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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

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ANNOTATION SYMBOLS

#	NEW WORK KEYNOTE
#	DEMOLITION KEYNOTE
NEW	BOLD TEXT INDICATES NEW ITEM
EXISTING	ITALICIZED TEXT INDICATES EXISTING ITEM
## / #	DETAIL MODULE NUMBER; DETAIL OR SECTION MARK; SHOWN ON DRAWING
	CONNECT TO EXISTING
	LIMIT OF DEMOLITION
SD-## | ###	DIFFUSER TAG
##-VAV-#	EQUIPMENT TAG

MECHANICAL ABBREVIATIONS

A/E	ARCHITECT / ENGINEER
AAV	AUTOMATIC AIR VENT
ACC	AIR-COOLED CONDENSER
ACCH	AIR-COOLED CHILLER
ACCU	AIR-COOLED CONDENSING UNIT
ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR
AF	AFTER FILTER
AFF	ABOVE FINISHED FLOOR
AHU	AIR-HANDLING UNIT
AMP	AMPERAGE
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
ARI	AIR CONDITIONING AND REFRIGERATION INSTITUTE
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
BD	BUTTERFLY DAMPER
BDD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
C	CENTIGRADE (CELSIUS)
CC	COOLING COIL
CCD	COOLING COIL CONDENSATE DRAIN
CENT	CENTRIFUGAL
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CFT	CUBIC FEET
CHW	CHILLER WATER
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CI	CAST IRON
CM	CUBIC METER
CM/S	CUBIC METER PER SECOND
CO	CLEAN OUT
CO2	CARBON DIOXIDE
COMP	COMPRESSOR UNIT
COP	COEFFICIENT OF PERFORMANCE
CP	CONDENSATE PUMP
CU	CONDENSING UNIT
CUH	CABINET UNIT HEATER
CV	CONSTANT VOLUME
CW	COLD WATER (POTABLE)
D	DAMPER - AUTOMATIC
dB	DECIBELS
Db	DRY-BULB TEMPERATURE
DDC	DIRECT DIGITAL CONTROLS
DEG	DEGREE
DF	DIFFUSER
DIA	DIAMETER
DP	DEW POINT TEMPERATURE
DPA	DIFFERENTIAL PRESSURE ASSEMBLY
DPS	DIFFERENTIAL PRESSURE SENSOR
DX	DIRECT EXPANSION
DXCC	DIRECT EXPANSION COOLING COIL
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
ECC	ENGINEERING CONTROL CENTER
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EG	EXHAUST GRILLE
EJ	EXPANSION JOINT
ENT	ENTERING
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
F	FAHRENHEIT
F/SDPR	COMBINATION FIRE SMOKE DAMPER
FA	FREE AREA
FC	FLEXIBLE CONNECTION
FCU	FAN COIL UNIT (4 PIPE)
FD	FLOOR DRAIN
FD	FIRE DAMPER
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FS	FLOW SWITCH
FSTAT	FREEZESTAT
FT	FEET
FT-LB	FOOT-POUND
FV	FACE VELOCITY
GA	GAUGE
GAL	GALLONS
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GS	GALVANIZED STEEL
H&CW	HOT & COLD WATER
HAC	HOUSEKEEPING AID CLOSET
HB	HOSE BIBB
HC	HEATING COIL
HD	HEAD
HHW	HEATING HOT WATER
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HOA	HAND/OFF/AUTOMATIC
HP	HEAT PUMP
HP	HORSEPOWER
HPR	HIGH PRESSURE RETURN (STEAM CONDENSATE)
HPS	HIGH PRESSURE SUPPLY (STEAM)
HSTAT	HUMIDISTAT
HW	HOT WATER
Hz	HERTZ
I/O	INPUT/OUTPUT
IAQ	INDOOR AIR QUALITY
ID	INSIDE DIAMETER
IN	INCHES
IN HG	INCHES OF MERCURY
IN WC	INCH WATER COLUMN
IN WG	INCH WATER GAUGE
IN-LB	INCH-POUND
IPLV	INTEGRATED PART LOAD VALUE
kg	KILOGRAM
kg/HR	KILOGRAM PER HOUR
kPa	KILOPASCAL
kW	KILOWATT
kWh	KILOWATT HOUR
L	LITER
L/s	LITERS PER SECOND
LAT	LEAVING AIR TEMPERATURE
LBS/HR	POUNDS PER HOUR
LF	LINEAR FOOT (FEET)
LH	LATENT HEAT
LPR	LOW PRESSURE RETURN (STEAM CONDENSATE)
LPS	LOW PRESSURE SUPPLY (STEAM)
LTCP	LOCAL TEMPERATURE CONTROL PANEL
LVG	LEAVING
LVR	LOUVER
LWT	LEAVING WATER TEMPERATURE
M	METER, SI UNIT
M/s	METERS PER SECOND (OR METERS/SECOND)
MA	MIXED AIR
MAT	MIXED AIR TEMPERATURE
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MBH	1000 BTUH
MCA	MINIMUM BRANCH CIRCUIT AMPACITY
MER	MECHANICAL EQUIPMENT ROOM
MERV	MINIMUM EFFICIENCY REPORTING VALUE
MHP	MOTOR HORSEPOWER
MIN	MINIMUM
MM	MILLIMETER
MOV	MOTOR OPERATED VALVE
MPR	MEDIUM PRESSURE RETURN (STEAM CONDENSATE)
MPS	MEDIUM PRESSURE SUPPLY (STEAM)
MVD	MANUAL VOLUME DAMPER
NA	NOT APPLICABLE
NC	NOISE CRITERIA
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NOM	NOMINAL
NPLV	NON-STANDARD PART LOAD VALUE
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAI	OUTSIDE AIR INTAKE
OD	OUTSIDE DIAMETER
P	PUMP
PCF	POUNDS PER CUBIC FOOT (FEET)
PD	PRESSURE DROP
PF	PRE-FILTER
PG	PRESSURE GAGE
PHC	PREHEAT COIL
PPM	PARTS PER MILLION
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH – ABSOLUTE
PSIG	POUNDS PER SQUARE INCH – GAGE
R/E	RETURN OR EXHAUST
RA	RETURN AIR
RAT	RETURN AIR TEMPERATURE
RDS	ROOM DATA SHEETS
REA	RELIEF AIR
RG	RETURN GRILLE
RH	RELATIVE HUMIDITY
RHC	REHEAT COIL
RL	REFRIGERANT LIQUID LINE
RLA	RUN LOAD AMPERE
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SAT	SUPPLY AIR TEMPERATURE
SCR	SILICON CONTROLLED RECTIFIER
SD	SMOKE DETECTOR
SD	SUPPLY AIR DIFFUSER
SDPR	SMOKE DAMPER
SDR	SMOKE DAMPER (RETURN)
SDS	SMOKE DAMPER (SUPPLY)
SEN	SENSIBLE HEAT
SF	SUPPLY FAN
SI	SQUARE INCHES
SP	STATIC PRESSURE
SP GR	SPECIFIC GRAVITY
SPS	STATIC PRESSURE SENSOR
SQ FT	SQUARE FOOT (FEET)
SR	SUPPLY AIR REGISTER
SS	STAINLESS STEEL
T & PCV	TEMPERATURE AND PRESSURE CONTROL VALVE
TAB	TESTING, ADJUSTING, BALANCE
TD	TEMPERATURE DIFFERENCE
TDH	TOTAL DYNAMIC HEAD
TP	TRAP
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
TU	TERMINAL UNIT
UC	UNDER CUT
UL	UNDERWRITERS LABORATORY
V	VALVE
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER (MANUAL OPPOSED BLADE)
VFD	VARIABLE FREQUENCY DRIVE
VHA	VETERANS HEALTH ADMINISTRATION
W	WATTS
Wb	WET-BULB (TEMPERATURE)
WG	WATER GAGE
WPD	WATER SIDE PRESSURE DROP
YR	YEAR

MECHANICAL LEGEND

- CO2 — CARBON DIOXIDE SENSOR
- T — THERMOSTAT OR TEMPERATURE SENSOR
- H — HUMIDISTAT OR HUMIDITY SENSOR
- SUPPLY DIFFUSER
- RETURN GRILLE
- EXHAUST GRILLE
- BALANCING DAMPER
- F — FIRE DAMPER
- SD — SMOKE DAMPER
- FS — FIRE / SMOKE DAMPER
- MOTORIZED DAMPER
- ROUND FLEX DUCT
- R — INCLINED RISE, IN DIRECTION OF AIRFLOW
- D — INCLINED DROP, IN DIRECTION OF AIRFLOW
- CONNECT NEW DUCT TO EXISTING
- LIMIT OF DEMOLITION
- VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)
- VANED ELBOW (SHORT RADIUS)
- STANDARD RADIUS ELBOW (LONG RADIUS)
- 10x8 — NEW DUCT (INSIDE DIMENSIONS: WIDTH X DEPTH)
- EXISTING DUCT TO REMAIN
- EXISTING DUCT TO BE DEMOLISHED
- DUCT TRANSITION
- END MOUNTED OR SIDEWALL GRILLE
- SUPPLY — TERMINAL UNIT SUPPLY DUCT BRANCH (CONICAL TAP)
- 45° SUPPLY — STANDARD BRANCH SUPPLY OR RETURN, NO SPLITTER (45° TAP)
- 45° RETURN
- UP DN — SUPPLY DUCT (UP & DOWN)
- UP DN — EXHAUST DUCT (UP & DOWN)
- UP DN — RETURN DUCT (UP & DOWN)
- S-60 — HIGH PRESSURE STEAM PIPING (60 PSI)
- CR-60 — HIGH PRESSURE STEAM CONDENSATE RETURN
- S-30 — MEDIUM PRESSURE STEAM PIPING (16 PSI AND 59 PSI)
- CR-30 — MEDIUM PRESSURE STEAM CONDENSATE RETURN
- S-15 — LOW PRESSURE STEAM PIPING (15 PSI AND BELOW)
- CR-15 — LOW PRESSURE STEAM CONDENSATE RETURN
- CHWS — CHILLED WATER SUPPLY PIPING
- CHWR — CHILLED WATER RETURN PIPING
- HWS — HEATING HOT WATER SUPPLY PIPING
- HWR — HEATING HOT WATER RETURN PIPING
- RLS — REFRIGERANT LINE SET (LIQUID AND SUCTION)
- D — CONDENSATE DRAIN LINE
- PIPE UP
- PIPE DOWN
- BOTTOM CONNECTION
- TOP CONNECTION
- CAPPED OR PLUGGED PIPE
- CONNECT TO EXISTING PIPE
- LIMIT OF DEMOLITION
- GLOBE VALVE
- GATE VALVE
- BALL VALVE
- CHECK VALVE
- WYE STRAINER VALVE
- BALANCING VALVE
- MODULATING TWO-WAY CONTROL VALVE
- MODULATING THREE-WAY CONTROL VALVE
- TWO POSITION CONTROL VALVE
- DRAIN VALVE
- TEST PLUG
- WATER SENSOR

MECHANICAL DEMOLITION GENERAL NOTES

1. VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK. NOTIFY COR/VA REGARDING CONFLICTS BEFORE PROCEEDING WITH WORK.
2. REMOVED ITEMS REMAIN PROPERTY OF GOVERNMENT UNTIL COR/VA DETERMINES THAT THEY ARE NOT REQUIRED. REMOVE FROM SITE ITEMS NOT BEING RETAINED BY GOVERNMENT OR REINSTALLED AS PART OF THIS WORK.
3. DO NOT DISTURB ITEMS NOT INDICATED FOR DEMOLITION.
4. VERIFY SIZE AND LOCATION OF EXISTING UTILITIES PRIOR TO START OF DEMOLITION. RELOCATE, REMOVE AND ADJUST MECHANICAL AND ELECTRICAL ITEMS AS NECESSARY TO COORDINATE WITH NEW WORK.
5. AFTER DEMOLITION IS COMPLETE, PATCH AND REPAIR FINISHES TO MATCH EXISTING ADJACENT CONDITIONS.
6. COORDINATE DEMOLITION WITH COR/VA. SUBMIT SHUTDOWN PLAN AND SCHEDULE TO COR/VA FOR REVIEW AND APPROVAL.
7. PROTECT EXISTING UTILITIES TO REMAIN FROM DAMAGE DURING DEMOLITION. REPAIR UTILITIES AND SERVICES DAMAGED AT NO ADDITIONAL COST.
8. TEMPORARILY MOVE OR TAKE EQUIPMENT OUT OF SERVICE AS NECESSARY TO COMPLETE WORK.
9. SAWCUT OR CORE DRILL CONCRETE FLOOR AS REQUIRED FOR DEMOLITION WORK INDICATED. COORDINATE WITH NEW MECHANICAL WORK AND WORK OF OTHER TRADES.

MECHANICAL GENERAL NOTES

1. WORK SHALL CONFORM TO APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND APPLICABLE VA STANDARDS.
2. INSTALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
3. PROVIDE NEW MATERIALS, EQUIPMENT AND PRODUCTS INCORPORATED IN THE WORK, OF A SUITABLE GRADE FOR THE PURPOSES INTENDED.
4. WHERE POSSIBLE, PROVIDE STANDARD PRODUCTS OF THE VARIOUS MANUFACTURERS EXCEPT WHERE SPECIAL CONSTRUCTION OR PERFORMANCE FEATURES ARE REQUIRED.
5. EQUIPMENT OR MATERIAL DEVIATIONS FROM INDICATED CONTRACT REQUIREMENTS SHALL BE SUBJECT TO THE APPROVAL OF THE COR/VA. SUBMIT PROPOSED EQUIPMENT DEVIATIONS THAT ARE SIMILAR BOTH IN QUALITY AND CAPACITY TO THAT EQUIPMENT SPECIFIED, AS SOLELY DETERMINED BY THE COR/VA.
6. PROVIDE MECHANICAL EQUIPMENT THAT IS LISTED AND LABELED BY UNDERWRITERS LABORATORIES (U.L.).
7. INSTALL EQUIPMENT AS INDICATED, ALLOWING FOR SUFFICIENT ACCESS AND CLEARANCE SPACE FOR EQUIPMENT MAINTENANCE, REPAIRS, AND REPLACEMENT.
8. INSTALL EQUIPMENT WITH PROPER CLEARANCES FOR REQUIRED PIPING AND ELECTRICAL SERVICES AND CONNECTIONS. INSTALL EQUIPMENT WITH REQUIRED ACCESS AND CLEARANCES IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS AND APPLICABLE CODES AND STANDARDS.
9. COORDINATE LOCATION, INSTALLATION, AND ROUTING OF DUCTWORK, PIPING, AND EQUIPMENT WITH WORK OF ALL OTHER TRADES.
10. PROVIDE SUPPORT FOR MECHANICAL EQUIPMENT. COORDINATE SUPPORT LOCATIONS WITH ALL CONTRACTORS PRIOR TO INSTALLATION.
11. PROVIDE POWER CONNECTIONS TO EQUIPMENT PROVIDED UNDER THIS CONTRACT AS WORK OF DIVISION 26.
12. PROVIDE CONTROL WIRING FOR MECHANICAL EQUIPMENT AS WORK OF DIVISION 23.
13. DUCTWORK AND PIPING LAYOUTS AND LOCATIONS ARE SCHEMATIC. DO NOT SCALE THESE DRAWINGS. COORDINATE AND DETERMINE EXACT ROUTING OF DUCTWORK AND PIPING IN THE FIELD.
14. FIELD VERIFY DIMENSIONS BY ACTUAL MEASUREMENT AND OBSERVATION BEFORE ORDERING OR FABRICATING DUCTWORK, PIPING OR EQUIPMENT.
15. NOTIFY COR/VA REGARDING DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND EXISTING CONDITIONS OR DIMENSIONS BEFORE PERFORMING WORK. FAILURE TO VERIFY AND REPORT SHALL CONSTITUTE CONTRACTOR'S ACCEPTANCE OF EXISTING CONDITIONS AS FIT FOR THE PROPER EXECUTION OF THE WORK.
16. SEE ARCHITECTURAL DRAWINGS FOR FINAL LOCATION OF CEILING INSTALLED EQUIPMENT.
17. INSTALL DUCTWORK AND PIPING AS HIGH AS POSSIBLE AND AS CLOSE AS POSSIBLE TO BUILDING WALLS, CEILING AND FLOOR AND ROOF STRUCTURE. PROVIDE OFFSETS, FITTINGS, AND DIMENSIONAL TRANSITIONS NOT SHOWN BUT REQUIRED TO MAINTAIN MINIMUM CLEAR SPACE TO BUILDING SURFACES AT NO ADDITIONAL COST.
18. PATCH, PAINT AND CLEAN SURFACES SUSTAINING DAMAGE ASSOCIATED WITH MECHANICAL WORK OF THIS CONTRACT, UNLESS NOTED OTHERWISE.
19. SUBMIT BOUND SET OF OPERATING AND MAINTENANCE INSTRUCTIONS FOR EQUIPMENT AT COMPLETION OF PROJECT.
20. INSTALL ESCUTCHEONS IN ALL PLACES WHERE PIPING PENETRATES A WALL IN AN EXPOSED LOCATION.
21. MAKE A COMPLETE REVIEW OF DRAWINGS, INCLUDING SCHEDULES AND DETAILS, PRIOR TO BEGINNING MECHANICAL SYSTEM INSTALLATION. RESOLVE CONFLICTS WITH COR/VA.
22. DRAWING PLANS, SCHEMATICS, AND DIAGRAMS INDICATE GENERAL LOCATION AND ARRANGEMENT OF PIPING SYSTEMS.
23. INSTALL PIPING INDICATED TO BE EXPOSED AND PIPING IN EQUIPMENT ROOMS AND SERVICE AREAS AT RIGHT ANGLES OR PARALLEL TO BUILDING WALLS. DIAGONAL RUNS ARE NOT ACCEPTABLE UNLESS SPECIFICALLY INDICATED OTHERWISE.
24. INSTALL PIPING FREE OF SAGS AND BENDS.
25. INSTALL PIPING TO ALLOW APPLICATION OF INSULATION.
26. PIPING SHALL NOT BE ROUTED OVER TELECOM OR ELECTRICAL CLOSETS/ROOMS.
27. PREPARE DRAWINGS SHOWING MECHANICAL SYSTEMS AND EQUIPMENT FOR COORDINATION WITH WORK OF OTHER DIVISIONS AND WORK BY THE GOVERNMENT.
    - A. INCLUDE PLAN VIEWS, SECTIONS, AND ELEVATIONS, AS REQUIRED, TO FULLY COORDINATE ALL NEW WORK WITH ITSELF AND EXISTING CONDITIONS.
    - B. DRAWINGS SHALL SHOW, BUT NOT BE LIMITED TO, ALL DUCTWORK, AIR DISTRIBUTION, MECHANICAL EQUIPMENT, MECHANICAL PIPING, FIRE PROTECTION PIPING, PLUMBING PIPING, CABLE TRAYS, LIGHTING FIXTURES, CEILING GRID AND HEIGHT, BEAMS AND JOISTS (WITH ELEVATIONS MARKED), ELECTRICAL CONDUIT LARGER THAN 2 INCHES IN DIAMETER AND OTHER CEILING MOUNT DEVICES OR EQUIPMENT THAT PROTRUDE INTO THE CEILING CAVITY.
    - C. IF THERE ARE OUTSTANDING ISSUES THAT CANNOT BE RESOLVED, CONSULT WITH COR/VA FOR GUIDANCE AND MAKE CORRECTIONS IN ACCORDANCE WITH DIRECTIONS GIVEN.
    - D. DO NOT BEGIN FABRICATION OR PLACE EQUIPMENT ORDERS UNTIL COORDINATION DRAWINGS HAVE BEEN APPROVED.
28. INSTALLATION COMMENCED PRIOR TO COORDINATION DRAWING APPROVAL IS TAKEN AT THE CONTRACTORS OWN RISK. MODIFY, MOVE OR RECONFIGURE WORK LACKING COORDINATION AT NO ADDITIONAL COST

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100% CONSTRUCTION DOCUMENTS

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Dwg. 1 of 62

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PLUMBING SYMBOLS & ABBREVIATIONS

ANNOTATION ABBREVIATIONS

A/E	ARCHITECT/ENGINEER
AC	ABOVE CEILING
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
AG	AIR GAP
AP	ACCESS PANEL
AS	AUTOMATIC SPRINKLER
ASHRAE	AMERICAN SOCIETY HEATING, REFRIGERATING, AIR CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASPE	AMERICAN SOCIETY PLUMBING ENGINEERS
BAS	BUILDING AUTOMATION SYSTEM
BF	BELOW FLOOR
BFP	BACKFLOW PREVENTER
BG	BELOW GRADE
BHP	BREAK HORSEPOWER
BOP	BOTTOM OF PIPE
BTUH	BRITISH THERMAL UNITS PER HOUR
C	CELSIUS
CGA	COMPRESSED GAS ASSOCIATION
CI	CAST IRON
CO	CLEANOUT
COND	CONDENSATE
CS	CLINICAL SINK
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
DF	DRINKING FOUNTAIN
DN	DOWN
DOE	DEPARTMENT OF ENERGY
DWG	DRAWING
DWV	DRAIN WASTE VENT
EC	ELECTRICAL CONTRACTOR
EL	ELEVATION
EMCS	ENERGY MONITORING AND CONTROL SYSTEM
EPA	ENVIRONMENTAL PROTECTION AGENCY
EPACT	ENERGY POLICY ACT
ESC	ESCUTCHEON
EWC	ELECTRIC WATER COOLER
EWS	EYEWASH STATION
EX	EXISTING
F	FAHRENHEIT
FA	FROM ABOVE
FB	FROM BELOW
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT (HOSE) CONNECTION
FS	FLOOR SINK
FU	FIXTURE UNITS
G	GALLON
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
H&CW	HOT AND COLD WATER
HB	HOSE BIBB (INTERIOR)
HD	HUB DRAIN
HP	HORSEPOWER
INV	INVERT
IPC	INTERNATIONAL PLUMBING CODE
KW	KILOWATT
KWHR	KILOWATT-HOUR
L/S	LITER PER SECOND
LAV	LAVATORY
LBS/HR	POUNDS PER HOUR
M	METER
MA	MEDICAL AIR
MAV	MANUAL AIR VENT
MBH	THOUSANDS OF BTU PER HOUR
MER	MECHANICAL EQUIPMENT ROOM
MSB	MOP SINK BASIN
MV	MEDICAL VACUUM
NC	NORMALLY CLOSED
NG	NATURAL GAS
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NOM	NOMINAL
NPW	NON POTABLE WATER
NTS	NOT TO SCALE
O2	OXYGEN
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFD	OVERFLOW DRAIN
OVFL	OVERFLOW
PA	PASCAL
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PDI	PLUMBING AND DRAINAGE INSTITUTE
PG	PRESSURE GAUGE
PPM	PARTS PER MILLION
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
PSIG	POUNDS PER SQUARE INCH - GAUGE
PW	POTABLE WATER
RD	ROOF DRAIN
RDL	ROOF DRAIN LEADER
RL	ROOF LEADER
RWL	RAIN WATER LEADER
SAN	SANITARY SEWER
SPR	SPRINKLER LINE
SQFT	SQUARE FOOT
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TSTAT	THERMOSTAT
TYP	TYPICAL
UPC	UNIFORM PLUMBING CODE
V	SANITARY VENT
VAC	VACUUM
VB	VACUUM BREAKER
VS	VENT STACK
VTR	VENT THROUGH ROOF
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WG	WATER GAUGE
WHA	WATER HAMMER ARRESTOR
WPD	WATER PRESSURE DROP
WS	WASTE STACK

PLUMBING SYMBOLS

	PIPE SLOPE ARROW
	FLOW ARROW
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	ANGLE GATE VALVE
	ANGLE GLOBE VALVE
	BALL VALVE
	CHECK VALVE
	CIRCUIT SETTER
	GATE VALVE
	GLOBE VALVE
	PLUG VALVE
	BACKFLOW PREVENTER
	AUTOMATIC AIR VENT
	PRESSURE GAUGE
	THERMOMETER
	PIPE UNION
OR	FLOOR DRAIN - ROUND OR SQUARE
	FLOOR CLEANOUT
CO	SUSPENDED CLEANOUT
WCO	WALL CLEANOUT
	PIPE CAP
	PIPE TURNING DOWN
	PIPE TURNING UP
	TEE UP
	TEE DOWN
	DROP AND RUN
	DROP AND TURN
	TEE OFF TOP
	TEE OFF BOTTOM
	CROSS AND RISER
	PLAN 90° ELBOW
	PIPE TEE

PLUMBING SYMBOLS

PIPING SYSTEM		
CD	CD	CONDENSATE DRAIN
MA	MA	MEDICAL AIR
OFD	OFD	OVERFLOW STORM DRAIN
ST	ST	STORM
VAC	VAC	VACUUM
WAGD	WAGD	WASTE ANESTHETIC GAS DISPOSAL
SAN	SAN	SANITARY WASTE
V	V	SANITARY VENT
	DCW	DOMESTIC COLD WATER
	DHW	DOMESTIC HOT WATER
	DHWR	DOMESTIC HW RECIRCULATION

ANNOTATION SYMBOLS

#	NEW WORK KEYNOTE
#	DEMOLITION KEYNOTE
NEW	BOLD TEXT INDICATES NEW ITEM
EXISTING	ITALICIZED TEXT INDICATES EXISTING ITEM
## / #	DETAIL MODULE NUMBER; DETAIL OR SECTION MARK; SHOWN ON DRAWING
	CONNECT TO EXISTING
	LIMIT OF DEMOLITION
P-###	NEW PLUMBING EQUIPMENT MARK
P-###	EXISTING PLUMBING EQUIPMENT MARK

PLUMBING DEMOLITION GENERAL NOTES

1. VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK. NOTIFY COR/VA REGARDING CONFLICTS BEFORE PROCEEDING WITH WORK.
2. REMOVED ITEMS REMAIN PROPERTY OF GOVERNMENT UNTIL COR/VA DETERMINES THAT THEY ARE NOT REQUIRED. REMOVE FROM SITE ITEMS NOT BEING RETAINED BY GOVERNMENT OR REINSTALLED AS PART OF THIS WORK.
3. DO NOT DISTURB ITEMS NOT INDICATED FOR DEMOLITION.
4. VERIFY SIZE AND LOCATION OF EXISTING UTILITIES PRIOR TO START OF DEMOLITION. RELOCATE, REMOVE AND ADJUST MECHANICAL AND ELECTRICAL ITEMS AS NECESSARY TO COORDINATE WITH NEW WORK.
5. AFTER DEMOLITION IS COMPLETE, PATCH AND REPAIR FINISHES TO MATCH EXISTING ADJACENT CONDITIONS.
6. COORDINATE DEMOLITION WITH COR/VA. SUBMIT SHUTDOWN PLAN AND SCHEDULE TO COR/VA FOR REVIEW AND APPROVAL.
7. PROTECT EXISTING UTILITIES TO REMAIN FROM DAMAGE DURING DEMOLITION. REPAIR UTILITIES AND SERVICES DAMAGED AT NO ADDITIONAL COST.
8. TEMPORARILY MOVE OR TAKE EQUIPMENT OUT OF SERVICE AS NECESSARY TO COMPLETE WORK.
9. SAWCUT CONCRETE FLOOR AS REQUIRED FOR DEMOLITION WORK INDICATED. COORDINATE WITH NEW PLUMBING WORK AND WORK OF OTHER TRADES.

PLUMBING GENERAL NOTES

1. WORK SHALL CONFORM TO APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND APPLICABLE VA STANDARDS.
2. INSTALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
3. OBTAIN AND PAY FOR PERMITS, FEES, AND INSPECTIONS REQUIRED FOR THIS WORK.
4. PROVIDE NEW MATERIALS, EQUIPMENT AND PRODUCTS INCORPORATED IN THE WORK, OF A SUITABLE GRADE FOR THE PURPOSES INTENDED.
5. EQUIPMENT OR MATERIAL DEVIATIONS FROM INDICATED CONTRACT REQUIREMENTS ARE SUBJECT TO THE APPROVAL OF THE COR/VA. SUBMIT PROPOSED EQUIPMENT DEVIATIONS THAT ARE SIMILAR BOTH IN QUALITY AND CAPACITY TO THAT EQUIPMENT SPECIFIED, AS SOLELY DETERMINED BY THE COR/VA.
6. INSTALL EQUIPMENT AS INDICATED, ALLOWING FOR SUFFICIENT ACCESS AND CLEARANCE SPACE FOR EQUIPMENT MAINTENANCE, REPAIRS, AND REPLACEMENT.
7. AT EACH PLUMBING FIXTURE, PROVIDE A PISTON TYPE WATER HAMMER ARRESTOR SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
8. SANITARY DRAINAGE PIPING INDICATED IS LOCATED BELOW FLOOR SLAB OR WITHIN WALLS UNLESS NOTED OTHERWISE. SANITARY VENT PIPING INDICATED IS ABOVE THE CEILING OR WITHIN WALLS UNLESS NOTED OTHERWISE.
9. SUPPORT PIPING SYSTEM AS REQUIRED BY APPLICABLE LOCAL, STATE, AND NATIONAL CODES ALONG WITH SPECIFICATIONS, VA STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
10. FIRESTOP AND SEAL PIPING PENETRATIONS THROUGH WALLS AND FLOORS EQUAL TO THE RATING OF WALLS AND FLOORS.
11. TEST PLUMBING SYSTEM IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND NATIONAL CODES AND APPLICABLE VA STANDARDS.
12. COORDINATE PLUMBING PIPING WITH WORK OF OTHER DISCIPLINES.
13. DISINFECT DOMESTIC WATER SYSTEM IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND APPLICABLE VA STANDARDS.
14. PROVIDE SHUT OFF VALVES AT BRANCH PIPING TO FIXTURES.
15. COORDINATE PLUMBING WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION. COORDINATE ROUTING OF PIPING WITH EXISTING CONDITIONS.
16. PROVIDE ALL NECESSARY OFFSETS, TEES, ELBOWS, ETC. FOR A COMPLETE AND COORDINATED WORKING PLUMBING SYSTEM. DRAWING PLANS, SCHEMATICS, AND DIAGRAMS INDICATE GENERAL LOCATION AND ARRANGEMENT OF PIPING SYSTEMS.
17. CONTRACTOR SHALL COORDINATE ANY PLUMBING SYSTEM REQUIRED SHUTDOWN WITH THE COR/VA 1 WEEK IN ADVANCE.
18. PATCH, PAINT AND CLEAN SURFACES SUSTAINING DAMAGE ASSOCIATED WITH PLUMBING WORK OF THIS CONTRACT, UNLESS NOTED OTHERWISE.
19. INSTALL ESCUTCHEONS IN ALL PLACES WHERE PIPING PENETRATES A WALL IN AN EXPOSED LOCATION.
20. DO NOT INSTALL PIPES ABOVE TELECOM OR ELECTRICAL EQUIPMENT.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEER — 3/24/2026

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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: PLUMBING GENERAL INFORMATION

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: SWR | Drawn: AV

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: MP002

Dwg. 2 of 62

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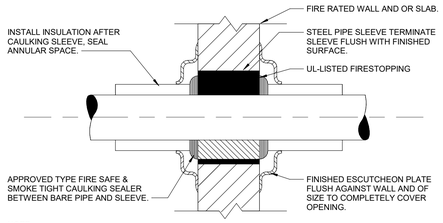
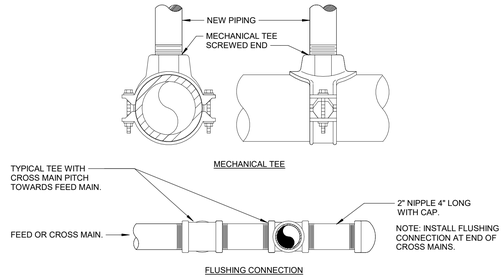


NOTE:
MINIMUM SIZE OF OPENINGS AROUND SPRINKLER PIPE PENETRATIONS OF CONCRETE OR CMU WALLS SHALL BE IN ACCORDANCE WITH NFPA 13 SEISMIC REQUIREMENTS.

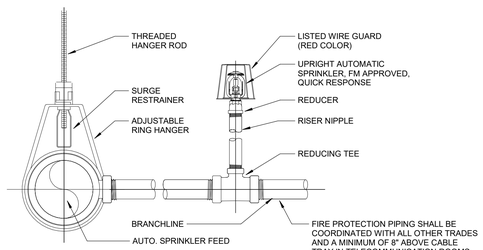
4 SPRINKLER PIPE SLEEVE THRU FIRE RATED WALL DETAIL

Scale: No Scale



1 MECHANICAL TEE AND FLUSHING CONNECTION DETAIL

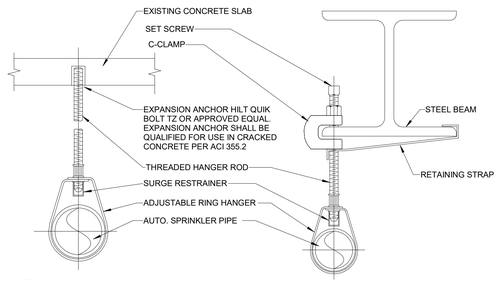
Scale: No Scale



NOTES:
1. ALL EXPOSED PIPING SHALL BE PAINTED RED.
2. PROVIDE GUARDS ON UPRIGHT SPRINKLERS UNLESS OTHERWISE NOTED.

5 UPRIGHT AUTOMATIC SPRINKLER WITH GUARD DETAIL

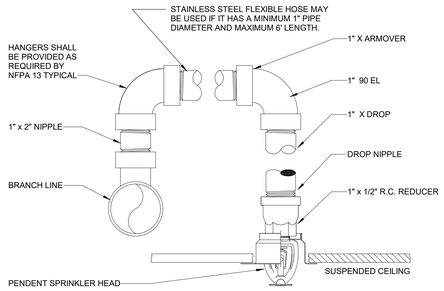
Scale: No Scale



NOTE:
HANGING DETAILS SHOWN ARE SUBJECT TO REQUIREMENTS OF SEISMIC DESIGN.

2 PIPE HANGER SUPPORT DETAIL

Scale: No Scale



NOTE:
1. ALL SPRINKLERS SHALL BE FM APPROVED QUICK RESPONSE.
2. ALL EXPOSED PIPING SHALL BE PAINTED RED.

3 SEMI-RECESSED PENDENT SPRINKLER DETAIL

Scale: No Scale

FIRE SUPPRESSION SYMBOLS & ABBREVIATIONS

NOTE: NOT ALL SYMBOLS MAY BE USED ON THIS PROJECT

FS	WET FIRE SUPPRESSION LINE		EXTERIOR ALARM GONG (WATER ACTIVATED)
FP-D	CLEAN AGENT FIRE SUPPRESSION LINE		BACKFLOW PREVENTER
	UPRIGHT SPRINKLER HEAD		CHECK VALVE
	SEMI-RECESSED SPRINKLER HEAD		GATE VALVE
	CONCEALED SPRINKLER HEAD	T&D	TEST AND DRAIN ASSEMBLY
	PENDANT SPRINKLER HEAD	TS	TAMPER SWITCH
	SIDEWALL SPRINKLER HEAD		
#	NEW WORK KEYNOTE	FS	FLOW SWITCH
#	DEMOLITION KEYNOTE		LIGHT HAZARD
	POINT OF NEW CONNECTION		ORDINARY HAZARD GROUP 1 OCCUPANCY
			ORDINARY HAZARD GROUP 2 OCCUPANCY
	LIMIT OF DEMOLITION	## / #	DETAIL MODULE NUMBER / DETAIL OR SECTION MARK
FPC	FIRE PROTECTION CONTRACTOR		SHOWN ON DRAWING
SD	CEILING MOUNTED SMOKE DETECTOR		CLEAN AGENT DISCHARGE NOZZLE

INFECTION CONTROL MEASURES

1. CONTRACTOR SHALL COMPLY WITH THE VA'S INFECTION CONTROL RISK ASSESSMENT REQUIREMENTS AND WRITTEN DUST CONTROL PLAN.
2. EXISTING AIR QUALITY REQUIREMENTS AND OTHER UTILITY REQUIREMENTS FOR OCCUPIED AREAS SHALL BE MAINTAINED.
3. RENOVATION AREAS SHALL BE ISOLATED FROM OCCUPIED AREAS DURING CONSTRUCTION USING AIRTIGHT BARRIERS. PROVIDE EXHAUST AIRFLOW IN A MANNER THAT SHALL BE SUFFICIENT TO MAINTAIN NEGATIVE AIR PRESSURE IN THE CONSTRUCTION ZONE. COORDINATE TEMPORARY BARRIERS WITH INTERIM LIFE SAFETY MEASURES.
4. FIRE PROTECTION SYSTEM REVISIONS SHALL BE PROPERLY PERFORMED TO LIMIT WATERBORNE OPPORTUNISTIC PATHOGENS.
5. CRUCIAL VENTILATION SPECIFICATIONS FOR AIR BALANCE AND FILTRATION SHALL BE VERIFIED BEFORE COR/VA'S ACCEPTANCE.

BUILDING AND OCCUPANT SAFETY - INTERRUPTION OF FIRE PROTECTION SERVICE

1. DURING THE TIME THAT THE FIRE PROTECTION RENOVATION WORK IS BEING PERFORMED, AND THE FIRE PROTECTION SYSTEM IS OUT OF COMMISSION, CONTRACTOR SHALL HAVE SUFFICIENT PERSONNEL ONSITE TO KEEP A "FIRE WATCH" ON THE FACILITY IN ACCORDANCE WITH VA REQUIREMENTS. AN OUT OF SERVICE TAG MUST BE PLACED AT THE FIRE ALARM PANEL AND THE FIRE DEPARTMENT CONNECTION. REFER TO INTERNATIONAL FIRE CODE CHAPTER 9, SECTION 901.7.
2. FIRE WATCH PERSONNEL ARE TO KEEP WATCH FOR FIRES IN THE GENERAL AREA OF PERFORMANCE, THE PERSONS PERFORMING THE FIRE WATCH ARE NOT PERMITTED TO PERFORM ANY OTHER DUTIES.
3. FIRE WATCH PERSONNEL ARE TO HAVE FIRE EXTINGUISHING EQUIPMENT READILY AVAILABLE AND TO BE TRAINED IN ITS USE.
4. THE QUANTITY OF PERSONNEL INVOLVED IN THE FIRE WATCH IS TO BE ADEQUATE SUCH THAT EACH FLOOR, LEVEL, AND ROOM OF THE FIRE AREA IS COVERED.

FIRE SUPPRESSION DEMOLITION GENERAL NOTES

1. LOCATIONS SHOWN FOR EXISTING FIRE PROTECTION PIPE AND EQUIPMENT ARE APPROXIMATE. FIELD VERIFY THE EXACT LOCATIONS OF EXISTING FIRE PROTECTION LINES AND EQUIPMENT INCLUDING RISERS AND VALVES PRIOR TO START OF WORK.
2. COORDINATE WITH COR/VA FOR ANY SHUTDOWNS OR PLANNED INTERRUPTIONS OF THE FIRE PROTECTION SERVICE. GIVE THE COR/VA THREE (3) DAYS NOTICE PRIOR TO PLANNED SHUTDOWN OR INTERRUPTION.
3. COORDINATE DEMOLITION OF FIRE PROTECTION PIPING WITH OTHER PIPING WHICH IS NOT TO BE REMOVED. PROTECT OTHER PIPING WHICH IS NOT TO BE REMOVED FROM DAMAGE, DIRT, AND DEBRIS.
4. FIRE PROTECTION RELATED EQUIPMENT AND PIPING WHICH IS REMOVED FROM THE BUILDING IS TO BE TAKEN OFFSITE AND DISPOSED OF.

FIRE SUPPRESSION GENERAL NOTES

1. USE NFPA-13 (2019), CHAPTER "PLANS AND CALCULATIONS" AS A GUIDELINE WHEN PREPARING SUBMITTALS FOR REVIEW. DISREGARD ONLY THOSE ITEMS NOT APPLICABLE TO THE INDIVIDUAL BUILDING SYSTEM. FIRE PROTECTION MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA-13 FOR THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEM.
2. INSTALLATION SHALL COMPLY WITH VA REQUIREMENTS.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ROOM FINISH SCHEDULE WHICH INDICATE CEILING HEIGHTS. COORDINATE WITH ARCHITECT'S REFLECTED CEILING PLAN FOR LOCATION OF SPRINKLER HEADS IN AREAS WITH CEILINGS. LOCATE HEADS IN AREAS WITHOUT CEILINGS AS REQUIRED BY NFPA AND VA REQUIREMENTS FOR THE APPROPRIATE HAZARD CLASSIFICATION.
4. THIS FACILITY IS FULLY SPRINKLERED. FIRE SUPPRESSION SYSTEM SHALL BE WET PIPE TYPE SYSTEM WITH COMPLETE SPRINKLER PROTECTION UNLESS NOTED OTHERWISE. SYSTEM TO BE DESIGNED AS REQUIRED BY NFPA AND VA REQUIREMENTS FOR THE APPROPRIATE HAZARD CLASSIFICATION.
5. SPRINKLER HEAD LAYOUTS INDICATED ARE BASED ON OCCUPANCY HAZARD CLASSIFICATIONS OUTLINED IN NFPA-13 AND VA STANDARDS.
6. PIPING IS SHOWN IN SCHEMATIC FORM TO INDICATE APPROXIMATE ARRANGEMENT OF EQUIPMENT AND PIPING. SPRINKLER CONTRACTOR SHALL DESIGN THE SYSTEM AND ROUTE PIPING AS REQUIRED FOR CONFORMANCE WITH ACTUAL BUILDING CONDITIONS AND NFPA REQUIREMENTS. COORDINATE SPRINKLER WORK WITH ALL OTHER TRADES TO AVOID CONFLICT.
7. SUPPORT NEW PIPING AND EQUIPMENT FROM STRUCTURE. PROVIDE ALL SUPPLEMENTAL STEEL TO SPAN BETWEEN PRIMARY BUILDING STRUCTURAL MEMBERS. DESIGN SUPPLEMENTAL STEEL AND SUPPORTS INCLUDING REACTION LOADS AT PRIMARY BUILDING STRUCTURAL MEMBERS.
8. PROVIDE SPRINKLER HEADS IN CONCEALED LOCATIONS IN ACCORDANCE WITH NFPA REQUIREMENTS.
9. CLEAN ENTIRE WORK AREA OF ALL DUST, DIRT, AND OTHER DEBRIS. MAINTAIN WORK AREA IN CLEAN CONDITION.
10. PROVIDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, ETC. REQUIRED FOR COMPLETE AND FUNCTIONAL SYSTEM AS SPECIFIED AND INDICATED ON THE DRAWINGS.
11. REPAIR OR REPLACE NON-CONFORMING AND INADEQUATE WORK AT NO ADDITIONAL COST TO THE VA.
12. PROVIDE FIRE STOPS / SEALANT AT ALL PIPE PENETRATIONS THROUGHOUT FIRE RATED WALLS. REVIEW ARCHITECTURAL PLANS PRIOR TO BIDDING AND INDICATE PENETRATIONS ON SPRINKLER LAYOUT SUBMITTAL.
13. FURNISH AND INSTALL ARMOVER SUPPORTS FOR ALL END OF LINE BRANCH LINES IN ACCORDANCE WITH NFPA-13.
14. ALL DROPS TO SPRINKLER HEADS SHALL TEE / ELBOW OFF TOP OF BRANCH PIPE, EXCEPT WHERE STRUCTURAL, ARCHITECTURAL OR MECHANICAL EQUIPMENT CONDITIONS PRECLUDE CONNECTION AT TOP OF PIPE.
15. SPRINKLER HEADS SHALL BE IN A SYMMETRICAL PATTERN, NOT NECESSARILY IN THE CENTER OF ROOMS OR CORRIDORS. LOCATE CENTERED IN CEILING TILE WHERE POSSIBLE.

