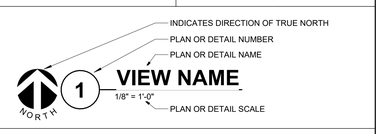
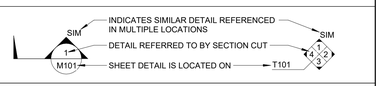
VIEW KEY

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





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 — 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 SYMBOL LIST

SYMBOL:	EQUIPMENT LIST ABBREV.:	DESCRIPTION:	NOTE:
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(S): 00-T500.

TECHNOLOGY SYMBOL NOTES:

1. "C#" INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION. REFER TO INFORMATION OUTLET SCHEDULE ON FOR ADDITIONAL INFORMATION.
2. REFER TO LINE TYPE KEY FOR NEW, EXISTING TO REMAIN, OR DEMO LINE TYPE.

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
MC-#	MAIN CROSS-CONNECT
TR-#	TELECOMMUNICATIONS ROOM
MCR-#	MAIN COMPUTER ROOM

TECHNOLOGY SHEET INDEX

00-T000	TECHNOLOGY COVERSHEET
00-T201	GROUND LEVEL SITE PLAN - TECHNOLOGY
00-T400	TECHNOLOGY DETAILS
00-T500	TECHNOLOGY DIAGRAMS
01-TN100	BUILDING 01 - BASEMENT FLOOR PLAN - TECHNOLOGY
01-TN101	BUILDING 01 - GROUND LEVEL PLAN - TECHNOLOGY
01-TN102	BUILDING 01 - LEVEL 01 PLAN - TECHNOLOGY
01-TN103	BUILDING 01 - LEVEL 02 PLAN - TECHNOLOGY
01-TN104	BUILDING 01 - LEVEL 2.5 PLAN - TECHNOLOGY
01-TN105	BUILDING 01 - LEVEL 03 PLAN - TECHNOLOGY
01-TN106	BUILDING 01 - LEVEL 04 PLAN - TECHNOLOGY
01-TN107	BUILDING 01 - LEVEL 05 PLAN - TECHNOLOGY
01-TN108	BUILDING 01 - LEVEL 06 PLAN - TECHNOLOGY
01-TN109	BUILDING 01 - LEVEL 07 PLAN - TECHNOLOGY
01-TN110	BUILDING 01 - LEVEL 08 PLAN - TECHNOLOGY
01-TN111	BUILDING 01 - LEVEL 09 PLAN - TECHNOLOGY
01-TN200	TECHNOLOGY ROOM ENLARGEMENTS
01-TN201	TECHNOLOGY ROOM ENLARGEMENTS
02-TN100	BUILDING 02 - BASEMENT FLOOR PLAN - TECHNOLOGY
02-TN200	TECHNOLOGY ROOM ENLARGEMENTS
16-TN101	BUILDING 16 - LEVEL 01 PLAN - TECHNOLOGY
16-TN200	TECHNOLOGY ROOM ENLARGEMENTS
GRAND TOTAL: 22	

SUGGESTED MATRIX OF RESPONSIBILITY

ITEM:	SHOWN ON:	FURNISHED BY:	INSTALLED BY:	NOTES:
CONDUIT SLEEVES (WHEN SHOWN ON DRAWINGS)	T-SERIES	E.C.	E.C.	
CONDUIT SLEEVES (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	N/A	T.C.	T.C.	2. 3.
TELECOMMUNICATION SYSTEMS ROUGH-IN	T-SERIES	E.C.	E.C.	1.
TELECOMMUNICATION EQUIPMENT, CABLING, AND TERMINATIONS	T-SERIES	T.C.	T.C.	
CABLE TRAY (INCLUDING WIRE BASKET TRAY) TO SPECIFICATION SECTION 27 05 28 FOR DEFINITION	T-SEARIES	E.C	E.C	
GROUNDING LUGS ON TECHNOLOGY EQUIPMENT	T-SERIES	T.C.	E.C.	5.
LOW VOLTAGE CABLING FOR TECHNOLOGY SYSTEMS	T-SERIES	T.C.	T.C.	
CABLE HANGERS AND SUPPORTS OR OTHER CABLE ROUTING METHODS (OTHER THAN CONDUIT AND CABLE TRAY)	T-SERIES	T.C.	T.C.	4.
TECHNOLOGY SERVICE ENTRANCE CONDUITS, HANDHOLES, AND MANHOLES	T-SERIES	E.C.	E.C.	

SUGGESTED MATRIX OF RESPONSIBILITY NOTES

1. LOCATIONS OF TELECOMMUNICATIONS ROUGH-INS SHALL BE INDICATED BY THE INFORMATION OUTLET SYMBOLS ON THE DRAWINGS. REFER TO THE TECHNOLOGY SYMBOL LIST FOR ADDITIONAL INFORMATION.
2. BASED ON THE INHERENT DIFFERENCES IN PRODUCTS FROM VARIOUS MANUFACTURERS, ALL REQUIRED EQUIPMENT MAY NOT BE SHOWN ON THE DRAWINGS FOR ALL ACCEPTABLE MANUFACTURERS.
3. 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.
4. UNLESS TRADE RULES DICTATE OTHERWISE.
5. FURNISHED AS PART OF THE EQUIPMENT WHEN POSSIBLE, OR FURNISHED TO THE E.C. FOR INSTALLATION IN THE FIELD.

TELECOM ROOM REFERENCES

TELECOM ROOM	DETAIL / SHEET REFERENCE	FLOOR PLAN REFERENCE	ARCH ROOM NUMBER
MCR-DC2	06/01-TN201	01-TN107	DC2
TE-G55	04/01-TN201	01-TN103	G55
TR-16-12	01/16-TN200	16-TN101	16-12
TR-AL08	7/01-TN201	01-TN100	AL08
TR-BT03	01/02-TN200	02-TN100	BT03
TR-C106A	04/01-TN200	01-TN102	C106A
TR-C203	06/01-TN200	01-TN103	C203
TR-C303	08/01-TN200	01-TN105	C303
TR-C403A	10/01-TN200	01-TN106	C403A
TR-C507	11/01-TN200	01-TN107	C507
TR-C607	12/01-TN200	01-TN108	C607
TR-C703	01/01-TN201	01-TN109	C703
TR-C808	02/01-TN201	01-TN110	C808
TR-C907	03/01-TN201	01-TN111	C907
TR-CG06A	03/01-TN200	01-TN101	CG06A
TR-DC4	06/01-TN201	01-TN107	DC4
TR-S196	05/01-TN200	01-TN102	S196
TR-S272	07/01-TN200	01-TN104	S272
TR-S406	09/01-TN200	01-TN106	S406
TR-SG95	02/01-TN200	01-TN101	SG95
TR-SL06	01/01-TN200	01-TN100	SL06

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 INSTALLATION NOTES:

1. 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.
2. VERIFY ALL EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL TELECOMMUNICATIONS INSTALLATION, ADJUST CONNECTION LOCATIONS TO ACCOMMODATE EQUIPMENT.
3. 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.
4. 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.
5. 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.
6. THE TECHNOLOGY CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF THE CEILINGS, CEILING TILES, AND CEILING GRID ASSOCIATED WITH THE AREAS OF WORK REQUIRED FOR THE TELECOMMUNICATION SCOPE.
7. ALL LADDER RACK AND CABLE TRAY SIZES ARE AS DEFINED ON THE DRAWINGS.
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. PROVIDE RACEWAY AND BOXES LISTED FOR THE INSTALLED ENVIRONMENT. SEAL RACEWAY AND BOX FROM WATER AND MOISTURE AT TRANSISTION BETWEEN DIFFERENT ENVIRONMENTAL CONDITIONS SUCH AS INTERIOR/EXTERIOR, TEMPERATURE CHANGES, ETC.

TECHNOLOGY PHASING NOTES

1. THE EXISTING BACKBONE CABLING SYSTEM TO REMAIN OPERATIONAL DURING THE INSTALLATION OF THE NEW BACKBONE CABLING SYSTEM. THE SYSTEM SHALL NOT BE DISRUPTED UNLESS COORDINATED IN ADVANCE WITH THE OWNER AND ENGINEER AND AT THEIR DISCRETION ON DATE AND TIME.
2. REFER TO THE DRAWINGS FOR THE LOCATIONS OF THE NEW AND EXISTING TELECOMMUNINCATIONS ROOMS (TRS) AND THE MAIN COMPUTER ROOM (MCR)

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. 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.
3. COORDINATE ALL WORK WITH OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING EQUIPMENT AND INSTALLING NEW ITEMS.
4. 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.
5. DEVICES TO BE REMOVED SHALL HAVE ALL CONNECTED WIRING REMOVED TO THE SOURCE.
6. 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 DISCUSS 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 COPPER OR FIBER IS NOT RESTING ON EARTH AFTER FINAL INSTALLATION.

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VA Syracuse EHRM
Infrastructure Upgrades/
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Revisions: | Date:

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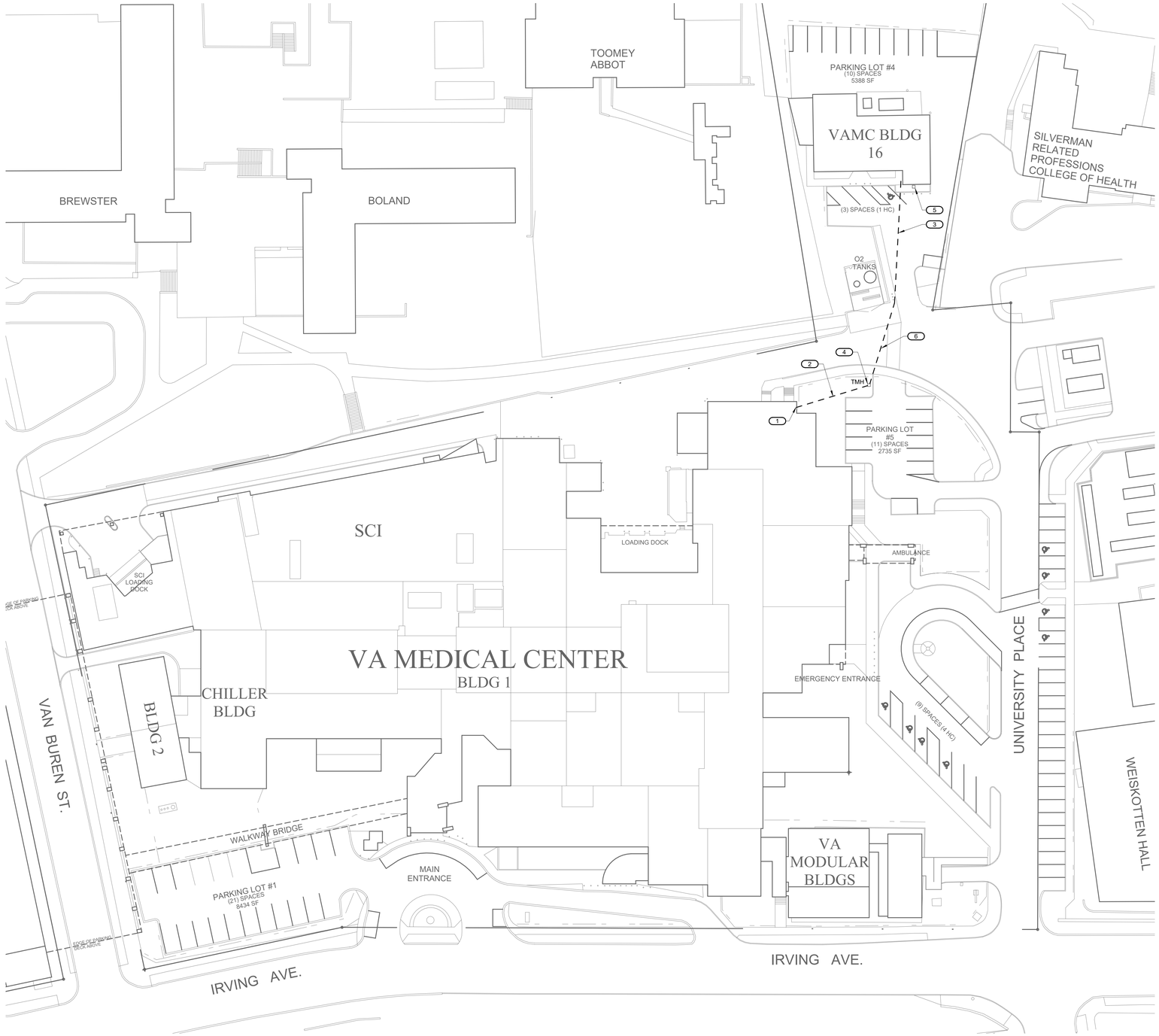
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY COVERSHEET
Phase: 100% CONSTRUCTION DOCUMENTS
Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA
Project Number: 528A7-22-700
Building Number:
Approved:
Location: VA NY SYRAUSE, 8000 IRVING AVE., SYRACUSE, NY 13210
Drawing Number: 00-T000
Issue Date: 08/22/2025
Checked: CRABUC
Drawn: MATSTU

VA FORM 08 - 6231



1 GROUND LEVEL SITE PLAN - TECHNOLOGY

1/32" = 1'-0"

PROJECT NORTH

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. REFER TO ELECTRICAL, AND EXISTING SITE DRAWINGS FOR ADDITIONAL INFORMATION, INCLUDING EXACT PATHWAY ROUTING.

