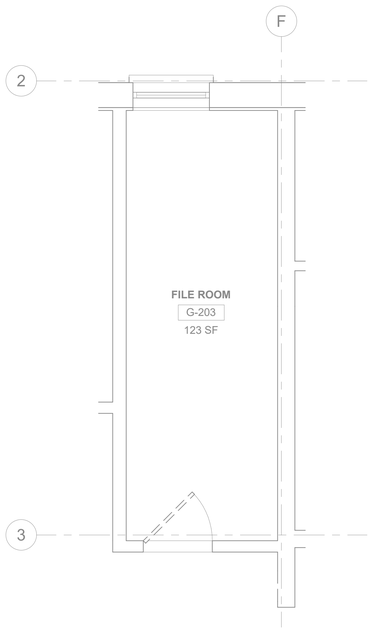

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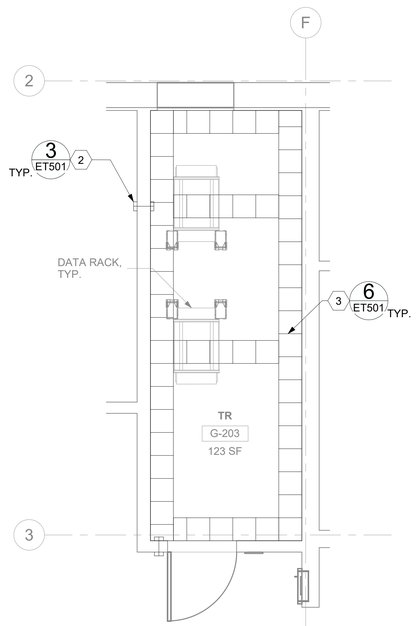

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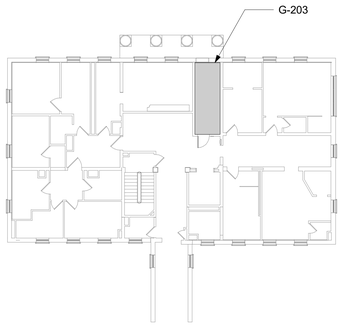
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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 BASED ON AS-BUILT DRAWINGS.
11. 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.
12. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
4. WIRE BASKET CABLE TRAY.
5. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING DOWN TO LEVEL 01. PROVIDE LADDER RACK AS REQUIRED FROM HORIZONTAL CABLE TRAY TO FIRE STOP SLEEVE.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

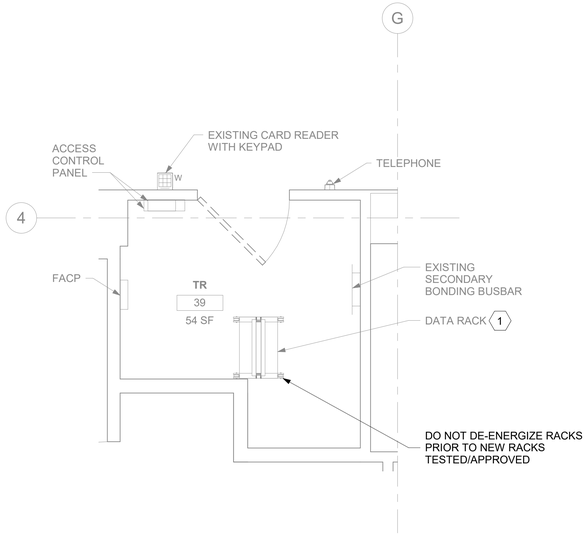
STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title	Phase	Project Title	Project Number
BLDG 017 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 017
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 017ET402
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV
EHRM Infrastructure upgrades - Castle Point
11/7/2025 1:02:41 PM
Point/VACP_17_EL_SDB.rvt

VA FORM 08 - 6231

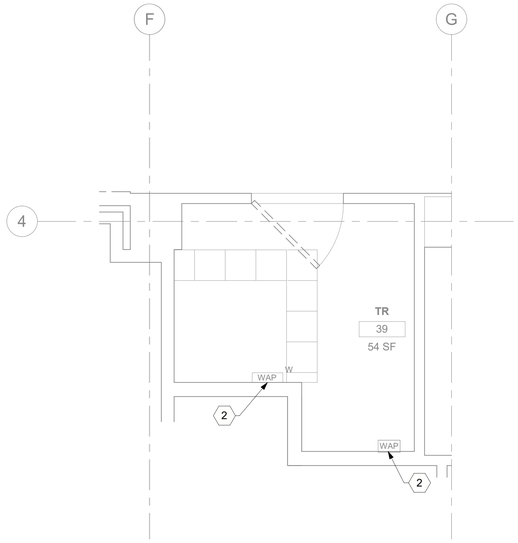


1 RM 39 - DEMOLITION FLOOR PLAN
018ET100 1/2" = 1'-0"

0 1' 2' 4'

PROJECT NORTH

2 NOT USED
018ET100 NTS



3 RM 39 - DEMOLITION OVERHEAD PLAN
018ET100 1/2" = 1'-0"

0 1' 2' 4'

PROJECT NORTH

4 NOT USED
018ET100 NTS

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, AND FINISHES 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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
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7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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.
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KEY NOTES

1. EXISTING DATA RACK AND ASSOCIATED EQUIPMENT TO REMAIN. WAO SERVED BY THIS TR IS TO NOT BE RE-CABLED.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN

AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
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REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

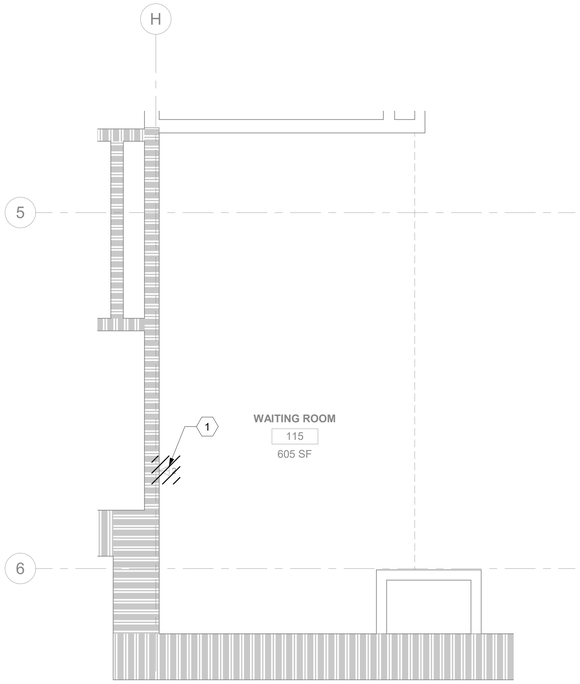
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

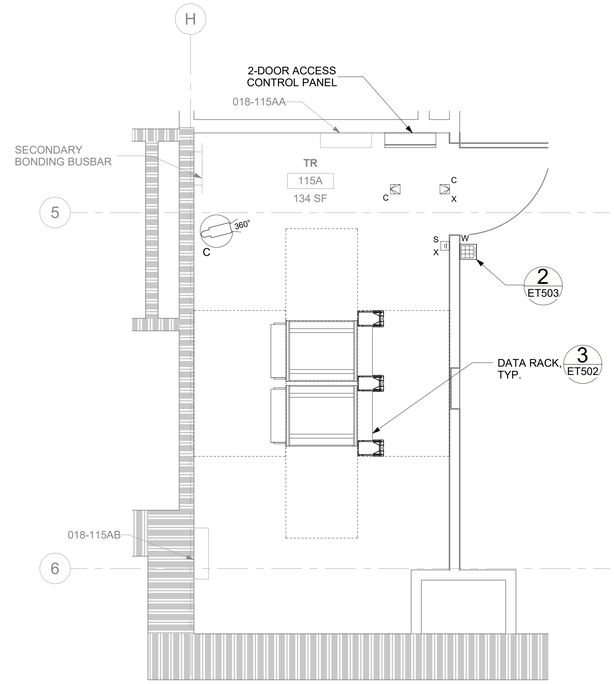
Drawing Title	Phase	Project Title	Project Number
BLDG 018 - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 018
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 018ET400
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_18_EL_SDB.rvt
07/11/2025 10:53:46 am

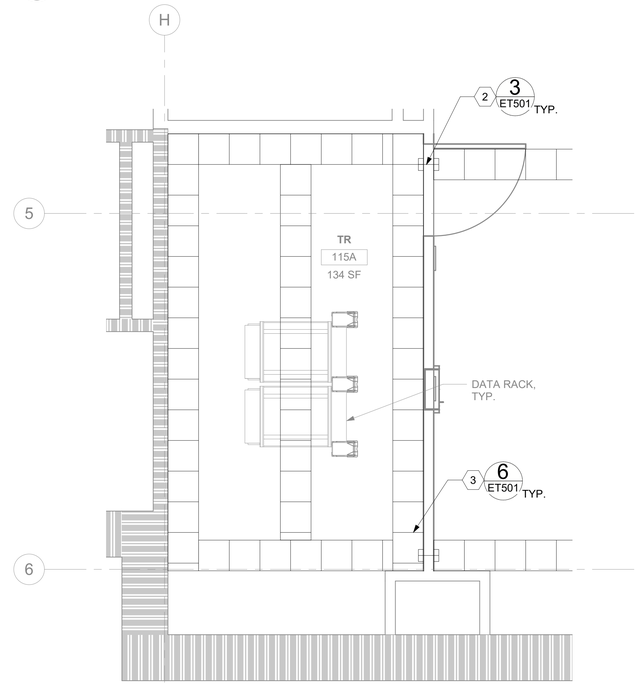
VA FORM 08 - 6231



1 018ET101 RM 115A - DEMOLITION TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



2 018ET101 RM 115A - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 018ET101 NOT USED
NTS

4 018ET101 RM 115A - OVERHEAD PLAN
1/2" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
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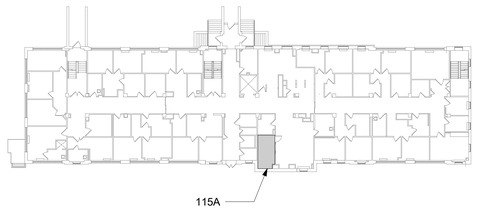
1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

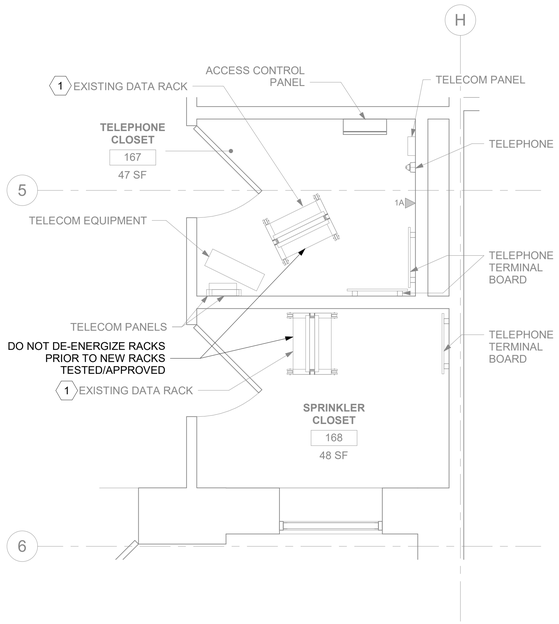
STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title: BLDG 018 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: KG
Drawn: RTS/JNV
Project Number: 620A4-22-700
Building Number: 018
Drawing Number: 018ET401a

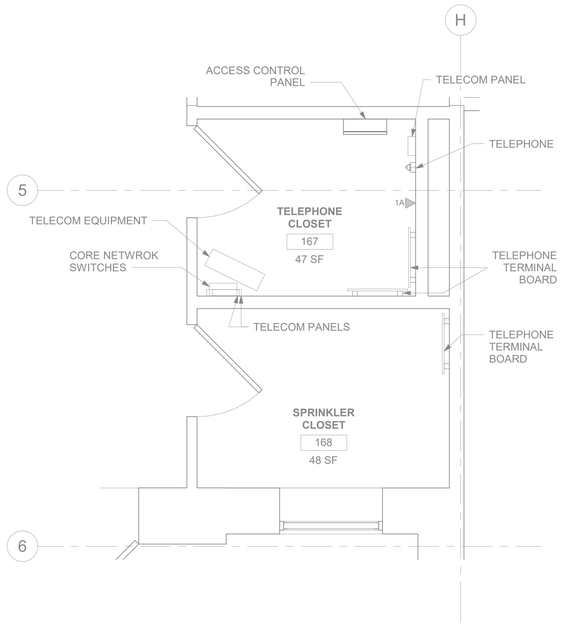
BIM 360://620A4-22-700 VAHV EHRM infrastructure upgrades - Castle Point/VACP_18_EL_SDB.rvt
07/11/2025 10:53:33 am

VA FORM 08 - 6231



1 018ET101 RM 167&168 - DEMOLITION FLOOR PLAN

1/2" = 1'-0"



2 018ET101 RM 167&168 - TELECOMMUNICATIONS PLAN

1/2" = 1'-0"

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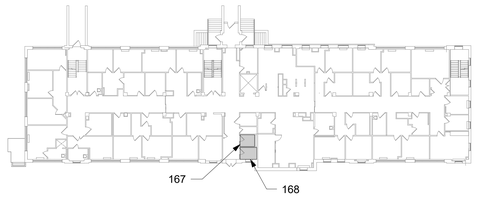
KEY NOTES

1. EXISTING DATA RACKS AND ASSOCIATED EQUIPMENT TO BE SALVAGED TO VA. ALL ASSOCIATED DATA CABLING TO BE DEMOLISHED BACK TO SOURCE. DO NOT DE-ENERGIZE RACKS PRIOR TO NEW RACKS TESTED/APPROVED.

KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

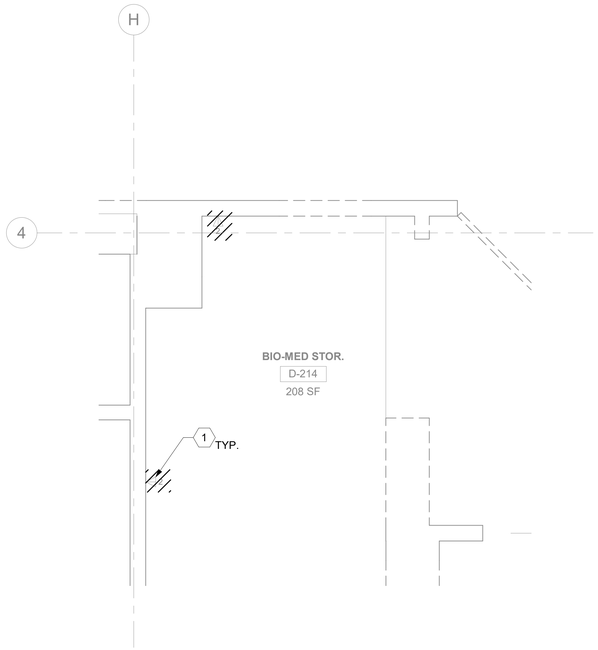
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 018 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 018
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: 018ET401b

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_18_EL_SDB.rvt

11/7/2025 12:59:53 PM

VA FORM 08 - 6231



1 RM D-214 - DEMOLITION PLAN
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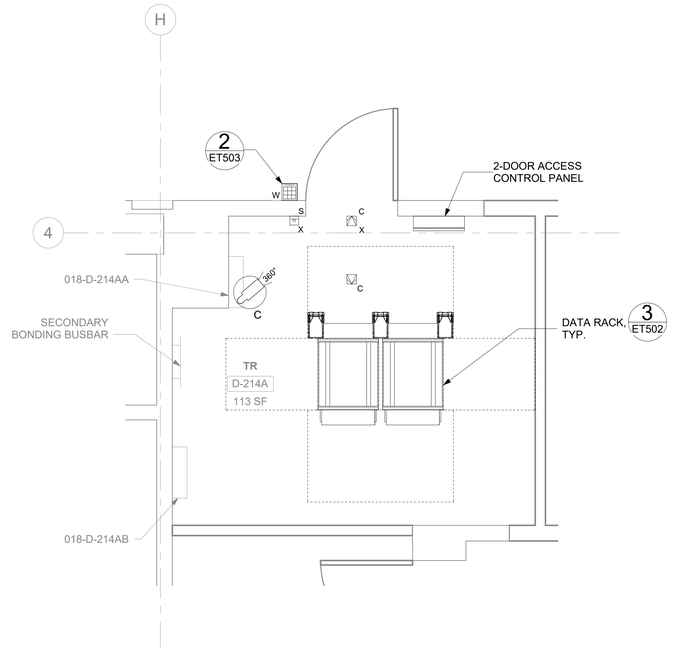
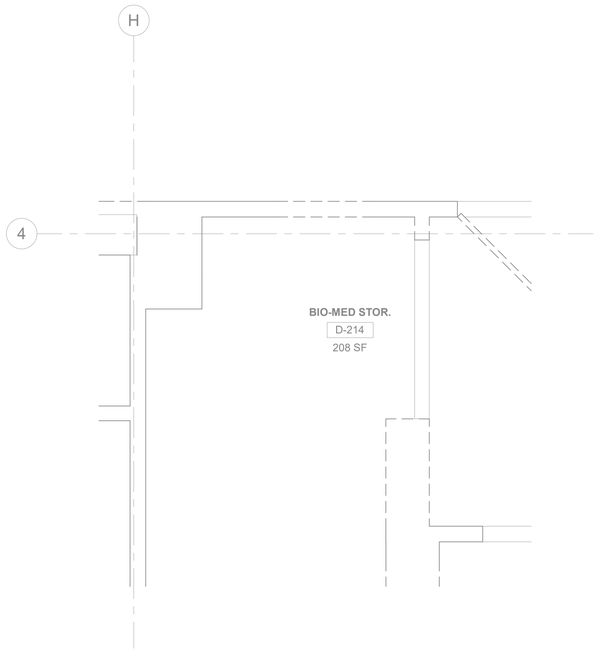
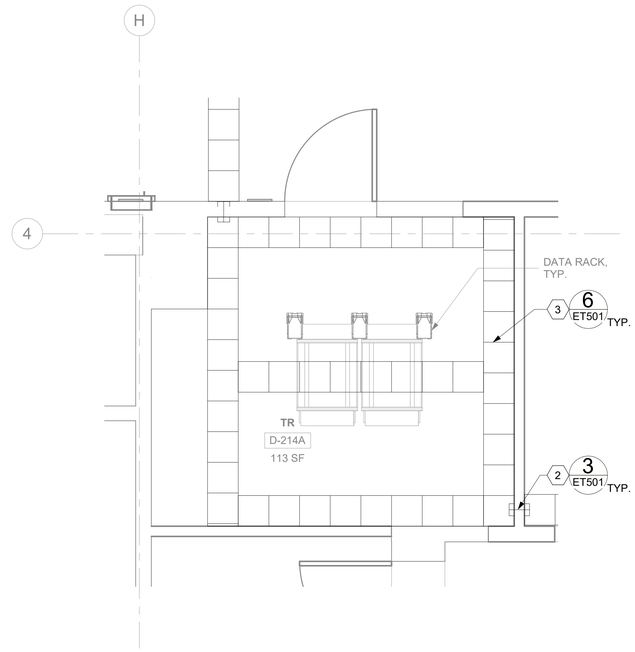


2 RM D-214A - TELECOMMUNICATIONS PLAN
018ET102 1/2" = 1'-0"



3 RM D-214 - DEMOLITION OVERHEAD PLAN
018ET102 1/2" = 1'-0"



4 RM D-214A - OVERHEAD PLAN
018ET102 1/2" = 1'-0"

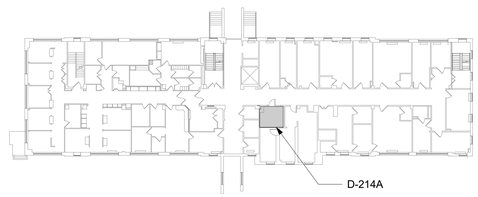
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, AND FINISHES 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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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 BASED ON AS-BUILT DRAWINGS.
11. 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.
12. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

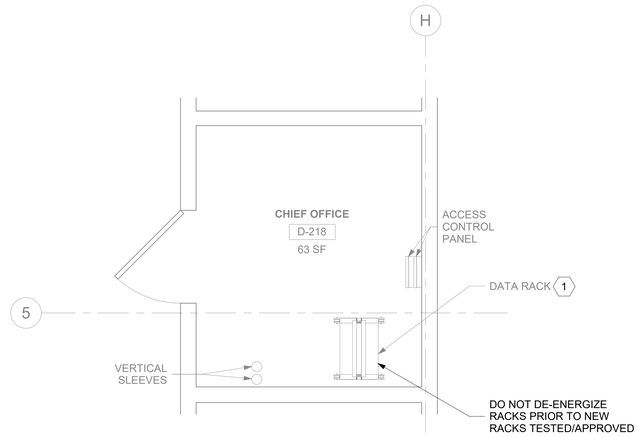
STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title: BLDG 018 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 018
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 018ET402a
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

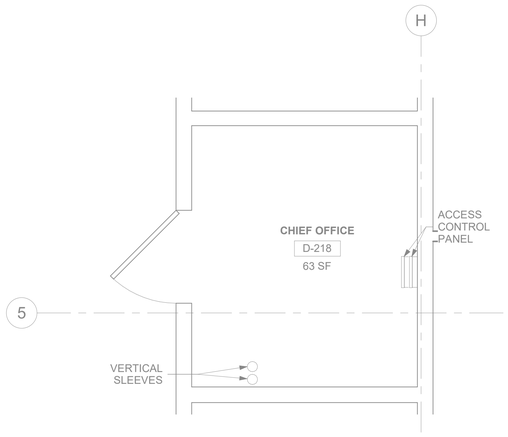
BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_18_EL_SDB.rvt
07/11/2025 10:53:27 am

VA FORM 08 - 6231



1 018ET102 RM 218 - DEMOLITION FLOOR PLAN

1/2" = 1'-0"



2 018ET102 RM 218 - TELECOMMUNICATIONS PLAN

1/2" = 1'-0"

GENERAL NOTES

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KEY NOTES

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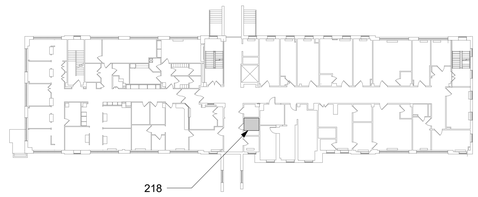
KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
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STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 018 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 018
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 018ET402b
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_18_EL_SDB.rvt

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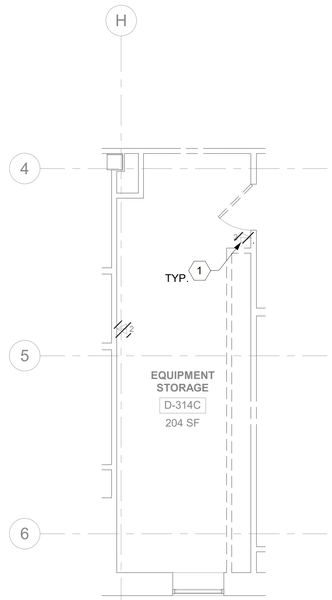
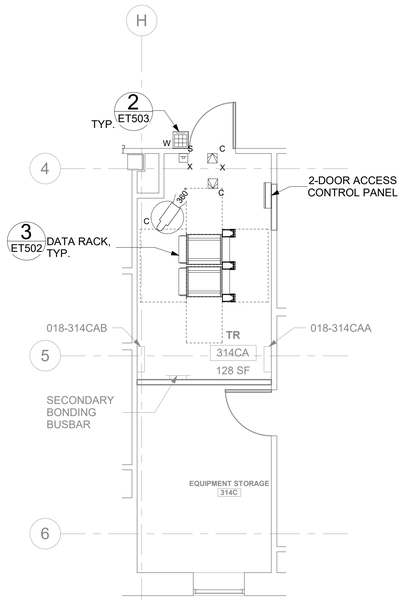
VA FORM 08 - 6231

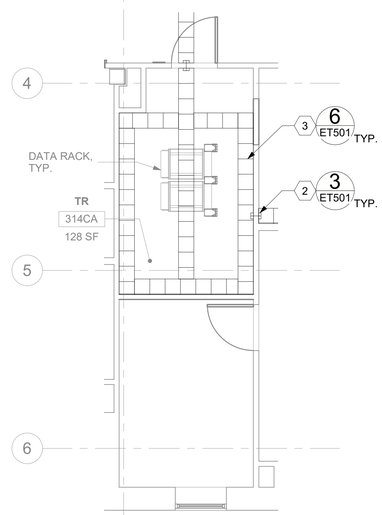


1 018ET103 RM 314C - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 018ET103 RM 314CA - TELECOMMUNICATIONS PLAN
1/4" = 1'-0"

3 018ET103 NOT USED
NTS



4 018ET103 RM 314CA - OVERHEAD PLAN
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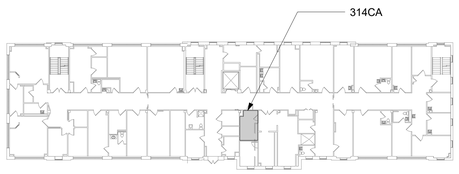
KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
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BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title: BLDG 018 - LEVEL 03 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: KG
Drawn: RTS/JNV
Project Number: 620A4-22-700
Building Number: 018
Drawing Number: 018ET403

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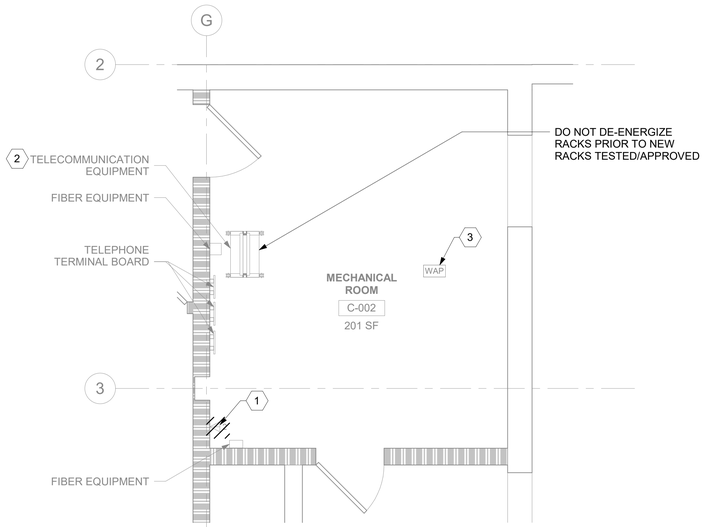
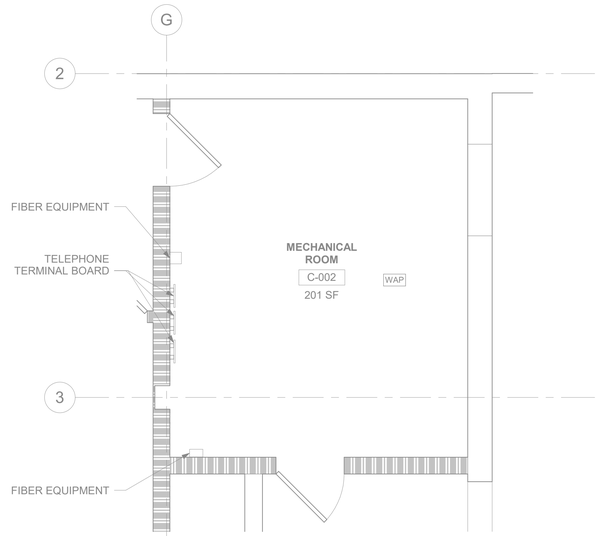
07/11/2025 10:53:40 am

VA FORM 08 - 6231



1 019ET100 RM C-002 - DEMOLITION FLOOR PLAN
3/8" = 1'-0"



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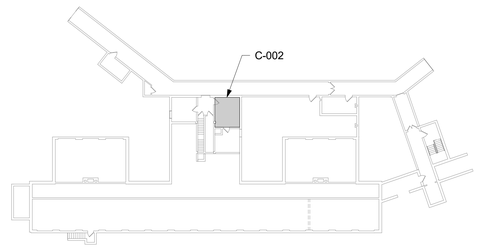
3. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



AREA SHOWN

PROJECT NORTH

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ARCHITECT/ENGINEER OF RECORD

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SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

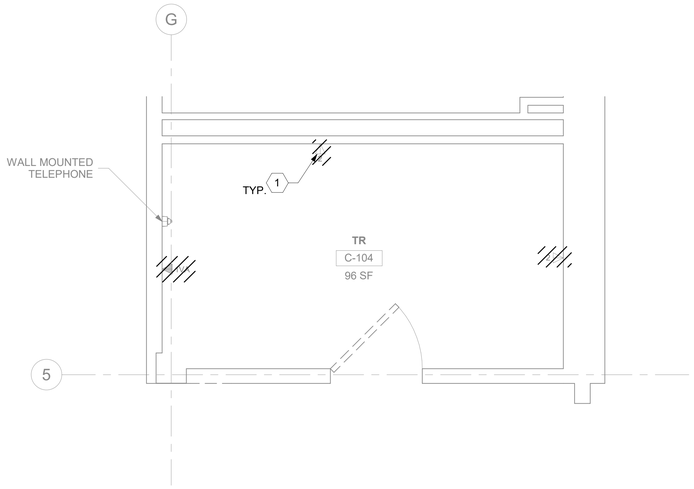
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

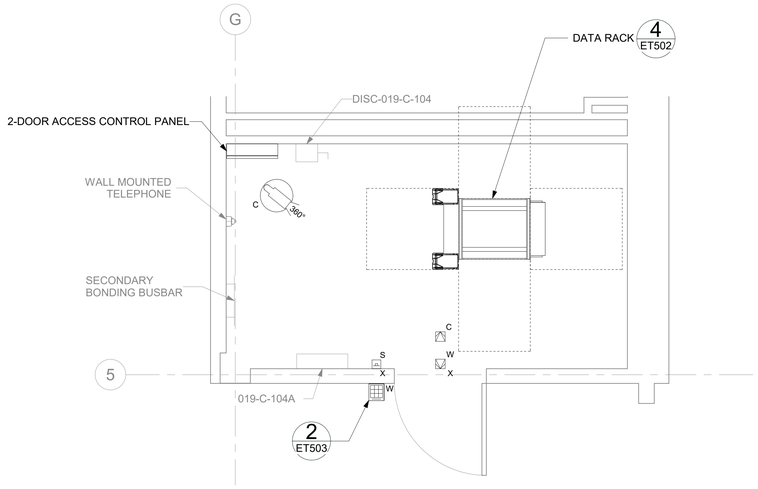
Drawing Title	Phase	Project Title	Project Number
BLDG 019 - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 019
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: 019ET400

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_19_EL_SDB.rvt
07/11/2025 5:16:58 am

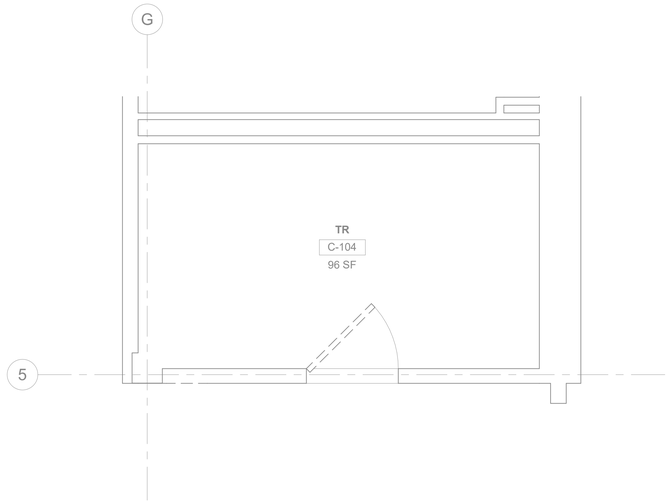
VA FORM 08 - 6231



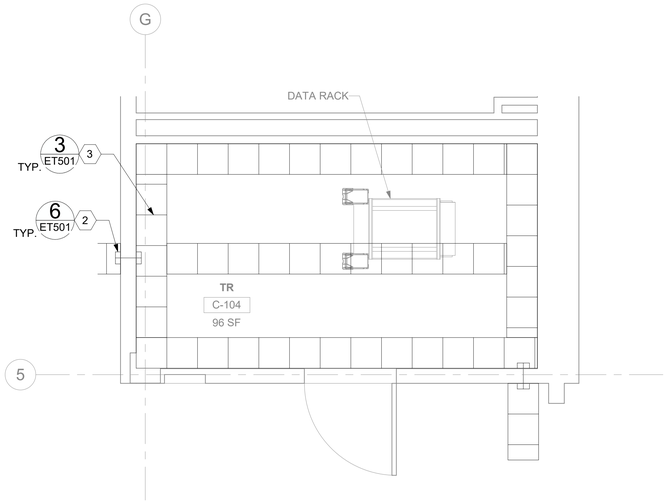
1 019ET101 RM C-104 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 019ET101 RM C-104 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 019ET101 RM C-104 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 019ET101 RM C-104 - OVERHEAD PLAN
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GENERAL NOTES

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3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
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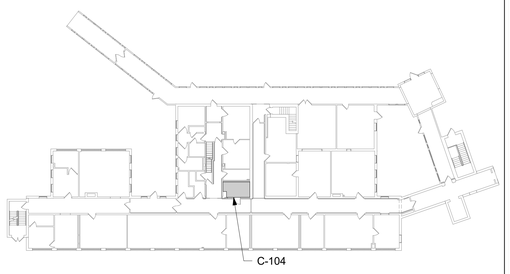
KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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Drawing Title: BLDG 019 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 019
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 019ET401
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360/I620A4-22-700 VAHV
EHRM Infrastructure upgrades - Castle Point
07/11/2025 5:16:27 am
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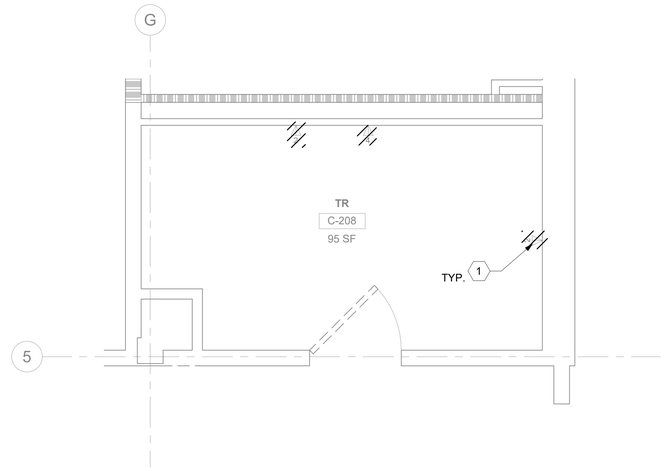
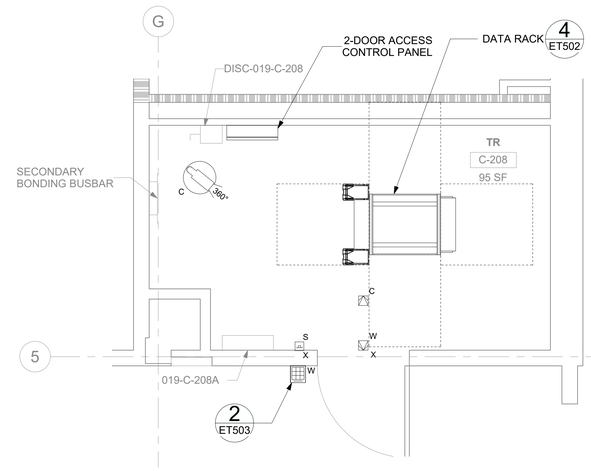
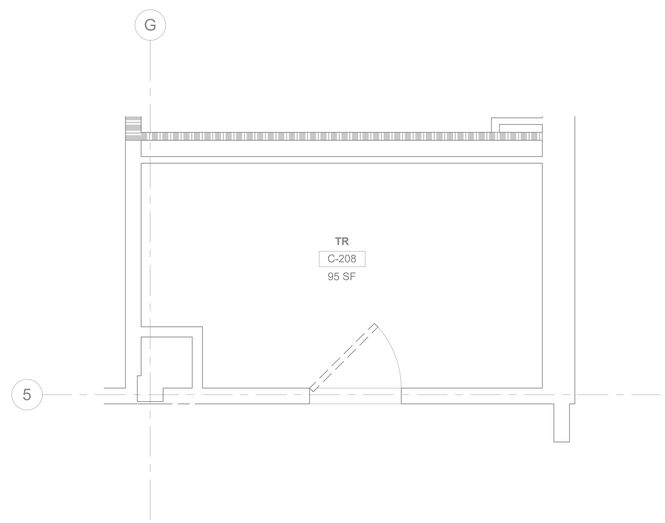
VA FORM 08 - 6231



1 019ET102 RM C-208 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 019ET102 RM C-208 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 019ET102 RM C-208 - DEMOLITION OVERHEAD PLAN
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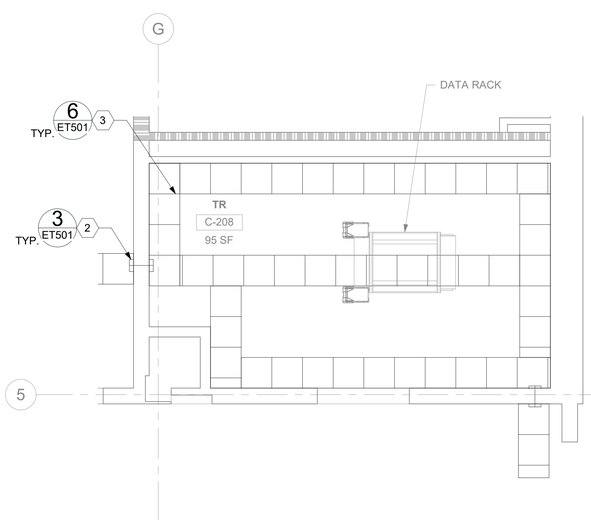

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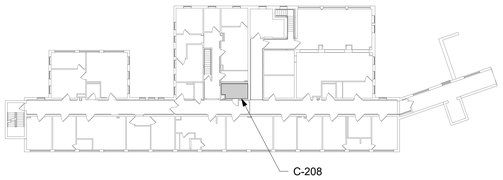

AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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EXPIRES 12-31-27
RCDD

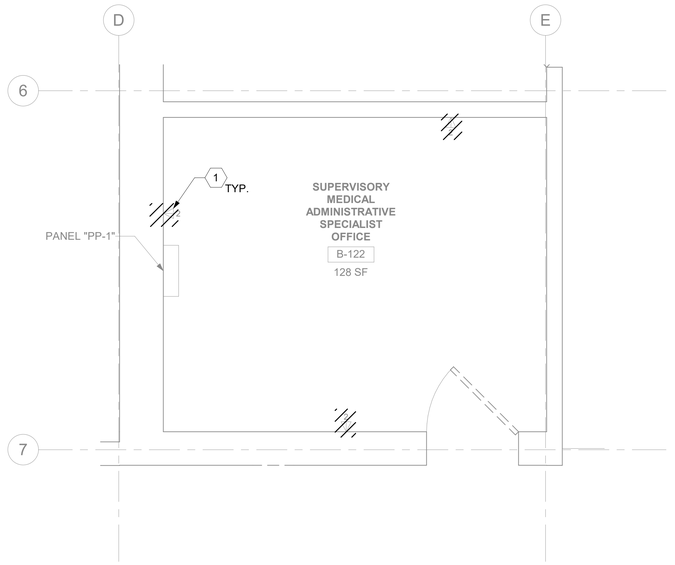
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 019 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 019
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 019ET402
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV
EHRM Infrastructure upgrades - Castle Point
Point/VACP_19_EL_SDB.rvt
07/11/2025 5:16:30 am

VA FORM 08 - 6231



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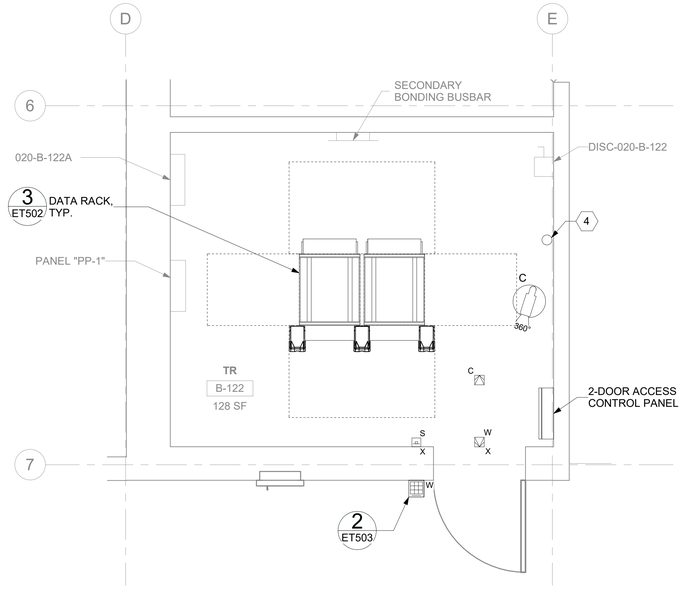
1/2" = 1'-0"



2 020ET101 RM B-122 - TELECOMMUNICATIONS PLAN
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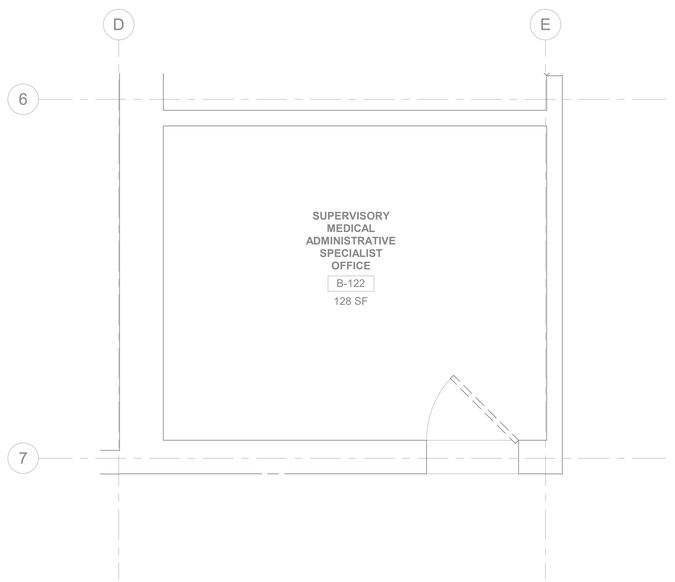

3 020ET101 RM B-122 - DEMOLITION OVERHEAD PLAN
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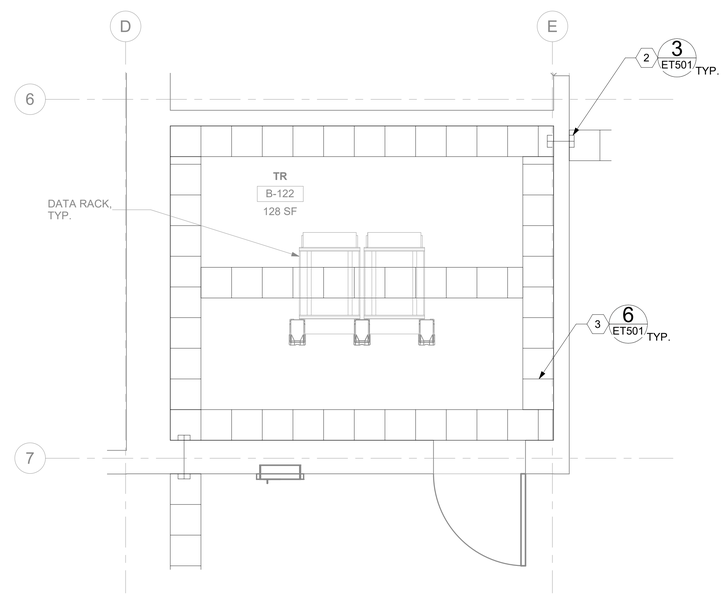

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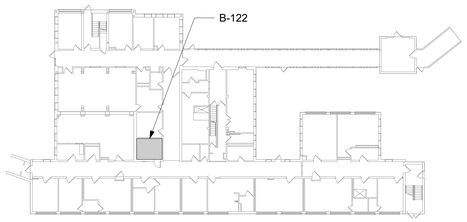
3. WIRE BASKET CABLE TRAY.
4. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING DOWN TO LEVEL 00. PROVIDE LADDER RACK AS REQUIRED FROM HORIZONTAL CABLE TRAY TO FIRE STOP SLEEVE.

KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 020 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 020
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 020ET401a
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

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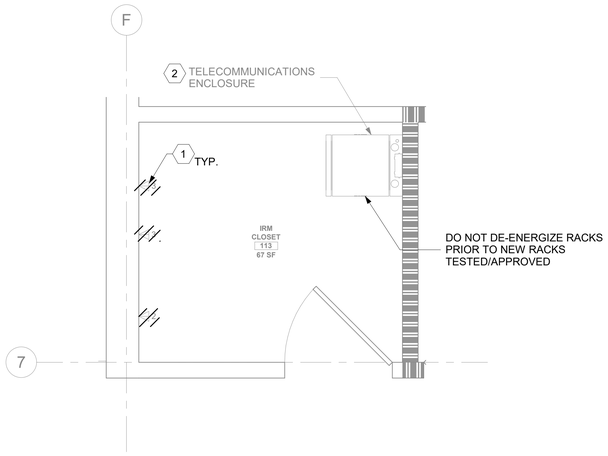

1 020ET101 RM 113 - DEMOLITION FLOOR PLAN
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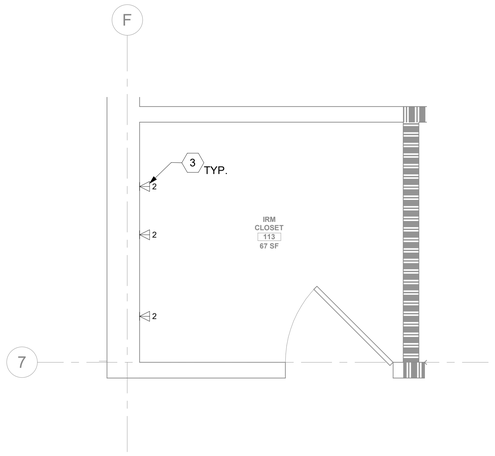

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4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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.
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10. OUTLET LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
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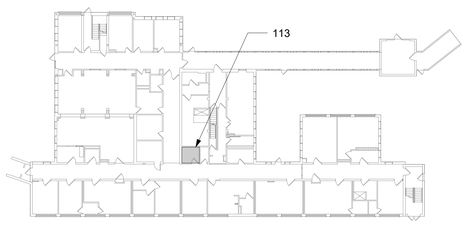
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. EXISTING DATA RACK AND ASSOCIATED EQUIPMENT TO BE SALVAGED TO VA. ALL ASSOCIATED DATA CABLING TO BE DEMOLISHED BACK TO SOURCE.
3. 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 ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA FOR EXACT OUTLET PLACEMENT.

KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

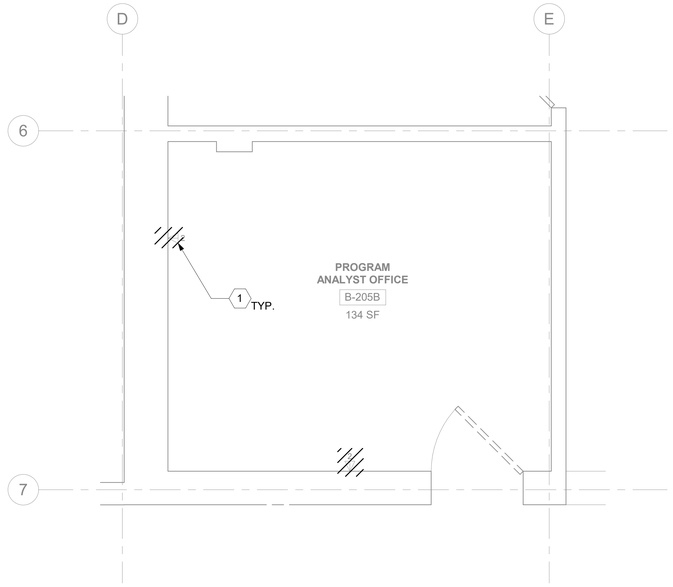
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

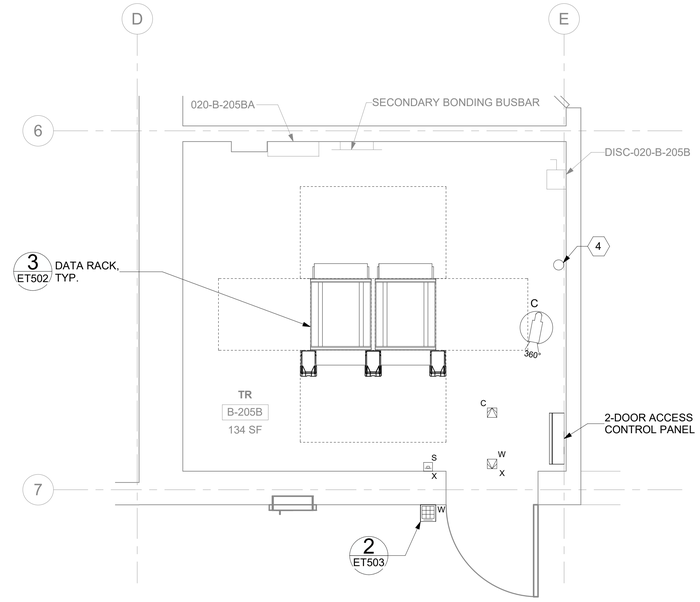
Drawing Title	BLDG 020 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Project Number	620A4-22-700
Building Number	020
Approved:	
	FULLY SPRINKLERED
Location	VA HUDSON VALLEY MEDICAL CENTER 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date	11/07/2025
Checked	KG
Drawn	RTS/JNV
Drawing Number	020ET401b

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_20_EL_SDB.rvt
07/11/2025 5:22:22 am

VA FORM 08 - 6231



1 020ET102 RM B-205B - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



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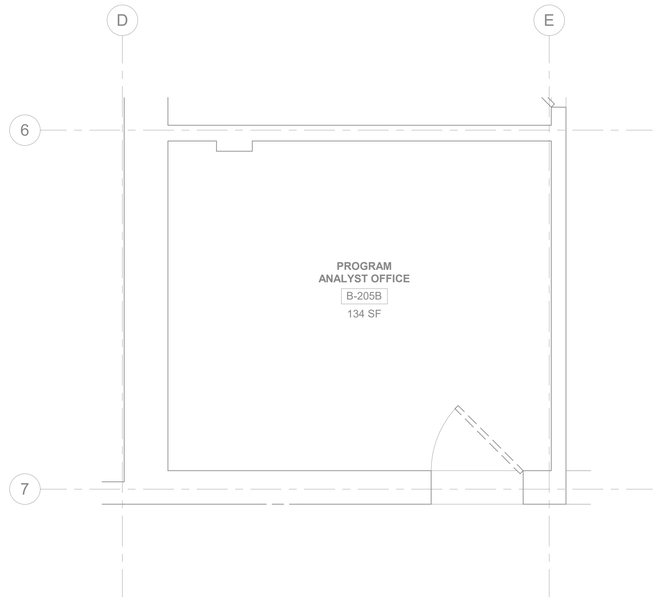
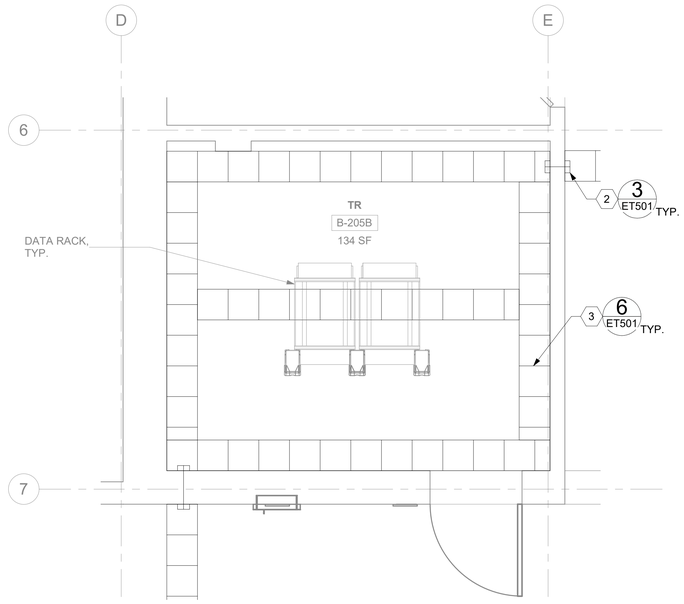
1/2" = 1'-0"



3 020ET102 RM B-205B - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 020ET102 RM B-205B - OVERHEAD PLAN
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KEY NOTES

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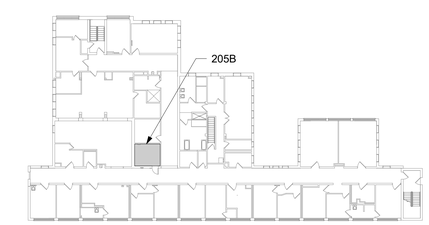
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.
4. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING DOWN TO LEVEL 00. PROVIDE LADDER RACK AS REQUIRED FROM HORIZONTAL CABLE TRAY TO FIRE STOP SLEEVE.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 020 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 020
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 020ET402a
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_20_EL_SDB.rvt
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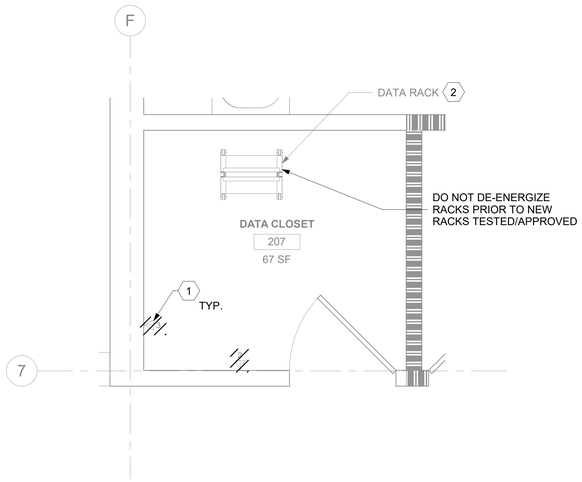
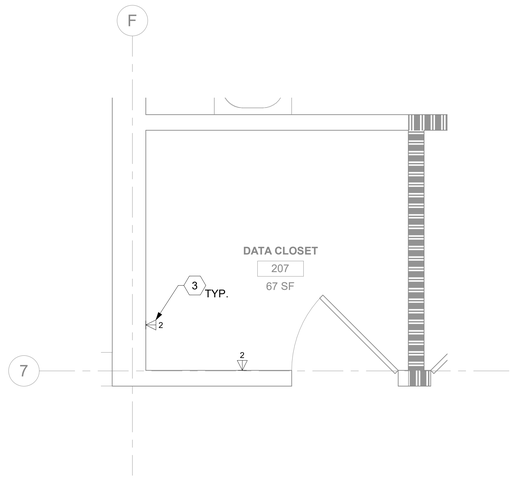
VA FORM 08 - 6231



1 020ET102 RM 207 -DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 020ET102 RM 207 - TELECOMMUNICATIONS PLAN
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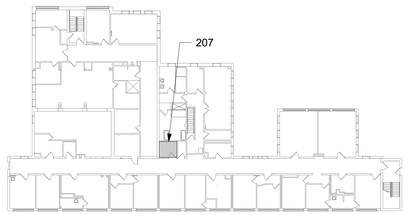
KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SDB SPEESDESIGNBUILD

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REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
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EXPIRES 12-31-27
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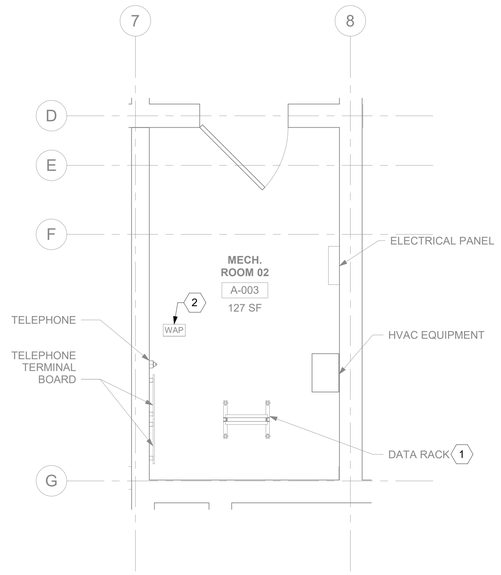
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 020 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 020
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 020ET402b
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV
EHRM Infrastructure upgrades - Castle Point/VACP_20_EL_SDB.rvt
07/11/2025 5:22:28 am

VA FORM 08 - 6231

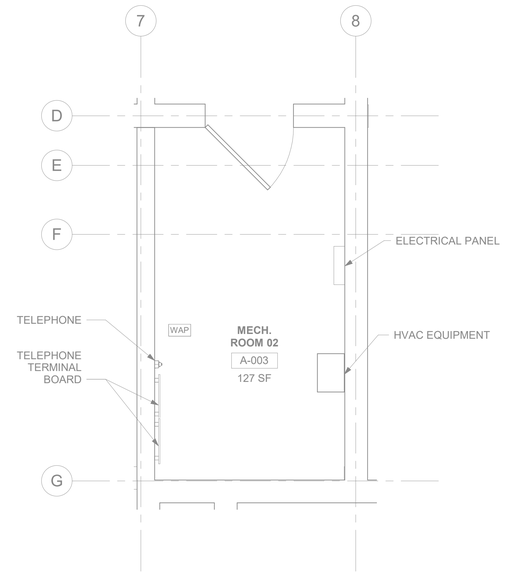


1 021ET100 RM A-003 - DEMOLITION FLOOR PLAN

3/8" = 1'-0"

0 2' 4' 6'

PROJECT NORTH



2 021ET100 RM A-003 - TELECOMMUNICATIONS PLAN

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PROJECT NORTH

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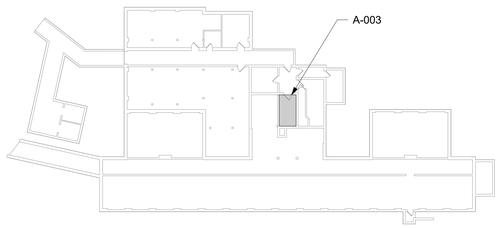
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



AREA SHOWN

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A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 021 - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 021
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 021ET400
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_21_EL_SDB.rvt

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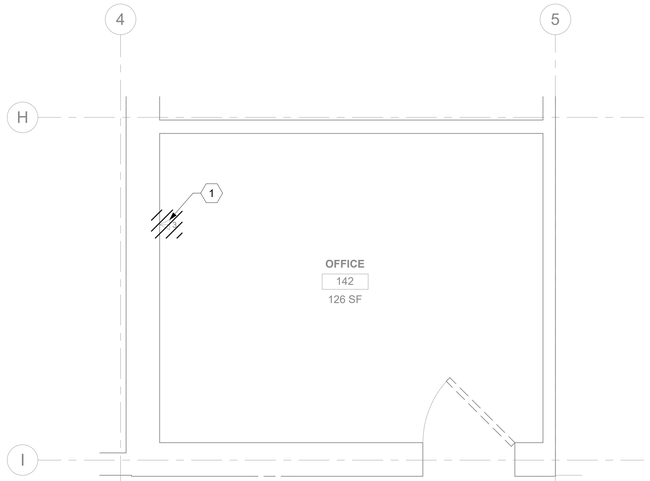
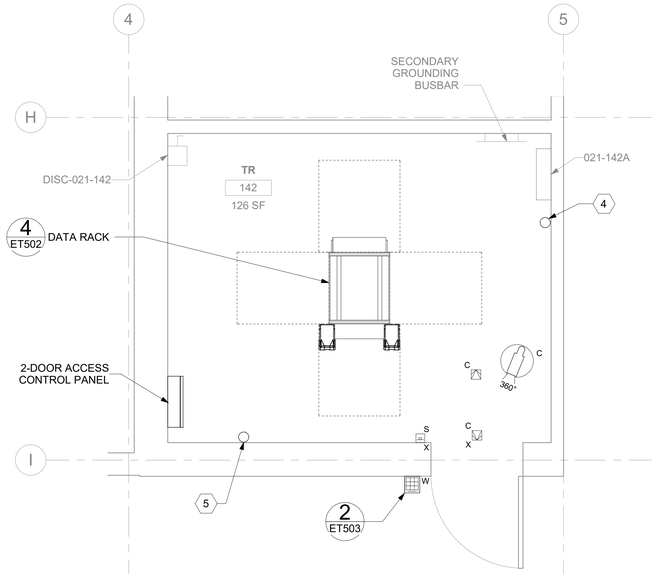
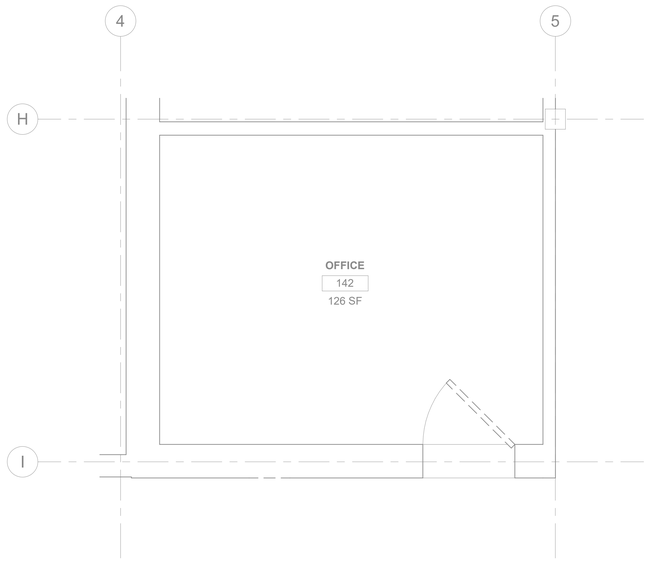


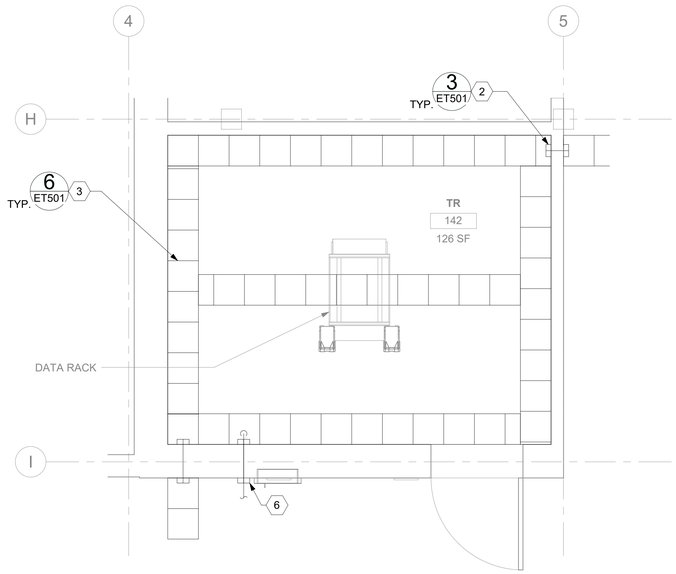
1 021ET101 RM 142 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 021ET101 RM 142 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 021ET101 RM 142 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 - RM 142 - OVERHEAD PLAN
1/2" = 1'-0"

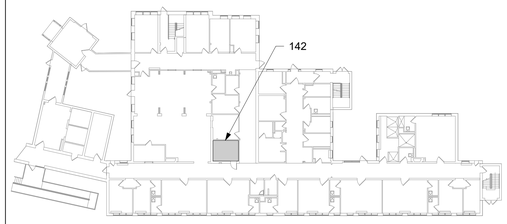
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND ASSOCIATED CABLING AS REQUIRED. ALL RACEWAYS AND CABLING ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO ITS SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, AND FINISHES 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. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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 BASED ON AS-BUILT DRAWINGS.
11. 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.
12. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.
4. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING DOWN TO LEVEL 00. PROVIDE LADDER RACK AS REQUIRED FROM HORIZONTAL CABLE TRAY TO FIRE STOP SLEEVE.
5. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING FIRE ALARM FIBER-OPTIC CABLING DOWN TO LEVEL 00.
6. PROVIDE RIGID CONDUIT SLEEVE WITH FIRE PROOFING AS REQUIRED FOR FIRE ALARM FIBER-OPTIC CABLING.

KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

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BICSI ID # 112316
EXPIRES 12-31-27
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 021 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 021
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 021ET401
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_21_EL_SDB.rvt
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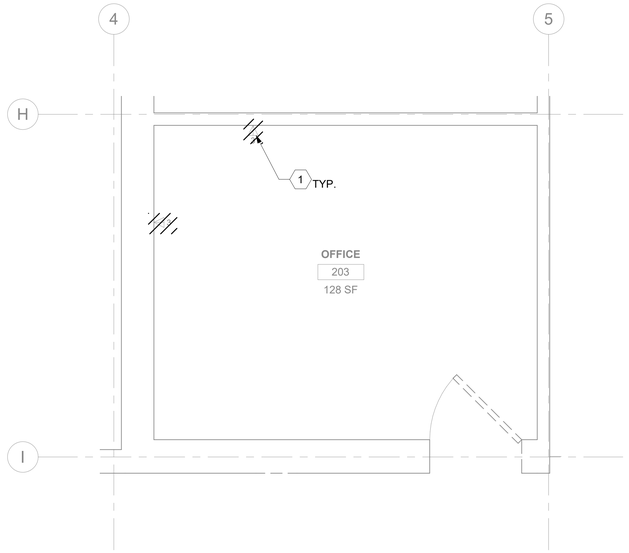
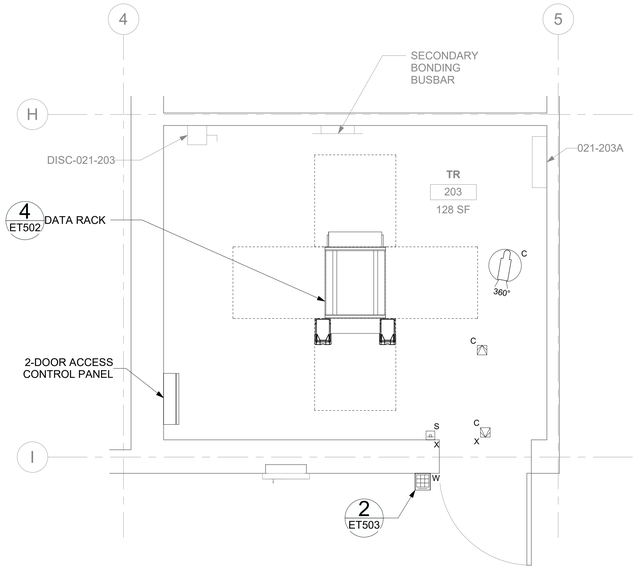
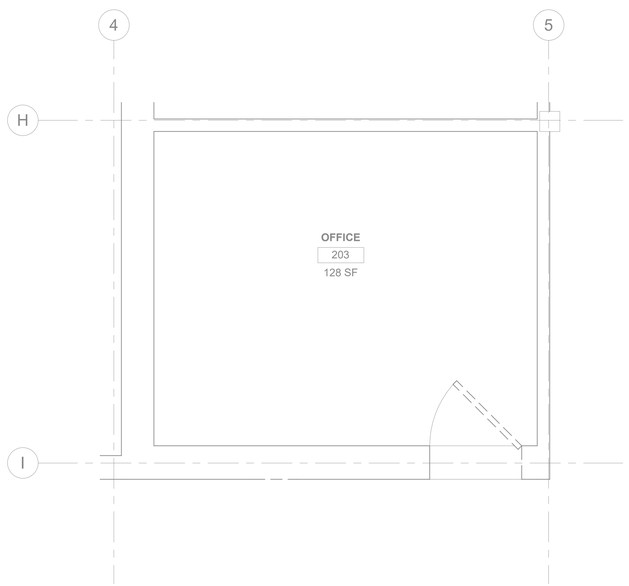


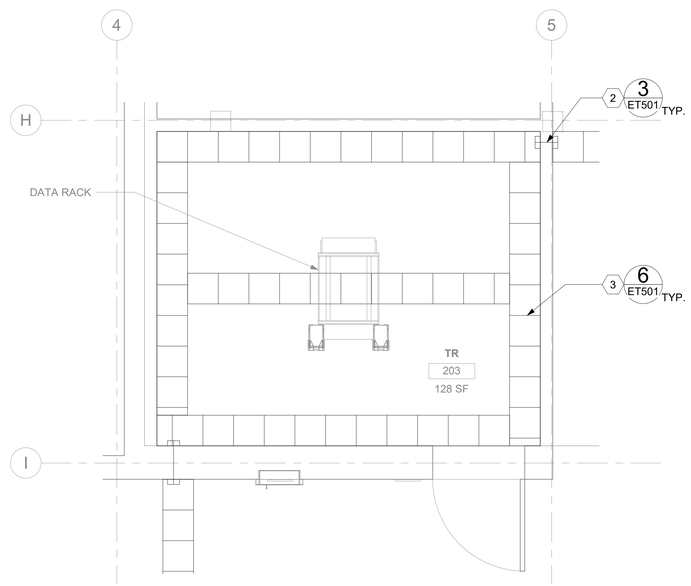
1 021ET102 RM 203 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 021ET102 RM 203 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 021ET102 RM 203 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 021ET102 RM 203 - OVERHEAD PLAN
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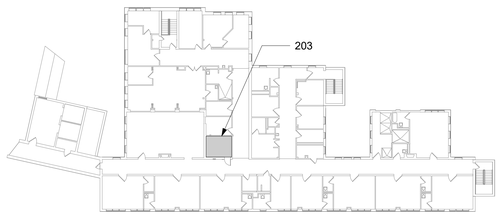
3. WIRE BASKET CABLE TRAY.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
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BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title: BLDG 021 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 021
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 021ET402
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_21_EL_SDB.rvt
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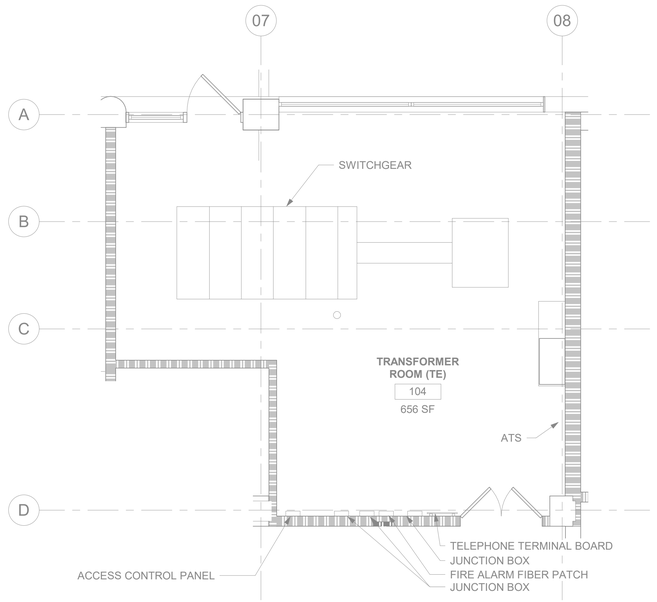
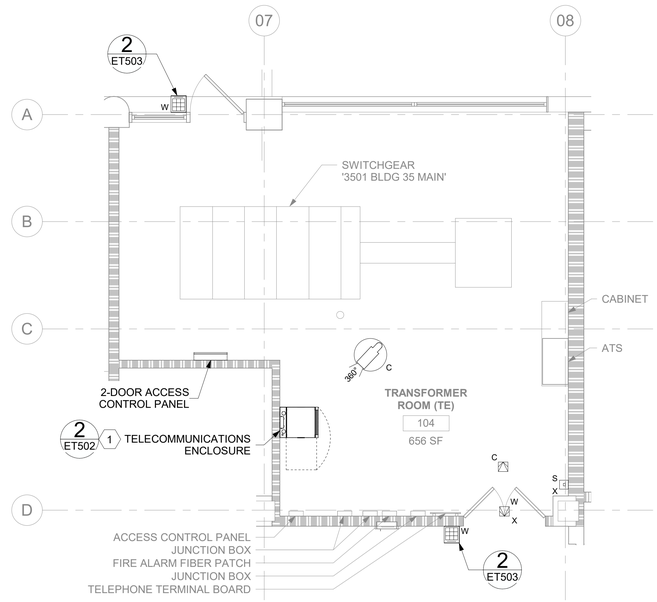
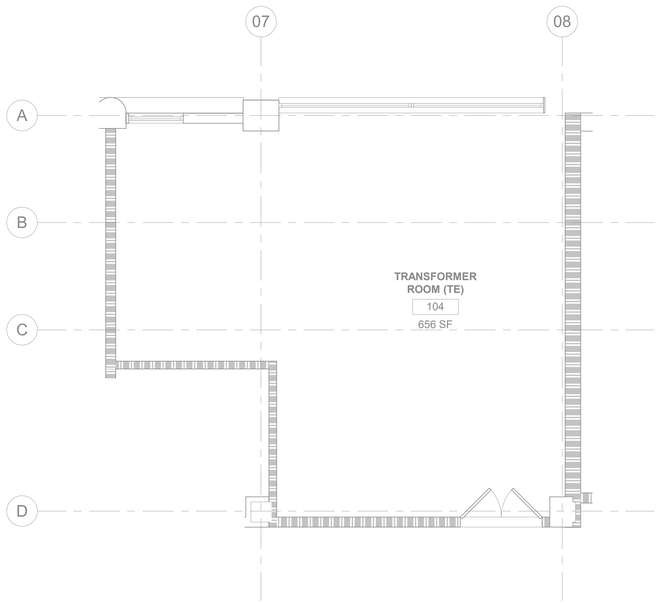


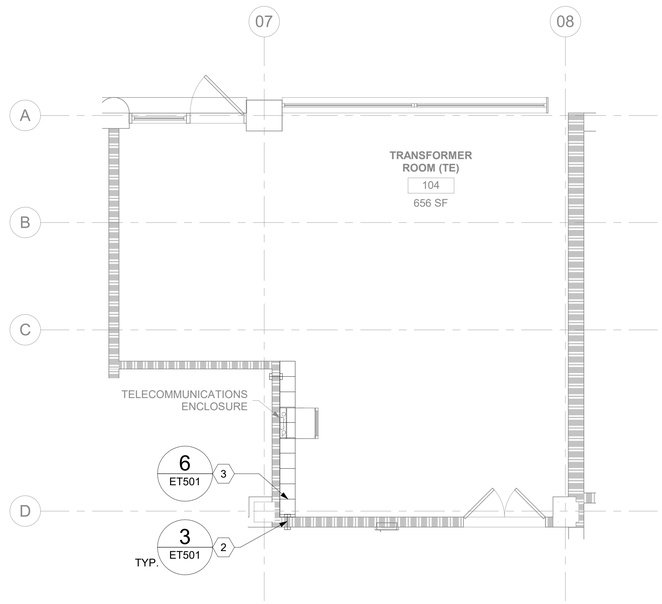
1 035ET101 RM 104 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 035ET101 RM 104 - TELECOMMUNICATIONS PLAN
1/4" = 1'-0"



3 035ET101 RM 104 - DEMOLITION OVERHEAD PLAN
1/4" = 1'-0"



4 035ET101 RM 104 - OVERHEAD PLAN
1/4" = 1'-0"

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5. 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. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
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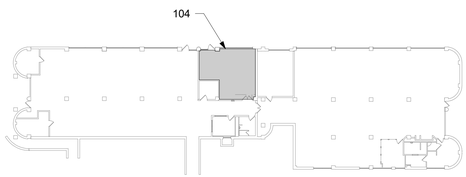
KEY NOTES

1. EQUIPMENT SWINGS AWAY FROM WALL ON HINGE TO ALLOW BACK-DOOR ACCESS.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.

KEY PLAN



AREA SHOWN

Revisions:	Date:

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ENGINEERING DISCIPLINE:

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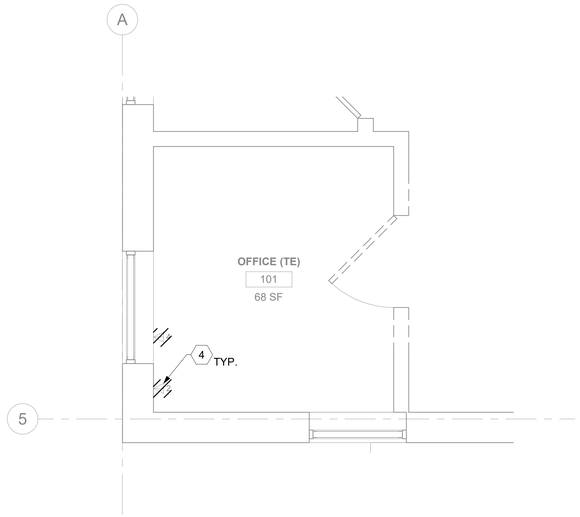
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

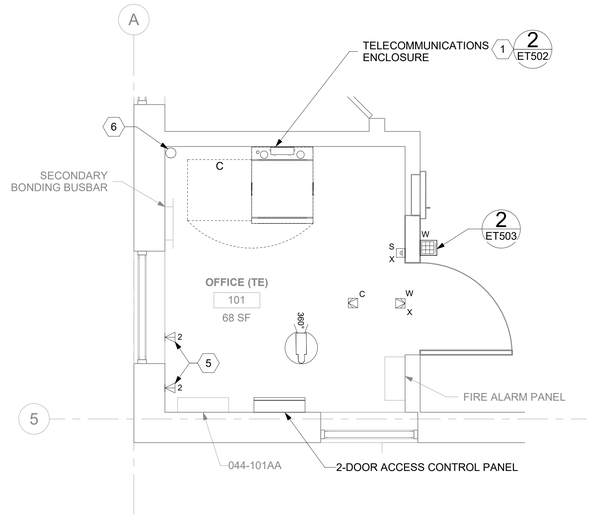
Drawing Title	Phase	Project Title	Project Number
BLDG 035 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	NON SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 035
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: 035ET401

BIM 360://620A4-22-700 VAHV EHRM Infrastructure upgrades - Castle Point/VACP_35_EL_SDB.rvt
07/11/2025 11:04:11 am

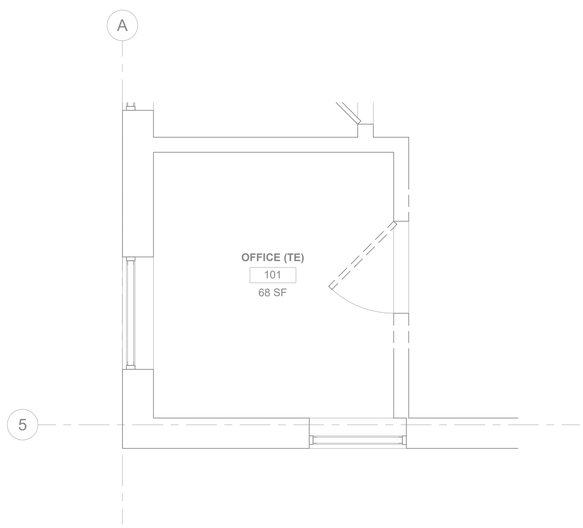
VA FORM 08 - 6231



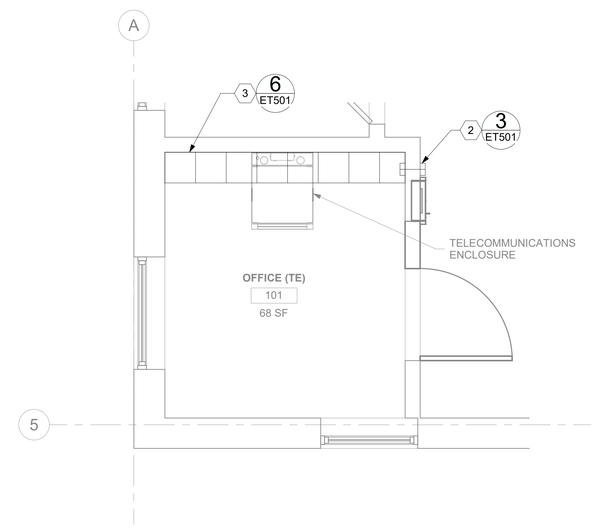
1 044EP101 RM 101 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 044ET101 RM 101A - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 044ET101 RM 101 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 044ET101 RM 101A - OVERHEAD PLAN
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GENERAL NOTES

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3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED 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 ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED. CONDUIT FILL RATIO SHALL NOT EXCEED 40%.
6. TELECOMMUNICATIONS WAO UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING OF EXISTING CABLING, JACKS AND FACEPLATES AS REQUIRED; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH PORT QUANTITY INDICATED.
7. WHEN PROVIDING A WAO IN LOCATIONS WHERE AN EXISTING WAO CURRENTLY DOES NOT EXIST, PROVIDE (1) 4-INCH SQUARE BACKBOX WITH SINGLE-GANG REDUCING MUD RING AND (1) 1-1/4" CONDUIT EXTENDING FROM BACKBOX TO ACCESSIBLE CEILING SPACE. ONCE IN ACCESSIBLE CEILING SPACE, CABLING SHALL EXTEND TO ITS ASSOCIATED TR VIA CABLE TRAY; UTILIZE J-HOOKS EVERY 48" WHEN TRANSITIONING TO OR FROM CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND HORIZONTAL CABLING FROM WAO TO TR VIA J-HOOKS ONLY.
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.
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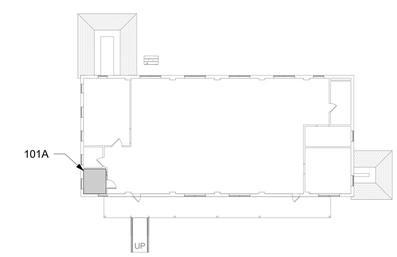
1. EQUIPMENT SWINGS AWAY FROM WALL ON HINGE TO ALLOW BACK-DOOR ACCESS.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.
4. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
5. 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 ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA FOR EXACT OUTLET PLACEMENT.
6. PROVIDE (1) VERTICAL FIRE STOP SLEEVE PENETRATION FOR ROUTING CAT6A CABLING DOWN TO LEVEL 00. PROVIDE LADDER RACK AS REQUIRED FROM HORIZONTAL CABLE TRAY TO FIRE STOP SLEEVE.

KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
RCDD

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

Drawing Title	Phase	Project Title	Project Number
BLDG 044 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: 044
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: 044ET401

BIM 360://620A4-22-700 VAHV
EHRM Infrastructure upgrades - Castle Point
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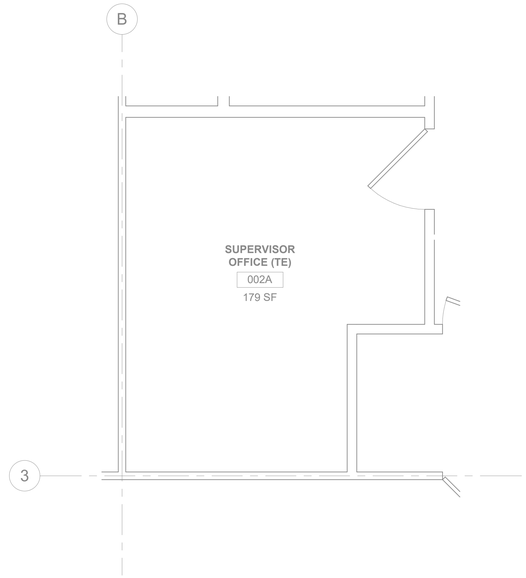
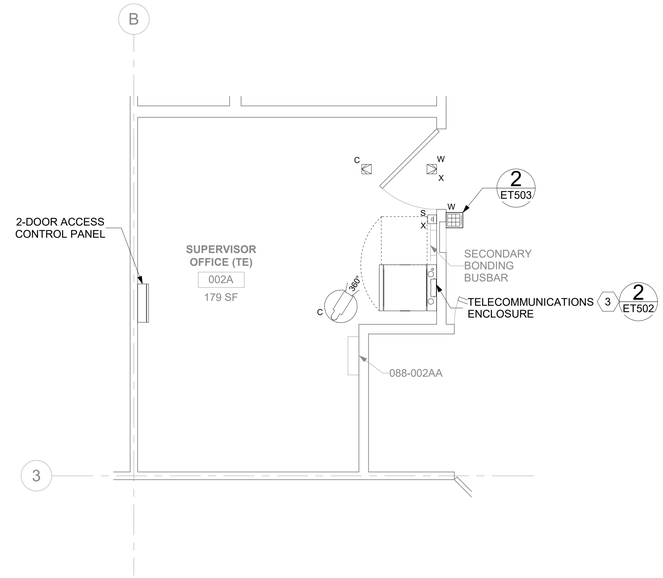
11/7/2025 12:11:59 PM

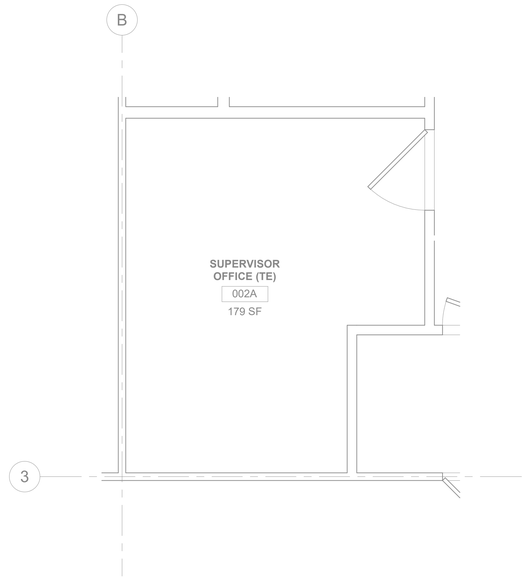
VA FORM 08 - 6231



1 088ET101 RM 002A - DEMOLITION FLOOR PLAN
3/8" = 1'-0"



2 088ET101 RM 002A - TELECOMMUNICATIONS PLAN
3/8" = 1'-0"



3 088ET101 RM 002A - DEMOLITION OVERHEAD PLAN
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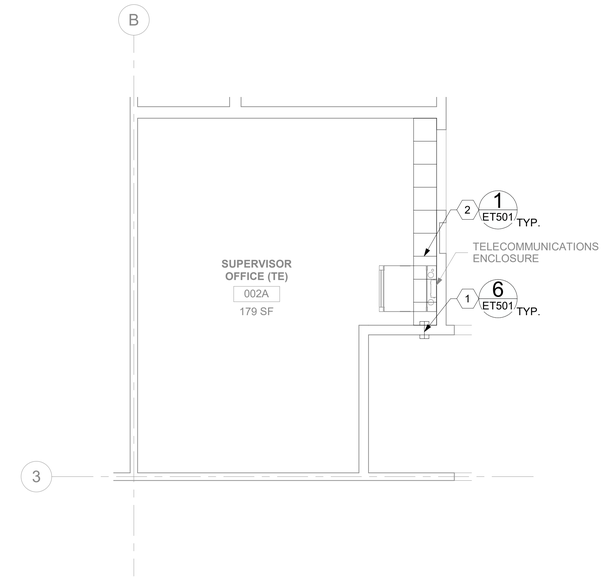

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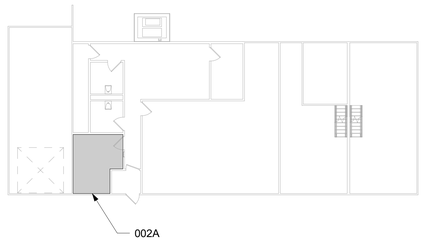

AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
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23830 PACIFIC HIGHWAY S. SUITE 300
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BICSI
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EXPIRES 12-31-27
RCDD

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

Drawing Title: BLDG 088 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: KG
Drawn: RTS/JNV
Project Number: 620A4-22-700
Building Number: 088
Drawing Number: 088ET401

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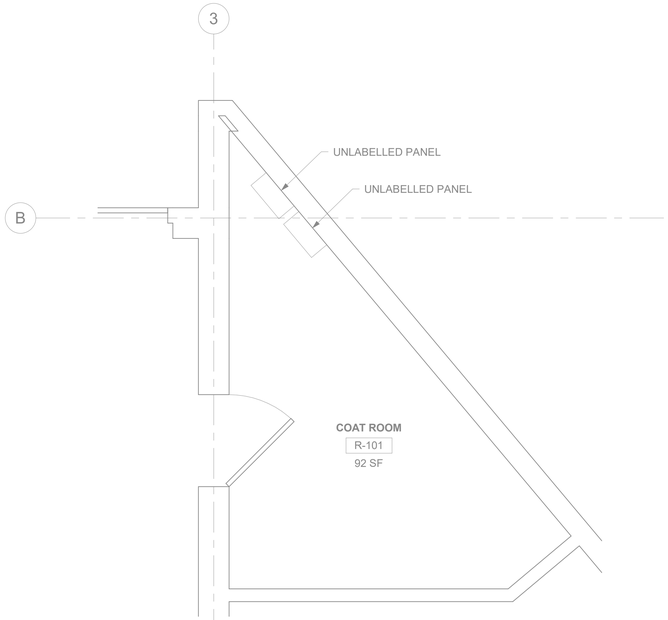
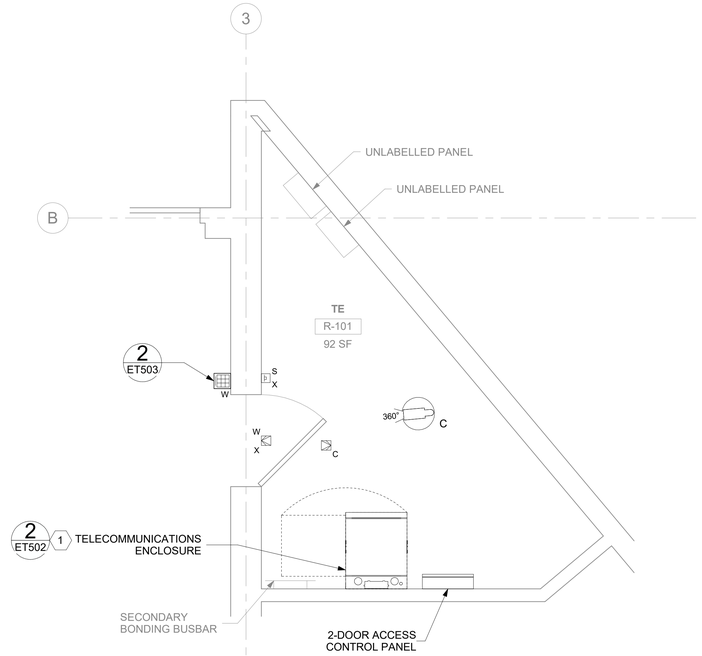
07/11/2025 4:29:13 am

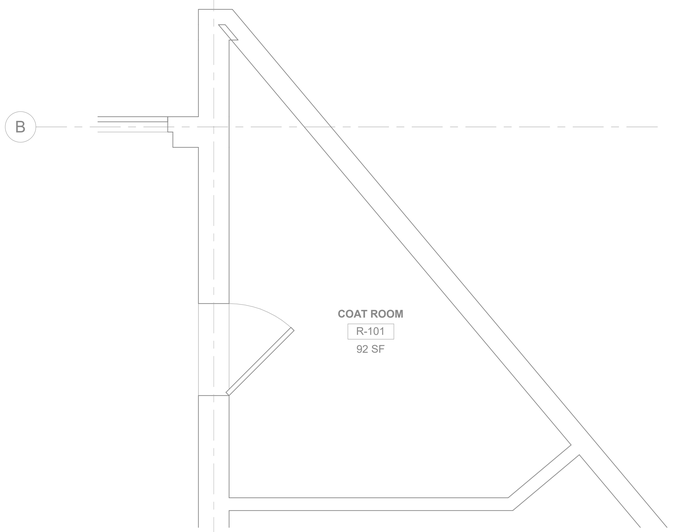
VA FORM 08 - 6231



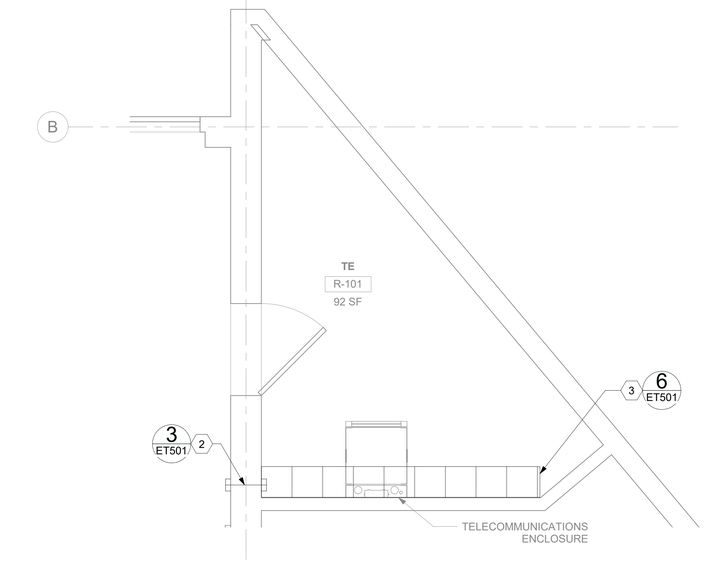
1 111ET101 RM R-101 - DEMOLITION FLOOR PLAN 1/2" = 1'-0"



2 111ET101 RM R-101 - TELECOMMUNICATIONS PLAN 1/2" = 1'-0"



3 111ET101 RM R-101 - DEMOLITION OVERHEAD PLAN 1/2" = 1'-0"



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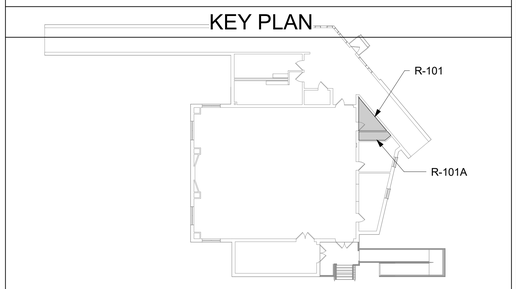

AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

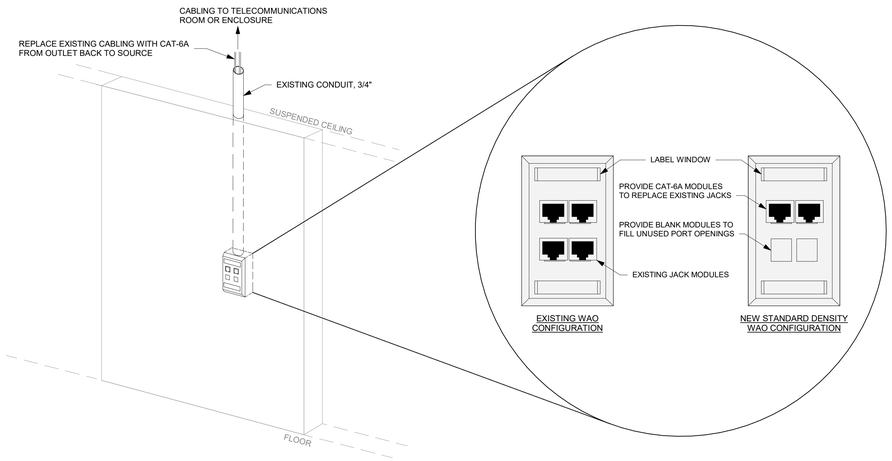
Drawing Title: BLDG111 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 111
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: 111ET401
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV
EHRM infrastructure upgrades - Castle Point/VACP_111_EL_SDB.rvt
11/7/2025 12:13:25 PM

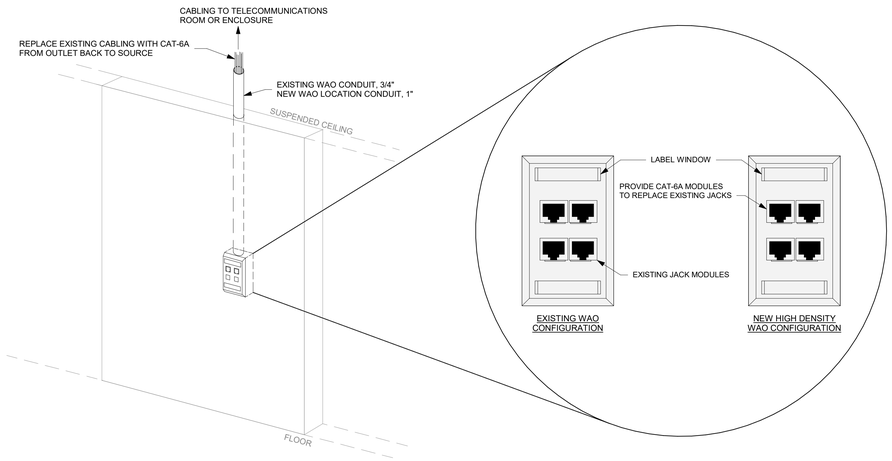
VA FORM 08 - 6231

GENERAL NOTES (FOR THIS SHEET ONLY)

1. ALL LABELING SHALL BE ANSI/TIA/EIA/606C COMPLIANT. BLACK LETTERING ON WHITE FIELD. MACHINE PRINTED. FURTHER GUIDANCE ON ADMINISTRATION MAY BE SPECIFIED IN OTHER SECTIONS OF THIS DESIGN PACKAGE.
2. TYPICAL WORK AREA OUTLET FACEPLATE WILL BE INSTALLED WITH CATEGORY 6A COMPONENT-COMPLIANT 8P8C MEDIA INTERFACE CONNECTORS (RJ45). EACH CONNECTOR WILL BE TERMINATED TO HIGH QUALITY CATEGORY 6A HORIZONTAL CABLING WHICH WILL TERMINATE IN THE TELECOMMUNICATIONS ROOM AS SPECIFIED ELSEWHERE IN THIS DESIGN PACKAGE. ALL HORIZONTAL UTP SHALL BE CATEGORY 6A AND TERMINATED TO T568B.
3. TYPICAL FACEPLATE WILL BE INSTALLED WITH TWO (2) RJ45s. HIGH DENSITY FACEPLATES WILL BE INSTALLED WITH FOUR (4) RJ45s.
4. FACEPLATE MATERIAL AND COLOR DETERMINED BY OTHERS.

