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ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

ALEXANDRIA VA HEALTH CARE SYSTEM
2495 SHREVEPORT HWY, 71N
PINEVILLE, LA 71360

VA PROJECT #: 502-21-222

VOLUME 4

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SHEET LIST

SHEET NUMBER	SHEET NAME	DWG	OF DWG
049.ET601	BUILDING 49, FIBER AND BONDING RISER DIAGRAMS	78	88
049.ET602	BUILDING 49, SINGLE LINE DIAGRAM	79	88
136.ET401	BUILDING 136, FIRST FLOOR, TELECOM ROOM 32 PLANS	80	88
136.ET601	BUILDING 136, SINGLE LINE, FIBER RISER, AND BONDING RISER DIAGRAMS	81	88
142.ET401	BUILDING 142, FIRST FLOOR, TELECOM ENCLOSURE ROOM 7B PLANS	82	88
142.ET601	BUILDING 142, FIBER RISER DIAGRAM	83	88
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147.ET401	BUILDING 147, FIRST FLOOR, TELECOM ENCLOSURE 102 PLANS	85	88
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VOLUME 4 OF 4

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

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Dwg. 1 of 1

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LIGHTING SYMBOL LEGEND

SYMBOL	HEIGHT AFF *	DESCRIPTION
	---	2' X 2' RECESSED ARCHITECTURAL TROFFER
	---	2' X 4' RECESSED ARCHITECTURAL TROFFER
	---	2' X 4' RECESSED FLAT LENS TROFFER
	7'-0" CENTER	2' LINEAR - WALL MOUNTED
	7'-0" CENTER	4' LINEAR - WALL MOUNTED
	---	4' LINEAR STRIP - SUSPENDED
	---	6" DIAMETER RECESSED DOWNLIGHT
	7'-5" BOTTOM	EXIT SIGN - WALL MOUNTED
	---	EXIT SIGN - CEILING MOUNTED
	7'-6" CENTER	EMERGENCY LIGHT BATTERY OPERATED - WALL MOUNTED
	6'-0" CENTER	WALL SCONCE
$	48" CENTER	SINGLE POLE WALL SWITCH
		SWITCH MODIFIERS: OS: OCCUPANCY SENSOR, LOW VOLTAGE, DUAL TECHNOLOGY VS: VACANCY SENSOR, LOW VOLTAGE, DUAL TECHNOLOGY DR:DUAL RELAY VSD: VACANCY SENSOR, LINE VOLTAGE, DIMMER OSD: OCCUPANCY SENSOR, LINE VOLTAGE, DIMMER LV: LOW VOLTAGE LVD: LOW VOLTAGE DIMMER D: LINE VOLTAGE DIMMER T: DIGITAL TIMER K: KEYED 3: 3 WAY 4: 4 WAY
OS	---	OCCUPANCY SENSOR, LOW VOLTAGE, DUAL TECHNOLOGY - CEILING MOUNTED
OS	---	OCCUPANCY SENSOR, LOW VOLTAGE, DUAL TECHNOLOGY - WALL/CORNER MOUNTED
RC	---	LOW VOLTAGE LIGHTING CONTROL DEVICE
RCD	---	LOW VOLTAGE LIGHTING CONTROL DEVICE WITH 0-10V DIMMING
LS	---	LIGHT LEVEL SENSOR, SINGLE ZONE DIMMING CLOSED LOOP - CEILING MOUNTED

* - ANY HEIGHTS INDICATED IN PLANS SHALL SUPERSEDE THOSE LISTED HERE.

ELECTRICAL ABBREVIATIONS LIST

1P 1 POLE (2P, 3P, 4P, ETC.)
1PH 1 PHASE
2/C TWO-CONDUCTOR (3/C, 4/C, ETC.)
2W TWO-WIRE (3W, 4W, ETC.)
3PH 3 PHASE
A AMPERE
AAP ALARM ANNUNCIATOR PANEL
AC ABOVE COUNTER
AIR CONDITIONER
ALTERNATING CURRENT
ACC ACCESSIBLE
ACLG ABOVE CEILING
ADO AUTOMATIC DOOR OPENER
A/E ARCHITECT/ENGINEER
AF AMP FRAME
AFC AVAILABLE FAULT CURRENT (KILOAMPS)
AFF ABOVE FINISHED FLOOR
AFG ABOVE FINISHED GRADE
AFI ARC FAULT CIRCUIT INTERRUPTER
AHJ AUTHORITY HAVING JURISDICTION
AHU AIR HANDLING UNIT
AIC AMPERE INTERRUPTING CAPACITY
AL ALUMINUM
ALT ALTERNATE
AMP AMPERE
APPROX APPROXIMATELY
ARCH ARCHITECT, ARCHITECTURAL
AT AMP TRIP
ATS AUTOMATIC TRANSFER SWITCH
AUTO AUTOMATIC
AUX AUXILIARY
AV AUDIO VISUAL
AWG AMERICAN WIRE GAUGE

BAS BUILDING AUTOMATION SYSTEM
BATT BATTERY
BC BARE COPPER
BD BOARD
BFF BELOW FINISHED FLOOR
BLDG BUILDING
BMS BUILDING MANAGEMENT SYSTEM
BYP BYPASS

C CONDUIT
CAB CABINET
CALC CALCULATED
CAP CAPACITY
CAT CATALOG, CATEGORY
CATV COMMUNITY ANTENNA TELEVISION
CB CIRCUIT BREAKER
CCR CONTROL CONTACTOR
CCT CORRELATED COLOR TEMPERATURE
CCTV CLOSED CIRCUIT TELEVISION
cd CANDELA
CD CONSTRUCTION DOCUMENTS
CF CONTRACTOR-FURNISHED
CKT CIRCUIT
CLG CEILING
CO CONTRACTING OFFICER
COAX COAXIAL CABLE
COMM COMMUNICATION
CONN CONNECTION
CONST CONSTRUCTION
CONT CONTINUATION OR CONTINUOUS
CONTR CONTRACTOR
COORD COORDINATE
COR CONTRACTING OFFICER'S REPRESENTATIVE
CPT CONTROL POWER TRANSFORMER
CRI COLOR RENDERING INDEX
CT CURRENT TRANSFORMER
CTV CABLE TELEVISION
CTR CENTER
CU COPPER
CU FT CUBIC FEET

D DEMOLITION
dB DECIBEL
DB DIRECT BURIAL
DC DIRECT CURRENT
DEG C DEGREES CELSIUS
DEG F DEGREES FAHRENHEIT
DEMO DEMOLISH/DEMOLITION
DEPT DEPARTMENT
DIA DIAMETER
DISC DISCONNECT
DIST DISTRIBUTION
DN DOWN
DS SAFETY DISCONNECT SWITCH
DT DOUBLE THROW
DWG DRAWING

EC ELECTRICAL CONTRACTOR
EG EQUIPMENT GROUND
ELEC ELECTRIC, ELECTRICAL
ELEV ELEVATOR
EM EMERGENCY
EMI ELECTROMAGNETIC INTERFERENCE
EMS ENERGY MANAGEMENT SYSTEM
EMT ELECTRICAL METALLIC TUBING
EPO EMERGENCY POWER OFF
EQUIP EQUIPMENT
ESMT EASEMENT
ETR EXISTING TO REMAIN
EWC ELECTRIC WATER COOLER
EWH ELECTRIC WALL HEATER
EW ELECTRIC WATER HEATER
EX EXISTING
EXP EXPLOSION PROOF

FA FIRE ALARM
FAAP FIRE ALARM ANNUNCIATOR PANEL
FACP FIRE ALARM CONTROL PANEL
FC FOOTCANDLE
FCU FAN COIL UNIT
FIXT FIXTURE
FLR FLOOR

FU FUSE
FUDS FUSED SAFETY DISCONNECT SWITCH
FVR FULL VOLTAGE REVERSING
FVNR FULL VOLTAGE NON-REVERSING
GAL GALLON
GALV GALVANIZED
GC GENERAL CONTRACTOR
GEN GENERATOR
GFI GROUND FAULT CIRCUIT INTERRUPTER
GND GROUND
GRS GALVANIZED RIGID STEEL (CONDUIT)
GYP BD GYPSUM BOARD

HID HIGH-INTENSITY DISCHARGE
HOA HAND-OFF-AUTOMATIC
HP HORSEPOWER

HT HEIGHT
HTR HEATER
HV HIGH VOLTAGE
HVAC HEATING, VENTILATING AND AIR CONDITIONING
HW HARD WIRED

IES ILLUMINATION ENGINEERING SOCIETY
IG ISOLATED GROUND
IMC INTERMEDIATE METAL CONDUIT
IR INFRARED
I/W INTERLOCK WITH
IWH INSTANTANEOUS WATER HEATER

J-BOX JUNCTION BOX

KV KILOVOLT
KVA KILOVOLT-AMPERE
KVAR KILOVOLT-AMPERE REACTIVE
KW KILOWATT
KWH KILOWATT HOUR

LED LIGHT-EMITTING DIODE
LF LINEAR FEET/FOOT
LM LUMEN
LRA LOCKED ROTOR AMPS
LT LIGHT
LTG LIGHTING
LTNG LIGHTNING
LV LOW VOLTAGE

MATV MASTER ANTENNA TELEVISION SYSTEM
MAX MAXIMUM
MC MECHANICAL CONTRACTOR
METAL-CLAD (CONDUIT)
MCA MINIMUM CIRCUIT AMPACITY
MCB MAIN CIRCUIT BREAKER
MCC MOTOR CONTROL CENTER
MDP MAIN DISTRIBUTION PANEL
MECH MECHANICAL
MFR MANUFACTURER
MFS MAIN FUSED DISCONNECT SWITCH
MH MANHOLE
MIC MICROPHONE
MIN MINIMUM
MISC MISCELLANEOUS
MLO MAIN LUGS ONLY
MOA MULTIOUTLET ASSEMBLY
MSBD MAIN SWITCHBOARD
MT MOUNT
MTR MOTOR, MOTORIZED
MTS MANUAL TRANSFER SWITCH

NA NOT APPLICABLE
NC NORMALLY CLOSED
NEC NATIONAL ELECTRICAL CODE
NEMA NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NFDS NON-FUSED SAFETY DISCONNECT SWITCH
NIC NOT IN CONTRACT
NL NIGHT LIGHT
NO NORMALLY OPEN
NTS NOT TO SCALE

OC ON CENTER
OD OUTSIDE DIAMETER
OH OVERHEAD
OL OVERLOAD

PA PUBLIC ADDRESS
PB PULL BOX OR PUSHBUTTON
PBPU PREFABRICATED BEDSIDE PATIENT UNIT
PCB POLYCHLORINATED BIPHENYL
PC PHOTOELECTRIC CELL
PED PEDESTAL
PEND PENDANT
PF POWER FACTOR
PH PHASE
PIV POST INDICATING VALVE
PNL PANEL
POE POWER-OVER-ETHERNET
PR PAIR
PRI PRIMARY
PROJ PROJECTION
PRV POWER ROOF VENTILATOR
PT POTENTIAL TRANSFORMER
PVC POLYVINYL CHLORIDE (CONDUIT)
PWR POWER

QTY QUANTITY

R RELOCATE/RELOCATED
RCP REFLECTED CEILING PLAN
RCPT RECEPTACLE
REQD REQUIRED
RGS RIGID GALVANIZED STEEL
RM ROOM
RMS ROOT MEAN SQUARE
RTU ROOF TOP UNIT

SC SURFACE CONDUIT
SEC SECONDARY
SF SQUARE FEET/FOOT
SHT SHEET
SI INTERNATIONAL SYSTEM OF UNITS
SIM SIMILAR
S/N SOLID NEUTRAL
SPEC SPECIFICATION
SPKR SPEAKER
SP SPARE
SR SURFACE RACEWAY
SS STAINLESS STEEL
SSW SELECTOR SWITCH
STD STANDARD
SURF SURFACE MOUNTED
SW SWITCH
SWBD SWITCHBOARD
SYM SYMMETRICAL
SYS SYSTEM

TC TIMECLOCK
TEL TELEPHONE
TEL/DATA TELEPHONE/DATA
TERM TERMINAL
TP TWISTED PAIR
TPS TWISTED PAIR SHIELDED
TR TAMPER RESISTANT
T-STAT THERMOSTAT
TTB TELEPHONE TERMINAL BOARD
TTC TELEPHONE TERMINAL CABINET
TV TELEVISION
TYP TYPICAL

UC UNDER COUNTER
UE UNDERGROUND ELECTRICAL
UG UNDERGROUND
UH UNIT HEATER
UL UNDERWRITER'S LABORATORY
UT UNDERGROUND TELEPHONE
UTP UNSHIELDED TWISTED PAIR
UTIL UTILITY
UV UNIT VENTILATOR OR ULTRAVIOLET

V VOLT
VA VOLT-AMPERES
VERT VERTICAL
VFD VARIABLE FREQUENCY DRIVE
VOL VOLUME

W WATT
W/ WITH
WH WATER HEATER
W/O WITHOUT
WP WEATHERPROOF

XFMR TRANSFORMER
XFR TRANSFER

∠ ANGLE
@ AT
Δ DELTA
' FEET
" INCHES
NUMBER
Φ PHASE
℄ CENTER LINE
℗ PLATE

ELECTRICAL GENERAL NOTES

1. ALL ELECTRICAL DEVICES, FIXTURES, EQUIPMENT AND FEEDERS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, THE MANUFACTURER'S RECOMMENDED PROCEDURES, ALL APPLICABLE LOCAL AND STATE CODES, AMERICANS WITH DISABILITIES ACT AND WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND VA STANDARDS.
2. PROVIDE ADDITIONAL SUPPORT FOR DEVICES, FIXTURES, EQUIPMENT AND FEEDERS WHERE THE BUILDING CONSTRUCTION IS NOT SUITABLE FOR DIRECT MOUNTING.
3. FIRESTOP, DRAFTSTOP, SMOKESTOP AND/OR PROTECT THE ANNULAR SPACE AROUND ALL PENETRATIONS THROUGH WALLS, PARTITIONS, FLOORS, CEILING, AND ROOFS IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, UL LISTING REQUIREMENT AND THE APPLICABLE BUILDING CODES.
4. VERIFY CEILING SYSTEMS AND PROVIDE MOUNTING ACCESSORIES, TRIMS AND ALL REQUIRED MOUNTING HARDWARE TO SUIT THE PARTICULAR INSTALLATION.
5. PROTECT EXISTING UNDERGROUND AND BUILDING INTERIOR UTILITIES DURING CONSTRUCTION.
6. BRANCH CIRCUIT CONDUCTORS SHALL BE 12 AWG COPPER MINIMUM.
7. COORDINATE ANY AND ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION SO AS TO AVOID CONFLICT DURING CONSTRUCTION.
8. ALL PANELS SHALL HAVE TYPED, COMPLETED DIRECTORIES INDICATING EQUIPMENT SERVED AND ROOM NUMBER (AS INDICATED ON FINAL BUILDING ROOM SIGNAGE) OF EQUIPMENT LOCATION, OR SPARE, OR SPACE.
9. MANUFACTURER'S NAME AND MODEL NUMBER ARE GIVEN FOR DESCRIPTIVE PURPOSES, TO INDICATE A QUALITY STANDARD, AND ARE NOT INTENDED TO LIMIT PRODUCTS TO A PARTICULAR MANUFACTURER. PRODUCTS DEEMED EQUAL AND APPROVED BY THE DESIGNER WILL BE ACCEPTED. ALL PRODUCTS MUST COMPLY WITH "BUY AMERICAN ACT".
10. ALL FEEDERS AND CIRCUITRY SHALL BE TORQUED PER THE PANEL, BREAKER, AND/OR PARTICULAR EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
11. CIRCUITRY TO SWITCHES, RECEPTACLES, AND ALL OTHER DEVICES SHALL BE TERMINATED ON THE DEVICE'S SCREW TERMINALS.
12. MOUNTING HEIGHTS INDICATED ARE TO CENTER OF DEVICE, OUTLET, FIXTURE, OR EQUIPMENT UNLESS NOTED OTHERWISE.
13. ALL WIRE TERMINATIONS SHALL BE RATED FOR 75 DEGREES C.
14. ALL CONDUCTORS SHALL HAVE THHN/THWN INSULATION, UNLESS OTHERWISE NOTED.
15. ALL CONDUIT SHALL BE RGS OR EMT UNLESS OTHERWISE NOTED. FMC CONDUIT SHALL BE USED ON VIBRATING EQUIPMENT (MAXIMUM LENGTH OF 6 FEET). PVC SHALL BE USED FOR UNDERGROUND CONDUIT OR WHERE CONCRETE-ENCASED. WHERE VIBRATING EQUIPMENT IS LOCATED OUTSIDE, LFMC CONDUIT SHALL BE USED (MAXIMUM SIX FEET) FOR FINAL CONNECTIONS.
16. ALL ELECTRICAL MATERIALS, DEVICES, APPLIANCES AND EQUIPMENT SHALL BE LABEL LISTED BY AN APPROVED THIRD PARTY TESTING AGENCY.
17. FOR ALL LED FIXTURES, THE FIXTURE MUST BE CAPABLE OF SELF-RESETTING TO THE SWITCHED/CONTROLLED STATE DURING ANY FLUCTUATION IN POWER SUPPLY WHERE AUTOMATIC PROTECTIVE MEASURES DISABLE THE LED LAMPS. PROVIDE A LETTER OR STATEMENT FROM THE MANUFACTURER, OR OTHER ACCEPTABLE PROOF, THAT ALL LED FIXTURES, WITH OR WITHOUT BROWNOUT PROTECTION, WILL RETURN TO THE SWITCHED/CONTROLLED STATE AUTOMATICALLY. PROVIDE STATEMENT WITH THE FIXTURE SUBMITTALS.
18. IN CASE OF CONFLICTS OR DISCREPANCIES WITHIN OR AMONG THE CONTRACT DRAWINGS, THE BETTER QUALITY, MORE STRINGENT REQUIREMENTS OR GREATER QUANTITY OF WORK , AS DETERMINED BY THE GOVERNMENT, SHALL BE PROVIDED.
19. COMPRESSION COUPLINGS SHALL BE USED. NO SET SCREW FITTINGS ARE ALLOWED.
20. MINIMUM CONDUIT SIZE TO BE USED IS 3/4".
21. FEEDER TAGS APPENDED WITH 'VD' ARE UPSIZED IN AMPACITY DUE TO VOLTAGE DROP.

ELECTRICAL SYMBOL LEGEND

SYMBOL	HEIGHT	DESCRIPTION
	18"	120V SIMPLEX RECEPTACLE
	18"	120V DUPLEX RECEPTACLE
	18"	120V DUPLEX RECEPTACLE EMERGENCY OUTLET AND COVER PLATE SHALL BE RED IN COLOR
	18"	120V QUADRUPLEX RECEPTACLE
	18"	120V QUADRUPLEX RECEPTACLE EMERGENCY OUTLET AND COVER PLATE SHALL BE RED IN COLOR
	18"	208V DUPLEX RECEPTACLE
	18"	SPECIAL NORMAL POWER RECEPTACLE
	18"	SPECIAL EMERGENCY POWER RECEPTACLE
		120V DUPLEX RECEPTACLE FLOOR BOX
		120V DUPLEX RECEPTACLE EMERGENCY FLOOR BOX OUTLET AND COVER PLATE SHALL BE RED IN COLOR
		120V QUADRUPLEX RECEPTACLE FLOOR BOX
		120V QUADUPLEX RECEPTACLE EMERGENCY FLOOR BOX OUTLET AND COVER PLATE SHALL BE RED IN COLOR
		RECEPTACLE MODIFIERS: AC: 3" ABOVE COUNTERTOP/BACKSPLASH GFI: GROUND FAULT CURRENT INTERRUPTER WP: WEATHERPROOF ENCLOSURE DED: DEDICATED CIRCUIT
J	AS NOTED	JUNCTION BOX, WALL MOUNTED, PURPOSE AS NOTED
J CLNG		JUNCTION BOX, CEILING MOUNTED, PURPOSE AS NOTED
J		JUNCTION BOX, FLOOR MOUNTED, PURPOSE AS NOTED
E	AS NOTED	EQUIPMENT CONNECTION
	72" TOP	DISCONNECT SWITCH NON-FUSED
	72" TOP	DISCONNECT SWITCH FUSED
$	48"	SINGLE POLE WALL SWITCH: 48" AFF STANDARD UNO
		SWITCH MODIFIERS: M: MOTOR-RATED

ALL HEIGHTS ARE TO CENTER OF DEVICE UNLESS NOTED OTHERWISE.
TOP: HEIGHT TO TOP OF DEVICE
ANY HEIGHTS INDICATED IN PLANS SHALL SUPERSEDE THOSE LISTED HERE.

ELECTRICAL SYMBOL NOTES

A1 b — THE LIGHTING FIXTURE TYPE IS INDICATED BY AN UPPER CASE LETTER OR AN UPPER CASE LETTER AND NUMBER.
THE SWITCH DESIGNATION (IF NEEDED) IS INDICATED BY A LOWER CASE LETTER.

EXAMPLE: LIGHTING FIXTURE TYPE 'A1' IS CONTROLLED BY SWITCH 'b'.

EXIT SIGNS: STEM INDICATES WALL MOUNTING. NO STEM INDICATES CEILING MOUNTING. SHADED AREA INDICATES ILLUMINATED FACE(S). ARROW INDICATES DIRECTIONAL ARROW ON ILLUMINATED FACE(S).

E1 — EXAMPLE 1: WALL MOUNTED EXIT SIGN TYPE 'E1' WITH SINGLE FACE AND DIRECTIONAL ARROW.

E2 — EXAMPLE 2: CEILING MOUNTED EXIT SIGN TYPE 'E2' WITH DOUBLE FACE AND DIRECTIONAL ARROWS.

DEVICES: THE SWITCH DESIGNATION IS INDICATED BY A LOWER CASE LETTER.

c — EXAMPLE: SPLIT DUPLEX RECEPTACLE; ONE RECEPTACLE OUTLET IS CONTROLLED BY SWITCH 'c'.

THE CONTROL DEVICE DESIGNATION IS INDICATED BY A LOWER CASE LETTER.

d — EXAMPLE: SINGLE POLE SWITCH 'd' TO CONTROL LIGHTING FIXTURES INDICATED BY 'd'.

TRANSFORMERS: THE TRANSFORMER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER 'T'. SEE THE TRANSFORMER SCHEDULE OR THE SINGLE LINE DIAGRAM FOR THE TRANSFORMER DESCRIPTION AND REQUIREMENTS.

T1 — EXAMPLE: TRANSFORMER TYPE 'T1'.

'LPN' — PANELBOARDS: PANELBOARD DOORS MAY BE SHOWN TO INDICATE OPENING SIDE OF RECESSED PANELBOARDS. SEE PANELBOARD IDENTIFICATION FOR DESIGNATION CODES.

— SHEET KEY NOTE: SEE THE SHEET KEY NOTES ON THAT SHEET FOR THE NOTE NUMBER INDICATED IN THE HEXAGON.

— DEMOLITION KEY NOTE: SEE THE SHEET KEY NOTES ON THAT SHEET FOR THE NOTE NUMBER INDICATED IN THE SQUARE.

HOME RUN TO BRANCH CIRCUIT PANEL: THE PANEL DESIGNATION AND CIRCUIT DESIGNATION ARE SHOWN ADJACENT TO THE HOME RUN ARROW.
CIRCUIT BREAKER SIZES (AMPS/NUMBER OF POLES) ARE SHOWN IN THE PANEL SCHEDULE WITH THE CORRESPONDING PANEL AND CIRCUIT DESIGNATION.

'LPN'-1,3,5 — EXAMPLE: HOME RUN TO PANELBOARD 'LPN'; CIRCUITS 1, 3, 5.

SYMBOL NOTATIONS: UPPER CASE LETTERS ADJACENT TO SYMBOLS INDICATE A UNIT TYPE. SEE APPROPRIATE SCHEDULE OR SPECIFICATIONS.

GENERAL ELECTRICAL DEMO NOTES

A. RETURN REMOVED MATERIAL DEEMED SALVAGEABLE BY THE COR. MATERIALS DEEMED NOT SALVAGEABLE SHALL BE REMOVED FROM THE PREMISES.

B. ALL EXISTING CONDITIONS, INCLUDING BUT NOT LIMITED TO EQUIPMENT, DEVICES, FIXTURES, CONDUIT AND CIRCUITS, ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION.

C. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND THE CONTRACTOR SHALL HARMONIZE HIS WORK SO THAT EACH PIECE OF EQUIPMENT WILL BE INSTALLED AS TO FUNCTION PROPERLY. THE CONTRACTOR SHALL COOPERATE WITH OTHER TRADES.

D. REMOVE ALL EXISTING WIRING DEVICES, LIGHT FIXTURES, WIRE, CONDUIT, ETC., AS NOTED OR INDICATED WITHIN DEMOLITION AREA. (ALL ITEMS MAY NOT BE SHOWN). REWORK AS NECESSARY CIRCUITING WHICH REQUIRES CONTINUATION THROUGH THE AREA.

E. ELECTRICAL CONTRACTOR TO PROVIDE ALL NECESSARY LABOR, CONDUIT, WIRE, CONNECTIONS, ETC., FOR DEVICES, FIXTURES, ETC., NOTED AS "EXISTING TO REMAIN" SUCH THAT EXISTING CIRCUIT CONTINUITY IS MAINTAINED.

F. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK REQUIRED TO REMOVE/RELOCATE ANY EXISTING ELECTRICAL EQUIPMENT SUCH THAT ELECTRIC SHOCK HAZARDS TO WORKMEN ARE ELIMINATED DURING DEMOLITION AND NEW CONSTRUCTION.

G. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK IN REMOVING AND REPLACING "EXISTING TO REMAIN" FIXTURES, DEVICES, ETC., AS REQUIRED SO THAT THESE DEVICES ARE NOT DAMAGED DURING DEMOLITION. RELOCATED TO NEAREST APPROPRIATE LOCATION TO AVOID CONFLICTS WITH OTHER TRADES' WORK. REPLACE WITH NEW ANY "EXISTING TO REMAIN" FIXTURE, DEVICE, ETC., NOT DEEMED SALVAGEABLE BY THE COR.

H. REMOVED OR DAMAGED CONDUIT, WIRE, AND FITTINGS SHALL NOT BE REUSED FOR RELOCATED OR NEW DEVICES.

I. MAKE AS-BUILTS WITH NEW TYPED DIRECTORIES FOR ALL PANELBOARDS, INDICATING CIRCUIT DESCRIPTION (USED OR SPARE), CIRCUIT BREAKERS AND CIRCUIT LOAD.

J. WORK REQUIRED FOR EXISTING EQUIPMENT NOTED AS "EXISTING TO BE REMOVED" SHALL INCLUDE:
   A. REMOVAL OF FEEDER FROM EQUIPMENT TO POINT OF FEED.
   B. REMOVAL OR RE-CIRCUITING OF ALL BRANCH CIRCUITING.
   C. REMOVAL OF ALL FITTINGS, SUPPORTS, BRACKETS, ETC.
   D. PATCHING OF WALLS, FLOORS AND CEILINGS PER ARCHITECT'S INSTRUCTIONS.
   E. CAPPING OF FEEDER CONDUIT AT 6" ABOVE OR BELOW FLOOR/CEILING AS REQUIRED AND MARKING LOCATION OF POINT OF FEED WITH AN ENGRAVED BRASS TAG.
   F. REMOVAL OF FEEDER CONDUIT IF FOUND TO BE UNSALVAGEABLE BY ARCHITECT, ENGINEER OR THE COR.

K. EXISTING EQUIPMENT NOT IMPLICITLY SHOWN ON THE DRAWINGS IS INTENDED TO BE "EXISTING TO REMAIN UNCHANGED", UNLESS NOTED OTHERWISE.

GENERAL ELECTRICAL REMODELING NOTES

A. PRIOR TO SUBMITTING PROPOSAL, BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS.

B. CERTAIN REMODELING OF ELECTRICAL FACILITIES WILL BE REQUIRED IN THE EXISTING BUILDING. EXISTING CONDUIT RUNS ARE GENERALLY NOT SHOWN. ALTHOUGH A FULL ATTEMPT HAS BEEN MADE TO SHOW SOME EXISTING CONDITIONS, OF WHICH INFORMATION HAS BEEN TAKEN FROM EXISTING RECORD DRAWINGS OF THIS PROJECT. THE DRAWINGS SHOWING LOCATION OF EXISTING EQUIPMENT, OUTLETS, FIXTURES, ETC., IN EXISTING AREAS ARE APPROXIMATE ONLY (FIELD VERIFY).

C. BRANCH CIRCUITS SHALL BE REUSED WHERE PRACTICAL AND SHALL, IN ADDITION, BE REMODELED AS REQUIRED. THE CONTRACTOR SHALL CONCEAL ALL WORK IN NEW WALLS AND WALLS WHERE THE SHEET ROCK IS REPLACED.

D. EXISTING ELECTRICAL WIRING WHICH WILL NOT BE MADE OBSOLETE AND WHICH WILL BE DISTURBED DUE TO CONSTRUCTION CHANGES REQUIRED BY THIS CONTRACT SHALL BE RESTORED TO OPERATING CONDITION, AS REQUIRED AND/OR DIRECTED. WHERE REQUIRED, SHOWN AND/OR DIRECTED, OUTLETS AND CONDUIT RUNS SHALL BE RELOCATED. IN SOME CASES IT MAY BE NECESSARY TO EXTEND CONDUITS AND PULL IN NEW WIRING OR INSTALL JUNCTION BOXES AND SPLICE IN NEW WIRING OR REPLACE OLD WIRING WITH NEW.

E. OUTLETS FROM WHICH FIXTURES, SWITCHES, RECEPTACLES, AND/OR OTHER ELECTRICAL DEVICES ARE MOVED AND WHICH ARE NOT REPLACED OR REUSED SHALL BE REMOVED OR, IF IT IS NOT POSSIBLE TO REMOVE, PLACE A BLANK COVER ON THE OUTLET BOX. WHERE OUTLETS, BOXES, ETC., ARE COMPLETELY REMOVED, THE CONTRACTOR SHALL CUT OFF CONDUITS AND REMOVE WIRING.

F. WHERE EXISTING LIGHT FIXTURES ARE TO BE REUSED, THE ELECTRICAL CONTRACTOR SHALL CLEAN AND REPLACE LAMPS, REPAIR OR REPLACE DEFECTIVE PARTS, LENS, BALLAST, ETC. AS REQUIRED.

G. WHERE CONDUITS EXTENDING THROUGH FLOORS ARE TO BE ABANDONED, THE CONTRACTOR SHALL CUT AND CAP OR PLUG CONDUIT, THAT IT WILL NOT PROTRUDE ABOVE THE FLOOR.

H. WHERE EXISTING CONDUIT IS TO BE ABANDONED, THE CONDUIT SHALL BE REMOVED IF IT IS EXPOSED, IN A CRAWL SPACE OR IN AN ACCESSIBLE CEILING. WHERE IT IS IMPOSSIBLE TO REMOVE THE CONDUIT, IT SHALL BE CUT OFF AND CAPPED OR PLUGGED.

I. THE CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACES REQUIRED PATCHING, PLASTERING, PAINTING AND/OR OTHER REPAIR DUE TO THE INSTALLATION OF ELECTRICAL WORK UNDER THE TERMS OF THIS SPECIFICATION. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC., AS REQUIRED. THE CONTRACTOR SHALL EMPLOY QUALIFIED AND EXPERIENCED WORKMEN FOR THIS WORK. ALL RESTORATION WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND/OR THE COR/VA.

J. ALL TEMPORARY AND REMODELING WORK SHALL BE CONSIDERED A PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED. THIS SHALL INCLUDE MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT.

K. EXAMINE ARCHITECTURAL, STRUCTURAL, AND MECHANICAL DRAWINGS AND SPECIFICATIONS TO DETERMINE THE SEQUENCE OF CONSTRUCTION THROUGHOUT THE PROJECT, INCLUDING EXISTING, TEMPORARY, REMODELED AND NEW AREAS.

L. ALL ELECTRICAL CONNECTIONS REQUIRING AN OUTAGE SHALL BE MADE DURING AN APPROVED TIME LIMIT. CHANGEOVERS SHALL BE AS SHORT A DURATION AS POSSIBLE AND SHALL NOT INTERFERE WITH NORMAL OPERATION OF THE COR/VA FACILITIES. NOTIFY COR/VA NO LESS THAN 14 DAYS (TWO WEEKS) IN ADVANCE OF A SHUTDOWN OF ANY ELECTRICAL CIRCUIT FOR CHANGEOVER, AND SUCH A CHANGEOVER SHALL BE DONE DURING HOURS AS DIRECTED BY COR/VA. WORK SHALL BE SCHEDULED SO THAT AT NO TIME WILL ANY EMERGENCY FEEDER, CIRCUIT, OR FIRE ALARM ZONE BE OUT OF SERVICE. PROVIDE NECESSARY TEMPORARY FEEDERS TO ACCOMPLISH THIS REQUIREMENT.

M. EXISTING LOW VOLTAGE WIRING WHICH WILL NOT BE MADE OBSOLETE AND WHICH WILL BE DISTURBED DUE TO CONSTRUCTION CHANGES REQUIRED BY THIS CONTRACT SHALL BE RESTORED TO CONDITION, OR POSITION, AS REQUIRED. PROPERLY RE-SECURE CABLE IN CHASES, CRAWL SPACES, TUNNELS, AND CEILING SPACES AS REQUIRED BY NEC. IN SOME CASES IT MAY BE NECESSARY TO ADD SUPPORTING HARDWARE TO ACCOMPLISH THIS REQUIREMENT.

N. IF POSSIBLE, ALL NEWLY INSTALLED ELECTRICAL BOXES SHALL BE INSTALLED IN SEPARATE OR ADJACENT STUD SPACES TO AVOID SOUND TRANSMISSION AND WALL INTEGRITY ISSUES. IF NOT POSSIBLE, ALL NEWLY INSTALLED ELECTRICAL BOXES LOCATED IN COMMON STUD SPACES INSTALLED ON OPPOSITE SIDES OF FIRE-RESISTANCE-RATED WALLS SHALL BE EQUIPPED WITH FIRE-RESISTANT PUTTY PADS AT THE BACK OF EACH BOX IN ACCORDANCE WITH NEC 300.21 AND IBC 714.4.2.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL GENERAL NOTES, SYMBOL LEGENDS, AND ABBREVIATIONS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

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Building Number: # VARIOUS

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VA FORM 08-6231

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CABLES AND CONNECTORS COLOR LEGEND

DESCRIPTION ITEM	JACK	CABLE	PATCH CABLES	I.D.	NOTES
TELEPHONE	IVORY	IVORY	IVORY	T	4 PAIR CABLE
DATA/COMPUTER	BLUE	BLUE	BLUE	C	4 PAIR CABLE
WIRELESS ACCESS POINT	GREEN	GREEN	GREEN	WAP	4 PAIR CABLE
FIBER - MULTI-MODE	BLACK	AQUA	AQUA	FO	6/12/24/36
FIBER - SINGLE-MODE	IVORY	YELLOW	YELLOW	FO	6/12
CCTV - IP	WHITE	WHITE	WHITE	CCTV	CCTV
PACS	N/A	GRAY	N/A	PACS	MULTI COLOR CONDUCTORS

GENERAL SEQUENCING NOTES

1. CONSTRUCTION SEQUENCING IS THE RESPONSIBILITY OF THE CONTRACTOR. IN COORDINATION WITH THE VA, UNLESS OTHERWISE STATED IN THIS DOCUMENT. THE TRADES INVOLVED INCLUDE BUT ARE NOT LIMITED TO, ARCHITECTURE, CIVIL, ELECTRICAL, MECHANICAL AND TELECOMMUNICATIONS. THE CONTRACTOR SHALL SUBMIT PROPOSED SEQUENCING PLANS FOR THE ENTIRE PROJECT AND FOR EACH EFFECTED AREA WITH DETAILED CONSTRUCTION SCHEDULES FOR REVIEW AND APPROVAL TO THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) 30 DAYS PRIOR TO BEGINNING WORK.
2. THE OPERATIONS OF THE FACILITY WILL CONTINUE WHILE CONSTRUCTION OCCURS. THE CONTRACTOR SHALL MAINTAIN A PROTECTIVE DEMARCATION BETWEEN ACTIVE AND CONSTRUCTION AREAS DURING EACH PHASE.
3. GC WILL CONDUCT A PRE-CONSTRUCTION MEETING WITH THE COR TO IDENTIFY AREAS WHERE AFTER HOURS WORK WILL BE REQUIRED. AREAS INCLUDE, BUT NOT LIMITED TO: OCCUPIED SPACES WHERE CONSTRUCTION WOULD DISRUPT THE WORK ENVIRONMENT OF THE INDIVIDUAL OCCUPYING THE SPACE (OFFICES THAT OPERATE 8AM - 5 PM), FOR AREAS THAT OPERATE 24/7 AND PUBLIC AREAS.
4. FIELD VERIFY ACTUAL CONDITIONS AND DIMENSIONS. NOTIFY COR OF ANY DEVIATIONS FROM DRAWINGS OR ANY UNFORESEEN CONDITIONS THAT MAY CONFLICT WITH NEW WORK.
5. THE PROJECT CONDUITS OF SEQUENCING WITHIN THE DATA CENTER. THE CONTRACTOR SHALL REVIEW THE SEQUENCING NOTES PRIOR TO THE COMMENCEMENT OF ANY WORK AND DEVELOP A CONSTRUCTION SEQUENCING PLAN THAT DEMONSTRATES THE UNDERSTANDING OF THE RELATIONSHIPS AND CRITICAL RELATIONSHIPS BETWEEN THE AREAS OF WORK.
6. THE EXISTING INFRASTRUCTURE SUPPORTING THE IT VOICE AND DATA NETWORK SHALL REMAIN FULLY OPERATIONAL UNTIL THE NEW INFRASTRUCTURE IS COMPLETE AND A COORDINATED CUTOVER SCHEDULE/PLAN HAS BEEN APPROVED BY THE LOCAL VA OFFICE OF INFORMATION TECHNOLOGY (OIT) AND COR. A CUTOVER SCHEDULE/PLAN SHALL BE SUBMITTED AND APPROVED BY THE VA A MINIMUM OF 30 DAYS BEFORE THE SCHEDULED CUTOVER IS TO COMMENCE.
7. ANY ELECTRICAL OUTAGE REQUEST SHALL BE SUBMITTED TO THE COR 14 CALENDAR DAYS IN ADVANCE. THE REQUEST SHALL INCLUDE THE BUILDING, THE ROOM NUMBER, THE PANEL NUMBER AND THE TIME PERIOD OF THE OUTAGE.
8. ANY INTERRUPTION TO THE EXISTING HVAC SERVICE SHALL BE SUBMITTED TO THE COR 14 CALENDAR DAYS IN ADVANCE. THE REQUEST SHALL INCLUDE THE BUILDING, THE ROOM NUMBER, THE UNIT IDENTIFIER, AND THE TIME PERIOD OF THE OUTAGE.
9. GC WILL PROVIDE AND INSTALL ICRA APPROVED, FIRE RATED, TEMPORARY CONSTRUCTION BARRIERS PRIOR TO START OF DEMOLITION AND REMAIN IN PLACE THROUGH COMPLETION OF NEW CONSTRUCTION OF EACH PHASE.
10. GC TO VERIFY AND SECURE RAISED ACCESS FLOORING IS STABLE AND PROVIDE REQUIRED HORIZONTAL BRACING AS NEEDED FOR SUPPORT OF FLOORING TO REMAIN DURING EACH PHASE.
11. TELECOM SEQUENCING NOTES LISTED BELOW ARE FOR REFERENCE ONLY AND DO NOT DESCRIBE ALL DEMOLITION AND NEW WORK TO BE COMPLETED WITH THIS PROJECT.

TELECOM SEQUENCING NOTES

SEQUENCE 1 - DEMOLITION:
A. REMOVE LEGACY UNUSED EQUIPMENT FROM THE CABINETS LISTED BELOW. (CONFIRM WITH OIT THAT EQUIPMENT IS OFFLINE AND CAN BE DEMOLISHED BEFORE COMMENCING WORK).

B. REMOVE EQUIPMENT FROM THE CABINETS TO ALLOW SPACE FOR NEW MDAS, HDAS, AND ED SERVER/NETWORK CABINETS.

C. WITH ALL UNUSED SERVER EQUIPMENT REMOVED THE CABINETS SHALL BE DEMOLISHED TO MAKE ROOM FOR NEW MDA-A, HDA-A, AND ED SERVER/NETWORK.

SEQUENCE 1 - NEW WORK:
A. RELOCATE EQUIPMENT FROM RACKS/CABINETS 3. THESE RACKS/CABINETS CAN BE USED AS SWING SPACE FOR EQUIPMENT DURING INTERIM PHASES.

B. WITH EXISTING DATA CENTER RACKS/CABINETS REMOVED THE NEW MDA-A, HDA-A, AND ED SERVER/NETWORK CABINETS CAN BE INSTALLED ALONG WITH THE FIBER AND COPPER CABLING FROM THE HDAS TO EACH SERVER CABINET.

SEQUENCES 2 & 3 - DEMOLITION:
A. WITH ALL UNUSED SERVER EQUIPMENT REMOVED THE FOLLOWING CABINETS SHALL BE DEMOLISHED TO MAKE ROOM FOR NEW MDA-B, HDA-B, AND ED SERVER/NETWORK CABINETS.

SEQUENCES 2 & 3 - NEW WORK:
A. WITH EXISTING DATA CENTER RACK/CABINETS 3 AND 4 REMOVED THE NEW MDA-B, HDA-B, AND ED SERVER/NETWORK CABINETS CAN BE INSTALLED ALONG WITH THE FIBER AND COPPER CABLING FROM THE HDAS TO EACH SERVER CABINET.

GENERAL TECHNOLOGY DEMOLITION AND REMODEL NOTES

A. ALL EXISTING CONDITIONS - INCLUDING EQUIPMENT, CABINETS, CABLE TRAY, DEVICES, AND CONDUIT - ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION.

B. RETURN REMOVED MATERIAL DEEMED SALVAGEABLE BY THE COR. ALL OTHER MATERIAL SHALL BE REMOVED FROM THE PREMISES (E.G., PATCH PANELS, CABLES, COVER PLATES, PATCH CORDS, AND RELATED MATERIAL).

C. EXISTING CABLE TRAY SHALL REMAIN. REMOVE EXISTING CABLING SERVING WORK AREA OUTLETS (WAO). NO ABANDONED CABLING WILL BE ALLOWED TO REMAIN ABOVE THE CEILING. INSTALL NEW CABLE TRAY NEXT TO THE EXISTING CABLE TRAY.

D. EXISTING CONDUIT AND SURFACE RACEWAY MAY BE REUSED FOR NEW WAO. COORDINATE LOCATION WITH THE COR.

E. EXISTING TR: ONCE ALL ACTIVE CONNECTIONS TO AN EXISTING TR HAVE BEEN REPLACED BY CONNECTIONS TERMINATED IN THE NEW TR - AND OIT HAS CONFIRMED THAT THERE ARE NO LONGER ANY ACTIVE CONNECTIONS FROM THE EXISTING TR - COORDINATE REMOVAL OF ALL VA OWNED NETWORK SWITCHES. REMOVE PATCH PANELS AND ALL ASSOCIATED CABLING. BID DEMOLITION AND DISPOSAL OF THE RACKS IN THE TR UNLESS THERE ARE REMAINING NON-NETWORK COMPONENTS WHICH SHALL REMAIN IN PLACE WITH THE UPS AND POWER SOURCE IN TACT.

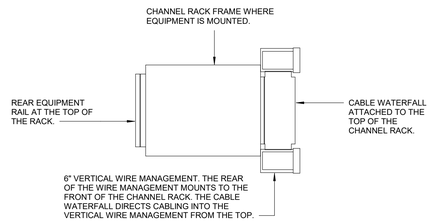
F. EXISTING TR IDENTIFIED TO BE RENOVATED: PROTECT NETWORK RACK, EQUIPMENT, AND CABLING FROM DAMAGE, DUST, AND DEBRIS. MAINTAIN EXISTING PHYSICAL SECURITY DURING RENOVATION. NOTIFY THE COR AND VA POLICE A MINIMUM OF 14 DAYS PRIOR TO ANY PHYSICAL SECURITY OUTAGES.

TECHNOLOGY SYMBOL LEGEND

SYMBOL	HEIGHT	DESCRIPTION	
N	18"	DATA OUTLET - N-4 PR UTP	(N - QUANTITY)
N	48"	TELCO OUTLET - N-4 PR UTP	(N - QUANTITY)
W	48"	WALL PHONE	
N	CEILING	WIRELESS ACCESS POINT - N-4 PR UTP	(N - QUANTITY)
S N	CEILING	SECURE WIRELESS ACCESS POINT - N-4 PR UTP	(N - QUANTITY)
	AS NOTED	TV OUTLET WALL MOUNTED	
PACS	6' TO TOP	PHYSICAL ACCESS CONTROL SYSTEM	
K	48"	CARD READER (K - KEYPAD)	
DS	DOOR	ELECTRONIC LOCKING MECHANISM	
DP	DOOR	ELECTRONIC PANIC HARDWARE	
DC	DOOR	DOOR CONTACT	
RX	ABOVE DOOR	REQUEST FOR EXIT SENSOR	
DO	DOOR	DOOR OPERATOR	
	CEILING	CCTV DOME CAMERA FIXED	
	CEILING	CCTV DOME CAMERA PAN/TILT/ZOOM	
	FLOOR	FOUR POST OIT EQUIPMENT RACK	
	FLOOR	TWO POST OIT EQUIPMENT RACK	
	FLOOR	OIT EQUIPMENT CABINET	
MATV	6' TO TOP	MATV EQUIPMENT CABINET	
CCTV	FLOOR	CCTV EQUIPMENT CABINET	
	ABOVE CEILING	LADDER CABLE TARY	
	18"	GROUND BUS	
	8"	4'x8'x3/4" FIRE RATED TTB	
	FLOOR	FLOOR BOX FOR DATA	

ALL HEIGHTS ARE TO CENTER OF DEVICE UNLESS NOTED OTHERWISE.
ANY HEIGHTS INDICATED IN PLANS SHALL SUPERSEDE THOSE LISTED HERE.
SEE DRAWINGS FOR MORE INFORMATION.
NOTE: NOT ALL SYMBOLS ARE USED.

CHANNEL RACK SYMBOL NOTES



TECHNOLOGY ABBREVIATIONS LIST

ADO	AUTOMATIC DOOR OPERATOR	OC	ON CENTER
AFF	ABOVE FINISH FLOOR	OIT	OFFICE OF INFORMATION TECHNOLOGY
BOD	BASIS OF DESIGN	PACS	PHYSICAL ACCESS CONTROL SYSTEM
		PAMN	PUBLIC ADDRESS AND MASS NOTIFICATION SYSTEM
CCTV	CLOSED CIRCUIT TELEVISION	PB	PUSH BUTTON
COAX	COAXIAL CABLE	PBB	PRIMARY BONDING BUSBAR
COMM	COMMUNICATION	PDU	RACK POWER DISTRIBUTION UNITS
COR	CONTRACTING OFFICER REPRESENTATIVE	POE	POWER OVER ETHERNET
		PR	PAIR
DC	DOOR CONTACT SWITCH		
DN	DOWN	RBB	RACK BONDING BUSBAR
DO	DOOR OPERATOR	R	RELOCATE
DVC	DIGITAL VOICE COMMAND	RL	RELOCATED
DVR	DIGITAL VIDEO RECORDER	RX	REQUEST TO EXIT
E	EXISTING DEVICES	SBB	SECONDARY BONDING BUSBAR
EEB	EMERGENCY EXIT BUTTON	SEP	SERVICE ENTRANCE PROTECTION
EL	ELECTRICAL STRIKE	SLC	SIGNALING LINE CIRCUIT
ETR	EXISTING TO REMAIN	SM	SINGLE MODE FIBER
FA	FIRE ALARM	TBB	TELECOM BONDING CONDUCTOR
FACP	FIRE ALARM CONTROL PANEL	TEL	TELEPHONE
FAAP	FIRE ALARM ANNUNCIATOR PANEL	TGB	TELECOM GROUND BUS BAR
FO	FIBER OPTIC	TM	TELEMONITORING
FAGAP	FIRE ALARM GRAPHIC ANNUNCIATOR PANEL	TMGB	TELECOM MAIN GROUND BUS BAR
		TP	TWISTED PAIR
IT	INTERCOMMUNICATION ROOM	TR	TELECOM ROOM
		TTB	TELEPHONE TERMINAL BOARD
MATV	MASTER ANTENNA TELEVISION	TV	TELEVISION
MM	MULTI MODE FIBER		
		WM	WIRE MANAGEMENT
NAC	NETWORK APPLIANCE CIRCUIT PANEL	WAP	WIRELESS ACCESS POINT
N	NEW DEVICES		
NCA	NETWORK CONTROL ANNUNCIATOR	UL	UNDERWRITERS LABORATORY
NS	NO SCALE	UPS	UNINTERRUPTIBLE POWER SUPPLY
NTS	NOT TO SCALE	UTP	UNSHIELDED TWISTED PAIR
NVR	NETWORK VIDEO RECORDER		

TECHNOLOGY GENERAL NOTES

1. PROVIDE COMMUNICATIONS DEVICES AND EQUIPMENT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, MANUFACTURER'S RECOMMENDED PROCEDURES, ALL APPLICABLE LOCAL AND STATE CODES, AMERICANS WITH DISABILITIES ACT, LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, BICSI STANDARDS, AND VA STANDARDS.
2. PROVIDE ADDITIONAL SUPPORT FOR DEVICES AND EQUIPMENT WHERE BUILDING CONSTRUCTION IS NOT SUITABLE FOR DIRECT MOUNTING.
3. FIRESTOP, DRAFTSTOP, SMOKESTOP OR PROTECT ANNULAR SPACE AROUND PENETRATIONS THROUGH WALLS, PARTITIONS, FLOORS, CEILINGS, AND ROOF IN ACCORDANCE WITH REQUIREMENTS OF NFPA 70, UL LISTING REQUIREMENT AND APPLICABLE BUILDING CODES.
4. PROVIDE CABLING THAT COMPLIES WITH THE LATEST EDITION OF TELECOMMUNICATIONS DISTRIBUTION METHOD MANUAL AND ANSI/TIA/EIA PUBLICATIONS.
5. COMPLY WITH THE LATEST ANSI/TIA/EIA 758-B AND 607-D - GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS IN COMMERCIAL BUILDING.
6. COMPLY WITH THE LATEST ANSI/TIA/EIA 568-B - COMMERCIAL BUILDING TELECOMMUNICATIONS WIRING STANDARD, AND ANSI/TIA-568-1.E - COMMERCIAL BUILDING TELECOMMUNICATIONS INFRASTRUCTURE.
7. COMPLY WITH THE LATEST ANSI/TIA/EIA 569-E - COMMERCIAL BUILDING STANDARD FOR TELECOMMUNICATIONS PATHWAYS AND SPACES.
8. COMPLY WITH THE LATEST NFPA 70 NATIONAL ELECTRICAL CODE.
9. COMPLY WITH THE LATEST NFPA 99 HEALTHCARE FACILITIES CODE.
10. COMPLY WITH THE LATEST NFPA 101 LIFE SAFETY CODE.
11. COORDINATE WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
12. MANUFACTURER'S NAME AND MODEL NUMBER ARE GIVEN FOR DESCRIPTIVE PURPOSES TO INDICATE A QUALITY STANDARD AND ARE NOT INTENDED TO LIMIT PRODUCTS TO A PARTICULAR MANUFACTURER. PRODUCTS DEEMED EQUAL AND APPROVED BY THE COR WILL BE ACCEPTABLE. COMPLY WITH "BUY AMERICAN ACT".
13. MOUNTING HEIGHTS INDICATED ARE TO CENTER OF DEVICE, BOXES, OUTLET, OR EQUIPMENT UNLESS NOTED OTHERWISE.
14. PROVIDE RGS OR EMT CONDUIT UNLESS OTHERWISE NOTED.
15. PROVIDE MATERIALS, DEVICES, APPLIANCES AND EQUIPMENT LABEL LISTED BY APPROVED THIRD PARTY TESTING AGENCY.
16. NOTIFY COR REGARDING DISCREPANCY BETWEEN PLANS AND SPECIFICATIONS FOR CLARIFICATION. THE MORE STRINGENT OF THE THEM SHALL TAKE PRECEDENCE.
17. PROVIDE TIA/EIA CAT 6A COPPER OUTLETS AND CONNECTORS.
18. ALL WORK AREA OUTLETS SHALL BE 8 PIN, CAT 6A KEYSTONE JACK WIRED PER T568B AS DIRECTED BY THE VA COR.
19. LABEL DEVICES IN ACCORDANCE WITH LATEST ANSI/TIA 606C EDITION AS WELL AS THE STANDARDS SET FORTH BY THE VA HOSPITAL OIT.
20. PROVIDE A MINIMUM OF 12" CLEARANCE ABOVE THE CABLE TRAY PER TIA/EIA 569.E.
21. ALL CABLING INSTALLED ABOVE CEILING SHALL BE PLENUM RATED.
22. MINIMUM CONDUIT SIZE TO BE USED IS 1-1/4".
23. DEVICES PLACED IN INTERCOMMUNICATION ROOM TO BE MOUNTED ON FIRE RETARDANT PLYWOOD.
24. PROVIDE OUTDOOR AND INDOOR CONDUITS, INNERDUCTS, TELECOM HANDHOLES, TELECOM MANHOLES, HANDHOLE COVERS, CABLING BOTH FIBER AND COPPER, SUPPORTS, TESTING, AND ALL RELATED MATERIALS FOR A COMPLETE SYSTEM AS SHOWN HEREIN AND DESCRIBED IN THE SPECIFICATIONS.
25. PROVIDE CABLE TRAY, LADDER TRAY J-HOOKS, CONDUITS, JUNCTION BOXES, SUPPORTS FIRE AND SMOKE RATED SLEEVE ASSEMBLIES, FLOOR SLEEVES, CORE DRILLING, CABLING BOTH FIBER AND COVER, JACKS, TERMINATIONS, COVER PLATES, LABELING, PATCH PANELS, PATCH CORDS, CHANNEL RACKS, VERTICAL AND HORIZONTAL WIRE MANAGEMENT, GROUNDING BUS BARS, RACK MOUNTED GROUND BUS, GROUND CABLING, BONDING TO THE GROUNDING SYSTEM, GROUND CABLE IN THE CABLE AND LADDER TRAY, POWER STRIPS, UPD'S, UPS'S, TESTING AND RELATED MATERIALS FOR A COMPLETE CABLING SYSTEM AS SHOWN HEREIN AND AS DESCRIBED IN THE SPECIFICATIONS.
26. PROVIDE J-HOOKS WHERE CABLE TRAY IS NOT SHOWN OR IF THERE IS OBSTRUCTION IN THE PATH OF THE CABLE TRAY, OR USE FLEXIBLE CONDUITS (NOT TO EXCEED 10 FEET), JUNCTION BOXES, FIRE AND SMOKE RATED SLEEVE ASSEMBLIES, COVER PLATES, LABELING, SUPPORT J-HOOKS AND CONDUITS EVERY 4-5 FEET, AS SHOWN HEREIN AND AS DESCRIBED IN THE SPECIFICATIONS.
27. PROVIDE 12 PORT WALL MOUNTED COPPER PATCH PANEL I THE EXISTING TR/FACILITY ROOM AND ANOTHER 12 PORT IN EACH NEW TR AND RUN 12-4PR CAT 6A CABLE BETWEEN THESE TR'S TERMINATE AND TEST, LABEL EACH PORT.
28. PROVIDE 12 PORT, WALL MOUNTED, FIBER PATCH PANEL IN THE EXISTING TR/FACILITY ROOM AND ANOTHER 12 PORT, WALL MOUNTED, FIBER PATCH PANEL IN EACH NEW TR AND RUN 12 STRAND FIBER CABLE BETWEEN THESE TELECOM ROOMS. TERMINATE AND TEST EACH CABLE. LABEL EACH PORT ON THE NEW PATCH PANELS.
29. PROVIDE MULTI-SENSOR PANORAMIC SECURITY SURVEILLANCE TELEVISION SYSTEM (SSTV) CAMERAS, DVRS/NVRS, STORAGE, SOFTWARE, LICENSES, CONDUITS, JUNCTION BOXES, FIRE AND SMOKE RATED SLEEVE ASSEMBLIES, CABLING, COVER, JACKS, TERMINATIONS, COVER PLATES, LABELING, PATCH PANELS, PATCH CORDS, TESTING AND RELATED MATERIALS FOR A COMPLETE OPERATIONAL SSTV SYSTEM AS SHOWN HEREIN AND AS DESCRIBED IN THE SPECIFICATIONS.
30. PROVIDE CARD READERS, DOOR CONTROLLERS, TR KEYPADS FOR PHYSICAL ACCESS AND CONTROL SYSTEM (PACS), SOFTWARE, LICENSES, CONDUITS, JUNCTION BOXES, FIRE AND SMOKE RATED SLEEVE ASSEMBLIES, CABLING, COVER, JACKS, TERMIANTIONS, COVER PLATES, LABELING, TESTING AND RELATED MATERIALS FOR A COMPLETE OPERATIONAL PACS SYSTEM AS SHOWN HEREIN AND AS DESCRIBED IN THE SPECIFICATIONS.
31. PROVIDE NEW FIRE ALARM SYSTEM DEVIES, FIRE ALARM PANEL, NAC PANEL, POWER SUPPLY, FOR A COMPLETE FIRE AND DETECTION SYSTEM, RED CONDUIT AND JUNCTION BOXES, COVERPLATES, LABELING, CABLING BOTH COPPER AND FIBER, PROGRAMMING, SOFTWARE, LICENSES, FIRE AND SMOKE RATED SLEEVE ASSEMBLIES, CABLING, COVER, JACKS, TERMINATIONS, TESTING AND RELATED MATERIALS FOR SPECIFICATIONS.
32. CAMERAS SHALL BE PANORAMIC MULTI0SENSOR AND SHALL MEET THE NATIONAL DEFENSE AUTHORIZATION ACT-NDAA.
33. CONTRACTOR IS RESPONSIBLE FOR PROVIDING RECORD/AS-BUILT DRAWINGS AS PART OF CLOSEOUT SUBMITTALS SHOWING ALL NEW WORK AREA OUTLET LOCATIONS ON THE MOST UP-TO-DATE FLOOR PLAN.
34. PROVISION OF MULTI-SENSOR SSTV CAMERAS AS WELL AS ASSOCIATED NVR'S, STORAGE, SOFTWARE, AND LICENSES SHALL BE COORDINATED WITH AVIGILON. CONTACT LOCAL AVIGILON REPRESENTATIVE.
35. PROVISION OF CARD READERS AND ASSOCIATED DOOR SECURITY HARDWARE AS WELL AS ASSOCIATED HEAD END EQUIPMENT SHALL BE COORDINATED WITH OPEN OPTIONS. CONTACT LOCAL OPEN SOURCE REPRESENTATIVE.
36. PROVIDE 6 CISCO C9K-PWR-CAB-AC-US POWER CORDS FOR CISCO CATALYST 9300 SWITCHES PER TR.
37. WHERE THERE ARE HARD LID CEILINGS, PROVIDE FLEXIBLE CONDUIT FROM THE WORK AREA OUTLET TO THE CABLE TRAY.
38. COORDINATE DOOR HARDWARE WITH THE EXISTING ELECTRIC KEY SYSTEM EMPLOYED BY THE VA. ALL DOOR SECURIY HARDWARE SHALL INTEGRATE WITH THE ELECTRIC KEY SYSTEM.
39. TEN (10) SWITCHES WILL BE PROVIDED TO THE SITE TO ACCOMMODATE TRANSITIONING TELECOMMUNICATIONS ROOMS.
40. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND INSTALL COPPER PATCH CABLES IN ALL TELECOMMUNICATIONS ROOMS. ONE COPPER PATCH CABLE IS REQUIRED TO SERVE EVERY WORK AREA OUTLET, WIRELESS ACCESS POINT, AND ALL OTHER CONNECTION POINTS SERVED BY OIT NETWORK SWITCHES. THE APPROXIMATE AMOUNT OF PATCH CABLES NEEDED IS 10,000 (VARYING LENGTHS OF 2, 4, AND 8 FEET) TO REACH FROM THE SWITCH TO THE PATCH PANELS.