KEYNOTES: #

1. REFER TO SHEET 01-TN100 FOR CONDUIT ENTRY LOCATION.
2. EXISTING 4" CONDUIT FROM SHAFT NL02A TO EXISTING TECHNOLOGY MAINTENANCE HOLE (TMH).
3. EXISTING 4" CONDUIT FROM EXISTING TMH TO EXISTING JUNCTION BOX ON WALL OF BUILDING 16.
4. EXISTING TECHNOLOGY MAINTENANCE HOLE (TMH).
5. EXISTING 2X2 TECHNOLOGY JUNCTION BOX ON WALL TO REMAIN. COIL EXISTING FIBER SERVING EXISTING TR ON BACKBOARD AND LABEL FOR FUTURE USE AT END OF PROJECT.
6. CONDUITS SHOWN ARE FROM PREVIOUS EXISTING DRAWINGS FEILD VERIFY MAINTENANCE HOLES THAT SEREV JUNCTION BOXES SHOWN. CONTRACTOR IS TO UTILIZE EXISTING SPARE 4" CONDUITS BETWEEN BUILDING 16 AND BUILDING 1 FOR EHRM PROJECT NEW FIBER BACKBONES.

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GROUND LEVEL SITE PLAN - TECHNOLOGY

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA

Location: VA NY SYRAUSE

Issue Date: 08/22/2025

Checked: CRABUC

Drawn: MATSTU

Project Number: 528A7-22-700

Building Number:

Drawing Number: 00-T201

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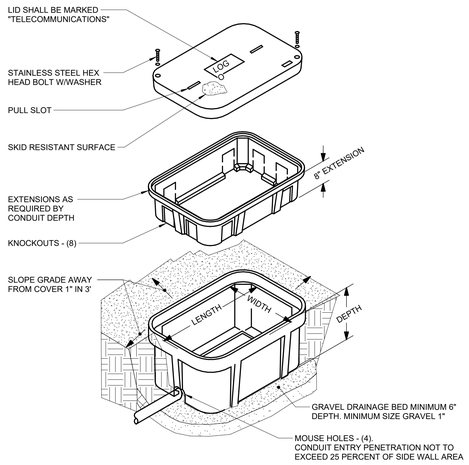
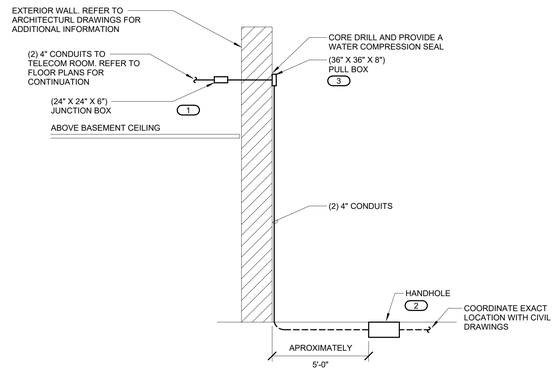


NOTES:

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

1 EXTERIOR HAND HOLE DETAIL

NO SCALE



NOTES:

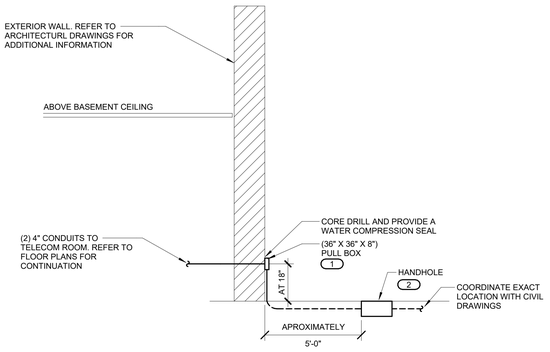
1. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION OF HANDHOLES.

KEYNOTES: #

1. CONTRACTOR TO COORDINATE JUNCTION BOX ELEVATION TO PROVIDE ABOVE CEILING ELEVATION.
2. REFER TO 00-T400 EXTERIOR HAND HOLE DETAIL FOR ADDITIONAL INFORMATION.
3. TRANSITION CONDUITS TO GRC AT BUILDING.

2 EXTERIOR PATHWAY DETAIL

NO SCALE



NOTES:

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

KEYNOTES: #

1. CONTRACTOR TO COORDINATE JUNCTION BOX ELEVATION TO PROVIDE ABOVE CEILING ELEVATION.
2. TRANSITION CONDUITS TO GRC AT BUILDING.

3 EXTERIOR PATHWAY DETAIL

NO SCALE

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EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY DETAILS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA

Location: VA NY SYRAUSE

Issue Date: 08/22/2025

Checked: CRABUC

Drawn: MATSTU

Project Number: 528A7-22-700

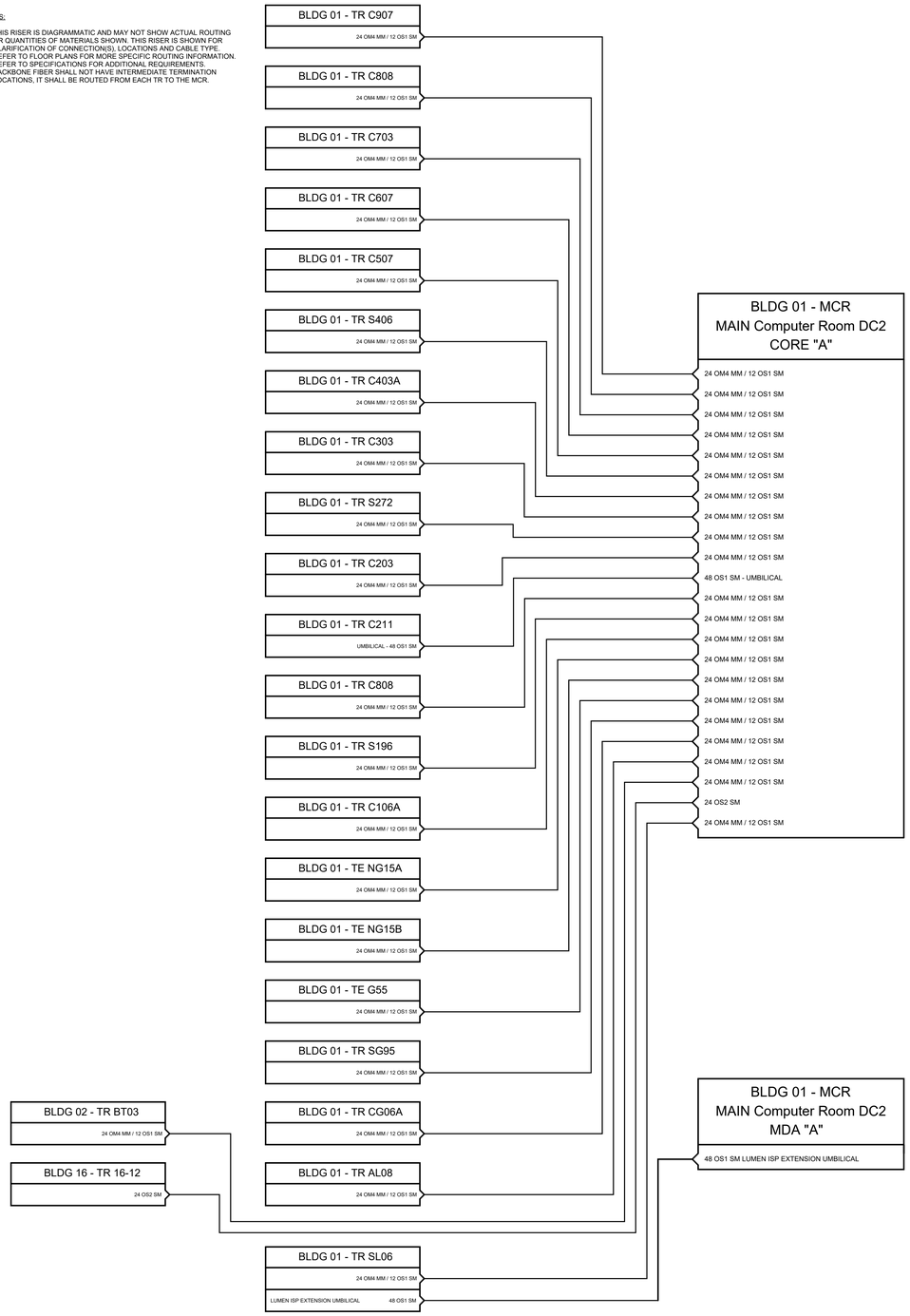
Building Number:

Drawing Number: 00-T400

VA FORM 08 - 6231

NOTES:

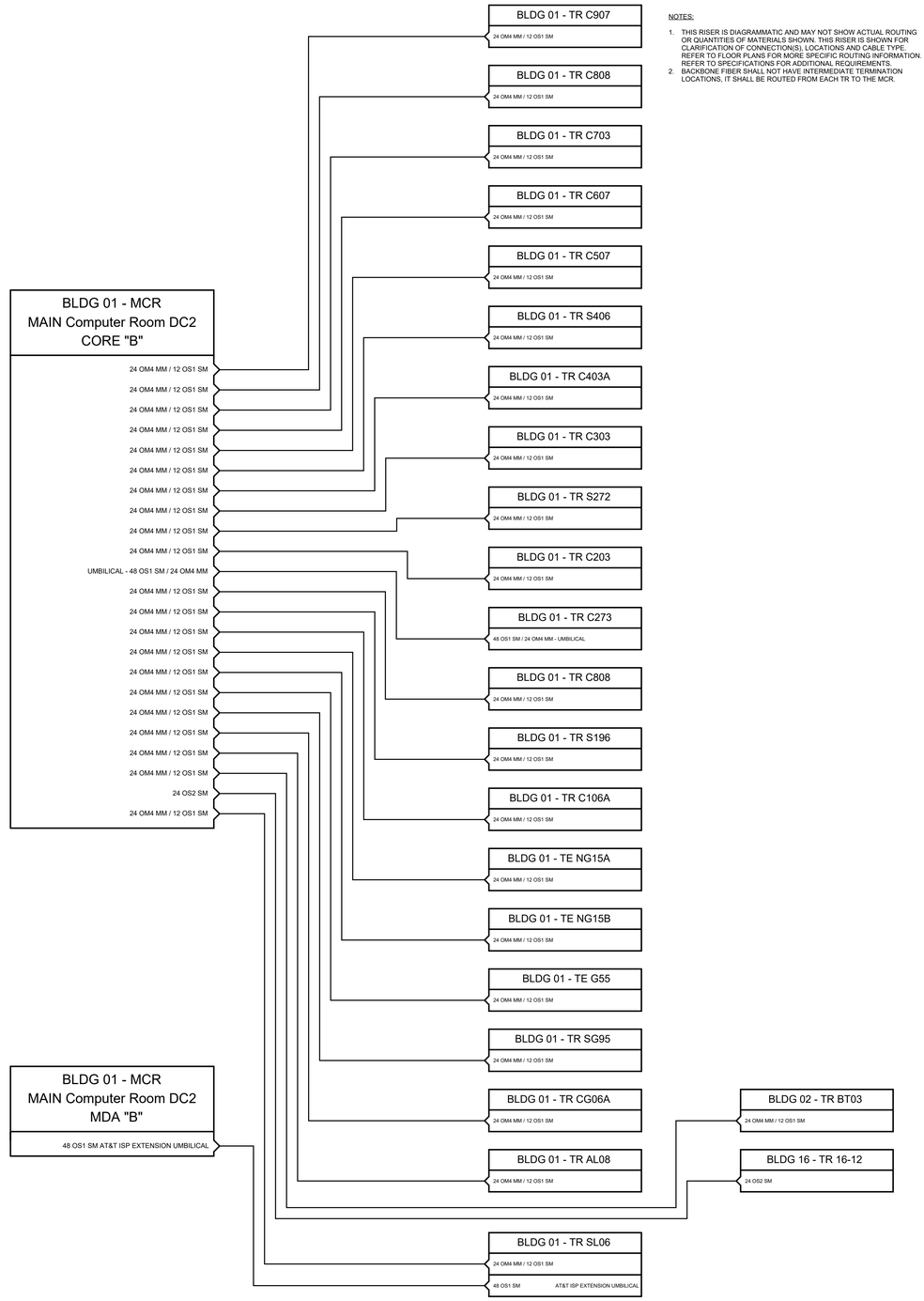
1. THIS RISER IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS SHOWN. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION(S), LOCATIONS AND CABLE TYPE. REFER TO FLOOR PLANS FOR MORE SPECIFIC ROUTING INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. BACKBONE FIBER SHALL NOT HAVE INTERMEDIATE TERMINATION LOCATIONS, IT SHALL BE ROUTED FROM EACH TR TO THE MCR.



1 **FIBER OPTIC BACKBONE RISER "LEG A"**
NO SCALE

NOTES:

1. THIS RISER IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS SHOWN. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION(S), LOCATIONS AND CABLE TYPE. REFER TO FLOOR PLANS FOR MORE SPECIFIC ROUTING INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. BACKBONE FIBER SHALL NOT HAVE INTERMEDIATE TERMINATION LOCATIONS, IT SHALL BE ROUTED FROM EACH TR TO THE MCR.



2 **FIBER OPTIC BACKBONE RISER "LEG B"**
NO SCALE

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EXPIRES 10-31-27
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
TECHNOLOGY DIAGRAMS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	528A7-22-700
			Building Number
Approved:		Location: VA NY SYRAUSE	Drawing Number: 00-T500
		Issue Date: 08/22/2025 · Checked: CRABUC · Drawn: MATSTU	

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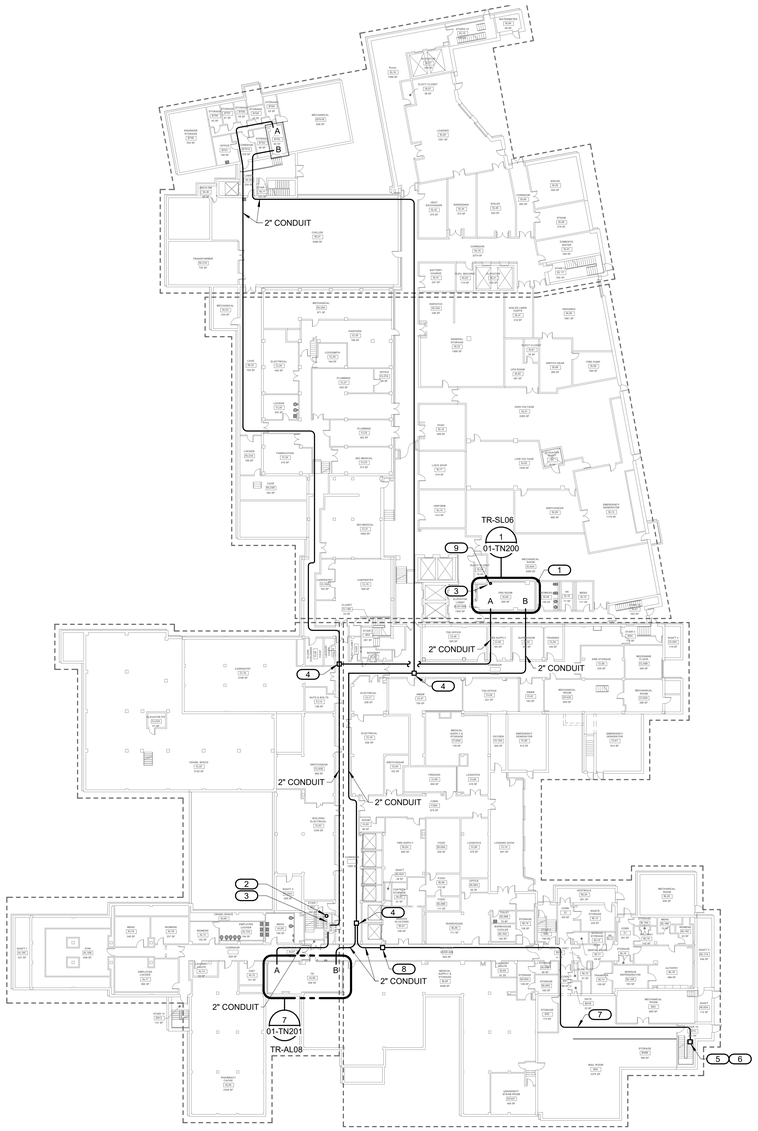

1 BLDG 01 - BASEMENT FLOOR PLAN - TECHNOLOGY

1" = 30'-0"

PROJECT NORTH

0' 15' 30' 60'

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2". PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: #

1. NEW TR LOCATED IN EXISTING SERVER ROOM.
2. VERTICAL RISER FOR "A" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 4" CONDUIT SLEEVE UP TO AG01. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
3. PROVIDE 12" LADDER RACK ON WALL, DRESS FIBER CABLES TO IT FOR SUPPORT.
4. PROVIDE 18 x 12 x 6 JUNCTION BOX.
5. EXISTING JUNCTION BOX UNDER STAIRS WITH 4" CONDUITS FROM BUILDING 16. SEE SHEET 00-T201/1 FOR CONTINUATION.
6. PROVIDE 24" x 24" x 6" JUNCTION BOX ON WALL FOR FUSION SPLICING WET LISTED OS2 FIBER FROM BUILDING 16 TO RISER RATED OS1 CABLE USED IN BUILDING 1.
7. EXISTING 3" CONDUIT WITH PULL ROPE TO EXISTING PULL BOX.
8. EXISTING PULL BOX ABOVE CORRIDOR CEILING IN CORRIDOR. PROVIDE 2" CONDUIT TO NEW PULL BOX IN CORRIDOR ACROSS FROM RISER CLOSET AL03.
9. VERTICAL RISER FOR "B" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 4" CONDUIT SLEEVE UP TO TR-SG95. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

IMEG
www.imegcorp.com
855 GRANDVIEW AVE
SUITE 300
COLUMBUS, OH 43215
P: 614.443.1178
PROJECT #23000139.00

ARCHITECT/ ENGINEER OF RECORD

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SPEES DESIGN BUILD
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BICSI
Marty Miller
RCDD ID # 128646
EXPIRES 12-31-27
RCDD

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Drawing Title: BUILDING 01 - BASEMENT FLOOR PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	Project Number: 528A7-22-700
			Building Number: 001
Approved:	FULLY SPRINKLERED	Location: VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210	Drawing Number: 01-TN100
		Issue Date: 08/22/2025 · Checked: CRABUC · Drawn: MATSTU	

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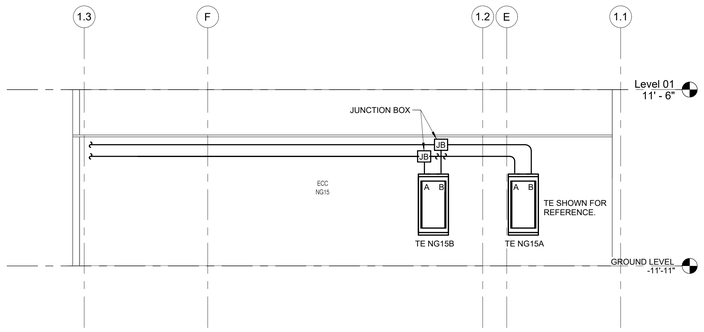
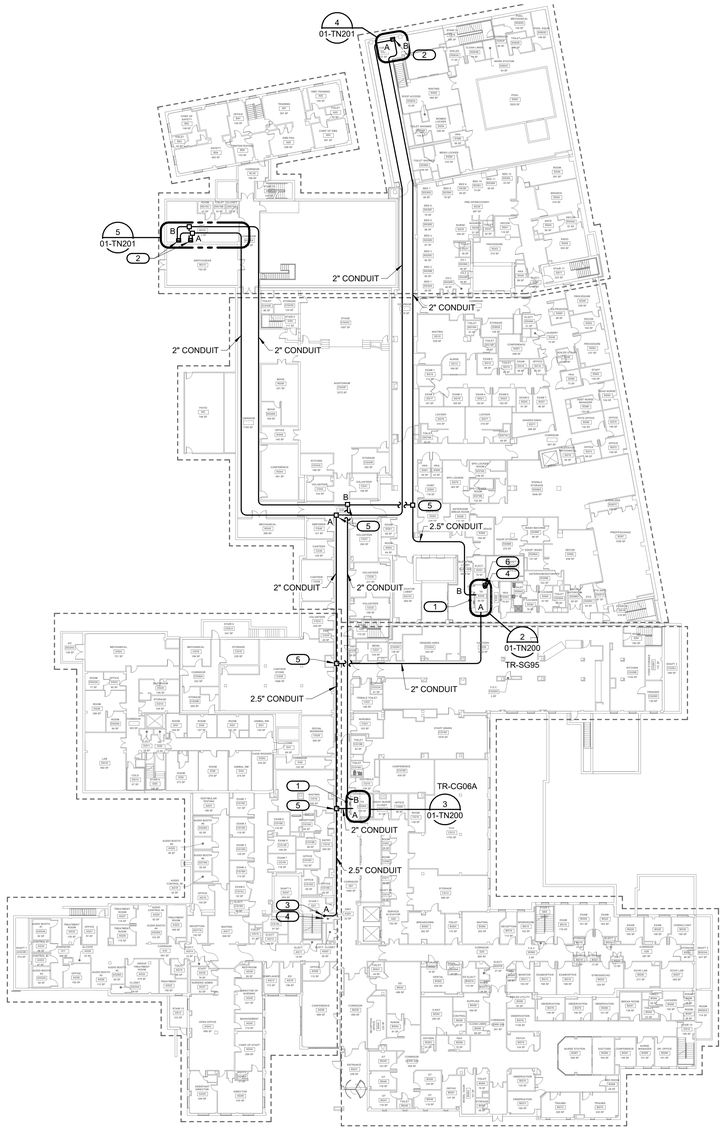


2 ELEVATION VIEW TE-N915A, N915B

1/4" = 1'-0"



1 BLDG 01 - GROUND LEVEL PLAN - TECHNOLOGY

1" = 30'-0"

PROJECT NORTH

0' 15' 30' 60'

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: (#)

1. NEW TR.
2. NEW TE ENCLOSURE, REFER TO TELCOM SHEET 01-TN201 FOR ADDITIONAL INFORMATION.
3. VERTICAL RISER FOR "A" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 4" CONDUIT SLEEVE UP TO A101. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
4. PROVIDE 12" LADDER RACK ON WALL, DRESS FIBER CABLES TO IT FOR SUPPORT.
5. PROVIDE 18" x 12" x 6" JUNCTION BOX.
6. VERTICAL RISER FOR "B" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 4" CONDUIT SLEEVE UP TO TR-S196. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