THE FIRE PROTECTION DRAWING IS DESIGNED TO BE IN CONFORMANCE WITH NFPA 13. IT IS A PERFORMANCE BASED DRAWING INDICATING THE EXTENT OF FIRE PROTECTION WORK FOR THE AREA THAT THIS DRAWING REPRESENTS. THIS DRAWING IS "FOR INFORMATION ONLY", AS A REFERENCE FOR THE FIRE PROTECTION CONTRACTOR TO BASE THE DESIGN OF THE FIRE PROTECTION SYSTEM ON. THE CONTRACTOR SHALL VERIFY THE EXACT CONDITIONS THAT THIS DRAWING REPRESENTS, INCLUDING ANY PERCEIVED CONCEALED SPACES, AND THE BUILDING TYPE AND CONSTRUCTION AS OUTLINED IN THE INTERNATIONAL BUILDING CODE. PRIOR TO THE START OF WORK REFER NFPA 13, AND THE PROJECT SPECIFICATIONS FOR OTHER FIRE PROTECTION REQUIREMENTS.

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

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SEAN W. REID
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3/24/2026

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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: FIRE SUPPRESSION GENERAL INFORMATION

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: SWR | Drawn: AV

Drawing Number: MP003

Dwg. 3 of 62

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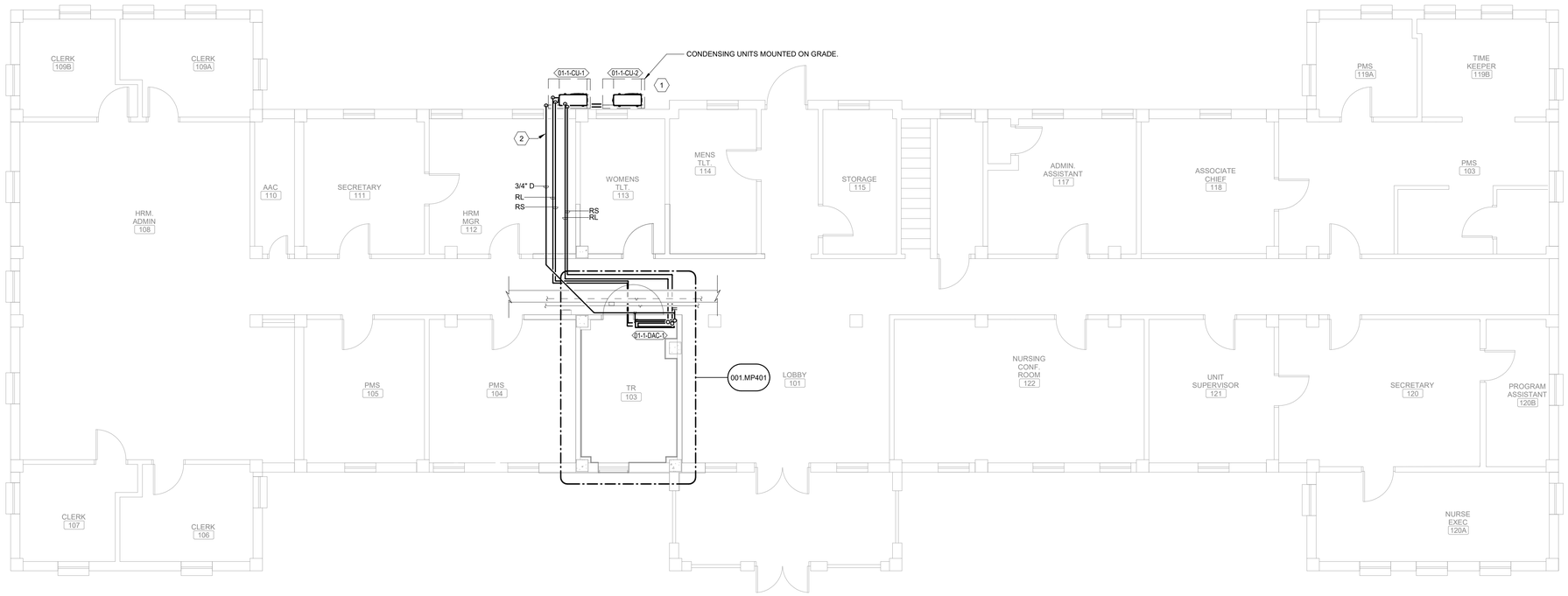


1 FIRST FLOOR, MECHANICAL OVERALL PLAN

Scale: 3/16" = 1'-0"

0 4 8 16

NORTH

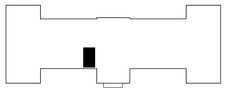
KEY NOTES:

1. ROUTE REFRIGERANT PIPING TO ASSOCIATED INDOOR SPLIT SYSTEM.
2. ROUTE CONDENSATE DRAIN PIPING TO EXTERIOR WALL. DISCHARGE CONDENSATE ON NEW SPLASH BLOCK.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 32484/B — PROFESSIONAL ENGINEER — 3/24/2026

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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 1, FIRST FLOOR, OVERALL MECHANICAL 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: # 1

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 001.M-101

Dwg. 4 of 62

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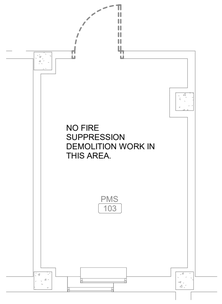
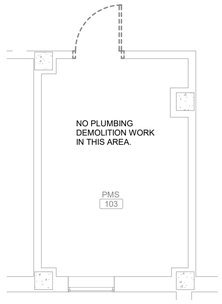


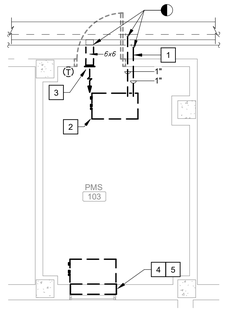
FIRST FLOOR TELECOM ROOM 103 FIRE SUPPRESSION DEMOLITION PLAN

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



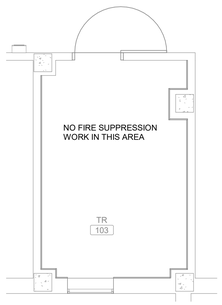
FIRST FLOOR TELECOM ROOM 103 PLUMBING DEMOLITION PLAN

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



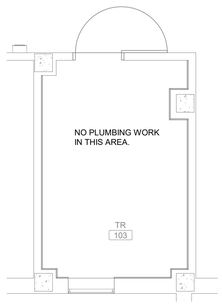
FIRST FLOOR TELECOM ROOM 103 MECHANICAL DEMOLITION PLAN

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



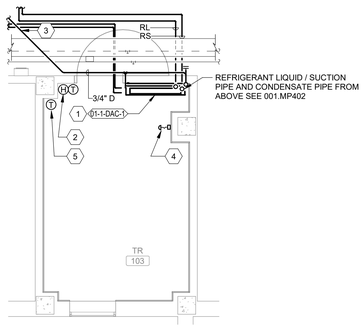
FIRST FLOOR TELECOM ROOM 103 FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 103 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 103 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP AT MAIN.
2 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS. DEMOLISH ASSOCIATED THERMOSTAT AND WIRING.
3 DEMOLISH DIFFUSER / GRILLE AND ASSOCIATED DUCTWORK BACK TO LIMITS OF DEMOLITION AND CAP.
4 DEMOLISH STEAM RADIATOR AND CAP STEAM SUPPLY AND CONDENSATE PIPING AT FLOOR.
5 DEMOLISH EXISTING WINDOW AC UNIT.

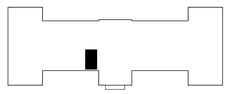
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT. REFER TO OVERALL PLANS.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.
3 ROUTE CONDENSATE TO EXTERIOR WALL, SEE 001.M-101 FOR CONTINUATION.
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID, LICENSE No. 0049418 — PROFESSIONAL ENGINEERING — 3/24/2026

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 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: # 1

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 001.MP401

Dwg. 5 of 62

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VA FORM 08-6231

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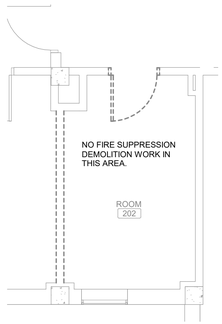
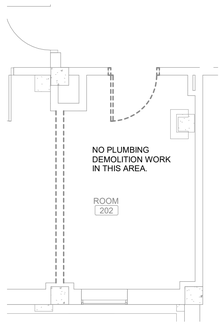


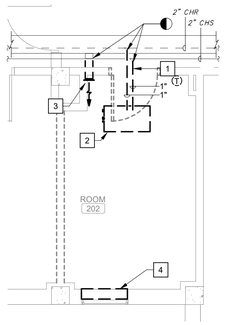
SECOND FLOOR TELECOM ROOM 202 FIRE SUPPRESSION DEMOLITION PLAN

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



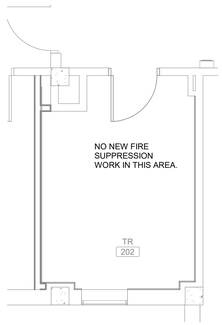
SECOND FLOOR TELECOM ROOM 202 PLUMBING DEMOLITION PLAN

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



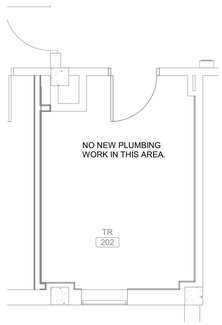
SECOND FLOOR TELECOM ROOM 202 MECHANICAL DEMOLITION PLAN

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



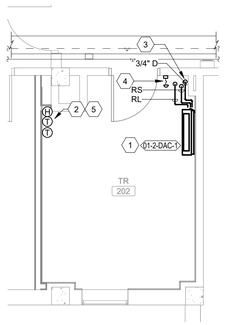
SECOND FLOOR TELECOM ROOM 202 FIRE SUPPRESSION PLAN

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



SECOND FLOOR TELECOM ROOM 202 PLUMBING PLAN

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



SECOND FLOOR TELECOM ROOM 202 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.

2 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS. DEMOLISH ASSOCIATED THERMOSTAT AND WIRING.

3 DEMOLISH DIFFUSER / GRILLE AND ASSOCIATED DUCTWORK BACK TO LIMITS OF DEMOLITION AND CAP.

4 DEMOLISH STEAM RADIATOR AND CAP STEAM SUPPLY AND CONDENSATE PIPING AT FLOOR.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT. REFER TO OVERALL PLANS.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 REFRIGERANT PIPING AND CONDENSATE DRAIN PIPING ROUTED DOWN TO FIRST FLOOR. SEE 001.MP401 FOR CONTINUATION.

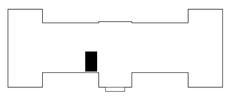
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEER — 3/24/2026

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 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: # 1

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 001.MP402

Dwg. 6 of 62

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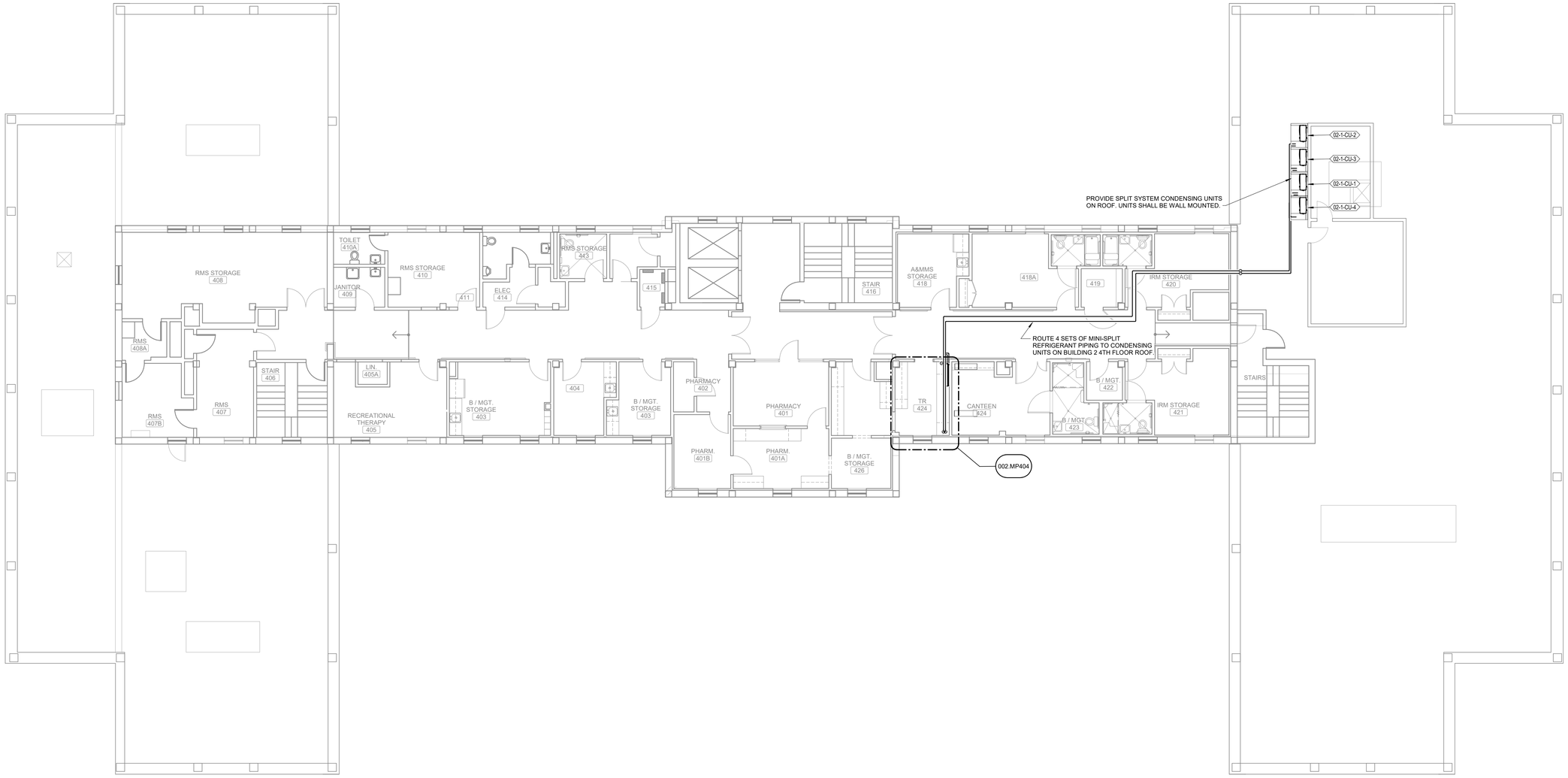

1 **FOURTH FLOOR, OVERALL MECHANICAL PLAN**

Scale: 1/8" = 1'-0"

0 4 8 16

NORTH

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 00404-18 — PROFESSIONAL ENGINEER — 3/24/2026

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 2, FOURTH FLOOR, OVERALL MECHANICAL 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: # 2

Approved:

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 002.M-101

Dwg. 7 of 62

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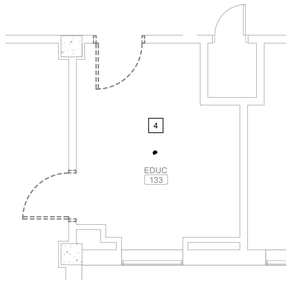
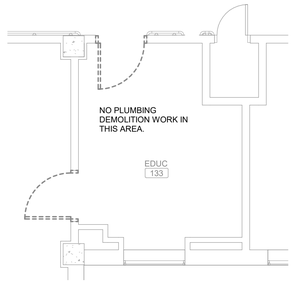


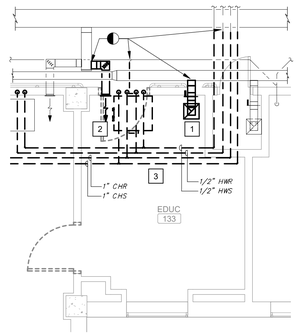
FIRST FLOOR TELECOM ROOM 133 FIRE SUPPRESSION DEMOLITION PLAN

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



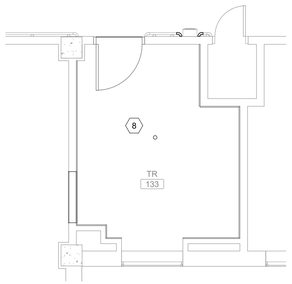
FIRST FLOOR TELECOM ROOM 133 PLUMBING DEMOLITION PLAN

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



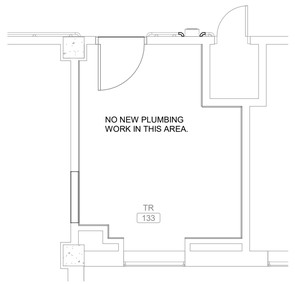
FIRST FLOOR TELECOM ROOM 133 MECHANICAL DEMOLITION PLAN

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



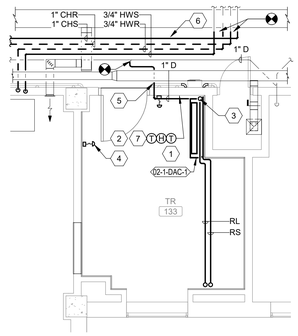
FIRST FLOOR TELECOM ROOM 133 FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 133 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 133 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

2 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS.

3 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP. PREPARE TO REROUTE IN NEW WORK.

4 DEMOLISH EXISTING SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT. REFER TO OVERALL PLANS.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 CONNECT 3/4" CONDENSATE DRAIN TO RISER FROM ABOVE.

4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

5 ROUTE CONDENSATE PIPE FROM ABOVE TO CONDENSATE PIPE SERVING EXISTING FCUS.

6 REROUTE EXISTING HYDRONIC PIPING AROUND NEW TR ROOM. CONNECT TO EXISTING FAN COIL UNIT IN ROOM 134.

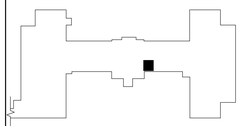
7 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

8 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEER — 3/24/2026

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 2, FIRST FLOOR, TELECOM ROOM 133 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # 2

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

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 002.MP401

Dwg. 8 of 62

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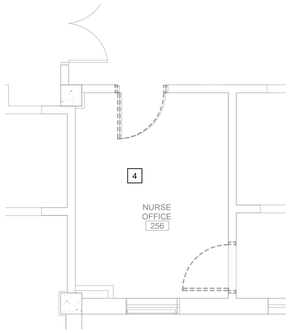
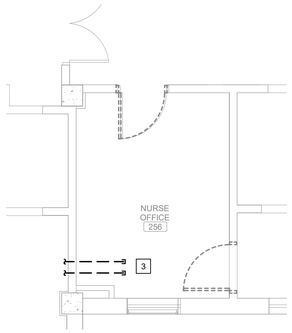


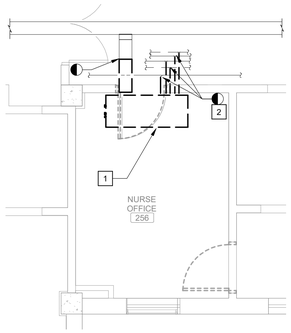
SECOND FLOOR TELECOM ROOM 256 FIRE SUPPRESSION DEMOLITION PLAN

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



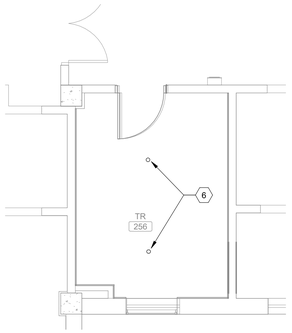
SECOND FLOOR TELECOM ROOM 256 PLUMBING DEMOLITION PLAN

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



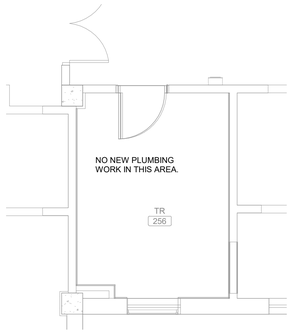
SECOND FLOOR TELECOM ROOM 256 MECHANICAL DEMOLITION PLAN

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



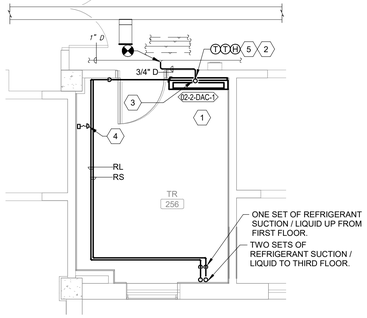
SECOND FLOOR TELECOM ROOM 256 FIRE SUPPRESSION PLAN

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



SECOND FLOOR TELECOM ROOM 256 PLUMBING PLAN

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



SECOND FLOOR TELECOM ROOM 256 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING FAN COIL UNIT AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF, CAP DUCT.
2 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.
3 DEMOLISH EXISTING 1" DEAD LEGS TO ROOM EXTENT AND CAP.
4 DEMOLISH EXISTING SPRINKLER HEAD.

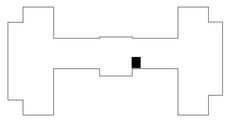
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT. REFER TO OVERALL PLANS.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.
3 ROUTE 3/4" CONDENSATE DRAIN FROM UNIT TO FLOOR BELOW. ROUTE CONDENSATE FROM FLOOR ABOVE TO EXISTING CONDENSATE PIPING SERVING FCUS.
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 0040418
PROFESSIONAL ENGINEER
3/24/2026

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, 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: # 2

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 002.MP402

Dwg. 9 of 62

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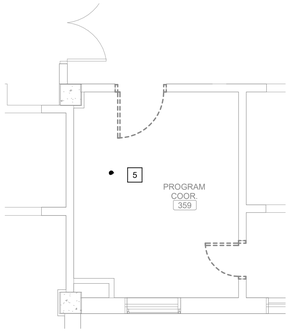
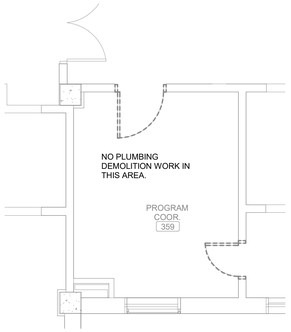


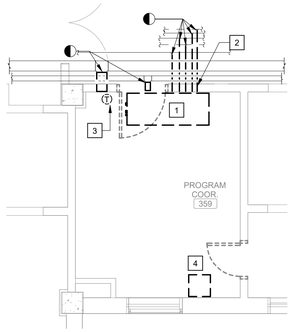
THIRD FLOOR TELECOM ROOM 359 FIRE SUPPRESSION DEMOLITION PLAN

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



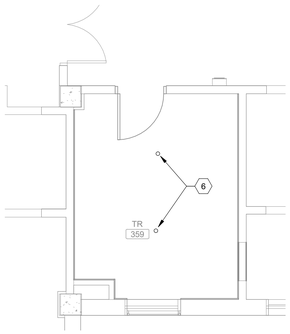
THIRD FLOOR TELECOM ROOM 359 PLUMBING DEMOLITION PLAN

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



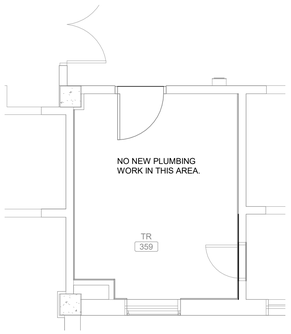
THIRD FLOOR TELECOM ROOM 359 MECHANICAL DEMOLITION PLAN

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



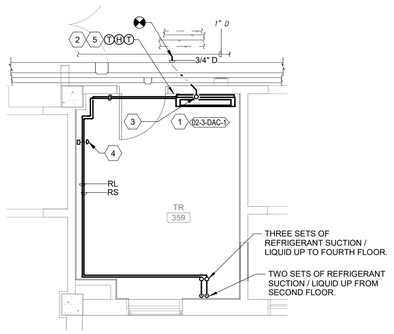
THIRD FLOOR TELECOM ROOM 359 FIRE SUPPRESSION PLAN

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



THIRD FLOOR TELECOM ROOM 359 PLUMBING PLAN

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



THIRD FLOOR TELECOM ROOM 359 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING FAN COIL UNIT, HANGARS, AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF. CAP DUCT.
2 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING BACK TO MAIN AND CAP.
3 DEMOLISH EXISTING THERMOSTAT AND ASSOCIATED WIRING.
4 DEMOLISH EXISTING DEHUMIDIFIER AND DRAIN LINE. REPAIR WINDOW FRAME.
5 DEMOLISH EXISTING SPRINKLER HEADS.

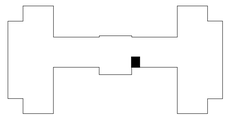
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT. REFER TO OVERALL PLANS.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.
3 ROUTE 3/4" CONDENSATE DRAIN FROM UNIT TO FLOOR BELOW. ROUTE CONDENSATE FROM FLOOR ABOVE TO EXISTING CONDENSATE PIPING SERVING FCUS.
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 00484418 — PROFESSIONAL ENGINEER — 3/24/2026

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 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)

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

VA PROJECT NUMBER: 502-21-222

Building Number: # 2

Drawing Number: 002.MP403

Dwg. 10 of 62

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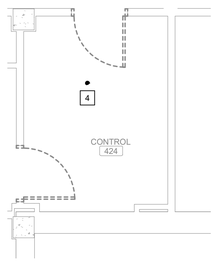
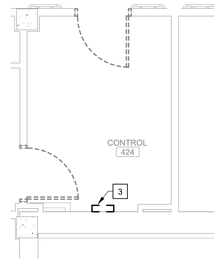


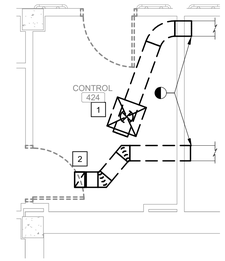
FOURTH FLOOR TELECOM ROOM 424 FIRE SUPPRESSION DEMOLITION PLAN

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



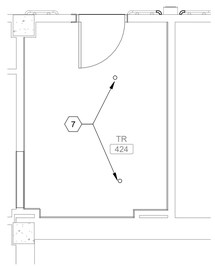
FOURTH FLOOR TELECOM ROOM 424 PLUMBING DEMOLITION PLAN

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



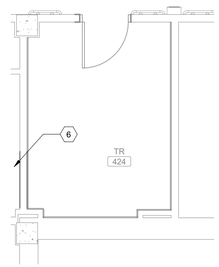
FOURTH FLOOR TELECOM ROOM 424 MECHANICAL DEMOLITION PLAN

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



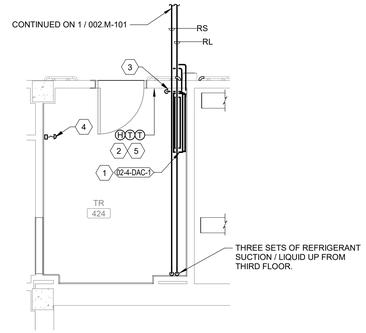
FOURTH FLOOR TELECOM ROOM 424 FIRE SUPPRESSION PLAN

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



FOURTH FLOOR TELECOM ROOM 424 PLUMBING PLAN

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



FOURTH FLOOR TELECOM ROOM 424 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE SUPPLY DIFFUSER AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

2 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

3 CAREFULLY REMOVE AND STORE MEDICAL GAS ALARM PANEL FOR REINSTALLATION. OXYGEN SERVICE ONLY.

4 DEMOLISH EXISTING SPRINKLER HEADS.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT. REFER TO OVERALL PLANS.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 ROUTE 3/4" CONDENSATE DRAIN FROM UNIT DOWN TO FLOOR BELOW. AS SHOWN.

4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

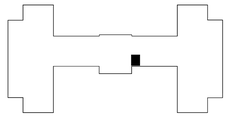
6 REINSTALL MEDICAL GAS ALARM PANEL IN ADJACENT ROOM. OXYGEN SERVICE ONLY.

7 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 00484/8 — PROFESSIONAL ENGINEER — 3/24/2026

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, 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)

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

VA PROJECT NUMBER: 502-21-222

Building Number: # 2

Drawing Number: 002.MP404

Dwg. 11 of 62

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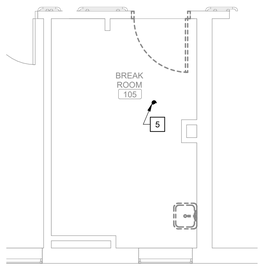
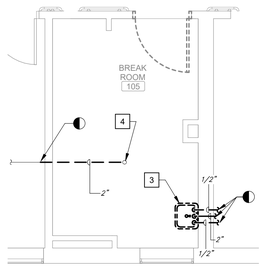


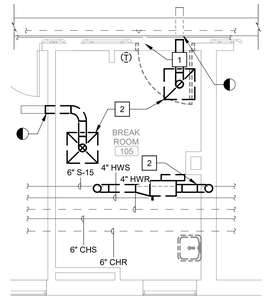
FIRST FLOOR TELECOM ROOM 105 FIRE SUPPRESSION DEMOLITION PLAN

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



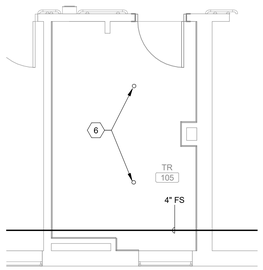
FIRST FLOOR TELECOM ROOM 105 PLUMBING DEMOLITION PLAN

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



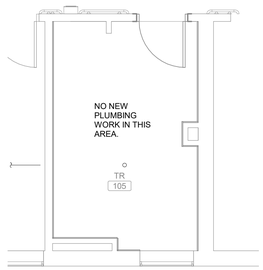
FIRST FLOOR TELECOM ROOM 105 MECHANICAL DEMOLITION PLAN

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



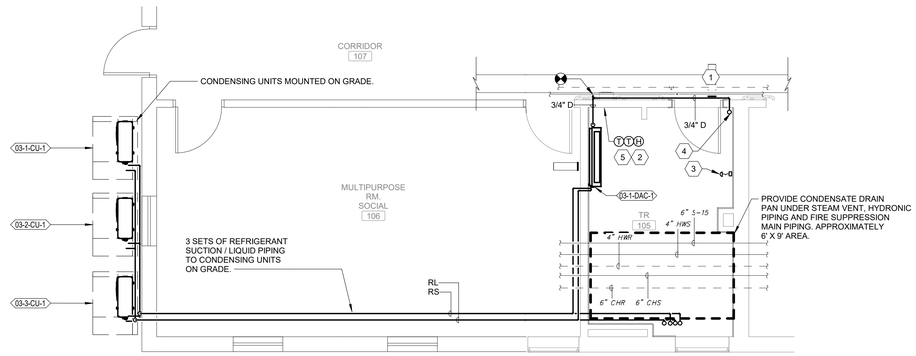
FIRST FLOOR TELECOM ROOM 105 FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 105 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 105 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

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F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.

2 DEMOLISH DIFFUSER / GRILLE AND DUCTWORK. CAP DUCT AND PATCH WALL.

3 DEMOLISH EXISTING LAVATORY AND ASSOCIATED PIPING. CAP WASTE AND VENT PIPING AT MAIN. CAP DOMESTIC WATER PIPING TO WITHIN TWO PIPE DIAMETERS OF MAIN/RISER.

4 DEMOLISH EXISTING SANITARY PIPING AS INDICATED. SANITARY NOT CONNECTED ABOVE.

5 DEMOLISH EXISTING SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.

3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

4 ROUTE 3/4" CONDENSATE DRAIN FROM FLOOR ABOVE TO COMBINE WITH CONDENSATE PIPE SERVING NEW UNIT ON THIS FLOOR AND THEN CONNECT TO EXISTING CONDENSATE PIPE SERVING FCUS. DO NOT ROUTE CONDENSATE DRAIN PIPING OVER ELECTRICAL PANELS.

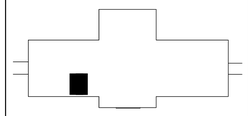
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEER — 3/24/2026

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, 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: # 3

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 003.MP401

Dwg. 12 of 62

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VA FORM 08-6231

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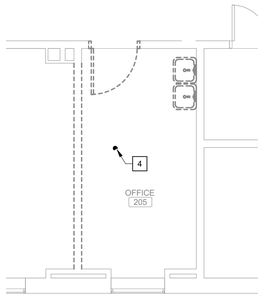
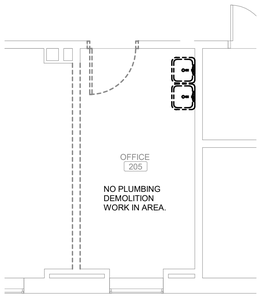


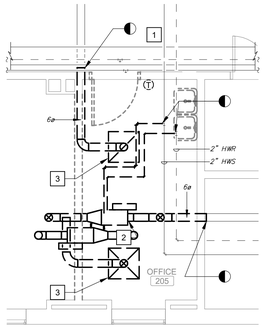
SECOND FLOOR TELECOM ROOM 205 FIRE SUPPRESSION DEMOLITION PLAN

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



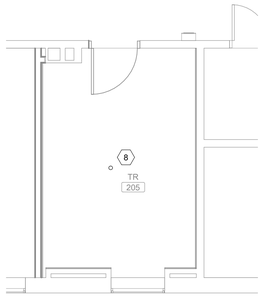
SECOND FLOOR TELECOM ROOM 205 PLUMBING DEMOLITION PLAN

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



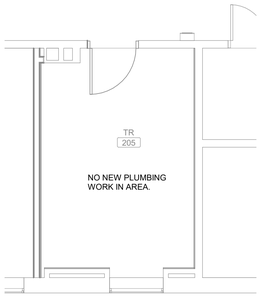
SECOND FLOOR TELECOM ROOM 205 MECHANICAL DEMOLITION PLAN

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



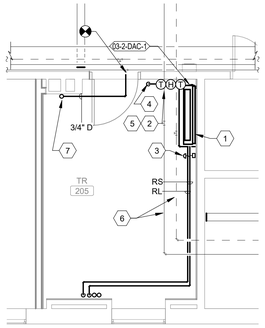
SECOND FLOOR TELECOM ROOM 205 FIRE SUPPRESSION PLAN

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



SECOND FLOOR TELECOM ROOM 205 PLUMBING PLAN

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



SECOND FLOOR TELECOM ROOM 205 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.
2 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS.
3 DEMOLISH DIFFUSER / GRILLE AND DUCTWORK. CAP DUCT AND PATCH WALL.
4 DEMOLISH EXISTING SPRINKLER HEAD.

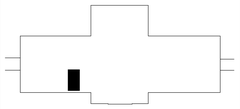
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT. REFER TO 003.MP401.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 ROUTE 3/4" CONDENSATE DRAIN FROM UNIT DOWN TO FIRST FLOOR.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6 PROVIDE DRAIN PAN UNDERNEATH EXISTING HYDRONIC PIPING.
7 ROUTE 3/4" CONDENSATE DRAIN FROM FLOOR ABOVE TO EXISTING CONDENSATE PIPE SERVING FCUS. DO NOT ROUTE CONDENSATE DRAIN PIPING OVER ELECTRICAL PANELS.
8 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0040418 — PROFESSIONAL ENGINEER — SEAL
3/24/2026

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 3, SECOND FLOOR, TELECOM ROOM 205 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: # 3

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 003.MP402

Dwg. 13 of 62

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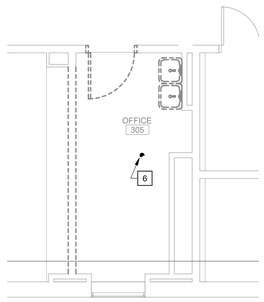
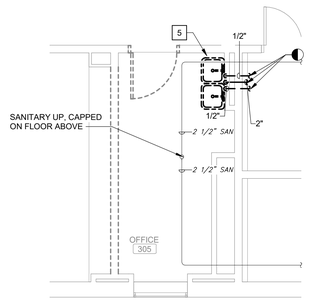


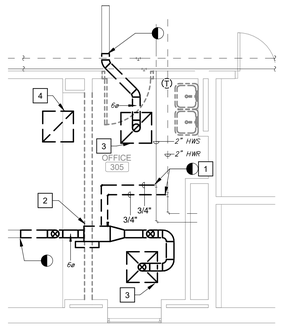
THIRD FLOOR TELECOM ROOM 305 FIRE SUPPRESSION DEMOLITION PLAN

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



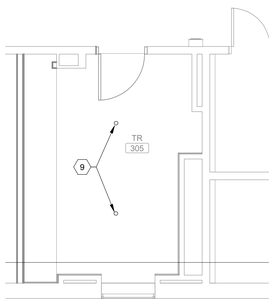
THIRD FLOOR TELECOM ROOM 305 PLUMBING DEMOLITION PLAN

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



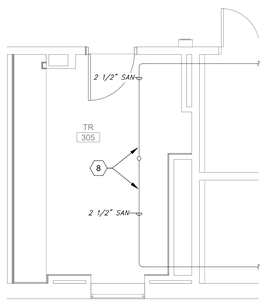
THIRD FLOOR TELECOM ROOM 305 MECHANICAL DEMOLITION PLAN

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



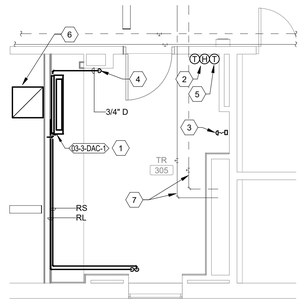
THIRD FLOOR TELECOM ROOM 305 FIRE SUPPRESSION PLAN

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



THIRD FLOOR TELECOM ROOM 305 PLUMBING PLAN

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



THIRD FLOOR TELECOM ROOM 305 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.
2 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS.
3 DEMOLISH DIFFUSER / GRILLE AND DUCTWORK. CAP DUCT AND PATCH WALL.
4 CAREFULLY REMOVE EXISTING 2'X2' RETURN DIFFUSER
5 DEMOLISH EXISTING LAVATORY AND ASSOCIATED PIPING. CAP WASTE AND VENT PIPING AT MAIN. CAP DOMESTIC WATER PIPING TO WITHIN TWO PIPE DIAMETERS OF MAIN/RISER.
6 DEMOLISH EXISTING SPRINKLER HEAD.

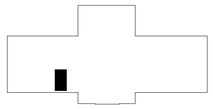
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT. REFER TO 003.MP401.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 ROUTE 3/4" CONDENSATE DRAIN FROM UNIT DOWN TO SECOND FLOOR.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6 REINSTALL 2'X2' RETURN DIFFUSER.
7 PROVIDE DRAIN PAN UNDERNEATH EXISTING HYDRONIC PIPING.
8 PROVIDE DRAIN PAN UNDERNEATH EXISTING SANITARY PIPING.
9 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEER — 3/24/2026

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 3, THIRD FLOOR, TELECOM ROOM 305 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # 3

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

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 003.MP403

Dwg. 14 of 62

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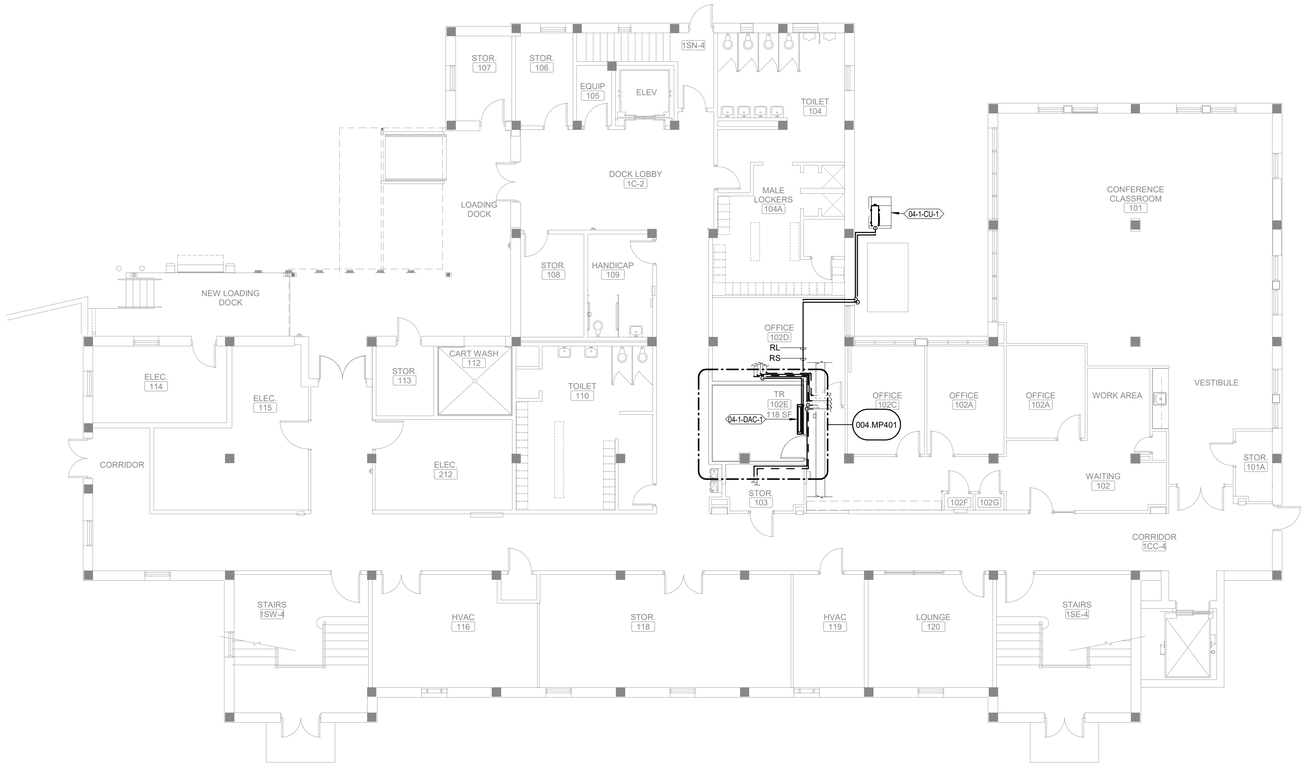


1 FIRST FLOOR, OVERALL MECHANICAL PLAN

Scale: 1/8" = 1'-0"

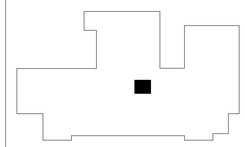
0 4 8 16

NORTH

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 00494918
PROFESSIONAL ENGINEERING
3/24/2026

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 4, FIRST FLOOR, OVERALL MECHANICAL PLAN

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: SWR | Drawn: SMR

VA PROJECT NUMBER: 502-21-222

Building Number: # 4

Drawing Number: 004.M-101

Dwg. 15 of 62

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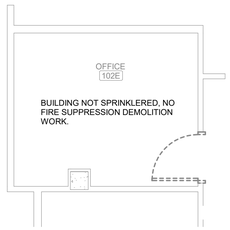
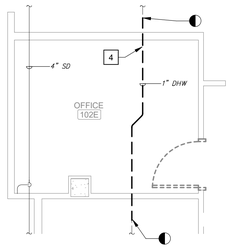


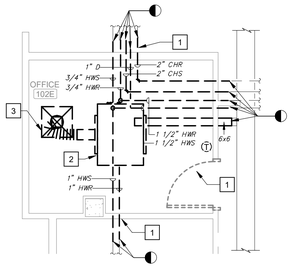
FIRST FLOOR TELECOM ROOM 102E FIRE SUPPRESSION DEMOLITION PLAN

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



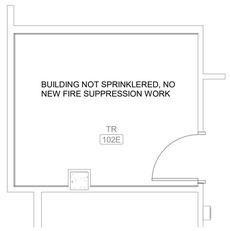
FIRST FLOOR TELECOM ROOM 102E PLUMBING DEMOLITION PLAN

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



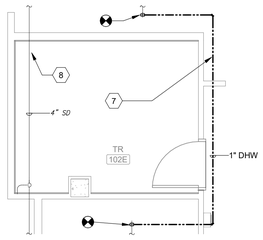
FIRST FLOOR TELECOM ROOM 102E MECHANICAL DEMOLITION PLAN

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



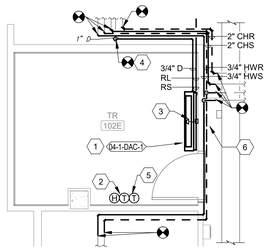
FIRST FLOOR TELECOM ROOM 102E FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 102E PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 102E MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP. PREPARE FOR RECONNECTION IN NEW WORK.
2 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS.
3 DEMOLISH DIFFUSER / GRILLE AND DUCTWORK.
4 DEMOLISH EXISTING DOMESTIC WATER PIPING AS INDICATED.