CONDITIONAL NOTES

1. CONTRACTOR TO REFER TO TELECOMM ROOM PHASING NOTES, SHEETS G-002, FOR ADDITIONAL INFOMATION.
2. CONTRACTOR TO REFER TO CIVIL DRAWINGS, SHEETS C-401-C-404, PARTIAL SITE PLAN - PROPOSED EHRM LINES FOR EXTERIOR FIBER OPTIC PATHWAYS.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY GENERAL NOTES, SYMBOL LEGEND, AND ABBREVIATIONS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: ADR | Drawn: LAS

Drawing Number: 000.ET002

Dwg. 2 of 88

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PANEL: A

VOLTAGE:	120/208V, 3PH, 4W				MAINS:	100 A MLO			AIC:	10,000 AMPS SYMMETRICAL			
MOUNTING:	SURFACE				FED FROM:				LOCATION:				
ENCLOSURE:	NEMA 1				BRANCH:	SEE ONE-LINE			EXISTING/NEW:	New Construction			
LOAD NAME	BKR	P	CKT	A (kVA)		B (kVA)		C (kVA)		CKT	P	BKR	LOAD NAME
SURGE PROTECTION DEVICE (SEE PANEL NOTE 4 BELOW)	30 A	3	1	0	0.72					2	1	20 A	TELECOM ROOM RCPT
			3			0	0.14			4	1	20 A	SPARE
			5					0	0.6	6	1	20 A	TELECOM ROOM PACS EQUIPMENT
RACK RECEPTACLE (L21-20)	20 A	3	7	0.83	0					8	2	30 A	SPARE (SEE NOTE 2)
			9			0.83	0			10			
			11					0.83	0	12	1	20 A	SPARE
RACK RECEPTACLE (L21-20)	20 A	3	13	0.83	0					14	1	20 A	SPARE
			15			0.83	0			16	1	20 A	SPARE
			17					0.83	0	18	1	20 A	SPARE
RACK RECEPTACLE (L21-20)	20 A	3	19	0.83	0					20	1	20 A	SPARE
			21			0.83	--			22	1	--	SPACE
			23					0.83	--	24	1	--	SPACE
SPARE (SEE PANEL NOTE 1 BELOW)	20 A	3	25	0	--					26	1	--	SPACE
			27			0	--			28	1	--	SPACE
			29					0	--	30	1	--	SPACE
SPACE	--	1	31	--	--					32	1	--	SPACE
SPACE	--	1	33			--	--			34	1	--	SPACE
SPACE	--	1	35					--	--	36	1	--	SPACE
SPACE	--	1	37	--	--					38	1	--	SPACE
SPACE	--	1	39			--	--			40	1	--	SPACE
SPACE	--	1	41					--	--	42	1	--	SPACE
PER PHASE CONNECTED LOAD:				3.21 kVA		2.63 kVA		3.09 kVA					

PANEL NOTE:

1. REFER TO THE "SCHEDULE OF NEW TR PANELS" IN THE SPECIFICATIONS, APPENDIX TO SECTION 262416 - PANELBOARDS, FOR QUANTITY AND RATINGS OF BRANCH CIRCUIT BREAKERS FOR NEW TR PANELS.
2. MECHANICAL EQUIPMENT, WHERE SHOWN TO BE FED FROM THE TR PANELS ON THE ENLARGED PLANS, SHALL BE FED FROM PANEL 'A'. REFER TO "G" SHEETS AND ENLARGED PLANS FOR EQUIPMENT CONNECTION DETAILS.
3. BUILDINGS WITHOUT GENERATOR BACKUP, AND BUILDINGS WHERE A SINGLE AUTOMATIC TRANSFER SWITCH (ATS) BACKS UP THE ENTIRE BUILDING, WILL HAVE PANEL 'A' ONLY. THE CIRCUITS SHOWN IN THE PANEL 'B' SCHEDULE WILL BE FED FROM PANEL 'A'IN THESE BUILDINGS.
4. SURGE PROTECTIVE DEVICE SHALL BE INSTALLED IN THE SPACE CLOSEST TO THE MAINS. FOLLOW MANUFACTURER GUIDANCE FOR CIRCUIT BREAKER SIZE.
5. PROVIDE POWER METER INSTALLED IN PANEL.

PANEL: B

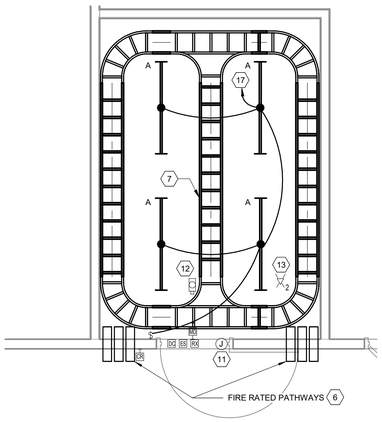
VOLTAGE:	120/208V, 3PH, 4W				MAINS:	100 A MLO			AIC:	10,000 AMPS SYMMETRICAL			
MOUNTING:	SURFACE				FED FROM:				LOCATION:				
ENCLOSURE:	NEMA 1				BRANCH:	SEE ONE-LINE			EXISTING/NEW:	New Construction			
LOAD NAME	BKR	P	CKT	A (kVA)		B (kVA)		C (kVA)		CKT	P	BKR	LOAD NAME
SURGE PROTECTIVE DEVICE (SEE PANEL NOTE 3 BELOW)	30 A	3	1	0	0.72					2	1	20 A	TELECOM ROOM RCPT
			3			0	0.18			4	1	20 A	CONVENIENCE RCPT
			5					0	0	6	1	20 A	SPARE
RACK RECEPTACLE (L21-20)	20 A	3	7	0.83	0					8	1	20 A	SPARE
			9			0.83	0			10	1	20 A	SPARE
			11					0.83	0	12	1	20 A	SPARE
RACK RECEPTACLE (L21-20)	20 A	3	13	0.83	0					14	1	20 A	SPARE
			15			0.83	0			16	1	20 A	SPARE
			17					0.83	0	18	1	20 A	SPARE
RACK RECEPTACLE (L21-20)	20 A	3	19	0.83	0					20	1	20 A	SPARE
			21			0.83	--			22	1	--	SPACE
			23					0.83	--	24	1	--	SPACE
SPARE (SEE PANEL NOTE 1 BELOW)	20 A	3	25	0	--					26	1	--	SPACE
			27			0	--			28	1	--	SPACE
			29					0	--	30	1	--	SPACE
SPACE	--	1	31	--	--					32	1	--	SPACE
SPACE	--	1	33			--	--			34	1	--	SPACE
SPACE	--	1	35					--	--	36	1	--	SPACE
SPACE	--	1	37	--	--					38	1	--	SPACE
SPACE	--	1	39			--	--			40	1	--	SPACE
SPACE	--	1	41					--	--	42	1	--	SPACE
PER PHASE CONNECTED LOAD:				3.21 kVA		2.67 kVA		2.49 kVA					

PANEL NOTE:

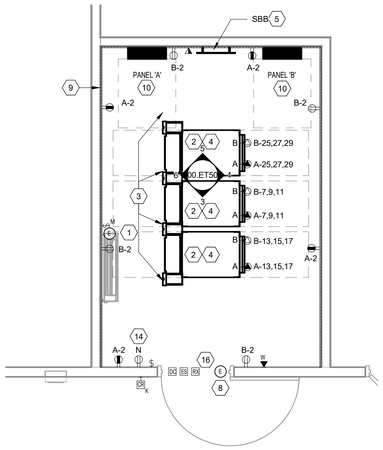
1. REFER TO THE "SCHEDULE OF NEW TR PANELS" IN THE SPECIFICATIONS, APPENDIX TO SECTION 262416 - PANELBOARDS, FOR QUANTITY AND RATINGS OF BRANCH CIRCUIT BREAKERS FOR NEW TR PANELS.
2. BUILDINGS WITHOUT GENERATOR BACKUP, AND BUILDINGS WHERE A SINGLE AUTOMATIC TRANSFER SWITCH (ATS) BACKS UP THE ENTIRE BUILDING, WILL NOT HAVE PANEL 'B'.
3. SURGE PROTECTIVE DEVICE SHALL BE INSTALLED IN THE SPACE CLOSEST TO THE MAINS.
4. PROVIDE POWER METER INSTALLED PANEL. FOLLOW MANUFACTURER GUIDANCE FOR CIRCUIT BREAKER SIZE.

SHEET NOTES:

1. THIS SHEET IS INTENDED TO PROVIDE DETAILED INFORMATION FOR THE TYPICAL TELECOMMUNICATIONS ROOM. REFER TO ET400 SERIES DRAWINGS FOR SPECIFIC ROOM LAYOUTS.
2. PRIOR TO BEGINNING ANY WORK, CONTRACTOR SHALL CONDUCT 30-DAY METERING, PER NEC 220.87, ON THE PANELS FEEDING THE 'A' AND 'B' PANELS LOCATED IN THE TE's AND TR's. METERING INFORMATION IS TO BE PROVIDED THROUGH THE SUBMITTAL PROCESS FOR REVIEW. ADDITIONAL INFORMATION WILL BE PROVIDED ON HOW TO PROCEED.
3. FEEDERS TO NEW TR PANELS SHALL BE (3) 1 AWG, (1) 1/0 AWG NEUTRAL AND (1) 8 AWG EQUIPMENT GROUND IN 1-1/2" CONDUIT.



2 **ELECTRICAL CEILING PLAN - TYPICAL 3-RACK TR**
Scale: No Scale



1 **ELECTRICAL FLOOR PLAN - TYPICAL 3-RACK TR**
Scale: No Scale

LUMINAIRE SCHEDULE

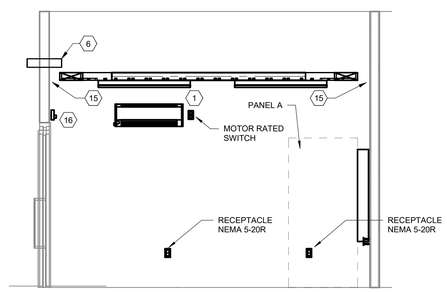
GENERAL NOTES:

A. MANUFACTURER AND CATALOG NUMBERS SHOWN ARE FOR BASIS OF DESIGN, DESCRIPTIVE AND QUALITY STANDARDS ONLY, NOT TO BE USED FOR ORDERING WITHOUT VERIFICATION AND APPROVAL. CONTRACTOR TO PROVIDE PRODUCT OR EQUAL FOR APPROVAL BY COR/VA, ARCHITECT AND ENGINEER. ENGINEER SHALL NOT BE RESPONSIBLE FOR MISMATCHED OR INACCURATE PART NUMBERS.

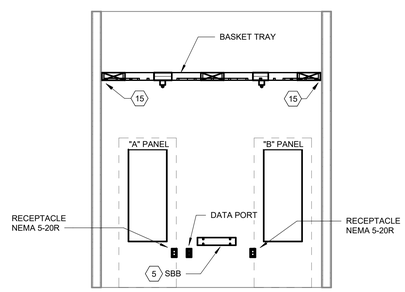
B. FOR ALL LED FIXTURES, THE FIXTURE SHALL BE CAPABLE OF SELF-RESETTING TO THE SWITCHED/CONTROLLED STATE DURING ANY FLUCTUATION IN POWER SUPPLY WHERE AUTOMATIC PROTECTIVE MEASURES DISABLE THE LED LAMPS. PROVIDE A LETTER OR STATEMENT FROM THE MANUFACTURER, OR OTHER ACCEPTABLE PROOF, THAT ALL LED FIXTURES, WITH OR WITHOUT BROWNOUT PROTECTION, SHALL RETURN TO THE SWITCHED/CONTROLLED STATE AUTOMATICALLY. PROVIDE STATEMENT WITH THE FIXTURE SUBMITTALS.

C. LIGHTING CONTROLS, INCLUDING CONTROL SCHEMATICS, DEVICES, SWITCHES, SENSORS AND GRAPHIC DISPLAYS/CONTROLLERS, MUST BE SUBMITTED WITH THE LIGHT FIXTURE SHOP DRAWINGS, FOR A COMPLETE REVIEW.

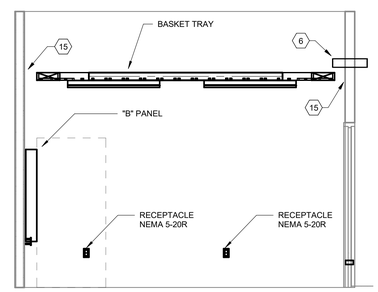
TYPE	DESCRIPTION	MOUNTING	LAMP	DRIVER	VOLTAGE	WATTS	MANUFACTURER	MODEL NUMBER
A	4' LINEAR LED STRIPLIGHT WITH FROSTED LENS	CHAIN SUSPEND	LED; 4,585 LUMENS; 80 CRI; 3500K	ELECTRONIC LED DRIVER	MVOLT	34 W	LITHONIA	ZL1N L48 5000LM FST MVOLT 35K 80CRI



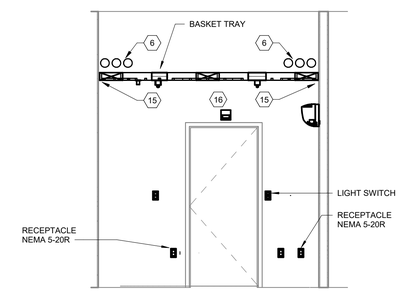
6 **PLAN WEST ELEVATION**
Scale: No Scale



5 **PLAN NORTH ELEVATION**
Scale: No Scale



4 **PLAN EAST ELEVATION**
Scale: No Scale



3 **PLAN SOUTH ELEVATION**
Scale: No Scale

KEY NOTES:

1. ROOMS ARE COOLED WITH DUCTLESS MINI-SPLITS. DUCTLESS MINI-SPLIT UNITS SHALL BE POWERED FROM THEIR ASSOCIATED OUTDOOR CONDENSING UNITS. PROVIDE A CIRCUIT TO THE CONDENSING UNIT, INCLUDING RACEWAYS AND CONDUCTORS TO POWER THE INDOOR UNITS. SEE G SERIES SHEETS FOR MORE INFORMATION.
2. TELECOMMUNICATIONS CHANNEL RACK, 24 INCHES WIDE, 30 INCHES DEEP, 84 INCHES HIGH, 45RU, WHITE. PROVIDE ORTRONICS (LEGRAND) MM2073038-W, OR APPROVED EQUIVALENT. CONTRACTOR SHALL COORDINATE ADDITIONAL DETAILS INCLUDING, BUT NOT LIMITED TO GROUNDING AND BONDING DETAILS, DATA ELEVATIONS AND POWER ELEVATIONS IN THE DRAWINGS.
3. VERTICAL CABLE MANAGEMENT CAGE WITH DOOR, 6 INCHES WIDE, 84 INCHES HIGH, 45RU, WHITE. PROVIDE ORTRONICS (LEGRAND) MM20VMD706-W, OR APPROVED EQUIVALENT.
4. RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS. MINIMUM 12" AWAY FROM BASKET TRAY FOR EACH RACK. PROVIDE L21-20R RECEPTACLE. PROVIDE (3) #12 AWG, (1) #10 AWG NEUTRAL, (1) #12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET502 AND 000.ET505
5. SECONDARY BONDING BUSBAR TO BE LOCATED BEHIND OR TO THE SIDE OF THE RACKS. TELECOMMUNICATIONS EQUIPMENT SHALL BE BONDED ACCORDING TO THE GROUNDING AND BONDING DETAILS. REFER TO DETAILS 3 AND 4 ON SHEET 000.ET503 FOR MORE INFORMATION.
6. FIRE/SMOKE SLEEVE ASSEMBLIES. PROVIDE UL LISTED ASSEMBLIES, STI EZ-PATH, SERIES 44+ FIRE-RATED PATHWAY, OR APPROVED EQUIVALENT. INSTALL SLEEVES AT AN ELEVATION COORDINATED TO BE ABOVE EXISTING CEILING HEIGHT IN THE ADJACENT CORRIDOR. REFER TO ET400 SERIES SHEETS FOR QUANTITIES. DO NOT PLACE FIRE/SMOKE SLEEVE ASSEMBLIES OVER DOORS TO AVOID COLLISION WITH ACCESS CONTROL CONDUITS AND BOXES.
7. PROVIDE NEW 24 BASKET TRAY AROUND THE ROOM AND ABOVE THE CHANNEL RACKS, WITH WATERFALL DROPOUTS INTO EACH RACK, 90 DEGREE CORNERS AND ALL RELATED FITTINGS, SEE BASKET TRAY DETAIL ON 000.ET504 FOR MORE INFO.
   B.O.D.: CABLEOFIL CF105/600 SERIES OR EQUIVALENT.
8. PROVIDE JUNCTION BOX FOR THE PACS DOOR CONTROLLER.
9. PAINTED FIRE RETARDANT PLYWOOD BACKBOARD. SEE ARCHITECTURAL.
10. LIGHTING AND APPLIANCE PANELBOARDS. PROVIDE PANELS MOUNTED ON CHANNEL STEEL SUPPORTS, UNLESS NOTED OTHERWISE ON THE ET400 SERIES SHEETS. PANEL 'A' SHALL BE FED FROM A SOURCE WITH GENERATOR BACKUP, AND PANEL 'B' SHALL BE FED FROM A NORMAL UTILITY SOURCE.
11. PROVIDE EMERGENCY CIRCUIT POWER TO THE TR PACS DOOR CONTROLLER.
12. PROVIDE MULTI SENSOR CAMERA AND CONNECT TO EXISTING CAMERA SYSTEM. LOCATION SHOULD BE COORDINATED WITH THE CHANNEL RACK LAYOUT AND O/T.
13. PROVIDE CABLING FOR VA FURNISHED WIRELESS ACCESS POINT.
14. PROVIDE RECEPTACLE NEAR DOOR, WITH POWER EXTENDED FROM AN EXISTING CONVENIENCE OUTLET CIRCUIT ORIGINATING FROM A PANEL NOT IN THE TELECOM ROOM.
15. BASKET TRAY IS SHOWN OFFSET FOR GRAPHICAL PURPOSES ONLY. INSTALL TRAY FLUSH WITH WALL, EXCEPT ABOVE POWER PANELS AND MECHANICAL EQUIPMENT WHERE SPACE IS NEEDED FOR PIPES AND CONDUIT.
16. PROVIDE MOTION SENSOR FOR REQUEST TO EXIT (RX) DOOR RELEASE.
17. LIGHTING IS TO BE FED VIA NEAREST EMERGENCY CIRCUIT OUTSIDE OF THE TE/TR. (TYPICAL ALL)

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

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State of Louisiana — Kevin T. Kublank, License No. 39883, Professional Engineer — 3/23/2026

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ACG Project Number 20-398

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TYPICAL TELECOM ROOM DETAILS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 000.ET501

Dwg. 3 of 88

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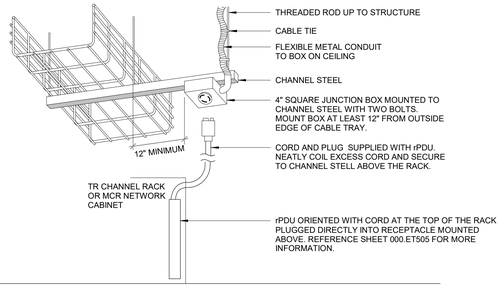
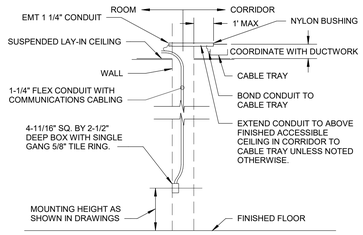


DETAIL NOTE:

1. THIS DETAIL IS INTENDED TO BE A VISUAL EXAMPLE OF THE OUTLET MOUNTING AND PLUG CONNECTION DESIGN. REFERENCE ET400 SERIES SHEETS FOR THE NUMBER OF REQUIRED RECEPTACLES.

7 DATA CABINET PLUG CONNECTION - BUS B

Scale: No Scale



NOTES:

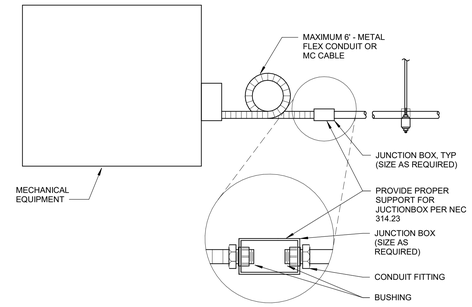
A. CONDUIT THROUGH WALLS FROM ONE ROOM TO THE NEXT (OR FROM ONE ROOM TO THE CORRIDOR) SHALL BE PROVIDED WHERE WALLS EXTEND FROM DECK TO DECK. CONDUIT SHALL BE LONG ENOUGH TO GO THROUGH THE WALL AND HAVE A MINIMUM OF 4" STUBBED OUT OF THE WALL ON BOTH SIDES. PROVIDE UL LISTED, FIRE/SMOKE RATED SLEEVES IN LIEU OF CONDUIT WHERE WALL IS A RATED FIRE/SMOKE WALL.

B. WHERE INSTALLING A NEW DEVICE, FLUSH MOUNTED, IN RATED WALLS, MULTIPLE DEVICES SHALL NOT SHARE THE SAME STUD CAVITY UNLESS UL LISTED PUDDY PADS ARE PROVIDED. ALL MATERIALS PROVIDED FOR FIRE/SMOKE STOP MUST HAVE THE SAME RATING AS THE FIRE/SMOKE WALL AND MUST BE UL LISTED.

C. WHERE CABLE TRAY IS NOT LOCATED 1' OR LESS FROM THE CABLE CONDUIT, USE J-HOOKS TO CONTINUE CABLE PATHWAY TO THE CABLE TRAY.

4 TELECOMMUNICATIONS OUTLET INSTALLATION IN EXISTING ROOMS STUD WALLS

Scale: No Scale

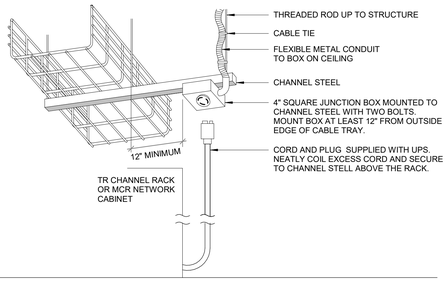


NOTE:

1. COORDINATE FINAL ELECTRICAL CONNECTIONS FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR.
2. PERFORM FINAL TERMINATIONS IN MECHANICAL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.

1 MECHANICAL EQUIPMENT ELECTRICAL CONNECTION

Scale: No Scale

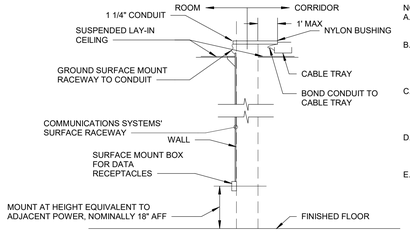


DETAIL NOTE:

1. THIS DETAIL IS INTENDED TO BE A VISUAL EXAMPLE OF THE OUTLET MOUNTING AND PLUG CONNECTION DESIGN. REFERENCE ET400 SERIES SHEETS FOR THE NUMBER OF REQUIRED RECEPTACLES.

8 DATA CABINET PLUG CONNECTION - BUS A

Scale: No Scale



NOTES:

A. BASIS OF DESIGN FOR SURFACE RACEWAY IS HUBBELL P/N HBL2000A OR WIREMOLD 2400 SERIES.

B. CONTRACTOR SHALL PROVIDE A COMPLETE SURFACE RACEWAY. PRIOR TO PROCUREMENT, CONTRACTOR SHALL SUBMIT SAMPLES AND ATTAIN SOLUTIONS' APPROVAL FROM COR.

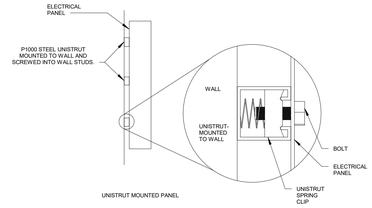
C. ONE AND A QUARTER INCH CONDUIT NOTED SHALL BE EXTENDED TO THE CABLE TRAY FROM THE ROOM AND TERMINATE ON BOTH ENDS WITH A NYLON BUSHING. COORDINATE LOCATION WITH ALL TRADES.

D. THIS TYPICAL IS DIAGRAMMATIC IN NATURE. COORDINATE THE LOCATION OF EACH OUTLET ACCORDING TO THESE SPECIFICATIONS AND DRAWING REQUIREMENTS IN FULL.

E. WHERE CABLE TRAY IS NOT LOCATED 1' OR LESS FROM THE CABLE CONDUIT, USE J-HOOKS TO CONTINUE CABLE PATHWAY TO THE CABLE TRAY.

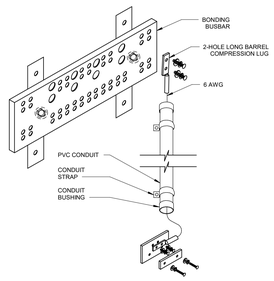
5 TELECOMMUNICATIONS SURFACE MOUNT OUTLET INSTALLATION ON SOLID WALLS

Scale: No Scale



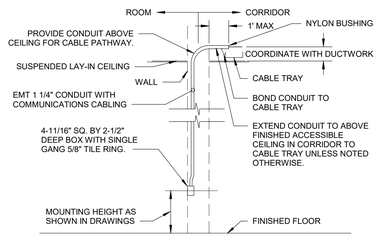
2 UNISTRUT PANEL MOUNTING

Scale: No Scale



9 STATIC DISSAPATIVE TILE GROUNDING DETAIL

Scale: No Scale



NOTES:

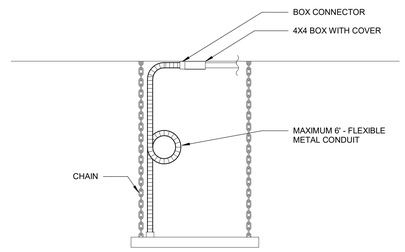
A. CONDUIT THROUGH WALLS FROM ONE ROOM TO THE NEXT (OR FROM ONE ROOM TO THE CORRIDOR) SHALL BE PROVIDED WHERE WALLS EXTEND FROM DECK TO DECK. CONDUIT SHALL BE LONG ENOUGH TO GO THROUGH THE WALL AND HAVE A MINIMUM OF 4" STUBBED OUT OF THE WALL ON BOTH SIDES. PROVIDE UL LISTED, FIRE/SMOKE RATED SLEEVES IN LIEU OF CONDUIT WHERE WALL IS A RATED FIRE/SMOKE WALL.

B. WHERE INSTALLING A NEW DEVICE, FLUSH MOUNTED, IN RATED WALLS, MULTIPLE DEVICES SHALL NOT SHARE THE SAME STUD CAVITY UNLESS UL LISTED PUDDY PADS ARE PROVIDED. ALL MATERIALS PROVIDED FOR FIRE/SMOKE STOP MUST HAVE THE SAME RATING AS THE FIRE/SMOKE WALL AND MUST BE UL LISTED.

C. WHERE CABLE TRAY IS NOT LOCATED 1' OR LESS FROM THE CABLE CONDUIT, USE J-HOOKS TO CONTINUE CABLE PATHWAY TO THE CABLE TRAY.

6 TELECOMMUNICATIONS OUTLET INSTALLATION IN NEW WALLS

Scale: No Scale



3 CHAIN HUNG LIGHT FIXTURE

Scale: No Scale

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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 277721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DETAILS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 000.ET502

Dwg. 4 of 88

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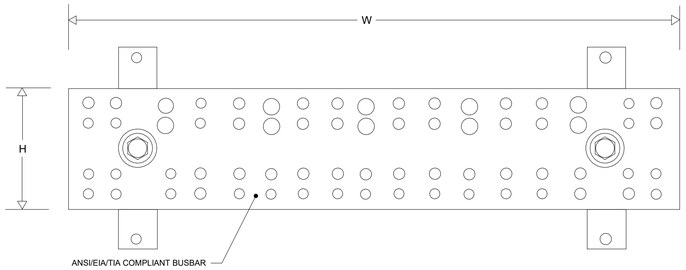
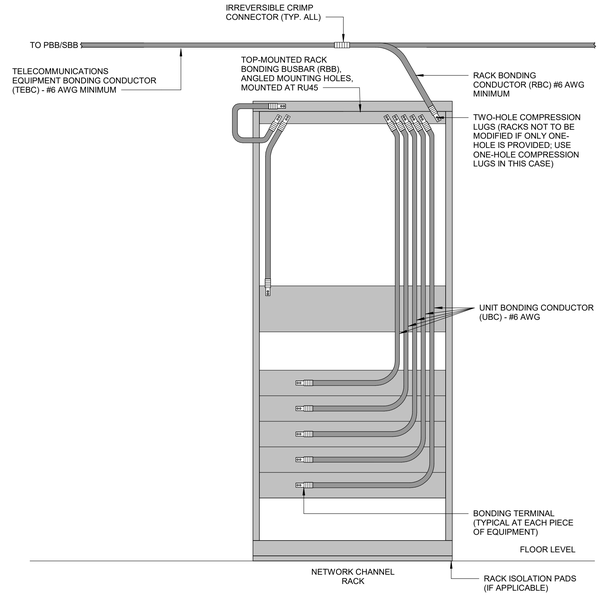


NOTES:

1. BUSBARS SHALL BE 0.25" THICK
2. MOUNT BUSBARS WITH 2" CLEARANCE BETWEEN THE REAR OF THE BUSBAR AND THE WALL
3. PRIMARY BODING BUSBAR (PBB) SHALL BE 20"W x 4"H
4. SECONDARY BODING BUSBAR (SBB) SHALL BE 12"W x 4"H

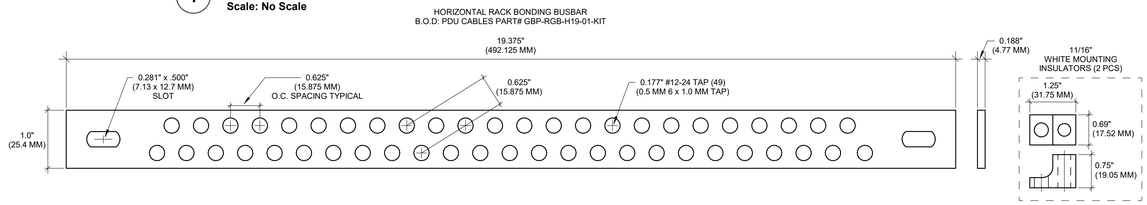
4 TELECOMMUNICATIONS PRIMARY BONDING BUSBAR DETAIL (PBB)

Scale: No Scale



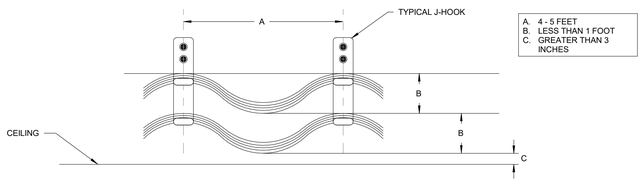
1 TYPICAL BONDING REQUIREMENTS FOR IT EQUIPMENT ENCLOSURES

Scale: No Scale



2 RACK BONDING BUSBAR DETAIL

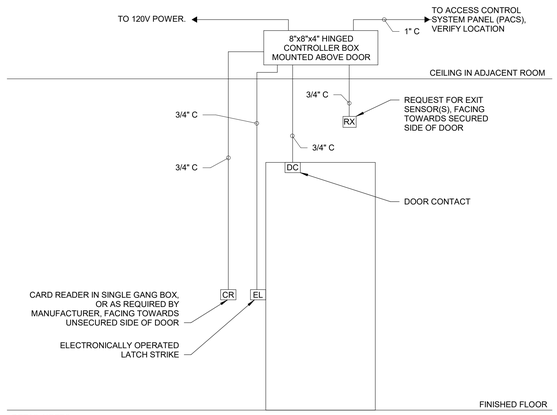
Scale: No Scale



A. 4 - 5 FEET
B. LESS THAN 1 FOOT
C. GREATER THAN 3 INCHES

5 "J-HOOK" SPACING REQUIREMENTS DETAIL

Scale: No Scale



DETAIL NOTES:

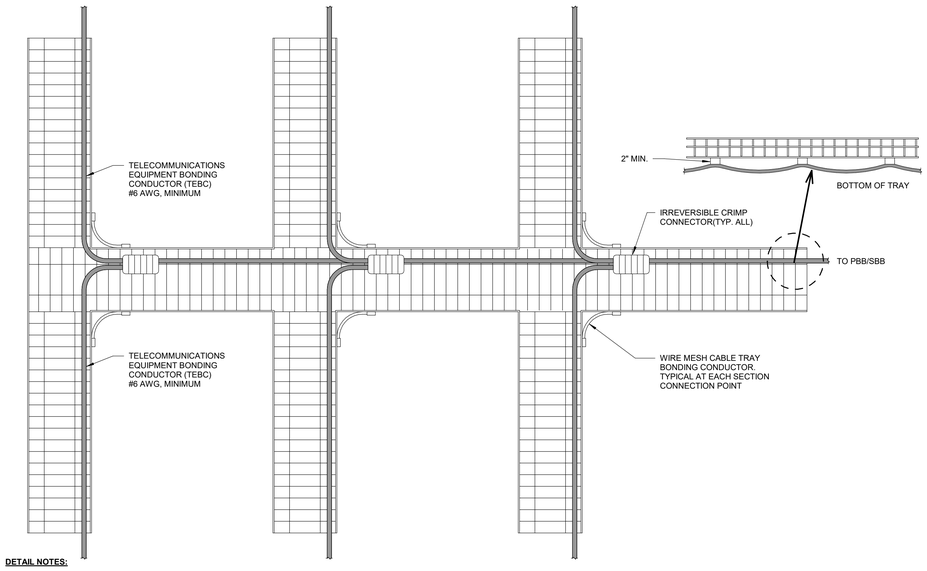
A. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, BOXES, AND SUPPORTS. COORDINATE AND VERIFY LOCATIONS WITH OWNER.

B. PROVIDE CABLING PER MANUFACTURER'S RECOMMENDATION.

C. COORDINATE PER ARCHITECTURAL PLANS & DOOR HARDWARE SCHEDULE. INDICATED AS GENERAL. PROVIDE AS INDICATED ON PLANS

6 SINGLE DOOR CARD ACCESS - PANIC HARDWARE

Scale: No Scale

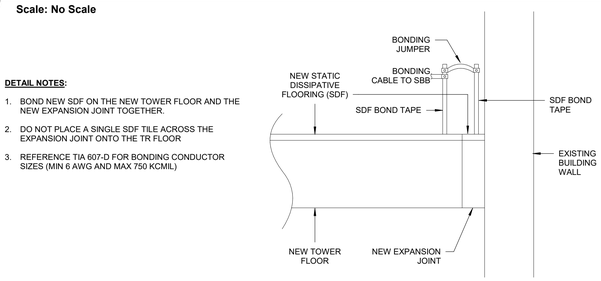


DETAIL NOTES:

1. TEBC SHALL BE MOUNTED TO THE WIRE MESH CABLE TRAY IN SUCH A WAY, THAT THERE IS A MINIMUM OF 2" OF SEPARATION BETWEEN THE NETWORK CABLING AND THE BONDING CONDUCTOR.

3 TYPICAL WIRE MESH CABLE TRAY BONDING DETAIL

Scale: No Scale



DETAIL NOTES:

1. BOND NEW SDF ON THE NEW TOWER FLOOR AND THE NEW EXPANSION JOINT TOGETHER.
2. DO NOT PLACE A SINGLE SDF TILE ACROSS THE EXPANSION JOINT ONTO THE TR FLOOR
3. REFERENCE TIA 607-D FOR BONDING CONDUCTOR SIZES (MIN 6 AWG AND MAX 750 KCMIL)

7 GROUNDING BONDING JUMPER DETAIL

Scale: No Scale

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#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DETAILS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved:

Date: MARCH 24, 2026 | Checked: ADR | Drawn: LAS

Drawing Number: 000.ET503

Dwg. 5 of 88

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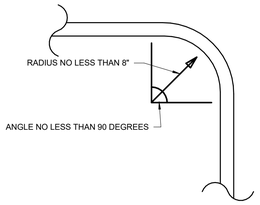
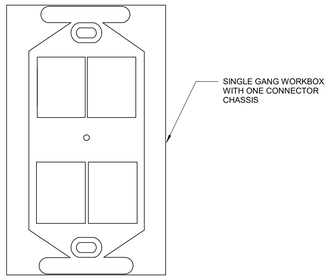
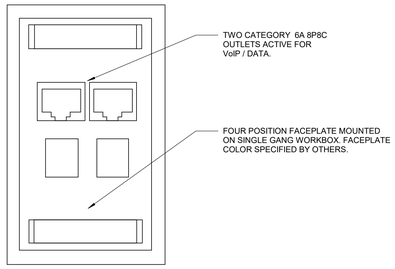
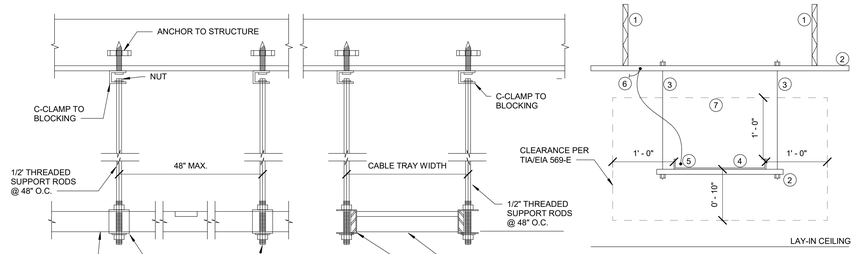


7 BONDING CONDUCTOR BEND RADIUS
Scale: No Scale







DETAIL NOTES:

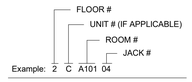
A. DETAIL BASED ON 75 LBS RATED CAPACITY.

B. PROVIDE A MINIMUM OF 12" ABOVE THE CABLE TRAY PER TIA/EIA 569-E. CONTRACTOR TO NOTIFY COR WHEN CLEARANCE DIMENSIONS CANNOT BE MET.

NOTES:

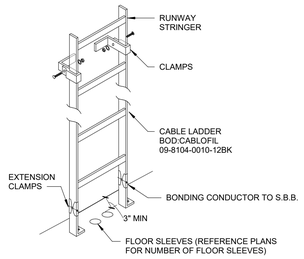
1. BUILDING STRUCTURE.
2. UNISTRUT.
3. THREADED SUPPORT ROD WITH BUSHING AND NUTS.
4. CABLE TRAY.
5. GROUND LUG.
6. GROUND CABLE TO PBB OR SBB.

1 BASKET TRAY SUPPORTS
Scale: No Scale



8 IT CLOSET LABELING SCHEME
Scale: No Scale

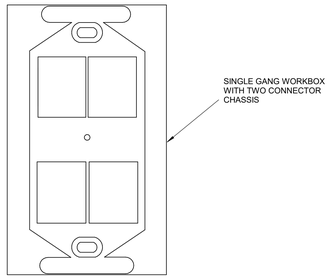
5 STANDARD DENSITY WALL MOUNTED WORK AREA OUTLET CONFIGURATION
Scale: No Scale

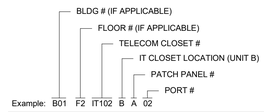


DETAIL NOTES:

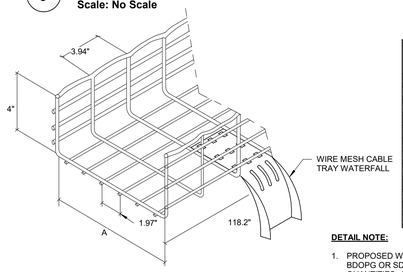
1. REFERENCE PLANS FOR LADDER/TRAY DIMENSIONS.
2. BOLT TO FLOOR & WALL PER MANUFACTURERS' INSTRUCTIONS.
3. BOND EACH SECTION OF LADDER/TRAY.

2 VERTICAL CABLE LADDER DETAIL
Scale: No Scale





9 JACK LABELING SCHEME
Scale: No Scale

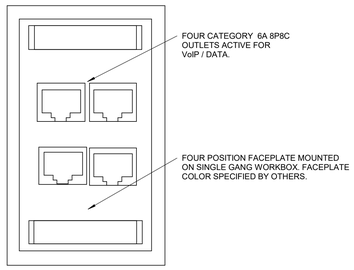


CAT. NO	DEPTH (IN)	WIDTH (IN)	CAT 6a 4-pr PLENUM (0.35")
CF105/300	4	12	248
CF105/450	4	18	373
CF105/500	4	20	414
CF105/600	4	24	497
CF150/150	6	6	186
CF150/200	6	8	238
CF150/300	6	12	357
CF150/450	6	18	536
CF150/500	6	20	596
CF150/600	6	24	715
CF150/900	6	36	1078

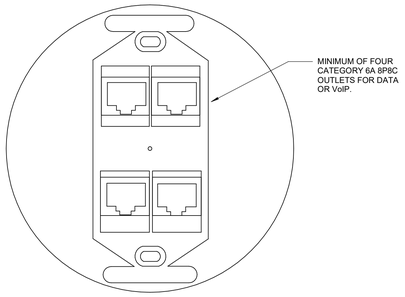
DETAIL NOTE:

1. PROPOSED WIRE MESH CABLE TRAY: B.O.D. - LEGRAND CABLOFIL BDOPG OR SDO300PG FOR OVER THE SIDE AND LARGE QUANTITIES. 4" DEEP X 12" WIDE MINIMUM (SIZE ACCORDING TO DETAIL FILL TABLE) CARBON STEEL, ELECTROPLATED ZINC FINISH ASTM A510 MATERIAL. PROVIDE TRAY INSERT

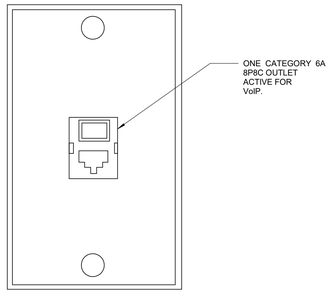
10 BASKET TRAY DETAILS
Scale: No Scale



6 TYPICAL HIGH DENSITY WALL MOUNTED WORK AREA OUTLET CONFIGURATION
Scale: No Scale



4 TYPICAL WORK FLOOR MOUNT OUTLET
Scale: No Scale



3 TYPICAL WALL MOUNT PHONE VOIP OUTLET
Scale: No Scale

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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 35853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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Cary, North Carolina 27511

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY DETAILS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved:

Date: MARCH 24, 2026 | Checked: ADR | Drawn: LAS

Drawing Number: 000.ET504

Dwg. 6 of 88

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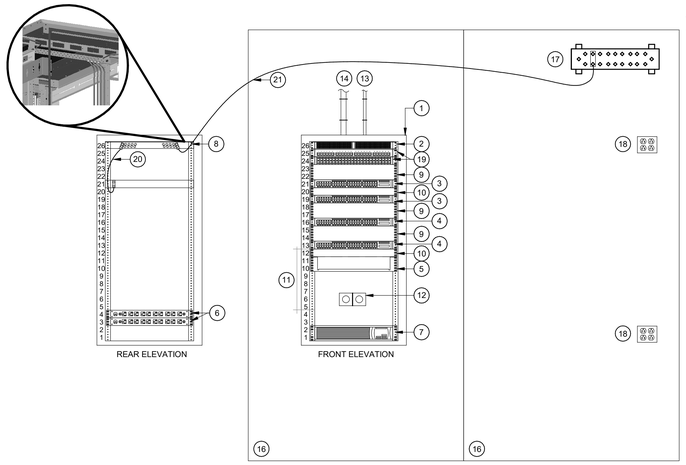
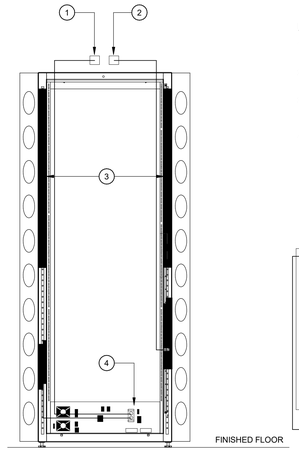


TYPICAL TELECOM ENCLOSURE DETAIL NOTES

1. TELECOMMUNICATIONS ENCLOSURE (TE) WITH FRONT DOOR AND SWING-OUT REAR ACCESS TO EQUIPMENT (BOTH SECTIONS SHALL BE LOCKABLE), 48"H X 24"W X 30"D, 26U, WITH #12-24 TAPPED RAILS, TEMPERED GLASS FRONT DOOR, FRONT AND REAR RAILS, TWO (2) VERTICAL CABLE MANAGEMENT KITS, CABLE PORT BRUSH KIT, TWO (2) SHELVES, FAN AND FILTER KIT, SPARE FILTER KITS (PACK OF 5) AND LED LIGHT KIT. PROVIDE CUBE-IT WALL-MOUNT CABINET, GEN 3, GLACIER WHITE, 12419-E48.
2. ANGLED FIBER PATCH PANEL (1U), METAL SPLICE TRAY, AND SPLICE CASSETTES (DUPLEX LC ON FRONT) FOR CONNECTION TO FIBER BACKBONE AS SHOWN IN RISER DIAGRAMS.
3. COPPER PATCH PANELS TO WORK AREA OUTLETS (MAX 96 POSITIONS).
4. VA LAN SWITCHES.
5. SHELF FOR NON-RACKMOUNT EQUIPMENT.
6. RACK MOUNTED (1RU) POWER DISTRIBUTION UNITS (PDU) WITH NEMA L5-30 INPUT AND NEMA 5-20 OUTPUT RECEPTACLES, TWO PER CABINET, ONE POWERED FROM THE UPS, ONE POWERED BY THE WALL OUTLET. SHALL BE INSTALLED ON THE BACK RAIL. PROVIDE APC AP9560.
7. RACK-MOUNTED (2RU) METERED UNINTERRUPTIBLE POWER SUPPLY (UPS), CAPACITY NOT TO EXCEED 2880VA, WITH NEMA L5-30 INPUT AND L5-30 OUTPUT. SHOWN HERE FRONT FACING, BUT SHALL BE INSTALLED ON THE BACK RAIL. PROVIDE APC SMX3000RMLV2U.
8. RACK BONDING BUSBAR (RBB), SHALL BE INSTALLED ON THE BACK RAIL AT THE TOP RU SPOT (RU 26). SEE GROUNDING DETAILS FOR ADDITIONAL INFORMATION.
9. CABLE MANAGER, 2RU.
10. CABLE MANAGER, 1RU.
11. RESERVED FOR SERVICE PROVIDER, DVRs, AND OTHER TELECOMMUNICATIONS EQUIPMENT.
12. TWO (2) NEMA L5-30 RECEPTACLES IN SEPARATE ELECTRICAL 1-GANG BOX ON THE WALL BEHIND THE RACK ALIGNED WITH THE CUTOUT ON THE ENCLOSURE. ONE OUTLET ASSIGNED TO THE PDU. ONE OUTLET ASSIGNED TO THE UPS. EACH POWERED FROM SEPARATE, DEDICATED 30A/1P CIRCUITS.
13. CABLE FROM SERVICE PANEL AND CABLE TO OTHER CAMPUS BUILDINGS.
14. CABLE TO WORK AREA OUTLETS (WAO).
15. HOOK AND LOOP STRAPS MOUNTED EVERY 12".
16. 4' X 8' X 3/4" A/C GRADE PLYWOOD BACKBOARD PAINTED WITH FIRE-RESISTANT WHITE PAINT IF PERMITTED BY AHJ. MOUNT PLYWOOD AT LEAST 12" AFF.
17. TELECOMMUNICATIONS BONDING BUSBAR (PBB OR SBB AS APPROPRIATE). SEE GROUNDING DETAILS FOR ADDITIONAL INFORMATION.
18. QUAD OUTLETS, NEMA TYPE 5-20R, FOR BACKBOARD MOUNTED EQUIPMENT.
19. ANALOG TELEPHONY PATCH PANEL (TOP) AND UTP SURGE PROTECTOR (BOTTOM).
20. BOND RBB TO EACH SWITCH AND ROUTER CHASSIS.
21. BOND RBB TO SBB.

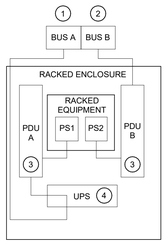
4 TELECOM ENCLOSURE ELEVATION - TYPICAL

Scale: No Scale



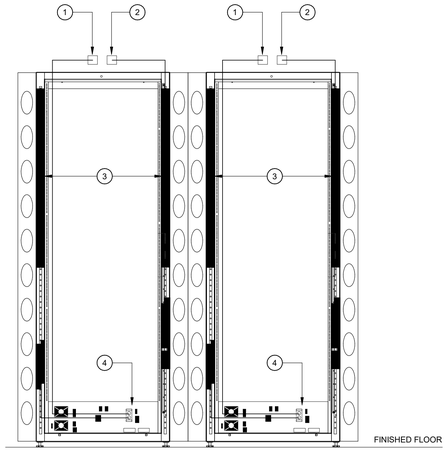
DETAIL NOTES:

1. L21-20P BUS A REQUIRES A 120/208V, 20A, 3-PH, 5W CIRCUIT, TERMINATING IN A NEMA L21-20R LOCKING RECEPTACLE.
2. L21-20P BUS B REQUIRES A 120/208V, 20A, 3-PH, 5W CIRCUIT, TERMINATING IN A NEMA L21-20R LOCKING RECEPTACLE.
3. REQUIRES TWO (2) L21-20R APC AP8861 RPDU OR EQUIVALENT PDU 2G, METERED L21-20 PLUG, THREE PHASE 20A 120/208V INPUT, ZERO U, 5.7 KW, 208V, (36) C13 & (6) C19 & (2) 5-20 OUTLETS FOR USE IN TELECOMMUNICATIONS ROOMS AND LOCATIONS WITH LEGACY 110V ONLY EQUIPMENT.
4. RACK-MOUNTED 5 KW, 208V UNINTERRUPTIBLE POWER SUPPLY (UPS) WITH NEMA 20A L21-20P INPUT AND L21-20R OUTPUT..



1 POWER ELEVATION AND SCHEMATIC DIAGRAM FOR A ONE RACK TR

Scale: No Scale



DETAIL NOTES:

1. L21-20P BUS A REQUIRES A 120/208V, 20A, 3-PH, 5W CIRCUIT, TERMINATING IN A NEMA L21-20R LOCKING RECEPTACLE.
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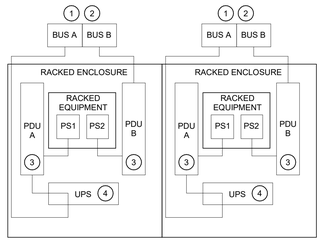
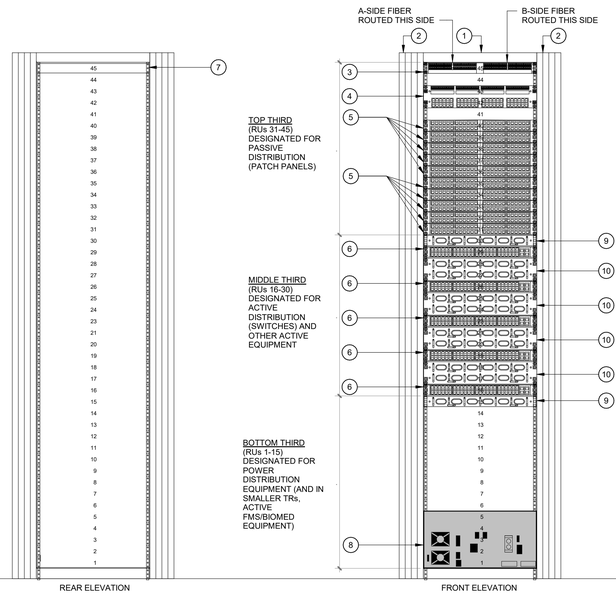
3. REQUIRES TWO (2) L21-20R APC AP8861 RPDU OR EQUIVALENT PDU 2G, METERED L21-20 PLUG, THREE PHASE 20A 120/208V INPUT, ZERO U, 5.7 KW, 208V, (36) C13 & (6) C19 & (2) 5-20 OUTLETS FOR USE IN TELECOMMUNICATIONS ROOMS AND LOCATIONS WITH LEGACY 110V ONLY EQUIPMENT.
4. RACK-MOUNTED 5 KW, 208V UNINTERRUPTIBLE POWER SUPPLY (UPS) WITH NEMA 20A L21-20P INPUT AND L21-20R OUTPUT.



2 POWER ELEVATION AND SCHEMATIC DIAGRAM FOR A TWO RACK TR

Scale: No Scale



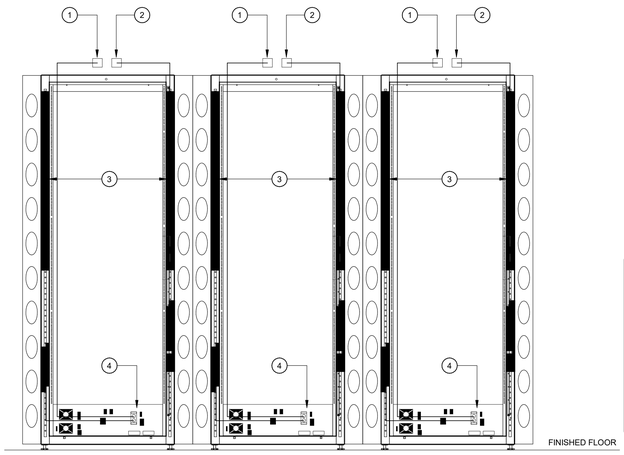
TYPICAL DATA RACK DETAIL NOTES:

1. TR CHANNEL RACK. 30" DEEP.
2. 6" WIRE MANAGER ON EACH END OF RACK ROWS AND 6" WIRE MANAGER BETWEEN RACKS.
3. ANGLED FIBER PATCH PANEL (1U), METAL SPLICE TRAY, AND SPLICE CASSETTES (DUPLEX LC ON FRONT) FOR CONNECTION TO FIBER BACKBONE AS SHOWN IN RISER DIAGRAMS. LOCATE FIBER PATCH PANEL IN CENTER-MOST RACK OF THE TR UNLESS NOTED OTHERWISE.
4. CAT 5E PATCH PANEL FOR ANALOG TELEPHONE AND OTHER TWO-WIRE APPLICATIONS. (ISTS 24 PORTS)
5. 48 PORT COPPER ANGLED PATCH PANEL (1 RU), DATA. PROVIDE AS REQUIRED BY COUNTS IN DATA PORT SPECIFICATION SECTION 27150.1 AND 27150.2.
6. OIT PROVIDED SWITCHES AS REQUIRED (5 STANDARD - MAXIMUM OF 6).
7. RACK BONDING BUS MOUNTED AT RU45. SEE RACK BONDING DETAIL.
8. UNINTERRUPTIBLE POWER SUPPLY (UPS).
9. HORIZONTAL WIRE MANAGEMENT 1RU.
10. HORIZONTAL WIRE MANAGEMENT 2RU.

NOTE:
THIS DETAIL IS INTENDED TO SHOW A FULLY LOADED SINGLE RACK. THE QUANTITY OF EQUIPMENT PER RACK WILL VARY DEPENDING ON DATA DROP COUNT SERVED BY THE RACK.

5 TYPICAL TR RACK ELEVATION DETAIL

Scale: No Scale



DETAIL NOTES:

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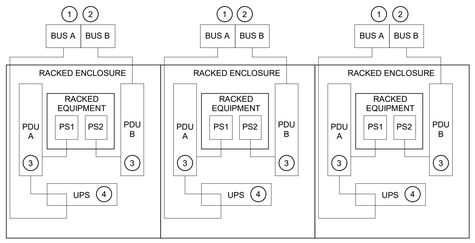
2. L21-20P BUS B REQUIRES A 120/208V, 20A, 3-PH, 5W CIRCUIT, TERMINATING IN A NEMA L21-20R LOCKING RECEPTACLE.
3. REQUIRES TWO (2) L21-20R APC AP8861 RPDU OR EQUIVALENT PDU 2G, METERED L21-20 PLUG, THREE PHASE 20A 120/208V INPUT, ZERO U, 5.7 KW, 208V, (36) C13 & (6) C19 & (2) 5-20 OUTLETS FOR USE IN TELECOMMUNICATIONS ROOMS AND LOCATIONS WITH LEGACY 110V ONLY EQUIPMENT.
4. RACK-MOUNTED 5 KW, 208V UNINTERRUPTIBLE POWER SUPPLY (UPS) WITH NEMA 20A L21-20P INPUT AND L21-20R OUTPUT.



3 POWER ELEVATION AND SCHEMATIC DIAGRAM FOR A THREE RACK TR

Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: CHANNEL RACK DETAILS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: LAS

Drawing Number: 000.ET505

Dwg. 7 of 88

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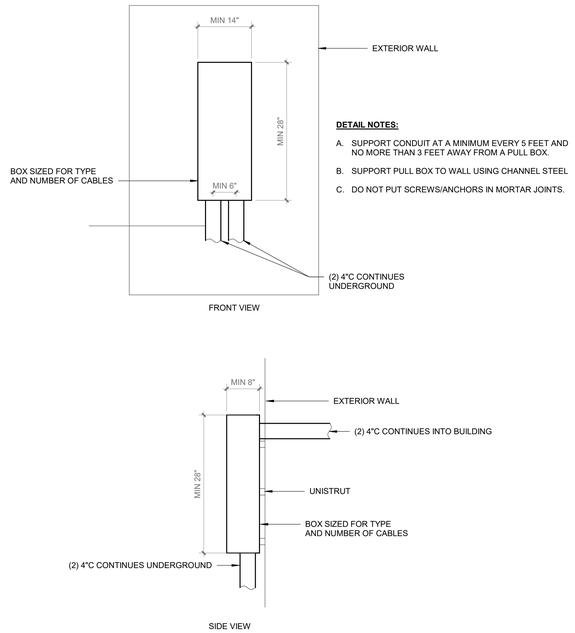


DETAIL NOTES:

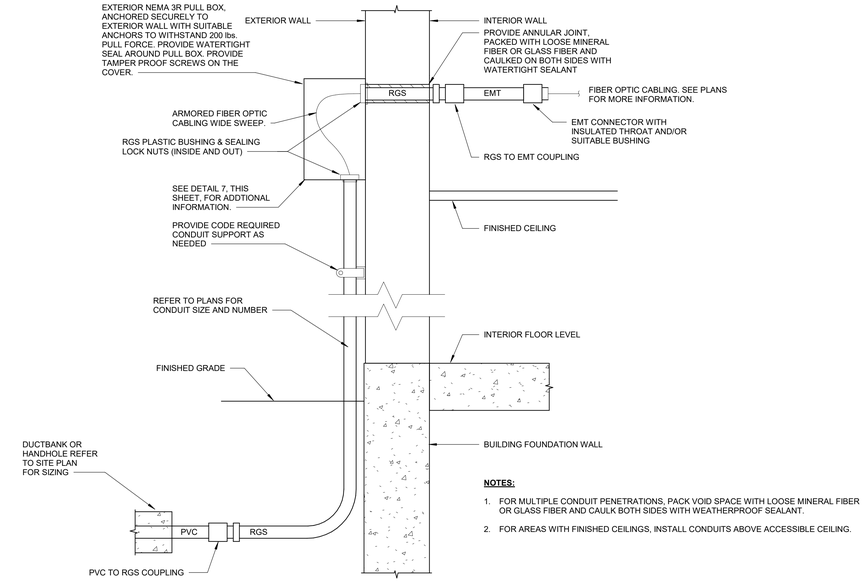
A. SUPPORT CONDUIT AT A MINIMUM EVERY 5 FEET AND NO MORE THAN 3 FEET AWAY FROM A PULL BOX.