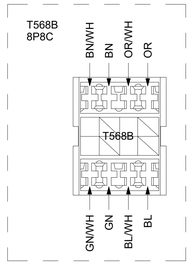


STANDARD DENSITY WORK AREA OUTLET



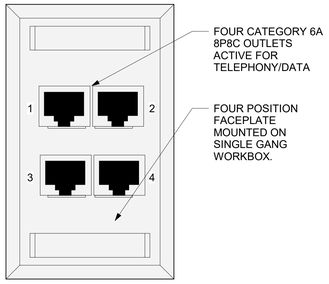
HIGH DENSITY WORK AREA OUTLET

1 - EXISTING CONDUIT WITH CABLING MODIFICATION SECTION VIEW
NTS

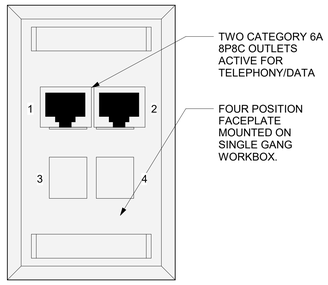


2 - DATA CABLING TERMINATION DETAIL
NTS

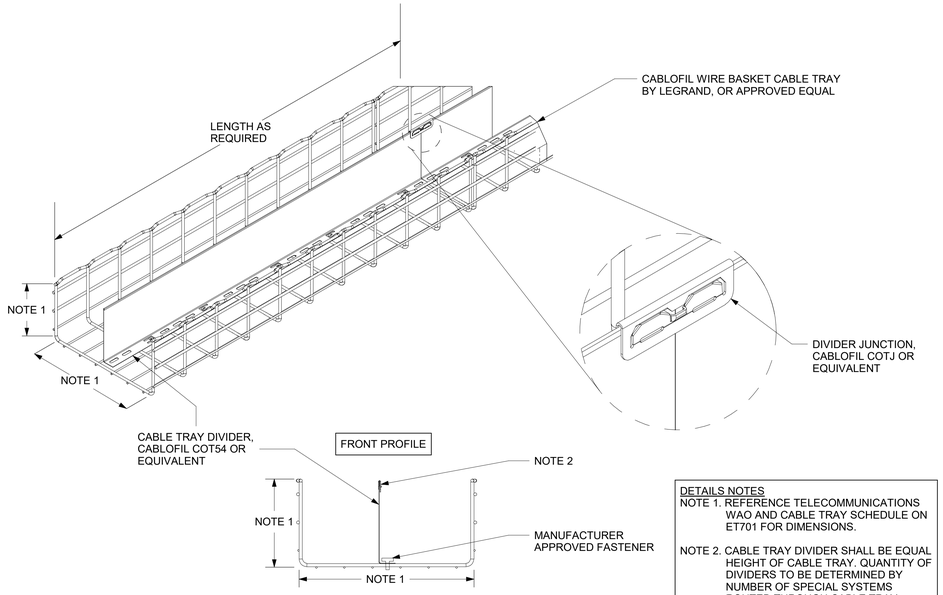
3 - TYPICAL FIRE STOP SLEEVE DETAIL
NTS



4 - TYPICAL HIGH DENSITY WALL MOUNTED WORK AREA OUTLET CONFIGURATION
NTS



5 - STANDARD DENSITY WALL MOUNTED WORK AREA OUTLET CONFIGURATION
NTS



DETAILS NOTES
NOTE 1. REFERENCE TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE ON ET701 FOR DIMENSIONS.
NOTE 2. CABLE TRAY DIVIDER SHALL BE EQUAL HEIGHT OF CABLE TRAY. QUANTITY OF DIVIDERS TO BE DETERMINED BY NUMBER OF SPECIAL SYSTEMS ROUTED THROUGH CABLE TRAY. CONTRACTOR SHALL ASSUME A MINIMUM OF 4 DIVIDERS PER TRAY.

6 - WIRE BASKET CABLE TRAY WITH DIVIDER
NTS

Revisions:	Date:

CONSULTANT/DISCIPLINE
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A/E:
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Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
TELECOMMUNICATIONS DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: ET501
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

BIM 360://620A4-22-700 VAHV
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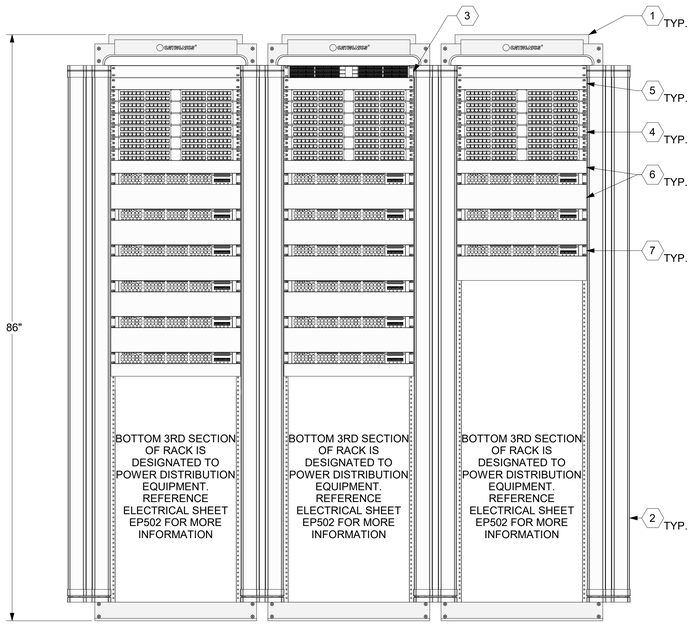
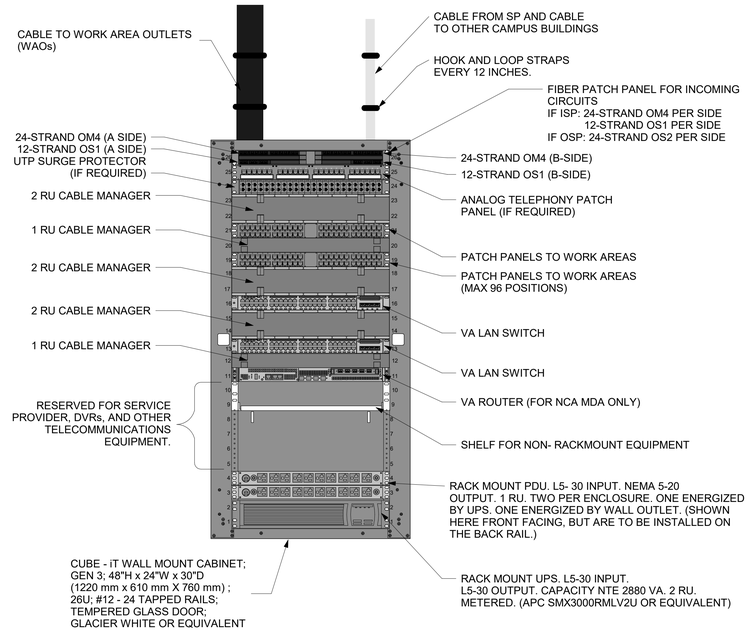
DETAIL IS GENERIC IN NATURE AND SHOWS GENERAL LAYOUT INFORMATION. REFERENCE GENERAL AND KEY NOTES FOR SPECIFIC INFORMATION



1 - TR DATA RACK ELEVATION - THREE RACK

1" = 0'-9"



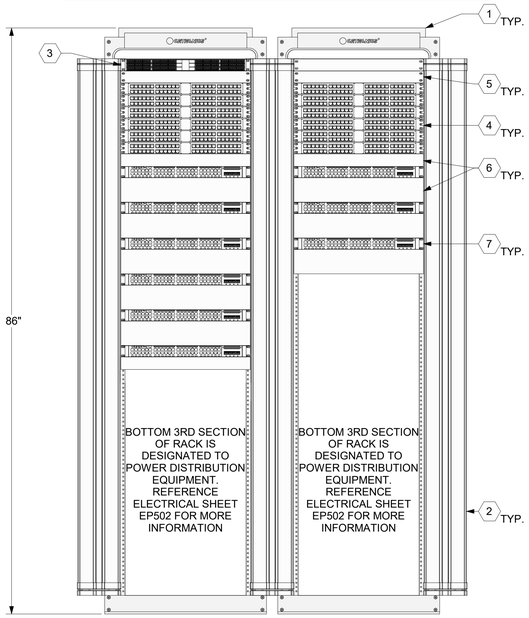
2 - TELECOMMUNICATIONS ENCLOSURE ELEVATION DETAIL

NTS

GENERAL NOTES (FOR THIS SHEET ONLY)

1. ALL TELECOMMUNICATIONS ROOM (TR) DATA RACK DETAIL ELEVATIONS ARE SHOWN TO PROVIDE GENERAL LAYOUT REQUIREMENTS. EXACT QUANTITIES OF UTP PATCH PANELS AND NETWORK SWITCHES PER TR ARE SHOWN IN THE TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE LOCATED ON SHEET TN701. IF MORE THAN (1) RACK IS PRESENT IN THE TR BEING EVALUATED, CONTRACTOR SHALL DIVIDE THE PATCH PANEL AND NETWORK SWITCH EQUIPMENT EVENLY AMONG THE RACKS [IE: IF (6) PATCH PANELS AND (6) NETWORK SWITCHES ARE REQUIRED IN A TR THAT HAS (2) DATA RACKS, PROVIDE EACH DATA RACK WITH (3) PATCH PANELS AND (3) NETWORK SWITCHES].
2. VA DATA RACKS FOLLOW A RULE OF THIRDS FOR POSITIONING EQUIPMENT ON THE RACK. THE TOP THIRD IS DESIGNATED FOR FIBER AND UTP PATCH EQUIPMENT, THE MIDDLE THIRD IS DESIGNATED FOR NETWORK SWITCH EQUIPMENT, AND THE BOTTOM THIRD IS DESIGNATED FOR DATA RACK POWER DISTRIBUTION EQUIPMENT.
3. PRIOR TO CONSTRUCTING TR DATA RACKS AND DURING THE SUBMITTAL PROCESS, CONTRACTOR SHALL SUBMIT ALL TR DATA RACK ELEVATIONS (FRONT, BACK, AND SIDE VIEWS) FOR ENGINEER AND VA REVIEW AND APPROVAL. SUBMITTAL SHALL SHOW ALL DIMENSIONS, CABLE MANAGEMENT EQUIPMENT, LABELING AND ASSOCIATED CUTSHEETS WITH INDICATED PART NUMBERS AND OPTIONS FOR ALL EQUIPMENT.
4. CONTRACTOR SHALL LABEL EACH PATCH PANEL PORT WITH PORT NUMBER AND ROOM NUMBER.
5. ALL DATA RACKS SHALL BE PROVIDED WITH SEISMIC BRACING KITS AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
6. ALL EQUIPMENT, CABLING, CONNECTORS AND APPURTENANCES SHALL BE LABELED PER THE VA STANDARD "INFRASTRUCTURE STANDARD FOR TELECOMMUNICATIONS SPACE" VERSION 3.1 OR NEWER.
7. WHERE RACK EQUIPMENT IS NOT REQUIRED FOR CABLING REQUIREMENTS PROVIDE BLANKING PLATES IN ABSENT SPACES.
8. PROVIDE BLANKING PANELS IN ALL TR RACK VACANT SPACES IF NOT NOTED OTHERWISE.
9. SWITCHES SHOWN IN RACK ELEVATIONS ARE MAXIMUM COUNTS PER RACK.

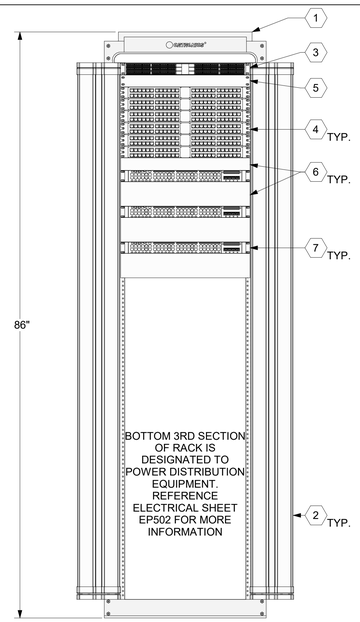
DETAIL IS GENERIC IN NATURE AND SHOWS GENERAL LAYOUT INFORMATION. REFERENCE GENERAL AND KEY NOTES FOR SPECIFIC INFORMATION



3 - TR DATA RACK ELEVATION - TWO RACK

1" = 0'-9"

DETAIL IS GENERIC IN NATURE AND SHOWS GENERAL LAYOUT INFORMATION. REFERENCE GENERAL AND KEY NOTES FOR SPECIFIC INFORMATION



4 - TR DATA RACK ELEVATION - SINGLE RACK

1" = 0'-9"

KEY NOTES (FOR THIS SHEET ONLY)

1. DATA RACK, 4-POST, WHITE FINISH, ORTRONICS #MM2073038-W, OR APPROVED EQUAL.
2. VERTICAL CABLE MANAGER WITH DOOR, 6" WIDE, ORTRONICS #MM20VMD706, OR APPROVED EQUAL.
3. FIBER DISTRIBUTION CABINET, ANGLED, 1RU, LEVITON ANGLED OPT-X UHDX, OR APPROVED EQUAL; CABINET POPULATED WITH (12) CASSETTES, LEVITON HDX ENTERPRISE MTP, OR APPROVED EQUAL. SIDE-A AND SIDE-B FIBER BACKBONE SHALL TERMINATE TO SEPARATE SIDES OF DISTRIBUTION CABINET.
4. CAT 6A UTP PATCH PANEL, ANGLED, 24-PORT WITH REAR CABLE MANAGER, LEVITON #E2XHD-BLK, OR APPROVED EQUAL.
5. BLANKING PANEL, 1RU, LEVITON, OR APPROVED EQUAL.
6. HORIZONTAL CABLE MANAGER, 1RU OR 2RU AS SHOWN, LEVITON, OR APPROVED EQUAL.
7. NETWORK SWITCH. VA PROVIDED, CONTRACTOR INSTALLED. COORDINATE WITH VA FOR EXACT REQUIREMENTS AS NECESSARY.

Revisions:	Date:

CONSULTANT/DISCIPLINE

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A/E:
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Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
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Drawing Title	Phase	Project Title	Project Number
TELECOMMUNICATIONS DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: -
		Issue Date: 11/07/2025; Checked: KG; Drawn: RTS/JNV	Drawing Number: ET502

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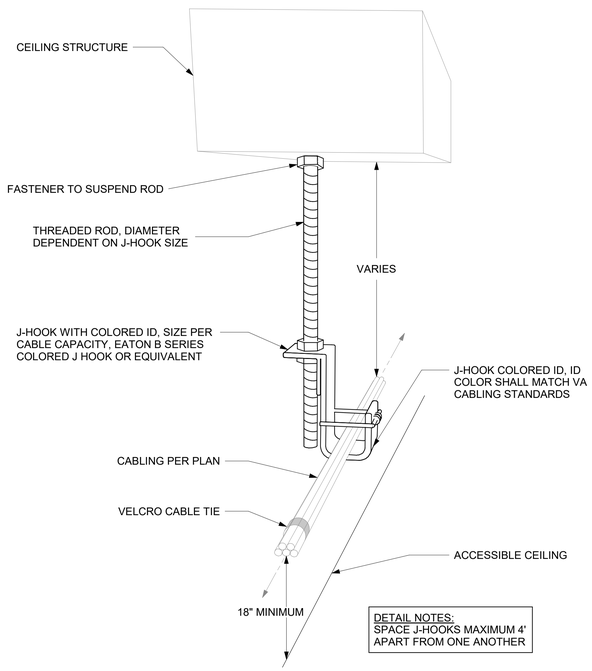
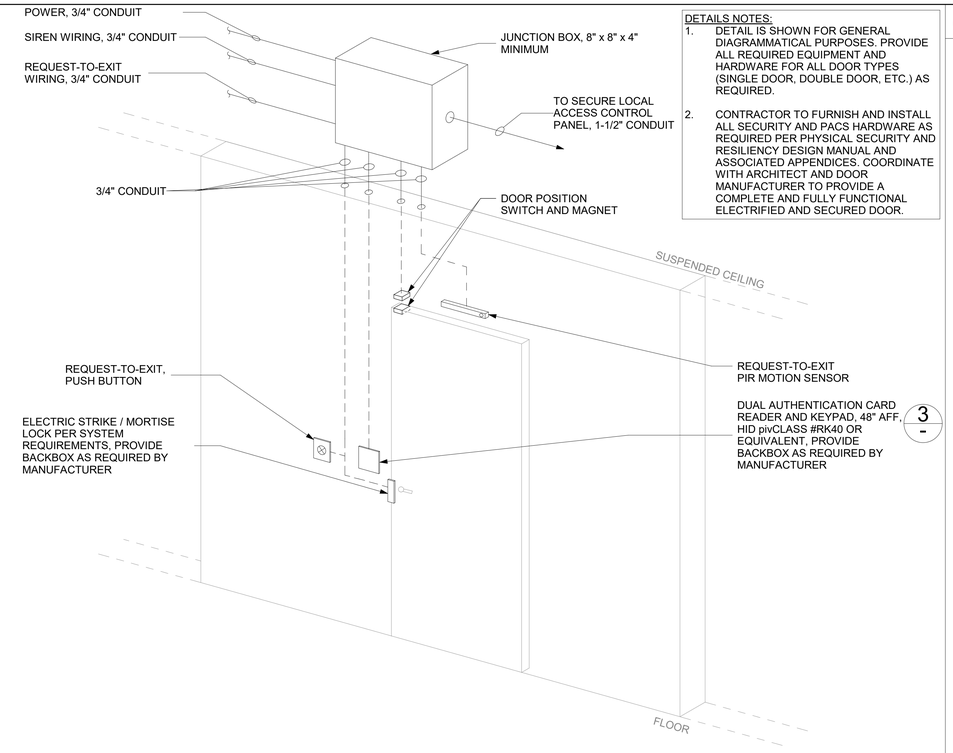


DETAIL NOTES:
SPACE J-HOOKS MAXIMUM 4' APART FROM ONE ANOTHER

1 - TYPICAL J-HOOK INSTALLATION DETAIL

NTS



DETAILS NOTES:

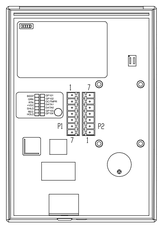
1. DETAIL IS SHOWN FOR GENERAL DIAGRAMMATICAL PURPOSES. PROVIDE ALL REQUIRED EQUIPMENT AND HARDWARE FOR ALL DOOR TYPES (SINGLE DOOR, DOUBLE DOOR, ETC.) AS REQUIRED.
2. CONTRACTOR TO FURNISH AND INSTALL ALL SECURITY AND PACS HARDWARE AS REQUIRED PER PHYSICAL SECURITY AND RESILIENCY DESIGN MANUAL AND ASSOCIATED APPENDICES. COORDINATE WITH ARCHITECT AND DOOR MANUFACTURER TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL ELECTRIFIED AND SECURED DOOR.

2 - SECURITY DOOR CARD READER INSTALLATION DETAIL

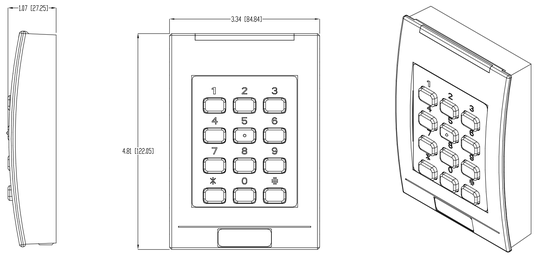
NTS

GENERAL NOTES (FOR THIS SHEET ONLY)

PIV ENABLED TWO-FACTOR AUTHENTICATION KEY PAD AND CONTACTLESS AUTHENTICATION, HID pivCLASS #RK40 OR EQUIVALENT

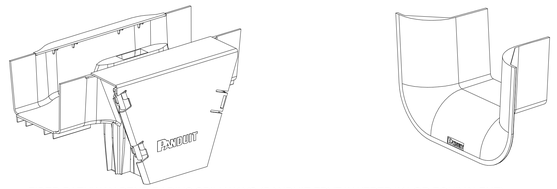


WIRING TABLE		
PIGTAIL-WIRE COLOR	TERM STRIP - CONNECTION	CIRCUIT FUNCTION
YELLOW	P1-1	NO CONNECT
ORANGE	P1-2	NO CONNECT
BLACK	P1-3	RTN
RED	P1-4	+VDC
DRAIN	P1-5	NO CONNECT
BROWN	P1-6	NO CONNECT
BLUE	P1-7	NO CONNECT
GRAY	P2-1	RS485 / TXA
PINK	P2-2	RS485 / TXB
GREEN	P2-3	NO CONNECT
WHITE	P2-4	NO CONNECT
VIOLET	P2-5	NO CONNECT
TAN	P2-6	RS485 / RXB
RED/GREEN	P2-7	RS485 / RXA



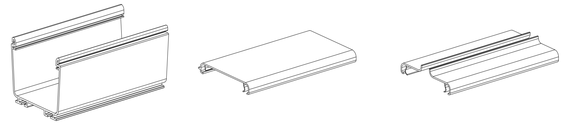
3 - TYPICAL CONTACTLESS AUTHENTICATION AND PINPAD DEVICE

NTS



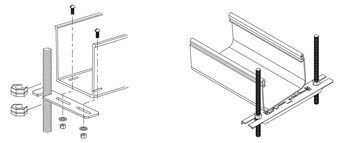
FIBER PATHWAY BEND RADIUS SPILLWAYS (PANDUIT FRVT4X4/FRTR4X4 OR EQUIVALENT):

VERTICAL TEE
TRUMPET SPILLWAY
BEND RADIUS SPILLWAYS REQUIRED AT EVERY RACK LOCATION



FIBER PATHWAY CHANNEL AND COVERS (PANDUIT FR4X4/FRHC4/FRSHC4 OR EQUIVALENT):

4X4" CHANNEL COVER
SOLID COVER
SPLIT HINGED COVER



FIBER PATHWAY MOUNTING BRACKET (PANDUIT FR6TRBE/FR6TBN OR EQUIVALENT):

BRACKET TO MOUNT TO EXISTING THREADED ROD OR
BRACKET TO MOUNT TO NEW THREADED ROD

4 - FIBER PATHWAYS AND DETAILS

NTS

KEY NOTES (FOR THIS SHEET ONLY)

Revisions:	Date:

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Drawing Title: TELECOMMUNICATIONS DETAILS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: ET503
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

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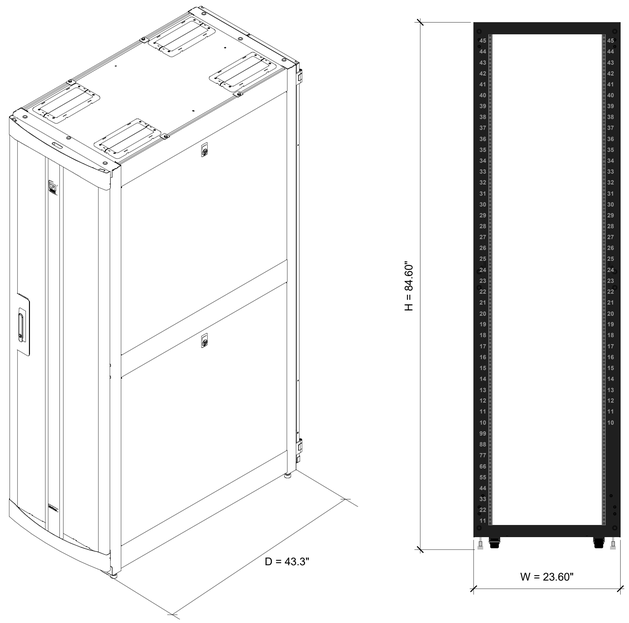
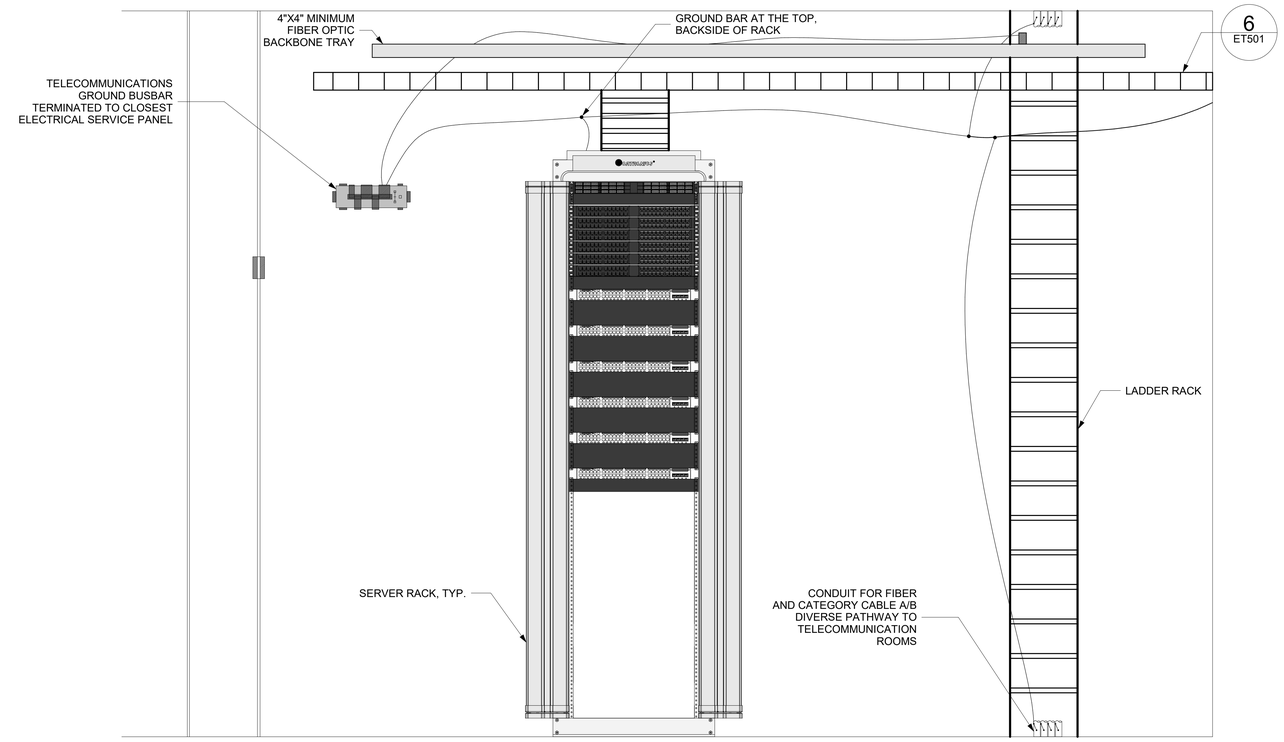


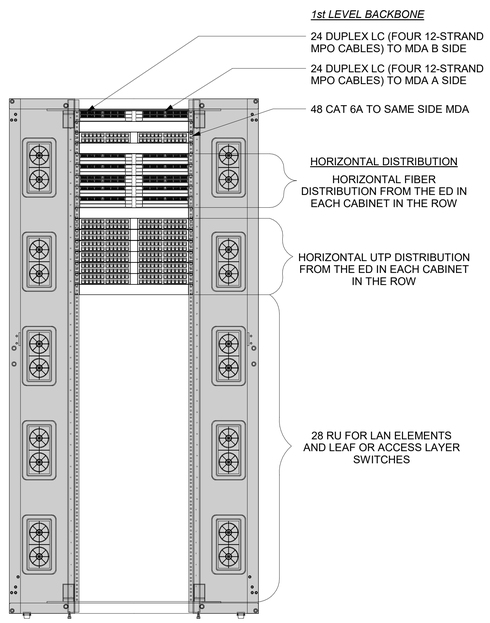
1 TYPICAL DATA CENTER SERVER CABINET DETAIL

NTS



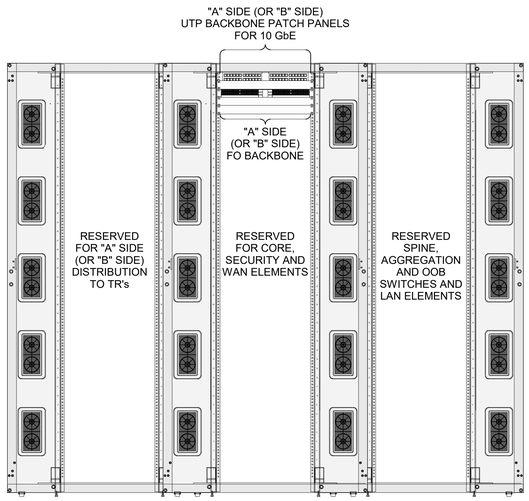
2 ENTRANCE ROOM ELEVATION

NTS



3 TYPICAL END OF ROW HORIZONTAL DISRIBUTION AREA

3/64" = 1'-0"



4 SMALL DATA CENTER MAIN DISTRIBUTION AREA (A & B SIDES)

NTS

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TELECOMMUNICATIONS DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: ET504
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

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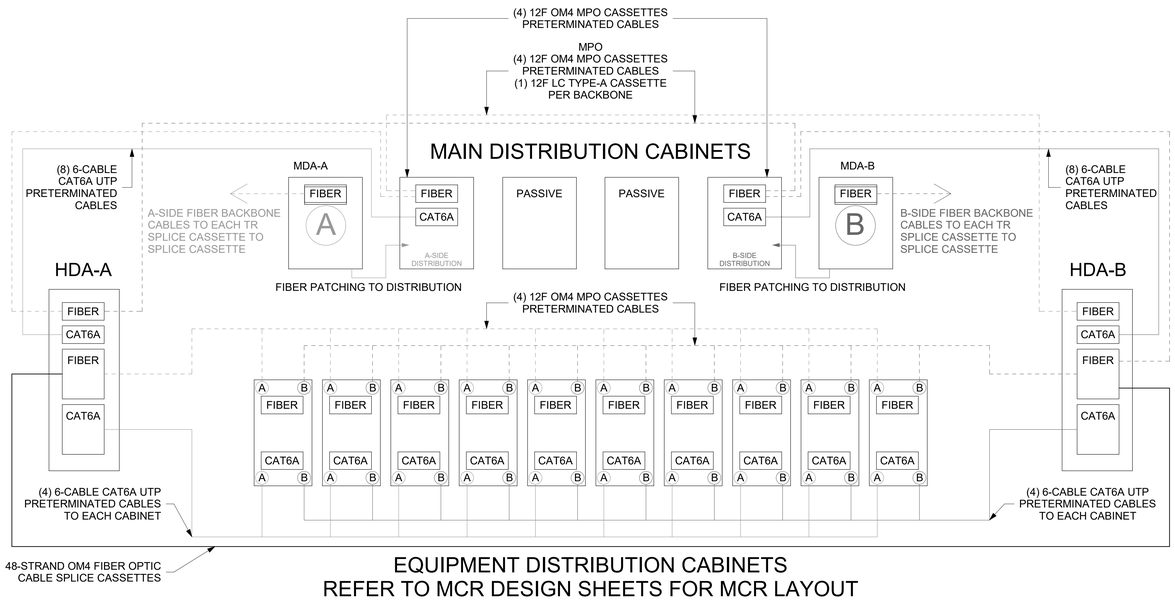


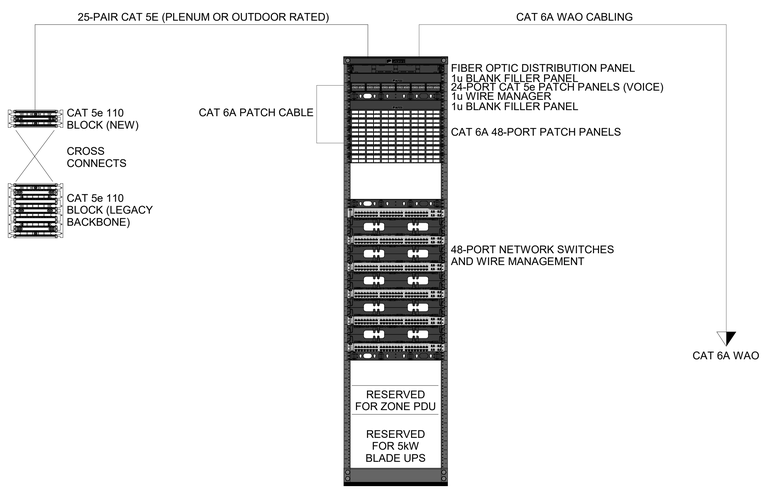
EQUIPMENT DISTRIBUTION CABINETS
REFER TO MCR DESIGN SHEETS FOR MCR LAYOUT

1 DIVERSE ROUTING HORIZONTAL DISTRIBUTION AREA TO MAIN DISTRIBUTION AREA

NTS

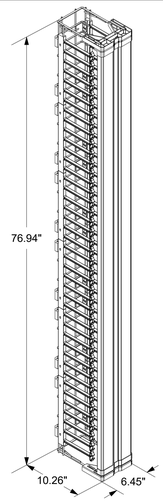
2 NOT USED

NTS



3 EXISTING TR TO NEW TR PHASING CONNECTION

NTS



P/N: OR-MM20VMD706 (OR EQUIVALENT)

MM20 VERTICAL CABLE MANAGEMENT "CAGE", WITH DOOR,
6.45 IN. X 10.26 IN. X 76.94 IN. WHITE

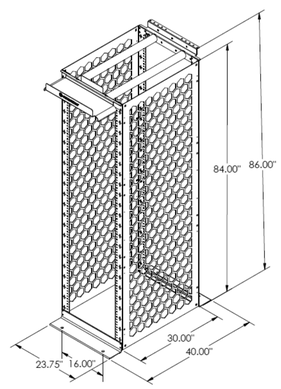
CAPACITY: 350 CATEGORY 6A PATCH CORDS OR 245
CATEGORY 6A PATCH CORDS

LARGER VCM AUTHORIZED IN ACCORDANCE WITH CABLING
REQUIREMENT

4 6 IN. WIDE VERTICAL CABLE MANAGEMENT

NTS

NOTE: TELECOMMUNICATION CHANNEL RACKS ARE REQUIRED IN ALL TELECOMMUNICATION ROOMS.



P/N: OR-MM2073038-W (OR EQUIVALENT)

MIGHTY MO 20 CABLE MANAGEMENT RACK
30 IN. CHANNEL DEPTH, 7 FT HIGH, WHITE FINISH OR EQUIVALENT

DIMENSIONS:
USABLE HEIGHT: 45 RU
DEPTH (US): 30 IN.
HEIGHT (US): 7 FT
WIDTH (US): 23.75 IN.
STATIC LOAD CAPACITY: 2000 LB
SQUARE HOLE

5 TYPICAL RACK DIMENSIONS AND SPECIFICATIONS

NTS

FIBER BACKBONE HOME RUN FROM ALL TRs TO
MDA TO HAVE SPLICE CASSETTES ON BOTH ENDS

RECOMMENDED LC FIBER SPLICE CASSETTE:
LEVITON HDX OR EQUICALENT

PART NUMBER: SPLCH-12AQ (OM4) / SPLCH-12GN (OS2)
DESCRIPTION:
HDX OM4 LC CASSETTE, (0.15 DB) 12-FIBER OM4 TO 12X1-FIBER LC(UPC)
HDX OS2 LC CASSETTE, (0.24 DB) 12-FIBER OS2 TO 12X1-FIBER LC(APC)
ADD OS1

6 FIBER SPLICE CASSETTES (LC BREAKOUT)

NTS

Revisions:	Date:

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Drawing Title: TELECOMMUNICATIONS DETAILS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Drawing Number: ET505
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	

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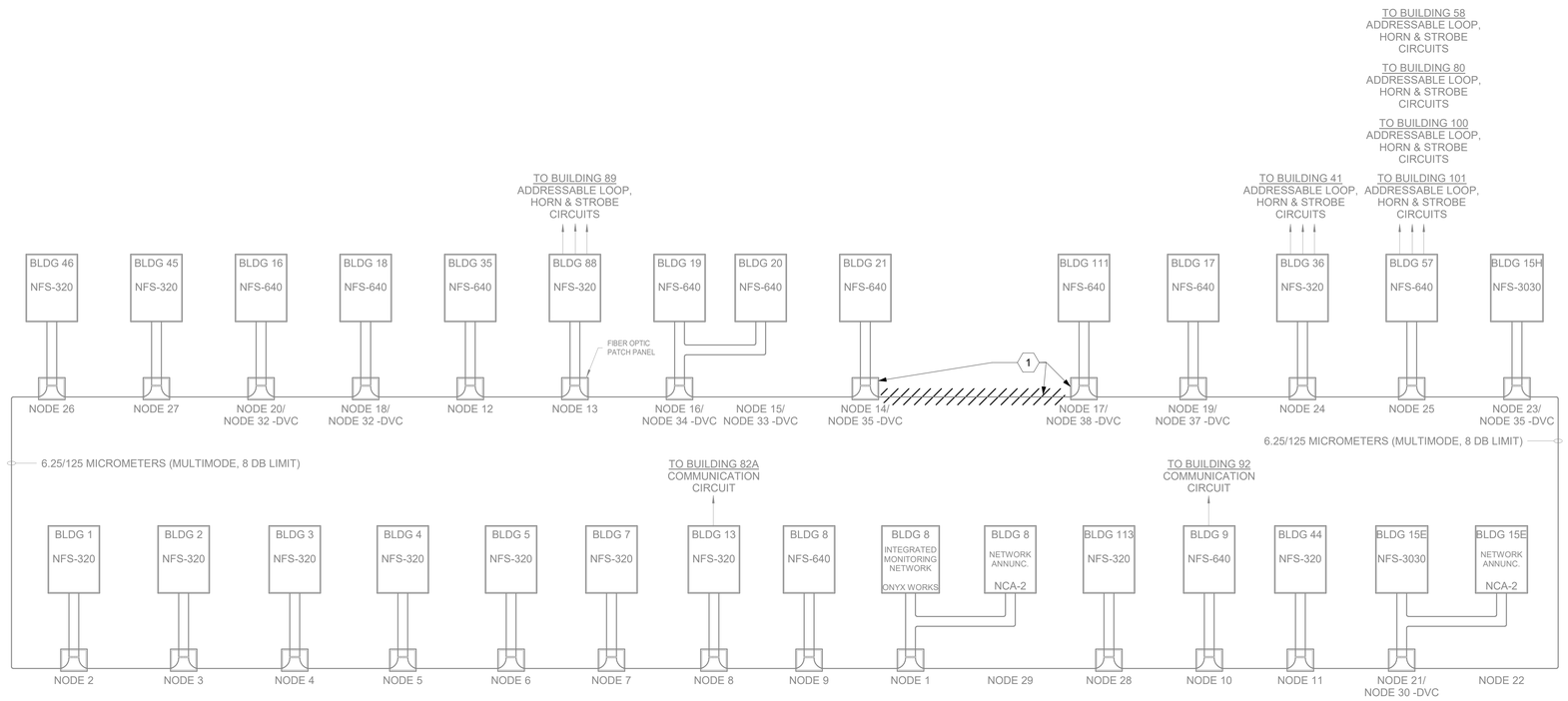
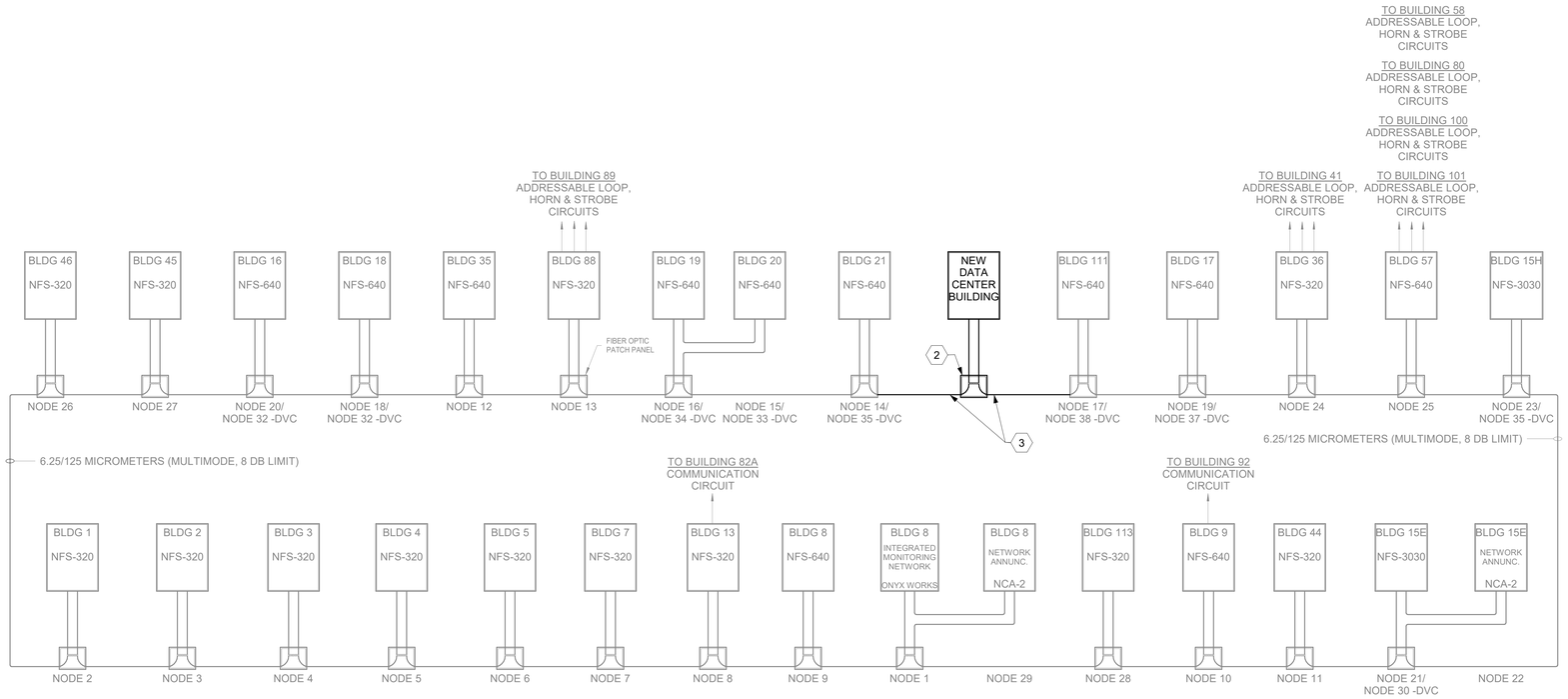


1 - EXISTING FIBER OPTIC FIRE ALARM NETWORK DIAGRAM

NTS



2 - REVISED FIBER OPTIC FIRE ALARM NETWORK DIAGRAM

NTS

GENERAL NOTES (FOR THIS SHEET ONLY)

KEY NOTES (FOR THIS SHEET ONLY)

1. EXISTING CONNECTION BETWEEN NODE 14 AND NODE 17 TO BE MODIFIED AS INDICATED. REFERENCE DETAIL '2' FOR ADDITIONAL INFORMATION.
2. PROVIDE EQUIPMENT TO MATCH EXISTNG. CONTRACTOR TO TEST EQUIPMENT AFTER INSTALLATION TO GUARANTEE A FULLY FUNCTIONAL FIRE ALARM SYSTEM.
3. PROVIDE 12-STRAND 62.5/125 MICROMETER (MULTIMODE, 8db LIMIT) FIBER-OPTIC CABLING FOR FIRE ALARM PANEL IN DATA CENTER. TERMINATE AS INDICATED.