IMEG
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PROJECT #23000139.00

ARCHITECT/ ENGINEER OF RECORD

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KENT, WA 98032

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INDUSTRY STANDARDS
EXPIRES 12-31-27
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 01 - GROUND LEVEL PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	Project Number: 528A7-22-700
Approved:	FULLY SPRINKLERED		Building Number: 001
		Location: VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210	Drawing Number: 01-TN101
		Issue Date: 08/22/2025 / Checked: CRABUC / Drawn: MATSTU	

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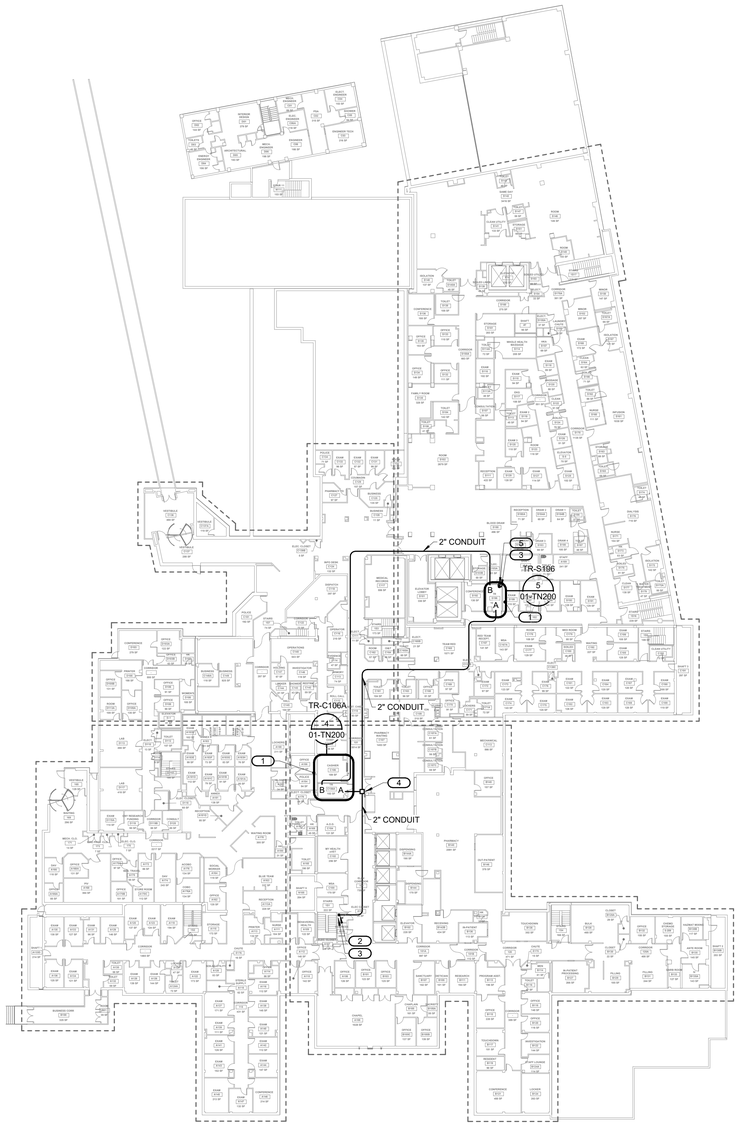

1 BLDG 01 - LEVEL 01 PLAN - TECHNOLOGY

1" = 30'-0"

PROJECT NORTH

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: #

1. NEW TR.
2. VERTICAL RISER FOR "A" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 4" CONDUIT SLEEVE UP TO A201. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
3. PROVIDE 12" LADDER RACK ON WALL, DRESS FIBER CABLES TO IT FOR SUPPORT.
4. PROVIDE 18" x 12" x 6" JUNCTION BOX.
5. VERTICAL RISER FOR "B" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 4" CONDUIT SLEEVE UP TO TR-S196. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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PROJECT #23000139.00

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EXPIRES 12-31-27
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VA U.S. Department of Veterans Affairs

Drawing Title	BUILDING 01 - LEVEL 01 PLAN - TECHNOLOGY
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA
Project Number	528A7-22-700
Building Number	001
Location	VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210
Drawing Number	01-TN102
Issue Date	08/22/2025
Checked	CRABUC
Drawn	MATSTU

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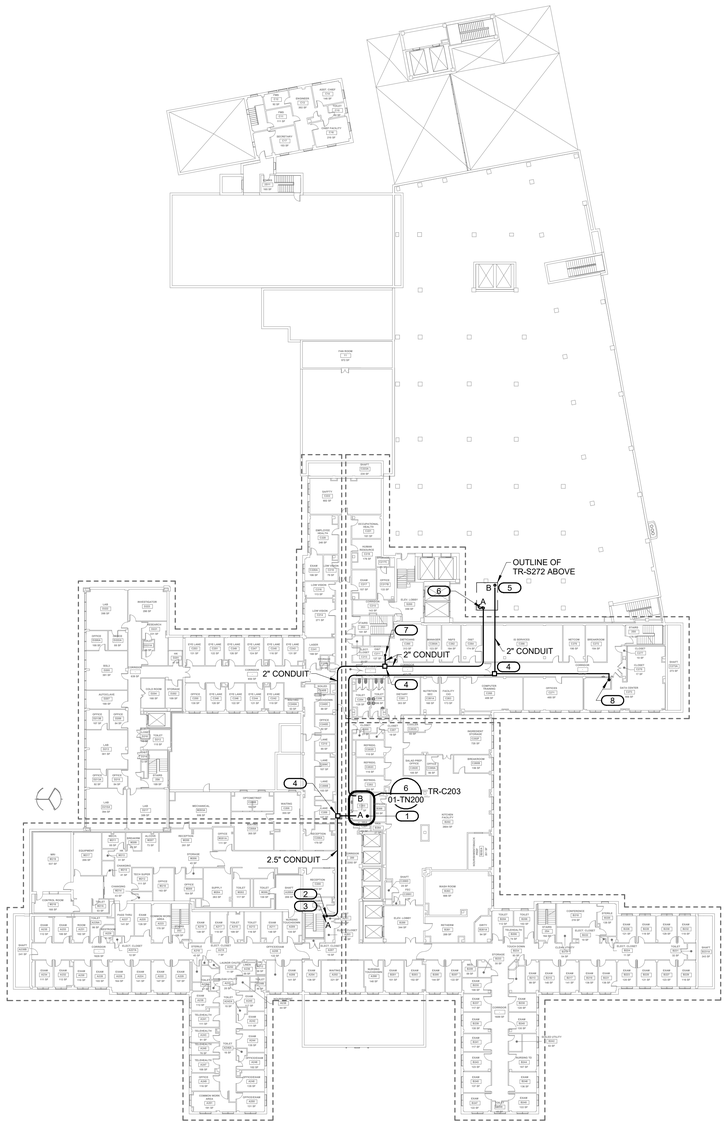

1 BLDG 01 - LEVEL 02 PLAN - TECHNOLOGY

1" = 30'-0"

PROJECT NORTH

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: #

1. NEW TR.
2. VERTICAL RISER FOR "A" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 2 QTY. 4" CONDUIT SLEEVES UP TO A301. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
3. PROVIDE 12" LADDER RACK ON WALL, DRESS FIBER CABLES TO IT FOR SUPPORT.
4. PROVIDE 18" x 12" x 6" JUNCTION BOX.
5. VERTICAL RISER FOR "B" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 2 QTY. 4" CONDUIT SLEEVES UP TO TR-S272. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
6. PROVIDE 2" CONDUIT DOWN FROM TR-S272 ABOVE. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
7. 48 STRAND SINGLEMODE AND 24 STRAND OM4 MULTIMODE UMBILICAL UP TO MCR ON LEVEL 6 VIA "A" SIDE FIBER RISER.
8. 48 STRAND SINGLEMODE UMBILICAL UP TO MCR ON LEVEL 6 VIA "B" SIDE FIBER RISER.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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Matthew Miller
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Drawing Title: BUILDING 01 - LEVEL 02 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	Project Number: 528A7-22-700
Approved:	FULLY SPRINKLERED	Location: VA NY SYRACUSE, 800 IRVING AVE , SYRACUSE, NY 13210	Building Number: 001
		Issue Date: 08/22/2025 · Checked: CRABUC · Drawn: MATSTU	Drawing Number: 01-TN103

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1 BLDG 01 - LEVEL 2.5 PLAN - TECHNOLOGY

1/16" = 1'-0"

0' 10' 30' 60'

PROJECT NORTH

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: #

1. NEW TR
2. 2" CONDUIT DOWN TO LEVEL 2 BELOW FOR "A" SIDE FIBER FROM TR-S272. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
3. VERTICAL RISER FOR "B" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 2 QTY. 4" CONDUIT SLEEVES UP TO LEVEL 3 ABOVE. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
4. PROVIDE 12" LADDER RACK ON WALL, DRESS FIBER CABLES TO IT FOR SUPPORT.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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PROJECT #23000139.00

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23830 PACIFIC HIGHWAY S. SUITE 203
KENT, WA 98032

SDB SPEESDESIGNBUILD

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BICSI ID #: 1286446
EXPIRES 12-31-27
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 01 - LEVEL 2.5 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	Project Number: 528A7-22-700
			Building Number: 001
Approved:	FULLY SPRINKLERED	Location: VA NY SYRACUSE, 800 IRVING AVE , SYRACUSE, NY 13210	Drawing Number: 01-TN104
		Issue Date: 08/22/2025 · Checked: CRABUC · Drawn: MATSTU	

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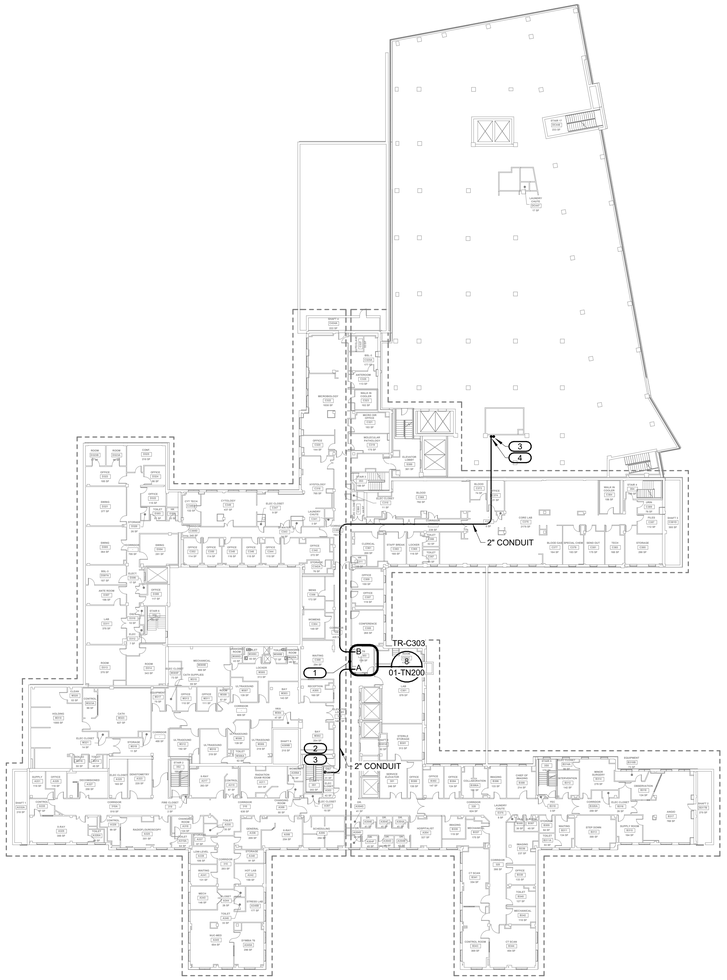

1 BLDG 01 - LEVEL 03 PLAN - TECHNOLOGY

1" = 30'-0"