B. SUPPORT PULL BOX TO WALL USING CHANNEL STEEL

C. DO NOT PUT SCREWS/ANCHORS IN MORTAR JOINTS.

4 PULL BOX DIMENSION DETAIL

Scale: No Scale



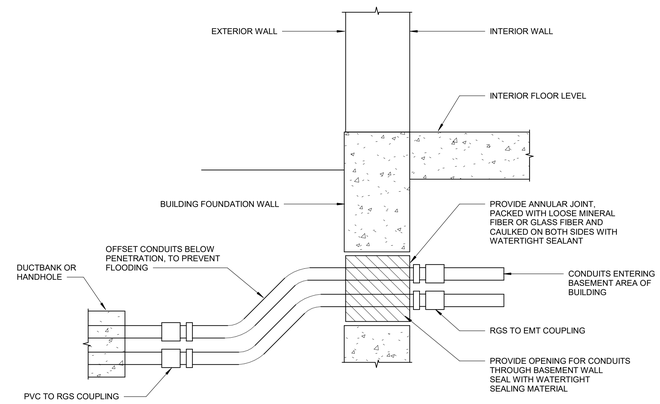
NOTES:

1. FOR MULTIPLE CONDUIT PENETRATIONS, PACK VOID SPACE WITH LOOSE MINERAL FIBER OR GLASS FIBER AND CAULK BOTH SIDES WITH WEATHERPROOF SEALANT.

2. FOR AREAS WITH FINISHED CEILINGS, INSTALL CONDUITS ABOVE ACCESSIBLE CEILING.

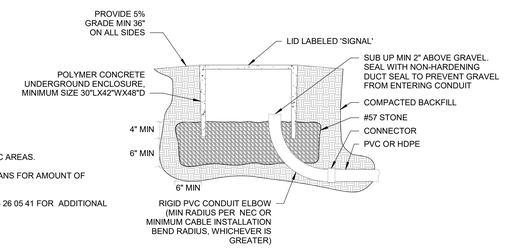
1 TYPICAL TELECOM DUCTBANK EXTERIOR TRANSITION INTO BUILDING

Scale: No Scale



2 TYPICAL TELECOM DUCTBANK TRANSITION INTO BASEMENT

Scale: No Scale



DETAIL NOTES:

1. DO NOT INSTALL IN TRAFFIC AREAS.

2. SEE TECHNOLOGY SITE PLANS FOR AMOUNT OF CONDUITS.

3. REFER TO SPECIFICATIONS 26 05 41 FOR ADDITIONAL INFORMATION.

3 TELECOMMUNICATIONS HANDHOLE DETAIL

Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 30883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SITE TECHNOLOGY DETAILS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 000.ET506

Dwg. 8 of 88

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OUTDOOR FIBER RISER SCHEDULE

TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23
2	2	SEE SPECIFICATION 27 13 23
3	3	SEE SPECIFICATION 27 13 23
4	4	SEE SPECIFICATION 27 13 23
5	5	SEE SPECIFICATION 27 13 23
6	6	SEE SPECIFICATION 27 13 23
7	7	SEE SPECIFICATION 27 13 23
8	8	SEE SPECIFICATION 27 13 23
9	9	SEE SPECIFICATION 27 13 23
10	10	SEE SPECIFICATION 27 13 23
11	11	SEE SPECIFICATION 27 13 23
14	14	SEE SPECIFICATION 27 13 23
15	15	SEE SPECIFICATION 27 13 23
17	17	SEE SPECIFICATION 27 13 23
18	18	SEE SPECIFICATION 27 13 23
21	21	SEE SPECIFICATION 27 13 23
22	22	SEE SPECIFICATION 27 13 23
23	23	SEE SPECIFICATION 27 13 23
34	34	SEE SPECIFICATION 27 13 23
35	35	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

———————— - CIRCUIT "A"

- - - -

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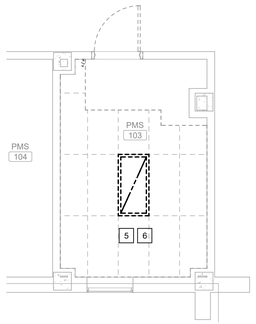
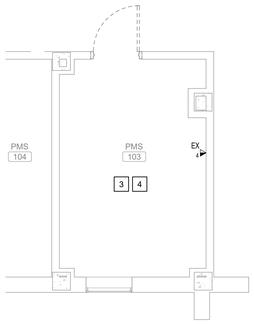


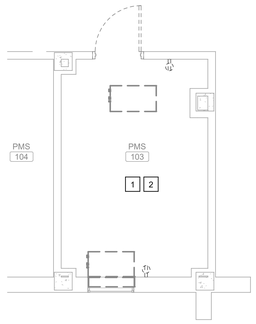
PMS ROOM 103, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



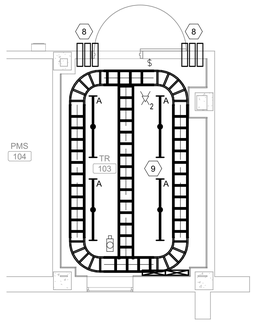
PMS ROOM 103, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



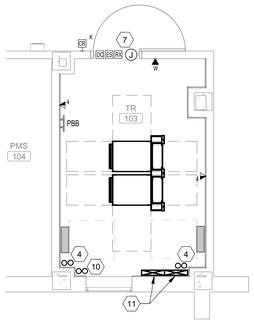
PMS ROOM 103, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



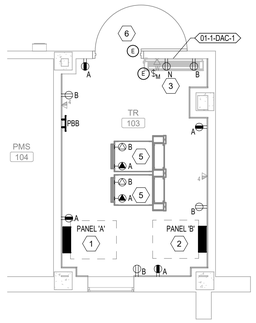
TELECOM ROOM 103, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 103, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 103, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 001.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE DIAGRAMS ON SHEET 001.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 001.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

8 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

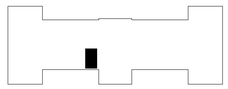
10 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR)FOR CAT 6A CABLES TO SERVE NORTH SIDE OF BUILDING A.

11 PROVIDE 18" X 4" LADDER TRAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI Andrew Richards BICSI ID # 377721 EXPIRES 12-31-28 RCDD — 3/23/2026

STATE OF LOUISIANA KEVIN T. KUBLANK License No. 38853 PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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1151 Kildaire Farm Road, Suite 120
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 1, FIRST FLOOR, TELECOM ROOM 103 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 001.ET401

Dwg. 10 of 88

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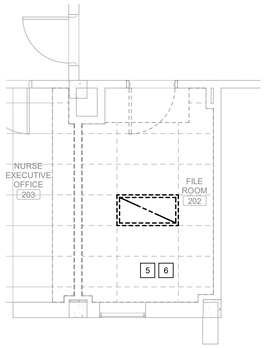
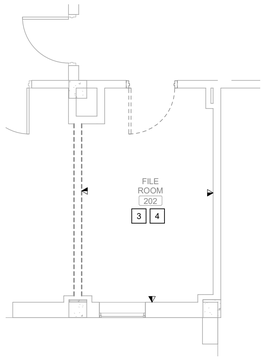


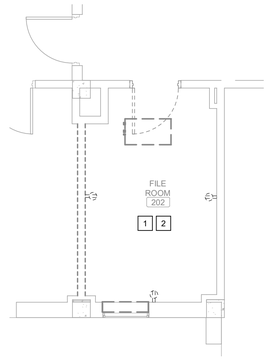
FILE ROOM 202, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



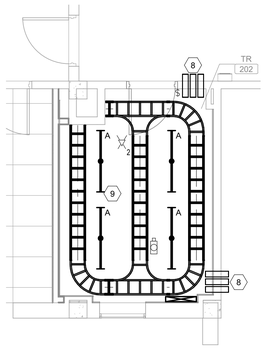
FILE ROOM 202, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



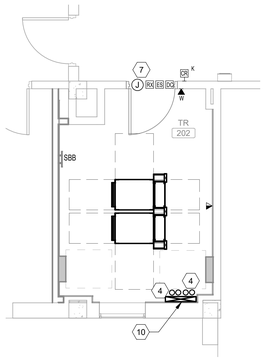
FILE ROOM 202, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



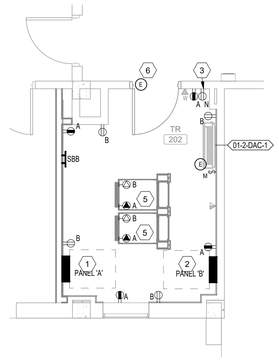
TELECOM ROOM 202, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 202, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 202, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 001.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE DIAGRAMS ON SHEET 001.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 001.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

8 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

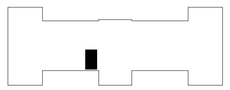
9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

10 PROVIDE 24" X 4" LADDER TRAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI Registered Communications Distribution Designer — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — 3/23/2026

State of Louisiana — Kevin T. Kublank, License No. 36883, Professional Engineer — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 1, SECOND FLOOR, TELECOM ROOM 202 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 001.ET402

Dwg. 11 of 88

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VA FORM 08-6231

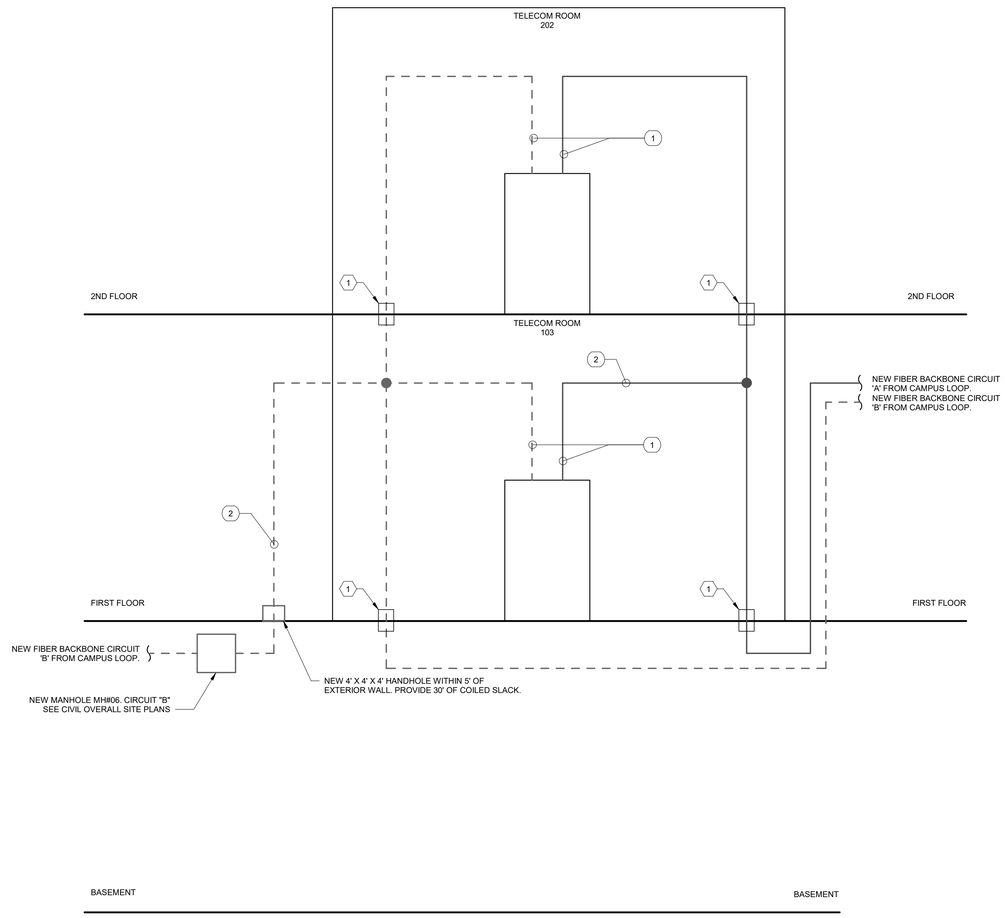
Docusign Envelope ID: 31EDC0F6-5827-45E5-8E99-758108BAC466

BUILDING 1 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23
2	2	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

———————— - CIRCUIT "A"

– – – – – – - CIRCUIT "B"



1 **BUILDING 1, FIBER RISER DIAGRAM**
Scale: No Scale

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFRASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1 PROVIDE (2) 4" FIRE/SMOKE SLEEVE ASSEMBLY (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER BICSI Andrew Richards BICSI ID # 377721 EXPIRES 12-31-28 RCDD 3/23/2026

STATE OF LOUISIANA KEVIN T. KUBLANK License No. 36853 PROFESSIONAL ENGINEER 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

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Cary, North Carolina 27511
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 1, FIBER RISER DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 001.ET601

Dwg. 12 of 88

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BUILDING 1 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
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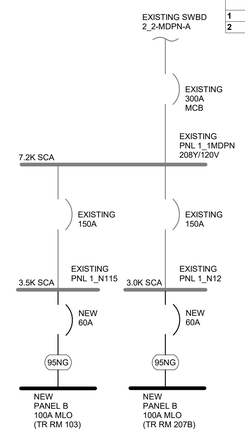
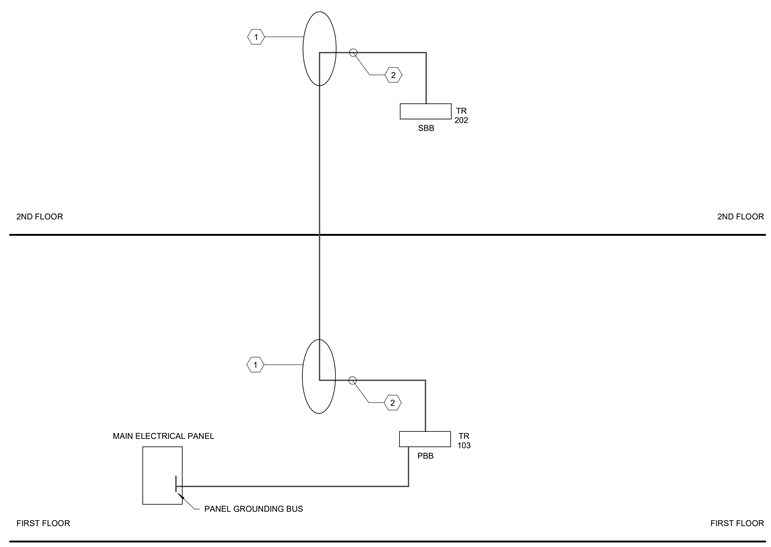
2	2	SEE SPECIFICATION 27 13 23



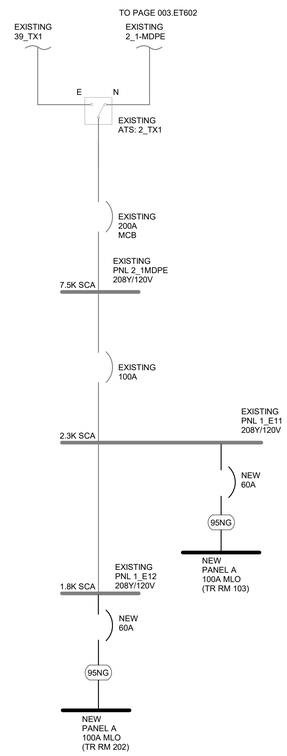
1 BUILDING 1 PARTIAL SINGLE LINE DIAGRAM - NORMAL

Scale: No Scale



3 BUILDING 1 BONDING RISER DIAGRAM

Scale: No Scale



2 BUILDING 1 PARTIAL SINGLE LINE DIAGRAM - EMERGENCY

Scale: No Scale

SHEET NOTES:

A. REFERENCE BONDING DETAILS, SHEET 000.ET503.

B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 - ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

2 PROVIDE TBC FROM SECONDARY BONDING BUSBAR (SBB) TO TBB.

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Andrew Richards
BICSI ID # 377721
EXPIRES 12-31-28
RCDD
3/23/2026

STATE OF LOUISIANA
KEVIN T. KUBLANK
License No. 36853
PROFESSIONAL ENGINEER
3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 1, SINGLE LINE AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM
2495 SHREVEPORT HWY, 71N
PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 001.ET602

Dwg. 13 of 88

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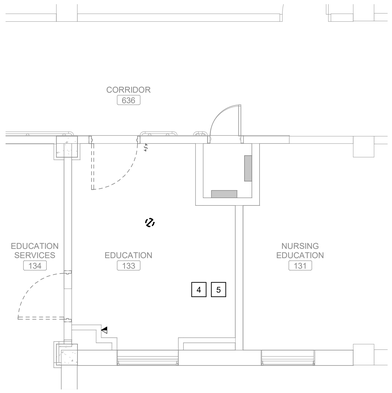
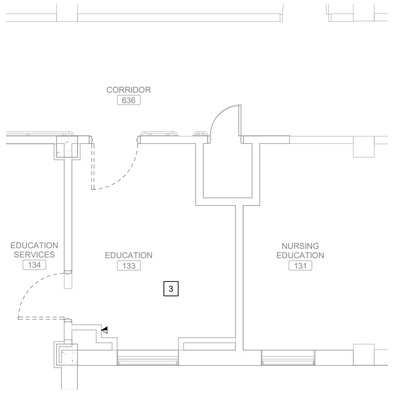


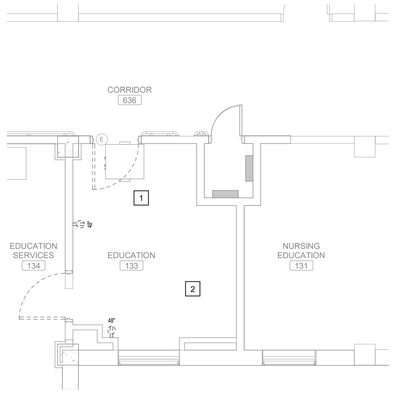
EDUCATION 133, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



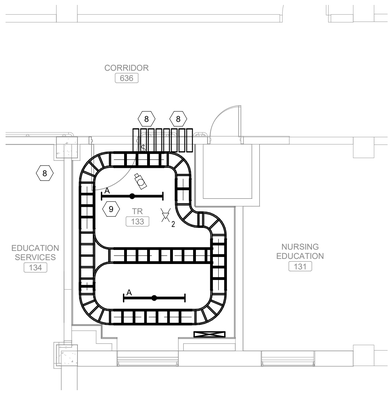
EDUCATION 133, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



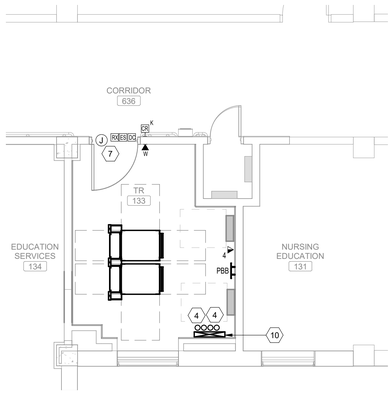
EDUCATION 133, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



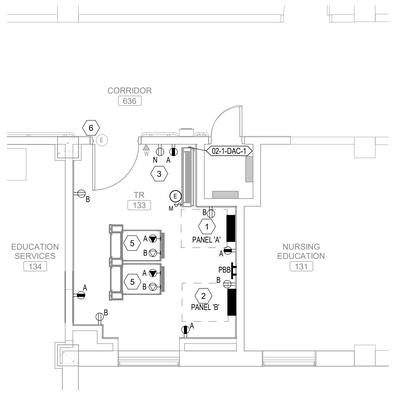
TELECOM ROOM 133, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 133, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 133, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.
4 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
5 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

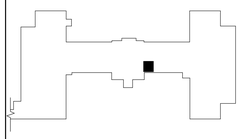
KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 002.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE RISER DIAGRAM ON SHEET 002.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.
4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 002.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.
5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.
6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
8
9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.
10 PROVIDE 24" X 4" LADDER TRAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI Andrew Richards BICSI ID # 371721 EXPIRES 12-31-26 — 3/23/2026

KEVIN T. KUBLANK License No. 36883 — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
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Cary, North Carolina 27511
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 2, FIRST FLOOR, TELECOM ROOM 133 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 002.ET401

Dwg. 14 of 88

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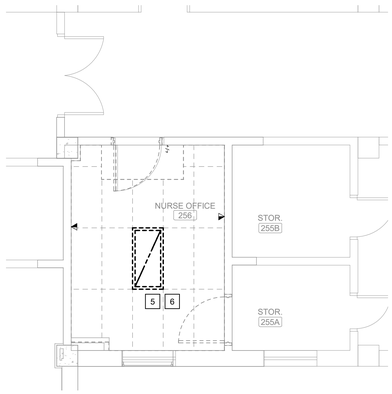
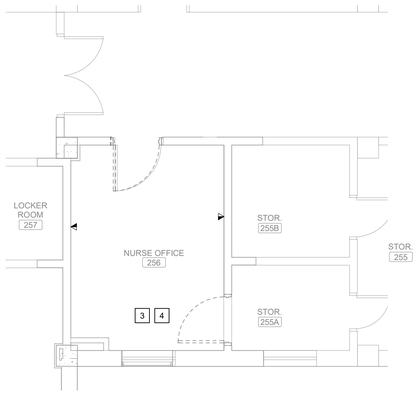
Docusign Envelope ID: 31EDC0F6-5827-45E5-8E99-758108BAC466



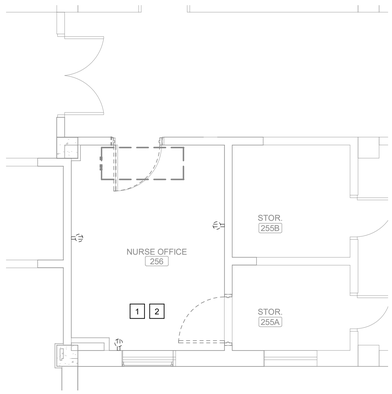
NURSE OFFICE 256, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



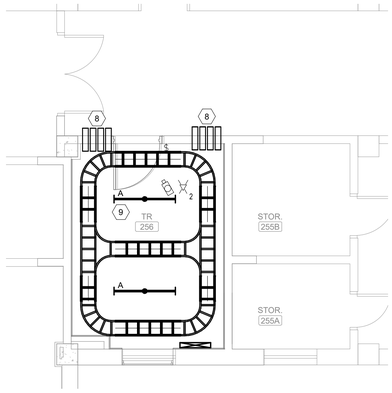
NURSE OFFICE 256, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



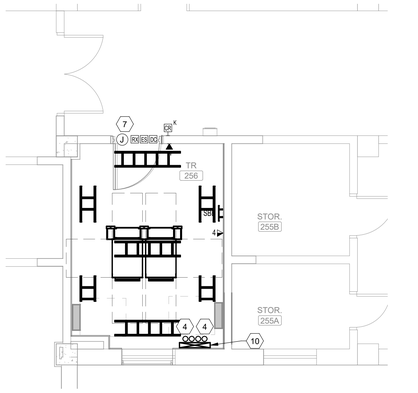
NURSE OFFICE 256, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



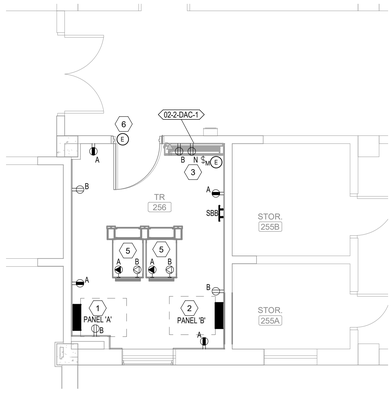
TELECOM ROOM 256, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 256, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 256, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

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C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.
4 DISCONNECT AND REMOVE CABLING IN ROOM.
5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

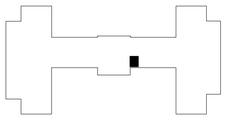
KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 002.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE RISER DIAGRAM ON SHEET 002.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.
4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 002.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.
5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.
6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
8 PROVIDE 4 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.
9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.
10 PROVIDE 24" X 4" LADDER TRAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 2, SECOND FLOOR, TELECOM ROOM 256 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 002.ET402

Dwg. 15 of 88

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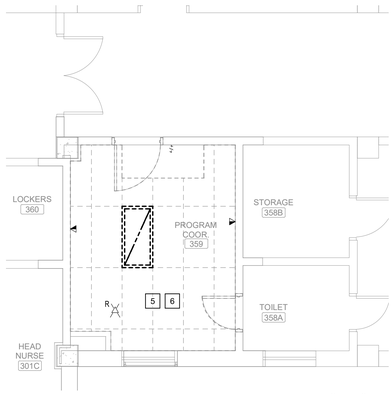
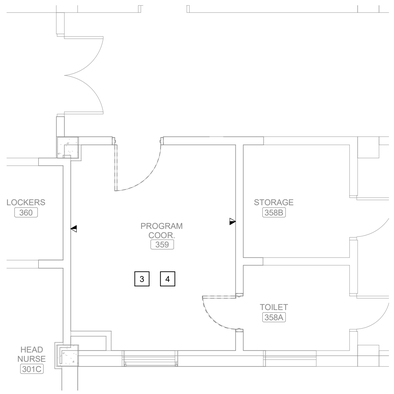


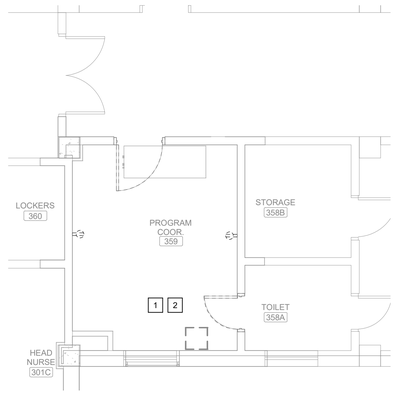
PROGRAM CORR. 359, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



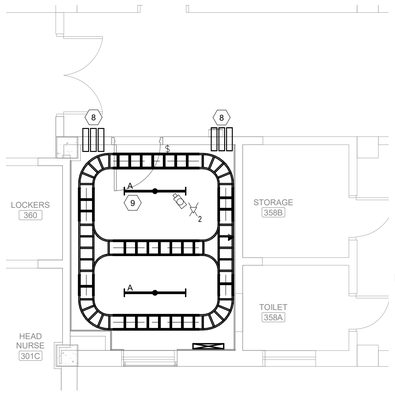
PROGRAM CORR. 359, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



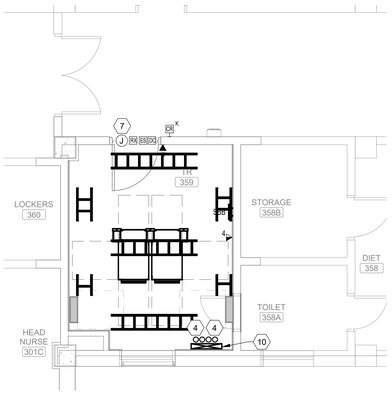
PROGRAM CORR. 359, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



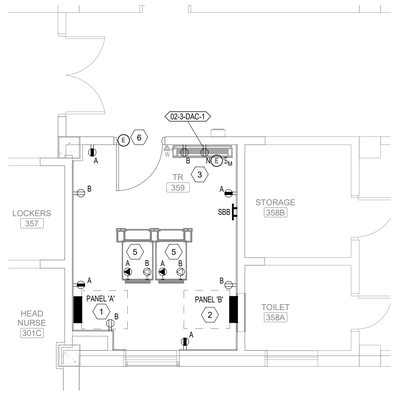
TELECOM ROOM 359, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 359, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 359, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
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1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 002.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
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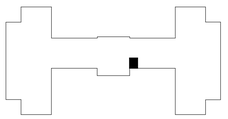
10 PROVIDE 24" X 4" LADDER TRAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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Cary, North Carolina 27511
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 2, THIRD FLOOR, TELECOM ROOM 359 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 002.ET403

Dwg. 16 of 88

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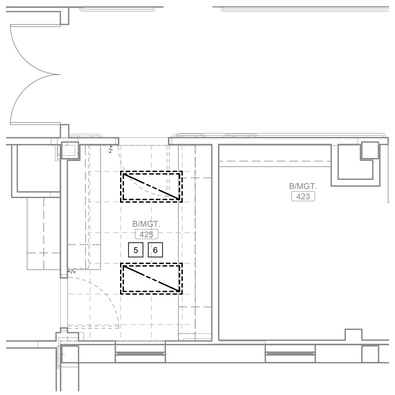
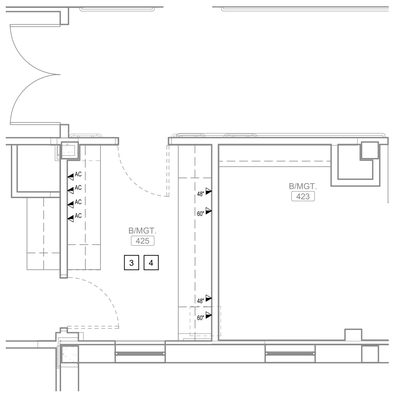


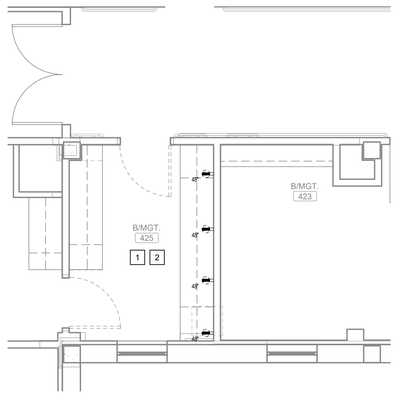
BUILDING MANAGEMENT 424, CEILING DEMOLITION PLAN 0 2 4 8

Scale: 1/4" = 1'-0"



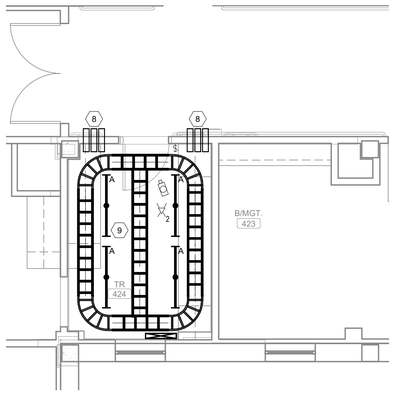
BUILDING MANAGEMENT 424, TECH DEMOLITION PLAN 0 2 4 8

Scale: 1/4" = 1'-0"



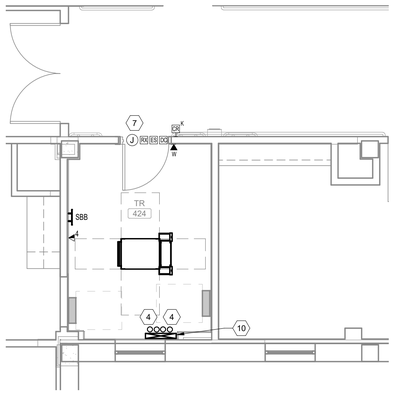
BUILDING MANAGEMENT 424, POWER DEMOLITION PLAN 0 2 4 8

Scale: 1/4" = 1'-0"



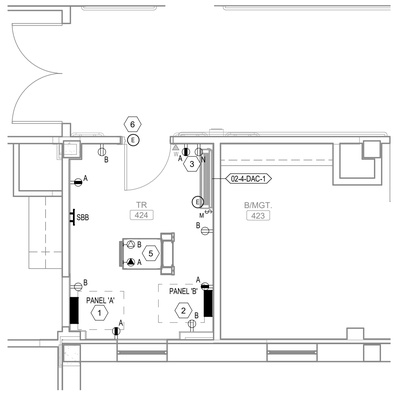
TELECOM ROOM 424, CEILING PLAN 0 2 4 8

Scale: 1/4" = 1'-0"



TELECOM ROOM 424, TECHNOLOGY PLAN 0 2 4 8

Scale: 1/4" = 1'-0"



TELECOM ROOM 424, POWER PLAN 0 2 4 8

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

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H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

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KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

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3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

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3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 002.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

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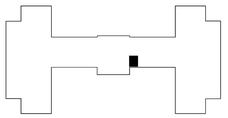
10 PROVIDE 24" X 4" LADDER TRAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 2, FOURTH FLOOR, TELECOM ROOM 424 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 002.ET404

Dwg. 17 of 88

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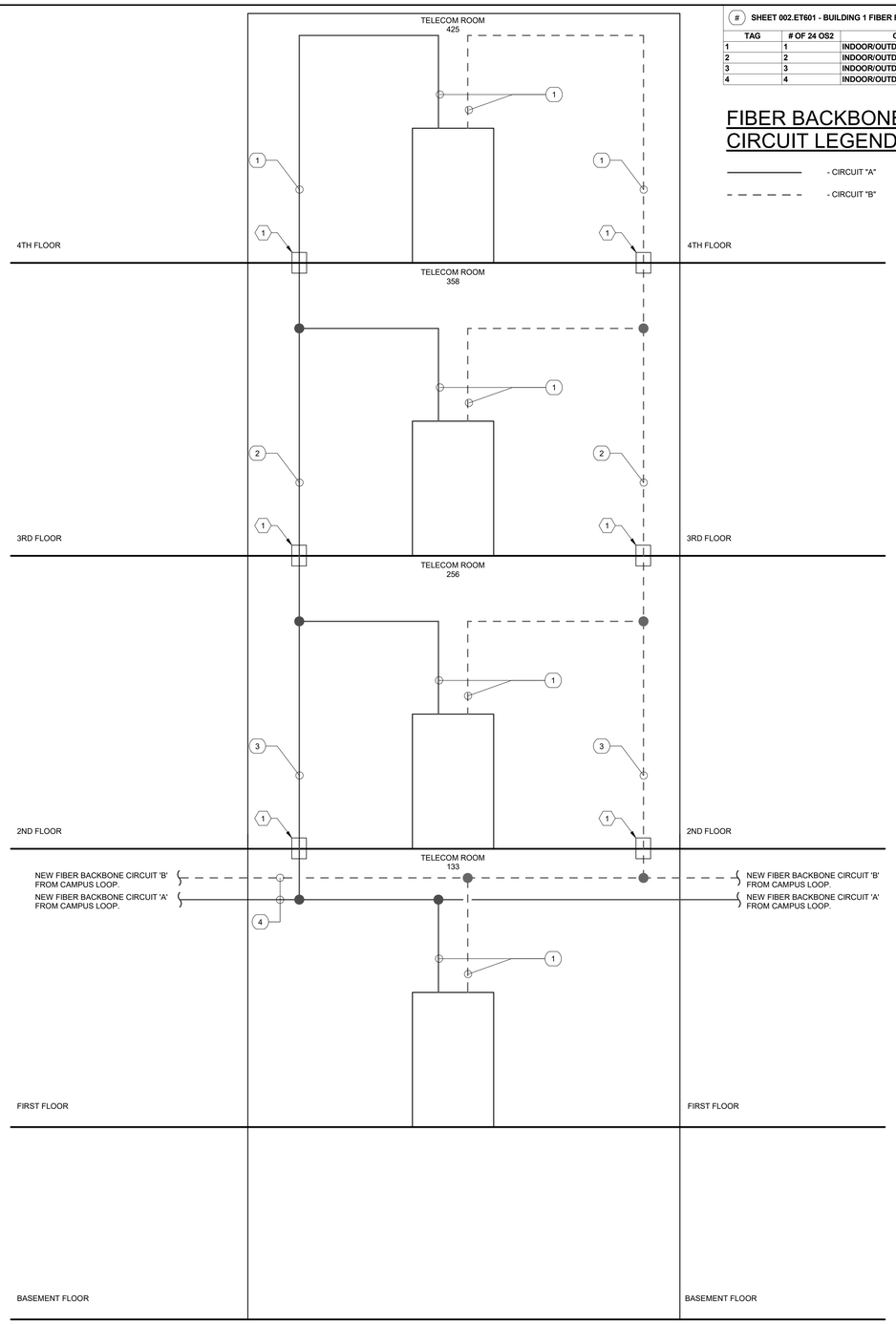

#	SHEET 002.ET601 - BUILDING 1 FIBER RISER SCHEDULE	
TAG	# OF 24 OS2	COMMENTS
1	1	INDOOR/OUTDOOR ARMORED FIBER
2	2	INDOOR/OUTDOOR ARMORED FIBER
3	3	INDOOR/OUTDOOR ARMORED FIBER
4	4	INDOOR/OUTDOOR ARMORED FIBER

FIBER BACKBONE CIRCUIT LEGEND:

- CIRCUIT "A"
- CIRCUIT "B"

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFRASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.

1 BUILDING 2 FIBER RISER DIAGRAM

Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 2, FIBER RISER DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

Drawing Number: 002.ET601

Dwg. 18 of 88

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BUILDING 2 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.

SHEET NOTES:

A. REFERENCE BONDING DETAIL

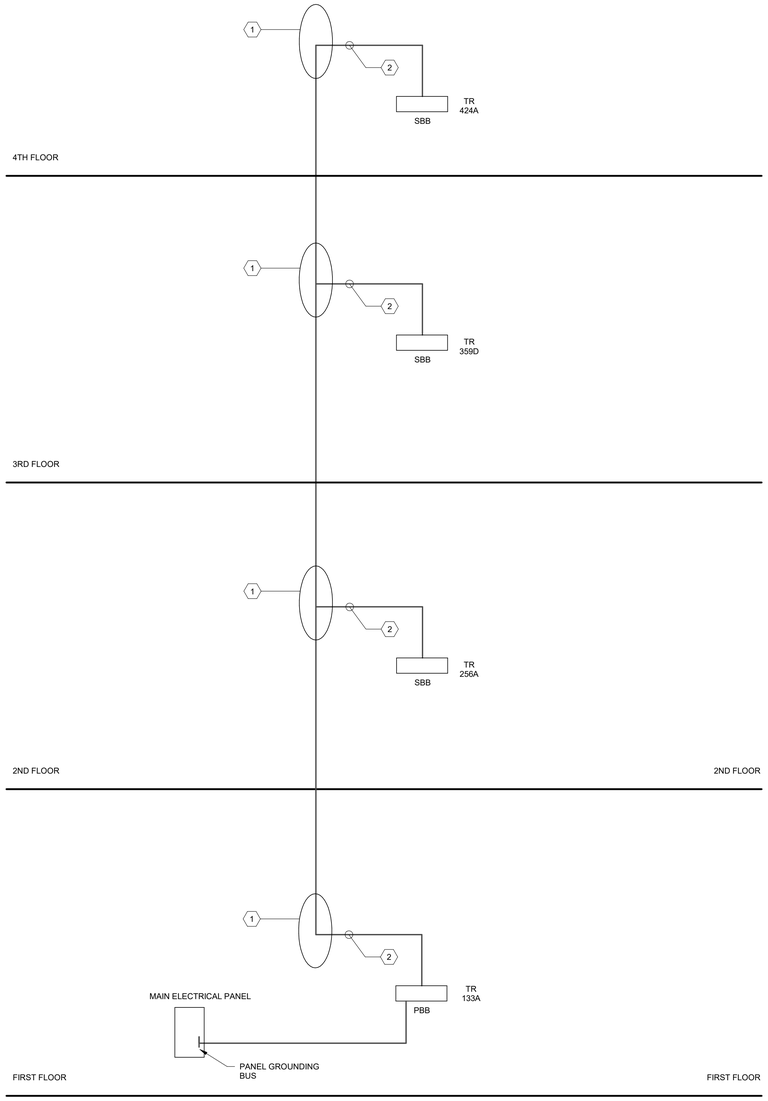
B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 -- ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

KEY NOTES:

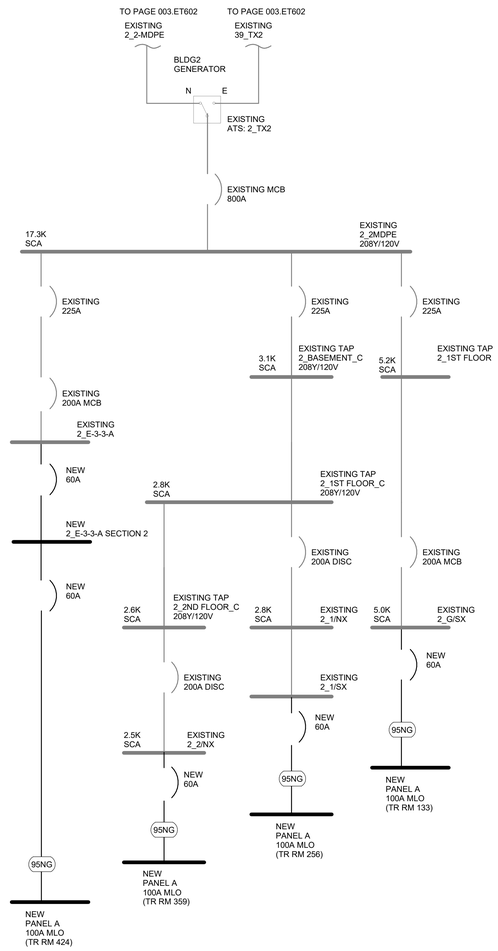
1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

2 PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.



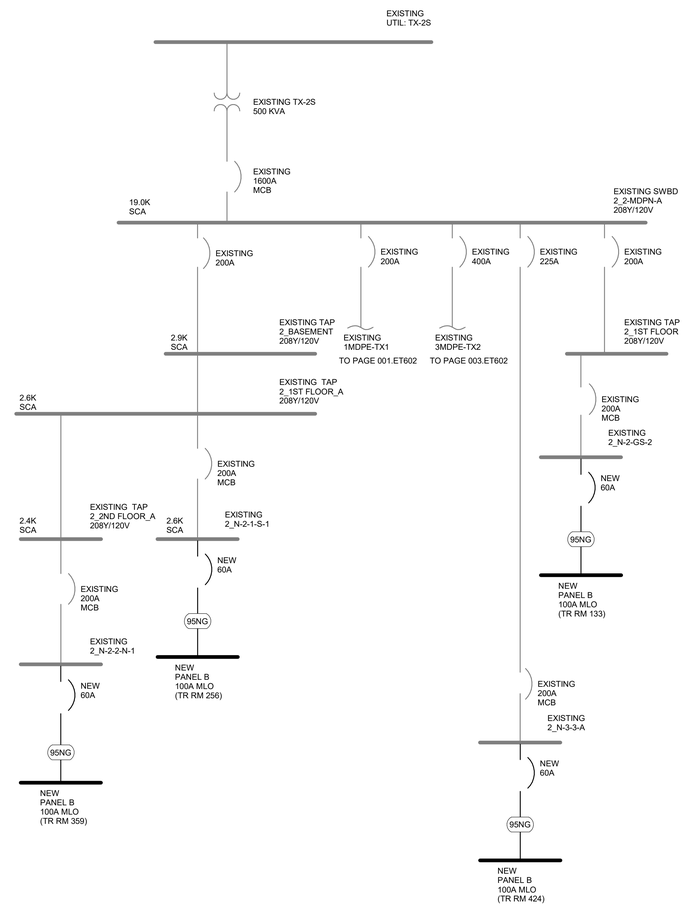
3 BUILDING 2 BONDING RISER DIAGRAM

Scale: No Scale



2 BUILDING 2 SINGLE LINE DIAGRAM - EMERGENCY

Scale: No Scale



1 BUILDING 2 SINGLE LINE DIAGRAM - NORMAL

Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 2, SINGLE LINE AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 002.ET602

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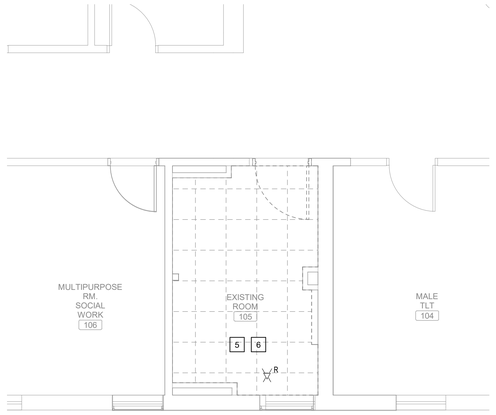
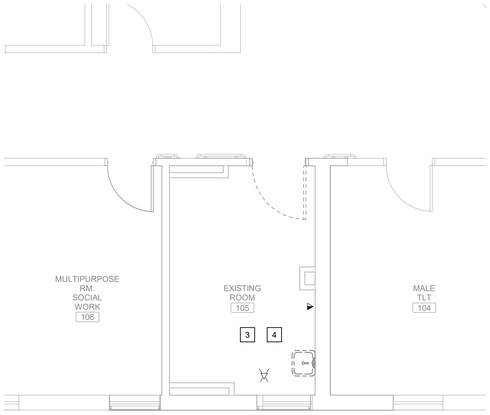


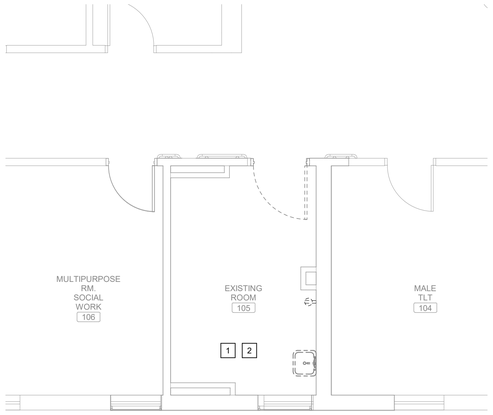
EXISTING ROOM 105, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



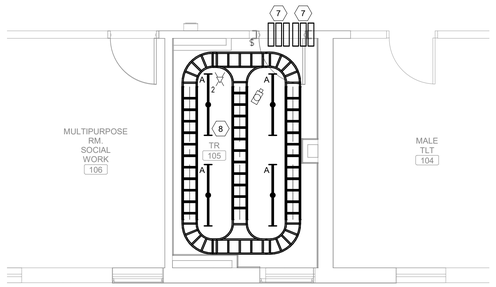
EXISTING ROOM 105, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



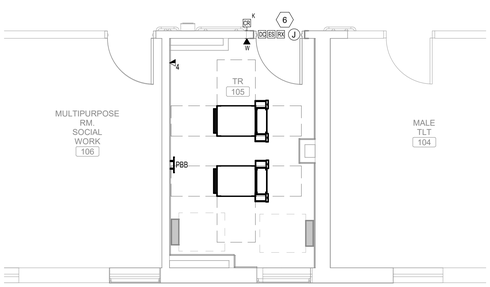
EXISTING ROOM 105, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



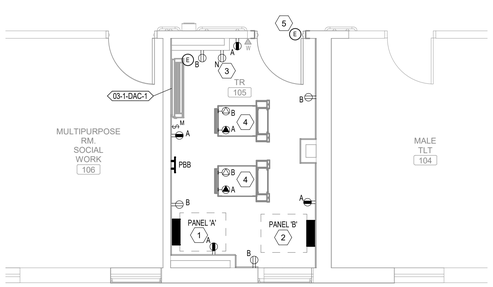
TELECOM ROOM 105, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 105, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 105, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.
4 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK
5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

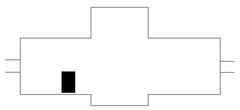
KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 003.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE RISER DIAGRAM ON SHEET 003.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.
4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.
5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
7 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.
8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 3, FIRST FLOOR, TELECOM ROOM 105 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 003.ET401

Dwg. 20 of 88

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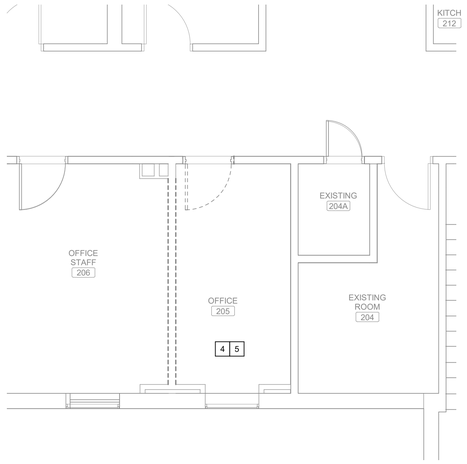
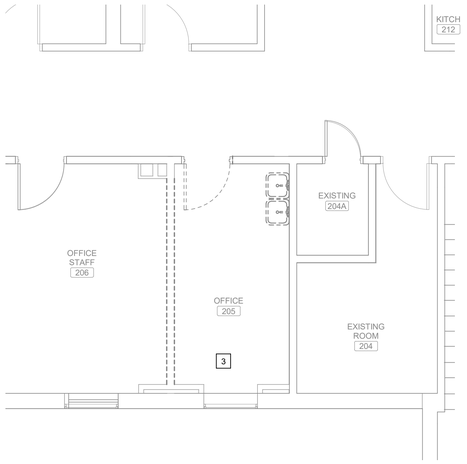


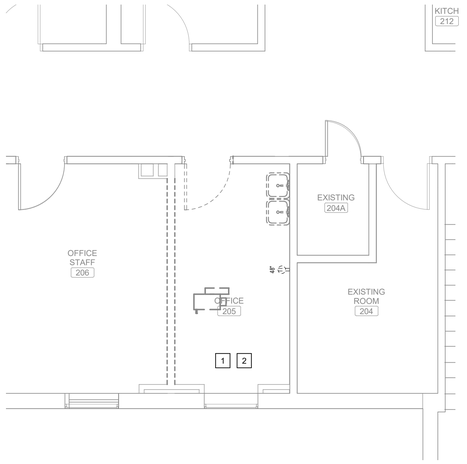
OFFICE 205, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



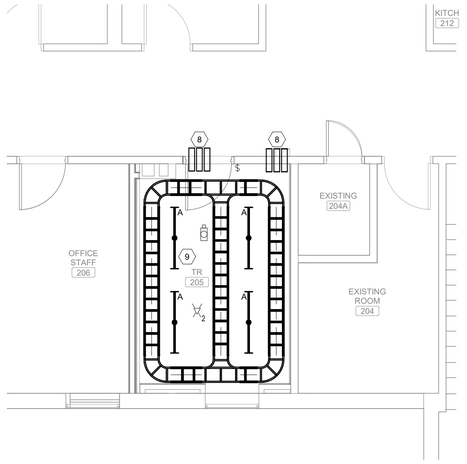
OFFICE 205, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



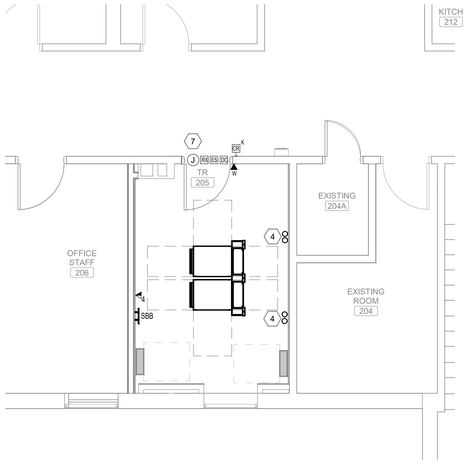
OFFICE 205, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



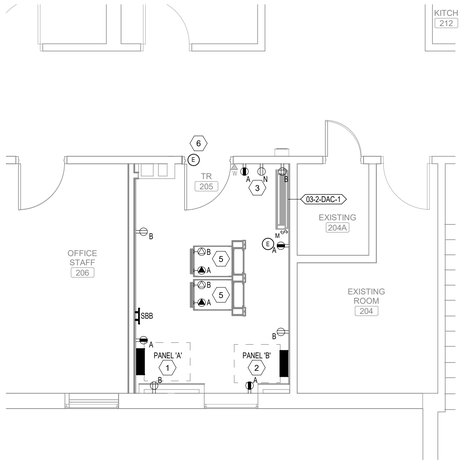
TELECOM ROOM 205, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 205, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 205, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

5 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 003.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE RISER DIAGRAM ON SHEET 003.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 003.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

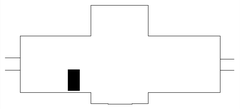
8 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 3, SECOND FLOOR, TELECOM ROOM 205 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 003.ET402

Dwg. 21 of 88

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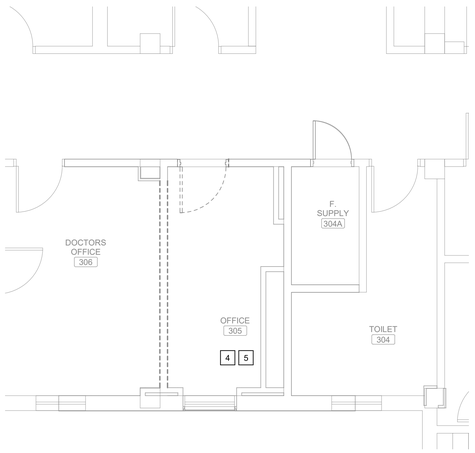
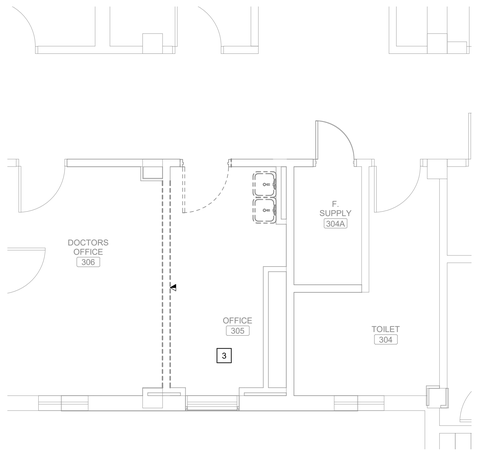


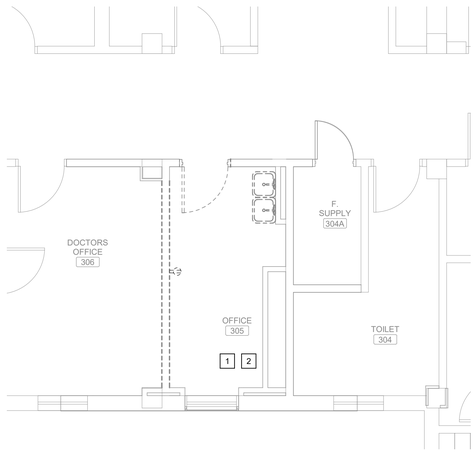
OFFICE 305, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



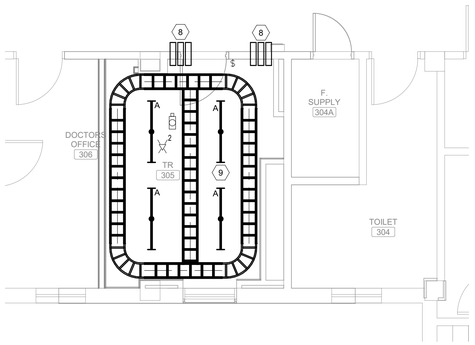
OFFICE 305, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



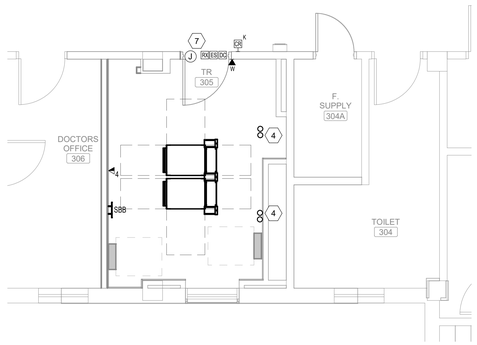
OFFICE 305, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



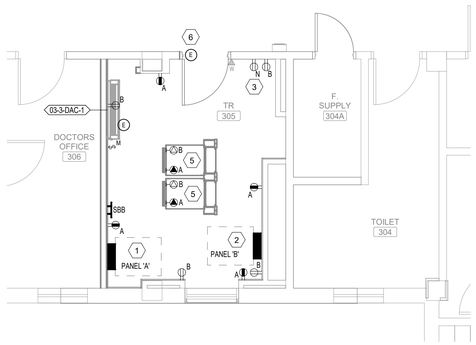
TELECOM ROOM 305, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 305, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 305, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
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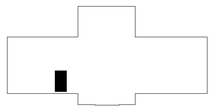
KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 003.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE RISER DIAGRAM ON SHEET 003.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.
4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 003.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.
5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.
6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
8 PROVIDE 2 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.
9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371723, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 35883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 3, THIRD FLOOR, TELECOM ROOM 305 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 003.ET403

Dwg. 22 of 88

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# SHEET 003.ET601 - BUILDING 3 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23
2	2	SEE SPECIFICATION 27 13 23
3	3	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

———————— - CIRCUIT "A"

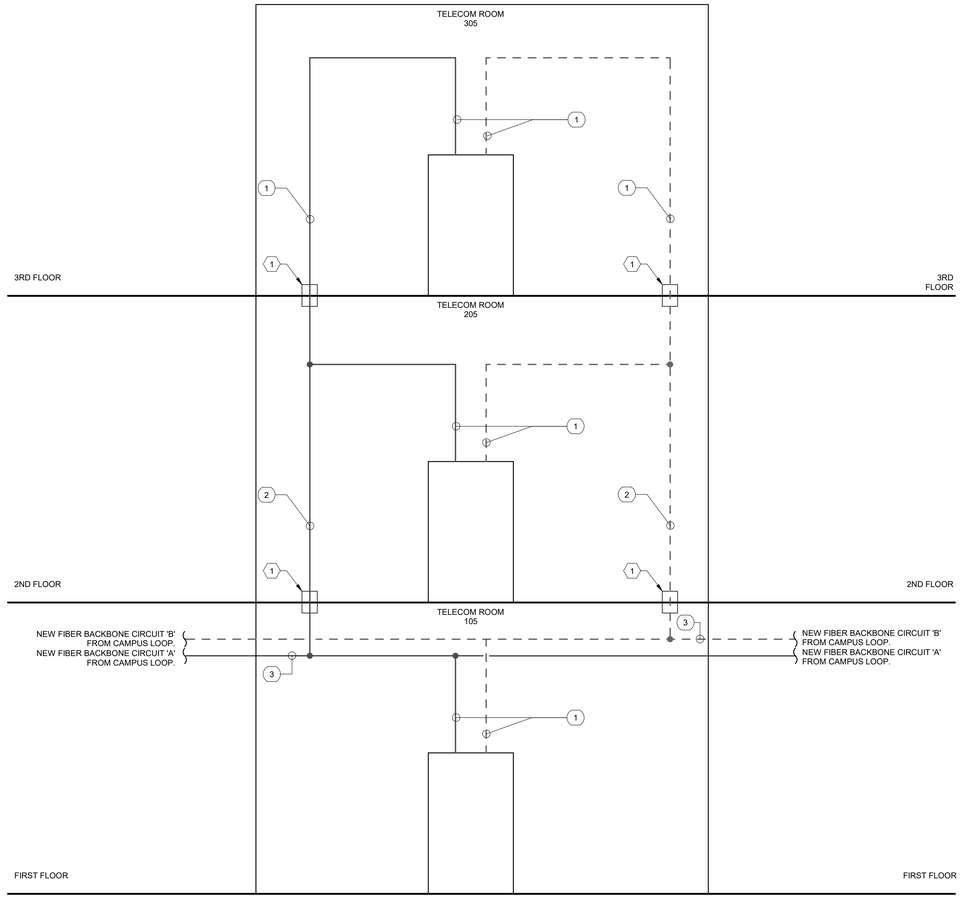
– – – – – – - CIRCUIT "B"

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFRASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.



1 BUILDING 3 FIBER RISER DIAGRAM

Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28, RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38853, PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 3, FIBER RISER DIAGRAM

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved:

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

Drawing Number: 003.ET601

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BUILDING 3 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.