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TELECOMMUNICATIONS DETAILS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Project Number: 620A4-22-700

Building Number: -

Location: VA HUDSON VALLEY MEDICAL CENTER
41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590

Drawing Number: ET506

Issue Date: 11/07/2025 | Checked: KG | Drawn: RTS/JNV

BIM 360:/620A4-22-700 VAHV
EHRM Infrastructure upgrades -
Castle Point VA - CASTLE POINT
- GENERAL SHEETS r.rvt

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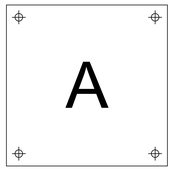
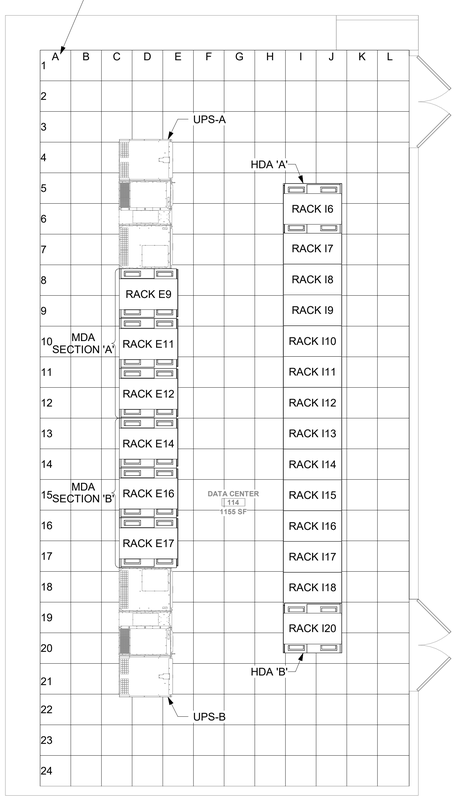
VA FORM 08 - 6231

DETAIL NOTE(S):

1. PROVIDE LOCATION IDENTIFIERS ON WALLS, COLUMNS, AND/OR FROM HANGING TAGS AS NECESSARY TO ALLOW OCCUPANTS TO REASONABLY DETERMINE ALL GRID LOCATIONS.
2. IDENTIFIERS SHALL BE A MINIMUM OF 4-INCH HIGH CHARACTERS, SEMI-GLOSS BLACK LET WITH TOP OF CHARACTER NOT MORE THAN 6 INCHES BELOW CEILING, CONCRETE SLAB LINE, OR TYPICALLY ACCEPTED PHYSICAL DIVIDER BETWEEN WORKSPACE AND CEILING.
3. ITEMS ON THE FLOOR SHALL BE NOTED AS BEING LOCATED AT LOCATIONS IN ACCORDANCE WITH ANSI/TIA-606-C, MEANING THE GRID LOCATION OF THE TILE CONTAINING THE LEFT FRONT CORNER OF THE ITEM (WHEN FACING THE FRONT OF THE ITEM).
4. IF THE ITEM HAS NO IDENTIFIABLE FRONT, THE FIRST FULL TILE COVERED CLOSEST TO THE GRID ORIGIN SHALL BE THE LOCATION IDENTIFIER.

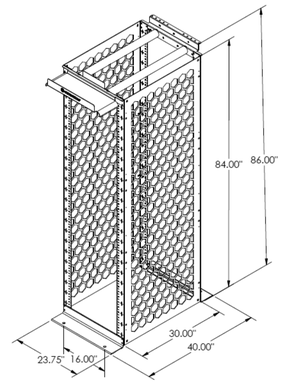


TYPICAL SIGNAGE EXAMPLE



1 - DATA CENTER POSITION IDENTIFICATION

1/4" = 1'-0"



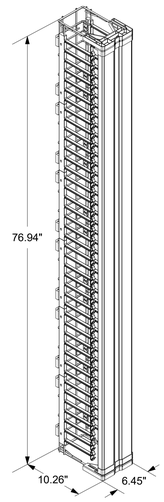
P/N: OR-MM2073038-W (OR EQUIVALENT)

MIGHTY MO 20 CABLE MANAGEMENT RACK
30 IN. CHANNEL DEPTH, 7 FT HIGH, WHITE FINISH OR EQUIVALENT

DIMENSIONS:
USABLE HEIGHT: 45 RU
DEPTH (US): 30 IN.
HEIGHT (US): 7 FT
WIDTH (US): 23.75 IN.
STATIC LOAD CAPACITY: 2000 LB
SQUARE HOLE

2 - TYPICAL TR RACK DIMENSIONS AND SPECIFICATIONS

NTS



P/N: OR-MM20VMD706 (OR EQUIVALENT)

MM20 VERTICAL CABLE MANAGEMENT "CAGE", WITH DOOR, 6.45 IN. X 10.26 IN. X 76.94 IN. WHITE

CAPACITY: 350 CATEGORY 6A PATCH CORDS OR 245 CATEGORY 6A PATCH CORDS

LARGER VCM AUTHORIZED IN ACCORDANCE WITH CABLING REQUIREMENT

4 - TR RACK 6 IN WIDE VERTICAL CABLE MANAGEMENT

NTS

FIBER BACKBONE HOME RUN FROM ALL TRs TO MDA TO HAVE SPLICE CASSETTES ON BOTH ENDS

RECOMMENDED LC FIBER SPLICE CASSETTE:
LEVITON HDX OR EQUICALENT

PART NUMBER: SPLCH-12AQ (OM4) / SPLCH-12GN (OS2)
DESCRIPTION:
HDX OM4 LC CASSETTE, (0.15 DB) 12-FIBER OM4 TO 12X1-FIBER LC(UPC)
HDX OS2 LC CASSETTE, (0.24 DB) 12-FIBER OS2 TO 12X1-FIBER LC(APC)
ADD OS1

3 - FIBER SPLICE CASSETTES (LC BREAKOUT)

NTS

5 - NOT USED

NTS

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

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Kris K Good
BICSI ID # 112316
EXPIRES 12-31-27
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Office of Construction and Facilities Management

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Drawing Title	Phase	Project Title	Project Number
TELECOMMUNICATIONS DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER, 41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590	Building Number: -
		Issue Date: 11/07/2025 · Checked: KG · Drawn: RTS/JNV	Drawing Number: ET507

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EHRM Infrastructure Upgrades -
CAMPUS-WIDE/CASTLE POINT
- GENERAL SHEETS.rvt

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TELECOMMUNICATION WAO, CABLE TRAY, AND FIRE SLEEVE SCHEDULE

BUILDING NO.	FLOOR	TOTAL DATA CONNECTIONS (NOTE 4)	TOTAL DATA RACKS PER TR (NOTE 1)	TELECOMMUNICATIONS ROOM NAME	MINIMUM REQUIRED HORIZONTAL CABLING UTP PATCH PANELS AND NETWORK SWITCHES	MINIMUM HORIZONTAL CABLE TRAY WIDTH REQUIREMENT (INCHES) (NOTE 2 & 3)	MINIMUM REQUIRED FIRESTOP SLEEVES FOR HORIZONTAL CABLE (NOTE 5)
1	00B	3	1(TE)	01A	1	12	2
	00G	10		SERVED BY TE 01A			
	01	14		SERVED BY TE 01A			
	02	2		SERVED BY TE 01A			
7	00	4	1	SERVED BY TR 115 (BLDG 07)	2	12	2
	01	57		115 (BLDG 07)			
	02	47	1	209B	1	12	2
	03	39	1	317	1	12	2
8	00	45	1(TE)	05A	1	12	2
	01	53	1	108B	2	12	2
	02	36		SERVED BY TR 108B			
9	00	28	1	SERVED BY TR 119	3	12	2
	01	86		119			
	02	110	1	211	3	12	2
	03	125	1	309A	3	12	2
13	00	33	1	01A	3	12	2
	01	72		SERVED BY TR 01A			
	02	0		SERVED BY TR 01A			
15E & 15H	00	733	3	SERVED BY TR 011A AT BLDG 15E	16	36	7
	01	261	2	H-140	6	12	3
	02	406	2	H-255	9	18	4
	03	149	2	H-301	4	12	2
	04	2		SERVED BY TR H-301 AT BLDG 15H	1	12	2
16	00	206	2	008	5	12	2
	01	100	1	F-100	5	12	2
	02	60		SERVED BY TR F-100			
	03	49		SERVED BY TR F-100			
17	00	22	1	G-014	1	12	2
	01	49	2	107	2	12	2
	02	64	2	G-203	2	12	2
	03	24		SERVED BY TR G-203			
	04	0		SERVED BY TR G-203			
18	01	136	2	115A (BLDG 18)	4	12	2
	02	242	2	D-214A	6	12	3
	03	155	2	314CA	4	12	2
	04	0		SERVED BY TR 314CA			
19	00	16	1	SERVED BY TR C-104	3	12	2
	01	115		C-104			
	02	104	1	C-208	3	12	2
20	00	13	2	SERVED BY TR B-122	3	12	2
	01	122		B-122			
	02	138	2	B-205B	3	12	2
21	00	11	1	SERVED BY TR 142	3	12	2
	01	93		142			
	02	109	1	203	3	12	2
35	01	7	1(TE)	104	1	12	2
	02	8		SERVED BY TE 104			
44	00	22	1(TE)	SERVED BY TE 101A	1	12	2
	01	15		101A			
88	01	17	1(TE)	002A	1	12	2
111	00B	4	1(TE)	SERVED BY TE R-101	1	12	2
	01	23		R-101	1	12	2

Notes:

1. REFERENCE TR ENLARGED PLANS FOR EXACT RACK QUANTITY PER TR.
2. CABLE TRAY DEPTH SHALL BE 6". PROVIDE LENGTH AS REQUIRED. CABLE TRAY SHALL BE PROVIDED TO NOT EXCEED 40% FILL.
3. BUILDING DISTRIBUTION CABLE TRAYS AND ASSOCIATED TR CABLE TRAYS SHALL BE EQUAL IN SIZE.
4. TOTAL NUMBER OF DATA CONNECTIONS AND CABLING FOR WAO SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ACQUISITION OF EQUIPMENT AND CABLING. CONTRACTOR SHALL PROVIDE AN INITIAL SURVEY OF ALL AREAS TO HAVE UPGRADED WAOs AND OTHER DATA CONNECTED EQUIPMENT IN ORDER TO VERIFY EXACT LOCATIONS AND QUANTITIES PRIOR TO CONSTRUCTION.
5. TOTAL MINIMUM NUMBER OF FIRESTOP SLEEVES BASED OFF DETAIL 3, TN501; USE GANGPLATE WHERE REQUIRED. TOTAL MINIMUM NUMBER SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ACQUISITION OF EQUIPMENT. COORDINATE WITH EXISTING HORIZONTAL SLEEVES; EXISTING SLEEVES SHALL REMAIN. MINIMUM OF 2 FIRESTOP SLEEVES FOR HORIZONTAL CABLING A AND B PATHWAYS. CONTRACTOR SHALL PROVIDE AN INITIAL SURVEY OF ALL AREAS TO BE UPGRADED TO VERIFY UNOBSTRUCTED ENTRANCES AND ANY EXISTING SLEEVE OR GANGPLATE INSTALLATIONS.

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EHRM Infrastructure Upgrades -
CAMPUS - VA Hudson Valley - CONT
- GENERAL SHEETS.rvt

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ENGINEERING DISCIPLINE:

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Drawing Title: TELECOMMUNICATIONS SCHEDULES

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER
41 CASTLE POINT ROAD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025

Checked: KG

Drawn: RTS/JNV

Project Number: 620A4-22-700

Building Number: -

Drawing Number: ET701

VA FORM 08 - 6231

TECHNOLOGY SHEET INDEX

00-TN000	TECHNOLOGY COVERSHEET
00-TN100	SITE PLAN - TECHNOLOGY
01-TN100B	BUILDING 01 - BASEMENT PLAN - TECHNOLOGY
07-TN100	BUILDING 07 - LEVEL 00 FLOOR PLAN - TECHNOLOGY
07-TN101	BUILDING 07 - LEVEL 01 FLOOR PLAN - TECHNOLOGY
07-TN102	BUILDING 07 - LEVEL 02 FLOOR PLAN - TECHNOLOGY
07-TN103	BUILDING 07 - LEVEL 03 FLOOR PLAN - TECHNOLOGY
08-TN100	BUILDING 08 - LEVEL 00 PLAN - TECHNOLOGY
08-TN101	BUILDING 08 - LEVEL 01 PLAN - TECHNOLOGY
09-TN100	BUILDING 09 - LEVEL 00 PLAN - TECHNOLOGY
09-TN101	BUILDING 09 - LEVEL 01 PLAN - TECHNOLOGY
09-TN102	BUILDING 09 - LEVEL 02 PLAN - TECHNOLOGY
09-TN103	BUILDING 09 - LEVEL 03 PLAN - TECHNOLOGY
13-TN100	BUILDING 13 - LEVEL 00 PLAN - TECHNOLOGY
15E-TN100A	BUILDING 15E - LEVEL 00 PLAN - TECHNOLOGY - AREA A
15E-TN101A	BUILDING 15E - LEVEL 01 PLAN - TECHNOLOGY - AREA A
15H-TN100	BUILDING 15H - LEVEL 00 PLAN - TECHNOLOGY
15H-TN101	BUILDING 15H - LEVEL 01 PLAN - TECHNOLOGY
15H-TN102	BUILDING 15H - LEVEL 02 PLAN - TECHNOLOGY
15H-TN103	BUILDING 15H - LEVEL 03 PLAN - TECHNOLOGY
16-TN100	BUILDING 16 - LEVEL 00 PLAN - TECHNOLOGY
16-TN101	BUILDING 16 - LEVEL 01 PLAN - TECHNOLOGY
17-TN100	BUILDING 17 - LEVEL 00 PLAN - TECHNOLOGY
17-TN101	BUILDING 17 - LEVEL 01 PLAN - TECHNOLOGY
17-TN102	BUILDING 17 - LEVEL 02 PLAN - TECHNOLOGY
18-TN100	BUILDING 18 - LEVEL 00 PLAN - TECHNOLOGY
18-TN101	BUILDING 18 - LEVEL 01 PLAN - TECHNOLOGY
18-TN102	BUILDING 18 - LEVEL 02 PLAN - TECHNOLOGY
18-TN103	BUILDING 18 - LEVEL 03 PLAN - TECHNOLOGY
19-TN100	BUILDING 19 - LEVEL 00 PLAN - TECHNOLOGY
19-TN101	BUILDING 19 - LEVEL 01 PLAN - TECHNOLOGY
19-TN102	BUILDING 19 - LEVEL 02 PLAN - TECHNOLOGY
20-TN100	BUILDING 20 - LEVEL 00 PLAN - TECHNOLOGY
20-TN101	BUILDING 20 - LEVEL 01 PLAN - TECHNOLOGY
20-TN102	BUILDING 20 - LEVEL 02 PLAN - TECHNOLOGY
21-TN100	BUILDING 21 - LEVEL 00 PLAN - TECHNOLOGY
21-TN101	BUILDING 21 - LEVEL 01 PLAN - TECHNOLOGY
21-TN102	BUILDING 21 - LEVEL 02 PLAN - TECHNOLOGY
35-TN101	BUILDING 35 - LEVEL 01 PLAN - TECHNOLOGY
44-TN100B	BUILDING 44 - BASEMENT PLAN - TECHNOLOGY
44-TN101	BUILDING 44 - LEVEL 01 PLAN - TECHNOLOGY
88-TN101	BUILDING 88 - LEVEL 01 PLAN - TECHNOLOGY
111-TN100B	BUILDING 111 - BASEMENT PLAN - TECHNOLOGY
111-TN101	BUILDING 111 - LEVEL 01 PLAN - TECHNOLOGY
115-TN100	BUILDING 115 - LEVEL 00 PLAN - TECHNOLOGY
115-TN101	BUILDING 115 - LEVEL 01 PLAN - TECHNOLOGY
115-TN300	BUILDING 115 - TECHNOLOGY ENLARGED PLANS
TD100	TECHNOLOGY DETAILS
TN500	TECHNOLOGY DIAGRAMS
TN501	TECHNOLOGY DIAGRAMS
GRAND TOTAL: 50	

VIEW KEY

NAME — LEVEL NAME
10'-0" — HEIGHT ABOVE PROJECT 0'-0"

1 — INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED. SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH
PLAN OR DETAIL NUMBER
PLAN OR DETAIL NAME

NORTH 1 **VIEW NAME** 1/8" = 1'-0"

PLAN OR DETAIL SCALE

INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS
DETAIL REFERRED TO BY SECTION CUT
SHEET DETAIL IS LOCATED ON

SIM 1" M101 — SIM 1 A 2 3 — T101

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)
NEW
EXISTING TO BE REMOVED (SHORT DASHED PATTERN)
NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)
EXISTING
EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)
EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE.

"TAG'-E TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING

TAG-1 UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIO/VISUAL CONTRACTOR
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
F.S.C.	FOOD SERVICE CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.C.	HEATING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
N.C.C.	NURSE CALL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR
V.C.	VENTILATION CONTRACTOR

TECHNOLOGY ABBREVIATION KEY

ABBR:	DESCRIPTION:
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BFC	BELOW FINISHED CEILING
C	CONDUIT
DE	DELAYED EGRESS
DPDT	DOUBLE POLE DOUBLE THROW
FOV	FIELD OF VIEW
J-BOX	JUNCTION BOX
POE	POWER OVER ETHERNET
PTZ	PAN TILT ZOOM
SIM	SIMILAR
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
+#	MOUNTING HEIGHT ABOVE FINISHED FLOOR
EF-#	ENTRANCE FACILITY
TR-#	TELECOMMUNICATIONS ROOM
TER-#	TELEPHONE EQUIPMENT ROOM
MCR-#	MAIN COMPUTER ROOM

TECHNOLOGY SYMBOL LIST

SYMBOL:	EQUIPMENT LIST ABBREV.:	DESCRIPTION:	NOTE:
	MH##	PATHWAY TECHNOLOGY MANHOLE (FLOOR) TYPE 1	
	HH##	PATHWAY TECHNOLOGY HANDHOLE (FLOOR) TYPE 1	
WIDTH X HEIGHT		CABLE TRAY, CHANNEL TRAY, BASKET TRAY	
WIDTH X HEIGHT		LADDER RACK	
DIAMETERø C		CONDUIT	
		CONDUIT DOWN	
		CONDUIT UP OR UP/DOWN	
		CONDUIT SLEEVE	
		CONTINUATION	

GENERAL NOTES:

1. ALL SYMBOLS AND ABBREVIATIONS LISTED MAY NOT BE APPLICABLE TO THIS PROJECT. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE FOR MORE COMPLETE DESCRIPTION AND ITEMS.
2. ALL SYMBOLS AND ABBREVIATIONS REFER TO TECHNOLOGY SHEETS ONLY AS DEFINED ON THE SHEET INDEX. REFER TO THE GENERAL TECHNOLOGY NOTES FOR ADDITIONAL INFORMATION.
3. ALL SYMBOLS LISTED ABOVE ARE FOR REFERENCE ONLY. REFER TO PLANS AND LINE TYPE KEY FOR NEW, EXISTING TO REMAIN AND TO BE REMOVED ITEMS FOR ADDITIONAL INFORMATION.
4. REFER TO RISERS ON SHEET: TN500, TN501.

TECHNOLOGY EQUIPMENT SCHEDULE

THE EQUIPMENT LIST ABBREVIATIONS AND THE TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.

CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.

EQUIPMENT LIST ABBREVIATION	EQUIPMENT LIST DESCRIPTION	MANUFACTURER AND MODEL
HH##	HANDHOLE COMPOSITE POLYMER CONCRETE BODY AND COVER. STAINLESS STEEL HARDWARE BOLTED NON-SKID COVER RATED FOR 15,000LB. DESIGN LOAD OCCASIONAL NON-DELIBERATE VEHICULAR TRAFFIC. STACK UNITS TO ACIEVE DEPTH SHOWN ON PLANS. UNITS IN LANDSCAPED AREAS SHALL BE GREEN IN COLOR. "COMMUNICATIONS" LOGO ON HANHOLE COVER. CONTRACTOR SHALL FIELD VERIFY QUANTITY AND LOCATIONS. REFER TO 2/00-T400 FOR DETAIL. PW-HH-1 = 24"WX24"L.	HUBBELL/QUAZITE PG24248B24 PG2424HA00 CARSON INDUSTRIES ARMORCAST HIGHLINE PRODUCTS SYNERTECH
MH##	PRE-CAST CONCRETE MAINTENANCE HOLE. AIR ENTRAINED 4000 PSI AASHTO HS-20; BRIDGE LOADING. MONOLITHIC CONSTRUCTION IN MODULAR SECTIONS WITH TONGUE AND GROOVE JOINTS. SQUARE RECTANGUALR SHAPE WITH TRUNCATED CORNERS.30 INCH DIAMETER CLEAR OPENING. REFER TO 00-T400 FOR ADDITIONAL INFORMATION INCLUDING SIZE.	OLD CASTLE PRE-CAST JENSEN PRE-CAST E.C. BABBERT
SC-FDC-1	ANGLED OPTICAL FIBER DISTRIBUTION CABINET, RACK MOUNT. HIGH DENSITY 144 FIBER MAXIMUM CAPACITY. FOR PRETERMINATED TRUNKS FOR MCR-01 HDA DISTRIBUTION PROVIDE WITH OM4/OS1 MTP TYPE CASSETTES AS NECESSARY (LEVITON HDX ENTERPRISE SPM/PH SERIES). FOR CAMPUS TR DISTRIBUTION PROVIDE WITH OM4/OS1 LC, FUSION SPLICE TYPE CASSETTES AS NECESSARY (LEVITON HDX ENTERPRISE SPLCH SERIES). REQUIRES (1) 19" X 1.75" RACK MOUNTING SPACES.	LEVITON ENCLOSURE: OPT-X UHDX (ANGLED) REAR CABLE MANAGER: E2XHD-CMB OR EQUIVALENT
SC-MPP-2	ANGLED MODULAR PATCH PANEL, 24 MODULAR RJ-45 TERMINATIONS, MOUNTS DIRECTLY TO EIA/TIA STANDARD 19" RELAY RACK, PORT IDENTIFICATION NUMBERS, U.L. LISTED. REQUIRES (1) 1.75" MOUNTING SPACES. PROVIDE WITH REAR CABLE MANAGER AND ANGLED PANEL COVER.	LEVITON E2XHD-BLK OR EQUIVALENT

SUGGESTED MATRIX OF RESPONSIBILITY

ITEM:	SHOWN ON:	FURNISHED BY:	INSTALLED BY:	NOTES:
CONDUIT SLEEVES (WHEN SHOWN ON DRAWINGS)	TN-SERIES	E.C.	E.C.	
CONDUIT SLEEVES (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	N/A	T.C.	T.C.	1. 2.
TELECOMMUNICATION EQUIPMENT, CABLING, AND TERMINATIONS	TN-SERIES	T.C.	T.C.	
LOW VOLTAGE CABLING FOR TECHNOLOGY SYSTEMS	TN-SERIES	T.C.	T.C.	
CABLE HANGERS AND SUPPORTS OR OTHER CABLE ROUTING METHODS (OTHER THAN CONDUIT AND CABLE TRAY)	TN-SERIES	T.C.	T.C.	3.
TECHNOLOGY SERVICE ENTRANCE CONDUITS, HANDHOLES, AND MANHOLES	[E]T-SERIES	E.C.	E.C.	

SUGGESTED MATRIX OF RESPONSIBILITY NOTES

1. BASED ON THE INHERENT DIFFERENCES IN PRODUCTS FROM VARIOUS MANUFACTURERS, ALL REQUIRED EQUIPMENT MAY NOT BE SHOWN ON THE DRAWINGS FOR ALL ACCEPTABLE MANUFACTURERS.
2. ALL CHANGES TO THE SLEEVES, BACKBOXES, CONDUITS, AND POWER REQUIRED BECAUSE OF THE T.C.'S SELECTION OF AN ALTERNATE ACCEPTABLE MANUFACTURER OR FROM SYSTEM CONFIGURATIONS THAT ARE LEFT TO THE CHOICE OF THE CONTRACTOR SHALL BE INCLUDED IN THE T.C.'S BID. THIS BID SHALL INCLUDE INSTALLATION BY A LICENSED ELECTRICIAN.
5. UNLESS TRADE RULES DICTATE OTHERWISE.

TECHNOLOGY GENERAL NOTES:

1. ##.####.# INDICATES TECHNOLOGY EQUIPMENT SCHEDULE ITEM LABELED AS "EQUIPMENT LIST ABBREVIATION"
2. REFER TO TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR FULL DESCRIPTIONS AND MANUFACTURERS OF ALL DEVICES.

TECHNOLOGY MOUNTING SUBSCRIPT KEY:
A MOUNT AT +8" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH
H MOUNT ORIENTED HORIZONTALLY
L MOUNT IN CASEWORK
M MOUNT IN MODULAR FURNITURE
S MOUNT IN SURFACE RACEWAY

A SLASH IS USED BETWEEN TWO SUBSCRIPTS, E.G., A/H.

TECHNOLOGY DEMOLITION NOTES

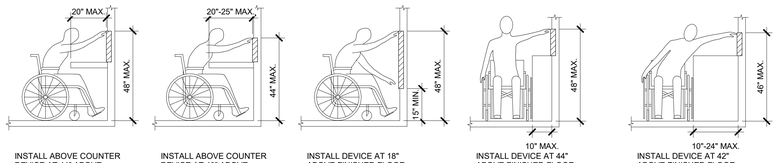
1. THE DRAWINGS INDICATE EXISTING ITEMS TO BE REMOVED. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS.
2. EXISTING TO REMAIN DEVICES WITHIN OR ADJACENT TO THE PATH OF CONSTRUCTION SHALL BE PROTECTED IN PLACE. DEVICES THAT MUST BE REMOVED SHALL BE TESTED PRIOR TO REMOVAL, PROTECTED FROM DAMAGE, AND RE-INSTALLED IN ITS ORIGINAL LOCATION DURING THE NEW CONSTRUCTION PHASE OF THE PROJECT.
3. OBTAIN APPROVAL FROM THE OWNER BEFORE TURNING OFF THE POWER TO EQUIPMENT, SYSTEMS, PANELS, ETC. COORDINATE ALL OUTAGES WITH OWNER. CONDUIT CONCEALED IN WALL CONSTRUCTION MAY BE ABANDONED IN PLACE IF NOT AFFECTED BY OTHER CONSTRUCTION.
4. ALL CONDUIT SHALL BE REMOVED WHERE WALLS ARE BEING REMOVED. WHERE CONDUIT IS IN THE CONCRETE SLAB, CUT OFF FLUSH, PULL OUT WIRE, AND PLUG. WHERE CONDUIT IS RUN EXPOSED, ALL ASSOCIATED CLAMPS, SUPPORTS, HANGERS, ETC., SHALL ALSO BE REMOVED.
5. COORDINATE ALL WORK WITH OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING EQUIPMENT AND INSTALLING NEW ITEMS.
6. EXISTING CONDUIT IN GOOD CONDITION, MAY BE REUSED IN PLACE. RELOCATING EXISTING CONDUIT SHALL NOT BE ALLOWED. BONDING CONDUCTORS SHALL BE INSTALLED IN ALL REUSED CONDUIT TO ASSURE PROPER GROUND PATH.
7. DEVICES TO BE REMOVED SHALL HAVE ALL CONNECTED WIRING REMOVED TO THE SOURCE.
8. DEVICES NOT TO BE REMOVED SHALL BE PROTECTED FROM THE ENVIRONMENT, AND ALL ASSOCIATED CABLE/RACEWAYS ARE TO REMAIN AND BE PROTECTED. T.C. SHALL BE RESPONSIBLE FOR REPAIR OF ANY INTERRUPTIONS TO PROTECTED DEVICES.

TECHNOLOGY OUTSIDE PLANT NOTES

1. THE LOCATION OF THE CONDUIT, HAND HOLES AND/OR MAINTENANCE HOLES SHOWN ARE APPROXIMATE LOCATIONS. FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIVATE AND/OR PUBLIC PRIOR TO THE INSTALLATION OF THE COMPONENT. FIELD COORDINATE THE FINAL LOCATION WITH THE OWNER AND ENGINEER PRIOR TO INSTALLATION.
2. POTHOLING TO LOCATE EXISTING UNDERGROUND UTILITIES, IF APPLICABLE, SHALL BE INCLUDED IN THE CONTRACTOR'S BID. CONTRACTOR IS RESPONSIBLE FOR FINAL PLACEMENT OF HAND HOLES AND/OR MAINTENANCE HOLES AND SHALL NOTIFY THE ENGINEER OF FINAL LOCATIONS PRIOR TO INSTALLATION.
3. HAND HOLES AND/OR MAINTENANCE HOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE GROUND LINE.
4. REMOVAL AND REPLACEMENT OF THE EXISTING UNDERGROUND UTILITIES THAT ARE REQUIRED TO COMPLETE THE INSTALLATION SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
5. CONTRACTOR SHALL INCLUDE IN THEIR BID ANY REMOVAL AND REPLACEMENT OF EXISTING SIDEWALK, PAVEMENT, GRASS, SHRUBS, TREES, ETC. THAT WILL BE IMPACTED BY THE INSTALLATION OF THE NEW CONDUITS SHOWN ON THE DRAWINGS. IF TREES ARE REQUIRED TO BE REMOVED THE CONTRACTOR SHALL CONTACT THE OWNER AND PRESENT OPTIONS PRIOR TO CUTTING DOWN ANY TREE OR SHRUB OVER 5' IN HEIGHT.
6. NO ADDITIONAL COST SHALL BE APPROVED FOR PLACING CONDUITS DEEPER THAN REQUIRED MINIMUM DEPTH TO AVOID EXISTING UNDERGROUND UTILITIES.
7. PROVIDE A MINIMUM OF 25'-0" SLACK LOOP WITHIN EACH HAND HOLES AND/OR MAINTENANCE HOLES. SLACK LOOP SHALL BE SECURE SO OR FIBER IS NOT RESTING ON EARTH AFTER FINAL INSTALLATION.

TECHNOLOGY INSTALLATION NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING NEW ADDITIONAL CONDUIT SLEEVES AS REQUIRED FOR NEW CABLING PATHWAYS. EXISTING CONDUIT SLEEVES CAN BE USED IF CONDITION AND SIZE ALLOW FOR PHASING OF NEW CABLING INSTALL. PROVIDE NEW CONDUIT SLEEVES AS NECESSARY.
2. THIS CONTRACTOR TO PROVIDE FULL TIME RCDD SUPERVISION FOR ALL DIVISION 27 WORK.
3. CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, IN FLOOR SLAB, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
4. TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO ALLOW ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF TELECOMMUNICATION DEVICES ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
6. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO DIVISION 7 FOR ADDITIONAL INFORMATION AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.
7. THE TECHNOLOGY CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF THE CEILINGS, CEILING TILES, AND CEILING GRID ASSOCIATED WITH THE AREAS OF WORK BY ALL CONTRACTORS.
8. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO THE WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
9. REFER TO SPECIFICATION 27 05 26 FOR PULL BOX, JUNCTION BOX, AND CONDUIT BEND REQUIREMENTS.
10. ALL PENETRATION WALL AND FLOORS CONTAINING A FIRE RATING SHALL BE TEMPORARY SEALED BETWEEN SHIFTS OF WORK.



INSTALL ABOVE COUNTER DEVICE AT 44" ABOVE FINISHED FLOOR.
INSTALL ABOVE COUNTER DEVICE AT 40" ABOVE FINISHED FLOOR.
INSTALL DEVICE AT 18" ABOVE FINISHED FLOOR.
INSTALL DEVICE AT 44" ABOVE FINISHED FLOOR.
INSTALL DEVICE AT 42" ABOVE FINISHED FLOOR.

ADA GUIDELINES - FRONT ACCESS
ADA GUIDELINES - SIDE ACCESS

ADA STANDARDS FOR ACCESSIBLE DESIGN

Revisions:	Date:

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RCDD No. 191562R
EXPIRES 12-31-2025
RCDD

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

Drawing Title: TECHNOLOGY COVERSHEET
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: DJJ
Drawn: MDO
Project Number: 620A4-22-700
Building Number: N/A
Drawing Number: TN000

VA FORM 08 - 6231

GENERAL NOTES:

1. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PERFORMING DETAILED TAKE-OFF AND VERIFYING ALL OPTICAL FIBER CABLING QUANTITIES, ROUTES AND CONFIGURATIONS INDICATED ON THE DRAWINGS. VERIFICATION MUST BE COMPLETED PRIOR TO BID SUBMISSION, MATERIAL PROCUREMENT AND INSTALLATION.

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDTIONAL INFORMATION.
2. REFER TO T500 AND T501 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO F1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
5. ALL OPTICAL FIBER BACKBONE CABLE PATHWAYS SHALL BE NEW. DO NOT RE-USE EXISTING CABLE PATHWAYS FOR NEW BACKBONE CABLES
6. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.

1 **SITE PLAN - TECHNOLOGY**
1" = 80'-0"

PROJECT NORTH

0' 32' 64' 128'

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SITE PLAN - TECHNOLOGY	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:		Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: N/A
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: TN100

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
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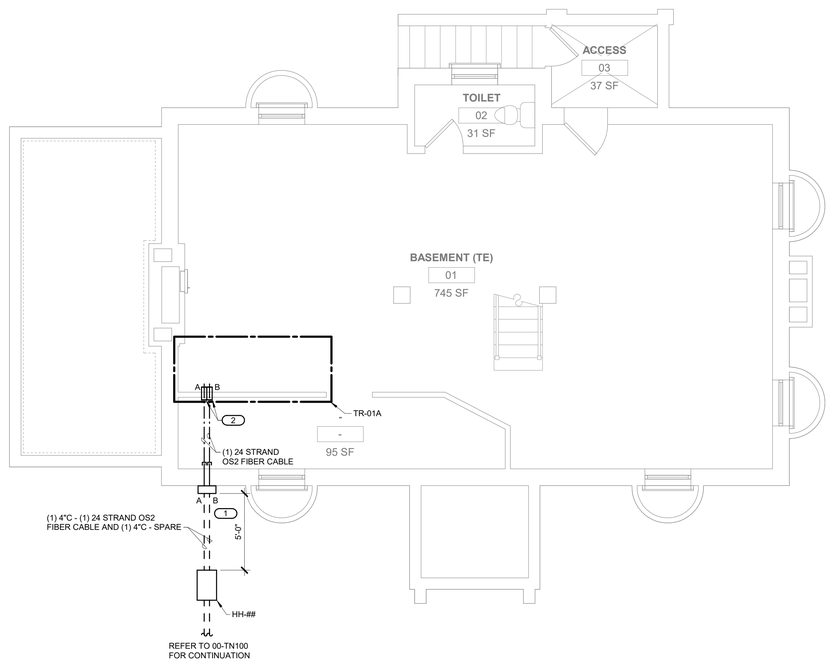
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

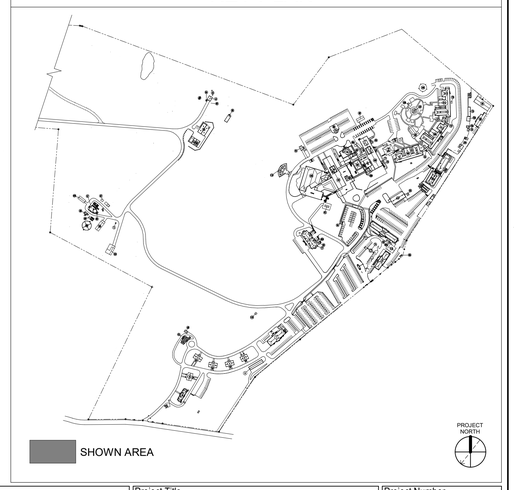
1. PROVIDE PULLBOX ON EXTERIOR WALL AT HEIGHT ABOVE BASEMENT CEILING. ROUTE CONDUIT FROM HANDHOLE UP WALL TO PULLBOX. PROVIDE PENETRATION THRU EXTERIOR WALL AND STUB CONDUIT ABOVE BASEMENT CEILING. ROUTE NEW ARMORED-CLAD FIBER IN J-HOOKS TO TR.
2. PROVIDE PENETRATION THRU WALL AND PATHWAYS TO ROUTE FIBER CABLES INTO TR. CONTINUE ROUTE OF CABLES ALONG CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.



1 **BUILDING 01 BASEMENT PLAN - TECHNOLOGY**
1/4" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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Drawing Title	Phase	Project Title	Project Number
BUILDING 01 - BASEMENT PLAN - TECHNOLOGY	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 01
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 001TN100B
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 AND T501 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
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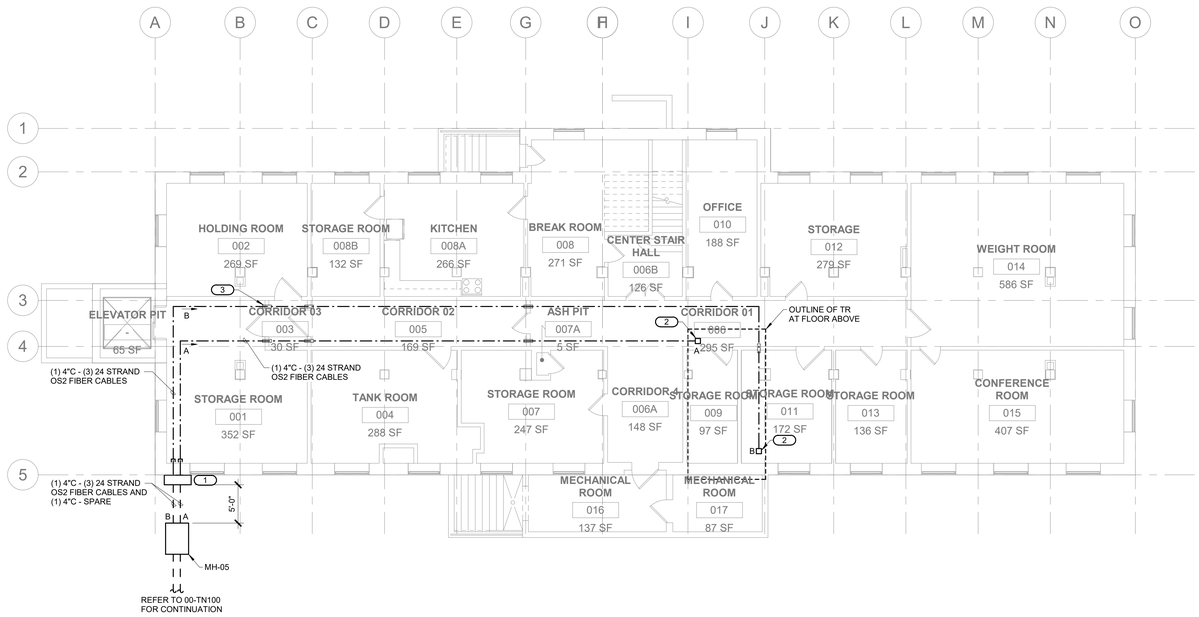
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

1. PROVIDE PULLBOX ON EXTERIOR WALL AT HEIGHT ABOVE BASEMENT CEILING. ROUTE CONDUITS FROM HANDHOLE UP WALL TO PULLBOX. PROVIDE PENETRATIONS THROUGH WALL AND STUB CONDUTS INTO BASEMENT ABOVE FINISHED CEILING. CONTINUE ROUTE OF ARMORED-FIBER CABLES IN J-HOOKS TO LOCATION BELOW FIRST FLOOR TR.
2. PROVIDED PENETRATION THRU BASEMENT CEILING DECK AND PATHWAYS TO ROUTE CABLES UP INTO FIRST FLOOR TR. REFER TO FIRST FLOOR PLAN FOR ADDITIONAL WORK REQUIREMENTS.
3. PROVIDE PENETRATIONS THROUGH WALL AND PATHWAYS FOR ROUTE OF FIBER CABLE BETWEEN ROOOMS.



1 BUILDING 07 - LEVEL 00 FLOOR PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

0' 4' 8' 16'

KEY PLAN

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 07 - LEVEL 00 FLOOR PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025 | Checked: DJJ | Drawn: MDO

Project Number: 620A4-22-700

Building Number: 07

Drawing Number: 007TN100

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 AND T501 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
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7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

1. ROUTE ARMORED-FIBER CABLES UP THROUGH PATHWAYS TO HEIGHT ABOVE CABLE TRAY. ROUTE FIBER CABLES THAT SERVE TR ON THIS FLOOR ALONG CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.
2. PROVIDE PENETRATION THROUGH WALL AND PATHWAYS TO ROUTE CABLES THAT SERVE FLOOR ABOVE TO LOCATION OF NEW PATHWAYS BELOW TR
3. PROVIDE PENETRATION THROUGH CEILING DECK AND PATHWAYS BELOW SECOND TR. ROUTE CABLES UP THRU SLEEVE INTO SECOND FLOOR TR. REFER TO SECOND FLOOR PLAN FOR ADDITIONAL WORK REQUIREMENTS.

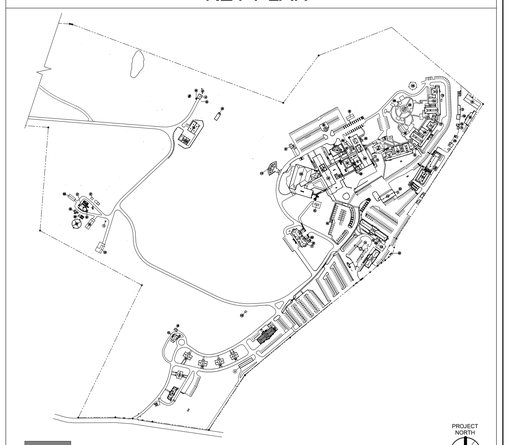
1 BUILDING 07 - LEVEL 01 FLOOR PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

0' 4' 8' 16'

KEY PLAN



SHOWN AREA

PROJECT NORTH

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 07 - LEVEL 01 FLOOR PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025

Checked: DJJ

Drawn: MDO

Project Number: 620A4-22-700

Building Number: 07

Drawing Number: 007TN101

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 AND T501 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
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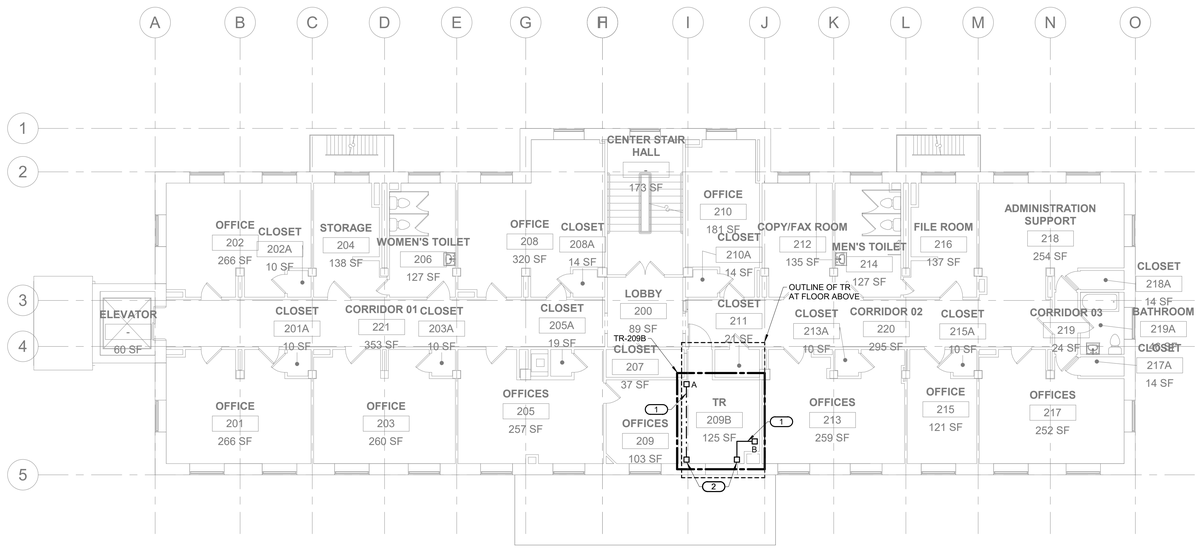
KEYNOTES: (#)

1. ROUTE ARMORED FIBER CABLES UP THROUGH PATHWAYS TO HEIGHT ABOVE CABLE TRAY TO FIBER ENLOSURE IN EQUIPMENT RACK. CONTINUE ROUTE OF CABLES THAT SERVE FLOOR ABOVE TO LOCATION OF CONDUIT SLEEVE.
2. PROVIDE PENTRATION THROUGH CEILING DECK AND PATHWAYS AT LOCATION BELOW THIRD FLOOR TR. ROUTE CABLES UP THROUGH PATHWAYS INTO THIRD FLOOR TR. REFER TO THIRD FLOOR PLAN FOR ADDITIONAL WORK REQUIREMENTS.



