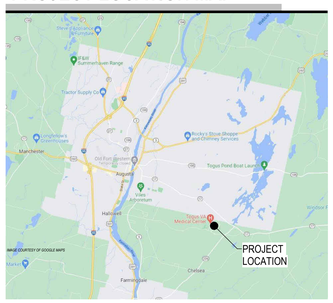
VA MAINE HEALTHCARE SYSTEM
ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM)
INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NO. 402-22-700
CONTRACT NO. 36C77623C0002
100% CONSTRUCTION DOCUMENTS (CD) SUBMITTAL

VA MAINE HEALTHCARE SYSTEM
1 VA CENTER
AUGUSTA, ME 04330

VOLUME 4

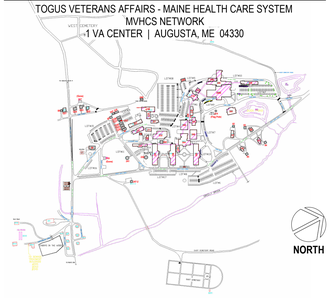
ELECTRICAL - FIRE PROTECTION

PROJECT LOCATION MAP



PROJECT KEY PLAN

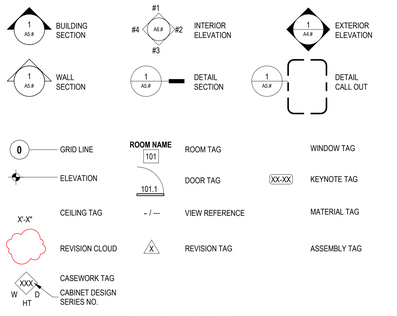
TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK
1 VA CENTER | AUGUSTA, ME 04330



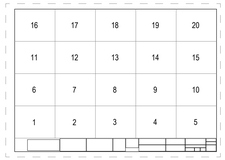
ARCHITECTURAL ABBREVIATIONS

AB	ANCHOR BOLT
ABV	ABOVE
A/C	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADDL	ADDITIONAL
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ARCH	ARCHITECT(URAL)
AWN	AWNING
B/	BOTTOM OF
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM OR BENCHMARK
BRG	BEARING
BTWN	BETWEEN
BUR	BUILT-UP ROOF
CAB	CABINET
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CG	CORNER GUARD
CPT	CARPET
CSMT	CASEMENT
CT	CERAMIC TILE
D	DEEP
DF	DRINKING FOUNTAIN
DH	DOUBLE HUNG
DIM(S)	DIMENSIONS
DISP	DISPENSER
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
E	EAST
EA	EACH
EC	EXISTING COLUMN
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
EL	ELEVATION
ELEV	ELEVATOR
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION OR EXPOSED
EXT	EXTERIOR
FACP	FIRE ALARM CONTROL PANEL
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
F.F.	FINISH FLOOR
FIN	FINISH
FIXT	FIXTURE
FLR	FLOOR
FND	FOUNDATION
FP	FIRE PROTECTION
FR	FRAME
FRMG	FRAMING
FT	FEET/FOOT OR FIRE TREATED
FTG	FOOTING
FTWG	FOOTING
FRP	FIBERGLASS REINFORCED PANEL
FRT	FIRE RETARDANT TREATED
GA	GAUGE
GALV	GALVANIZED
GB	GYPSUM BOARD
GC	GENERAL CONTRACTOR
GL	GLASS, GLAZING
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
HC	HANDICAP
HDR	HEADER
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTD	HEATED
HVAC	HEATING/VENTILATION & AIR CONDITIONING
ID	INSIDE DIAMETER
INFO	INFORMATION
ISO	ISOCYANURATE
INSUL	INSULATE / INSULATED / INSULATION
INT	INTERIOR
INV	INVERT
JT	JOINT
J-BOX	JUNCTION BOX
KIT	KITCHEN
L	LONG / LENGTH
LAM	LAMINATE(D)
LAV	LAVATORY
LF	LINEAR FEET
LT	LIGHT
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANIC(AL)
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
N	NORTH
N/C	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER OR OVERFLOW DRAIN
OPNG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
OVHD	OVERHEAD
PL	PLATE
PLAM	PLASTIC LAMINATE
PLUMB	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
POLY	POLYESTER OR POLYOLEFIN
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED OR POINT
PVMT	PAVEMENT
QT	QUARRY TILE
QTR	QUARTER
QTY	QUANTITY
R	RADIUS
RA	RETURN AIR
RB	RUBBER BASE
RD	ROOF DRAIN
RECY	RECYCLE(D)
REF	REFERENCE
REFRIG	REFRIGERATOR OR REFRIGERATION
REINF	REINFORCE
REQD	REQUIRED
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
S	SOUTH
SC	SOLID CORE
SCH	SCHEDULE
SCHED	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
SFRM	SPRAY APPLIED FIRE RESISTIVE MATERIAL
SGL	SINGLE
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SPECS	SPECIFICATIONS
SOD	SLAB ON DECK
SOG	SLAB ON GRADE
SOH	SAME OPPOSITE HAND
SS	STAINLESS STEEL
ST	STONE TILE
STD	STANDARD
STND	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
TEMP	TEMPERED
THK	THICK
THRESH	THRESHOLD
T.O.	TOP OF
TOBM	TOP OF BEAM
T.O.BM.	TOP OF BEAM
T.O.P.	TOP OF PLATE
T.O.S.	TOP OF STEEL
T/	TOP OF
T&G	TONGUE AND GROOVE
TEL	TELEPHONE
THK	THICK
TRANS	TRANSOM
TV	TELEVISION
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VENEER PLASTER
VR	VAPOR RETARDER
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	WIDE OR WEST
W/	WITH
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WG	WALL GUARD
WH	WATER HEATER
W/IN	WITHIN
W/O	WITHOUT
WP	WATERPROOF
WR	WATER RESISTANT
WT	WEIGHT
WWF	WELDED WIRE FABRIC
#	NUMBER OR POUND
@	AT

EXPLANATION OF SYMBOLS



TYPICAL SHEET VIEW NUMBERING LAYOUTS



ARCH E1 (30"x42")
NUMBERING STARTS IN BOTTOM LEFT CORNER, MOVING UPWARDS, SKIPPING NONE

GENERAL PROJECT NOTES

1. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATION AND RELATED CONTRACT DOCUMENTS, VISIT SITE OF WORK, AND FULLY INFORM THEMSELVES AS ALL EXISTING CONDITIONS, FACILITIES, RESTRICTIONS AND OTHER MATTERS WHICH CAN AFFECT THE WORK, IN TIMELINE, QUALITY OR COST THEREOF; FAILURE OR OMISSION OF ANY CONTRACTOR TO VISIT THE SITE AND ACQUAINT THEMSELVES WITH THE EXISTING CONDITIONS, SHALL IN NO WAY RELIEVE THEM FROM ANY OBLIGATION WITH RESPECT TO THEIR CONTRACT AND NO EXTRA TIME OR COMPENSATION WILL BE ALLOWED BY REASON OF ANY THING OR MATTER CONCERNING WHICH THE CONTRACTOR COULD HAVE FULLY INFORMED THEMSELVES PRIOR TO BIDDING. GENERAL CONTRACTOR SHALL COORDINATE ALL ASPECTS OF THE BUILDING CONSTRUCTION.
2. THE CONTRACTOR SHALL NOT CONSIDER CONSTRUCTION NOTES TO BE ALL-INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE CONTRACT DOCUMENTS. CONTRACTOR SHALL COORDINATE ARCHITECTURAL CONSTRUCTION DRAWING AND NOTES WITH CIVIL, STRUCTURAL AND MECHANICAL, ELECTRICAL & PLUMBING NOTES AND DRAWINGS.
3. THE DRAWINGS SHALL BE WORKED IN CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS AND CONDITIONS OF THE PROJECT INCLUDED IN THE PROJECT MANUAL WHICH FORM A PART OF THE CONTRACT DOCUMENTS AND CONTAINS ADDITIONAL INFORMATION REQUIRED TO CONSTRUCT THE WORK OF THIS CONTRACT. IN THE EVENT OF A CONFLICT BETWEEN THE DRAWINGS AND THE SPECIFICATION NOTIFY THE COR FOR CLARIFICATION SEVEN DAYS BEFORE BEGINNING WORK ON THE AFFECTED ACTIVITIES.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO THE START OF THE WORK. NOTIFY THE COR OF ANY SIGNIFICANT CHANGES IN DIMENSIONS OR CONDITIONS.
5. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, TOOLS, EQUIPMENT AND NECESSARY FACILITIES, AND PERFORM ALL LABOR AND SERVICES OF EVERY DESCRIPTION AS REQUIRED TO COMPLETE THE SCOPE OF WORK DEFINED ON THE DRAWINGS AND SPECIFICATIONS WITHIN THE AGREED TIMELINES.
6. THE CONTRACTOR SHALL ARRANGE FOR AND OBTAIN ALL VA ISSUED PERMITS (HOTWORK, ICRA, WEEKENDS, HOLIDAYS, SHUTDOWN, ETC), CERTIFICATES, INSPECTIONS, DEPARTMENT APPROVAL, ETC. FOR WORK PERFORMED UNDER THIS CONTRACT. PROVIDE COPIES OF ALL REQUIRED PERMITS, CERTIFICATES, INSPECTIONS AND AGENCY APPROVALS TO THE COR PRIOR TO THE COMMENCEMENT OF THE SCOPE.
7. FABRICATE AND INSTALL ALL WORK IN STRICT ACCORDANCE WITH THE SPECIFICATIONS, ALL APPLICABLE STATE AND LOCAL CODES, AND THE GENERAL AND SUPPLEMENTARY CONDITIONS OF THE CONTRACT.
8. U.L. ASSEMBLIES DESCRIBED ARE FOR REFERENCE ONLY. THE GENERAL CONTRACTOR SHALL COORDINATE AND VERIFY THE INSTALLATION OF THE DESCRIBED SYSTEM(S) .
9. ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR THE PROPER PERFORMANCE OF THEIR WORK, COORDINATING WITH OTHER TRADES, MEANS AND METHODS OF CONSTRUCTION, SAFETY AND SECURITY ON SITE.
10. CUTTING AND PATCHING SHALL BE PERFORMED BY EACH TRADE AS NECESSARY FOR THE PERFORMANCE AND INSTALLATION OF THE WORK. CUTTING AND PATCHING SHALL BE PERFORMED IN A WORKMANLIKE MANNER CONSISTENT WITH INDUSTRY STANDARDS FOR FINISHES AND SUBSTRATES AFFECTED.
11. THE CONTRACTOR SHALL PROTECT THE FACILITY FROM WEATHER AND MAINTAIN SECURITY DURING ALL CONSTRUCTION WORK.
12. PROTECT EXISTING PROPERTY DURING CONSTRUCTION. REPAIR OR REPLACE, AT THE DISCRETION AND TO THE SATISFACTION OF THE COR, WITHOUT ADDITIONAL CHARGE TO THE OWNER, ANY EXISTING WORK DAMAGED DURING THE COURSE OF CONSTRUCTION.
13. THE WORK SHALL BE COORDINATED IN GOOD FAITH WITH THE COR AND ALL GOVERNMENT EMPLOYEES 14 DAYS IN ADVANCE OF BEGINNING EACH CONSTRUCTION ACTIVITY.
14. UNLESS ITEMS OF MATERIAL, EQUIPMENT OR WORK ARE SPECIFICALLY NOTED TO BE PROVIDED OR FURNISHED BY OTHERS, THEY SHALL BE PROVIDED UNDER THIS CONTRACT BY THE CONTRACTOR.
15. ALL WORK SHALL BE PERFORMED BY SKILLED WORKERS IN A WORKMANLIKE AND PROFESSIONAL MANNER CONSISTENT WITH INDUSTRY STANDARDS AND OR AS DIRECTED BY THE COR.
16. THE CONTRACTOR SHALL LEAVE THE SITE AND ALL BUILDINGS AND STRUCTURES IN PROPER WORKING ORDER AND SHALL, WITHOUT ADDITIONAL CHARGE, REPLACE ANY WORK, MATERIALS, OR EQUIPMENT FURNISHED AND INSTALLED UNDER THE CONTRACT WHICH DEVELOPS DEFECTS, DUE TO A POSSIBLE WORKMANSHIP ISSUE, WITHIN ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER. THIS IS NOT TO LIMIT OR EXCLUDE ANY OTHER WARRANTY OR WARRANTY PERIOD OTHERWISE DESCRIBED.
17. CONTRACTOR SHALL SCHEDULE, COORDINATE, AND FACILITATE ALL POWER, WATER, OR TELECOMMUNICATION OUTAGES AND SHUTDOWNS. ALL OUTAGES AND SHUTDOWNS MUST BE SCHEDULED WITH THE COR ONE (1) WEEK PRIOR TO OUTAGE.
18. FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO REGULATED MATERIALS ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, EQUIPMENT, AND ALL OTHER EXISTING SYSTEMS. MAKE NECESSARY PROVISIONS TO MAINTAIN THE INTEGRITY OF SAID SYSTEMS PRIOR TO THE COMMENCEMENT OF DEMOLITION, IF ANY. SEE MECHANICAL, ELECTRICAL, TELECOMMUNICATIONS, AND ARCHITECTURAL DRAWINGS FOR ANY SYSTEM OR PORTIONS THEREOF TO BE REMOVED, RELOCATED, REVISED OR ABANDONED.
19. ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED AT NO EXPENSE TO THE OWNER.
20. ALL REQUIRED EXITS FROM OCCUPIED PORTIONS OF THE BUILDING MUST BE MAINTAINED AT ALL TIMES. ESTABLISH PROCEDURES TO MINIMIZE CIRCULATION OF CONSTRUCTION PERSONNEL AND MATERIALS THROUGH OCCUPIED PORTIONS OF THE BUILDING. KEEP ALL AREAS ADJACENT TO THE WORK AREA CLEAN.
21. PRIOR TO DELIVERY OF MATERIALS TO THE CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM THE SITE, VERIFY WITH THE COR FOR AN ACCEPTABLE ACCESS ROUTE AND TIME. UNDER NO CIRCUMSTANCES SHALL ANY AREA OUTSIDE THE CONSTRUCTION ZONE BE USED WITHOUT PRIOR WRITTEN APPROVAL FROM THE COR. ALL BUILDING INTERIOR STAGING AREAS SHALL BE PROTECTED WITH FIRE RESISTANT PLYWOOD ENCLOSURES. ALL TRASH SHALL BE REMOVED FROM THE BUILDING DAILY. CONSTRUCTION MATERIALS SHALL NOT BE STORED IN CORRIDORS OR ANY OTHER UNAUTHORIZED LOCATION AT ANY TIME.
22. FIELD VERIFY ALL EXISTING DIMENSIONS, SERVICES, AND POINTS OF CONNECTION PRIOR TO START OF WORK.
23. THE DESIGN ADEQUACY, SAFETY, AND ERECTION OF BRACING, SHORING, SCAFFOLDING, AND TEMPORARY SUPPORTS AND RESTRAINS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
24. NOTIFY THE FACILITY OF TIMES WHEN THE CONSTRUCTION NOISE WILL EXCEED 80 DECIBELS . RESCHEDULE SUCH WORK IF SO REQUIRED BY THE FACILITY.
25. NOTIFY THE COR OF ANY DISCREPANCIES DISCOVERED IN THE FIELD THAT REQUIRE CORRECTIVE ACTION PRIOR TO TAKING ANY ACTION.
26. FOR EXISTING FLOORS, CEILINGS, PARTITIONS, AND SERVICES TO REMAIN, PROTECT ALL FINISHES AND MATERIALS, AND REPAIR OR REPLACE ALL ITEMS THAT ARE DAMAGED OR SOILED DURING THE COURSE OF CONSTRUCTION. ALL FINISHES AND MATERIALS SHALL BE PROPERLY INTEGRATED TO CONSTITUTE A UNIFORM APPEARANCE AND SEAMLESS TRANSITION.
27. ALL ITEMS TO BE REMOVED AND REPLACED SHALL BE HANDLED WITH PROPER CARE AND STORED IN SUCH A MANNER AS TO PREVENT DAMAGE; WHEN DAMAGED, REPLACE AT NO EXPENSE TO THE OWNER.
28. ALL EQUIPMENT AND PIPING SHALL BE SUPPORTED OR BRACED IN ACCORDANCE WITH PROVISIONS OF THE TECHNICAL SPECIFICATIONS.
29. ALL DRAWINGS, THOUGH NOTED TO SCALE, ARE FOR ILLUSTRATION ONLY. DO NOT SCALE THE DRAWINGS. FIELD VERIFY ALL DIMENSIONS. ITEMS WRONGLY LOCATED BY DRAWINGS SCALING SHALL BE CORRECTED.
30. SIGNAGE CONSTRUCTION, FONT AND SIZE SHALL BE CONSISTENT WITH THE FACILITY'S EXISTING SIGNAGE SYSTEMS. REFER TO SPECIFICATIONS FOR CODE REQUIRED SIGNAGE. PROVIDE ADDITIONAL SIGNAGE AS MAY BE REQUIRED BY REQUEST OF THE FIRE MARSHAL AND/OR BUILDING CODE OFFICIAL OR COR.
31. EXERCISE CARE DURING CONSTRUCTION TO MINIMIZE DISRUPTION OF THE MEDICAL CENTER ROUTINE, COORDINATE SEQUENCE OF WORK AND PHASING WITH THE COR TO MINIMIZE DISRUPTION OF THE MEDICAL CENTER. MANY OF THE WORK ITEMS REQUIRE THE WORK TO BE PERFORMED ONLY AT NIGHT, WEEKENDS, OR HOLIDAYS WITH PRIOR APPROVAL OF THE COR AT NO ADDITIONAL COST TO THE GOVERNMENT.
32. PRIOR TO DRILLING OR CORING EXISTING CONCRETE, CONTRACTOR SHALL LOCATE EXISTING REINFORCEMENT TO MAINTAIN ADEQUATE CLEARANCES FROM AND AVOID DAMAGE TO EXISTING REINFORCEMENT. CONTRACTOR SHALL USE NON-DESTRUCTIVE TESTING (NDT) TO LOCATE REINFORCEMENT. WHENEVER FEASIBLE, CONTRACTOR SHALL USE GROUND PENETRATING RADAR (GPR) OR MEANS OTHER THAN X-RAY. WHERE X-RAY IS REQUIRED, CONTRACTOR SHALL PROVIDE WRITTEN REQUEST AT LEAST THREE (3) WEEKS PRIOR TO EVENT: WORK MAY BE REQUIRED TO BE PERFORMED OUTSIDE NORMAL WORK HOURS AND SHALL BE DOCUMENTED ON THE THREE (3) WEEK LOOK-AHEAD SCHEDULE.
33. PROTECT EXISTING FIRE SUPPRESSION SYSTEMS DURING CONSTRUCTION.
34. IN THE EVENT THE CONTRACTOR DISCOVERS HAZARDOUS MATERIALS WHICH ARE NOT AVOIDABLE BY REROUTING THE WORK AND HAVE NOT BEEN DESCRIBED IN THE CONTRACT, THE CONTRACTOR IS TO NOTIFY THE COR AND THE A/E FOR DIFFERING SITE CONDITION ACKNOWLEDGEMENT. REMEDIATION WOULD BE COMPENSATED BY ADDITIONAL MONEY AND ADDITIONAL TIME FOR CRITICAL PATH ACTIVITIES.
35. CONTRACTOR SHALL PROVIDE STAFF THAT WILL UNDERGO TRAINING AND CERTIFICATION TO ALLOW UN-ESCORTED ACCESS TO IT CLOSETS. THE CONTRACTOR SHALL CERTIFY SUFFICIENT NUMBER OF STAFF TO ACCOMMODATE PROPOSED SCHEDULE WITHOUT RELYING ON VA STAFF TO ACCOMPANY AS ESCORTS. THIS WILL REQUIRE PIV BADGING REQUIREMENT INCLUDING BACKGROUND INVESTIGATIONS. SEE "CONTRACTOR BACKGROUND INVESTIGATIONS REQUEST" FORM. COORDINATE WITH CO/CS REGARDING SUBMITTING THE FORM.
36. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND COORDINATING ANY REQUIRED THIRD PARTY INSPECTORS.

PROJECT DESCRIPTION

THE SCOPE OF THIS PROJECT INCLUDES BUT NOT LIMITED TO THE FOLLOWING INFRASTRUCTURE IMPROVEMENTS: ELECTRICAL (ELECTRICAL PANEL UPGRADE, POWER (NORMAL, EMERGENCY)), BONDING, UPS, BUILDING MANAGEMENT SYSTEM INTERFACES, ASSESS FOR NEW AND UPGRADES TO EXISTING HVAC, RECONFIGURATION, EXPANSION AND RENOVATION OF EXISTING SPACE (DEMO, NEW CONSTRUCTION, FINISHES), COMMUNICATION INFRASTRUCTURE (NEW DATA OUTLETS, PATCH PANELS, UPGRADE TO CAT 6A CABLE) IN BUILDINGS AS NECESSARY, PHYSICAL SECURITY UPGRADES, ASSESS AND UPGRADE FIBER INFRASTRUCTURE BACKBONE CAMPUS WIDE WITHIN BUILDINGS AND BETWEEN BUILDINGS, HAZARDOUS MATERIAL ABATEMENT. PROJECT BUILDING LOCATIONS INCLUDE: BUILDINGS 141, SADIE, 154A, MADISON, 115, 169, 154, 170, 171, 16, 20 AND SITE.

BASIC DEFINITIONS

"OWNER": THE OWNER IS UNITED STATES GOVERNMENT - DEPT. OF VETERANS AFFAIRS AND IS REFERRED TO THROUGHOUT THE CONTRACT DOCUMENTS AS IF SINGULAR IN NUMBER. THE TERM "OWNER" MEANS THE OWNER OR THE OWNER'S CONTRACTING OFFICER'S AUTHORIZED REPRESENTATIVE.

"CONTRACTING OFFICER" OR "C.O.": THE OWNER'S AUTHORIZED REPRESENTATIVE RESPONSIBLE FOR ADMINISTRATING THE CONTRACT BETWEEN THE GENERAL CONTRACTOR AND OWNER. THE TERM INCLUDES CERTAIN AUTHORIZED REPRESENTATIVES OF THE CONTRACTING OFFICER ACTING WITHIN THE LIMITS OF THEIR AUTHORITY AS DELEGATED BY THE CONTRACTING OFFICER.

"CONTRACTING OFFICER'S REPRESENTATIVE". (COR) : MEANS THE CONTRACTING OFFICER'S AUTHORIZED REPRESENTATIVE, IN PART, RESPONSIBLE FOR MONITORING THE CONTRACTOR'S (PLURAL) PERFORMANCE.

"WORK": THE TERM "WORK" MEANS THE CONSTRUCTION AND SERVICES REQUIRED BY THE CONTRACT DOCUMENTS, WHETHER COMPLETED OR PARTIALLY COMPLETED, AND INCLUDES ALL OTHER LABOR, MATERIALS, EQUIPMENT AND SERVICES PROVIDED BY THE CONTRACTOR TO FULFILL THE CONTRACTOR'S OBLIGATIONS. THE WORK MAY CONSTITUTE THE WHOLE OR A PART OF THE PROJECT.

"PROJECT": THE TOTAL CONSTRUCTION OF WHICH THE WORK PERFORMED UNDER THE CONTRACT DOCUMENTS

"DRAWINGS", "SHOP DRAWINGS" OR "PLANS" : THE GRAPHIC AND PICTORIAL PORTIONS OF CONTRACT DOCUMENTS, WHENEVER LOCATED AND WHENEVER ISSUED, SHOWING DESIGN, LOCATION AND DIMENSIONS OF THE WORK, GENERALLY INCLUDING PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES AND DIAGRAMS.

"PROJECT SUPERVISOR" OR "SUPERVISOR" : MEANS THE ON-SITE SUPERVISION REPRESENTATIVE OF THE PROJECT.

"ARCHITECT" OR "ENGINEER": MEANS THE VA'S ARCHITECTS, ENGINEERS AND OTHER DESIGN AND ENGINEERS PROFESSIONALS FOR THIS PROJECT, AND REFERRED THROUGHOUT THE DRAWINGS AS IF SINGULAR IN NUMBER.

"TRADE CONTRACTOR" OR "CONTRACTORS" : MEANS THE ENTITY UNDER CONTRACT AGREEMENT WITH THE GENERAL CONTRACTOR TO PROVIDE THE SPECIFIED GENERAL AND OR SPECIALTY WORK IN CONNECTION WITH THIS PROJECT.

"FURNISH" OR "FURNISHED" : MEANS PROVIDING ALL MATERIALS, SHOP DRAWINGS, TRANSPORTATION, INSURANCE, FIELD MEASUREMENTS, EXPEDITING, SHIPPING, HANDLING, PACKAGING, STORAGE, TOUCH-UP MATERIALS, OWNER'S MANUALS, TRAINING AND ANY OTHER ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.

"INSTALL" OR "INSTALLED": MEANS COMPLETING ALL WORK AND COSTS ASSOCIATED WITH UNLOADING, UNPACKING, HOISTING, STORAGE, HANGERS, SUPPORTS,SLEEVES, SCAFFOLDING, COORDINATION, LAYOUT, SHOP DRAWINGS, EXCAVATION, BACKFILL, DEWATERING, INSTALLATION, CUTTING AND PATCHING, FIRESTOPPING, CLEAN-UP, INSPECTION, DOCUMENTATION, PROTECTION OF SCOPE OF WORK AND ALL ACCESSORIES, SERVICE AND FACILITIES REQUIRED FOR A COMPLETE INSTALLATION.

"PROVIDE" OR "PROVIDED": MEANS TO FURNISH AND INSTALL AND SHALL INCLUDE, WITHOUT LIMITATION, ALL LABOR, MATERIALS, EQUIPMENTS, TRANSPORTATION SERVICES, AND OTHER ITEMS REQUIRED TO COMPLETE THE REFERENCED TASK.

"BY OWNER", "BY VAMC" OR "BY VA" : MEANS ITEMS WILL BE ORDERED, PAID FOR, SHIPPED TO THE JOB SITE AND INSTALLED BY THE OWNER.

"NOT IN CONTRACT" OR "N.I.C.": MEANS MATERIALS OR EQUIPMENT NOT IN THE CONTRACT, BUT MAY REQUIRE PROVISIONS IN THE CONSTRUCTION FOR FUTURE INSTALLATION AS SPECIFIED OR SHOWN. OTHER DEFINITIONS OF WORDS AND TERMS USED IN THE DRAWINGS AND SPECIFICATIONS CAN BE FOUND IN THE LEGENDS AND SYMBOLS DRAWINGS FOR EACH DISCIPLINE AND IN DIVISION 0 AND 1 OF THE PROJECT MANUAL.

TEMPORARY FIRE & SMOKE PROTECTION

IF FLOOR OR RATED WALL PENETRATIONS CANNOT BE FIRESTOPPED AT THE END OF THE WORK SHIFT DUE TO ANY INCOMPLETE WORK, PROVIDE TEMPORARY FIRESTOPPING COMPOSED OF MINERAL WOOL SATISFYING FIRE RATING REQUIREMENTS AT PENETRATIONS

IF MULTIPLE CEILING TILES MUST BE REMOVED AND CANNOT BE REPLACED AT THE END OF THE WORK SHIFT, A 1-HOUR FIRE BARRIER WILL NEED TO BE CONSTRUCTED. IF CONTRACTOR IDENTIFIES UPCOMING WORK RESULTING IN A LONG-TERM CEILING REMOVAL, NOTIFY THE COR IMMEDIATELY WHETHER A RATED ENCLOSURE MUST BE CONSTRUCTION OR TEMPORARY UPRIGHT SPRINKLER HEADS INSTALLED. THIS WORK IS TO BE PART OF THE SUBMITTED SCOPE OF WORK.

IF FLOOR OR RATED WALL PENETRATIONS CANNOT BE FIRESTOPPED AT THE END OF THE WORK SHIFT DUE TO THE NEED TO PULL ADDITIONAL CABLES, TEMPORARY FIRESTOPPING COMPOSED OF MINERAL WOOL SHOULD BE INSTALLED IN THE PENETRATION TO PROVIDE PROTECTION AGAINST FIRE/SMOKE SPREAD THROUGH THE UNSEALED PENETRATION.

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	COVER SHEET - VOLUME 4
PHASE	100% CONSTRUCTION DOCUMENTS
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER	402-22-700
BUILDING NUMBER	GEN INFO
APPROVED:	
FLS	FULLY SPRINKLERED
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	November 10, 2025
CHECKED BY	PSS
DRAWN BY	PSS
DRAWING NUMBER	00-GI-000.V4

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TJ-028	MCR MDA HDA CABLE ONE LINE
TJ-029	TELECOMM RACK ELEVATIONS
TJ-030	TELECOMM RACK ELEVATIONS
TJ-031	TELECOMM RACK ELEVATIONS
TJ-032	TELECOMM RACK ELEVATIONS
TJ-033	TELECOMM DETAILS
TJ-034	TELECOMM DETAILS
TJ-035	TELECOMM DETAILS
TJ-036	TELECOMM MCR CABINET DETAILS
TJ-037	TELECOMM BONDING DETAILS
TJ-038	TELECOMM BONDING DETAILS
TJ-039	TELECOMM BONDING DETAILS
TJ-040	TELECOMM BONDING DETAILS
TJ-041	TELECOMM BONDING DETAILS
TJ-042	TELECOMM CABLE SCHEDULES
TJ-043	TELECOMM CABLE SCHEDULES
TJ-044	TELECOMM CABLE SCHEDULES
TJ-045	TELECOMM CABLE SCHEDULES
TJ-046	TELECOMM CABLE SCHEDULES
TJ-047	TELECOMM CABLE SCHEDULES
TJ-048	TELECOMM CABLE SCHEDULES
TJ-049	TELECOMM J-HOOK DETAILS

VOLUME 4

GENERAL INFORMATION

SHEET NO.	SHEET NAME
00-GI-000.V4	COVER SHEET - VOLUME 4
00-GI-001.V4	INDEX OF DRAWINGS - VOLUME 4

ELECTRICAL

SHEET NO.	SHEET NAME
000-EG-001	LEGEND, ABBREVIATION LIST, AND GENERAL NOTES
000-ES-001	OVERALL ELECTRICAL SITE PLAN
000-ES-002	ELECTRICAL SITE PLAN
000-ES-003	ELECTRICAL SITE PLAN
000-ES-004	ELECTRICAL SITE PLAN
000-ES-005	ELECTRICAL SITE PLAN
000-ES-006	ELECTRICAL SITE PLAN
069-ED-011	BUILDING 69 BASEMENT, LEVEL 1, & 2 DEMOLITION PLAN -BLDG. 69
069-EP-011	BUILDING 69 BASEMENT & LEVEL 1, 2 POWER PLAN -BLDG. 69
200-ED-001	BUILDING 200 GROUND LEVEL DEMOLITION PLAN -BLDG 200
200-ED-011	BUILDING 200 LEVEL 1 DEMOLITION PLAN -BLDG. 200
200-ED-021	BUILDING 200 LEVEL 2 DEMOLITION PLAN -BLDG. 200
200-ED-031	BUILDING 200 LEVEL 3 DEMOLITION PLAN -BLDG 200
200-ED-041	BUILDING 200 LEVEL 4 DEMOLITION PLAN -BLDG 200
200-ED-051	BUILDING 200 LEVEL 5 DEMOLITION PLAN -BLDG 200
200-ED-061	BUILDING 200 LEVEL 6 DEMOLITION PLAN -BLDG 200
200-EP-001	BUILDING 200 GROUND LEVEL POWER PLAN -BLDG. 200
200-EP-011	BUILDING 200 LEVEL 1 POWER PLAN -BLDG. 200
200-EP-021	BUILDING 200 LEVEL 2 POWER PLAN -BLDG. 200
200-EP-031	BUILDING 200 LEVEL 3 POWER PLAN -BLDG. 200
200-EP-041	BUILDING 200 LEVEL 4 POWER PLAN -BLDG. 200
200-EP-051	BUILDING 200 LEVEL 5 POWER PLAN -BLDG. 200
200-EP-061	BUILDING 200 LEVEL 6 POWER PLAN -BLDG. 200
200E-ED-001	BUILDING 200E GROUND LEVEL DEMOLITION PLAN -BLDG. 200E
200E-ED-011	BUILDING 200E LEVEL 1 DEMOLITION PLAN -BLDG. 200E
200E-ED-021	BUILDING 200E LEVEL 2 DEMOLITION PLAN -BLDG. 200E
200E-ED-031	BUILDING 200E LEVEL 3 DEMOLITION PLAN -BLDG 200E
200E-EP-001	BUILDING 200E GROUND LEVEL POWER PLAN -BLDG. 200E
200E-EP-011	BUILDING 200E LEVEL 1 POWER PLAN -BLDG. 200E
200E-EP-021	BUILDING 200E LEVEL 2 POWER PLAN -BLDG. 200E
200E-EP-031	BUILDING 200E LEVEL 3 POWER PLAN -BLDG. 200E
201-ED-011	BUILDING 201 & 238 BASEMENT & LEVEL 1 DEMOLITION PLAN -BLDG. 201 & 238
201-EP-011	BUILDING 201 & 238 BASEMENT & LEVEL 1 POWER PLAN -BLDG. 201 & 238
202-ED-011	BUILDING 202 LEVEL 1 DEMOL

FEEDER SCHEDULE					
1ϕ, 2W+G (3 WIRES TOTAL)			3ϕ, 4W+G (5 WIRES TOTAL)		
CKT ID	RACEWAY/WIRE	CKT AMPS	CKT ID	CONDUIT AND WIRE	CKT AMPS
[12-20]	3/4"C, 2#12, #12G	20	[34-20]	3/4"C, 4#12, #12G	20
[12-30]	3/4"C, 2#10, #10G	30	[34-30]	3/4"C, 4#10, #10G	30
[12-40]	3/4"C, 2#8, #10G	40	[34-40]	1"C, 4#8, #10G	40
[12-50]	3/4"C, 2#6, #10G	50	[34-50]	1"C, 4#6, #10G	50
[12-60]	1"C, 2#4, #10G	60	[34-60]	1-1/4"C, 4#4, #10G	60
[12-70]	1"C, 2#4, #8G	70	[34-70]	1-1/4"C, 4#4, #8G	70
[12-80]	1-1/4"C, 2#2, #8G	80	[34-80]	1-1/2"C, 4#2, #8G	80
[12-90]	1-1/4"C, 2#2, #8G	90	[34-90]	1-1/2"C, 4#2, #8G	90
[12-100]	1-1/4"C, 2#1, #8G	100	[34-100]	2"C, 4#1, #8G	100
[12-125]	1-1/4"C, 2#1, #6G	125	[34-125]	2"C, 4#1, #6G	125
[12-150]	1-1/4"C, 2#1/0, #6G	150	[34-150]	2"C, 4#1/0, #6G	150
[12-175]	1-1/2"C, 2#2/0, #6G	175	[34-175]	2"C, 4#2/0, #6G	175
[12-200]	1-1/2"C, 2#3/0, #6G	200	[34-200]	2"C, 4#3/0, #6G	200
[12-225]	2"C, 2#4/0, #4G	225	[34-225]	2-1/2"C, 4#4/0, #4G	225
[12-250]	2-1/2"C, 2-250KCM, #4G	250	[34-250]	3"C, 4-250KCM, #4G	250
[12-300]	2-1/2"C, 2-350KCM, #4G	300	[34-300]	3"C, 4-350KCM, #4G	300
[12-400]	2-SETS [2"C, 2#3/0, #3G]	400	[34-400]	2-SETS [2-1/2"C, 4#3/0, #3G]	400
3ϕ, 3W+G (4 WIRES TOTAL)			[34-500]	2-SETS [3"C, 4-250KCM, #2G]	500
CKT ID	CONDUIT AND WIRE	CKT AMPS	[34-600]	2-SETS [3"C, 4-350KCM, #1G]	600
[33-20]	3/4"C, 3#12, #12G	20	[34-700]	2-SETS [4"C, 4-500KCM, #1/0G]	700
[33-30]	3/4"C, 3#10, #10G	30	[34-800]	3-SETS [3"C, 4-300KCM, #1/0G]	800
[33-40]	3/4"C, 3#8, #10G	40	[34-1000]	3-SETS [4"C, 4-500KCM, #2/0G]	1000
[33-50]	1"C, 3#6, #10G	50	[34-1200]	4-SETS [3"C, 4-350KCM, #3/0G]	1200
[33-60]	1"C, 3#4, #10G	60	[34-1600]	4-SETS [4"C, 4-600KCM, #4/0G]	1600
[33-70]	1-1/4"C, 3#4, #8G	70	[34-2000]	5-SETS [4"C, 4-600KCM, 250KCM G]	2000
[33-80]	1-1/4"C, 3#2, #8G	80	480VΔ, 3ϕ, TRANSFORMER PRIMARY (3W+G)		
[33-90]	1-1/4"C, 3#2, #8G	90	CKT ID	CONDUIT AND WIRE	CKT AMPS
[33-100]	1-1/2"C, 3#1, #8G	100	[30H]	1"C, 3#4, #10G	60
[33-125]	1-1/2"C, 3#1, #6G	125	[45H]	1-1/2"C, 3#1, #8G	100
[33-150]	1-1/2"C, 3#1/0, #6G	150	[75H]	1-1/2"C, 3#1/0, #6G	150
[33-175]	2"C, 3#2/0, #6G	175	[112H]	2"C, 3#3/0, #6G	200
[33-200]	2"C, 3#3/0, #6G	200	[150H]	2-1/2"C, 3-250KCM, #4G	250
[33-225]	2"C, 3#4/0, #4G	225	[225H]	2-SETS [2"C, 3#3/0, #3G]	400
[33-250]	2-1/2"C, 3-250KCM, #4G	250	[300H]	2-SETS [3"C, 3-350KCM, #1G]	600
[33-300]	2-1/2"C, 3-350KCM, #4G	300	[500H]	3-SETS [3"C, 3-300KCM, #1/0G]	800
[33-400]	2-SETS [2"C, 3#3/0, #3G]	400	[15H]	3/4"C, 3#10, #10G	30
[33-500]	2-SETS [2-1/2"C, 3-250KCM, #2G]	500	208Y/120V, 3ϕ, TRANSFORMER SECONDARY (4W+G)		
[33-600]	2-SETS [3"C, 3-350KCM, #1G]	600	CKT ID	CONDUIT AND WIRE	CKT AMPS
[33-700]	2-SETS [3"C, 3-500KCM, #1/0G]	700	[30L]	2"C, 4#1, #6G	100
[33-800]	3-SETS [3"C, 3-300KCM, #1/0G]	800	[45L]	2"C, 4#1/0, #6G	150
[33-10000]	3-SETS [3"C, 3-500KCM, #2/0G]	1000	[75L]	2-1/2"C, 4#4/0, #2G	225
[33-1200]	4-SETS [3"C, 3-350KCM, #3/0G]	1200	[112L]	2-SETS [2-1/2"C, 4#3/0, #1/0G]	400
[33-1600]	4-SETS [4"C, 3-600KCM, #4/0G]	1600	[150L]	2-SETS [3"C, 4-350KCM, #2/0G]	600
[33-2000]	5-SETS [4"C, 3-600KCM, 250KCM G]	2000	[225L]	3-SETS [3"C, 4-300KCM, #2/0G]	800
			[300L]	3-SETS [4"C, 4-500KCM, #3/0G]	1000
			[500L]	4-SETS [4"C, 4-600KCM, #4/0G]	1600
			[750L]	6-SETS [4"C, 4-600KCM, 250KCM G]	2500
			[15L]	1-1/4"C, 4#4, #10G	60

SYMBOL LEGEND

SYMBOL	DESCRIPTION
AR2L01	EQUIPMENT CALLOUT.
	HOME RUN
	CONDUIT CONCEALED IN GROUND OR FLOOR
	CONDUIT CONCEALED IN CEILING OR WALL
	CONDUIT DOWN
	CONDUIT UP
	EQUIPMENT CONNECTION, SEE EQUIPMENT CONNECTION SCHEDULES FOR SPECIFIC REQUIREMENTS.
	SPECIAL PURPOSE RECEPTACLE
	SPECIAL EQUIPMENT CONNECTION
A	DUPLEX RECEPTACLE, GFCI TYPE, A = ABOVE COUNTER, E = EMERGENCY, IG = ISOLATED GROUND.
	4 PLEX RECEPTACLE
A	4 PLEX RECEPTACLE, GFCI TYPE, A = ABOVE COUNTER, E = EMERGENCY, IG = ISOLATED GROUND.
A	DUPLEX RECEPTACLE, A = ABOVE COUNTER
A	DUPLEX RECEPTACLE, ISOLATED GROUND TYPE, A = ABOVE COUNTER, E = EMERGENCY
	FLUSH FLOOR BOX WITH DEVICES AS INDICATED
J	CODE SIZED JUNCTION BOX WITH COVER PLATE
	DISCONNECT SWITCH
F	FUSED DISCONNECT SWITCH
	LIGHTING OR POWER PANEL
K	KIRK KEY INTERLOCK
GAP	GENERATOR ANNUNCIATOR PANEL
	MOTOR CONNECTION
$	SINGLE-POLE SWITCH
LV $	LOW-VOLTAGE SWITCH
OC $	WALL MOUNT OCCUPANCY SENSOR SWITCH
	LIGHT FIXTURE, SEE SCHEDULE FOR TYPE
	LIGHT FIXTURE, SEE SCHEDULE FOR TYPE
	CEILING STRIP LIGHT FIXTURE, SEE SCHEDULE FOR TYPE
	LIGHT FIXTURE, SHADING INDICATES EMERGENCY BATTERY BACKUP
	WALL MOUNTED LIGHT, SEE SCHEDULE FOR TYPE
	EXIT LIGHT, SHADING INDICATES SIGN DIRECTION
	EXIT LIGHT WITH ARROWS, SHADING INDICATES SIGN DIRECTION

SYMBOL LEGEND

SYMBOL	DESCRIPTION
P	SITE PLAN OVERHEAD POWER LINE
PWR	SITE PLAN PRIMARY UNDERGROUND ELECTRICAL DUCT
E	SITE PLAN EXISTING UNDERGROUND ELECTRICAL DUCT
T	SITE PLAN PAD-MOUNTED TRANSFORMER
S	SITE PLAN LOOP FEED PAD-MOUNTED OIL SWITCH
SH	SHUNT-TRIP CIRCUIT BREAKER
P	SITE PLAN POWER POLE
ATS	AUTOMATIC TRANSFER SWITCH
G	GENERATOR
(E)MH-HX	EXISTING MANHOLE
(N)MH-HX	NEW MANHOLE
WAP	TELECOMMUNICATIONS OUTLET, WIRELESS ACCESS POINT
4	TELECOMMUNICATIONS OUTLET, SUBNUMBER=QUANTITY OF DROPS
	TELECOMMUNICATIONS OUTLET, VOICE ONLY
CR	SECURITY SYSTEM CARD READER/KEYPAD
TO	TELECOMM OUTLET MOUNTED IN FLOOR BOX.
XXX-X-XX-PX	TYPICAL TELECOMM OUTLET IDENTIFIERS: TR ROOM, RACK NUMBER, PATCH PANEL LOCATON (RU#), PORT NUMBER
S	PAGING SYSTEM SPEAKER
D	INERGEN SYSTEM SMOKE DETECTOR
H	INERGEN SYSTEM HEAD
D	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM STROBE LIGHT
	CAMERA

ABBREVIATION LIST

A, AMP	AMPERE
ACP	ACCESSIBLE CARD PATH
ADA	AMERICAN DISABILITY ACT
AF	AMP FRAME
AFC	AVAILABLE FAULT CURRENT
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
AG	ABOVE GROUND
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AL	ALUMINUM
BCT	BONDING CONDUCTOR FOR TLECOMMUNICATIONS
BKR	BREAKER
C	CONDUIT
CKT	CIRCUIT
CO	CONDUIT AND PULL-ROPE ONLY
COMM	COMMUNICATION
CTRL	CONTROL
CU	COPPER
(E)	EXISTING
EC, E.C.	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
EM	EMERGENCY
EQPT	EQUIPMENT
(F)	FUTURE
FA	FIRE ALARM
FDR	FEEDER
G, GND	GROUND
GC, G.C.	GENERAL CONTRACTOR
HH	HANDHOLE
IDF	INTERMEDIATE DISTRIBUTION FRAME
J-BOX	JUNCTION BOX
LCP	LIGHTING CONTROL PANEL
LIU	LINE INTERFACE UNIT
LTG	LIGHTING
LTS	LIGHTS
LV	LOW-VOLTAGE
MH	MANHOLE
MM	MULTI-MODE
N	NEUTRAL
NEC	NATIONAL ELECTRICAL CODE
OC	ON-CENTER
OFCI	OWNER-FURNISHED CONTRACTOR-INSTALLED
OFOI	OWNER-FURNISHED OWNER-INSTALLED
OL	OVERLOAD
P	POLE
PB	PULLBOX, PUSHBUTTON
POS	POINT OF SERVICE
PRI	PRIMARY
(G)	REVISED
REF	REFERENCE, REFRIGERATOR
SEC	SECONDARY
SM	SINGLE-MODE
SOW	SCOPE OF WORK
SPECS	SPECIFICATIONS
SS	STAINLESS STEEL
SW	SWITCH
TEL	TELEPHONE
TC	TELECOMMUNICATION
TGB	TELECOMMUNICATIONS BUS BAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUS BAR
THRU	THROUGH
(TYP)	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
VLT	VAULT
W	WIRE, WATT
WP	WEATHERPROOF
(X)	EXISTING TO BE REMOVED

GENERAL REQUIREMENTS

1. PROVIDE COMPLETE WORK FOR REQUIREMENTS AS DESCRIBED ON LEGEND.
2. ALL FLUSH MOUNT EQUIPMENT, CABINETS, AND PANELBOARDS SHALL HAVE FACTORY TYPE FLUSH MOUNT TRIM KIT FOR COMPLETE INSTALLATION.
3. PROVIDE ALL MATERIAL AND LABOR RELATED TO THE INSTALLATION OF ELECTRICAL DEVICES PENETRATING INTO OR THROUGH FIRE RATED WALLS, FLOORS, OR CEILINGS SUCH THAT THE FIRE RATING OF THE WALL IS MAINTAINED.
4. DO NOT TAKE MEASUREMENTS FROM PLANS FOR DEVICE LOCATIONS. FIELD VERIFY EXACT DEVICE, EQUIPMENT LOCATIONS, AND MOUNTING HEIGHTS WITH OWNER'S REPRESENTATIVE FOR PROPER INSTALLATION.
5. BRANCH CIRCUIT HOME RUNS ARE NOT INDICATED WITH NUMBER OF CONDUCTORS/ WIRES. PROVIDE ALL BRANCH CIRCUIT CONDUCTORS/ WIRES AS REQUIRED FOR COMPLETE OPERATION OF ALL DEVICES AND EQUIPMENT INDICATED. PROVIDE INDIVIDUAL NEUTRALS FOR EACH CIRCUIT.
6. REFER TO EQUIPMENT SCHEDULES FOR WIRING REQUIREMENTS NOT INDICATED ON POWER PLANS.
7. PROVIDE ALL WIRING TO PANELS AND POWER DISTRIBUTION EQUIPMENT IN ACCORDANCE WITH ONE-LINE POWER DIAGRAM.
8. INCLUDE COST OF PROVIDING ALL ELECTRICAL CONNECTIONS AS REQUIRED FOR FULL OPERATION OF ALL OWNER FURNISHED, CONTRACTOR INSTALLED EQUIPMENT. SEE ARCHITECTURAL DRAWINGS TO VERIFY LOCATIONS.
9. COORDINATE PAINTING WORK OF ELECTRICAL ITEMS WITH GENERAL CONTRACTOR. SEE PAINTING SPECIFICATIONS FOR REQUIREMENTS.
10. PROVIDE SEPARATE NEUTRALS FOR ALL BRANCH CIRCUITS.
11. WIRING SYSTEMS SHALL BE CONCEALED WHERE POSSIBLE, EXCEPT IN ELECTRICAL ROOM, MECHANICAL ROOM, AND UTILITY AREAS, OR AS OTHERWISE NOTED.
12. PROVIDE SURFACE METAL RACEWAY AS WIRING METHOD WHERE OUTLETS AND WIRING CANNOT BE CONCEALED.
13. EXTERIOR MOUNTED ELECTRICAL DEVICES (SUCH AS DISCONNECT SWITCH, STARTER, SPEAKER, FIRE ALARM HORN, ETC.) AND COVERS SHALL BE NEMA-3R WEATHERPROOF RATED.
14. PROVIDE CONDUIT AND WIRE FROM ALL HVAC UNITS 2000 CFM OR ABOVE TO FIRE ALARM PANEL FOR HVAC UNIT CONTROL. CONDUIT AND WIRE MAY NOT BE INDICATED IN ELECTRICAL DRAWINGS.
15. PROVIDE TEMPORARY POWER FOR CONSTRUCTION. TEMPORARY POWER MAY BE IN THE FORM OF PORTABLE GENERATOR SET; CONNECTION TO UTILITIES COMPANY'S POWER POLE OR EXISTING FACILITY'S ELECTRICAL SYSTEM.
16. VERIFY WITH CABINET INSTALLER FOR ALL CABINET LOCATIONS, DIMENSIONS, AND COUNTER HEIGHTS PRIOR TO OUTLET ROUGH-IN. OUTLETS LOCATED ABOVE COUNTER SHALL BE INSTALLED TO CENTERLINE ABOVE COUNTERTOP BACKSPLASH, AS DIRECTED OR INDICATED IN SPECIFICATIONS. VERIFY HEIGHT WITH OWNER'S REPRESENTATIVE OF ANY LOCATION THAT CANNOT ACCOMMODATE MOUNTING HEIGHT.
17. INSTALLATION OF UNDERGROUND WIRING SYSTEMS SHALL INCLUDE EXCAVATION, CUTTING, PATCHING, BACKFILL, AND COMPACTION. DO NOT CUT OR DAMAGE ANY EXISTING UTILITIES, STRUCTURAL MEMBERS, OR BUILDING FOUNDATIONS. VERIFY EXISTING CONDITIONS PRIOR TO EXCAVATION WORK. INCLUDE COST FOR UNDERGROUND LOCATOR SERVICE TO IDENTIFY LOCATIONS OF EXISTING COMPONENTS. HAND EXCAVATE IN LOCATIONS WHERE EXISTING UNDERGROUND COMPONENTS ARE SUBJECT TO DAMAGE. REPAIR DAMAGE TO EXISTING UTILITIES OR BUILDING STRUCTURE TO OWNER'S SATISFACTION AT THE CONTRACTORS EXPENSE.
18. ALL ONE-LINE DIAGRAMS AND RACEWAY ROUTING ARE SCHEMATIC AND DO NOT SHOW EXACT PHYSICAL ARRANGEMENT OF EQUIPMENT ON DRAWINGS. ALL JUNCTION BOXES, AND PULLBOXES SHOWN ARE MINIMUM REQUIREMENTS. PROVIDE FITTINGS AND PULLBOXES OF ADEQUATE SIZE IN RACEWAY SYSTEMS WHEREVER NECESSARY OR REQUIRED BY NATIONAL ELECTRICAL CODE. PROVIDE EXPANSION JOINT FITTINGS FOR RACEWAY PASSING THROUGH NEW OR EXISTING EXPANSION JOINTS INSTALLED BETWEEN BUILDINGS. VERIFY EXACT LOCATIONS AND DETAILS OF EXPANSION JOINTS PRIOR TO WORK. COORDINATE ALL RACEWAY ROUTING, PULLBOXES, AND EQUIPMENT LOCATIONS WITH OTHER TRADES TO AVOID CONFLICTS OF EQUIPMENT INSTALLATIONS. ALL EMPTY CONDUITS SHALL HAVE PULL WIRES.
19. CONDUIT OR OTHER ELECTRICAL COMPONENTS SHALL NOT BE INSTALLED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR APPROVED BY STRUCTURAL ENGINEER.
20. PROVIDE ELECTRICAL CONNECTION FOR ALL FAN SPEED SWITCHES. COORDINATE LOCATION OF CONNECTIONS WITH MECHANICAL CONTRACTOR.

GENERAL REQUIREMENTS - CONT.

21. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
22. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.
23. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES TO INSURE PROPER AND ADEQUATE INTERFACE OF THEIR WORK WITH THE WORK SHOWN ON THESE DOCUMENTS. CONTRACTOR SHALL PROVIDE COORDINATED SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
24. THE A/E HAS PARTITIONED THE DRAWINGS INTO SECTIONS. THE PRIME CONTRACTOR IS TO PROVIDE COORDINATION AMONG THE TRADES AND DRAWING SECTIONS TO ENSURE ALL MATERIALS, LABOR, EQUIPMENT, AND OTHER SERVICES ARE PROVIDED TO FULFILL THE ENTIRE CONTRACT. FOR EXAMPLE, DOOR HARDWARE REQUIRES ELECTRICAL, ARCHITECTURAL, AND FIRE PROTECTION SECTION REVIEW. PROVIDE A WORKING OUTCOME FOR ALL MULTI-DISCIPLINARY DEFINABLE FEATURES OF WORK.