SHEET NOTES:

A. REFERENCE BONDING DETAILS, SHEET 000.ET503.

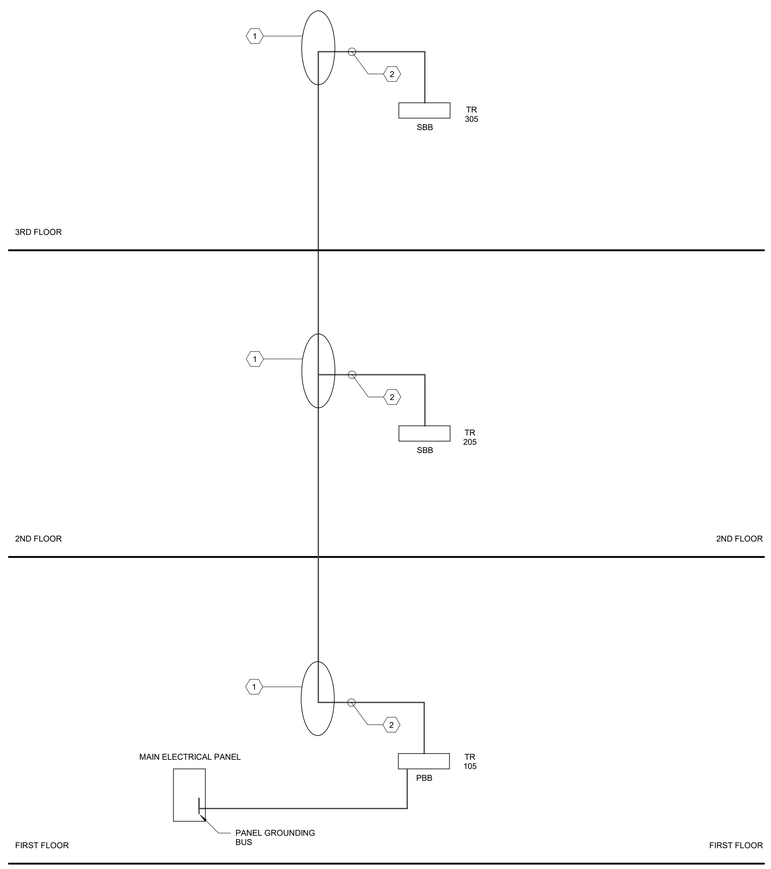
B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 – ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

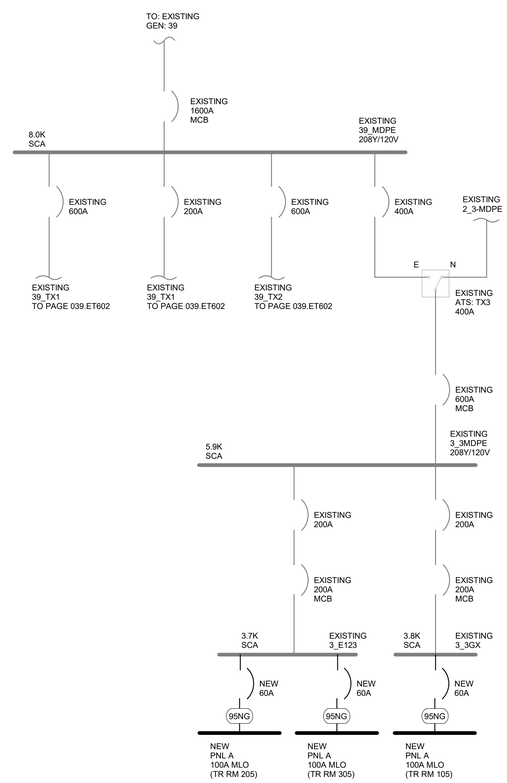
KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

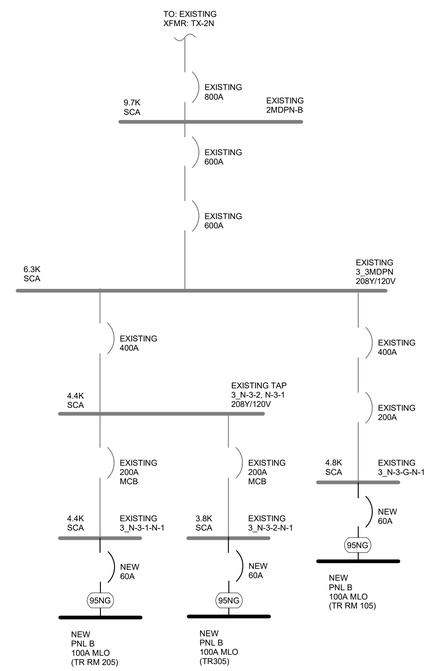
2 PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.



3 BUILDING 3 BONDING RISER
Scale: No Scale



2 BUILDING 3 SINGLE LINE DIAGRAM - EMERGENCY
Scale: No Scale



1 BUILDING 3 SINGLE LINE DIAGRAM - NORMAL
Scale: No Scale

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#	Revisions:	Date

CONSULTANTS:

BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-28, RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853, PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 3, SINGLE LINE AND BONDING RISER DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 003.ET602

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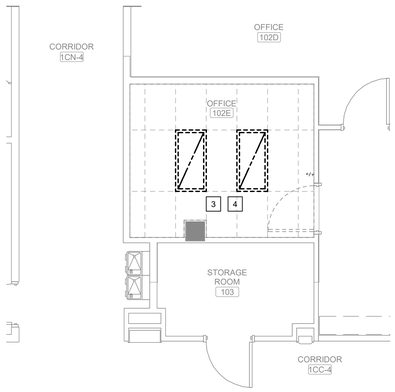
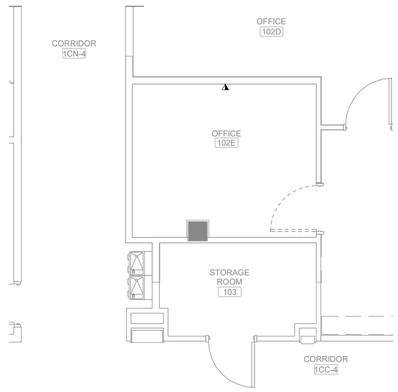


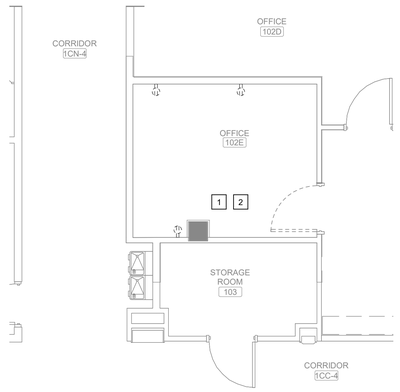
OFFICE 102E, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



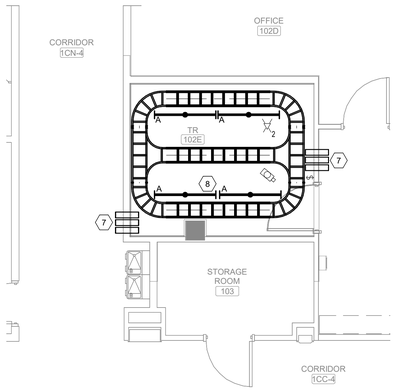
OFFICE 102E, TECNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



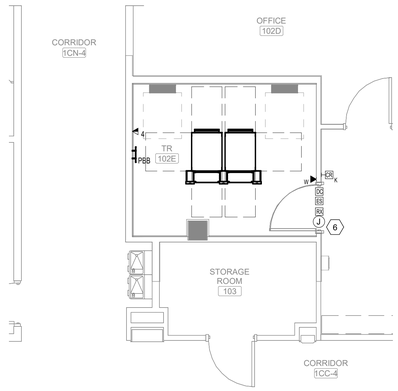
OFFICE 102E, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



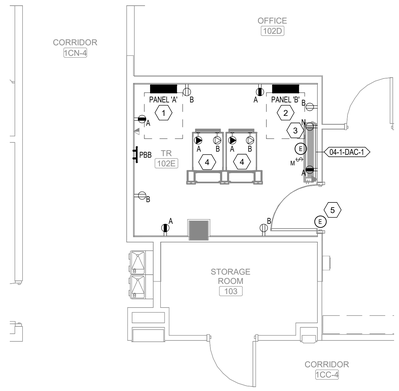
TELECOM ROOM 102E, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 102E, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 102E, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

4 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 004.ET602 AND THE G-SERIES DRAWINGS FOR SOURCE LOCATION. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE RISER DIAGRAM ON SHEET 004.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE 3-12 AWG, 1-1 AWG NEUTRAL AND 1-12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

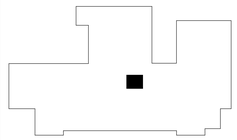
7 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 4, FIRST FLOOR, TELECOM ROOM 102E PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 004.ET401

Dwg. 25 of 88

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SHEET 004.ET601 - BUILDING 4 FIBER RISER SCHEDULE

TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

———— - CIRCUIT "A"

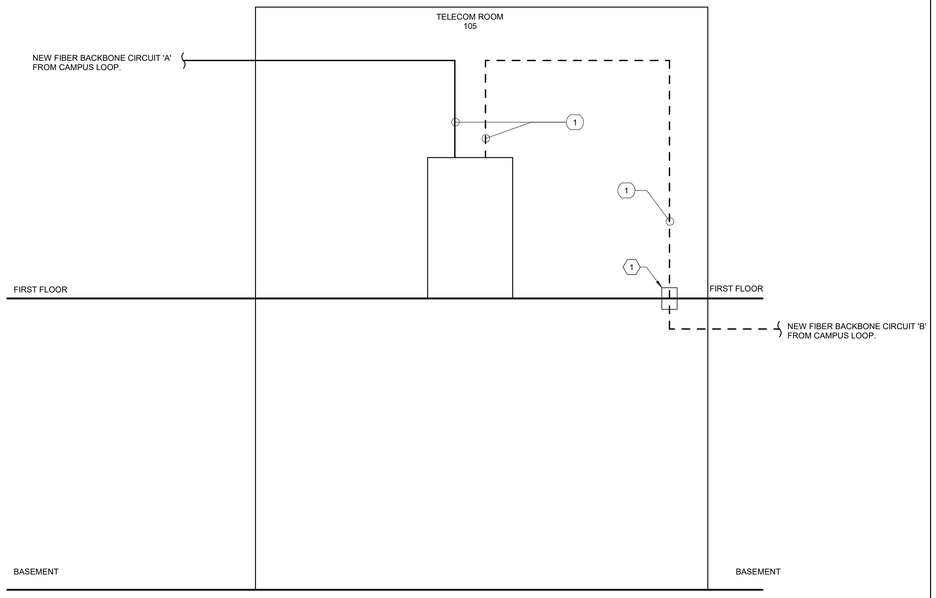
– – – – – – - CIRCUIT "B"

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.



1 BUILDING 4 FIBER RISER DIAGRAM
Scale: No Scale

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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER BICSI Andrew Richards BICSI ID # 377721 EXPIRES 12-31-28 RCDD 3/23/2026

STATE OF LOUISIANA KEVIN T. KUBLANK License No. 36853 PROFESSIONAL ENGINEER 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 4, FIBER RISER DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

Drawing Number: 004.ET601

Dwg. 26 of 88

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VA FORM 08-6231

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BUILDING 4 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.

SHEET NOTES:

A. REFERENCE BONDING DETAILS, SHEET 000.ET503.

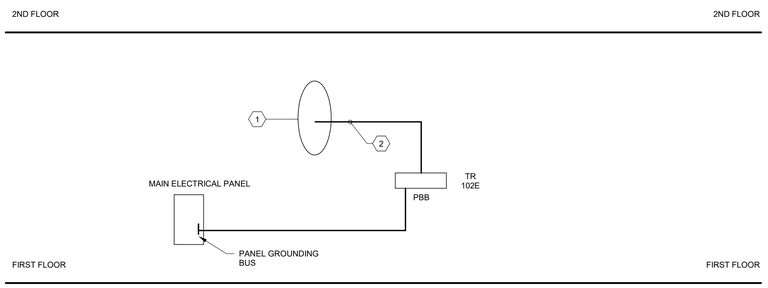
B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 - ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

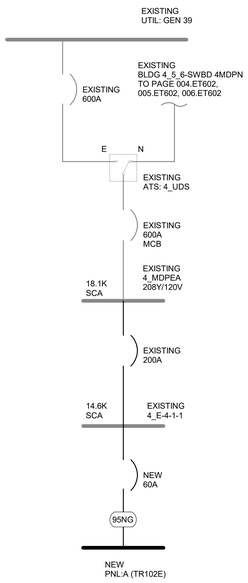
KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

2 PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.



3 **BUILDING 4 BONDING RISER**
Scale: No Scale



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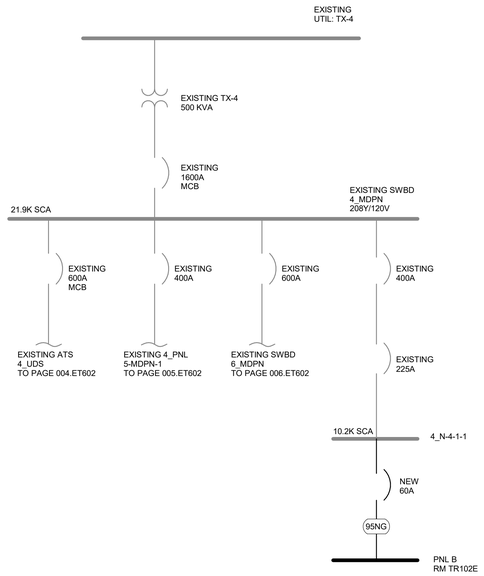

1 **BUILDING 4 SINGLE LINE DIAGRAM - NORMAL**
Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
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Andrew Richards
BICSI ID # 377721
EXPIRES 12-31-28
RCDD
3/23/2026

STATE OF LOUISIANA
KEVIN T. KUBLANK
License No. 38853
PROFESSIONAL ENGINEER
3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE
Engineers | Architects

Headquarters:
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www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 4, SINGLE LINE AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM
2495 SHREVEPORT HWY, 71N
PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 004.ET602

Dwg. 27 of 88

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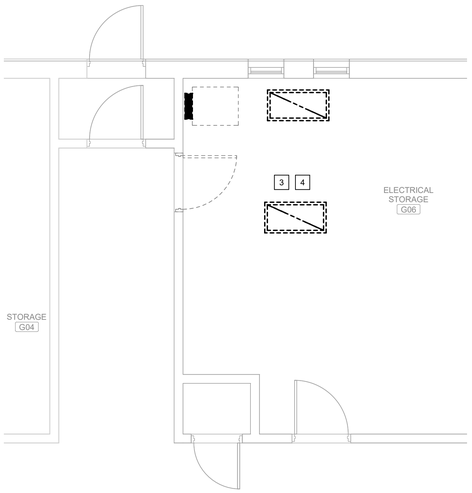
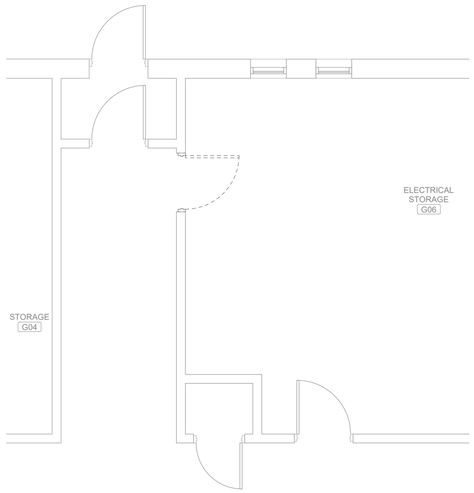


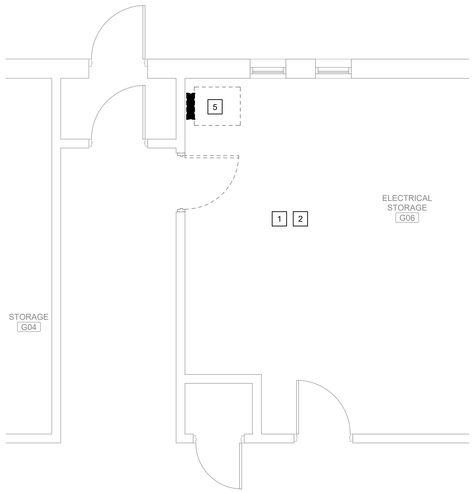
ELECTRICAL STORAGE G06, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



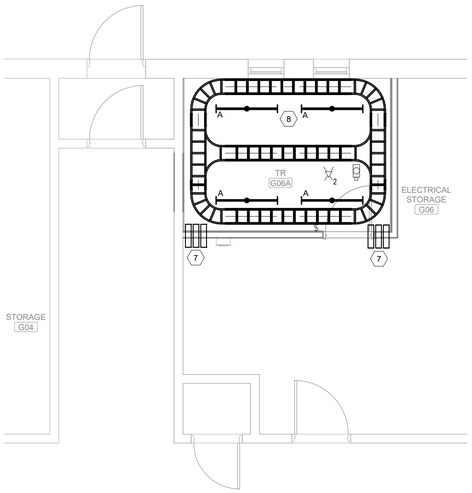
ELECTRICAL STORAGE G06, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



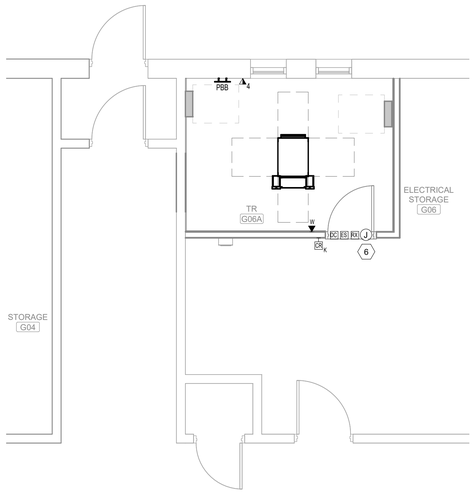
ELECTRICAL STORAGE G06, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



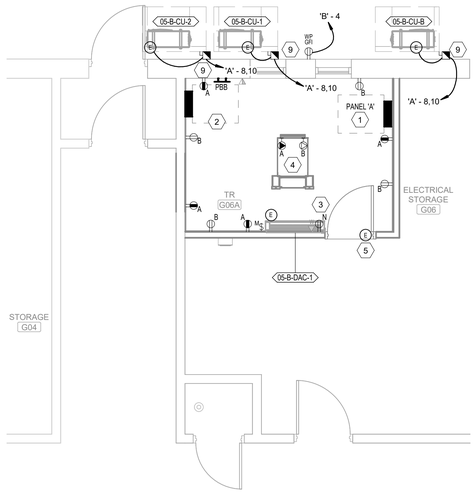
TELECOM ROOM G06A, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM G06A, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM G06A, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

4 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

5 DE-ENERGIZED ELECTRICAL EQUIPMENT TO BE DEMOLISHED. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBAORD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 005.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE RISER DIAGRAM ON SHEET 005.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

5 PROVIDE 120V POWER FOR DOOR SECURITY HAROWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 PROVIDE 2 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

9 PROVIDE NEMA 3R 30A FUSED DISCONNECT AND CODE REQUIRED WP GFI OUTLET. POWER CONDENSING UNIT FROM PANEL 'A' OF THE TR THAT IT IS SERVING. USE 2P-20A CIRCUIT BREAKER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI Registered Communications Distribution Designer — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

State of Louisiana — Kevin T. Kublank, License No. 36853 — Professional Engineer — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 5, BASEMENT FLOOR, TELECOM ROOM G06A PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 005.ET401

Dwg. 28 of 88

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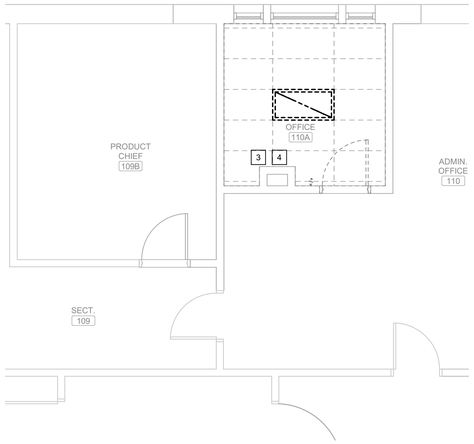
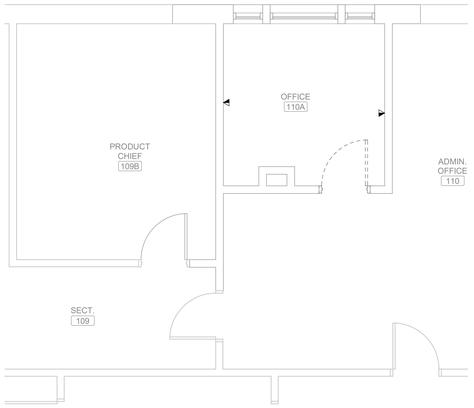
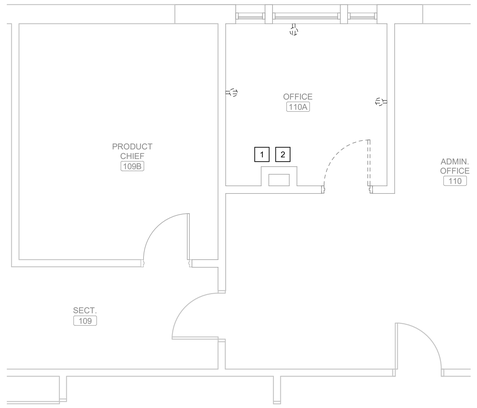


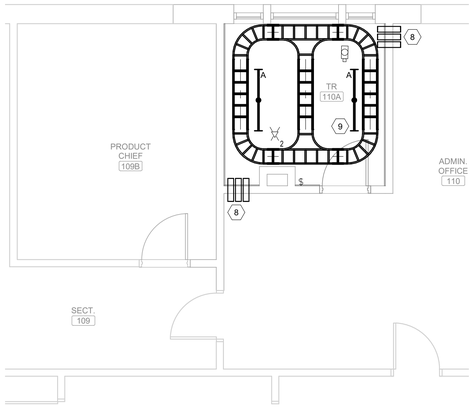
OFFICE 110A, CEILING DEMOLITION PLAN
Scale: 1/4" = 1'-0"



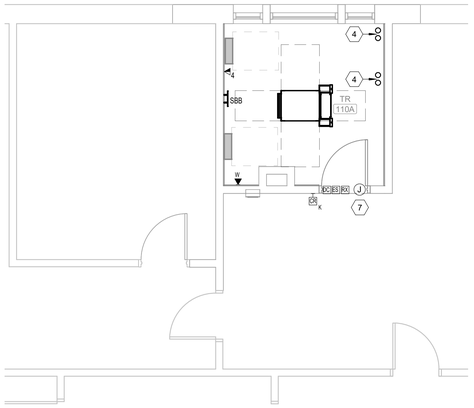
OFFICE 110A, TECHNOLOGY DEMOLITION PLAN
Scale: 1/4" = 1'-0"



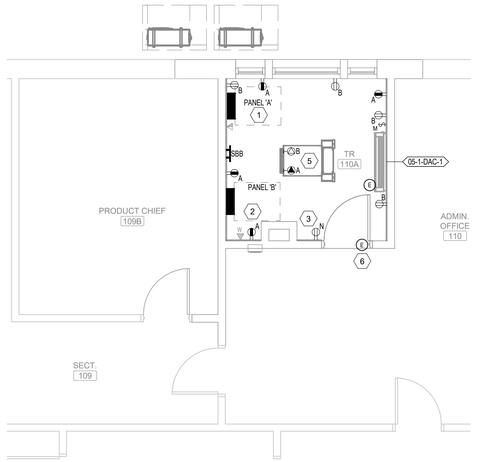
OFFICE 110A, POWER DEMOLITION PLAN
Scale: 1/4" = 1'-0"



TELECOM ROOM 110A, CEILING PLAN
Scale: 1/4" = 1'-0"



TELECOM ROOM 110A, TECHNOLOGY PLAN
Scale: 1/4" = 1'-0"



TELECOM ROOM 110A, POWER PLAN
Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
3 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
4 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
5 DE-ENERGIZED ELECTRICAL EQUIPMENT TO BE DEMOLISHED. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBAORD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 005.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE RISER DIAGRAM ON SHEET 005.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.
4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 005.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.
5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.
6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
8 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.
9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 5, FIRST FLOOR, TELECOM ROOM 110A PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 005.ET402

Dwg. 29 of 88

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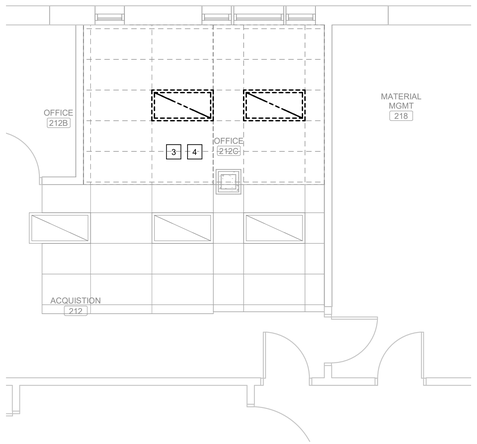
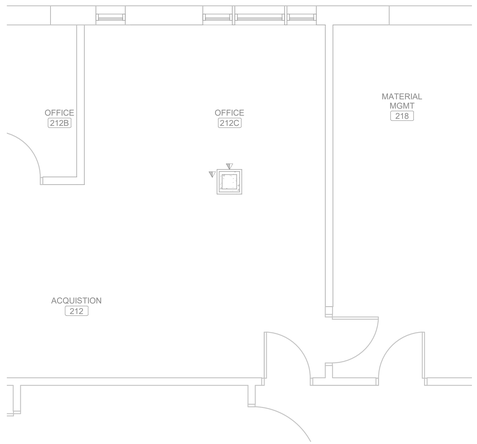
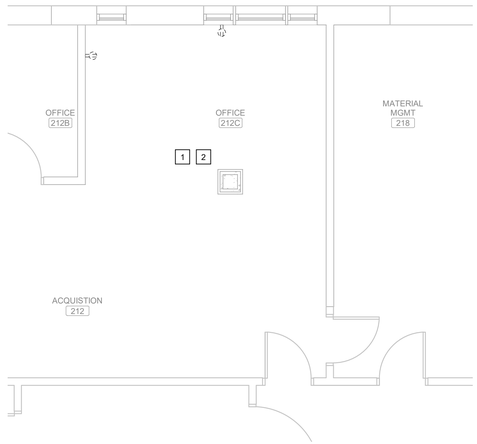


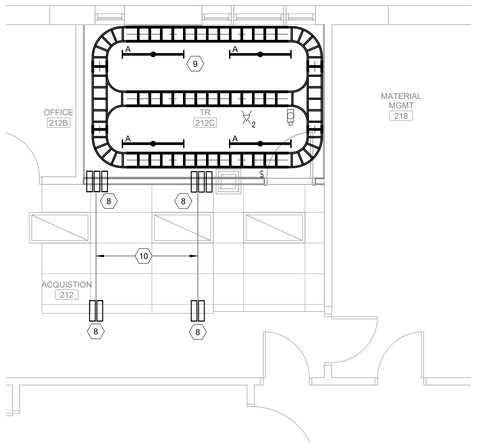
OFFICE 212C, CEILING DEMOLITION PLAN
Scale: 1/4" = 1'-0"



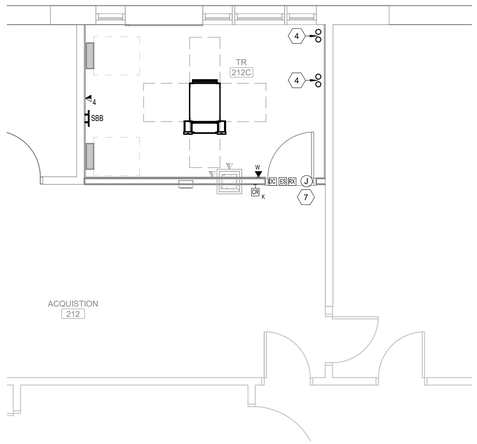
OFFICE 212C, TECHNOLOGY DEMOLITION PLAN
Scale: 1/4" = 1'-0"



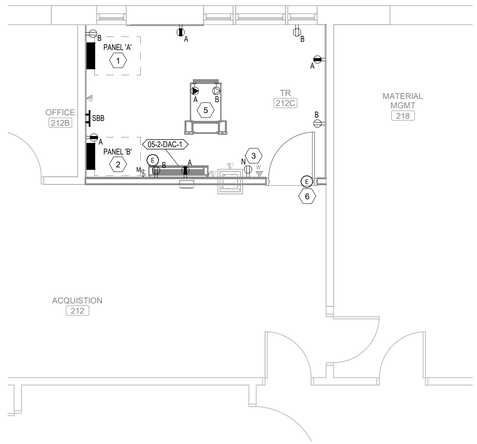
OFFICE 212C, POWER DEMOLITION PLAN
Scale: 1/4" = 1'-0"



TELECOM ROOM 212C, CEILING PLAN
Scale: 1/4" = 1'-0"



TELECOM ROOM 212C, TECHNOLOGY PLAN
Scale: 1/4" = 1'-0"



TELECOM ROOM 212C, POWER PLAN
Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

4 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

5 DE-ENERGIZED ELECTRICAL EQUIPMENT TO BE DEMOLISHED. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBAORD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 005.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE RISER DIAGRAM ON SHEET 005.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 005.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

8 PROVIDE 2 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

10 USE WIRE BASKET OR EMT TO BRIDGE ACROSS OVER ROOM.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 5, SECOND FLOOR, TELECOM ROOM 212C PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 005.ET403

Dwg. 30 of 88

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VA FORM 08-6231

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# SHEET 005.ET601 - BUILDING 5 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23
3	3	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

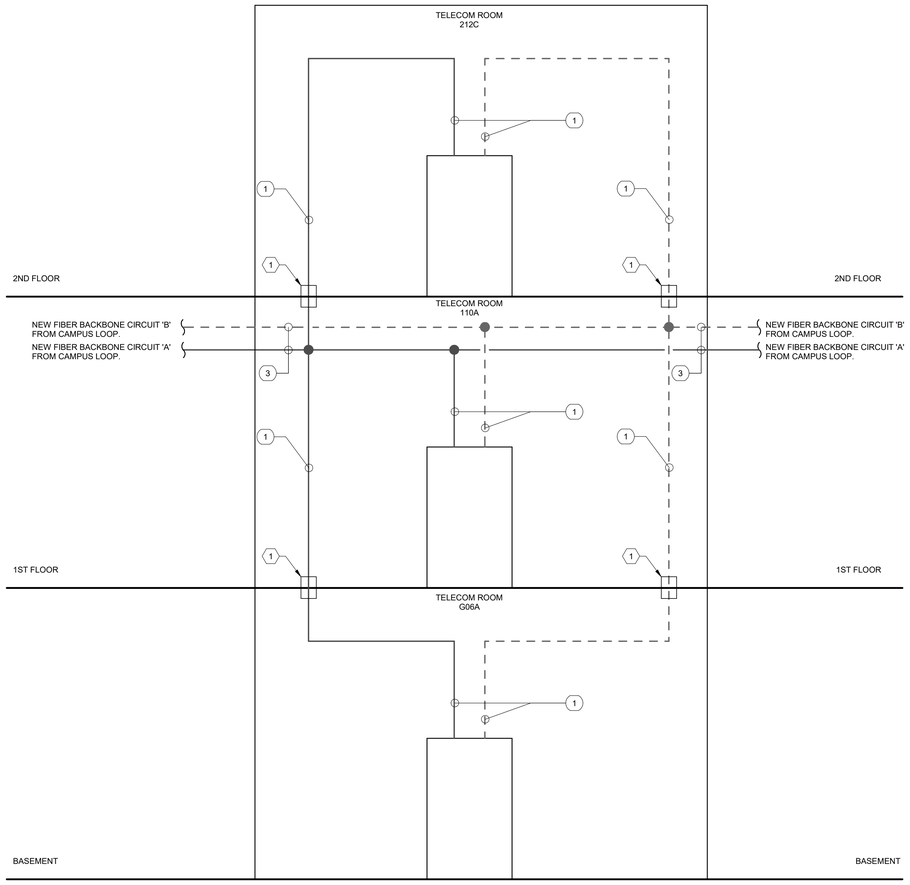
- CIRCUIT "A"
- CIRCUIT "B"

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.



1 **BUILDING 5 FIBER RISER DIAGRAM**
Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 5, FIBER RISER DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 005.ET601

Dwg. 31 of 88

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VA FORM 08-6231

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BUILDING 5 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.

SHEET NOTES:

A. REFERENCE BONDING DETAILS, SHEET 000.ET503.

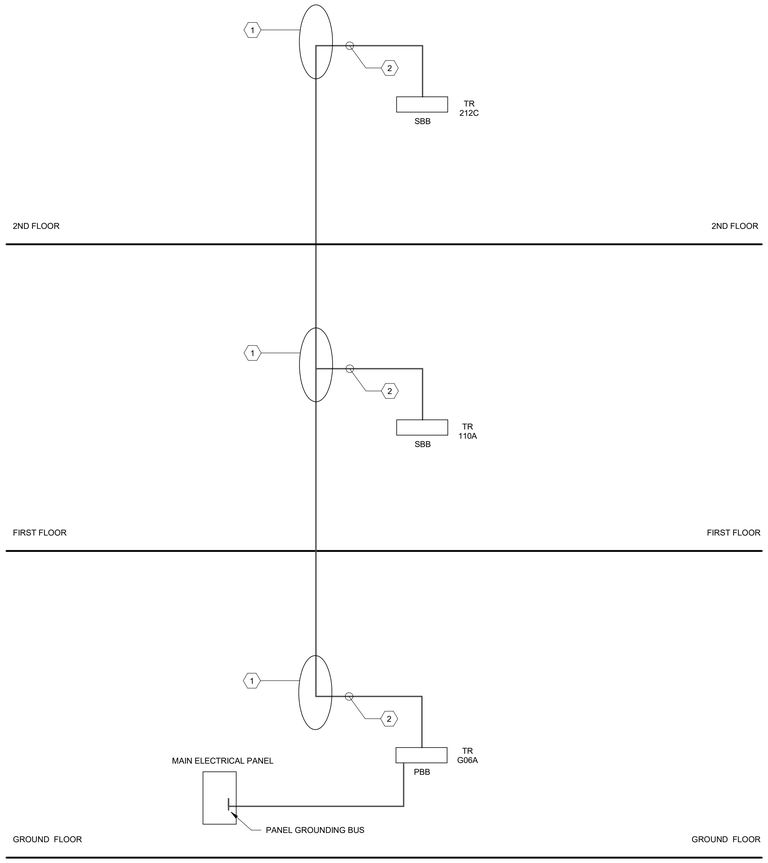
B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 - ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

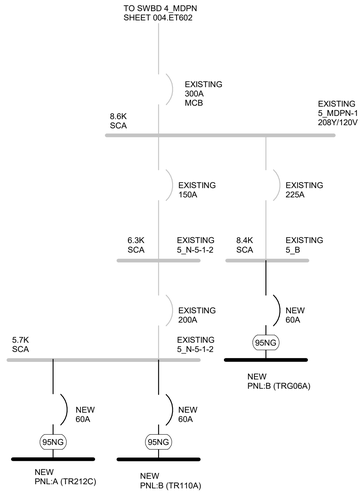
KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

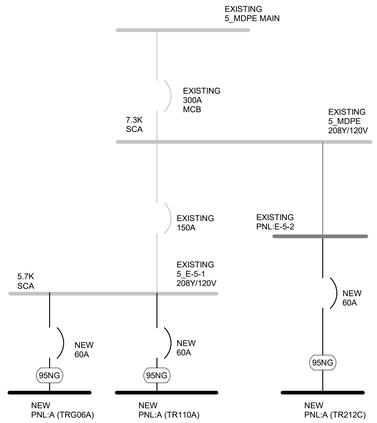
2 PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.



3 BUILDING 5 BONDING RISER
Scale: No Scale



1 BUILDING 5 SINGLE LINE DIAGRAM - NORMAL
Scale: No Scale



2 BUILDING 5 SINGLE LINE DIAGRAM - EMERGENCY
Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 5, SINGLE LINE AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 005.ET602

Dwg. 32 of 88

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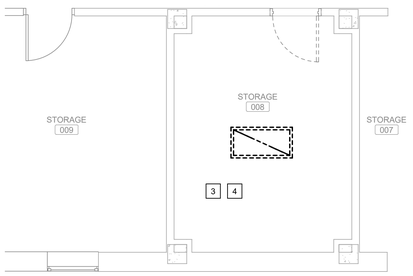
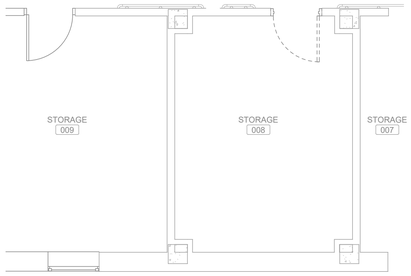


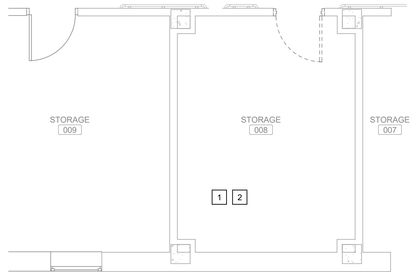
STORAGE ROOM 008, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



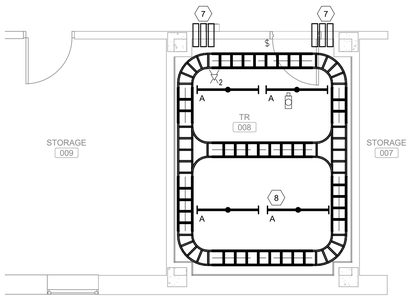
STORAGE ROOM 008, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



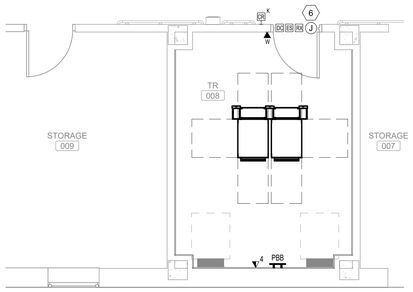
STORAGE ROOM 008, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



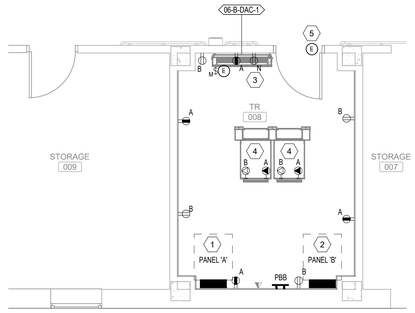
TELECOM ROOM 008, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 008, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 008, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

4 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 006.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO G-SERIES DRAWINGS FOR SOURCE LOCATION. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 PROVIDE 2 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
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Cary, North Carolina 27511

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 6, BASEMENT FLOOR, TELECOM ROOM 008 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 006.ET401

Dwg. 33 of 88

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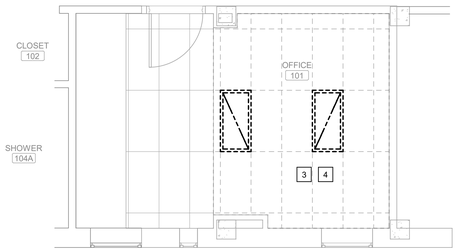
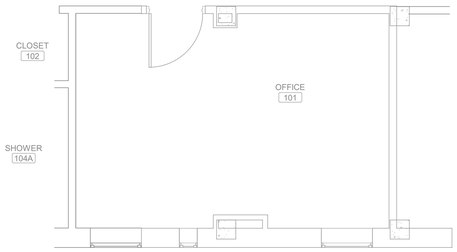


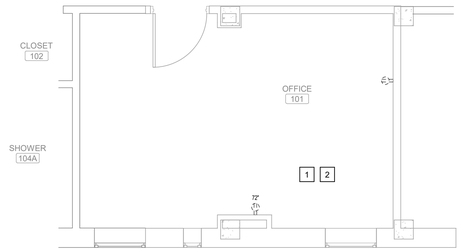
OFFICE 101, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



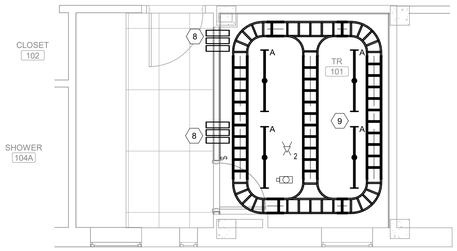
OFFICE 101, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



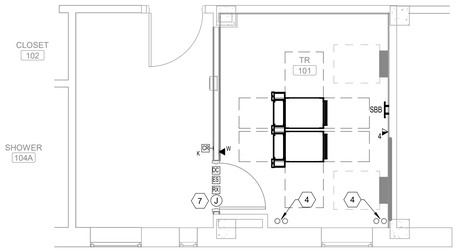
OFFICE 101, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



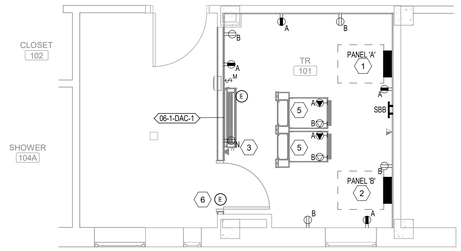
TELECOM ROOM 101, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 101, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 101, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

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KEY NOTES:

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2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO G-SERIES DRAWINGS FOR SOURCE LOCATION. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 006.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

8 PROVIDE 2 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI Andrew Richards BICSI ID # 377721 EXPIRES 12-31-26 — 3/23/2026

KEVIN T. KUBLANK License No. 36853 — 3/23/2026

PROJECT MANAGER

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 6, FIRST FLOOR, TELECOM ROOM 101 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 006.ET402

Dwg. 34 of 88

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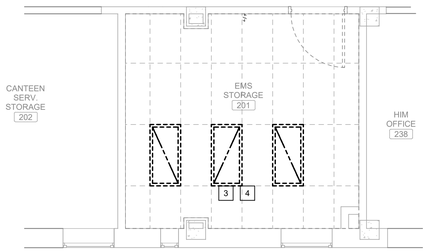
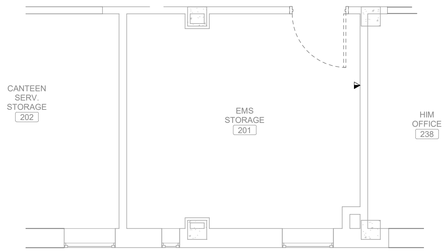


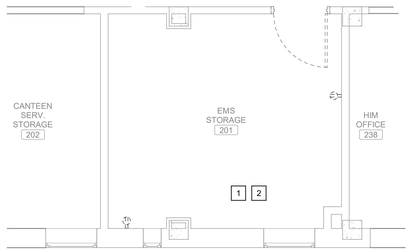
EMS STORAGE 201, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



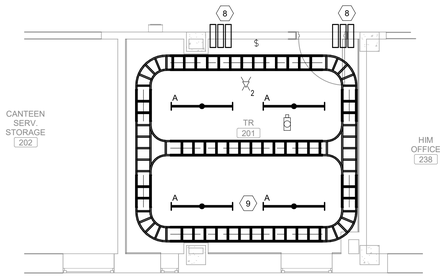
EMS STORAGE 201, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



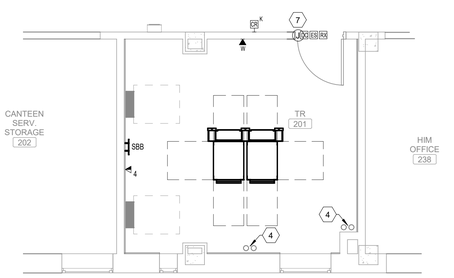
EMS STORAGE 201, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



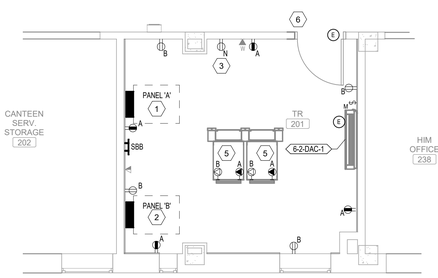
TELECOM ROOM 201, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 201, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 201, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

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G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

4 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 006.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO G-SERIES DRAWINGS FOR SOURCE LOCATION. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 006.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

8 PROVIDE 2 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26, RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883, PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 6, SECOND FLOOR, TELECOM ROOM 201 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 006.ET403

Dwg. 35 of 88

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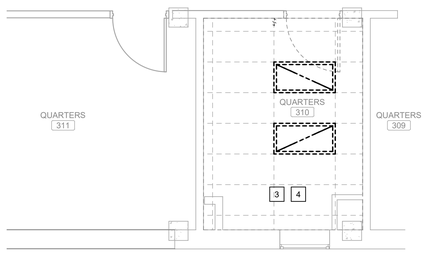
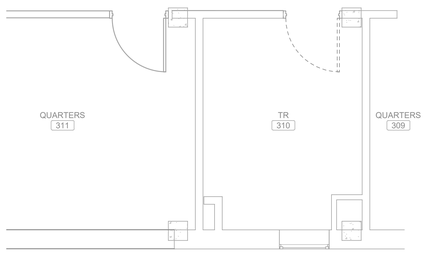


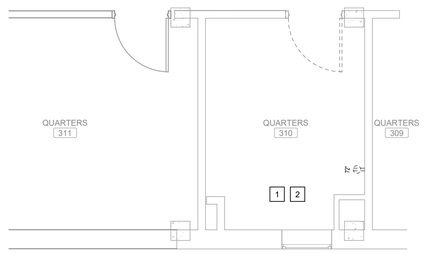
QUARTERS 310, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



QUARTERS 310, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



QUARTERS 310, POWER DEMOLITOIN PLAN

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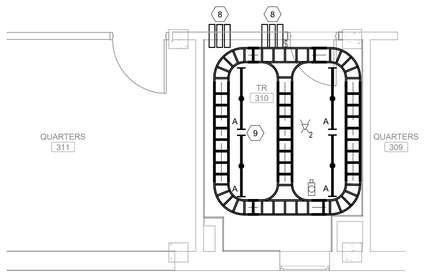
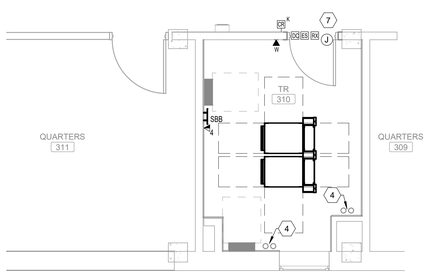


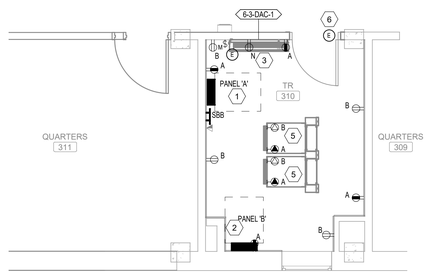
TELECOM ROOM 310, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 310, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 310, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

4 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 006.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO G-SERIES DRAWINGS FOR SOURCE LOCATION. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 006.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

8 PROVIDE 2 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
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Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 6, THIRD FLOOR, TELECOM ROOM 310 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 006.ET404

Dwg. 36 of 88

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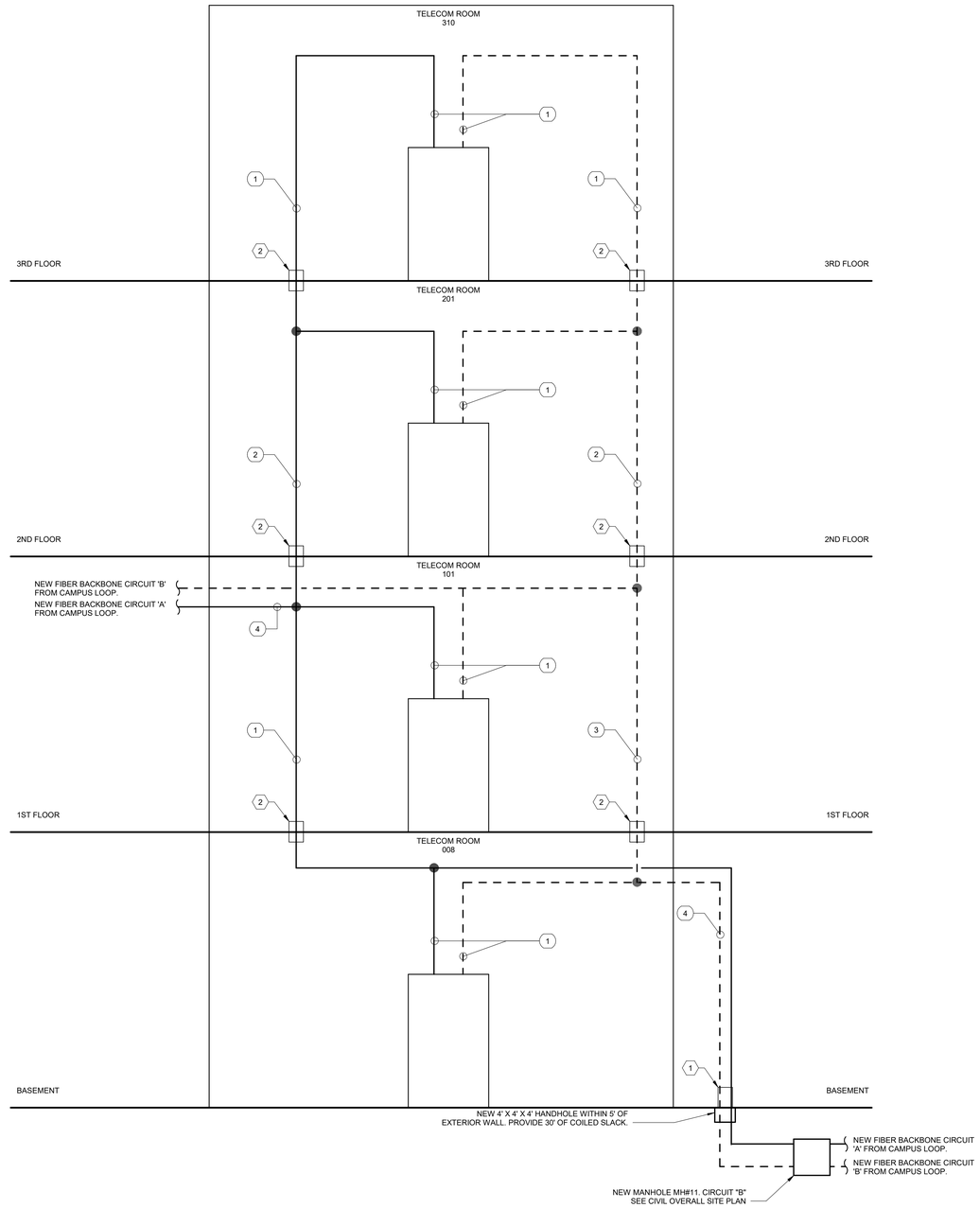
# SHEET 006.ET601 - BUILDING 6 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1		SEE SPECIFICATION 27 13 23
2	2	SEE SPECIFICATION 27 13 23
3	3	SEE SPECIFICATION 27 13 23
4	4	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

- CIRCUIT "A"
- CIRCUIT "B"



1 BUILDING 6 FIBER RISER DIAGRAM
Scale: No Scale

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1 PROVIDE (4) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.

2 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Andrew Richards, BICSI ID # 277721, EXPIRES 12-31-28, RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883, PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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Cary, North Carolina 27511
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 6, FIBER RISER DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

Drawing Number: 006.ET601

Dwg. 37 of 88

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BUILDING 6 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.

SHEET NOTES:

A. REFERENCE BONDING DETAILS, SHEET 000.ET503.

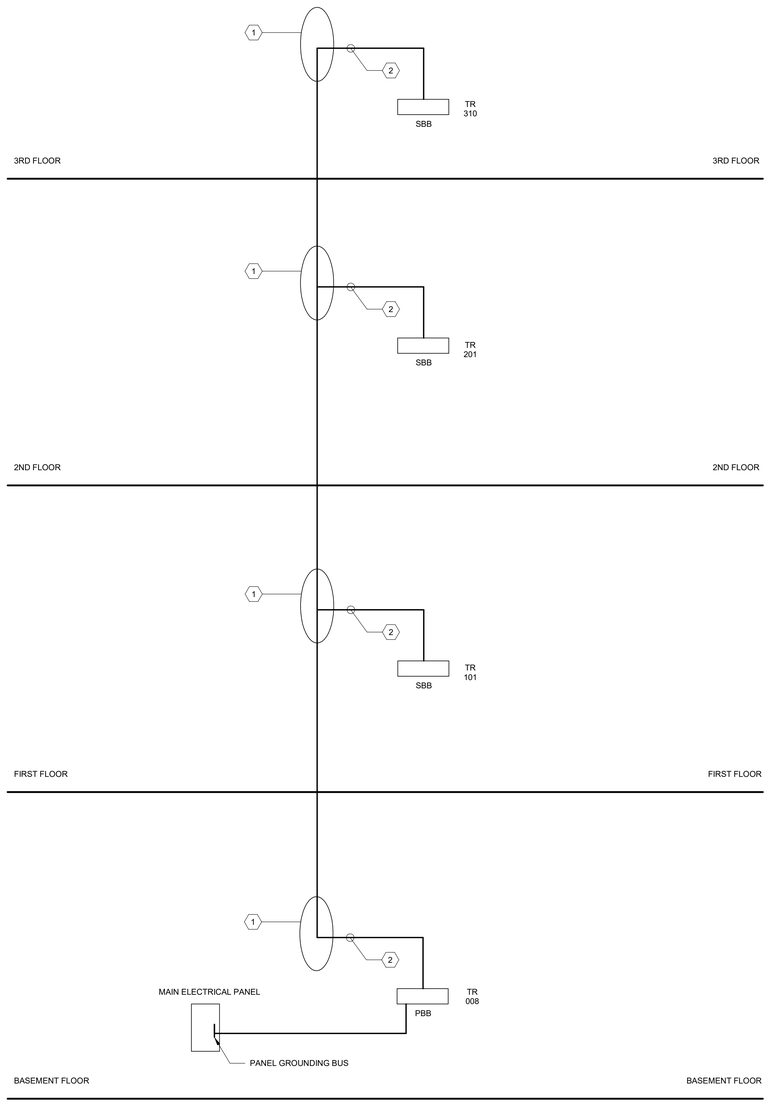
B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 - ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

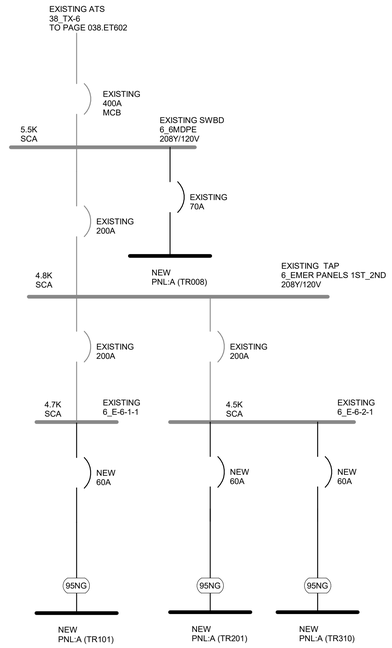
KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

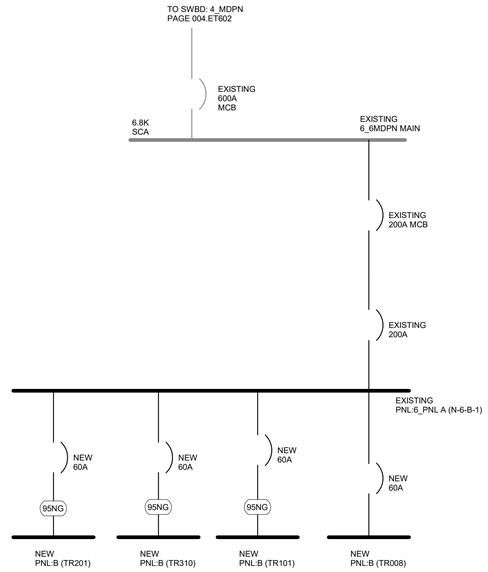
2 PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.



3 BUILDING 6 BONDING RISER
Scale: No Scale



2 BUILDING 6 SINGLE LINE DIAGRAM - EMERGENCY
Scale: No Scale



1 BUILDING 6 SINGLE LINE DIAGRAM - NORMAL
Scale: No Scale

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#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards — BICSI ID # 377721 — EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 6, SINGLE LINE AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 006.ET602

Dwg. 38 of 88

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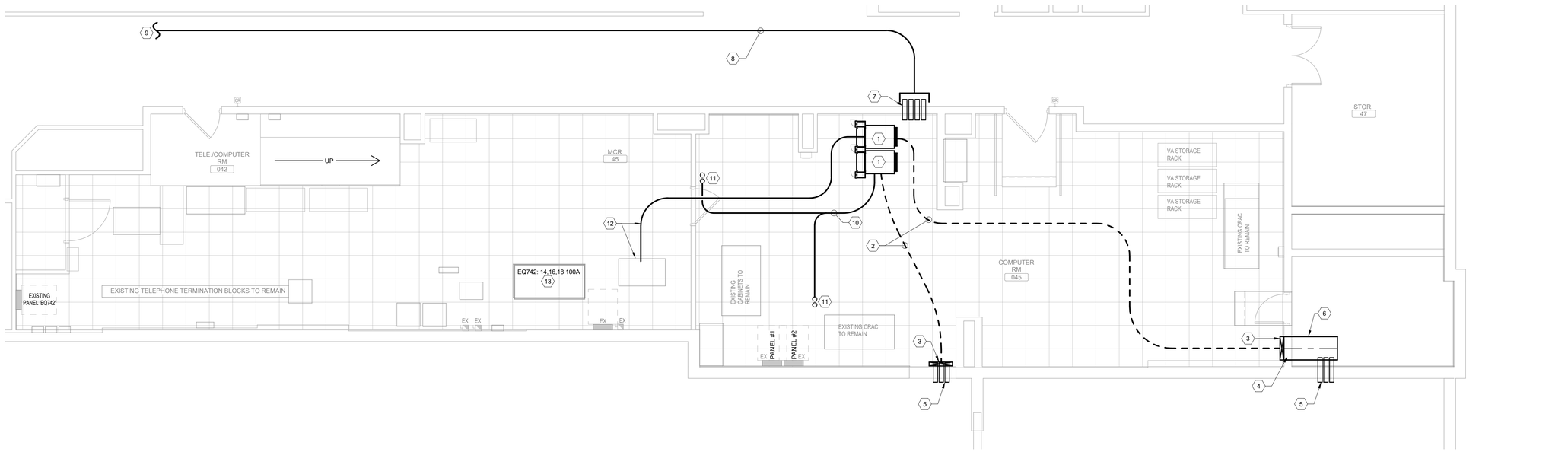


1 BASEMENT LEVEL, MAIN COMPUTER ROOM 42, POWER AND TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"

0 2 4 8 NORTH

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT, GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. THIS ROOM IS THE MAIN COMPUTER ROOM AND CONTAINS CRITICAL INFRASTRUCTURE FRO OPERATION OF THE ACTIVE HOSPITAL AND SOME REGIONAL OPERATIONS INCLUDING LIFE SAFETY CRITICAL INFRASTRUCTURE. CARE MUST BE TAKEN AT ALL TIMES WITH ALL COMPONENTS WITHIN THIS SPACE

H. NEW PoE CAMERAS TO BE CONNECTED TO EXISTING SSTV HEADEND EQUIPMENT IN THE AREA WITH CAT 6A CABLE.

I. MDA TO HDA FACTORY PRE-TERMINATED ENDPOINTS FOR DATA CENTER PATCH CABLE FIBER (IN THE MDAS) ARE AVAILABLE OR CONSIDERED WHEN THE BACKBONE IS PULLED. DATA CENTER GRID LINES AND CEILING HEIGHT ARE CRITICAL FOR DETERMINING PATCH CABLE LENGTH. STRUCTURED CABLING SYSTEMS ARE SPECIFIED (DIV 27 10 00).