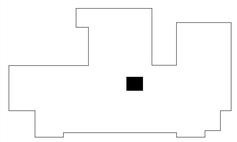
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT AT LEAST 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO LOCATION OF OUTSIDE UNIT, SEE 004.M-101.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 CONNECT NEW 3/4" CONDENSATE DRAIN TO EXISTING 1" CONDENSATE DRAIN PIPING.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6 REROUTE EXISTING HYDRONIC PIPING AROUND NEW TR ROOM, RECONNECT TO EXISTING PIPING OUTSIDE TR ROOM FOOTPRINT.
7 REROUTE EXISTING DOMESTIC WATER AROUND NEW TR ROOM.
8 PROVIDE DRAIN PAN UNDERNEATH EXISTING SANITARY PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEER — 3/24/2026

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 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: # 4

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 004.MP401

Dwg. 16 of 62

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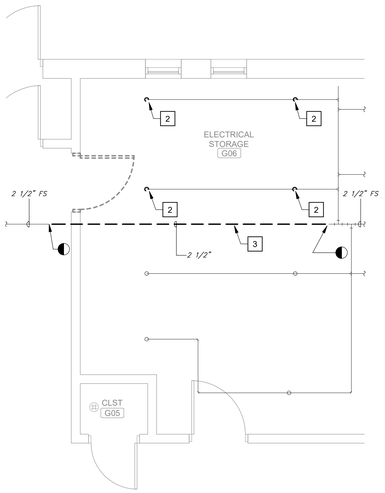
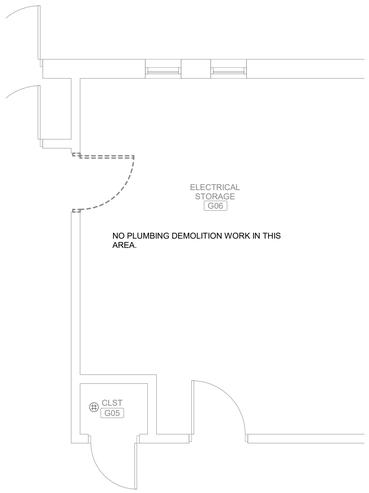
VA FORM 08-6231

Docusign Envelope ID: DA068B76-2C54-400D-BC00-221FCC893EBE



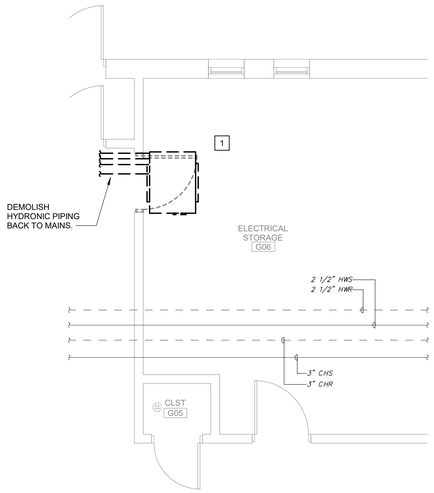
BASEMENT FLOOR TELECOM ROOM G06A FIRE SUPPRESSION DEMOLITION PLAN

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



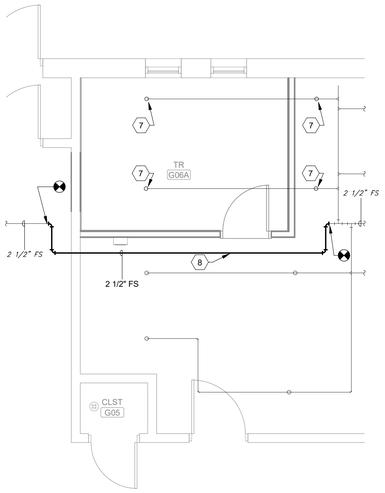
BASEMENT FLOOR TELECOM ROOM G06A PLUMBING DEMOLITION PLAN

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



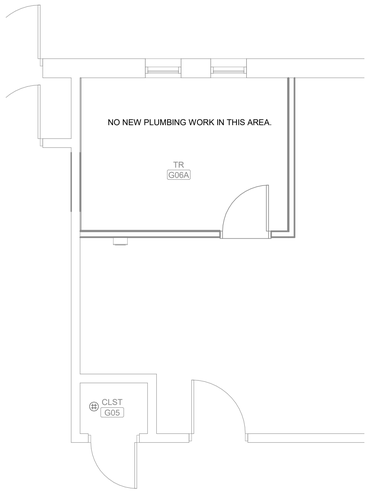
BASEMENT FLOOR TELECOM ROOM G06A MECHANICAL DEMOLITION PLAN

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



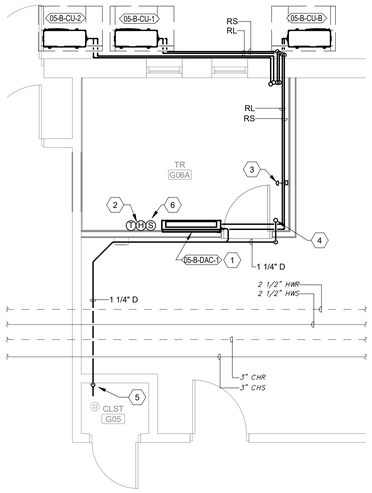
BASEMENT FLOOR TELECOM ROOM G06A FIRE SUPPRESSION PLAN

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



BASEMENT FLOOR TELECOM ROOM G06A PLUMBING PLAN

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



BASEMENT FLOOR TELECOM ROOM G06A MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING FCU AND ASSOCIATED PIPING, VALVES, AND HANGERS.
2 DEMOLISH EXISTING FIRE PROTECTION HEAD.
3 DEMOLISH FIRE PROTECTION MAIN. PEPARE MAIN TO BE REROUTED.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 CONNECT 3/4" CONDENSATE DRAIN TO RISER FROM ABOVE.
5 DISCHARGE CONDENSATE DRAIN INTO FLOOR DRAIN.
6 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
7 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
8 REROUTE FIRE PROTECTION MAIN SO THAT IT DOES NOT PASS THROUGH IT ROOM.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0040418 — PROFESSIONAL ENGINEER — 3/24/2026

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 5, BASEMENT FLOOR, TELECOM ROOM G06A 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: # 5

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 005.MP401

Dwg. 17 of 62

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VA FORM 08-6231

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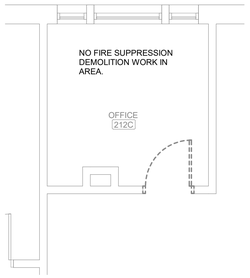
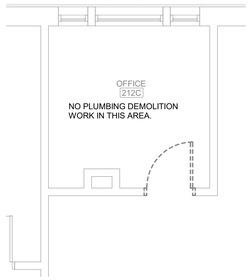


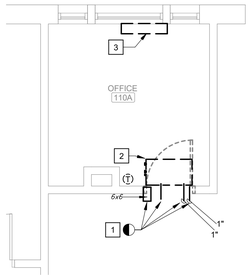
FIRST FLOOR TELECOM ROOM 110A FIRE SUPPRESSION DEMOLITION PLAN

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



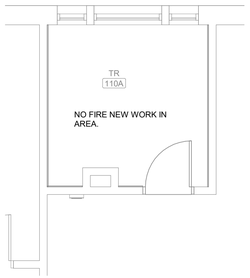
FIRST FLOOR TELECOM ROOM 110A PLUMBING DEMOLITION PLAN

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



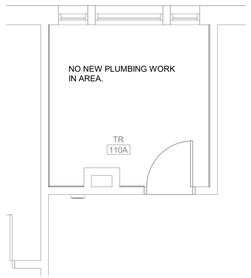
FIRST FLOOR TELECOM ROOM 110A MECHANICAL DEMOLITION PLAN

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



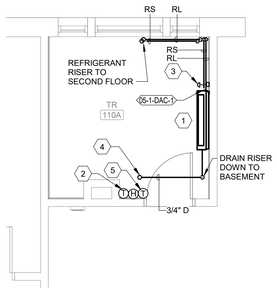
FIRST FLOOR TELECOM ROOM 110A FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 110A PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 110A MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.

2 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS.

3 DEMOLISH STEAM RADIATOR AND CAP STEAM SUPPLY AND CONDENSATE PIPING AT FLOOR.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.

3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

4 CONDENSATE RISER FROM FLOOR ABOVE ROUTED ABOVE CEILING. CONNECT TO CONDENSATE FROM NEW DAC. ROUTE RISER DOWN TO BASEMENT.

5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 0049418
PROFESSIONAL ENGINEER
3/24/2026

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, 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: # 5

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 005.MP402

Dwg. 18 of 62

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VA FORM 08-6231

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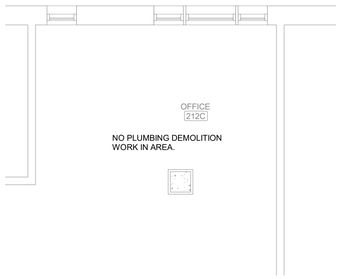
SECOND FLOOR TELECOM ROOM 212C FIRE SUPPRESSION DEMOLITION PLAN

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



SECOND FLOOR TELECOM ROOM 212C PLUMBING DEMOLITION PLAN

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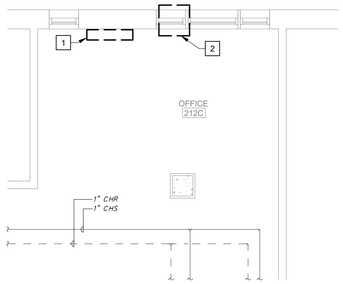
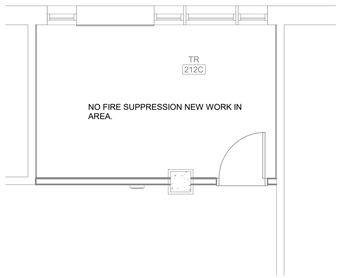


SECOND FLOOR TELECOM ROOM 212C MECHANICAL DEMOLITION PLAN

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



SECOND FLOOR TELECOM ROOM 212C FIRE SUPPRESSION PLAN

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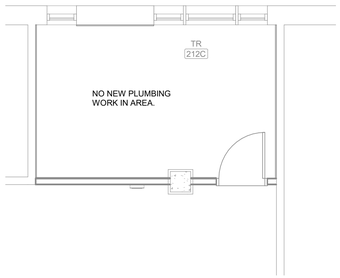

SECOND FLOOR TELECOM ROOM 212C PLUMBING PLAN

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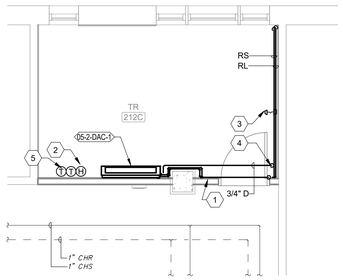

SECOND FLOOR TELECOM ROOM 212C MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

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F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH STEAM RADIATOR AND CAP STEAM SUPPLY AND CONDENSATE PIPING AT FLOOR.

2 DEMOLISH EXISTING WINDOW A/C UNIT.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.

3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

4 ROUTE CONDENSATE DRAIN DOWN TO FLOOR BELOW.

5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 0049416
PROFESSIONAL ENGINEER
3/24/2026

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

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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

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: # 5

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 005.MP403

Dwg. 19 of 62

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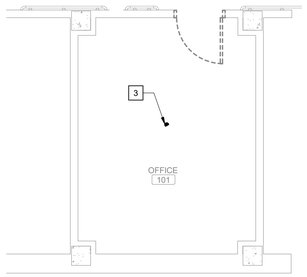
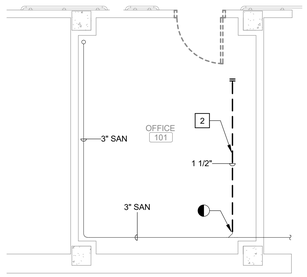


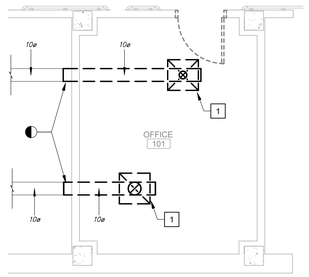
BASEMENT TELECOM ROOM 008 FIRE SUPPRESSION DEMOLITION PLAN

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



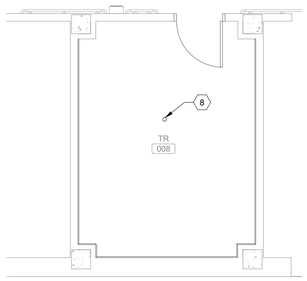
BASEMENT TELECOM ROOM 008 PLUMBING DEMOLITION PLAN

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



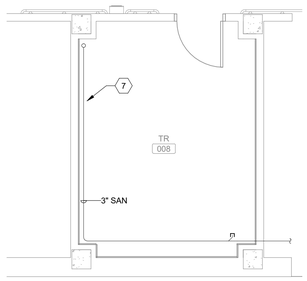
BASEMENT TELECOM ROOM 008 MECHANICAL DEMOLITION PLAN

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



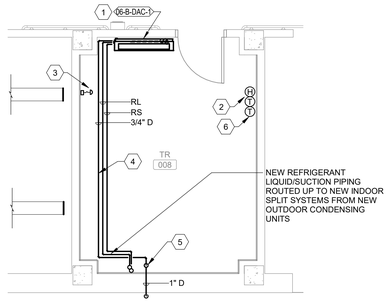
BASEMENT TELECOM ROOM 008 FIRE SUPPRESSION PLAN

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



BASEMENT TELECOM ROOM 008 PLUMBING PLAN

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



BASEMENT TELECOM ROOM 008 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

2 DEMOLISH EXISTING SANITARY PIPING AS INDICATED.

3 DEMOLISH EXISTING SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT AT LEAST 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTDOOR UNIT. REFER TO 006.MP404.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.

3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

4 ROUTE 3/4" CONDENSATE DRAIN FROM UNIT DOWN TO MAIN CONDENSATE FROM ABOVE.

5 1" CONDENSATE LINE FROM FLOOR ABOVE. ROUTE CONDENSATE THROUGH WALL AND TERMINATE ON GRADE.

6 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

7 PROVIDE DRAIN PAN UNDERNEATH EXISTING SANITARY PIPING.

8 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 00484418 — PROFESSIONAL ENGINEER — 3/24/2026

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, BASEMENT, 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: # 6

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 006.MP401

Dwg. 20 of 62

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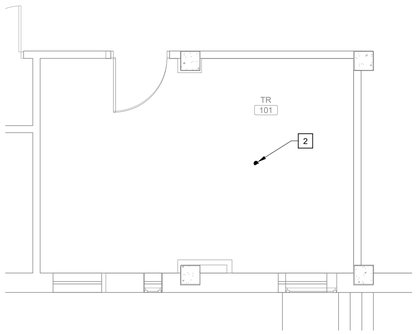
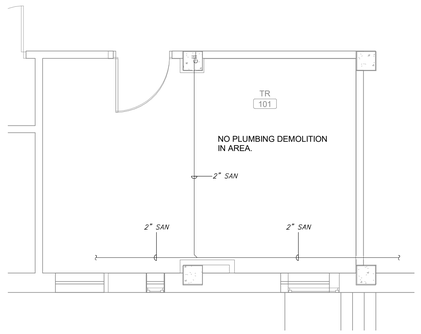


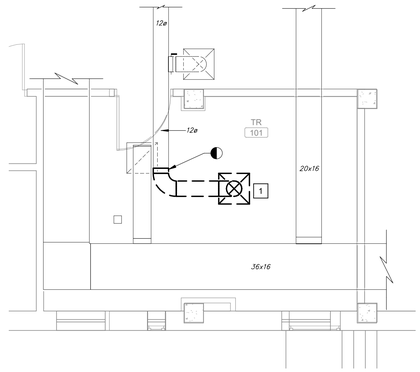
FIRST FLOOR TELECOM ROOM 101 FIRE SUPPRESSION DEMOLITION PLAN

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



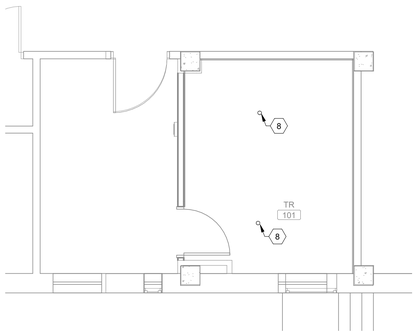
FIRST FLOOR TELECOM ROOM 101 PLUMBING DEMOLITION PLAN

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



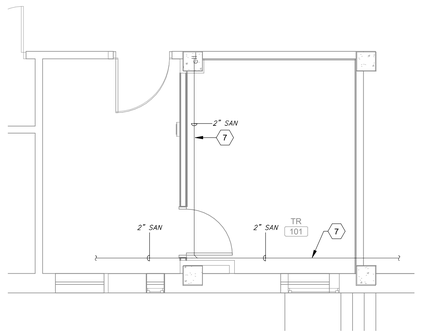
FIRST FLOOR TELECOM ROOM 101 MECHANICAL DEMOLITION PLAN

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



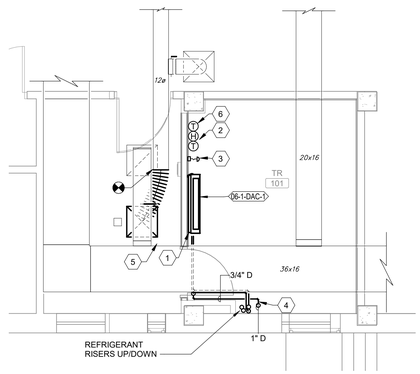
FIRST FLOOR TELECOM ROOM 101 FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 101 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 101 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT. CAREFULLY STORE DIFFUSER FOR REINSTALLATION.

2 DEMOLISH EXISTING SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT AT LEAST 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTDOOR UNIT. REFER TO 006.MP404.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.

3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

4 ROUTE 3/4" CONDENSATE DRAIN FROM UNIT DOWN TO FLOOR BELOW AS SHOWN.

5 REINSTALL AIR DIFFUSER.

6 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

7 PROVIDE DRAIN PAN UNDERNEATH EXISTING SANITARY PIPING.

8 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0040415 — PROFESSIONAL ENGINEER — 3/24/2026

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 6, FIRST FLOOR, TELECOM ROOM 101 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: # 6

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 006.MP402

Dwg. 21 of 62

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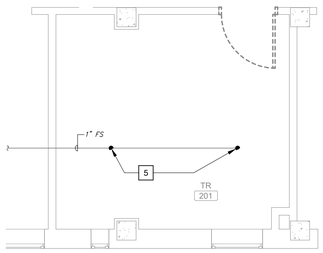
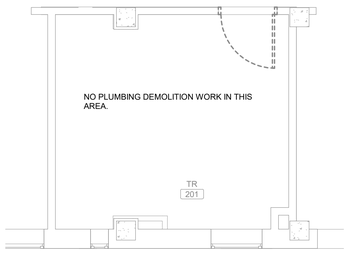


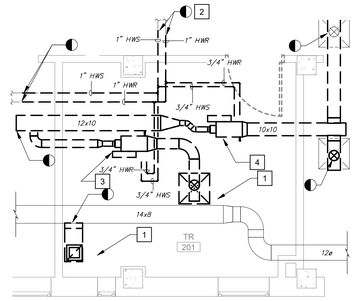
SECOND FLOOR TELECOM ROOM 201 FIRE SUPPRESSION DEMOLITION PLAN

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



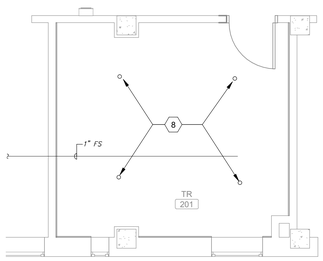
SECOND FLOOR TELECOM ROOM 201 PLUMBING DEMOLITION PLAN

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



SECOND FLOOR TELECOM ROOM 201 MECHANICAL DEMOLITION PLAN

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

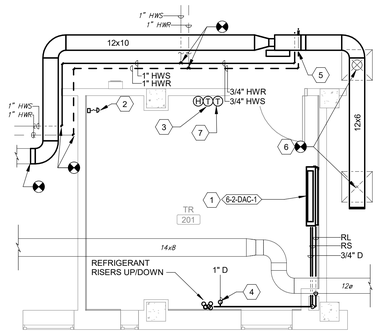


SECOND FLOOR TELECOM ROOM 201 FIRE SUPPRESSION PLAN

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

SECOND FLOOR TELECOM ROOM 201 PLUMBING PLAN

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



SECOND FLOOR TELECOM ROOM 201 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
2 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.
3 DEMOLISH EXISTING VAV BOX, VALVES, AND HANGERS.
4 CAREFULLY REMOVE EXISTING VAV BOX, VALVES, AND HANGERS. THIS UNIT IS TO BE REINSTALLED AS PART OF THE NEW WORK.
5 DEMOLISH EXISTING SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT AT LEAST 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTDOOR UNIT. REFER TO 006.MP404.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 ROUTE 3/4" CONDENSATE DRAIN FROM UNIT DOWN TO FLOOR BELOW AS SHOWN.
5 REINSTALL VAV BOX, VALVES AND HANGERS.
6 CONNECT EXISTING DIFFUSERS TO NEW DUCTWORK.
7 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
8 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEER — 3/24/2026

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 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: # 6

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 006.MP403

Dwg. 22 of 62

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VA FORM 08-6231

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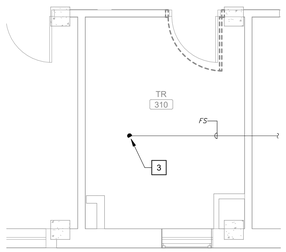
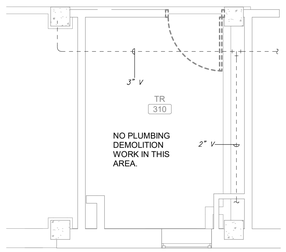


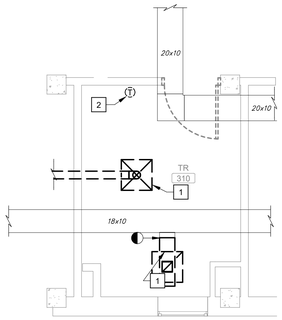
THIRD FLOOR TELECOM ROOM 310 FIRE SUPPRESSION DEMOLITION PLAN

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



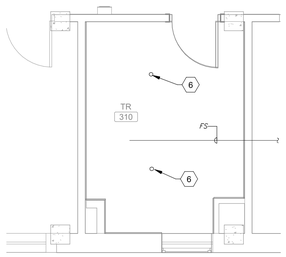
THIRD FLOOR TELECOM ROOM 310 PLUMBING DEMOLITION PLAN

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



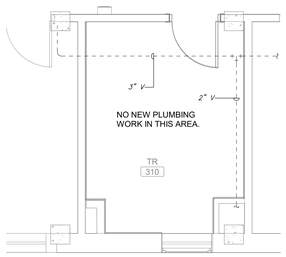
THIRD FLOOR TELECOM ROOM 310 MECHANICAL DEMOLITION PLAN

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



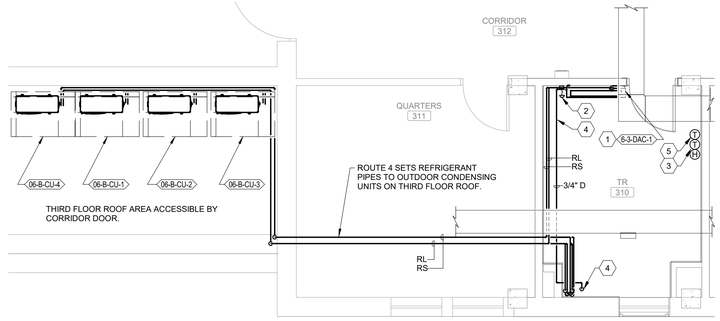
THIRD FLOOR TELECOM ROOM 310 FIRE SUPPRESSION PLAN

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



THIRD FLOOR TELECOM ROOM 310 PLUMBING PLAN

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



THIRD FLOOR TELECOM ROOM 310 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

2 DEMOLISH EXISTING THERMOSTAT AND ASSOCIATED WIRING.

3 DEMOLISH EXISTING SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT AT LEAST 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTDOOR UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.

3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

4 ROUTE 3/4" CONDENSATE DRAIN FROM UNIT DOWN TO FLOOR BELOW AS SHOWN.

5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEER — 3/24/2026

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 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: # 6

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 006.MP404

Dwg. 23 of 62

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VA FORM 08-6231

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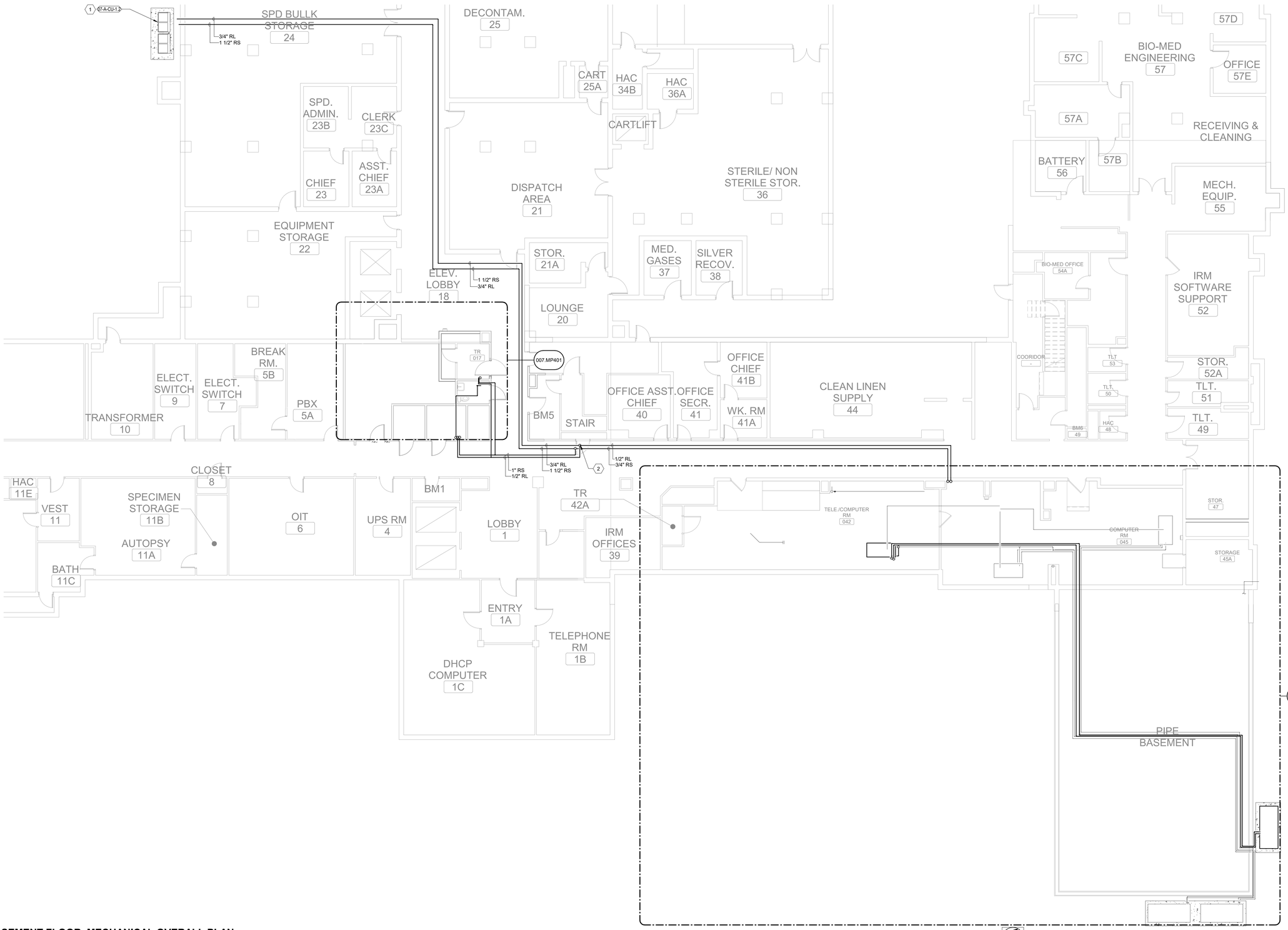


BASEMENT FLOOR, MECHANICAL OVERALL PLAN

Scale: 1/8" = 1'-0"

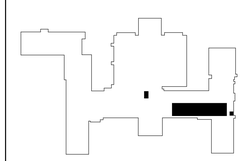
KEY NOTES:

1. PROVIDE VRV CONDENSING UNIT(S). PROVIDE CONCRETE PAD FOR CONDENSING UNITS. UNITS TO BE LOCATED IN EXISTING MECHANICAL YARD.
2. BRANCH LEG CONNECTION LOCATION IS DESIGNED TO MAKE THE DESIGN COMPLY WITH REFRIGERANT LINE DISTANCE REQUIREMENTS.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEERING — 3/24/2026

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: BASEMENT FLOOR OVERALL MECHANICAL 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: # 7

Approved:

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.M-101

Dwg. 24 of 62

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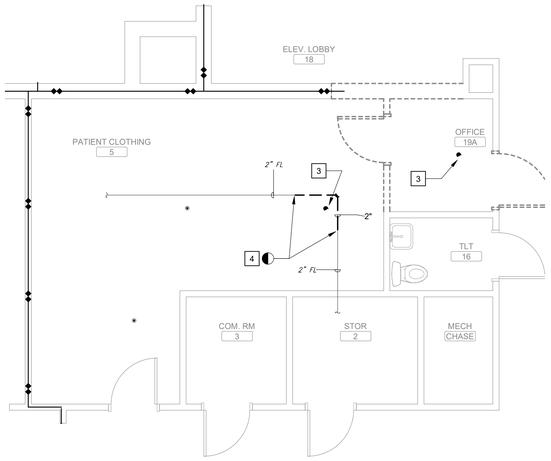
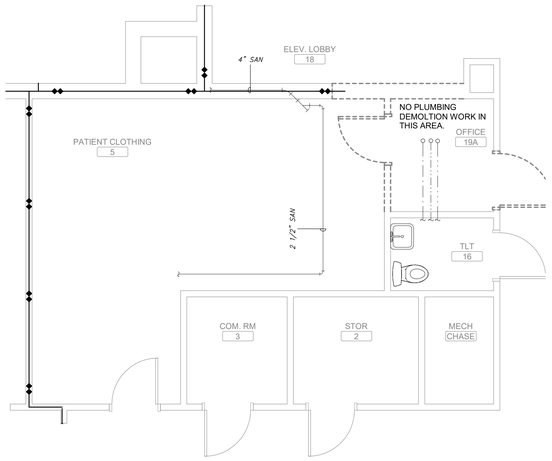


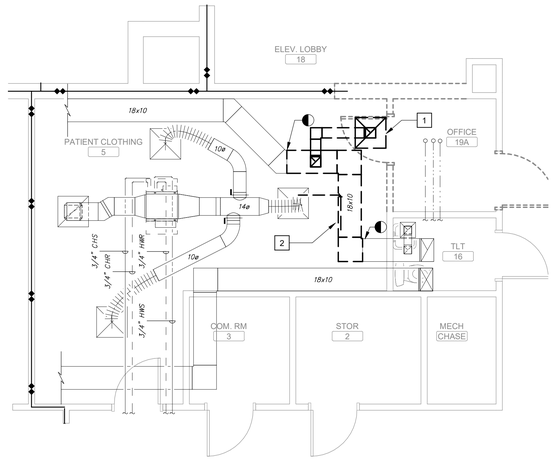
BASEMENT FLOOR, TELECOM ROOM 17 FIRE SUPPRESSION DEMOLITION PLAN

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



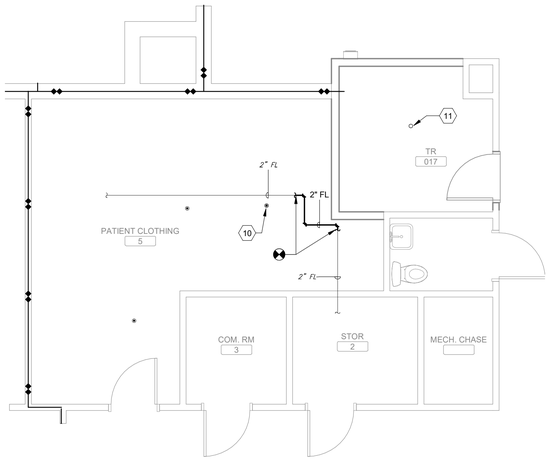
BASEMENT FLOOR, TELECOM ROOM 17 PLUMBING DEMOLITION PLAN

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



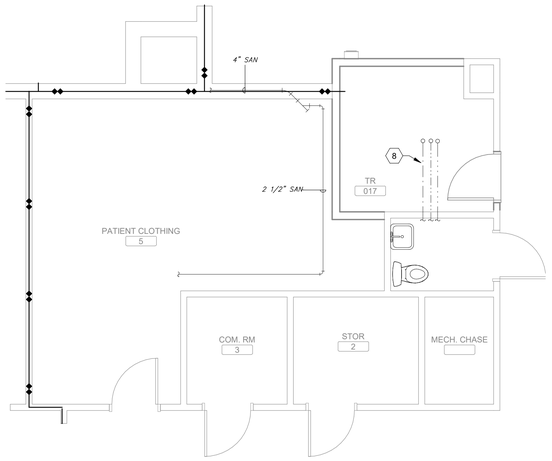
BASEMENT FLOOR, TELECOM ROOM 17 MECHANICAL DEMOLITION PLAN

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



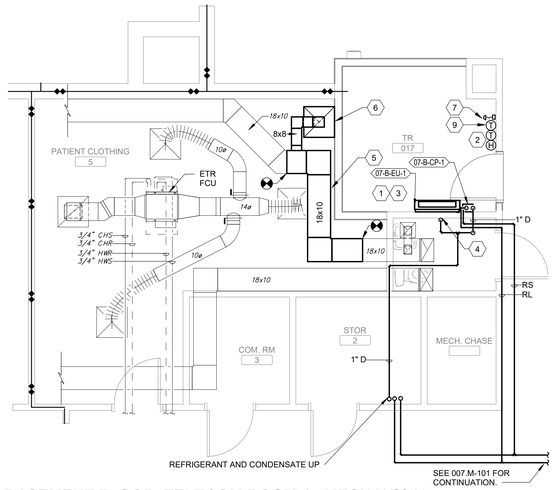
BASEMENT FLOOR, TELECOM ROOM 17 FIRE SUPPRESSION PLAN

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



BASEMENT FLOOR, TELECOM ROOM 17 PLUMBING PLAN

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



BASEMENT FLOOR, TELECOM ROOM 17 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. DEMOLITION WORK SHALL BE PERFORMED SUCH THAT ALL PIPES, HANGERS, SUPPORTS, AND VALVES IN SCOPE ARE REMOVED COMPLETELY TO MAINS. REMOVE ALL ITEMS TO ENSURE NOTHING IS ABANDONED IN PLACE.

E. NO DEAD LEGS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF UNUSED OR DEMOLISHED DOMESTIC WATER PIPING RUNOUTS SHALL BE CAPPED TO WITHIN TWO PIPE DIAMETERS FROM THE BRANCH, RISER OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 CAREFULLY REMOVE AND STORE EXHAUST GRILLE TO BE REINSTALLED AS PART OF NEW WORK.
2 DEMOLISH EXISTING DUCTWORK AS SHOWN TO MAKE ROOM FOR NEW IT ROOM.
3 DEMOLISH EXISTING SPRINKLER HEAD.
4 DEMOLISH SPRINKLER MAIN RUNNING OVER FUTURE TR AND PREPARE TO REROUTE.

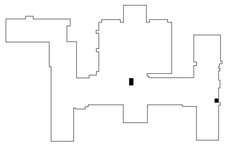
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 EXTEND DRAIN FROM INDOOR UNIT TO CONDENSATE PUMP BELOW INDOOR UNIT IN DRAIN PAN. EXTEND PUMP DISCHARGE OVERHEAD.
4 1 1/4" DRAIN DOWN ALONG WALL. TERMINATE DRAIN AT TAILPIECE OF LAVATORY. SEE DETAIL 9/MP503.
5 PROVIDE NEW LOW PRESSURE EXHAUST DUCTWORK TO AVOID NEW TR WALLS.
6 REINSTALL EXHAUST GRILLE. BALANCE TO PREVIOUS AIRFLOW PRIOR TO DEMOLITION.
7 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
8 PROVIDE DRAIN PAN UNDERNEATH EXISTING PIPING.
9 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
10 PROVIDE SEMI-RECESSED SPRINKLER HEAD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
11 PROVID UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 004844-18 — PROFESSIONAL ENGINEER — 3/24/2026

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 07, BASEMENT FLOOR, TELECOM ROOM 17 PLANS

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: SWR | Drawn: AV

VA PROJECT NUMBER: 502-21-222

Building Number: # 7

Drawing Number: 007.MP401

Dwg. 25 of 62

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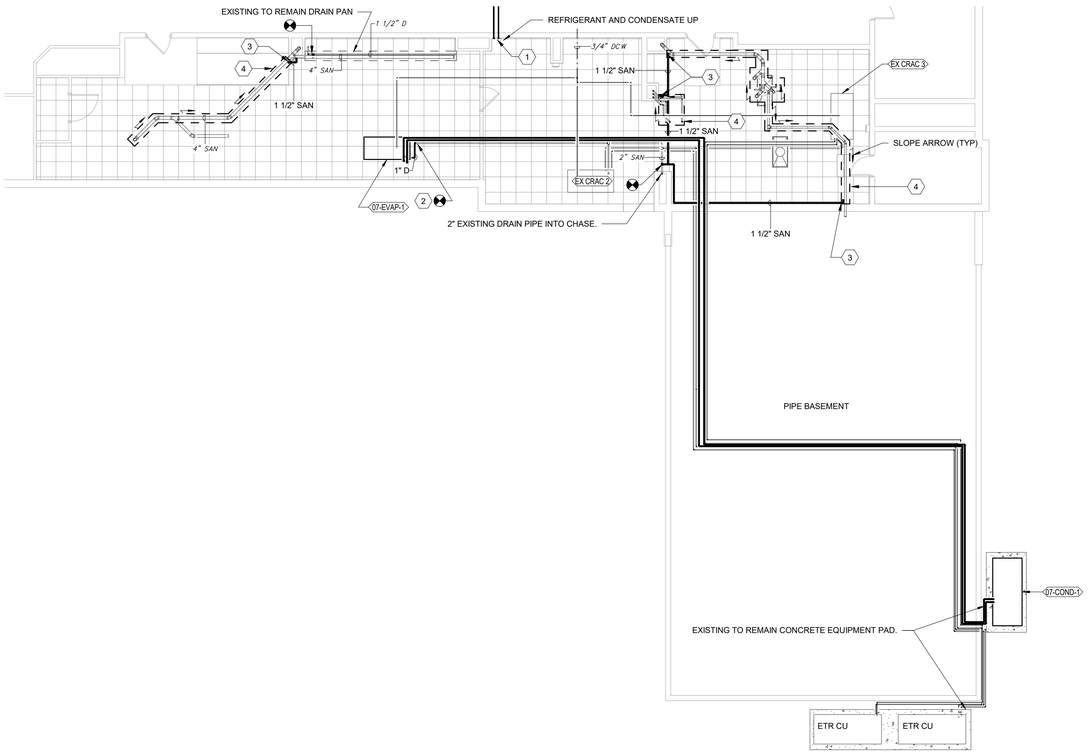
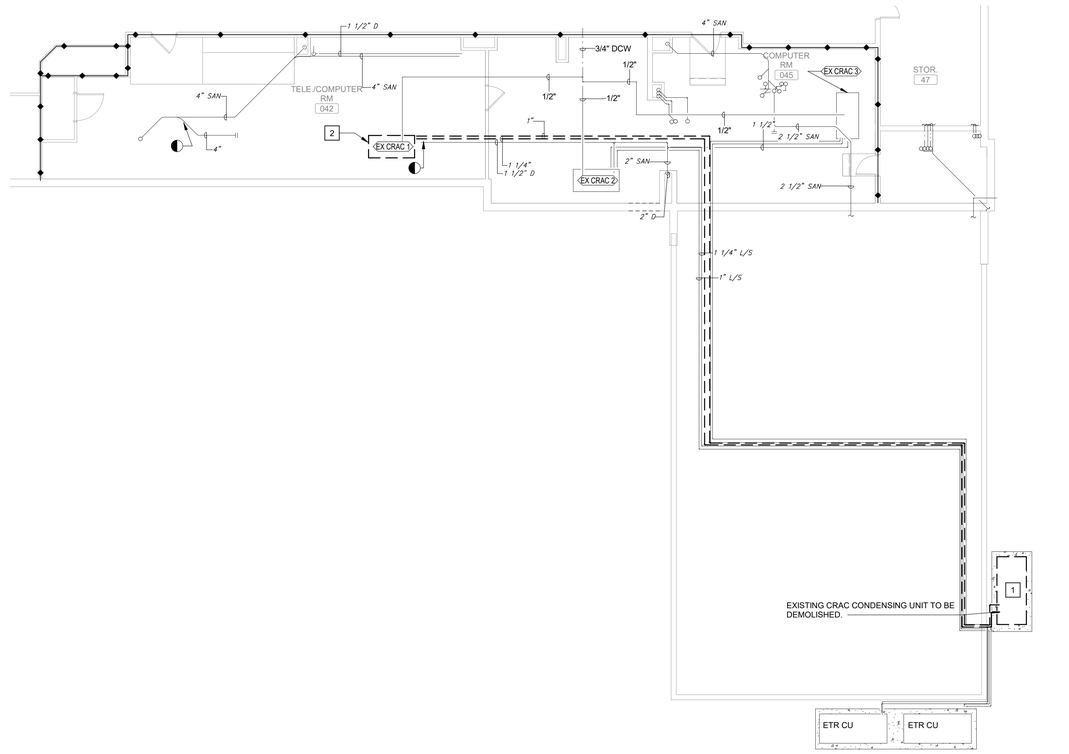


BASEMENT FLOOR, TELE./COMPUTER RM 42, COMPUTER RM 45 MECHANICAL AND PLUMBING PLAN

Scale: 1/8" = 1'-0"



BASEMENT FLOOR, TELE./COMPUTER ROOM 42, COMPUTER ROOM 45 MECHANICAL AND PLUMBING DEMOLITION PLAN

Scale: 1/8" = 1'-0"

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. NO DEAD LEGS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF UNUSED OR DEMOLISHED DOMESTIC WATER PIPING RUNOUTS SHALL BE CAPPED TO WITHIN TWO PIPE DIAMETERS FROM THE BRANCH, RISER OR MAIN.

C. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

PHASING NOTES:

1. THE MCR MUST HAVE CONTINUOUS HVAC SERVICE.
2. PROVIDE 07-IROW-3 AND 07-IROW-4 WITH CORRESPONDING CONDENSING UNITS FIRST TO ENSURE CONTINUITY OF HVAC THROUGHOUT THE RENOVATION.
3. DEMOLISH EXISTING CRACS AND CONDENSING UNITS.
4. PROVIDE REMAINDER OF WORK.

KEY NOTES:

1 DEMOLISH CONDENSING UNIT.
2 DEMOLISH CRAC AND ASSOCIATED PIPING. PROVIDE COMPUTER ROOM FLOOR MATCHING EXISTING WHERE CRAC IS REMOVED.

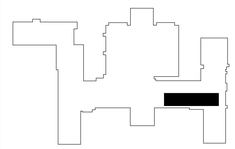
KEY NOTES:

1 ROUTE REFRIGERANT LINE FROM OUTDOOR UNIT AS SHOWN ON 007.M-101 TO LOCATION SHOWN AND UP TO IT ROOMS ABOVE.
2 CONNECT TO EXISTING CONDENSATE DRAIN RUNNING INTO CHASE.
3 DRAIN PAN DRAINS FROM HERE AND 1 1/2" DRAIN LINE GOES UNDERFLOOR TO MAIN DRAIN.
4 BOLD DASHED LINES INDICATE APPROXIMATE LOCATION OF DRAIN PANS UNDER EXISTING PLUMBING PIPING. DRAIN PANS TO SLOPE 1/8" PER FOOT IN THE DIRECTION INDICATED BY SLOPE ARROWS.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 004846 — PROFESSIONAL ENGINEER — 3/24/2026

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 07, BASEMENT FLOOR, TELE./COMPUTER RM 42, COMPUTER RM 45 MECHANICAL 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: # 7

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.MP402

Dwg. 26 of 62

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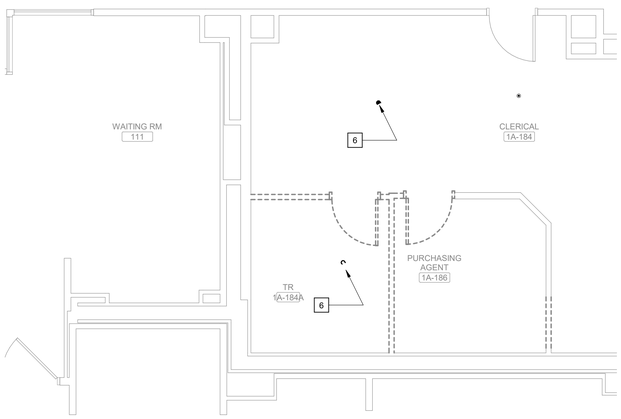
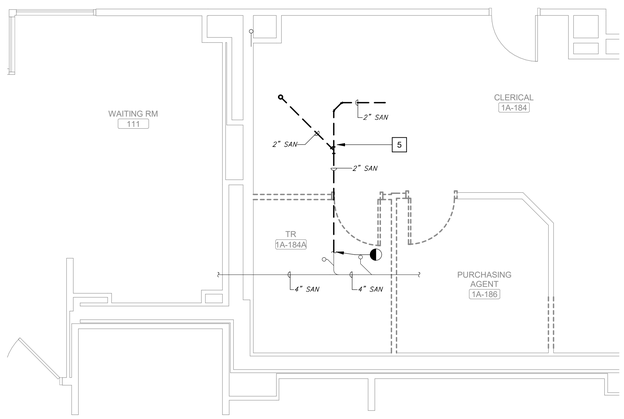


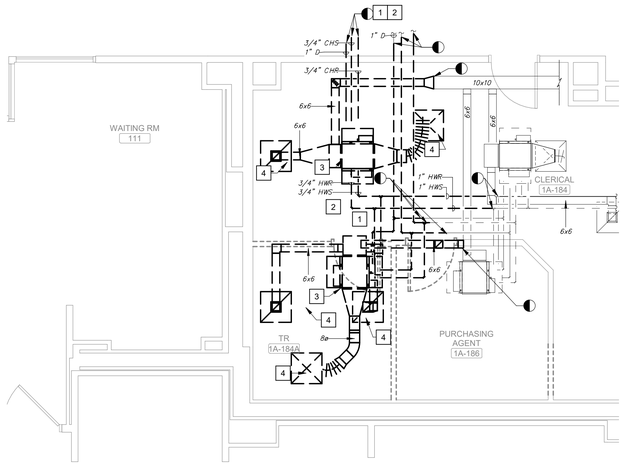
FIRST FLOOR, TELECOM ROOM 184A FIRE SUPPRESSION DEMOLITION PLAN

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



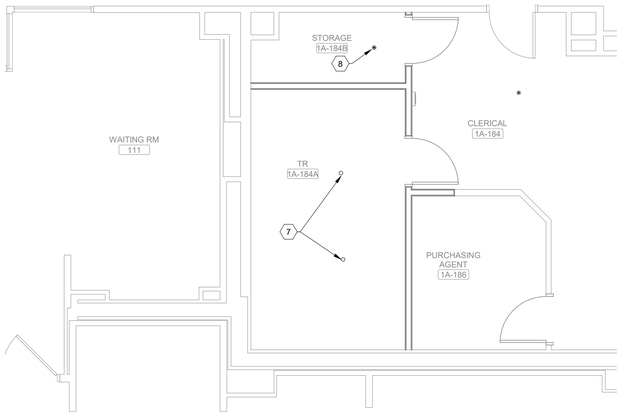
FIRST FLOOR, TELECOM ROOM 184A PLUMBING DEMOLITION PLAN

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



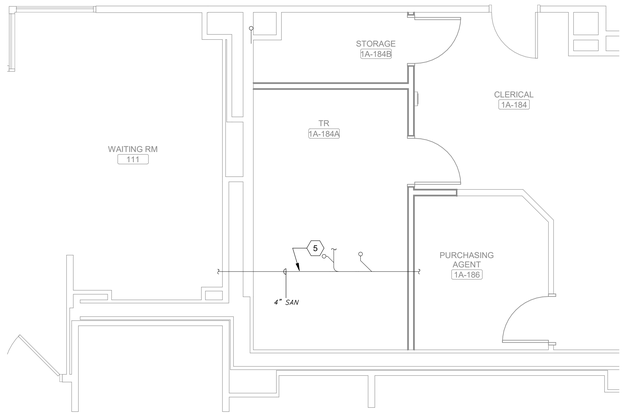
FIRST FLOOR, TELECOM ROOM 184A MECHANICAL DEMOLITION PLAN

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



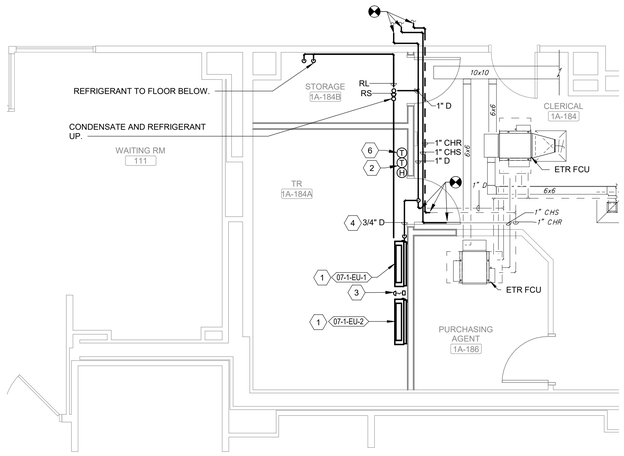
FIRST FLOOR, TELECOM ROOM 184A FIRE SUPPRESSION PLAN

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



FIRST FLOOR, TELECOM ROOM 184A PLUMBING PLAN

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



FIRST FLOOR, TELECOM ROOM 184A MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. DEMOLITION WORK SHALL BE PERFORMED SUCH THAT ALL PIPES, HANGERS, SUPPORTS, AND VALVES IN SCOPE ARE REMOVED COMPLETELY TO MAINS. REMOVE ALL ITEMS TO ENSURE NOTHING IS ABANDONED IN PLACE.

E. NO DEAD LEGS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF UNUSED OR DEMOLISHED DOMESTIC WATER PIPING RUNOUTS SHALL BE CAPPED TO WITHIN TWO PIPE DIAMETERS FROM THE BRANCH, RISER OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING TO LIMITS OF DEMOLITION AND CAP.
2 DEMOLISH EXISTING CONDENSATE DRAIN PIPING TO LIMITS OF DEMOLITION AND CAP.
3 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS.
4 DEMOLISH DIFFUSER / GRILLE.
5 DEMOLISH EXISTING SANITARY PIPING AS INDICATED.
6 DEMOLISH EXISTING SPRINKLER HEAD.

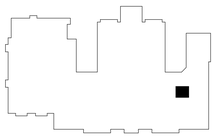
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 EXTEND DRAIN FROM INDOOR UNIT TO NEARBY CONDENSATE DRAIN STACK.
5 PROVIDE DRAIN PAN UNDERNEATH EXISTING SANITARY PIPING.
6 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
7 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
8 PROVIDE SEMI-RECESSED SPRINKLER HEAD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

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STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0040418 — PROFESSIONAL ENGINEER — 3/24/2026

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

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 07, FIRST FLOOR, TELECOM ROOM 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: # 7

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.MP403

Dwg. 27 of 62

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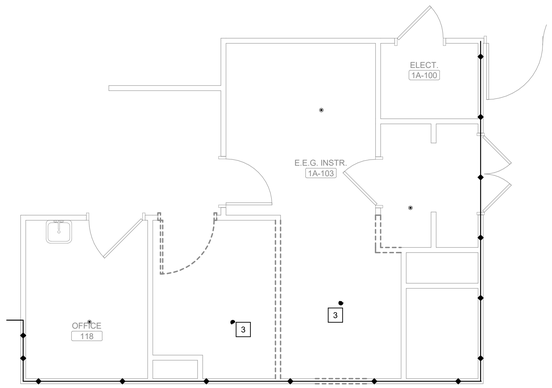
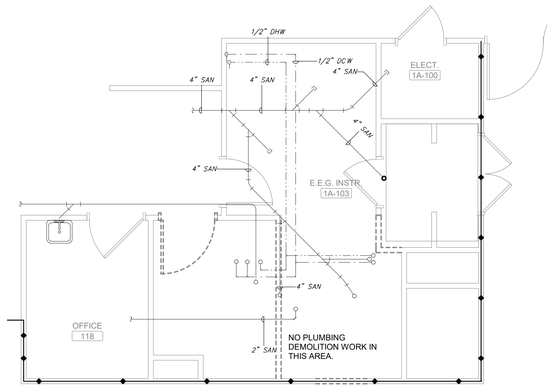


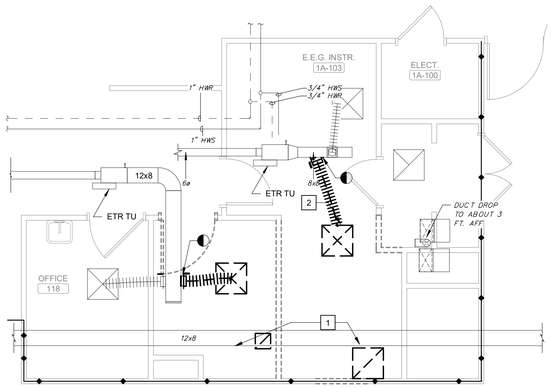
FIRST FLOOR, TELECOM ROOM 1A-117 FIRE SUPPRESSION DEMOLITION PLAN

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



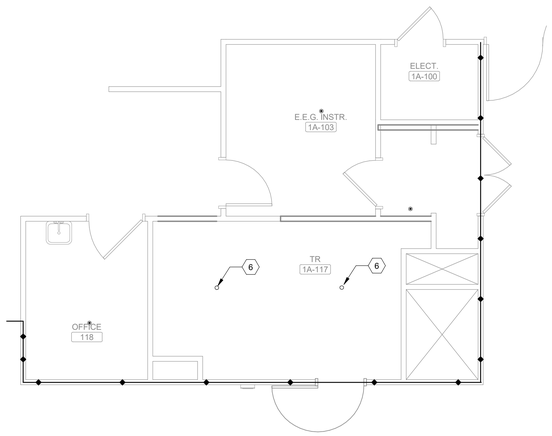
FIRST FLOOR, TELECOM ROOM 1A-117 PLUMBING DEMOLITION PLAN

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



FIRST FLOOR, TELECOM ROOM 1A-117 MECHANICAL DEMOLITION PLAN

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



FIRST FLOOR, TELECOM ROOM 1A-117 FIRE SUPPRESSION PLAN

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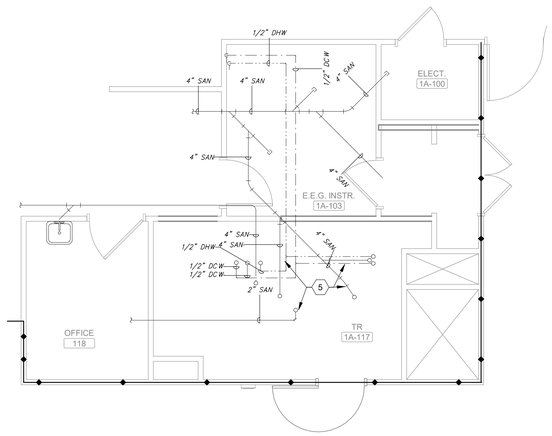
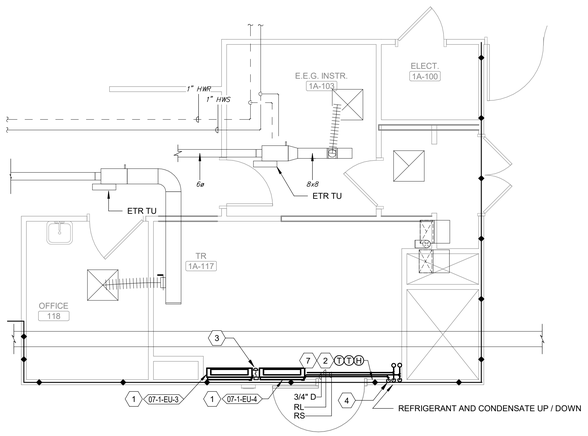


FIRST FLOOR, TELECOM ROOM 1A-117 PLUMBING PLAN

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



FIRST FLOOR, TELECOM ROOM 1A-117 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. DEMOLITION WORK SHALL BE PERFORMED SUCH THAT ALL PIPES, HANGERS, SUPPORTS, AND VALVES IN SCOPE ARE REMOVED COMPLETELY TO MAINS. REMOVE ALL ITEMS TO ENSURE NOTHING IS ABANDONED IN PLACE.

E. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

2 REMOVE SUPPLY DIFFUSER AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

3 DEMOLISH EXISTING SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.

3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

4 EXTEND DRAIN FROM INDOOR UNIT TO NEARBY CONDENSATE DRAIN STACK.

5 PROVIDE DRAIN PAN UNDERNEATH EXISTING SANITARY AND DOMESTIC HOT / COLD WATER PIPING.

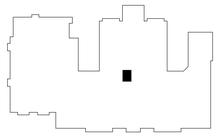
6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

7 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0043418 — PROFESSIONAL ENGINEER — 3/24/2026

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 07, FIRST FLOOR, TELECOM ROOM 1A-117 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # 7

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

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.MP404

Dwg. 28 of 62

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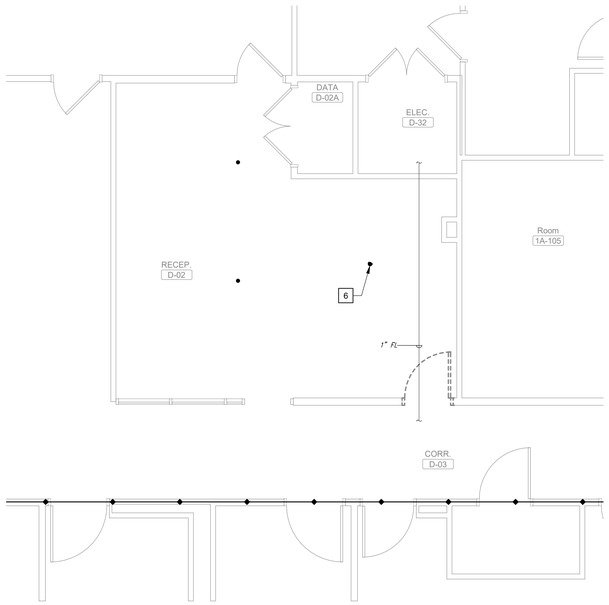
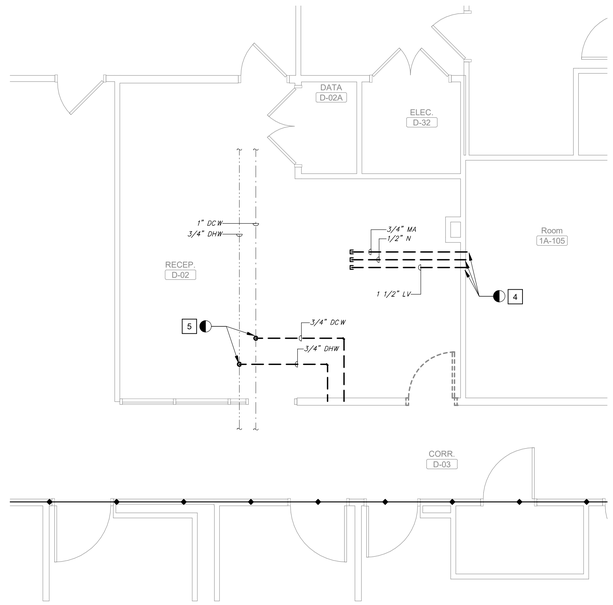


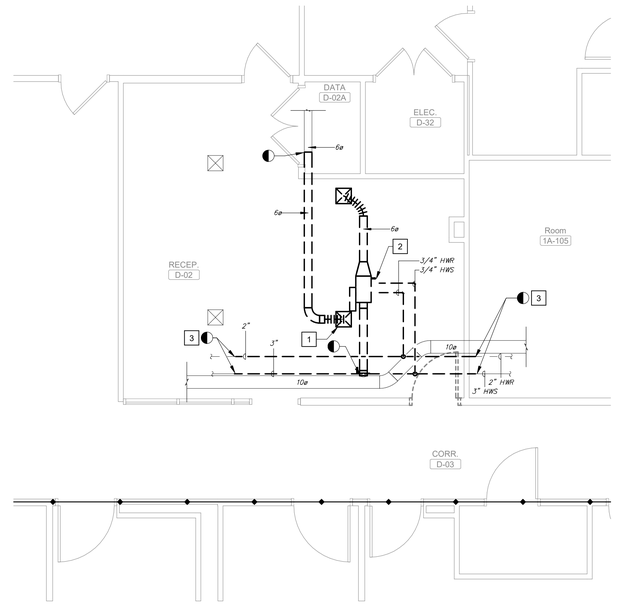
FIRST FLOOR, TELECOM ROOM D-33, FIRE SUPPRESSION DEMOLITION PLAN

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



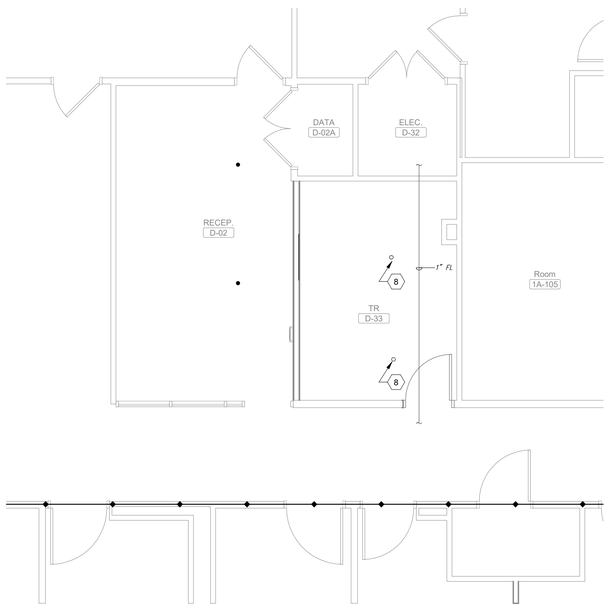
FIRST FLOOR, TELECOM ROOM D-33 PLUMBING DEMOLITION PLAN

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



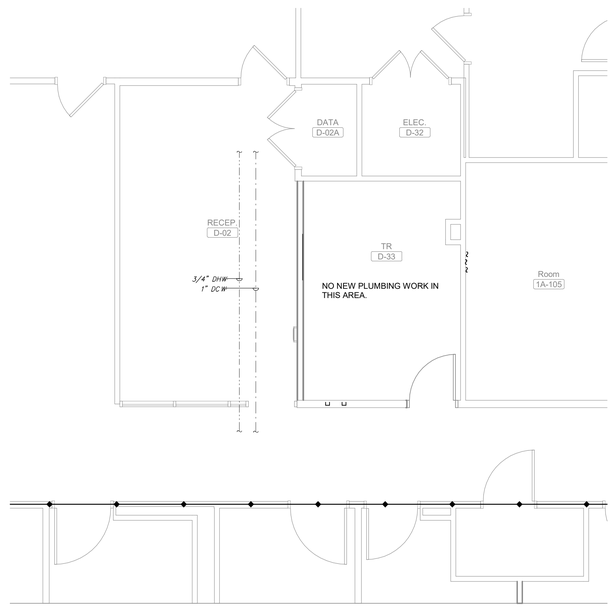
FIRST FLOOR, TELECOM ROOM D-33 MECHANICAL DEMOLITION PLAN

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



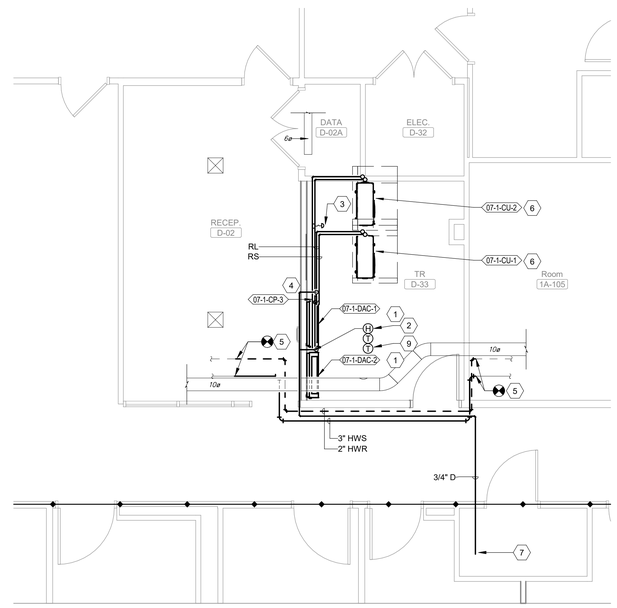
FIRST FLOOR, TELECOM ROOM D-33, FIRE SUPPRESSION PLAN

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



FIRST FLOOR, TELECOM ROOM D-33 PLUMBING PLAN

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



FIRST FLOOR, TELECOM ROOM D-33 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. DEMOLITION WORK SHALL BE PERFORMED SUCH THAT ALL PIPES, HANGERS, SUPPORTS, AND VALVES IN SCOPE ARE REMOVED COMPLETELY TO MAINS. REMOVE ALL ITEMS TO ENSURE NOTHING IS ABANDONED IN PLACE.

E. NO DEAD LEGS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF UNUSED OR DEMOLISHED DOMESTIC WATER PIPING RUNOUTS SHALL BE CAPPED TO WITHIN TWO PIPE DIAMETERS FROM THE BRANCH, RISER OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 CAREFULLY REMOVE AND STORE SUPPLY DIFFUSER TO BE REINSTALLED AS PART OF NEW WORK.
2 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS.
3 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND PREPARE FOR RECONNECTION. MINIMIZE DOWNTIME OF LOCAL HOT WATER HEATING.
4 DEMOLISH MED GAS TO MAINS AND CAP.
5 DEMOLISH EXISTING DOMESTIC WATER PIPING TO WALL.
6 DEMOLISH EXISTING SPRINKLER HEAD.

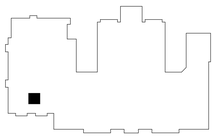
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 EXTEND DRAIN FROM INDOOR UNIT TO CONDENSATE PUMP BELOW INDOOR UNIT IN DRAIN PAN. EXTEND PUMP DISCHARGE AS INDICATED.
5 RECONNECT HOT WATER HEATING PIPING, HANGERS, AND INSULATION. MINIMIZE HOT WATER HEATING DOWNTIME.
6 PROVIDE CONDENSING UNIT FOR SPLIT SYSTEM. UNIT LOCATED ON ROOF ABOVE. ROUTE CONDENSATE TO NEAREST ROOF DRAIN.
7 ROUTE CONDENSATE PIPING TO MOP SINK. TERMINATE DRAIN ABOVE MOP SINK.
8 PROVID UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
9 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

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:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 00484816
PROFESSIONAL ENGINEER
3/24/2026

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

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 07, 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: # 7

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.MP405

Dwg. 29 of 62

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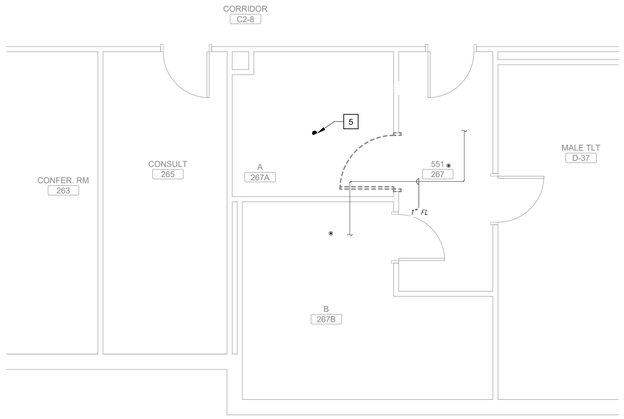
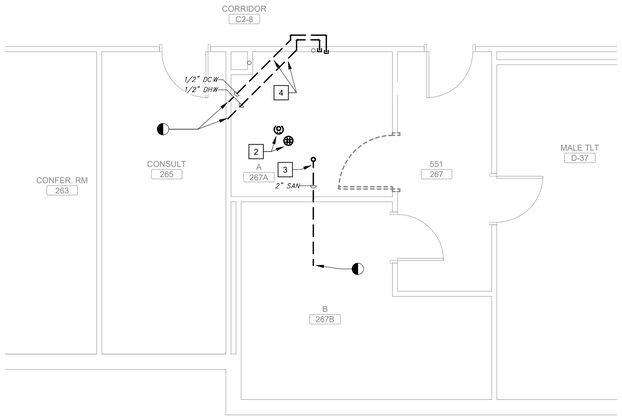


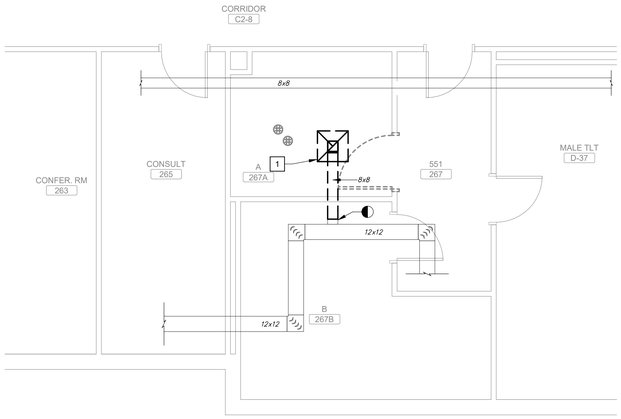
SECOND FLOOR, TELECOM ROOM 267A FIRE SUPPRESSION DEMOLITION PLAN

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



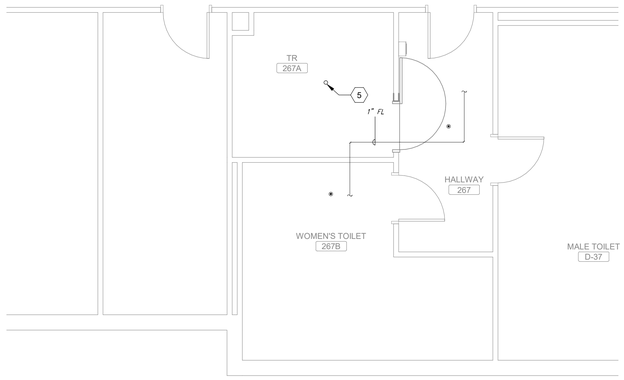
SECOND FLOOR, TELECOM ROOM 267A PLUMBING DEMOLITION PLAN

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



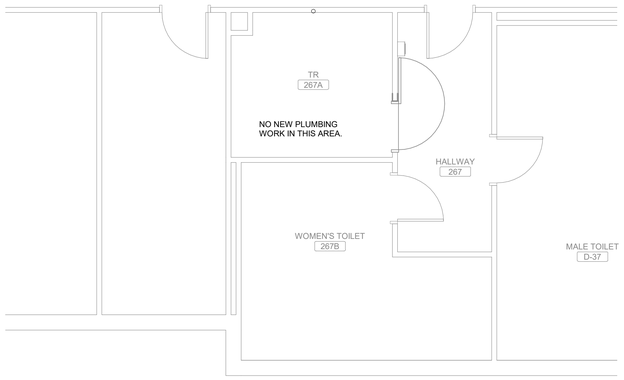
SECOND FLOOR, TELECOM ROOM 267A MECHANICAL DEMOLITION PLAN

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



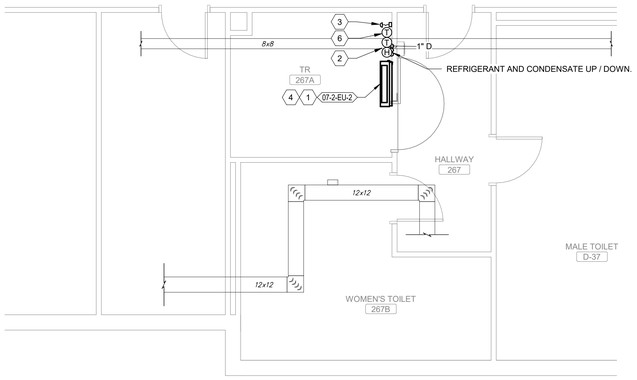
SECOND FLOOR, TELECOM ROOM 267A FIRE SUPPRESSION PLAN

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



SECOND FLOOR, TELECOM ROOM 267A PLUMBING PLAN

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



SECOND FLOOR, TELECOM ROOM 267A MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

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E. NO DEAD LEGS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF UNUSED OR DEMOLISHED DOMESTIC WATER PIPING RUNOUTS SHALL BE CAPPED TO WITHIN TWO PIPE DIAMETERS FROM THE BRANCH, RISER OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
2 DEMOLISH FLOOR DRAINS.
3 DEMOLISH EXISTING SANITARY PIPING TO MAIN.
4 DEMOLISH EXISTING DOMESTIC WATER PIPING AS INDICATED.
5 DEMOLISH EXISTING SPRINKLER HEAD.

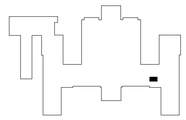
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 EXTEND DRAIN FROM INDOOR UNIT TO NEARBY CONDENSATE DRAIN STACK.
5 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
6 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 0049416
PROFESSIONAL ENGINEER
3/24/2026

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

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 07, 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: # 7

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.MP406

Dwg. 30 of 62

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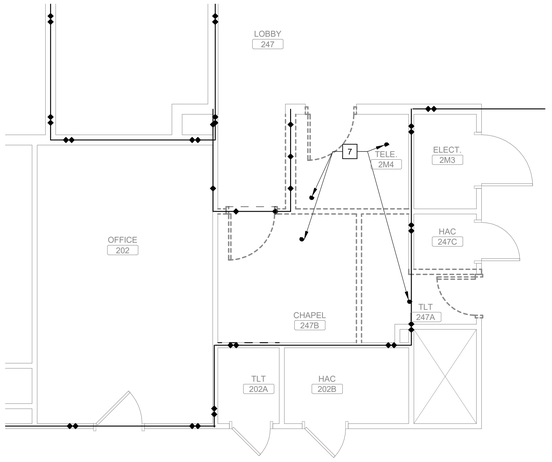
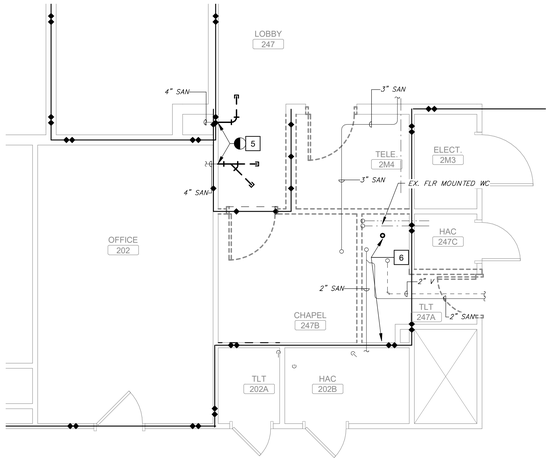


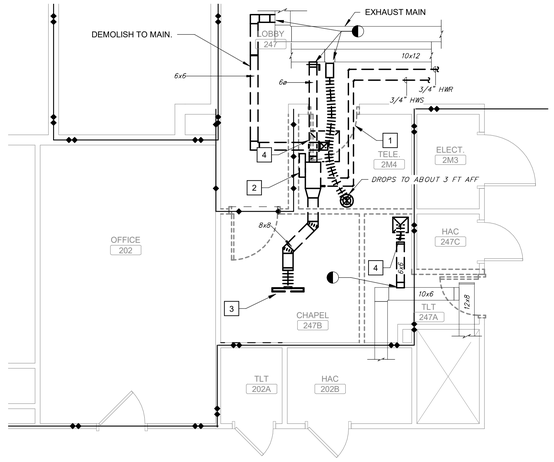
SECOND FLOOR, TELECOM ROOM 2M4 FIRE SUPPRESSION DEMOLITION PLAN

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



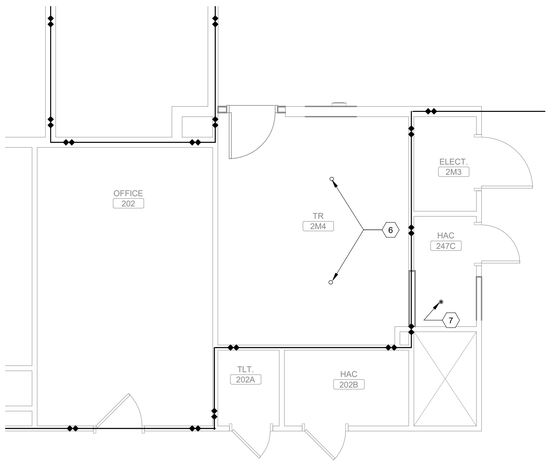
SECOND FLOOR, TELECOM ROOM 2M4 PLUMBING DEMOLITION PLAN

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



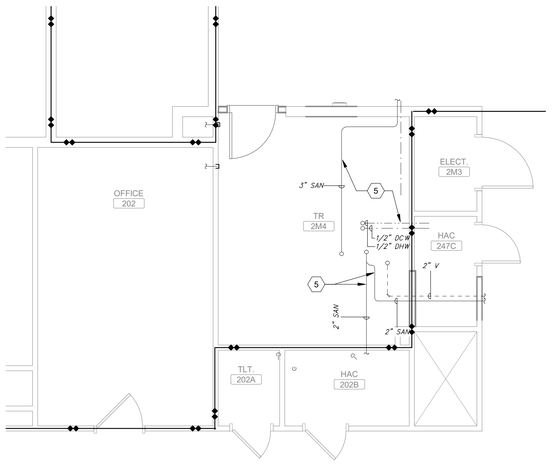
SECOND FLOOR, TELECOM ROOM 2M4 MECHANICAL DEMOLITION PLAN

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



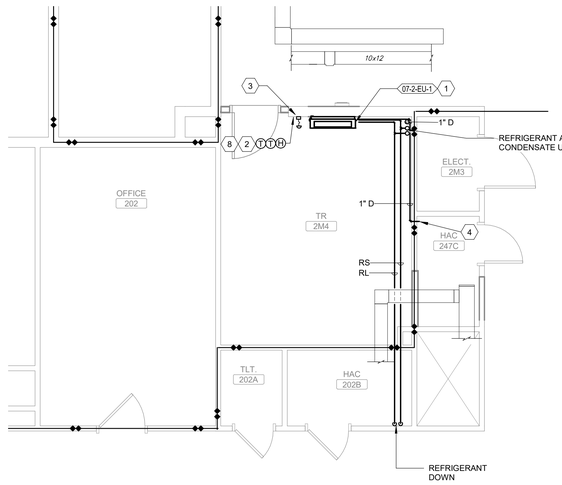
SECOND FLOOR, TELECOM ROOM 2M4 FIRE SUPPRESSION PLAN

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



SECOND FLOOR, TELECOM ROOM 2M4 PLUMBING PLAN

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



SECOND FLOOR, TELECOM ROOM 2M4 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

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G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING BACK TO MAIN AND CAP.
2 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS.
3 REMOVE SUPPLY DIFFUSER AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
4 REMOVE EXHAUST GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
5 DEMOLISH EXISTING SANITARY PIPING AS INDICATED.
6 DEMOLISH UTILITIES SERVING TOILET AND LAVATORY IN EXISTING TOILET.
7 DEMOLISH EXISTING SPRINKLER HEAD.

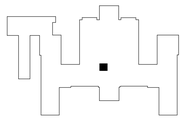
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 ROUTE CONDENSATE PIPING TO MOP SINK.
5 PROVIDE DRAIN PAN UNDERNEATH EXISTING SANITARY AND DOMESTIC HOT / COLD WATER PIPING.
6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
7 PROVIDE SEMI-RECESSED SPRINKLER HEAD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
8 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 00404118 — PROFESSIONAL ENGINEER
3/24/2026

PROJECT MANAGER

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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ACG Project Number 20-398

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 07, 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: # 7

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.MP407

Dwg. 31 of 62

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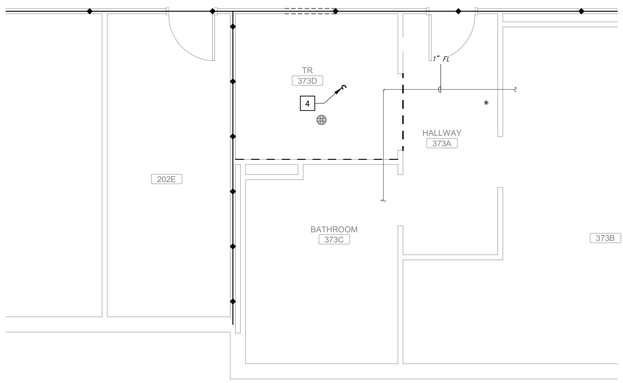
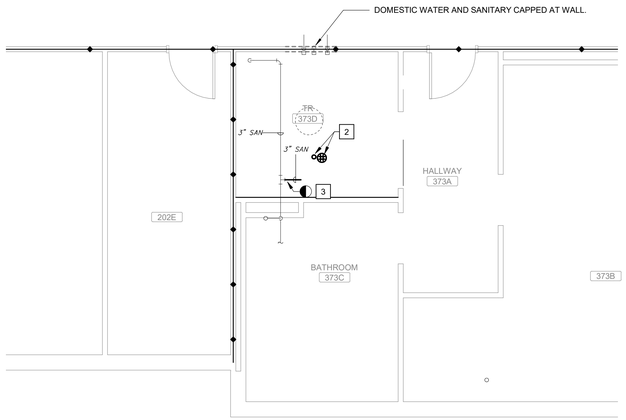


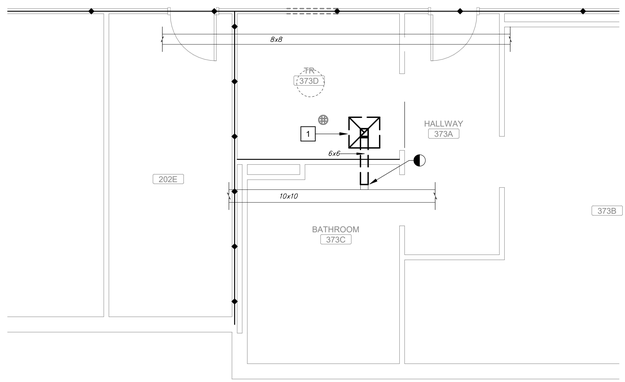
THIRD FLOOR, TELECOM ROOM 373D FIRE SUPPRESSION DEMOLITION PLAN

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



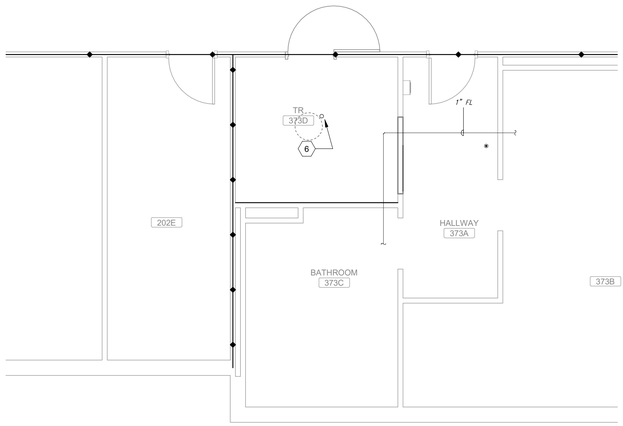
THIRD FLOOR, TELECOM ROOM 373D PLUMBING DEMOLITION PLAN

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



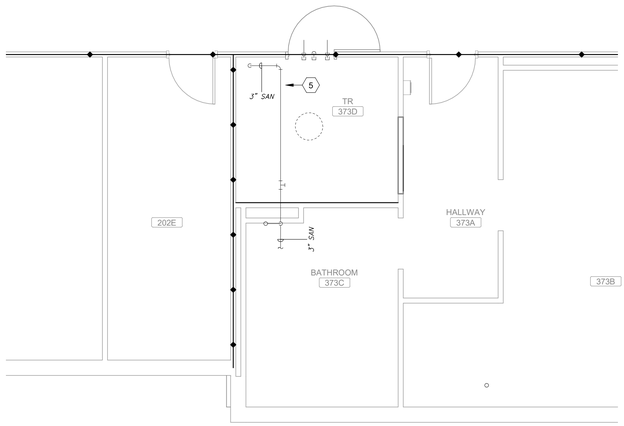
THIRD FLOOR, TELECOM ROOM 373D MECHANICAL DEMOLITION PLAN

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



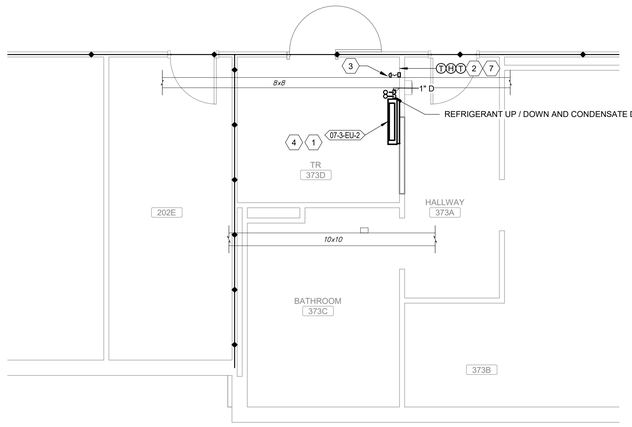
THIRD FLOOR, TELECOM ROOM 373D FIRE SUPPRESSION PLAN

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



THIRD FLOOR, TELECOM ROOM 373D PLUMBING PLAN

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



THIRD FLOOR, TELECOM ROOM 373D MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. DEMOLITION WORK SHALL BE PERFORMED SUCH THAT ALL PIPES, HANGERS, SUPPORTS, AND VALVES IN SCOPE ARE REMOVED COMPLETELY TO MAINS. REMOVE ALL ITEMS TO ENSURE NOTHING IS ABANDONED IN PLACE.