Revisions:	Date:

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STAMP

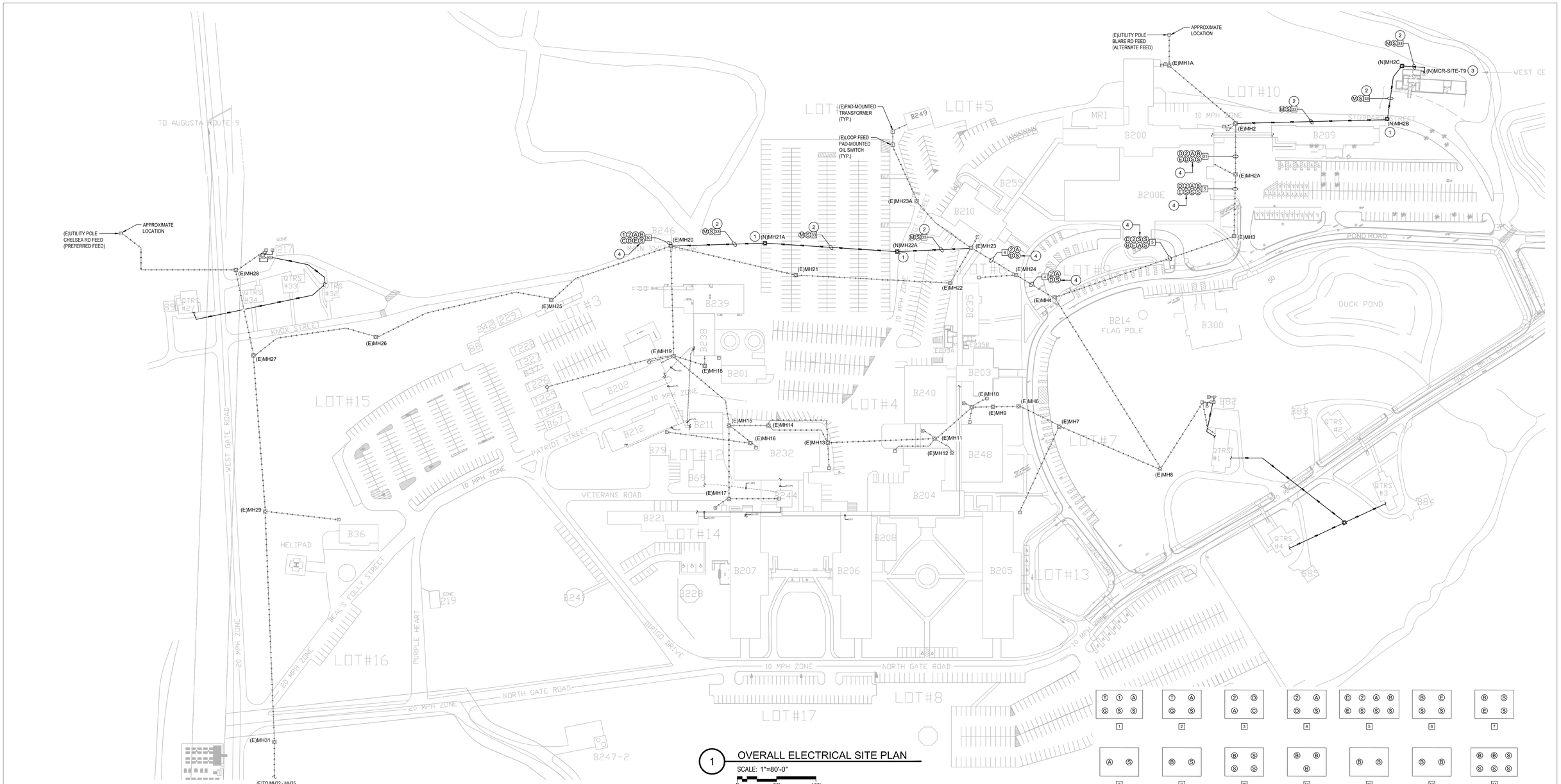
PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: LEGEND, ABBREVIATION LIST, AND GENERAL REQUIREMENTS	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER:
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 000-EG-001

VA FORM 08 - 6231

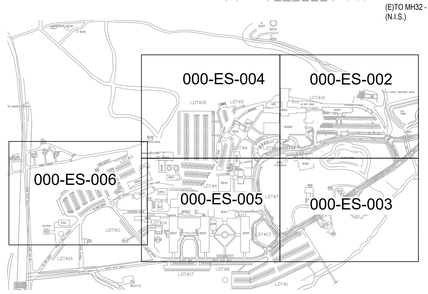
REISSUED 02-18-2026



1 OVERALL ELECTRICAL SITE PLAN

SCALE: 1"=80'-0"

0 80' 160'



0 KEY PLAN

GENERAL NOTES

1. ALL NEW CONDUIT DUCT BANK TO BE ENCASED IN 3000 PSI CONCRETE DYED ORANGE.
2. CONTRACTOR SHALL MAKE ALL NEW CONDUITS AND MANHOLES WATER TIGHT.
3. CONTRACTOR SHALL MAKE ALL PENETRATIONS INTO EXISTING MANHOLES WATER TIGHT. THIS IS TO INCLUDE EXISTING CONDUIT PENETRATIONS.
4. NEW CONDUIT PATHWAYS AS DEPICTED ARE INTENDED TO BE DIAGRAMMATIC. THE PATHWAYS AS SHOWN INDICATE CONNECTIONS BETWEEN BUILDINGS AND/OR STRUCTURES. ACTUAL FIELD INSTALLATION SHALL AVOID ALL AREAS WITHIN TREE DRIP LINES AND ANY DEVIATION FROM STRAIGHT CONDUIT RUNS MUST UTILIZE ELBOWS WITH RADIUS AS ALLOWED BY SPECIFICATIONS.
5. ALL NEW CONDUIT SHALL BE LABELED AT BOTH ENDS.
6. ALL NEW MV CONDUCTOR RUNS SHALL BE LABELED IN EACH MANHOLE AND PULL BOX.
7. REFER TO MV LOOP ONE-LINE ON SHEET 246-EJ-001 FOR ADDITIONAL INFORMATION.
8. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS OF VAULTS AND PATHWAYS. DETAIL REPORT SHALL BE PROVIDED TO VA FOR ENGINEERING EVALUATION PRIOR TO CONSTRUCTION.

PLAN NOTES

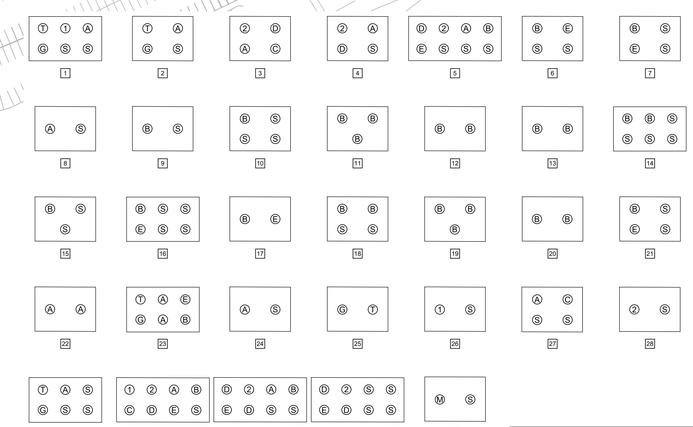
1. CONTRACTOR TO PROVIDE NEW MANHOLE.
2. CONTRACTOR TO PROVIDE NEW DUCTBANK.
3. CONTRACTOR TO PROVIDE NEW 500KVA TRANSFORMER. PROVIDE ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETED OPERATION.
4. USE EXISTING SPARE DUCT FOR CONDUCTOR ROUTING TO NEW MCR.

DUCT SYMBOLS

1 - INCOMING FEEDER #1: 3-250MCM-15KV + 1-4/0 BARE
2 - INCOMING FEEDER #2: 3-250MCM-15KV + 1-4/0 BARE
A - FEEDER A: 3-1/0-15KV + 1-1/0 BARE (1-1/0-15KV + 1-1/0 BARE FOR SINGLE-PHASE FEEDERS)
B - FEEDER B: 3-1/0-15KV + 1-1/0 BARE (1-1/0-15KV + 1-1/0 BARE FOR SINGLE-PHASE FEEDERS)
C - FEEDER C: 3-1/0-15KV + 1-1/0 BARE
D - FEEDER D: 3-1/0-15KV + 1-1/0 BARE
E - FEEDER E: 3-1/0-15KV + 1-1/0 BARE
M - FEEDER MCR: 3-1/0-15KV + 1-1/0 BARE
G - CONTROL CABLE, TELEVISION CABLE, AND FIRE ALARM CABLE
T - TELEPHONE AND F.A. DUCTS
S - SPARE DUCT

NOTE

* ALL DUCTS ARE 4" PVC, EXCEPT #11, 12, & 19, WHICH ARE 4" H.W. STEEL CONDUITS



0 DUCT BANK CONFIGURATIONS

THIS DRAWING WAS PRODUCED FROM ORIGINAL AS-BUILT DRAWINGS AND FIELD OBSERVATIONS, AND MAY NOT REPRESENT AN ACCURATE AS-BUILT CONDITION. DISCREPANCIES MAY BE ENCOUNTERED, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS.

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GDM ARCHITECTS • ENGINEERS

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: OVERALL ELECTRICAL SITE PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: SITE
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 000-ES-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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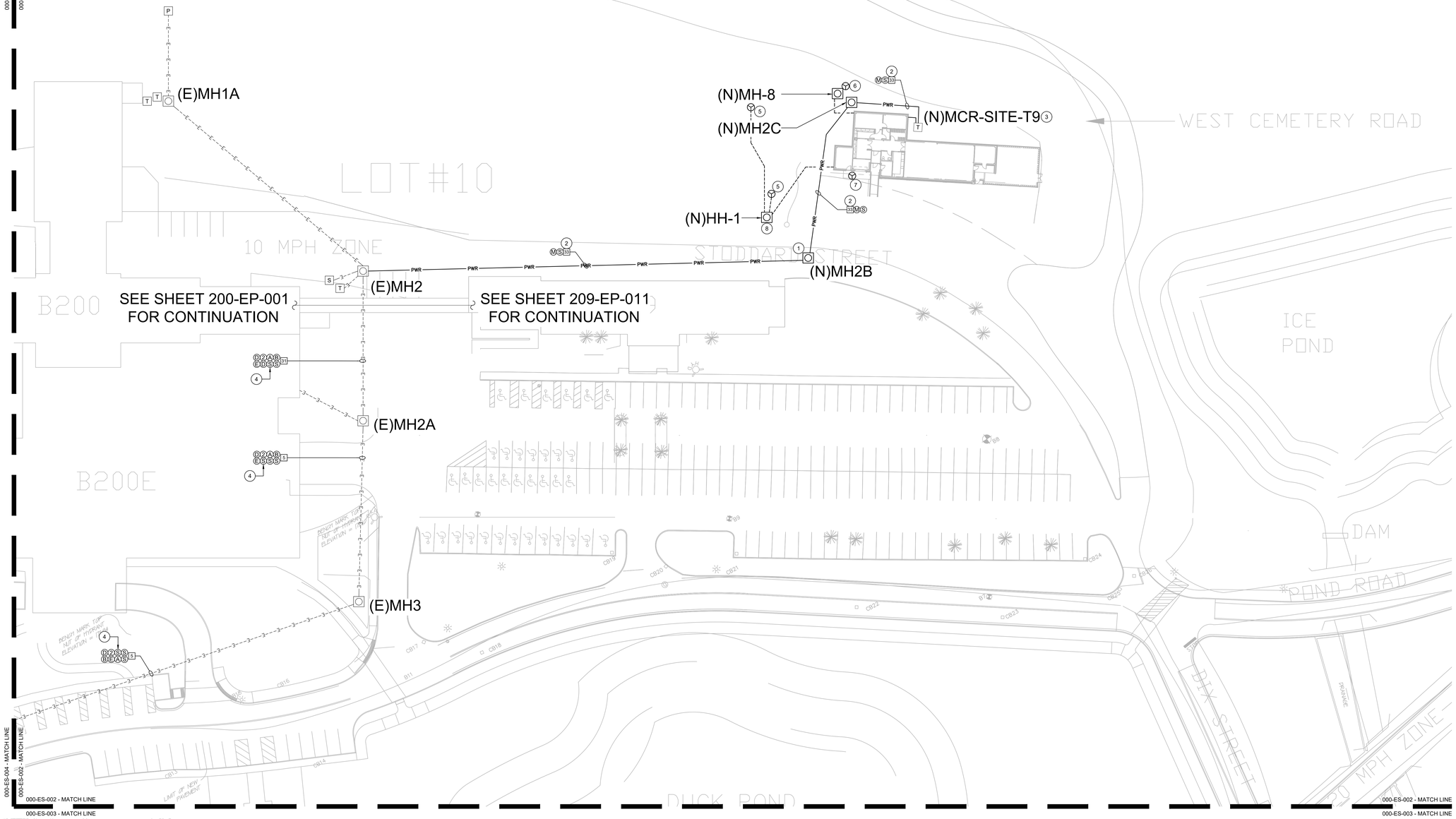
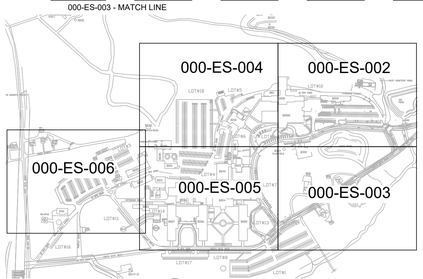


1 ELECTRICAL SITE PLAN

SCALE: 1"=30'-0"

0 30' 60'



0 KEY PLAN

GENERAL NOTES

1. ALL NEW CONDUIT DUCT BANK TO BE ENCASED IN 3000 PSI CONCRETE DYED ORANGE.
2. CONTRACTOR SHALL MAKE ALL NEW CONDUITS AND MANHOLES WATER TIGHT.
3. CONTRACTOR SHALL MAKE ALL PENETRATIONS INTO EXISTING MANHOLES WATER TIGHT. THIS IS TO INCLUDE EXISTING CONDUIT PENETRATIONS.
4. NEW CONDUIT PATHWAYS AS DEPICTED ARE INTENDED TO BE DIAGRAMMATIC. THE PATHWAYS AS SHOWN INDICATE CONNECTIONS BETWEEN BUILDINGS AND/OR STRUCTURES. ACTUAL FIELD INSTALLATION SHALL AVOID ALL AREAS WITHIN TREE DRIP LINES AND ANY DEVIATION FROM STRAIGHT CONDUIT RUNS MUST UTILIZE ELBOWS WITH RADIUS AS ALLOWED BY SPECIFICATIONS.
5. ALL NEW CONDUIT SHALL BE LABELED AT BOTH ENDS.
6. ALL NEW MV CONDUCTOR RUNS SHALL BE LABELED IN EACH MANHOLE AND PULL BOX.
7. REFER TO MV LOOP ONE-LINE ON SHEET 246-EJ-001 FOR ADDITIONAL INFORMATION.

PLAN NOTES

1. PROVIDE NEW MANHOLE WITH TRAFFIC RATED COVER.
2. PROVIDE NEW CONDUIT DUCTBANK. PROVIDE CONDUIT SIZE AND QUANTITY AS SHOWN. REFER TO DUCT BANK DETAIL ON SHEET 000-ES-001 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
3. CONTRACTOR TO PROVIDE NEW 500KVA TRANSFORMER. PROVIDE ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETED OPERATION.
4. USE EXISTING SPARE DUCT FOR CONDUCTOR ROUTING TO NEW MCR.
5. PROVIDE CONNECTION POINT TO HEAT TRACE FROM NEW HANDHOLE 'HH-1'. COORDINATE EXACT LOCATION OF CONNECTION POINT WITH CIVIL. HEAT TRACE SHALL CONFORM TO SPECIFICATION SECTION 22 05 33.
6. PROVIDE CONNECTION POINT TO STORM DRAIN HEAT TRACE IN NEW MANHOLE 'MH-8'. PROVIDE IN NEW NEMA-4X RATED ENCLOSURE. HEAT TRACE SHALL CONFORM TO SPECIFICATION SECTION 22 05 33.
7. PROVIDE CONNECTION POINT TO SEWER HEAT TRACE FROM JUNCTION BOX LOCATED IN RECEIVING ROOM 101. COORDINATE EXACT LOCATION OF CONNECTION POINT WITH CIVIL. HEAT TRACE SHALL CONFORM TO SPECIFICATION SECTION 22 05 33.
8. PROVIDE NEW HANDHOLE 'HH-1' TO FEED RETAINING WALL HEAT TRACE. COORDINATE EXACT LOCATION WITH CIVIL. HEAT TRACE SHALL CONFORM TO SPECIFICATION SECTION 22 05 33.

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: ELECTRICAL SITE PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: SITE
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 000-ES-002
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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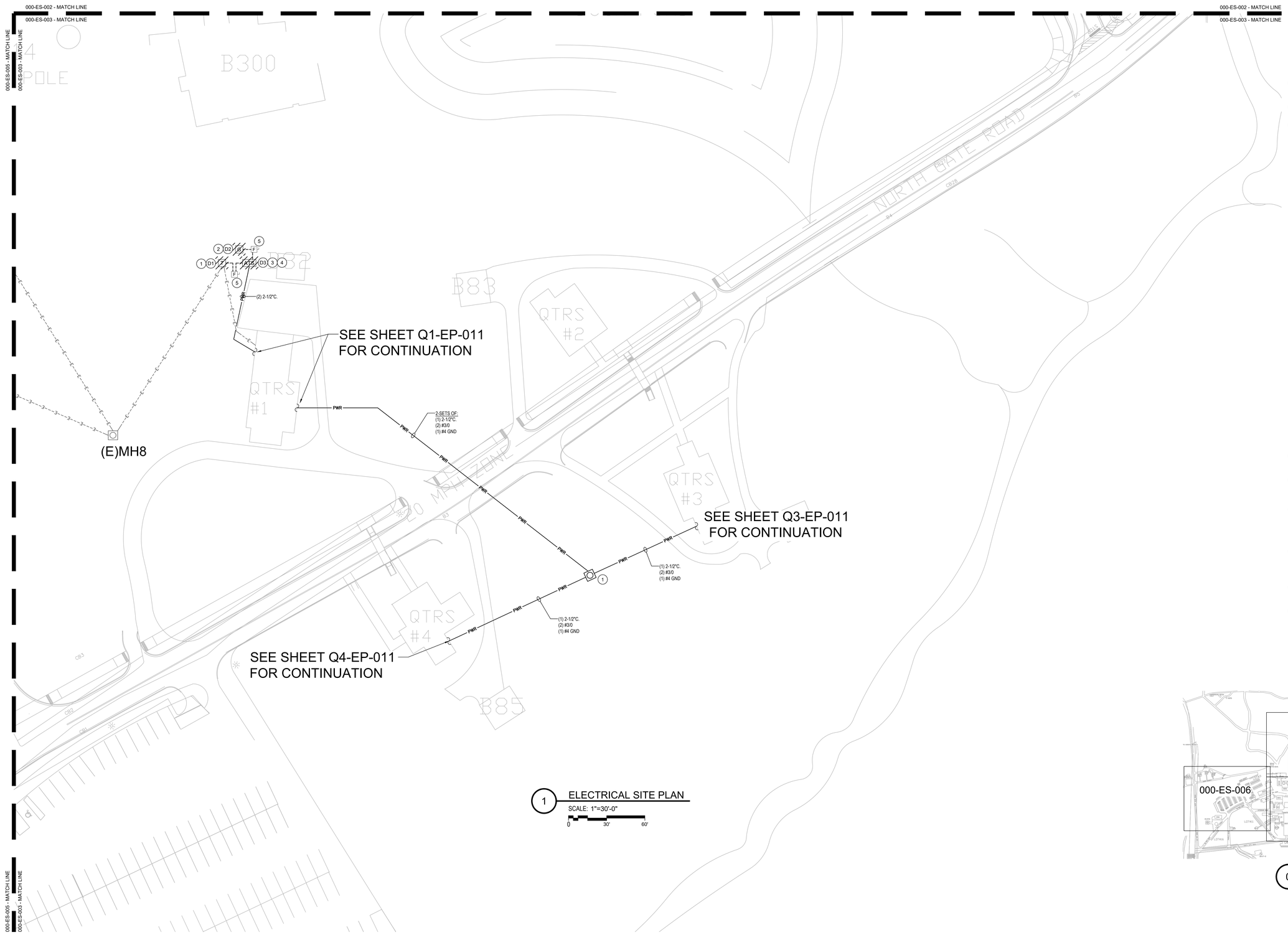


1 ELECTRICAL SITE PLAN

SCALE: 1"=30'-0"

0 30' 60'

GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.

DEMOLITION PLAN NOTES

D1 EXISTING 75KVA TRANSFORMER TO BE REMOVED. EXISTING CONDUIT AND CONDUCTORS ON PRIMARY SIDE TO REMAIN FOR REUSE.

D2 EXISTING 22KW GENERAC GENERATOR TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

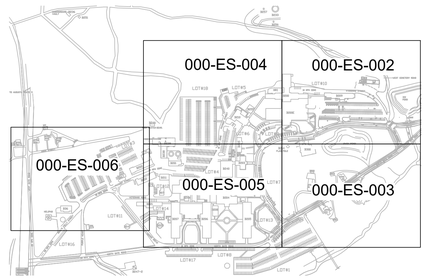
D3 EXISTING AUTOMATIC TRANSFER SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. EXISTING TRENCH TO BE EXPANDED AND REUSED FOR NEW CONDUIT AND CONDUCTORS FROM SECONDARY SIDE OF SITE TRANSFORMER AND NEW GENERATOR. FEEDS TO EXISTING PANELS FROM TRANSFER SWITCH TO REMAIN AND REROUTED TO NEW DISTRIBUTION PANEL.

GENERAL NOTES

1. ALL NEW CONDUIT DUCT BANK TO BE ENCASED IN 3000 PSI CONCRETE DYED ORANGE.
2. CONTRACTOR SHALL MAKE ALL NEW CONDUITS AND MANHOLES WATER TIGHT.
3. CONTRACTOR SHALL MAKE ALL PENETRATIONS INTO EXISTING MANHOLES WATER TIGHT. THIS IS TO INCLUDE EXISTING CONDUIT PENETRATIONS.
4. NEW CONDUIT PATHWAYS AS DEPICTED ARE INTENDED TO BE DIAGRAMMATIC. THE PATHWAYS AS SHOWN INDICATE CONNECTIONS BETWEEN BUILDINGS AND/OR STRUCTURES. ACTUAL FIELD INSTALLATION SHALL AVOID ALL AREAS WITHIN TREE DRIP LINES AND ANY DEVIATION FROM STRAIGHT CONDUIT RUNS MUST UTILIZE ELBOWS WITH RADIUS AS ALLOWED BY SPECIFICATIONS.
5. ALL NEW CONDUIT SHALL BE LABELED AT BOTH ENDS.

PLAN NOTES

1. PROVIDE NEW 100KVA 12470/240V SITE TRANSFORMER ON EXPANDED TRANSFORMER PAD. EXTEND CONDUIT AND CONDUCTORS AS NECESSARY.
2. PROVIDE NEW 80KW/240V/0.8PF EMERGENCY GENERATOR IN EXISTING LOCATION. PROVIDE NEW CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
3. PROVIDE NEW 600A/240V AUTOMATIC TRANSFER SWITCH IN EXISTING LOCATION. PROVIDE NEW CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION IN EXISTING EXPANDED TRENCH FROM LOAD-SIDE OF TRANSFORMER AND GENERATOR TO SUPPLY SIDE OF TRANSFER SWITCH.
4. ROUTE NEW CONDUIT AND CONDUCTORS FROM LOAD-SIDE OF TRANSFER SWITCH TO NEW DISTRIBUTION PANEL IN BUILDING Q1. SEE SHEET Q1-EP-011 FOR LOCATION OF NEW DISTRIBUTION PANEL. EXISTING FEEDERS FROM REMOVED TRANSFER SWITCH TO BE REROUTED TO NEW DISTRIBUTION PANEL.
5. PROVIDE NEW 600A FUSED DISCONNECT WITH 600A RATED FUSES. PROVIDE CONDUIT, CONDUCTORS AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
6. PROVIDE NEW ELECTRICAL VAULT.



0 KEY PLAN

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Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: ELECTRICAL SITE PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: SITE
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 000-ES-003
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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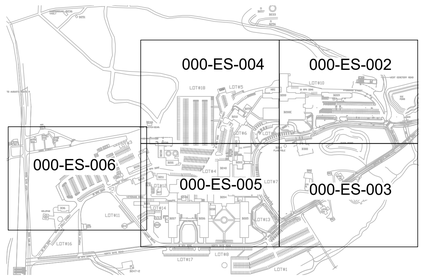
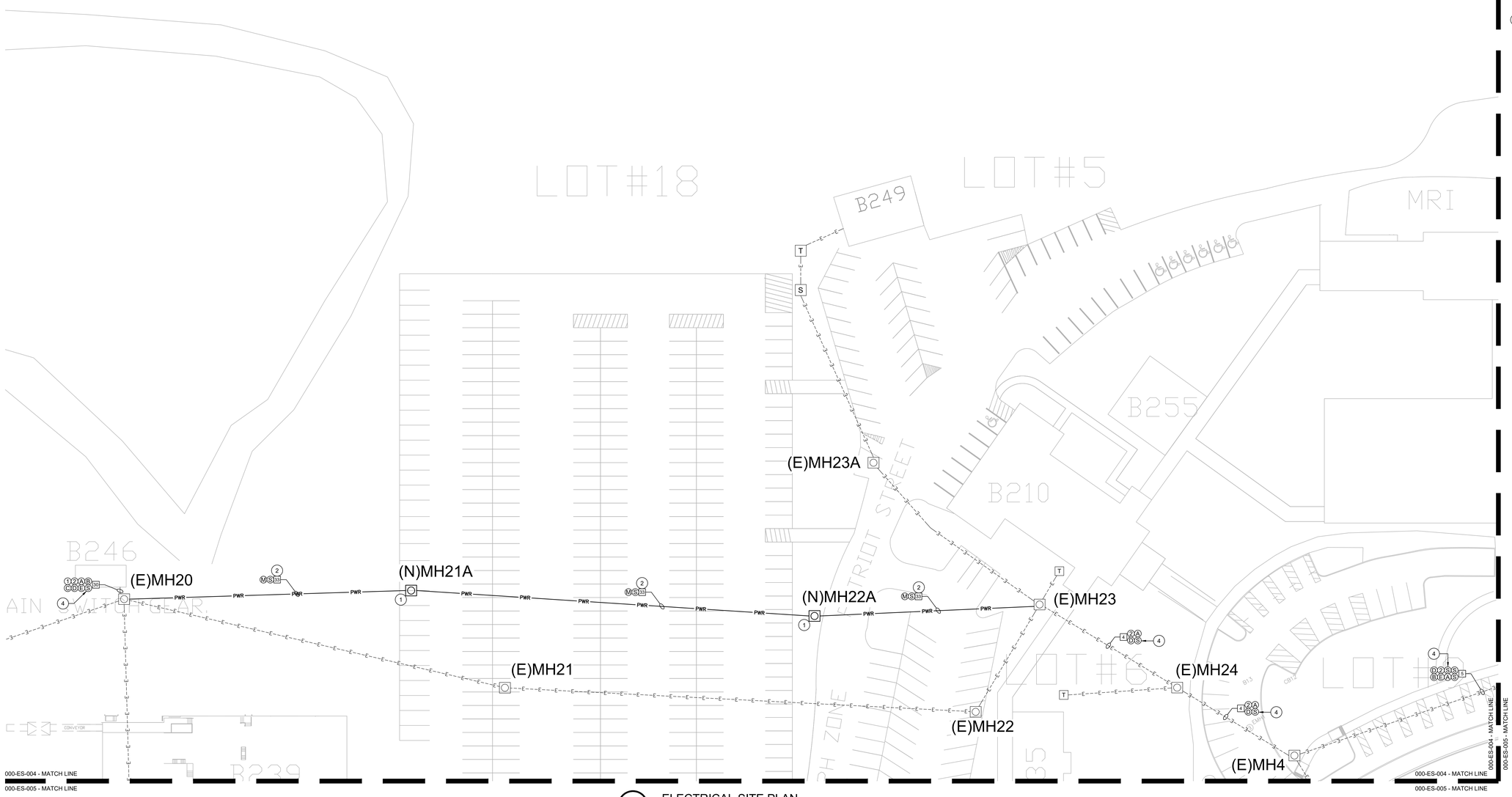


0 KEY PLAN



1 ELECTRICAL SITE PLAN

SCALE: 1"=30'-0"

0 30' 60'

GENERAL NOTES

1. ALL NEW CONDUIT DUCT BANK TO BE ENCASED IN 3000 PSI CONCRETE DYED ORANGE.
2. CONTRACTOR SHALL MAKE ALL NEW CONDUITS AND MANHOLES WATER TIGHT.
3. CONTRACTOR SHALL MAKE ALL PENETRATIONS INTO EXISTING MANHOLES WATER TIGHT. THIS IS TO INCLUDE EXISTING CONDUIT PENETRATIONS.
4. NEW CONDUIT PATHWAYS AS DEPICTED ARE INTENDED TO BE DIAGRAMMATIC. THE PATHWAYS AS SHOWN INDICATE CONNECTIONS BETWEEN BUILDINGS AND/OR STRUCTURES. ACTUAL FIELD INSTALLATION SHALL AVOID ALL AREAS WITHIN TREE DRIP LINES AND ANY DEVIATION FROM STRAIGHT CONDUIT RUNS MUST UTILIZE ELBOWS WITH RADIUS AS ALLOWED BY SPECIFICATIONS.
5. ALL NEW CONDUIT SHALL BE LABELED AT BOTH ENDS.
6. ALL NEW MV CONDUCTOR RUNS SHALL BE LABELED IN EACH MANHOLE AND PULL BOX.
7. REFER TO MV LOOP ONE-LINE ON SHEET 246-EJ-001 FOR ADDITIONAL INFORMATION.

PLAN NOTES

1. PROVIDE NEW MANHOLE WITH TRAFFIC RATED COVER.
2. PROVIDE NEW CONDUIT DUCTBANK. PROVIDE CONDUIT SIZE AND QUANTITY AS SHOWN. REFER TO DUCT BANK DETAIL ON SHEET 000-ES-001 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
3. CONTRACTOR TO PROVIDE NEW 500KVA TRANSFORMER. PROVIDE ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETED OPERATION.
4. USE EXISTING SPARE DUCT FOR CONDUCTOR ROUTING TO NEW MCR.

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

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			BUILDING NUMBER: SITE
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 000-ES-004
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

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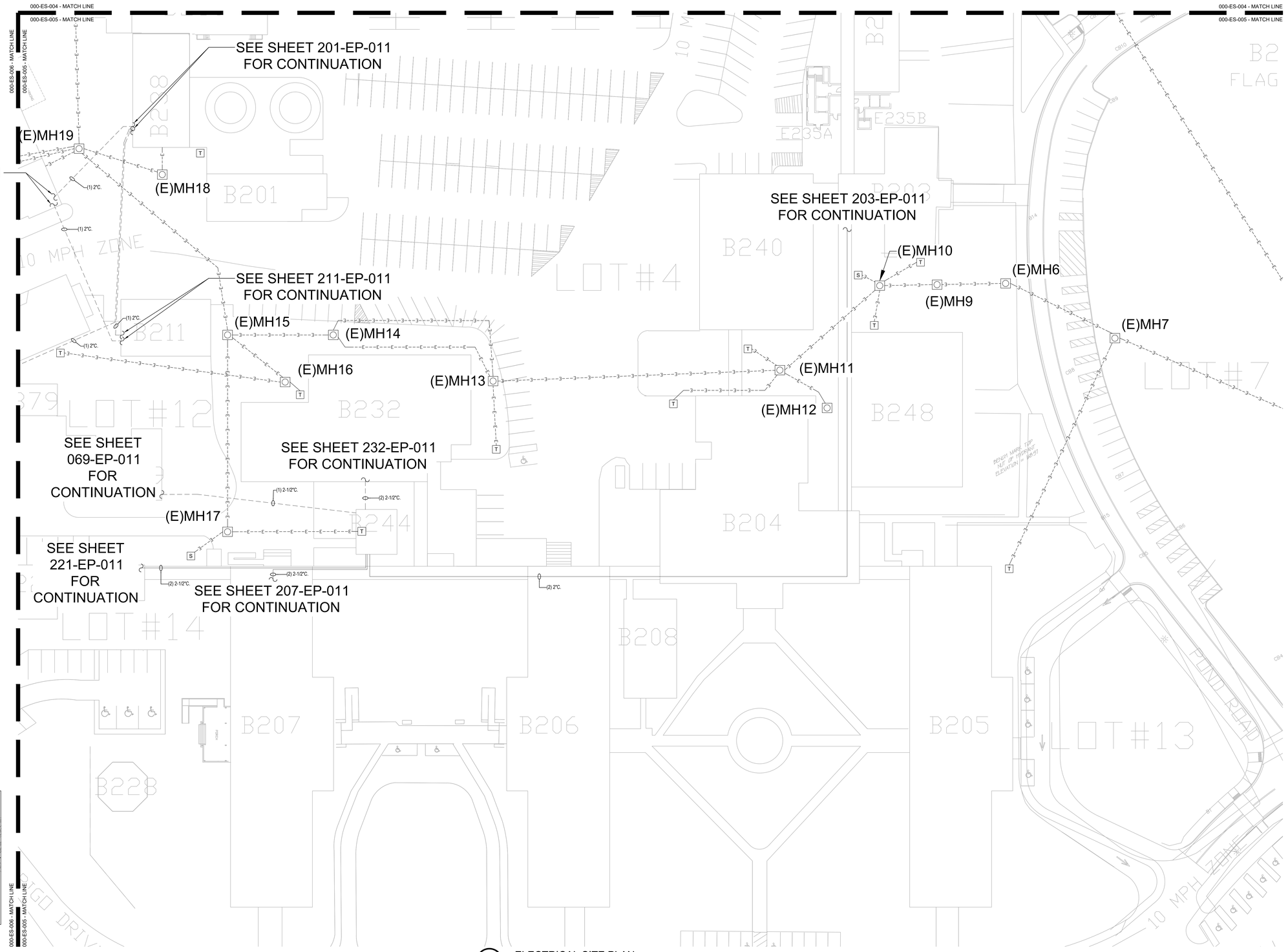
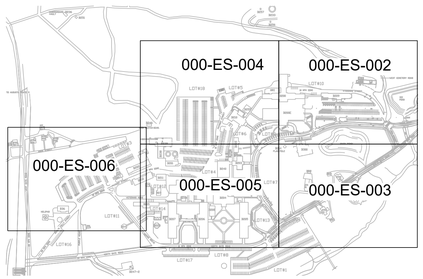
5. ALL NEW CONDUIT SHALL BE LABELED AT BOTH ENDS.

PLAN NOTES

1. PROVIDE NEW MANHOLE WITH TRAFFIC RATED COVER.
2. PROVIDE NEW CONDUIT DUCTBANK. PROVIDE CONDUIT SIZE AND QUANTITY AS SHOWN.





0 KEY PLAN

1 ELECTRICAL SITE PLAN

SCALE: 1"=30'-0"

0 30' 60'

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

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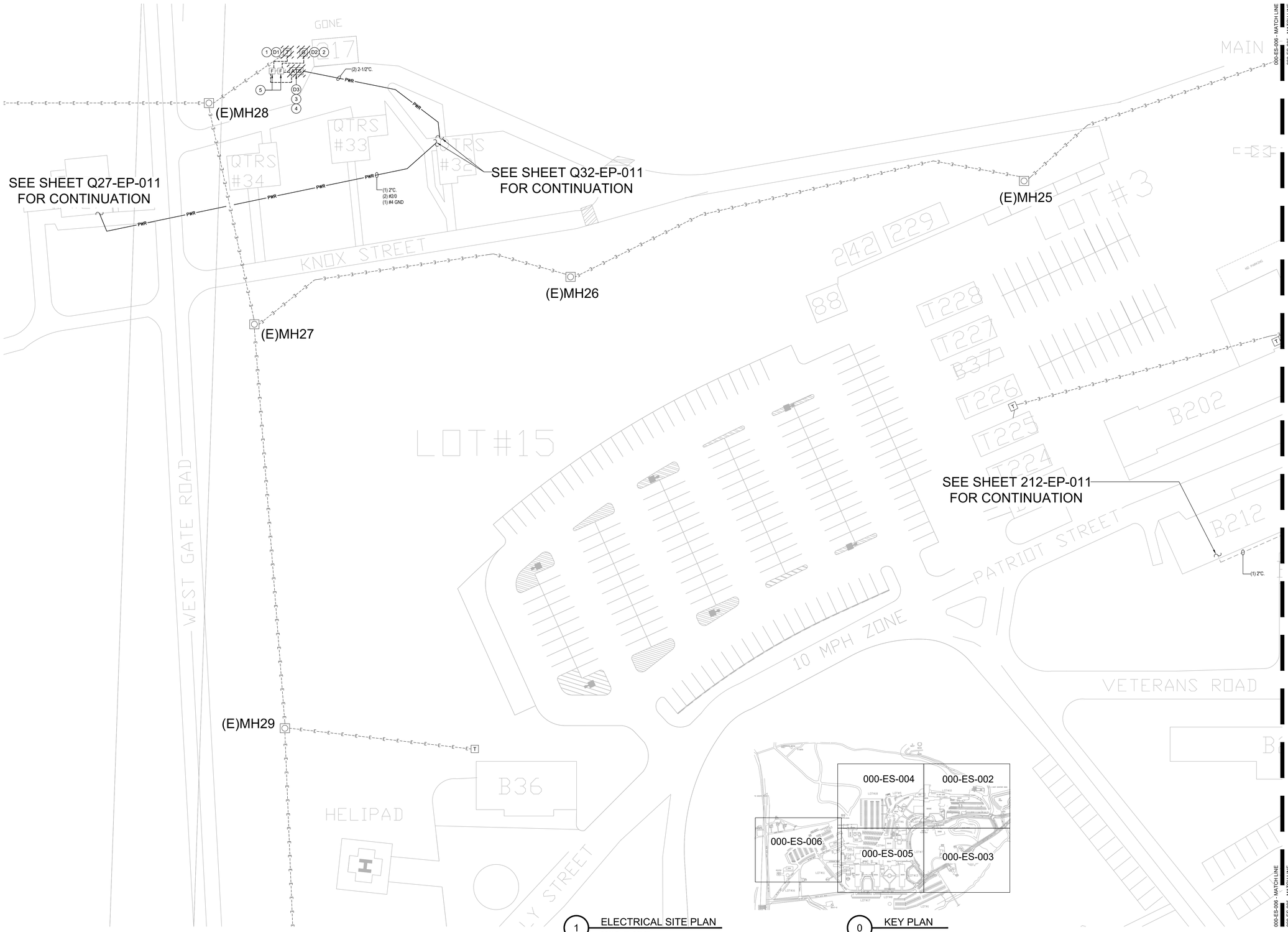
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: SITE
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 000-ES-005

VA FORM 08 - 6231

REISSUED 02-18-2026



1 ELECTRICAL SITE PLAN

SCALE: 1"=30'-0"

0 30' 60'

0 KEY PLAN

000-ES-006 - MATCH LINE
000-ES-005 - MATCH LINE

GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.

DEMOLITION PLAN NOTES

D1 EXISTING 25KVA TRANSFORMER TO BE REMOVED. EXISTING #1/0 CONDUCTORS ON PRIMARY SIDE TO REMAIN FOR REUSE.

D2 EXISTING GENERATOR TO BE REMOVED.

D3 EXISTING AUTOMATIC TRANSFER SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. EXISTING TRENCH TO BE EXPANDED AND REUSED FOR NEW CONDUIT AND CONDUCTORS FROM SECONDARY SIDE OF SITE TRANSFORMER AND NEW GENERATOR. FEEDS TO EXISTING PANELS FROM TRANSFER SWITCH TO REMAIN AND REROUTED TO NEW DISTRIBUTION PANEL.

GENERAL NOTES

1. ALL NEW CONDUIT DUCT BANK TO BE ENCASED IN 3000 PSI CONCRETE DYED ORANGE.
2. CONTRACTOR SHALL MAKE ALL NEW CONDUITS AND MANHOLES WATER TIGHT.
3. CONTRACTOR SHALL MAKE ALL PENETRATIONS INTO EXISTING MANHOLES WATER TIGHT. THIS IS TO INCLUDE EXISTING CONDUIT PENETRATIONS.
4. NEW CONDUIT PATHWAYS AS DEPICTED ARE INTENDED TO BE DIAGRAMMATIC. THE PATHWAYS AS SHOWN INDICATE CONNECTIONS BETWEEN BUILDINGS AND/OR STRUCTURES. ACTUAL FIELD INSTALLATION SHALL AVOID ALL AREAS WITHIN TREE DRIP LINES AND ANY DEVIATION FROM STRAIGHT CONDUIT RUNS MUST UTILIZE ELBOWS WITH RADIUS AS ALLOWED BY SPECIFICATIONS.
5. ALL NEW CONDUIT SHALL BE LABELED AT BOTH ENDS.

PLAN NOTES

1. PROVIDE NEW 75KVA 12470/240V SITE TRANSFORMER ON EXPANDED TRANSFORMER PAD. EXTEND CONDUIT AND CONDUCTORS AS NECESSARY.
2. PROVIDE NEW 60KW/240V/0.8PF EMERGENCY GENERATOR IN EXISTING LOCATION. PROVIDE NEW CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
3. PROVIDE NEW 400A/240V AUTOMATIC TRANSFER SWITCH IN EXISTING LOCATION. PROVIDE NEW CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION IN EXISTING EXPANDED TRENCH FROM LOAD-SIDE OF TRANSFORMER AND GENERATOR TO SUPPLY SIDE OF TRANSFER SWITCH.
4. ROUTE NEW CONDUIT AND CONDUCTORS FROM LOAD-SIDE OF TRANSFER SWITCH TO NEW DISTRIBUTION PANEL IN BUILDING Q32. SEE SHEET Q32-EP-011 FOR LOCATION OF NEW DISTRIBUTION PANEL. EXISTING FEEDERS FROM REMOVED TRANSFER SWITCH TO BE REROUTED TO NEW DISTRIBUTION PANEL.
5. PROVIDE NEW FUSED DISCONNECT. PROVIDE CONDUIT, CONDUCTORS AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

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EDWARD J. MCCARTHY · STATE OF WASHINGTON · REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

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APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: SITE
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 000-ES-006

VA FORM 08 - 6231

REISSUED 02-18-2026

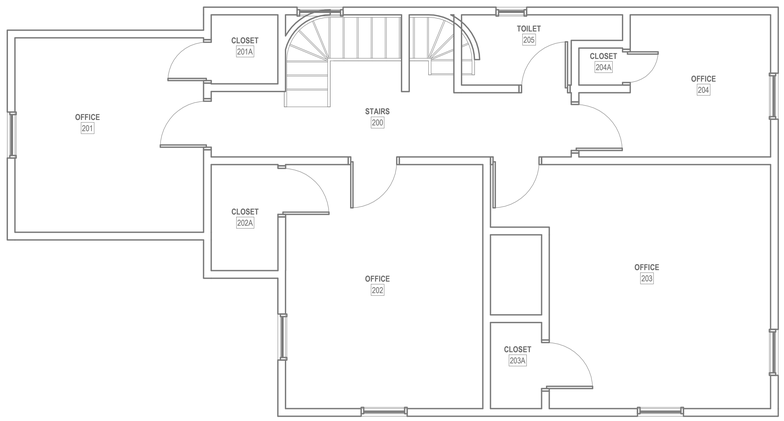
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

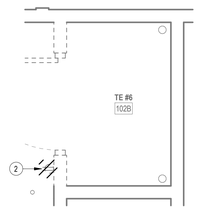
KEY NOTES

1 EXISTING ELECTRICAL PANEL TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT, CONDUCTORS, AND JUNCTION BOXES BACK TO SOURCE. EXISTING FEEDERS TO BE RELOCATED TO NEW PANEL IN BASEMENT. REFER TO SHEET 069-EP-011 FOR LOCATION OF NEW PANEL.

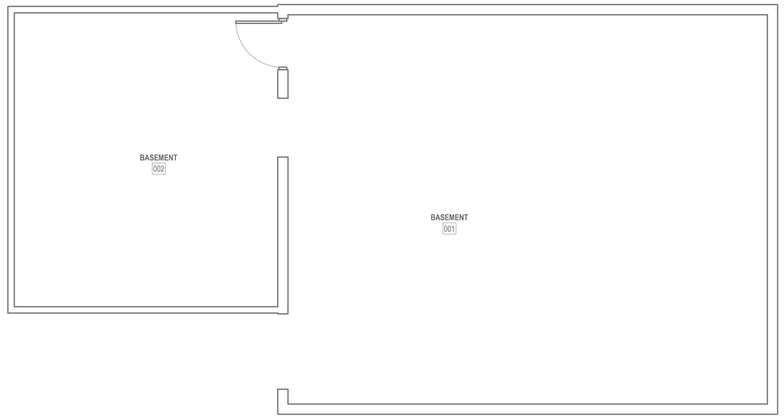
2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



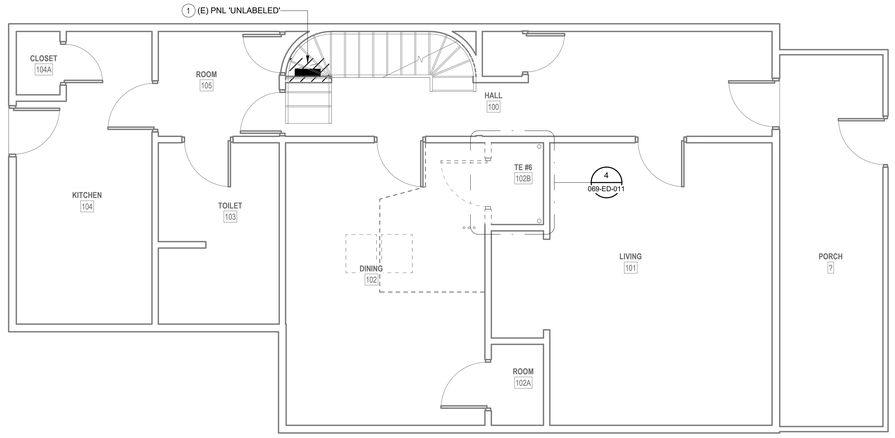
3 LEVEL 2 DEMOLITION PLAN - BLDG. 69
1/4" = 1'-0"



4 ENLARGED DEMOLITION PLAN - TR RM 102B
1/2" = 1'-0"



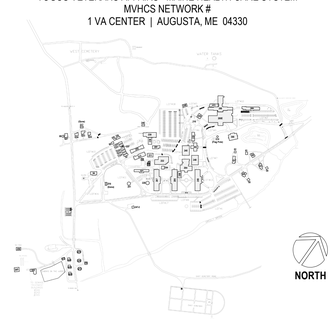
1 BASEMENT DEMOLITION PLAN - BLDG. 69
1/4" = 1'-0"



2 LEVEL 1 DEMOLITION PLAN - BLDG. 69
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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GDM ARCHITECTS • ENGINEERS

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REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 69 BASEMENT, LEVEL 1, & 2 DEMOLITION PLAN - BLDG. 69	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 69
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 069-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT				DISCONNECT		NOTES
							RACEWAY	PHASE	N	G	SIZE	FUSE	
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
69-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
69-OU-1	208/1	-	-	-	16.00	25	3/4"	2#10	-	#10	30	30	1

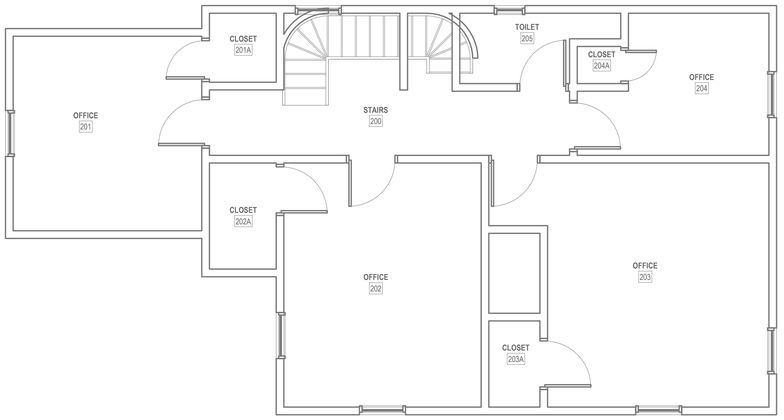
NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

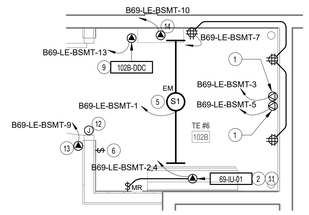
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO FEEDER SCHEDULE ON THIS SHEET FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.
6. REFER TO PARTIAL ONE-LINE ON SHEET 069-EJ-001 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

KEY NOTES

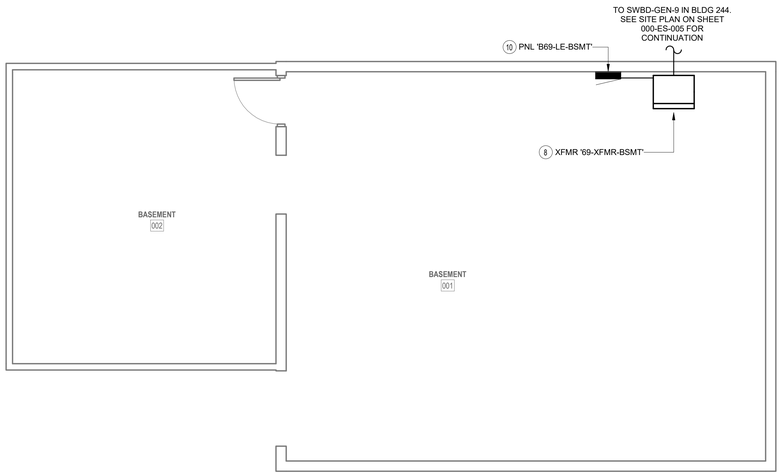
1 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE POWER. ALIGN JUNCTION BOX TO ENCLOSURE CUTOUT BEHIND RACK.
2 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.
4 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
6 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
7 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.
8 CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
10 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT. REROUTE EXISTING FEEDERS FROM REMOVED PANEL ON 069-ED-011 TO AVAILABLE SPACES IN THIS PANEL.
11 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
12 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
13 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
14 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



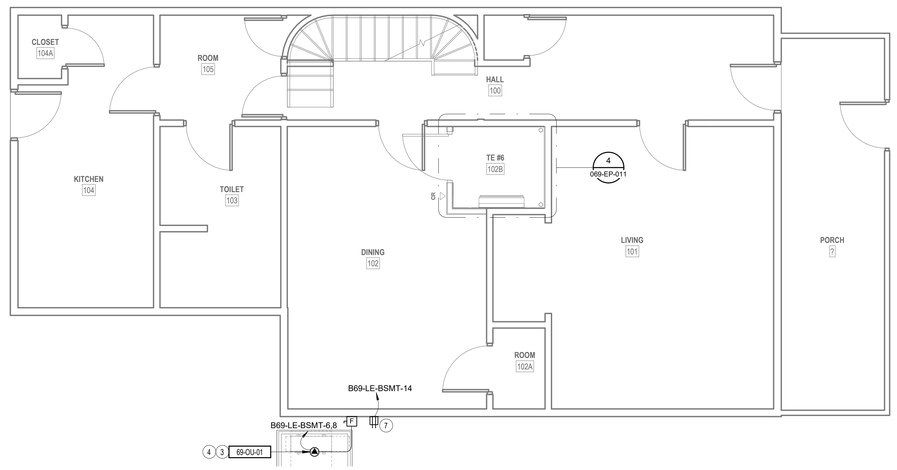
3 LEVEL 2 POWER PLAN - BLDG. 69
1/4" = 1'-0"



4 ENLARGED POWER PLAN - TR RM 102B
1/2" = 1'-0"



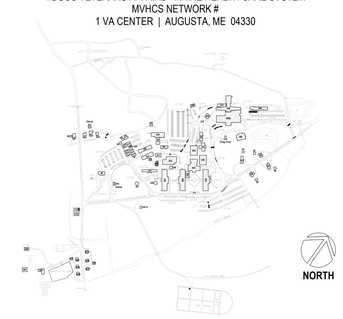
1 BASEMENT POWER PLAN - BLDG. 69
1/4" = 1'-0"



2 LEVEL 1 POWER PLAN - BLDG. 69
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 69 BASEMENT & LEVEL 1, 2 POWER PLAN - BLDG. 69	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 69
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 069-EP-011

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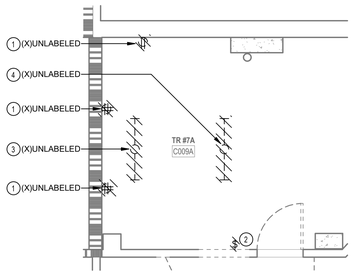
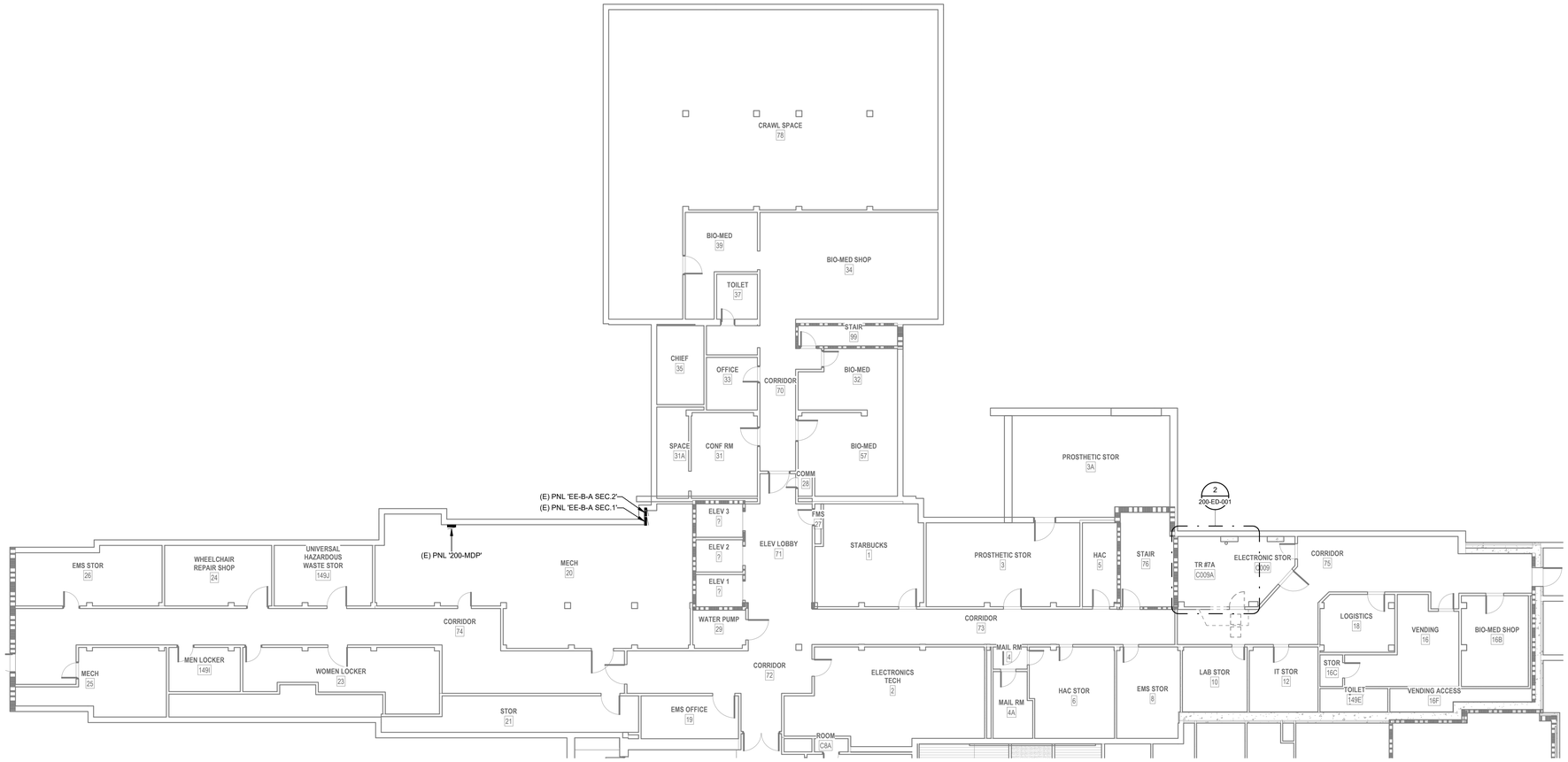


2 ENLARGED DEMOLITION PLAN - TR RM 9

1/4" = 1'-0"