PROJECT NORTH

0' 15' 30' 60'

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2". PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: #

1. NEW TR.
2. VERTICAL RISER FOR "A" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 2 QTY. 4" CONDUIT SLEEVES UP TO A401. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
3. PROVIDE 12" LADDER RACK ON WALL. DRESS FIBER CABLES TO IT FOR SUPPORT.
4. VERTICAL RISER FOR "B" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 2 QTY. 4" CONDUIT SLEEVES UP TO TR-S406. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

IMEG
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PROJECT #23000139.00

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 203
KENT, WA 98032

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BICSI
Member Mark:
RCDD ID # 1328646
EXPIRES 12-31-27
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Drawing Title: BUILDING 01 - LEVEL 03 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	Project Number: 528A7-22-700
			Building Number: 001
Approved:	FULLY SPRINKLERED	Location: VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210	Drawing Number: 01-TN105
		Issue Date: 08/22/2025 · Checked: CRABUC · Drawn: MATSTU	

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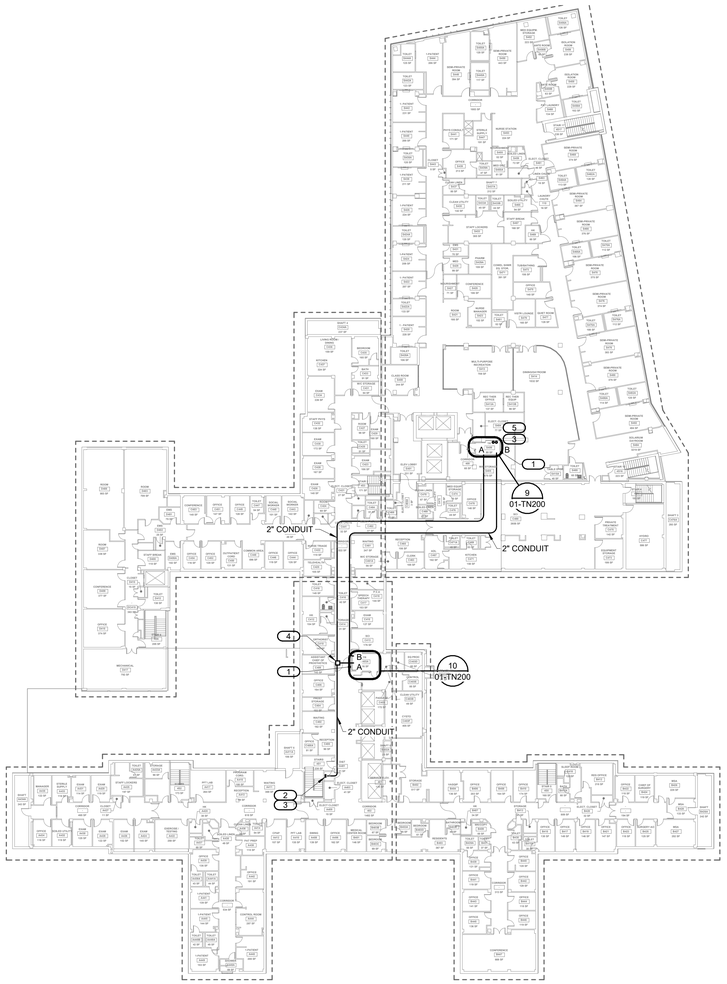

1 BLDG 01 - LEVEL 04 PLAN - TECHNOLOGY

1" = 30'-0"

PROJECT NORTH

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: (#)

1. NEW TR.
2. VERTICAL RISER FOR "A" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 2 QTY. 4" CONDUIT SLEEVES UP TO A5401A. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
3. PROVIDE 12" LADDER RACK ON WALL. DRESS FIBER CABLES TO IT FOR SUPPORT.
4. PROVIDE 18" x 12" x 6" JUNCTION BOX.
5. VERTICAL RISER FOR "B" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 2 QTY. 4" CONDUIT SLEEVES UP TO LEVEL 5. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS..

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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PROJECT #23000139.00

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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Bicsi
Matthew J. Matz
RCDD ID # 126646
EXPIRES 12-31-27
RCDD

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VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 01 - LEVEL 04 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	Project Number: 528A7-22-700
			Building Number: 001
Approved:	FULLY SPRINKLERED	Location: VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210	Drawing Number: 01-TN106
		Issue Date: 08/22/2025 · Checked: CRABUC · Drawn: MATSTU	

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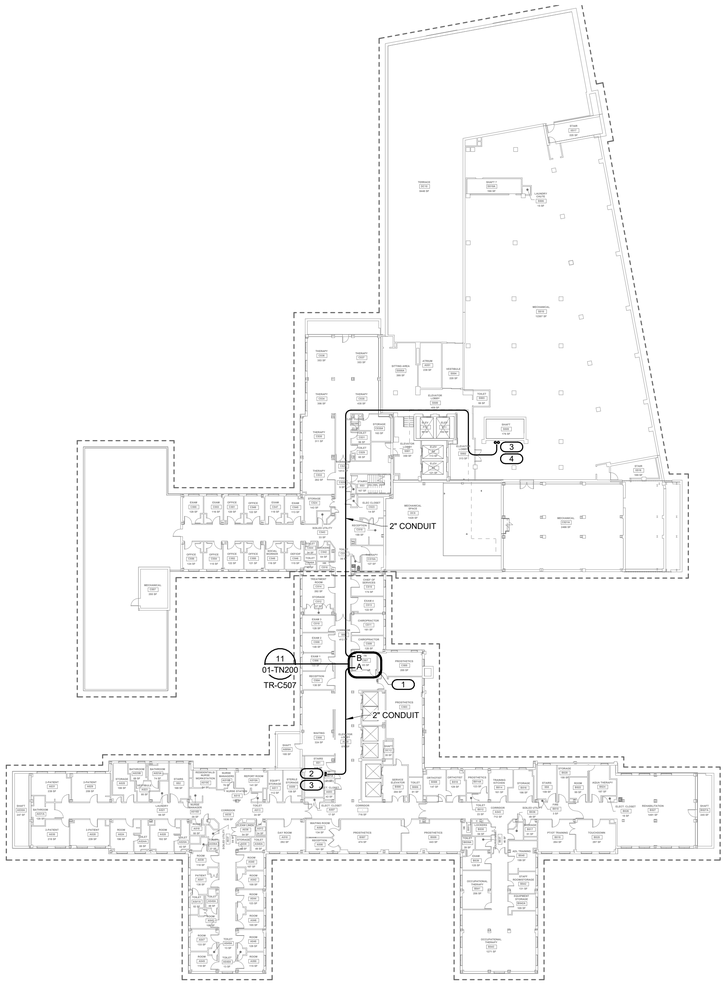

1 BLDG 01 - LEVEL 05 PLAN - TECHNOLOGY

1" = 30'-0"

PROJECT NORTH

0' 15' 30' 60'

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: #

1. NEW TR.
2. VERTICAL RISER FOR "A" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 2 QTY. 4" CONDUIT SLEEVES UP TO A603. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
3. PROVIDE 12" LADDER RACK ON WALL, DRESS FIBER CABLES TO IT FOR SUPPORT.
4. VERTICAL RISER FOR "B" SIDE FIBER UP TO MCR ON LEVEL 6. PROVIDE 2 QTY. 4" CONDUIT SLEEVES UP TO LEVEL 6. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

IMEG
www.imegcorp.com
855 GRANDVIEW AVE
SUITE 300
COLUMBUS, OH 43215
P: 614.443.1178
PROJECT #23000139.00

ARCHITECT/ ENGINEER OF RECORD

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SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 203
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Marty A. Miller
RCDD/NTS # 1286446
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 01 - LEVEL 05 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	Project Number: 528A7-22-700
			Building Number: 001
Approved:	FULLY SPRINKLERED	Location: VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210	Drawing Number: 01-TN107
		Issue Date: 08/22/2025 · Checked: CRABUC · Drawn: MATSTU	

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VA Syracuse EHRM
Infrastructure Upgrades/528A7-700.B01_T_R21.rvt
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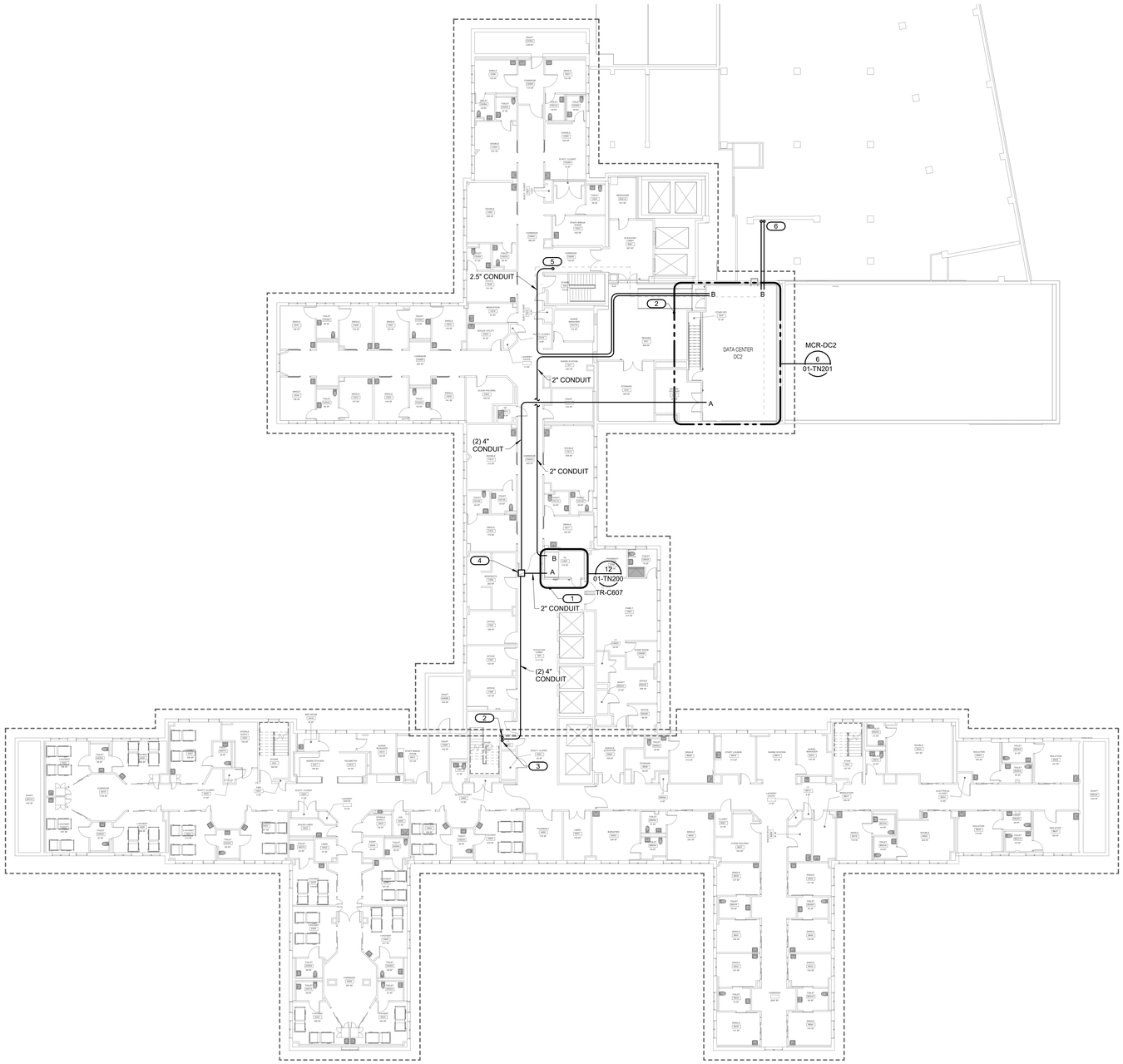

1 BLDG 01 - LEVEL 06 PLAN - TECHNOLOGY

1/16" = 1'-0"

PROJECT NORTH

0' 10' 20' 60'