1 BUILDING 07 - LEVEL 02 FLOOR PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN

Revisions:	Date:

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Reg. No. 191562R
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BUILDING 07 - LEVEL 02 FLOOR PLAN - TECHNOLOGY	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 07
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 007TN102

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 AND T501 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO F1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
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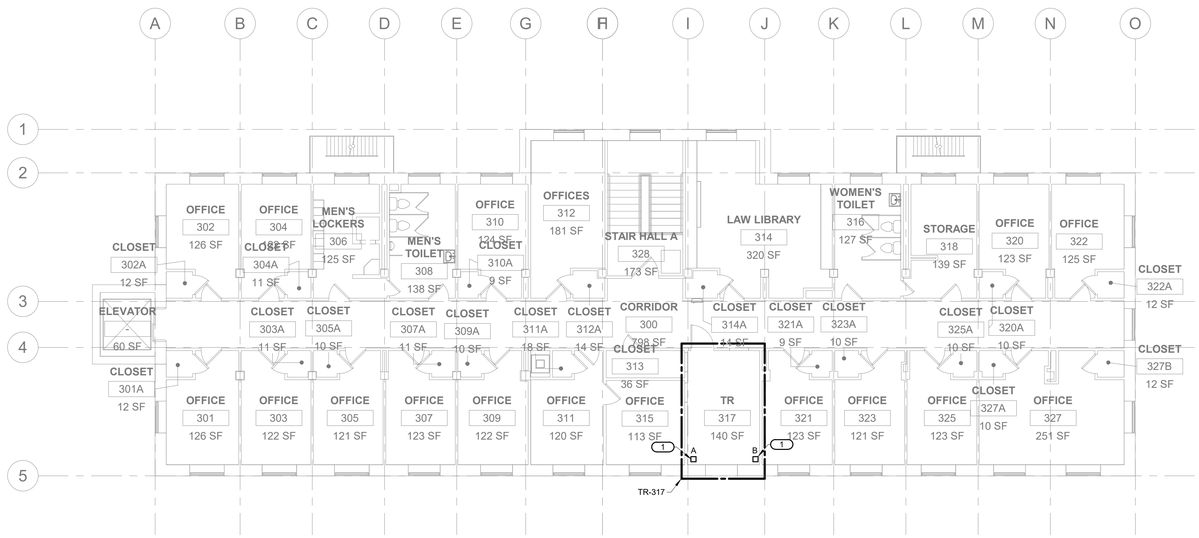
KEYNOTES: (#)

1. ROUTE CABLES UP THROUGH PATHWAYS TO HEIGHT ABOVE CABLE TRAY. CONTINUE FIBER CABLES ALONG CABLE TRAY AND OVER TO FIBER ENCLOSURE IN EQUIPMENT RACK.



1 BUILDING 07 - LEVEL 03 FLOOR PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

0' 4' 8' 16'

KEY PLAN

Revisions:	Date:

CONSULTANT

TECHNOLOGY:
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15 SUNNEN DRIVE, SUITE 104
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DAVE LARSON

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ARCHITECT/ENGINEER OF RECORD

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(206) 590-2118
RAY SPEES

SDB SPEESDESIGNBUILD

STAMP

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Eddie C. Willis, Jr.
Reg. No. 191562R
Expires 12-31-2025
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 07 - LEVEL 03 FLOOR PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 07
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 007TN103

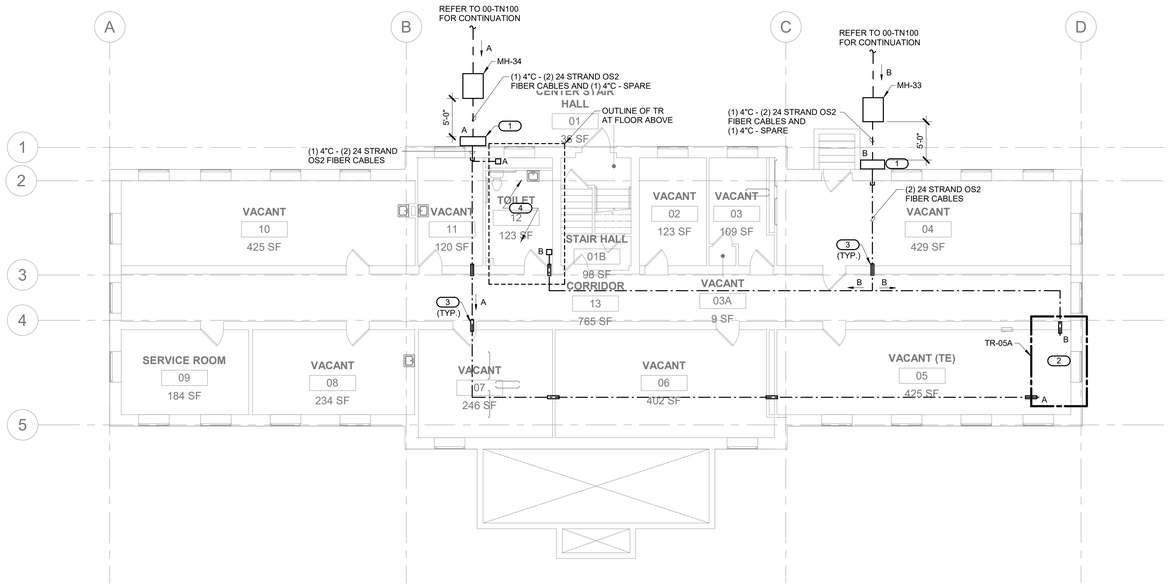
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
5. ALL OPTICAL FIBER BACKBONE CABLE PATHWAYS SHALL BE NEW. DO NOT RE-USE EXISTING CABLE PATHWAYS FOR NEW BACKBONE CABLES.
6. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

1. PROVIDE PULLBOX ON EXTERIOR WALL AT HEIGHT ABOVE BASEMENT CEILING. ROUTE CONDUIT FROM HANDHOLE UP WALL TO PULLBOX. PROVIDE PENETRATION THRU EXTERIOR WALL AND STUB CONDUIT THRU WALL ABOVE FINISHED CEILING. ROUTE ARMORED-CLAD FIBER ABOVE CEILING IN J-HOOKS TO BASEMENT TR.
2. CONTINUE ROUTE OF CABLES ALONG CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.
3. PROVIDE PENETRATIONS THRU WALL AND PATHWAYS FOR ROUTE OF FIBER CABLE BETWEEN ROOMS.
4. PROVIDE PENETRATIONS AND PATHWAYS THROUGH BASEMENT CEILING DECK AT LOCATION BELOW FIRST FLOOR TR. ROUTE CABLES UP THRU PATHWAYS INTO FIRST FLOOR TR. REFER TO FIRST FLOOR PLAN FOR ADDITIONAL WORK REQUIREMENTS.

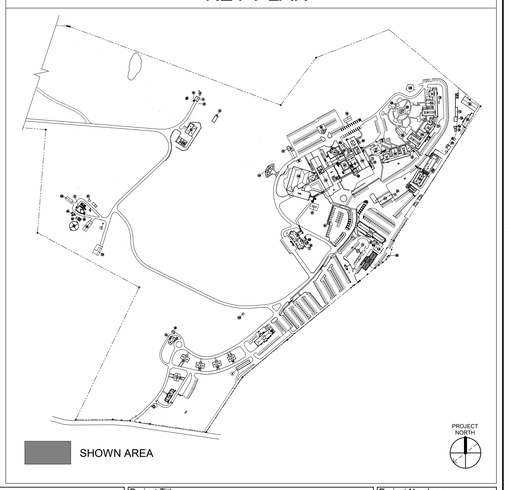


1 BUILDING 08 LEVEL 00 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

CONSULTANT

TECHNOLOGY:
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EXPIRES 12-31-2025
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Office of Construction and Facilities Management

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Drawing Title: BUILDING 08 - LEVEL 00 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
Approved:			Building Number: 08
		Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 008TN100
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
5. ALL OPTICAL FIBER BACKBONE CABLE PATHWAYS SHALL BE NEW. DO NOT RE-USE EXISTING CABLE PATHWAYS FOR NEW BACKBONE CABLES.
6. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

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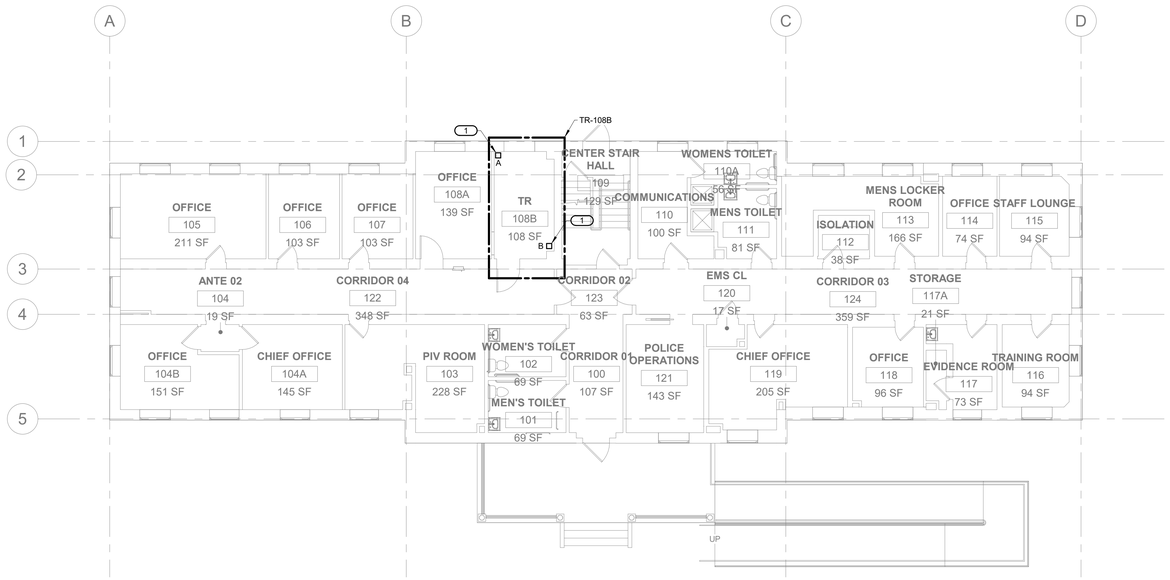
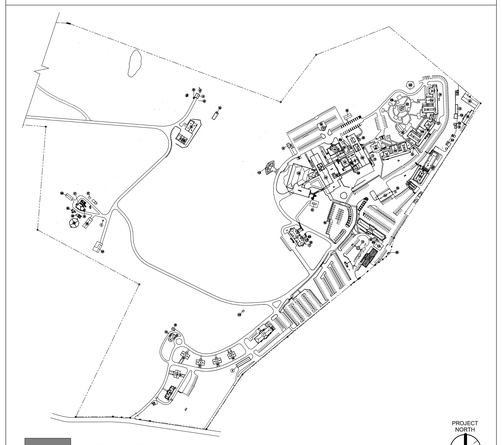


1 BUILDING 08 LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT

TECHNOLOGY:
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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BUILDING 08 - LEVEL 01 PLAN - TECHNOLOGY	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:		Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 08
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 008TN101

VA FORM 08 - 6231

SHEET NOTES:

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3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
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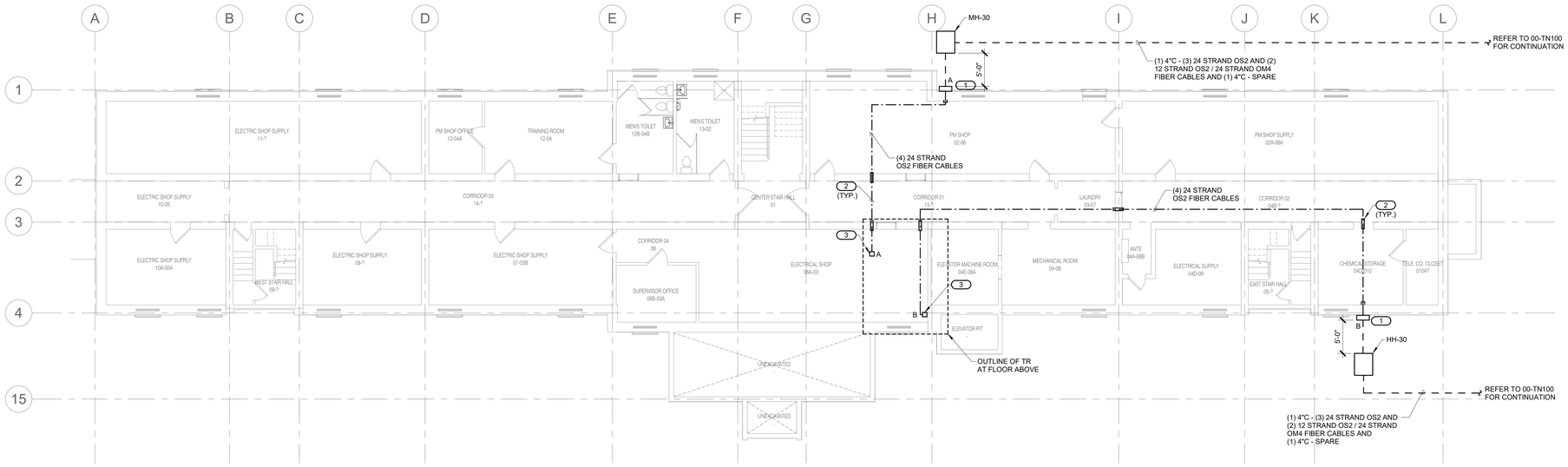
5. ALL OPTICAL FIBER BACKBONE CABLE PATHWAYS SHALL BE NEW. DO NOT RE-USE EXISTING CABLE PATHWAYS FOR NEW BACKBONE CABLES.
6. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

1. PROVIDE PULLBOX ON EXTERIOR WALL AT HEIGHT ABOVE BASEMENT CEILING. ROUTE CONDUIT FROM HANDHOLE UP WALL TO PULLBOX. PROVIDE PENETRATION THRU EXTERIOR WALL AND STUB CONDUIT THRU WALL ABOVE FINISHED CEILING. ROUTE ARMORED-CLAD FIBER ABOVE CEILING IN J-HOOKS TO LOCATION BELOW FIRST FLOOR TR.
2. PROVIDE PENETRATIONS THRU WALLS AND PATHWAYS FOR ROUTE OF FIBER CABLE BETWEEN ROOMS.
3. PROVIDE PENETRATIONS AND CONDUIT SLEEVES THRU BASEMENT CEILING DECK AT LOCATION BELOW FIRST FLOOR TR, ROUTE CABLES UP THRU PATHWAYS INTO FIRST FLOOR TR. REFER TO FIRST FLOOR PLAN FOR ADDITIONAL WORK REQUIREMENTS.

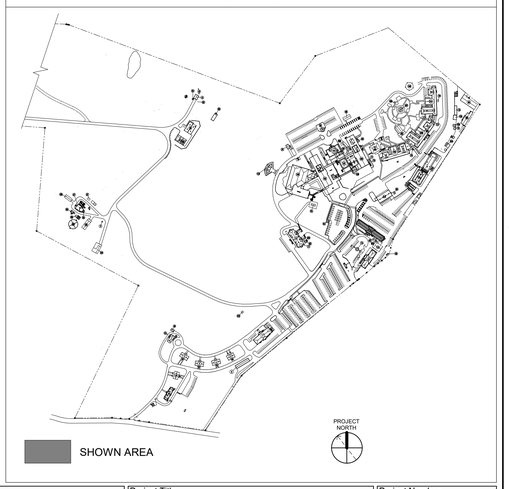


1 BUILDING 09 - LEVEL 00 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title	BUILDING 09 - LEVEL 00 PLAN - TECHNOLOGY
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	F
Project Title	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location	VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590
Issue Date	11/07/2025
Checked	DJJ
Drawn	MDO
Project Number	620A4-22-700
Building Number	09
Drawing Number	009TN100

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
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KEYNOTES: (#)

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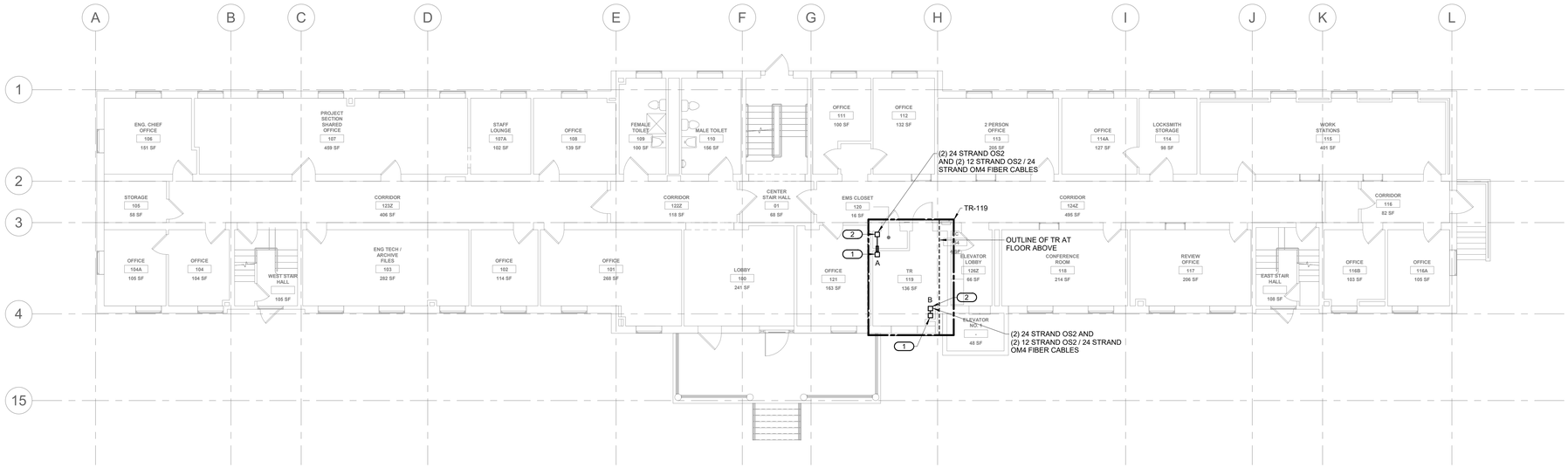
2. CONTINUE ROUTE CABLES THAT SERVE FLOOR ABOVE TO LOCATION BELOW TR AT FLOOR ABOVE. PROVIDE PENETRATION AND PATHWAYS TO ROUTE CABLES UP INTO SECOND FLOOR TR. REFER TO SECOND FLOOR PLAN FOR ADDITIONAL WORK REQUIREMENTS.

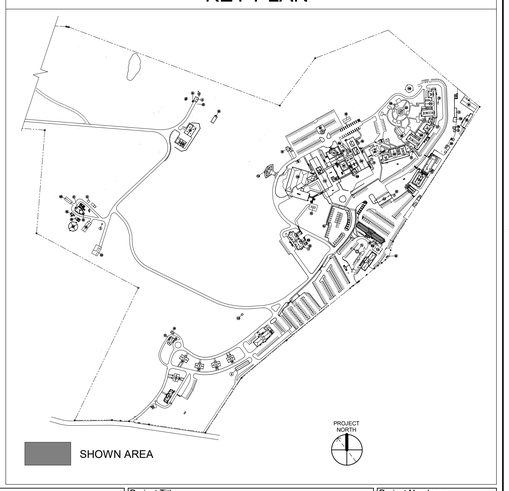


1 BUILDING 09 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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ARCHITECT/ENGINEER OF RECORD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BUILDING 09 - LEVEL 01 PLAN - TECHNOLOGY
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location	VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590
Issue Date	11/07/2025
Checked	DJJ
Drawn	MDO
Project Number	620A4-22-700
Building Number	09
Drawing Number	009TN101

VA FORM 08 - 6231

SHEET NOTES:

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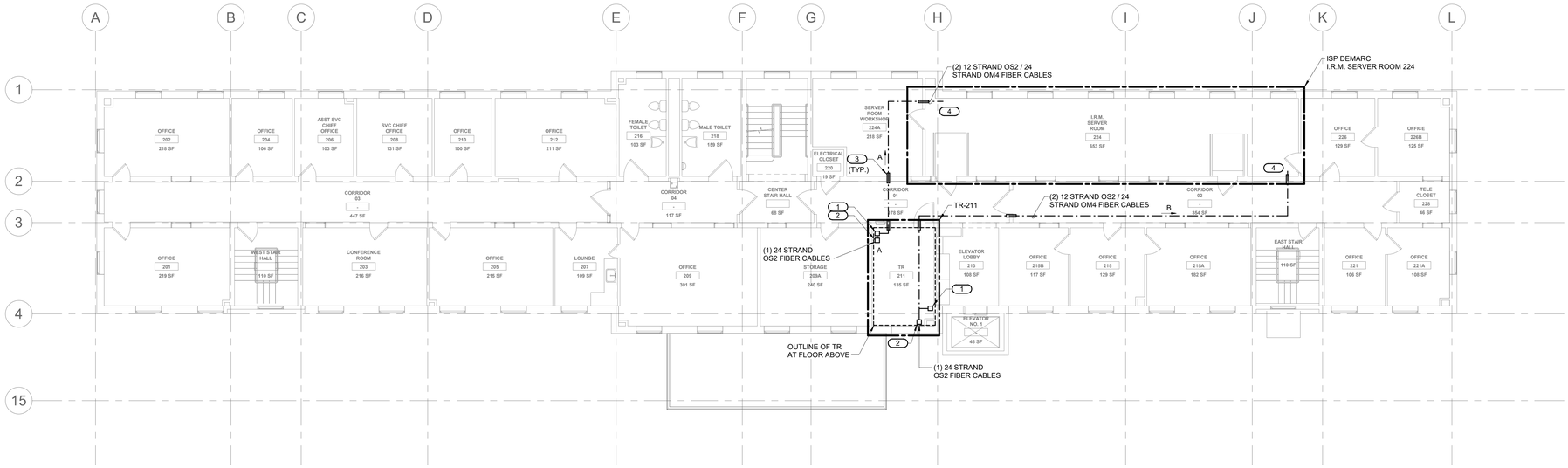
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

1. ROUTE FIBER CABLE UP THROUGH PATHWAYS TO HEIGHT ABOVE CABLE TRAY. ROUTE CABLES THAT SERVE THIS FLOOR ALONG CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.
2. PROVIDE PENETRATION THRU CEILING DECK AND PATHWAYS AT LOCATION BELOW THIRD FLOOR TR. ROUTE CABLE UP INTO THIRD FLOOR TR. REFER TO THIRD FLOOR PLAN FOR ADDITIONAL WORK REQUIREMENTS.
3. PROVIDE PENERATION THRU WALL AND PATHWAYS TO ROUTE CABLES BETWEEN ROOMS.
4. ROUTE FIBER CABLES DEDICATED I.R.M. SERVER ROOM THRU WALL AND INTO SERVER ROOM. CONTINUE ROUTE OF CABLES ALONG EXISTING CABLE SUPPORTS TO EQUIPMENT RACKS. FIELD VERIFY TERMINATION LOCATION WITH VA.

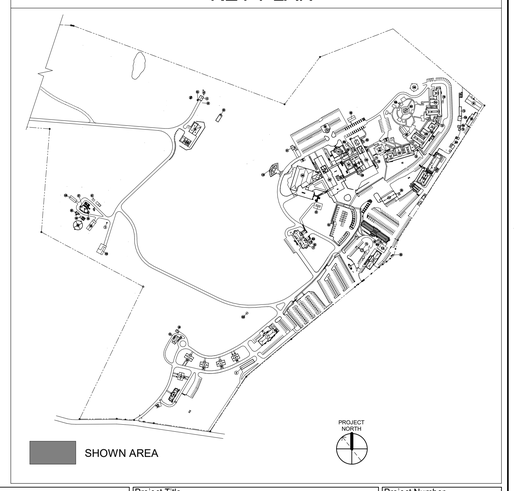


1 BUILDING 09 - LEVEL 02 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

CONSULTANT

TECHNOLOGY:
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15 SUNNEN DRIVE, SUITE 104
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Eddie C. Willis, Jr.
Reg. No. 191562R
Expires 12-31-2025
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BUILDING 09 - LEVEL 02 PLAN - TECHNOLOGY	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:		Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 09
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 009TN102

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
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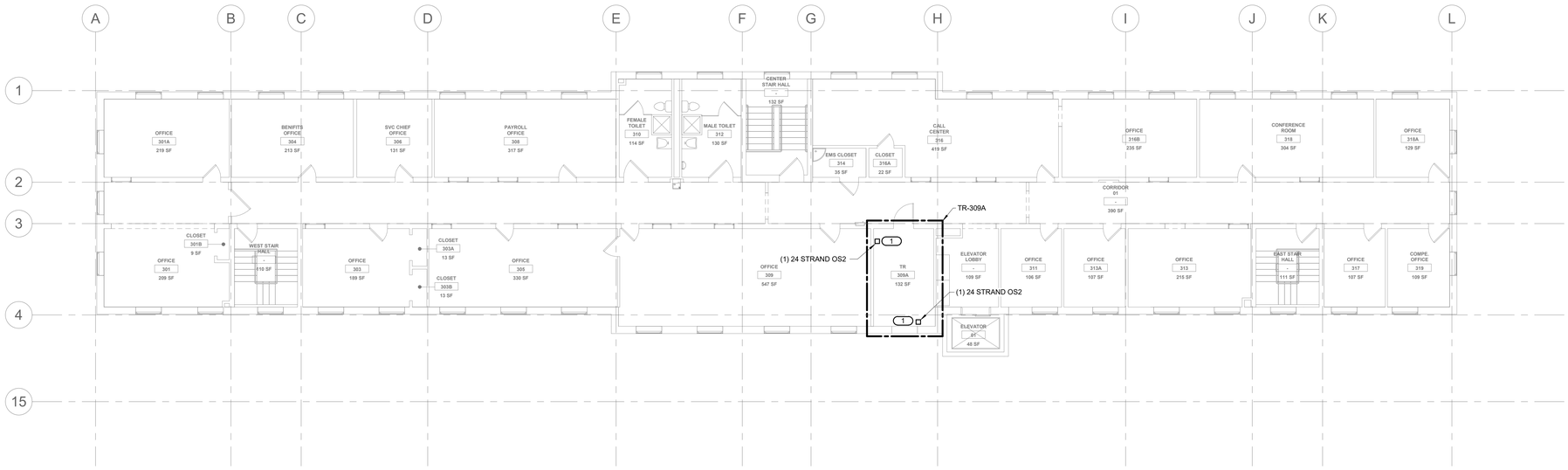
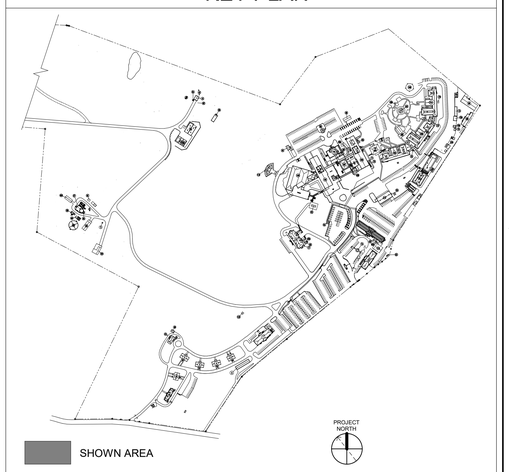


1 BUILDING 09 - LEVEL 03 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

CONSULTANT

TECHNOLOGY:
IMEG CORP
15 SUNNEN DRIVE, SUITE 104
ST. LOUIS, MO 63143
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RAY SPEES

STAMP: REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Eddie C. Willis, Jr. — Reg. No. 191562R — Expires 10-31-2025 — RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 09 - LEVEL 03 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
Approved:		Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 09
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 009TN103

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
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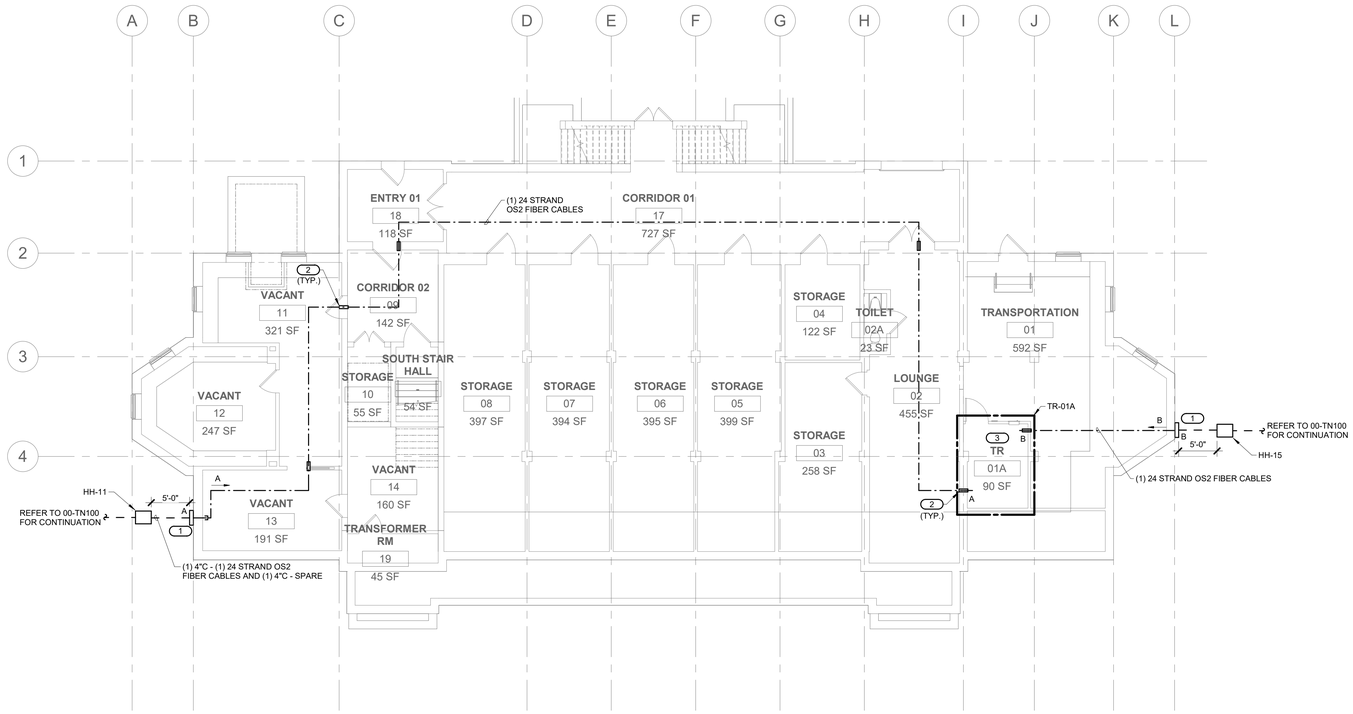
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

1. PROVIDE PULLBOX ON EXTERIOR WALL AT HEIGHT ABOVE BASEMENT CEILING. ROUTE CONDUIT FROM HANDHOLE UP WALL TO PULLBOX. PROVIDE PENETRATION THROUGH EXTERIOR WALL AND STUB CONDUIT INTO BASEMENT ABOVE CEILING. CONTINUE ROUTE OF ARMORED FIBER CABLES TO TR.
2. PROVIDE PENERATION THROUGH WALL AND PATHWAYS TO ROUTE CABLES BETWEEN ROOMS.
3. ROUTE CABLES INTO TR AND ALONG CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.



1 BUILDING 13 - LEVEL 00 PLAN - TECHNOLOGY

1/8" = 1'-0"

KEY PLAN

Revisions:	Date:

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Expires 12-31-2025
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 13 - LEVEL 00 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 13
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 013TN100
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDTIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) V/A #6AWG BONDING CONDUCTOR AND BONDING KIT.
4. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.

KEYNOTES: #

1. PROVIDE PENETRATIONS AND PATHWAYS THROUGH WALL TO ROUTE FIBER CABLES INTO TR. CONTINUE ROUTE OF CABLES ALONG CABLE TRAY TO FIBER DISTRIBUTION IN EQUIPMENT RACK.

1 BUILDING 15E - LEVEL 00 PLAN - TECHNOLOGY - AREA A

1/8" = 1'-0"

Revisions:	Date:

CONSULTANT

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Drawing Title: BUILDING 15E - LEVEL 00 PLAN - TECHNOLOGY - AREA A

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025
Checked: DJJ
Drawn: MDO

Project Number: 620A4-22-700
Building Number: 15E
Drawing Number: 015ETN100A

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) V/A #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

1. PROVIDE PENETRATIONS AND PATHWAYS THROUGH WALL TO ROUTE FIBER CABLES THROUGH CORRIDORS.

1 BUILDING 15E - LEVEL 01 PLAN - TECHNOLOGY - AREA A

1/8" = 1'-0"

Revisions:	Date:

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Drawing Title: BUILDING 15E - LEVEL 01 PLAN - TECHNOLOGY - AREA A

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025 | Checked: DJJ | Drawn: MDO

Project Number: 620A4-22-700

Building Number: 15E

Drawing Number: 015ETN101A

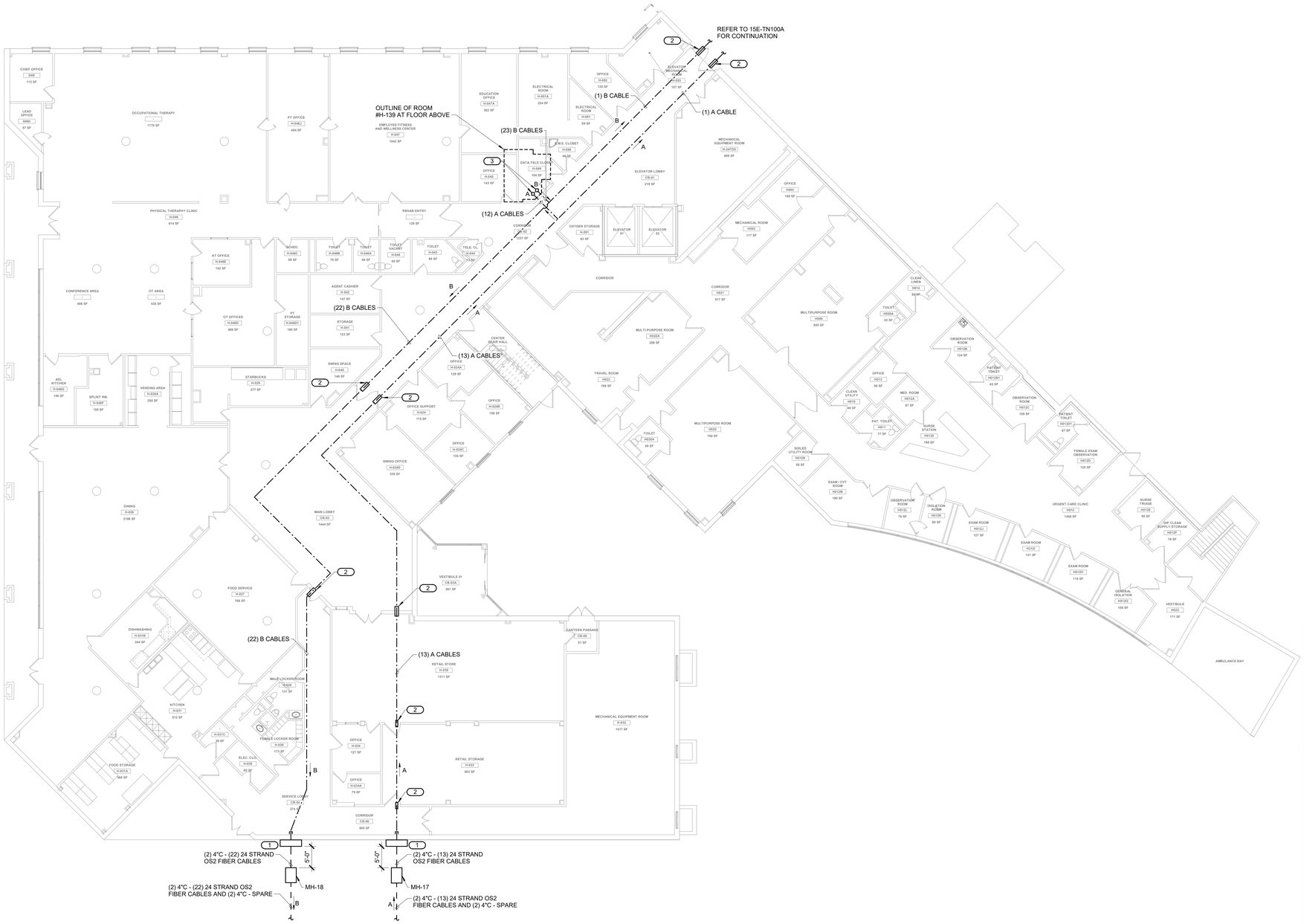
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
5. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.
6. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

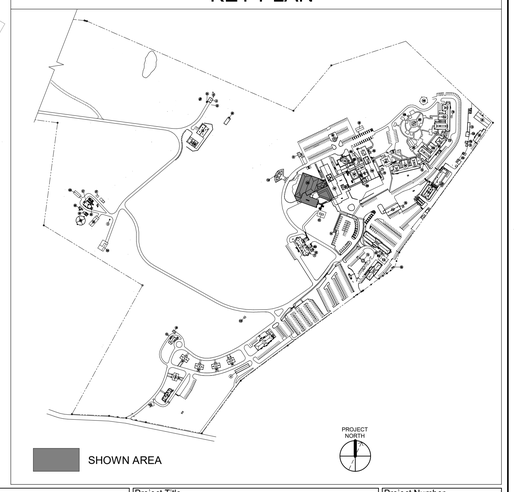
1. PROVIDE PULLBOX ON EXTERIOR WALL AT HEIGHT ABOVE BASEMENT FINISHED CEILING. ROUTE CONDUITS FROM HANDHOLE UP WALL TO PULLBOX. PROVIDE PENETRATION THRU EXTERIOR WALL AND STUB CONDUITS ABOVE LOBBY CEILING.
2. PROVIDE PENETRATIONS THRU WALL AND 4" SQ. FIRE-RATED PATHWAYS TO ROUTE NEW CABLES ABOVE CEILING THRU DOORWAY HEADERS. FIELD VERIFY EXACT LOCATIONS.
3. PROVIDE PENETRATIONS THRU BASEMENT CEILING DECK AND 4" SQ. FIRE-RATED PATHWAYS TO ROUTE NEW CABLES UP INTO TR #H-139 CEILING THRU DOORWAY HEADER. FIELD VERIFY EXACT LOCATIONS.



1 BUILDING 15H - LEVEL 00 PLAN - TECHNOLOGY

3/32" = 1'-0"

KEY PLAN



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Drawing Title: BUILDING 15H - LEVEL 00 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 15H
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 015HTN100

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

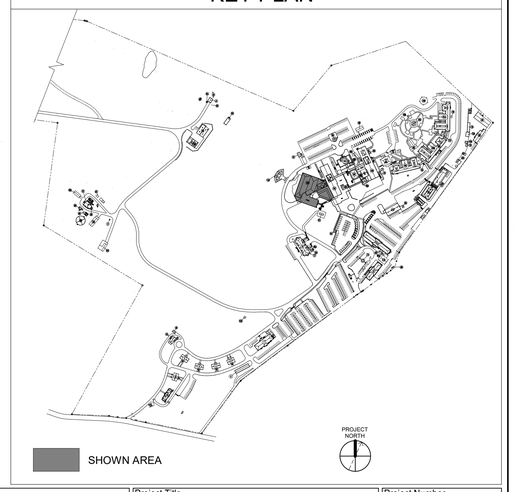
1. ROUTE FIBER CABLES UP THRU NEW PATHWAYS IN DATA CLOSET #H-139 AND THROUGH CORRIDOR ABOVE CEILING.
2. ROUTE CABLES INTO TR #H-140. ROUTE CABLES FOR TR #H-140 TO FIBER DISTRIBUTION CABINET IN RACK. PROVIDE PENETRATIONS AND PATHWAYS THROUGH CEILING DECK AND CONTINUE ROUTE OF REMAINING CABLES INTO TR AT FLOOR ABOVE.

1 BUILDING 15H - LEVEL 01 PLAN - TECHNOLOGY

3/32" = 1'-0"

PROJECT NORTH

KEY PLAN



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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 15H - LEVEL 01 PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025 | Checked: DJJ | Drawn: MDO

Project Number: 620A4-22-700
Building Number: 15H
Drawing Number: 015HTN101

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
4. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

1. ROUTE CABLES UP INTO TR #H-255. ROUTE CABLES FOR TR #H-255 TO FIBER DISTRIBUTION CABINET IN RACK. PROVIDE PENETRATIONS AND PATHWAYS THROUGH CEILING DECK AND CONTINUE ROUTE OF REMAINING CABLES INTO TR AT FLOOR ABOVE.