1 GROUND LEVEL DEMOLITION PLAN - BLDG. 200

3/32" = 1'-0"

DEMOLITION GENERAL NOTES

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KEY NOTES

1 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

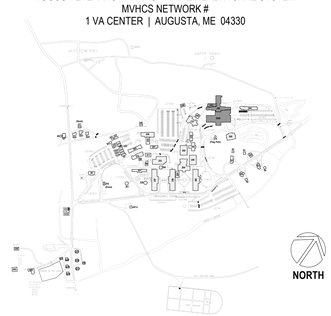
2 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

4 LIGHT FIXTURE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY FOR EXISTING LIGHT FIXTURES TO REMAIN.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 GROUND LEVEL DEMOLITION PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-ED-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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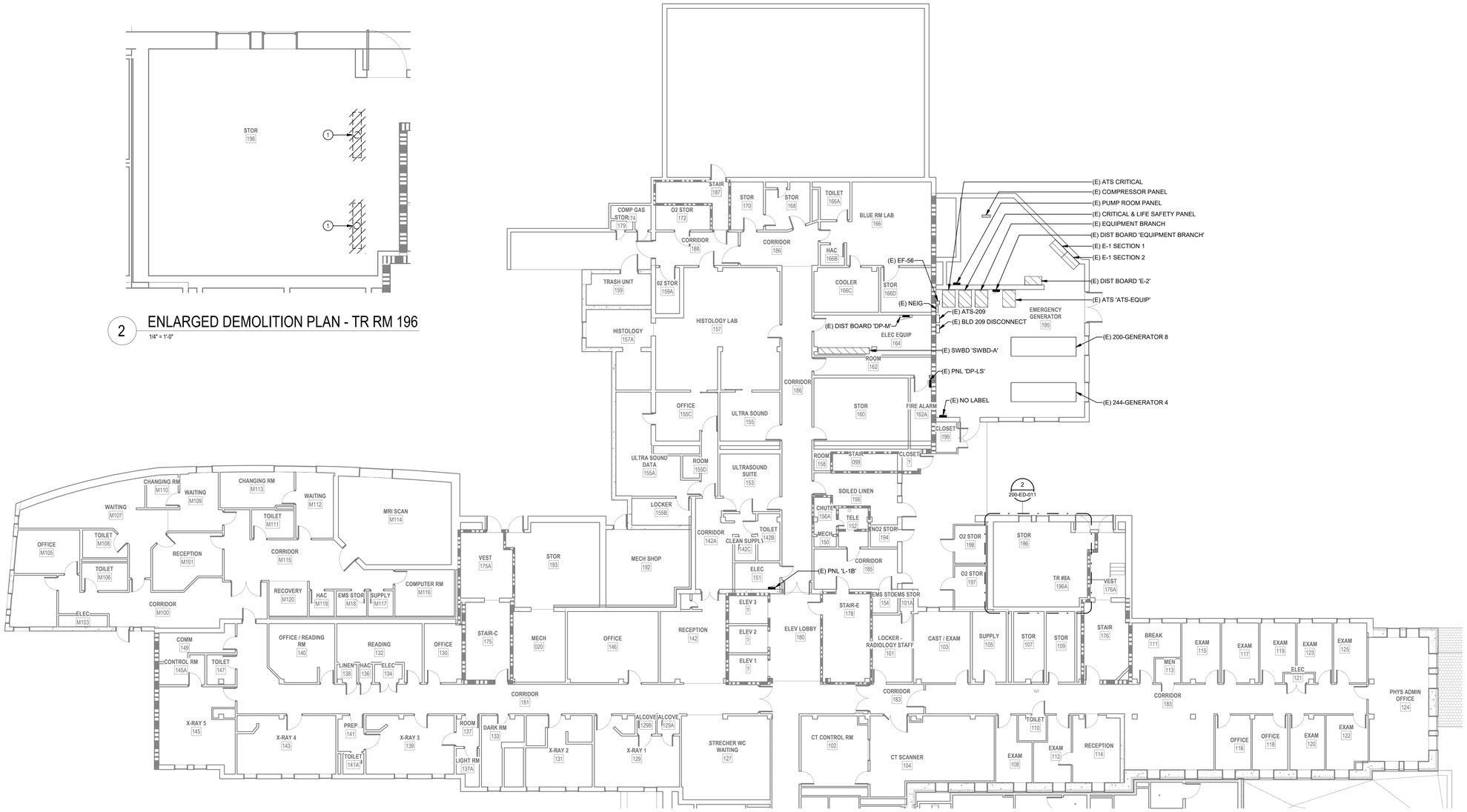
KEY NOTES

1 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

2 ENLARGED DEMOLITION PLAN - TR RM 196

1/4" = 1'-0"

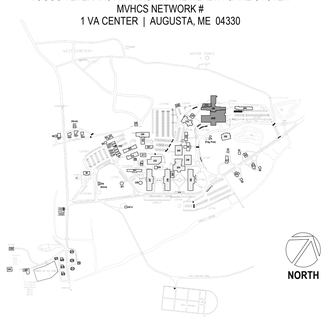


1 LEVEL 1 DEMOLITION PLAN - BLDG. 200

3/32" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 1 DEMOLITION PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
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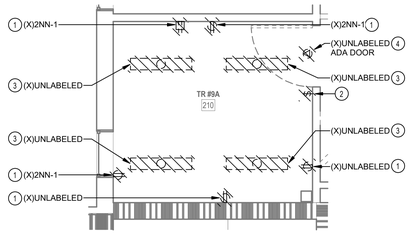
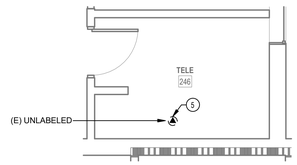


2 ENLARGED DEMOLITION PLAN - TR RM 210

1/4" = 1'-0"



3 ENLARGED DEMOLITION PLAN - TR RM 246

1/4" = 1'-0"

1 LEVEL 2 DEMOLITION PLAN - BLDG. 200

3/32" = 1'-0"

DEMOLITION GENERAL NOTES

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KEY NOTES

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2 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

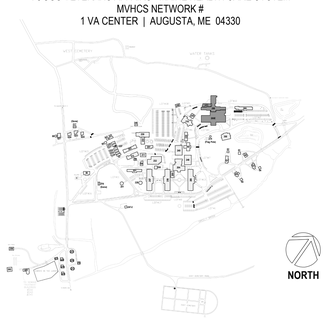
3 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

4 EXISTING DORMA AUTOMATIC DOOR EQUIPMENT TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

5 EXISTING UPS TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT, CONDUCTORS, AND JUNCTION BOXES BACK TO SOURCE.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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EDWARD J. GRIFFITH
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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 2 DEMOLITION PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-ED-021
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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DEMOLITION GENERAL NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING CEILING MOUNTED PATIENT STATION LIGHT TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.
2 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.
3 EXISTING ELECTRICAL DEVICES AND ASSOCIATED HEADWALL TO BE REMOVED. REMOVED CONDUIT AND CONDUCTORS BACK TO SOURCE.
4 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.
5 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

1 LEVEL 3 DEMOLITION PLAN - BLDG. 200
3/32" = 1'-0"

2 ENLARGED DEMOLITION PLAN - TR RM 358J
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 3 DEMOLITION PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 200-ED-031

VA FORM 08 - 6231

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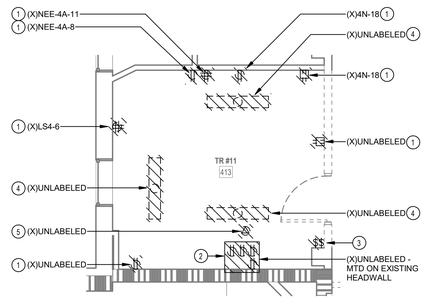
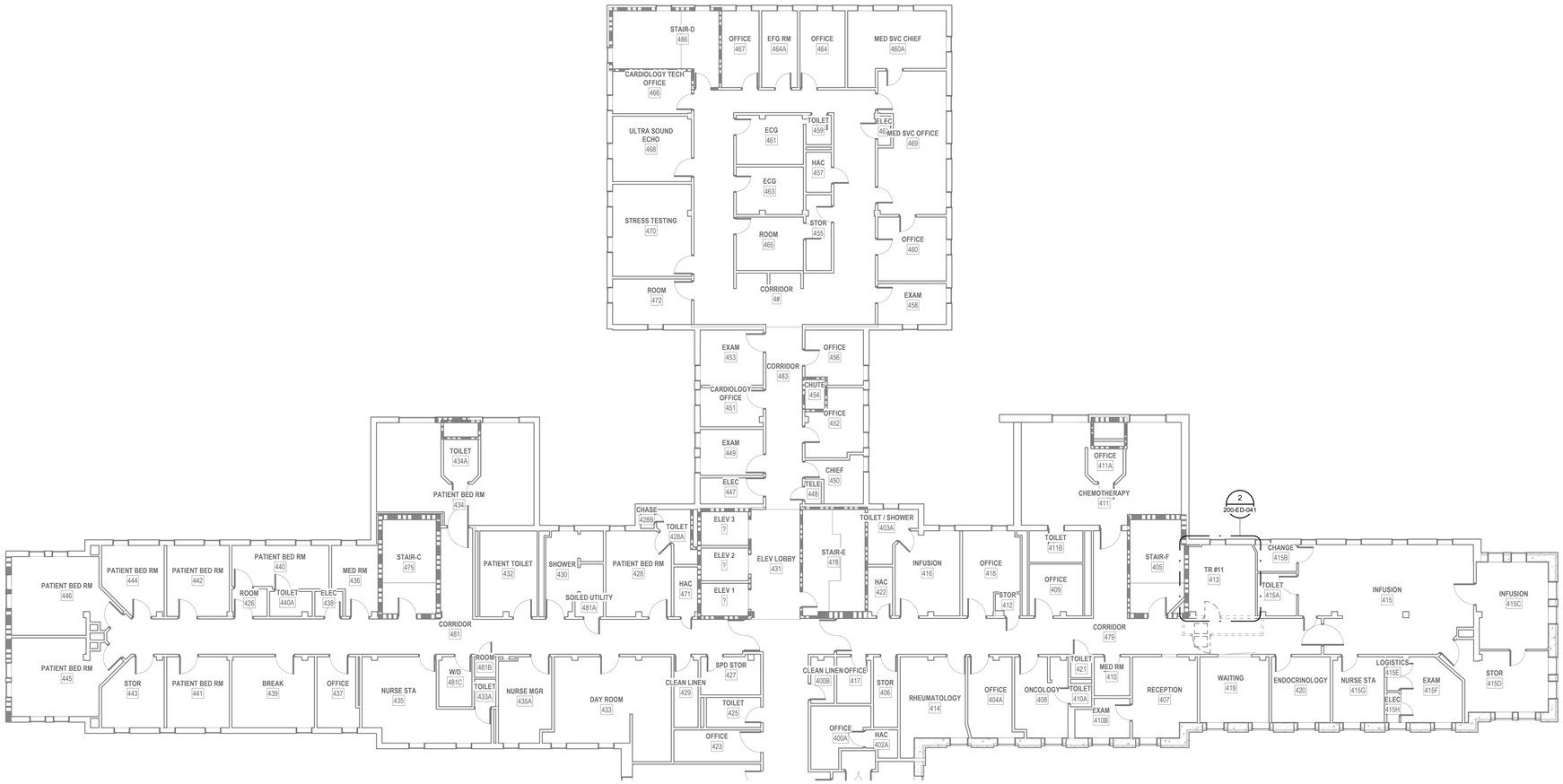


2 ENLARGED DEMOLITION PLAN - TR RM 413

1/4" = 1'-0"



1 LEVEL 4 DEMOLITION PLAN - BLDG. 200

3/32" = 1'-0"

DEMOLITION GENERAL NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING ELECTRICAL DEVICES AND ASSOCIATED HEADWALL TO BE REMOVED. REMOVED CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

4 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

5 EXISTING PATIENT LIFT EQUIPMENT TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 4 DEMOLITION PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-ED-041
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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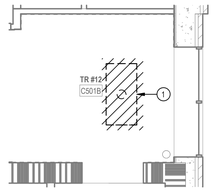
DEMOLITION GENERAL NOTES

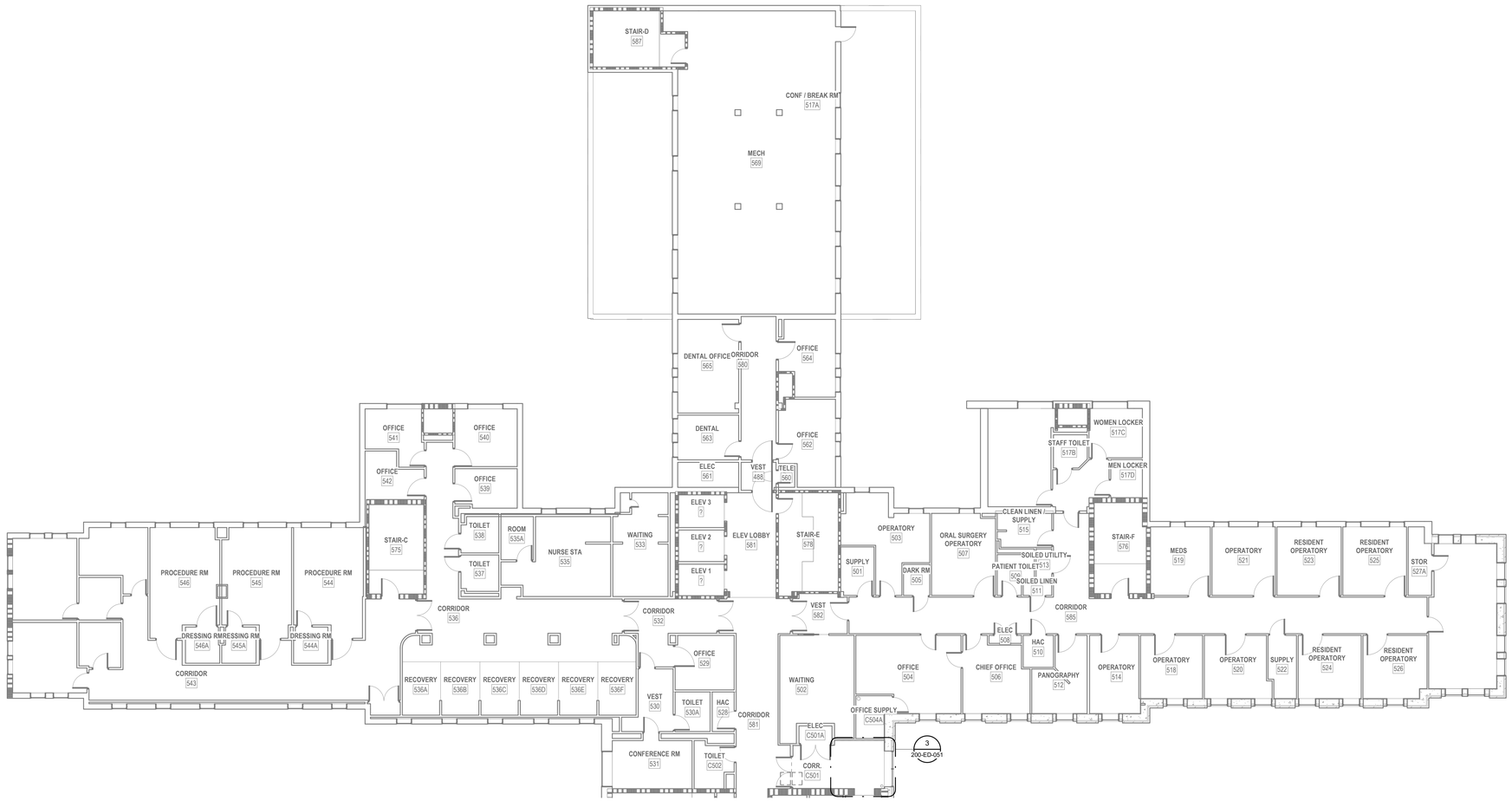
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.



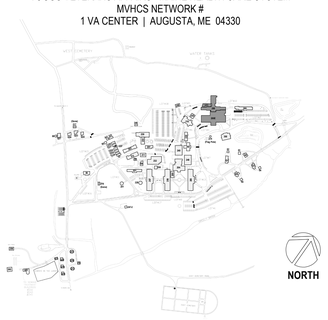
3 ENLARGED DEMOLITION PLAN - TR RM C501B
1/4" = 1'-0"



1 LEVEL 5 DEMOLITION PLAN - BLDG. 200
3/32" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 5 DEMOLITION PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-ED-051
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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2 ENLARGED DEMOLITION PLAN - TR RM 635

1/4" = 1'-0"

1 LEVEL 6 DEMOLITION PLAN - BLDG. 200

1/8" = 1'-0"

DEMOLITION GENERAL NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
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KEY NOTES

1 EXISTING UPS TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT, CONDUCTORS, AND JUNCTION BOXES BACK TO SOURCE.

2 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 6 DEMOLITION PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-ED-061
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-4	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-5	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-6	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-7	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200-OU-1	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1
200-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-5	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-6	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-7	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

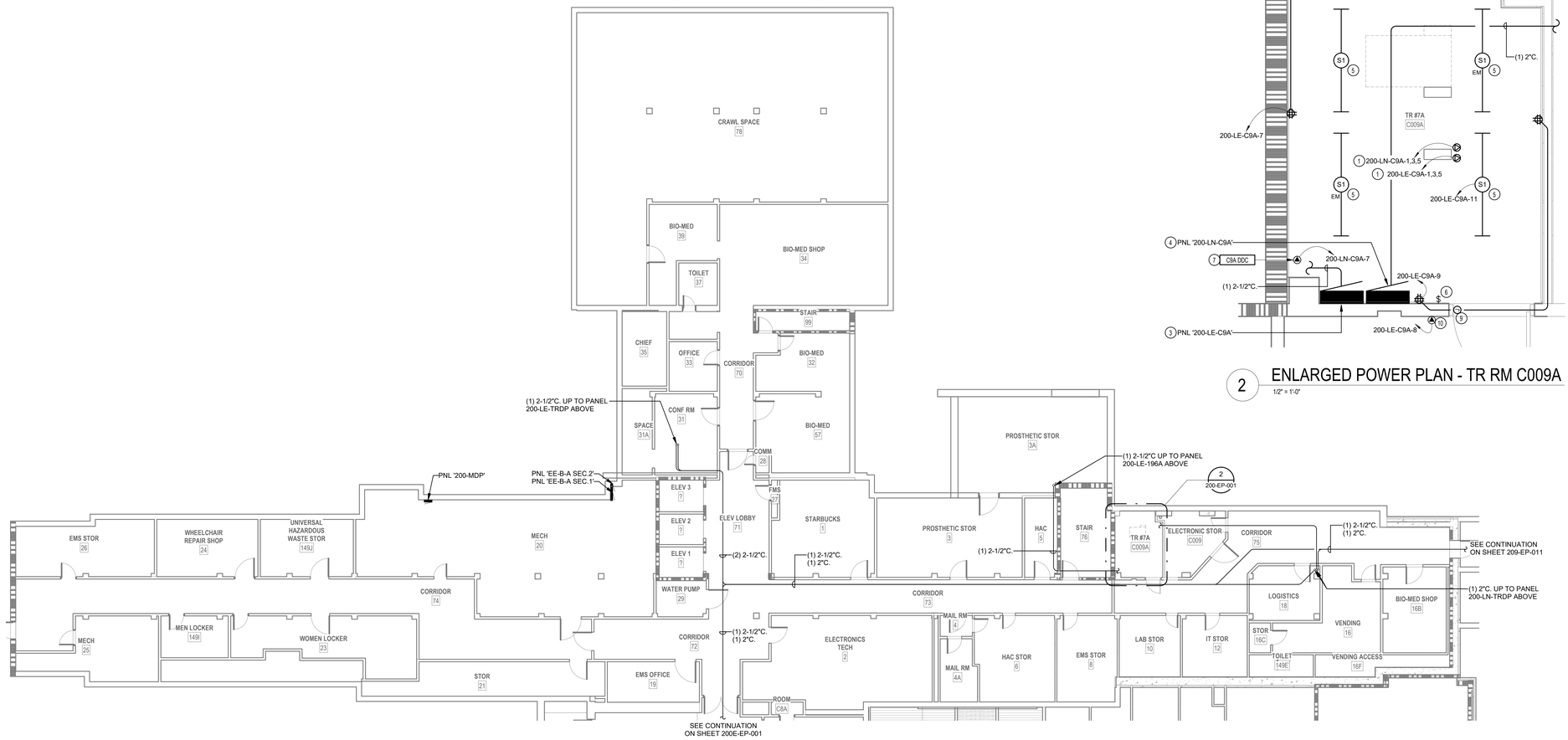
NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

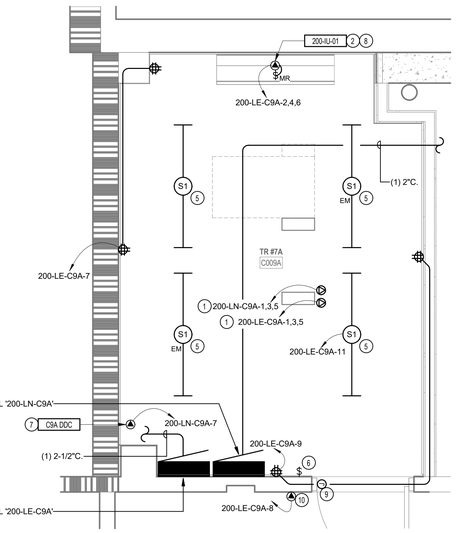
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
3 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
4 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
5 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
6 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
8 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
9 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
10 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.



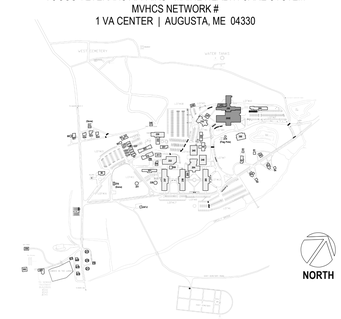
1 GROUND LEVEL POWER PLAN - BLDG. 200
3/32" = 1'-0"



2 ENLARGED POWER PLAN - TR RM C009A
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 GROUND LEVEL POWER PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-EP-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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11/6/2025 5:31:10 PM

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-4	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-5	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-6	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-7	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200-OU-1	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1
200-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-5	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-6	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-7	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.

2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

3 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

4 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

5 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

6 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

7 CONTRACTOR TO PROVIDE NEW 208V, 800A, AUTOMATIC TRANSFER SWITCH. CONTRACTOR TO PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. REFER TO 200-EJ-004 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

8 CONTRACTOR TO PROVIDE NEW 208V, 800A, 3-PHASE DISTRIBUTION PANEL. CONTRACTOR TO PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. REFER TO 200-EJ-004 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

9 CONTRACTOR TO PROVIDE NEW 480V, 400A ENCLOSED CIRCUIT BREAKER AND TAP FROM THE LOAD SIDE OF THE MAIN CIRCUIT BREAKER IN ACCORDANCE WITH NEC 240.21(B)(3). PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

10 CONTRACTOR TO PROVIDE NEW 225KVA TRANSFORMER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

11 CONTRACTOR TO PROVIDE NEW 208V, 400A, 3-PHASE PANELBOARD. CONTRACTOR TO PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. REFER TO 200-EJ-002 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

12 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

13 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

14 CONTRACTOR TO PROVIDE NEW 208V, 800A ENCLOSED CIRCUIT BREAKER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

15 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

16 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

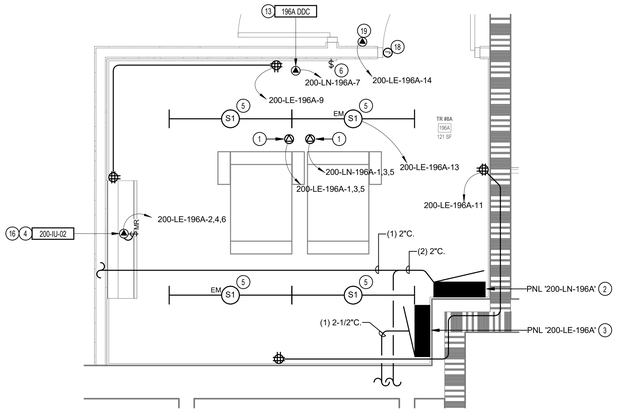
17 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

18 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

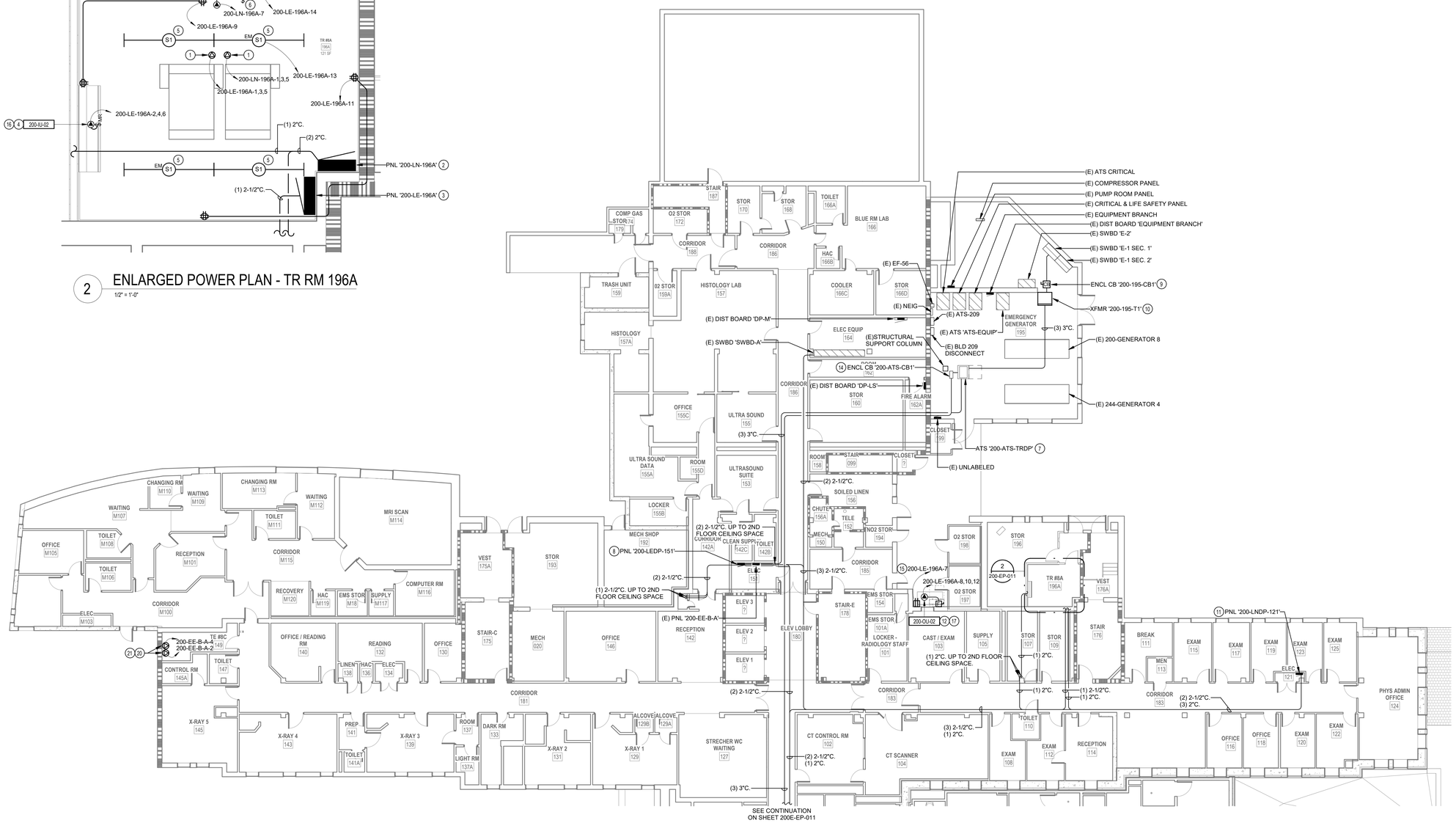
19 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

20 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE UPS. ALIGN JUNCTION BOX TO ENCLOSURE 6"X6" CUTOUT BEHIND RACK. L5-30 RECEPTACLES TO BE MOUNTED IN SINGLE JUNCTION BOX UNLESS OTHERWISE NOTED.

21 CONTRACTOR SHALL PROVIDE NEW 30A/1P BREAKER IN EXISTING SPACE TO FEED NEW L5-30 SERVING TE IN RM 149. MATCH EXISTING TYPE AND MANUFACTURER.



2 ENLARGED POWER PLAN - TR RM 196A
1/2" = 1'-0"



1 LEVEL 1 POWER PLAN - BLDG. 200
3/32" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT
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VANCOUVER, WA 98685
PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 1 POWER PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-200-200E_Electrical_r22.rvt 12/17/2025 4:29:44 PM

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-4	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-5	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-6	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-7	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200-OU-1	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1
200-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-5	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-6	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-7	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
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GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
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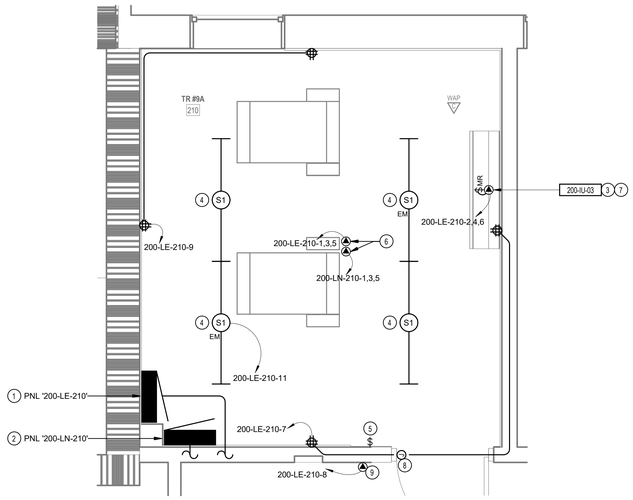
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6 CONTRACTOR TO PROVIDE NEW 208V, 60A, 3-PHASE POWER TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW RACK POWER. JUNCTION BOX TO BE MOUNTED DIRECTLY ON CABLE TRAY.
7 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
8 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.



2 ENLARGED POWER PLAN - TR RM 210
1/2" = 1'-0"

1 LEVEL 2 POWER PLAN - BLDG. 200
3/32" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT
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PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 2 POWER PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-EP-021
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-4	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-5	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-6	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-7	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200-OU-1	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1
200-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-5	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-6	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-7	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
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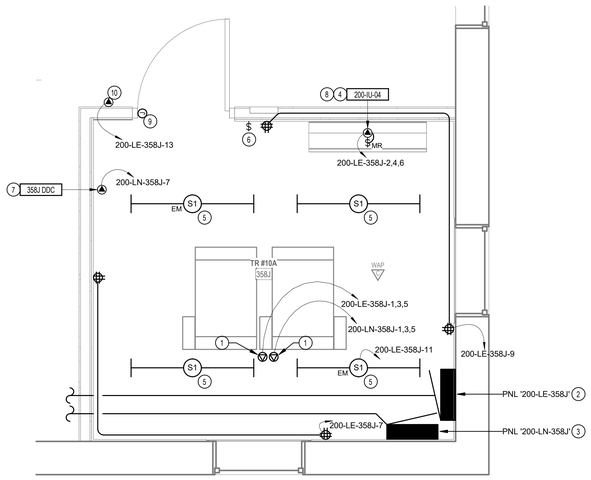
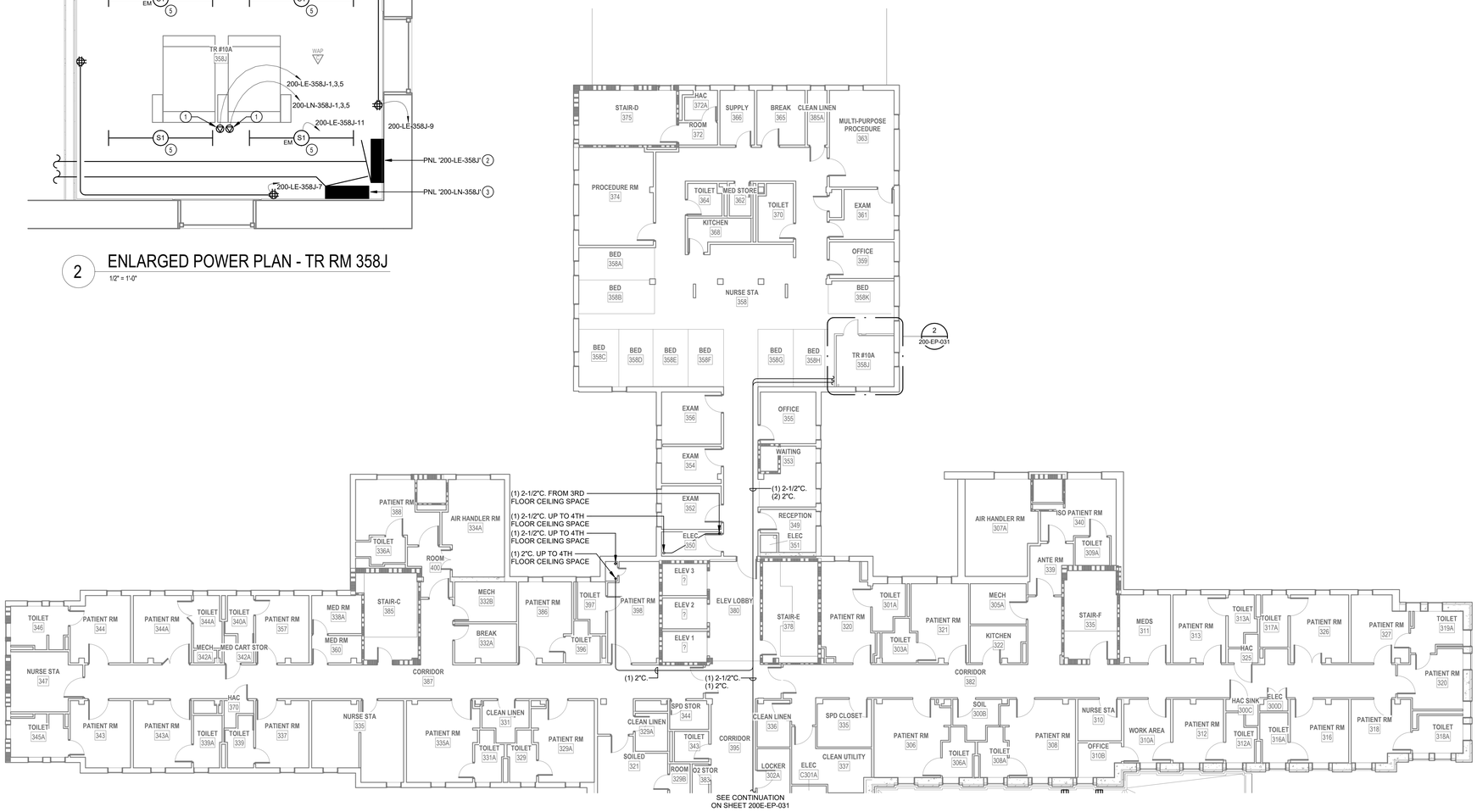
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
4 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
5 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
6 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
8 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
9 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
10 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.



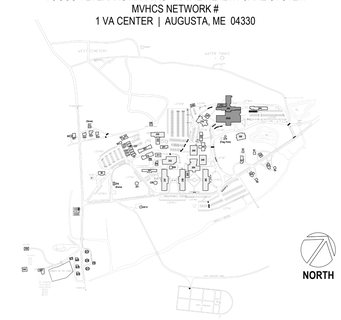
2 ENLARGED POWER PLAN - TR RM 358J
1/2" = 1'-0"



1 LEVEL 3 POWER PLAN - BLDG. 200
3/32" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 3 POWER PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-EP-031
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-4	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-5	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-6	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-7	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200-OU-1	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1
200-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-5	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-6	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-7	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

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1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.

2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

3 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

4 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

5 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

6 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

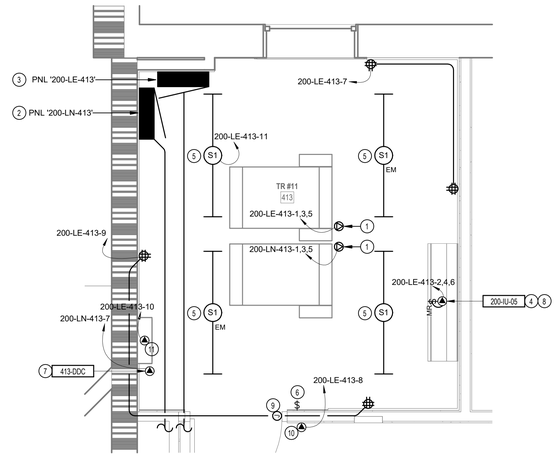
8 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

9 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

10 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

11 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.

1 LEVEL 4 POWER PLAN - BLDG. 200
3/32" = 1'-0"



2 ENLARGED POWER PLAN - TR RM 413
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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VANCOUVER, WA 98685
PH: 541-436-4723

GDM ARCHITECTS · ENGINEERS

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 4 POWER PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-EP-041
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-200-200E_Electrical_r22.rvt

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-4	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-5	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-6	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-7	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200-OU-1	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1
200-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-5	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-6	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-7	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.

2 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

3 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

7 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

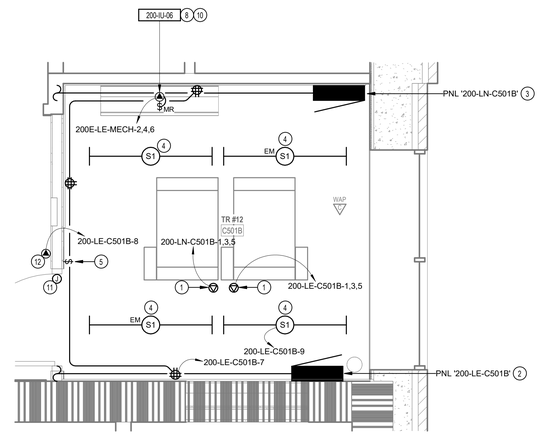
9 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

10 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

11 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

12 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

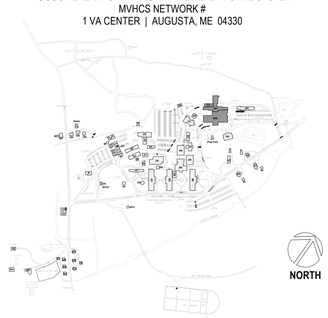
1 LEVEL 5 POWER PLAN - BLDG. 200
3/32" = 1'-0"



2 ENLARGED POWER PLAN - TR RM C501B
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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EDWARD J. MEYER, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE	BUILDING 200 LEVEL 5 POWER PLAN - BLDG. 200
PHASE	100% CONSTRUCTION DOCUMENTS
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER	402-22-700
BUILDING NUMBER	200
APPROVED:	
FLS	FULLY SPRINKLERED
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	NOVEMBER 10, 2025
CHECKED BY	MER
DRAWN BY	AJW
DRAWING NUMBER	200-EP-051

VA FORM 08 - 6231

REISSUED 02-18-2026

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LUMINAIRE SCHEDULE

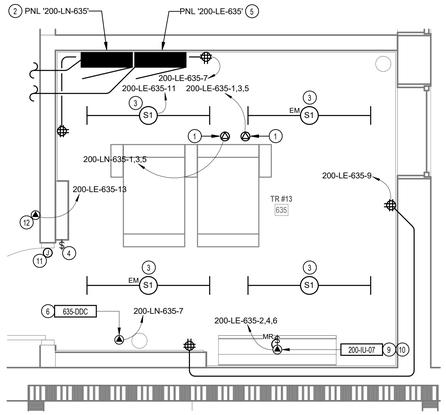
TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

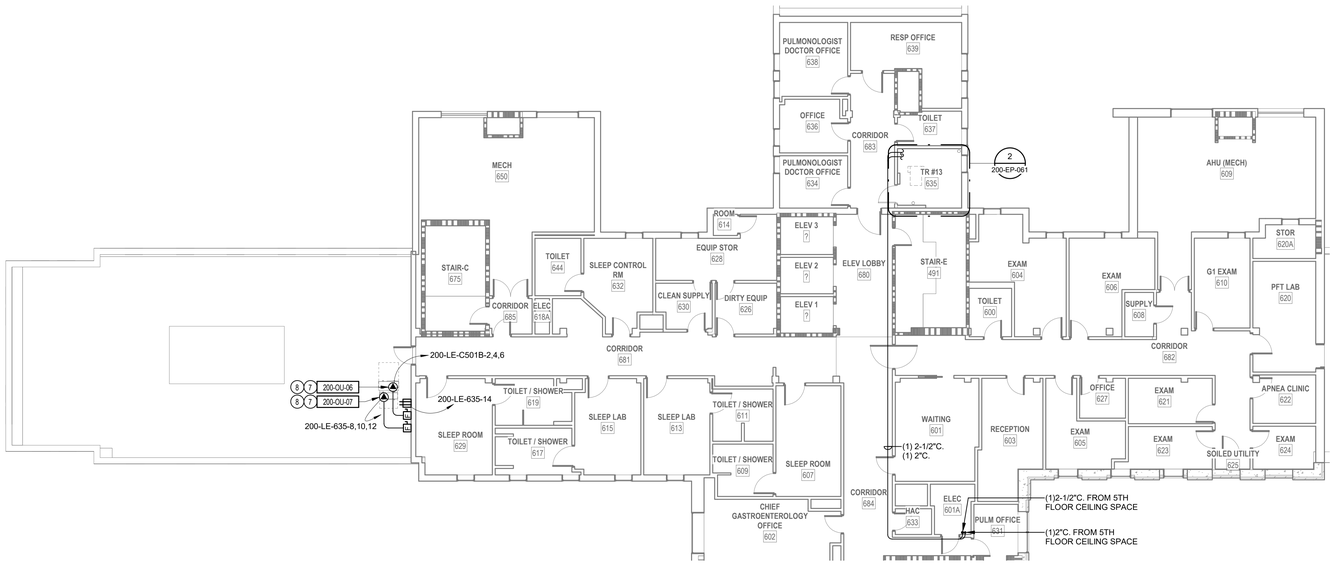
EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-4	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-5	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-6	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
200-IU-7	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200-OU-1	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1
200-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-5	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-6	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200-OU-7	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.



2 ENLARGED POWER PLAN - TR RM 635

1/2" = 1'-0"



1 LEVEL 6 POWER PLAN - BLDG. 200

3/32" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.

2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

3 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

4 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

5 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

8 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

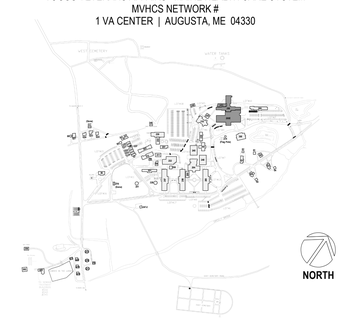
10 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

11 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

12 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



NORTH

Revisions:	Date:

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STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 6 POWER PLAN - BLDG. 200	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 200-EP-061

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-200-200E_Electrical_r22.rvt 11/6/2025 5:31:19 PM

DEMOLITION GENERAL NOTES

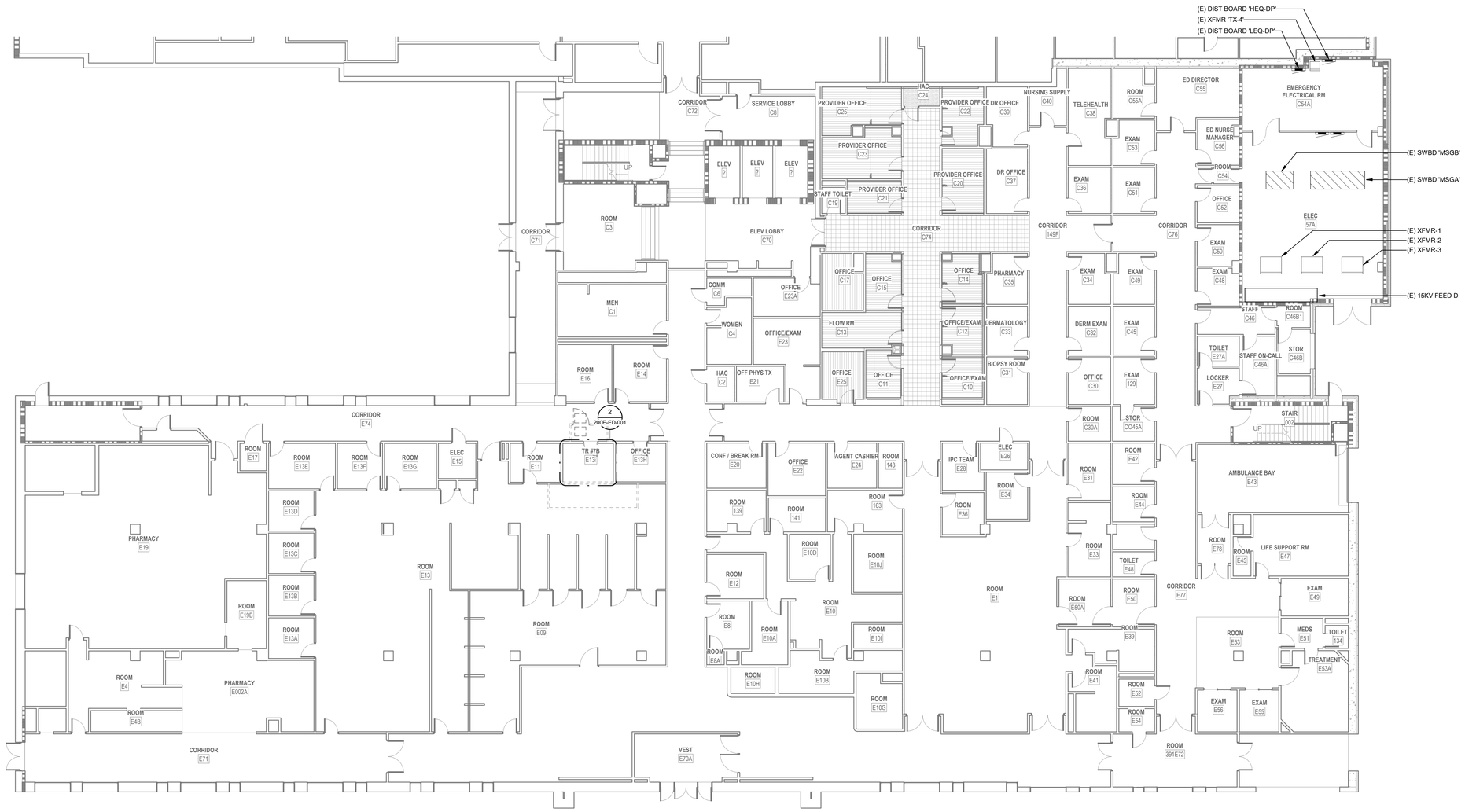
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

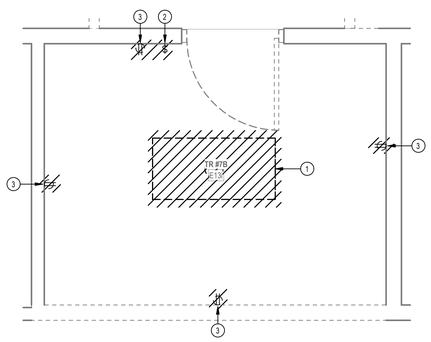
2 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



1 PARTIAL GROUND LEVEL DEMOLITION PLAN - BLDG. 200E

3/32" = 1'-0"

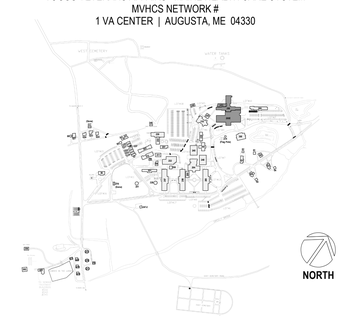


2 ENLARGED DEMOLITION PLAN - TR RM E13I

1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT

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BILLINGS, MT 59101
PH: 406.248.2633
<To Be Determined>, AIA

ARCHITECT/ENGINEER OF RECORD

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1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

GDM ARCHITECTS • ENGINEERS

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EDWARD J. MCCARTHY, STATE OF WASHINGTON, 20170708, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200E GROUND LEVEL DEMOLITION PLAN - BLDG. 200E	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200E
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 200E-ED-001

VA FORM 08 - 6231

REISSUED 02-18-2026

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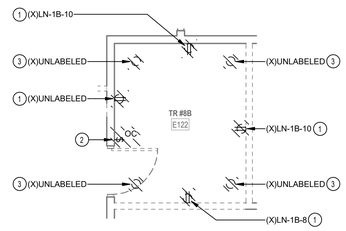

2 ENLARGED DEMOLITION PLAN - TR RM E122

1/4" = 1'-0"

1 LEVEL 1 DEMOLITION PLAN - BLDG. 200E

3/32" = 1'-0"

DEMOLITION GENERAL NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING ENCLOSED CIRCUIT BREAKER TO BE REMOVED. REMOVE EXISTING CONDUIT AD CONDUCTORS FROM SUPPLY-SIDE BACK TO SOURCE. CONDUIT AND CONDUCTORS ON SECONDARY-SIDE TO REMAIN.

3 LIGHT FIXTURE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY FOR EXISTING LIGHT FIXTURES TO REMAIN.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

ARCHITECT:
A&E DESIGN
129 NORTH 29th STREET, SUITE 100
BILLINGS, MT 59101
PH: 406.248.2633
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ARCHITECT/ENGINEER OF RECORD

A/E:
GDM-AE INC
1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

STAMP

EDWARD J. MEYER — STATE OF WASHINGTON — 46759 — REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200E LEVEL 1 DEMOLITION PLAN - BLDG. 200E	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200E
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200E-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-200-200E_Electrical_v22.rvt

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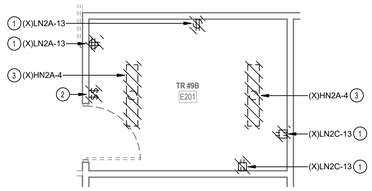


2 ENLARGED DEMOLITION PLAN - TR RM E201

1/4" = 1'-0"

1 LEVEL 2 DEMOLITION PLAN - BLDG. 200E

3/32" = 1'-0"

DEMOLITION GENERAL NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

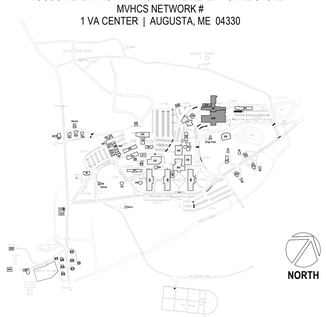
1 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING ENCLOSED CIRCUIT BREAKER TO BE REMOVED. REMOVE EXISTING CONDUIT AD CONDUCTORS FROM SUPPLY-SIDE BACK TO SOURCE. CONDUIT AND CONDUCTORS ON SECONDARY-SIDE TO REMAIN.

3 LIGHT FIXTURE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY FOR EXISTING LIGHT FIXTURES TO REMAIN.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT

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GDM ARCHITECTS • ENGINEERS

STAMP

STATE OF WASHINGTON · EDWARD E. DEVINE · 18709 · REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200E LEVEL 2 DEMOLITION PLAN - BLDG. 200E	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200E
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200E-ED-021
		ISSUE DATE: NOVEMBER 10, 2025 · CHECKED BY: MER · DRAWN BY: AJW	

VA FORM 08 - 6231

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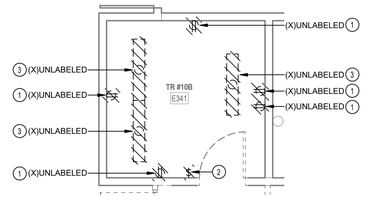
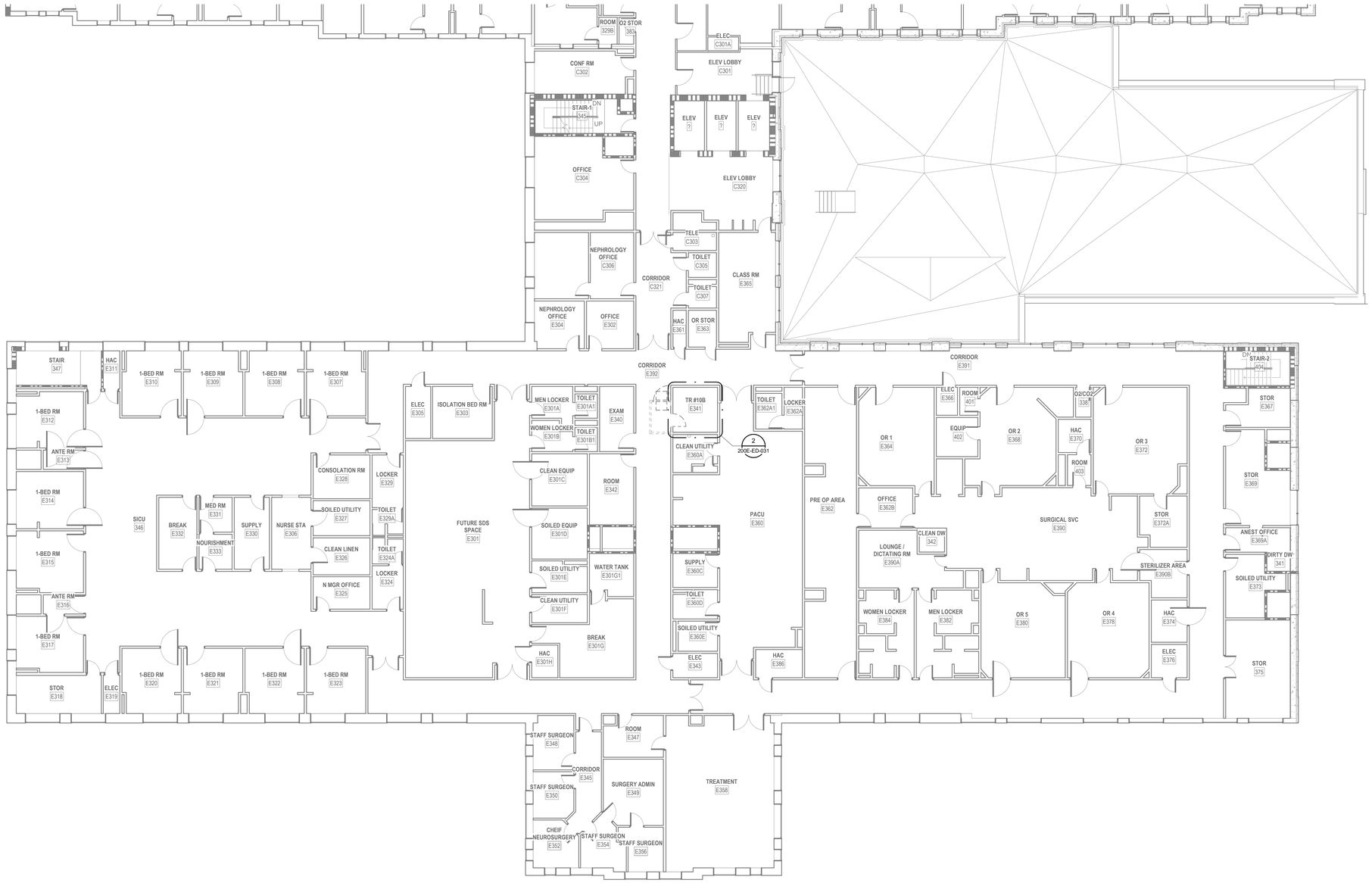


2 ENLARGED DEMOLITION PLAN - TR RM E341

1/4" = 1'-0"



1 LEVEL 3 DEMOLITION PLAN - BLDG. 200E

3/32" = 1'-0"

DEMOLITION GENERAL NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING ENCLOSED CIRCUIT BREAKER TO BE REMOVED. REMOVE EXISTING CONDUIT AD CONDUCTORS FROM SUPPLY-SIDE BACK TO SOURCE. CONDUIT AND CONDUCTORS ON SECONDARY-SIDE TO REMAIN.