J. REFER TO GENERAL SEQUENCING NOTES AND TELECOM SEQUENCING NOTES, SHEET 000.ET002, FOR ADDITIONAL INFORMATION.

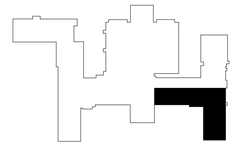
KEY NOTES:

1. PROVIDE NEW CHANNEL RACK AND VERTICAL WIRE MANAGEMENT FOR NEW FIBER AGGREGATION.
2. RUN FIBER CABLE UNDER RAISED FLOOR FROM LADDER TRAY TO CHANNEL RACK.
3. PROVIDE NEW CABLE LADDER ATTACHED TO WALL. RUN FIBER CABLING DOWN CABLE LADDER. PROVIDE FLOOR TILE WITH AIR DAMM FOR CABLE PASSTHROUGH UNDER RAISED FLOOR.
4. CORE DRILL AND PROVIDE SLOT FOR 24" X 6" CABLE TRAY TO PASS THROUGH WALL.
5. CORE DRILL AND PROVIDE SIX (6) 4" CONDUIT SLEEVES FOR FIBER CABLING TO PASS THROUGH FROM THE CRAWLSPACE TO THE MCR.
6. PROVIDE 24" X 6" WIRE BASKET CABLE TRAY.
7. CORE DRILL AND PROVIDE FOUR (4) STI EZ PATH 44+ OR APPROVED EQUIVALENT. COORDINATE HEIGHT WITH ADJACENT DROP IN CEILING.
8. RUN FIBER CABLE ABOVE DROP CEILING. PROVIDE J-HOOKS 5'-0" (AT A MINIMUM) ON CENTER.
9. FIBER CABLING TO TR 017.
10. RUN NEW FIBER CABLING ABOVE DROP IN CEILING. PROVIDE J-HOOKS (AT A MINIMUM) 5'-0" OC.
11. CORE DRILL AND PROVIDE TWO (2) STI EZ PATH 44+ OR APPROVED EQUIVALENT UP TO TR 1A-184A IN THIS APPROXIMATE AREA ABOVE ON FIRST FLOOR. COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS.
12. EXISTING MDA TO REMAIN. PATCH NEW FIBER CABLE TO EXISTING CORE SWITCHES IN MDA.
13. DISCONNECT EXISTING CRAC AND REPLACE WITH NEW. RETAIN CIRCUIT FOR RE-USE WITH NEW CRAC.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

- 1 HR - FIRE SEPARATION
- 2 HR - FIRE SEPARATION
- SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT LEVEL, MAIN COMPUTER ROOM 42, POWER AND TECHNOLOGY PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET400A

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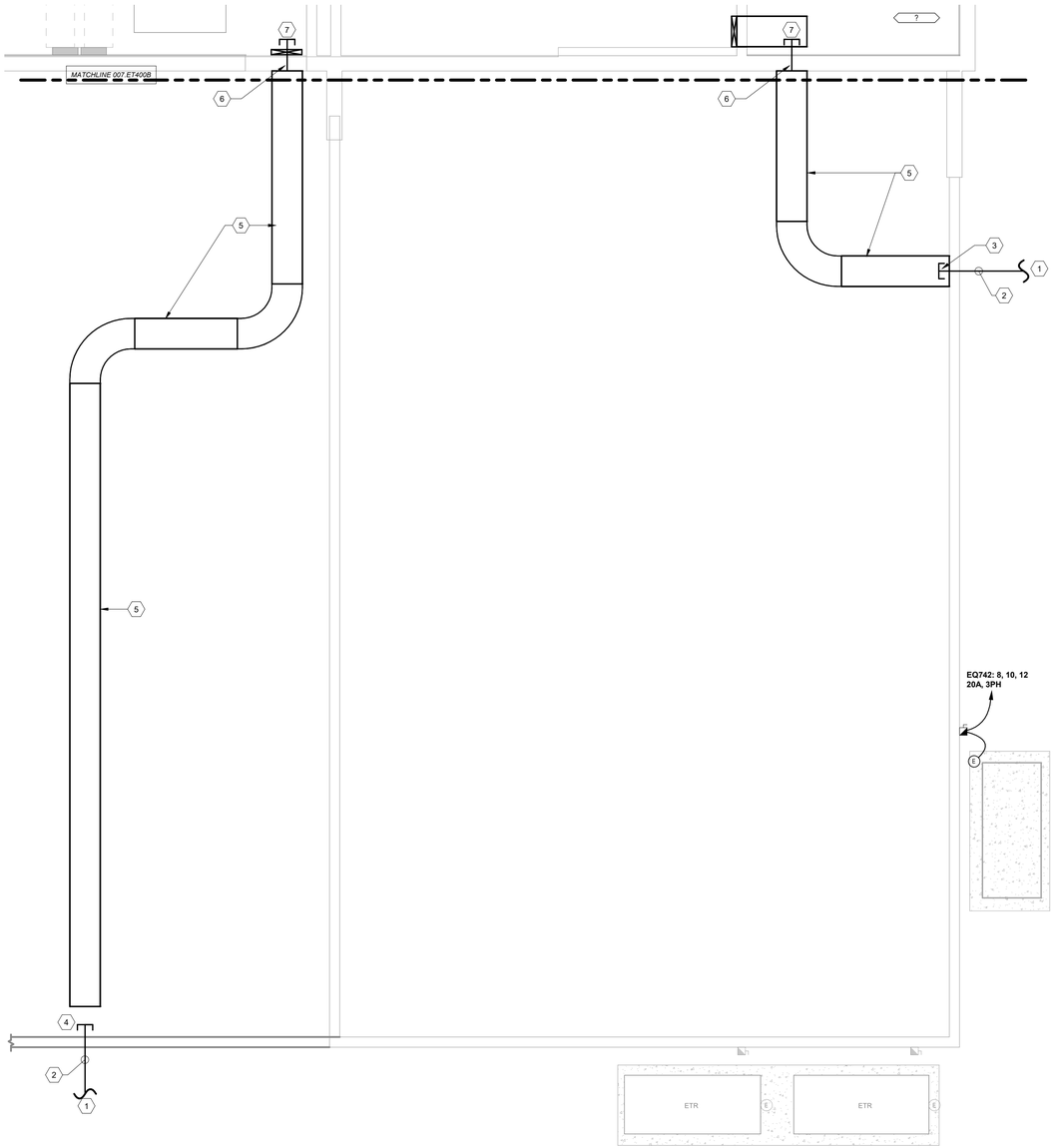
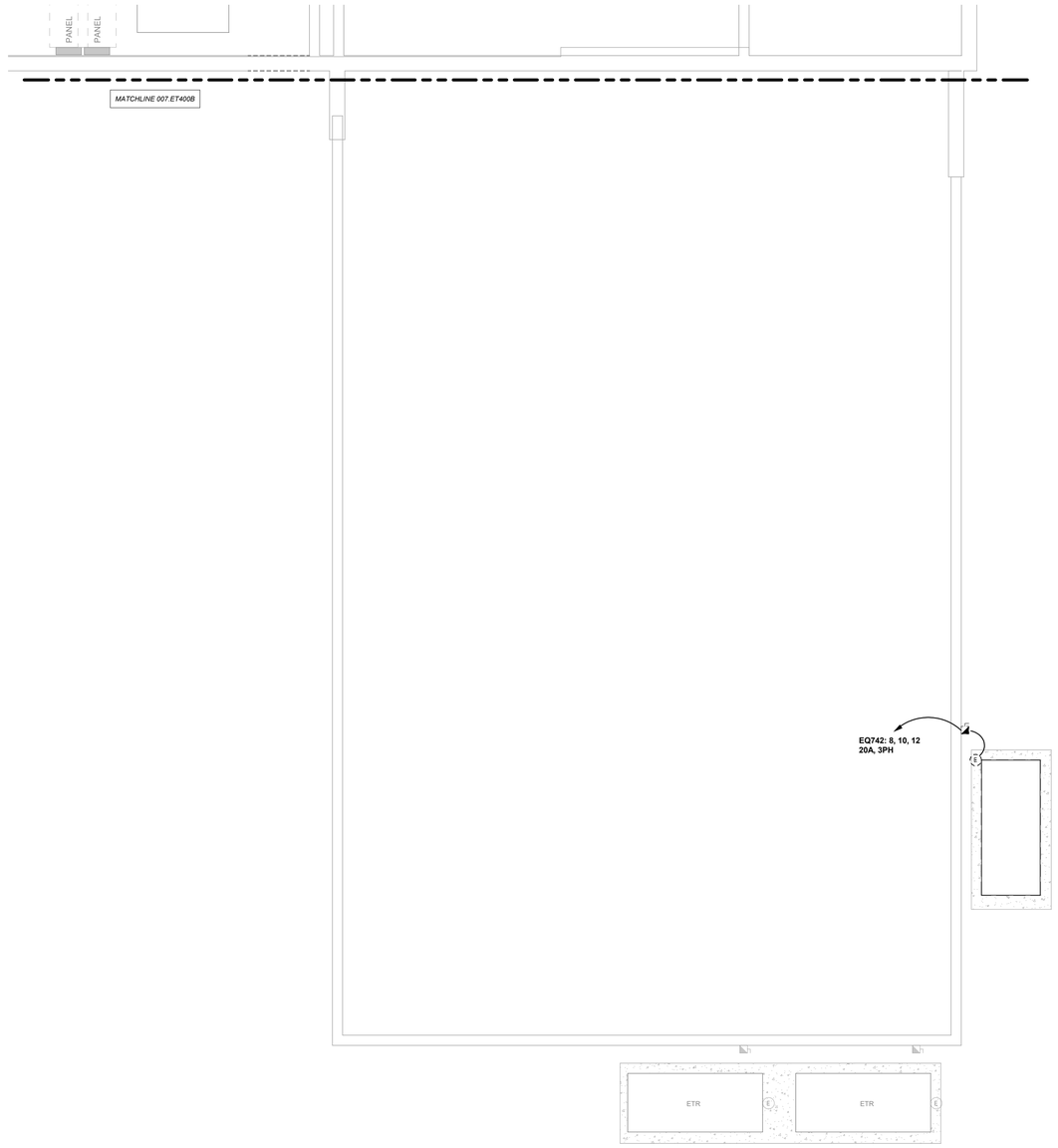


2 BASEMENT EXTENSION - POWER PLAN

Scale: 1/4" = 1'-0"



1 BASEMENT EXTENSION - POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"

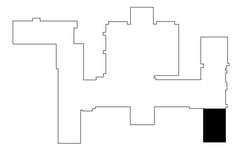
KEY NOTES:

1. SEE CIVIL DRAWINGS FOR CONTINUATION.
2. PROVIDE 6-4" CONDUITS FOR UNDERGOUND DUCT BANK.
3. STUB CONDUITS INTO SPACE. PROVIDE ALL SEALANT TO ELIMINATE WATER AND MOISTURE INFILTRATION.
4. STUB UP CONDUIT THROUGH CONCRETE FLOOR AND INTO CRAWL SPACE. CONTINUE FIBER CABLING FROM CONDUIT PATHWAY ONTO CABLE TRAY.
5. PROVIDE 24" X 6" WIRE BASKET CABLE TRAY. SUSPEND FROM CEILING. VERIFY FIELD CONDITIONS PRIOR TO ROUGH IN.
6. DRILL THROUGH CMU WALL INTO MCR. PROVIDE STI EZ PATH 44+ OR APPROVED EQUIVALENT.
7. STUB CONDUIT INTO MCR. CONTINUE FIBER CABLING INTO MCR.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

- 1 HR - FIRE SEPARATION
- 2 HR - FIRE SEPARATION
- SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT LEVEL, MAIN COMPUTER ROOM 42, POWER AND DEMO PLAN

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET400B

Dwg. 40 of 88

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VA FORM 08-6231

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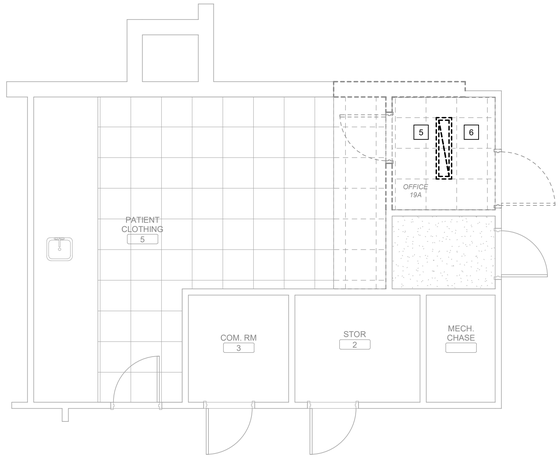
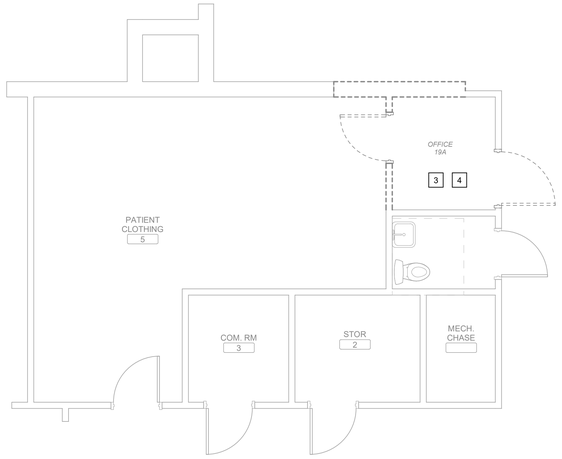


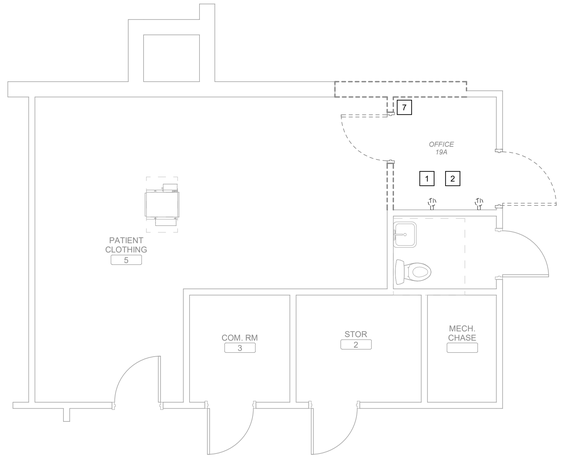
OFFICE 19A, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



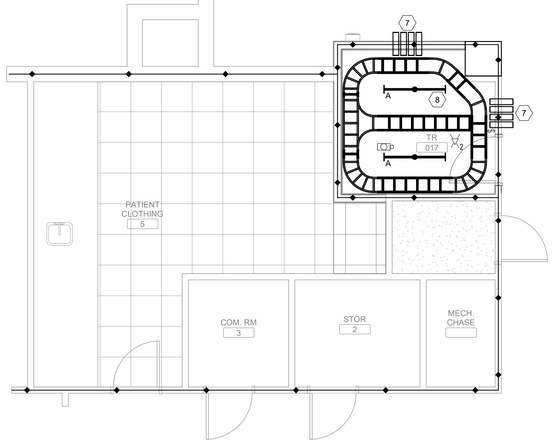
OFFICE 19A, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



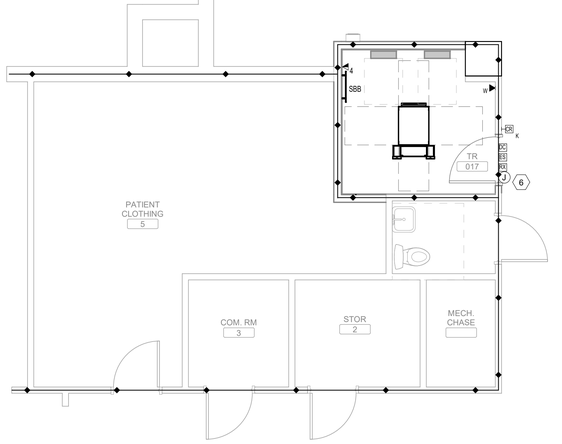
OFFICE 19A, ELECTRICAL DEMOLITION PLAN

Scale: 1/4" = 1'-0"



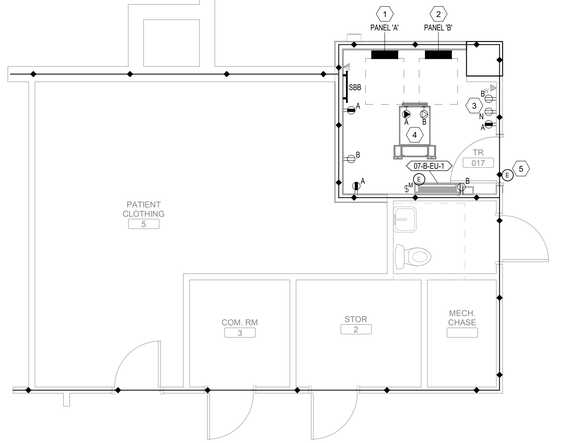
TELECOM ROOM 17, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 17, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 17, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLEINFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT ALL UNUSED CABLING FROM EXISTING EQUIPMENT RACK.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

7 RE-ROUTE 500 KCMILL CONDUCTORS RUNNING TO ELECTRICAL ROOM ABOVE.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

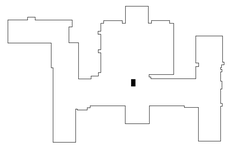
7 PROVIDE 4 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, BASEMENT FLOOR, TELECOM ROOM 17 PLAN

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET401

Dwg. 41 of 88

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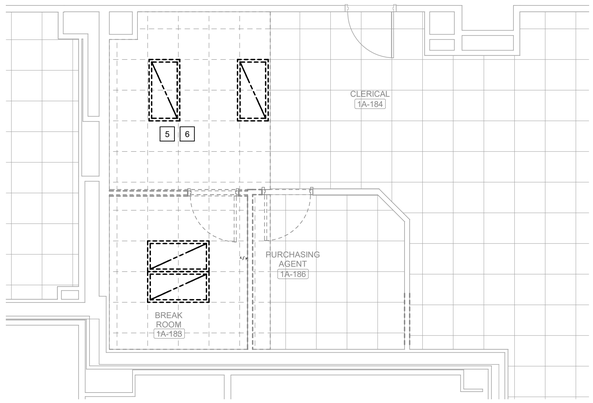
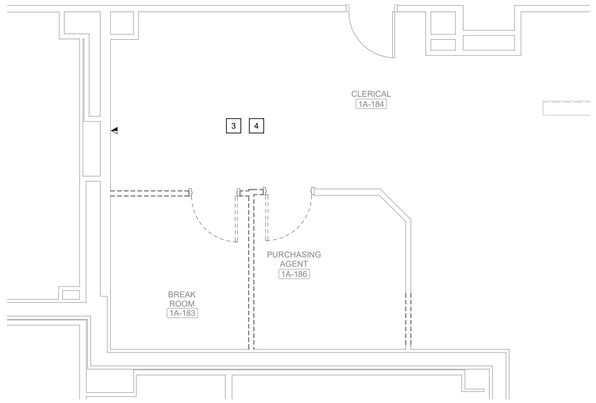


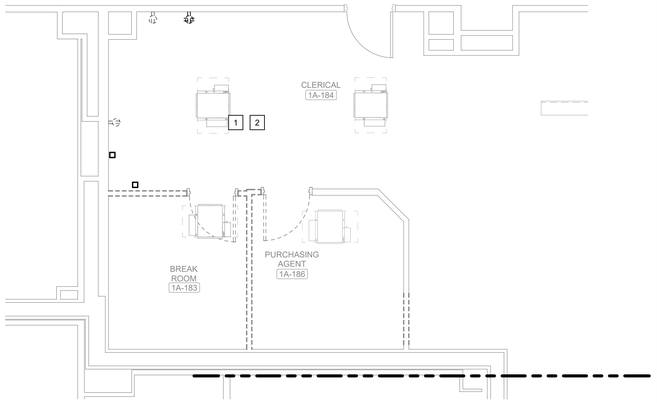
CLERICAL ROOM 1A-184, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



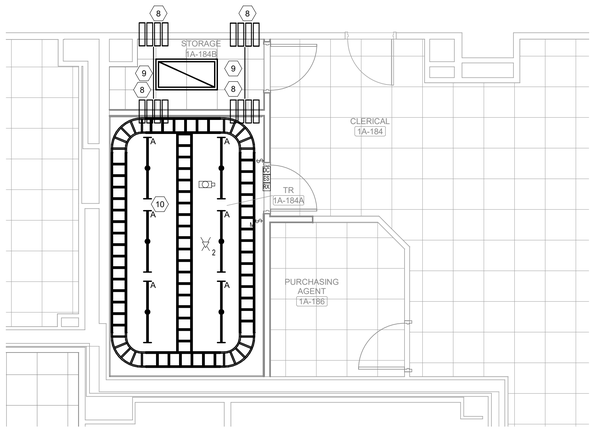
CLERICAL ROOM 1A-184, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



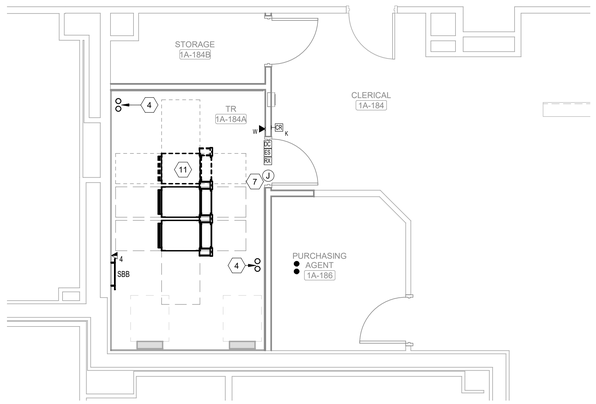
CLERICAL ROOM 1A-184, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



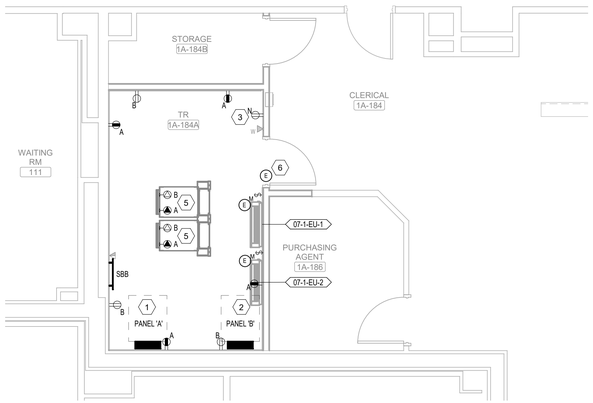
TELECOM ROOM 1A-184A, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 1A-184A, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 1A-184A, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLEINFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 007.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x6"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

8 PROVIDE 4 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 USE EITHER EMT OR CABLE TRAY TO SUPPORT CABLES.

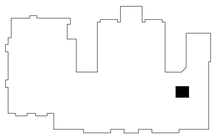
10 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISITING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

11 FUTURE RACK AND VERTICAL WIRE MANAGER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards — BICSI ID # 317721 — EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, FIRST FLOOR, TELECOM ROOM 1A-184A PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET402

Dwg. 42 of 88

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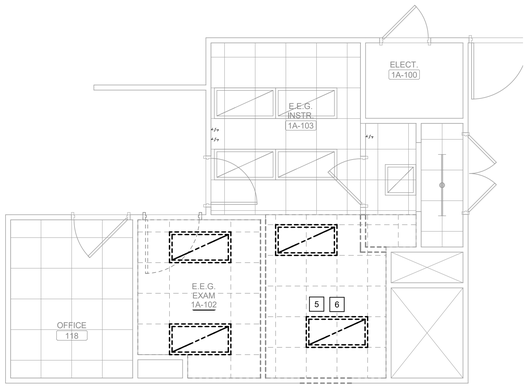
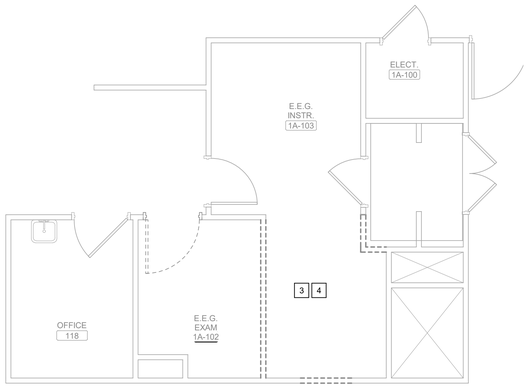


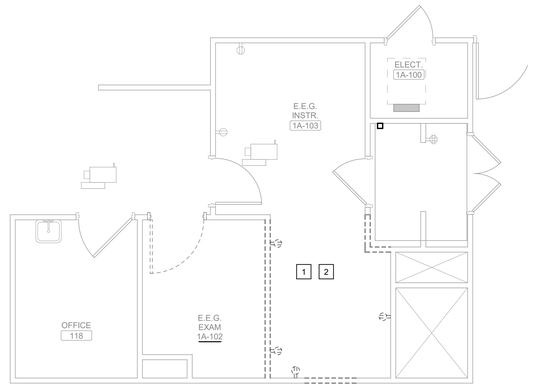
E.E.G. INSTR. 1A-103, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



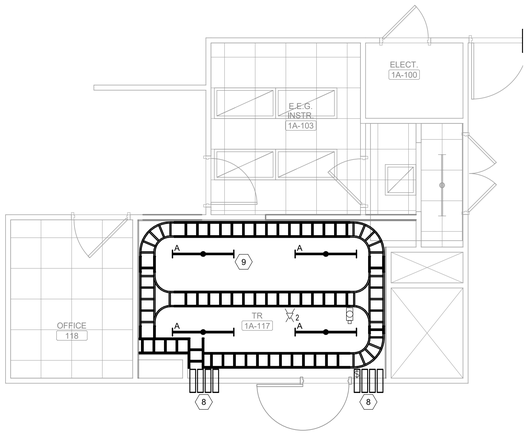
E.E.G. INSTR. 1A-103, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



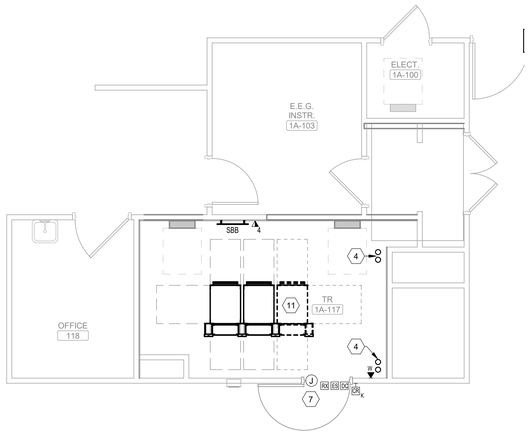
E.E.G INSTR. 1A-103, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



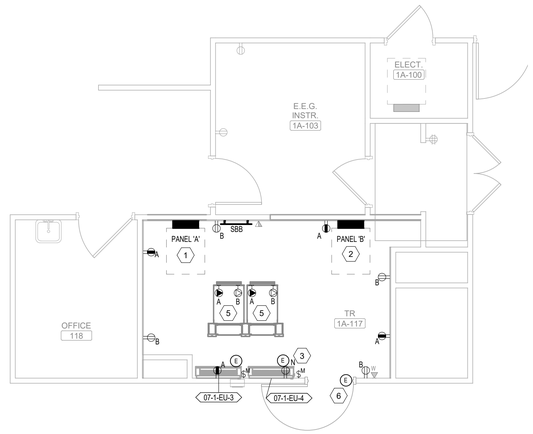
TELECOM ROOM 1A-117, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 1A-117, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 1A-117, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLEINFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 007.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

8 PROVIDE 4 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

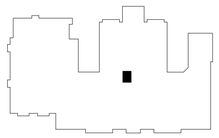
9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

11 FUTURE RACK AND VERTICAL WIRE MANAGER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER BICSI RCDD Andrew Richards BICSI ID # 377721 EXPIRES 12-31-26 — 3/23/2026

STATE OF LOUISIANA KEVIN T. KUBLANK License No. 36853 PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, FIRST FLOOR, TELECOM ROOM 1A-117 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET403

Dwg. 43 of 88

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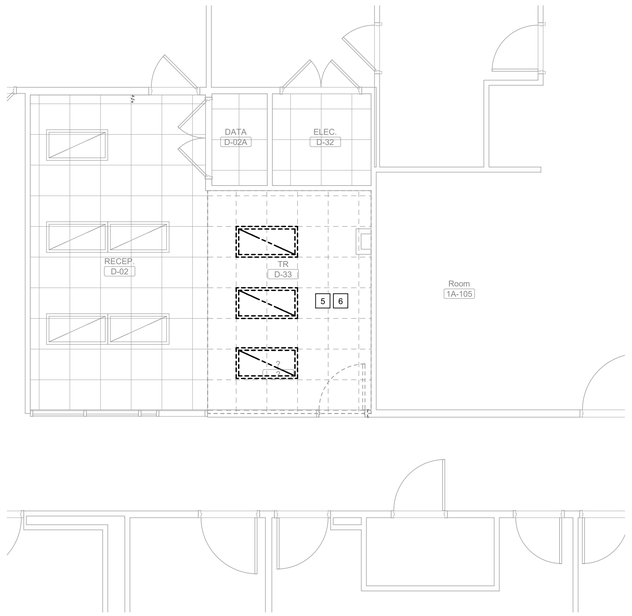
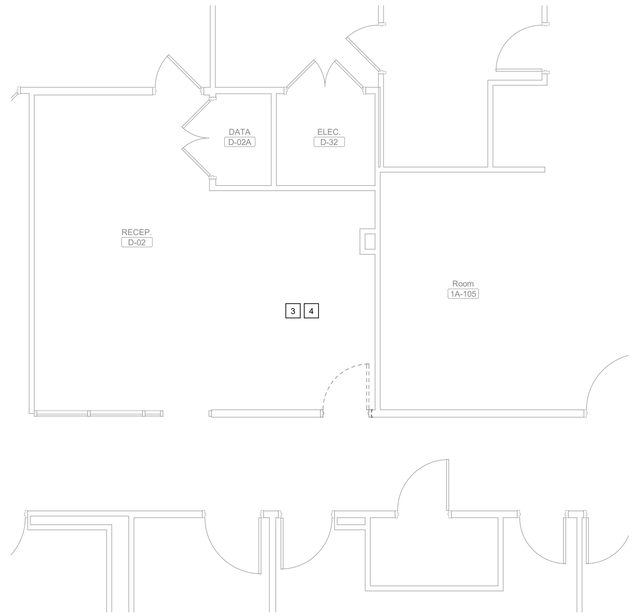


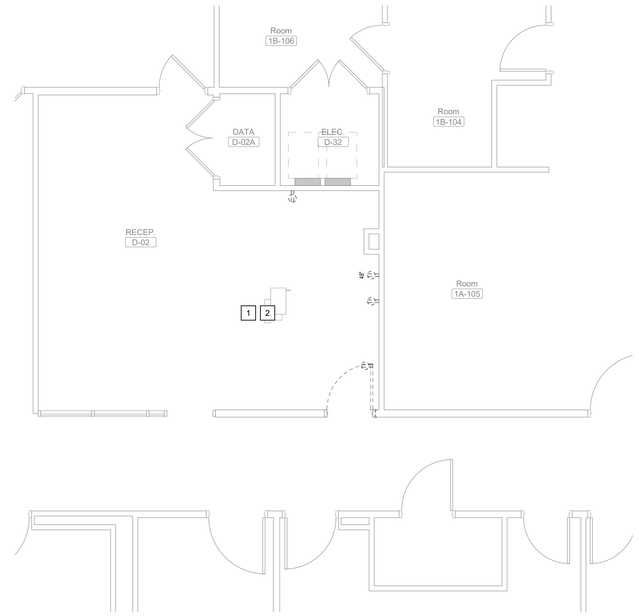
RECEPTION ROOM D-02, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



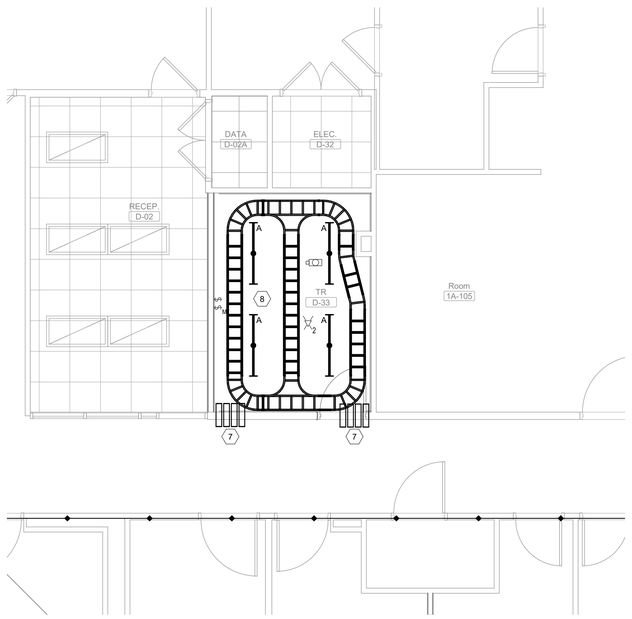
RECEPTION ROOM D-02, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



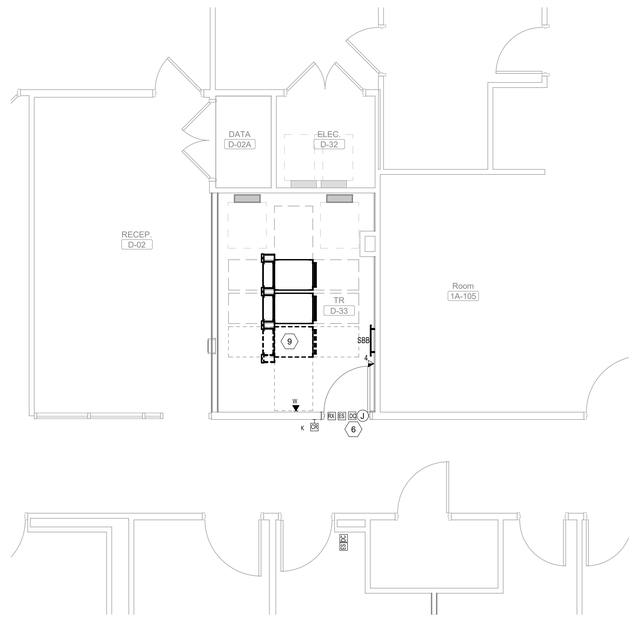
RECEPTION ROOM D-02, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



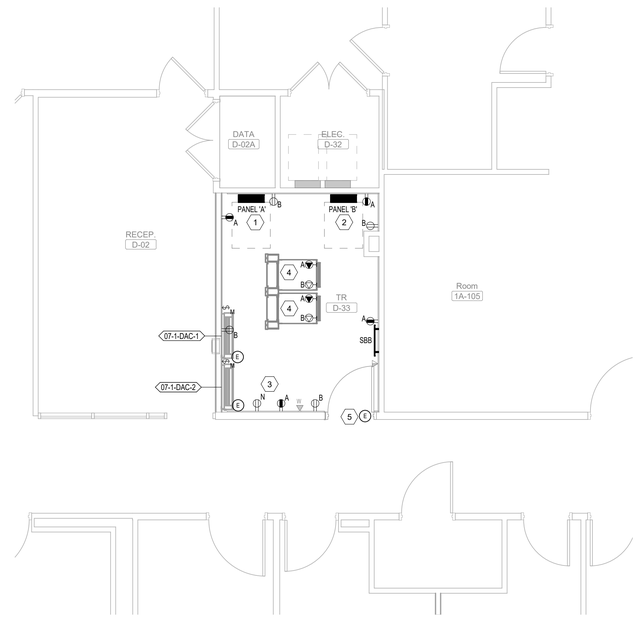
TELECOM ROOM D-33, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM D-33, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM D-33, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLEINFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

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6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

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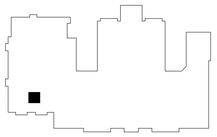
8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

9 FUTURE RACK AND VERTICAL WIRE MANAGER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 35883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, FIRST FLOOR, TELECOM ROOM D-33 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET404

Dwg. 44 of 88

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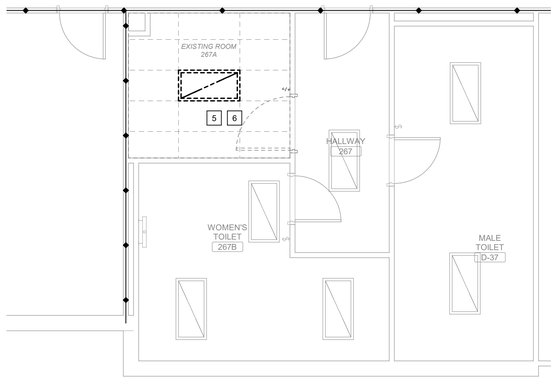
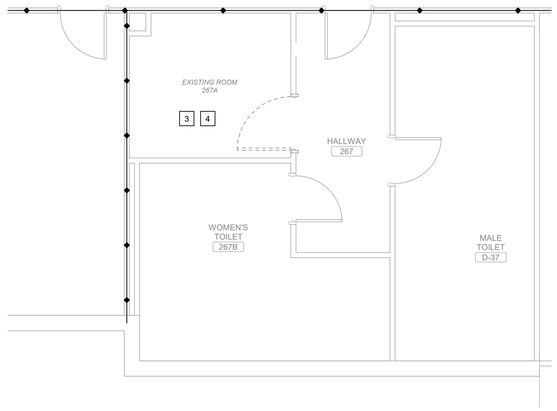


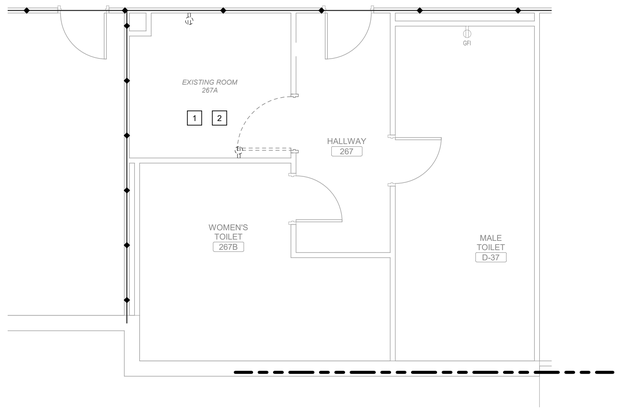
EXISTING ROOM 267A, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



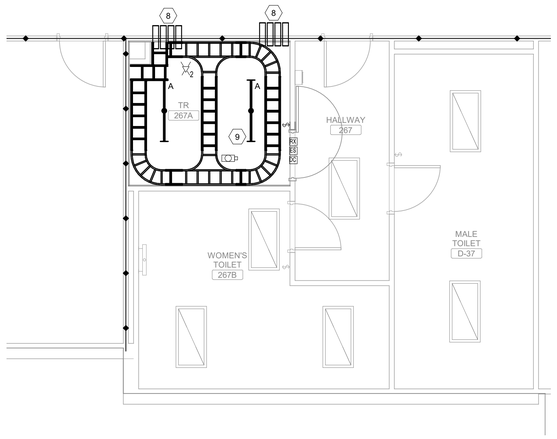
EXISTING ROOM 267A, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



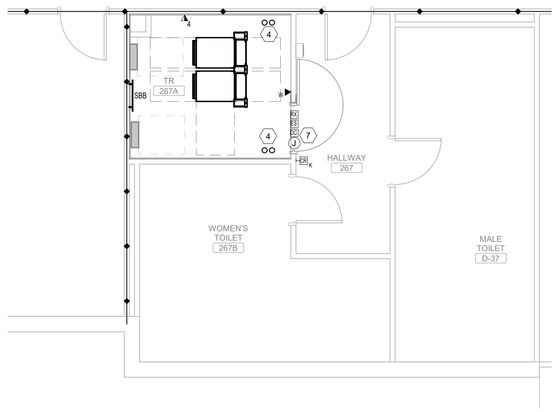
EXISTING ROOM 267A, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



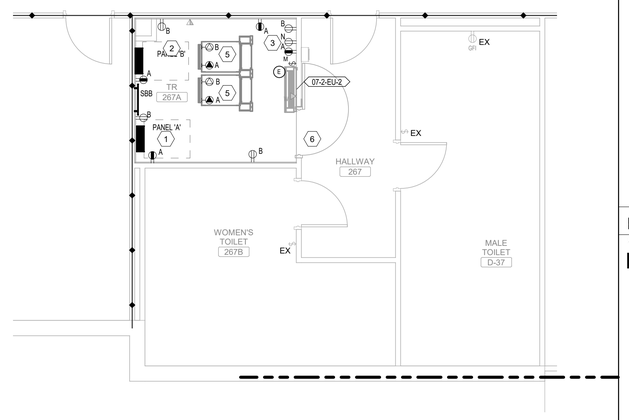
TELECOM ROOM 267A, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 267A, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 267A, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLEINFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

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F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

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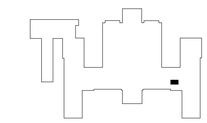
9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, SECOND FLOOR, TELECOM ROOM 267A PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET405

Dwg. 45 of 88

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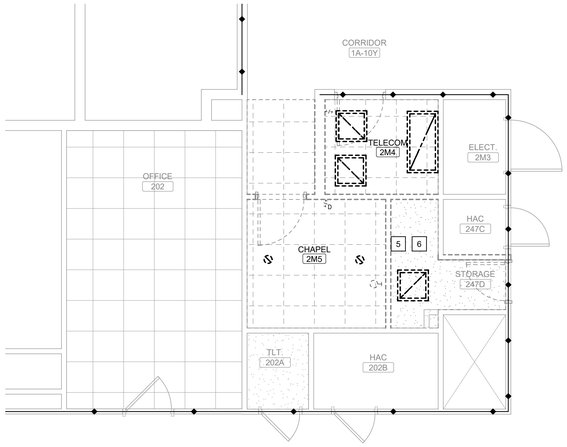
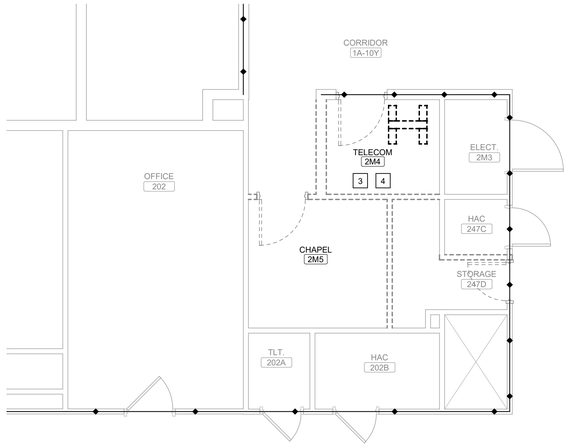


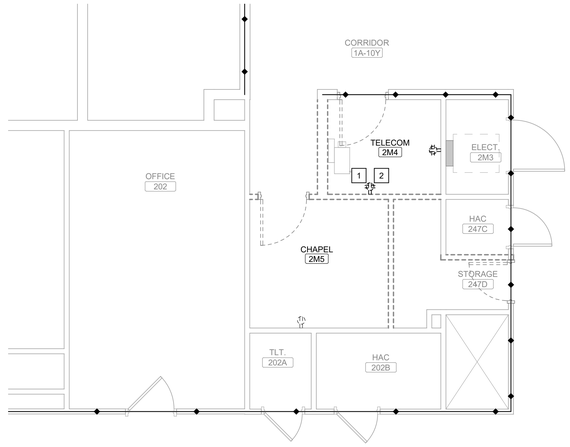
TELECOM 2M4, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



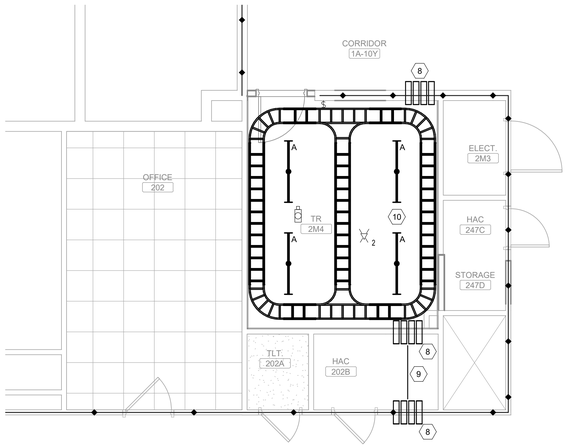
TELECOM 2M4, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



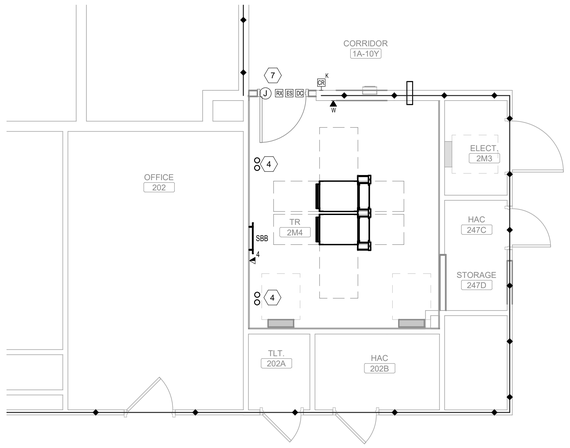
TELECOM 2M4, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



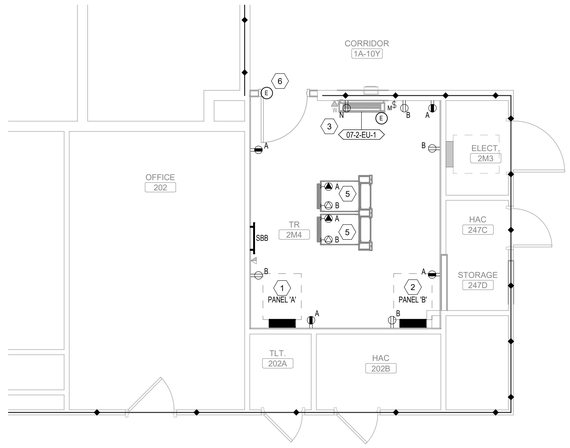
TELECOM ROOM 2M4, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 2M4, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 2M4, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLEINFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

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E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.
4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.
5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

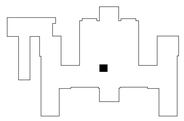
KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.
4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 007.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.
5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.
6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
7 8"x6"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
8
9 USE EITHER EMT OR CABLE TRAY TO SUPPORT CABLES.
10 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION
2 HR - FIRE SEPARATION
SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards — BICSI ID # 317721 — EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, SECOND FLOOR, TELECOM ROOM 2M4 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET406

Dwg. 46 of 88

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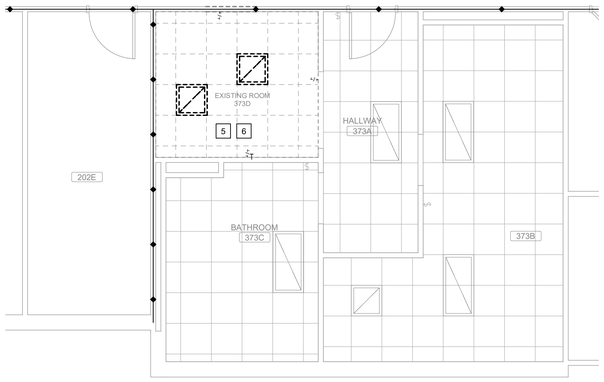
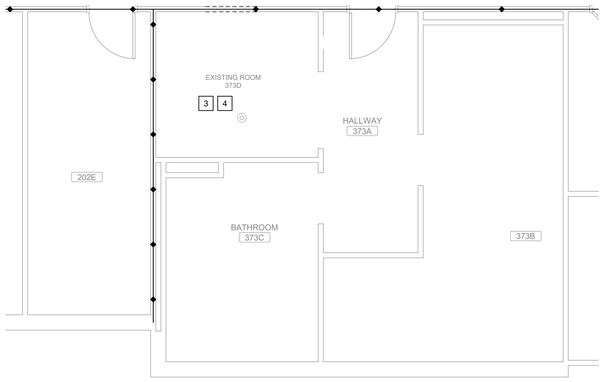


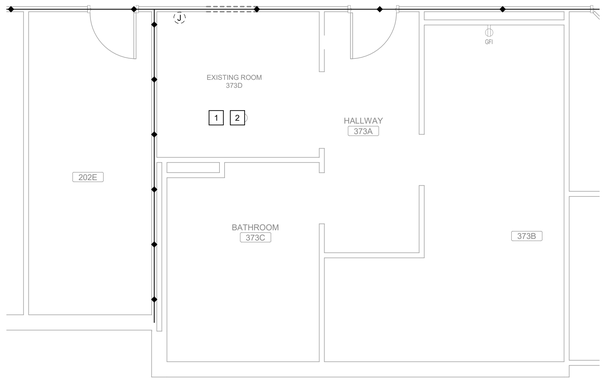
EXISTING ROOM 373D, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



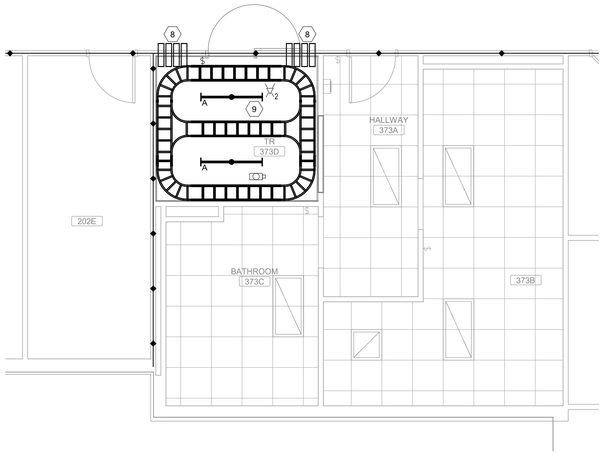
EXISTING ROOM 373D, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



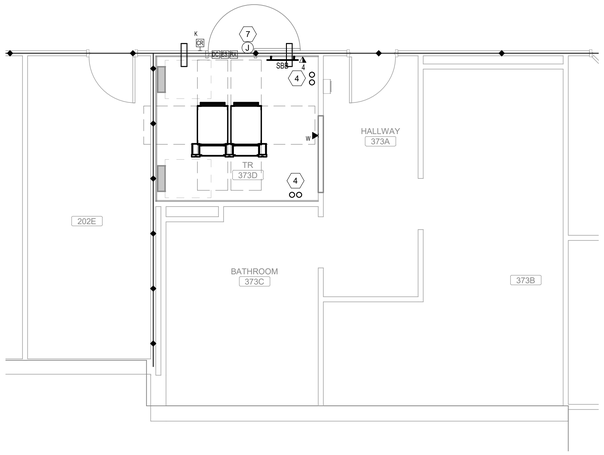
EXISTING ROOM 373D, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



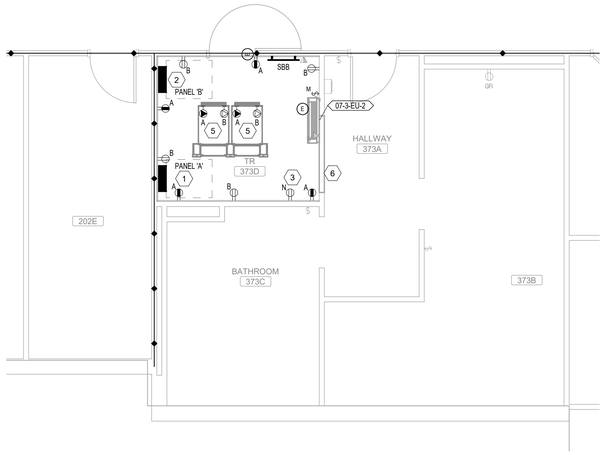
TELECOM ROOM 373D, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 373D, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 373D, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLEINFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

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KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

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3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 007.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUT AND (1) 12 AWG GND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

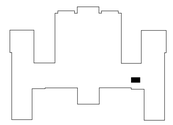
8 PROVIDE 4 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, THIRD FLOOR, TELECOM ROOM 373D PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET407

Dwg. 47 of 88

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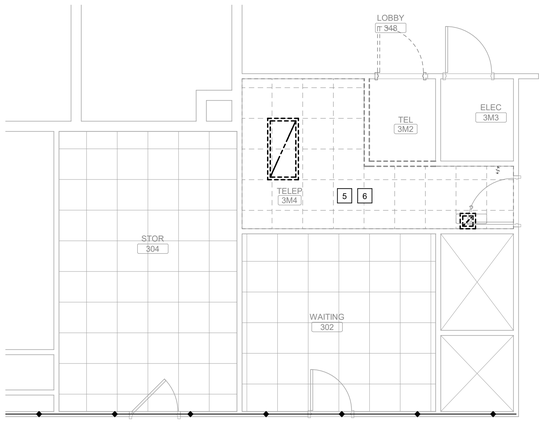
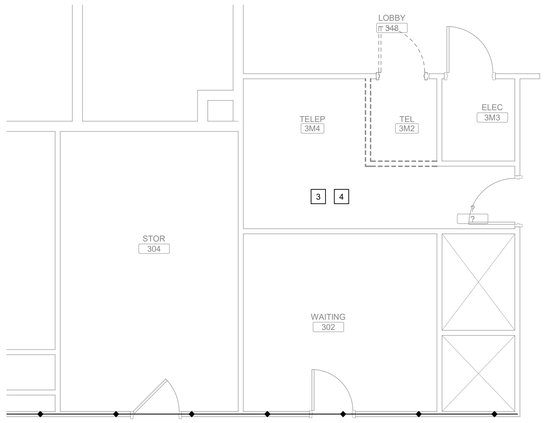


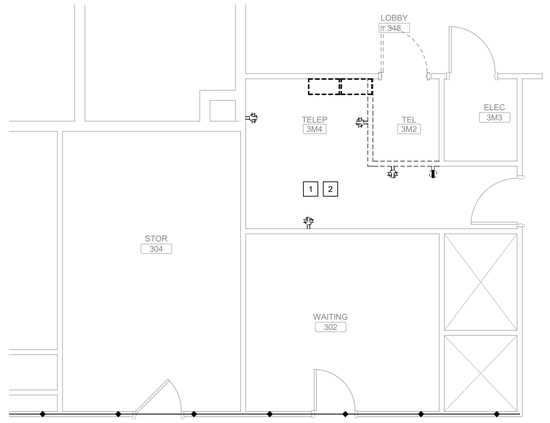
TELEPHONE 3M4, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



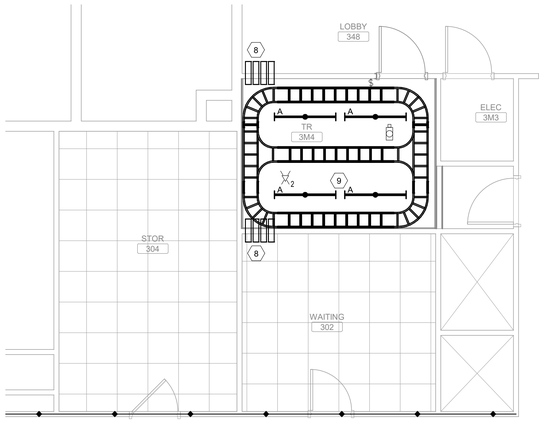
TELEPHONE 3M4, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



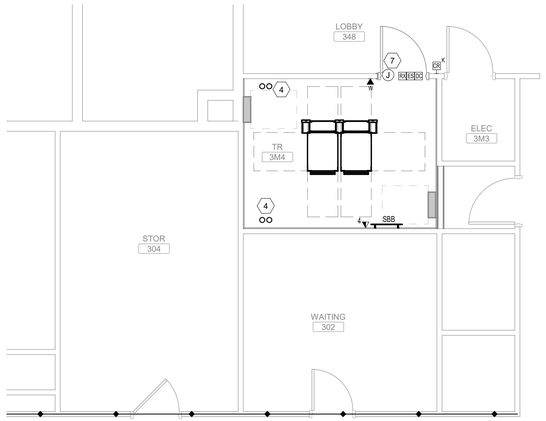
TELEPHONE 3M4, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



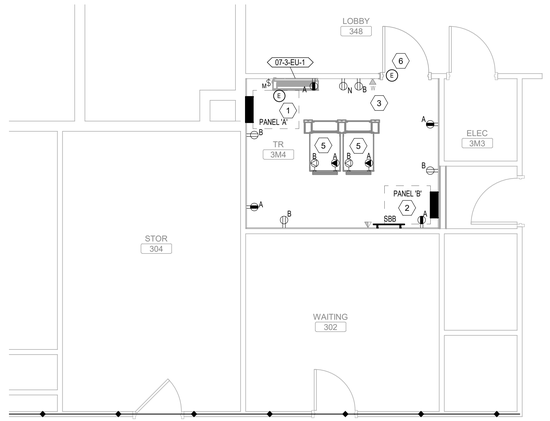
TELECOM ROOM 3M4, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 3M4, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 3M4, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLEINFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

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3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

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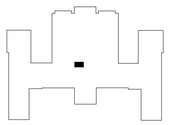
9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
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Andrew Richards
BICSI ID # 377721
EXPIRES 12-31-28
RCDD
3/23/2026

STATE OF LOUISIANA
KEVIN T. KUBLANK
License No. 38883
PROFESSIONAL ENGINEER
3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, THIRD FLOOR, TELECOM ROOM 3M4 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET408

Dwg. 48 of 88

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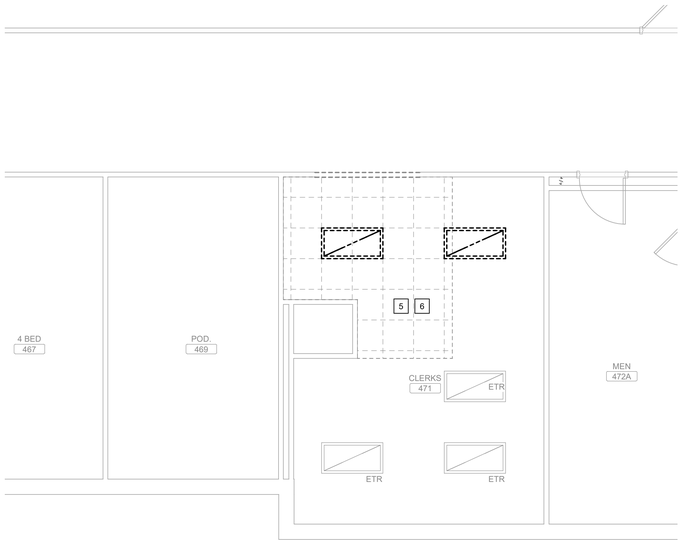
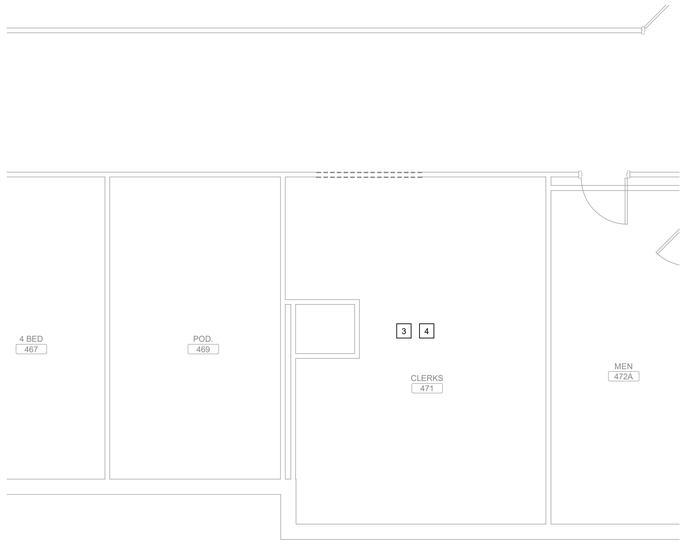


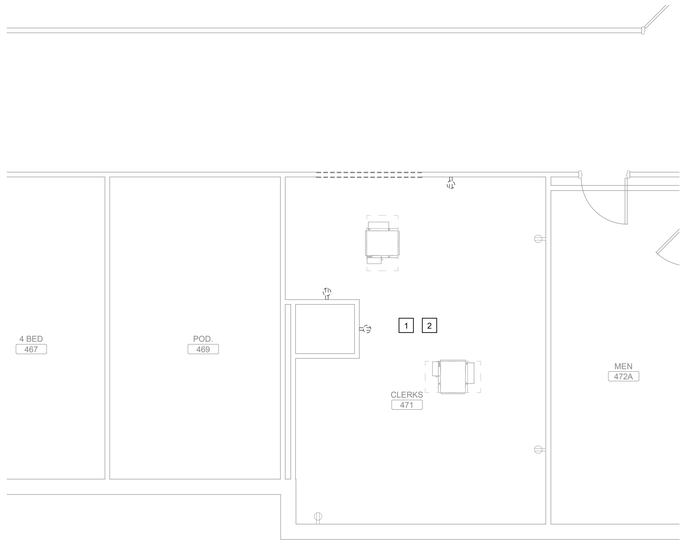
CLERK'S ROOM 471, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