E. NO DEAD LEGS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF UNUSED OR DEMOLISHED DOMESTIC WATER PIPING RUNOUTS SHALL BE CAPPED TO WITHIN TWO PIPE DIAMETERS FROM THE BRANCH, RISER OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
2 DEMOLISH FLOOR DRAINS.
3 DEMOLISH EXISTING SANITARY PIPING AS INDICATED.
4 DEMOLISH EXISTING SPRINKLER HEAD.

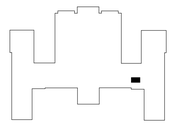
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 EXTEND DRAIN FROM INDOOR UNIT TO NEARBY CONDENSATE DRAIN STACK.
5 PROVIDE DRAIN PAN UNDERNEATH EXISTING SANITARY PIPING.
6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
7 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0040418 — PROFESSIONAL ENGINEER — 3/24/2026

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 07, THIRD FLOOR, TELECOM ROOM 373D 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: # 7

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.MP408

Dwg. 32 of 62

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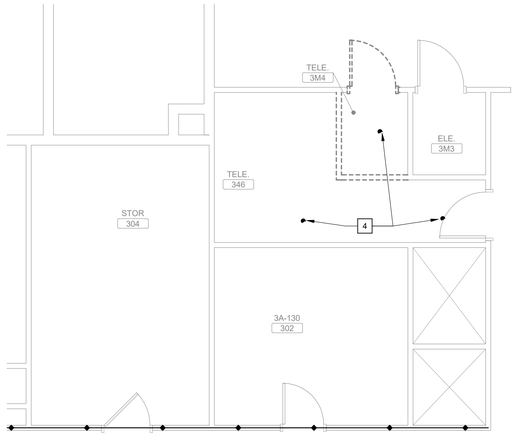
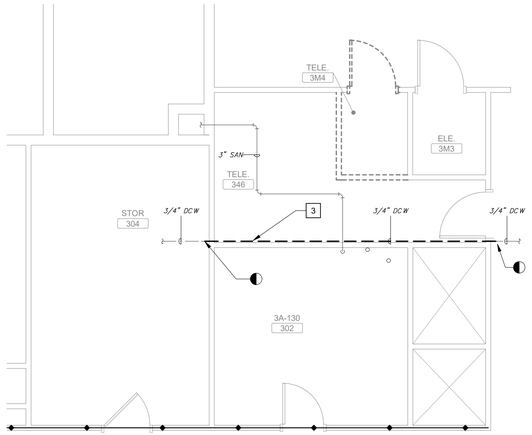


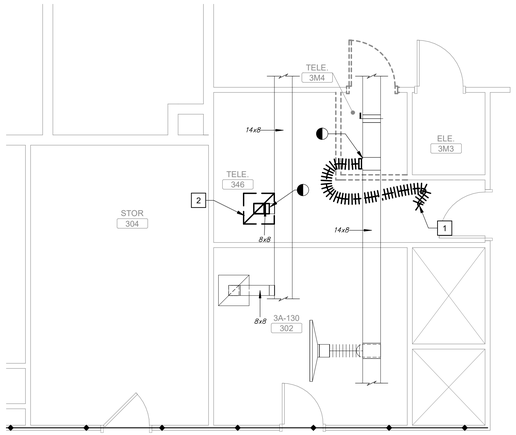
THIRD FLOOR, TELECOM ROOM 3M4 FIRE SUPPRESSION DEMOLITION PLAN

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



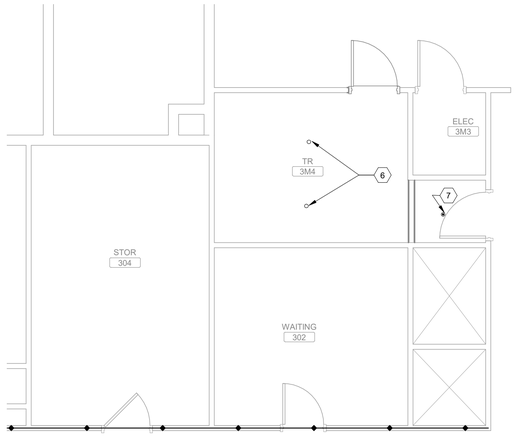
THIRD FLOOR, TELECOM ROOM 3M4 PLUMBING DEMOLITION PLAN

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



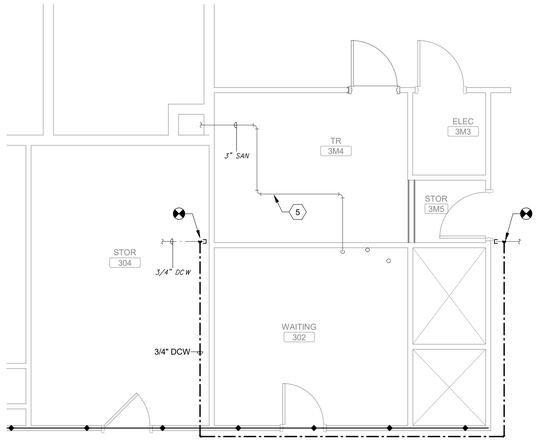
THIRD FLOOR, TELECOM ROOM 3M4 MECHANICAL DEMOLITION PLAN

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



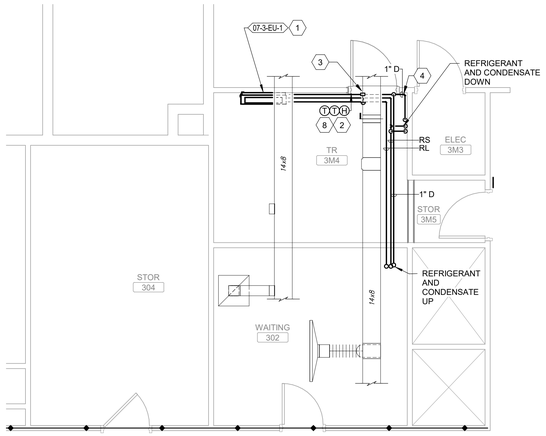
THIRD FLOOR, TELECOM ROOM 3M4 FIRE SUPPRESSION PLAN

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



THIRD FLOOR, TELECOM ROOM 3M4 PLUMBING PLAN

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



THIRD FLOOR, TELECOM ROOM 3M4 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

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E. NO DEAD LEGS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF UNUSED OR DEMOLISHED DOMESTIC WATER PIPING RUNOUTS SHALL BE CAPPED TO WITHIN TWO PIPE DIAMETERS FROM THE BRANCH, RISER OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH FLEX DUCT BACK TO MAIN AND CAP.
2 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
3 DEMOLISH EXISTING DOMESTIC WATER PIPING AS INDICATED.
4 DEMOLISH EXISTING SPRINKLER HEAD.

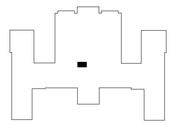
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 EXTEND DRAIN FROM INDOOR UNIT TO NEARBY CONDENSATE DRAIN STACK.
5 PROVIDE DRAIN PAN UNDERNEATH EXISTING SANITARY PIPING.
6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
7 PROVIDE SEMI-RECESSED SPRINKLER HEAD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
8 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEER
3/24/2026

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 07, 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: # 7

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.MP409

Dwg. 33 of 62

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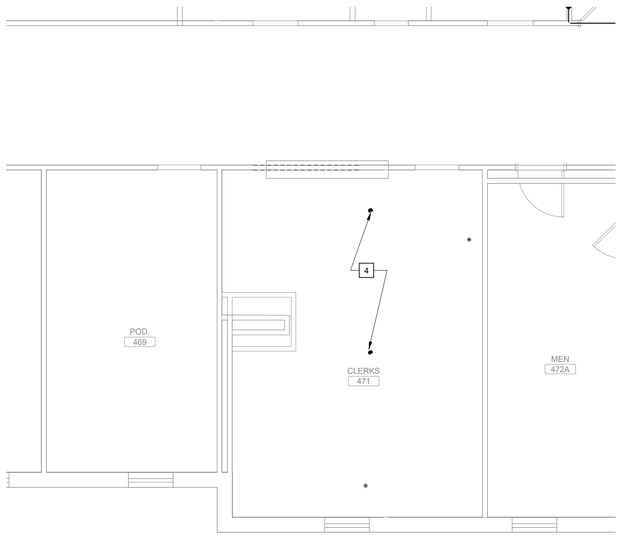
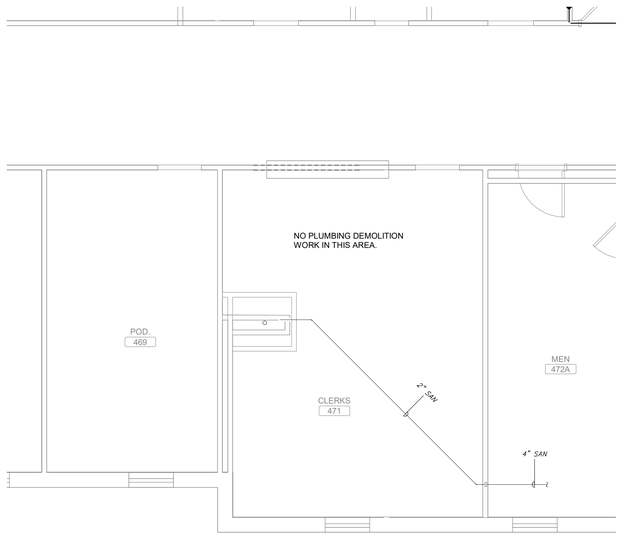


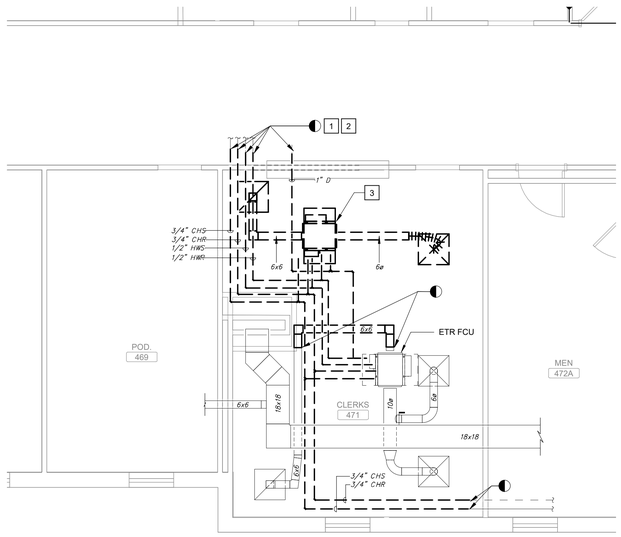
FOURTH FLOOR, TELECOM ROOM 471A MECHANICAL DEMOLITION PLAN

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



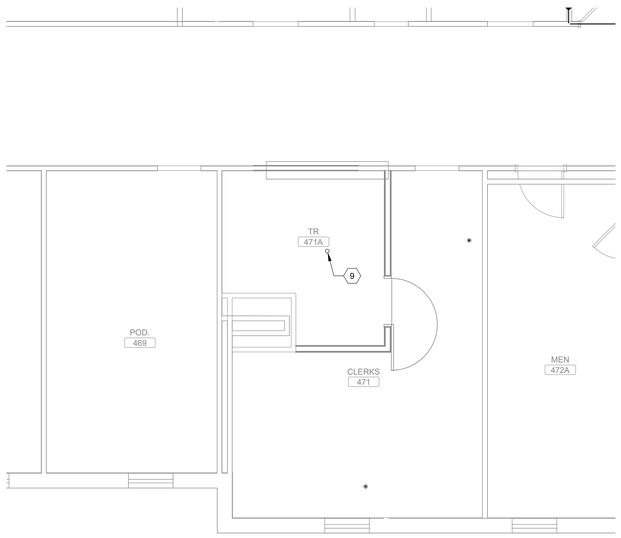
FOURTH FLOOR, TELECOM ROOM 471A PLUMBING DEMOLITION PLAN

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



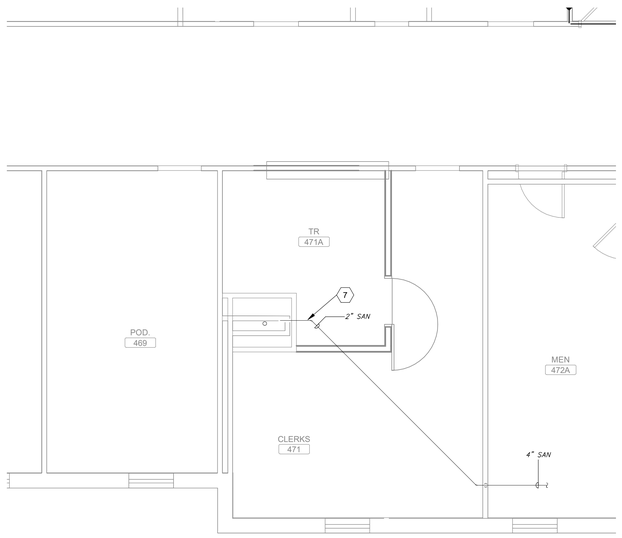
FOURTH FLOOR, TELECOM ROOM 471A MECHANICAL DEMOLITION PLAN

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



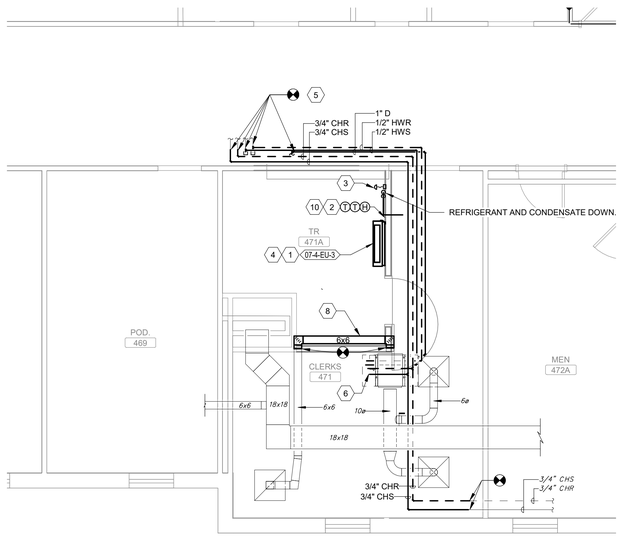
FOURTH FLOOR, TELECOM ROOM 471A FIRE SUPPRESSION PLAN

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



FOURTH FLOOR, TELECOM ROOM 471A PLUMBING PLAN

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



FOURTH FLOOR, TELECOM ROOM 471A MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

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E. NO DEAD LEGS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF UNUSED OR DEMOLISHED DOMESTIC WATER PIPING RUNOUTS SHALL BE CAPPED TO WITHIN TWO PIPE DIAMETERS FROM THE BRANCH, RISER OR MAIN.

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H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.
2 DEMOLISH EXISTING CONDENSATE DRAIN PIPING AS INDICATED AND CAP.
3 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS.
4 DEMOLISH EXISTING SPRINKLER HEAD.

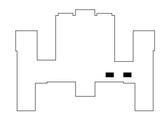
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 EXTEND DRAIN FROM INDOOR UNIT TO NEARBY CONDENSATE DRAIN STACK.
5 PROVIDE HYDRONIC AND CONDENSATE PIPING ROUTED TO AVOID IT ROOM.
6 CONNECT NEW HYDRONIC PIPING TO EXISTING FAN COIL UNIT.
7 PROVIDE DRAIN PAN UNDERNEATH EXISTING SANITARY PIPING.
8 PROVIDE NEW RETURN DUCTWORK TO SERVE EXISTING FAN COIL UNIT.
9 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
10 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0040416 — PROFESSIONAL ENGINEER — 3/24/2026

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

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 07, 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: # 7

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.MP410

Dwg. 34 of 62

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VA FORM 08-6231

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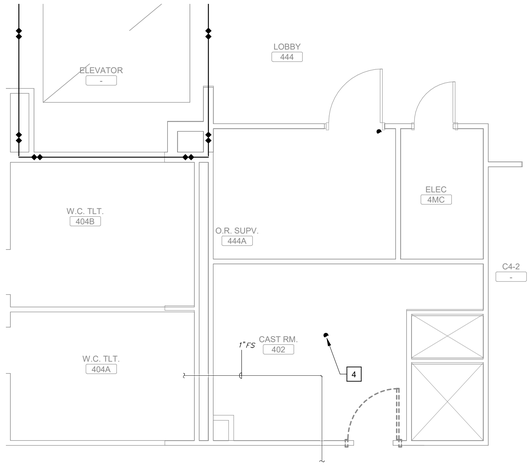
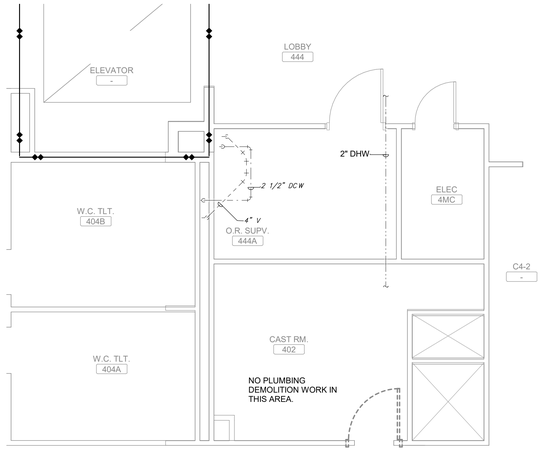


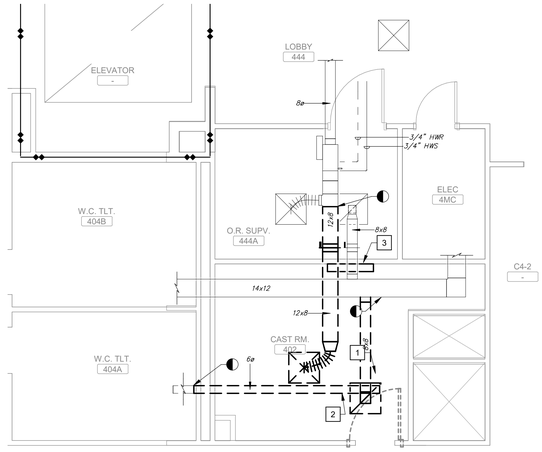
FOURTH FLOOR, TELECOM ROOM 402 MECHANICAL DEMOLITION PLAN

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



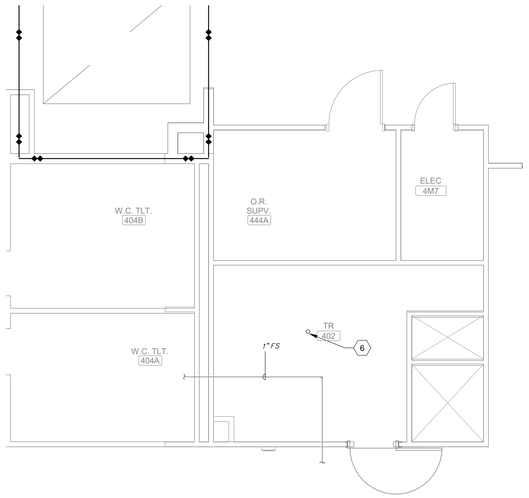
FOURTH FLOOR, TELECOM ROOM 402 PLUMBING DEMOLITION PLAN

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



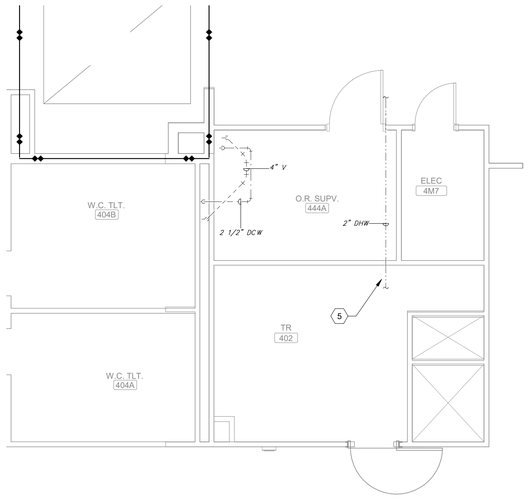
FOURTH FLOOR, TELECOM ROOM 402 MECHANICAL DEMOLITION PLAN

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



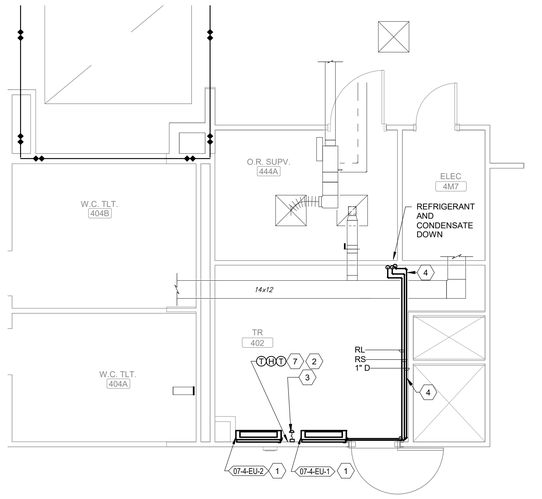
FOURTH FLOOR, TELECOM ROOM 402 FIRE SUPPRESSION PLAN

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



FOURTH FLOOR, TELECOM ROOM 402 PLUMBING PLAN

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



FOURTH FLOOR, TELECOM ROOM 402 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. DEMOLITION WORK SHALL BE PERFORMED SUCH THAT ALL PIPES, HANGERS, SUPPORTS, AND VALVES IN SCOPE ARE REMOVED COMPLETELY TO MAINS. REMOVE ALL ITEMS TO ENSURE NOTHING IS ABANDONED IN PLACE.

E. NO DEAD LEGS IN DOMESTIC WATER PIPING SHALL REMAIN. THE MAXIMUM LENGTH OF UNUSED OR DEMOLISHED DOMESTIC WATER PIPING RUNOUTS SHALL BE CAPPED TO WITHIN TWO PIPE DIAMETERS FROM THE BRANCH, RISER OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
2 REMOVE SUPPLY DIFFUSER AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
3 DEMOLISH EXISTING ELECTRIC BASEBOARD HEATER.
4 DEMOLISH EXISTING SPRINKLER HEAD.

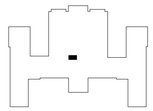
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
4 EXTEND DRAIN FROM INDOOR UNIT TO NEARBY CONDENSATE DRAIN STACK.
5 PROVIDE DRAIN PAN UNDERNEATH EXISTING PIPING.
6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
7 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0040413 — PROFESSIONAL ENGINEER — 3/24/2026

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 07, 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: # 7

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 007.MP411

Dwg. 35 of 62

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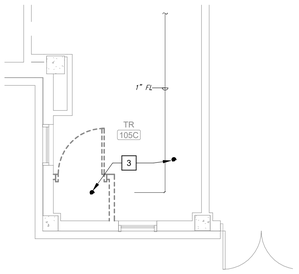
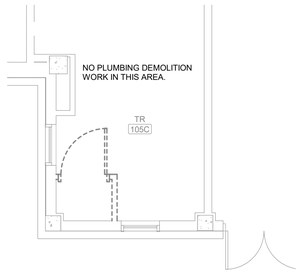


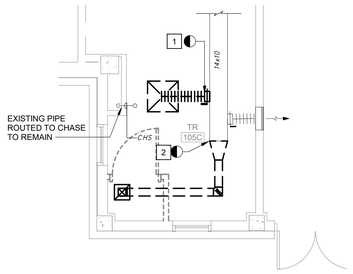
FIRST FLOOR TELECOM ROOM 105C FIRE SUPPRESSION DEMOLITION PLAN

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



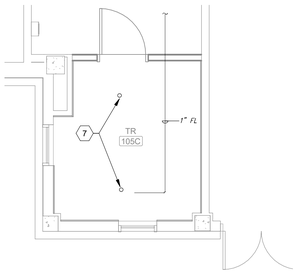
FIRST FLOOR TELECOM ROOM 105C PLUMBING DEMOLITION PLAN

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



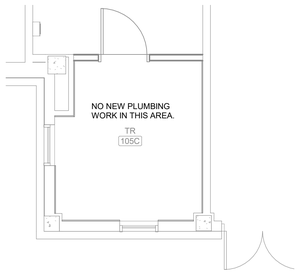
FIRST FLOOR TELECOM ROOM 105C MECHANICAL DEMOLITION PLAN

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



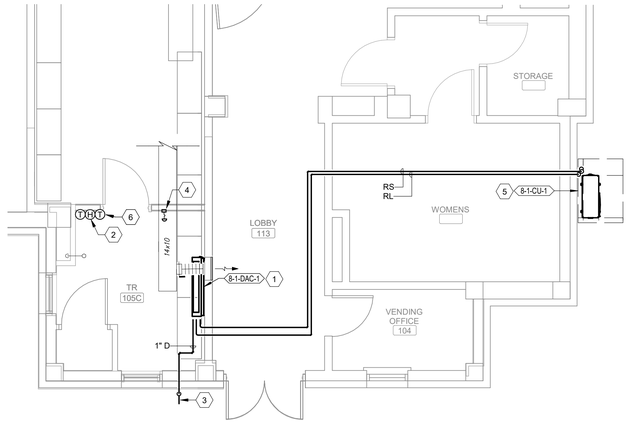
FIRST FLOOR TELECOM ROOM 105C FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 105C PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 105C MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE SUPPLY DIFFUSER AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

2 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

3 DEMOLISH EXISTING SPRINKLER HEADS.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 ROUTE CONDENSATE TO NEAREST EXTERIOR WALL. DUMP CONDENSATE ON GRADE.

4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

5 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. REFRIGERANT PIPING TO BE ROUTED TO NEW INDOOR UNIT.

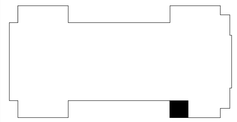
6 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

7 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA
SEAN W. REED
LICENSE No. 00484816
PROFESSIONAL ENGINEER
3/24/2026

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)

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

VA PROJECT NUMBER: 502-21-222

Building Number: # 8

Drawing Number: 008.MP401

Dwg. 36 of 62

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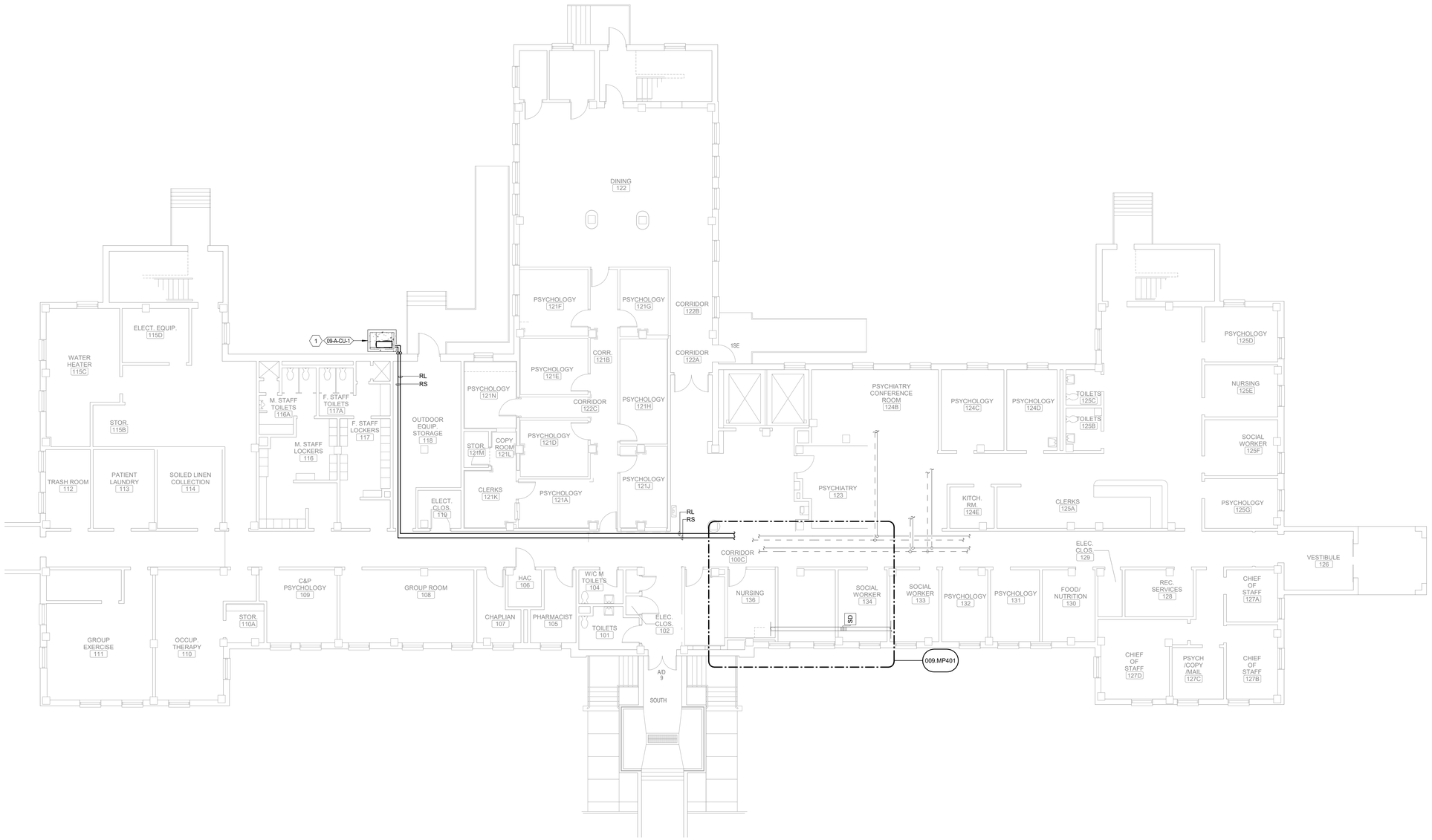


BUILDING 9, FIRST FLOOR, OVERALL MECHANICAL PLAN

Scale: 1/8" = 1'-0"

0 4 8 16

NORTH

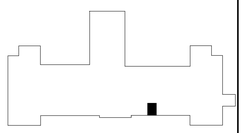
KEY NOTES:

1 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. REFRIGERANT PIPING TO BE ROUTED TO NEW INDOOR UNITS.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 00084618 — PROFESSIONAL ENGINEER

3/24/2026

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

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 9, FIRST FLOOR, OVERALL MECHANICAL 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: # 9

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 009.M-101

Dwg. 37 of 62

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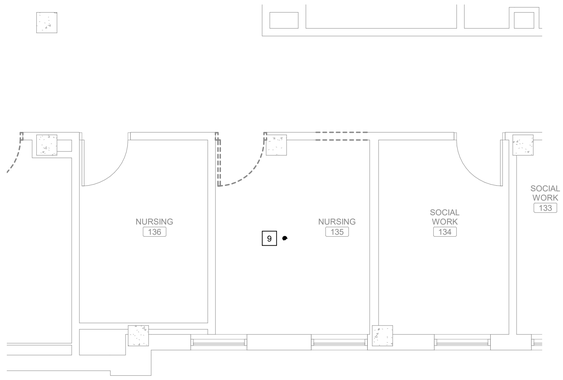
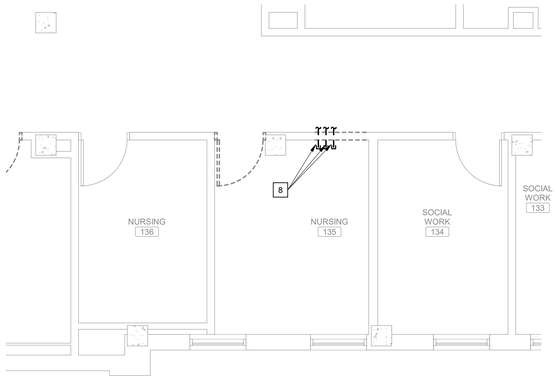


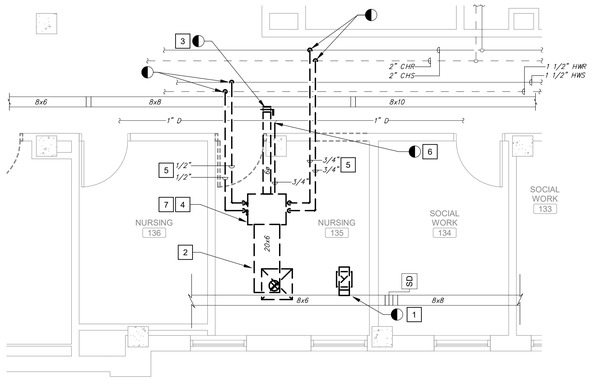
FIRST FLOOR TELECOM ROOM 135 FIRE SUPPRESSION DEMOLITION PLAN

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



FIRST FLOOR TELECOM ROOM 135 PLUMBING DEMOLITION PLAN

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



FIRST FLOOR TELECOM ROOM 135 MECHANICAL DEMOLITION PLAN

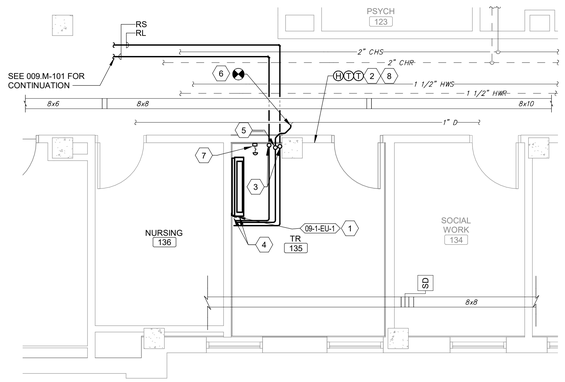
Scale: 1/4" = 1'-0"

FIRST FLOOR TELECOM ROOM 135 FIRE SUPPRESSION PLAN

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

FIRST FLOOR TELECOM ROOM 135 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 135 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO POINT INDICATED AND CAP DUCT.
2 REMOVE SUPPLY DIFFUSER AND ASSOCIATED DUCT BACK TO FCU.
3 DEMOLISH SUPPLY DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
4 DEMOLISH EXISTING FCU, VALVES, AND HANGERS.
5 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.
6 DEMOLISH EXISTING CONDENSATE DRAIN PIPING AS INDICATED AND CAP.
7 DEMOLISH EXISTING THERMOSTAT AND ASSOCIATED WIRING.
8 DEMOLISH MEDICAL GAS PIPING TO OUTSIDE OF TR AND CAP.
9 DEMOLISH EXISTING SPRINKLER HEAD.

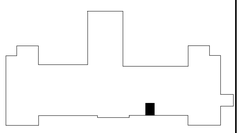
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 REFRIGERANT PIPING UP TO FLOOR ABOVE. OFFSET PIPING AS NEEDED ON SECOND FLOOR.
4 EXTEND DRAIN FROM INDOOR UNIT TO CONDENSATE PUMP BELOW INDOOR UNIT IN DRAIN PAN. EXTEND PUMP DISCHARGE OVERHEAD AND CONNECT TO DRAIN STACK.
5 1" DRAIN FROM FLR ABOVE. OFFSET AS NEEDED ON SECOND FLOOR.
6 CONNECT NEW CONDENSATE PIPING TO EXISTING IN CORRIDOR.
7 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
8 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
9 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

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:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 0049418
PROFESSIONAL ENGINEER
3/24/2026

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 9, FIRST FLOOR, TELECOM ROOM 135 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # 9

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

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 009.MP401

Dwg. 38 of 62

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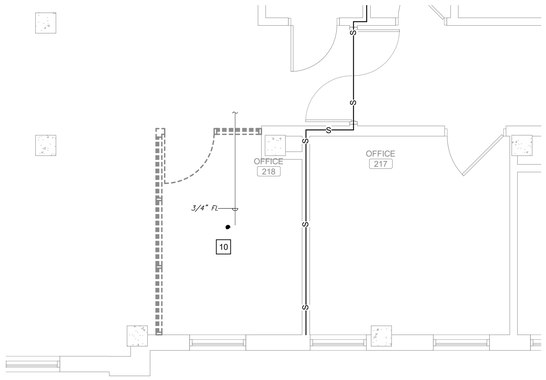
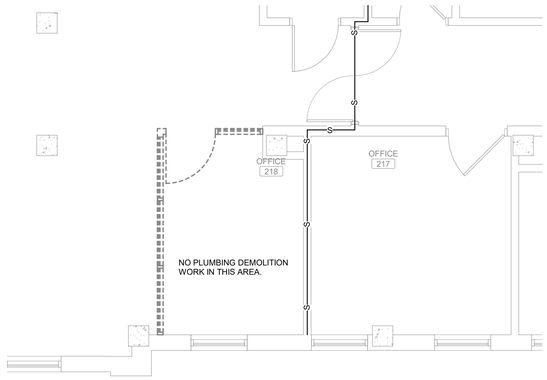


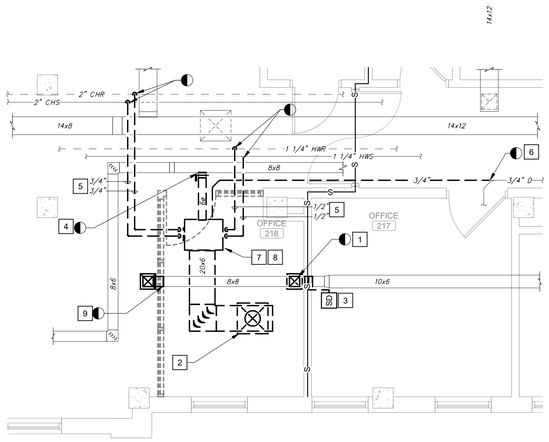
SECOND FLOOR TELECOM ROOM 218 FIRE SUPPRESSION DEMOLITION PLAN

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



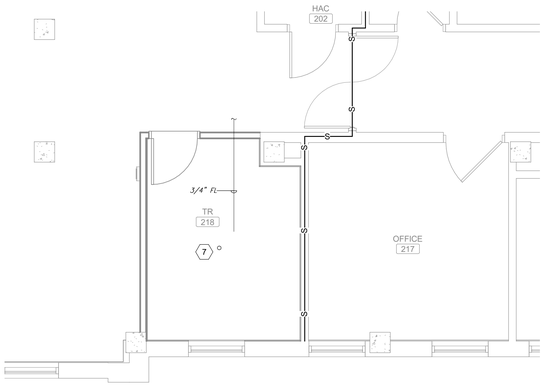
SECOND FLOOR TELECOM ROOM 218 PLUMBING DEMOLITION PLAN

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



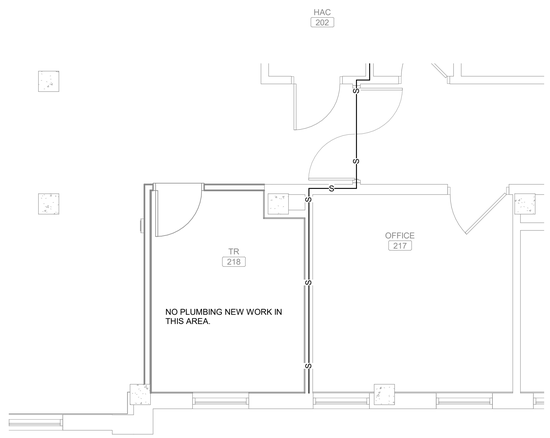
SECOND FLOOR TELECOM ROOM 218 MECHANICAL DEMOLITION PLAN

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



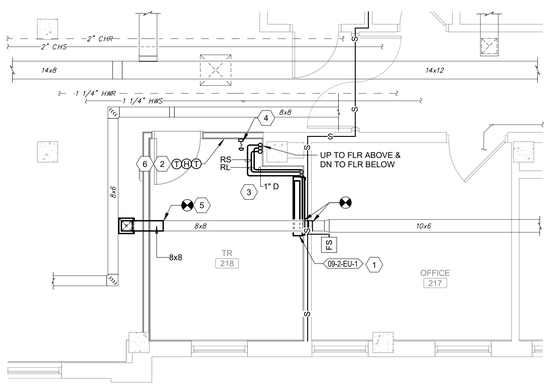
SECOND FLOOR TELECOM ROOM 218 FIRE SUPPRESSION PLAN

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



4 **SECOND FLOOR TELECOM ROOM 218 PLUMBING PLAN**

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



SECOND FLOOR TELECOM ROOM 218 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
2 REMOVE SUPPLY DIFFUSER AND ASSOCIATED DUCT BACK TO FCU.
3 DEMOLISH SMOKE DAMPER.
4 DEMOLISH SUPPLY DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
5 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.
6 DEMOLISH EXISTING CONDENSATE DRAIN PIPING AS INDICATED AND CAP.
7 DEMOLISH EXISTING FCU, VALVES, AND HANGERS.
8 DEMOLISH EXISTING THERMOSTAT.
9 REMOVE AND STORE EXISTING EXHAUST AIR DEVICE, AIR DEVICE TO BE REINSTALLED IN NEW WORK. DEMOLISH ASSOCIATED DUCTWORK BACK TO LIMITS OF DEMOLITition, PREPARE FOR FUTURE CONNECTION IN NEW WORK.
10 DEMOLISH EXISTING SPRINKLER HEAD.