3 LIGHT FIXTURE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY FOR EXISTING LIGHT FIXTURES TO REMAIN.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

ARCHITECT:
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ARCHITECT/ENGINEER OF RECORD

A/E:
GDM-AE INC
1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200E LEVEL 3 DEMOLITION PLAN - BLDG. 200E	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200E
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 200E-ED-031

VA FORM 08 - 6231

REISSUED 02-18-2026

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200E-IU-1	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-2	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-3	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-4	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200E-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1

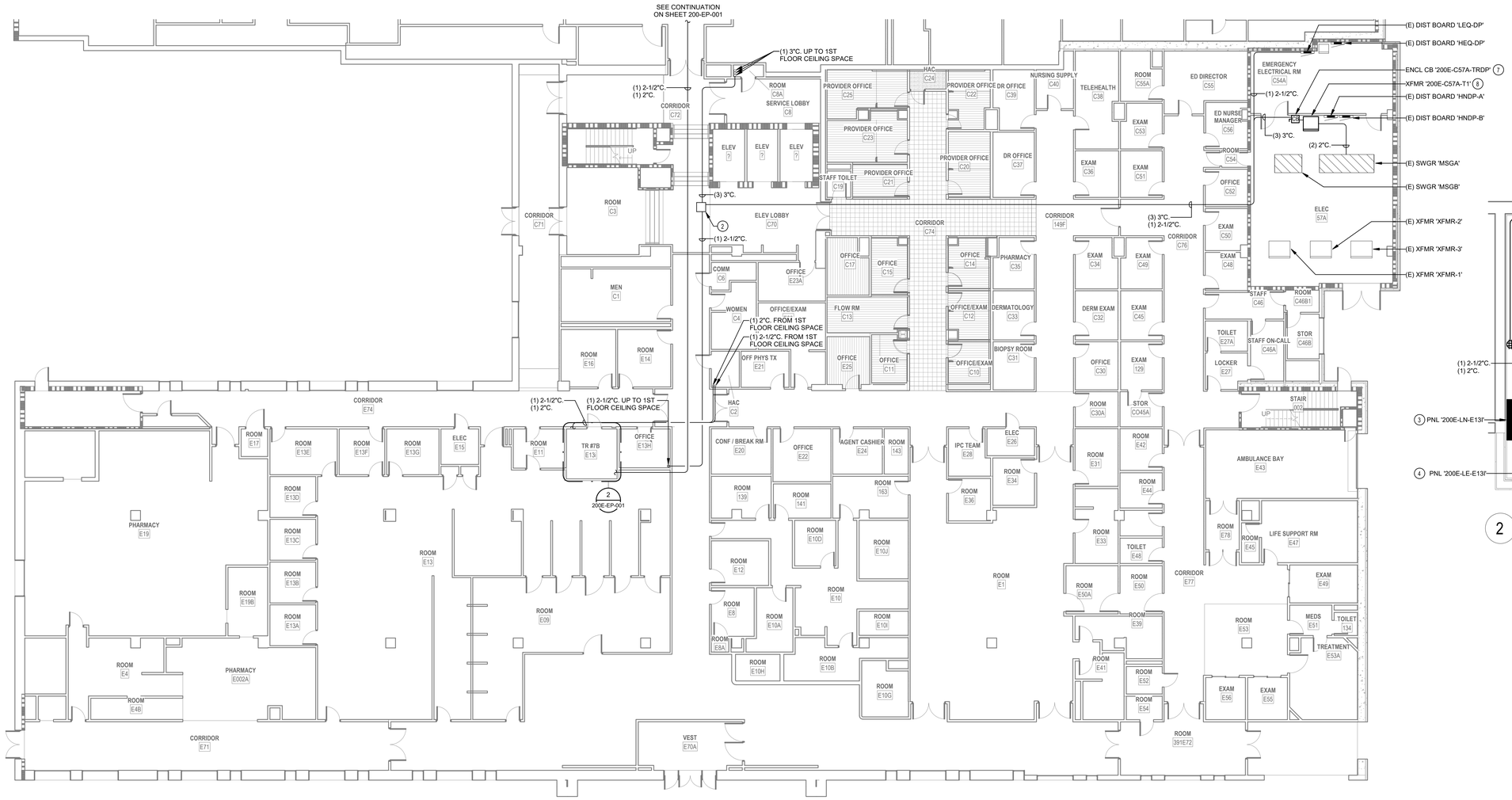
NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

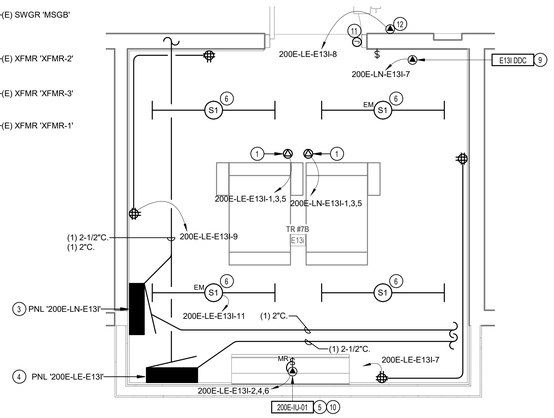
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1. CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2. CONTRACTOR TO PROVIDE NEW 24" X 24" PULLBOX. PROVIDE ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE ASSEMBLY.
3. CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
4. CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
5. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
6. CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
7. CONTRACTOR TO PROVIDE NEW 800A/3P ENCLOSED CIRCUIT BREAKER AND ENCLOSURE TO BE MOUNTED ON WALL.
8. CONTRACTOR TO PROVIDE NEW 225KVA TRANSFORMER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
9. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
10. CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
11. CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
12. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.



1 PARTIAL GROUND LEVEL POWER PLAN - BLDG. 200E
3/32" = 1'-0"



2 ENLARGED POWER PLAN - TR RM E13I
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

ARCHITECT:
A&E DESIGN
129 NORTH 29th STREET, SUITE 100
BILLINGS, MT 59101
PH: 406.248.2633
<To Be Determined>, AIA

ARCHITECT/ENGINEER OF RECORD

A/E:
GDM-AE INC
1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200E GROUND LEVEL POWER PLAN - BLDG. 200E	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200E
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 200E-EP-001

VA FORM 08 - 6231

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200E-IU-1	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-2	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-3	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-4	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200E-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1

NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.

2 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

3 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

4 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

5 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

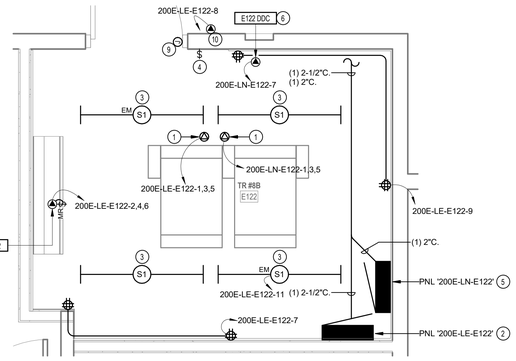
7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

8 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

9 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

10 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

1 LEVEL 1 POWER PLAN - BLDG. 200E
3/32" = 1'-0"



2 ENLARGED POWER PLAN - TR RM E122
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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<To Be Determined>, AIA

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PH: 541-436-4723

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200E LEVEL 1 POWER PLAN - BLDG. 200E	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200E
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 200E-EP-011

VA FORM 08 - 6231

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200E-IU-1	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-2	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-3	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-4	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200E-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
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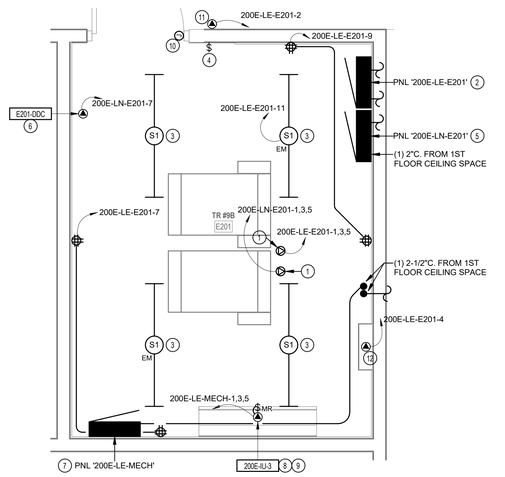
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
4 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
5 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
7 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
9 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
10 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
11 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
12 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.

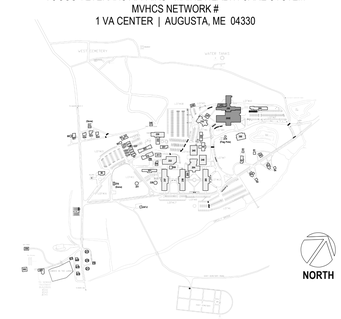
1 LEVEL 2 POWER PLAN - BLDG. 200E
3/32" = 1'-0"



2 ENLARGED POWER PLAN - TR RM E201
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE BUILDING 200E LEVEL 2 POWER PLAN - BLDG. 200E	PHASE 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER 402-22-700
			BUILDING NUMBER 200E
APPROVED:	FLS FULLY SPRINKLERED	LOCATION TOGUS VA MEDICAL CENTER	DRAWING NUMBER 200E-EP-021
		ISSUE DATE NOVEMBER 10, 2025 / CHECKED BY MER / DRAWN BY AJW	

REISSUED 02-18-2026

VA FORM 08 - 6231

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
200E-IU-1	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-2	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-3	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
200E-IU-4	208/1	-	-	-	15.00	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
200E-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
200E-OU-4	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1

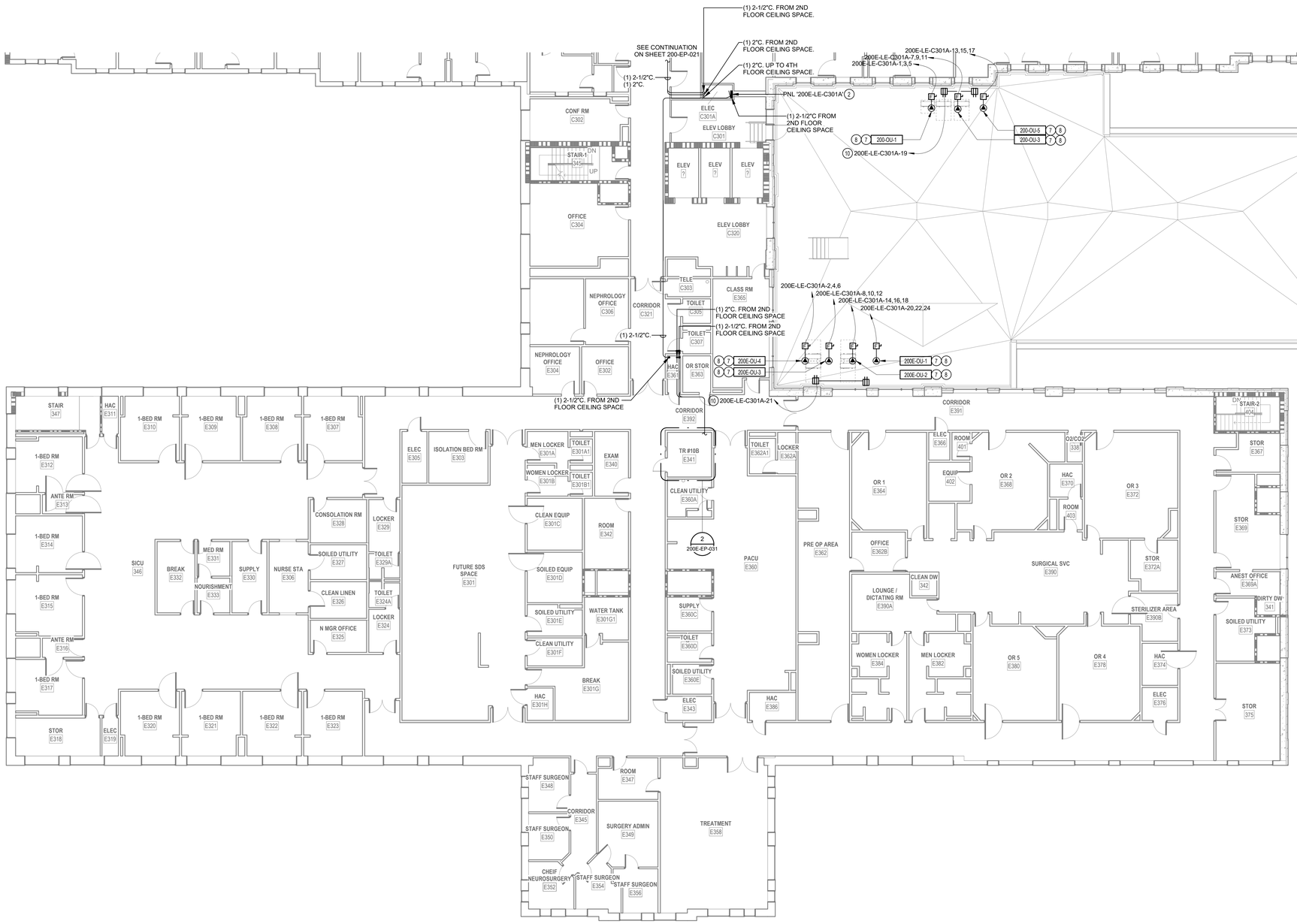
NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

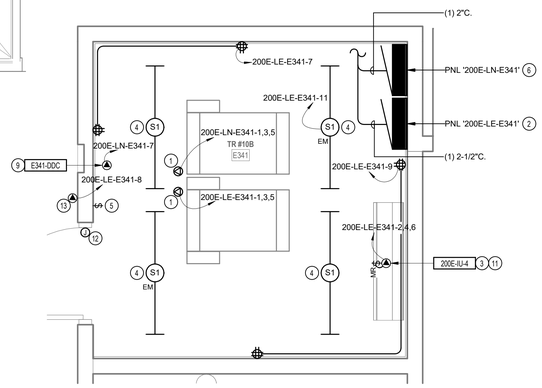
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1. CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2. CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4. CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5. CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6. CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
7. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.
8. CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW CRAC CONDENSING UNIT.
9. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
10. CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.
11. CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
12. CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
13. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.



1 LEVEL 3 POWER PLAN - BLDG. 200E
3/32" = 1'-0"



2 ENLARGED POWER PLAN - TR RM E341
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200E LEVEL 3 POWER PLAN - BLDG. 200E	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200E
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200E-EP-031
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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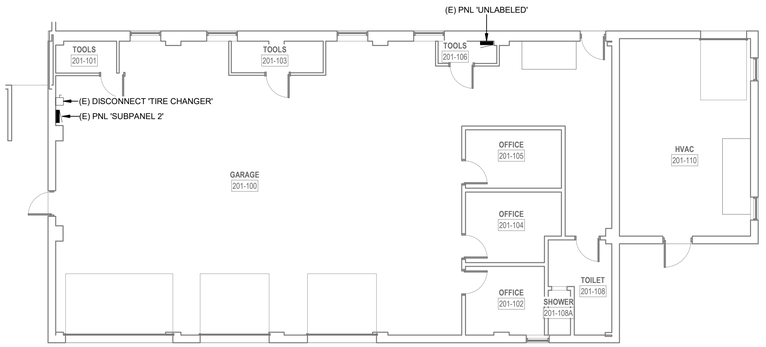
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

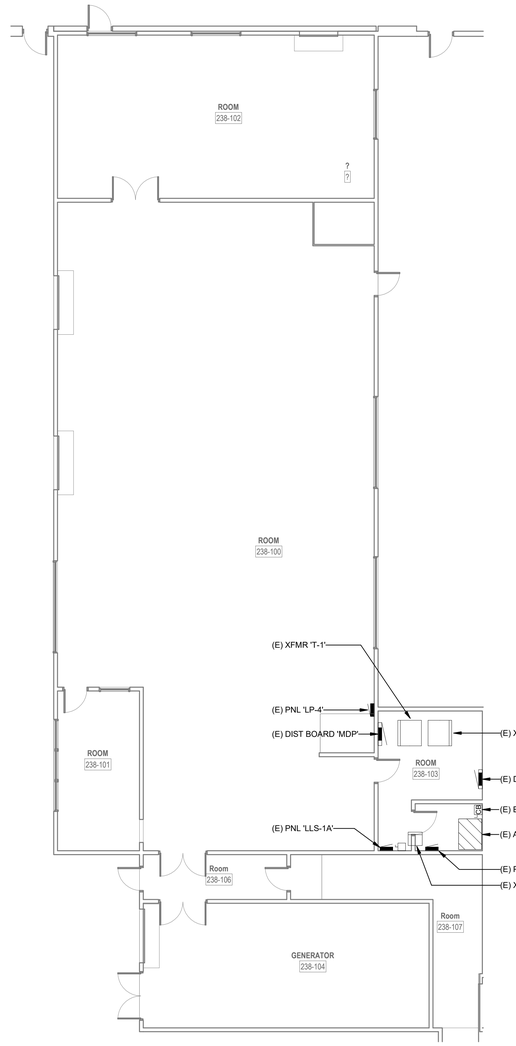
KEY NOTES

1 EXISTING UPS TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT, CONDUCTORS, AND JUNCTION BOXES BACK TO SOURCE.

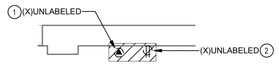
2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



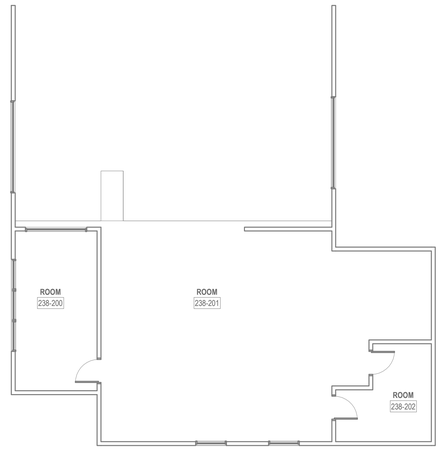
2 LEVEL 1 DEMOLITION PLAN - BLDG. 201
1/8" = 1'-0"



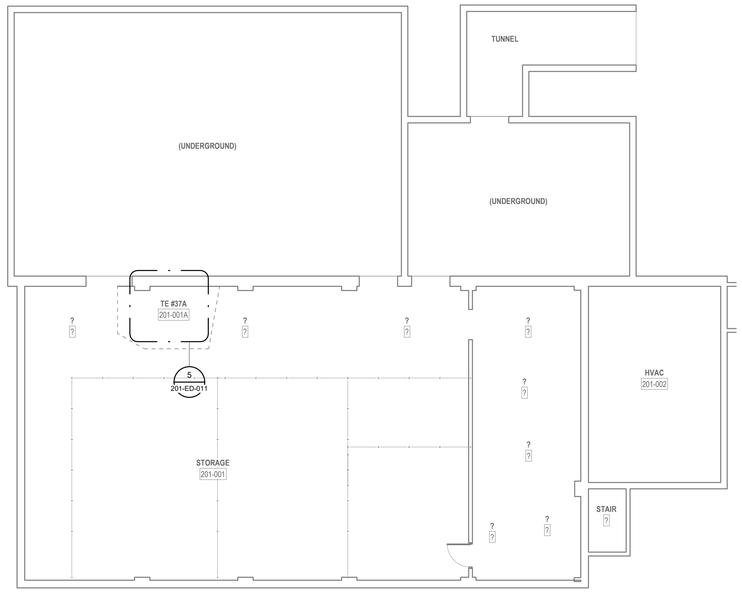
3 LEVEL 1 DEMOLITION PLAN - BLDG. 238
1/8" = 1'-0"



5 ENLARGED DEMOLITION PLAN - TE RM 100
1/4" = 1'-0"



4 LEVEL 2 DEMOLITION PLAN - BLDG. 238
1/8" = 1'-0"



1 BASEMENT DEMOLITION PLAN - BLDG. 201
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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GDM ARCHITECTS • ENGINEERS

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STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 201 & 238 BASEMENT & LEVEL 1 DEMOLITION PLAN - BLDG. 201 & 238	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 201 & 238
		ISSUE DATE: FEBRUARY 05, 2024 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 201-ED-011

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-201_Electrical_r22.rvt
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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
201-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
201-OU-1	208/1	-	-	-	16.00	25	3/4"	2#10	-	#10	30	30	1

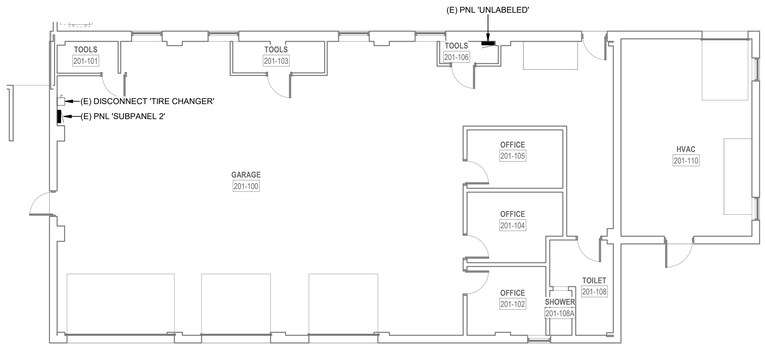
NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

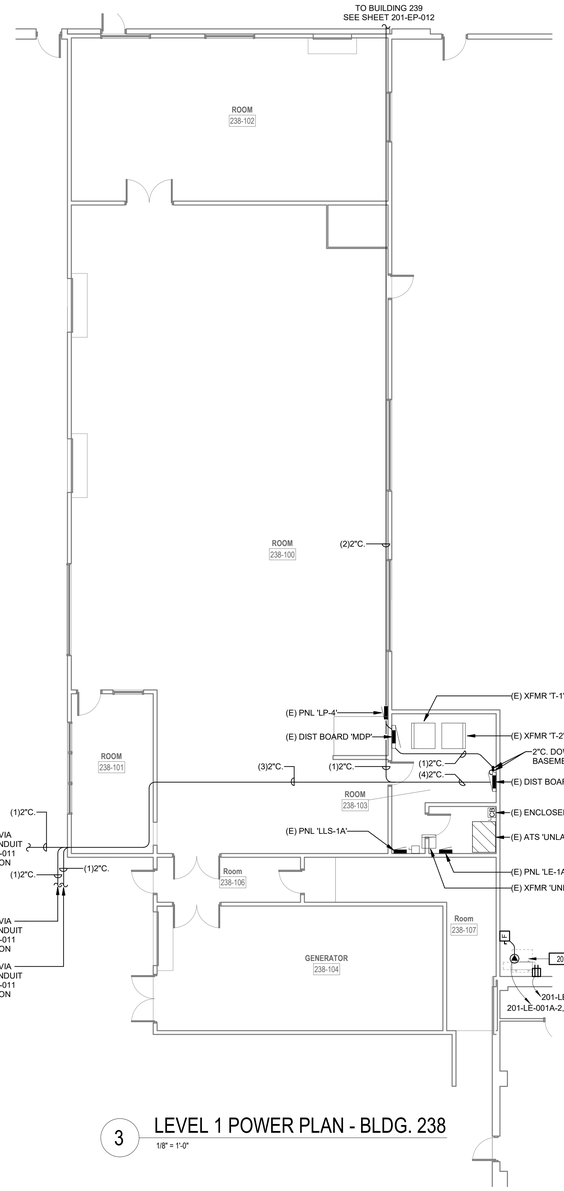
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

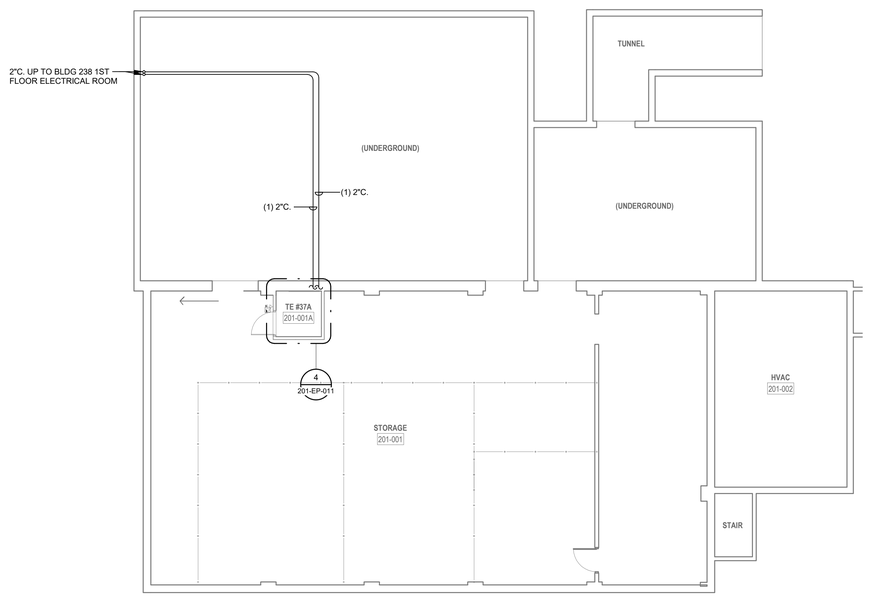
1 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
2 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
3 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
4 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
5 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE POWER. ALIGN JUNCTION BOX TO ENCLOSURE CUTOUT BEHIND RACK.
6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.
7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
8 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.
9 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
10 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
11 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
12 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
13 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



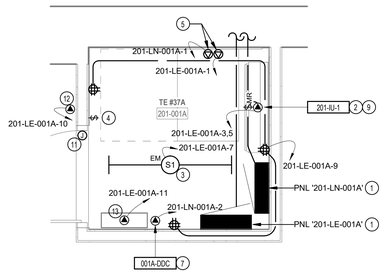
2 LEVEL 1 POWER PLAN - BLDG. 201
1/8" = 1'-0"



3 LEVEL 1 POWER PLAN - BLDG. 238
1/8" = 1'-0"



1 BASEMENT POWER PLAN - BLDG. 201
1/8" = 1'-0"



4 ENLARGED POWER PLAN - TE RM 001A
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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STAMP
EDWARD J. MALONEY, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 201 & 238 BASEMENT & LEVEL 1 POWER PLAN - BLDG. 201 & 238	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 201 & 238
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 201-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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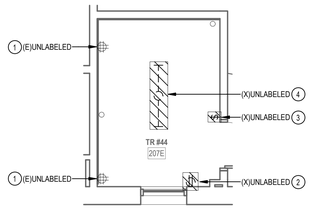
DEMOLITION GENERAL NOTES

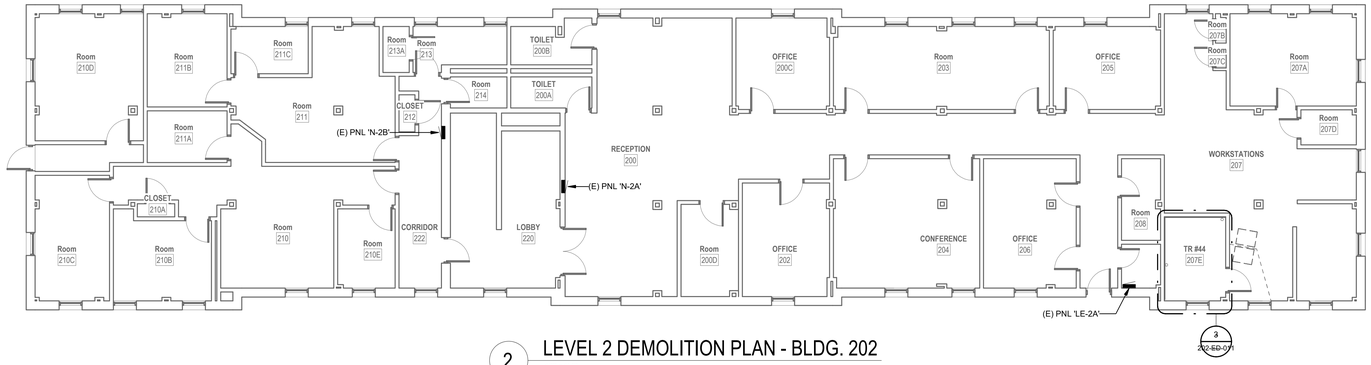
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

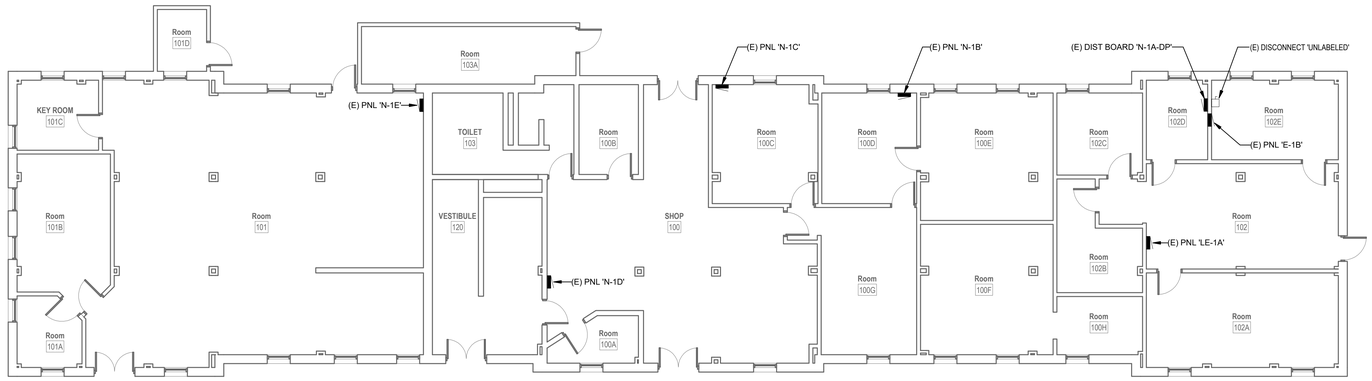
1 EXISTING ELECTRICAL RECEPTACLE TO REMAIN.
2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.
3 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.
4 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.



3 ENLARGED DEMOLITION PLAN - TR RM 207E
1/4" = 1'-0"



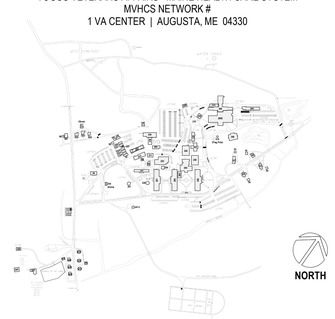
2 LEVEL 2 DEMOLITION PLAN - BLDG. 202
1/8" = 1'-0"



1 LEVEL 1 DEMOLITION PLAN - BLDG. 202
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 202 LEVEL 1 & 2 DEMOLITION PLAN - BLDG. 202	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 202
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 202-ED-011

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-202_Electrical_r22.rvt 11/7/2025 10:36:28 AM

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
202-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
202-OU-1	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

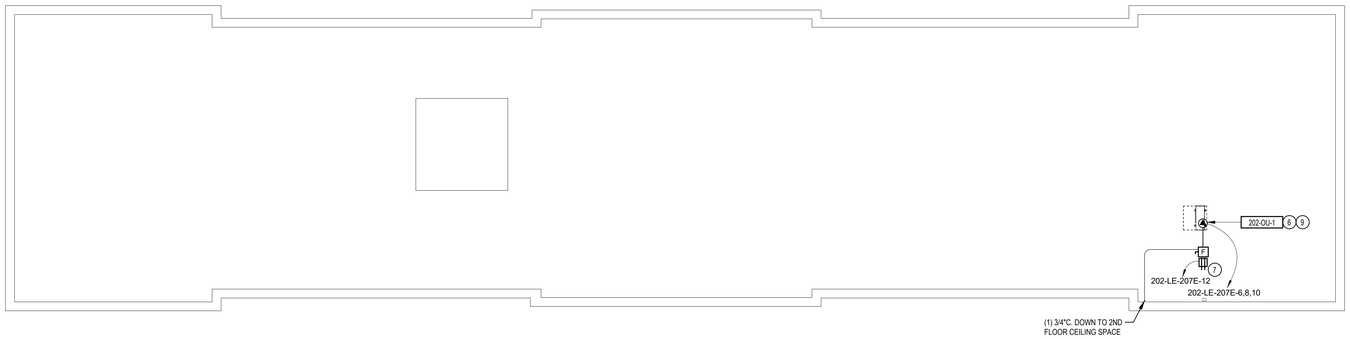
NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

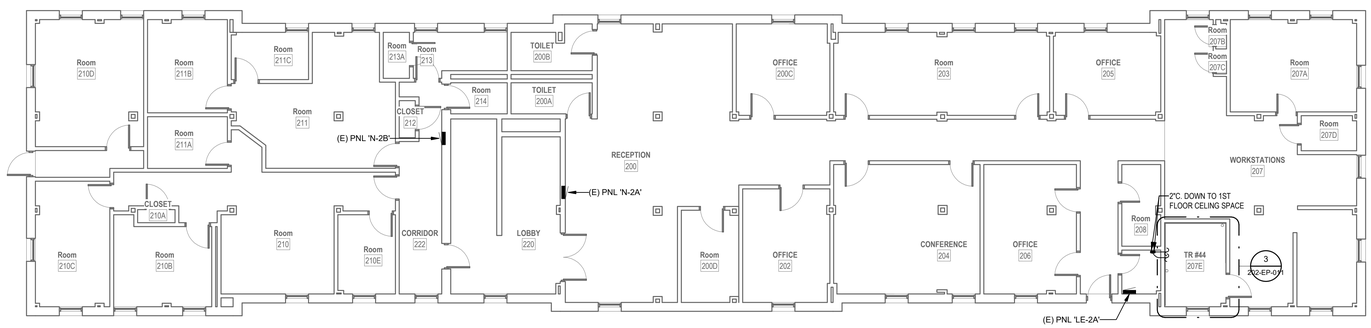
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

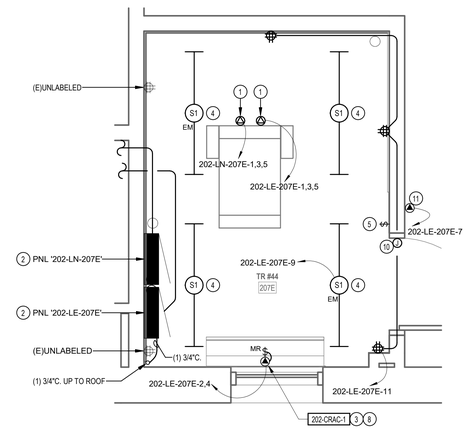
1 CONTRACTOR TO PROVIDE NEW L21-20R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
7 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.
8 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.
10 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
11 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.



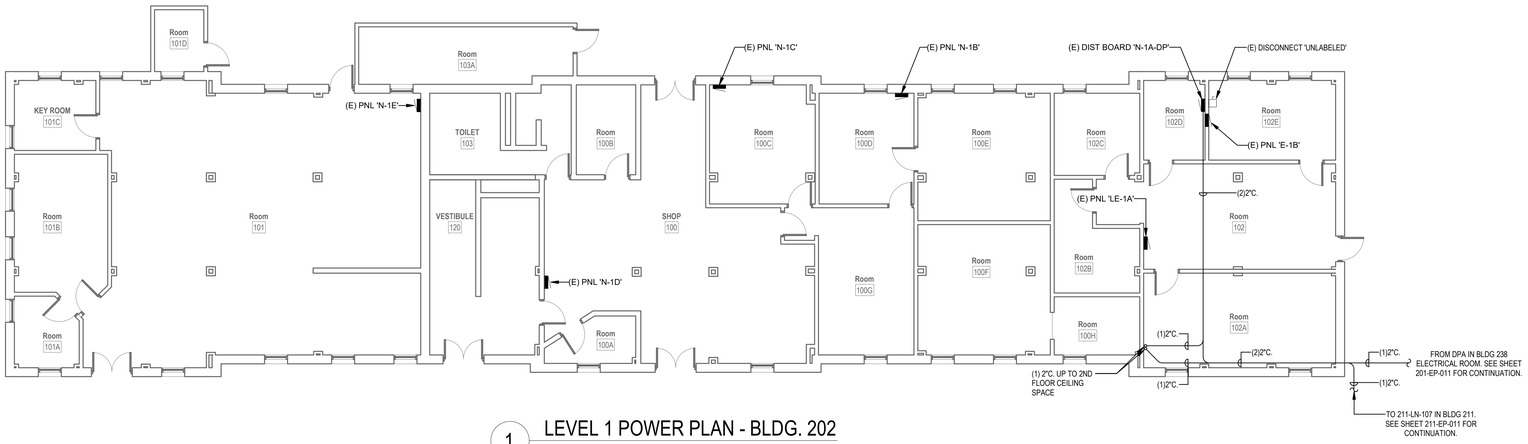
4 ROOF POWER PLAN - BLDG. 202
1/8" = 1'-0"



2 LEVEL 2 POWER PLAN - BLDG. 202
1/8" = 1'-0"



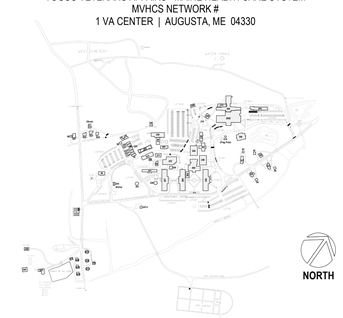
3 ENLARGED POWER PLAN - TR RM 207E
1/2" = 1'-0"



1 LEVEL 1 POWER PLAN - BLDG. 202
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 202 LEVEL 1, 2, AND ROOF POWER PLAN - BLDG. 202	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 202
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 202-EP-011

VA FORM 08 - 6231

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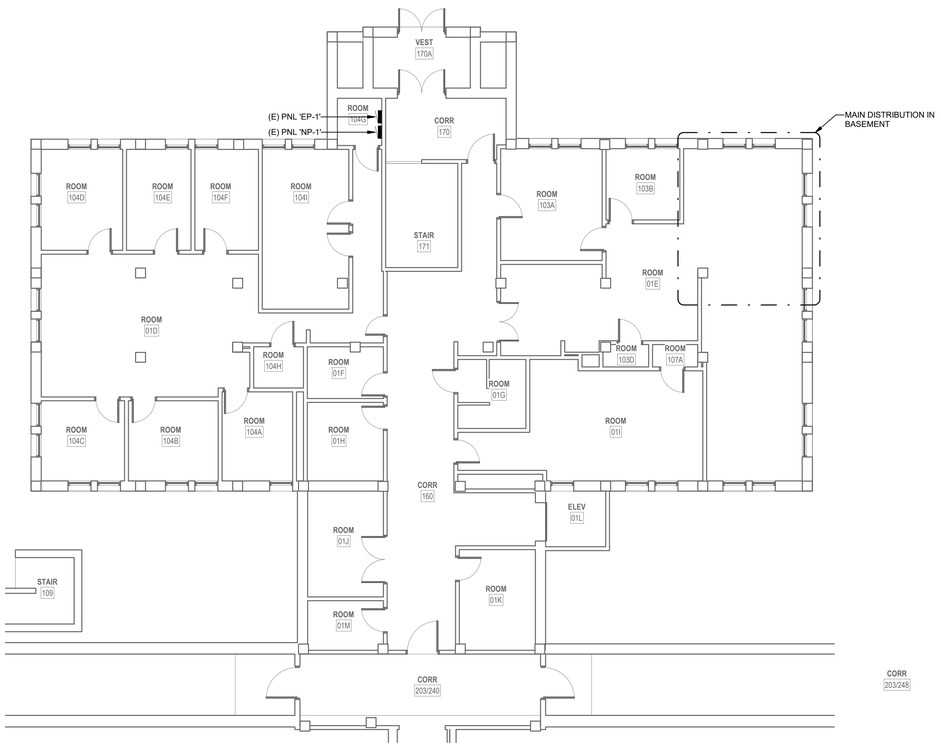
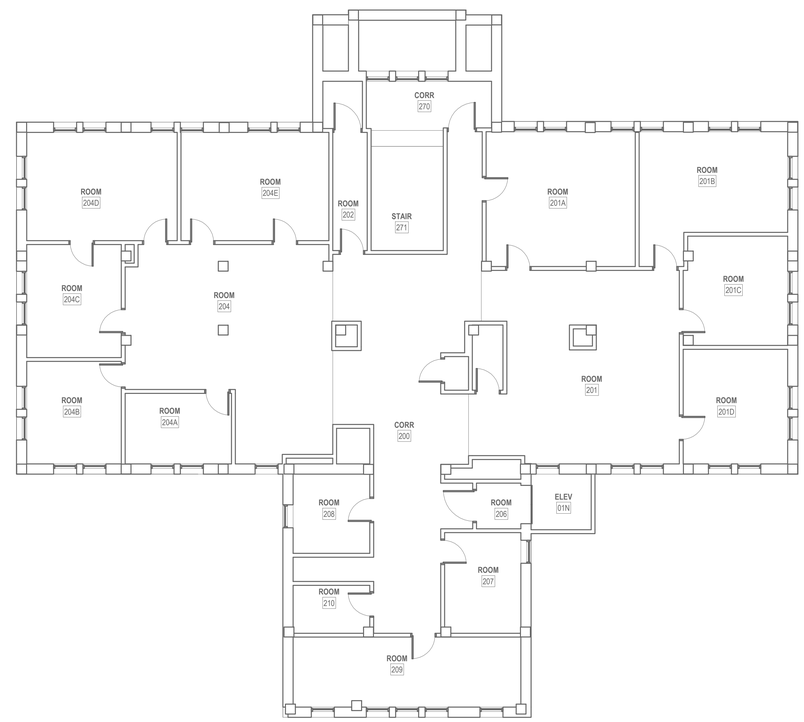
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES



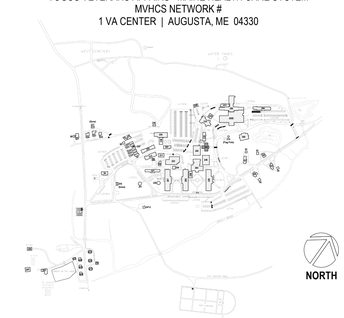
1 LEVEL 1 DEMOLITION PLAN - BLDG. 203
1/8" = 1'-0"



2 LEVEL 2 DEMOLITION PLAN - BLDG. 203
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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GDM ARCHITECTS • ENGINEERS

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 203 LEVEL 1 & LEVEL 2 DEMOLITION PLANS - BLDG. 203	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 203
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 203-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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VA FORM 08 - 6231

GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

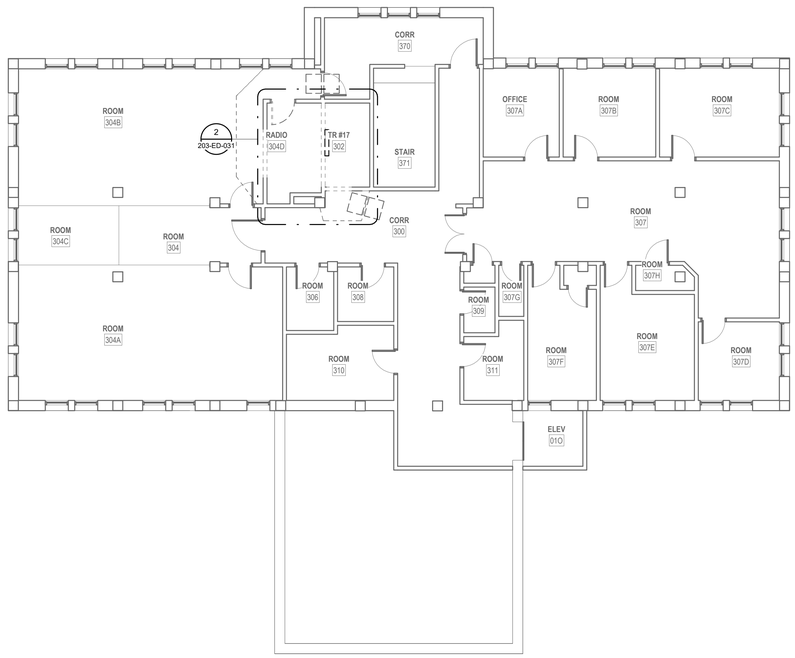
KEY NOTES

1 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

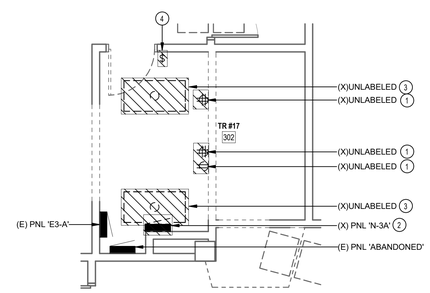
2 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 LIGHT FIXTURE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY FOR EXISTING LIGHT FIXTURES TO REMAIN.

4 EXISTING MECHANICAL UNIT TO BE RELOCATED BY MECHANICAL. REFER TO ASSOCIATED 'EP' SHEET FOR NEW LOCATION OF MECHANICAL UNIT.



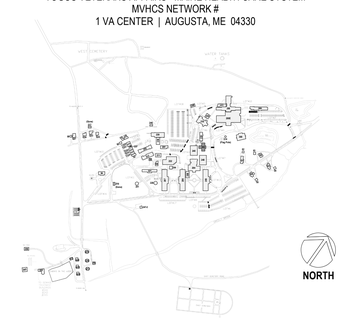
1 LEVEL 3 DEMOLITION PLAN - BLDG. 203
1/8" = 1'-0"



2 ENLARGED DEMOLITION PLAN - TR RM 302
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 203 LEVEL 3 DEMOLITION PLANS - BLDG. 203	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 203
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 203-ED-031
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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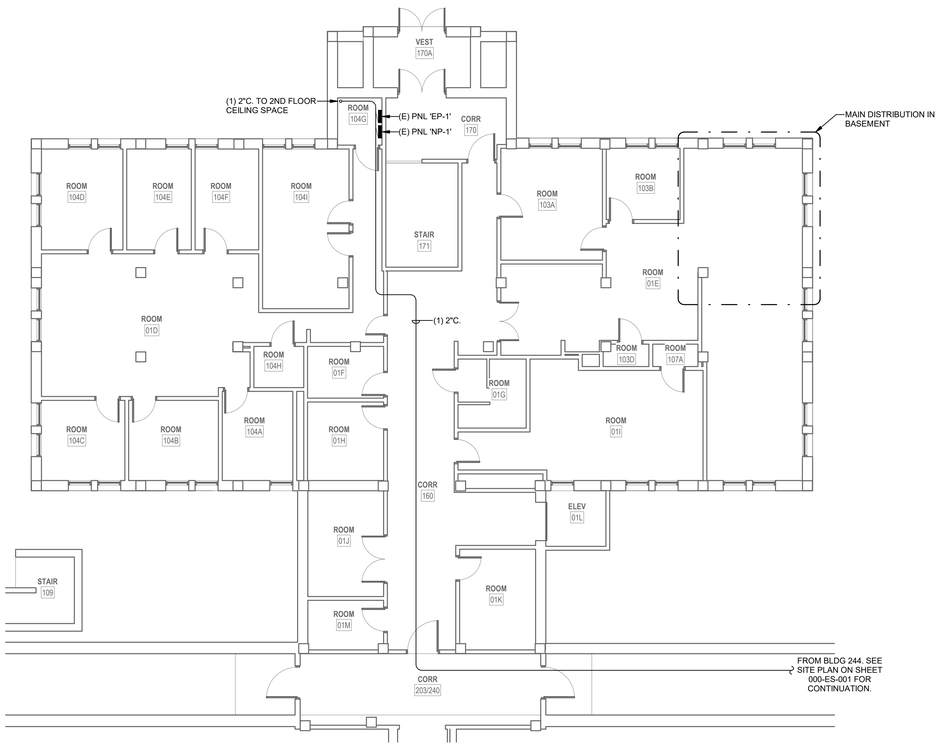
11/7/2025 11:17:18 AM

GENERAL NOTES

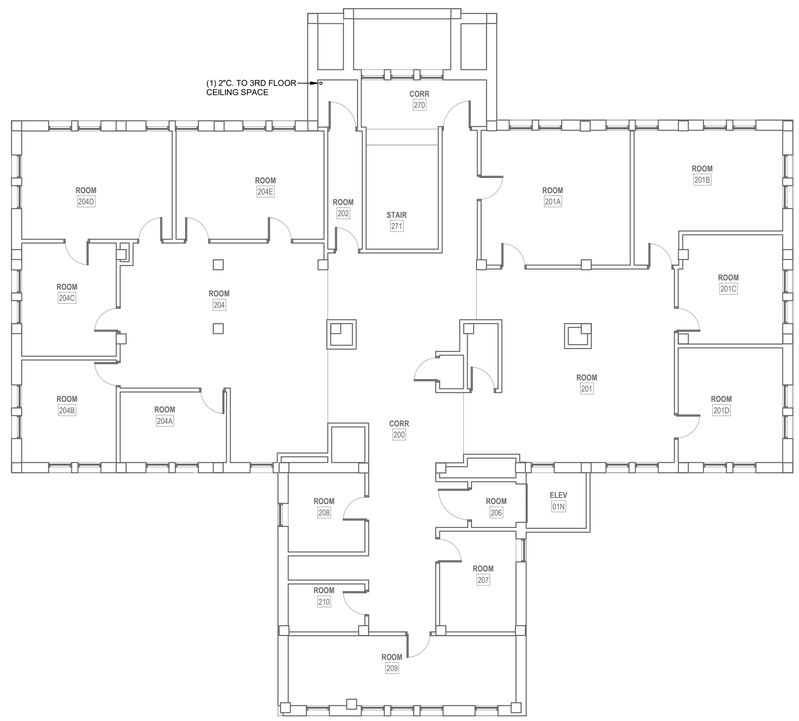
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES



1 LEVEL 1 POWER PLAN - BLDG. 203

1/8" = 1'-0"



2 LEVEL 2 POWER PLAN - BLDG. 203

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PAUL EDWARD GRAY
STATE OF WASHINGTON
40710
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 203 LEVEL 1 & LEVEL 2 POWER PLANS - BLDG. 203	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 203
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 203-EP-011

VA FORM 08 - 6231

REISSUED 02-18-2026

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
203-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
203-OU-1	208/1	-	-	-	22.00	35	3/4"	2#6	-	#10	60	40	1

NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.