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: #

1. NEW TR.
2. VERTICAL RISER FOR "A" SIDE FIBER TO MCR ON LEVEL 6. PROVIDE 4" CONDUIT SLEEVES UP TO C732. PROVIDE 2 HOUR RATED FIRE STOP SYSTEM FOR ALL RISER PENETRATIONS.
3. PROVIDE 12" LADDER RACK ON WALL, DRESS FIBER CABLES TO IT FOR SUPPORT.
4. PROVIDE 18" x 24" x 8" JUNCTION BOX.
5. 2.5" CONDUIT DOWN FROM LEVEL 7 ABOVE FOR "B" SIDE FIBER FROM LEVELS 7, 8, AND 9 TO MCR.
6. 2 QTY. 4" CONDUITS FROM "B" SIDE RISER FOR BASEMENT, GROUND, L1, L2, L2.5, L3, L4, AND L5 TO MCR.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

IMEG
www.imegcorp.com
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COLUMBUS, OH 43215
P: 614.443.1178
PROJECT #23000139.00

ARCHITECT/ ENGINEER OF RECORD

A/E:
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MATTHEW A. SMITH
RCDD/LC/RCDD/AP
BICSI ID #: 1286446
EXPIRES 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BUILDING 01 - LEVEL 06 PLAN - TECHNOLOGY
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA
Project Number	528A7-22-700
Building Number	001
Location	VA NY SYRACUSE, 800 IRVING AVE , SYRACUSE, NY 13210
Drawing Number	01-TN108
Issue Date	08/22/2025
Checked	CRABUC
Drawn	MATSTU

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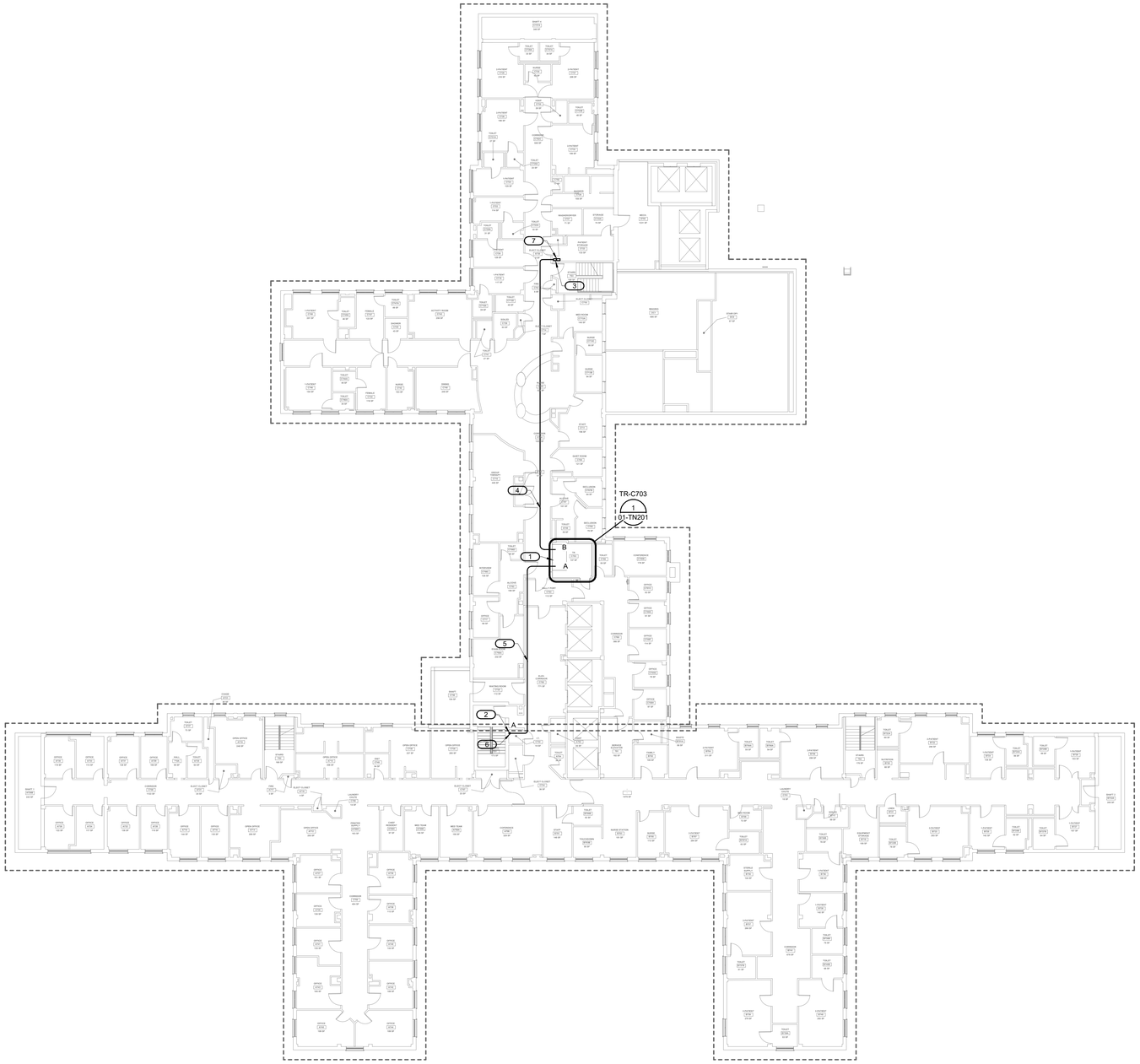

1 BLDG 01 - LEVEL 07 PLAN - TECHNOLOGY

1/16" = 1'-0"

PROJECT NORTH

0' 16' 32' 64'

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: #

1. NEW TR.
2. VERTICAL RISER FOR BACKBONE FIBER SIDE A.
3. 2" CONDUIT FROM TR C808 ABOVE FOR FIBER BACKBONE SIDE B.
4. PROVIDE 2" CONDUIT FROM TR C703 TO RISER LOCATION ADJACENT TO STAIR 3 FOR B SIDE FIBER OPTIC RISER DOWN TO MCR ON LEVEL 6. EXTEND CONDUIT TO WALL MOUNTED JUNCTION BOX.
5. PROVIDE 2" CONDUIT FROM TR C703 TO RISER CLOSET C732 FOR A SIDE FIBER OPTIC BACKBONE TO MCR ON LEVEL 6.
6. PROVIDE 12" LADDER RACK ON BACK WALL AND DRESS FIBER CABLES TO IT FOR SUPPORT. PROVIDE 4" CONDUIT SLEEVE TO RISER CLOSET A805. PROVIDE 2 HOUR FIRE STOP SYSTEM FOR FLOOR PENETRATIONS.
7. PROVIDE 18" x 12" x 6" JUNCTION BOX ON WALL, EXTEND 2.5" CONDUIT DOWN TO ABOVE CEILING IN CORRIDOR C600E BELOW.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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PROJECT #23000139.00

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Drawing Title BUILDING 01 - LEVEL 07 PLAN - TECHNOLOGY	**Phase** 100% CONSTRUCTION DOCUMENTS	**Project Title** EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	**Project Number** 528A7-22-700
			Building Number 001
Approved:	FULLY SPRINKLERED	**Location** VA NY SYRACUSE 800 IRVING AVE., SYRACUSE, NY 13210	**Drawing Number** 01-TN109
		Issue Date 08/22/2025 / **Checked** CRABUC / **Drawn** MATSTU	

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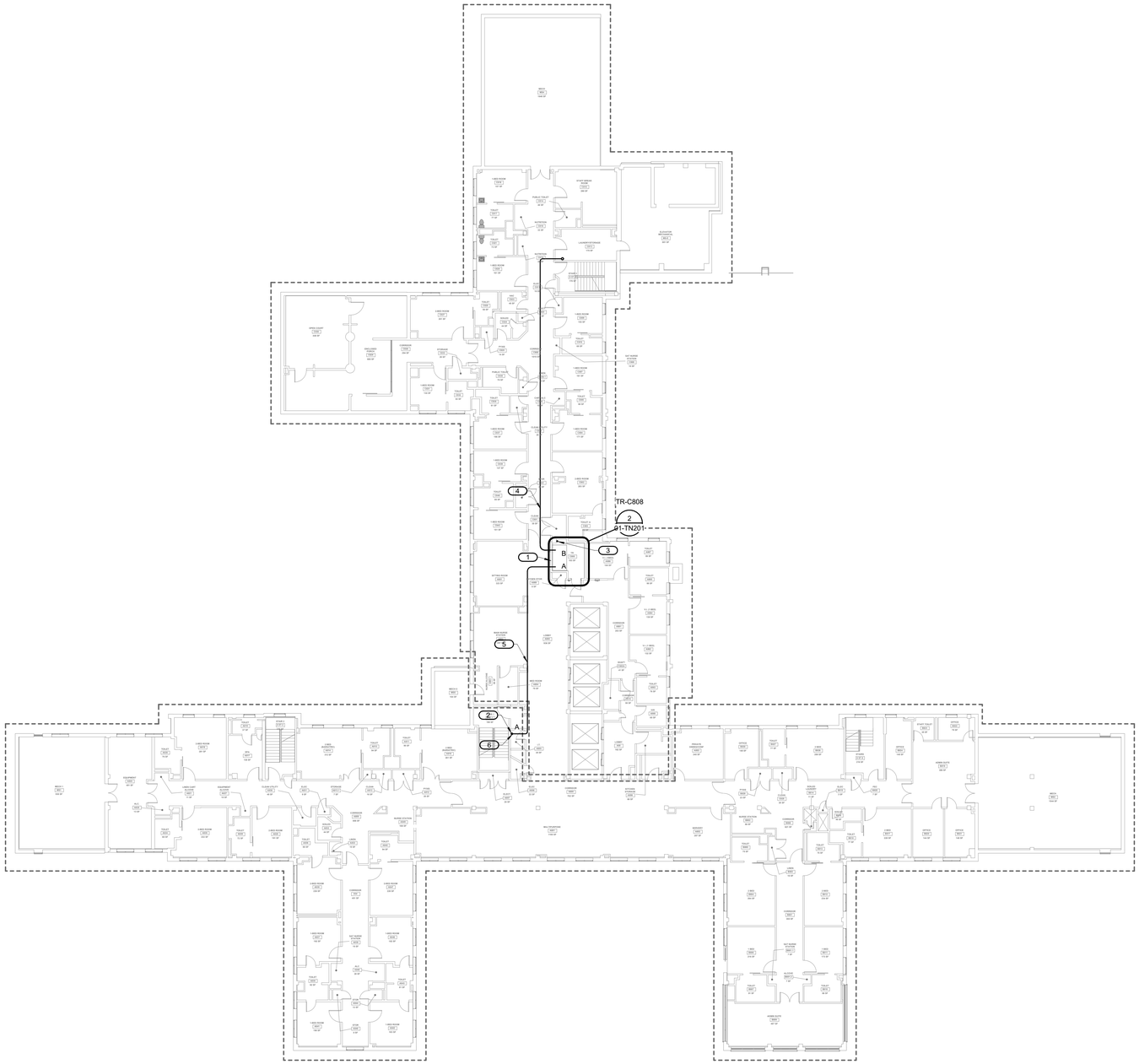

1 LEVEL 08 PLAN - TECHNOLOGY

1/16" = 1'-0"

0' 15' 30' 60'

PROJECT NORTH

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: (#)