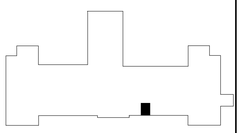
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 EXTEND DRAIN AND REFRIGERANT PIPING FROM INDOOR UNIT ALONG THE WALL TO REFRIGERANT / DRAIN STACK.
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
5 REINSTALL EXISTING EXHAUST AIR DEVICE, BALANCE TO EXISTING AIRFLOW. CENTER EXISTING AIR DEVICE IN CEILING GRID.
6 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
7 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

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:

STATE OF LOUISIANA — SEAN W. REID, LICENSE No. 0049418 — PROFESSIONAL ENGINEER — 3/24/2026

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, 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: # 9

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 009.MP402

Dwg. 39 of 62

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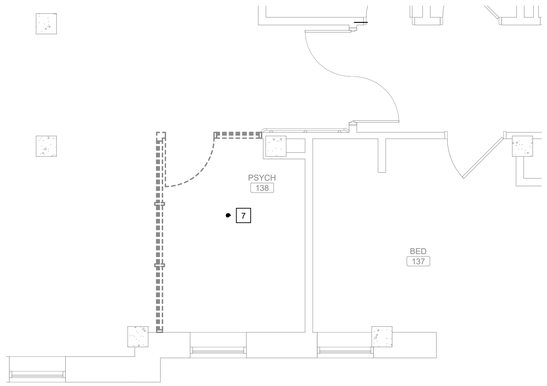
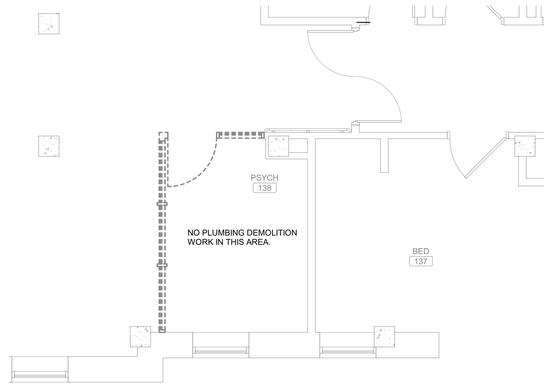


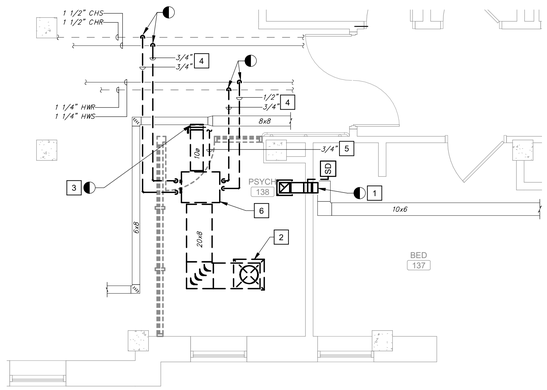
THIRD FLOOR TELECOM ROOM 315 FIRE SUPPRESSION DEMOLITION PLAN

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



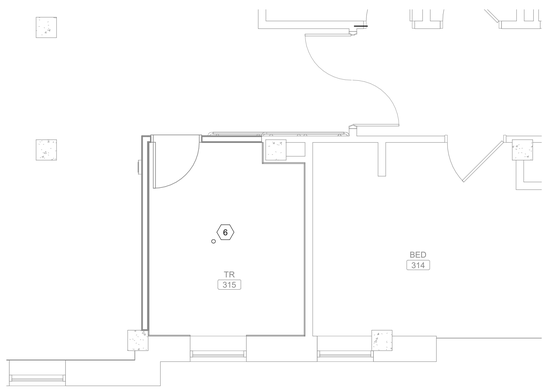
THIRD FLOOR TELECOM ROOM 315 PLUMBING DEMOLITION PLAN

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



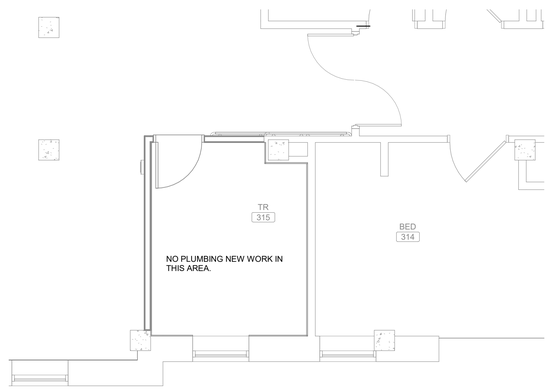
THIRD FLOOR TELECOM ROOM 315 MECHANICAL DEMOLITION PLAN

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



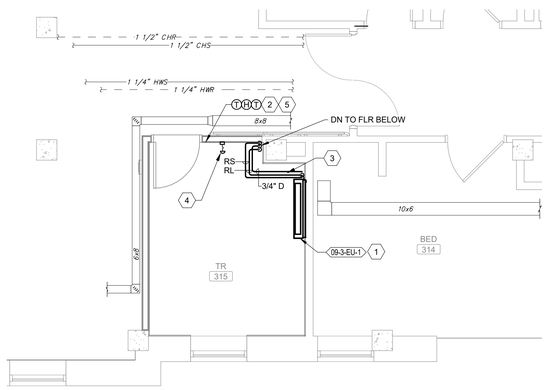
THIRD FLOOR TELECOM ROOM 315 FIRE SUPPRESSION PLAN

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



THIRD FLOOR TELECOM ROOM 315 PLUMBING PLAN

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



THIRD FLOOR TELECOM ROOM 315 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

2 REMOVE SUPPLY DIFFUSER AND ASSOCIATED DUCT BACK TO FCU.

3 DEMOLISH SUPPLY DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

4 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.

5 DEMOLISH EXISTING CONDENSATE DRAIN PIPING BACK TO MAIN AND CAP. VERIFY LOCATION OF EXISTING MAIN.

6 DEMOLISH EXISTING FCU, VALVES, AND HANGERS.

7 DEMOLISH EXISTING SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.

3 EXTEND DRAIN AND REFRIGERANT PIPING FROM INDOOR UNIT ALONG THE WALL TO FLOOR BELOW.

4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

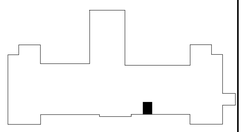
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEERING — 3/24/2026

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

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: # 9

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 009.MP403

Dwg. 40 of 62

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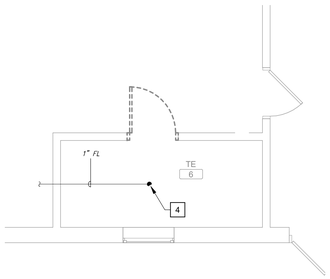
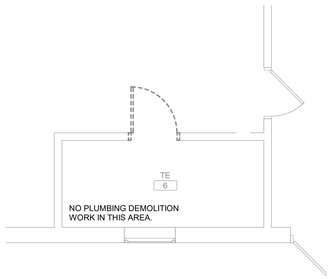


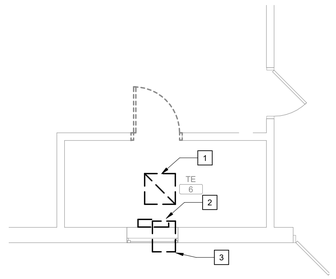
FIRST FLOOR TELECOM ROOM 6 FIRE SUPPRESSION DEMOLITION PLAN

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



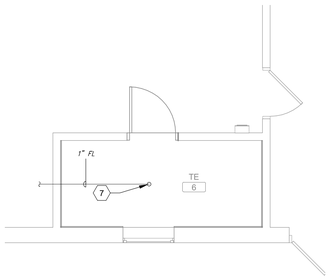
FIRST FLOOR TELECOM ROOM 6 PLUMBING DEMOLITION PLAN

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



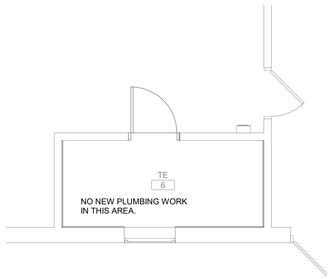
FIRST FLOOR TELECOM ROOM 6 MECHANICAL DEMOLITION PLAN

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



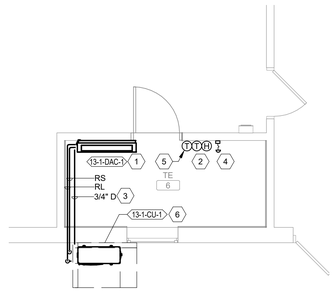
FIRST FLOOR TELECOM ROOM 6 FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 6 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 6 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.
2 DEMOLISH EXISTING STEAM RADIATOR. DEMOLISH STEAM SUPPLY AND CONDENSATE PIPING TO EXTENT OF NEW WORK AND CAP.
3 DEMOLISH WINDOW UNIT.
4 DEMOLISH EXISTING FIRE PROTECTION HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.
3 ROUTE CONDENSATE TO NEAREST EXTERIOR WALL. DUMP CONDENSATE ON GRADE.
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. REFRIGERANT PIPING TO BE ROUTED TO NEW INDOOR UNIT.
7 PROVIDE UPRIGHT SPRINKLER HEAD WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID, LICENSE No. 0049418 — PROFESSIONAL ENGINEER — 3/24/2026

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 13, FIRST FLOOR, TELECOM ROOM 6 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # 13

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

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 013.MP401

Dwg. 41 of 62

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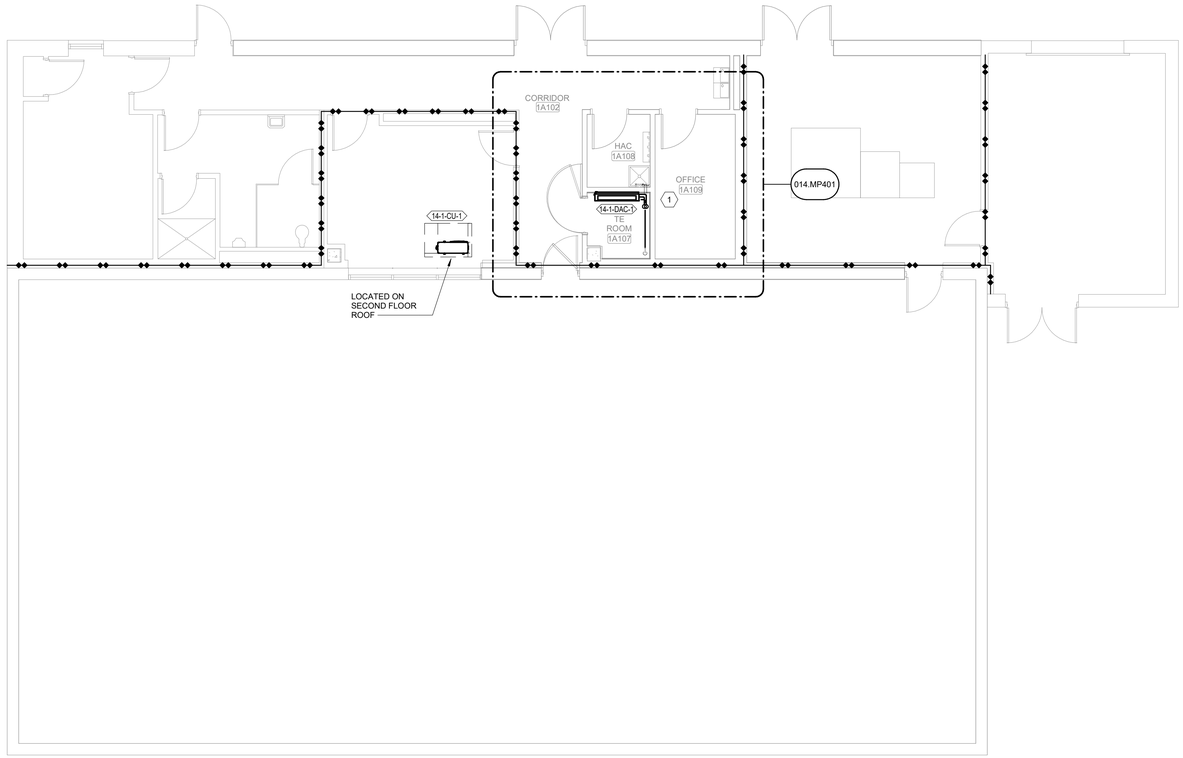


FIRST FLOOR, OVERALL MECHANICAL PLAN

Scale: 3/16" = 1'-0"

0 4 8 16

NORTH

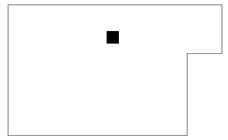
KEY NOTES:

1 PROVIDE NEW OUTDOOR UNIT IN SAME PLACE AS EXISTING UNIT LOCATED ON ROOF. ROUTE REFRIGERANT PIPING APPROXIMATELY 20' TO ASSOCIATED INDOOR SPLIT SYSTEM.

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:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 0049418
PROFESSIONAL ENGINEER
3/24/2026

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 14, FIRST FLOOR, OVERALL MECHANICAL 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: # 14

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 014.M-101

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VA FORM 08-6231

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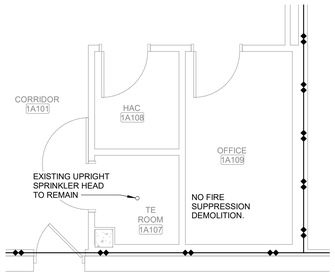
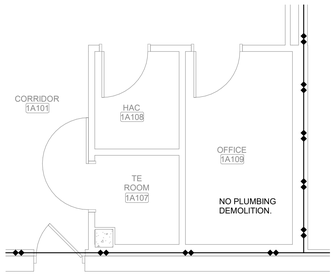


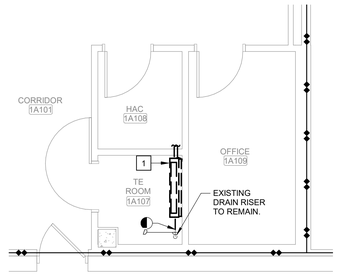
FIRST FLOOR TELECOM ROOM 1A107 FIRE SUPPRESSION DEMOLITION PLAN

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



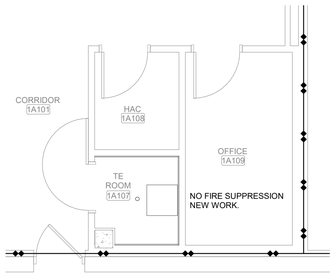
FIRST FLOOR TELECOM ROOM 1A107 PLUMBING DEMOLITION PLAN

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



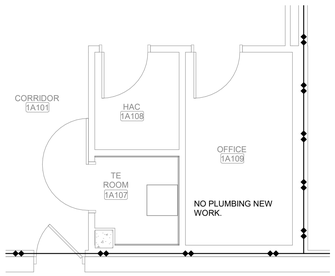
FIRST FLOOR TELECOM ROOM 1A107 MECHANICAL DEMOLITION PLAN

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



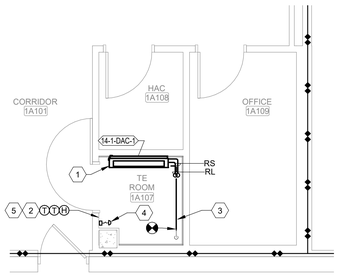
FIRST FLOOR TELECOM ROOM 1A107 FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 1A107 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 1A107 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING SPLIT SYSTEM. DEMOLISH ASSOCIATED OUTDOOR UNIT ON ROOF.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 CONNECT CONDENSATE DRAIN TO EXISTING DRAIN PIPING.

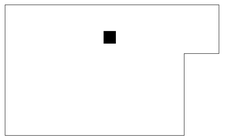
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEERING — 3/24/2026

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 14, FIRST FLOOR, TELECOM ROOM 1A107 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: # 14

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 014.MP401

Dwg. 43 of 62

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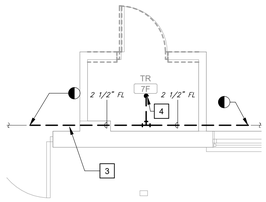
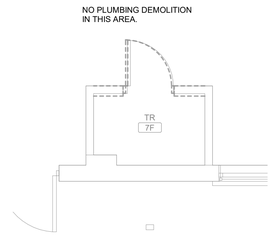


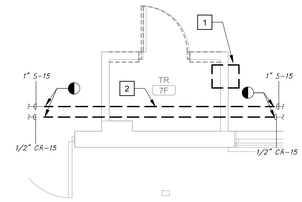
FIRST FLOOR TELECOM ROOM 7F FIRE SUPPRESSION DEMOLITION PLAN

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



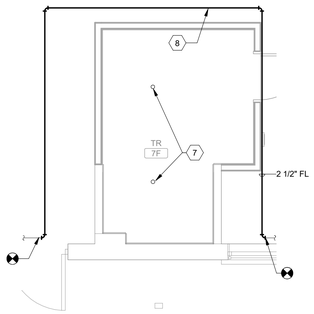
FIRST FLOOR TELECOM ROOM 7F PLUMBING DEMOLITION PLAN

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



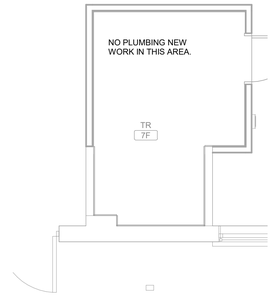
FIRST FLOOR TELECOM ROOM 7F MECHANICAL DEMOLITION PLAN

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



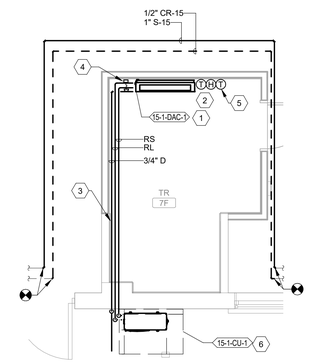
FIRST FLOOR TELECOM ROOM 7F FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 7F PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 7F MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH THROUGH WALL A/C UNIT.
2 DEMOLISH EXISTING MECHANICAL STEAM PIPING AS INDICATED AND CAP.
3 DEMOLISH FIRE PROTECTION MAIN. PEPARE MAIN TO BE REROUTED.
4 DEMOLISH EXISTING FIRE PROTECTION HEAD.

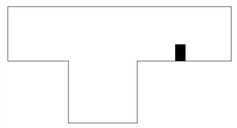
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.
3 ROUTE CONDENSATE TO NEAREST EXTERIOR WALL. DUMP CONDENSATE ON GRADE.
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. REFRIGERANT PIPING TO BE ROUTED TO NEW INDOOR UNIT.
7 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.
8 REROUTE FIRE PROTECTION MAIN SO THAT IT DOES NOT PASS THROUGH IT ROOM.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEERING — 3/24/2026

PROJECT MANAGER

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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ACG Project Number 20-398

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)

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

VA PROJECT NUMBER 502-21-222

Building Number # 15

Drawing Number 015.MP401

Dwg. 44 of 62

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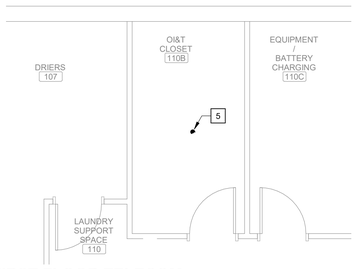
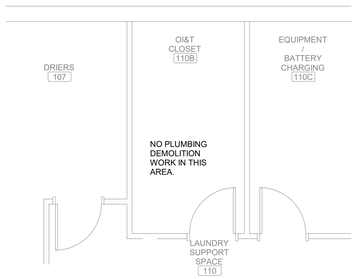


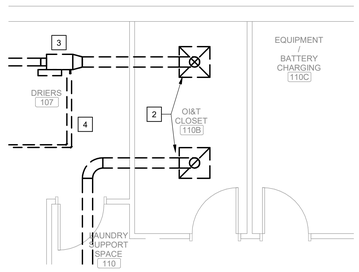
FIRST FLOOR TELECOM ROOM 110B FIRE SUPPRESSION DEMOLITION PLAN

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



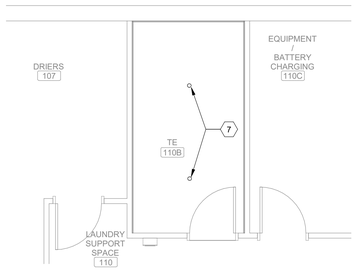
FIRST FLOOR TELECOM ROOM 110B PLUMBING DEMOLITION PLAN

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



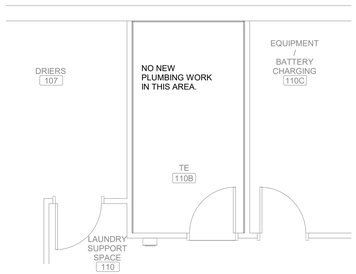
FIRST FLOOR TELECOM ROOM 110B MECHANICAL DEMOLITION PLAN

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



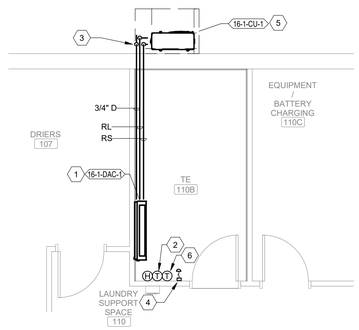
FIRST FLOOR TELECOM ROOM 110B FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 110B PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 110B MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

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D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

2 DEMOLISH EXISTING AIR DEVICES AND DUCTWORK RUNOUTS BACK TO MAIN. CAP DUCTWORK AT MAIN.

3 DEMOLISH EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED PIPING, VALVES, AND HANGERS.

4 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING BACK TO MAIN AND CAP.

5 DEMOLISH FIRE PROTECTION MAIN. PEPARE MAIN TO BE REROUTED.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 ROUTE CONDENSATE DRAIN TO EXTERIOR WALL. DISCHARGE CONDENSATE ON GRADE.

4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

5 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. REFRIGERANT PIPING TO BE ROUTED TO NEW INDOOR UNIT.

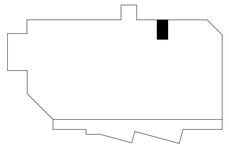
6 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

7 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

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:

STATE OF LOUISIANA — SEAN W. REID, LICENSE No. 0049418, PROFESSIONAL ENGINEER — 3/24/2026

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, FIRST FLOOR, TELECOM ROOM 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: # 16

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 016.MP401

Dwg. 45 of 62

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VA FORM 08-6231

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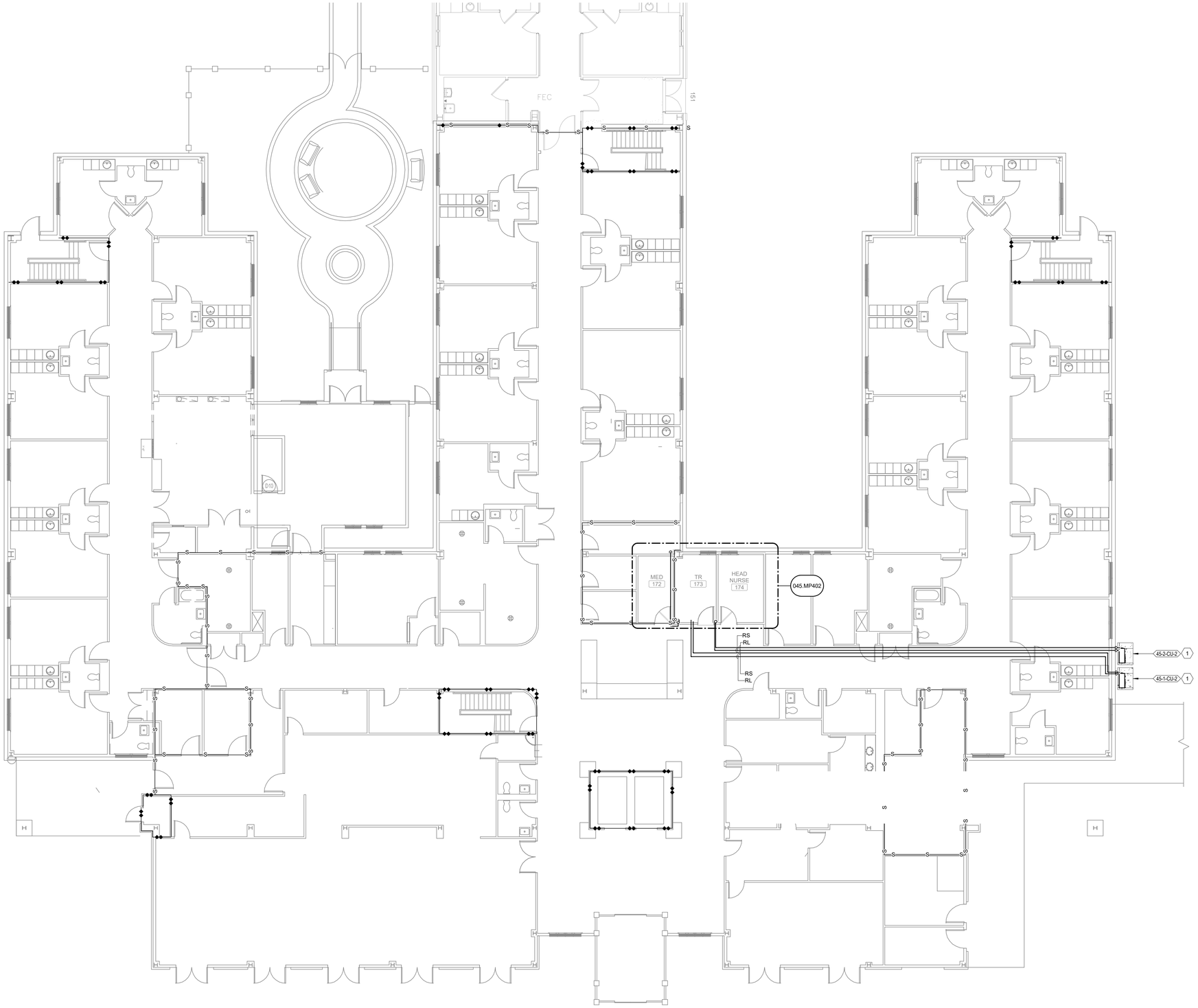


1 **BUILDING 45, FIRST FLOOR, OVERALL MECHANICAL PLAN**
Scale: 1/8" = 1'-0"

0 2 4 8

NORTH

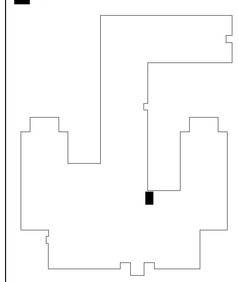
KEY NOTES:

1 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. CONNECT REFRIGERANT PIPING TO NEW INDOOR UNIT. ROUTE REFRIGERANT PIPING ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

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:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 0049418
PROFESSIONAL ENGINEERING
3/24/2026

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, OVERALL MECHANICAL 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: # 45

Approved:

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 045.M-101

Dwg. 46 of 62

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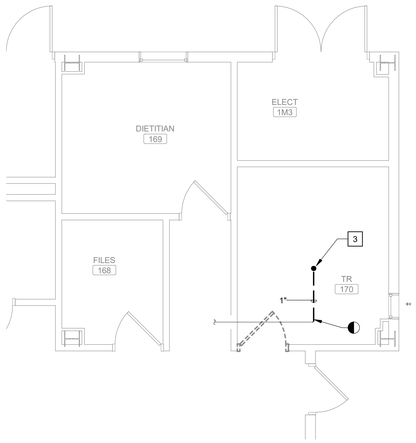
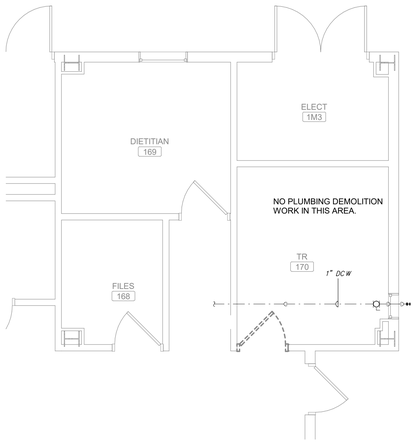


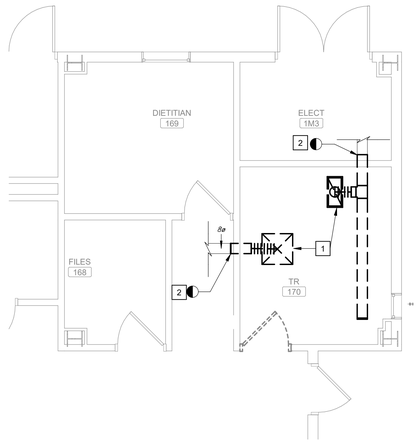
FIRST FLOOR, TELECOM ROOM 170 FIRE SUPPRESSION DEMOLITION PLAN

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



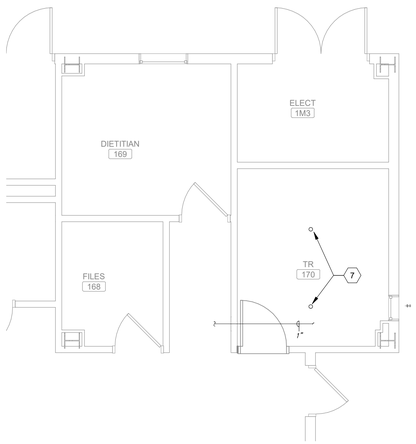
FIRST FLOOR, TELECOM ROOM 170 PLUMBING DEMOLITION PLAN

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



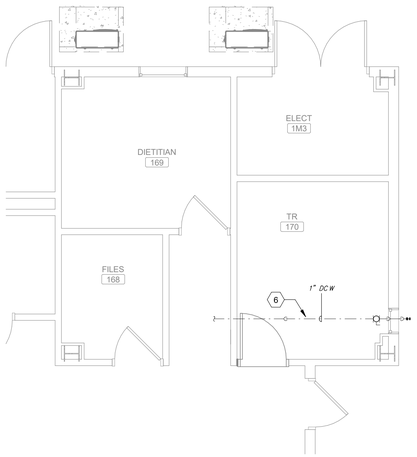
FIRST FLOOR, TELECOM ROOM 170 MECHANICAL DEMOLITION PLAN

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



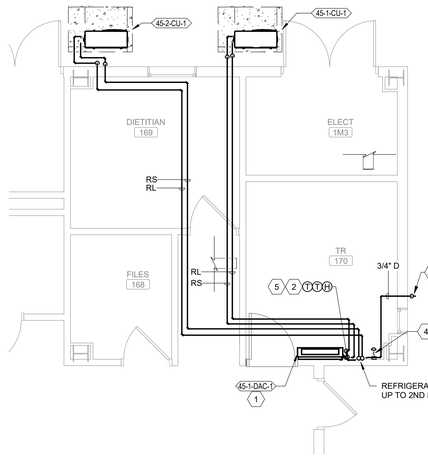
FIRST FLOOR, TELECOM ROOM 170 FIRE SUPPRESSION PLAN

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



FIRST FLOOR, TELECOM ROOM 170 PLUMBING PLAN

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



FIRST FLOOR, TELECOM ROOM 170 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. DEMOLITION WORK SHALL BE PERFORMED SUCH THAT ALL PIPES, HANGERS, SUPPORTS, AND VALVES IN SCOPE ARE REMOVED COMPLETELY TO MAINS. REMOVE ALL ITEMS TO ENSURE NOTHING IS ABANDONED IN PLACE.

E. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1. DEMOLISH EXISTING AIR DEVICES IN AREA TO BE NEW IT ROOM.
2. DEMOLISH EXISTING DUCTWORK SERVING NEW IT ROOM AREA BACK TO LIMITS OF DEMOLITION AND CAP.
3. DEMOLISH EXISTING SPRINKLER HEAD.

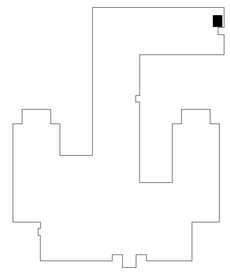
KEY NOTES:

1. PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2. PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3. ROUTE CONDENSATE PIPING TO GRADE AND PROVIDE SPLASH BLOCK.
4. PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
5. PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6. PROVIDE DRAIN PAN UNDER EXISTING DOMESTIC COLD WATER PIPING.
7. PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

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:

STATE OF LOUISIANA — SEAN W. REID, LICENSE No. 0049418 — PROFESSIONAL ENGINEERING — Sean Reid — 3/24/2026

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 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: # 45

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 045.MP401

Dwg. 47 of 62

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VA FORM 08-6231

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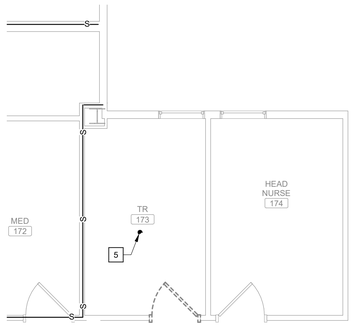
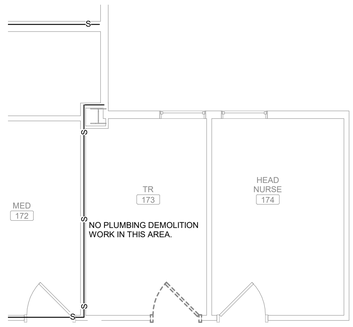


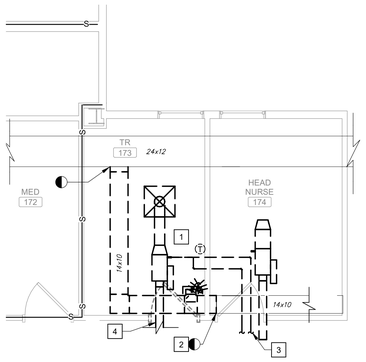
FIRST FLOOR, TELECOM ROOM 173 FIRE SUPPRESSION DEMOLITION PLAN

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



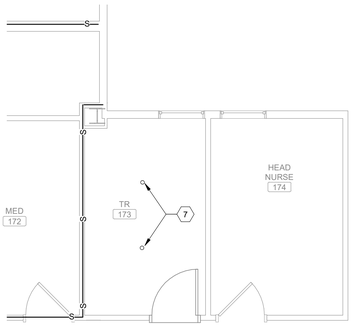
FIRST FLOOR, TELECOM ROOM 173 PLUMBING DEMOLITION PLAN

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



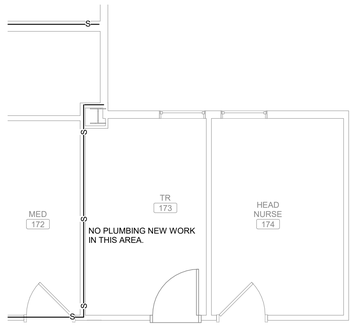
FIRST FLOOR, TELECOM ROOM 173 MECHANICAL DEMOLITION PLAN

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



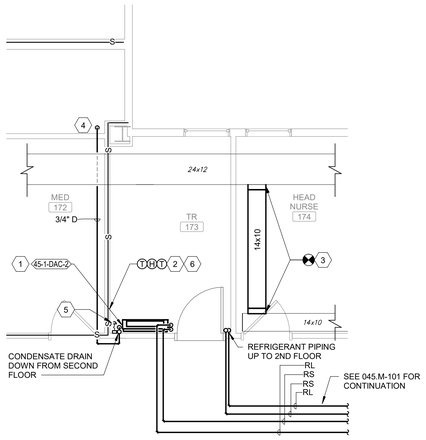
FIRST FLOOR, TELECOM ROOM 173 FIRE SUPPRESSION PLAN

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



FIRST FLOOR, TELECOM ROOM 173 PLUMBING PLAN

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



FIRST FLOOR, TELECOM ROOM 173 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. DEMOLITION WORK SHALL BE PERFORMED SUCH THAT ALL PIPES, HANGERS, SUPPORTS, AND VALVES IN SCOPE ARE REMOVED COMPLETELY TO MAINS. REMOVE ALL ITEMS TO ENSURE NOTHING IS ABANDONED IN PLACE.

E. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1. DEMOLISH EXISTING VAV BOX, VALVES, AND HANGERS. DEMOLISH ASSOCIATED DUCTWORK, THERMOSTAT, AND AIR DEVICES.
2. DEMOLISH EXISTING RETURN AIR DUCTWORK AND AIR DEVICES. CAP AT LIMITS OF DEMOLITION.
3. DEMOLISH EXISTING MECHANICAL PIPING BACK TO MAIN AND CAP.
4. DEMOLISH VAV INLET DUCTWORK BACK TO MAIN AND CAP.
5. DEMOLISH EXISTING SPRINKLER HEAD.

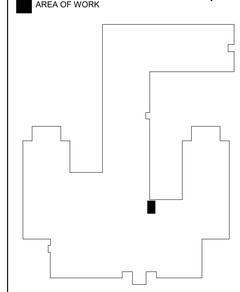
KEY NOTES:

1. PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2. PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3. REROUTE EXISTING RETURN AIR DUCTWORK TO MAINTAIN SERVICE OF ADJACENT AREAS.
4. ROUTE CONDENSATE PIPING TO MOP SINK IN NEARBY SOILED UTILITY ROOM 130.
5. PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
6. PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
7. PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

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:

STATE OF LOUISIANA — SEAN W. REID, LICENSE No. 0049418 — PROFESSIONAL ENGINEERING — Sean Reid — 3/24/2026

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 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: # 45

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 045.MP402

Dwg. 48 of 62

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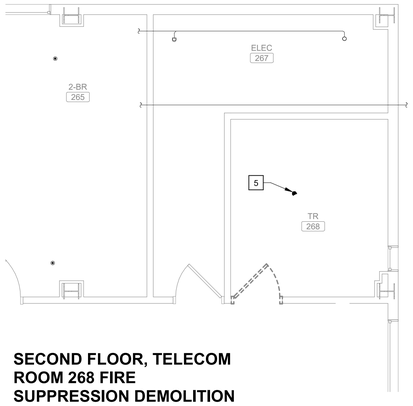
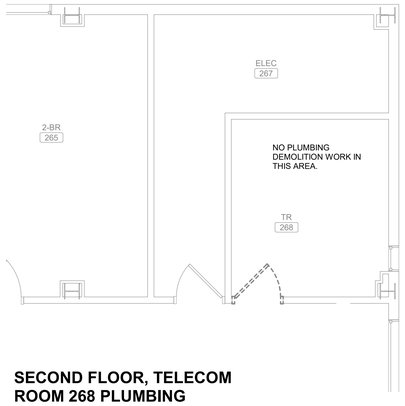


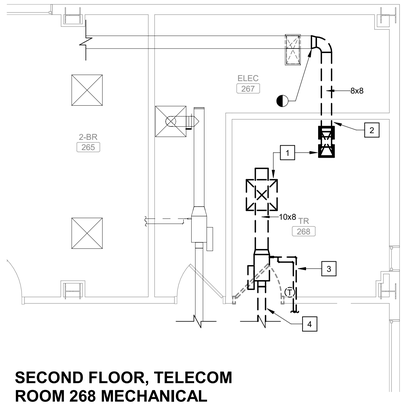
SECOND FLOOR, TELECOM ROOM 268 FIRE SUPPRESSION DEMOLITION PLAN

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



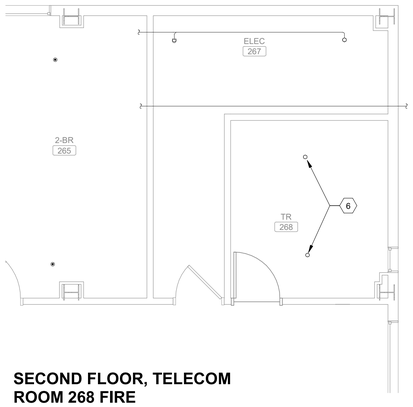
SECOND FLOOR, TELECOM ROOM 268 PLUMBING DEMOLITION PLAN

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



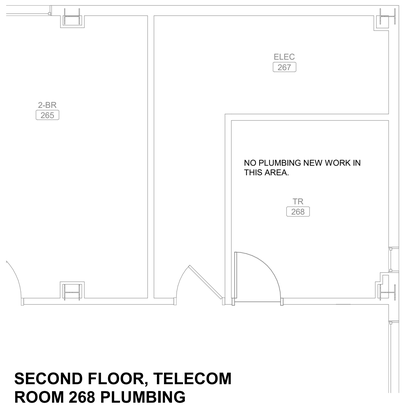
SECOND FLOOR, TELECOM ROOM 268 MECHANICAL DEMOLITION PLAN

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



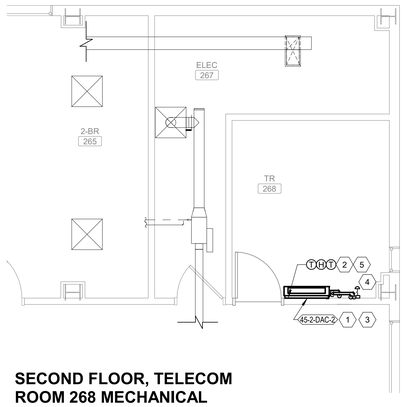
SECOND FLOOR, TELECOM ROOM 268 FIRE SUPPRESSION PLAN

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



SECOND FLOOR, TELECOM ROOM 268 PLUMBING PLAN

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



SECOND FLOOR, TELECOM ROOM 268 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. DEMOLITION WORK SHALL BE PERFORMED SUCH THAT ALL PIPES, HANGERS, SUPPORTS, AND VALVES IN SCOPE ARE REMOVED COMPLETELY TO MAINS. REMOVE ALL ITEMS TO ENSURE NOTHING IS ABANDONED IN PLACE.

E. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING DIFFUSERS / GRILLES / REGISTERS.

2 DEMOLISH EXISTING DUCTWORK SERVING NEW IT ROOM AREA BACK TO LIMITS OF DEMOLITION AND CAP.

3 DEMOLISH EXISTING MECHANICAL PIPING BACK TO MAIN AND CAP.

4 DEMOLISH EXISTING DUCTWORK, VAV BOXES, AND HYDRONICS AS NECESSARY TO SERVE NEW AREAS. CAP PIPING AND DUCTWORK AT MAIN.

5 DEMOLISH EXISTING SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 ROUTE CONDENSATE PIPING AND REFRIGERANT PIPING DOWN TO FIRST FLOOR. SEE 045.MP401 FOR CONNECTION.