2 NEW LOCATION OF EXISTING RELOCATED PANEL. REROUTE CONDUIT AND CONDUCTORS TO EXISTING ELECTRICAL PANEL IN NEW LOCATION.

3 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

4 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

5 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

6 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

8 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

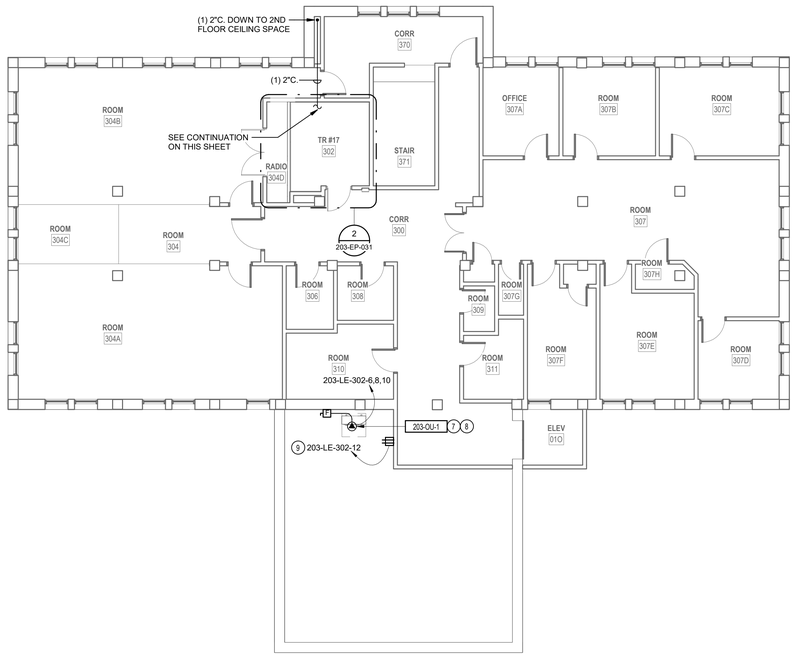
9 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

10 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

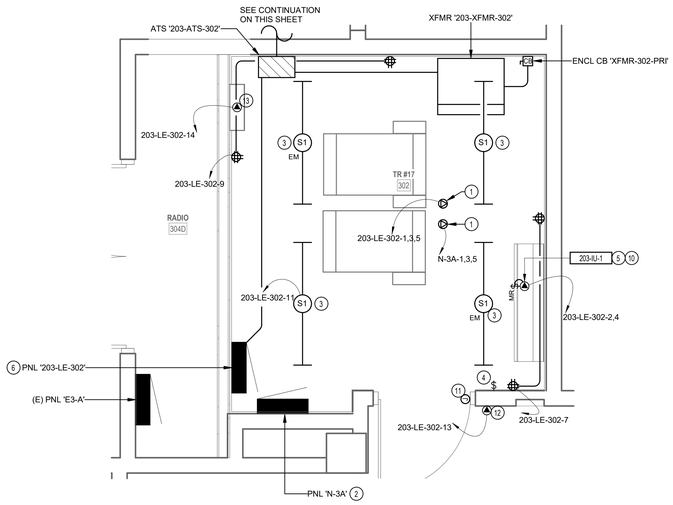
11 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

12 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

13 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



1 LEVEL 3 POWER PLAN - BLDG. 203
1/8" = 1'-0"



2 ENLARGED POWER PLAN - TR RM 302
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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129 NORTH 29th STREET, SUITE 100
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1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

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EDWARD J. GIRARD III, STATE OF WASHINGTON, 38179, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

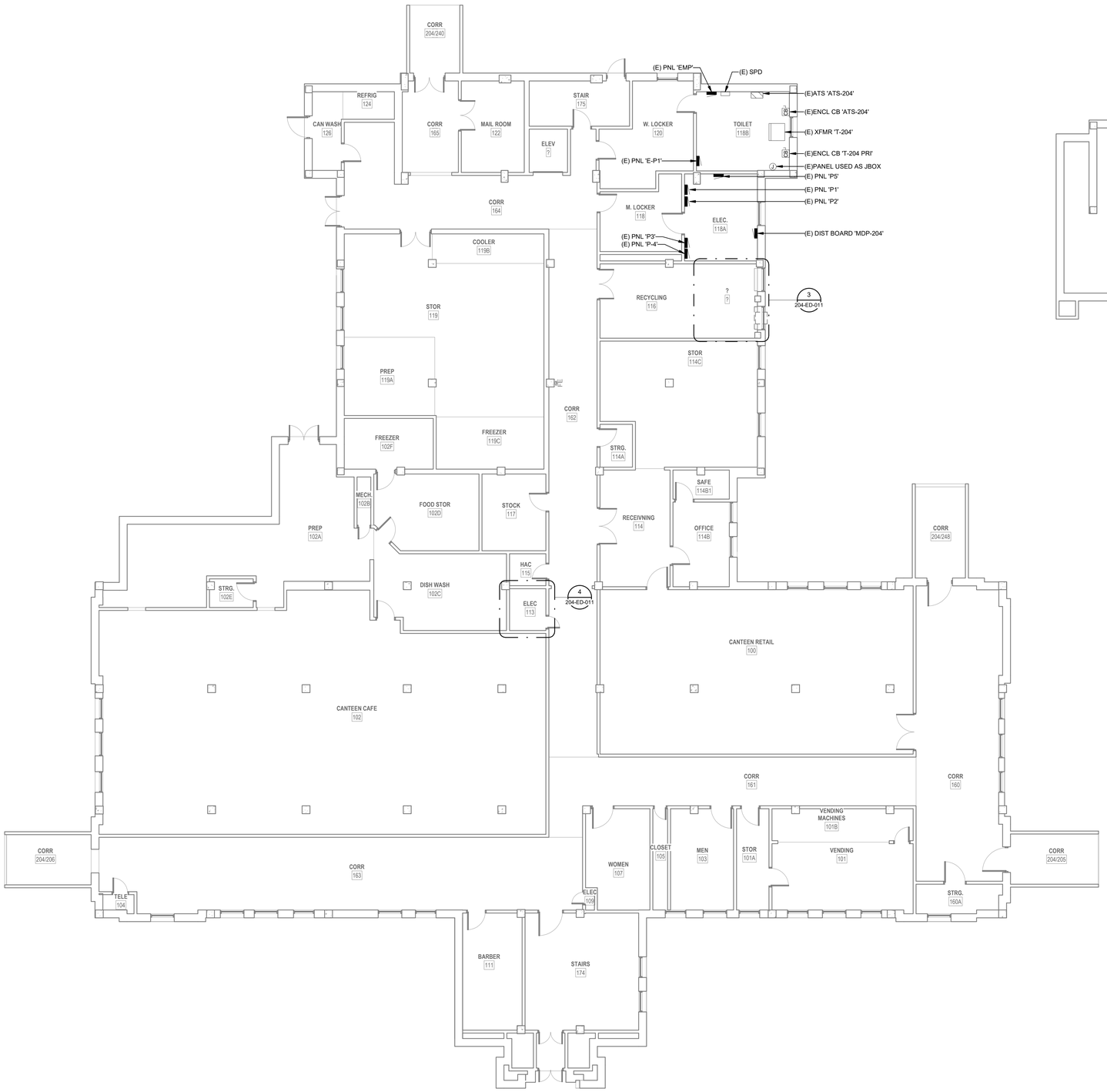
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 203 LEVEL 3 POWER PLANS - BLDG. 203	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 203
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 203-EP-031
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

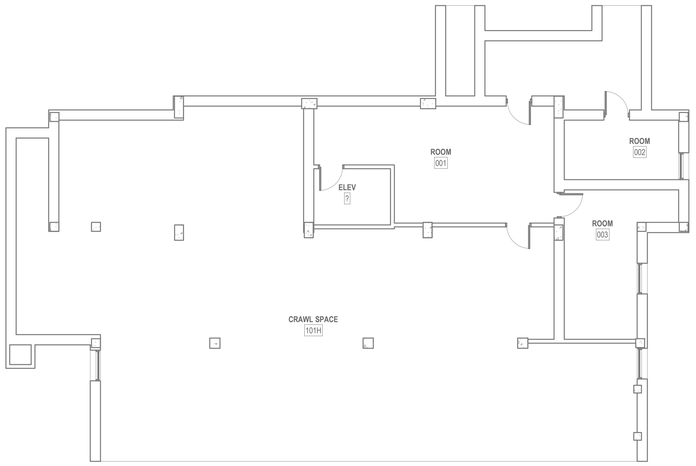
REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-203_Electrical_r22.rvt
11/7/2025 11:17:19 AM



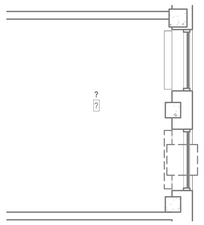
2 LEVEL 1 DEMOLITION PLAN - BLDG. 204

1/8" = 1'-0"



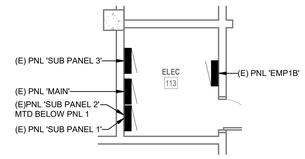
1 BASEMENT DEMOLITION PLAN - BLDG. 204

1/8" = 1'-0"



3 ENLARGED DEMOLITION PLANS - TR RM 111

1/4" = 1'-0"



4 ENLARGED DEMOLITION PLAN - ELEC RM 113

1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

ARCHITECT:
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PH: 406.248.2633
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ARCHITECT/ENGINEER OF RECORD

A/E:
GDM-AE INC
1304 NE 134TH STREET, SUITE A
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PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 204 BASEMENT & LEVEL 1 DEMOLITION PLANS - BLDG. 204	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 204
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 204-ED-011

VA FORM 08 - 6231

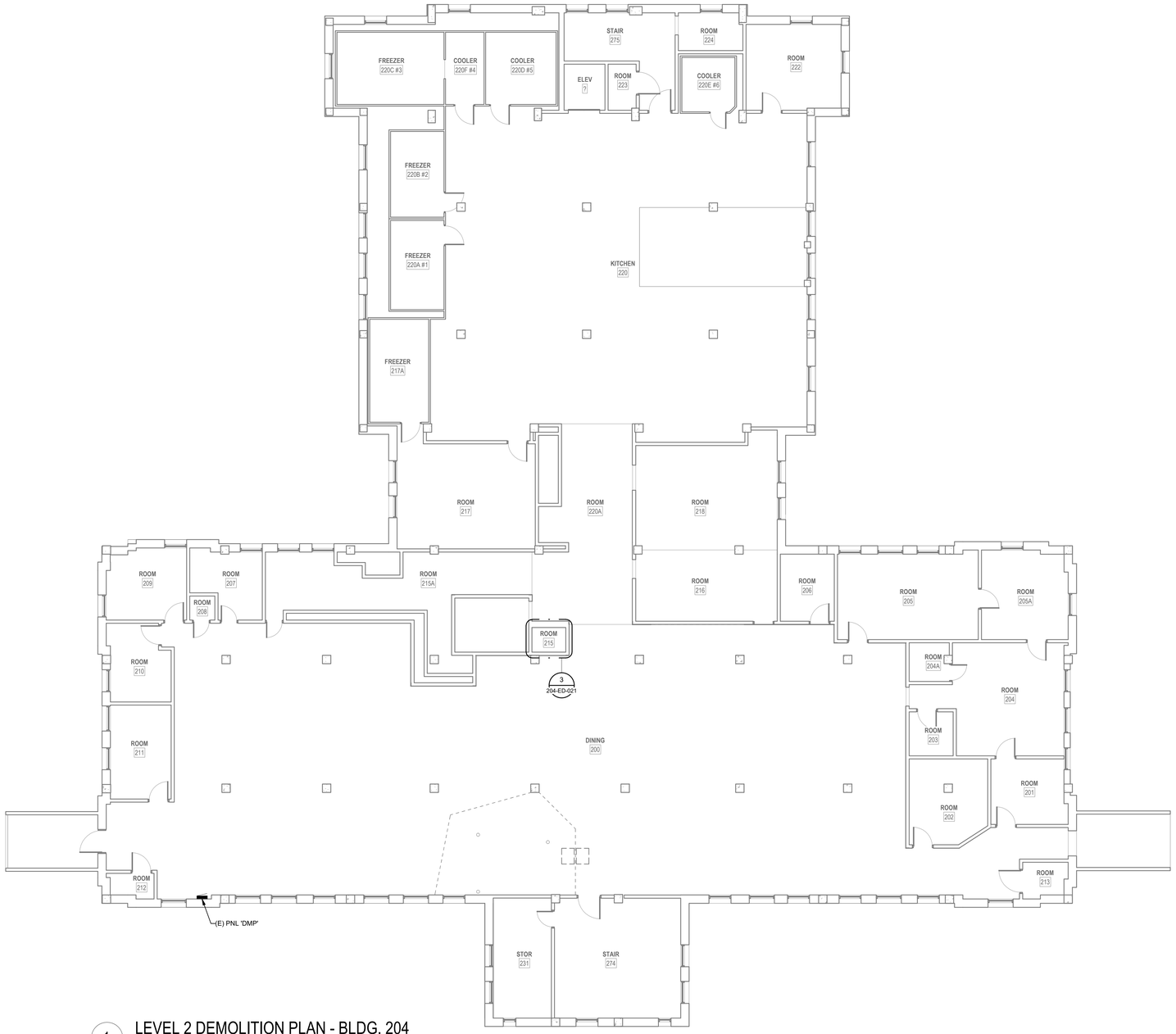
REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-204_Electrical_r22.rvt 11/7/2025 11:42:58 AM

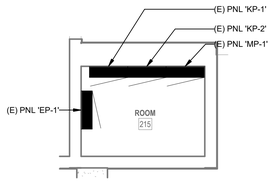
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

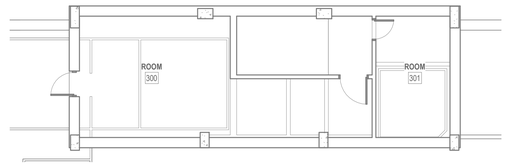
KEY NOTES



1 LEVEL 2 DEMOLITION PLAN - BLDG. 204
1/8" = 1'-0"



3 ENLARGED DEMOLITION PLAN - ELEC RM 215
3/8" = 1'-0"



2 PENTHOUSE DEMOLITION PLAN - BLDG. 204
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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ARCHITECT/ENGINEER OF RECORD

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EDWARD J. GIRARD JR. STATE OF WASHINGTON 60759 REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 204 LEVEL 2 & PENTHOUSE DEMOLITION PLANS - BLDG. 204	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 204
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 204-ED-021
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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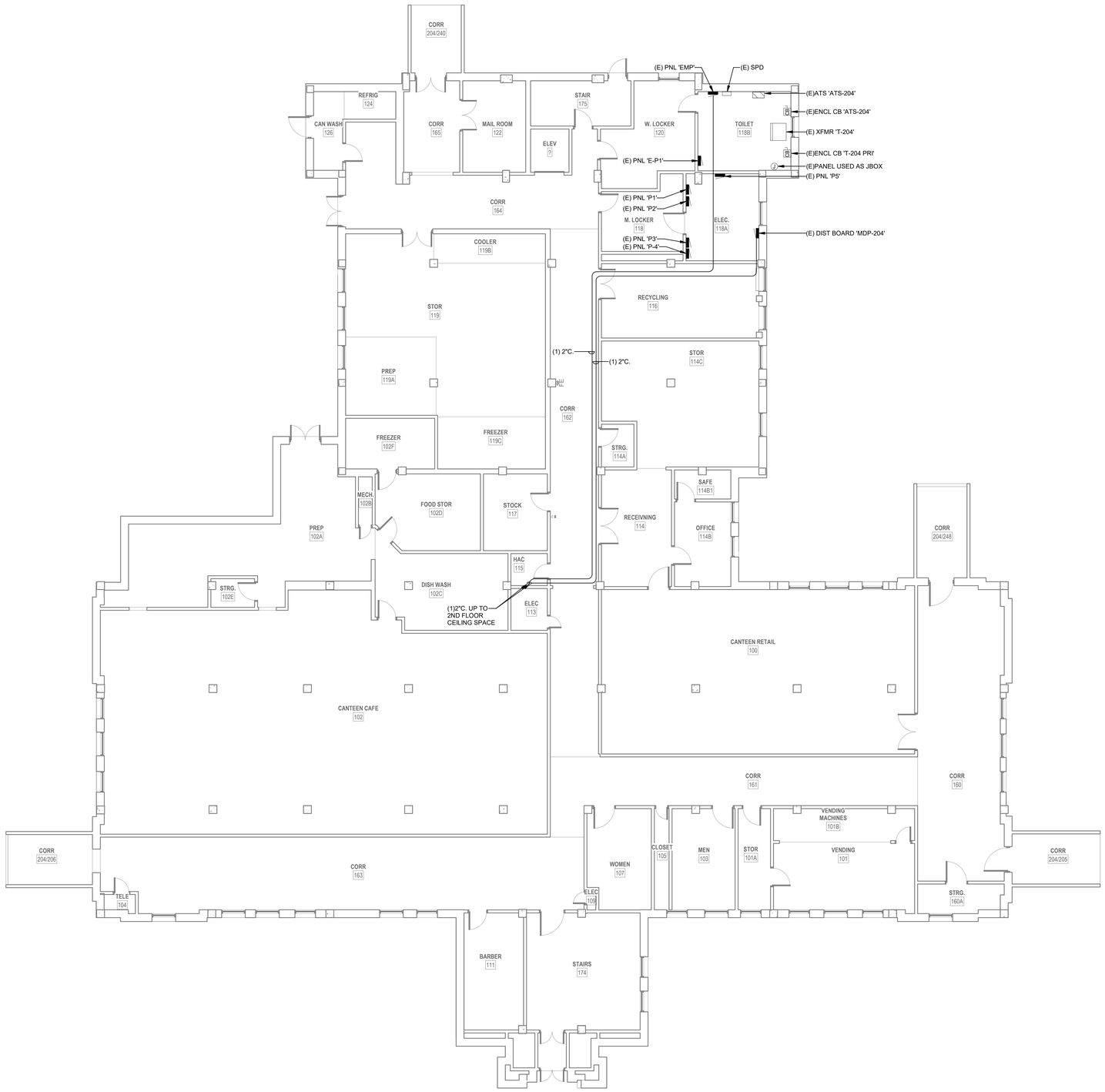
GENERAL NOTES

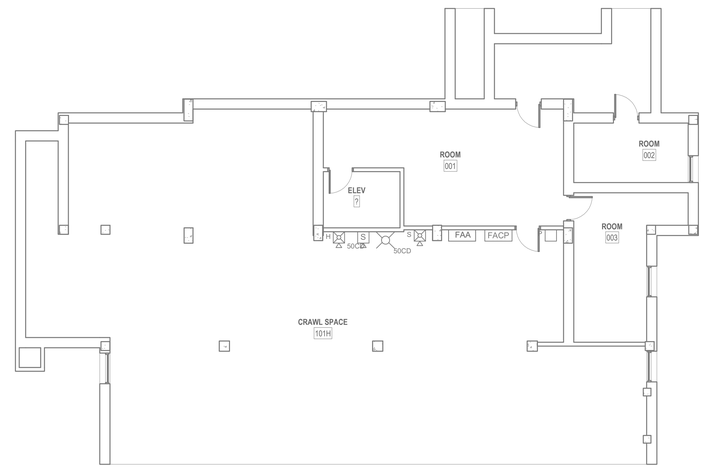
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES



1 LEVEL 1 POWER PLAN - BLDG. 204

1/8" = 1'-0"

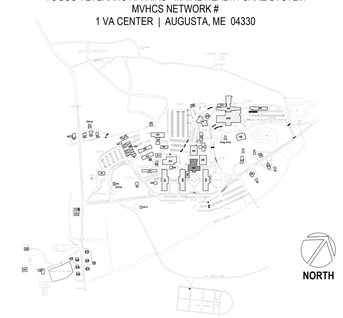


2 BASEMENT POWER PLAN - BLDG. 204

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT

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VANCOUVER, WA 98685
PH: 541-436-4723

GDM ARCHITECTS • ENGINEERS

STAMP

EDWARD J. GRIFFITH, STATE OF WASHINGTON, 21704, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 204 BASEMENT & LEVEL 1 POWER PLANS - BLDG. 204	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 204
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 204-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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REISSUED 02-18-2026

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
204-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
204-OU-1	208/1	-	-	-	22.00	35	3/4"	2#6	-	#10	60	40	1

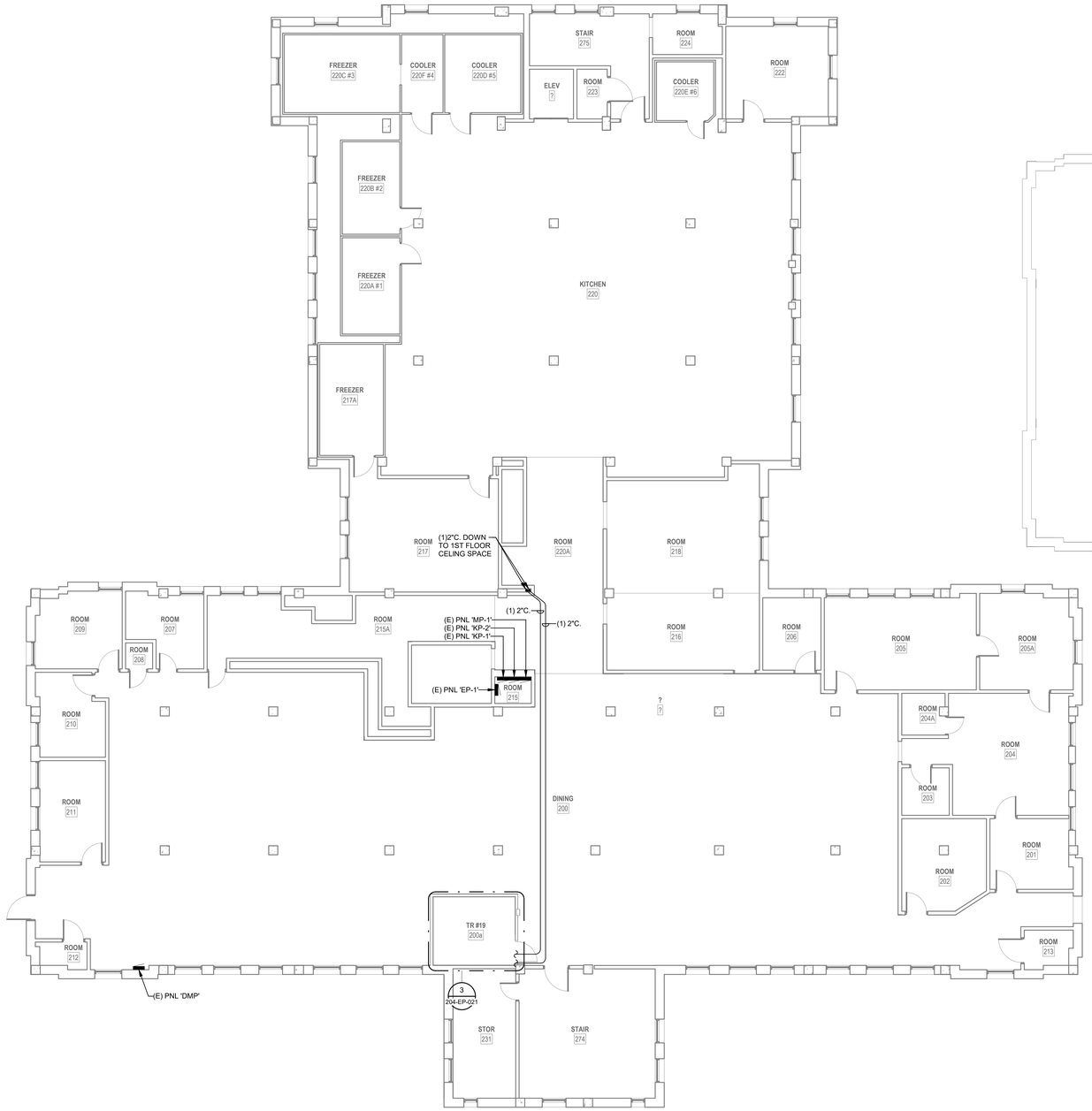
NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

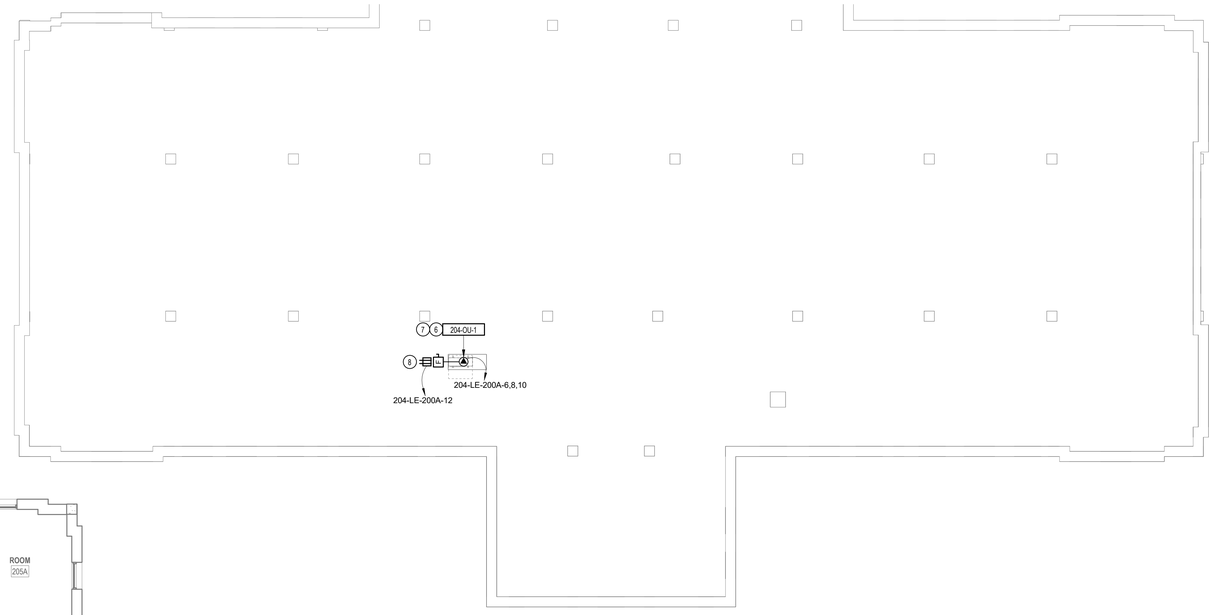
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

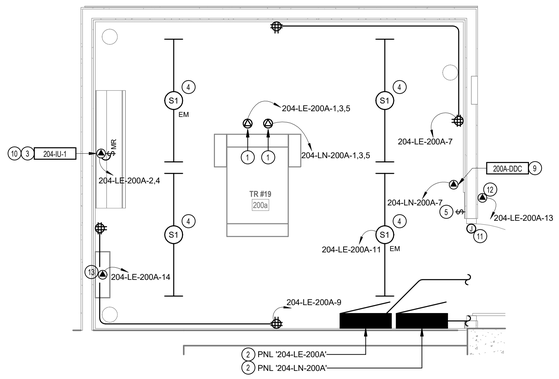
1. CONTRACTOR TO PROVIDE NEW L21-20R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2. CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4. CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5. CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.
7. CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
8. CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.
9. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
10. CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
11. CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
12. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
13. CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



1 LEVEL 2 POWER PLAN - BLDG. 204
1/8" = 1'-0"



2 PENTHOUSE POWER PLAN - BLDG. 204
1/8" = 1'-0"



3 ENLARGED POWER PLAN - TR RM 200A
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

ARCHITECT:
A&E DESIGN
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BILLINGS, MT 59101
PH: 406.248.2633
<To Be Determined>, AIA

ARCHITECT/ENGINEER OF RECORD

A/E:
GDM-AE INC
1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 204 LEVEL 2 & PENTHOUSE POWER PLANS - BLDG. 204	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 204
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 204-EP-021

VA FORM 08 - 6231

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-204_Electrical_r22.rvt
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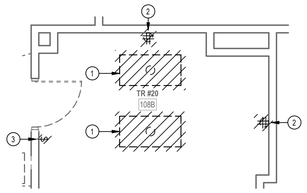
REISSUED 02-18-2026



2 ENLARGED DEMOLITION PLAN - TR RM 108B

1/4" = 1'-0"

GENERAL DEMOLITION NOTES

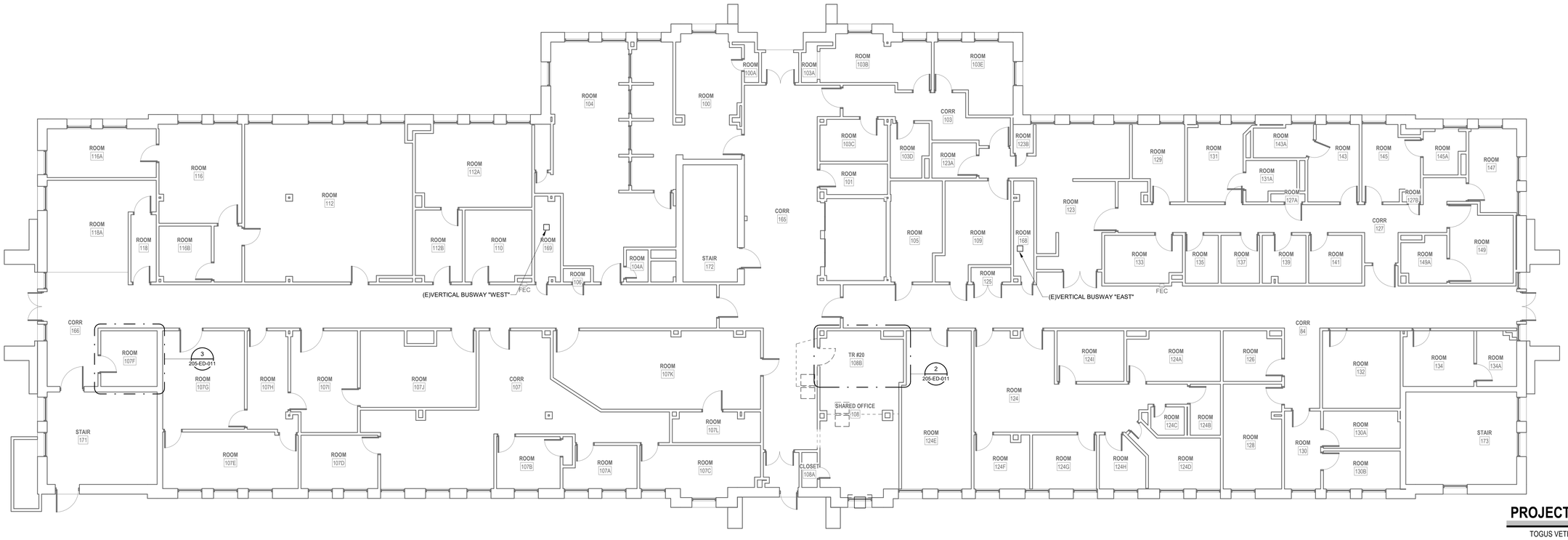
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 LIGHT FIXTURE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY FOR EXISTING LIGHT FIXTURES TO REMAIN.

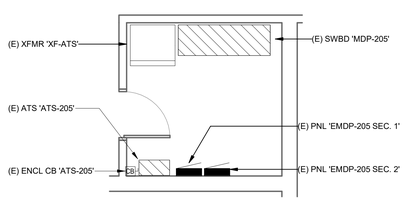
2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 EXISTING LIGHT SWITCH TO BE RELOCATED. REROUTE EXISTING CONDUIT AND CONDUCTORS TO NEW SWITCH ON ASSOCIATED 'EP' SHEET. JUNCTION BOX TO BE REMAIN FOR REUSE.



1 LEVEL 1 DEMOLITION PLAN - BLDG. 205

1/8" = 1'-0"

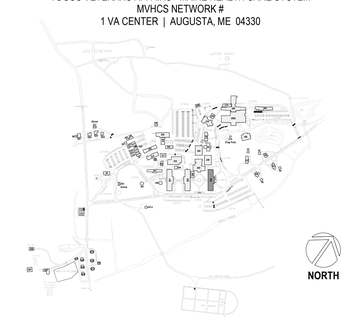


3 ENLARGED DEMOLITION PLAN - ELEC RM 107F

1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

STAMP

EDWARD J. DEMPSEY, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 205 LEVEL 1 DEMOLITION PLAN - BLDG. 205

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 205

DRAWING NUMBER: 205-ED-011

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-205_Electrical_r23.rvt
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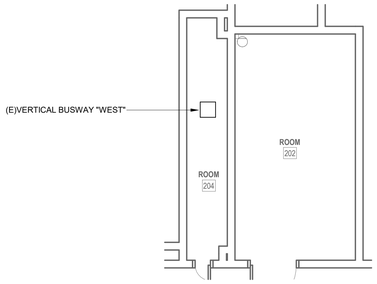
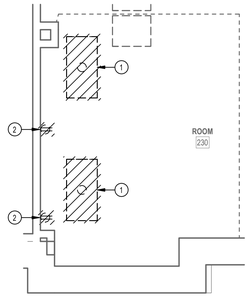


2 ENLARGED DEMOLITION PLAN - TR RM 202
1/4" = 1'-0"



3 ENLARGED DEMOLITION PLAN - TR RM 230A
1/4" = 1'-0"

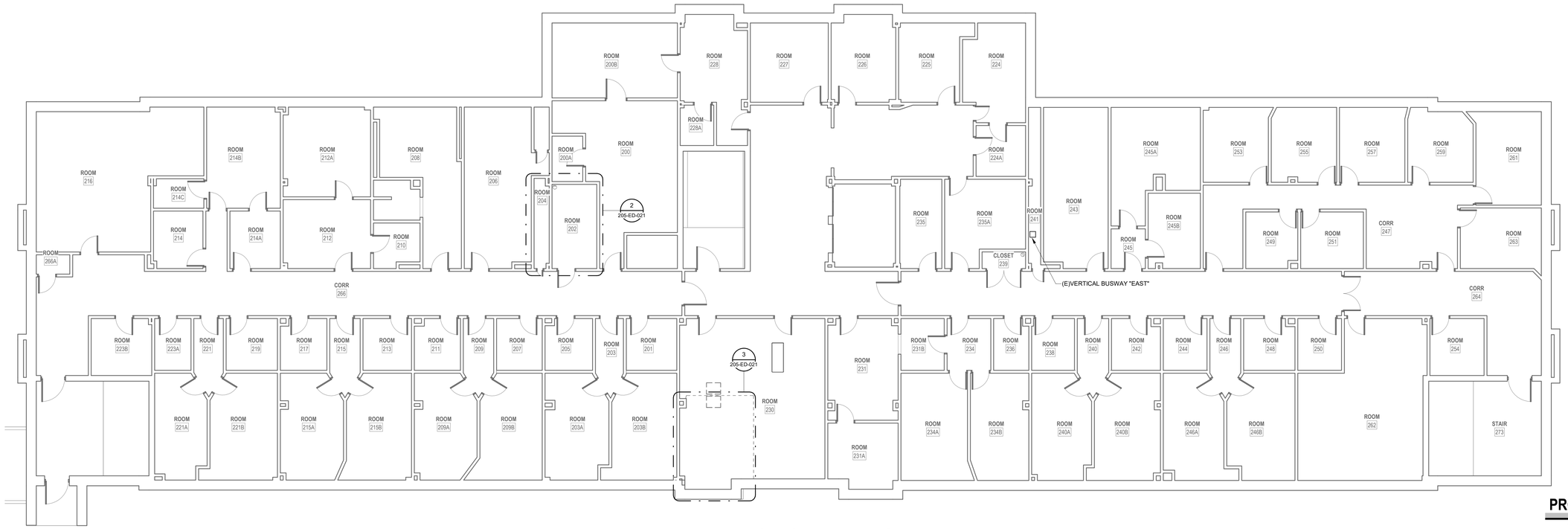
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 LIGHT FIXTURE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY FOR EXISTING LIGHT FIXTURES TO REMAIN.

2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



1 LEVEL 2 DEMOLITION PLAN - BLDG. 205
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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PH: 541-436-4723

GDM ARCHITECTS • ENGINEERS

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 205 LEVEL 2 DEMOLITION PLAN - BLDG. 205	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 205
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 205-ED-021
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER	DRAWN BY: AJW

VA FORM 08 - 6231

REISSUED 02-18-2026

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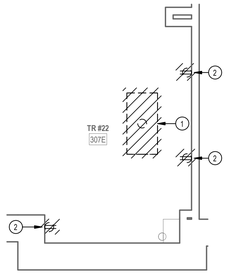

2 ENLARGED DEMOLITION PLAN - TR RM 307E

1/4" = 1'-0"

1 LEVEL 3 DEMOLITION PLAN - BLDG. 205

1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 LIGHT FIXTURE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY FOR EXISTING LIGHT FIXTURES TO REMAIN.

2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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GDM ARCHITECTS · ENGINEERS

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EDWARD J. BERTHOLD JR. STATE OF WASHINGTON 46175 REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 205 LEVEL 3 DEMOLITION PLAN - BLDG. 205	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 205
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 205-ED-031
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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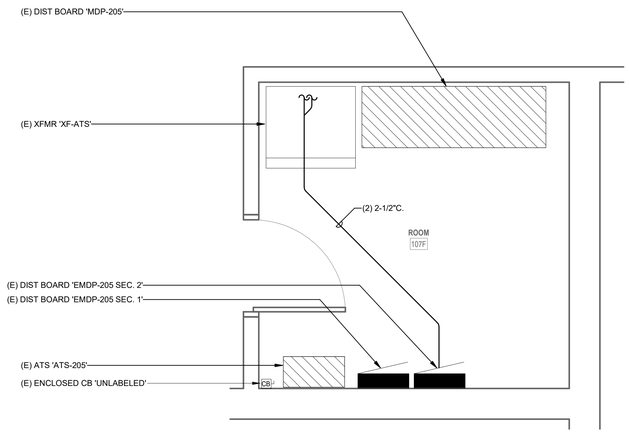
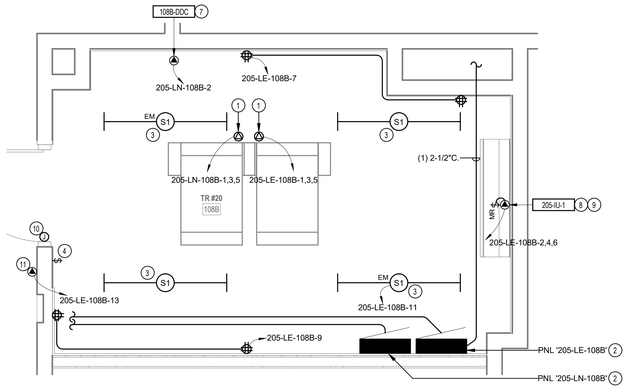
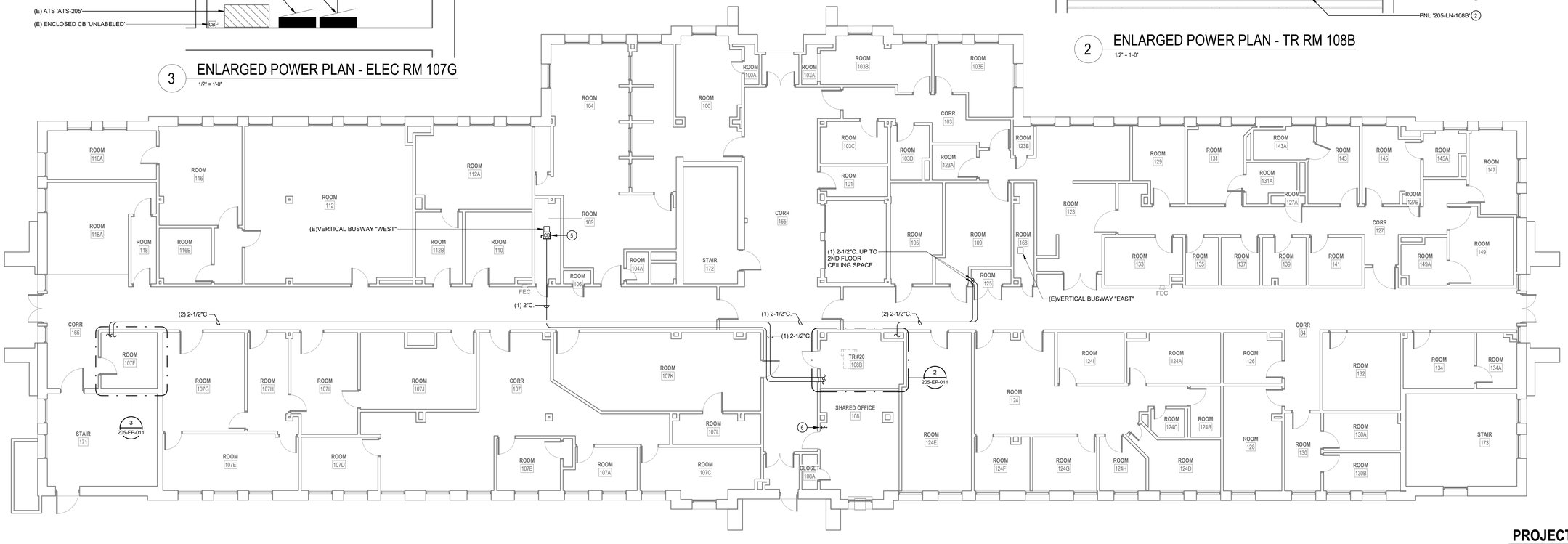


3 ENLARGED POWER PLAN - ELEC RM 107G
1/2" = 1'-0"



2 ENLARGED POWER PLAN - TR RM 108B
1/2" = 1'-0"



1 LEVEL 1 POWER PLAN - BLDG. 205
1/8" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
4 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
5 CONTRACTOR TO PROVIDE NEW 125A/3P ENCLOSED CIRCUIT BREAKER AND ENCLOSURE TO BE MOUNTED ON VERTICAL BUSWAY. PROVIDE ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. MATCH EXISTING TYPE AND MANUFACTURER.
6 NEW LOCATION OF EXISTING LIGHT SWITCH TO BE RELOCATED.
7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
9 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
10 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
11 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
205-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
205-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
205-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
205-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
205-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
205-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

Revisions:	Date:

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PH: 406.248.2633
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PH: 541-436-4723

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LEONARD G. DEMPSEY, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 205 LEVEL 1 POWER PLAN - BLDG. 205
PHASE: 100% CONSTRUCTION DOCUMENTS
PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER: 402-22-700
BUILDING NUMBER: 205
APPROVED:
FLS: FULLY SPRINKLERED
LOCATION: TOGUS VA MEDICAL CENTER
ISSUE DATE: NOVEMBER 10, 2025
CHECKED BY: MER
DRAWN BY: AJW
DRAWING NUMBER: 205-EP-011

VA FORM 08 - 6231

REISSUED 02-18-2026

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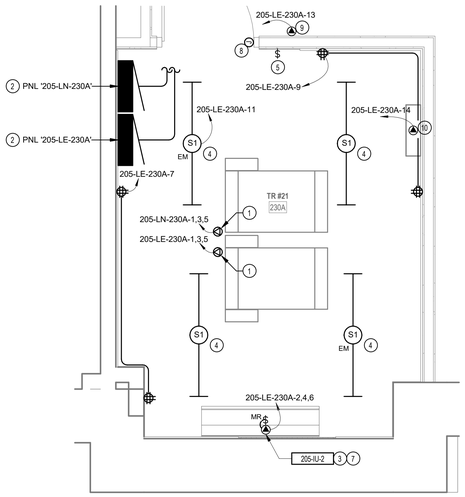
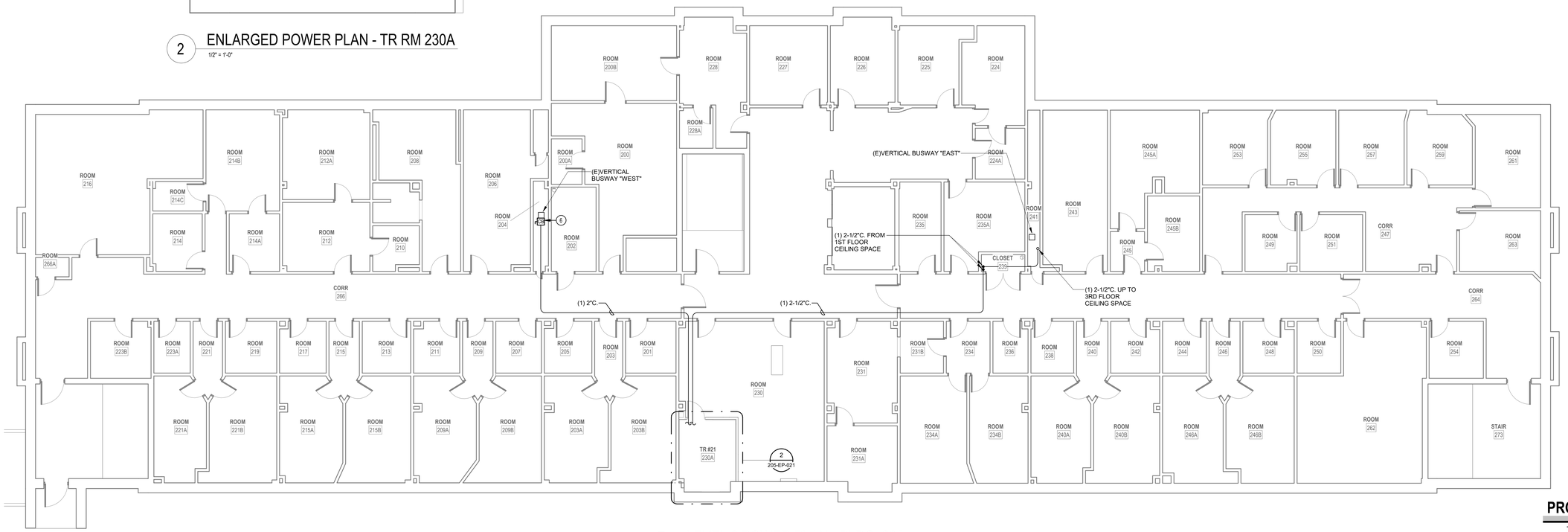


2 ENLARGED POWER PLAN - TR RM 230A

1/2" = 1'-0"



1 LEVEL 2 POWER PLAN - BLDG. 205

1/8" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6 CONTRACTOR TO PROVIDE NEW 125A/3P ENCLOSED CIRCUIT BREAKER AND ENCLOSURE TO BE MOUNTED ON VERTICAL BUSWAY. PROVIDE ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. MATCH EXISTING TYPE AND MANUFACTURER.
7 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
8 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
10 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE
NOTES:									

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
205-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
205-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
205-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
205-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
205-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
205-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1

NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

Revisions:	Date:

CONSULTANT

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<To Be Determined>, AIA

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VANCOUVER, WA 98685
PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 205 LEVEL 2 POWER PLAN - BLDG. 205	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 205
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 205-EP-021
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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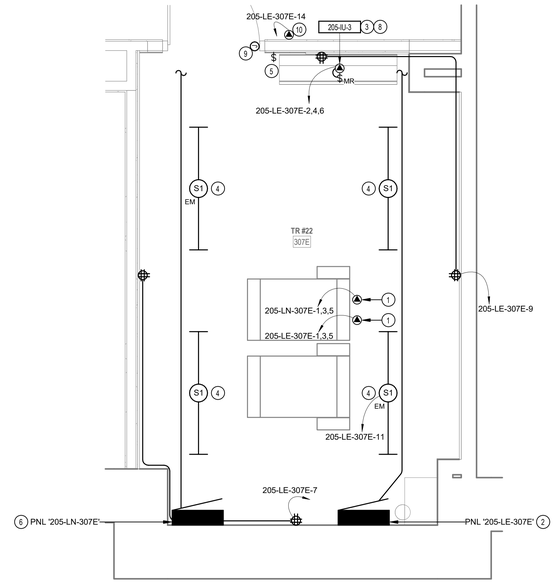
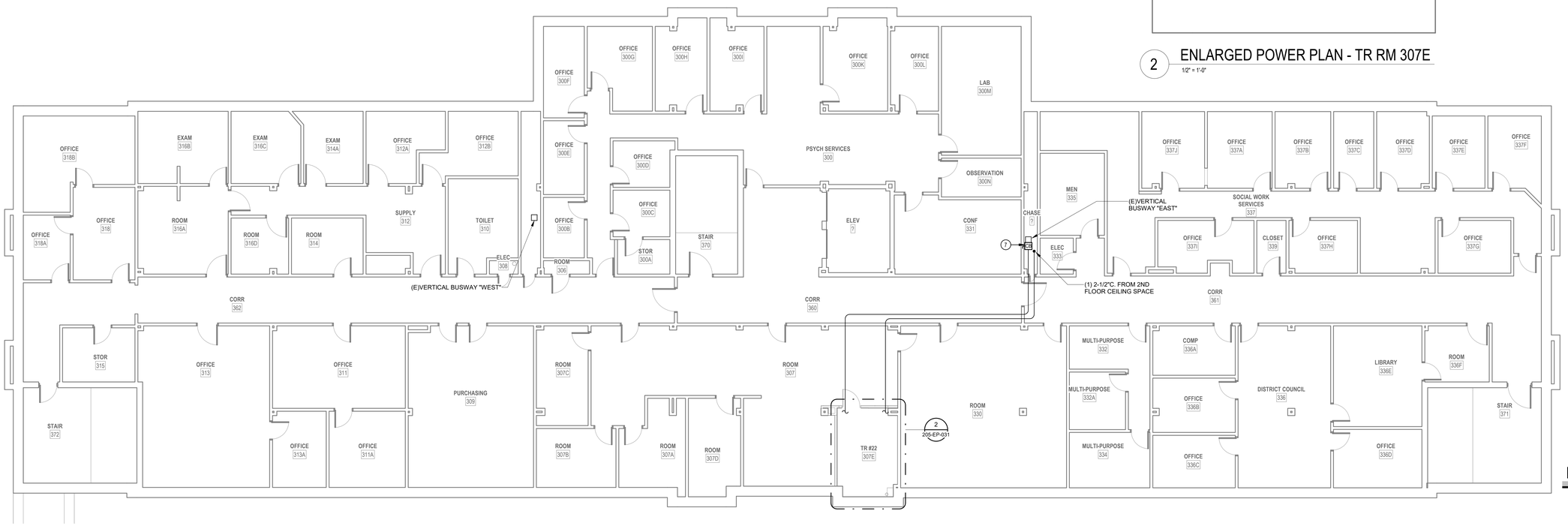


2 ENLARGED POWER PLAN - TR RM 307E

1/2" = 1'-0"



1 LEVEL 3 POWER PLAN - BLDG. 205

1/8" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW 208V, 60A, 3-PHASE POWER TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW RACK POWER. JUNCTION BOX TO BE MOUNTED DIRECTLY ON CABLE TRAY.

2 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

6 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

7 CONTRACTOR TO PROVIDE NEW 125A/3P ENCLOSED CIRCUIT BREAKER AND ENCLOSURE TO BE MOUNTED ON VERTICAL BUSWAY. PROVIDE ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. MATCH EXISTING TYPE AND MANUFACTURER.

8 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

9 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

10 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

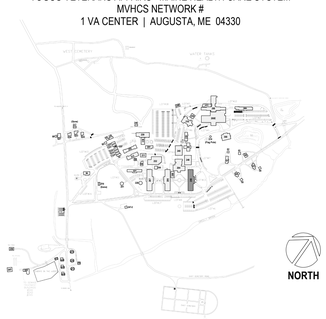
ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
205-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
205-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
205-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
205-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
205-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
205-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1

NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 205 LEVEL 3 POWER PLAN - BLDG. 205	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 205
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 205-EP-031

VA FORM 08 - 6231

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Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-205_Electrical_r22.rvt

GENERAL NOTES

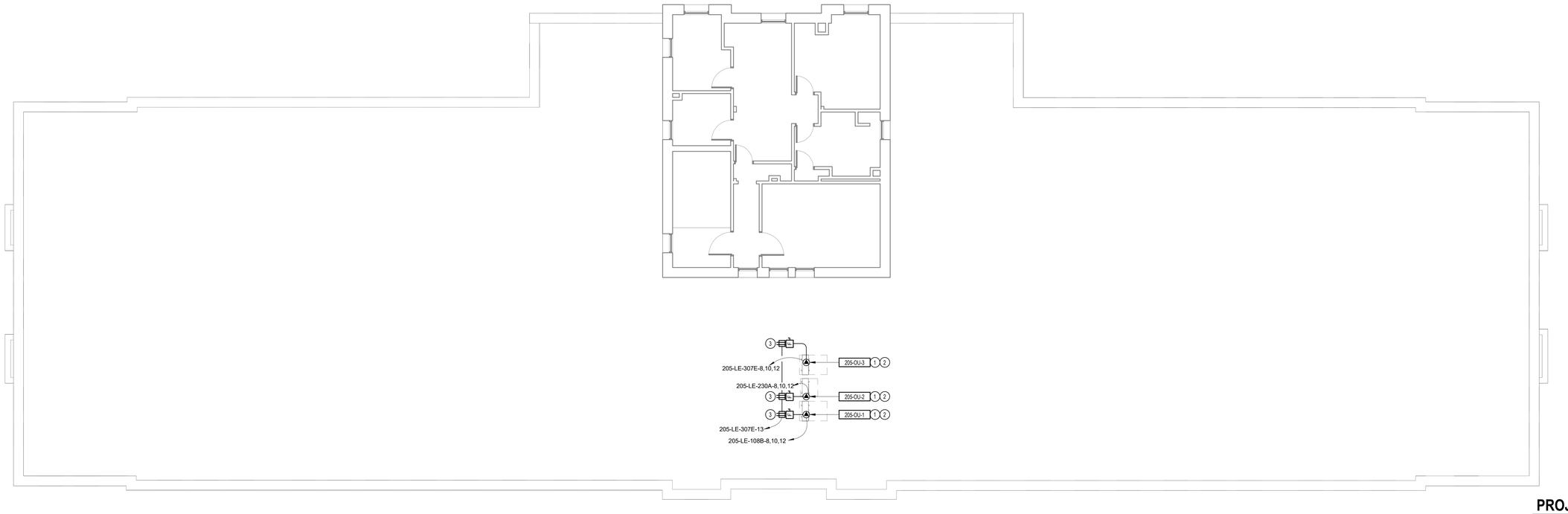
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

2 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

3 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.



1 PENTHOUSE POWER PLAN - BLDG. 205
1/8" = 1'-0"

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE
NOTES:									

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
205-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
205-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
205-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
205-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
205-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
205-OU-3	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1

NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 205 ROOF POWER PLAN - BLDG. 205	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 205
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 205-EP-041
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER	DRAWN BY: AJW

VA FORM 08 - 6231

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Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-205_Electrical_r22.rvt

GENERAL DEMOLITION NOTES

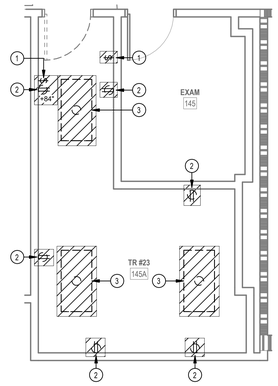
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

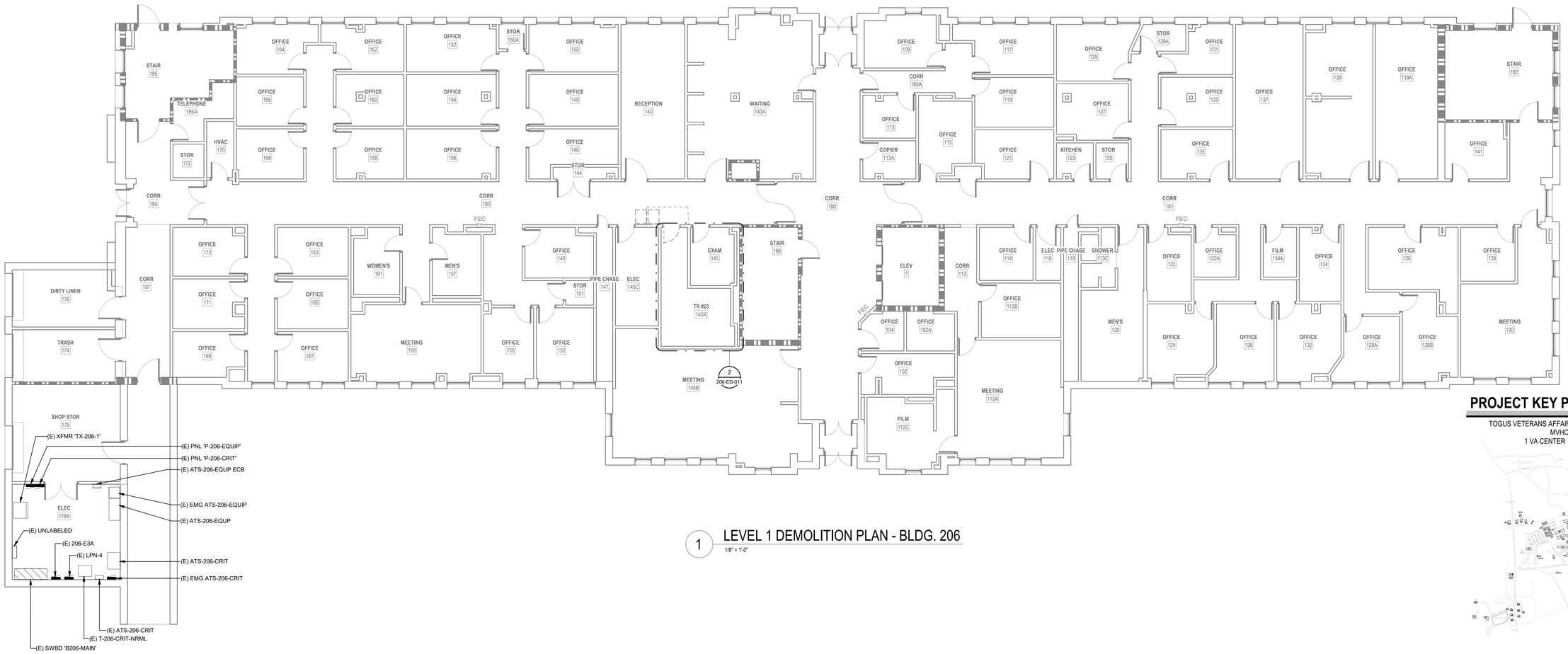
2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 LIGHT FIXTURE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY FOR EXISTING LIGHT FIXTURES TO REMAIN.