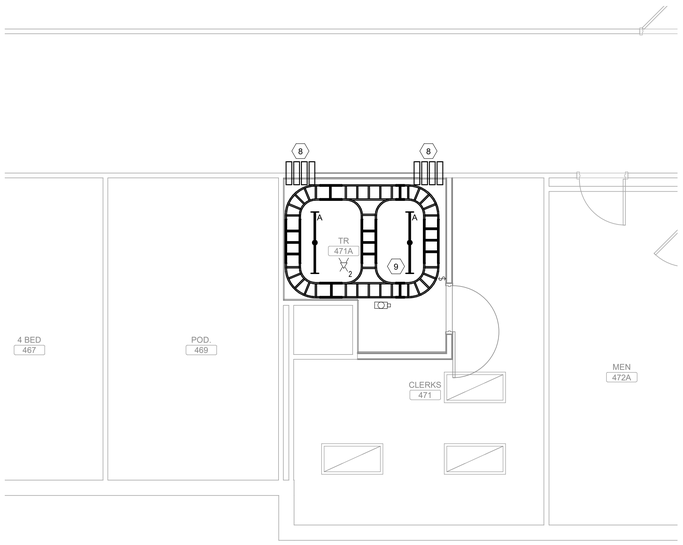
CLERK'S ROOM 471, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



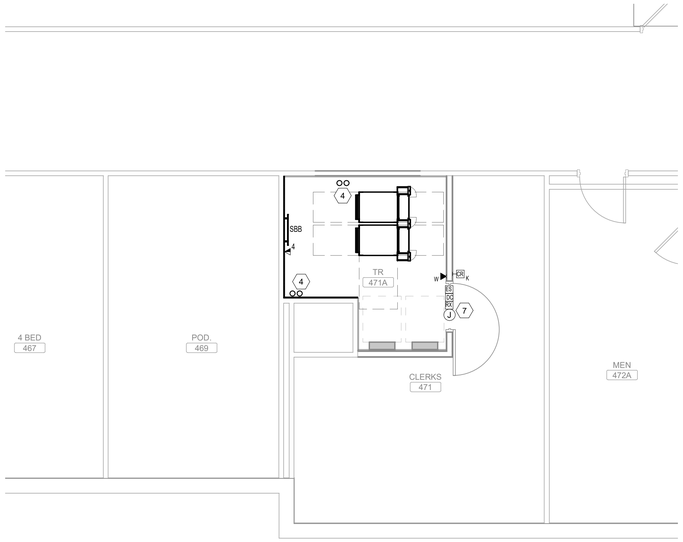
CLERK'S ROOM 471, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



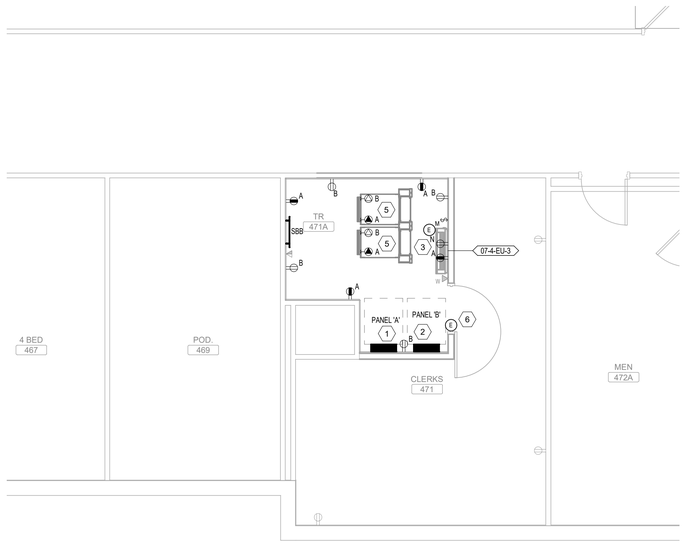
TELECOM ROOM 471A, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 471A, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 471A, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLEINFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.
4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.
5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

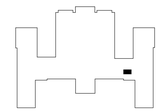
KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE DIAGRAMS ON SHEET 007.ET602, 007.ET603, AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.
4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 007.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.
5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG EG IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.
6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
8 PROVIDE 4 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.
9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.
10 FUTURE RACK AND VERTICAL WIRE MANAGER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION
2 HR - FIRE SEPARATION
SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, FOURTH FLOOR, TELECOM ROOM 471A PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET409

Dwg. 49 of 88

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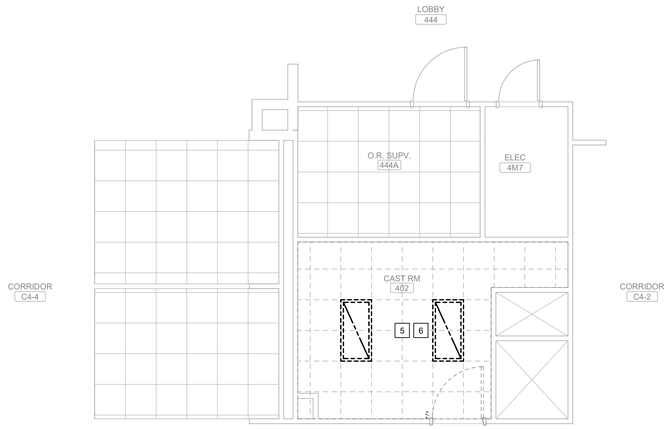
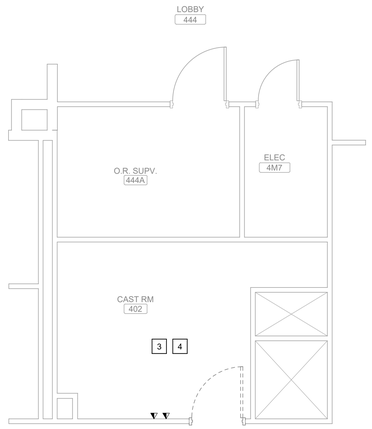
Docusign Envelope ID: 31EDC0F6-5827-45E5-8E99-758108BAC466



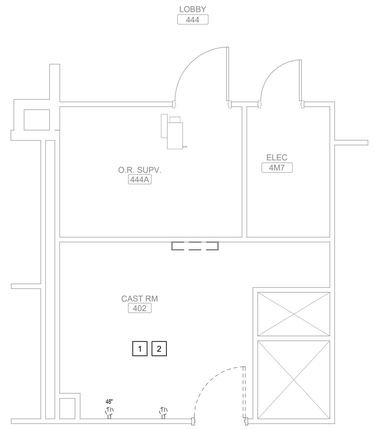
CAST ROOM 402, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



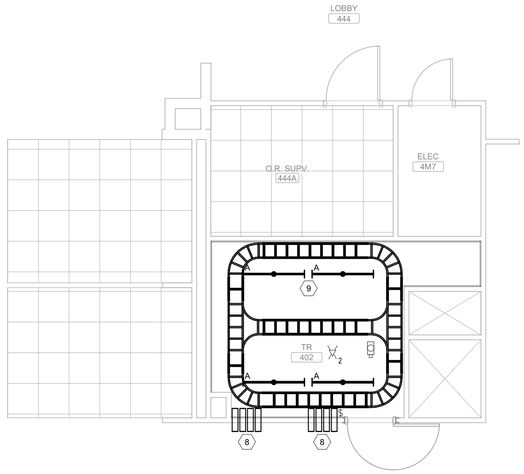
CAST ROOM 402, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



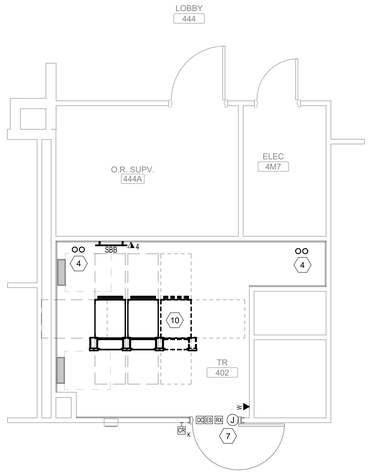
CAST ROOM 402, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



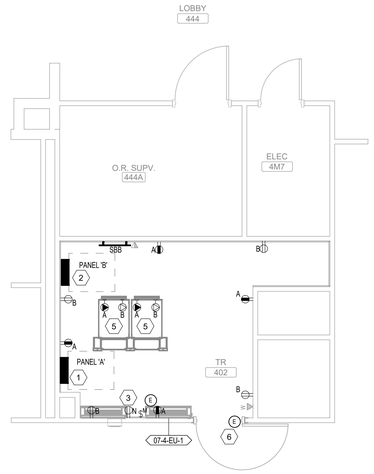
TELECOM ROOM 402, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 402, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 402, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLEINFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

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F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
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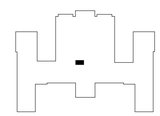
10 FUTURE RACK AND VERTICAL WIRE MANAGER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION
2 HR - FIRE SEPARATION
SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Headquarters:
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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, FOURTH FLOOR, TELECOM ROOM 402 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET410

Dwg. 50 of 88

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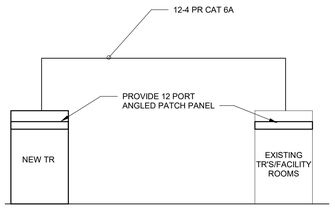
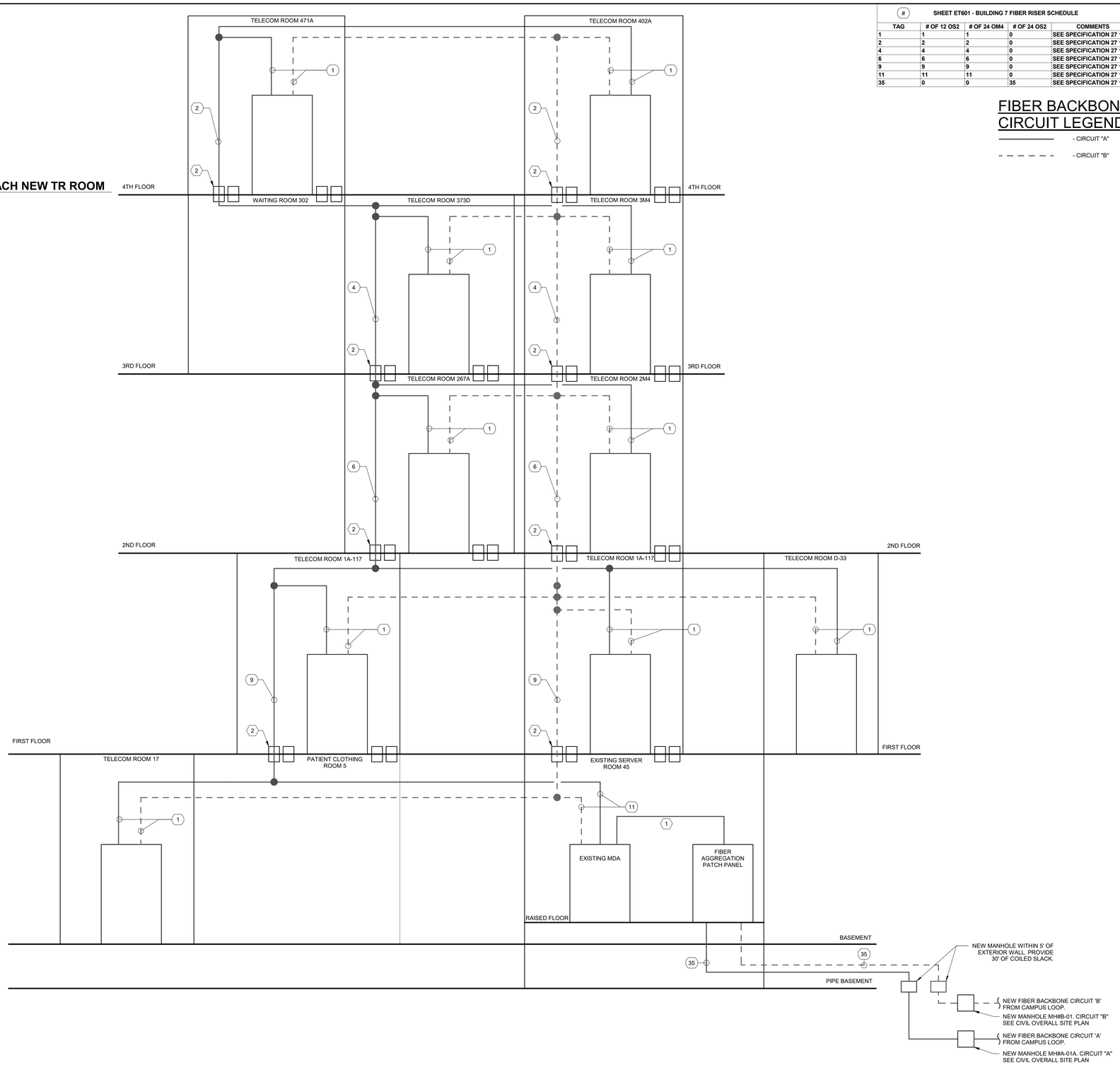


2 TYPICAL CONNECTION BETWEEN EXISTING TR'S/FACILITY ROOM & EACH NEW TR ROOM

Scale: No Scale



1 BUILDING 7 FIBER RISER DIAGRAM

Scale: No Scale

SHEET ET601 - BUILDING 7 FIBER RISER SCHEDULE

TAG	# OF 12 OS2	# OF 24 OM4	# OF 24 OS2	COMMENTS
1	1	1	0	SEE SPECIFICATION 27 13 23
2	2	2	0	SEE SPECIFICATION 27 13 23
4	4	4	0	SEE SPECIFICATION 27 13 23
6	6	6	0	SEE SPECIFICATION 27 13 23
9	9	9	0	SEE SPECIFICATION 27 13 23
11	11	11	0	SEE SPECIFICATION 27 13 23
35	0	0	35	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

———— - CIRCUIT "A"

– – – – – – - CIRCUIT "B"

SHEET NOTES:

A. NEW 25 PR UTP TELEPHONE CABLE SHALL RUN FROM EACH OF THE EXISTING TR(S) TO EACH NEW TR FOR CONNECTION OF EXISTING INFASTRUTURE BETWEEN TR(S) AS REQUIRED.

B. TERMINATE ALL NEW FIBER CABLES AND PROVIDE ALL REQUIRED TESTING AND CERTIFICATION.

C. PROVIDE 24 STRAND, MULTIMODE FIBER (OM4) AND 12 STRAND SINGLE MODE FIBER (OS2) FOR CIRCUIT 'A', FROM EACH TR ROOM IN BUILDING 7, TO THE MAIN COMPUTER ROOM. FOR ALL OTHER BUILDINGS, PROVIDE 24 STRAND SINGLE MODE FIBER (OS2). INDOOR-OUTDOOR RATED, FROM EACH TR TO THE MAIN COMPUTER ROOM FOR CIRCUIT 'A'.

D. PROVIDE 24 STRAND, MULTIMODE FIBER (OM4) AND 12 STRAND SINGLE MODE FIBER (OS2) FOR CIRCUIT 'B', FROM EACH TR ROOM IN BUILDING 7, TO THE MAIN COMPUTER ROOM. FOR ALL OTHER BUILDINGS, PROVIDE 24 STRAND SINGLE MODE FIBER (OS2). INDOOR-OUTDOOR RATED, FROM EACH TR TO THE MAIN COMPUTER ROOM FOR CIRCUIT 'B'.

E. EXISTING ENTRANCE ROOM TEL MAIN WITH EXISTING SERVICE ENTRANCE TO REMAIN.

KEY NOTES:

1 PROVIDE 130 FIBER PATCH CABLES FROM FIBER AGGREGATION RACK TO CORE SWITCH SEE SPECIFICATION 27 16 19.

2 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL LISTED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. PROVIDE EZ PATH 44+ OR EQUIPMENT.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 271721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Cary, North Carolina 27511
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, TECHNOLOGY RISER DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 007.ET601

Dwg. 51 of 88

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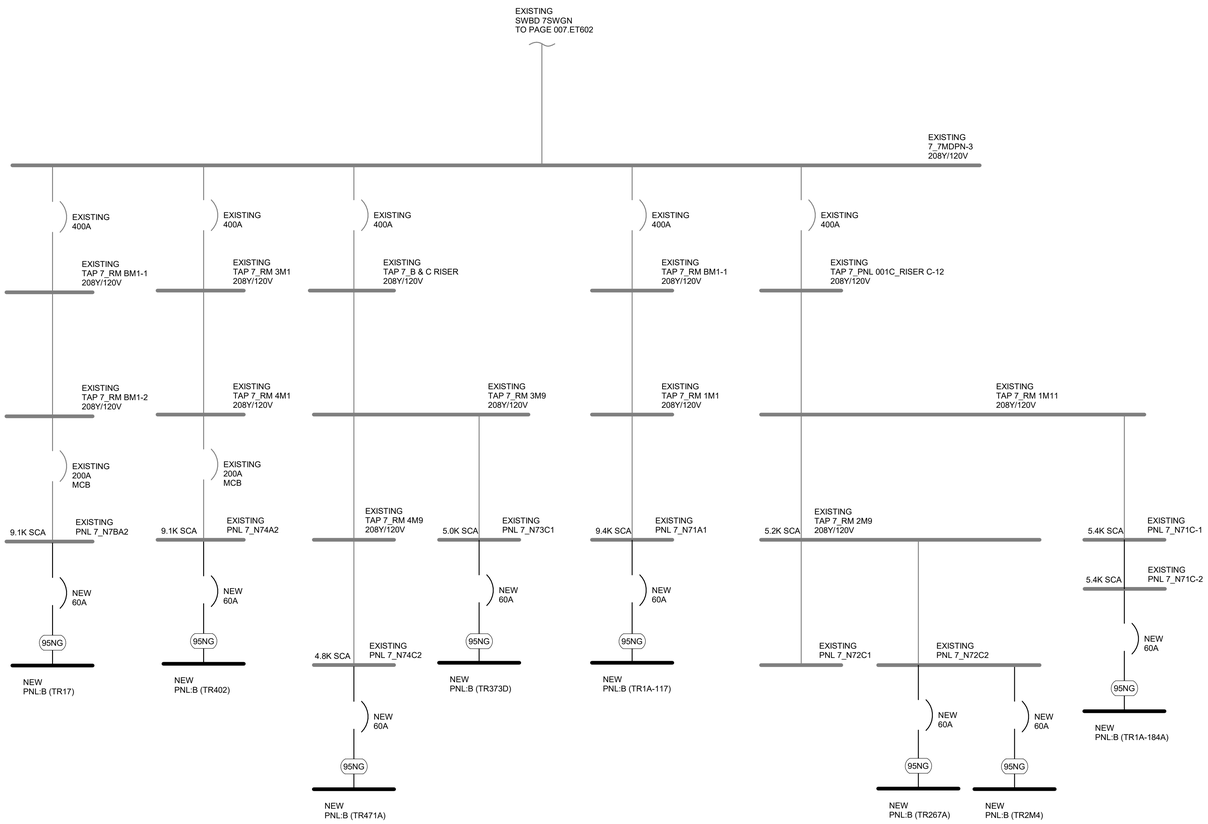
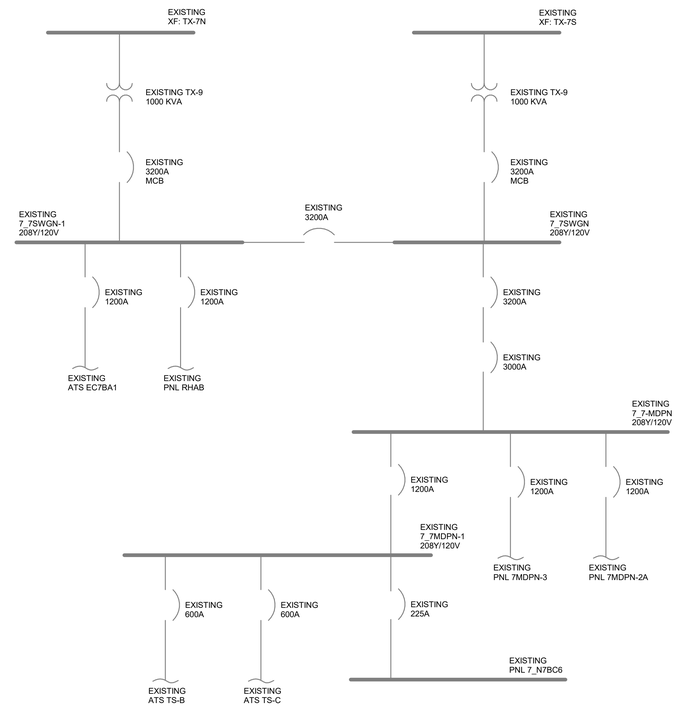
VA FORM 08-6231

Docusign Envelope ID: 31EDC0F6-5827-45E5-8E99-758108BAC466

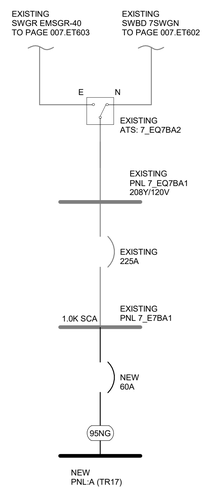
BUILDING 7 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.



3 **BUILDING 7 NORMAL SINGLE LINE DIAGRAM - PARTIAL 2**
Scale: No Scale



1 **BUILDING 7 NORMAL SINGLE LINE DIAGRAM - PARTIAL 1**
Scale: No Scale



2 **BUILDING 7 EMERGENCY SINGLE LINE DIAGRAM - PARTIAL 1**
Scale: 1/4" = 1'-0"

SHEET NOTES:

A. REFERENCE BONDING DETAILS, SHEET 000.ET503.

B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 - ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Headquarters:
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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, SINGLE LINE DIAGRAMS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET602

Dwg. 52 of 88

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VA FORM 08-6231

Docusign Envelope ID: 31EDC0F6-5827-45E5-8E99-758108BAC466

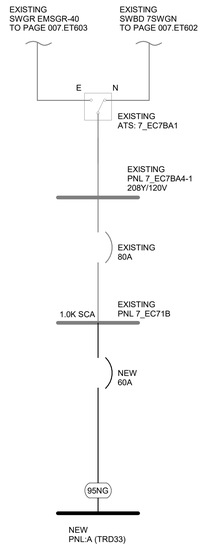
BUILDING 7 CONDUCTOR SCHEDULE	
95NG	3-#2, 1-#1 NEU, 1-#8 AWG EGC IN 1 1/2" C.
225NG	4-4/0 AWG, 1-#4 EGC IN 2-1/2" C.
450NG	2 SETS 4-4/0 AWG, 1-#2 EGC IN 2-1/2" C.
350NG	3-500 KCMIL, 1-600 KCMIL NEU, 1-#3 EGC IN 4" C.

SHEET NOTES:

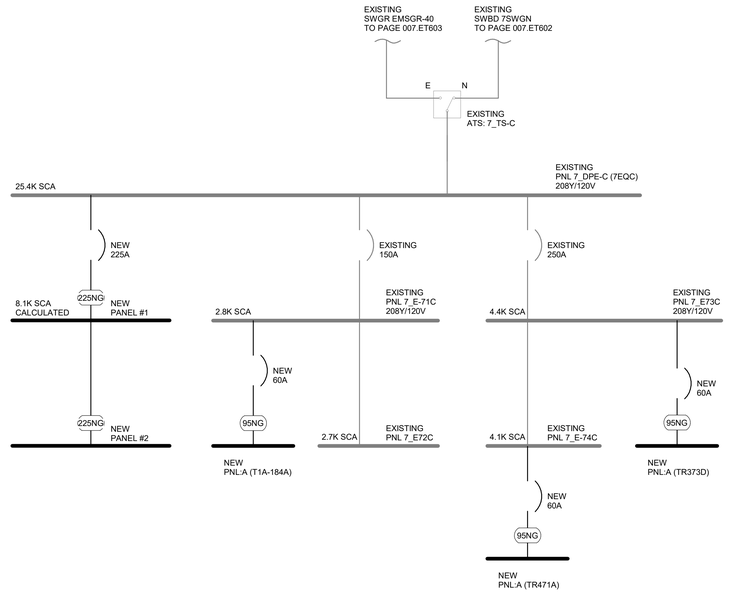
A. REFERENCE BONDING DETAILS, SHEET 000.ET503.

B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 - ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.



4 **BUILDING 7 EMERGENCY SINGLE LINE DIAGRAM - PARTIAL 4**
Scale: No Scale



1 **BUILDING 7 EMERGENCY SINGLE LINE DIAGRAM - PARTIAL 2**
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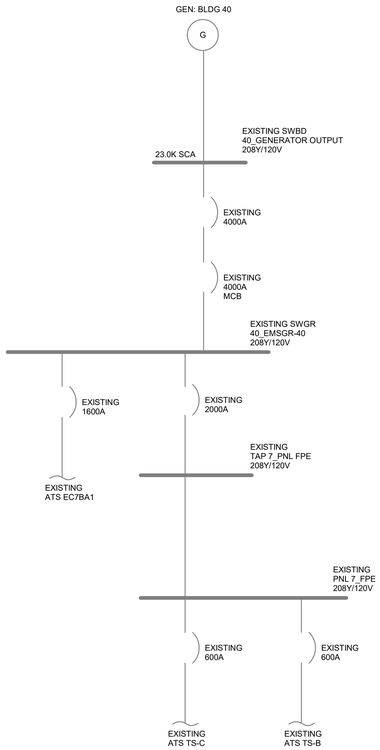
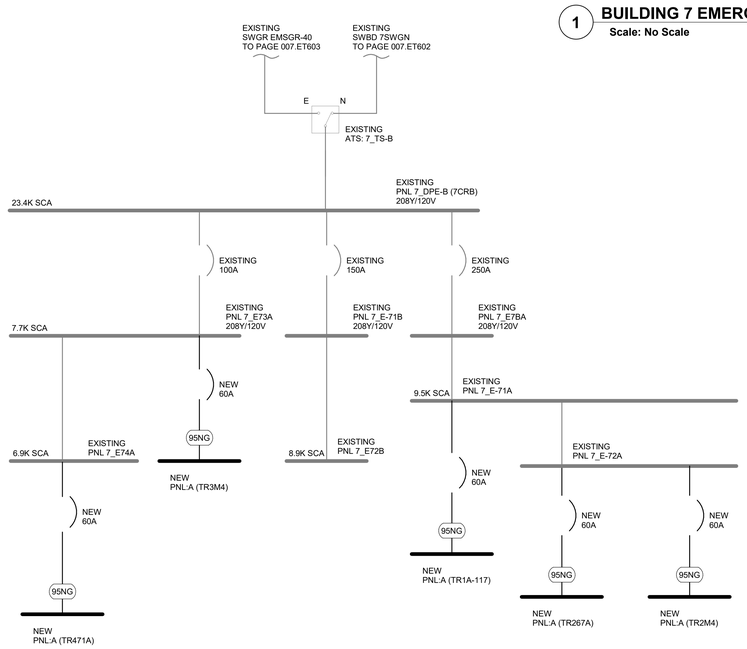
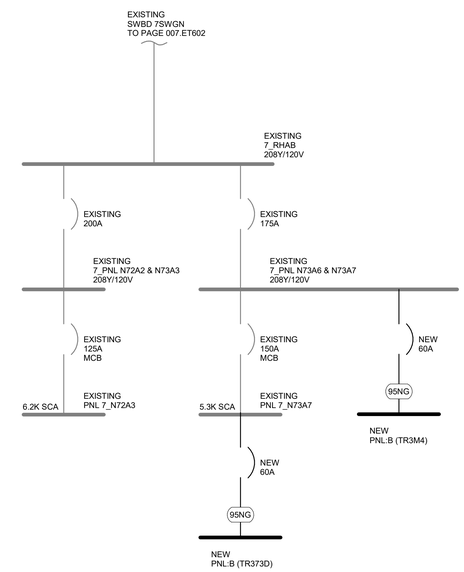


5 **BUILDING 7 EMERGENCY SINGLE LINE DIAGRAM - PARTIAL 5**
Scale: No Scale



3 **BUILDING 7 EMERGENCY SINGLE LINE DIAGRAM - PARTIAL 3**
Scale: No Scale



2 **BUILDING 7 NORMAL SINGLE LINE DIAGRAM - PARTIAL 3**
Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI Andrew Richards BICSI ID # 377721 EXPIRES 12-31-26 RCDD 3/23/2026

STATE OF LOUISIANA KEVIN T. KUBLANK License No. 36853 PROFESSIONAL ENGINEER 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7, SINGLE LINE DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 007.ET603

Dwg. 53 of 88

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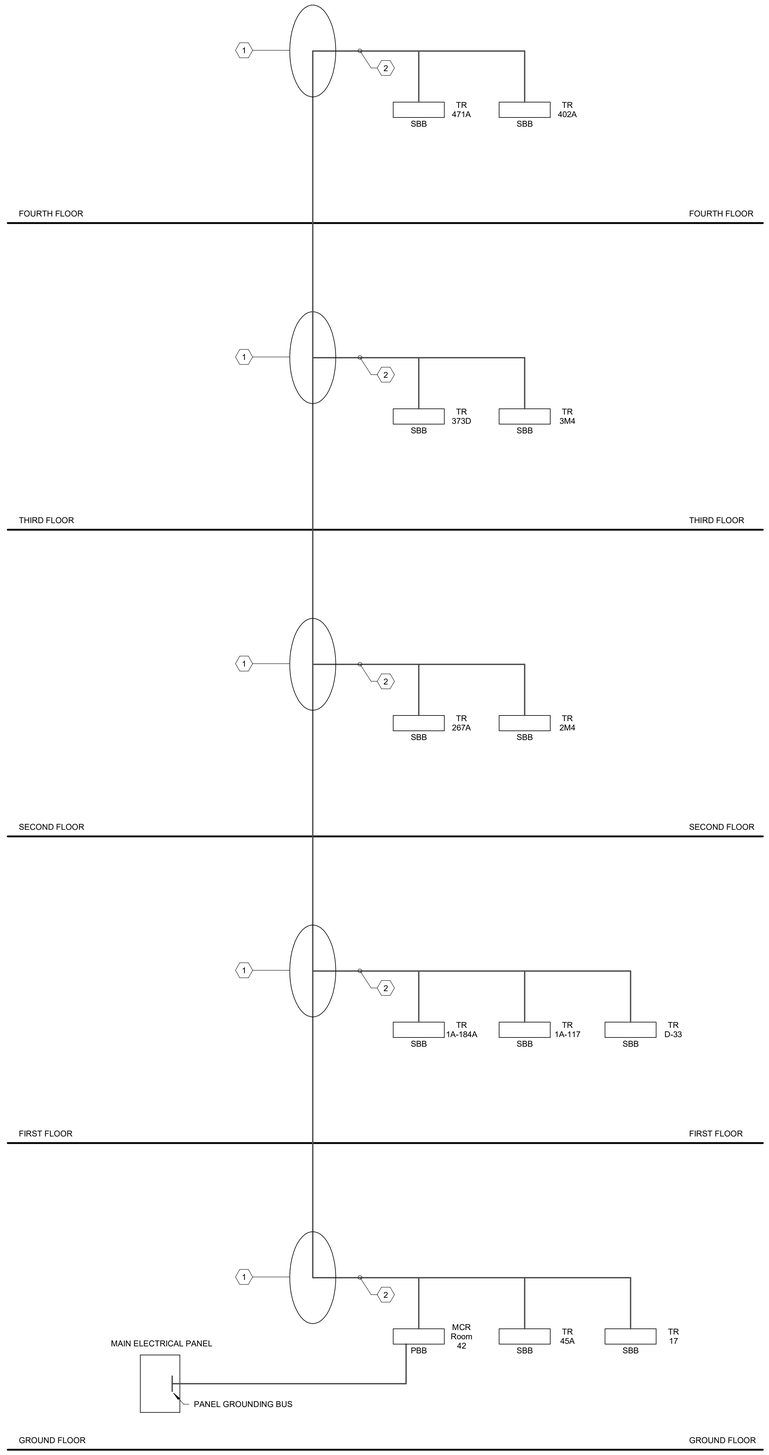

1 **BUILDING 7 BONDING RISER DIAGRAM**
Scale: 1/4" = 1'-0"

KEY NOTES:

1. PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.
2. PROVIDE TBC FROM SECONDARY BONDING BUSBAR (SBB) TO TBB.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Andrew Richards
BICSI ID # 377721
EXPIRES 12-31-28
RCDD
3/23/2026

STATE OF LOUISIANA
KEVIN T. KUBLANK
License No. 38853
PROFESSIONAL ENGINEER
3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 7 BONDING RISER DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: CCH

Drawing Number: 007.ET604

Dwg. 54 of 88

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VA FORM 08-6231

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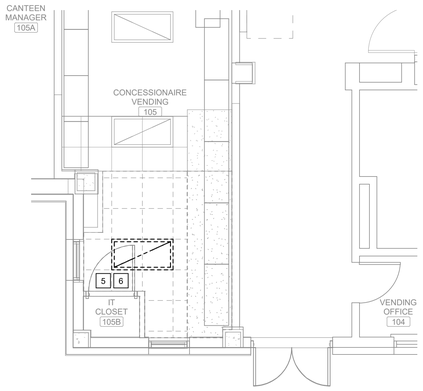
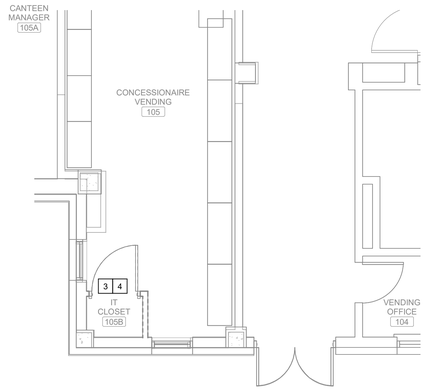


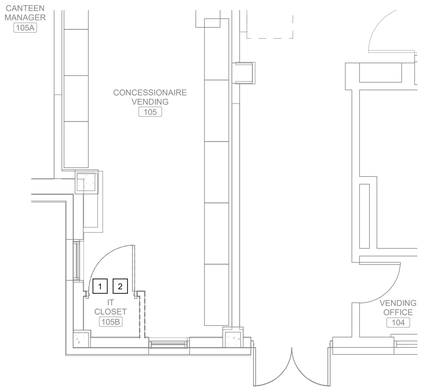
IT CLOSET 105B, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



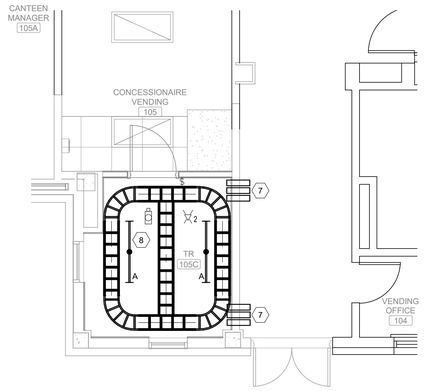
IT CLOSET 105B, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



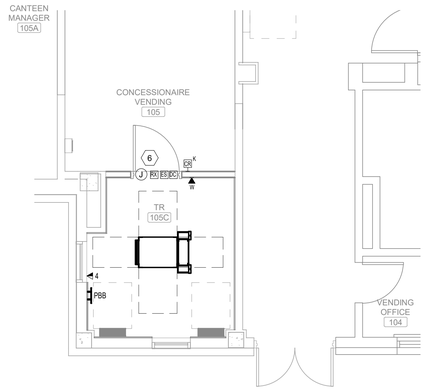
IT CLOSET 105B, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



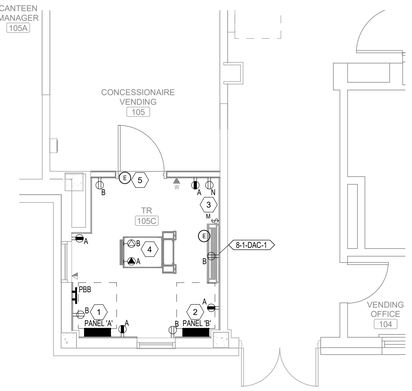
TELECOM ROOM 105C, POWER PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 105C, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 105C, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE G-SERIES DRAWINGS FOR SOURCE LOCATION. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO G-SERIES DRAWINGS FOR SOURCE LOCATION. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505

5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

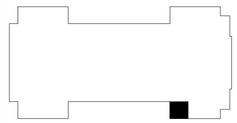
7 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 8, FIRST FLOOR, TELECOM ROOM 105C PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 008.ET401

Dwg. 55 of 88

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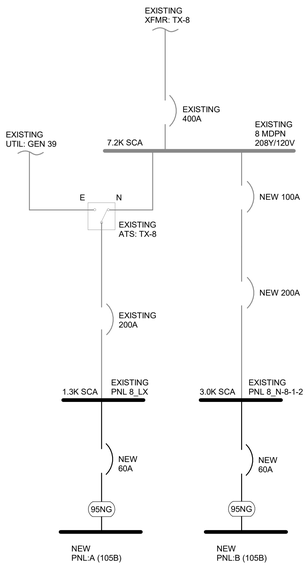
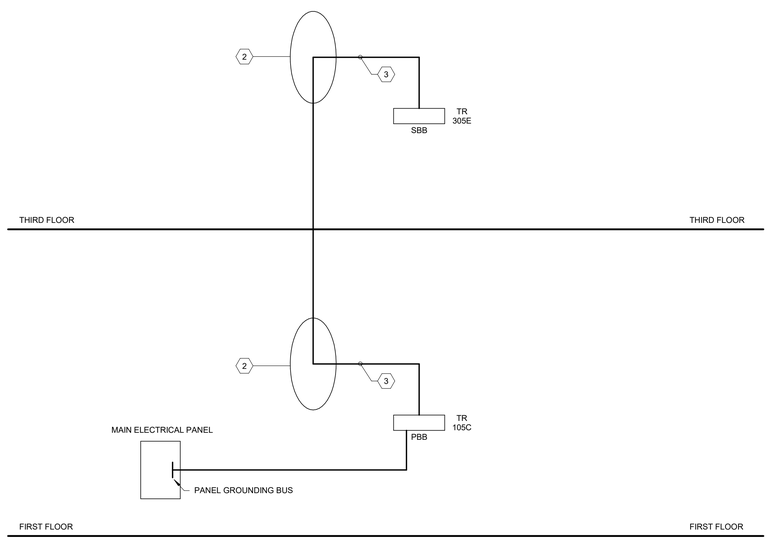


2 BUILDING 8, SINGLE LINE DIAGRAM

Scale: No Scale



3 BUILDING 8 BONDING RISER DIAGRAM

Scale: No Scale

#	SHEET 008.ET601 - BUILDING 8 FIBER RISER SCHEDULE	
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

———— - CIRCUIT "A"

- - - -

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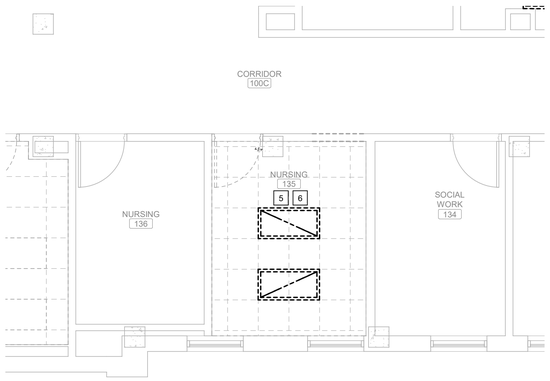
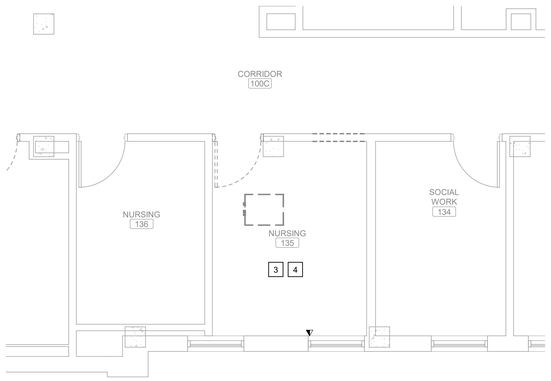


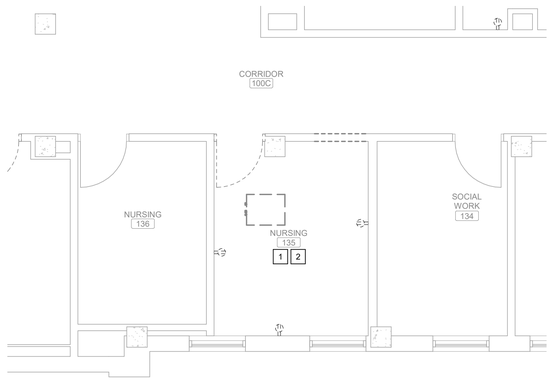
NURSING ROOM 135, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



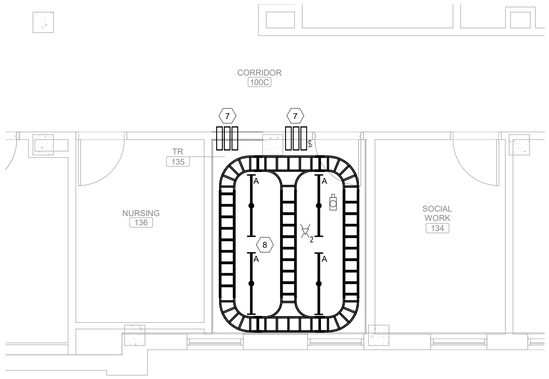
NURSING ROOM 135, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



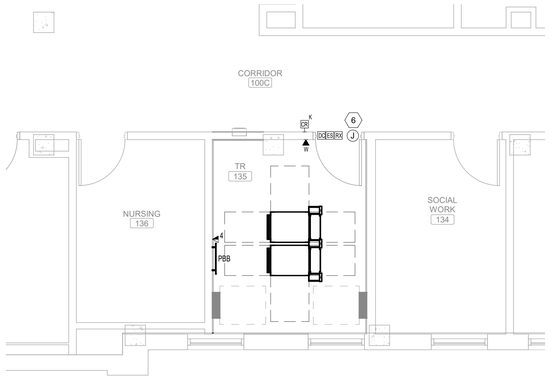
NURSING ROOM 135, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



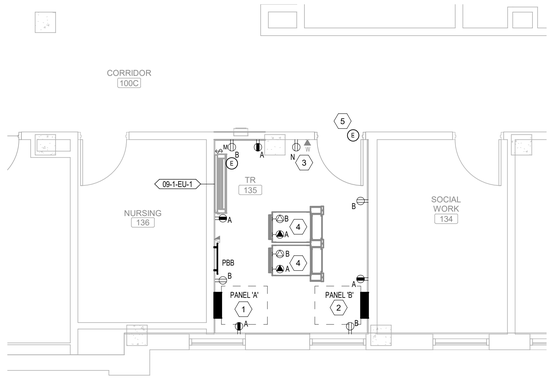
TELECOM ROOM 135, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 135, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 135, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING EQUIPMENT RACK.

4 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE DIAGRAMS ON SHEET 009.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE DIAGRAMS ON SHEET 009.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

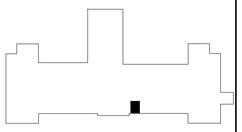
7 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Headquarters:
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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 9, FIRST FLOOR, TELECOM ROOM 135 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 009.ET401

3/19/2026 10:37:05 PM C:\Users\kstarnes\Documents\E_20-398_VA Alexandria EHRM_Bldg_09_latarnesCBUMB.rvt

VA FORM 08-6231

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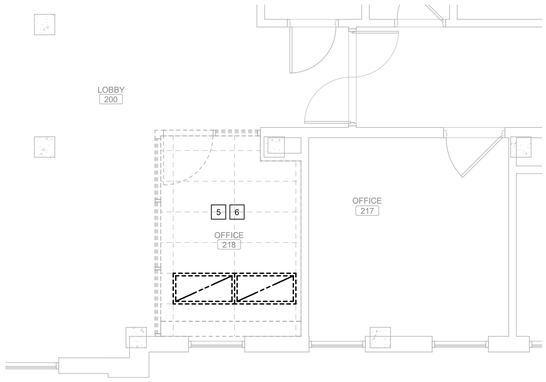
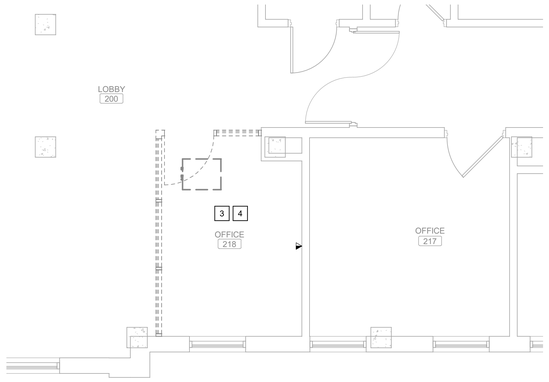


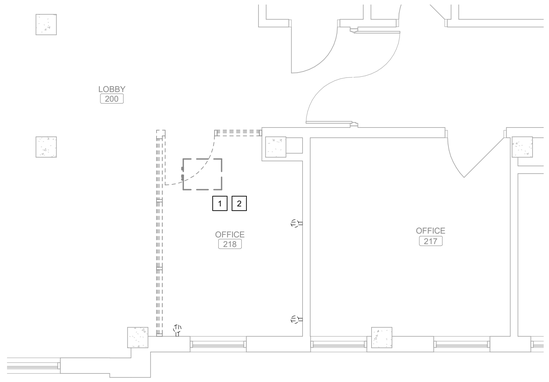
OFFICE 218, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



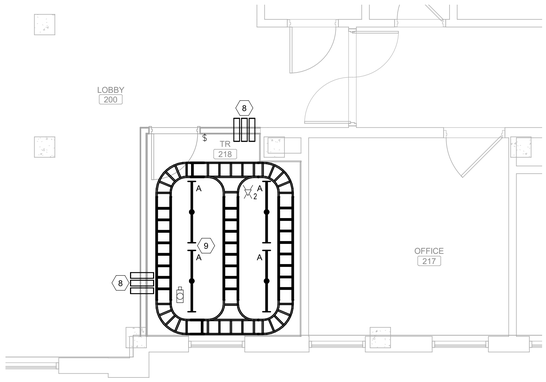
OFFICE 218, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



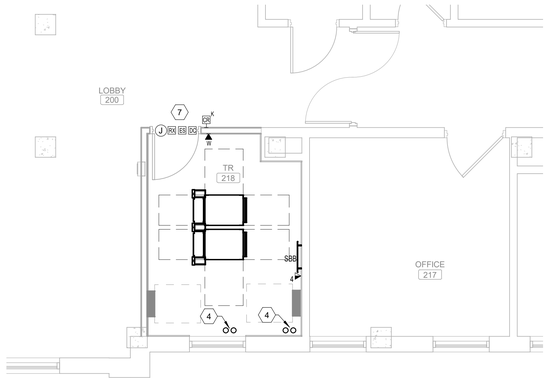
OFFICE 218, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



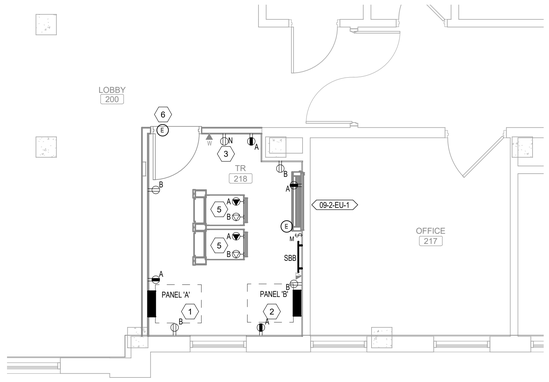
TELECOM ROOM 218, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 218, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 218, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING EQUIPMENT RACK.

4 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE DIAGRAMS ON SHEET 009.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE DIAGRAMS ON SHEET 009.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 001.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

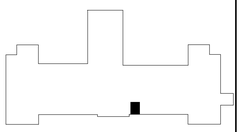
8 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 9, SECOND FLOOR, TELECOM ROOM 218 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 009.ET402

Dwg. 58 of 88

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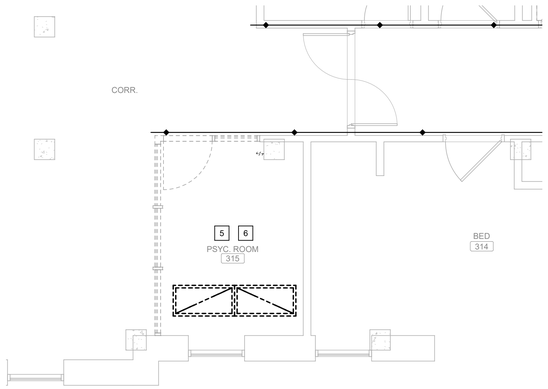
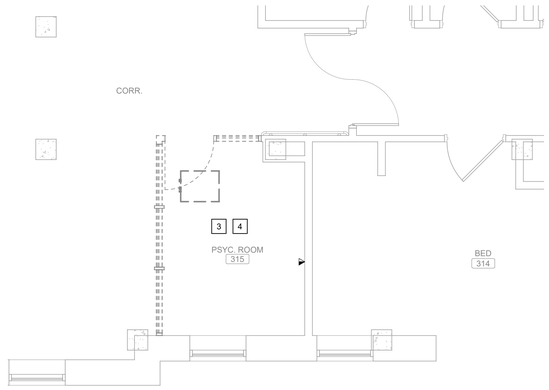


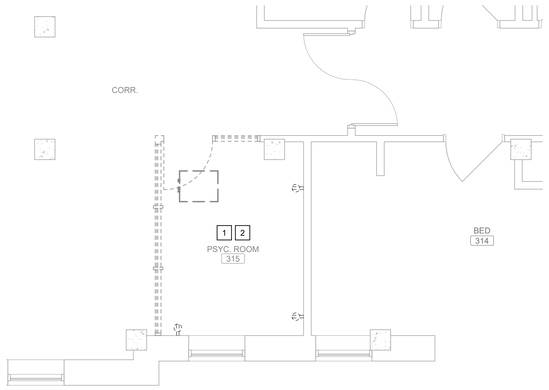
PSYC. ROOM 315, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



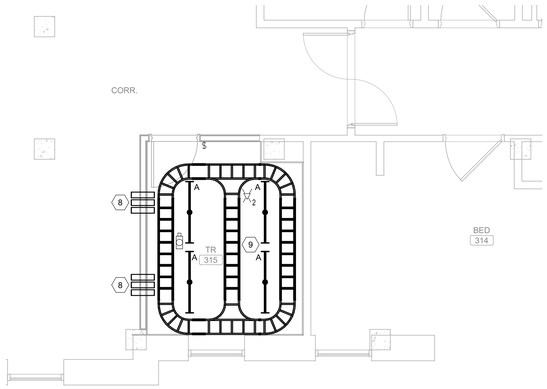
PSYC. ROOM 315, SYSTEMS DEMOLITION PLAN

Scale: 1/4" = 1'-0"



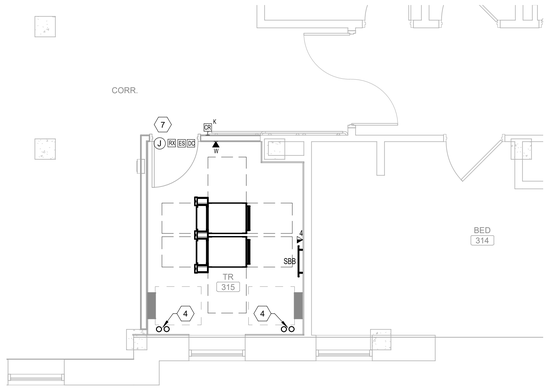
PSYC. ROOM 315, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



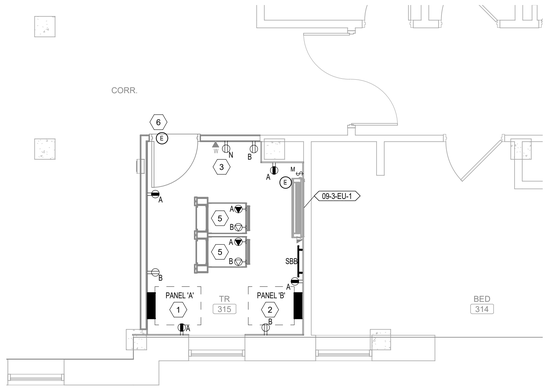
TELECOM ROOM 315, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 315, SYSTEMS PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 315, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING EQUIPMENT RACK.

4 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

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KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE RISER DIAGRAM ON SHEET 009.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE RISER DIAGRAM ON SHEET 009.ET602 AND THE G-SERIES DRAWINGS FOR SOURCE LOCATION. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 001.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

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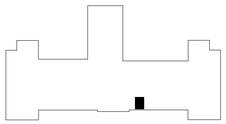
KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 9, THIRD FLOOR, TELECOM ROOM 315 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 009.ET403

Dwg. 59 of 88

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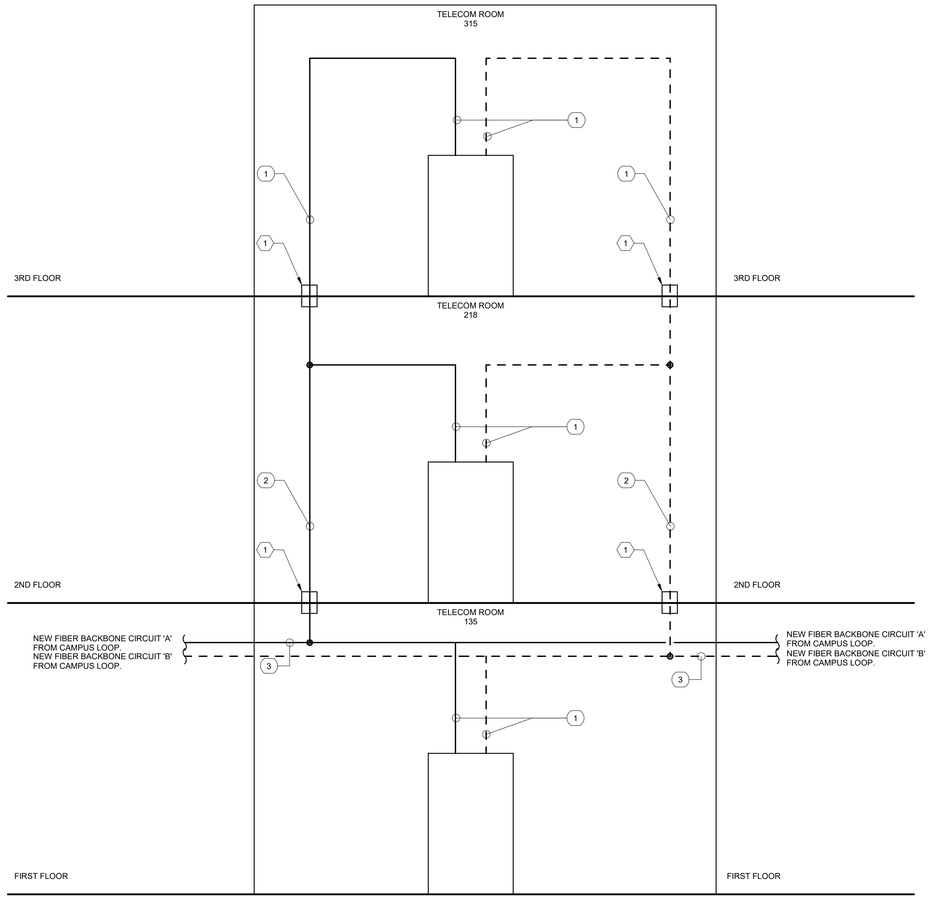
#	SHEET ET602 - BUILDING 9 FIBER RISER SCHEDULE	
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23
2	2	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

- CIRCUIT "A"
- CIRCUIT "B"



1 **BUILDING 9, FIBER RISER DIAGRAM**
Scale: No Scale

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISTING INFRASTRUCTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards — BICSI ID # 377721 — EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 9, FIBER RISER DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

Drawing Number: 009.ET601

Dwg. 60 of 88

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BUILDING 9 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.