1. NEW TR.
2. VERTICAL RISER FOR BACKBONE FIBER SIDE A.
3. 2" CONDUIT SLEEVE FROM TR C911 ABOVE FOR FIBER BACKBONE SIDE B.
4. PROVIDE 2" CONDUIT FROM TR C808 TO RISER LOCATION ADJACENT TO STAIR 3 FOR B SIDE FIBER OPTIC RISER DOWNTO MCR ON LEVEL 6. EXTEND CONDUIT DOWN TO WALL MOUNTED JUNCTION BOX ON LEVEL 7 BELOW. PROVIDE 2 HOUR FIRE STOP SYSTEM FOR FLOOR PENETRATIONS.
5. PROVIDE 2" CONDUIT FROM TR C808 TO RISER CLOSET A805 FOR A SIDE FIBER OPTIC BACKBONE TO MCR ON LEVEL 6.
6. PROVIDE 12" LADDER RACK ON BACK WALL AND DRESS FIBER CABLES TO IT FOR SUPPORT. PROVIDE 4" CONDUITSLEEVE TO RISER CLOSET C732 BELOW. PROVIDE 2 HOUR FIRE STOP SYSTEM FOR FLOOR PENETRATIONS.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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MATTHEW J. MATZ
RCDD ID # 1298445
EXPIRES 12-31-27
RCDD

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Drawing Title BUILDING 01 - LEVEL 08 PLAN - TECHNOLOGY	**Phase** 100% CONSTRUCTION DOCUMENTS	**Project Title** EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	**Project Number** 528A7-22-700
			Building Number 001
Approved:	FULLY SPRINKLERED	**Location** VA NY SYRACUSE 800 IRVING AVE., SYRACUSE, NY 13210	**Drawing Number** 01-TN110
		Issue Date 08/22/2025 / **Checked** CRABUC / **Drawn** MATSTU	

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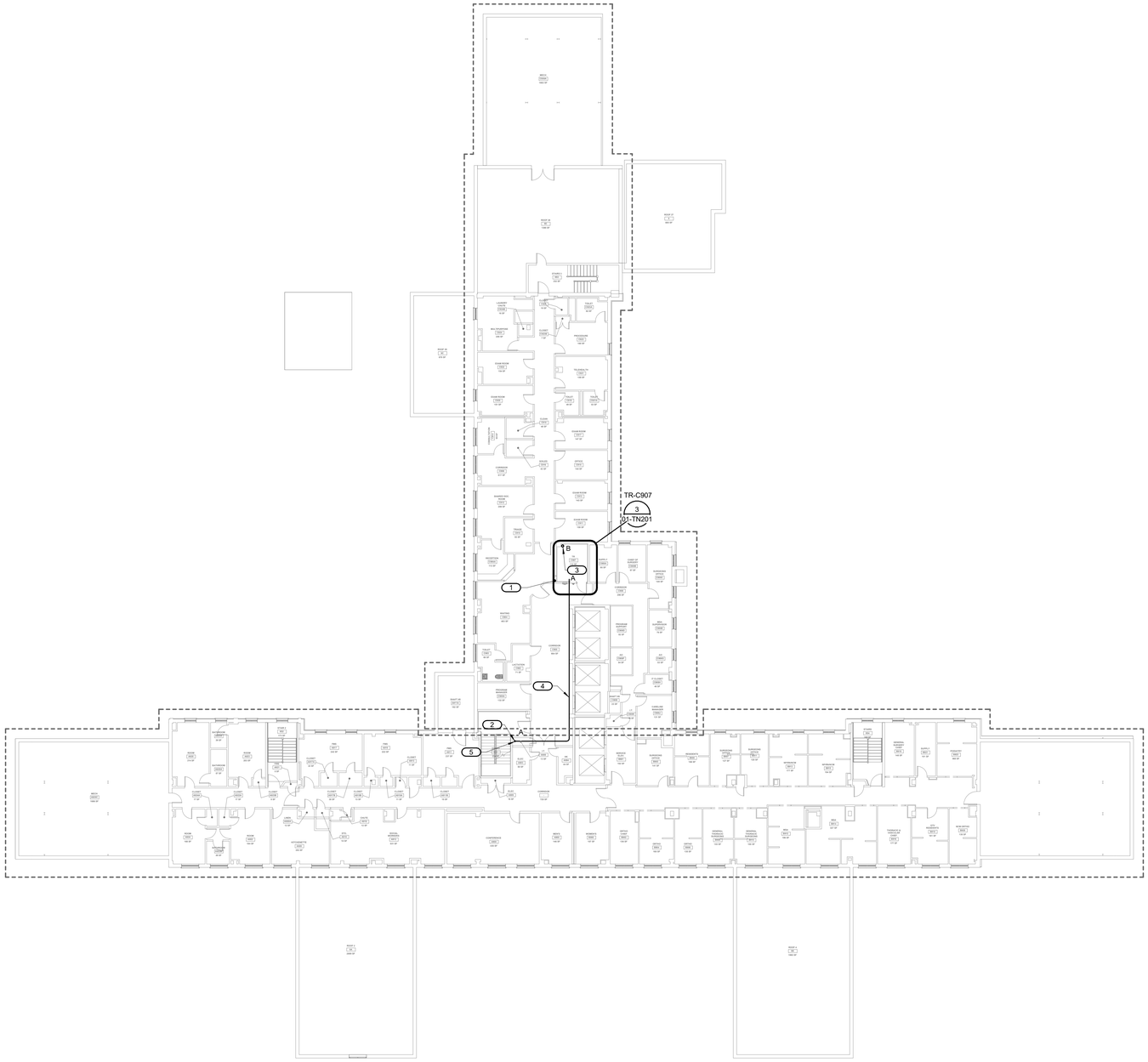

1 BLDG 01 - LEVEL 09 PLAN - TECHNOLOGY

1/16" = 1'-0"

PROJECT NORTH

0' 15' 30' 60'

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: #

1. NEW TR.
2. VERTICAL RISER FOR BACKBONE FIBER SIDE A.
3. 2" CONDUIT FROM TR C808 BELOW FOR FIBER BACKBONE SIDE B.
4. PROVIDE 2" CONDUIT FROM TR C907 TO RISER CLOSET A905 FOR A SIDE FIBER OPTIC BACKBONE TO MCR ON LEVEL 6.
5. PROVIDE 12" LADDER RACK ON BACK WALL AND DRESS FIBER CABLES TO IT FOR SUPPORT. PROVIDE 4" CONDUIT SLEEVE TO RISER CLOSET A805 BELOW. PROVIDE 2 HOUR FIRE STOP SYSTEM FOR FLOOR PENETRATIONS.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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PROJECT #23000139.00

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RCDD
Member #:
606610 & 1286646
Expires:
10-31-27

Office of Construction and Facilities Management

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Drawing Title: BUILDING 01 - LEVEL 09 PLAN - TECHNOLOGY	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA	Project Number: 528A7-22-700
			Building Number: 001
Approved:	FULLY SPRINKLERED	Location: VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210	Drawing Number: 01-TN111
		Issue Date: 08/22/2025 · Checked: CRABUC · Drawn: MATSTU	

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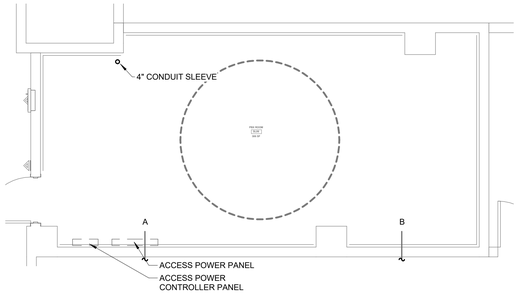
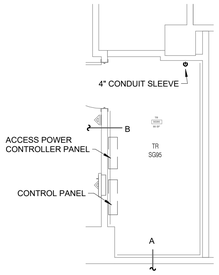


1 TELECOM ROOM ENLARGEMENT TR-SL06

1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

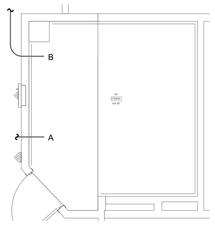


2 TELECOM ROOM ENLARGEMENT TR-SG95

1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

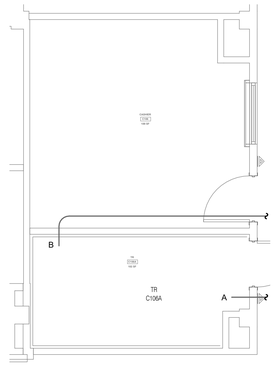


3 TELECOM ROOM ENLARGEMENT TR-CG06A

1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

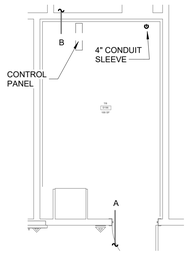


4 TELECOM ROOM ENLARGEMENT TR-C106A

1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

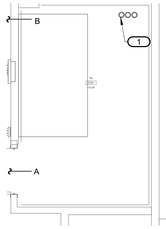


5 TELECOM ROOM ENLARGEMENT TR-S196

1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.



6 TELECOM ROOM ENLARGEMENT TR-C203

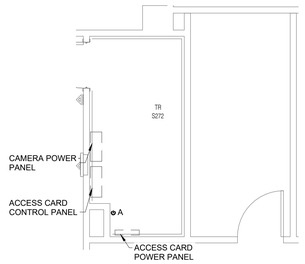
1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

KEYNOTES: #

1. (3) 4" CONDUITS FOR BACKBONE CABLING.

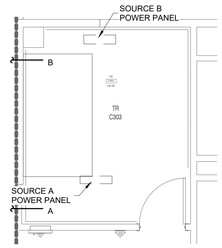


7 TELECOM ROOM ENLARGEMENT TR-S272

1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.



8 TELECOM ROOM ENLARGEMENT TR-C303

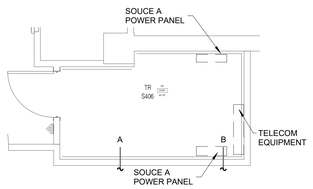
1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

KEYNOTES: #

1. .

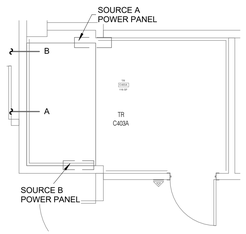


9 TELECOM ROOM ENLARGEMENT TR-S406

1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.



10 TELECOM ROOM ENLARGEMENT TR-C403A

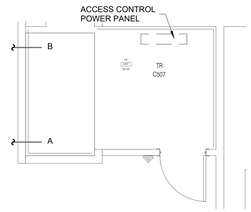
1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

KEYNOTES: #

1. .



11 TELECOM ROOM ENLARGEMENT TR-C507

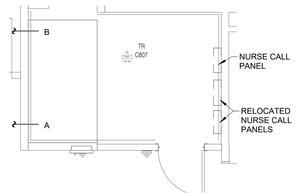
1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

KEYNOTES: #

1. .



12 TELECOM ROOM ENLARGEMENT TR-C607

1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

KEYNOTES: #

1. .

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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PROJECT #23000139.00

ARCHITECT/ ENGINEER OF RECORD

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SPEESDESIGNBUILD

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REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Member Mbr:
RCDD ID # 1286646
Expires 12-31-27
RCDD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY ROOM ENLARGEMENTS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA

Location: VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210

Issue Date: 08/22/2025

Checked: CRABUC

Drawn: MATSTU

Project Number: 528A7-22-700

Building Number: 001

Drawing Number: 01-TN200

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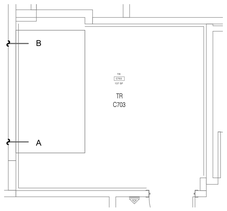


1 TELECOM ROOM ENLARGEMENT TR-C703

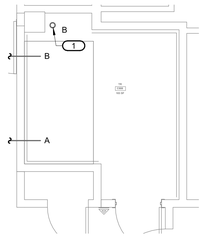
1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

KEYNOTES: #

1. .



2 TELECOM ROOM ENLARGEMENT TR-C808

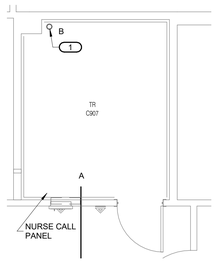
1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

KEYNOTES: #

1. (1) 4" CONDUIT SLEEVE UP TO LEVEL 9 FOR BACKBONE CABLING.



3 TELECOM ROOM ENLARGEMENT TR-C907

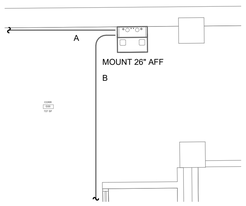
1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

KEYNOTES: #

1. (1) 4" CONDUIT SLEEVE DOWN TO LEVEL 8 FOR BACKBONE CABLING.