4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

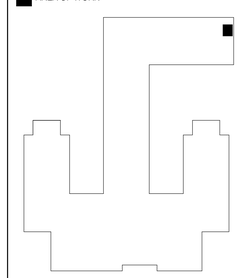
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

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:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEERING

3/24/2026

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, SECOND FLOOR, TELECOM ROOM 268 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: # 45

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: AV

Drawing Number: 045.MP403

Dwg. 49 of 62

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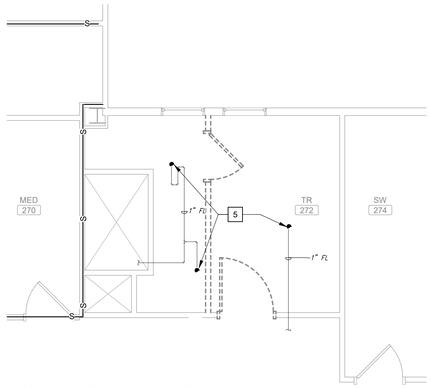
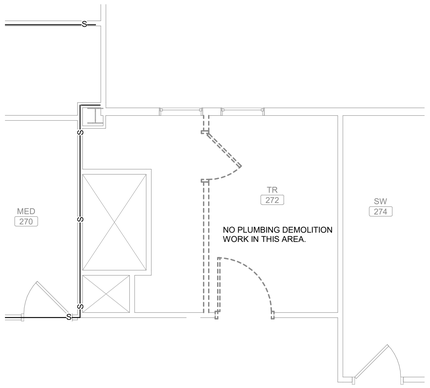


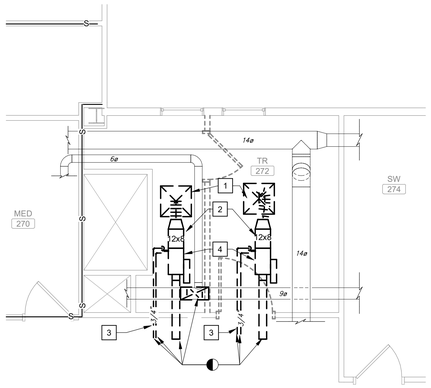
SECOND FLOOR, TELECOM ROOM 272 FIRE SUPPRESSION DEMOLITION PLAN

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



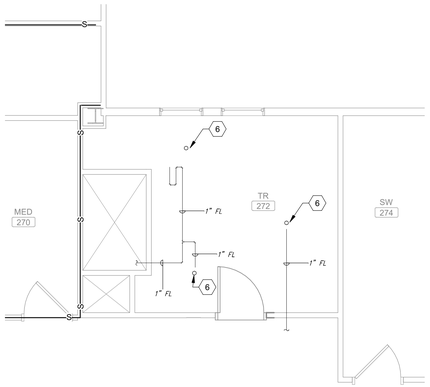
SECOND FLOOR, TELECOM ROOM 272 PLUMBING DEMOLITION PLAN

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



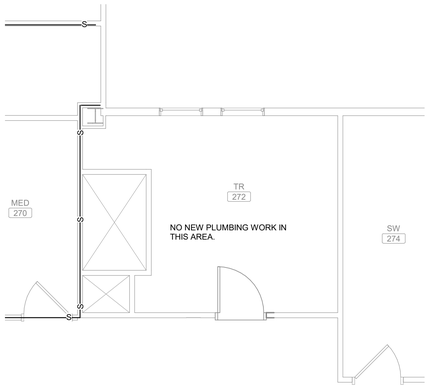
SECOND FLOOR, TELECOM ROOM 272 MECHANICAL DEMOLITION PLAN

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



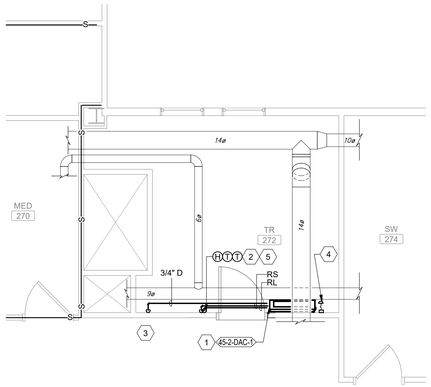
SECOND FLOOR, TELECOM ROOM 272 FIRE SUPPRESSION PLAN

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



SECOND FLOOR, TELECOM ROOM 272 PLUMBING PLAN

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



SECOND FLOOR, TELECOM ROOM 272 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. DEMOLITION WORK SHALL BE PERFORMED SUCH THAT ALL PIPES, HANGERS, SUPPORTS, AND VALVES IN SCOPE ARE REMOVED COMPLETELY TO MAINS. REMOVE ALL ITEMS TO ENSURE NOTHING IS ABANDONED IN PLACE.

E. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

F. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

G. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

H. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

I. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING AIR DEVICES.
2 DEMOLISH EXISTING DUCTWORK.
3 DEMOLISH EXISTING MECHANICAL PIPING.
4 DEMOLISH EXISTING VAV BOXES, AND HYDRONICS.
5 DEMOLISH EXISTING SPRINKLER HEADS IN AREAS BEING RENOVATED.

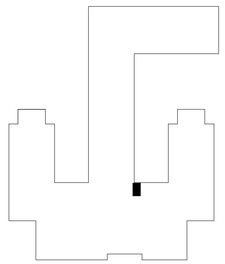
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SENSORS SHALL COMMUNICATE WITH ECC.
3 ROUTE CONDENSATE PIPING DOWN TO FIRST FLOOR. SEE 045.MP402 FOR CONNECTION.
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

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:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 004941R
PROFESSIONAL ENGINEER
3/24/2026

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 45, SECOND FLOOR, TELECOM ROOM 272 PLANS

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: SWR | Drawn: AV

VA PROJECT NUMBER: 502-21-222

Building Number: # 45

Drawing Number: 045.MP404

Dwg. 50 of 62

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VA FORM 08-6231

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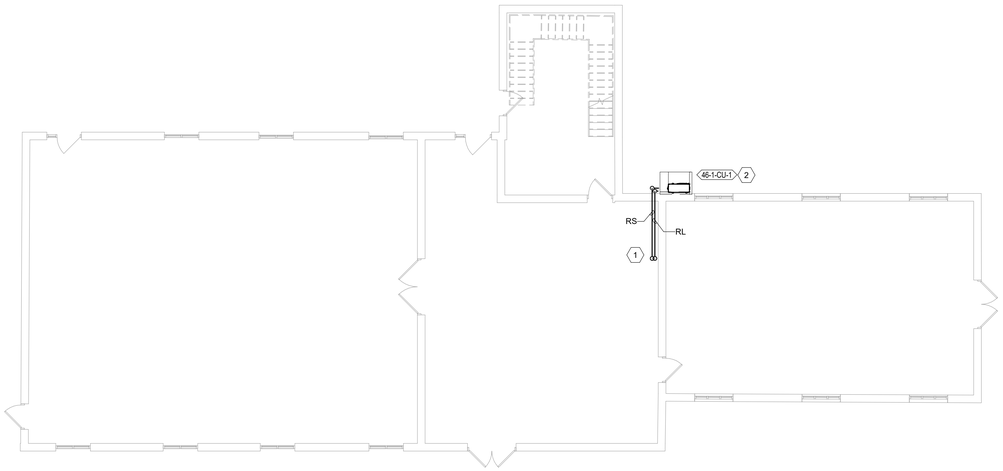


1 **FIRST FLOOR, OVERALL MECHANICAL PLAN**
Scale: 1/8" = 1'-0"

0 4 8 16

NORTH

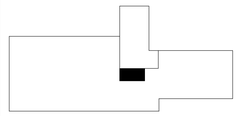
KEY NOTES:

1. REFRIGERANT PIPING ROUTED FROM OUTDOOR CONDENSING UNIT TO DUCTLESS SPLIT ON THIRD FLOOR.
2. PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. REFRIGERANT PIPING TO BE ROUTED TO NEW INDOOR UNIT.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 0049418
PROFESSIONAL ENGINEER
3/24/2026

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 46, FIRST FLOOR, OVERALL MECHANICAL PLAN

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: SWR | Drawn: SMR

VA PROJECT NUMBER: 502-21-222

Building Number: # 46

Drawing Number: 046.M-101

Dwg. 51 of 62

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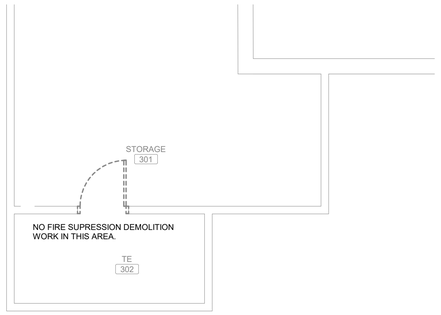
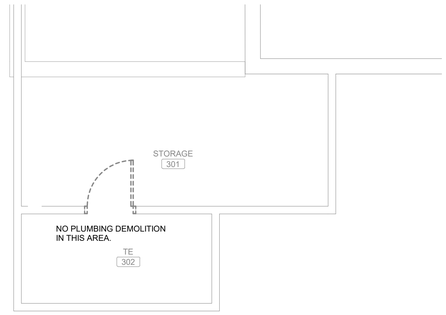


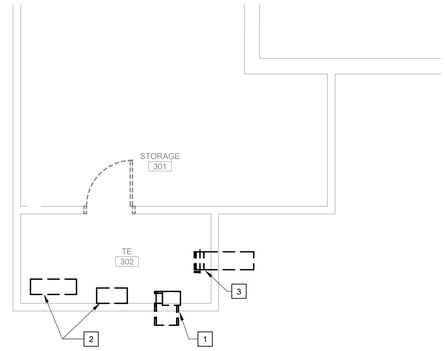
THIRD FLOOR TELECOM ROOM 302 FIRE SUPPRESSION DEMOLITION PLAN

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



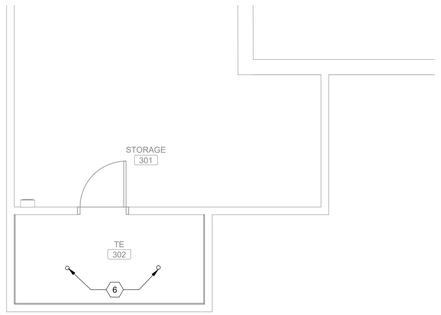
THIRD FLOOR TELECOM ROOM 302 PLUMBING DEMOLITION PLAN

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



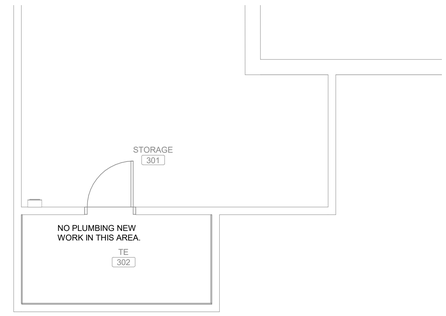
THIRD FLOOR TELECOM ROOM 302 MECHANICAL DEMOLITION PLAN

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



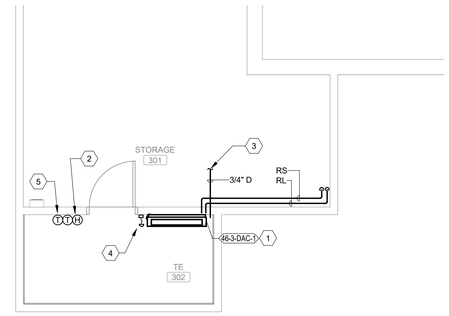
THIRD FLOOR TELECOM ROOM 302 FIRE SUPPRESSION PLAN

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



THIRD FLOOR TELECOM ROOM 302 PLUMBING PLAN

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



THIRD FLOOR TELECOM ROOM 302 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXHAUST FAN AND DAMPER.
2 DEMOLISH AIR COMPRESSOR AND PNEUMATIC CONTROL PANEL.
3 DEMOLISH PNEUMATIC CONTROLLED DAMPER.

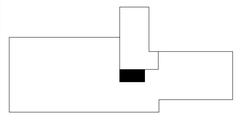
KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.
3 ROUTE CONDENSATE TO NEAREST FLOOR DRAIN IN ADJACENT MECHANICAL ROOM.
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEERING — 3/24/2026

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 46, THIRD FLOOR, TELECOM ROOM 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: # 46

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 046.MP401

Dwg. 52 of 62

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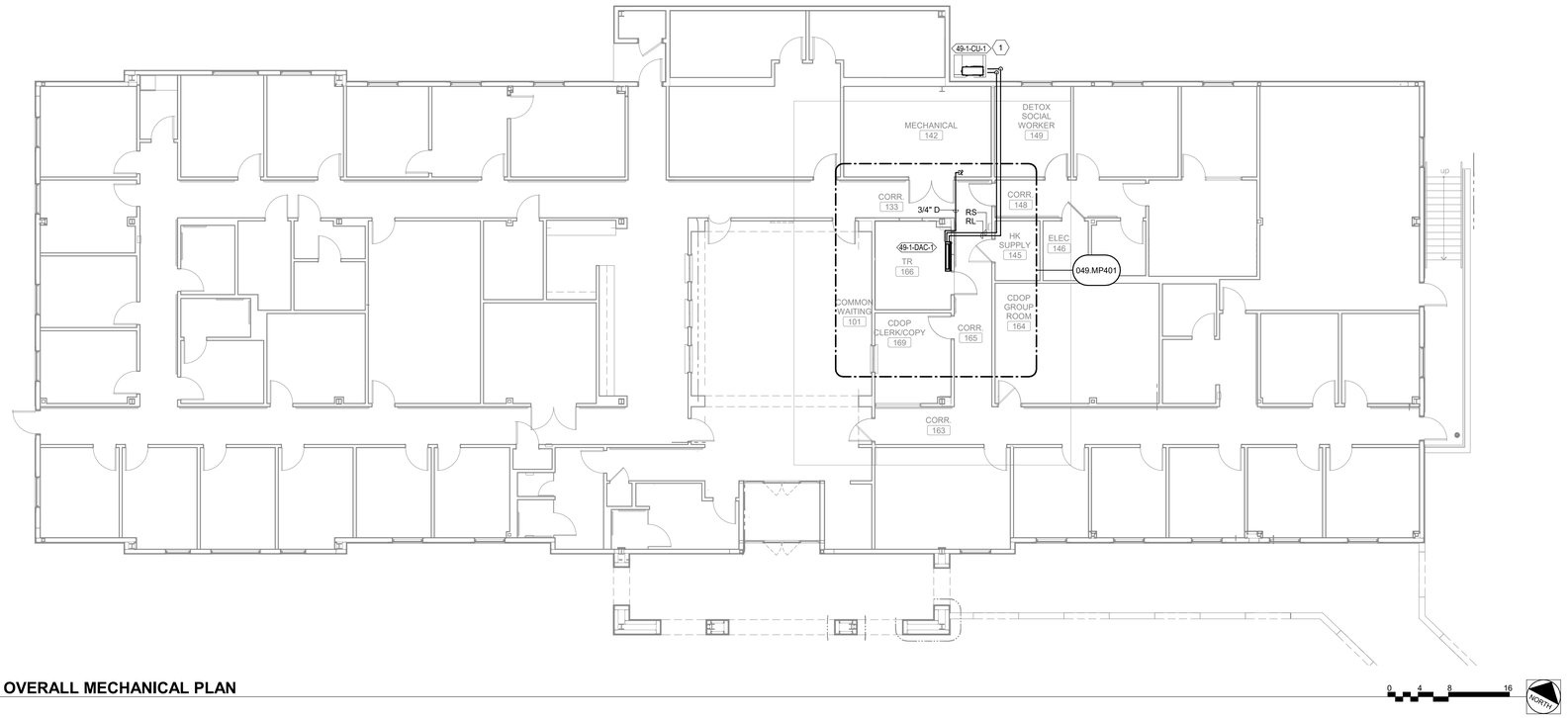
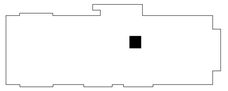


1 **FIRST FLOOR, OVERALL MECHANICAL PLAN**
Scale: 1/8" = 1'-0"

KEY NOTES:

1 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. REFRIGERANT PIPING TO BE ROUTED TO NEW INDOOR UNIT.

KEY PLAN
SCALE: NO SCALE
AREA OF WORK



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#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 0040418
PROFESSIONAL ENGINEER
3/24/2026

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ACG Project Number 20-398

APOGEE
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 49, FIRST FLOOR, OVERALL MECHANICAL PLAN

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # 49

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

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 049.M-101

Dwg. 53 of 62

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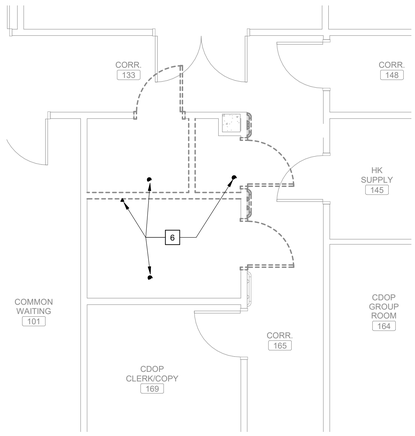
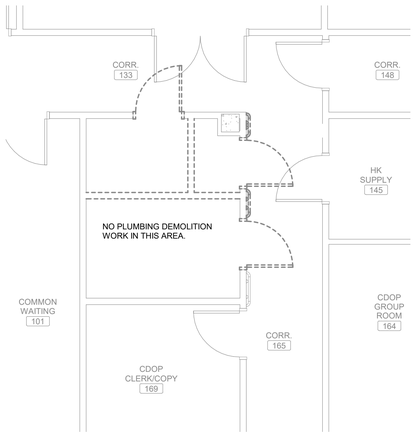


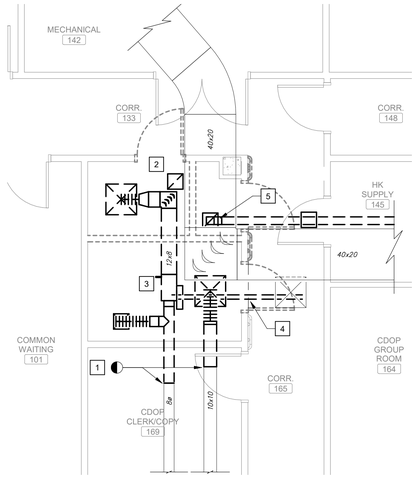
FIRST FLOOR TELECOM ROOM 166 FIRE SUPPRESSION DEMOLITION PLAN

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



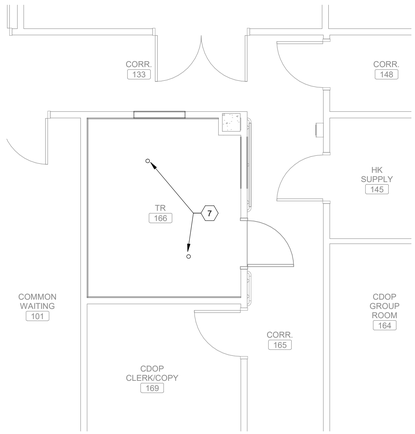
FIRST FLOOR TELECOM ROOM 166 PLUMBING DEMOLITION PLAN

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



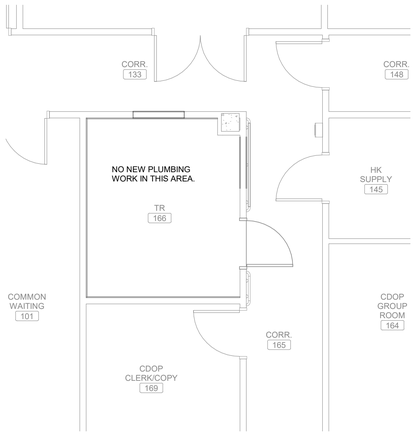
FIRST FLOOR TELECOM ROOM 166 MECHANICAL DEMOLITION PLAN

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



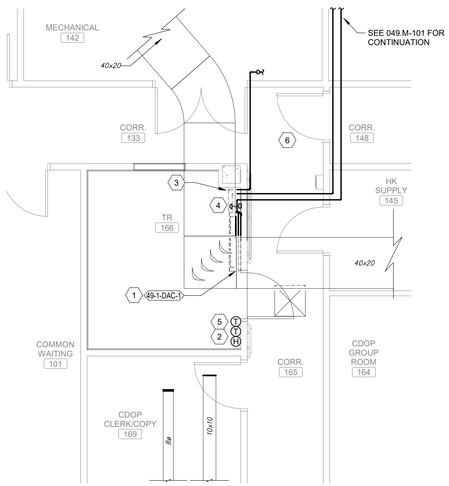
FIRST FLOOR TELECOM ROOM 166 FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 166 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 166 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 REMOVE SUPPLY DIFFUSER AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

2 REMOVE EXHAUST / RETURN GRILLE AND ASSOCIATED DUCT BACK TO BRANCH TAKEOFF AND CAP DUCT.

3 DEMOLISH EXISTING FCU / VAV BOX, VALVES, AND HANGERS.

4 DEMOLISH EXISTING MECHANICAL HYDRONIC PIPING AS INDICATED AND CAP.

5 DEMOLISH EXISTING EXHAUST GRILL AND ASSOCIATED EXHAUST FAN. DEMOLISH 6" EXHAUST ROUND DUCT TO ROOM 145 AND CAP.

6 DEMOLISH EXISTING SPRINKLER HEAD AND BRANCH PIPING BACK TO MAIN.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 PROVIDE CONDENSATE PUMP. ROUTE CONDENSATE TO MECHANICAL ROOM AS SHOWN AND ROUTE TO NEAREST FLOOR DRAIN.

4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

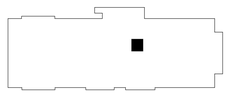
6 PROVIDE MEDIUM PRESSURE SUPPLY DUCTWORK. DEMOLISH AND REPLACE DUCTWORK OVER A SINGLE WEEKEND.

7 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0040418 — PROFESSIONAL ENGINEERING — 3/24/2026

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 49, FIRST FLOOR, 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: # 49

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 049.MP401

Dwg. 54 of 62

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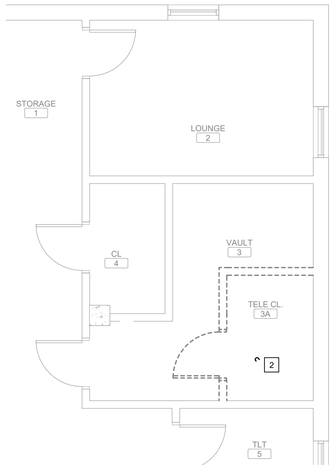
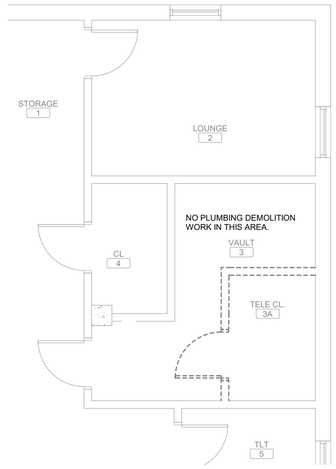


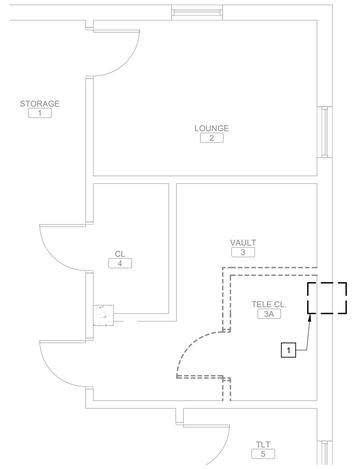
FIRST FLOOR TELECOM ROOM 3 FIRE SUPPRESSION DEMOLITION PLAN

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



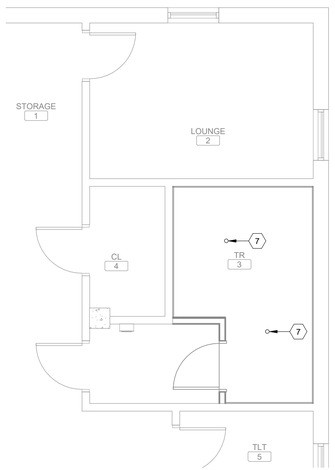
FIRST FLOOR TELECOM ROOM 3 PLUMBING DEMOLITION PLAN

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



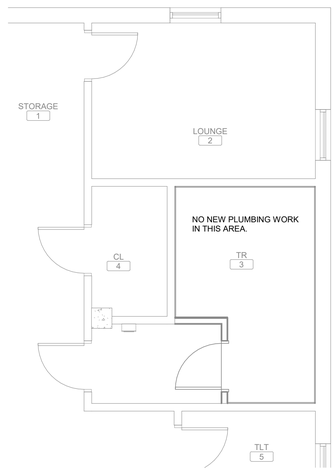
FIRST FLOOR TELECOM ROOM 3 MECHANICAL DEMOLITION PLAN

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



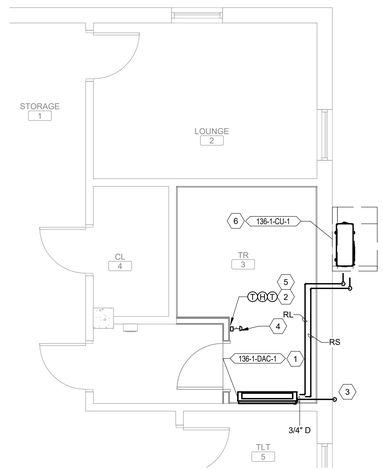
FIRST FLOOR TELECOM ROOM 3 FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 3 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 3 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH THROUGH WALL A/C UNIT AND ASSOCIATED THERMOSTAT.

2 DEMOLISH EXISTING UPRIGHT SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 ROUTE CONDENSATE DRAIN TO EXTERIOR WALL. DUMP CONDENSATE ON GRADE.

4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

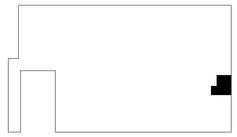
6 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. REFRIGERANT PIPING TO BE ROUTED TO NEW INDOOR UNIT.

7 PROVIDE ORDINARY RESPONSE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK



FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 0049418 — PROFESSIONAL ENGINEERING

3/24/2026

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 136, FIRST FLOOR, TELECOM ROOM 3 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: # 136

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 136.MP401

Dwg. 55 of 62

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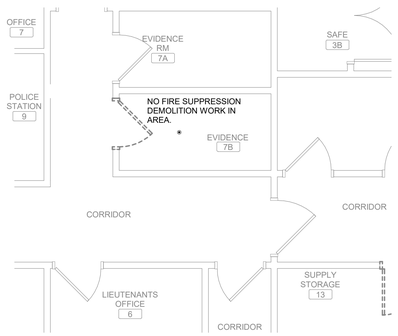
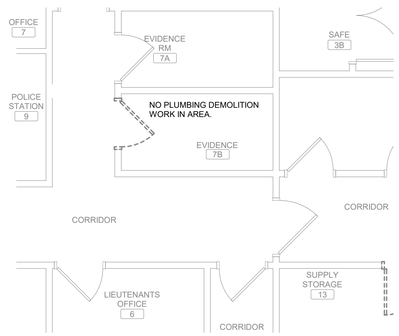


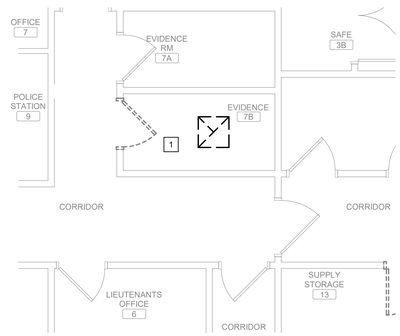
FIRST FLOOR TELECOM ROOM 7B FIRE SUPPRESSION DEMOLITION PLAN

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



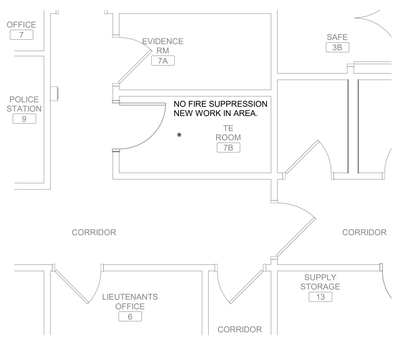
FIRST FLOOR TELECOM ROOM 7B PLUMBING DEMOLITION PLAN

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



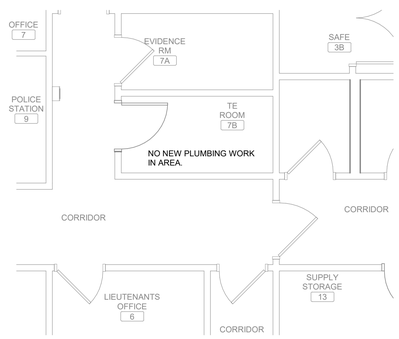
FIRST FLOOR TELECOM ROOM 7B MECHANICAL DEMOLITION PLAN

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



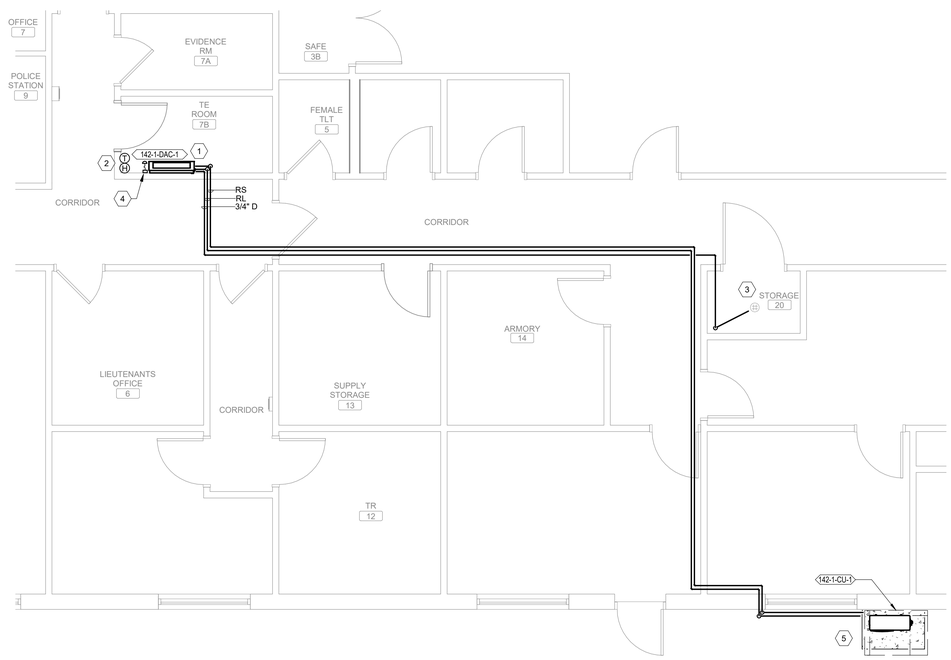
FIRST FLOOR TELECOM ROOM 7B FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 7B PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 7B MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING EXHAUST GRILLE AND ASSOCIATED DUCTWORK BACK TO MAIN AND CAP.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 ROUTE CONDENSATE TO STORAGE 20, DISCHARGE IN FLOOR DRAIN.

4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

5 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. CONNECT REFRIGERANT PIPING TO NEW INDOOR UNIT. ROUTE REFRIGERANT PIPING ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 32484-R — PROFESSIONAL ENGINEER — MECHANICAL — 3/24/2026

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 142, FIRST FLOOR, TELECOM 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: # 142

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 142.MP401

Dwg. 56 of 62

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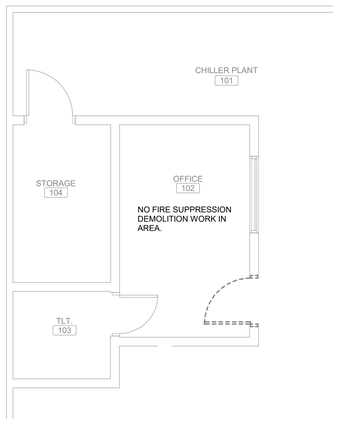
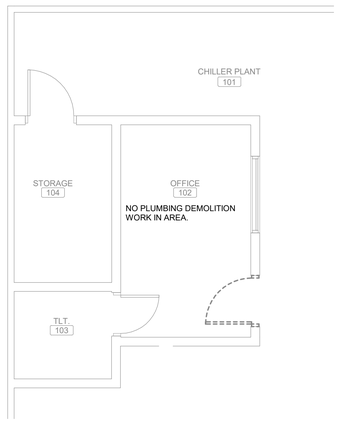


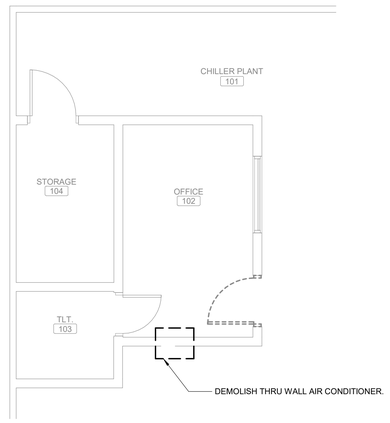
FIRST FLOOR TELECOM ROOM 102 FIRE SUPPRESSION DEMOLITION PLAN

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



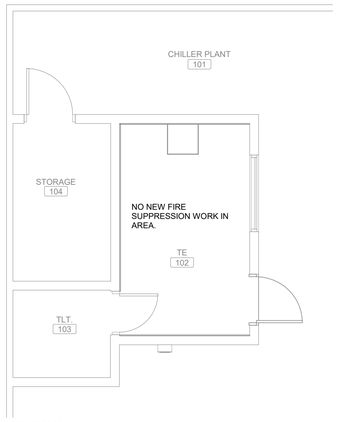
FIRST FLOOR TELECOM ROOM 102 PLUMBING DEMOLITION PLAN

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



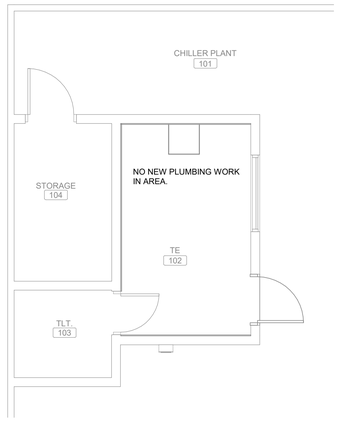
FIRST FLOOR TELECOM ROOM 102 MECHANICAL DEMOLITION PLAN

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



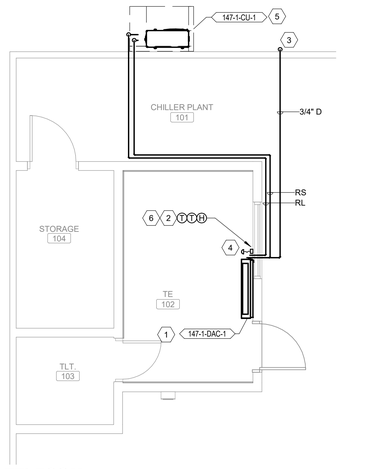
FIRST FLOOR TELECOM ROOM 102 FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 102 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 102 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.

2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.

3 ROUTE CONDENSATE PIPING TO EXTERIOR WALL, DUMP CONDENSATE ON GRADE.

4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.

5 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. REFRIGERANT PIPING TO BE ROUTED TO NEW INDOOR UNIT.

6 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA
SEAN W. REID
LICENSE No. 00494116
PROFESSIONAL ENGINEER
3/24/2026

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 147, FIRST FLOOR, TELECOM ROOM 102 PLANS

Project Title: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)

VA PROJECT NUMBER: 502-21-222

Building Number: # 147

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

Approved

Date: MARCH 24, 2026 | Checked: SWR | Drawn: SMR

Drawing Number: 147.MP401

Dwg. 57 of 62

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VA FORM 08-6231

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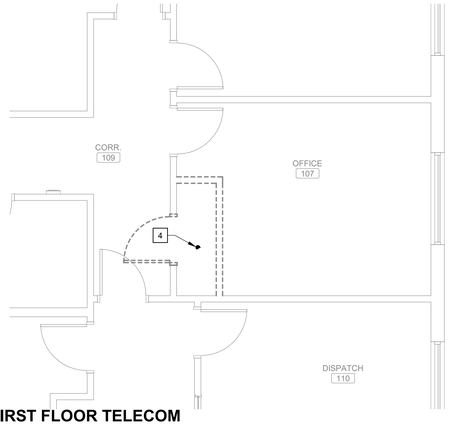
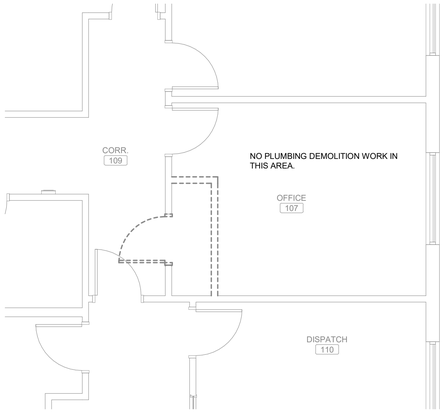


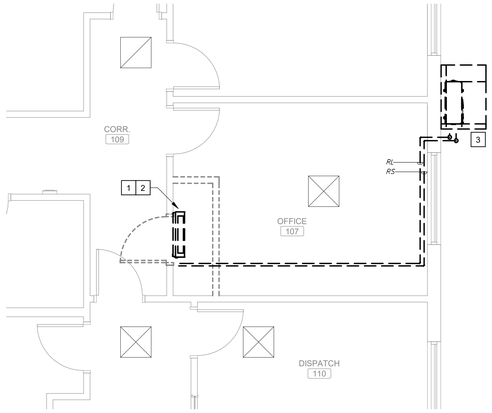
FIRST FLOOR TELECOM ROOM 108 FIRE SUPPRESSION DEMOLITION PLAN

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



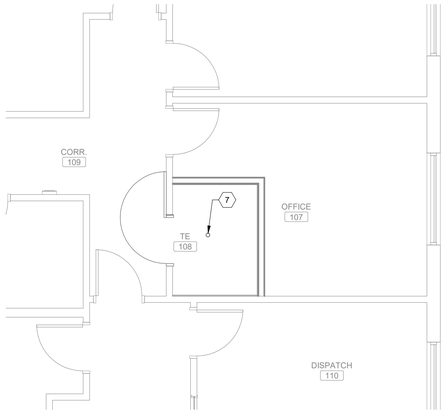
FIRST FLOOR TELECOM ROOM 108 PLUMBING DEMOLITION PLAN

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



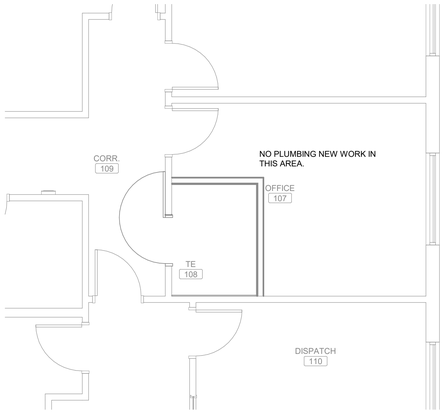
FIRST FLOOR TELECOM ROOM 108 MECHANICAL DEMOLITION PLAN

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



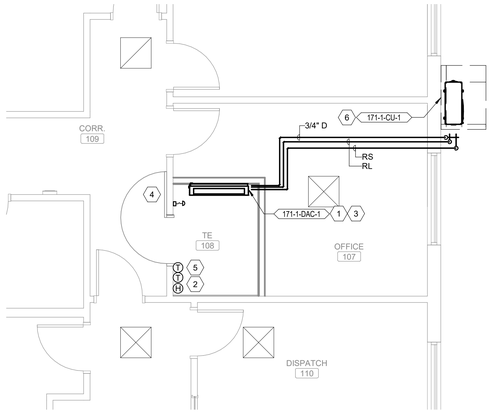
FIRST FLOOR TELECOM ROOM 108 FIRE SUPPRESSION PLAN

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



FIRST FLOOR TELECOM ROOM 108 PLUMBING PLAN

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



FIRST FLOOR TELECOM ROOM 108 MECHANICAL PLAN

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

SHEET NOTES:

A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.

B. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS. PRESERVE EXISTING DUCTWORK, PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.

C. ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH VAPHS REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.

D. NO DEAD ENDS SHALL REMAIN. THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE TWO PIPE DIAMETERS FROM THE BRANCH, RISER, OR MAIN.

E. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK/DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.

F. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.

G. COORDINATE ALL THERMOSTAT LOCATIONS WITH ALL OTHER WALL MOUNTED OBJECTS BEFORE INSTALLATION.

H. PROVIDE ISOLATION BALL VALVES FOR EACH PIPING BRANCH. LOCATE AS CLOSE TO MAIN AS POSSIBLE.

KEY NOTES:

1 DEMOLISH EXISTING SPLIT SYSTEM AND ASSOCIATED CONDENSATE PUMP.
2 DEMOLISH EXISTING REFRIGERANT AND CONDENSATE PIPING ASSOCIATED WITH EXISTING SPLIT SYSTEM.
3 DEMOLISH EXISTING OUTDOOR CONDENSING UNIT AND ASSOCIATED REFRIGERANT PIPING.
4 DEMOLISH EXISTING SPRINKLER HEAD.

KEY NOTES:

1 PROVIDE DUCTLESS SPLIT SYSTEM. MOUNT 6' 10" AFF. REFRIGERANT PIPING TO BE ROUTED TO OUTSIDE UNIT.
2 PROVIDE DDC THERMOSTAT AND HUMIDISTAT FOR MONITORING AND TRACKING ROOM TEMPERATURE AND HUMIDITY. SHALL COMMUNICATE WITH ECC.
3 PROVIDE CONDENSATE PUMP. ROUTE CONDENSATE OUTSIDE AND DISCHARGE AT GRADE NEXT TO NEW CONDENSING UNIT.
4 PROVIDE WATER LEAK SENSOR ON FLOOR AND CONNECT TO THE BAS AND ALARM IF WATER IS SENSED.
5 PROVIDE MANUFACTURERS THERMOSTAT FOR INDOOR SPLIT UNIT.
6 PROVIDE NEW OUTDOOR UNIT ON EQUIPMENT PAD ON GRADE. REFRIGERANT PIPING TO BE ROUTED TO NEW INDOOR UNIT.
7 PROVIDE UPRIGHT SPRINKLER HEADS WITH WIREGUARD AND CONNECT TO THE EXISTING FIRE PROTECTION PIPING.