SHEET NOTES:

A. REFERENCE BONDING DETAILS, SHEET 000.ET503.

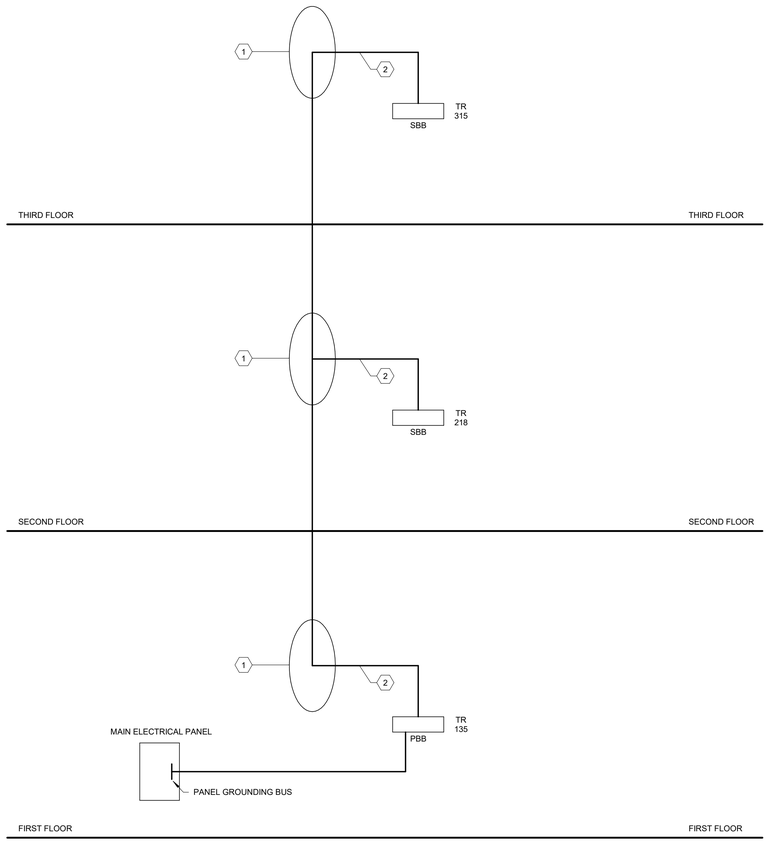
B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 - ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

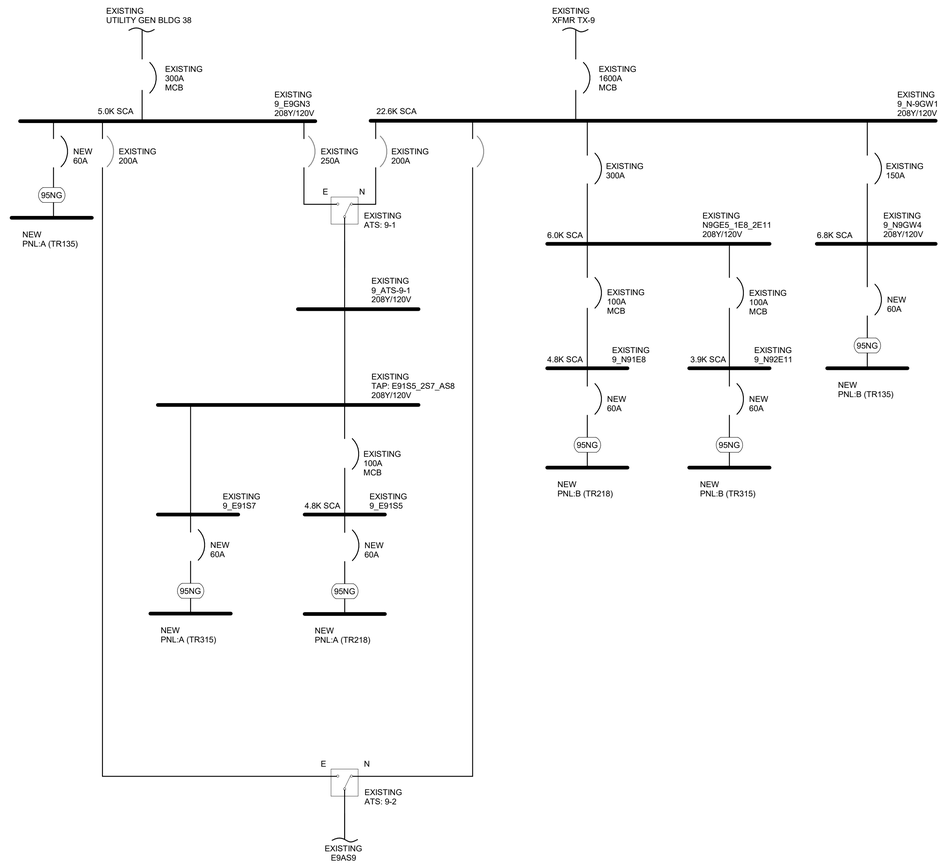
KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

2 PROVIDE TBC FROM SECONDARY BONDING BUSBAR (SBB) TO TBB.



2 BUILDING 9, BONDING RISER DIAGRAM
Scale: No Scale



1 BUILDING 9, SINGLE LINE DIAGRAM
Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

Bicsi — Registered Communications Distribution Designer — Andrew Richards, BICSI ID # 317721, EXPIRES 12-31-28 — RCDD — 3/23/2026

State of Louisiana — Kevin T. Kublank, License No. 38803 — Professional Engineer — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 9, SINGLE LINE AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 009.ET602

Dwg. 61 of 88

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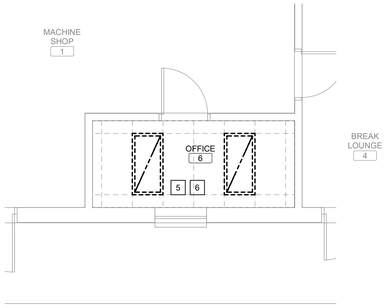
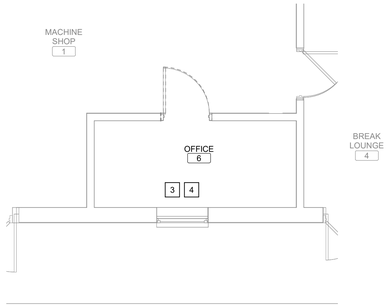


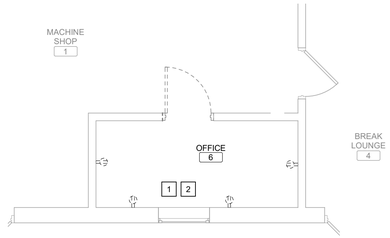
OFFICE 6, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



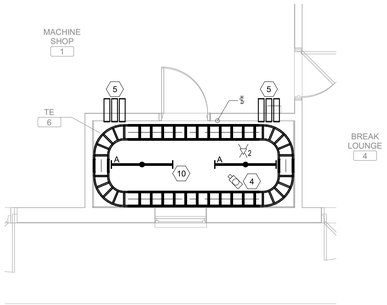
OFFICE 6, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



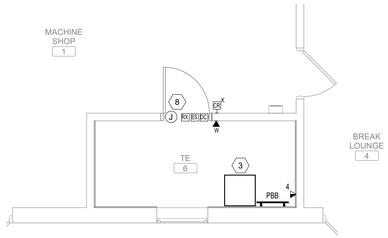
OFFICE 6, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



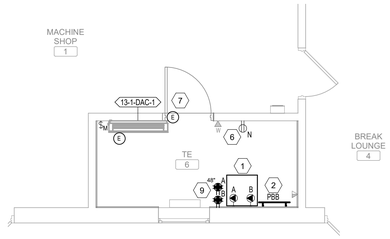
TELECOM ENCLOSURE 6, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 6, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 6, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

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F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
3 DISCONNECT AND REMOVE EXISTING EQUIPMENT RACK.
4 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK.
5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE TWO (2) NEMA L5-30 RECEPTACLES (PROVIDE A SINGLE GANG, EXTRA DEEP BOX FOR EACH RECEPTACLE) ON THE WALL BEHIND THE RACK ALIGNED WITH THE CUTOUT ON THE ENCLOSURE. ONE OUTLET ASSIGNED TO THE PDU. ONE OUTLET ASSIGNED TO THE UPS. EACH POWERED FROM SEPARATE, DEDICATED 30A/1P CIRCUITS CONTAINING 1-#10 AWG, 1-#8 AWG NEU, AND 1-#10 AWG EGC IN 3/4" C.
2 PROVIDE SBB. REFERENCE DETAIL 4/000.ET503 FOR MORE INFORMATION.
3 PROVIDE WALL MOUNTED TE. REFERENCE DETAIL 5/000.ET505 FOR MORE INFORMATION.
4 PROVIDE NEW CAMERA. COORDINATE LOCATION WITH VA OIT AND POLICE.
5 PROVIDE (3) 4" CORE DRILL WITH UL LISTED FIRE RATED SLEEVE.
6 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM. PROVIDE TWO RECEPTACLES IN THE SAME JUNCTION BOX FOR TE POWER. MOUNT OUTLETS SO THEY ARE ACCESSIBLE THROUGH THE TE CABINET CUTOUT. SEE DETAIL 5/000.ET505 FOR MORE INFORMATION.
7 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
8 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
9 CIRCUIT EACH QUAD TO PANEL N-13-3.
10 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER BICSI Andrew Richards BICSI ID # 377721 EXPIRES 12-31-26 RCDD 3/23/2026

STATE OF LOUISIANA KEVIN T. KUBLANK License No. 36853 PROFESSIONAL ENGINEER 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 13, TELECOM ENCLOSURE 6 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 013.ET401

Dwg. 62 of 88

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VA FORM 08-6231

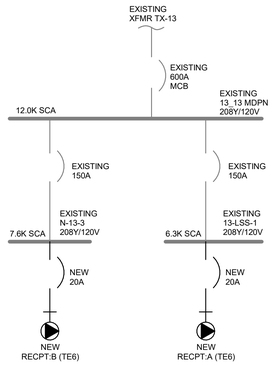
Docusign Envelope ID: 31EDC0F6-5827-45E5-8E99-758108BAC466

# SHEET 013.ET601 - BUILDING 6 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

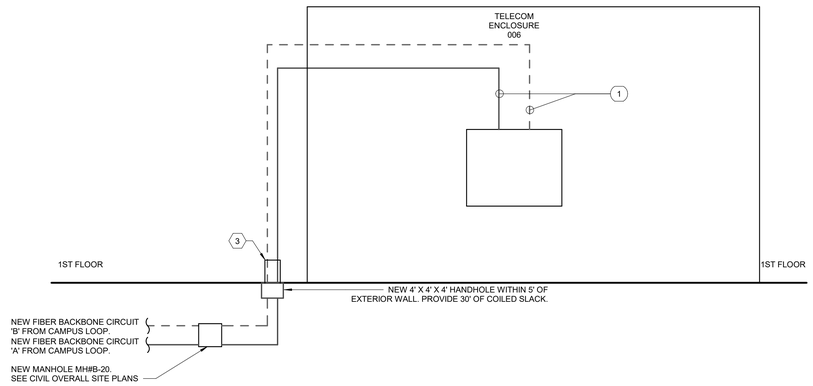
———— - CIRCUIT "A"

– – – – – - CIRCUIT "B"



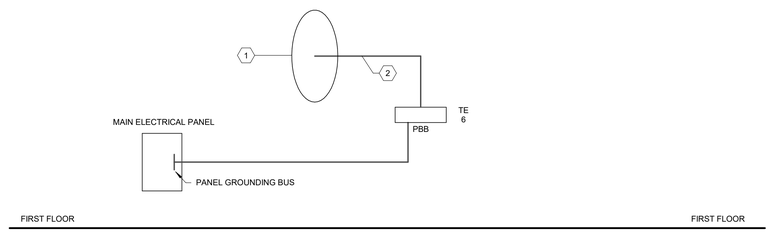
1 BUILDING 13, SINGLE LINE DIAGRAM

Scale: No Scale



2 BUILDING 13, FIBER RISER DIAGRAM

Scale: No Scale



3 BUILDING 13, BONDING RISER DIAGRAM

Scale: No Scale

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISTING INFRASTRUCTURE BETWEEN TR ROOMS AS REQUIRED.

B. REFERENCE BONDING DETAILS, SHEET 000.ET502.

C. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

D. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 – ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

2 PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.

3 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 13, SINGLE LINE, FIBER RISER, AND BONDING RISER DIAGRAMS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

Drawing Number: 013.ET601

Dwg. 63 of 88

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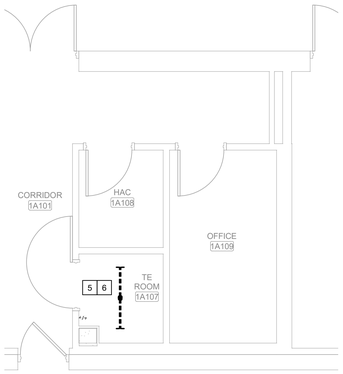
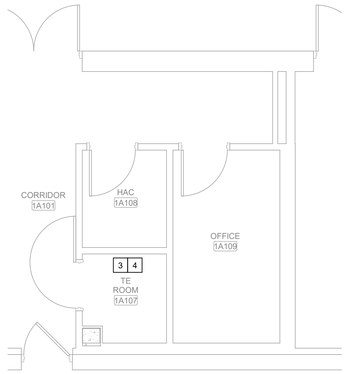
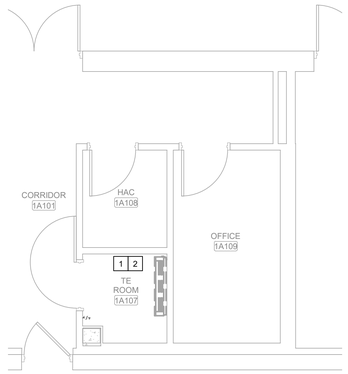


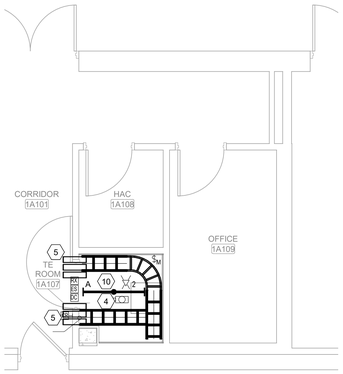
5 **TELECOM ROOM 1A107, CEILING DEMOLITION PLAN**
Scale: 1/4" = 1'-0"



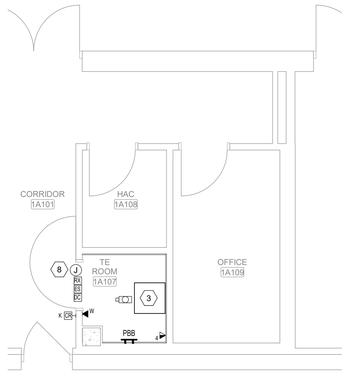
3 **TELECOM ROOM 1A107, TECHNOLOGY DEMOLITION PLAN**
Scale: 1/4" = 1'-0"



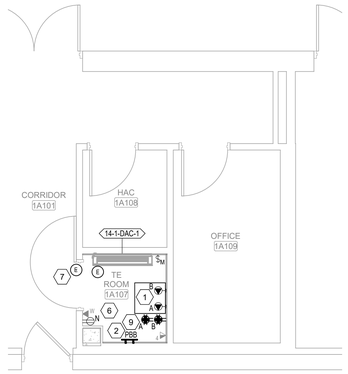
2 **TELECOM ROOM 1A107, POWER DEMOLITION PLAN**
Scale: 1/4" = 1'-0"



6 **TELECOM ROOM 1A107, CEILING PLAN**
Scale: 1/4" = 1'-0"



4 **TELECOM ROOM 1A107, TECHNOLOGY PLAN**
Scale: 1/4" = 1'-0"



1 **TELECOM ROOM 1A107, POWER PLAN**
Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

KEY NOTES:

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4 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK.
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KEY NOTES:

1 PROVIDE TWO (2) NEMA L5-30 RECEPTACLES (PROVIDE A SINGLE GANG, EXTRA DEEP BOX FOR EACH RECEPTACLE) ON THE WALL BEHIND THE RACK ALIGNED WITH THE CUTOUT ON THE ENCLOSURE. ONE OUTLET ASSIGNED TO THE PDU. ONE OUTLET ASSIGNED TO THE UPS. EACH POWERED FROM SEPARATE, DEDICATED 30A/1P CIRCUITS CONTAINING 1-#10 AWG, 1-#8 AWG NEU, AND 1-#10 AWG EGC IN 3/4" C.
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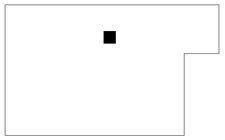
9 CIRCUIT EACH QUAD TO PANEL LE.
10 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION
2 HR - FIRE SEPARATION
SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371723, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 35853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 14, FIRST FLOOR, TELECOM ROOM 1A107 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved:

Date: MARCH 24, 2026 | Checked: ADR | Drawn: PDN

Drawing Number: 014.ET401

Dwg. 64 of 88

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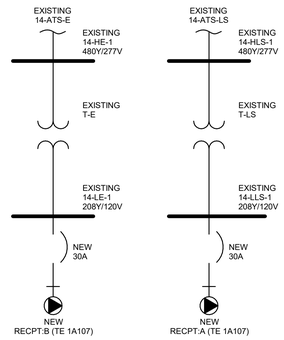
#	SHEET 147.ET601 - BUILDING 147 FIBER RISER SCHEDULE	
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23

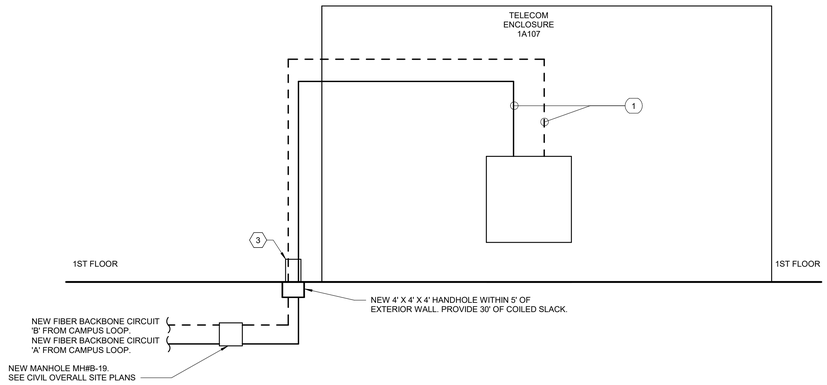
FIBER BACKBONE CIRCUIT LEGEND:

- CIRCUIT "A"
- CIRCUIT "B"



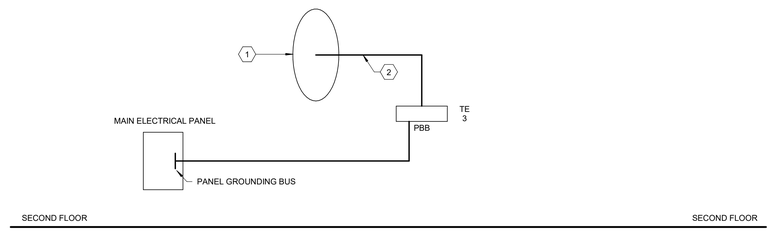
1 **BUILDING 14, SINGLE LINE DIAGRAM**

Scale: No Scale



2 **BUILDING 14, FIBER RISER DIAGRAM**

Scale: No Scale



3 **BUILDING 14, BONDING RISER DIAGRAM**

Scale: No Scale

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISTING INFRASTRUCTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1. PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.
2. PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.
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FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards — BICSI ID # 377721 — EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 14, SINGLE LINE, FIBER RISER, AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 014.ET601

Dwg. 65 of 88

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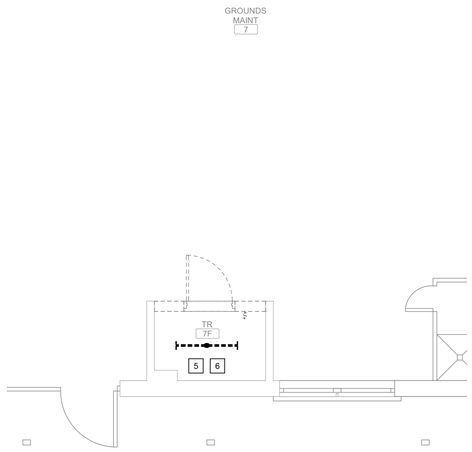
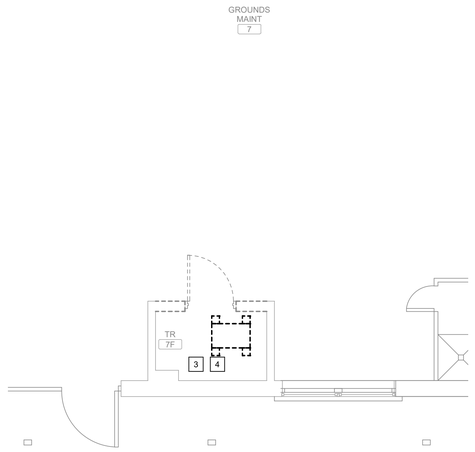


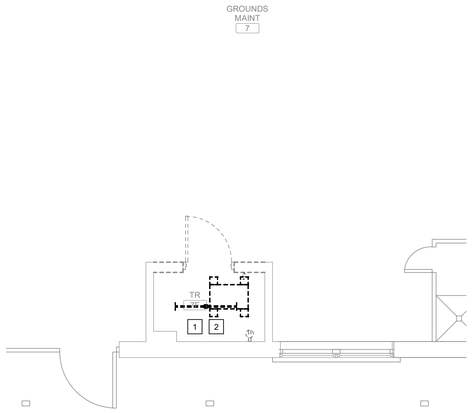
TELECOM ROOM 7F, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



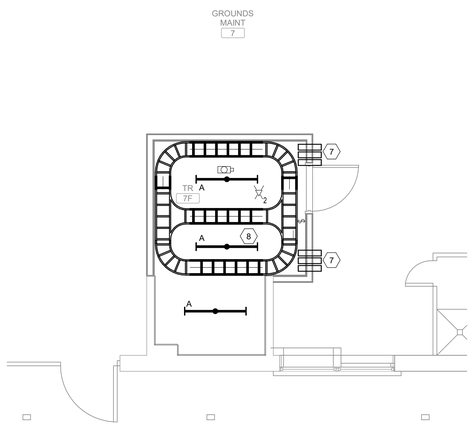
TELECOM ROOM 7F, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



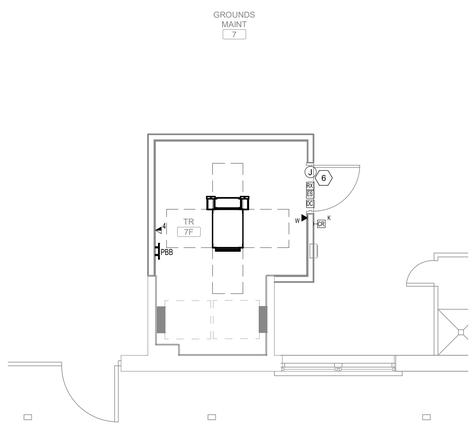
TELECOM ROOM 7F, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



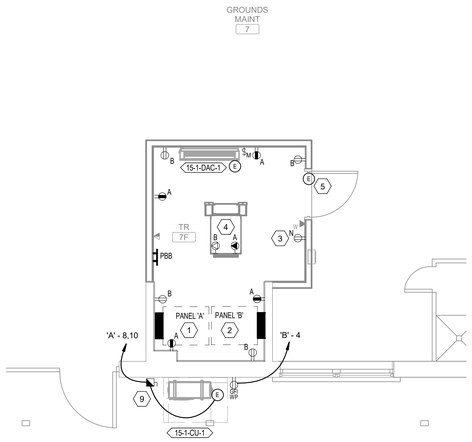
TELECOM ROOM 7F, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 7F, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 7F, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

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I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

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3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.
4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.
5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

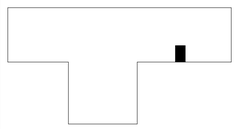
KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.
4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.
5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
7 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.
8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.
9 PROVIDE NEMA 3R 30A FUSED DISCONNECT AND CODE REQUIRED WP GFI OUTLET. POWER CONDENSING UNIT FROM PANEL 'A' OF THE TR THAT IT IS SERVING. USE 2P-20A CIRCUIT BREAKER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Bicsi — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28, RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883, PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 15, FIRST FLOOR, TELECOM ROOM 7F PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 015.ET401

Dwg. 66 of 88

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# SHEET 147.ET601 - BUILDING 147 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23

BUILDING 15 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.

FIBER BACKBONE CIRCUIT LEGEND:

———— - CIRCUIT "A"

– – – – – - CIRCUIT "B"

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISTING INFRASTRUCTURE BETWEEN TR ROOMS AS REQUIRED.

B. REFERENCE BONDING DETAILS, SHEET 000.ET503.

C. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

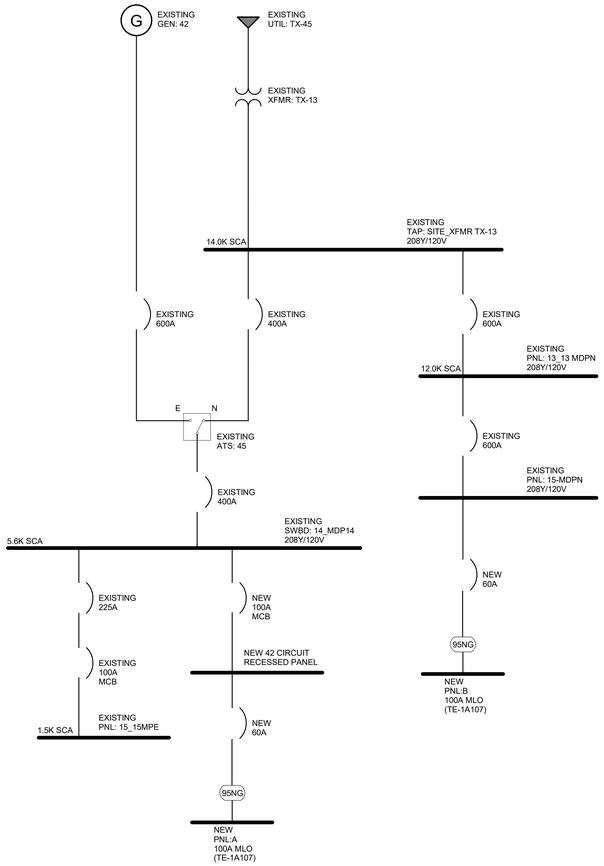
D. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 – ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

KEY NOTES:

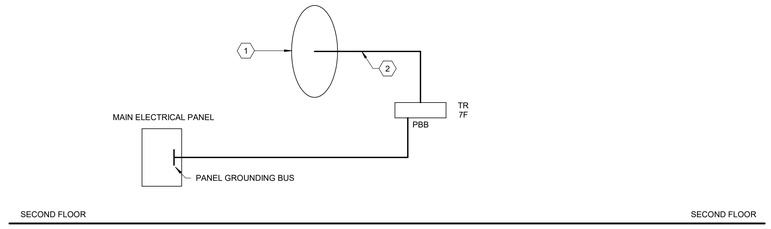
1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

2 PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.

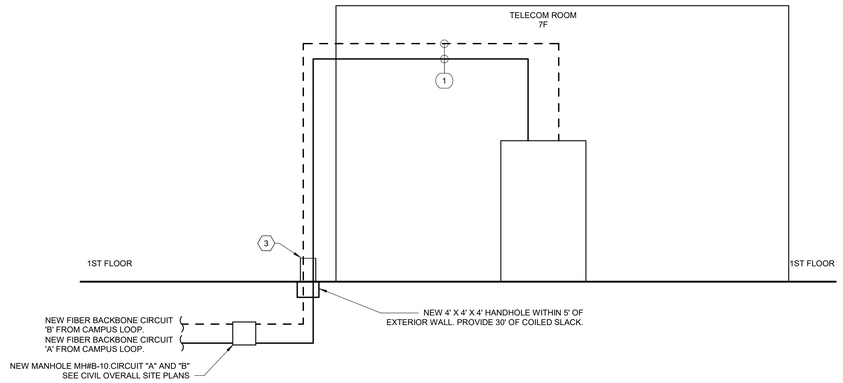
3 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.



3 **BUILDING 15, SINGLE LINE**
Scale: No Scale



2 **BUILDING 15 BONDING RISER DIAGRAM**
Scale: No Scale



1 **BUILDING 15, FIBER RISER DIAGRAM**
Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards — BICSI ID # 377721 — EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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Cary, North Carolina 27511

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 15, SINGLE LINE, FIBER RISER, AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

Drawing Number: 015.ET601

Dwg. 67 of 88

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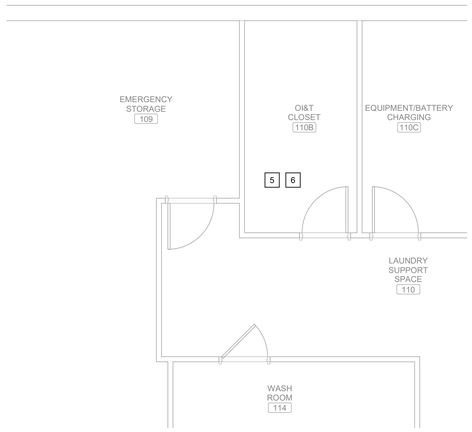
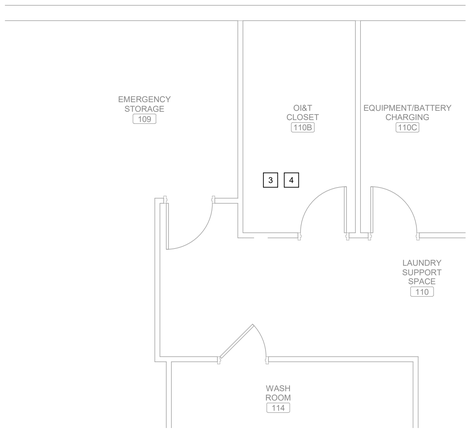


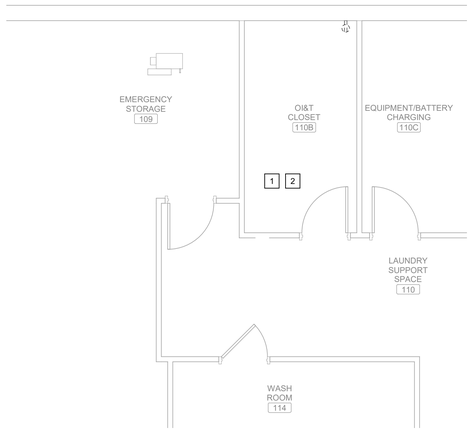
OI&T CLOSET 110B, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



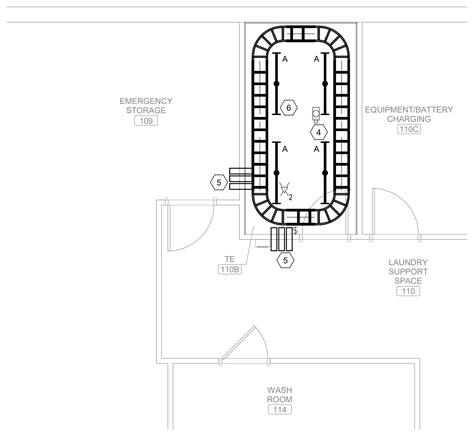
OI&T CLOSET 110B, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



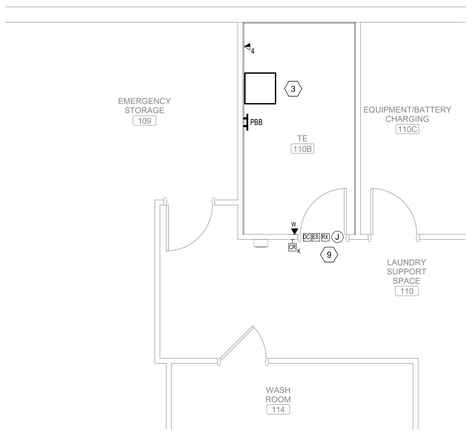
OI&T CLOSET 110B, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



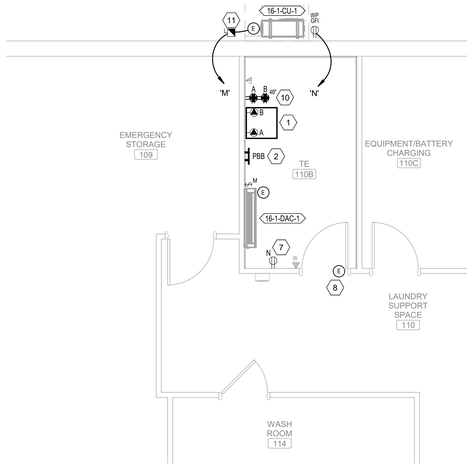
TELECOM ENCLOSURE 110B, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 110B, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 110B, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
2 DISCONNECT AND REMOVE RECEPTACLES. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
3 DISCONNECT AND REMOVE EXISTING EQUIPMENT RACK.
4 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK.
5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

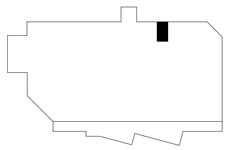
KEY NOTES:

1 PROVIDE TWO (2) NEMA L5-30 RECEPTACLES (PROVIDE A SINGLE GANG, EXTRA DEEP BOX FOR EACH RECEPTACLE) ON THE WALL BEHIND THE RACK ALIGNED WITH THE CUTOUT ON THE ENCLOSURE. ONE OUTLET ASSIGNED TO THE PDU. ONE OUTLET ASSIGNED TO THE UPS. EACH POWERED FROM SEPARATE, DEDICATED 30A/1P CIRCUITS CONTAINING 1-#10 AWG, 1-#8 AWG NEU, AND 1-#10 AWG EGC IN 3/4" C.
2 PROVIDE SBB. REFERENCE DETAIL 4/000.ET503 FOR MORE INFORMATION.
3 PROVIDE WALL MOUNTED TE. REFERENCE DETAIL 5/000.ET505 FOR MORE INFORMATION.
4 PROVIDE NEW CAMERA. COORDINATE LOCATION WITH VA OIT AND POLICE.
5 PROVIDE 3-4" CORE DRILL WITH UL LISTED FIRE RATED SLEEVE.
6 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.
7 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM. PROVIDE TWO RECEPTACLES IN THE SAME JUNCTION BOX FOR TE POWER. MOUNT OUTLETS SO THEY ARE ACCESSIBLE THROUGH THE TE CABINET CUTOUT. SEE DETAIL 5/000.ET505 FOR MORE INFORMATION.
8 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
9 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
10 CIRCUIT EACH QUAD RECEPTACLE TO PANEL 'M'.
11 PROVIDE NEMA 3R 30A FUSED DISCONNECT AND CODE REQUIRED WP GFI OUTLET. POWER CONDENSING UNIT FROM PANEL 'A' OF THE TR THAT IT IS SERVING. USE 2P-20A CIRCUIT BREAKER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION
2 HR - FIRE SEPARATION
SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Bicsi — Andrew Richards, BICSI ID # 277721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 30883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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Apogee Consulting Group, P.A.
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Cary, North Carolina 27511

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 16, FIRST FLOOR, TELECOM ENCLOSURE 110B PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 016.ET401

Dwg. 68 of 88

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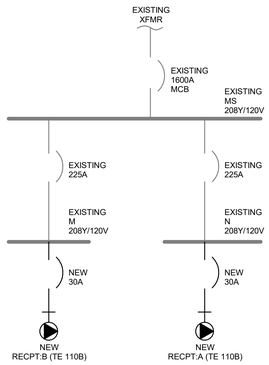
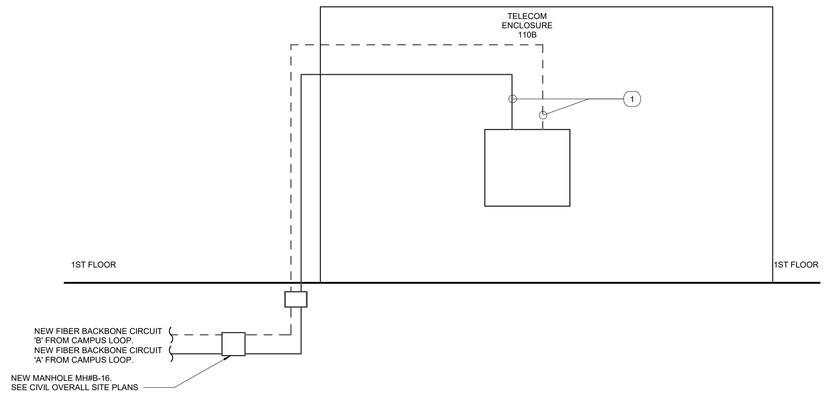
# SHEET 016.ET601 - BUILDING 16 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

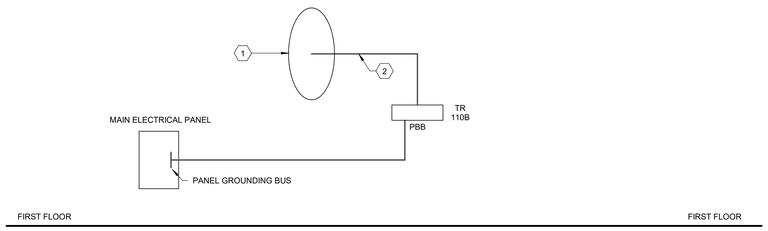
- CIRCUIT "A"
- CIRCUIT "B"



1 **BUILDING 16, SINGLE LINE DIAGRAM**
Scale: No Scale



2 **BUILDING 16, FIBER RISER DIAGRAM**
Scale: No Scale



3 **BUILDING 16, BONDING RISER DIAGRAM**
Scale: No Scale

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISTING INFRASTRUCTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

2 PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER BICSI Andrew Richards BICSI ID # 277721 EXPIRES 12-31-28 RCDD 3/23/2026

STATE OF LOUISIANA KEVIN T. KUBLANK License No. 38883 PROFESSIONAL ENGINEER 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 16, SINGLE LINE, FIBER RISER, AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 016.ET601

Dwg. 69 of 88

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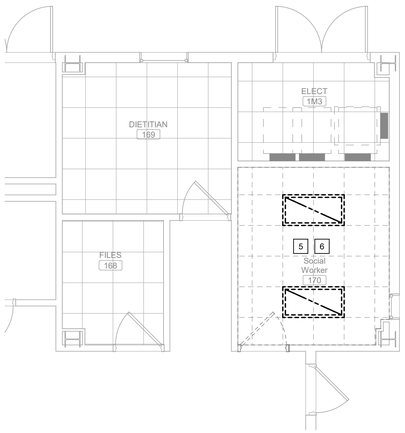
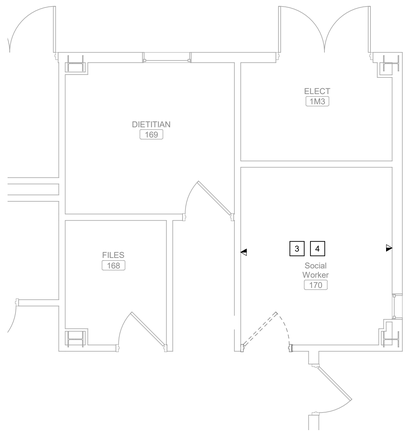


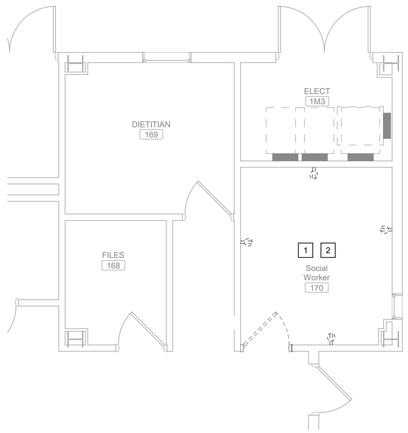
SOCIAL WORKER 170, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



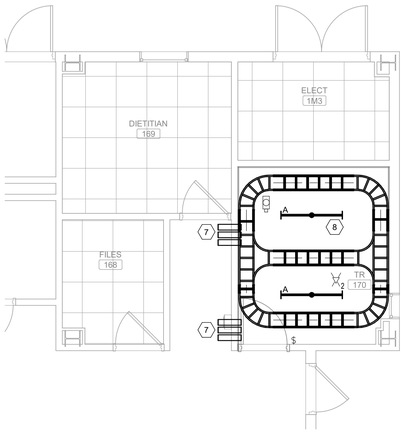
SOCIAL WORKER 170, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



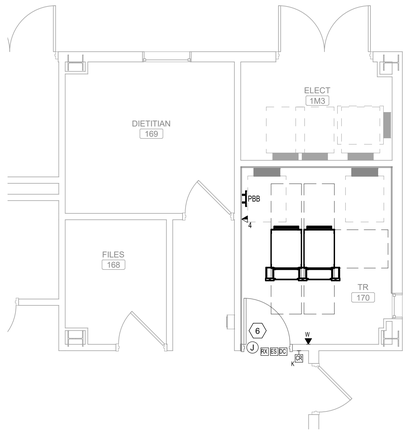
SOCIAL WORKER 170, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



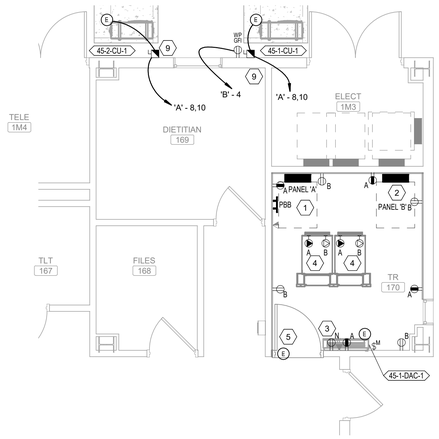
TELECOM ROOM 170, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 170, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 170,POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

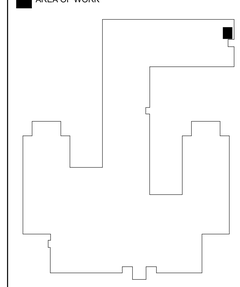
8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

9 PROVIDE NEMA 3R 30A FUSED DISCONNECT AND CODE REQUIRED WP GFI OUTLET. POWER CONDENSING UNIT FROM PANEL 'A' OF THE TR THAT IT IS SERVING. USE 2P-20A CIRCUIT BREAKER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 317721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 35853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 45, FIRST FLOOR, TELECOM ROOM 170

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 045.ET401

Dwg. 70 of 88

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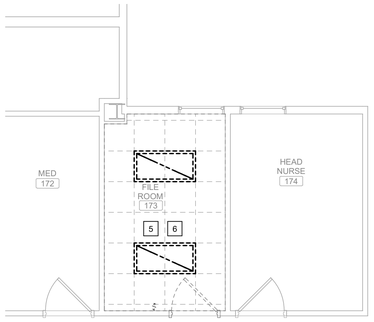
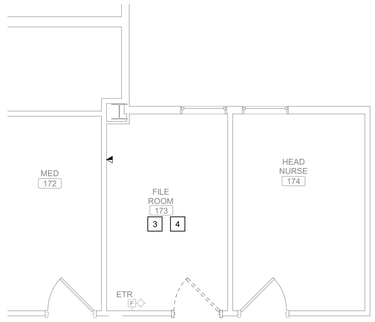


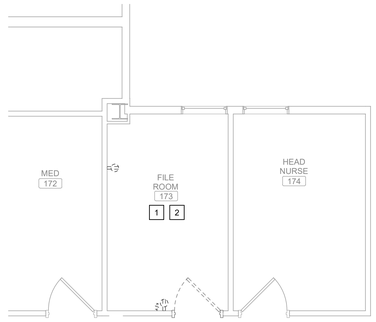
FILE ROOM 173, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



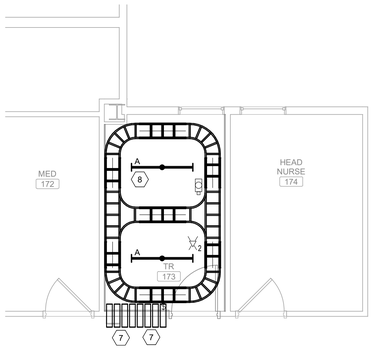
FILE ROOM 173, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



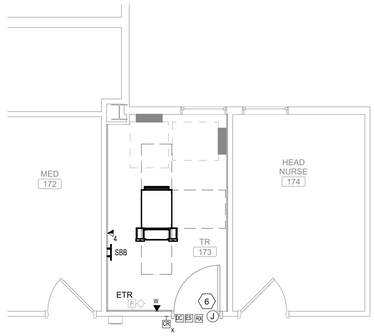
FILE ROOM 173, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



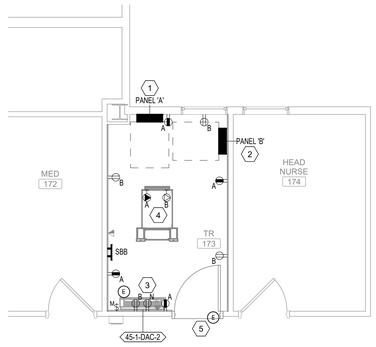
TELECOM ROOM 173, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 173, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 173,POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.
4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.
5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

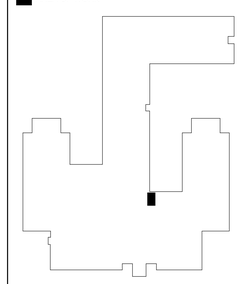
KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.
3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.
4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.
5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
7 PROVIDE 4 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.
8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION
2 HR - FIRE SEPARATION
SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 271721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 45, FIRST FLOOR, TELECOM ROOM 173

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 045.ET402

Dwg. 71 of 88

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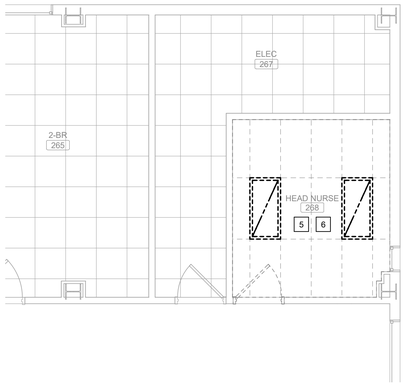
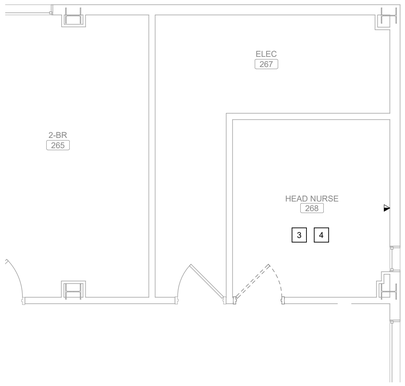


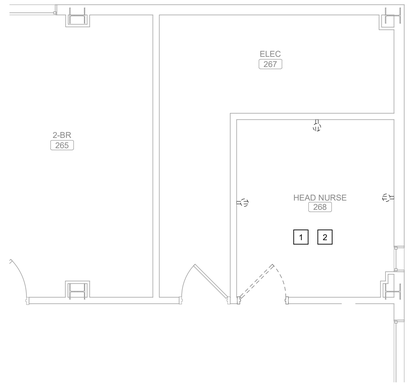
HEAD NURSE 268, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



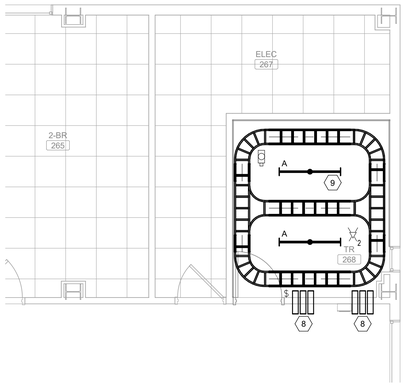
HEAD NURSE 268, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



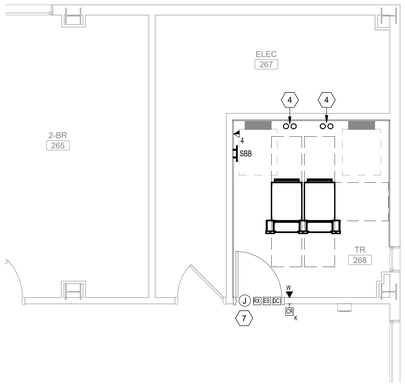
HEAD NURSE 268, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



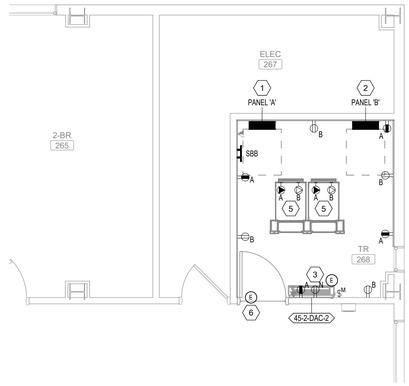
TELECOM ROOM 268, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 268, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 268, ELECTRICAL POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 001.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

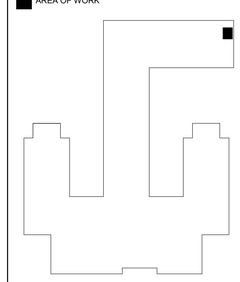
8 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER BICSI Andrew Richards BICSI ID # 377721 EXPIRES 12-31-26 RCDD 3/23/2026

STATE OF LOUISIANA KEVIN T. KUBLANK License No. 36853 PROFESSIONAL ENGINEER 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 45, SECOND FLOOR, TELECOM ROOM 268

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 045.ET403

Dwg. 72 of 88

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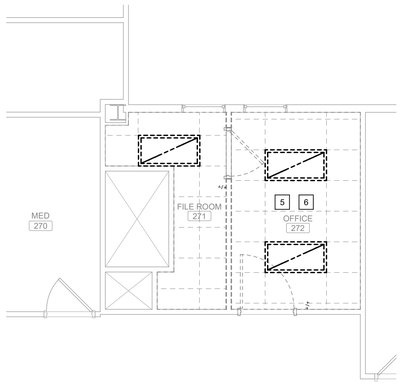
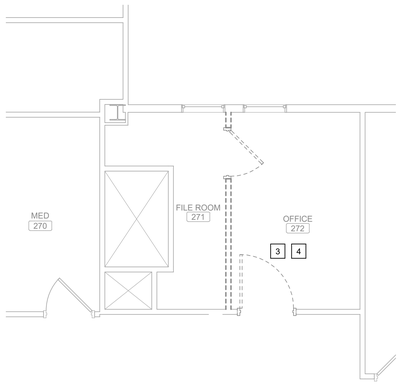


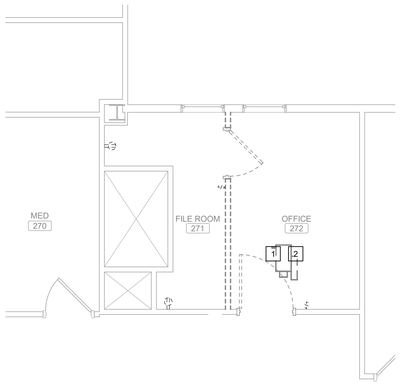
OFFICE 272, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



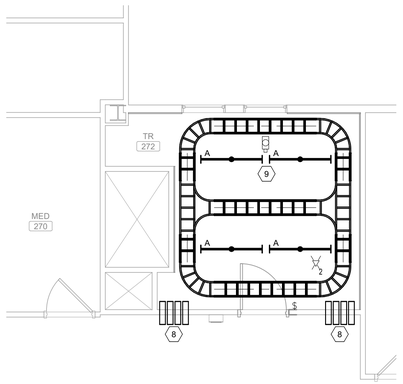
OFFICE 272, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



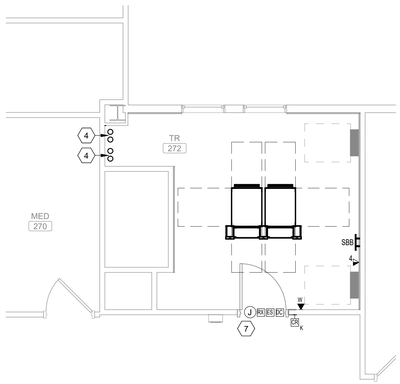
OFFICE 272, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



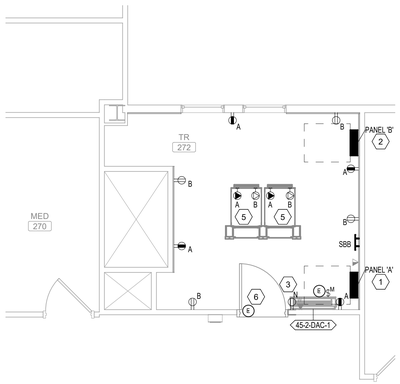
TELECOM ROOM 272, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 272, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 272, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

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C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

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F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B. SEE 001.ET601 FOR MORE INFORMATION. COORDINATE ALL WORK.

5 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

6 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

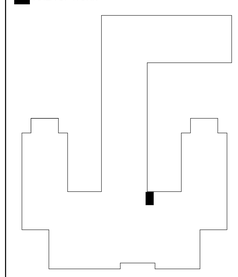
8 PROVIDE 4 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



WALL RATING LEGEND

1 HR - FIRE SEPARATION

2 HR - FIRE SEPARATION

SMOKE RESISTIVE HAZARDOUS AREA

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-26 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 45, SECOND FLOOR, TELECOM ROOM 272

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 045.ET404

Dwg. 73 of 88

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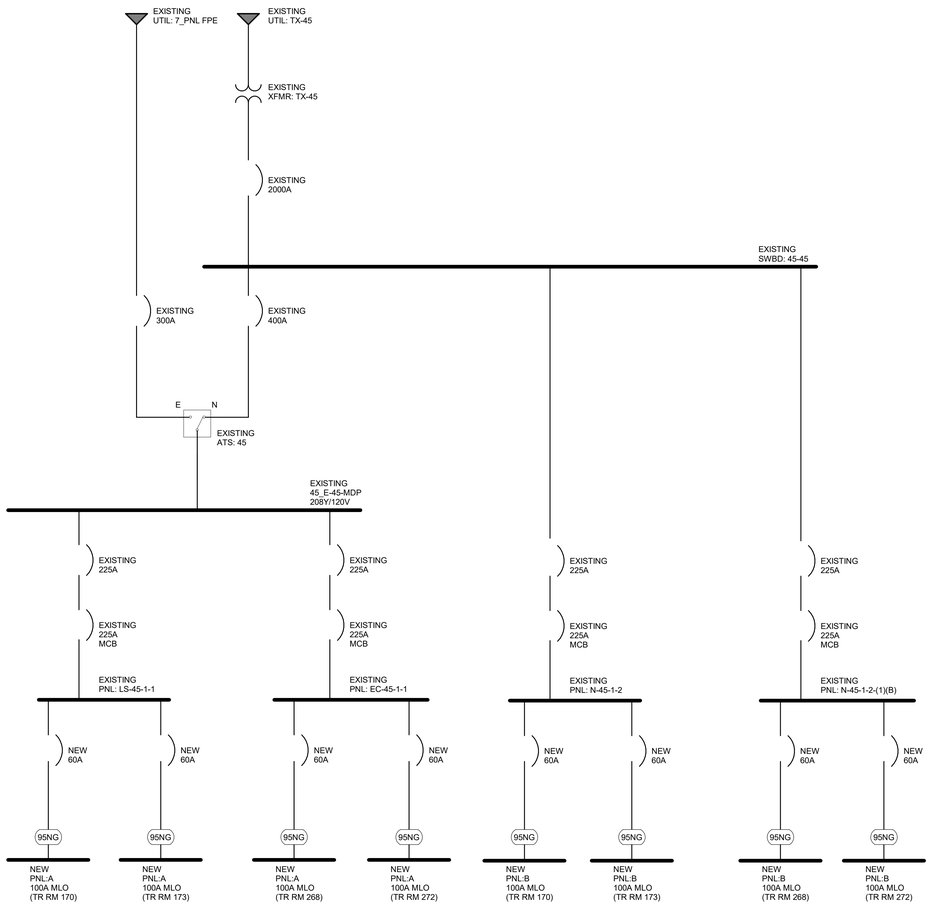


3 BUILDING 45, SINGLE LINE DIAGRAM

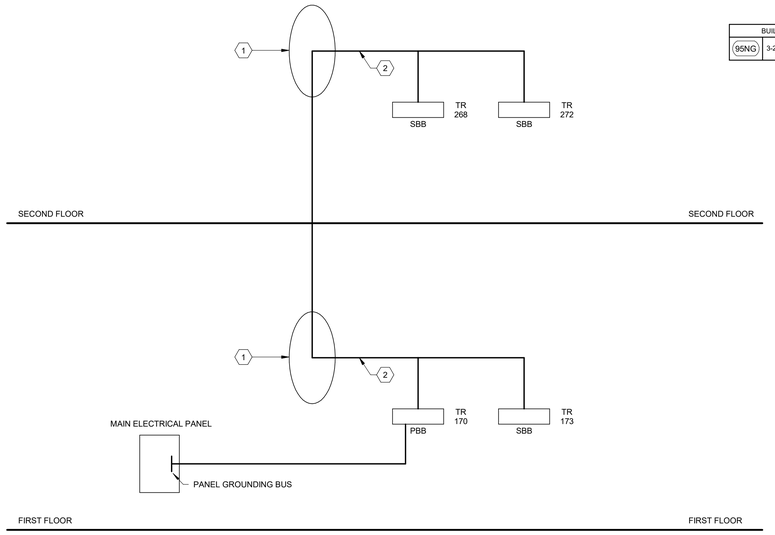
Scale: No Scale

BUILDING 45 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23
2	2	SEE SPECIFICATION 27 13 23
4	4	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

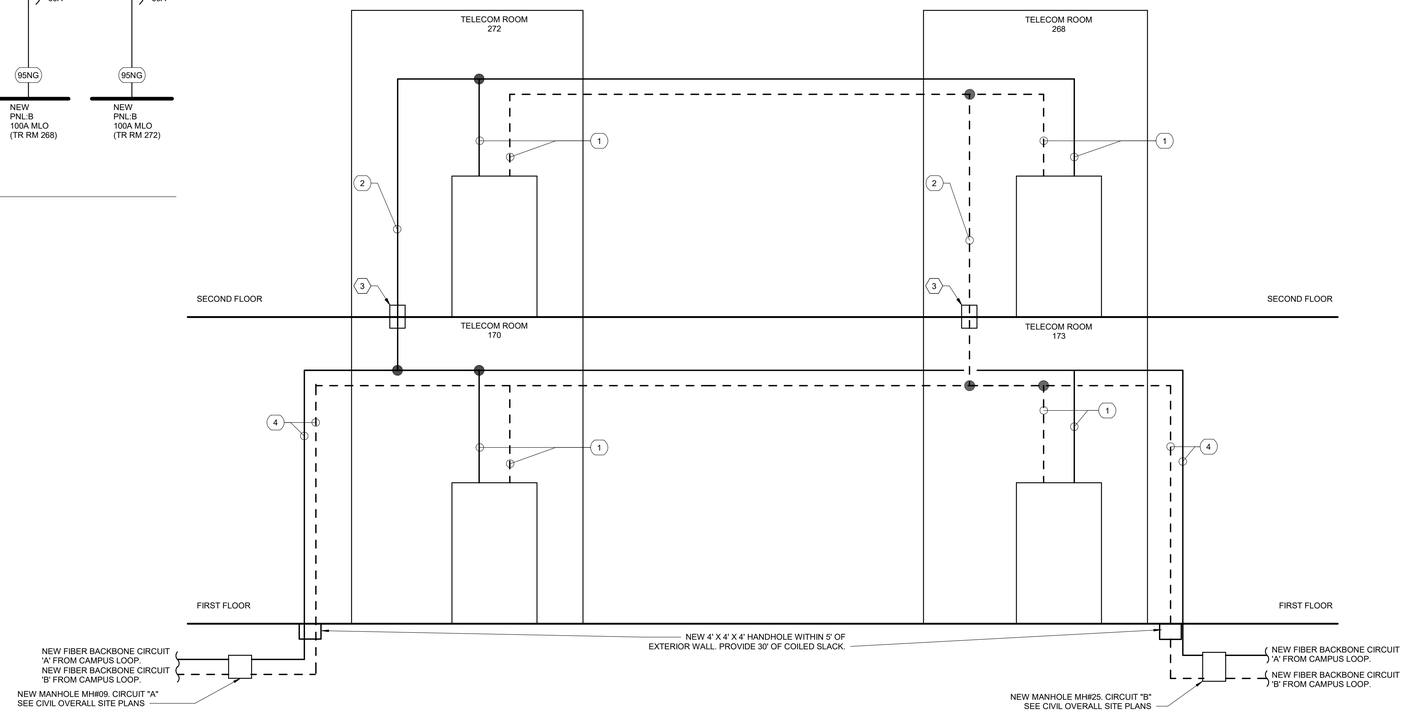
- CIRCUIT "A"
- CIRCUIT "B"

BUILDING 45 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.



1 BUILDING 45, BONDING RISER DIAGRAM

Scale: No Scale



2 BUILDING 45, FIBER RISER DIAGRAM

Scale: No Scale

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISTING INFRASTRUCTURE BETWEEN TR ROOMS AS REQUIRED.

B. REFERENCE BONDING DETAILS, SHEET 000.ET503.

C. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

D. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 - ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

2 PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.

3 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards — BICSI ID # 377721 — EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 36853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
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Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 45, SINGLE LINE, FIBER RISER, AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 045.ET601

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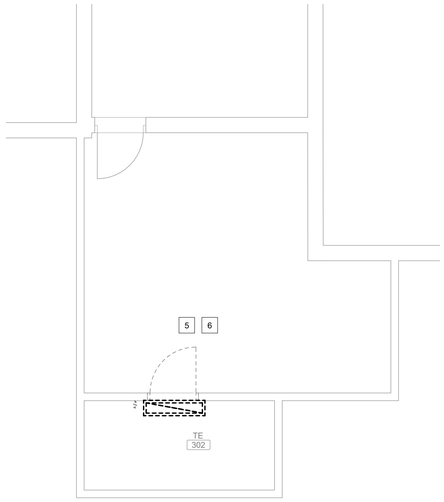
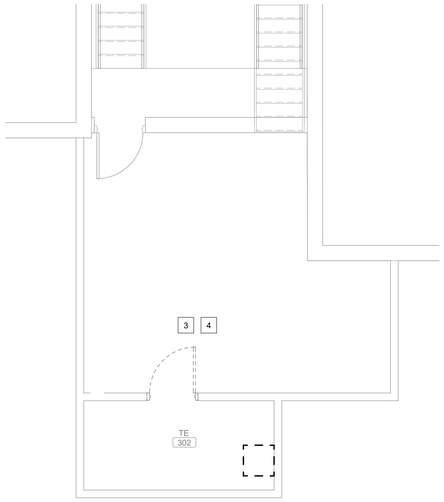


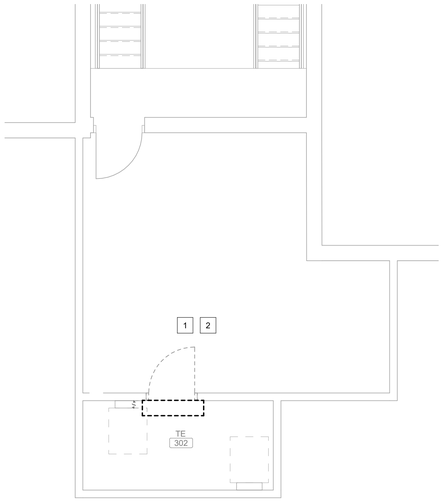
EXISTING ROOM 302, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



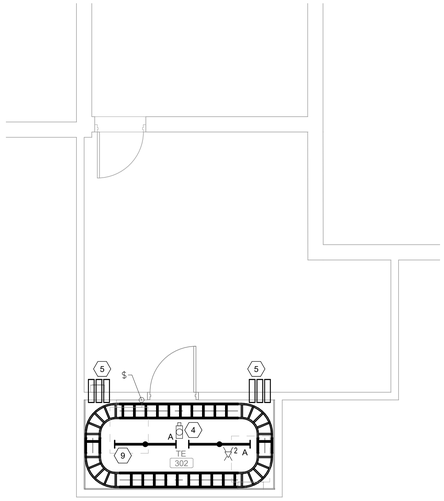
EXISTING ROOM 302, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



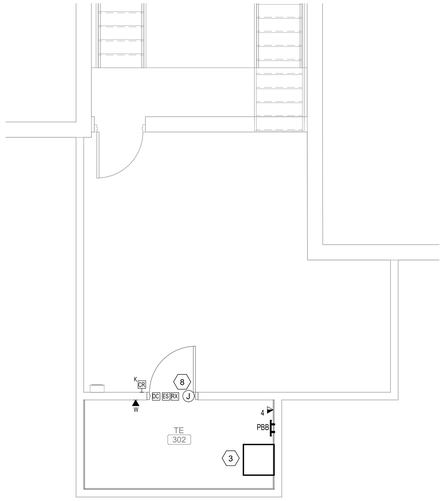
EXISTING ROOM 302, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



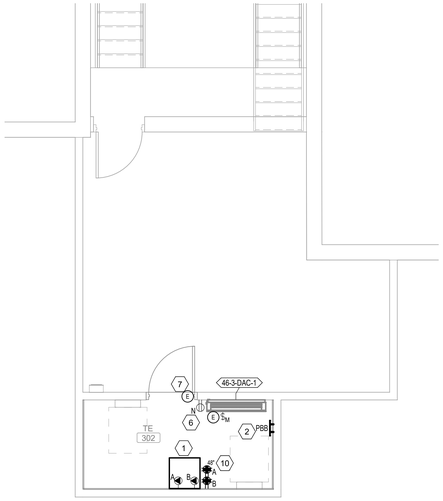
TELECOM ENCLOSURE 302, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 302, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 302, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING EQUIPMENT RACK.