2 ENLARGED DEMOLITION PLAN - TR RM 145A

1/4" = 1'-0"



1 LEVEL 1 DEMOLITION PLAN - BLDG. 206

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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ARCHITECT/ENGINEER OF RECORD

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 206 LEVEL 1 DEMOLITION PLAN - BLDG 206	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 206
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 206-ED-011

VA FORM 08 - 6231

REISSUED 02-18-2026

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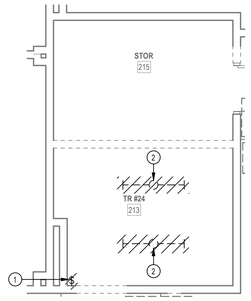
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

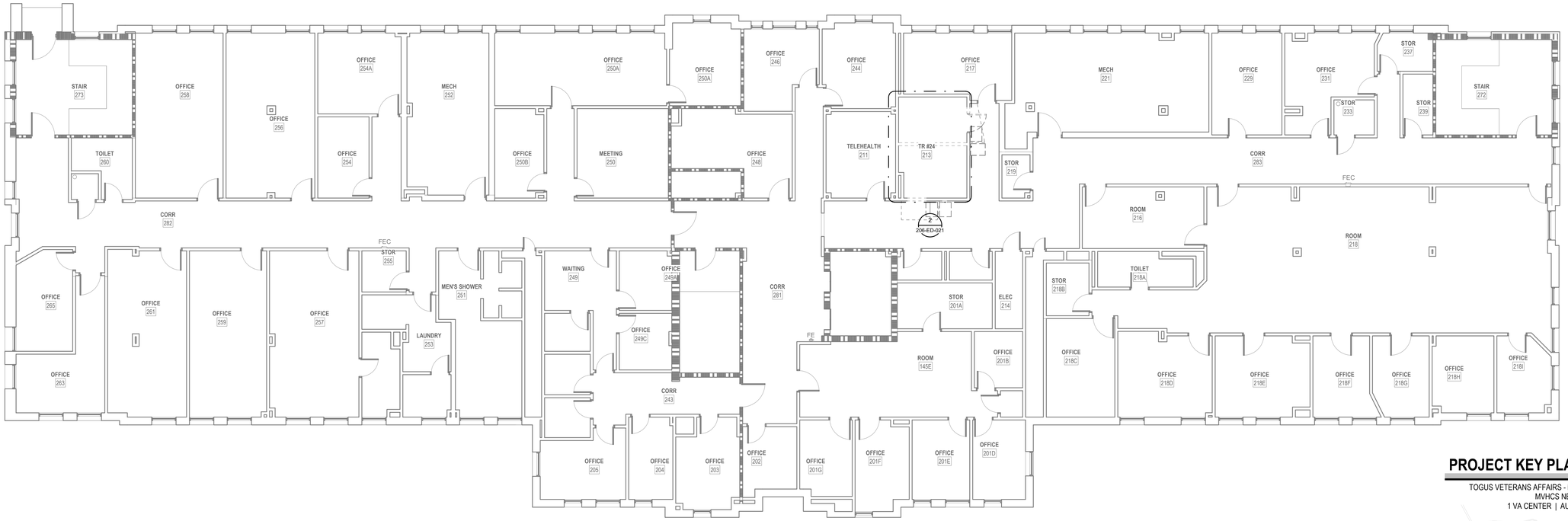
1 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.



2 ENLARGED DEMOLITION PLAN - TR RM 213

1/4" = 1'-0"



1 LEVEL 2 DEMOLITION PLAN - BLDG. 206

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 206 LEVEL 2 DEMOLITION PLAN - BLDG 206	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 206
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 206-ED-021

VA FORM 08 - 6231

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GENERAL DEMOLITION NOTES

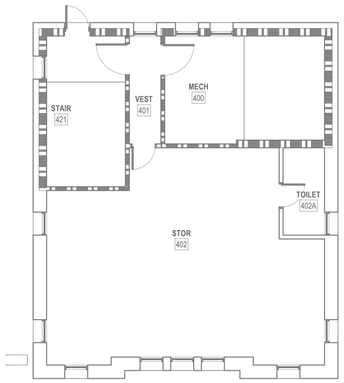
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

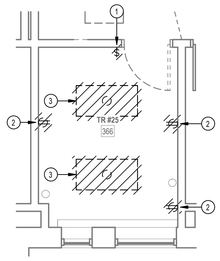
2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.



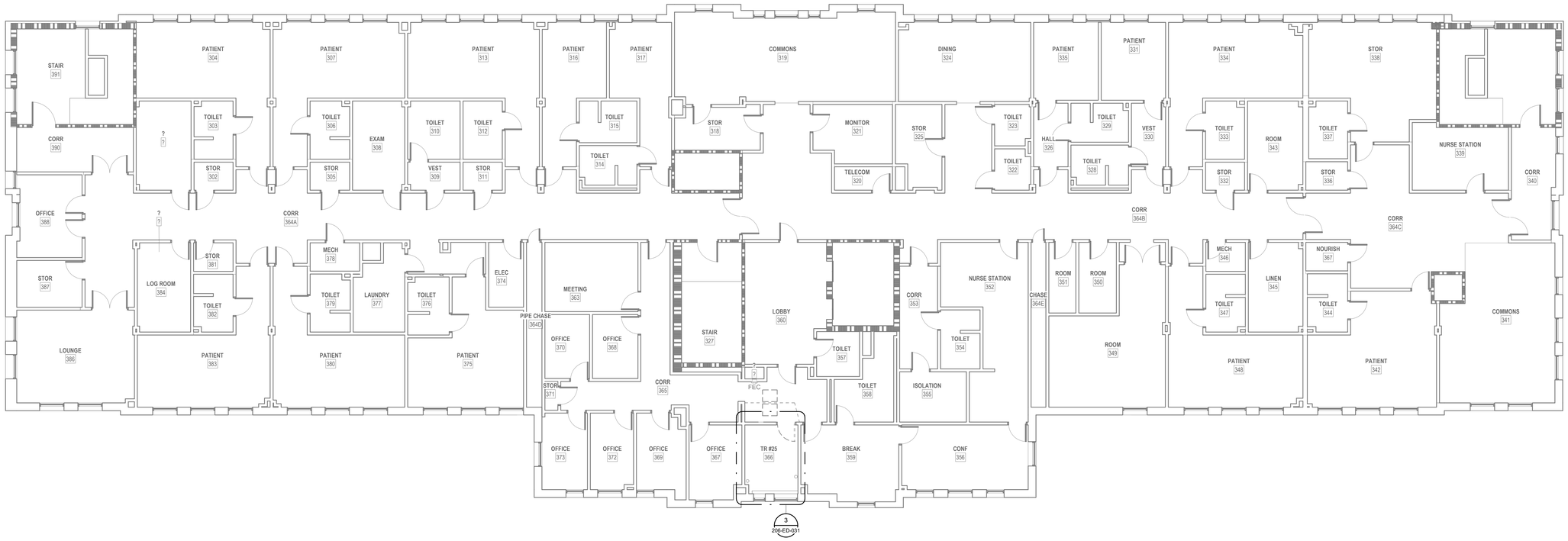
2 PENTHOUSE DEMOLITION PLAN - BLDG. 206

1/8" = 1'-0"



3 ENLARGED DEMOLITION PLAN - TR RM 366

1/4" = 1'-0"



1 LEVEL 3 DEMOLITION PLAN - BLDG. 206

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PH: 541-436-4723

GDM ARCHITECTS • ENGINEERS

STAMP

STATE OF WASHINGTON
RICHARD EDWARD MILLER
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 206 LEVEL 3 & PENTHOUSE DEMOLITION PLAN - BLDG 206	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 206
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 206-ED-031
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

REISSUED 02-18-2026

VA FORM 08 - 6231

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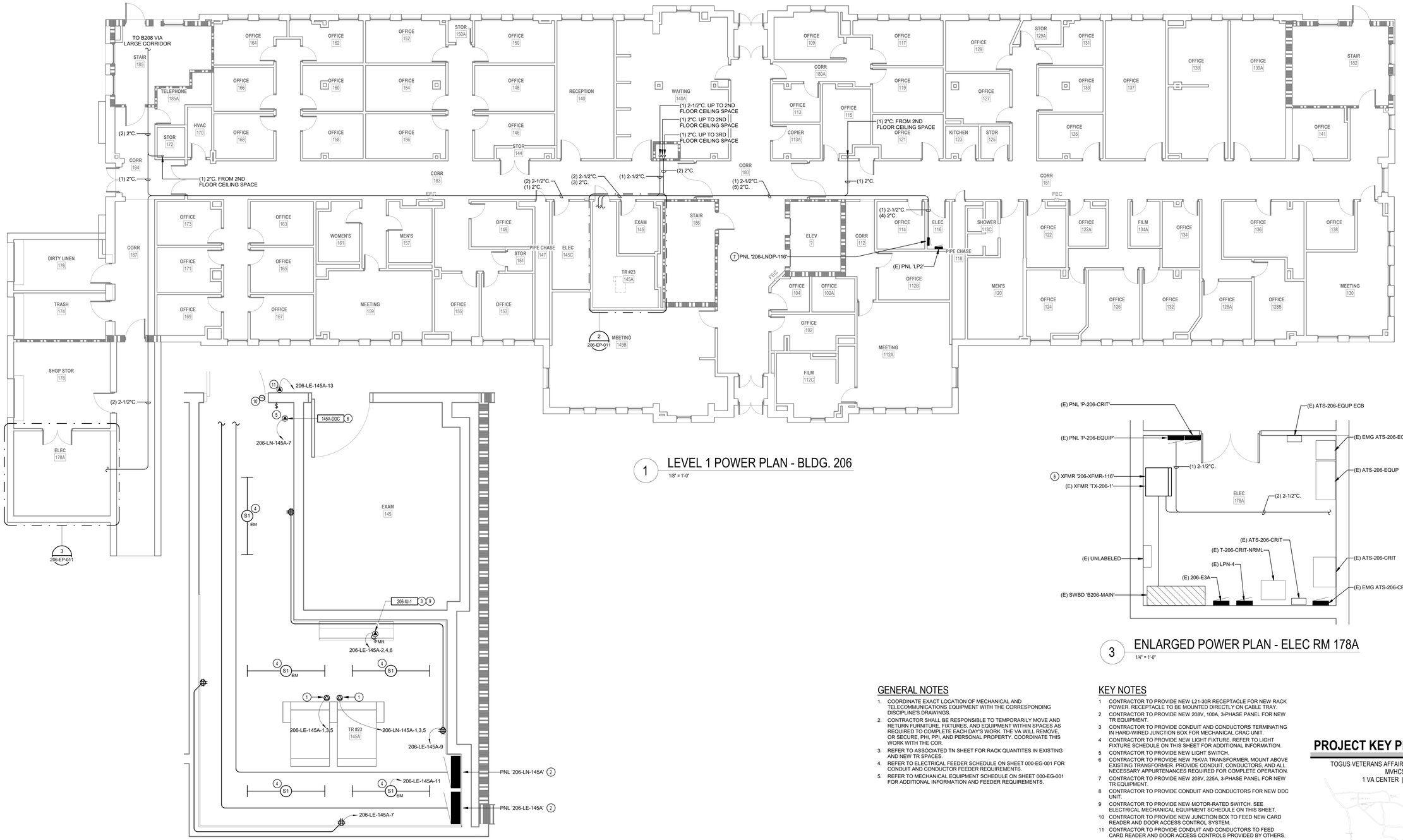

1 LEVEL 1 POWER PLAN - BLDG. 206

1/8" = 1'-0"

3 ENLARGED POWER PLAN - ELEC RM 178A

1/4" = 1'-0"

2 ENLARGED POWER PLAN - TR RM 145A

1/2" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1. CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2. CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4. CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5. CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6. CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER. MOUNT ABOVE EXISTING TRANSFORMER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
7. CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
8. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
9. CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
10. CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
11. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
206-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
206-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
206-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
206-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
206-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
206-OU-3	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

Revisions:	Date:

CONSULTANT

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129 NORTH 29th STREET, SUITE 100
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PH: 406.248.2633
<To Be Determined>, AIA

ARCHITECT/ENGINEER OF RECORD

A/E:
GDM-AE INC
1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

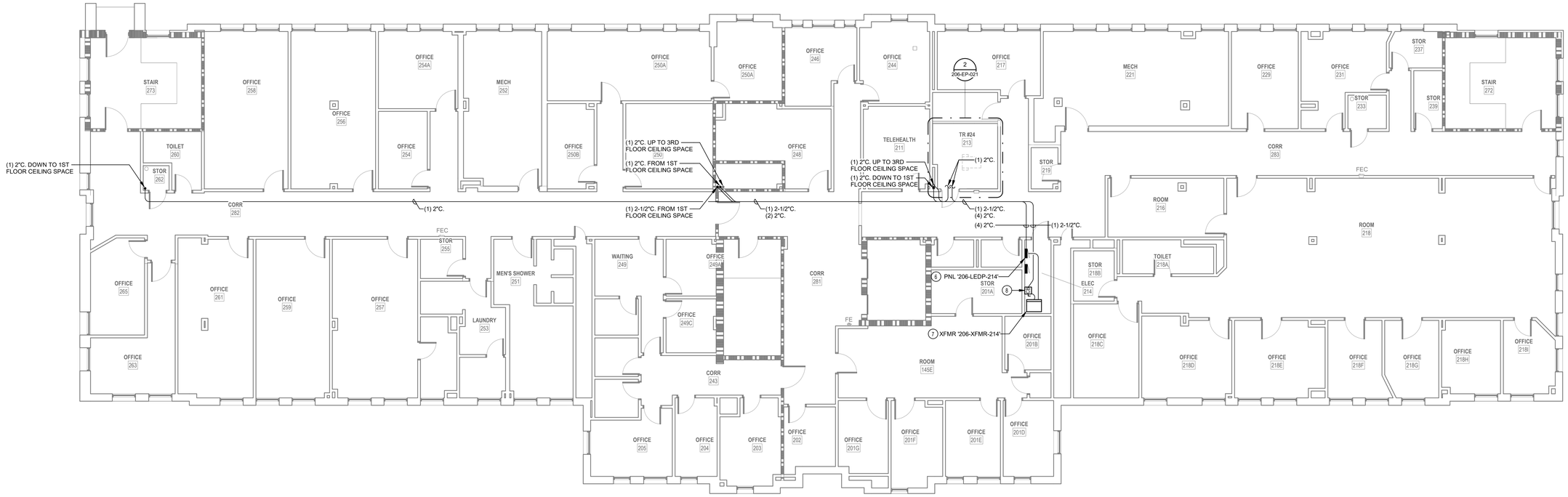
U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 206 LEVEL 1 POWER PLAN - BLDG. 206	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 206
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 206-EP-011

VA FORM 08 - 6231

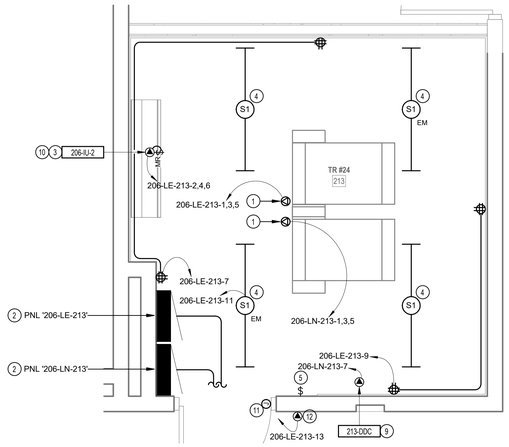
REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-206_Electrical_r22.rvt 11/7/2025 12:29:47 PM



1 LEVEL 2 POWER PLAN - BLDG. 206

1/8" = 1'-0"



2 ENLARGED POWER PLAN - TR RM 213

1/2" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1. CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2. CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4. CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5. CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6. CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
7. CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
8. CONTRACTOR TO PROVIDE NEW 150A ENCLOSED CIRCUIT BREAKER AND ENCLOSURE TO BE MOUNTED ON WALL.
9. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
10. CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
11. CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
12. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
206-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
206-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
206-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
206-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
206-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
206-OU-3	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

Revisions:	Date:

CONSULTANT

ARCHITECT:
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<To Be Determined>, AIA

ARCHITECT/ENGINEER OF RECORD

A/E:
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VANCOUVER, WA 98685
PH: 541-436-4723

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EDWARD J. GERVAIS
STATE OF WASHINGTON
20107559
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 206 LEVEL 2 POWER PLAN - BLDG. 206	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 206
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 206-EP-021

VA FORM 08 - 6231

REISSUED 02-18-2026

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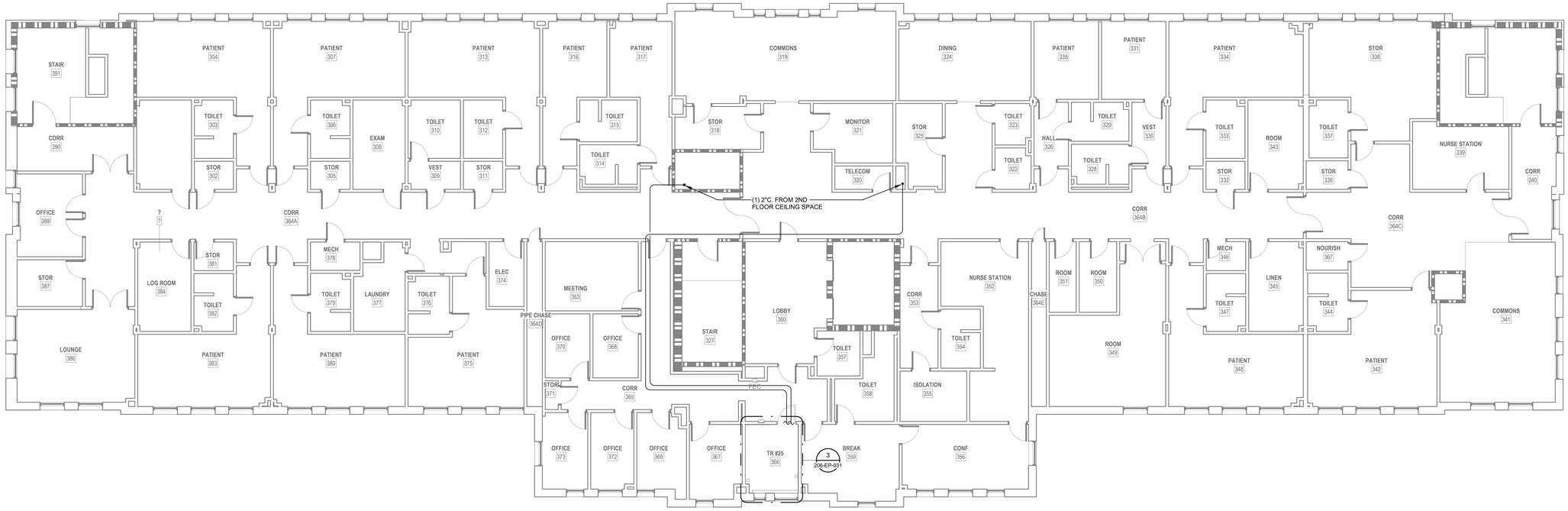
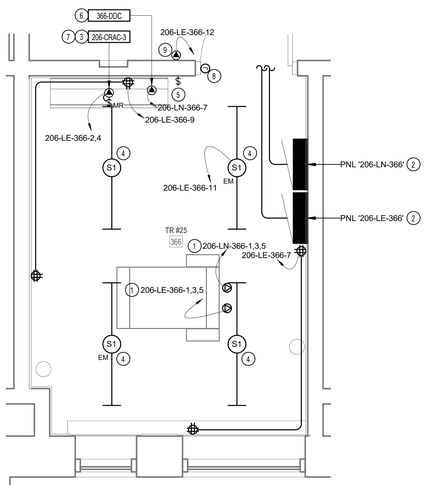


1 LEVEL 3 POWER PLAN - BLDG. 206

1/8" = 1'-0"



3 ENLARGED POWER PLAN - TR RM 366

1/2" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-20R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
7 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
8 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
206-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
206-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
206-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
206-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
206-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
206-OU-3	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

Revisions:	Date:

CONSULTANT

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VANCOUVER, WA 98685
PH: 541-436-4723

GDM ARCHITECTS • ENGINEERS

STAMP

RANDAL EDWARD MOTT STATE OF WASHINGTON 40 100 REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 206 LEVEL 3 POWER PLAN - BLDG. 206

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025

CHECKED BY: MER

DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 206

DRAWING NUMBER: 206-EP-031

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-206_Electrical_r22.rvt

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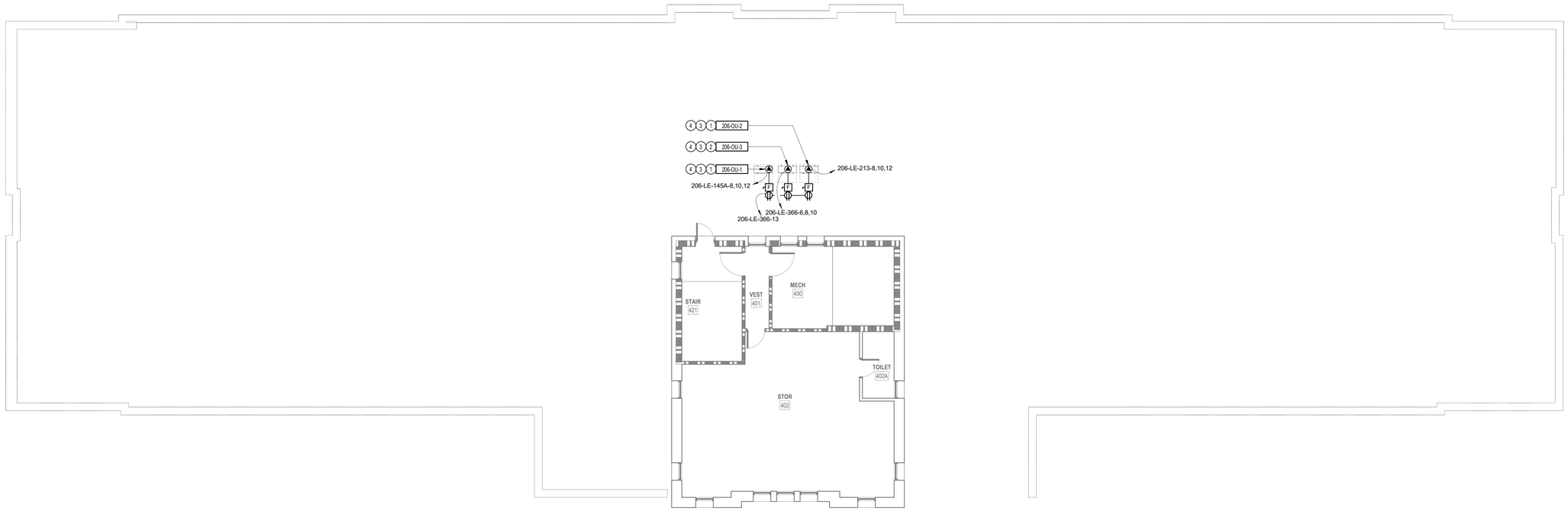
REISSUED 02-18-2026



1 PENTHOUSE POWER PLAN - BLDG. 206

1/8" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

2 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

3 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

4 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
206-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
206-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
206-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
206-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
206-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
206-OU-3	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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<To Be Determined>, AIA

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PH: 541-436-4723

GDM ARCHITECTS • ENGINEERS

STAMP

EDWARD J. DEFRANCO
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 206 PENTHOUSE POWER PLAN - BLDG. 206

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 206

DRAWING NUMBER: 206-EP-041

REISSUED 02-18-2026

VA FORM 08 - 6231

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-206_Electrical_r22.rvt 11/7/2025 12:29:48 PM

GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

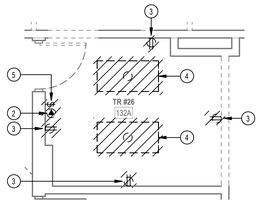
1 EXISTING OUTSIDE MECHANICAL UNIT TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING MINISPLIT TO BE REMOVED BY MECHANICAL. CONTRACTOR TO REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

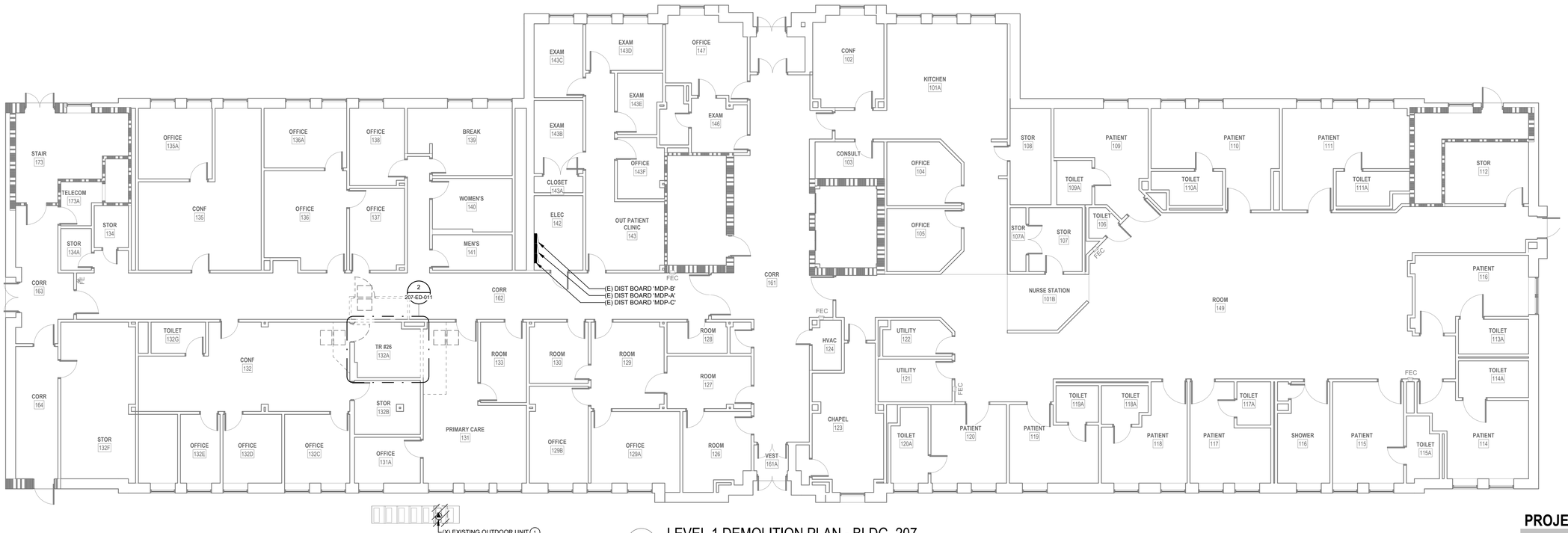
4 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

5 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.



2 ENLARGED DEMOLITION PLAN - TR RM 132A

1/4" = 1'-0"



1 LEVEL 1 DEMOLITION PLAN - BLDG. 207

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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ARCHITECT/ENGINEER OF RECORD

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1304 NE 134TH STREET, SUITE A
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PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE BUILDING 207 LEVEL 1 DEMOLITION PLAN - BLDG. 207	PHASE 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER 402-22-700
APPROVED:	FLS FULLY SPRINKLERED	LOCATION TOGUS VA MEDICAL CENTER	BUILDING NUMBER 207
		ISSUE DATE NOVEMBER 10, 2025 / CHECKED BY MER / DRAWN BY AJW	DRAWING NUMBER 207-ED-011

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-207_Electrical_r22.rvt

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GENERAL DEMOLITION NOTES

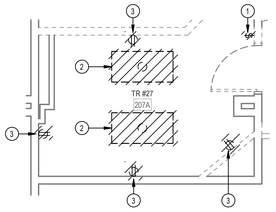
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

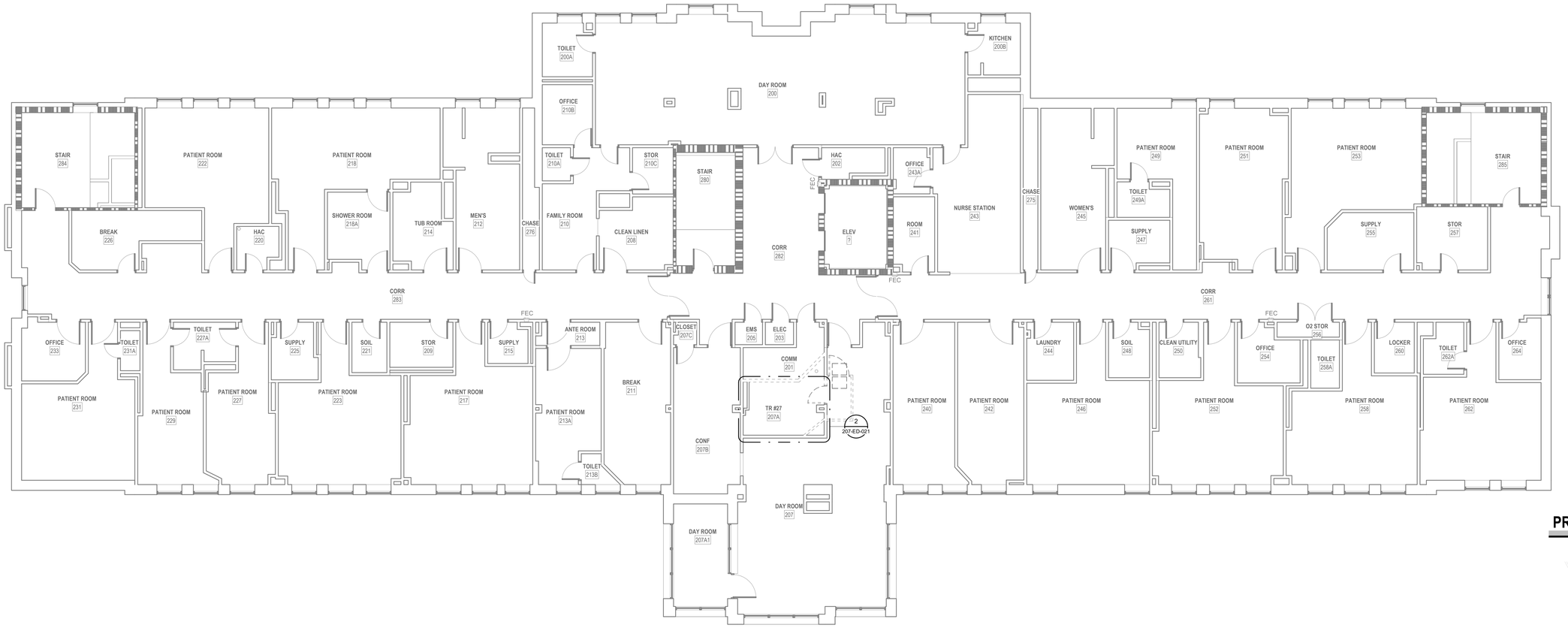
2 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

3 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



2 ENLARGED DEMOLITION PLAN - TR RM 201

1/4" = 1'-0"

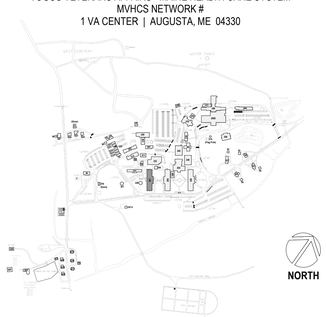


1 LEVEL 2 DEMOLITION PLAN - BLDG. 207

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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ARCHITECT/ENGINEER OF RECORD

A/E:
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1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 207 LEVEL 2 DEMOLITION PLAN - BLDG. 207	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 207
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 207-ED-021

VA FORM 08 - 6231

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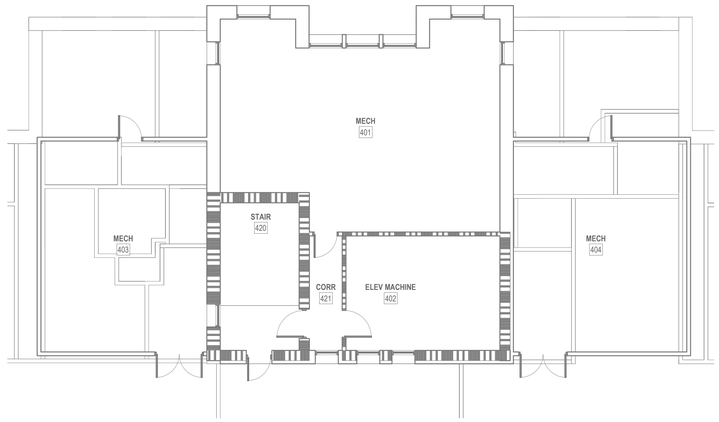
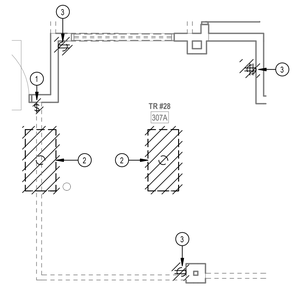


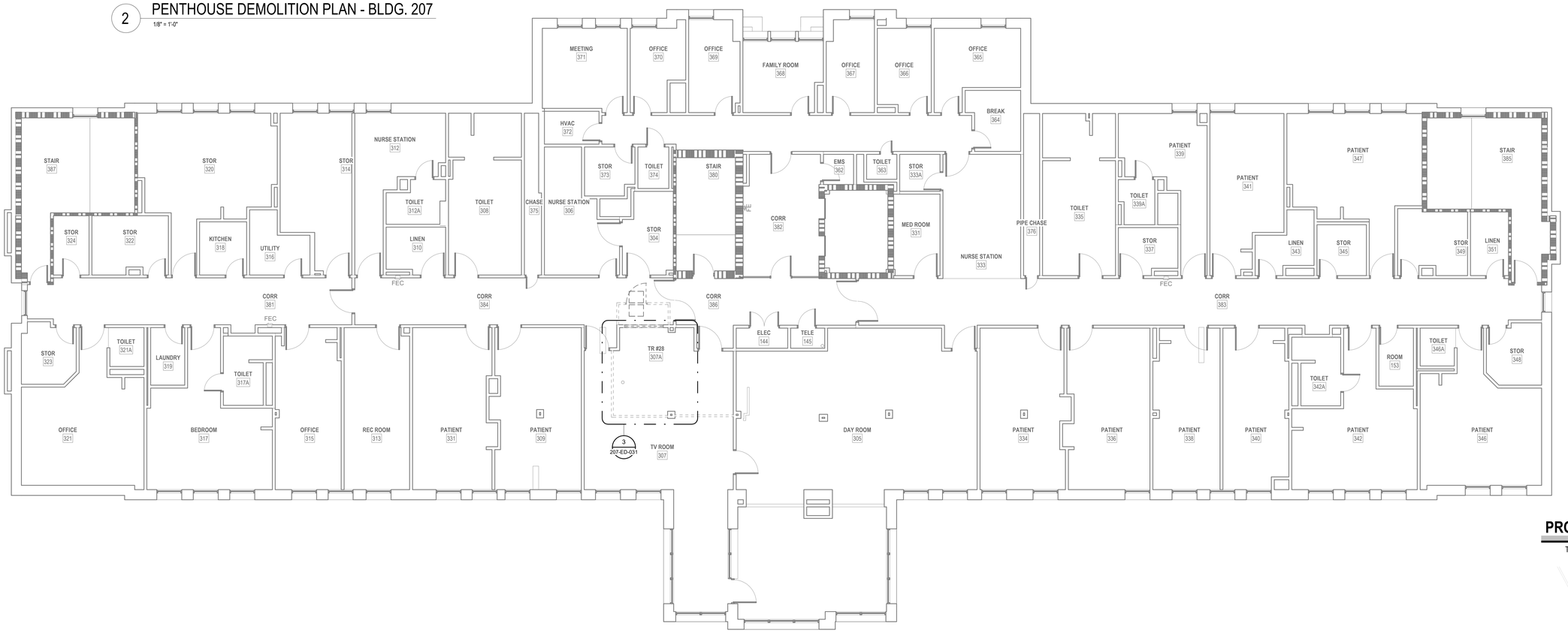
2 PENTHOUSE DEMOLITION PLAN - BLDG. 207

1/8" = 1'-0"



3 ENLARGED DEMOLITION PLAN - TR RM 307A

1/4" = 1'-0"



1 LEVEL 3 DEMOLITION PLAN - BLDG. 207

1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING LIGHT SWITCH TO BE RELOCATED. REROUTE EXISTING CONDUIT AND CONDUCTORS TO NEW SWITCH ON ASSOCIATED 'EP' SHEET. JUNCTION BOX TO BE REMAIN FOR REUSE.

2 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

3 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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GDM ARCHITECTS • ENGINEERS

STAMP

EDWARD J. MEYER
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 207 LEVEL 3 & PENTHOUSE DEMOLITION PLAN - BLDG. 207	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 207
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 207-ED-031
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-207_Electrical_r22.rvt

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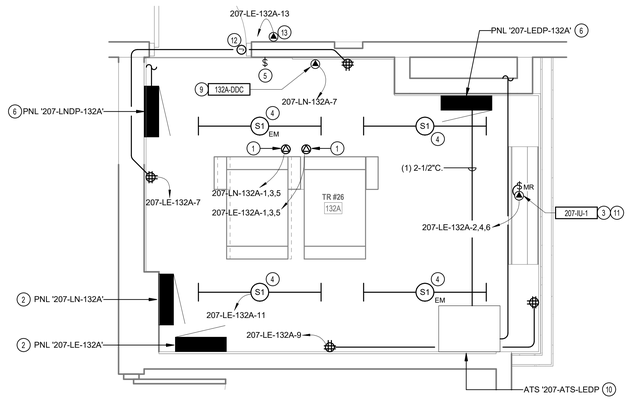
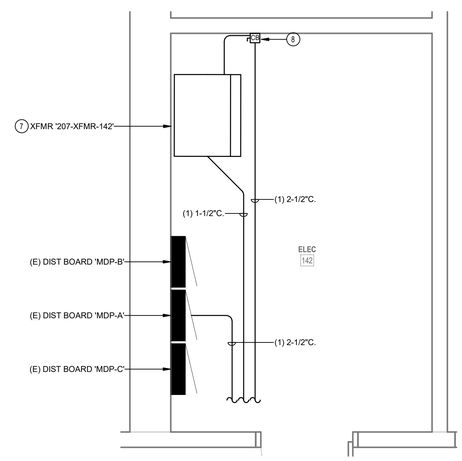
VA FORM 08 - 6231

REISSUED 02-18-2026

1 LEVEL 1 POWER PLAN - BLDG. 207
1/8" = 1'-0"



2 ENLARGED POWER PLAN - TR RM 132A
1/2" = 1'-0"



3 ENLARGED POWER PLAN - ELEC RM 142
1/2" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
7 CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
8 CONTRACTOR TO PROVIDE NEW 250A/3P ADJUSTABLE TRIP ENCLOSED CIRCUIT BREAKER AND ENCLOSURE TO BE MOUNTED ON WALL. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
10 CONTRACTOR TO PROVIDE NEW 208V, 225A AUTOMATIC TRANSFER SWITCH. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
11 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
12 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
13 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	PHASE	N	G	DISCONNECT SIZE	FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
207-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
207-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
207-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
207-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
207-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
207-OU-3	208/1	-	-	-	22.00	35	3/4"	2#6	-	#10	60	40	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

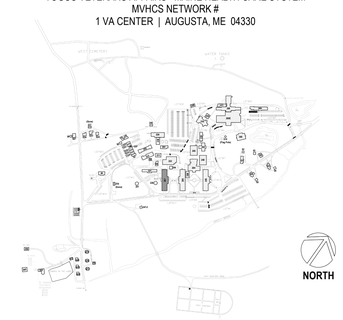
LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE. LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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EDWARD MEYER — STATE OF WASHINGTON — 18 JUNE 2025 — REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 207 LEVEL 1 POWER PLAN - BLDG. 207	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 207
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 207-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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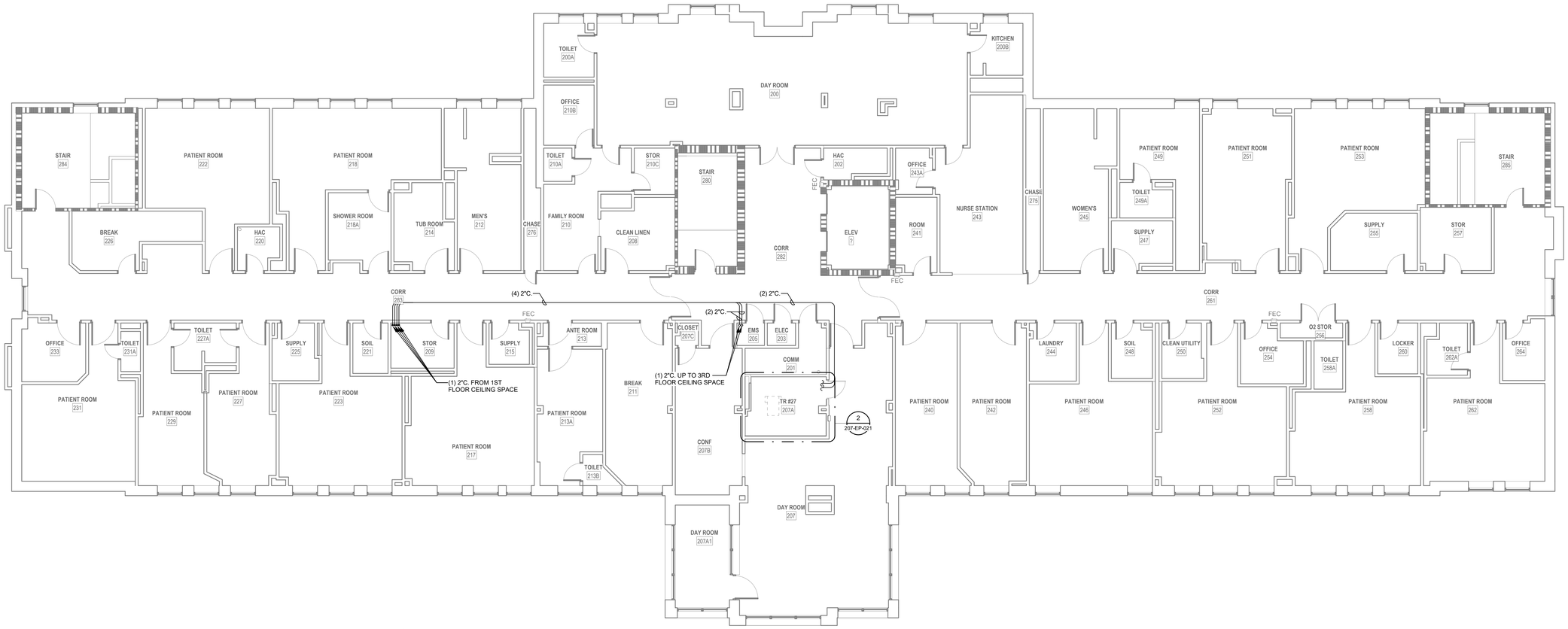
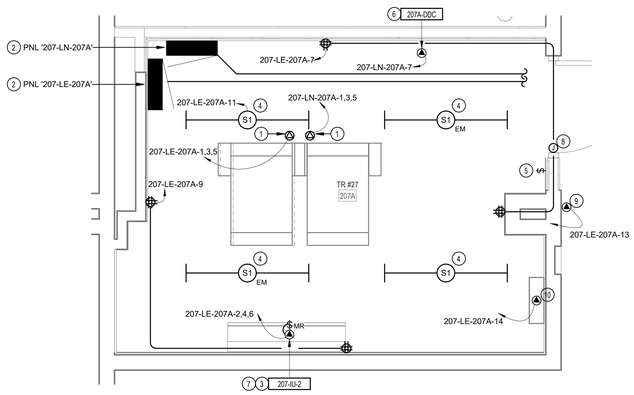


1 LEVEL 2 POWER PLAN - BLDG. 207

1/8" = 1'-0"



2 ENLARGED POWER PLAN - TR RM 207A

1/2" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
7 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
8 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
10 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
207-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
207-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
207-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
207-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
207-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
207-OU-3	208/1	-	-	-	22.00	35	3/4"	2#6	-	#10	60	40	1

NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

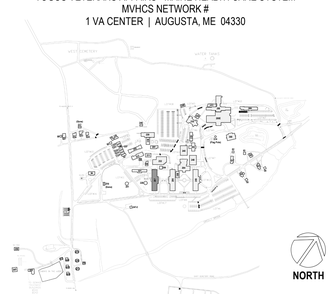
LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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PH: 406.248.2633
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PH: 541-436-4723

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EDWARD J. MEYERS, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	BUILDING 207 LEVEL 2 POWER PLAN - BLDG. 207
PHASE	100% CONSTRUCTION DOCUMENTS
APPROVED:	
FLS	FULLY SPRINKLERED
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER	402-22-700
BUILDING NUMBER	207
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	NOVEMBER 10, 2025
CHECKED BY	MER
DRAWN BY	AJW
DRAWING NUMBER	207-EP-021

VA FORM 08 - 6231

REISSUED 02-18-2026

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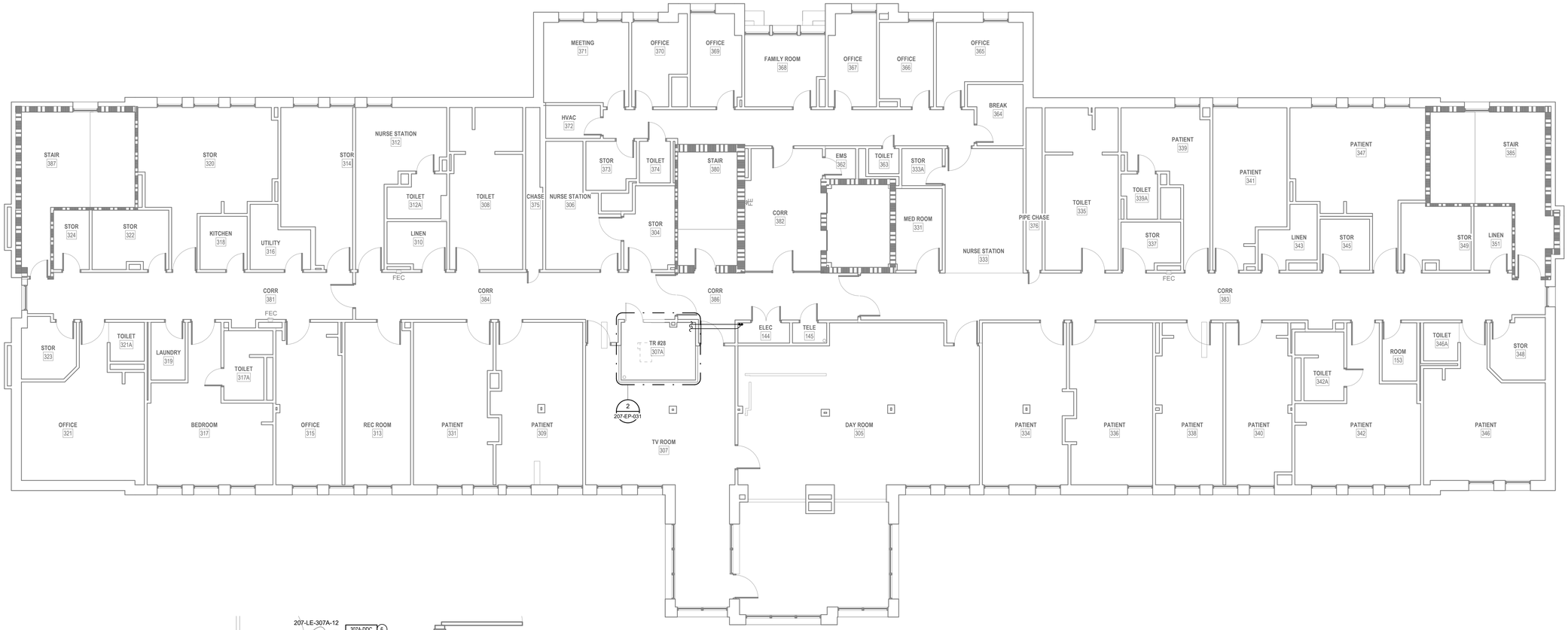
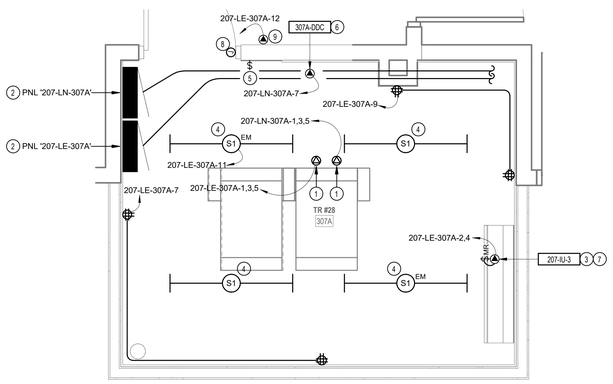


1 LEVEL 3 POWER PLAN - BLDG. 207

1/8" = 1'-0"



2 ENLARGED POWER PLAN - TR RM 307A

1/2" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-20R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
7 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
8 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
207-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
207-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
207-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
207-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
207-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
207-OU-3	208/1	-	-	-	22.00	35	3/4"	2#6	-	#10	60	40	1

NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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ARCHITECT/ENGINEER OF RECORD

A/E:
GDM-AE INC
1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

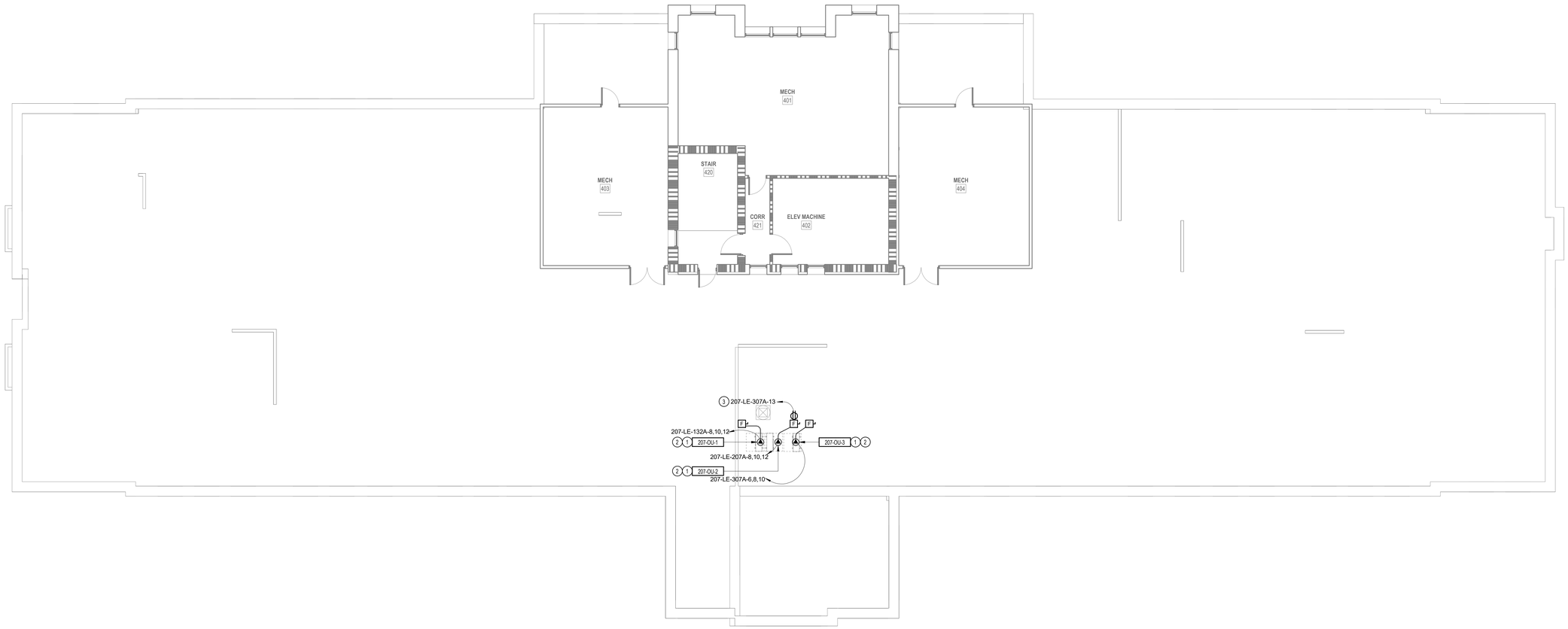
U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 207 LEVEL 3 POWER PLAN - BLDG. 207	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 207
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 207-EP-031

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-207_Electrical_r22.rvt 11/7/2025 12:53:02 PM



1 PENTHOUSE POWER PLAN - BLDG. 207

1/8" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

2 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

3 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
207-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
207-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
207-IU-3	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
207-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
207-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
207-OU-3	208/1	-	-	-	22.00	35	3/4"	2#6	-	#10	60	40	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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PH: 541-436-4723

GDM ARCHITECTS • ENGINEERS

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 207 PENTHOUSE POWER PLAN - BLDG. 207

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 207

DRAWING NUMBER: 207-EP-041

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-207_Electrical_r22.rvt
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GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

1 EXISTING MECHANICAL EQUIPMENT TO BE REMOVED BY MECHANICAL. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING DISCONNECT SERVING OUTSIDE MECHANICAL UNIT TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

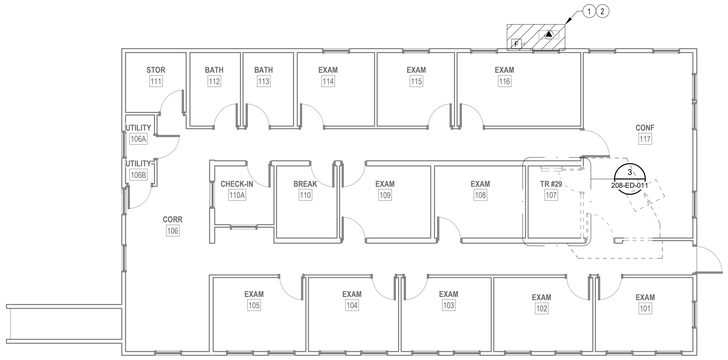
3 EXISTING MINISPLIT TO BE REMOVED BY MECHANICAL. CONTRACTOR TO REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

4 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

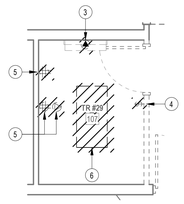
5 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

6 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

1 BASEMENT DEMOLITION PLAN - BLDG. 208
1/8" = 1'-0"



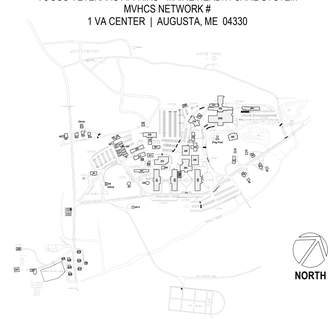
2 LEVEL 1 DEMOLITION PLAN - BLDG. 208
1/8" = 1'-0"



3 ENLARGED DEMOLITION PLAN - TR RM 107
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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ARCHITECT/ENGINEER OF RECORD

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GDM ARCHITECTS • ENGINEERS

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EDWARD J. DEMPSEY
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 208 BASEMENT & LEVEL 1 DEMOLITION PLAN - BLDG. 208	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 208
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 208-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
208-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
208-OU-1	208/1	-	-	-	22.00	35	3/4"	2#6	-	#10	60	40	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

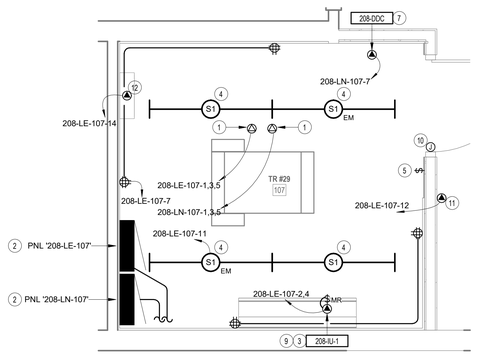
GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

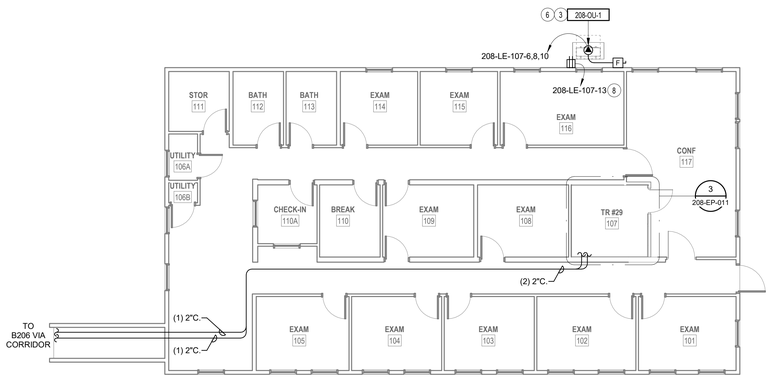
KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-20R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
8 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.
9 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
10 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
11 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
12 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.