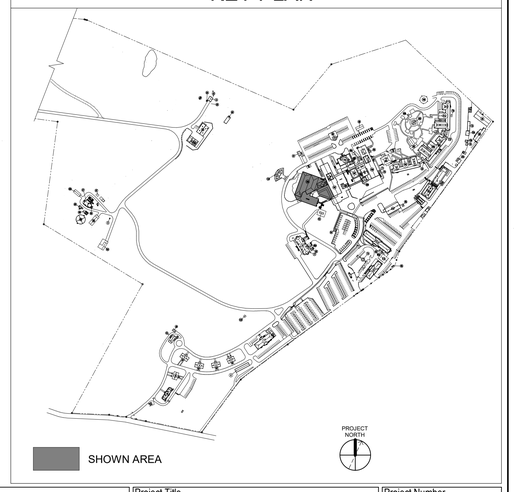
1 BUILDING 15H - LEVEL 02 PLAN - TECHNOLOGY

3/32" = 1'-0"

PROJECT NORTH

0' 4' 8' 16'

KEY PLAN



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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 15H - LEVEL 02 PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

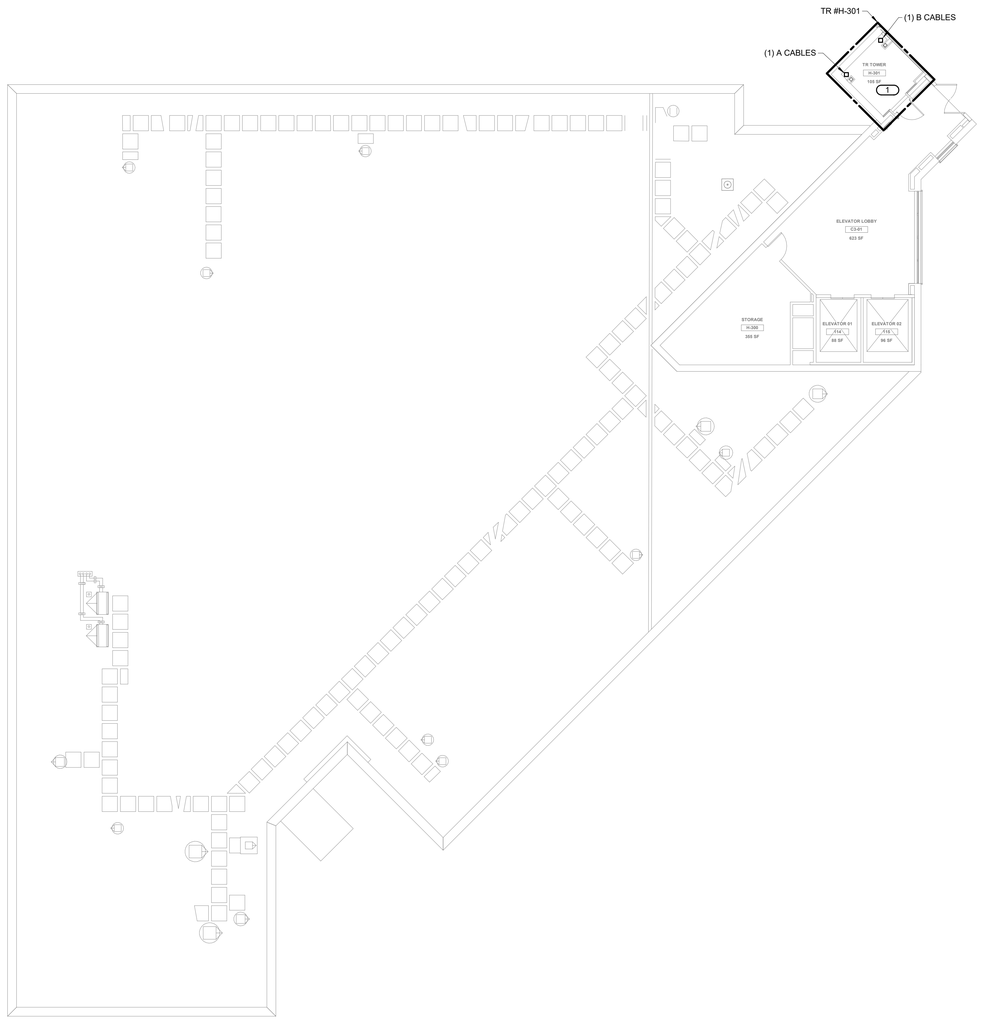
Issue Date: 11/07/2025 | Checked: DJJ | Drawn: MDO

Project Number: 620A4-22-700

Building Number: 15H

Drawing Number: 015HTN102

VA FORM 08 - 6231



1 BUILDING 15H - LEVEL 03 PLAN - TECHNOLOGY

3/32" = 1'-0"

PROJECT NORTH

0' 4' 8' 16'

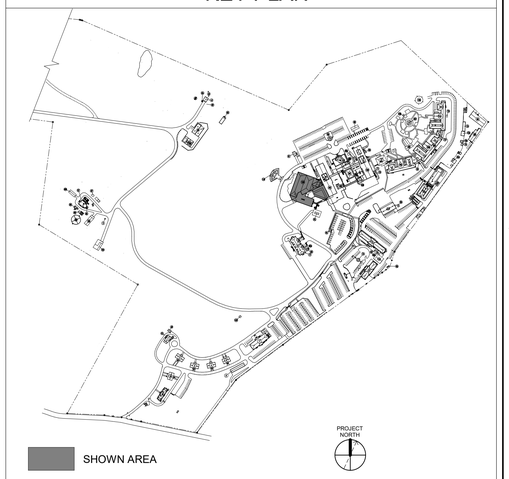
SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
4. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: #

1. ROUTE CABLES UP INTO TR #H-301. ROUTE CABLES ALONG CABLE TRAY TO FIBER DISTRIBUTION CABINET IN EQUIPMENT RACK.

KEY PLAN



Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 15H - LEVEL 03 PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025

Checked: DJJ

Drawn: MDO

Project Number: 620A4-22-700

Building Number: 15H

Drawing Number: 015HTN103

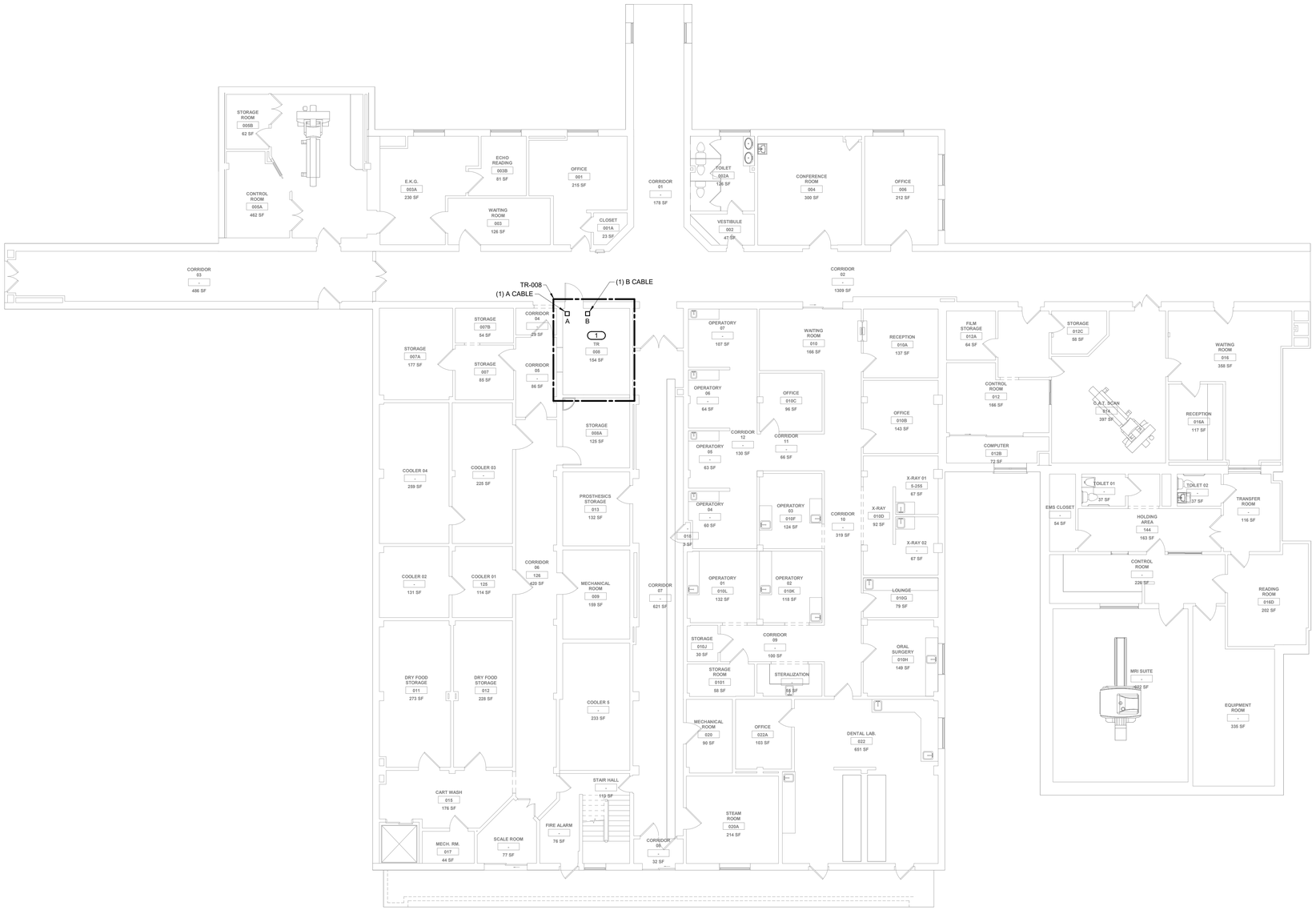
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: #

1. PROVIDE PENETRATION THROUGH CEILING DECK AND PATHWAYS TO ROUTE NEW FIBER CABLES DOWN FROM FIRST FLOOR INTO TR # 008. CONTINUE ROUTE OF CABLES ON CABLE TRAY TO FIBER DISTRIBUTION CABINET IN RACK. REFER TO BLDG. 16 LEVEL 01 PLAN FOR ADDITIONAL WORK REQUIREMENTS.

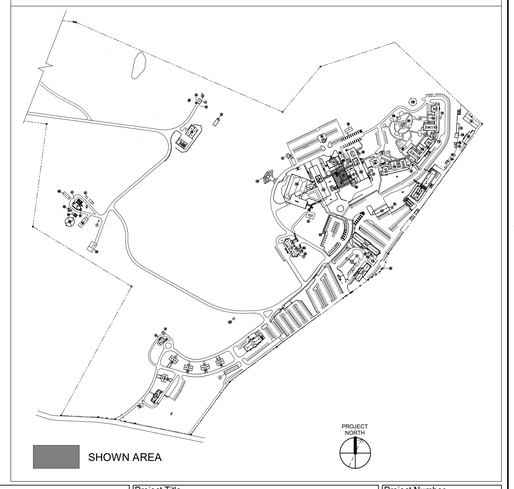


1 BUILDING 16 - LEVEL 00 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 16 - LEVEL 00 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 16
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 016TN100
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

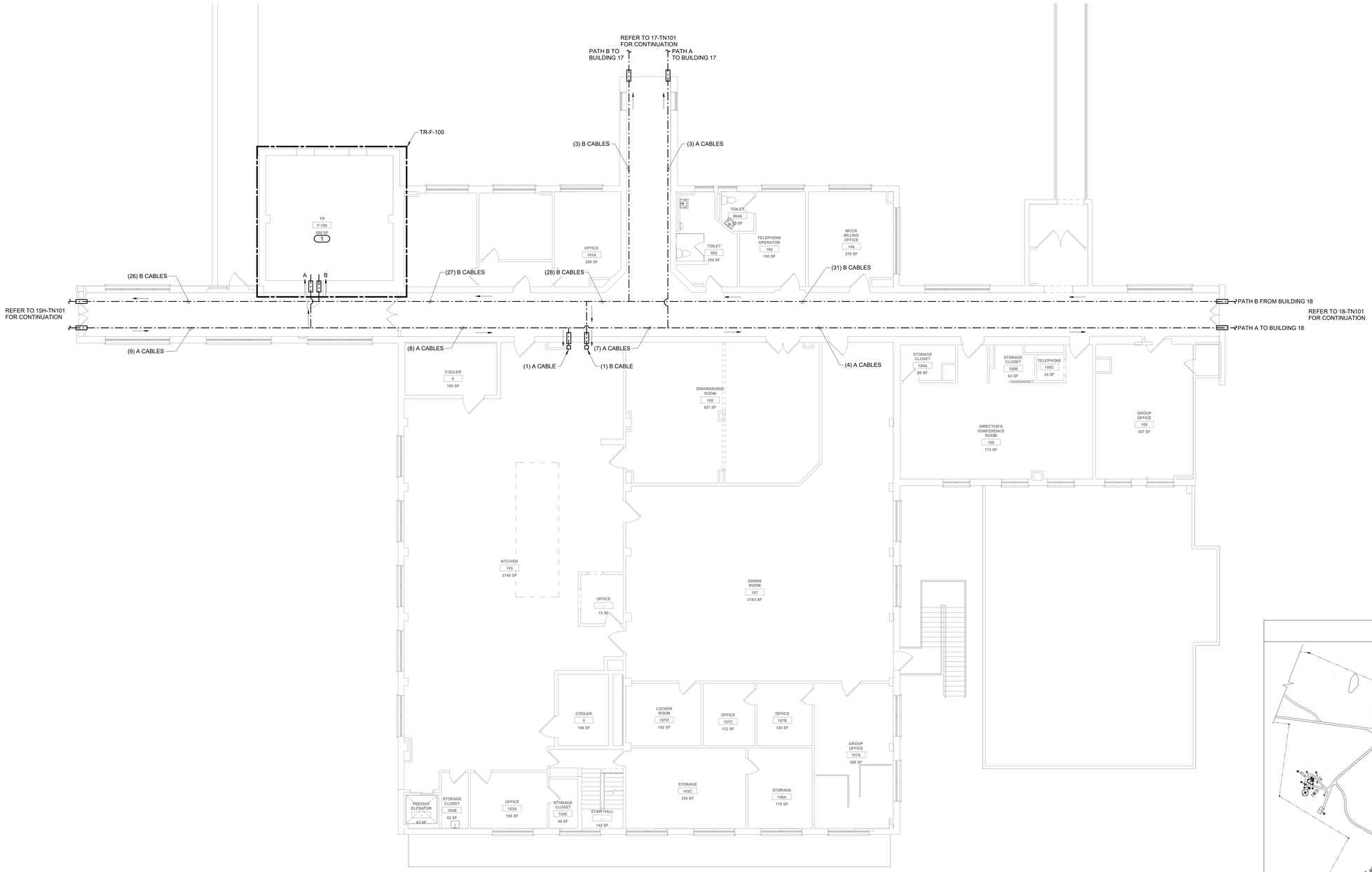
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

1. PROVIDE PENETRATION THROUGH WALL AND ROUTE NEW FIBER CABLES INTO TR #F10. CONTINUE ROUTE OF CABLES ON CABLE TRAY TO FIBER DISTRIBUTION CABINET IN RACK.
2. PROVIDE PENETRATION THROUGH FLOOR AND PATHWAYS TO ROUTE NEW FIBER CABLES DOWN TO TR #008. REFER TO BLDG. 16 LEVEL 00 PLAN FOR FOR LOCATION OF TR # 008.

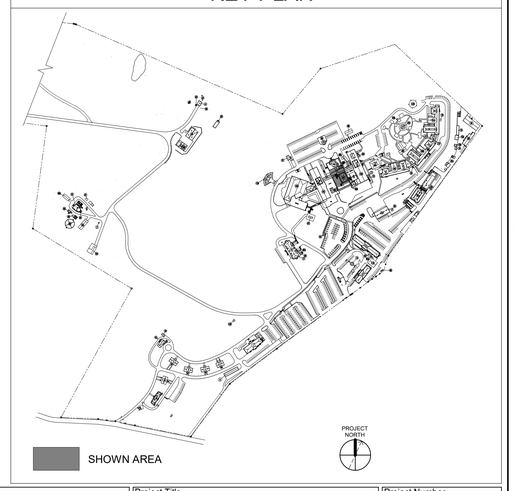


1 BUILDING 16 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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

Drawing Title: BUILDING 16 - LEVEL 01 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 16
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 016TN101
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

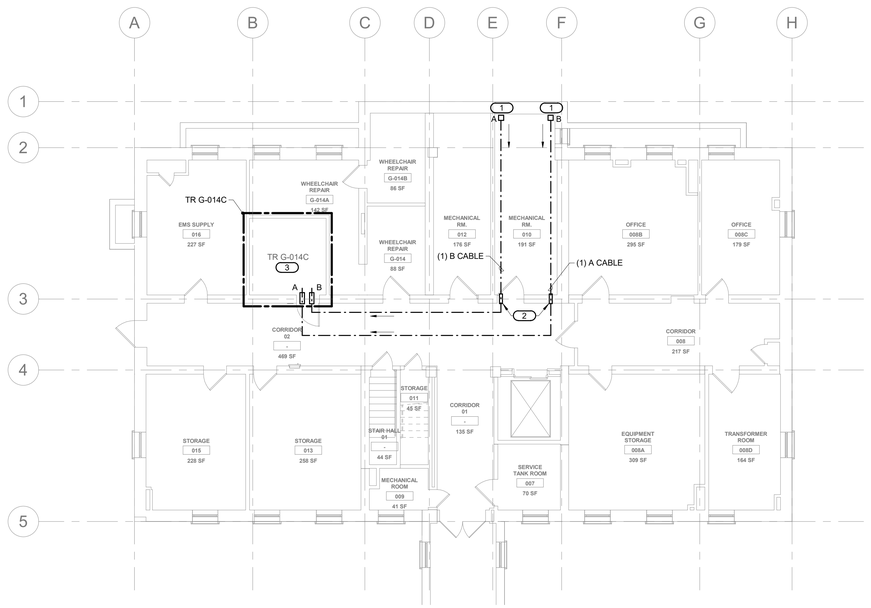
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

1. ROVIDE PENETRATION THROUGH CEILING DECK AND PATHWAYS TO ROUTE NEW FIBER CABLES DOWN FROM LEVEL 01 TO CEILING HEIGHT OF MECH ROOM #010. CONTINUE ROUTE OF CABLES ABOVE CEILING TO TR #G-014C.
2. PROVIDE PENETRATION THROUGH WALL AND PATHWAY. ROUTE NEW FIBER CABLES INTO TR #G-014C.
3. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER DISTRIBUTION CABINET IN EQUIPMENT RACK.



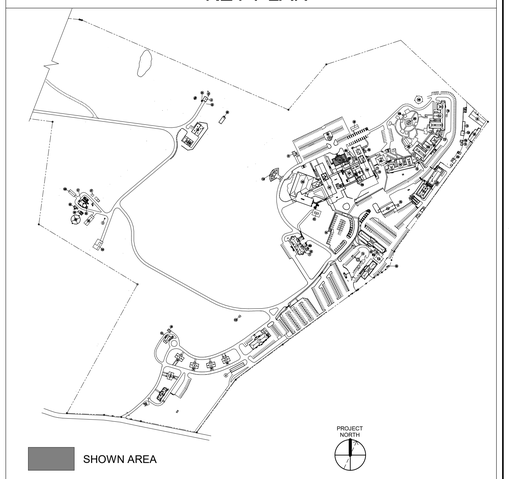
1 BUILDING 17 - LEVEL 00 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

0' 2' 4' 8'

KEY PLAN



Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 17 - LEVEL 00 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 17
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 017TN100
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

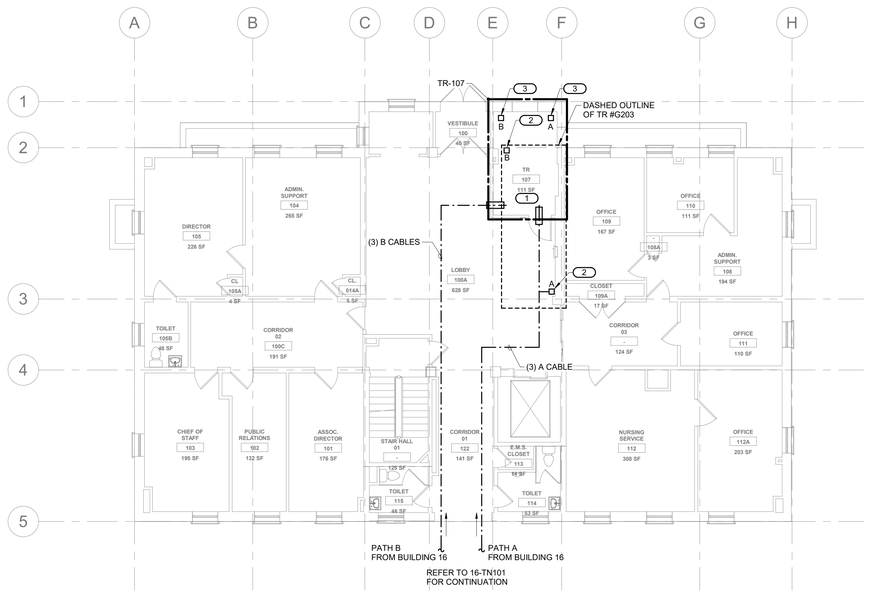
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

1. PROVIDE PENETRATION THROUGH WALL AND PATHWAY. ROUTE NEW FIBER CABLES INTO TR #107. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER DISTRIBUTION CABINET IN RACK.
2. PROVIDE PENETRATION THROUGH CEILING DECK AND PATHWAY AT LOCATIONS INDICATED BELOW TR #G-203. ROUTE NEW CABLES UP INTO TR #G-203. REFER TO BLDG 17 LEVEL 02 PLAN FOR LOCATION OF TR.
3. PROVIDE PENETRATION THROUGH FLOOR AND PATHWAYS TO ROUTE NEW FIBER CABLES DOWN IN TO MECH #010. REFER TO BLDG. 17 LEVEL 00 PLAN FOR FOR ADDITIONAL WORK REQUIREMENTS.



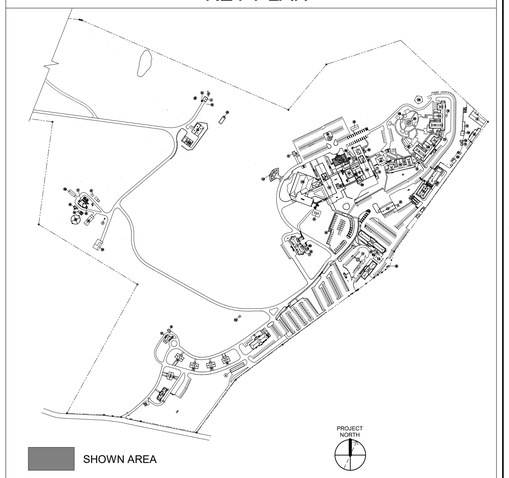
1 BUILDING 17 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

0' 2' 4' 8'

KEY PLAN



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Drawing Title: BUILDING 17 - LEVEL 01 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 17
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 017TN101

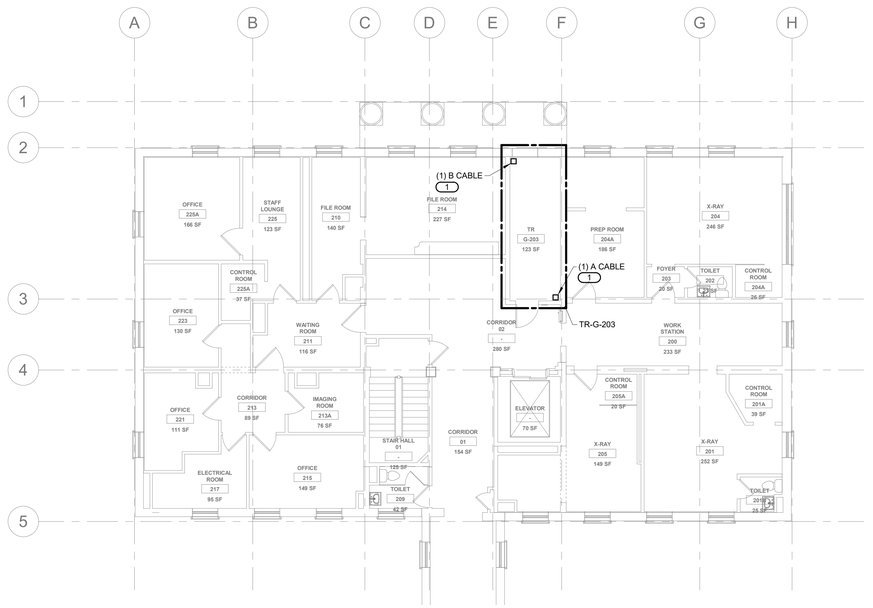
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

1. PROVIDE PENETRATION THROUGH FLOOR AND PATHWAY AT LOCATIONS INDICATED. ROUTE NEW CABLES UP INTO TR #G-203. CONTINUE ROUTE OF CABLES UP AND ALONG CABLE TRAY TO FIBER DISTRIBUTION CABINET IN EQUIPMENT RACK.

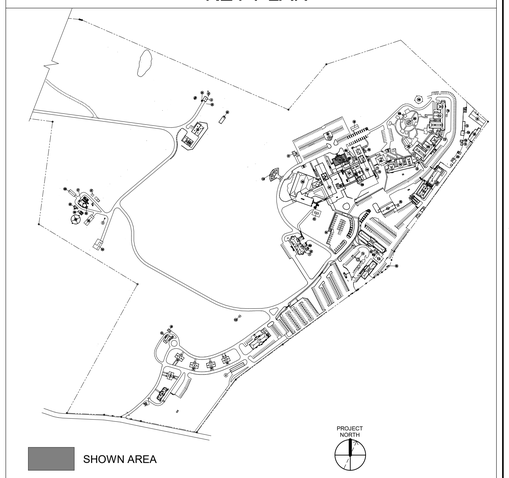


1 **BUILDING 17 - LEVEL 02 PLAN - TECHNOLOGY**
1/8" = 1'-0"

PROJECT NORTH

0' 2' 4' 8'

KEY PLAN



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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BUILDING 17 - LEVEL 02 PLAN - TECHNOLOGY	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 17
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 017TN102

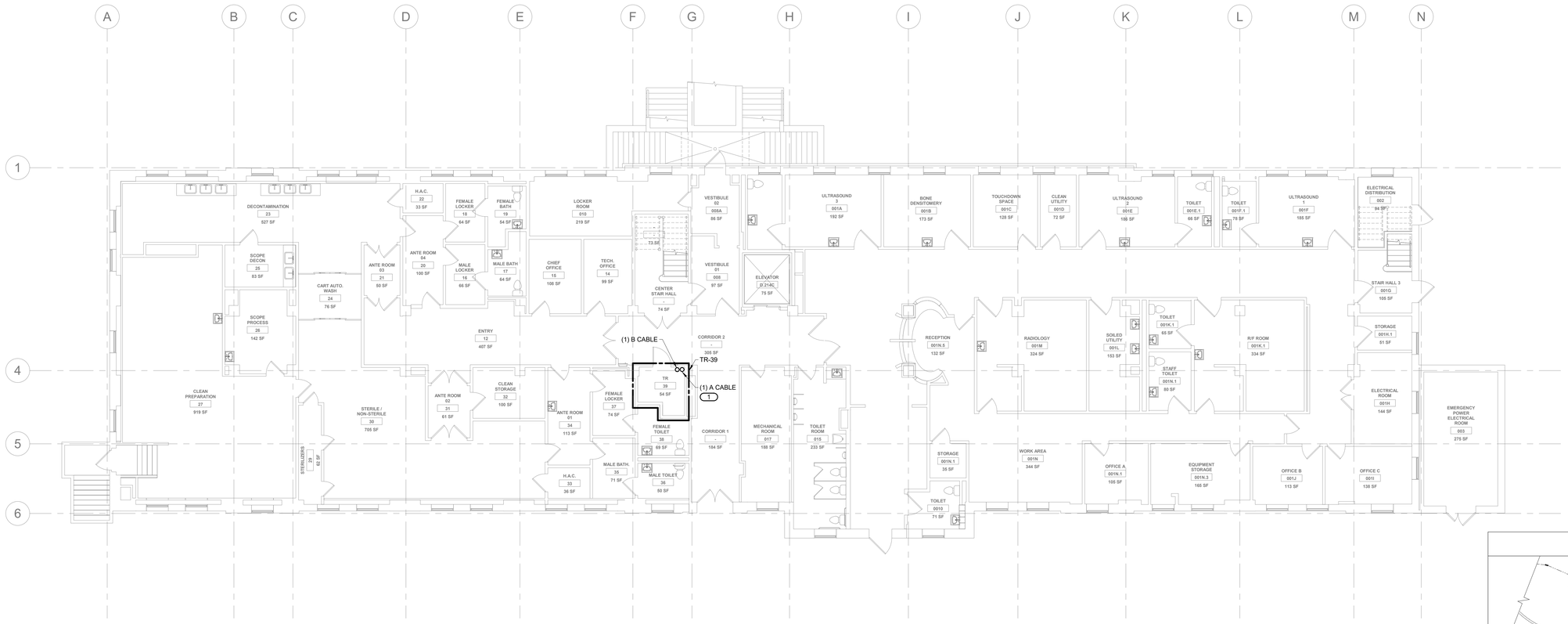
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

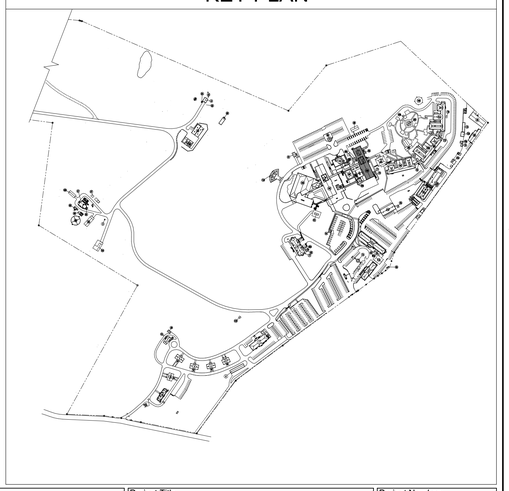
1. PROVIDE PENETRATION THROUGH CEILING DECK AND PATHWAYS TO ROUTE NEW FIBER CABLES DOWN FROM CHASE AT LEVEL 01 WAITING AREA #137 INTO TR #39. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER ENCLOUSER IN EQUIPMENT RACK.



1 BUILDING 18 - LEVEL 00 PLAN - TECHNOLOGY

1/8" = 1'-0"

KEY PLAN



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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 18 - LEVEL 00 PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025
Checked: DJJ
Drawn: MDO

Project Number: 620A4-22-700
Building Number: 18
Drawing Number: 018TN100

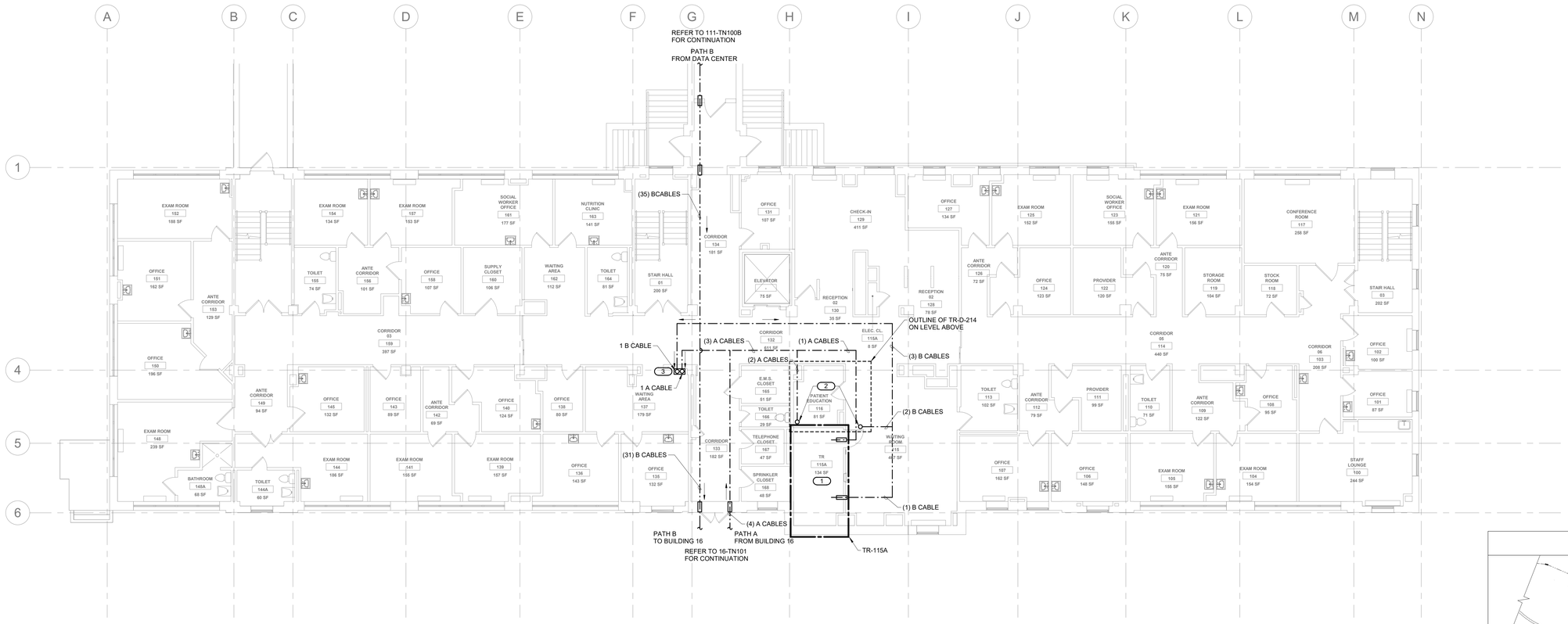
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

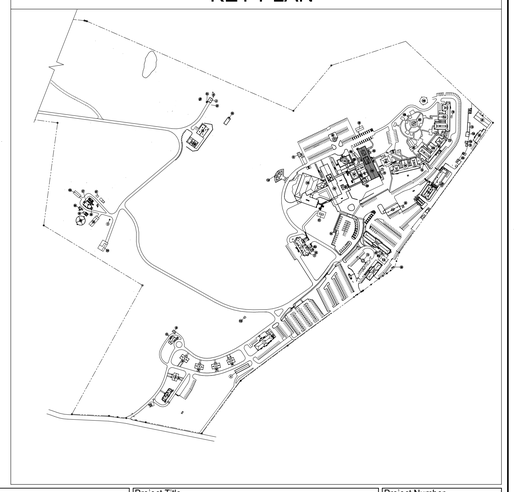
1. PROVIDE PENETRATION THROUGH WALL AND PATHWAY. ROUTE FIBER CABLES FOR TR # 115A INTO TR #115A. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.
2. PROVIDE PENETRATION AND PATHWAYS THROUGH CEILING DECK. ROUTE NEW CABLES FOR TR #214-D AND #314CA UP THRU PATHWAY INTO TR #214-D. REFER TO BLDG 18 LEVEL 02 PLAN FOR LOCATION OF TR #214-D.
3. PROVIDE PENETRATION THROUGH FLOOR OF WAITING AREA #137. PROVIDE (2) 4" CONDUITS FROM LEVEL 01 CEILING DOWN THRU FLOOR INTO TR #39. G.C. SHALL PROVIDE CONDUIT CHASE IN WAITING AREA TO CONCEAL CONDUITS . ROUTE NEW FIBER CABLES DOWN INTO TR #39. REFER TO BLDG. 18 LEVEL 00 PLAN FOR FOR LOCATION OF TR # 39.



1 BUILDING 18 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

KEY PLAN



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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 18 - LEVEL 01 PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025 | Checked: DJJ | Drawn: MDO

Project Number: 620A4-22-700

Building Number: 18

Drawing Number: 018TN101

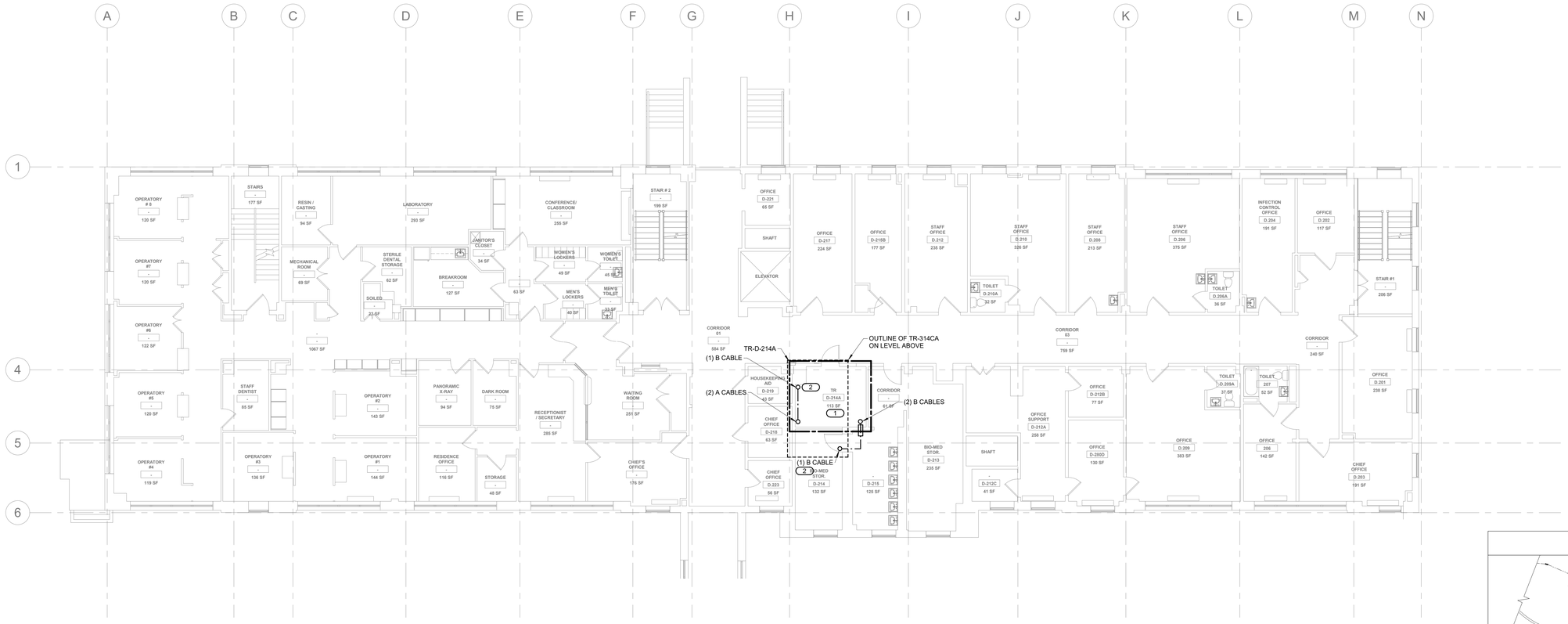
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

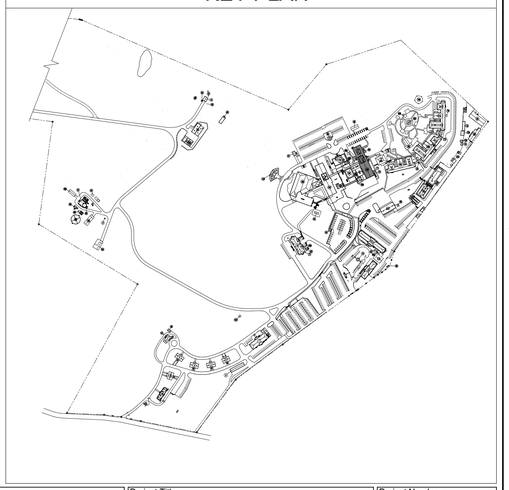
1. ROUTE NEW FIBER CABLES FOR TR #D-214A AND #314CA INTO TR #D-214A. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER DISTRIBUTION CABINET IN RACK.
2. PROVIDE PENETRATION AND PATHWAYS THROUGH WALL OF TR #D-214A AND ROUTE CABLES TO STUB UP LOCATION BELOW TR # 314CA. PROVIDE PENETRATION AND PATHWAY THROUGH CEILING DECK AND ROUTE CABLES UP INTO TR #314CA. REFER TO THE FLOOR PLANS OR LOCATION OF TR #314CA.



1 BUILDING 18 - LEVEL 02 PLAN - TECHNOLOGY

1/8" = 1'-0"

KEY PLAN



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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 18 - LEVEL 02 PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025 | Checked: DJJ | Drawn: MDO

Project Number: 620A4-22-700

Building Number: 18

Drawing Number: 018TN102

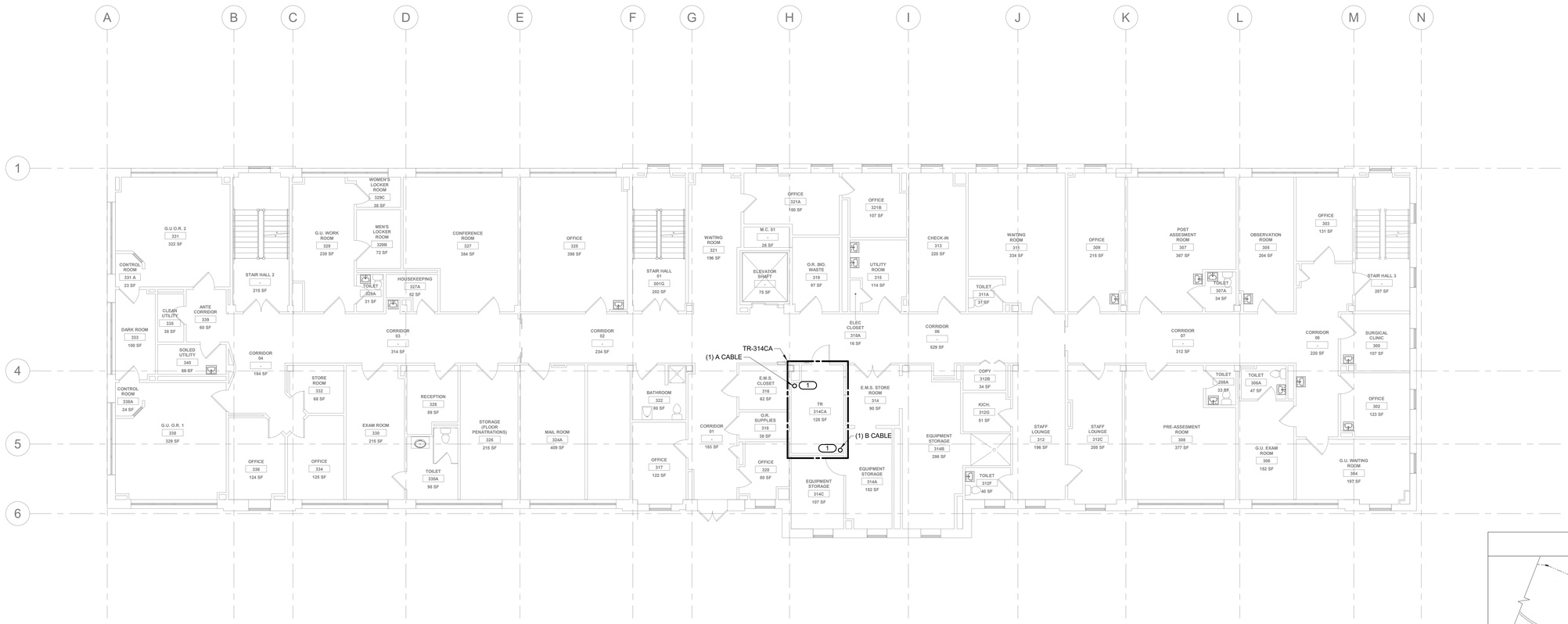
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

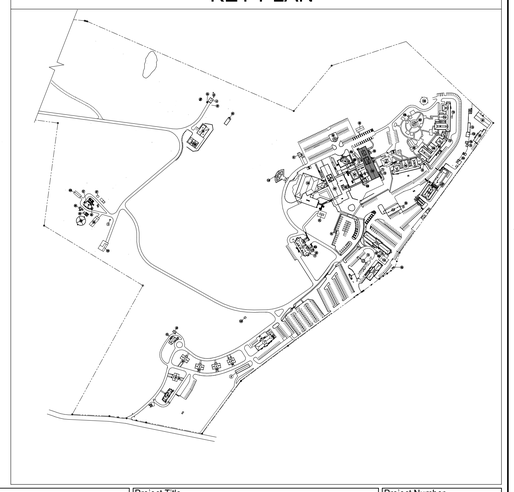
1. PROVIDE PENETRATION THROUGH FLOOR AND PATHWAY. ROUTE FIBER CABLES UP FROM LEVEL 02 AND INTO TR #314CA. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.



1 BUILDING 18 - LEVEL 03 PLAN - TECHNOLOGY

1/8" = 1'-0"

KEY PLAN



Revisions:	Date:

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Eddie C. Willis, Jr.
Reg. No. 191562R
Expires 12-31-2026
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 18 - LEVEL 03 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 18
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 018TN103
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

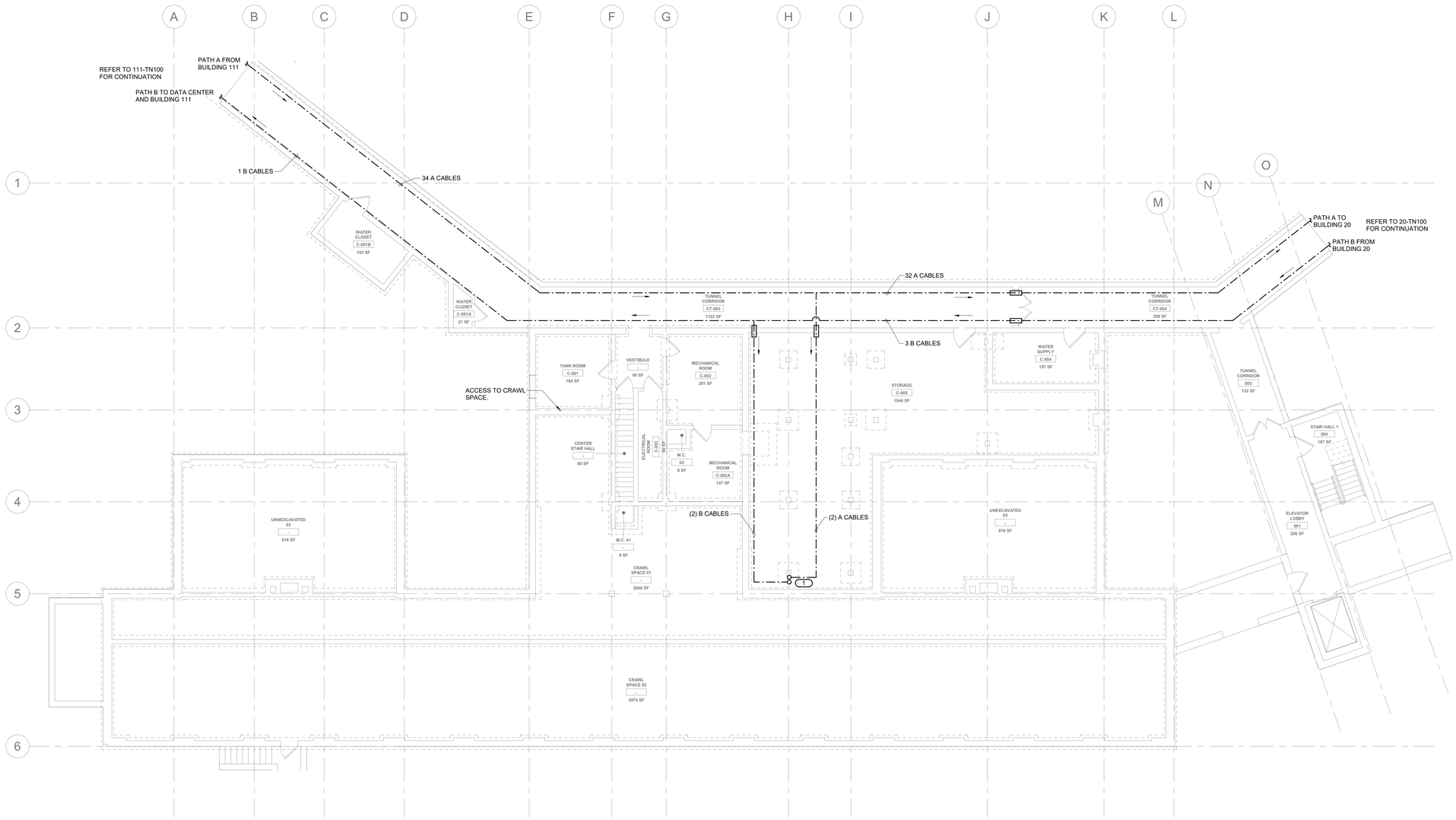
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: #

1. ROUTE NEW CABLES THRU BASEMENT LEVEL CEILING TO LOCATION BELOW STORAGE ROOM C-105A. PROVIDE PENETRATIONS AND PATHWAYS THRU CEILING DECK AND ROUTE CABLES UP INTO STORAGE ROOM #C- 105A AT LEVEL 01. REFER TO LEVEL 01 PLAN FOR ADDTIONAL WORK REQUIREMENTS.

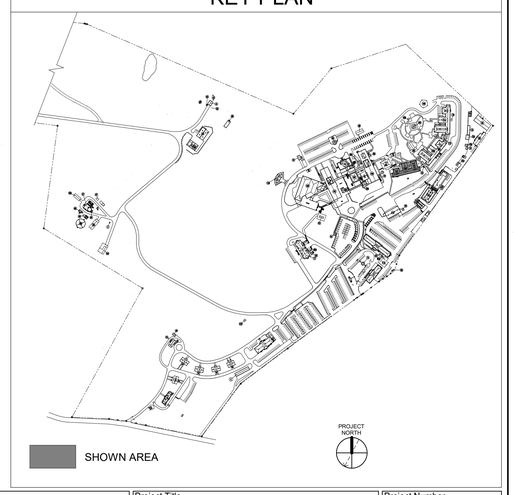


1 BUILDING 19 - LEVEL 00 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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STAMP: REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Eddie C. Willis, Jr. — Reg. No. 191562R — Expires 13-31-2025 — RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 19 - LEVEL 00 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 19
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 019TN100
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

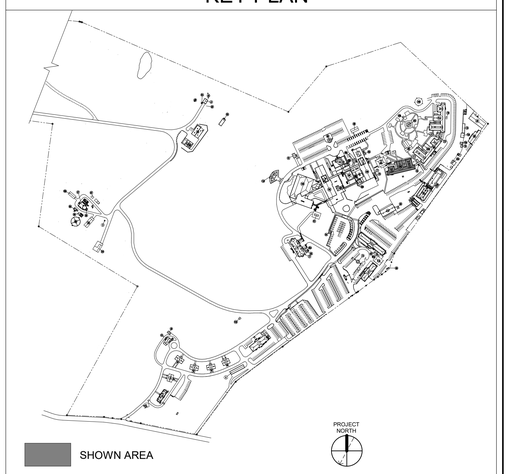
1. ROUTE CABLES UP THROUGH NEW PATHWAYS IN STORAGE ROOM #C-105A TO CEILING HEIGHT. PROVIDE PENETRATIONS THRU WALL AND PATHWAYS TO ROUTE CABLES OUT OF STORAGE ROOM ABOVE CORRIDOR CEILING TO TR #C-104. PROVIDE PENETRATIONS AND PATHWAYS THRU WALL OF TR #C-104 TO ROUTE CABLES INTO TR. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO ENCLOSURE IN EQUIPMENT RACK.
2. PROVIDE PENETRATIONS AND PATHWAYS THRU CEILING DECK OF TR #C-104 TO ROUTE CABLES UP INTO TR #C-208 AT FLOOR ABOVE. REFER TO LEVEL 02 PLAN FOR ADDITIONAL WORK REQUIREMENTS.