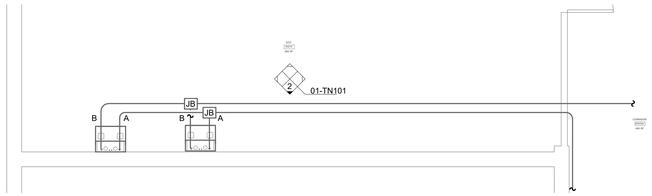
4 TELECOM ROOM ENLARGEMENT TE-G55

1/4" = 1'-0"

NORTH

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.



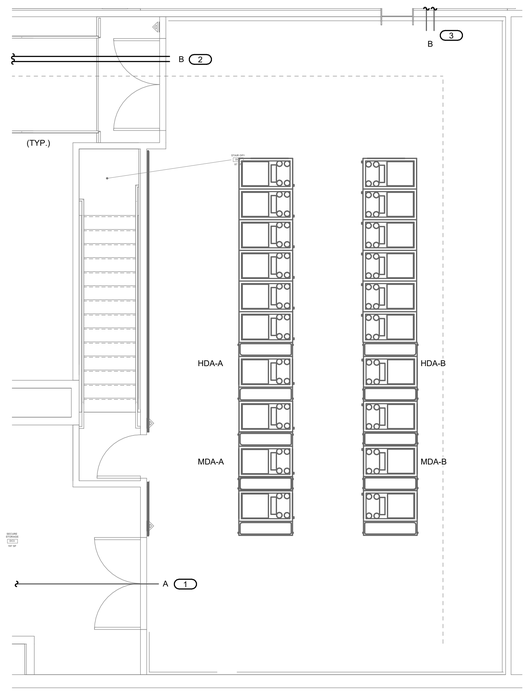
5 TELECOM ROOM ENLARGEMENT TE-NG15A & TE-NG15B

1/4" = 1'-0"

NORTH

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.



6 DATA CENTER ENLARGEMENT MCR-DC2

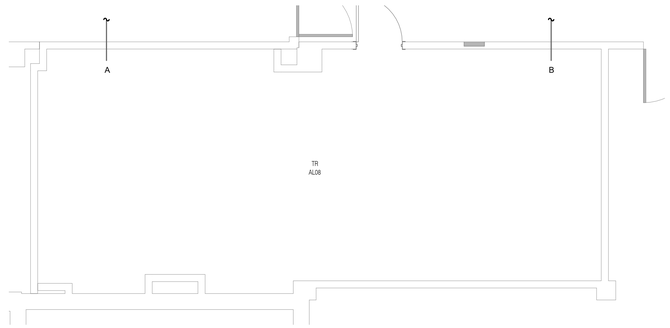
1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR MCR ROOM FIT OUT.

KEYNOTES: #

1. (2) 4" CONDUITS TO FLOOR BELOW FOR "A" SIDE BACKBONE CABLING. REFER TO 00-T500 FOR ADDITIONAL INFORMAITON.
2. (1) 2.5" AND (1) 2" CONDUITS FOR "B" SIDE BACKBONE CABLING. REFER TO 00-T500 FOR ADDITIONAL INFORMATION.
3. 2 QTY. 4" CONDUITS FROM "B" SIDE RISER FOR BASEMENT, GROUND, L1, L2, L2.5, L3, L4, AND L5 TO MCR.



7 TELECOM ROOM ENLARGEMENT TR-AL08

NO SCALE

NOTES:

1. REFER TO TELECOM DRAWINGS FOR MCR ROOM FIT OUT.

KEYNOTES: #

1. (4) 4" CONDUITS TO FLOOR BELOW FOR BACKBONE CABLING. REFER TO 00-T500 FOR ADDITIONAL INFORMAITON.

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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: TECHNOLOGY ROOM ENLARGEMENTS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA

Location: VA NY SYRACUSE
800 IRVING AVE., SYRACUSE, NY 13210

Issue Date: 08/22/2025
Checked: CRABUC
Drawn: MATSTU

Project Number: 528A7-22-700
Building Number: 001
Drawing Number: 01-TN201

Autodesk Docs://528A7-22-700 VA Syracuse EHRM Infrastructure Upgrades/528A7-700.B01_T_R21.rvt
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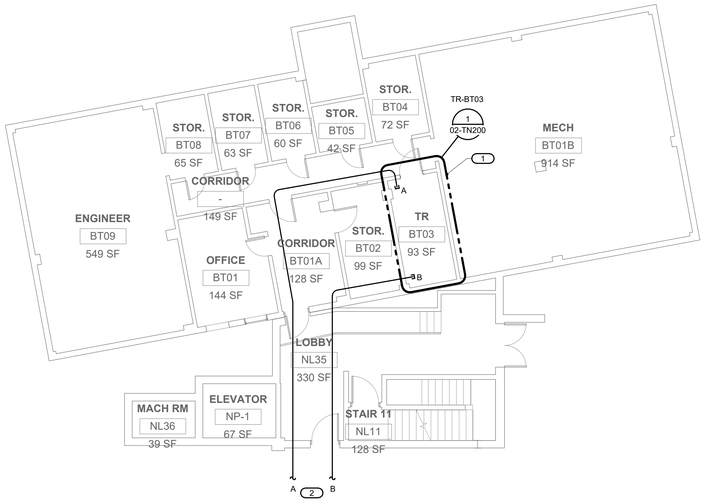

1 BLDG 02 - BASEMENT PLAN - TECHNOLOGY

1/8" = 1'-0"

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: #

1. NEW TR.
2. REFER TO 01-TN100 FOR ADDITIONAL INFORMATION.

KEY PLAN

SHOWN AREA

PROJECT NORTH

Revisions: | Date:

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Drawing Title	BUILDING 02 - BASEMENT FLOOR PLAN - TECHNOLOGY
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
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Project Title	EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA
Project Number	528A7-22-700
Building Number	002
Location	VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210
Drawing Number	02-TN100
Issue Date	08/22/2025
Checked	CRABUC
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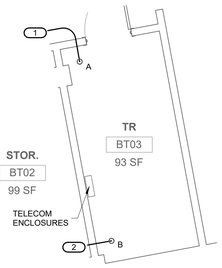

1 TELECOM ROOM ENLARGEMENT TR-BT03

1/4" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

KEYNOTES: #

1. CONDUIT ENTRY FOR A SIDE FIBER.
2. CONDUIT ENTRY FOR B SIDE FIBER.

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY ROOM ENLARGEMENTS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA

Location: VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210

Issue Date: 08/22/2025

Checked: CRABUC

Drawn: MATSTU

Project Number: 528A7-22-700

Building Number: 002

Drawing Number: 02-TN200

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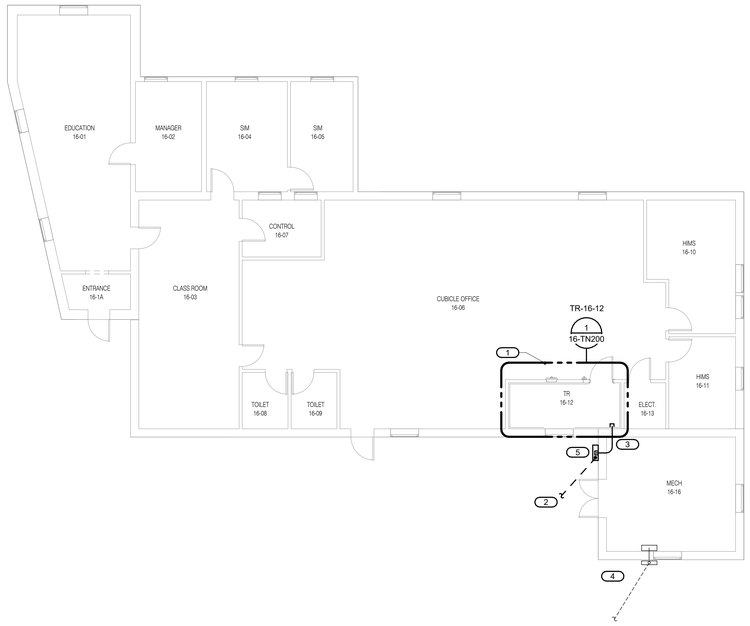

1 BLDG 16 - LEVEL 01 PLAN - TECHNOLOGY

1/8" = 1'-0"

LEGEND

GENERAL NOTES

NOTES:

1. REFER TO 00-T500 FOR RISER DIAGRAM.
2. A AND B SIDE FIBERS SHALL BE PROTECTED WITH CONDUIT WHERE 20' SEPARATION CANNOT BE MAINTAINED. MINIMUM CONDUIT SIZE 2", PROVIDE CONDUIT SIZED PER 40% FILL PER NEC. PROVIDE PULL BOXES AFTER EVERY 180 DEGREES OF COMBINED BENDS AND/OR 150 FEET OF CONDUIT LENGTH. PROVIDE SWEEP BENDS WITH A MINIMUM RADIUS OF 20X THE OUTSIDE DIAMETER OF THE LARGEST FIBER TO BE CONTAINED WITHIN THE CONDUIT.

KEYNOTES: (#)

1. NEW TR.
2. EXISTING 4" CONDUIT FROM BUILDING 1, REFER TO SHEET 00-T201 FOR ADDITIONAL INFORMATION.
3. NEW 2" CONDUIT FOR A AND B SIDE FIBER TO NEW TR LOCATION.
4. EXISTING JUNCTION BOXES AND CONDUITS FROM BUILDING 1 WITH MULTIPLE FIBER CABLES FEEDING BUILDING 16. MAINTAIN INFRASTRUCTURE AND CABLING, COIL ANY UNUSED FIBER CABLES ON BACKBOARD IN TR AT END OF PROJECT, LABEL WITH ORIGINATION AND MARK FOR FUTURE USE.
5. EXISTING "SIGNAL" JUNCTION BOX WITH SPARE 4" CONDUIT BACK TO BUILDING 1. ROUTE "A" AND "B" SIDE FIBER OPTIC CABLES FROM TR-16-12 THROUGH SPARE 4 " CONDUIT AND EXTEND TO MCR ON LEVEL 6 OF BUILDING 1. REFER TO SHEETS 00-T201 AND 01-TN100 FOR ADDITIONAL INFORMATION.

KEY PLAN

SHOWN AREA

PROJECT NORTH

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Drawing Title	BUILDING 16 - LEVEL 01 PLAN - TECHNOLOGY
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Project Title	EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA
Project Number	528A7-22-700
Building Number	016
Location	VA NY SYRACUSE 800 IRVING AVE., SYRACUSE, NY 13210
Drawing Number	16-TN101
Issue Date	08/22/2025
Checked	CRABUC
Drawn	MATSTU

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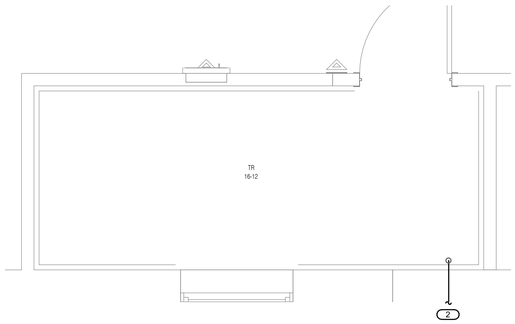

1 TELECOM ROOM ENLARGEMENT TR-16-12

1/2" = 1'-0"

NOTES:

1. REFER TO TELECOM DRAWINGS FOR TR ROOM FIT OUT.

KEYNOTES: #

1. BACKBONE CABLING PATHWAY FROM MCR. REFER TO 00-T201 AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. SEE SHEET 16-TN101.

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY ROOM ENLARGEMENTS

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Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - SYRACUSE VA

Location: VA NY SYRACUSE, 800 IRVING AVE., SYRACUSE, NY 13210

Issue Date: 08/22/2025

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Drawn: MATSTU

Project Number: 528A7-22-700

Building Number: 016

Drawing Number: 16-TN200

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