1 BASEMENT POWER PLAN - BLDG. 208
1/8" = 1'-0"



3 ENLARGED POWER PLAN - TR RM 107
1/2" = 1'-0"



2 LEVEL 1 POWER PLAN - BLDG. 208
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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EDWARD J. GIRARD, STATE OF WASHINGTON, 40759, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 208 BASEMENT & LEVEL 1 POWER PLAN - BLDG. 208	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 208
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 208-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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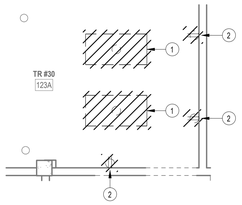
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

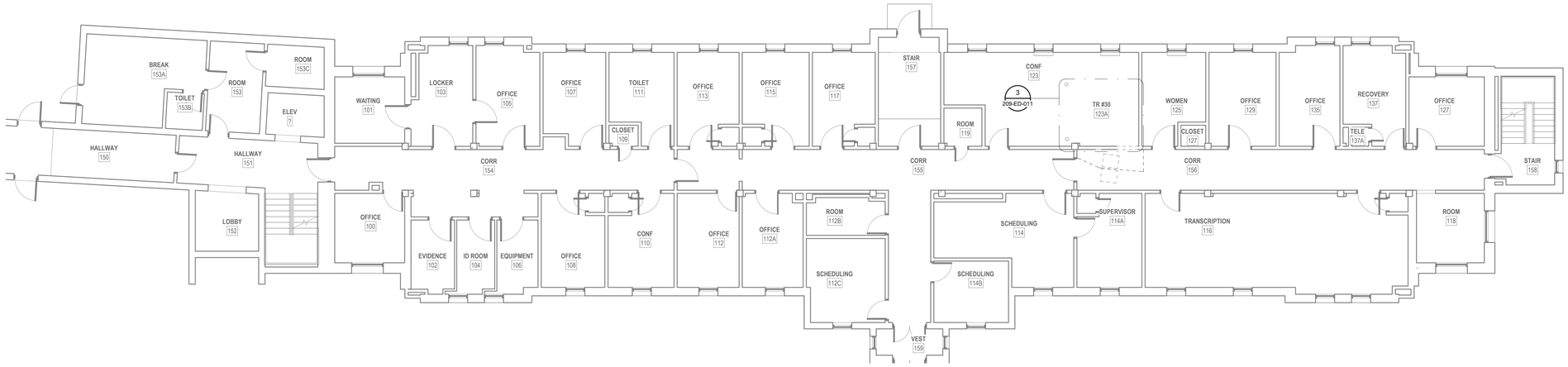
KEY NOTES

1 LIGHT FIXTURE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY FOR EXISTING LIGHT FIXTURES TO REMAIN.

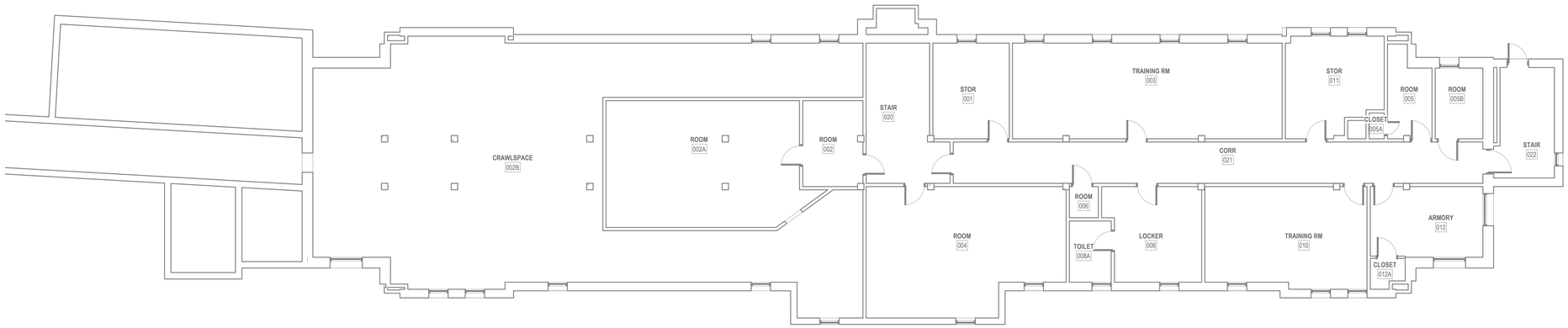
2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



3 ENLARGED DEMOLITION PLAN - TR RM 112A
1/4" = 1'-0"



2 LEVEL 1 DEMOLITION PLAN - BLDG. 209
1/8" = 1'-0"



1 BASEMENT DEMOLITION PLAN - BLDG. 209
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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PH: 541-436-4723

GDM ARCHITECTS • ENGINEERS

STAMP

RANDAL EDWARD MOORE
STATE OF WASHINGTON
40 109
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 209 BASEMENT & LEVEL 1 DEMOLITION PLAN - BLDG. 209

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 209

DRAWING NUMBER: 209-ED-011

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-209_Electrical_r22.rvt 11/7/2025 1:30:28 PM

GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
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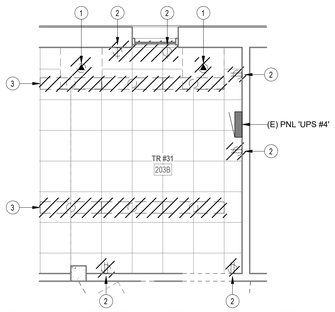
KEY NOTES

1 EXISTING MECHANICAL UNIT TO BE RELOCATED BY MECHANICAL. REFER TO ASSOCIATED 'EP' SHEET FOR NEW LOCATION OF MECHANICAL UNIT.

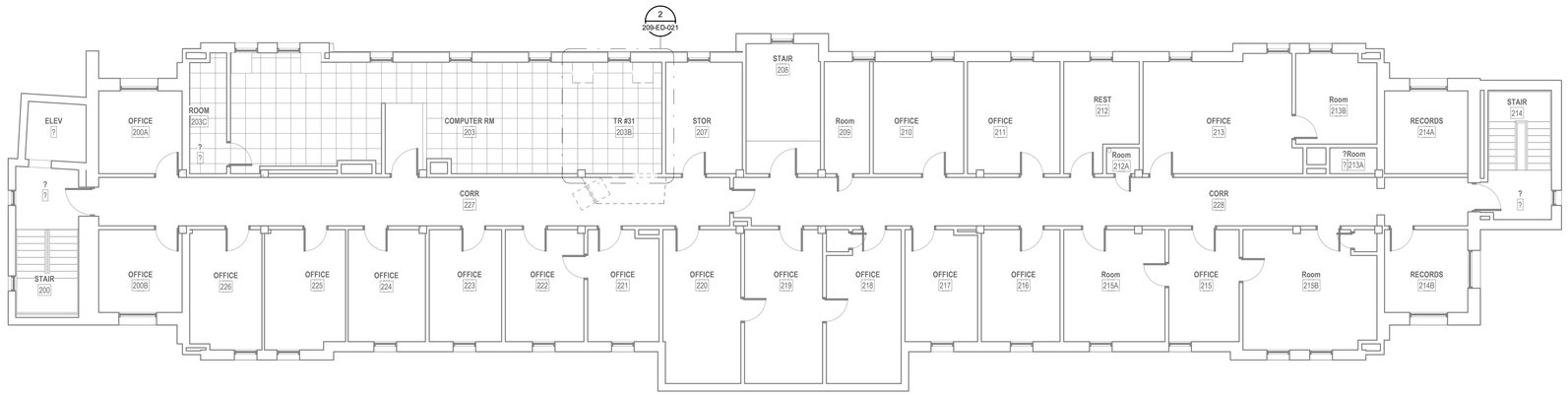
2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.



2 ENLARGED DEMOLITION PLAN - TR RM 203B

1/4" = 1'-0"

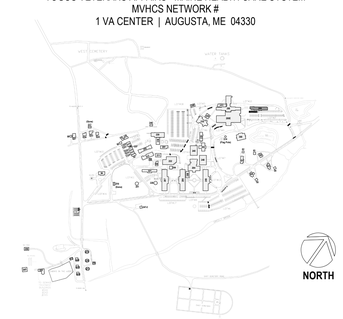


1 LEVEL 2 DEMOLITION PLAN - BLDG. 209

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

STAMP

EDWARD J. GEFFRE, STATE OF WASHINGTON, REG. 60759, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 209 LEVEL 2 DEMOLITION PLAN - BLDG. 209	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 209
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 209-ED-021

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-209_Electrical_r22.rvt
11/7/2025 1:30:28 PM

LUMINAIRE SCHEDULE

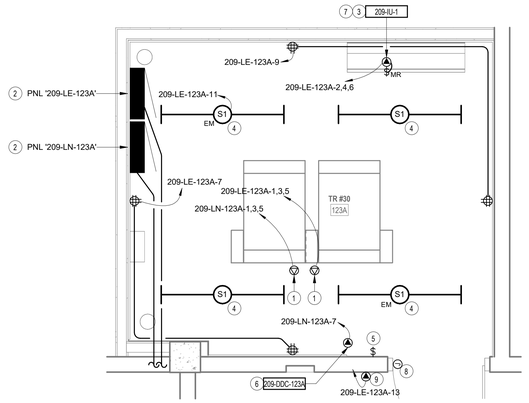
TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

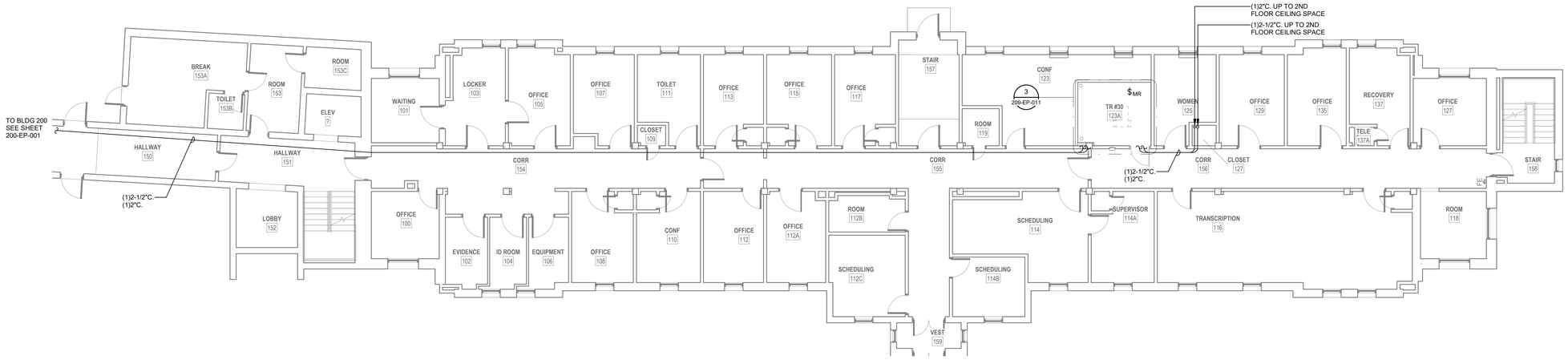
ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
209-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
209-IU-2	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
209-OU-1	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1
209-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1

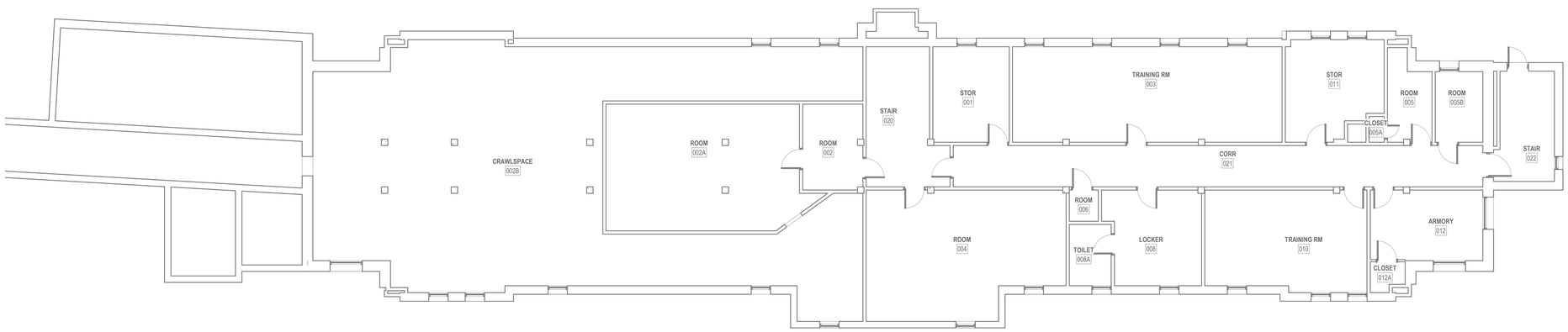
NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.



3 ENLARGED POWER PLAN - TR RM 123A
1/2" = 1'-0"



2 LEVEL 1 POWER PLAN - BLDG. 209
1/8" = 1'-0"



1 BASEMENT POWER PLAN - BLDG. 209
1/8" = 1'-0"

GENERAL NOTES

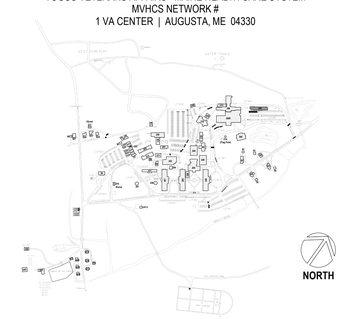
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
7 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
8 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 209 BASEMENT & LEVEL POWER PLAN - BLDG. 209	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 209
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 209-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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REISSUED 02-18-2026

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NOTES:									

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
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209-OU-2	208/1	-	-	-	34.00	56	1"	2#4	-	#10	60	60	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
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5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

1 CONTRACTOR TO PROVIDE NEW L21-30R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.

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3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

6 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

7 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

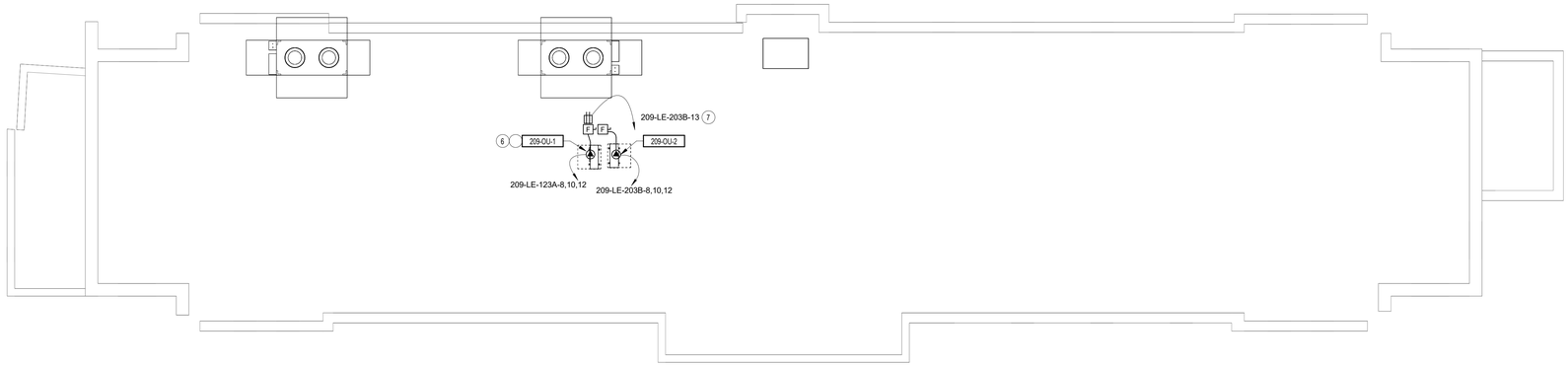
8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

9 NEW LOCATION OF EXISTING MECHANICAL UNIT. REROUTE EXISTING CONDUIT AND CONDUCTORS TO RELOCATED MACHANICAL UNIT AS REQUIRED FOR COMPLETE OPERATION.

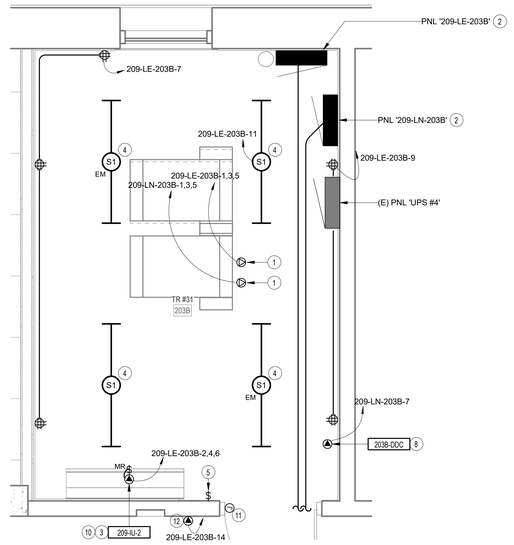
10 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

11 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

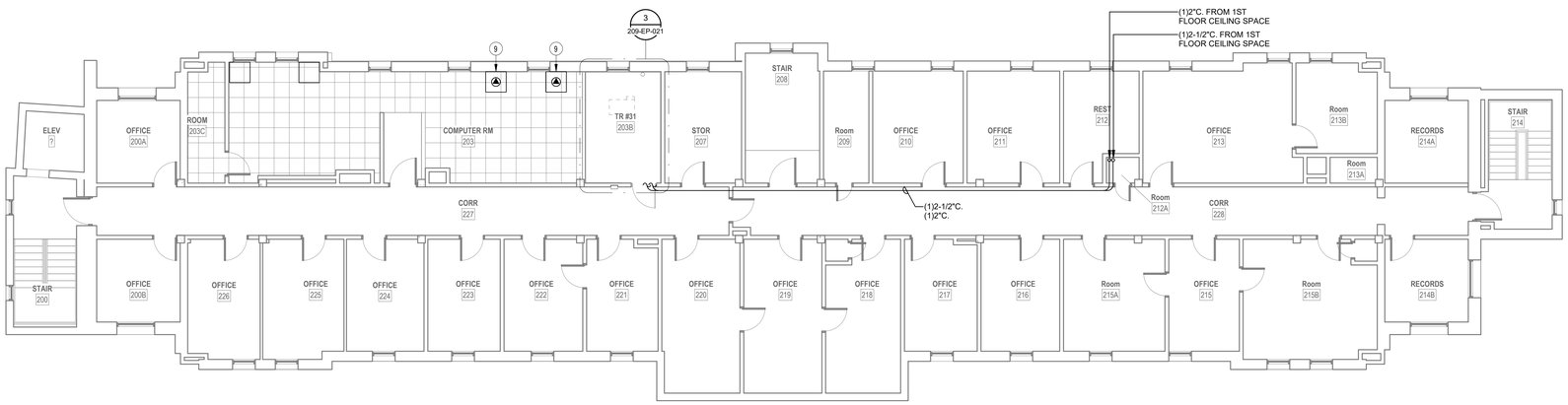
12 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.



2 ROOF POWER PLAN - BLDG. 209
1/8" = 1'-0"



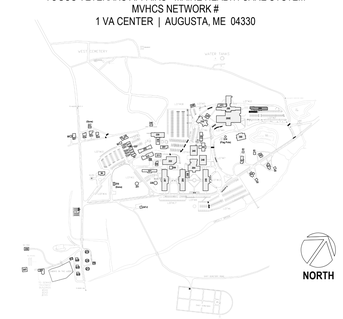
3 ENLARGED POWER PLAN - TR RM 203B
1/2" = 1'-0"



1 LEVEL 2 POWER PLAN - BLDG. 209
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	BUILDING 209 LEVEL 2 & ROOF POWER PLAN - BLDG. 209
PHASE	100% CONSTRUCTION DOCUMENTS
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER	402-22-700
BUILDING NUMBER	209
APPROVED:	
FLS	FULLY SPRINKLERED
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	NOVEMBER 10, 2025
CHECKED BY	MER
DRAWN BY	AJW
DRAWING NUMBER	209-EP-021

VA FORM 08 - 6231

REISSUED 02-18-2026

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GENERAL DEMOLTION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

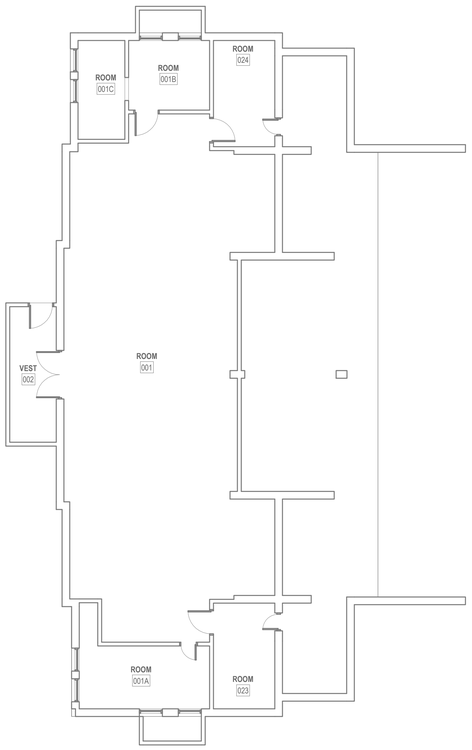
1 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING UPS TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT, CONDUCTORS, AND JUNCTION BOXES BACK TO SOURCE.

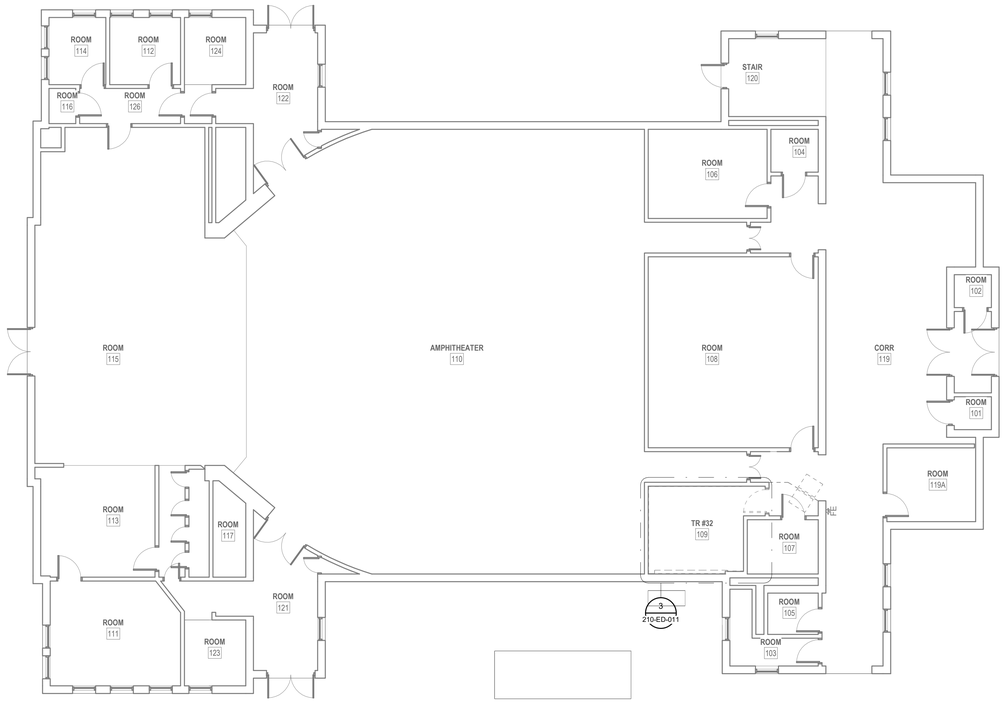
3 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

4 EXISTING MINISPLIT TO BE REMOVED BY MECHANICAL. CONTRACTOR TO REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

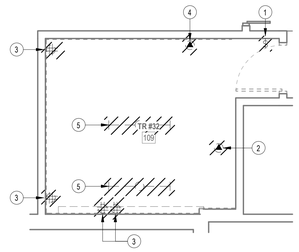
5 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.



1 BASEMENT DEMOLITION PLAN - BLDG. 210
1/8" = 1'-0"



2 LEVEL 1 DEMOLITION PLAN - BLDG. 210
1/8" = 1'-0"



3 ENLARGED DEMOLITION PLAN - TR RM 109
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 210 BASEMENT & LEVEL 1 DEMOLITION PLAN - BLDG. 210	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 210
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 210-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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REISSUED 02-18-2026

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GENERAL DEMOLTION NOTES

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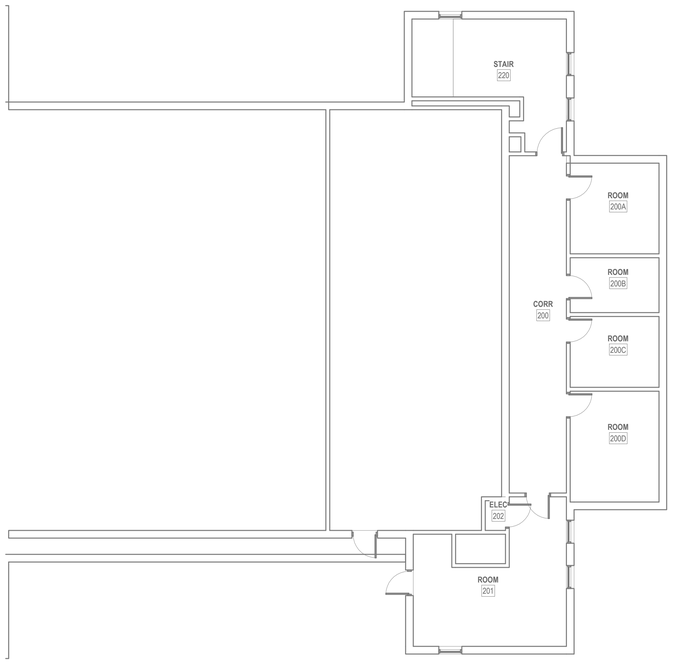
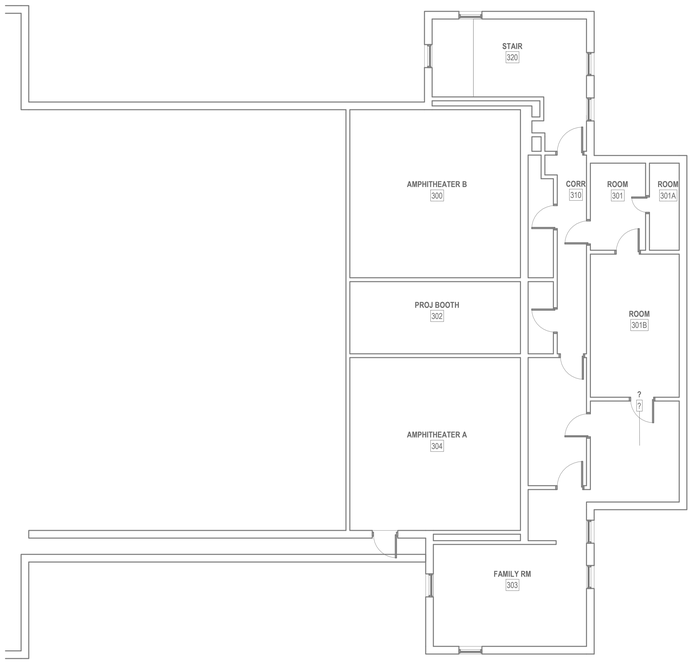
KEY NOTES



1 LEVEL 2 DEMOLITION PLAN - BLDG. 210
1/8" = 1'-0"



2 LEVEL 3 DEMOLITION PLAN - BLDG. 210
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PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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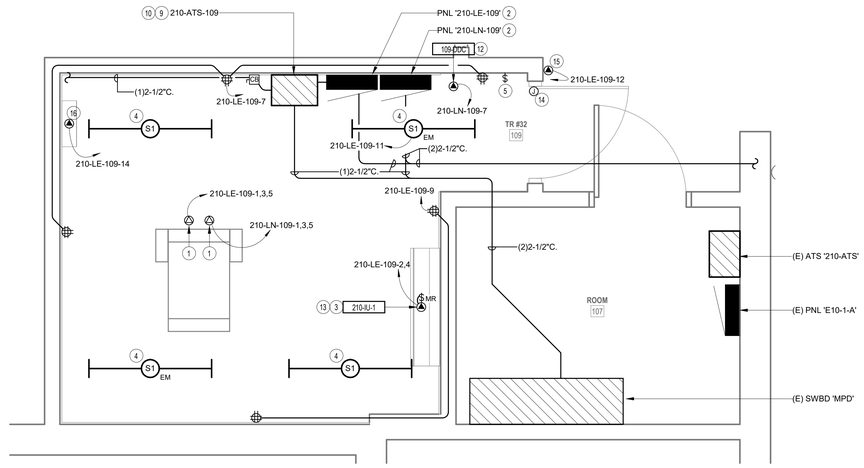
3. PROVIDE WITH MOTOR-RATED SWITCH.



3 ENLARGED POWER PLAN - TR RM 109

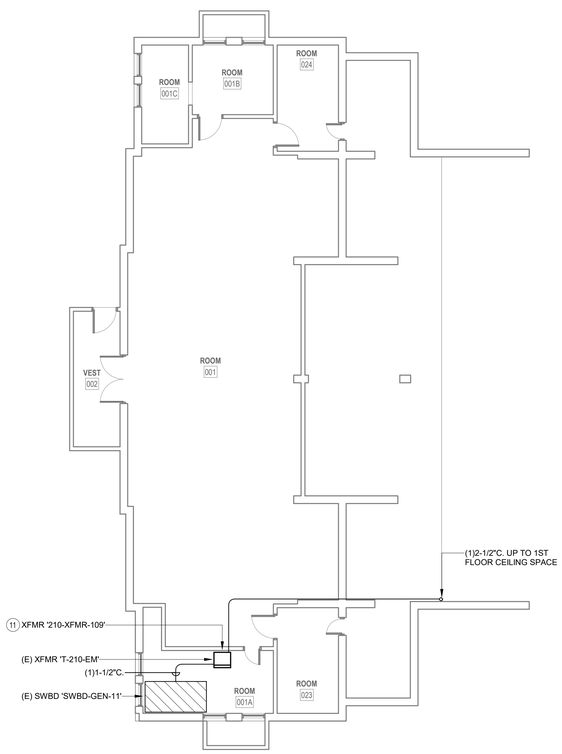
1/2" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

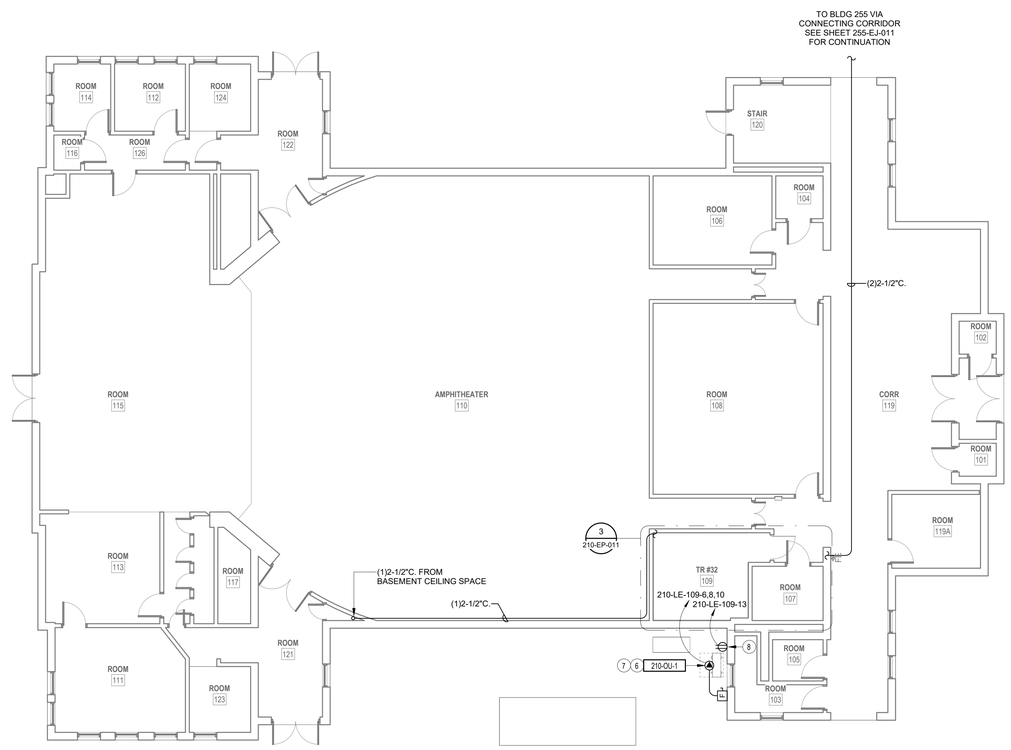
KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-20R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.
7 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
8 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.
9 CONTRACTOR TO PROVIDE NEW 208V, 225A AUTOMATIC TRANSFER SWITCH. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
10 CONTRACTOR TO PROVIDE NEW 125A/3P ENCLOSED CIRCUIT BREAKER AND ENCLOSURE TO BE MOUNTED ON VERTICAL BUSWAY. PROVIDE ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. MATCH EXISTING TYPE AND MANUFACTURER.
11 CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER. MOUNT ABOVE EXISTING TRANSFORMER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
12 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
13 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
14 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
15 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
16 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



1 BASEMENT POWER PLAN - BLDG. 210

1/8" = 1'-0"

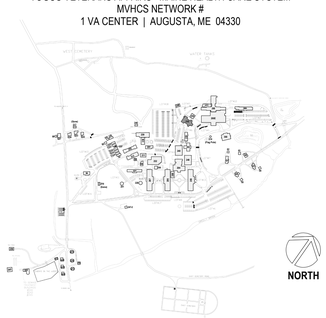


2 LEVEL 1 POWER PLAN - BLDG. 210

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 210 BASEMENT & LEVEL 1 POWER PLAN - BLDG. 210	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 210
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 210-EP-011

VA FORM 08 - 6231

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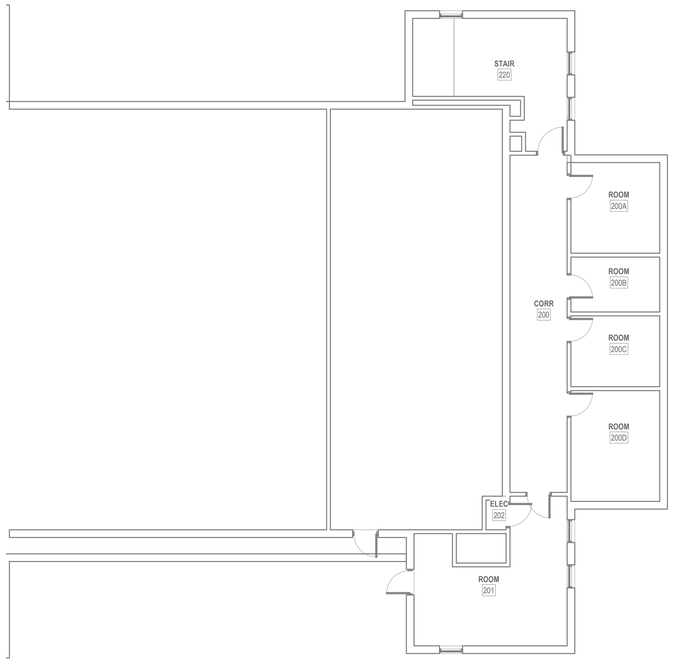
REISSUED 02-18-2026

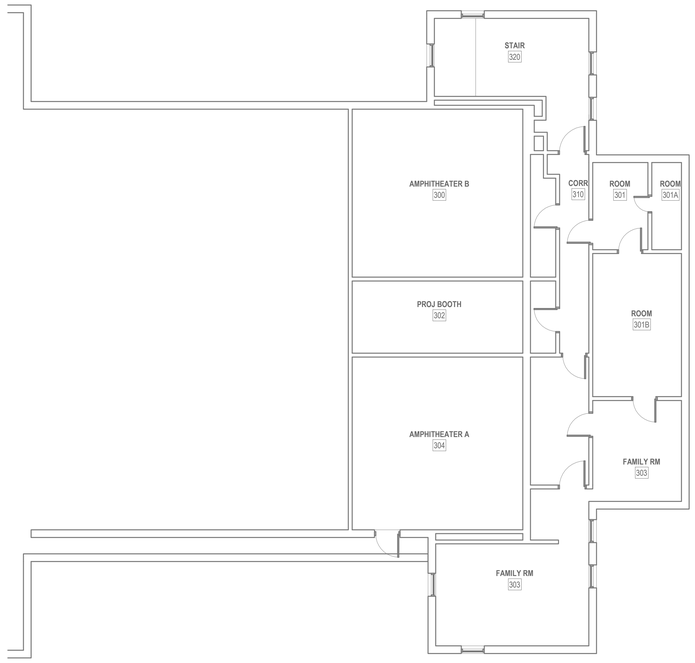
GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES



1 LEVEL 2 POWER PLAN - BLDG. 210
1/8" = 1'-0"



2 LEVEL 3 POWER PLAN - BLDG. 210
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 210 LEVEL 2 & LEVEL 3 POWER PLAN - BLDG. 210	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 210
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 210-EP-021
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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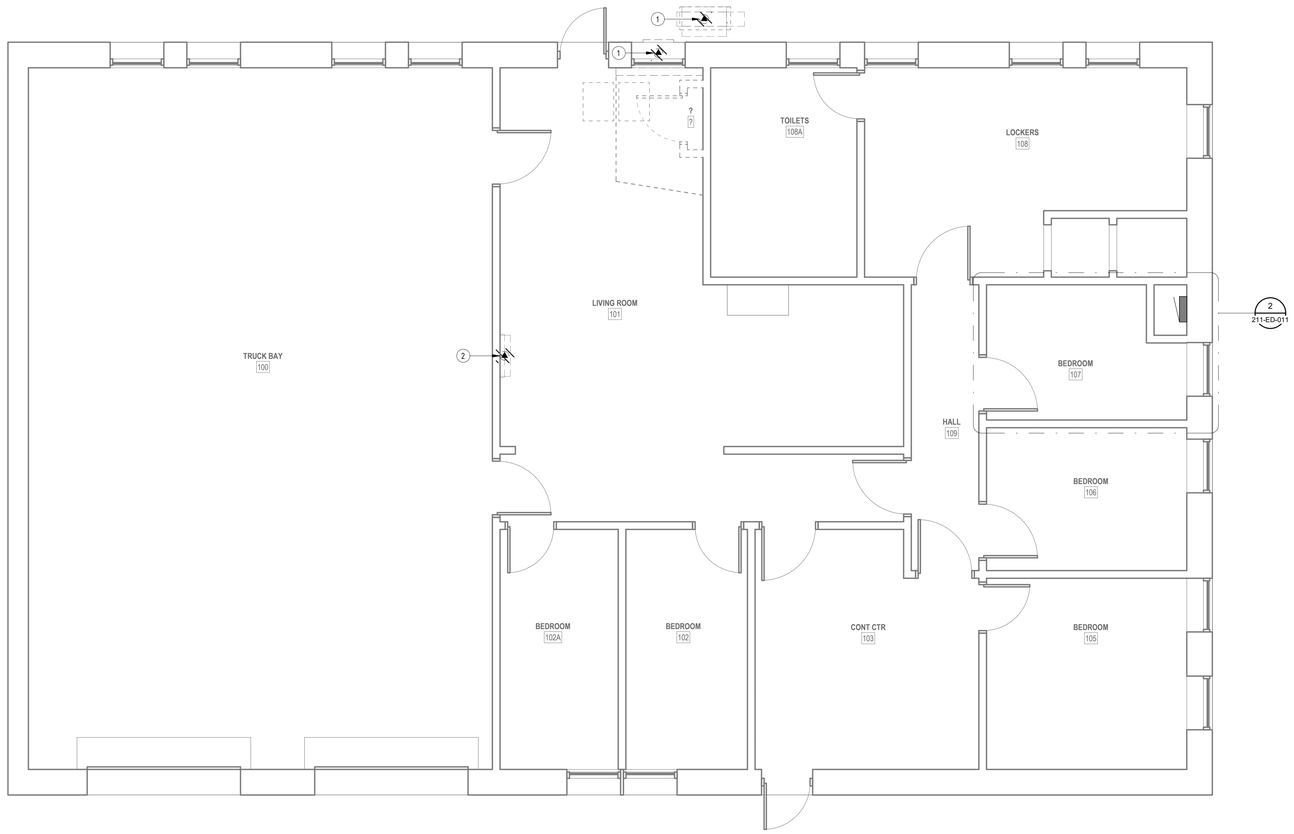
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

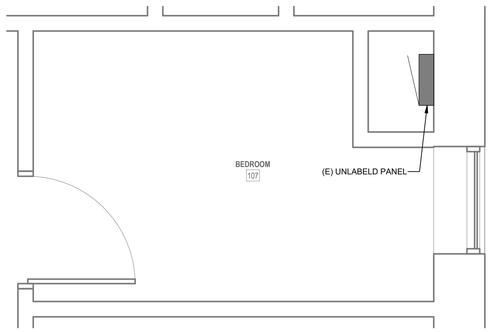
1 EXISTING MECHANICAL EQUIPMENT TO BE REMOVED BY MECHANICAL. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING MINISPLIT TO BE REMOVED BY MECHANICAL. CONTRACTOR TO REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.



1 LEVEL 1 DEMOLITION PLAN - BLDG. 211

1/4" = 1'-0"



2 ENLARGED DEMOLITION PLAN - TR RM 107

1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 211 LEVEL 1 DEMOLITION PLAN - BLDG. 211	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 211
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 211-ED-011

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VA FORM 08 - 6231

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
211-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
211-OU-1	208/1	-	-	-	25.00	30	3/4"	2#10	-	#10	30	30	1
ERV SCHEDULE													
211-ERV-1	208/1	-	-	0.03	4.3	15	3/4"	2#12	-	#12	-	-	

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE UPS. ALIGN JUNCTION BOX TO ENCLOSURE 6"X6" CUTOUT BEHIND RACK. L5-30 RECEPTACLES TO BE MOUNTED IN SINGLE JUNCTION BOX UNLESS OTHERWISE NOTED.

2 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.

3 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

4 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW INDOOR MECHANICAL UNIT.

5 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

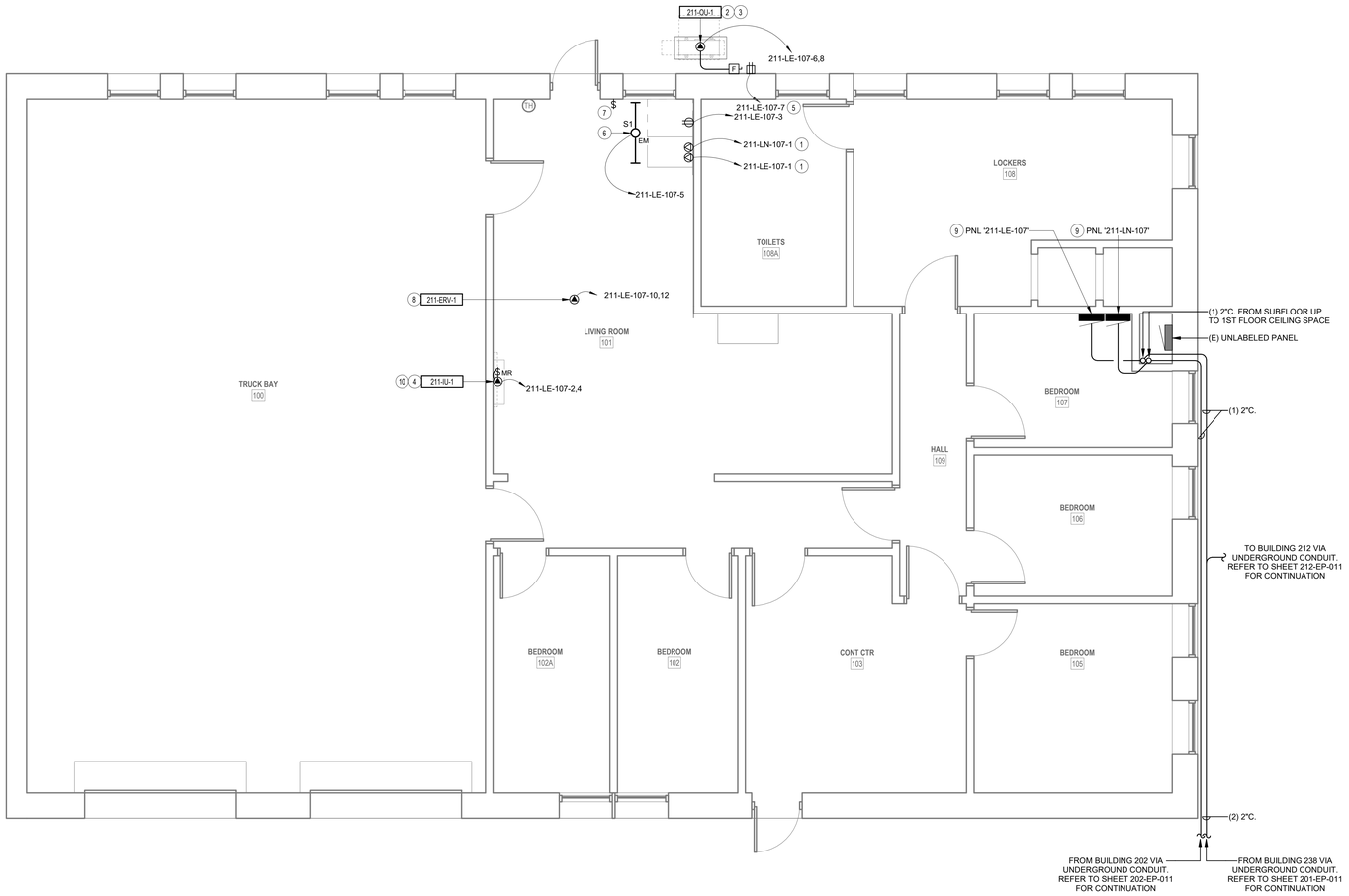
6 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

7 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW ENERGY RECOVERY VENTILATOR.

9 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

10 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.



1 LEVEL 1 POWER PLAN - BLDG. 211
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 211 LEVEL 1 POWER PLAN - BLDG. 211	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 211
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 211-EP-011

VA FORM 08 - 6231

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GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

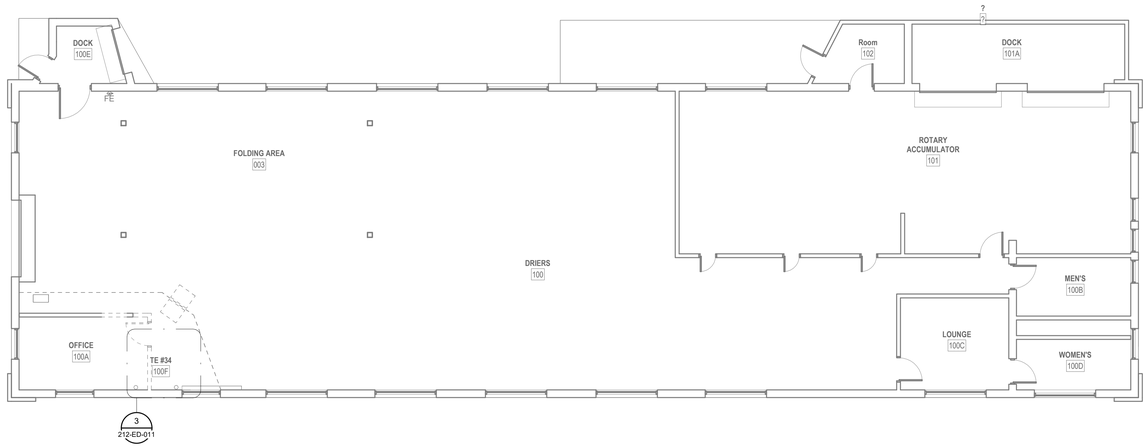
KEY NOTES

1 EXISTING LIGHT FIXTURE TO BE RELOCATED. REFER TO ASSOCIATED 'EP' SHEET FOR NEW LOCATION.

2 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

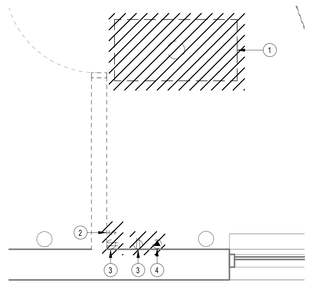
3 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

4 EXISTING MECHANICAL EQUIPMENT TO BE REMOVED BY MECHANICAL. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



2 LEVEL 1 DEMOLITION PLAN - BLDG. 212

1/8" = 1'-0"



3 ENLARGED DEMOLITION PLAN - TE RM 100F

1/2" = 1'-0"

1 BASEMENT DEMOLITION PLAN - BLDG. 212

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 212 BASEMENT & LEVEL 1 DEMOLITION PLAN - BLDG. 212	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 212
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 212-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
212-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
212-OU-1	208/1	-	-	-	16.00	27	3/4"	2#10	-	#10	30	30	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE UPS. ALIGN JUNCTION BOX TO ENCLOSURE 6"X6" CUTOUT BEHIND RACK. L5-30 RECEPTACLES TO BE MOUNTED IN SINGLE JUNCTION BOX UNLESS OTHERWISE NOTED.

2 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.

3 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

4 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

5 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

6 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

9 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

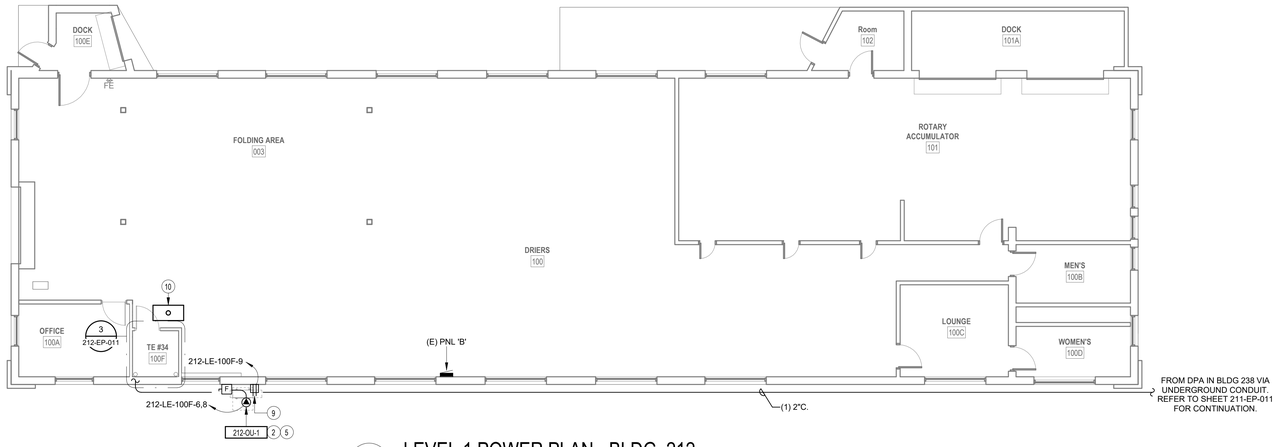
10 NEW LOCATION OF RELOCATED LIGHT FIXTURE. REROUTE EXISTING CONDUIT AND CONDUCTORS AS REQUIRED FOR COMPLETE OPERATION.