1 BUILDING 19 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 19 - LEVEL 01 PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025 | Checked: DJJ | Drawn: MDO

Project Number: 620A4-22-700

Building Number: 19

Drawing Number: 019TN101

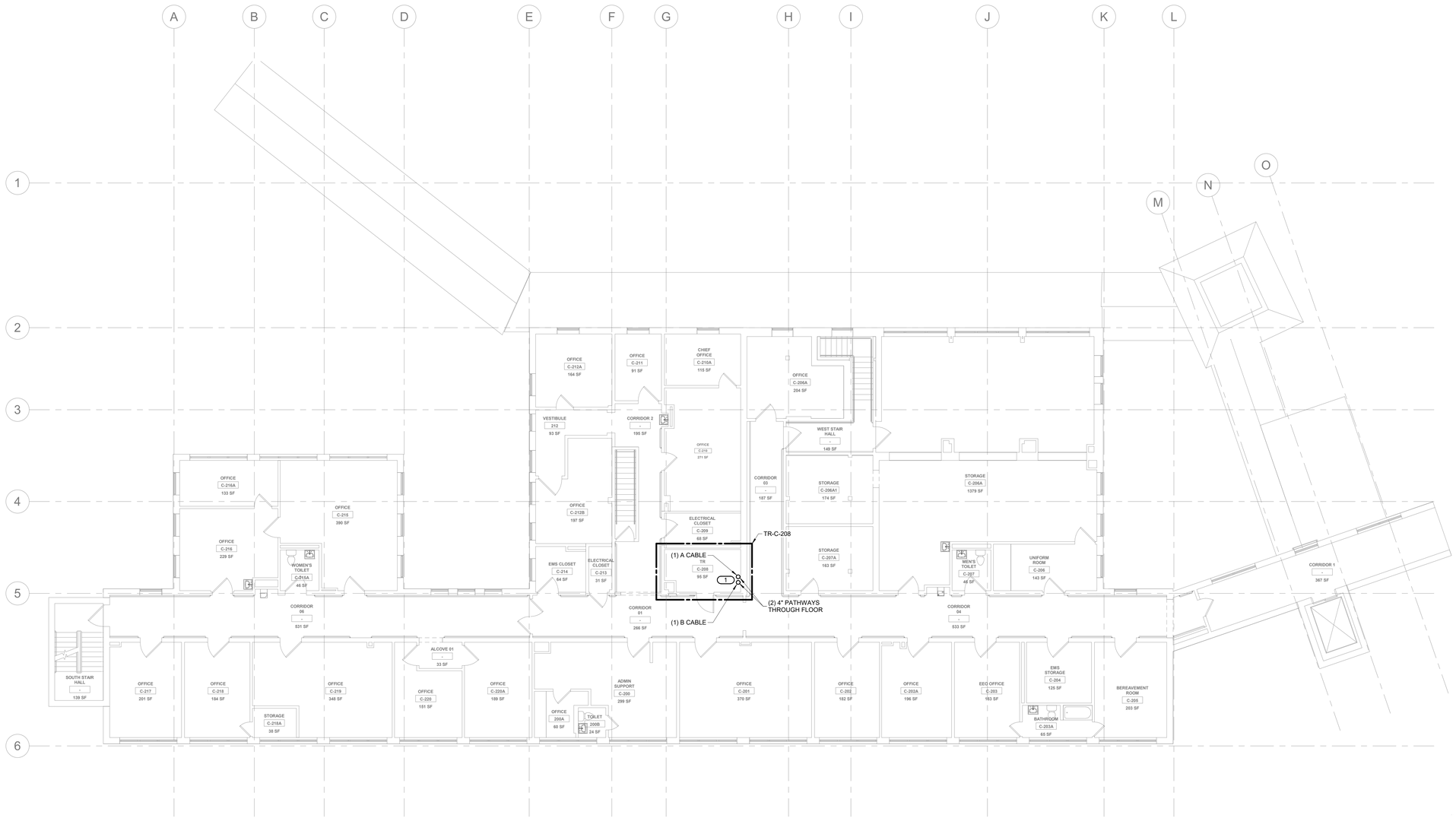
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: #

1. ROUTE CABLES UP THROUGH NEW PATHWAYS IN FLOOR OF TR #C-208 TO HEIGHT OF CABLE TRAY. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.

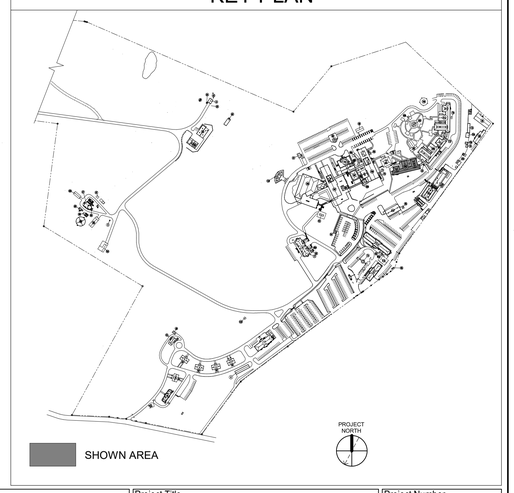


1 BUILDING 19 - LEVEL 02 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 19 - LEVEL 02 PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025 | Checked: DJJ | Drawn: MDO

Project Number: 620A4-22-700

Building Number: 19

Drawing Number: 019TN102

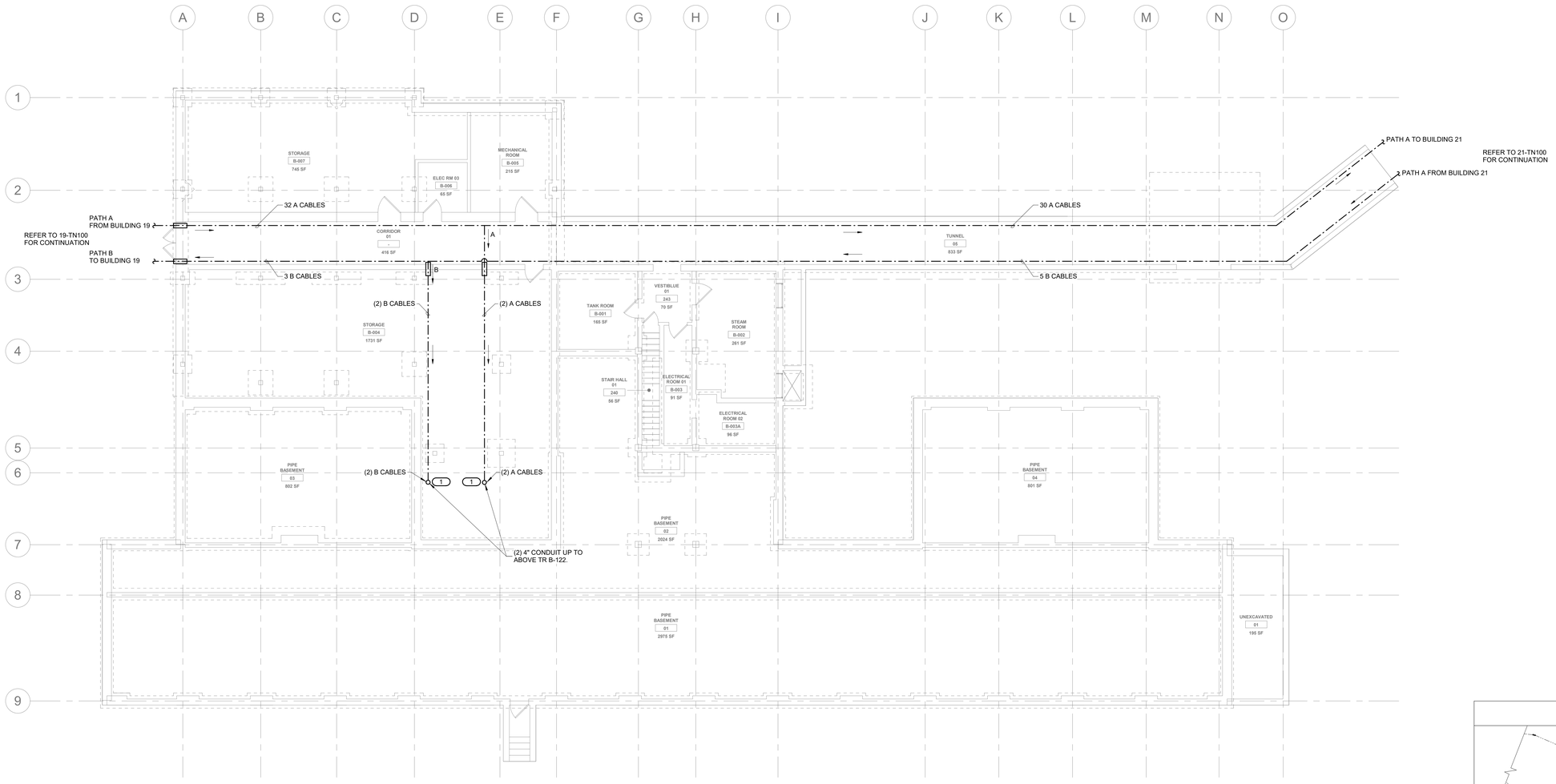
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) V/A #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

1. ROUTE CABLES THRU BASEMENT AT CEILING HEIGHT TO LOCATION BELOW LEVEL 01 TR #B-122. PROVIDE PENETRATIONS AND PATHWAYS THRU CEILING DECK AND ROUTE CABLES UP INTO TR #B-122. REFER TO LEVEL 01 PLAN FOR ADDITIONAL WORK REQUIREMENTS.

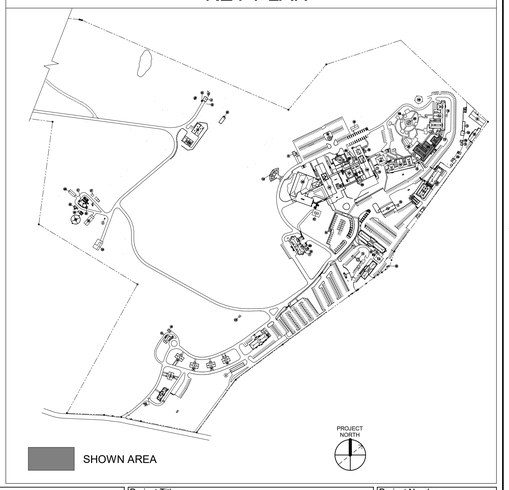


1 BUILDING 20 - LEVEL 00 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 20 - LEVEL 00 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 20
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 020TN100

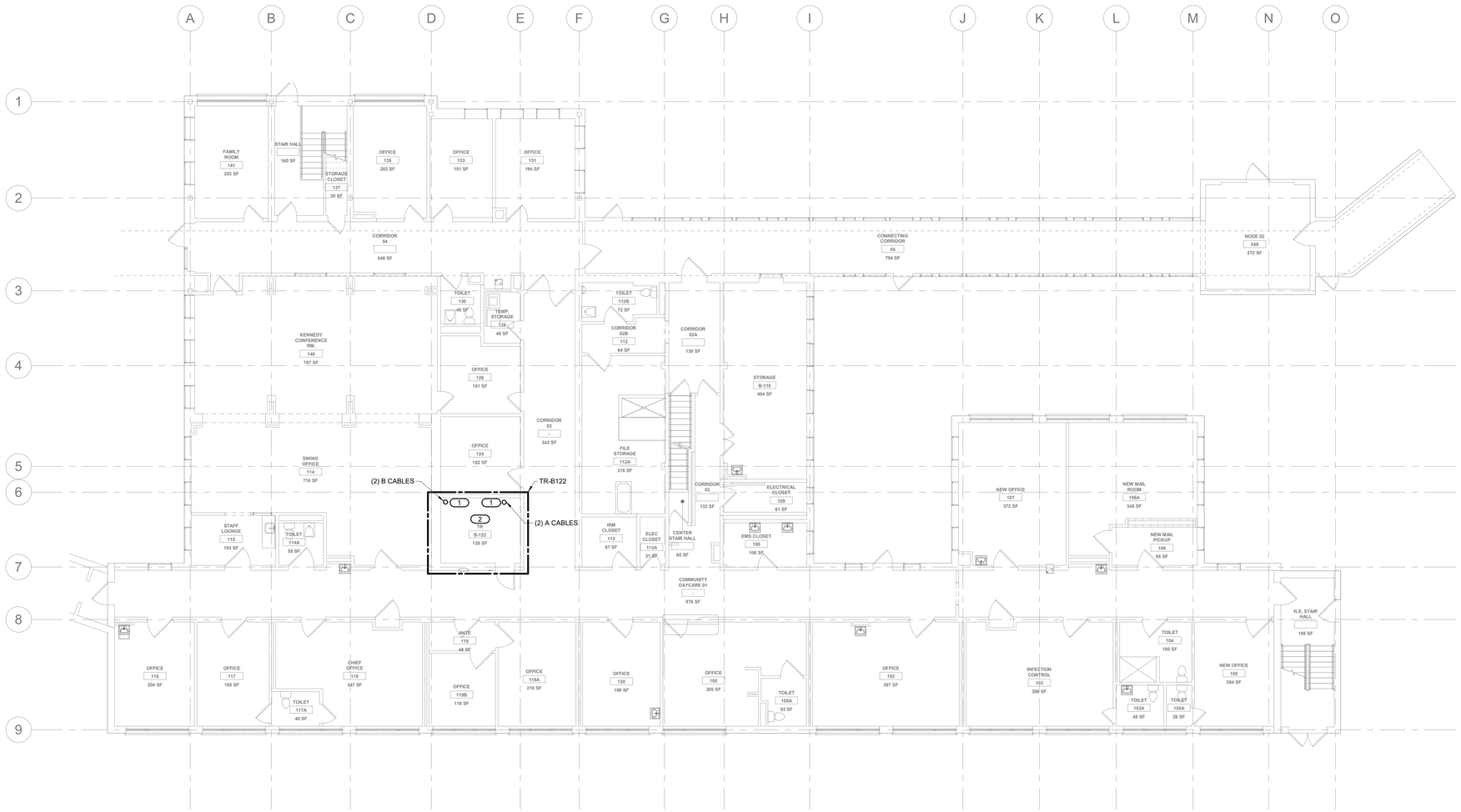
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) V/A #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: #

1. ROUTE NEW CABLES UP THROUGH NEW PATHWAYS IN FLOOR OF TR #B-122 TO HEIGHT OF CABLE TRAY. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.
2. PROVIDE PENETRATIONS AND NEW PATHWAYS THRU CEILING DECK OF TR #B-122 AND ROUTE NEW CABLES UP INTO TR #205B. REFER TO LEVEL 02 PLAN FOR ADDITIONAL WORK REQUIREMENTS.



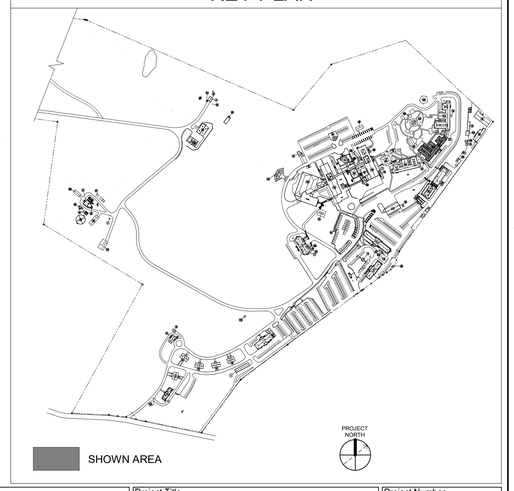
1 BUILDING 20 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

0' 4' 8' 16'

KEY PLAN



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EXPIRES 12-31-2025
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 20 - LEVEL 01 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 20
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 020TN101

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) V/A #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

1. ROUTE CABLES UP THROUGH PATHWAYS IN FLOOR OF TR #B-205B TO HEIGHT OF CABLE TRAY. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.

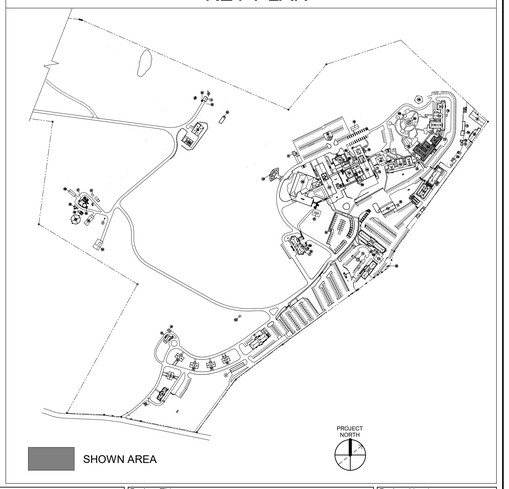
1 BUILDING 20 - LEVEL 02 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

0' 4' 8' 16'

KEY PLAN



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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 20 - LEVEL 02 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 20
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 020TN102
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

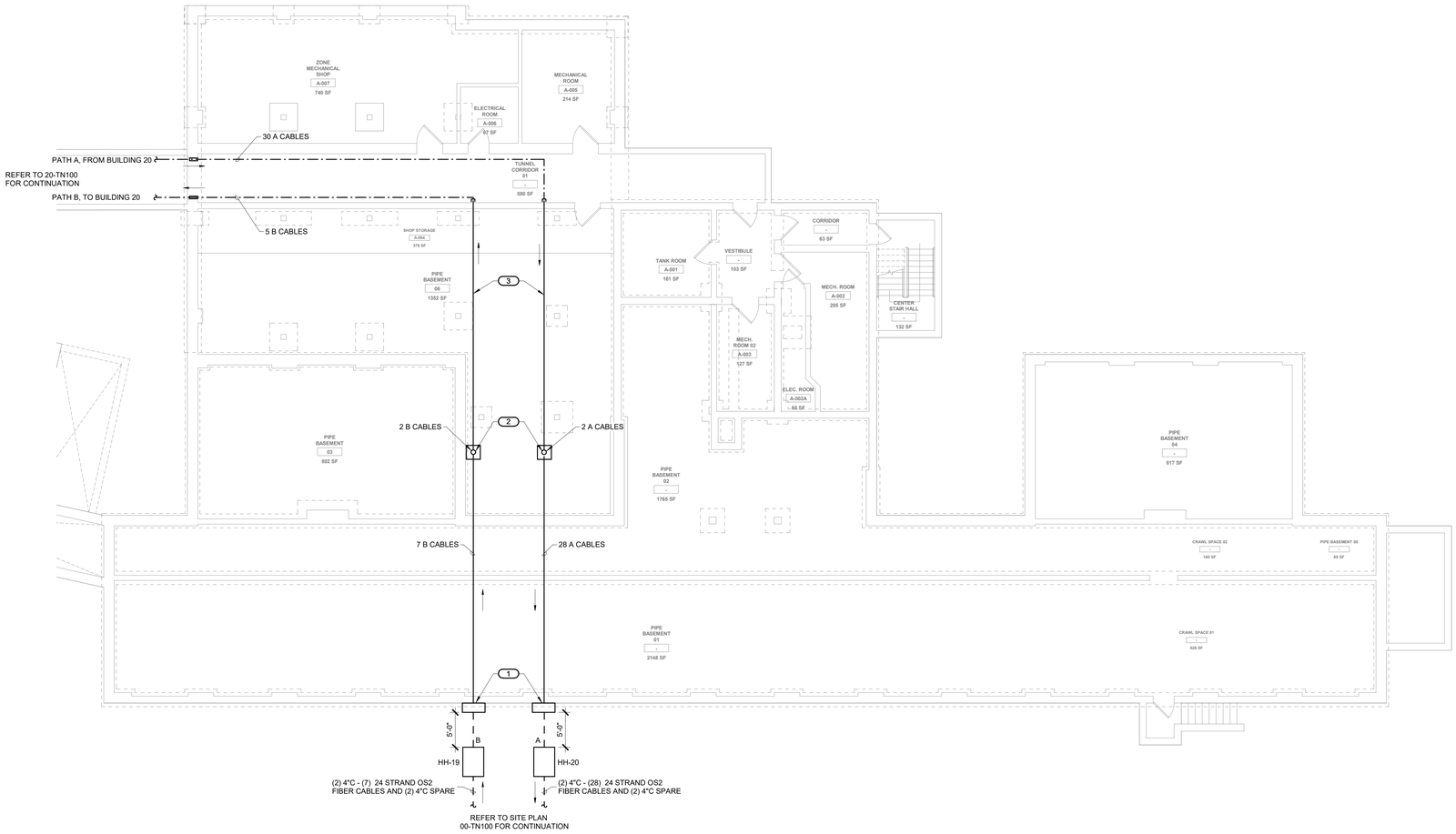
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

1. PROVIDE PULLBOXES ON EXTERIOR WALL AT HEIGHT OF CRAWL SPACE CEILING. ROUTE CONDUITS FROM HANDHOLES UP WALL TO PULLBOXES. PROVIDE PENETRATIONS THRU EXTERIOR WALL AND ROUTE CONDUITS INTO CRAWL SPACE. CONTINUE CONDUIT ROUTE TO LOCATION OF NEW CEILING MOUNTED PULLBOXES BELOW LEVEL 01 TR #142.
2. PROVIDE PENETRATIONS AND CONDUIT STUBS THRU CEILING DECK OF CRAWL SPACE FROM PULLBOXES UP INTO TR #142. ROUTE NEW FIBER CABLES FOR TR #142 AND TR #203 UP THRU CONDUIT STUBS INTO TR #142. REFER TO LEVEL 01 PLAN FOR ADDITIONAL WORK REQUIREMENTS.
3. ROUTE OF CONDUITS FROM PULLBOXES THROUGH CRAWL SPACE AND STUB CONDUITS THROUGH WALL AND INTO TUNNEL CORRIDOR AT CEILING HEIGHT. CONTINUE ROUTE OF FIBER CABLES THROUGH COORDIOR. REFER TO FIRST FLOOR PLAN FOR CONTINUATION OF CABLE ROUTE.



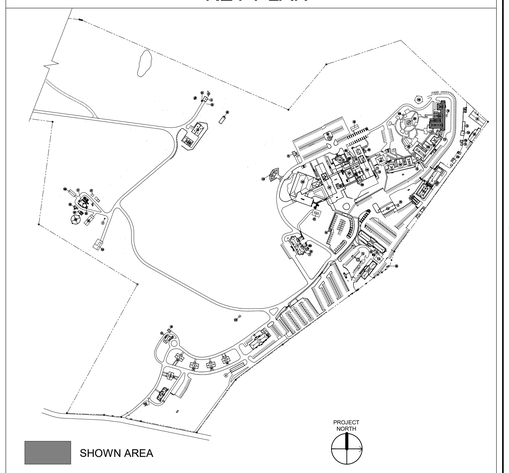
1 BUILDING 21 - LEVEL 00 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

0' 4' 8' 16'

KEY PLAN



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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 21 - LEVEL 00 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 21
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 021TN100
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

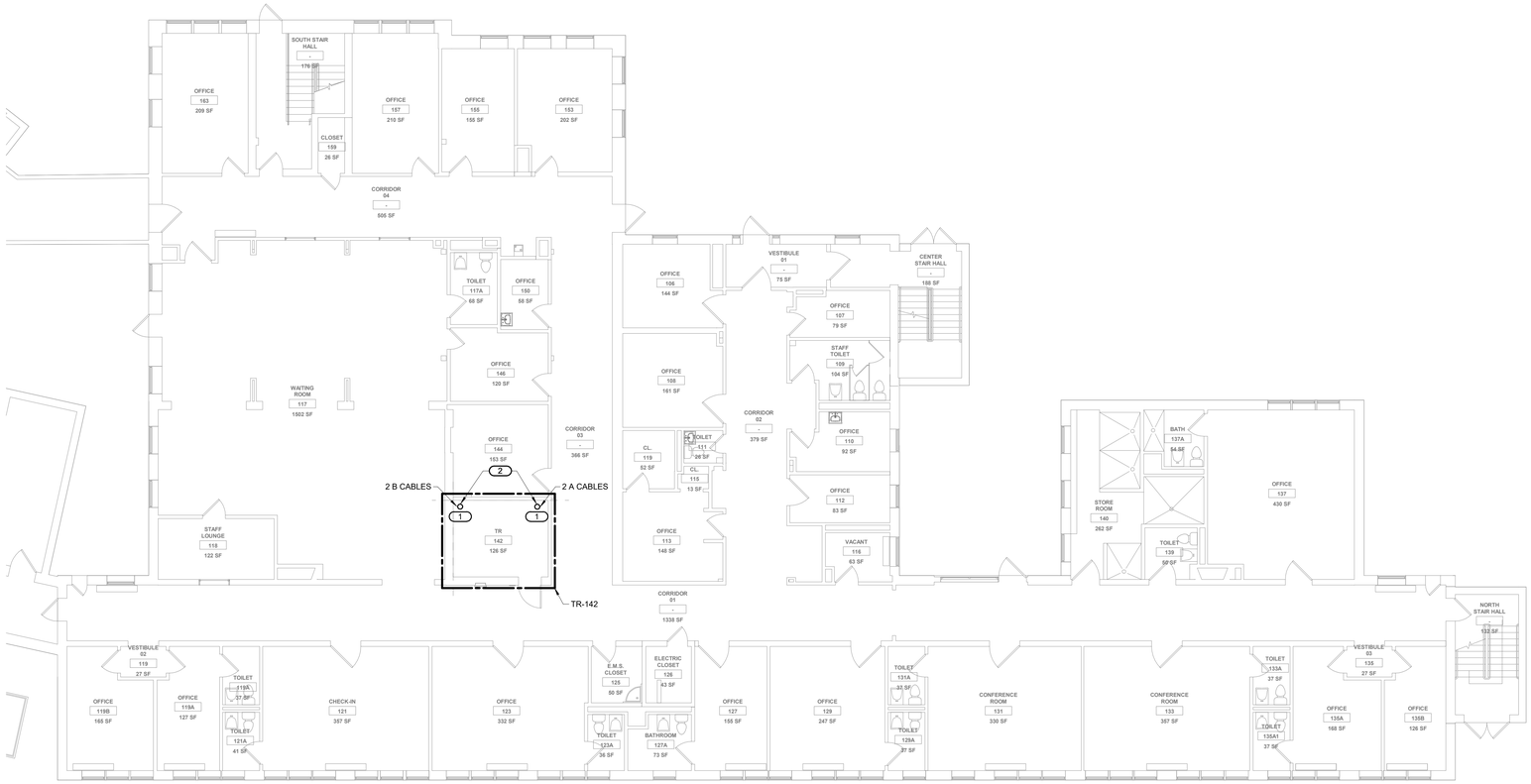
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
2. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: (#)

1. ROUTE CABLES UP THROUGH NEW PATHWAYS IN FLOOR OF TR #B-142 TO HEIGHT OF CABLE TRAY. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.
2. PROVIDE PENETRATIONS AND NEW PATHWAYS THRU CEILING DECK OF TR #B-142 AND ROUTE NEW CABLES UP INTO TR #203. REFER TO LEVEL 02 PLAN FOR ADDITIONAL WORK REQUIREMENTS.

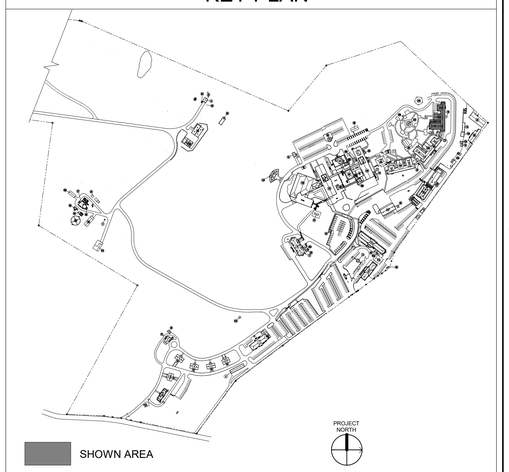


1 BUILDING 21 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



SHOWN AREA

Revisions:	Date:

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Expires 12-31-2025
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BUILDING 21 - LEVEL 01 PLAN - TECHNOLOGY	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
			Building Number: 21
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 021TN101
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
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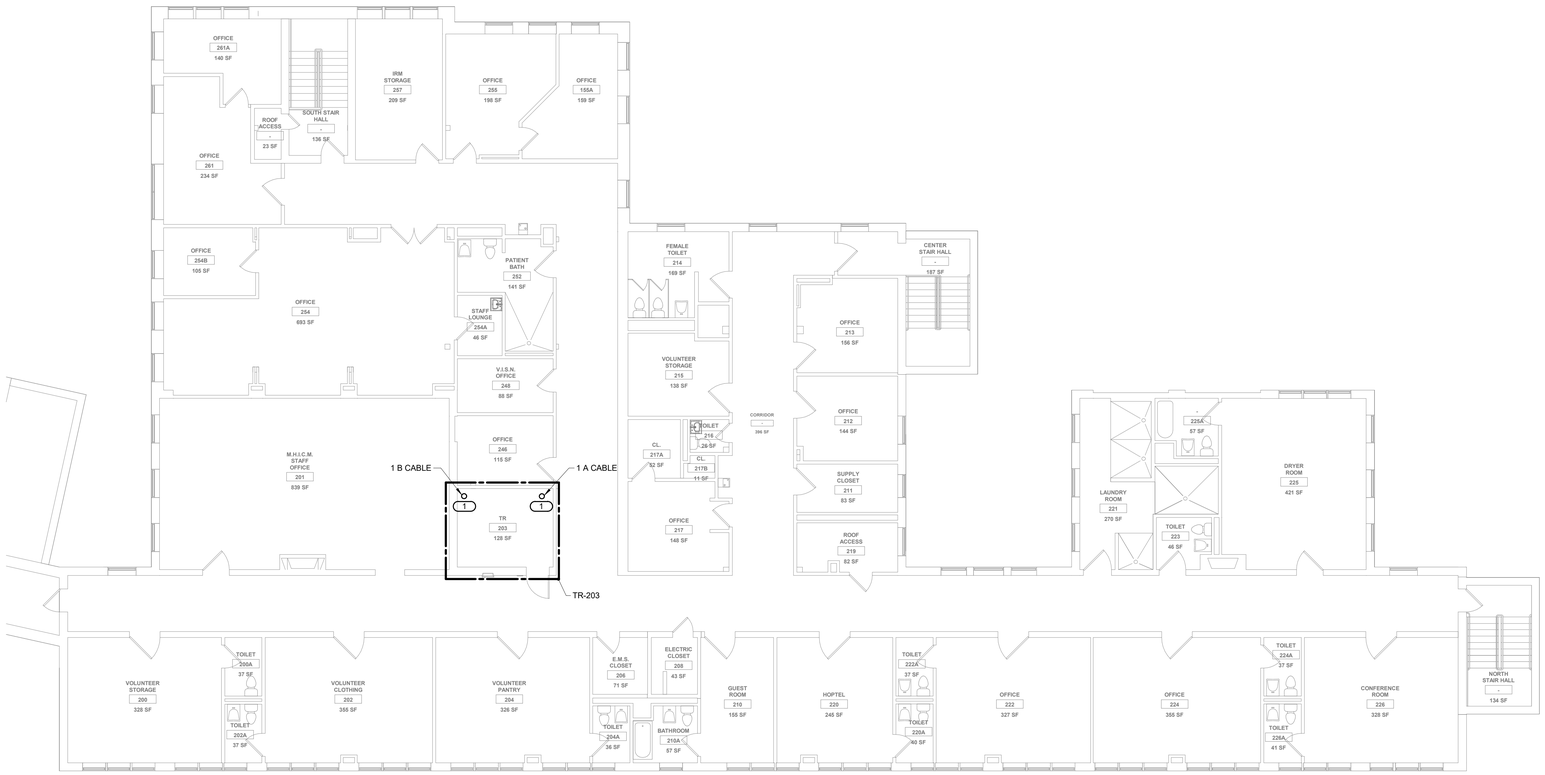
3. NEW ARMORED-CLAD OPTICAL FIBER CABLES SHALL BE ROUTED ABOVE FINISHED CEILING IN J-HOOKS CABLE SUPPORTS ON 5'-0" CENTER. ROUTE CORE A AND CORE B CABLES ON OPPOSITE SIDES OF ROOM OR CORRIDOR.

KEYNOTES: #

1. ROUTE CABLES UP THROUGH NEW PATHWAYS IN FLOOR OF TR #203 TO HEIGHT OF CABLE TRAY. CONTINUE ROUTE OF CABLES FOR THIS ROOM ON CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.



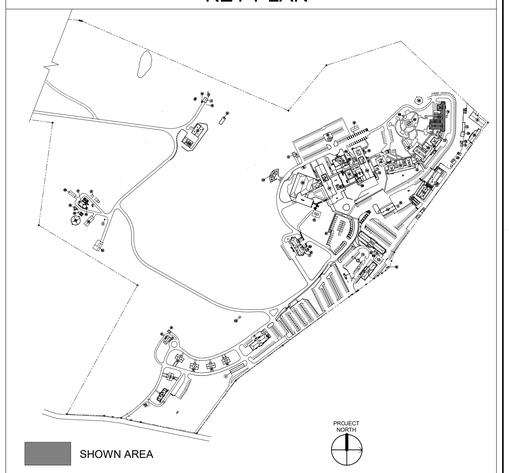
1 BUILDING 21 - LEVEL 02 PLAN - TECHNOLOGY

1/8" = 1'-0"

0' 4' 8' 16'

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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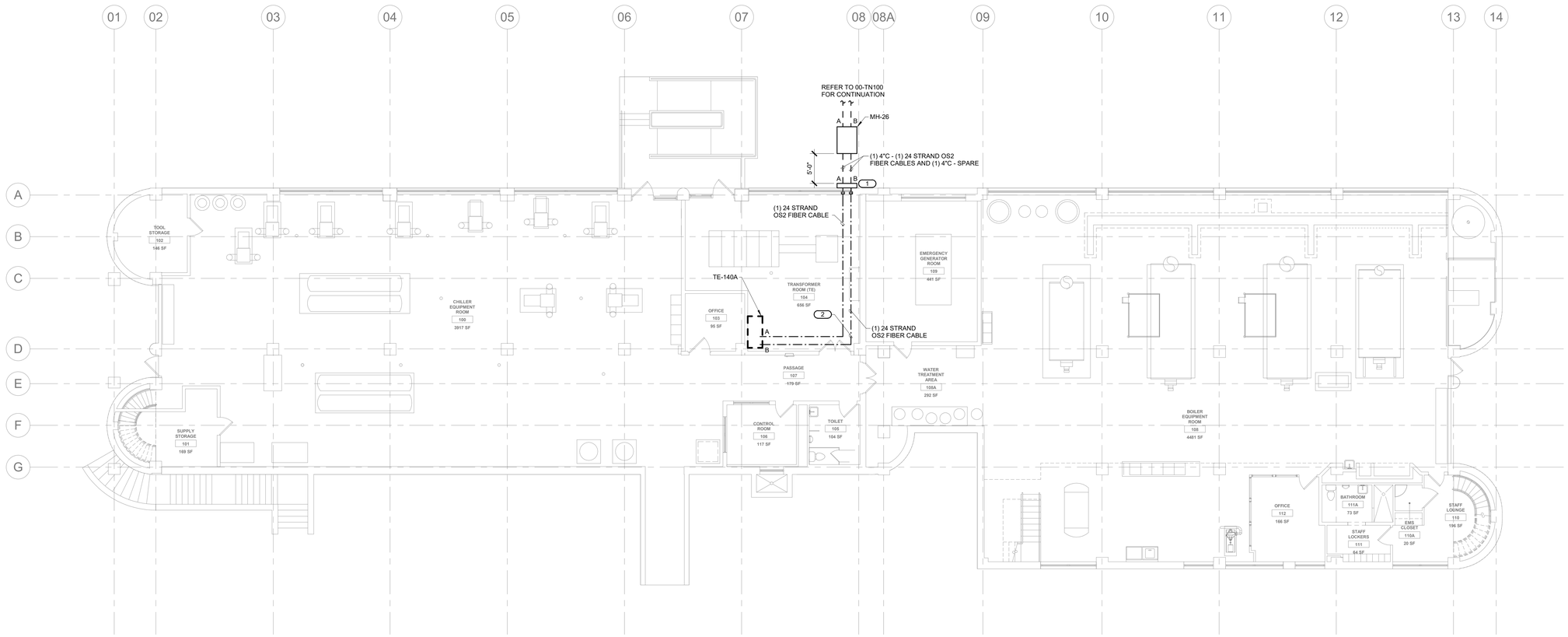
BICSI
Eddie C. Willis, Jr.
Reg. No. 191562R
Expires 12-31-2025
RCDD

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

Drawing Title: BUILDING 21 - LEVEL 02 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 21
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 021TN102
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

VA FORM 08 - 6231



1 BUILDING 35 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

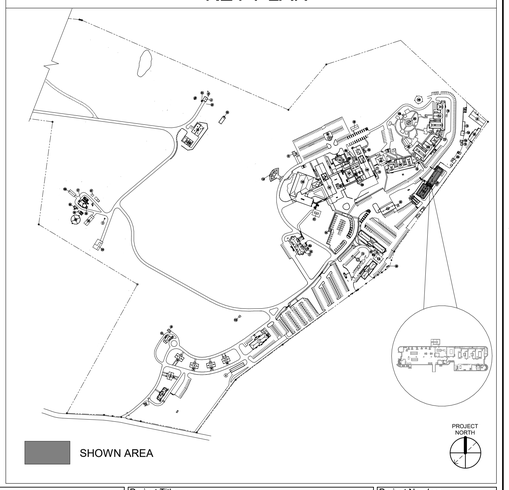
SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
5. ALL OPTICAL FIBER BACKBONE CABLE PATHWAYS SHALL BE NEW. DO NOT RE-USE EXISTING CABLE PATHWAYS FOR NEW BACKBONE CABLES.
6. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

1. PROVIDE PULLBOX ON EXTERIOR WALL AT HEIGHT ABOVE FIRST FLOOR CEILING. ROUTE CONDUIT FROM HANDHOLE UP WALL TO PULLBOX. PROVIDE PENETRATION THROUGH WALL AND STUB CONDUITS INTO BUILDING ABOVE CEILING.
2. CONTINUE ROUTE OF FIBER CABLES IN J-HOOKS TO LOCATION OF FIBER ENLOSURE IN T.E.

KEY PLAN



Revisions: Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 35 - LEVEL 01 PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025 | Checked: DJJ | Drawn: MDO

Project Number: 620A4-22-700

Building Number: 35

Drawing Number: 035TN101

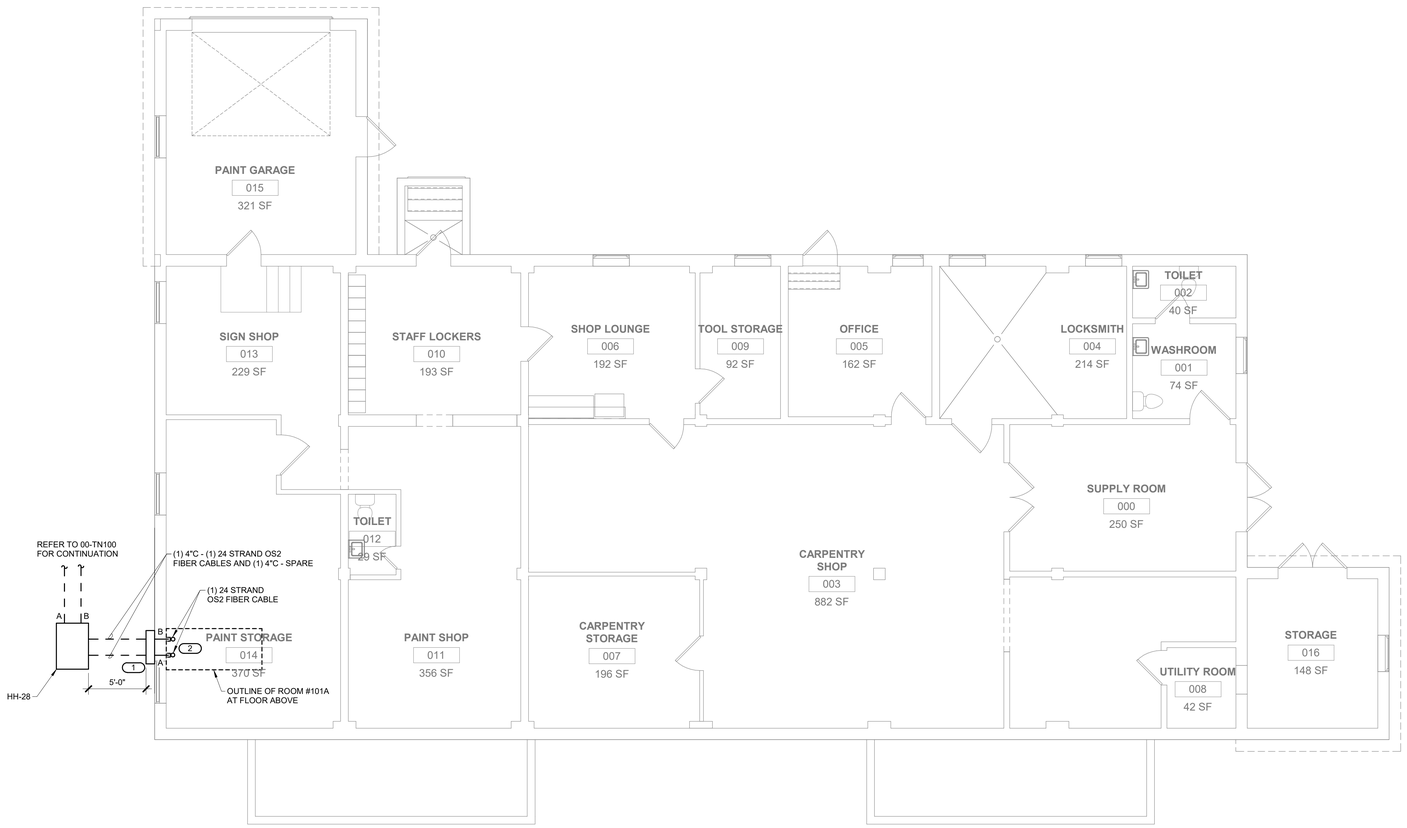
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
5. ALL OPTICAL FIBER BACKBONE CABLE PATHWAYS SHALL BE NEW. DO NOT RE-USE EXISTING CABLE PATHWAYS FOR NEW BACKBONE CABLES.
6. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: #

1. PROVIDE PULLBOX ON EXTERIOR WALL AT HEIGHT ABOVE BASEMENT CEILING. ROUTE CONDUIT FROM HANDHOLE UP WALL TO PULLBOX. PROVIDE PENETRATION THROUGH WALL AND STUB CONDUITS INTO BUILDING ABOVE CEILING.
2. PROVIDE PENETRATIONS THRU CEILING DECK AND PATHWAYS TO ROUTE FIBER CABLES UP INTO TR #101A AT FLOOR ABOVE. REFER TO FIRST FLOOR PLAN FOR ADDITIONAL WORK REQUIREMENTS.

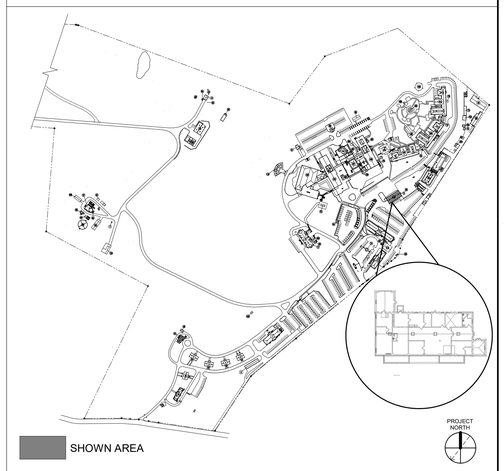


1 BUILDING 44 - BASEMENT PLAN - TECHNOLOGY

3/16" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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EXPIRES 12-31-2025
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 44 - BASEMENT PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 44
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 044TN100B
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

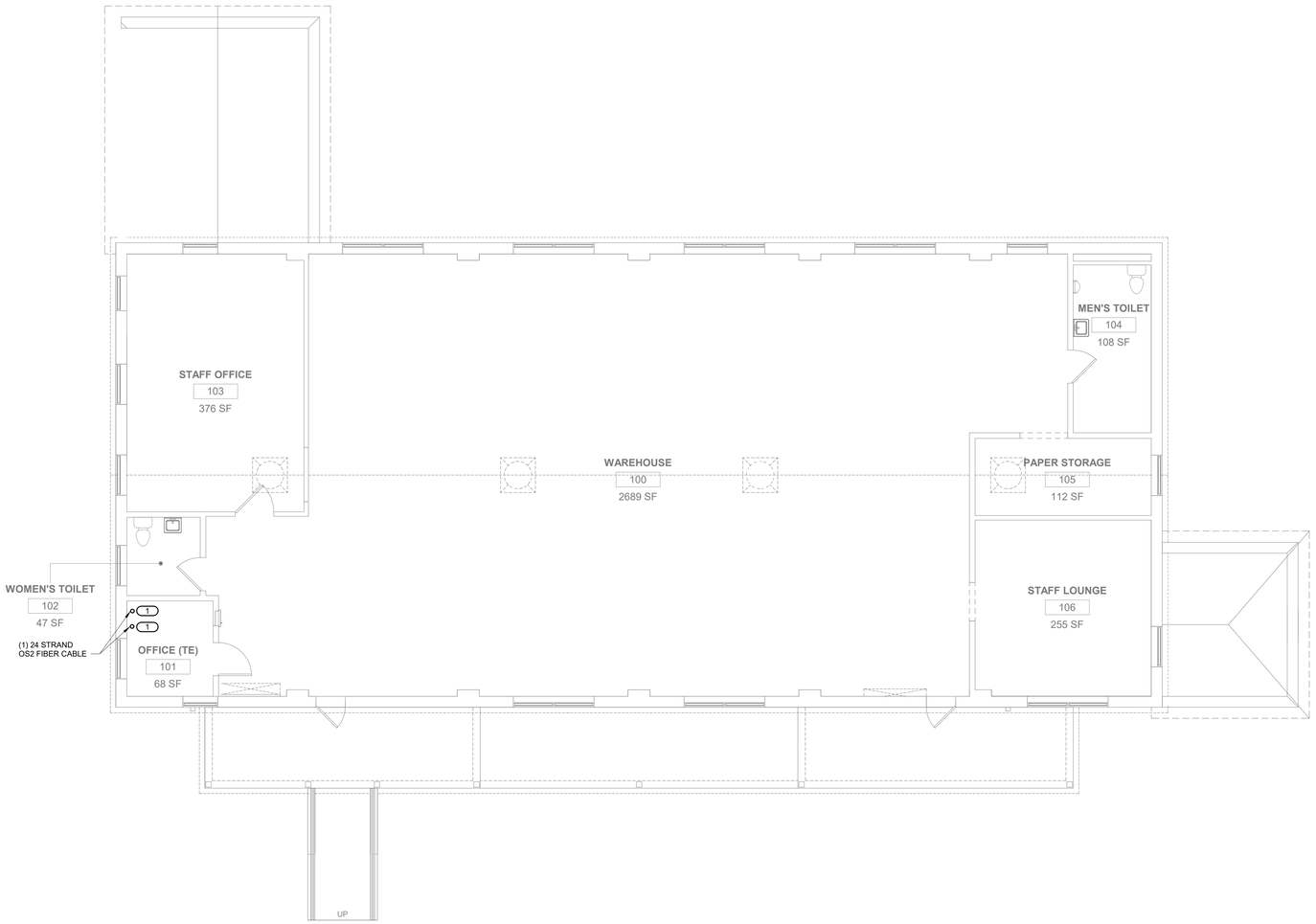
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
5. ALL OPTICAL FIBER BACKBONE CABLE PATHWAYS SHALL BE NEW. DO NOT RE-USE EXISTING CABLE PATHWAYS FOR NEW BACKBONE CABLES.
6. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: #

1. ROUTE OF FIBER CABLES UP INTO TR #101A TO HEIGHT ABOVE CABLE TRAY. CONTINUE ROUTE OF CABLES ALONG CABLE TRAY TO FIBER ENCLOSURE IN T.E.