KEY PLAN

SCALE: NO SCALE

AREA OF WORK

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 00404116 — PROFESSIONAL ENGINEER — 3/24/2026

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 171,FIRST FLOOR, TELECOM ROOM 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: # 171

Approved:

Date: MARCH 24, 2026 | Checked: SPG | Drawn: SMR

Drawing Number: 171.MP401

Dwg. 58 of 62

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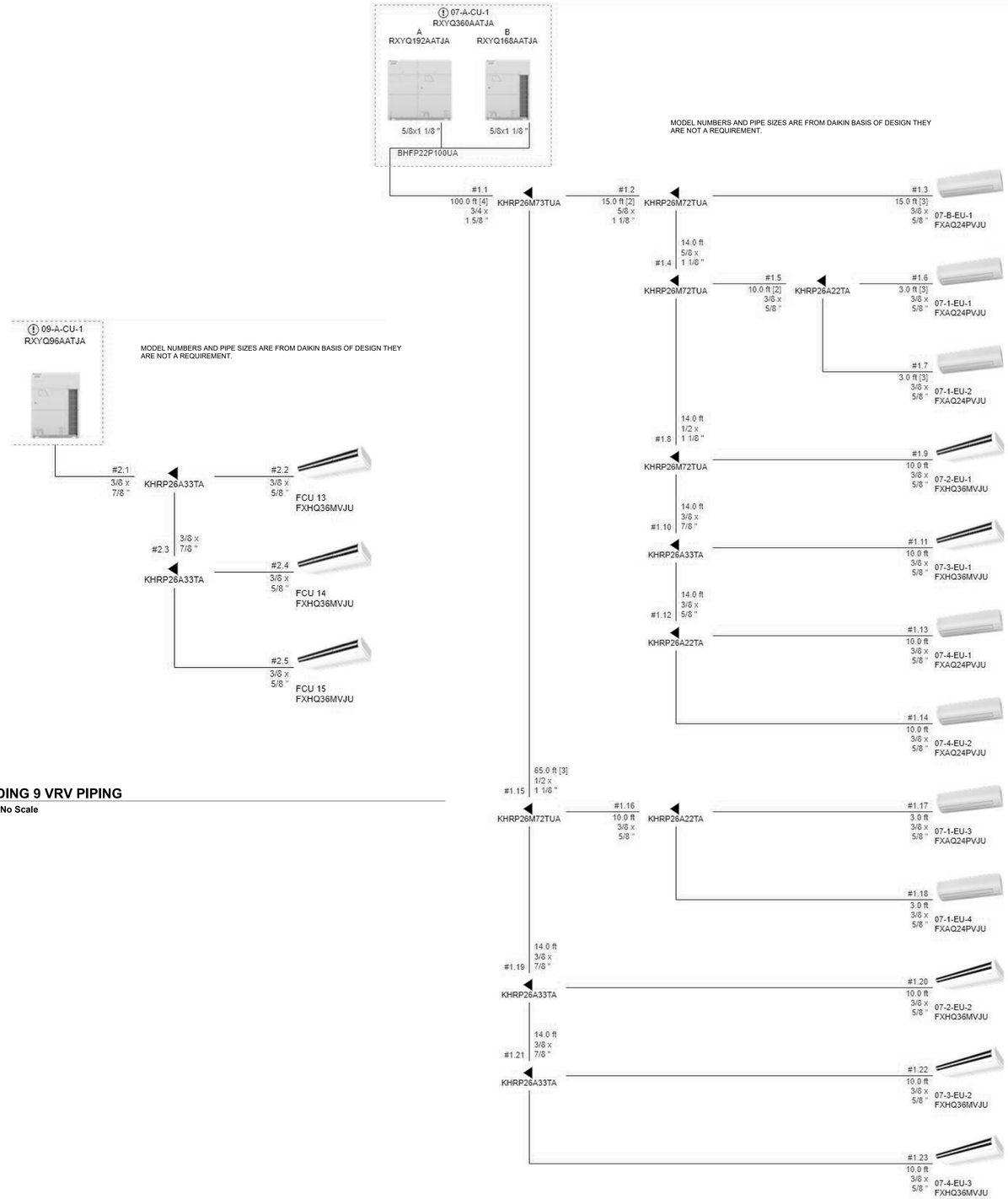
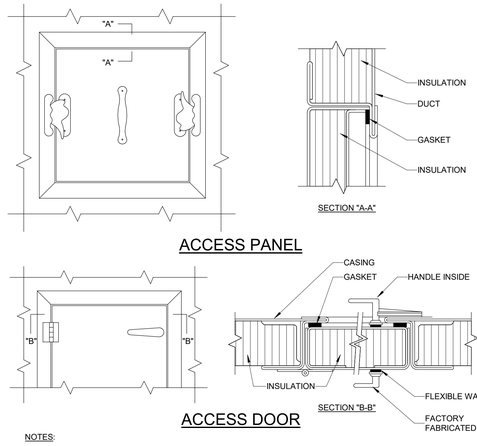


9 BUILDING 9 VRV PIPING
Scale: No Scale

8 BUILDING 7 VRV PIPING
Scale: No Scale



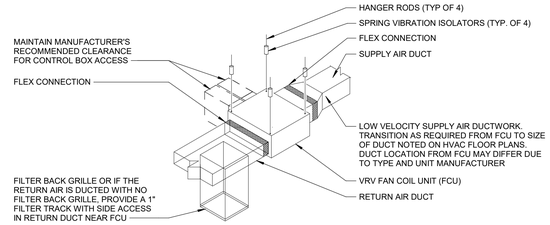
ACCESS PANEL

ACCESS DOOR

NOTES:

1. LATCHES SHALL BE OF THE WEDGE TYPE TO CLOSE DOORS THIGHTLY.
2. HINGES ON THE ACCESS DOORS SHALL HAVE NON-CORROSIVE PINS.
3. SEE SMACNA 2005, FIGURE 9-16

5 ACCESS PANEL AND DOOR DETAIL
Scale: No Scale



6 FAN COIL UNIT INSTALLATION DETAIL
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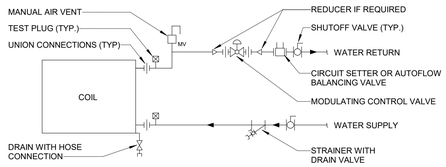
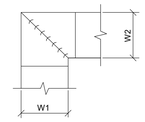


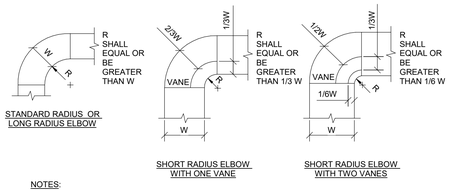
7 TERMINAL UNIT COIL PIPING CONNECTION DETAIL
Scale: No Scale



NOTES:

1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" RADIUS, 1-1/2" MAXIMUM SPACE BETWEEN VANES AND A 3/4" TRAILING EDGE.
4. WHEN W EQUAL W2 AND W1 IS GREATER THAN 20" VANES SHALL BE DOUBLE VANE TYPE.

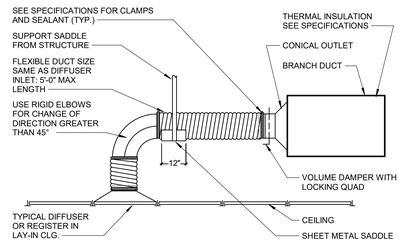
1 DUCTWORK SQUARE VANE ELBOWS
Scale: No Scale



NOTES:

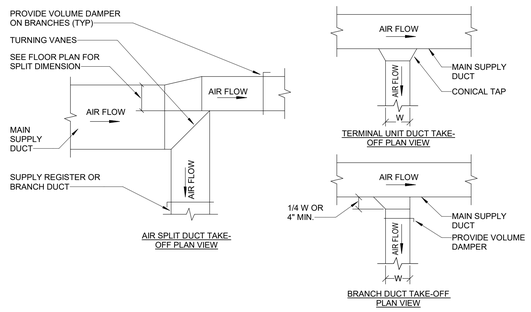
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED , SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

2 DUCTWORK RADIUS ELBOW
Scale: No Scale



NOTE:
THE USE OF FLEXIBLE AIR DUCT CONNECTORS ARE NOT PERMITTED FOR THE DEDICATED AHU SERVING THE SURGICAL SUITE

3 FLEX AIR DUCT CONNECTOR DETAIL
Scale: No Scale



4 DUCT BRANCH TAKE-OFFS
Scale: No Scale

FULLY SPRINKLERED

100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID — LICENSE No. 00494918 — PROFESSIONAL ENGINEERING — 3/24/2026

PROJECT MANAGER

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ACG Project Number 20-398

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL AND PLUMBING DETAILS

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: SWR | Drawn: AV

VA PROJECT NUMBER 502-21-222

Building Number # VARIOUS

Drawing Number MP501

Dwg. 59 of 62

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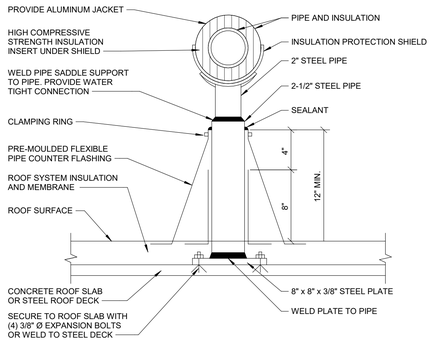
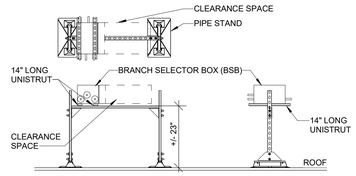
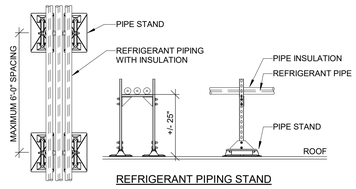


NOTE:
PROVIDE RESTRAINING CLAMPS 8'-0" O.C.

10 PIPING ROOF SUPPORT DETAIL
Scale: No Scale



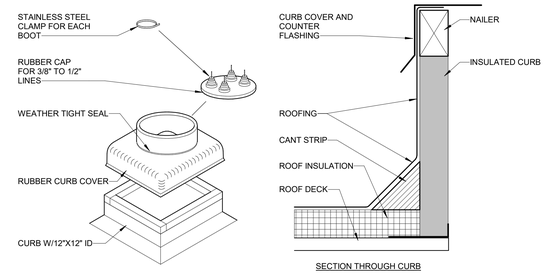
BRANCH SELECTOR BOX STAND



REFRIGERANT PIPING STAND

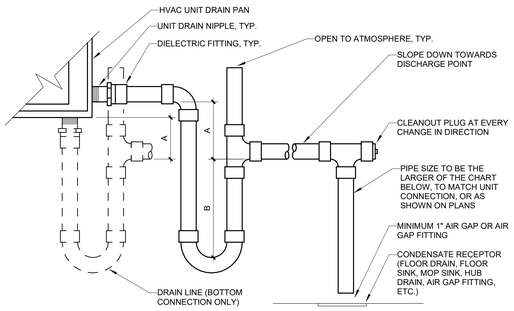
NOTE:
SEE MECHANICAL PIPING PLANS FOR REFRIGERANT PIPING LAYOUT.

7 BSB & REFRIGERANT PIPE STAND DETAIL
Scale: No Scale



SECTION THROUGH CURB

5 PIPE CURB ENTRY DETAIL
Scale: No Scale

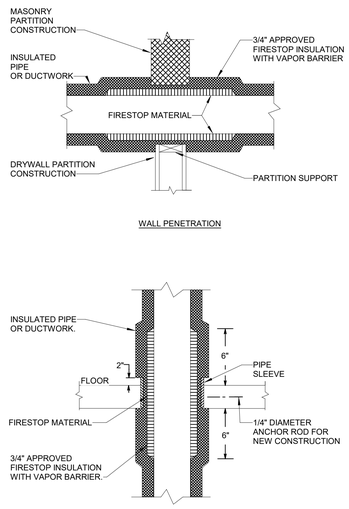


MINIMUM TRAP DIMENSIONS		
UNIT TYPE	DIMENSION A	DIMENSION B
DRAW THRU	X + 2" [50mm]	X
BLOW THRU	1" [25mm] MIN.	2X

NOTES:
1. X = UNIT EXTERNAL STATIC PRESSURE IN INCHES [MM] WATER COLUMN.
2. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR METALS ARE CONNECTED.

CONDENSATE PIPE SIZE			
REFRIGERATION CAPACITY		MINIMUM PIPE DIAMETER	
TONS	[kW]	INCHES	[mm]
UP TO 20	[UP TO 70]	3/4	[20]
21 TO 40	[71 TO 140]	1	[25]
41 TO 90	[141 TO 315]	1-1/4	[32]
91 TO 125	[316 TO 440]	1-1/2	[40]
125 TO 250	[441 TO 880]	2	[50]
OVER 250	[OVER 880]	3	[80]

11 CONDENSATE DRAIN PIPING DETAIL
Scale: No Scale

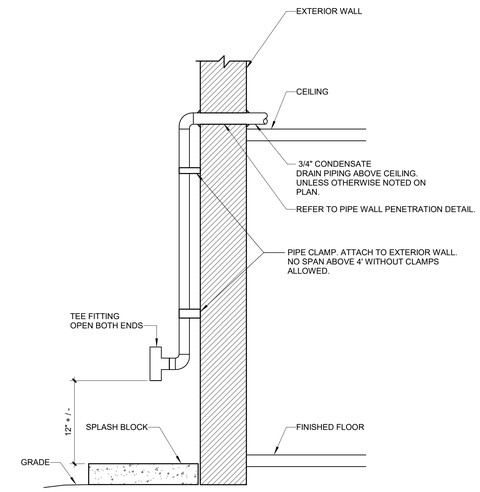


WALL PENETRATION

FLOOR PENETRATION

NOTE: APPLICABLE TO PENETRATIONS OF ALL FIRE RATED MEMBRANES. REFER TO SPECIFICATIONS FOR FIRE STOP MATERIAL AND REQUIREMENTS.

8 FIRE BARRIER PIPE/DUCTWORK PENETRATION DETAIL
Scale: No Scale



6 EXTERIOR CONDENSATE DRAIN PIPING DETAIL
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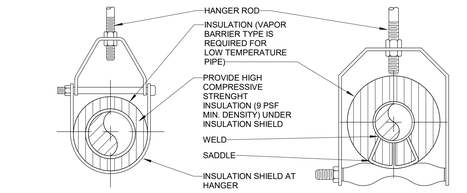
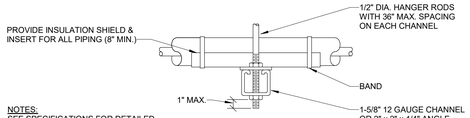


ADJUSTABLE CLEVIS HANGER TYPE 1 - SEE SPECIFICATIONS

ADJUSTABLE CLEVIS HANGER TYPE 43 - SEE SPECIFICATIONS

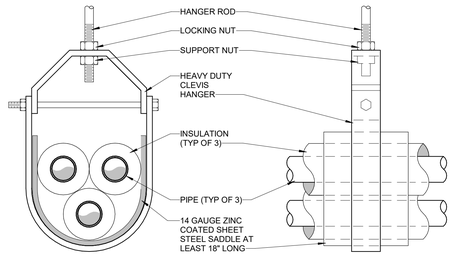


NOTES:
SEE SPECIFICATIONS FOR DETAILED HANGER REQUIREMENTS.

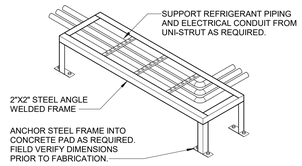
SIDE VIEW TRAPEZE HANGER FOR UP TO 1000 LB. UNIFORM LOAD

MAXIMUM PIPE/TUBING SUPPORT SPACING													
NOM. SIZE (IN.)	THRU 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
PIPE (FT.)	7	7	7	9	10	11	12	14	16	17	19	22	23
TUBING (FT.)	5 FT	6	7	8	8	9	10	12	13	14	16	-	-
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE													

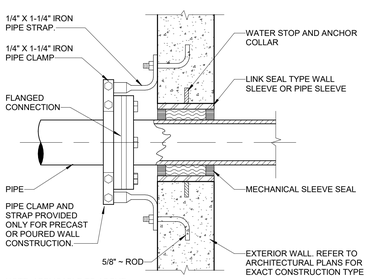
1 PIPE HANGER DETAIL
Scale: No Scale



2 REFRIGERANT PIPE HANGER DETAIL
Scale: No Scale

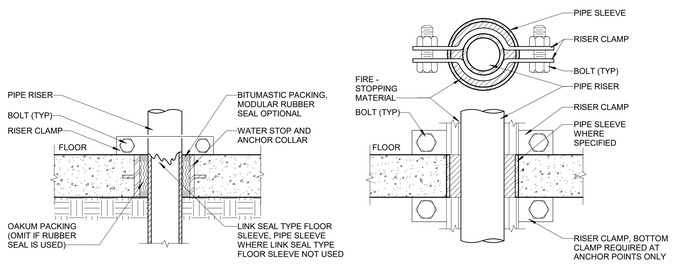


3 REFRIGERANT PIPING AND ELECTRICAL CONDUIT SUPPORT
Scale: No Scale



NOTE: APPLICABLE TO ABOVE AND BELOW GRADE APPLICATIONS.

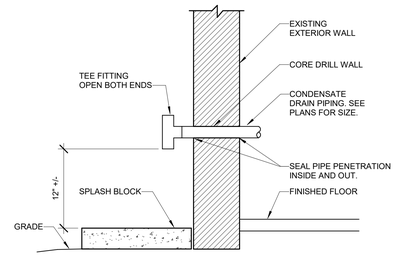
12 EXTERIOR WALL PIPE PENETRATION DETAIL
Scale: No Scale



PENETRATION FROM BELOW GRADE

PENETRATION THROUGH FLOOR SLAB

9 PIPE FLOOR PENETRATION DETAIL
Scale: No Scale



4 EXTERIOR CONDENSATE DRAIN PIPING DETAIL
Scale: No Scale

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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

STATE OF LOUISIANA — SEAN W. REID, LICENSE No. 0049418 — PROFESSIONAL ENGINEERING — Sean Reid — 3/24/2026

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Office of Construction and Facilities Management

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Drawing Title: MECHANICAL AND PLUMBING 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: SWR | Drawn: AV

Drawing Number: MP502

Dwg. 60 of 62

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SPLIT SYSTEM CONTROLS:

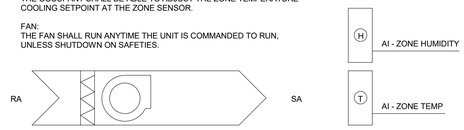
RUN CONDITIONS - CONTINUOUS:
THE UNIT SHALL RUN CONTINUOUSLY AND SHALL MAINTAIN:
A 81° F (ADJ.) COOLING SETPOINT IN TELECOMMUNICATION AND FACILTIES ROOMS

ALARMS SHALL BE PROVIDED AS FOLLOWS:

- HIGH ZONE TEMP: IF THE ZONE TEMPERATURE IS GREATER THAN THE COOLING SETPOINT BY A USER DEFINABLE AMOUNT (ADJ.).
- HIGH ZONE HUMIDITY (TELECOM AND FACILITIES ROOMS ONLY): IF THE ZONE HUMIDITY IS GREATER THAN THE 30% RH (ADJUSTABLE) BY A USER-DEFINABLE AMOUNT (ADJ.).
- WHEN THE FLOAT SWITCH IN THE UNIT DRAIN PAN TRIPS. FLOAT SWITCH TRIP SHALL SHUT DOWN THE INDOOR AND OUTDOOR UNITS. MANUAL RESET SHALL BE REQUIRED TO START UP SYSTEM AFTER FLOAT SWITCH TRIP.

ZONE SETPOINT ADJUST:
THE OCCUPANT SHALL BE ABLE TO ADJUST THE ZONE TEMPERATURE COOLING SETPOINT AT THE ZONE SENSOR.

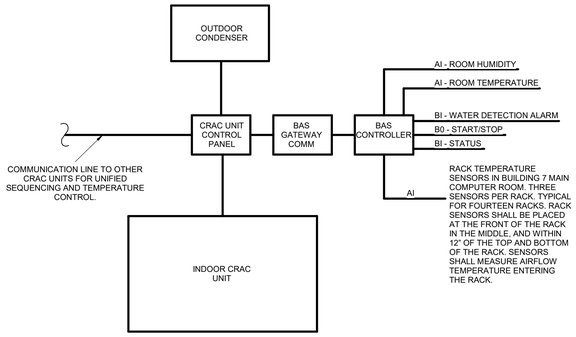
FAN:
THE FAN SHALL RUN ANYTIME THE UNIT IS COMMANDED TO RUN, UNLESS SHUTDOWN ON SAFETIES.



	HARDWARE POINTS				SOFTWARE POINTS						
POINT NAME	AI	AO	BI	BO	AV	BV	LOOP	SCHED	TREND	ALARM	SHOW ON GRAPHIC
ZONE TEMP	X								X		X
HIGH ZONE TEMP									X	X	X
ZONE HUMIDITY	X								X		X
HIGH ZONE HUMIDITY									X	X	X
FLOAT SWITCH TRIP									X	X	X
TOTALS	2	0	0	0	0	0	0	0	5	3	5

REFER TO SPECIFICATION SECTION 23 09 23 FOR INTEGRATION REQUIREMENTS

8 SPLIT SYSTEM CONTROL SCHEMATIC
Scale: No Scale



9 COMPUTER ROOM AIR CONDITIONER CONTROLS SCHEMATIC
Scale: No Scale

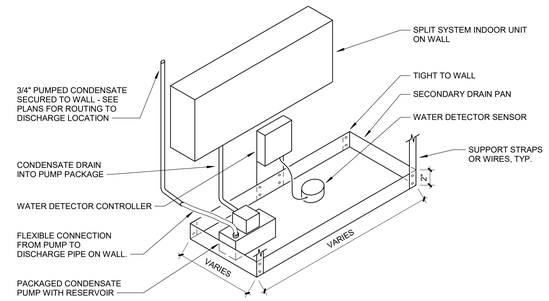
POINT NAME:	HARDWARE POINTS				SOFTWARE POINTS						SHOW ON GRAPHICS
	AI	AO	BI	BO	AV	BV	LOOP	SCHED	TREND	ALARM	
ROOM TEMPERATURE	X								X	X	X
ROOM TEMPERATURE SETPOINT	X									X	X
DISCHARGE AIR TEMPERATURE QTY. 4	X								X		X
FAN STATUS QTY. 4			X						X	X	X
FAN ON/OFF QTY. 4				X					X		X
DX COOLING ACTIVATED QTY. 4			X						X		X
PUMPED ECONOMIZER ACTIVATED QTY. 4			X						X		X
HIGH DISCHARGE AIR TEMPERATURE QTY. 4	X									X	X
LOW DISCHARGE AIR TEMPERATURE QTY. 4	X									X	X
ROOM HUMIDITY	X								X	X	X
WATER DETECTION ALARM - ROOM FLOOR QTY. 8			X							X	
WATER DETECTION ALARM - DRAIN PAN QTY. 4			X							X	
TOTAL POINTS BY TYPE:	15	0	24	4	0	0	0	0	18	31	39
TOTAL HARDWARE (43)					TOTAL SOFTWARE (49)						

10 COMPUTER ROOM AIR CONDITIONER POINTS LIST
Scale: No Scale

COMPUTER ROOM AIR CONDITIONER:

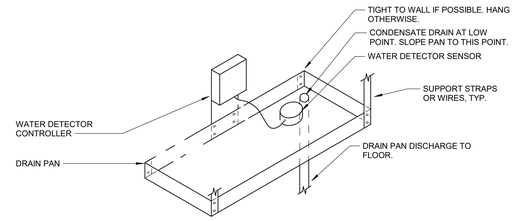
RUN CONDITIONS
LOCALLY CONTROLLED WITH STATUS OUTPUT TO DDC SYSTEM.
FAN: THE FAN SHALL RUN ANY TIME THE UNIT IS COMMANDED TO RUN, UNLESS SHUT DOWN ON SAFETIES.
COOLING: WHEN COOLING IS CALLED FOR BY WALL MOUNTED TEMPERATURE SENSOR OR THERMOSTAT PROVIDED WITH THE SYSTEM, THE CONDENSING UNIT (CU) SHALL RUN TO MAINTAIN THE COOLING SETPOINT.
PROVIDE A BACNET GATEWAY TO VIEW AND CHANGE ALL AVAILABLE POINTS IN THE UNIT CONTROLLER.
HUMIDIFIER ON THE UNIT SHALL OPERATE TO MAINTAIN THE SPACE HUMIDITY BETWEEN 10% AND 50%. UNIT CONTROLS SHALL ENERGIZE HEATING IF NECESSARY TO MAINTAIN SPACE SETPOINT.
SETPOINTS:
THE OCCUPANT SHALL BE ABLE TO ADJUST THE ZONE TEMPERATURE COOLING SETPOINT AT THE ZONE SENSOR. THE OIT DEPARTMENT SHALL HAVE THE ABILITY TO SEE AND CHANGE THE ROOM TEMPERATURE SETPOINT THROUGH PASSWORD PROTECTED ACCESS TO THE BAS. THE OIT DEPARTMENT SHALL NOT HAVE ACCESS TO ANY OTHER SYSTEMS IN THE BAS EXCEPT THE TR ROOMS. PROVIDE ANY NECESSARY COMPONENTS FOR THIS ABILITY.
HEATING: N/A
COOLING: 72 F
HUMIDITY: 30%
ALARMS:
ROOM WATER - IF WATER IS SENSED ON THE FLOOR.
ANY ALARMS FROM THE MANUFACTURER'S UNIT CONTROLLER.
FAILURE TO START
ROOM HIGH LIMIT

11 COMPUTER ROOM AIR CONDITIONER SEQUENCE OF OPERATION
Scale: No Scale



NOTES:
1. DRAIN PAN TO BE GALVANIZED SHEETMETAL WITH WATER-TIGHT JOINTS.
2. LOCATE 4 TO 8 INCHES (10 TO 20 CM) BELOW PIPE OR EQUIPMENT.
3. SUPPORT PAN AT WALL AND WITH 1" (2.5 CM) WIDE STRAPS OR WIRES ATTACHED TO STRUCTURE.
4. WIDTH AND LENGTH SHALL BE A MINIMUM OF 2 INCHES (5 CM) LONGER THAN THE EQUIPMENT SIZE.
5. WATER DETECTOR SHALL ALARM TO THE BUILDING AUTOMATION SYSTEM (BAS). BAS SHALL SHOW ROOM LOCATION WITH ALARM.

4 SPLIT SYSTEM INDOOR UNIT WITH DRAIN PAN DETAIL
Scale: No Scale

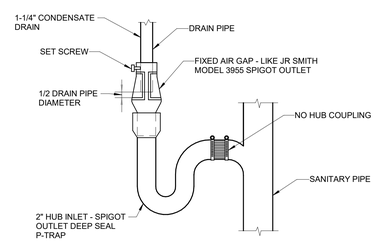


NOTES:
1. DRAIN PAN TO BE GALVANIZED SHEETMETAL WITH WATER-TIGHT JOINTS.
2. LOCATE DRAIN PAN 4 TO 8 INCHES (10 TO 20 CM) BELOW PIPE OR EQUIPMENT.
3. SUPPORT PAN AT WALL AND WITH 1" (2.5 CM) WIDE STRAPS OR WIRES ATTACHED TO STRUCTURE.
4. WIDTH AND LENGTH SHALL BE A MINIMUM OF 2 INCHES (5 CM) LONGER THAN THE EQUIPMENT SIZE.
5. WATER DETECTOR SHALL ALARM TO THE BUILDING AUTOMATION SYSTEM (BAS). BAS SHALL SHOW ROOM LOCATION WITH ALARM.

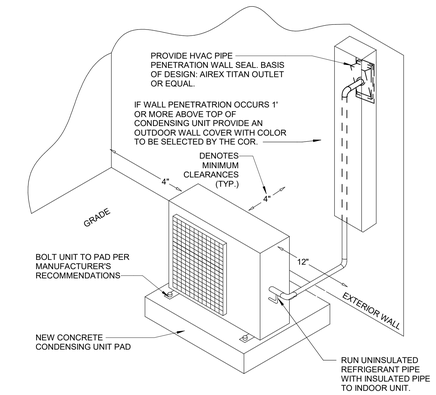
5 DRAIN PAN DETAIL
Scale: No Scale

	HARDWARE POINTS				SOFTWARE POINTS						
POINT NAME:	AI	AO	BI	BO	AV	BV	LOOP	SCHED	TREND	ALARM	SHOW ON GRAPHIC
WATER DETECTION ALARM			X							X	X
	0	0	1	0	0	0	0	0	1	1	1
TOTAL HARDWARE (1)					TOTAL SOFTWARE (2)						

6 DRAIN PAN POINTS LIST
Scale: No Scale

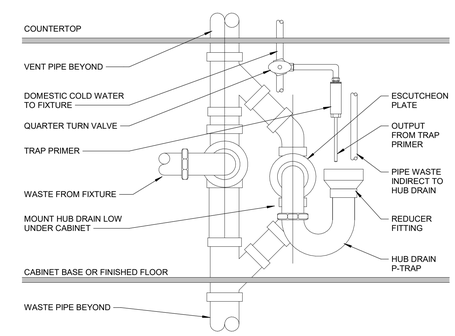


7 CONDENSATE DRAIN FIXED AIR GAP DETAIL
Scale: No Scale

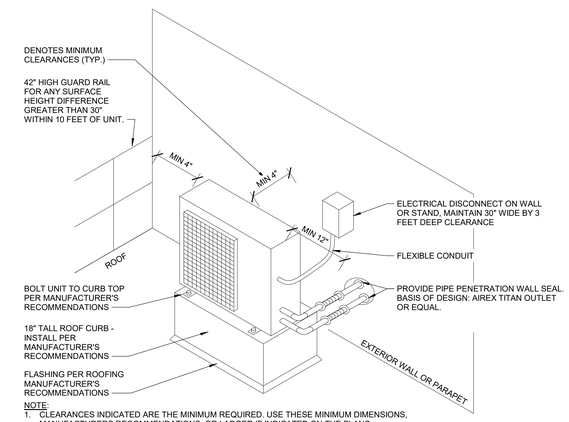


NOTE:
CLEARANCES INDICATED IN THIS ARE MINIMUM REQUIRED. USE THESE MINIMUM DIMENSIONS, MANUFACTURES RECOMMENDATIONS, OR LARGER IF INDICATED ON PLANS.

1 CONDENSING UNIT INSTALLATION DETAIL - ON GRADE
Scale: No Scale



2 HUB DRAIN DETAIL
Scale: No Scale



NOTE:
1. CLEARANCES INDICATED ARE THE MINIMUM REQUIRED. USE THESE MINIMUM DIMENSIONS, MANUFACTURERS RECOMMENDATIONS, OR LARGER IF INDICATED ON THE PLANS.

3 CONDENSING UNIT INSTALLATION DETAIL - ON ROOF CURB
Scale: No Scale

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: MECHANICAL AND PLUMBING DETAILS

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: SWR | Drawn: AV

VA PROJECT NUMBER: 502-21-222

Building Number: # VARIOUS

Drawing Number: MP503

Dwg. 61 of 62

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VRV- AIR-COOLED CONDENSING UNIT SCHEDULE

TAG	BASIS OF DESIGN (DAIKIN)	NOMINAL TONNAGE	DESCRIPTION	COOLING CAPACITY		HEATING CAPACITY		CONNECTION RATIO (%)	ELECTRICAL												EFFICIENCY (NonDucted/Ducted)				NOTES
									VOLTAGE-PHASE	MIN CIRCUIT AMPS (MCA)			MAX OVERCURRENT PROTECTION (MOP)			RUNNING CURRENT(RLA)								
				BTU/h	AMBIENT DESIGN (°F DB)	BTU/h	AMBIENT DESIGN (°F DB / WB)			mod #1	mod #2	total	mod #1	mod #2	total	mod #1	mod #2	total	EER	IEER	COP47	COP17	
07-A-CU-1	RXYQ360TAYDA	30	Air cooled heat pump (2)	264,045	91.2	295000	16.2 / 11.8	97	208V 3ph	59.8	54.9	114.7	60.0	60.0	120.0	33.2	32.5	65.7	11 / 10.1	20.4 / 18.5	3.5 / 3.2	2.1 / 2.1	
09-A-CU-1	RXYQ96TAYDA	8	Air cooled heat pump (1)	82000	91.2	79,516	16.2 / 11.8	75.0	208V 3ph	34.1		34.1	35.0		35.0	15.2		15.2	14.3 / 12.6	27.3 / 22.5	4.21 / 3.49	2.71 / 2.48	

VRV- INDOOR UNIT SCHEDULE

TAG	ROOM	BASIS OF DESIGN (DAIKIN)	NOMINAL TONNAGE	TYPE	CONNECTED TO:	SUPPLY FAN	COOLING CAPACITY				HEATING CAPACITY		ELECTRICAL			NOTES
					CONDENSING UNIT	AIR FLOW RATE cfm	TOTAL BTU/h	SENSIBLE BTU/h	ENTERING AIR °F DB	ENTERING AIR °F WB	TOTAL BTU/h	ENTERING AIR °Fdb	POWER SUPPLY Voltage - Phase	Min Circuit Amps MCA	Max Overcurrent Protection MOP	
07-B-EU-1	TR 017	FXAQ24PVJU	2.0	Wall Mounted Unit	07-A-CU-1	635	18,960	16,056	75.0	61.2	27,335	68.0	208-230V 1ph	0.6	15.0	
07-1-EU-1	TR 1A-184A	FXAQ24PVJU	2.0	Wall Mounted Unit	07-A-CU-1	635	18,960	16,056	75.0	61.2	27,335	68.0	208-230V 1ph	0.6	15.0	
07-1-EU-2	TR 1A-184A	FXAQ24PVJU	2.0	Wall Mounted Unit	07-A-CU-1	635	18,960	16,056	75.0	61.2	27,335	68.0	208-230V 1ph	0.6	15.0	
07-1-EU-3	TR 1A-117	FXAQ24PVJU	2.0	Wall Mounted Unit	07-A-CU-1	635	18,960	16,056	75.0	61.2	27,335	68.0	208-230V 1ph	0.6	15.0	
07-1-EU-4	TR 1A-117	FXAQ24PVJU	2.0	Wall Mounted Unit	07-A-CU-1	635	18,960	16,056	75.0	61.2	27,335	68.0	208-230V 1ph	0.6	15.0	
07-2-EU-1	TR 267A	FXHQ36MVJU	3.0	Ceiling Suspended Unit	07-A-CU-1	830	28,483	22,827	75.0	61.2	41,748	68.0	208-230V 1ph	1.4	15.0	
07-2-EU-2	TR 2M4	FXHQ36MVJU	3.0	Ceiling Suspended Unit	07-A-CU-1	830	28,483	22,827	75.0	61.2	41,748	68.0	208-230V 1ph	1.4	15.0	
07-3-EU-1	TR 373D	FXHQ36MVJU	3.0	Ceiling Suspended Unit	07-A-CU-1	830	28,483	22,827	75.0	61.2	41,748	68.0	208-230V 1ph	1.4	15.0	
07-3-EU-2	TR 3M4	FXHQ36MVJU	3.0	Ceiling Suspended Unit	07-A-CU-1	830	28,483	22,827	75.0	61.2	41,748	68.0	208-230V 1ph	1.4	15.0	
07-4-EU-1	TR 402	FXAQ24PVJU	2.0	Wall Mounted Unit	07-A-CU-1	635	18,960	16,056	75.0	61.2	27,335	68.0	208-230V 1ph	0.6	15.0	
07-4-EU-2	TR 402	FXAQ24PVJU	2.0	Wall Mounted Unit	07-A-CU-1	635	18,960	16,056	75.0	61.2	27,335	68.0	208-230V 1ph	0.6	15.0	
07-4-EU-3	TR 444A	FXHQ36MVJU	3.0	Ceiling Suspended Unit	07-A-CU-1	830	28,483	22,827	75.0	61.2	41,748	68.0	208-230V 1ph	1.4	15.0	
09-1-EU-1	TR 135	FXHQ36MVJU	3.0	Ceiling Suspended Unit	07-A-CU-1	830	28,483	22,827	75.0	61.2	41,748	68.0	208-230V 1ph	1.4	15.0	
09-2-EU-1	TR 218	FXHQ36MVJU	3.0	Ceiling Suspended Unit	07-A-CU-1	830	28,483	22,827	75.0	61.2	41,748	68.0	208-230V 1ph	1.4	15.0	
09-3-EU-1	TR 315	FXHQ36MVJU	3.0	Ceiling Suspended Unit	07-A-CU-1	830	28,483	22,827	75.0	61.2	41,748	68.0	208-230V 1ph	1.4	15.0	

REMARKS:
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE WITH STANDARD WALL THERMOSTAT AND FILTER ALONG WITH CONDENSATE PUMP.

DUCTLESS SPLIT SYSTEM SCHEDULE

INDOOR UNIT									OUTDOOR UNIT								REMARKS
MARK	LOCATION	AIRFLOW	FULL LOAD CAPACITY	EAT (DEGREES F)	ELECTRICAL				MARK	LOCATION	COMPRESSOR TYPE	ELECTRICAL					
		CFM	TONS		MCA	MOCP	VOLTS	PHASE				MCA	MOCP	VOLTS	PHASE		
01-1-DAC-1	TR 103	915-742-572	3	80	FROM OUTDOOR UNIT				01-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
01-2-DAC-1	TR 202	700-635-570	3	80	FROM OUTDOOR UNIT				01-1-CU-2	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
02-1-DAC-1	TR 133	700-635-570	3	80	FROM OUTDOOR UNIT				02-1-CU-1	ROOF	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
02-2-DAC-1	TR 256	700-635-570	3	80	FROM OUTDOOR UNIT				02-1-CU-2	ROOF	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
02-3-DAC-1	TR 359	700-635-570	3	80	FROM OUTDOOR UNIT				02-1-CU-3	ROOF	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
02-4-DAC-1	TR 424	700-635-570	2	80	FROM OUTDOOR UNIT				02-1-CU-4	ROOF	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
03-1-DAC-1	TR 105	700-635-570	3	80	FROM OUTDOOR UNIT				03-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
03-2-DAC-1	TR 205	700-635-570	3	80	FROM OUTDOOR UNIT				03-2-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
03-3-DAC-1	TR 305	700-635-570	3	80	FROM OUTDOOR UNIT				03-3-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
04-1-DAC-1	TR 102E	700-635-570	3	80	FROM OUTDOOR UNIT				04-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
05-B-DAC-1	TR GO6A	700-635-570	2	80	FROM OUTDOOR UNIT				05-B-CU-B	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
05-1-DAC-1	TR 110A	700-635-570	2	80	FROM OUTDOOR UNIT				05-B-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
05-2-DAC-1	TR 212C	700-635-570	2	80	FROM OUTDOOR UNIT				05-B-CU-2	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
06-B-DAC-1	TR 008	700-635-570	3	80	FROM OUTDOOR UNIT				06-B-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
06-B-DAC-2	TR 101	700-635-570	3	80	FROM OUTDOOR UNIT				06-B-CU-2	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
06-B-DAC-3	TR 201	700-635-570	3	80	FROM OUTDOOR UNIT				06-B-CU-3	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
06-B-DAC-4	TR 310	700-635-570	3	80	FROM OUTDOOR UNIT				06-B-CU-4	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
07-1-DAC-1	TR D-33	700-635-570	2	80	FROM OUTDOOR UNIT				07-1-CU-1	FIRST FLOOR ROOF	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
07-1-DAC-2	TR D-33	700-635-570	2	80	FROM OUTDOOR UNIT				07-1-CU-2	FIRST FLOOR ROOF	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
8-1-DAC-1	TR 105C	700-635-570	2	80	FROM OUTDOOR UNIT				8-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
13-1-DAC-1	TR 6	700-635-570	2	80	FROM OUTDOOR UNIT				13-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
14-1-DAC-1	TC ROOM 1A107	700-635-570	2	80	FROM OUTDOOR UNIT				14-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
15-1-DAC-1	TR 7F	700-635-570	2	80	FROM OUTDOOR UNIT				15-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
16-1-DAC-1	TR 110B	700-635-570	2	80	FROM OUTDOOR UNIT				16-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
45-1-DAC-1	TR 170	700-635-570	3	80	FROM OUTDOOR UNIT				45-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
45-1-DAC-2	TR 173	700-635-570	2	80	FROM OUTDOOR UNIT				45-2-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
45-2-DAC-1	TR 272	700-635-570	3	80	FROM OUTDOOR UNIT				45-1-CU-2	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
45-2-DAC-2	TR 268	700-635-570	3	80	FROM OUTDOOR UNIT				45-2-CU-2	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
46-3-DAC-1	TR 302	700-635-570	2	80	FROM OUTDOOR UNIT				46-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
49-1-DAC-1	TR 166	700-635-570	3	80	FROM OUTDOOR UNIT				49-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
136-1-DAC-1	TR 32	700-635-570	2	80	FROM OUTDOOR UNIT				136-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
142-1-DAC-1	TE ROOM 15	700-635-571	2	80	FROM OUTDOOR UNIT				142-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
147-1-DAC-1	TR 102E	700-635-570	2	80	FROM OUTDOOR UNIT				147-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6
171-1-DAC-1	TR 108	700-635-570	2	80	FROM OUTDOOR UNIT				171-1-CU-1	GROUND	DC INVERTER TWIN ROTARY	19	25	208	1		1, 2, 3, 4, 5, 6

REMARKS:
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE WITH STANDARD WALL THERMOSTAT AND FILTER ALONG WITH CONDENSATE PUMP.
3. INDOOR UNIT POWERED THROUGH CONDENSING UNIT.
4. CAPACITY BASED ON 95°F OUTDOOR TEMPERATURE.
5. ALLOWABLE REFRIGERANT PIPING LENGTH SHALL BE A MINIMUM OF 225 FEET
6. PROVIDE LOW AMBIENT KIT FOR COOLING OPERATION DOWN TO -10 DEG. F.

COMPUTER ROOM AIR CONDITIONING

INDOOR UNIT					ELECTRICAL				OUTDOOR UNIT			ELECTRICAL				REMARKS
MARK NO.	LOCATION	AIRFLOW (CFM)	FULL LOAD CAPACITY (TONS)	ENTERING AIR TEMPERATURE (DEGREES F)	MCA	MOCP	VOLTS	PHASE	MARK NO.	LOCATION	COMPRESSOR TYPE	MCA	MOCP	VOLTS	PHASE	
07-EVAP-1	MCR	5,200	10.0	95	88.50	90	208	3	07-COND-1	OUTSIDE OF BUILDING	DIGITAL SCROLL	9.50	15	208	3	1, 2, 3, 4, 5

REMARKS:
1. BASIS OF DESIGN IS LIEBERT VERTIV DS035AUC0CE1021A INTERIOR UNIT AND DCD205-Y EXTERIOR UNIT.
2. PROVIDE WITH HUMIDIFIER 10 LBS/HR.
3. PROVIDE WITH MINIMUM 12 KW ELECTRIC REHEAT.
4. PROVIDE REFRIGERANT LEAK DETECTION SYSTEM. PROVIDE WITH MANUFACTURER'S CONTROLS.
5. FOR INDOOR UNIT. PROVIDE WITH MANUFACTURERS STAND. SECURE STAND TO CONCRETE FLOOR BELOW. ENSURE UNIT IS LEVEL WITH COMPUTER ROOM RAISED FLOOR.

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#	Revisions:	Date

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL SCHEDULES

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: SWR | Drawn: AV

Drawing Number: MP601

Dwg. 62 of 62

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