4 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE TWO (2) NEMA L5-30 RECEPTACLES (PROVIDE A SINGLE GANG, EXTRA DEEP BOX FOR EACH RECEPTACLE) ON THE WALL BEHIND THE RACK ALIGNED WITH THE CUTOUT ON THE ENCLOSURE. ONE OUTLET ASSIGNED TO THE PDU. ONE OUTLET ASSIGNED TO THE UPS. EACH POWERED FROM SEPARATE, DEDICATED 30A/1P CIRCUITS CONTAINING 1-#10 AWG, 1-#8 AWG NEU, AND 1-#10 AWG EGC IN 3/4" C.

2 PROVIDE SBB. REFERENCE DETAIL 4/000.ET503 FOR MORE INFORMATION.

3 PROVIDE WALL MOUNTED TE. REFERENCE DETAIL 5/000.ET505 FOR MORE INFORMATION.

4 PROVIDE NEW CAMERA. COORDINATE LOCATION WITH VA OIT AND POLICE.

5 THREE 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES.

6 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM. PROVIDE TWO RECEPTACLES IN THE SAME JUNCTION BOX FOR TE POWER. MOUNT OUTLETS SO THEY ARE ACCESSIBLE THROUGH THE TE CABINET CUTOUT. SEE DETAIL 5/000.ET505 FOR MORE INFORMATION.

7 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

8 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

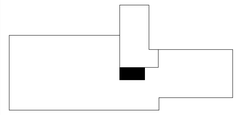
9 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

10 CIRCUIT EACH QUAD RECEPTACLE TO PANEL 'A'.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Andrew Richards, BICSI ID # 371721, EXPIRES 12-31-26, RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 36883, PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
Apogee Consulting Group, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 46, THIRD FLOOR, TELECOM ENCLOSURE 302 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 046.ET401

Dwg. 75 of 88

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# SHEET 046.ET601 - BUILDING 46 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

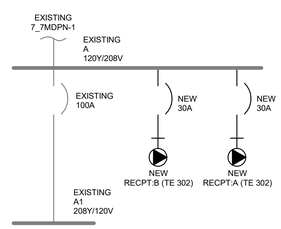
- CIRCUIT "A"
- CIRCUIT "B"

SHEET NOTES:

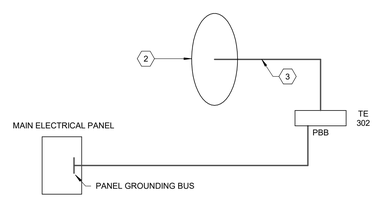
A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

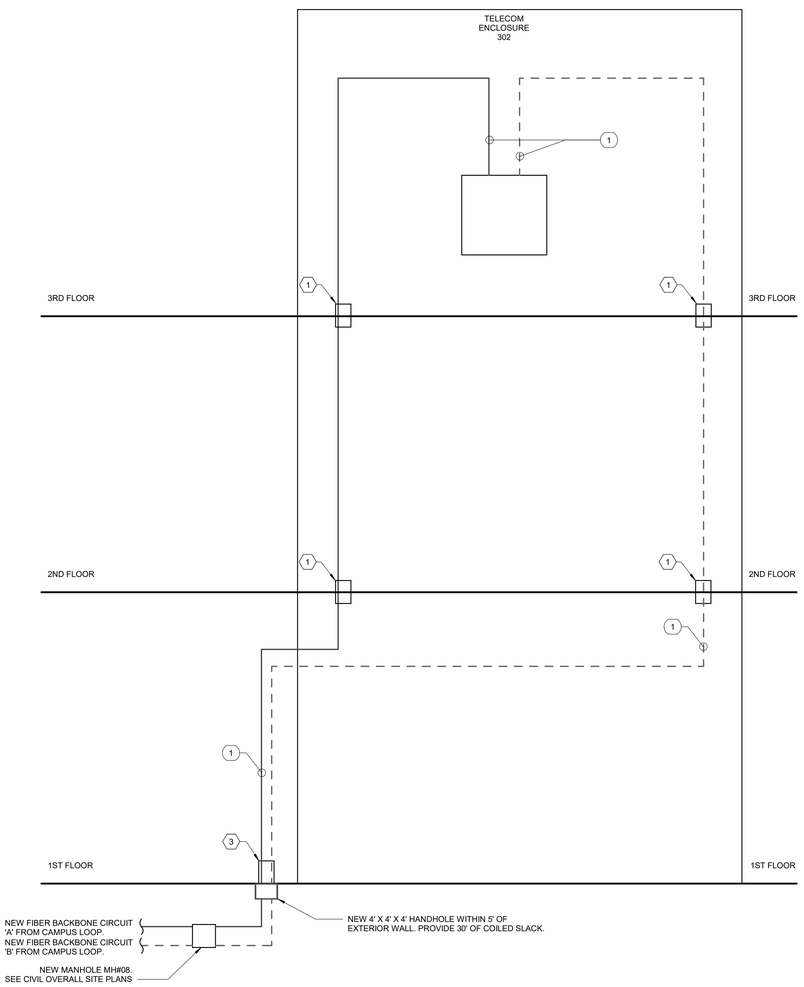
1. PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.
2. PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.
3. PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.



2 BUILDING 46, SINGLE LINE DIAGRAM
Scale: No Scale



3 BUILDING 46, BONDING RISER DIAGRAM
Scale: No Scale



1 BUILDING 46, FIBER RISER DIAGRAM
Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — Andrew Richards, BICSI ID # 277721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER — ACG Project Number 20-398

APOGEE Engineers | Architects

Headquarters:
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 46, SINGLE LINE, FIBER RISER, AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 046.ET601

Dwg. 76 of 88

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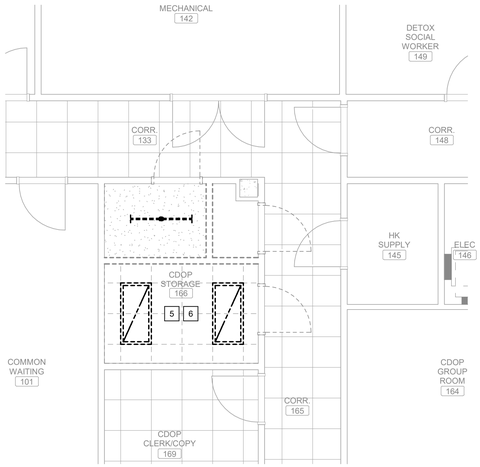
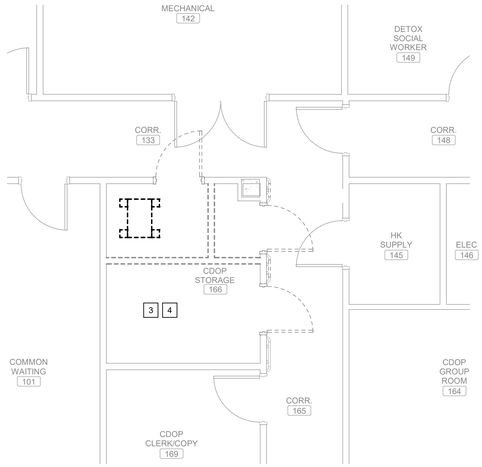


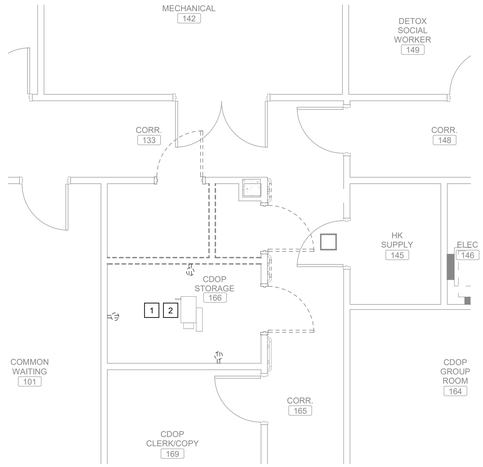
CDOP STORAGE 166, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



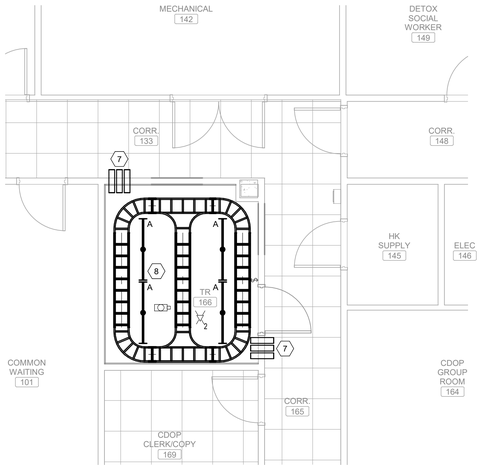
CDOP STORAGE 166, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



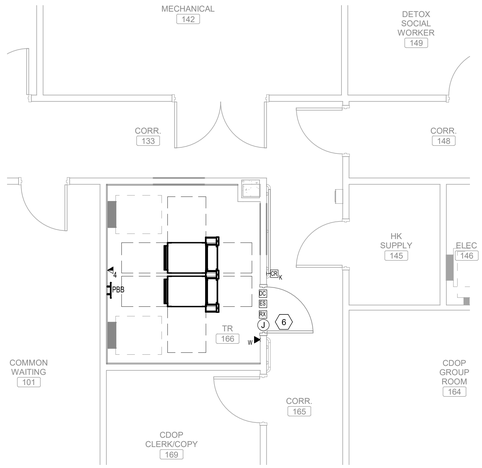
CDOP STORAGE 166, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



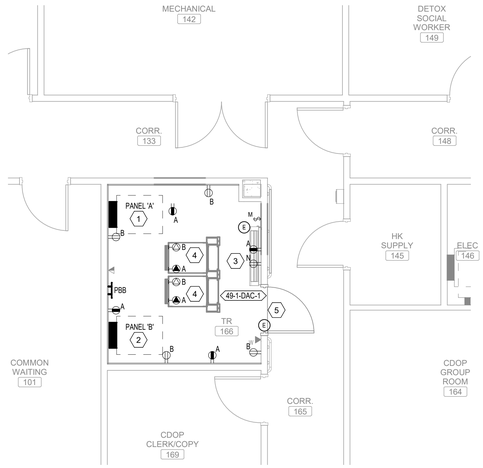
TELECOM ROOM 166, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 166, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 166, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE DIAGRAMS ON SHEET 049.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE DIAGRAMS ON SHEET 049.ET602 AND THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

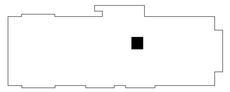
7 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 49, TELECOM ROOM 166 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 049.ET401

Dwg. 77 of 88

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# SHEET 049.ET601 - BUILDING 49 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

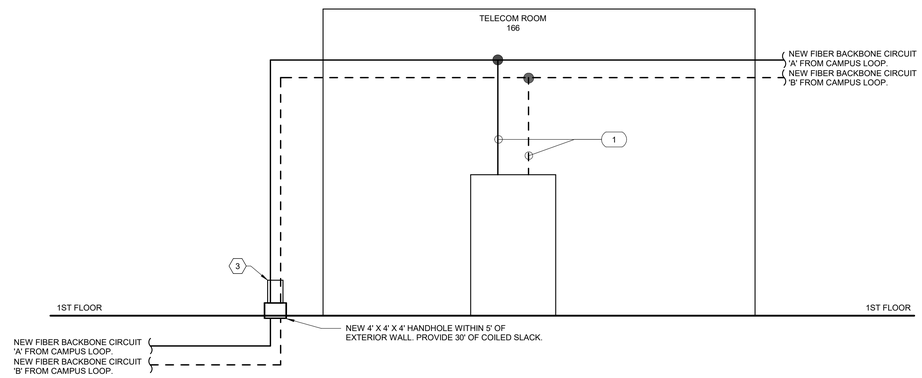
- CIRCUIT "A"
- CIRCUIT "B"

SHEET NOTES:

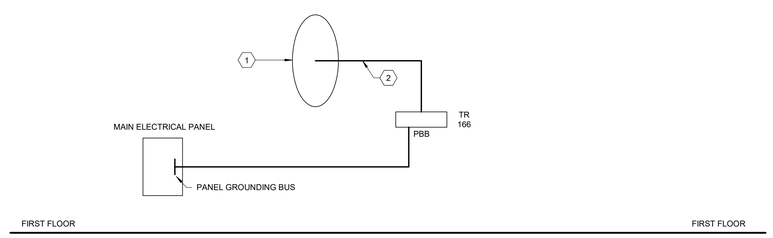
A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1. PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.
2. PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.
3. PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.



1 BUILDING 49, FIBER RISER DIAGRAM
Scale: No Scale



2 BUILDING 49, BONDING RISER DIAGRAM
Scale: No Scale

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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 49, FIBER AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

Drawing Number: 049.ET601

Dwg. 78 of 88

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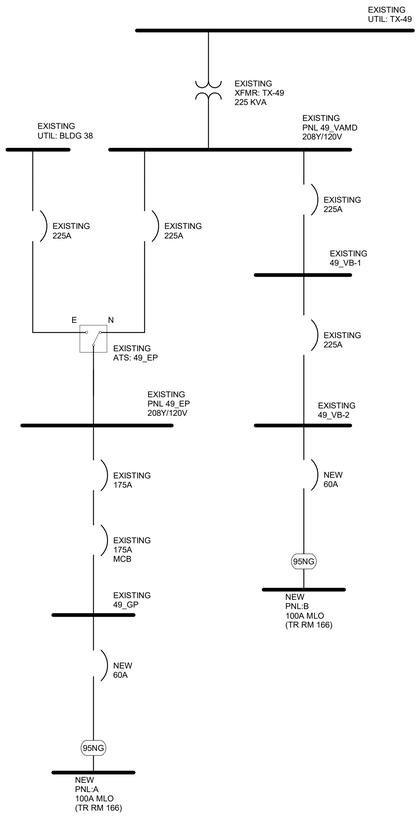
BUILDING 49 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.



1 **BUILDING 49, SINGLE LINE DIAGRAM**
Scale: No Scale

SHEET NOTES:

A. REFERENCE BONDING DETAILS, SHEET 000.ET503

B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 – ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

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ACG Project Number 20-398

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 49, SINGLE LINE DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM
2495 SHREVEPORT HWY, 71N
PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 049.ET602

Dwg. 79 of 88

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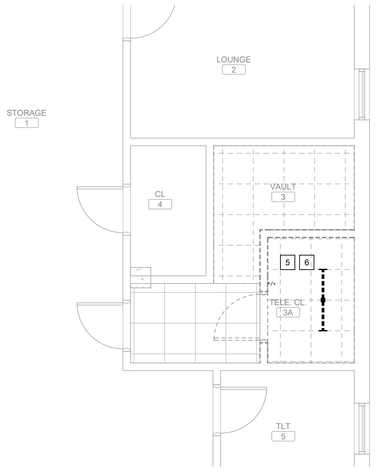
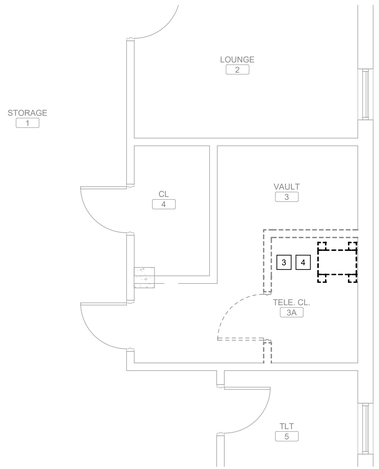


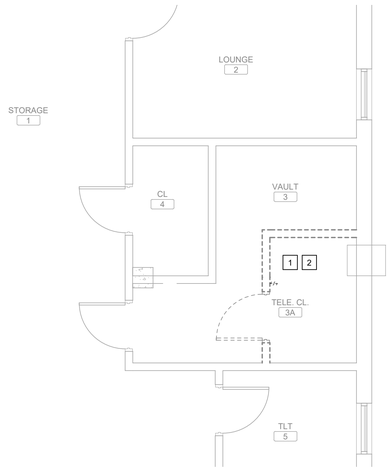
TELECOM CLOSET 3, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



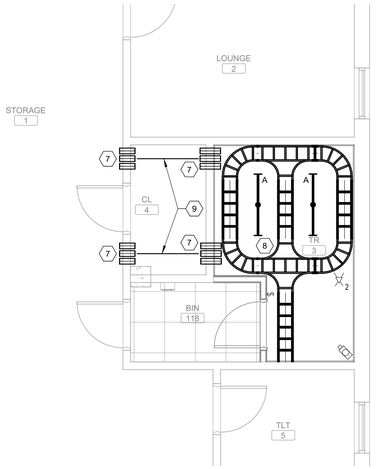
TELECOM CLOSET 3, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



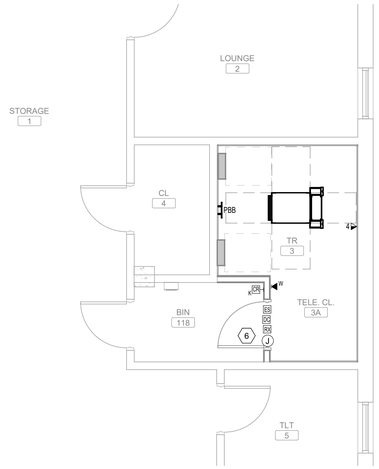
TELECOM CLOSET 3, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



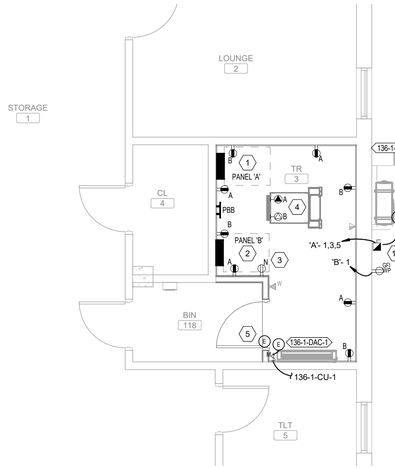
TELECOM ROOM 3, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 3, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ROOM 3, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT MECHANICAL EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE RECEPTACLE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

3 DISCONNECT AND REMOVE EXISTING DATA OUTLETS IN ROOM.

4 DISCONNECT AND REMOVE CONDUIT AND CABLING IN ROOM.

5 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

6 DISCONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE CRITICAL POWER PANEL AND FEEDER FOR PANEL "A". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

2 PROVIDE NORMAL POWER PANEL AND FEEDER FOR PANEL "B". REFER TO THE G-SERIES DRAWINGS. COORDINATE PANEL NAMING WITH COR AND THE VA ELECTRIC SHOP SUPERVISOR.

3 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM.

4 RACK POWER CONNECTION MOUNTED TO THE CHANNEL STEEL ABOVE THE RACKS MINIMUM 12" AWAY FROM CABLE TRAY. FOR EACH RACK, PROVIDE L21-20R RECEPTACLE. PROVIDE (3) 12 AWG, (1) 10 AWG NEUTRAL AND (1) 12 AWG GROUND IN 3/4" CONDUIT. REFER TO RACK POWER ELEVATION AND SCHEMATIC DIAGRAMS ON SHEET 000.ET505.

5 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION

6 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.

7 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES. REFERENCE DETAIL 2/000.ET501 FOR MORE INFORMATION.

8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

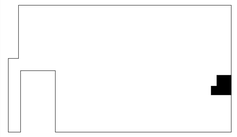
9 USE WIRE BASKET OR EMT TO BRIDGE ACROSS OVER ROOM.

10 PROVIDE NEMA 3R 30A FUSED DISCONNECT AND CODE REQUIRED WP GFI OUTLET. POWER CONDENSING UNIT FROM PANEL 'A' OF THE TR THAT IT IS SERVING. USE 2P-20A CIRCUIT BREAKER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 35853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 136, FIRST FLOOR, TELECOM ROOM 32 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 136.ET401

Dwg. 80 of 88

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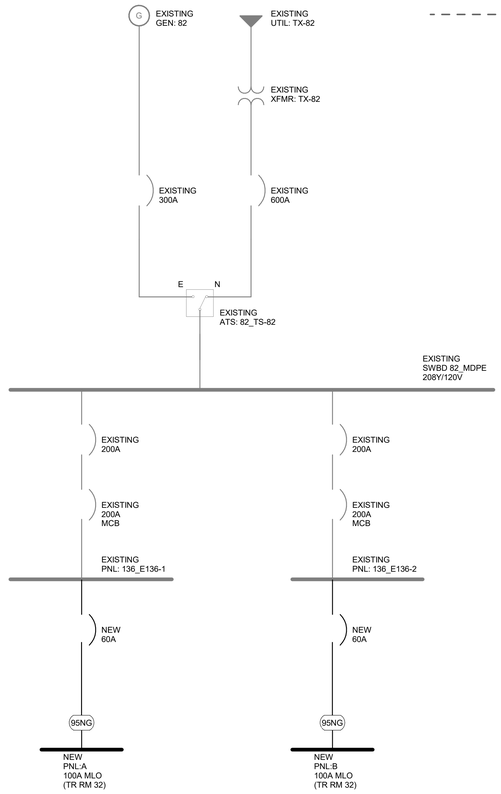
#	SHEET 049.ET601 - BUILDING 49 FIBER RISER SCHEDULE	
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23

BUILDING 136 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.

FIBER BACKBONE CIRCUIT LEGEND:

- CIRCUIT "A"
- CIRCUIT "B"



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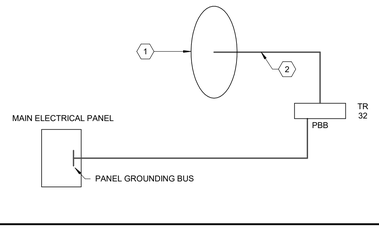

3 BUILDING 136 BONDING RISER DIAGRAM
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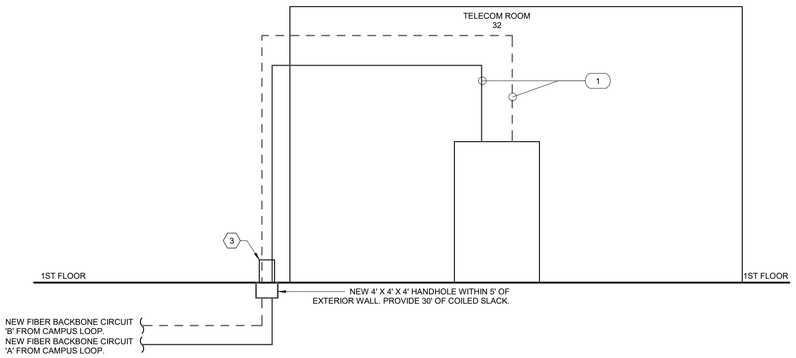

2 BUILDING 136, FIBER RISER DIAGRAM
Scale: No Scale

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

B. REFERENCE BONDING DETAILS, SHEET 000.ET503.

C. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

D. FAUL CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 - ARC FLASH STUDY DOCUMENTS PROVIDED BY THE VA.

KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

2 PROVIDE TBC FROM SECONDARY BONDING BUSBAR (SBB) TO TBB.

3 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
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BICSI ID # 377721
EXPIRES 12-31-28
RCDD
3/23/2026

STATE OF LOUISIANA
Kevin T. Kublank
KEVIN T. KUBLANK
License No. 35853
PROFESSIONAL ENGINEER
3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Cary, North Carolina 27511
www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 136, SINGLE LINE, FIBER RISER, AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 136.ET601

Dwg. 81 of 88

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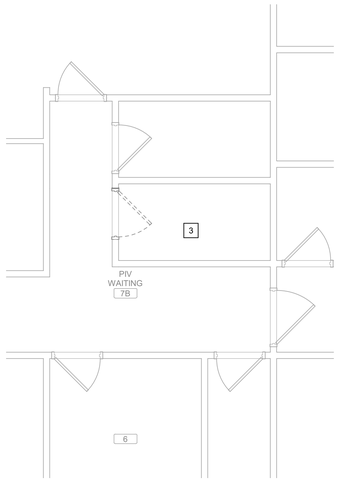
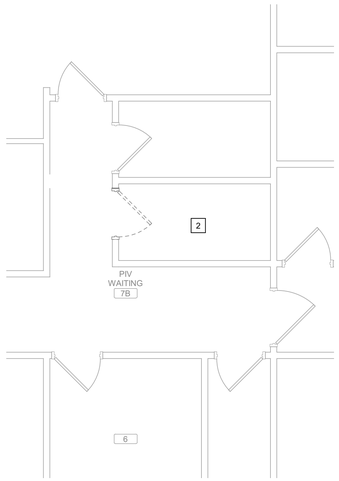


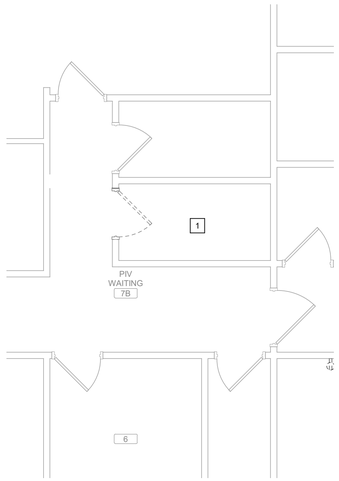
ROOM 7B, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



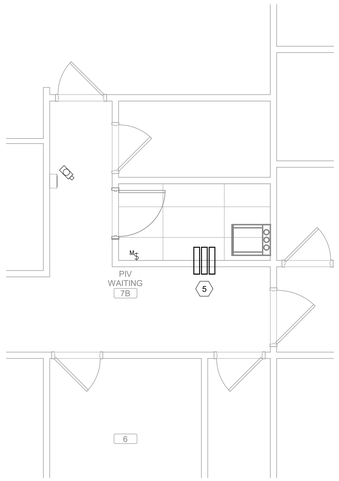
ROOM 7B, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



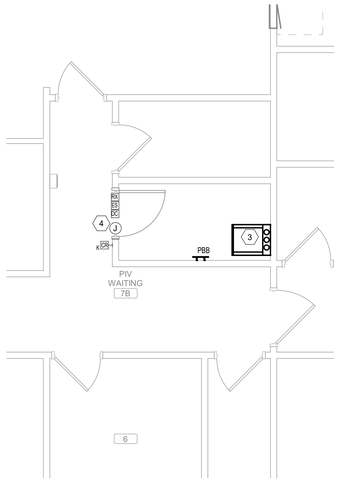
ROOM 7B, POWER DEMOLITION

Scale: 1/4" = 1'-0"



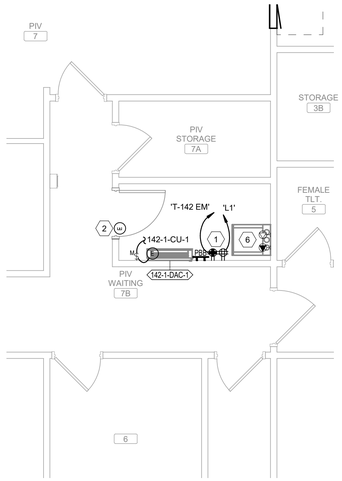
TELECOM ENCLOSURE ROOM 7B, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE ROOM 7B, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE ROOM 7B, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET505 FOR NOTES AND DETAILS PERTAINING TO TELECOMMUNICATIONS ENCLOSURES.

KEY NOTES:

1 REMOVE RECEPTACLE FROM WALL. DEMO CONDUIT AND CABLING BACK TO SOURCE.
2 NO TECHNOLOGY DEMOLITION FOR THIS ROOM.
3 NO CEILING DEMOLITION FOR THIS ROOM.

KEY NOTES:

1 PROVIDE NEW QUAD RECEPTACLES.
2 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE.
3 PROVIDE TELECOMMUNICATIONS ENCLOSURE.
4 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR.
5 PROVIDE 3 FIRE/SMOKE SLEEVE ASSEMBLIES.
6 PROVIDE TWO (2) NEMA L5-30 RECEPTACLES (PROVIDE A SINGLE GANG, EXTRA DEEP BOX FOR EACH RECEPTACLE) ON THE WALL BEHIND THE RACK ALIGNED WITH THE CUTOUT ON THE ENCLOSURE. ONE OUTLET ASSINED TO THE PDU. ONE OUTLET ASSINED TO THE UPS. EACH POWERED FROM SEPARATE, DEDICATED 30A/1P CIRCUIT CONTAINING 1-10 AWG, 1-8 AWG NEU, AND 1-10 EGC IN 3/4" C.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK — License No. 35853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

Headquarters:
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www.acg-pa.com 919-858-7420

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 142, FIRST FLOOR, TELECOM ENCLOSURE ROOM 7B PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 142.ET401

Dwg. 82 of 88

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# SHEET 142.ET601 - BUILDING 46 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	SEE SPECIFICATION 27 13 23

FIBER BACKBONE CIRCUIT LEGEND:

———————— - CIRCUIT "A"

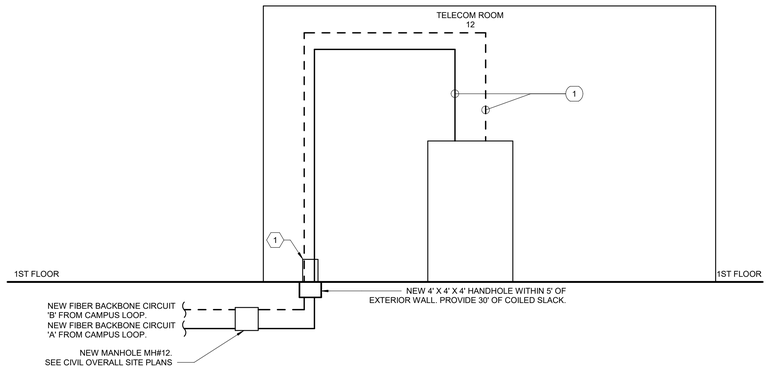
– – – – – – - CIRCUIT "B"

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.



1 **BUILDING 142, FIBER RISER DIAGRAM**
Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 317721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — Kevin T. Kublank — KEVIN T. KUBLANK, License No. 38853 — PROFESSIONAL ENGINEER — 3/23/2026

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ACG Project Number 20-398

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 142, FIBER RISER DIAGRAM

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved:

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

Drawing Number: 142.ET601

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VA FORM 08-6231

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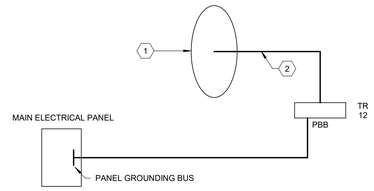
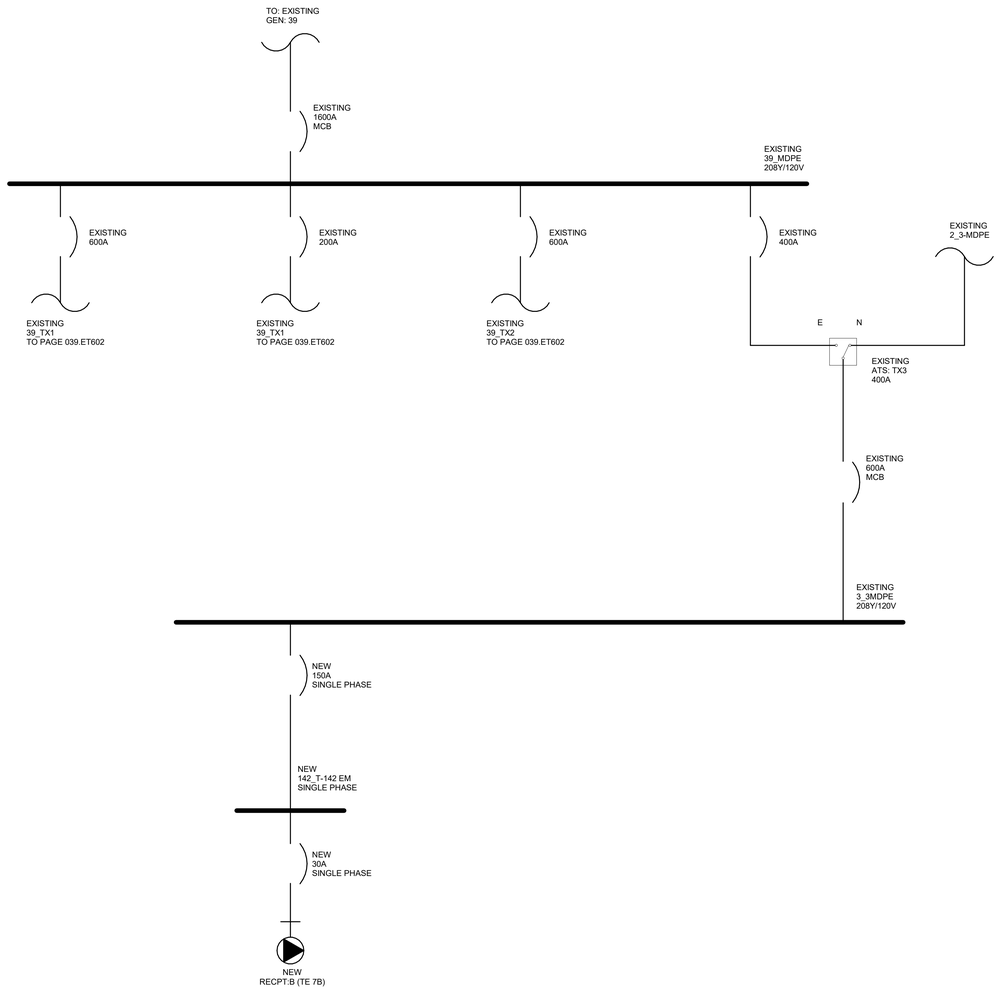
BUILDING 142 CONDUCTOR SCHEDULE	
95NG	3-2 AWG, 1-1 AWG NEU, 1-8 AWG EG IN 1 1/2" C.



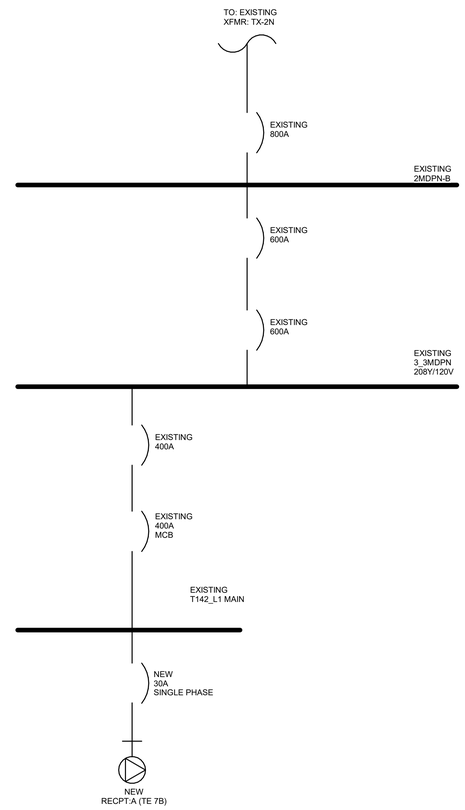
1 BUILDING 142, BONDING RISER DIAGRAM

Scale: No Scale



3 BUILDING 142, SINGLE LINE DIAGRAM - EMERGENCY

Scale: No Scale



2 BUILDING 142, SINGLE LINE DIAGRAM - NORMAL

Scale: No Scale

SHEET NOTES:

A. REFERENCE BONDING DETAILS, SHEET 000.ET503.

B. SIZE ALL BONDING CONDUCTORS ACCORDING TO TIA 607 D.

C. FAULT CURRENT VALUES ARE FROM PROJECT NO. 502-19-202 - ARC FLASH DOCUMENTS PROVIDED BY THE VA.

KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.

2 PROVIDE TBB FROM SECONDARY BONDING BUSBAR (SBB) TO PBB.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Andrew Richards
BICSI ID # 377721
EXPIRES 12-31-28
RCDD
3/23/2026

STATE OF LOUISIANA
KEVIN T. KUBLANK
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PROFESSIONAL ENGINEER
3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 142, SINGLE LINE AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM
2495 SHREVEPORT HWY, 71N
PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

Drawing Number: 142.ET602

Dwg. 84 of 88

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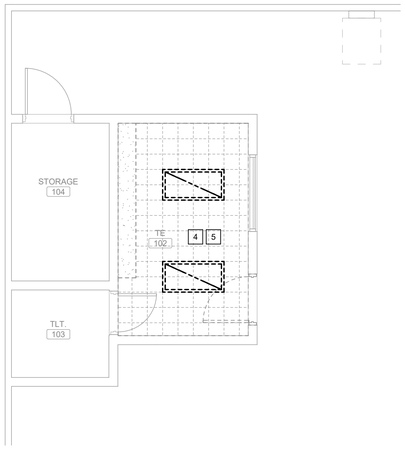
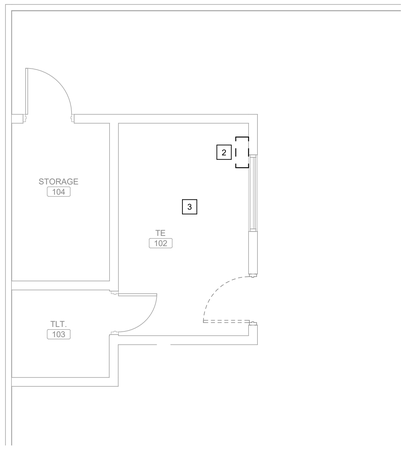


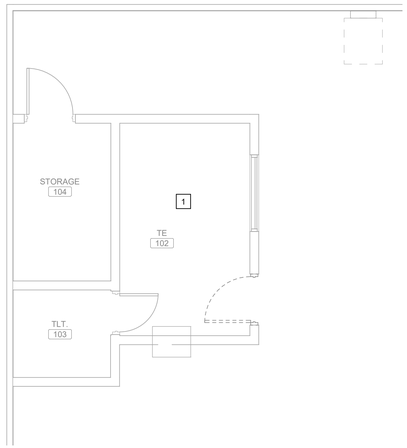
OFFICE 102, CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"



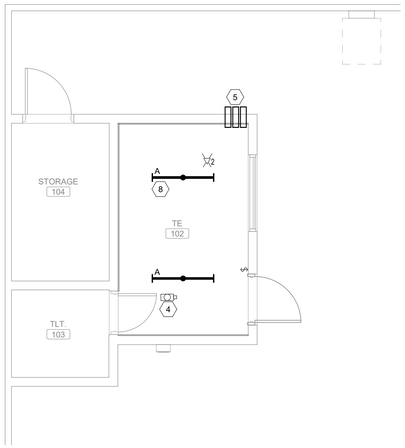
OFFICE 102, TECHNOLOGY DEMOLITION PLAN

Scale: 1/4" = 1'-0"



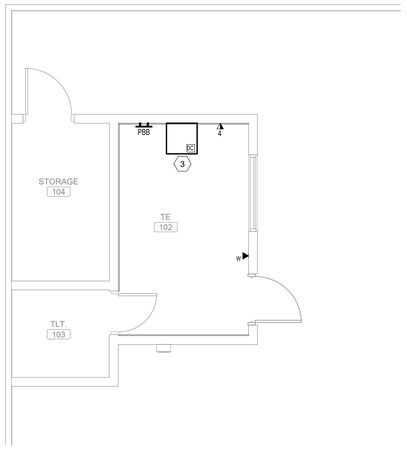
OFFICE 102, POWER DEMOLITION PLAN

Scale: 1/4" = 1'-0"



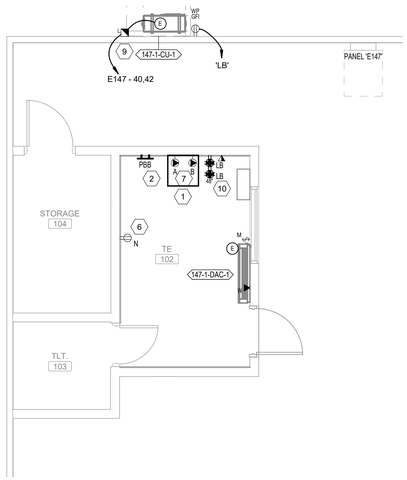
TELECOM ENCLOSURE 102, CEILING PLAN

Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 102, TECHNOLOGY PLAN

Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 102, POWER PLAN

Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT AND REMOVE RECEPTACLES ASSOCIATED WITH EXISTING DATA CABINET. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

2 DISCONNECT AND REMOVE EXISTING WALL MOUNTED CABINET.

3 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK.

4 DISCONNECT AND REMOVE LIGHT SWITCH. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

5 DICONNECT AND REMOVE LIGHTING FIXTURE. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.

KEY NOTES:

1 PROVIDE TWO (2) NEMA L5-30 RECEPTACLES (PROVIDE A SINGLE GANG, EXTRA DEEP BOX FOR EACH RECEPTACLE) ON THE WALL BEHIND THE RACK ALIGNED WITH THE CUTOUT ON THE ENCLOSURE. ONE OUTLET ASSIGNED TO THE PDU. ONE OUTLET ASSIGNED TO THE UPS. EACH POWERED FROM SEPARATE, DEDICATED 30A/1P CIRCUIT CONTAINING 1-#10 AWG, 1#8 AWG NEU, AND 1-#10 EGC IN 3/4" C.

2 PROVIDE SBB. REFERENCE DETAIL 4/000.ET503 FOR MORE INFORMATION.

3 PROVIDE WALL MOUNTED TE. REFERENCE DETAIL 5/000.ET505 FOR MORE INFORMATION.

4 PROVIDE NEW CAMERA. COORDINATE LOCATION WITH VA OIT AND POLICE.

5 THREE 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES.

6 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM. PROVIDE TWO RECEPTACLES IN THE SAME JUNCTION BOX FOR TE POWER. MOUNT OUTLETS SO THEY ARE ACCESSIBLE THROUGH THE TE CABINET CUTOUT. SEE DETAIL 5/000.ET505 FOR MORE INFORMATION.

7 PROVIDE TWO L5-30 RECEPTACLES IN SEPARATE JUNCTION BOXES FOR TE POWER - ONE FROM NORMAL BRANCH POWER AND ONE FROM CRITICAL BRANCH POWER.

8 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXISTING CRITICAL LIGHTING CIRCUIT IN HALLWAY.

9 PROVIDE NEMA 3R 30A FUSED DISCONNECT AND CODE REQUIRED WP GFI OUTLET. POWER CONDENSING UNIT FROM PANEL 'E147' LOCATED IN CHILLER PLANT 101. USE 2P-20A CIRCUIT BREAKER.

10 CIRCUIT EACH QUAD RECEPTACLE TO PANEL 'LB'.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 371723, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 35853 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

APOGEE Engineers | Architects

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1151 Kildaire Farm Road, Suite 120
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 147, FIRST FLOOR, TELECOM ENCLOSURE 102 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 147.ET401

Dwg. 85 of 88

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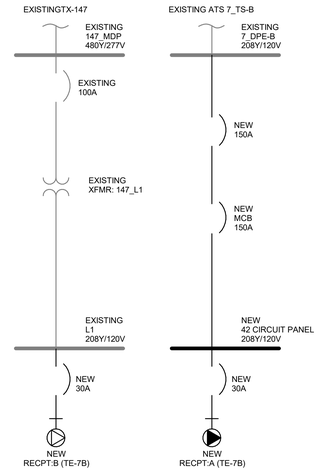
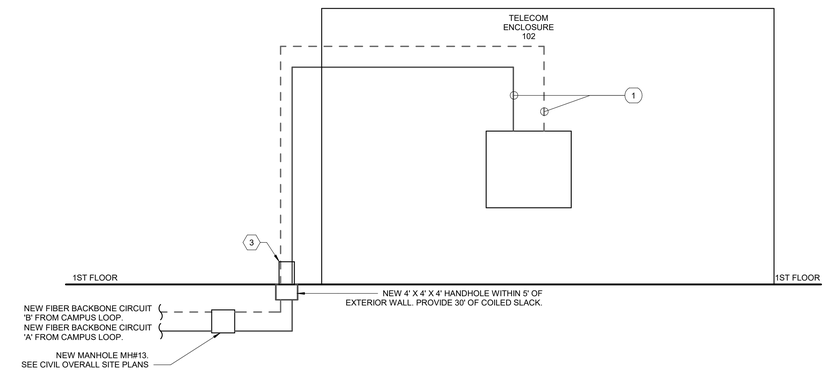
# SHEET 147.ET601 - BUILDING 147 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	INDOOR/OUTDOOR ARMORED CABLE

FIBER BACKBONE CIRCUIT LEGEND:

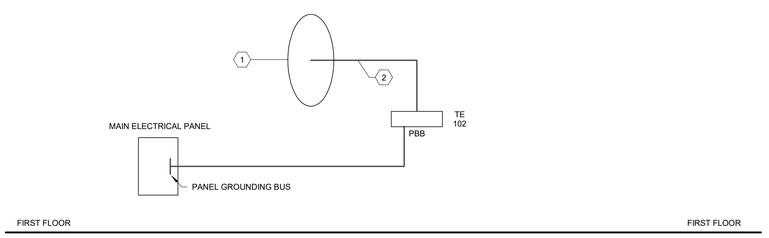
- CIRCUIT "A"
- CIRCUIT "B"



1 **BUILDING 147, SINGLE LINE DIAGRAM**
Scale: No Scale



2 **BUILDING 147, FIBER RISER DIAGRAM**
Scale: No Scale



3 **BUILDING 147, BONDING RISER DIAGRAM**
Scale: No Scale

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM.

KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.
2 PROVIDE TBC FROM SECONDARY BONDING BUSBAR (SBB) TO TBB.
3 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER BICSI Andrew Richards BICSI ID # 377725 EXPIRES 12-31-26 RCDD 3/23/2026

STATE OF LOUISIANA KEVIN T. KUBLANK License No. 36853 PROFESSIONAL ENGINEER 3/23/2026

PROJECT MANAGER

ACG Project Number 20-398

APOGEE Engineers | Architects

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 147, SINGLE LINE, FIBER RISER, AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 147.ET601

Dwg. 86 of 88

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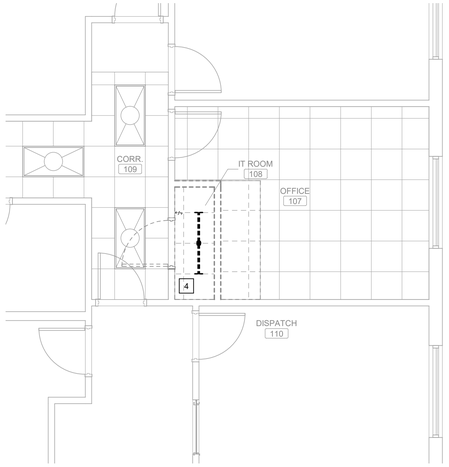
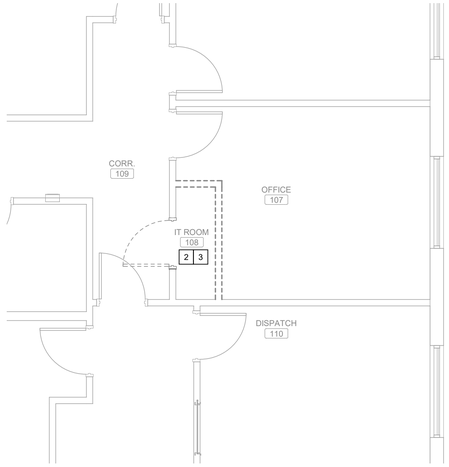
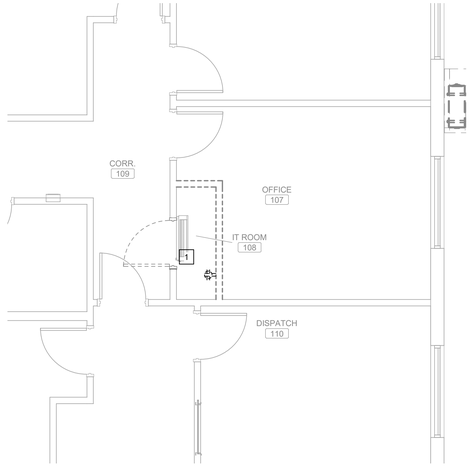


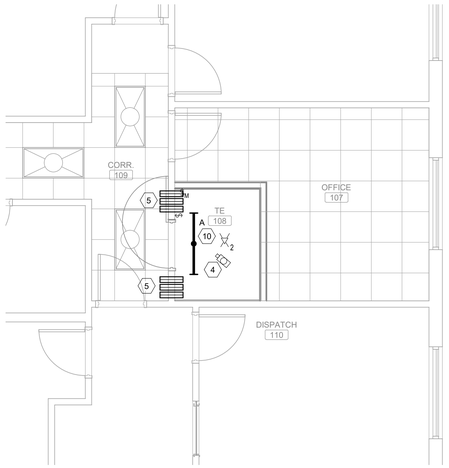
IT ROOM 108, CEILING DEMOLITION PLAN
Scale: 1/4" = 1'-0"



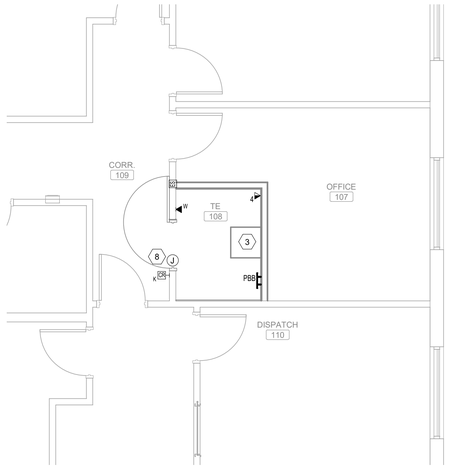
IT ROOM 108, TECHNOLOGY DEMOLITION PLAN
Scale: 1/4" = 1'-0"



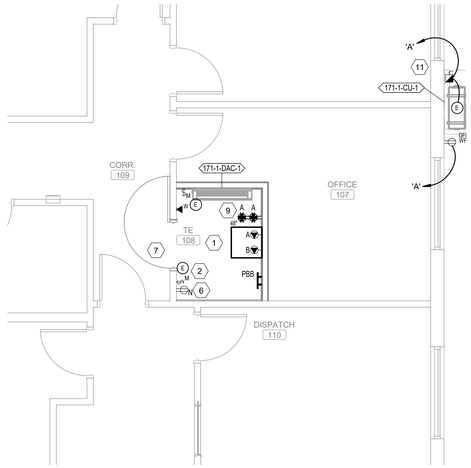
IT ROOM 108, POWER DEMOLITION PLAN
Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 108, CEILING PLAN
Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 108, TECHNOLOGY PLAN
Scale: 1/4" = 1'-0"



TELECOM ENCLOSURE 108, POWER PLAN
Scale: 1/4" = 1'-0"

SHEET NOTES:

A. ALL EXISTING CONDITIONS, CONDUITS AND DEVICES ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION. VERIFY EXISTING CONDITIONS.

B. DEVICES SHOWN WITH LIGHT GRAY LINES ARE EXISTING TO REMAIN. DEVICES SHOWN WITH DARK, DASHED LINES ARE EXISTING TO BE DEMOLISHED. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE DEVICES AND SYSTEMS SHOWN. COORDINATE WITH ALL OTHER DISCIPLINES.

C. AT ALL TIMES, FIRE ALARM SERVICES ARE TO REMAIN ACTIVE OUTSIDE THE DESIGNATED DEMOLITION AREA NOTED ON THE PLANS.

D. REMOVE ALL UNUSED CONDUIT AND CABLING.

E. WHERE CONDUIT IS REMOVED FROM AN EXISTING RATED ASSEMBLY NOT SUBJECT TO DEMOLITION, THE REMAINING PENETRATION SHALL BE PATCHED/REPAIRED TO MAINTAIN THE RATING OF THE ASSEMBLY.

F. COORDINATE ALL WORK BETWEEN TRADES AND DISCIPLINES.

G. SEE SHEET 000.ET501 FOR ALL TYPICAL DETAILS AND NOTES FOR ALL TELECOM ROOMS.

H. CABLE TRAYS IN TELECOM ROOMS TO BE AT 9'-4" AFF TO TOP OF TRAY.

I. LIGHT FIXTURES IN TELECOM ROOMS TO BE AT 9' AFF TO TOP OF LIGHT.

KEY NOTES:

1 DISCONNECT AND REMOVE RECEPTICLES ASSOCIATED WITH EXISTING DATA CABINET. REMOVE WIRING AND CONDUIT BACK TO LAST OPERABLE DEVICE OR PANELBOARD.
2 DISCONNECT AND REMOVE EXISTING WALL CABINET.
3 DISCONNECT AND REMOVE CAMERA. RETAIN CONDUIT AND CABLING FOR NEW WORK.
4 EXISTING LIGHTING TO REMAIN.

KEY NOTES:

1 PROVIDE TWO (2) NEMA L5-30 RECEPTACLES (PROVIDE A SINGLE GANG, EXTRA DEEP BOX FOR EACH RECEPTACLE) ON THE WALL BEHIND THE RACK ALIGNED WITH THE CUTOUT ON THE ENCLOSURE. ONE OUTLET ASSIGNED TO THE PDU, ONE OUTLET ASSIGNED TO THE UPS. EACH POWERED FROM SEPARATE, DEDICATED 30A/1P CIRCUITS CONTAINING 1-#10 AWG, 1-#8 AWG NEU, AND 1-#10 EGC IN 3/4" C.
2 PROVIDE SBB. REFERENCE DETAIL 4/000.ET503 FOR MORE INFORMATION.
3 PROVIDE WALL MOUNTED TE. REFERENCE DETAIL 5/000.ET505 FOR MORE INFORMATION.
4 PROVIDE NEW CAMERA. COORDINATE LOCATION WITH VA OIT AND POLICE.
5 THREE 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES.
6 PROVIDE POWER TO NEW RECEPTACLE FROM EXISTING CONVENIENCE OUTLET CIRCUIT RETAINED FROM DEMOLITION AND EXTENDED TO THE TELECOM ROOM. PROVIDE TWO RECEPTACLES IN THE SAME JUNCTION BOX FOR TE POWER. MOUNT OUTLETS SO THEY ARE ACCESSIBLE THROUGH THE TE CABINET CUTOUT. SEE DETAIL 5/000.ET505 FOR MORE INFORMATION.
7 PROVIDE 120V POWER FOR DOOR SECURITY HARDWARE. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
8 8"x8"x4" HINGED CONTROLLER BOX MOUNTED ABOVE DOOR. SEE DETAIL 5/000.ET503 FOR MORE INFORMATION.
9 CIRCUIT EACH QUAD RECEPTACLE TO PANEL 'A'.
10 LIGHTING CIRCUIT TO BE FED FROM CLOSEST EXITING CRITICAL LIGHTING CIRCUIT IN HALLWAY.
11 PROVIDE NEMA 3R 30A FUSED DISCONNECT AND CODE REQUIRED WP GFI OUTLET. POWER CONDENSING UNIT FROM PANEL 'A' OF THE TR THAT IT IS SERVING. USE 2P-20A CIRCUIT BREAKER.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards, BICSI ID # 377721, EXPIRES 12-31-28 — RCDD — 3/23/2026

STATE OF LOUISIANA — KEVIN T. KUBLANK, License No. 38883 — PROFESSIONAL ENGINEER — 3/23/2026

PROJECT MANAGER

ACG Project Number: 20-398

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 171, FIRST FLOOR, TELECOM ENCLOSURE 108 PLANS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Approved

Date: MARCH 24, 2026 | Checked: KTK | Drawn: PDN

Drawing Number: 171.ET401

Dwg. 87 of 88

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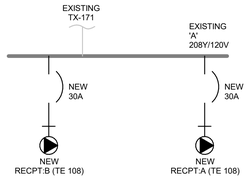
# SHEET 171.ET601 - BUILDING 171 FIBER RISER SCHEDULE		
TAG	# OF 24 OS2	COMMENTS
1	1	INDOOR/OUTDOOR ARMORED CABLE

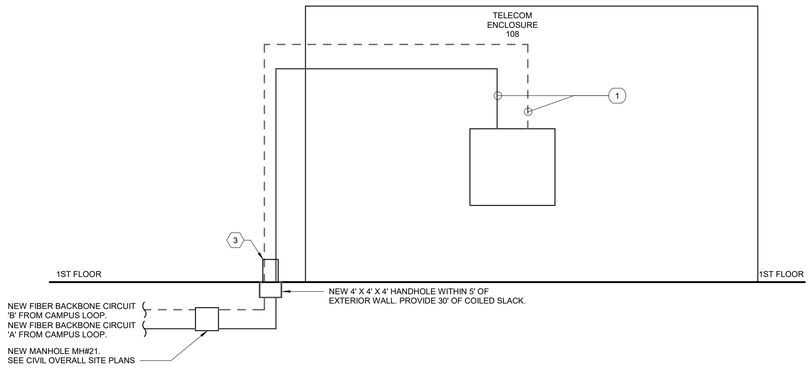
FIBER BACKBONE CIRCUIT LEGEND:

———— - CIRCUIT "A"

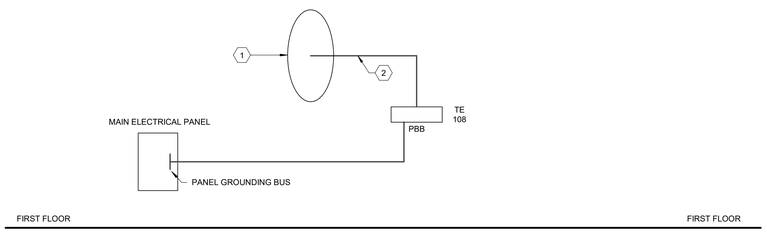
– – – – – – - CIRCUIT "B"



1 **BUILDING 171, SINGLE LINE DIAGRAM**
Scale: No Scale



2 **BUILDING 171, FIBER RISER DIAGRAM**
Scale: No Scale



3 **BUILDING 171, BONDING RISER DIAGRAM**
Scale: No Scale

SHEET NOTES:

A. A NEW 25 PR UTP TELEPHONE CABLE SHALL BE RUN FROM EACH OF THE EXISTING TR ROOMS TO EACH NEW TR ROOM FOR CONNECTION OF EXISITNG INFASTRUTURE BETWEEN TR ROOMS AS REQUIRED.

KEY NOTES:

1 PROVIDE IRREVERSIBLE CRIMP TO CONNECT TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO TBB RISER.
2 PROVIDE TBC FROM SECONDARY BONDING BUSBAR (SBB) TO TBB.
3 PROVIDE (2) 4" CORE DRILL OPENINGS WITH UL APPROVED FIRE/SMOKE SLEEVE ASSEMBLIES (2 HR) FOR THE FIBER OPTIC RISER FOR CIRCUITS A & B.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER — BICSI — Andrew Richards — BICSI ID # 277721 — EXPIRES 12-31-28 — RCDD — 3/23/2026

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PROJECT MANAGER

ACG Project Number 20-398

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 171, SINGLE LINE, FIBER RISER, AND BONDING RISER DIAGRAMS

Location: ALEXANDRIA VA HEALTH CARE SYSTEM, 2495 SHREVEPORT HWY, 71N, PINEVILLE, LA 71360

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

Approved

Date: MARCH 24, 2026 | Checked: ADR | Drawn: JWB

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: 171.ET601

Dwg. 88 of 88

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