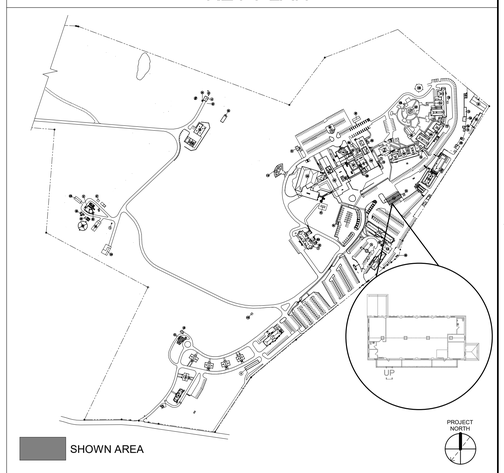


1 BUILDING 44 - LEVEL 01 PLAN - TECHNOLOGY

3/16" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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

Drawing Title: BUILDING 44 - LEVEL 01 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 44
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 044TN101
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

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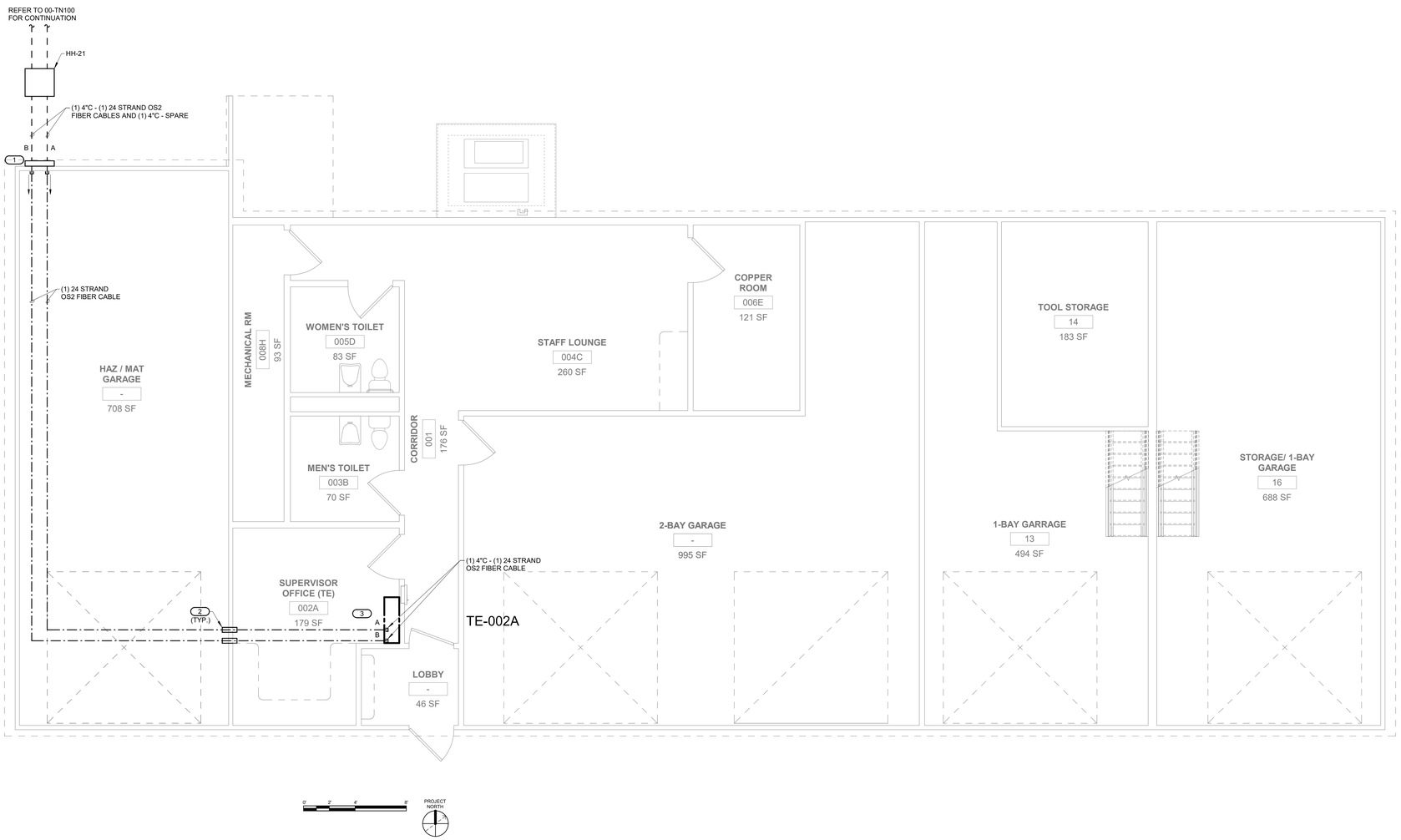


1 BUILDING - 88 LEVEL 01 PLAN - TECHNOLOGY

1/4" = 1'-0"

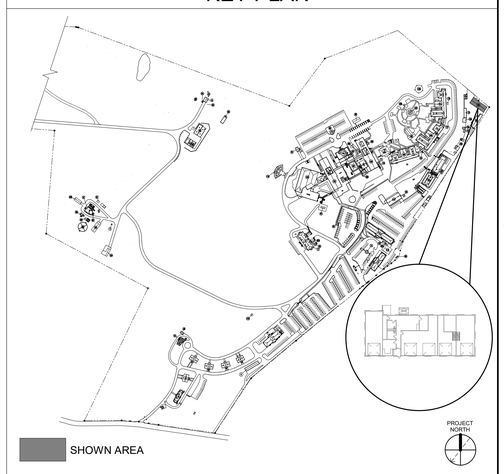
SHEET NOTES: #

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
5. ALL OPTICAL FIBER BACKBONE CABLE PATHWAYS SHALL BE NEW. DO NOT RE-USE EXISTING CABLE PATHWAYS FOR NEW BACKBONE CABLES.
6. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: #

1. PROVIDE PULLBOX ON EXTERIOR WALL AT HEIGHT ABOVE FIRST FLOOR CEILING. ROUTE CONDUIT FROM HANDHOLE UP WALL TO PULLBOX. PROVIDE PENETRATION THROUGH WALL AND STUB CONDUITS INTO BUILDING AT CEILING HEIGHT.
2. PROVIDE PENETRATIONS THRU CEILING DECK AND PATHWAYS TO ROUTE FIBER CABLES INTO SUPERVISOR OFFICE.
3. ROUTE OF FIBER CABLES ALONG CABLE TRAY TO FIBER ENCLOSURE IN T.E.

KEY PLAN



Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 88 - LEVEL 01 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 88
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 088TN101

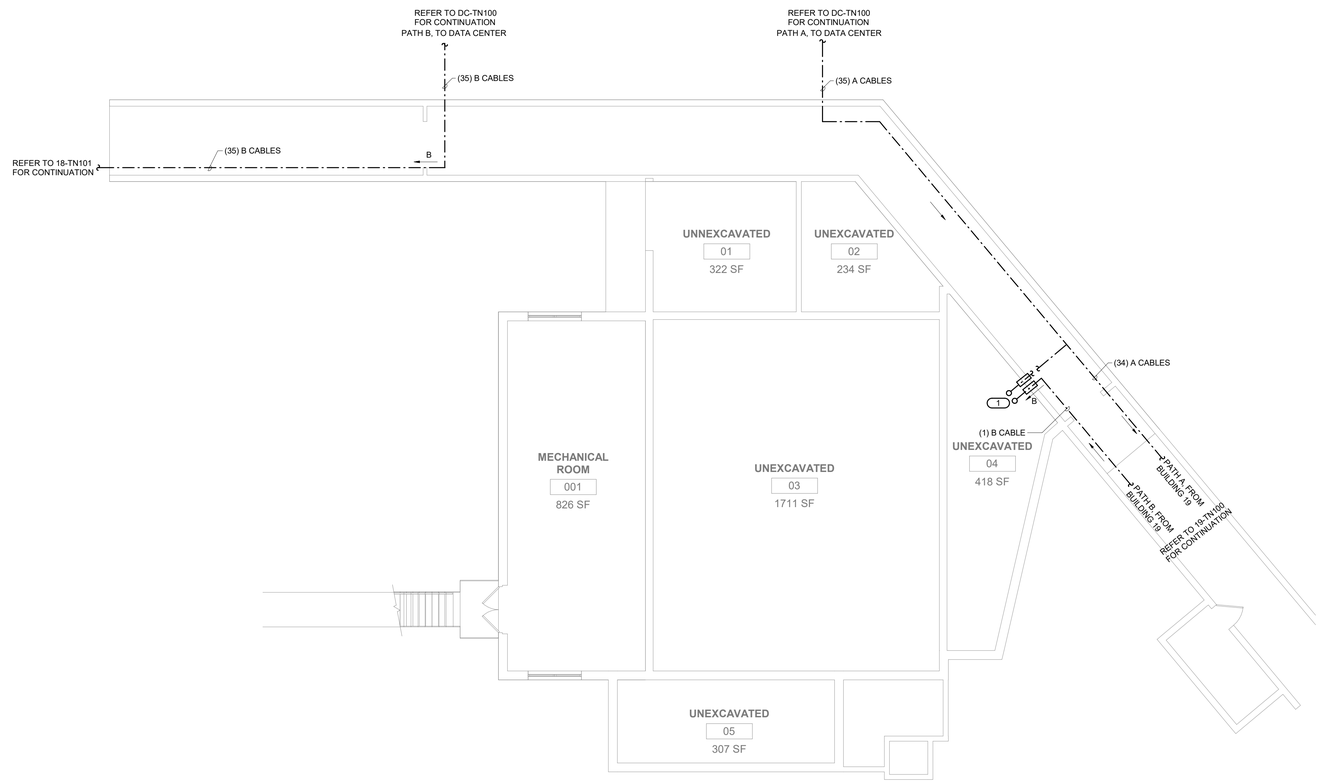
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
5. ALL OPTICAL FIBER BACKBONE CABLE PATHWAYS SHALL BE NEW. DO NOT RE-USE EXISTING CABLE PATHWAYS FOR NEW BACKBONE CABLES.
6. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

1. PROVIDE PENETRATIONS THROUGH CEILING DECK AND PATHWAYS TO ROUTE FIBER CABLES UP INTO TR #101A.

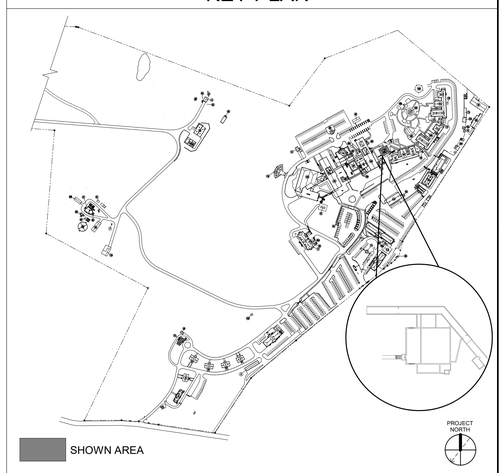


1 BUILDING - 111 BASEMENT PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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ARCHITECT/ENGINEER OF RECORD

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RAY SPEES

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Reg. No. 19156R
Expires 12-31-2025
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 111 - BASEMENT PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: 111
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: 111TN100B

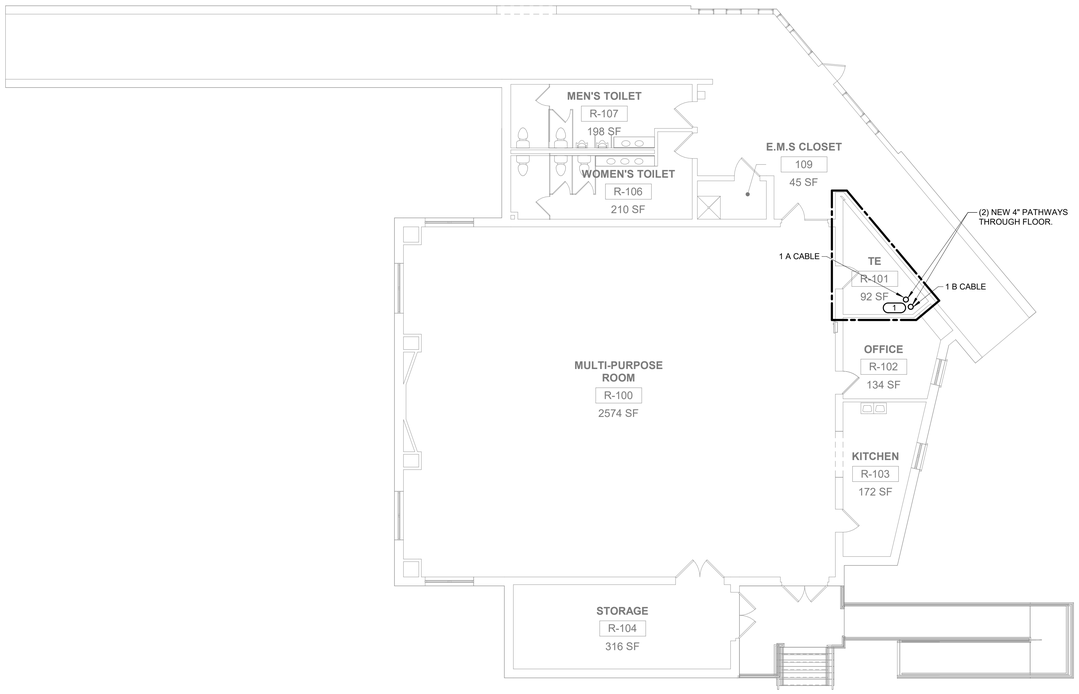
VA FORM 08 - 6231

SHEET NOTES:

1. REFER TO SITE PLAN 00-TN100 FOR ADDITIONAL INFORMATION.
2. REFER TO T500 FOR CAMPUS OPTICAL FIBER CABLE RISER DIAGRAM.
3. REFER TO C1/T400 FOR HANDHOLE DETAIL.
4. NEW BACKBONE OPTICAL FIBER CABLES SHALL BE ARMORED-CLAD, INDOOR/OUTDOOR RATED. BOND ARMORED-CLAD FIBER CABLE HOUSING TO RACK BONDING BUSBAR (RBB) VIA #6AWG BONDING CONDUCTOR AND BONDING KIT.
5. ALL OPTICAL FIBER BACKBONE CABLE PATHWAYS SHALL BE NEW. DO NOT RE-USE EXISTING CABLE PATHWAYS FOR NEW BACKBONE CABLES.
6. TRANSITION PVC CONDUITS TO GRC IN CRAWL SPACE OR EXTERIOR EXPOSED LOCATIONS. TRANSITION TO EMT AT INTERIOR OF BUILDING. SEAL ALL PENETRATIONS TO MAINTAIN FIRE RATING OF WALLS, FLOORS AND CEILINGS.
7. CONTRACTOR SHALL BOND FIBER CABLE'S ARMORED CLADDING TO END OF EACH CONDUIT USING A GROUNDING BUSHING OR MINIMUM SIZE #6AWG AT EACH END OF CONDUIT.

KEYNOTES: (#)

1. ROUTE FIBER CABLES UP THROUGH NEW PATHWAY IN FLOOR OF TR #101A AND CONTINUE UP TO HEIGHT ABOVE CABLE TRAY.
2. ROUTE OF FIBER CABLES ALONG CABLE TRAY TO FIBER ENCLOSURE IN EQUIPMENT RACK.

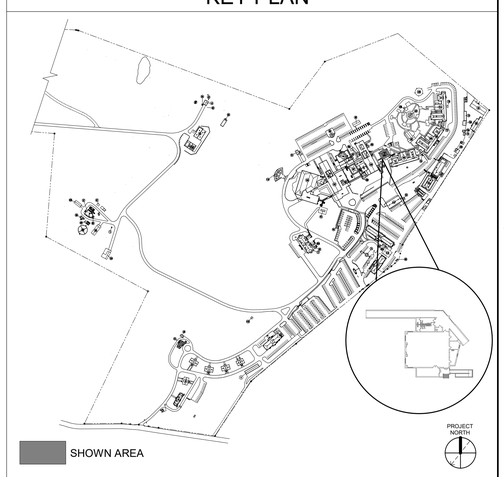


1 BUILDING 111 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

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Reg. No. 19156R
Expires 12-31-2026
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 111 - LEVEL 01 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 111
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 111TN101
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

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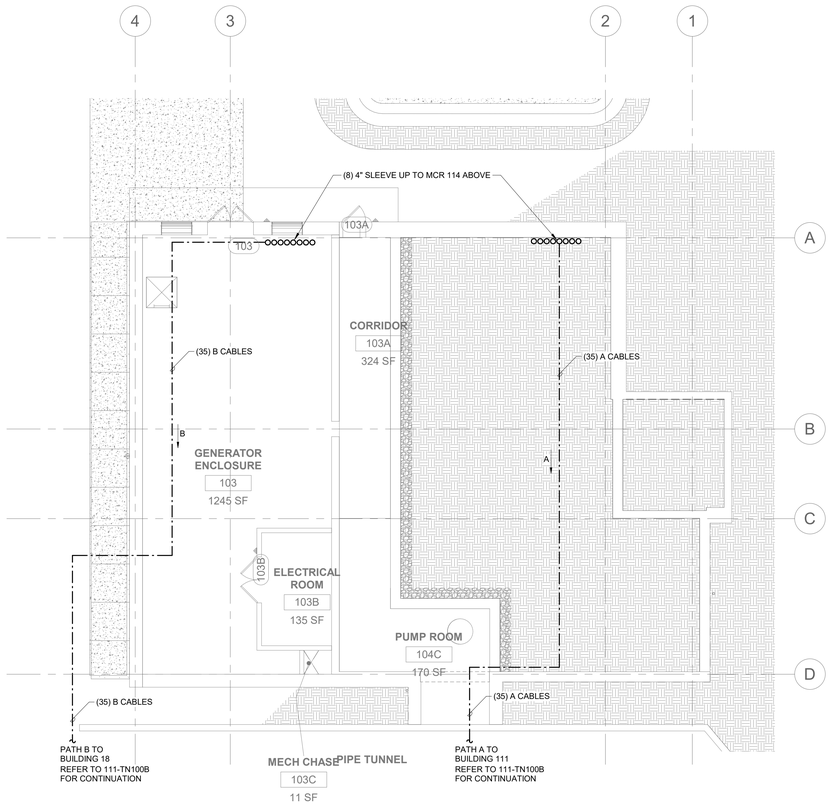

F4 BUILDING 115 - LEVEL 00 PLAN - TECHNOLOGY

1/8" = 1'-0"

Revisions:	Date:

CONSULTANT

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RCDD No. 191582R
EXPIRES 12-31-2025
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 115 - LEVEL 00 PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

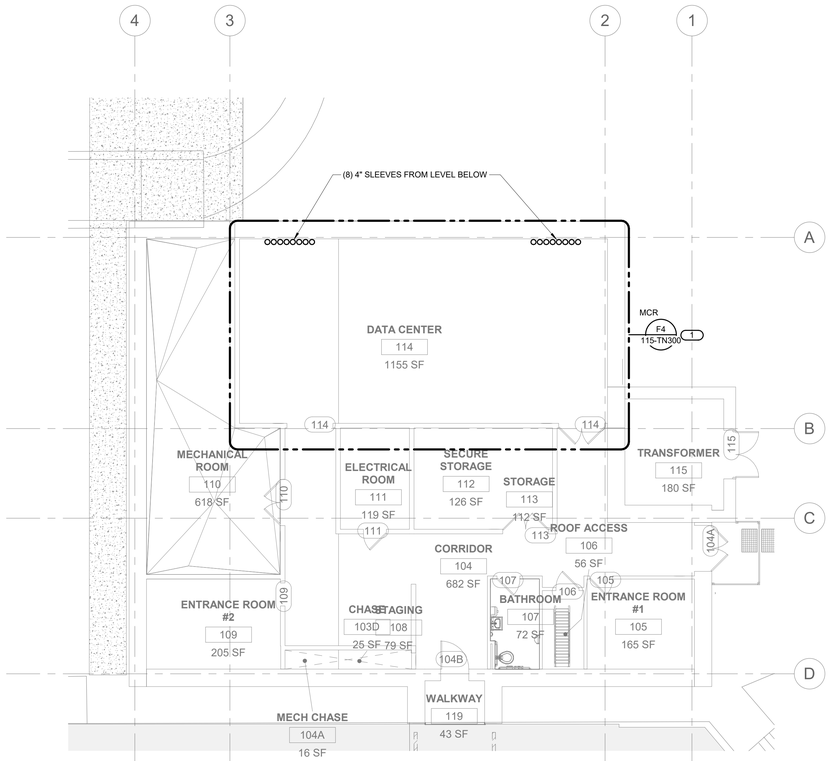
Issue Date: 11/07/2025
Checked: DJJ
Drawn: MDO

Project Number: 620A4-22-700
Building Number: 115
Drawing Number: 115TN100

VA FORM 08 - 6231

KEYNOTES: (#)

1. REFER TO F4/DC-TN300 FOR MCR LAYOUT. REFER TO 1/TN501 FOR MCR BACKBONE DIAGRAM.



F4 BUILDING 115 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

Revisions:	Date:

CONSULTANT

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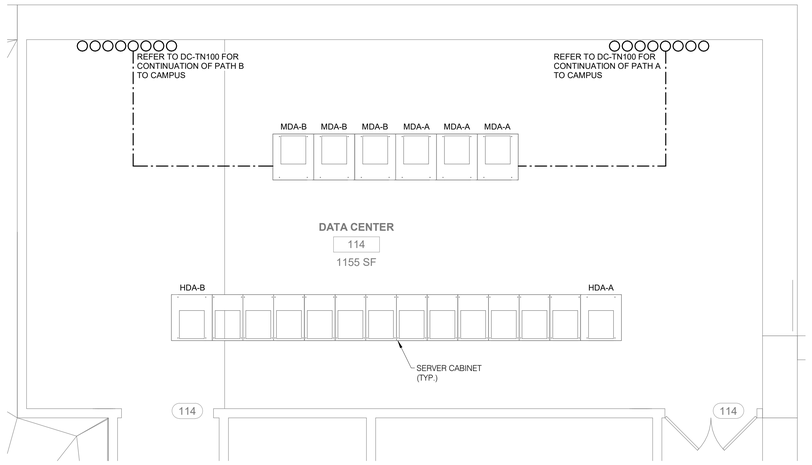
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 115 - LEVEL 01 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	Project Number: 620A4-22-700
			Building Number: 115
Approved:	FULLY SPRINKLERED	Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Drawing Number: 115TN101
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	

VA FORM 08 - 6231



F4 BUILDING 115 - MCR LAYOUT

1/4" = 1'-0"

NOTES: #

1. THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES AND INTENDED FOR BACKBONE CABLING ONLY. REFER TO SHEET 115ET101 FOR DETAILED MCR SPECIFICATIONS AND DESIGN.
2. REFER TO DC-TN101 FOR CAMPUS FIBER OPTIC BACKBONE DIAGRAM.
3. REFER TO DC-TN501 FOR MCR BACKBONE DIAGRAM.

Revisions:	Date:

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Drawing Title: BUILDING 115 - TECHNOLOGY ENLARGED PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT

Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590

Issue Date: 11/07/2025
Checked: DJJ
Drawn: MDO

Project Number: 620A4-22-700
Building Number: 115
Drawing Number: 115TN300

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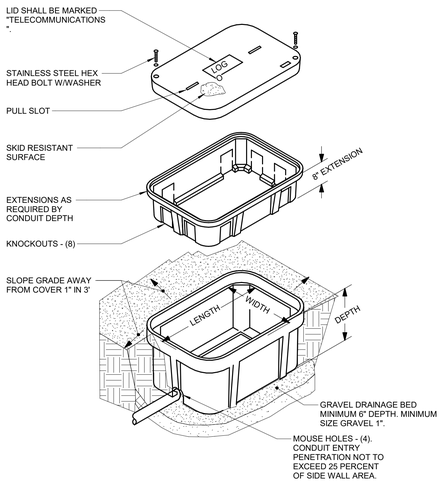
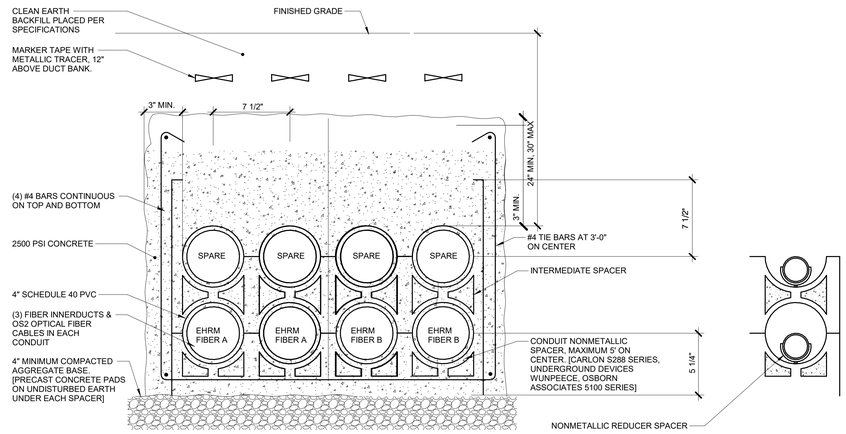


C1 EXTERIOR HAND HOLE DETAIL

NO SCALE

NOTES:

1. ALL DIMENSIONS ARE NOMINAL INSIDE CLEARANCES.
2. ANY SPLICES OR DEVICES IN HANDHOLE SHALL BE SUBMERGIBLE.

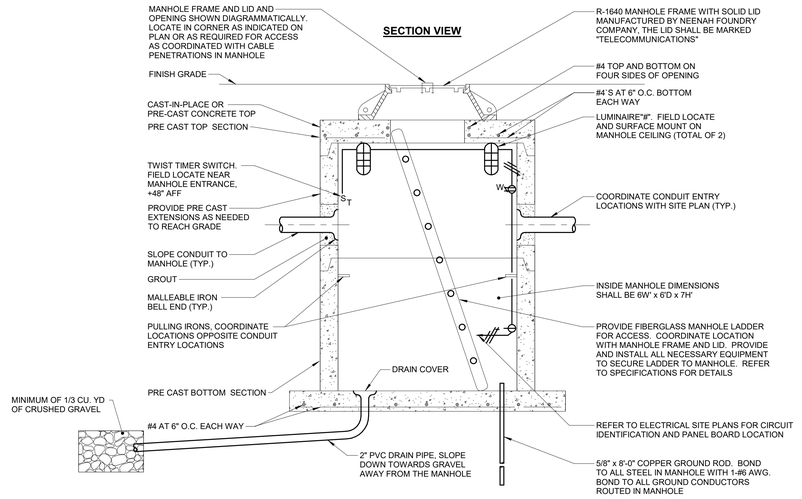


C4 TELECOMMUNICATIONS DUCT BANK DETAIL

NO SCALE

NOTES:

1. INSTALL 2000 lb TENSILE STRENGTH BRAIDED POLYPROPYLENE PULL CORD IN ALL CONDUITS.
2. TRENCHING AND BACKFILL ACCORDING TO SPECIFICATIONS.
3. MINIMUM OF 4'-0" CLEAR BETWEEN ADJACENT DUCTBANKS.
4. DOWEL ENDS OF DUCTBANK TO FOUNDATION OR MANHOLE WITH A MINIMUM OF (4) #4 DOWELS.
5. PROVIDE THREE (3) MAXCELL #MXE52224 FOUR (4) POCKET FABRIC INNERDUCTS IN EACH 4" CONDUIT.

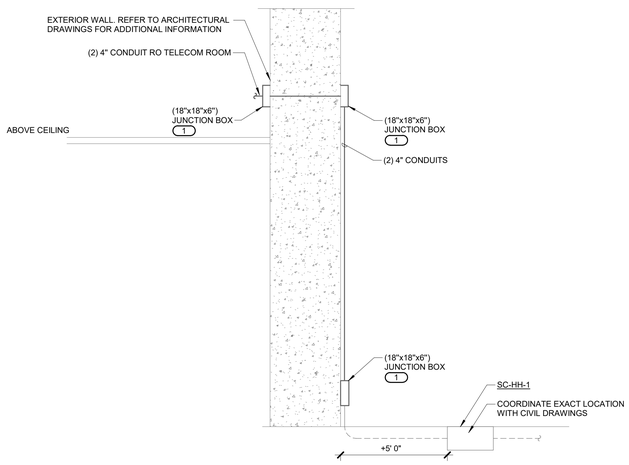


C8 TELECOMMUNICATIONS MANHOLE DETAIL

NO SCALE

NOTES:

1. DETAIL SHOWN DIAGRAMMATICALLY. REFER TO 00-TN100 FOR MANHOLE LOCATIONS.
2. DETAIL IS TYPICAL OF ALL MANHOLES.



F1 EXTERIOR PATHWAY DETAIL

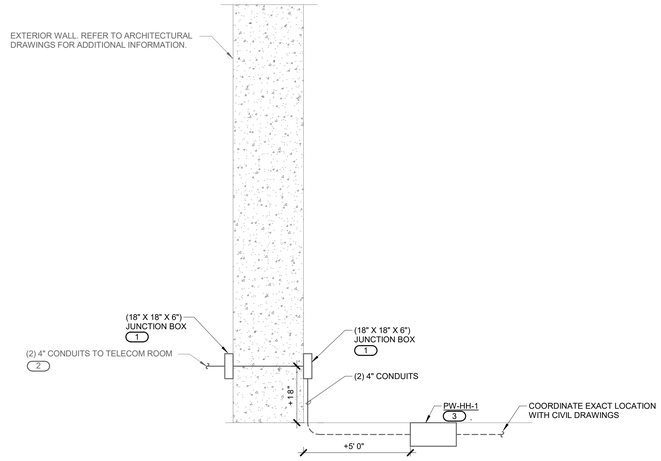
NO SCALE

NOTES:

1. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION OF HAND HOLES.

KEYNOTES: (#)

1. CONTRACTOR TO COORDINATE JUNCTION BOX LOCATION WITH OWNER.



F4 EXTERIOR HAND HOLE DETAIL - TYPE H1

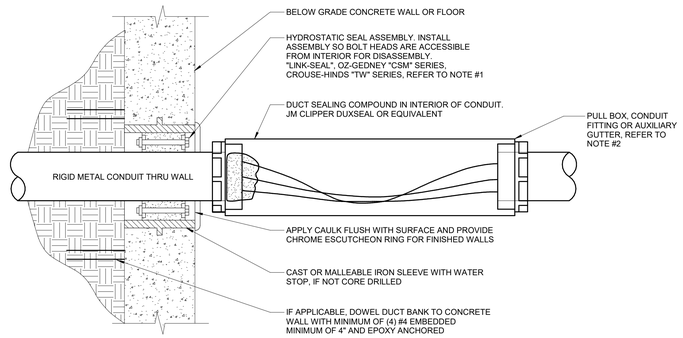
NO SCALE

NOTES:

1. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION OF HANDHOLE.

KEYNOTES: (#)

1. CONTRACTOR TO COORDINATE JUNCTION BOX ELEVATIONS WITH OWNER.
2. ROUTE 4" CONDUIT TO TELECOM ROOM. COORDINATE ROUTE WITH OWNER.
3. REFER TO C1/TN400 EXTERIOR HAND HOLE DETAIL FOR ADDITIONAL INFORMATION.



F8 EXTERIOR WALL PENETRATION DETAIL

NO SCALE

NOTES:

1. HYDROSTATIC SEAL SELECTION BASED ON OUTSIDE DIAMETER OF CONDUIT AND INSIDE DIAMETER OF SLEEVE OR BORE.
2. PROVIDE PULL BOX, CONDUIT FITTING OR AUXILIARY GUTTER, SIZED PER N.E.C. WITHIN 5' OF CONDUIT ENTER TO ALLOW SEALING OF CONDUITS. BOX ORIENTATION IS DIAGRAMMATIC SEALING COMPOUND SHALL BE NON-HARDENING MATERIAL FOR WATERSTOP AND MOISTURE BARRIER. OZ/GEDNEY "DUX" OR APPROVED EQUIVALENT SEAL BOTH ENDS OF EXTERIOR CONDUITS.
3. THIS DETAIL APPLIES TO ALL BELOW GRADE WALL AND FLOOR CONDUIT ENTRIES INTO BUILDING.

Revisions:	Date:

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Drawing Title	Phase	Project Title	Project Number
TECHNOLOGY DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT	620A4-22-700
Approved:		Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590	Building Number: N/A
		Issue Date: 11/07/2025 · Checked: DJJ · Drawn: MDO	Drawing Number: TN400

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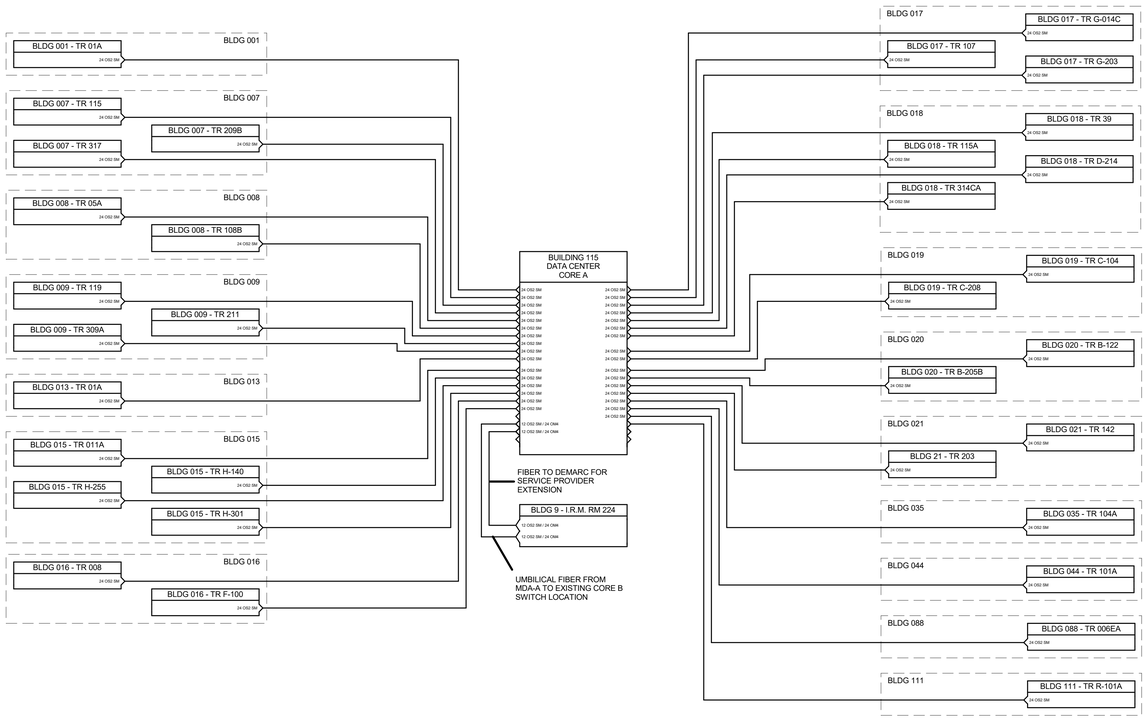
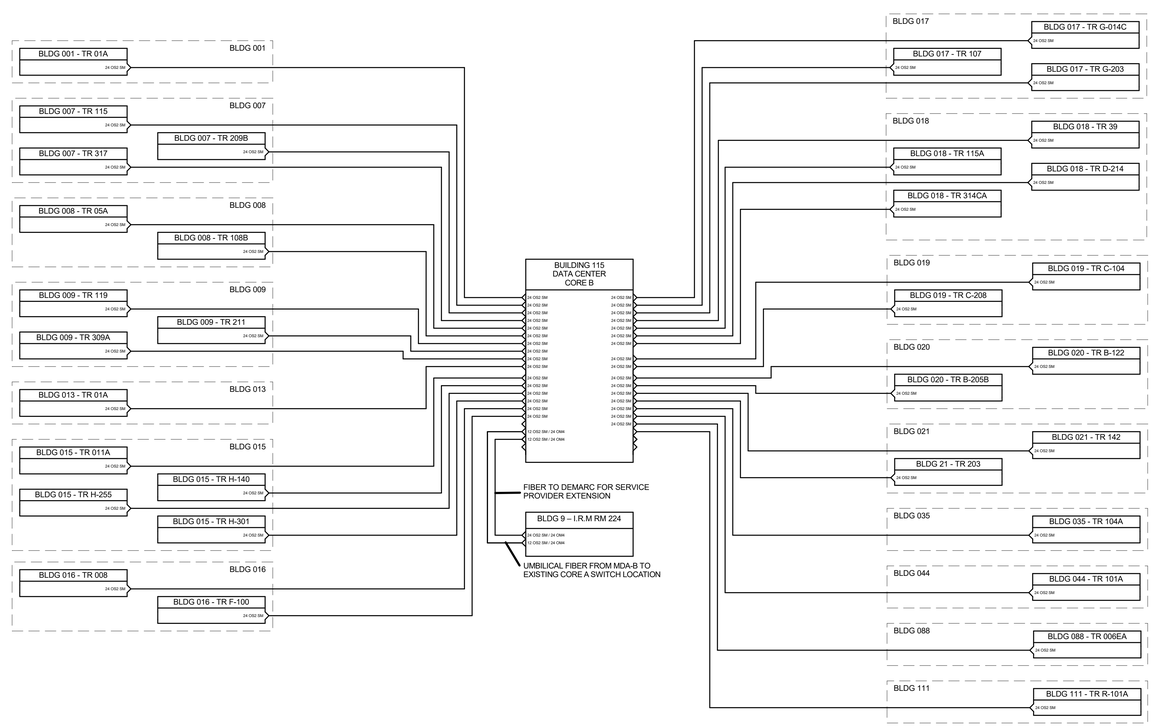


D1 FIBER OPTIC BACKBONE - LEG A

12" = 1'-0"



D6 FIBER OPTIC BACKBONE - LEG B

12" = 1'-0"

Revisions: Date:

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VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY DIAGRAMS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: DJJ
Drawn: MDO
Project Number: 620A4-22-700
Building Number: N/A
Drawing Number: TN500

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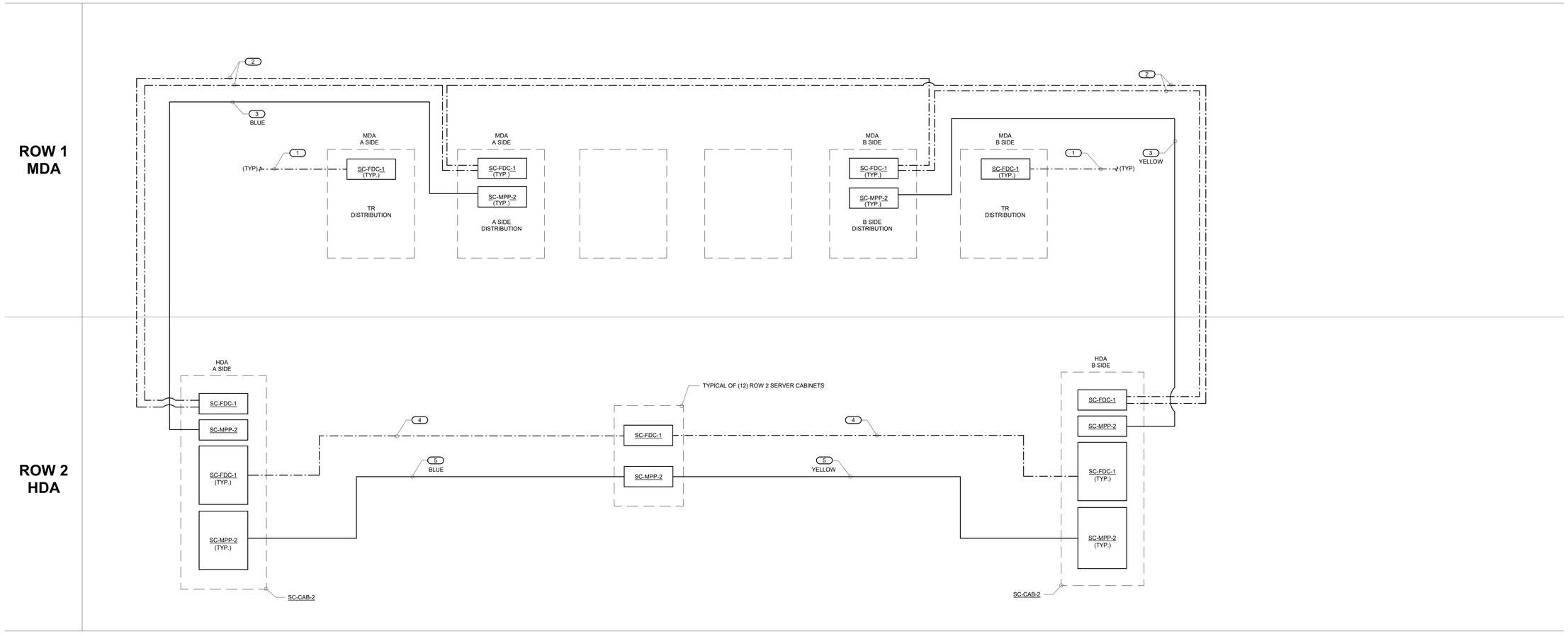

1 MCR-01 - MDA & HDA FIBER AND COPPER RISER DIAGRAM

NO SCALE

NOTES:

1. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION(S) AND CABLE TYPE. REFER TO DC-TN300 FOR MDA, HDA AND SERVER CABINET LOCATIONS.

KEY NOTES: (#)

1. FIBER OPTIC BACKBONE CABLING. REFER TO FIBER OPTIC BACKBONE RISER DIAGRAMS ON TN500 FOR FIBER TYPES, QUANTITIES, AND ROUTING.
2. (4) 12F OM4 FIBER OPTIC CABLES, PRETERMINATED MPO CABLE TRUNKS. INSTALL A-SIDE ON LEFT OF ENCLOSURE, B-SIDE ON RIGHT OF ENCLOSURE.
   A. PROVIDE (1) 12F LC MPO TYPE-A CASSETTE PER TRUNK. LEVITON HDX ENTERPRISE MTP, OR EQUIVALENT.
3. (8) 6-CABLE CATEGORY 6A, TIA 568-B, UNSHIELDED TWISTED PAIR, CMP, PRE-TERMINATED CABLE ASSEMBLY. PROVIDES (48) CAT 6A CABLES TOTAL.
   A. BERK-TEK LANMARK-10G2 CABLE, OR EQUIVALENT
   B. LEVITON ATLAS-X1 E2XHD CONNECTIVITY, OR EQUIVALENT
   C. PROVIDE WITH BLUE JACKS FOR CABLES SERVED FROM HDA A-SIDE. PROVIDE YELLOW JACKS FOR CABLES SERVED FROM HDA B-SIDE.

KEYNOTES:

4. (2) 12F OM4 FIBER OPTIC CABLES, PRETERMINATED MPO CABLE TRUNKS. INSTALL A-SIDE ON LEFT OF ENCLOSURE, B-SIDE ON RIGHT ON ENCLOSURE.
   A. PROVIDE (1) 12F LC MPO TYPE-A CASSETTE PER TRUNK. LEVITON HDX ENTERPRISE MTP, OR EQUIVALENT.
5. (4) 6-CABLE CATEGORY 6A, TIA 568-B, UNSHIELDED TWISTED PAIR, CMP, PRE-TERMINATED CABLE ASSEMBLY. PROVIDES (48) CAT 6A CABLES TOTAL IN SC-CAB-1.
   A. BERK-TEK LANMARK-10G2 CABLE, OR EQUIVALENT
   B. LEVITON ATLAS-X1 E2XHD CONNECTIVITY, OR EQUIVALENT
   C. PROVIDE WITH BLUE JACKS FOR CABLES SERVED FROM HDA A-SIDE. PROVIDE YELLOW JACKS FOR CABLES SERVED FROM HDA B-SIDE.

Revisions: Date:

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Drawing Title: TECHNOLOGY DIAGRAMS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
Project Title: EHRM INFRASTRUCTURE UPGRADES - CASTLE POINT
Location: VA HUDSON VALLEY MEDICAL CENTER (VAMC) 41 CASTLE POINT RD, WAPPINGERS FALLS, NY 12590
Issue Date: 11/07/2025
Checked: DJJ
Drawn: MDO
Project Number: 620A4-22-700
Building Number: N/A
Drawing Number: TN501

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