11 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

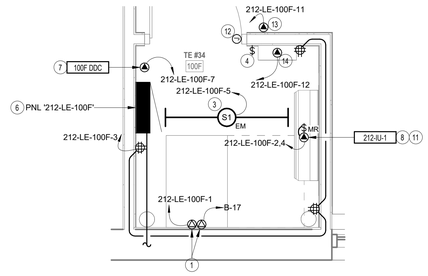
12 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

13 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

14 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



1 LEVEL 1 POWER PLAN - BLDG. 212
1/8" = 1'-0"



3 ENLARGED POWER PLAN - TE RM 100F
1/2" = 1'-0"

2 BASEMENT POWER PLAN - BLDG. 212
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 212 BASEMENT & LEVEL 1 POWER PLAN - BLDG. 212	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 212
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 212-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-212_Electrical_r22.rvt
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GENERAL DEMOLITION NOTES

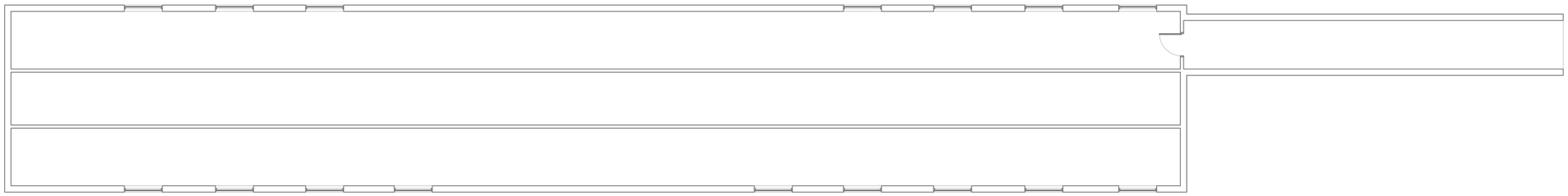
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

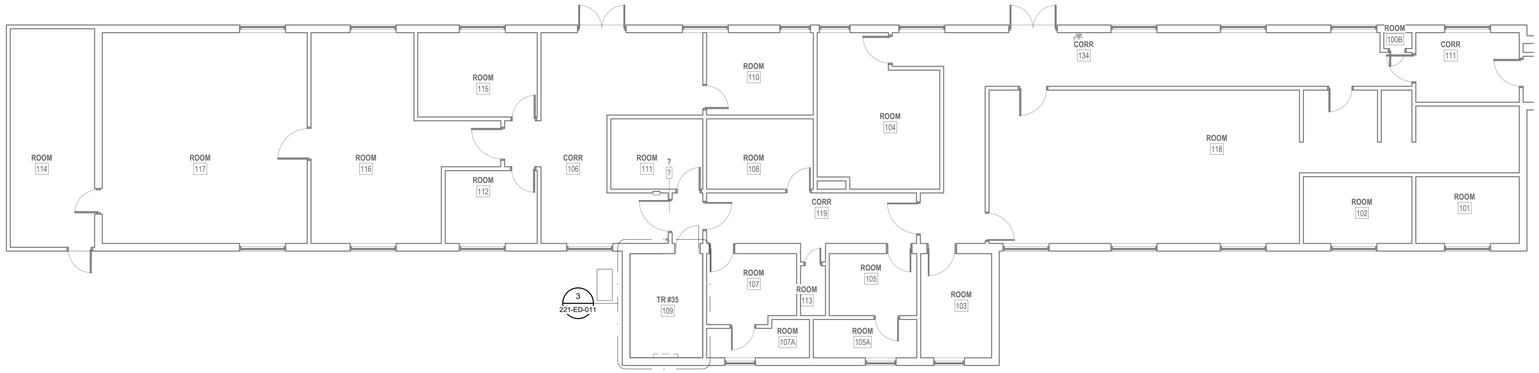
1 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

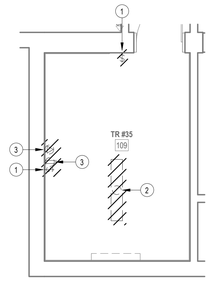
3 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



2 ATTIC DEMOLITION PLAN - BLDG. 221
1/8" = 1'-0"



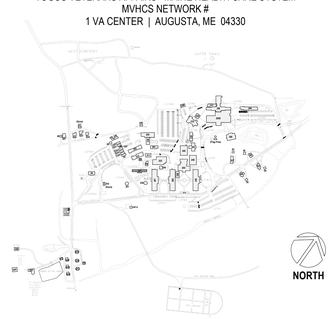
1 LEVEL 1 DEMOLITION PLAN - BLDG. 221
1/8" = 1'-0"



3 ENLARGED DEMOLITION PLAN - TR RM 109
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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EDWARD J. GEFFERT
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 221 LEVEL 1 & ATTIC DEMOLITION PLAN - BLDG. 221	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 221
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 221-ED-011

VA FORM 08 - 6231

REISSUED 02-18-2026

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
221-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
221-OU-1	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

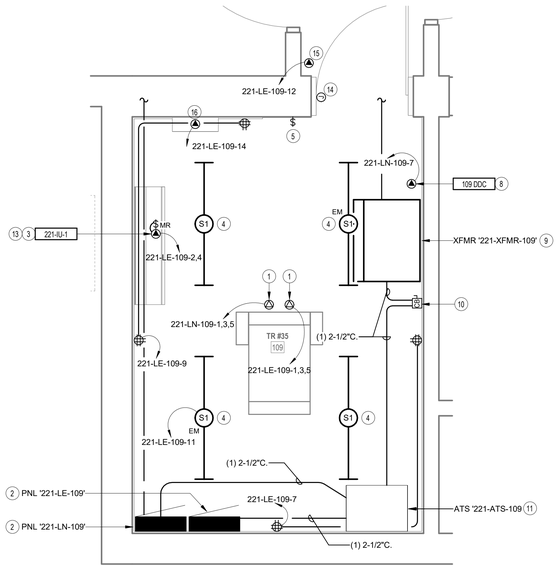
NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

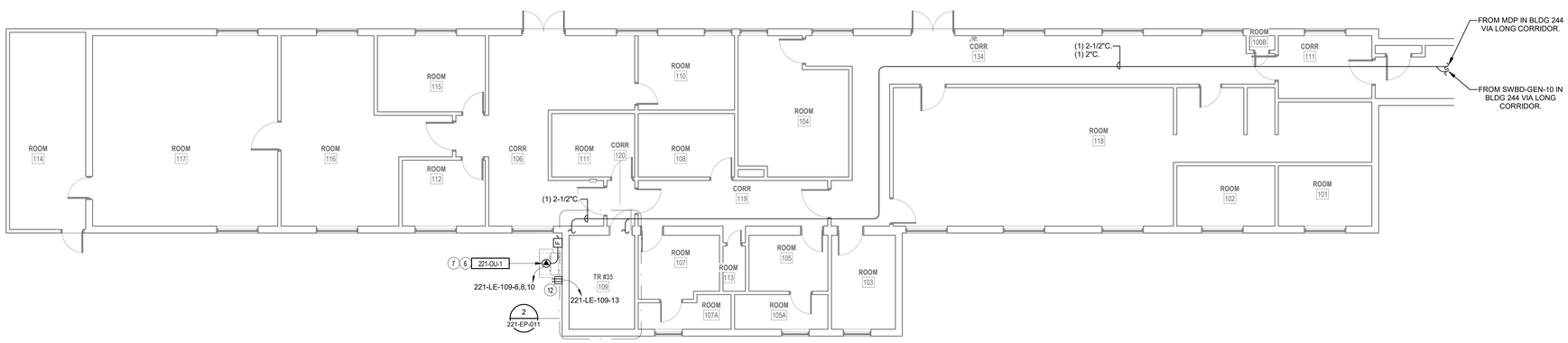
KEY NOTES

1. CONTRACTOR TO PROVIDE NEW L21-20R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2. CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4. CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
5. CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
6. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.
7. CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
8. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
9. CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
10. CONTRACTOR TO PROVIDE NEW 250A ADJUSTABLE TRIP ENCLOSED CIRCUIT BREAKER AND ENCLOSURE TO BE MOUNTED ON WALL. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
11. CONTRACTOR TO PROVIDE NEW 208V, 225A AUTOMATIC TRANSFER SWITCH. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
12. CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.
13. CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
14. CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
15. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
16. CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



2 ENLARGED POWER PLAN - TR RM 109

1/2" = 1'-0"

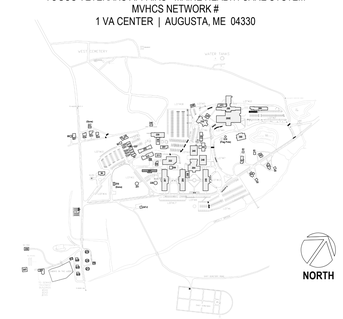


1 LEVEL 1 POWER PLAN - BLDG. 221

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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EDWARD J. MEYER, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 221 LEVEL 1 & ATTIC POWER PLAN - BLDG. 221	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 221
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 221-EP-011

VA FORM 08 - 6231

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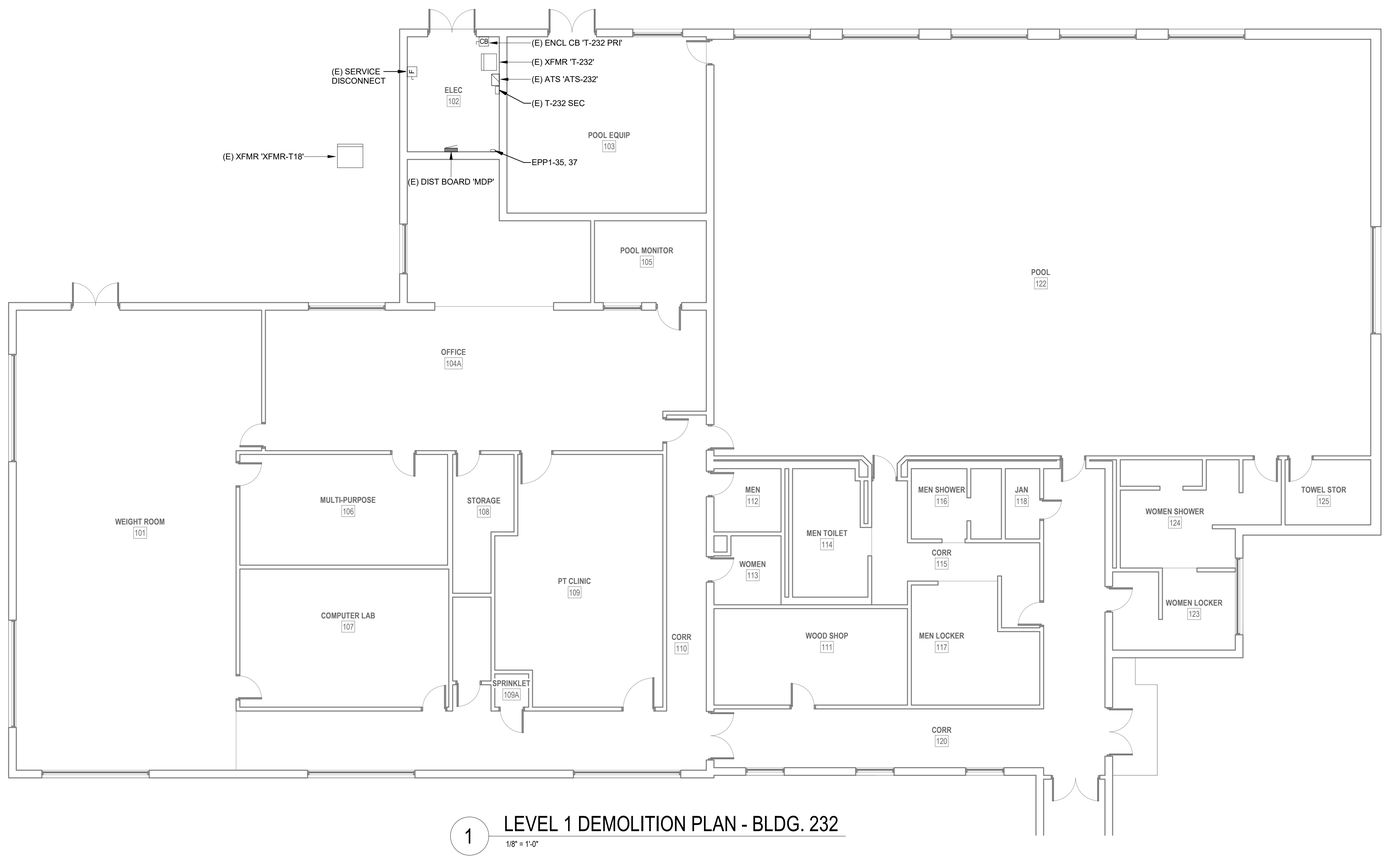
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES



1 LEVEL 1 DEMOLITION PLAN - BLDG. 232
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PH: 541-436-4723
GDM ARCHITECTS • ENGINEERS

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PAUL EDWARD MERRILL
STATE OF WASHINGTON
22010
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 232 LEVEL 1 DEMOLITION PLAN - BLDG. 232	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 232
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 232-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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GENERAL DEMOLITION NOTES

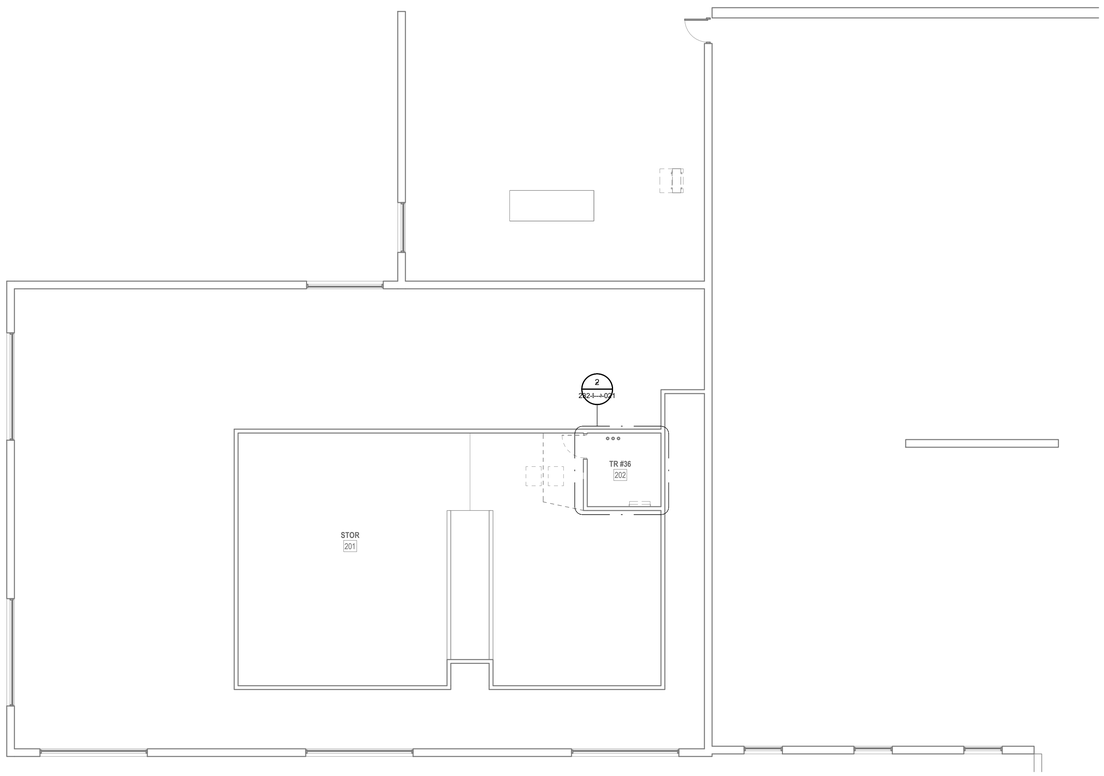
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

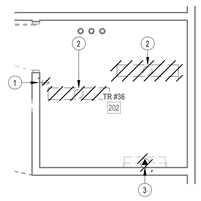
1 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

3 EXISTING MINISPLIT TO BE REMOVED BY MECHANICAL. CONTRACTOR TO REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.



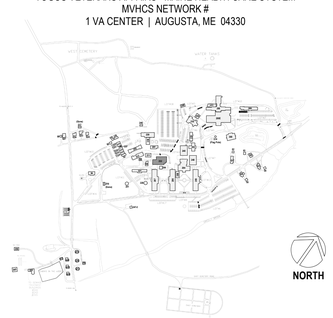
1 LEVEL 2 DEMOLITION PLAN - BLDG. 232
1/8" = 1'-0"



2 ENLARGED DEMOLITION PLAN - TR RM 202
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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PH: 541-436-4723

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 232 LEVEL 2 DEMOLITION PLAN - BLDG. 232	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 232
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 232-ED-021
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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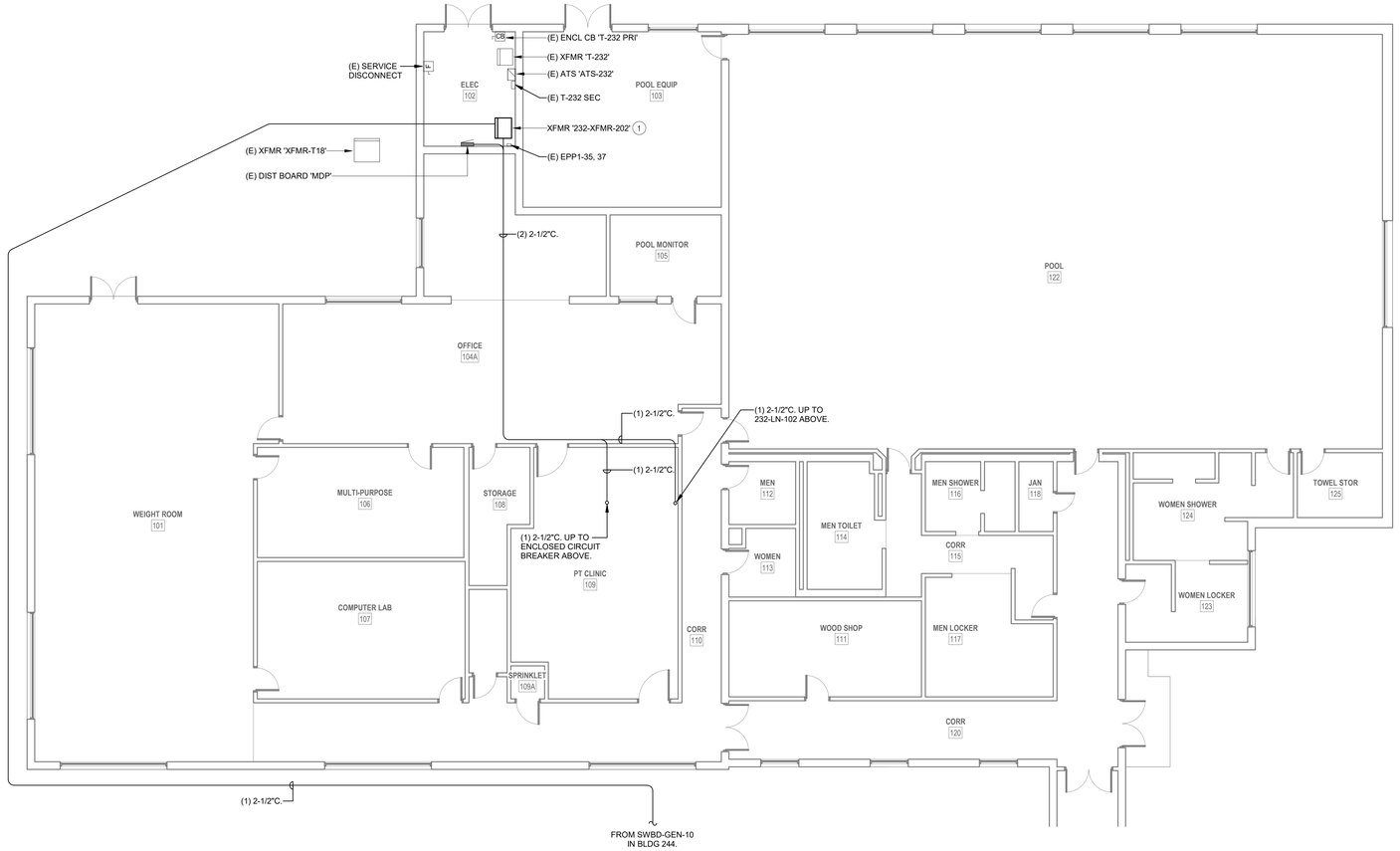
GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

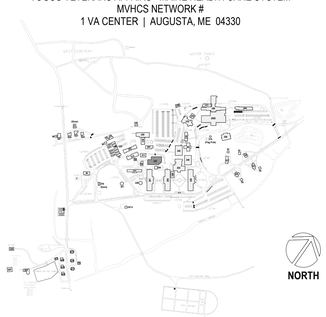


1 LEVEL 1 POWER PLAN - BLDG. 232

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT

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129 NORTH 29th STREET, SUITE 100
BILLINGS, MT 59101
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<To Be Determined>, AIA

ARCHITECT/ENGINEER OF RECORD

A/E:
GDM-AE INC
1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 232 LEVEL 1 POWER PLAN - BLDG. 232	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 232
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 232-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-232_Electrical_r22.rvt 11/7/2025 3:19:59 PM

REISSUED 02-18-2026

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
232-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
232-OU-1	208/1	-	-	-	22.00	35	3/4"	2#6	-	#10	60	40	1

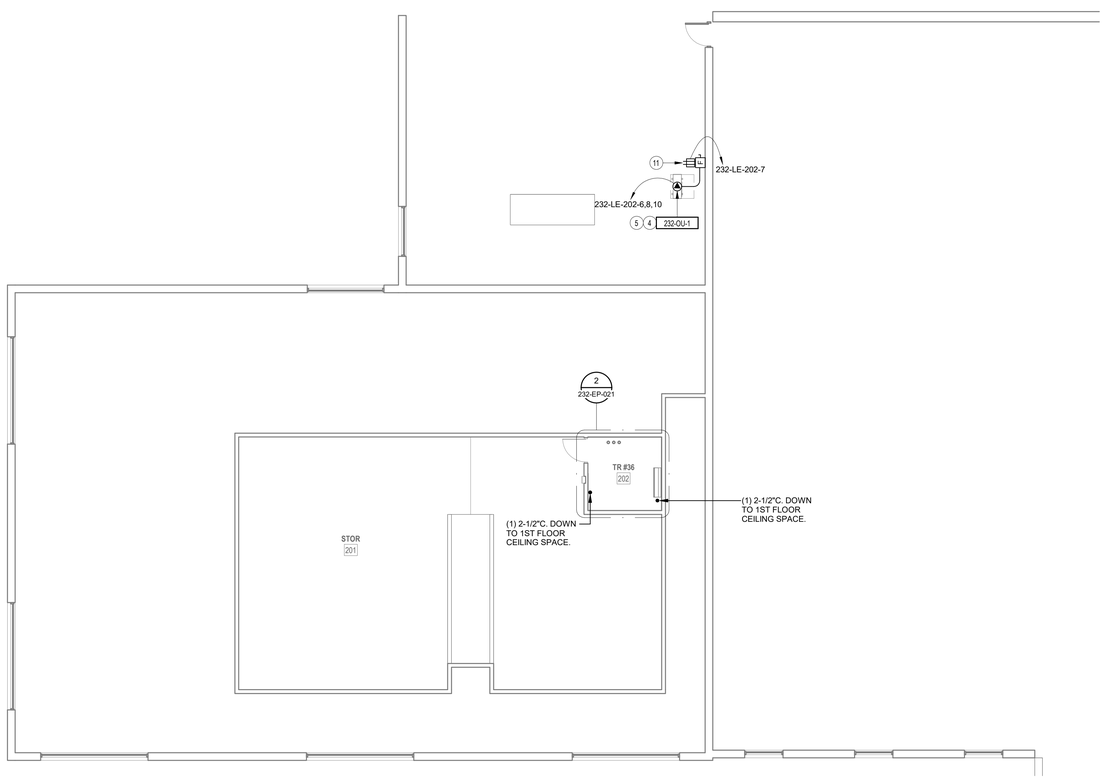
NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

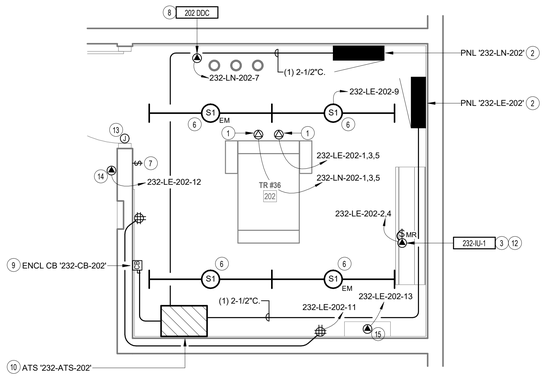
1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-20R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.
2 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.
3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
4 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.
5 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
6 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
7 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.
8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.
9 CONTRACTOR TO PROVIDE NEW 250A/3P ADJUSTABLE TRIP ENCLOSED CIRCUIT BREAKER AND ENCLOSURE TO BE MOUNTED ON WALL. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
10 CONTRACTOR TO PROVIDE NEW 208V, 225A AUTOMATIC TRANSFER SWITCH. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
11 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.
12 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.
13 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
14 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
15 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



1 LEVEL 2 POWER PLAN - BLDG. 232
1/8" = 1'-0"



2 ENLARGED POWER PLAN - TR RM 202
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT
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PH: 406.248.2633
<To Be Determined>, AIA

ARCHITECT/ENGINEER OF RECORD
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PH: 541-436-4723

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EDWARD J. GIRARD, STATE OF WASHINGTON, 48759, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 232 LEVEL 2 POWER PLAN - BLDG. 232	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 232
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 232-EP-021
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	PHASE	N	G	DISCONNECT SIZE	FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
239-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
239-OU-1	208/1	-	-	-	16.00	27	3/4"	2#10	-	#10	30	30	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW 208V, 100A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

2 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

4 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE UPS. ALIGN JUNCTION BOX TO ENCLOSURE 6"X6" CUTOUT BEHIND RACK. L5-30 RECEPTACLES TO BE MOUNTED IN SINGLE JUNCTION BOX UNLESS OTHERWISE NOTED.

5 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

6 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

7 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

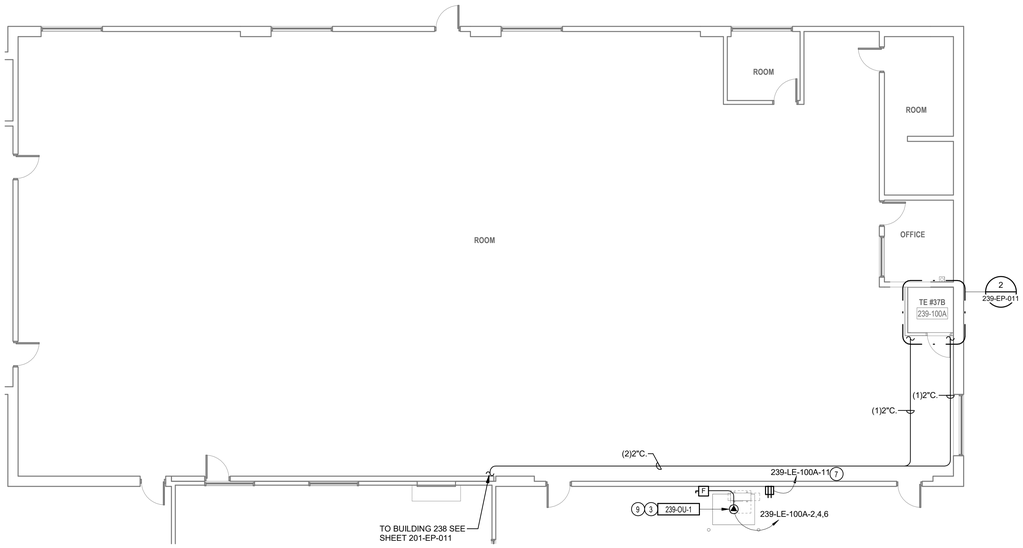
9 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

10 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

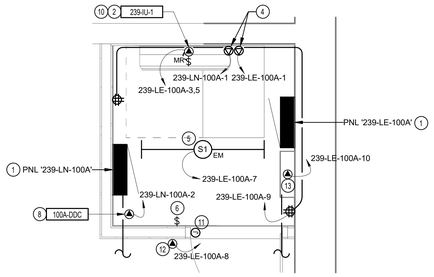
11 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

12 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

13 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



1 LEVEL 1 POWER PLAN - BLDG. 239
1/8" = 1'-0"



2 ENLARGED POWER PLAN - TE RM 100A
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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ARCHITECT/ENGINEER OF RECORD
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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 239 LEVEL 1 POWER PLAN - BLDG. 239	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 239
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 239-EP-011

VA FORM 08 - 6231

REISSUED 02-18-2026

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GENERAL DEMOLITION NOTES

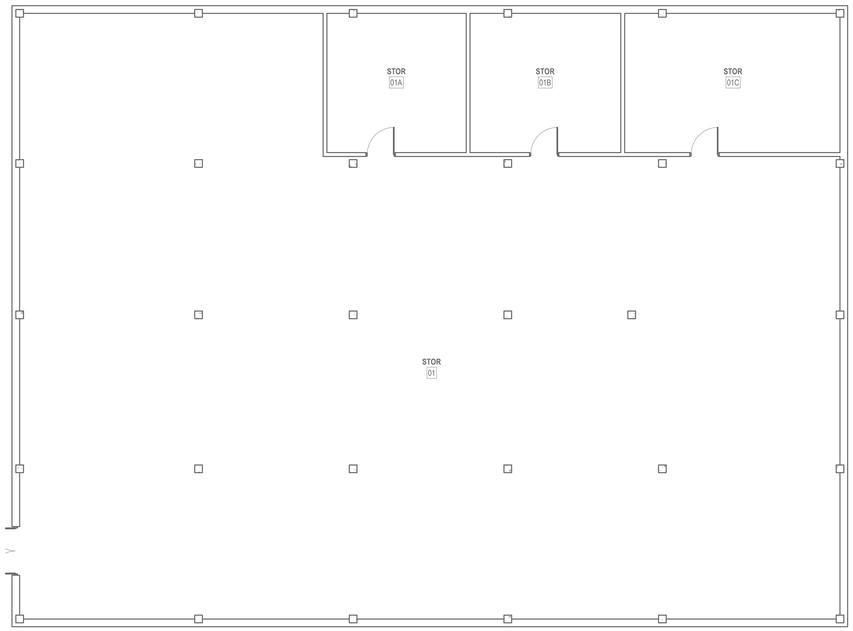
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE OR SECURE; PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

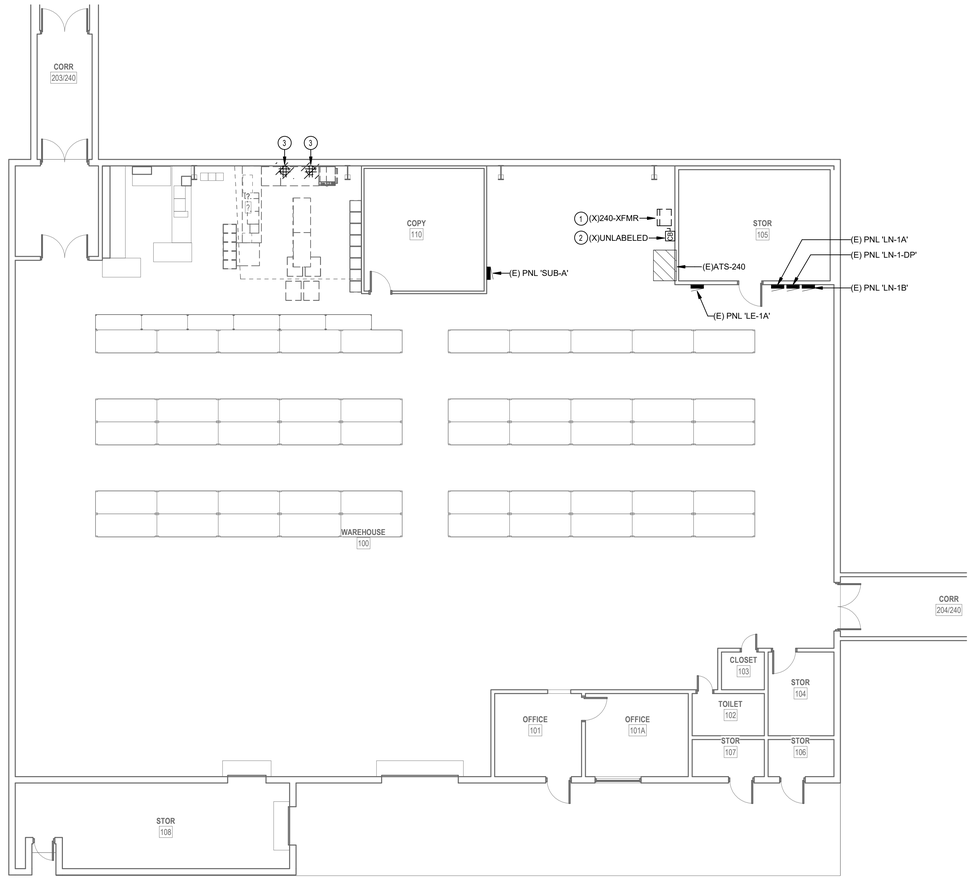
1 EXISTING TRANSFORMER TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REPLACE EXISTING PROTECTIVE DEVICE SUPPLYING TRANSFORMER FROM THE PRIMARY-SIDE WTH NEW 50A/3P BREAKER IN SAME SPACE. MATCH EXISTING TYPE AND MANUFACTURER.

2 EXISTING ENCLOSED CIRCUIT BREAKER TO BE REMOVED. REMOVE EXISTING CONDUIT AD CONDUCTORS FROM SUPPLY-SIDE BACK TO SOURCE. CONDUIT AND CONDUCTORS ON SECONDARY-SIDE TO REMAIN.

3 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



1 BASEMENT DEMOLITION PLAN - BLDG. 240
1/8" = 1'-0"



2 LEVEL 1 DEMOLITION PLAN - BLDG. 240
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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STATE OF WASHINGTON
40759
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 240 BASEMENT & LEVEL 1 DEMOLITION PLAN - BLDG.240	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 240
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 240-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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REISSUED 02-18-2026

LUMINAIRE SCHEDULE

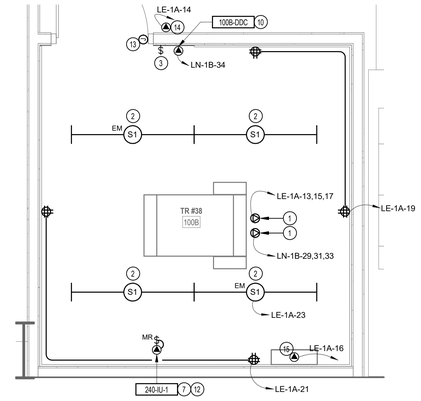
TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

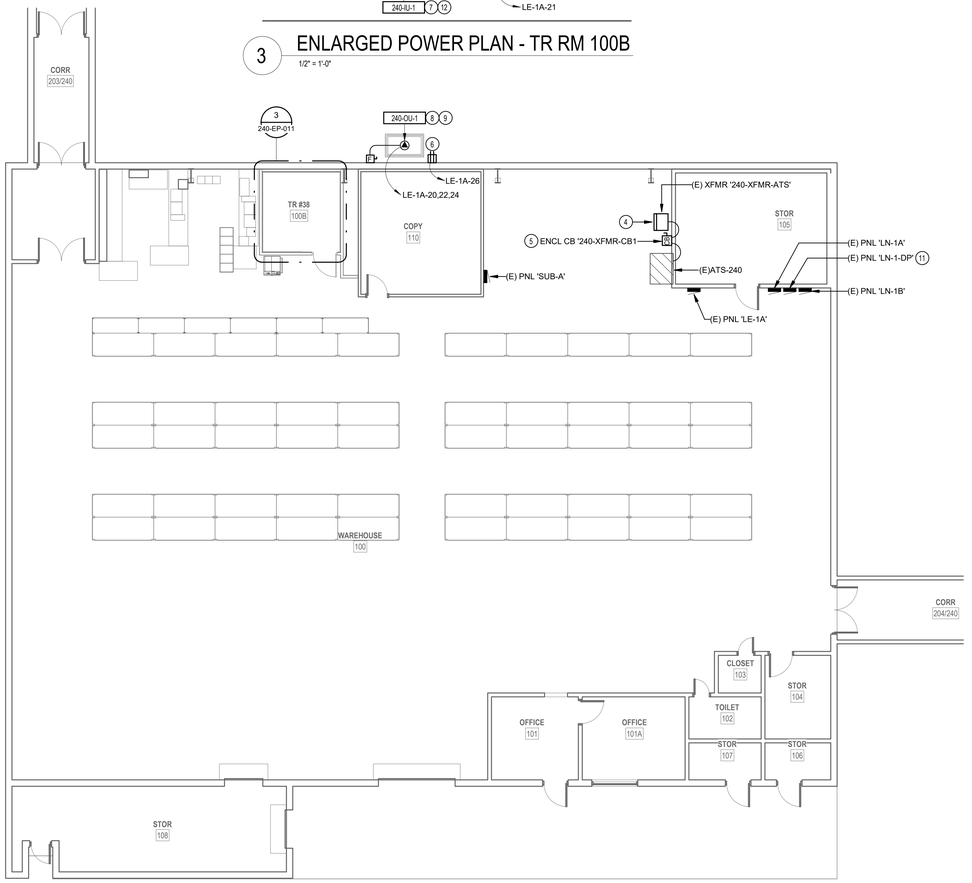
ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
240-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
240-OU-1	208/1	-	-	-	22.00	37	3/4"	2#6	-	#10	60	40	1

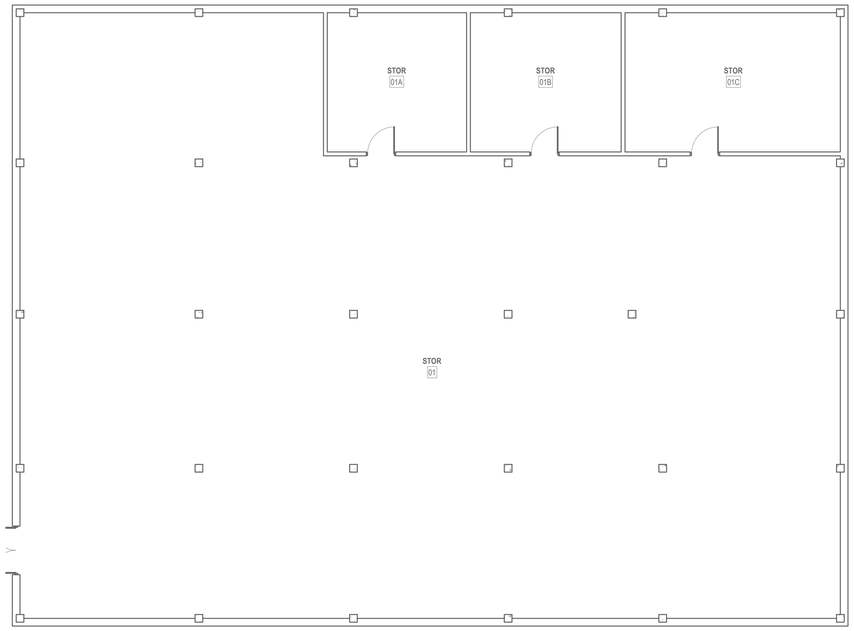
NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.



3 ENLARGED POWER PLAN - TR RM 100B
1/2" = 1'-0"



1 LEVEL 1 POWER PLAN - BLDG. 240
1/8" = 1'-0"



2 BASEMENT POWER PLAN - BLDG. 240
1/8" = 1'-0"

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L21-20R RECEPTACLE FOR NEW RACK POWER. RECEPTACLE TO BE MOUNTED DIRECTLY ON CABLE TRAY.

2 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

3 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

4 CONTRACTOR TO PROVIDE NEW 30KVA TRANSFORMER. PROVIDE NEW CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION ON SECONDARY-SIDE OF TRANSFORMER. UPSIZE NEW PRIMARY-SIDE PROTECTIVE DEVICE AS REQUIRED TO FACILITATE TRANSFORMER UPSIZE. PROVIDE NEW 1"C, 3#4, 1#10 GROUND FROM PRIMARY PROTECTIVE DEVICE TO PRIMARY-SIDE OF TRANSFORMER.

5 CONTRACTOR TO PROVIDE NEW 100A/3P ENCLOSED CIRCUIT BREAKER AND ENCLOSURE TO BE MOUNTED ON WALL IN SAME LOCATION. PROVIDE NEW CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

6 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.

9 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

10 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

11 CONTRACTOR TO REPLACE EXISTING 50A BREAKER FEEDING EXISTING ATS WITH NEW 100A/3P IN SAME SPACE.

12 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

13 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

14 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

15 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT
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<To Be Determined>, AIA

ARCHITECT/ENGINEER OF RECORD
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1304 NE 134TH STREET, SUITE A
VANCOUVER, WA 98685
PH: 541-436-4723

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 240 BASEMENT & LEVEL 1 POWER PLAN - BLDG.240	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 240
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 240-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER	DRAWN BY: AJW

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-203_Electrical_r22.rvt
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GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

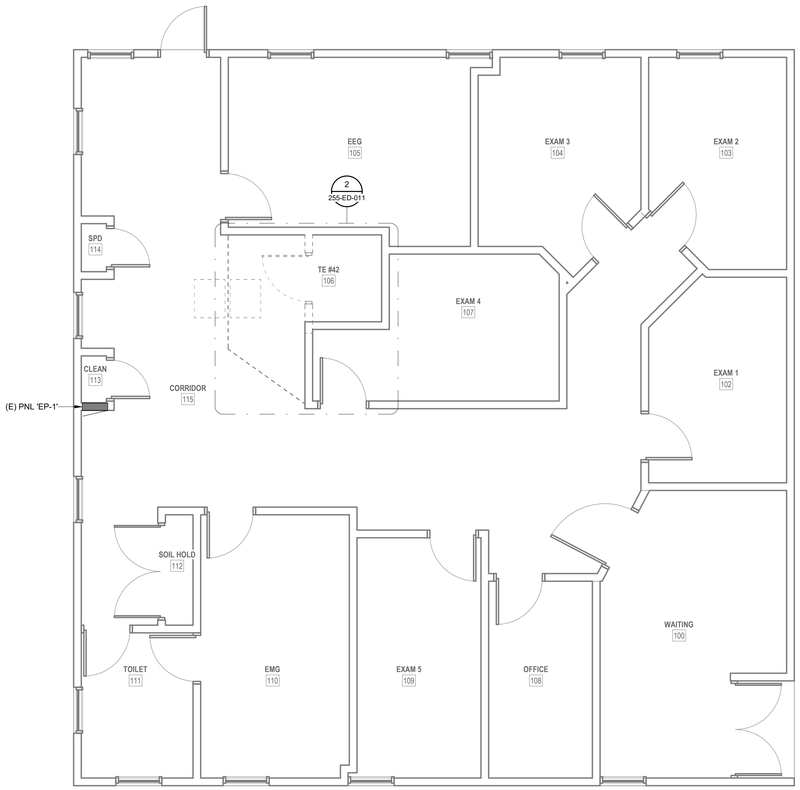
KEY NOTES

1 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

2 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

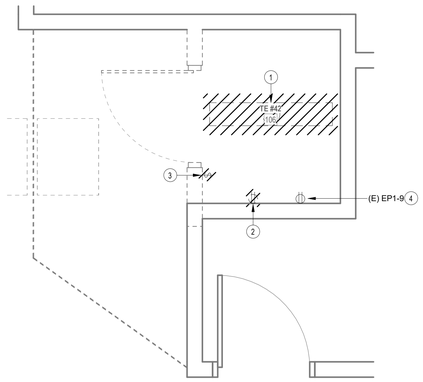
3 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

4 EXISTING ELECTRICAL RECEPTACLE TO REMAIN.



1 LEVEL 1 DEMOLITION PLAN - BLDG. 255

1/4" = 1'-0"



2 ENLARGED DEMOLITION PLAN - TE RM 106

1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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GDM ARCHITECTS • ENGINEERS

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 255 LEVEL 1 DEMOLITION PLAN - BLDG. 255	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 255
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 255-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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REISSUED 02-18-2026

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT				DISCONNECT		NOTES
							RACEWAY	PHASE	N	G	SIZE	FUSE	
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
255-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
255-OU-1	208/1	-	-	-	16.00	25	3/4"	2#10	-	#10	30	30	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE UPS. ALIGN JUNCTION BOX TO ENCLOSURE 6"X6" CUTOUT BEHIND RACK. L5-30 RECEPTACLES TO BE MOUNTED IN SINGLE JUNCTION BOX UNLESS OTHERWISE NOTED.

2 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL FOR NEW TR EQUIPMENT.

3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.

7 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

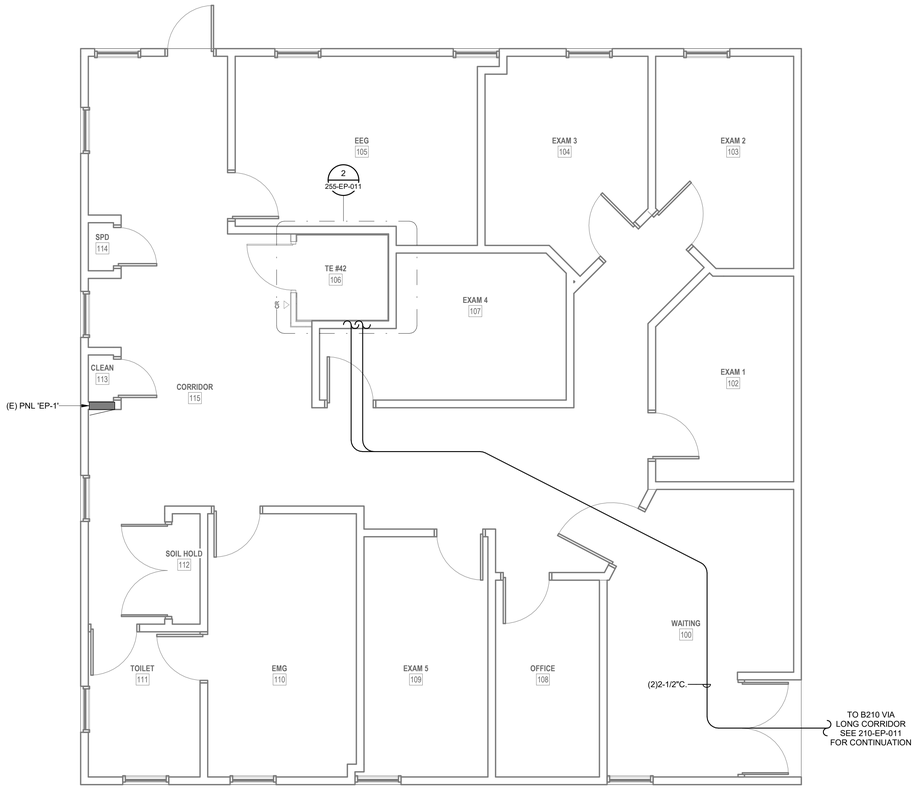
9 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

10 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

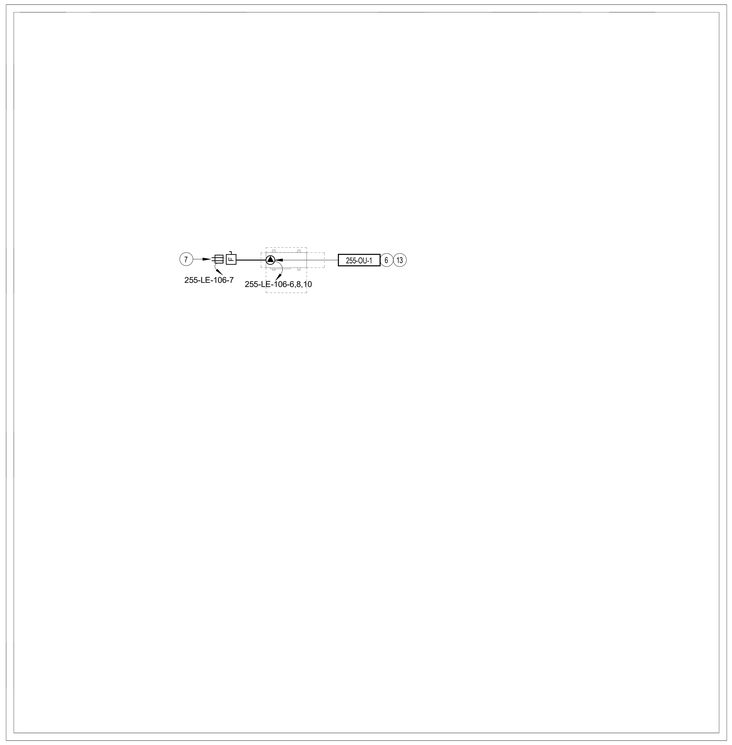
11 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

12 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.

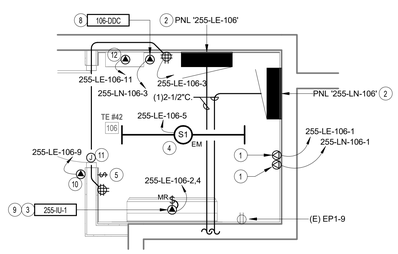
13 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.



1 LEVEL 1 POWER PLAN - BLDG. 255
1/4" = 1'-0"



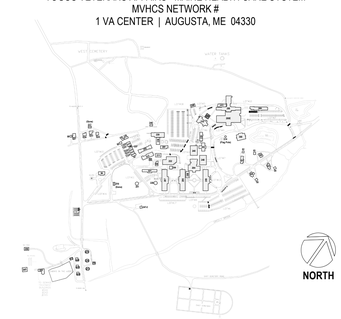
3 ROOF POWER PLAN - BLDG. 255
1/4" = 1'-0"



2 ENLARGED POWER PLAN - TE RM 106
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

STAMP

EDWARD J. GIRARD, STATE OF WASHINGTON, 18739, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 255 LEVEL 1 POWER PLAN - BLDG. 255	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 255
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 255-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
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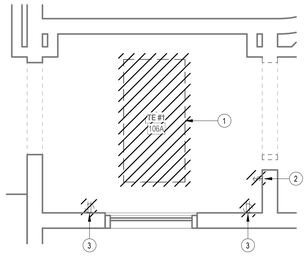
KEY NOTES

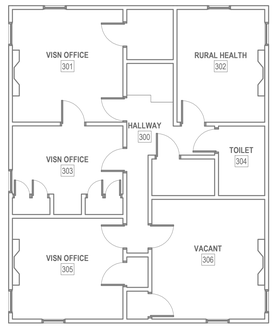
1 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

2 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

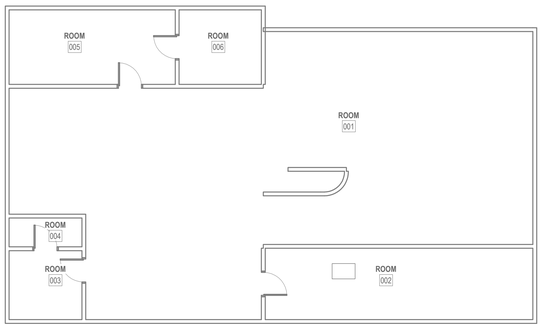
3 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



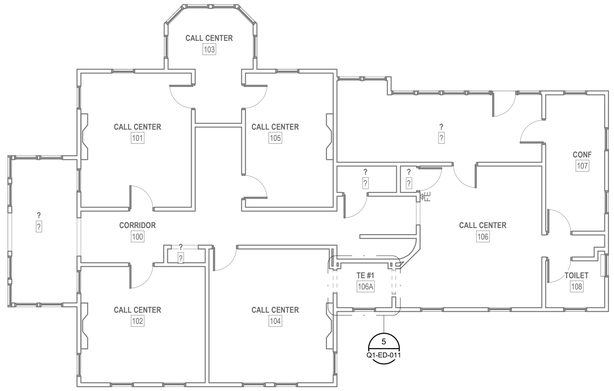
5 ENLARGED DEMOLITION PLAN - TE RM 106A
1/2" = 1'-0"



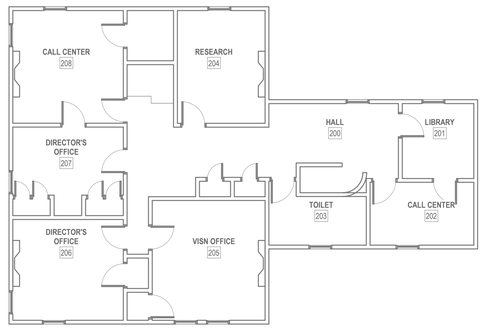
4 LEVEL 3 DEMOLITION PLAN - BLDG. Q1
1/8" = 1'-0"



1 BASEMENT DEMOLITION PLAN - BLDG. Q1
1/8" = 1'-0"



2 LEVEL 1 DEMOLITION PLAN - BLDG. Q1
1/8" = 1'-0"



3 LEVEL 2 DEMOLITION PLAN - BLDG. Q1
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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PH: 541-436-4723

GDM ARCHITECTS • ENGINEERS

STAMP

EDWARD DEAN STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING Q1 BASEMENT & LEVEL 1,2,3 DEMOLITION PLAN - BLDG. Q1	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: Q1
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: Q1-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
Q1-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
Q1-OU-1	208/1	-	-	-	16.00	27	3/4"	2#10	-	#10	30	30	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
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5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE UPS. ALIGN JUNCTION BOX TO ENCLOSURE 6"X6" CUTOUT BEHIND RACK. L5-30 RECEPTACLES TO BE MOUNTED IN SINGLE JUNCTION BOX UNLESS OTHERWISE NOTED.

2 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.

7 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

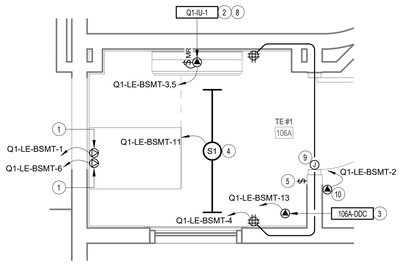
8 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

9 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

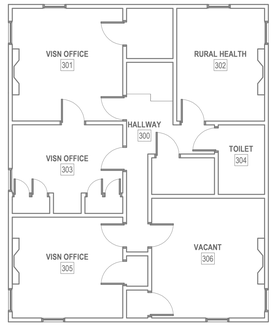
10 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

11 CONTRACTOR TO PROVIDE NEW 240V, 600A, SINGLE-PHASE DISTRIBUTION PANEL TO FEED QUARTERS BUILDINGS.

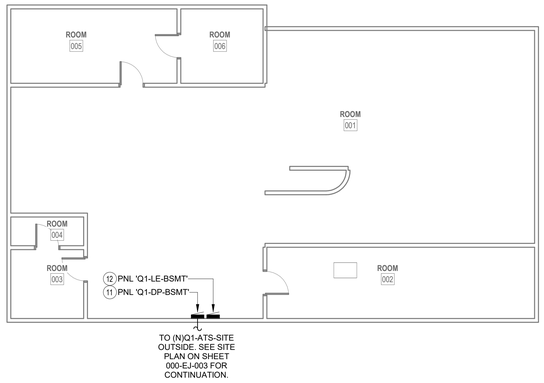
12 CONTRACTOR TO PROVIDE NEW 240V, 100A, SINGLE-PHASE PANEL FOR NEW TR EQUIPMENT.



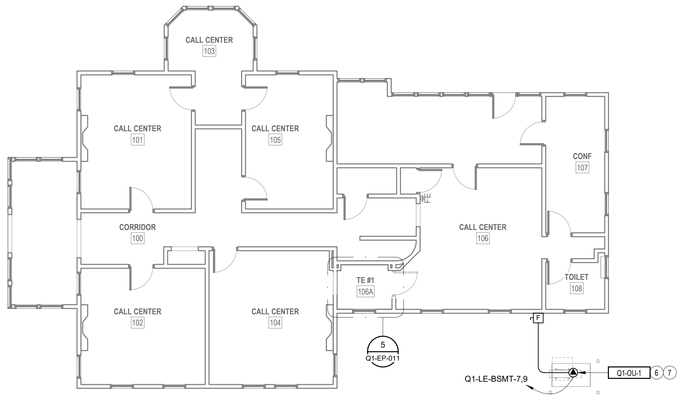
5 ENLARGED POWER PLAN - TE RM 106A
1/2" = 1'-0"



4 LEVEL 3 POWER PLAN - BLDG. Q1
1/8" = 1'-0"



1 BASEMENT POWER PLAN - BLDG. Q1
1/8" = 1'-0"



2 LEVEL 1 POWER PLAN - BLDG. Q1
1/8" = 1'-0"

3 LEVEL 2 POWER PLAN - BLDG. Q1
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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20107559
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING Q1 BASEMENT & LEVEL 1,2,3 POWER PLAN - BLDG. Q1	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: Q1
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: Q1-EP-011
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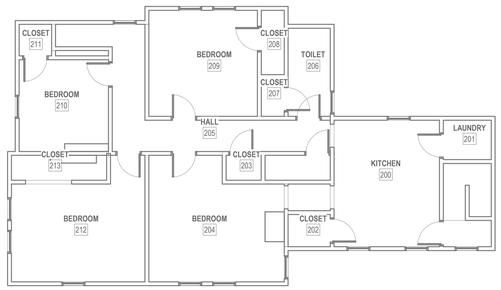
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

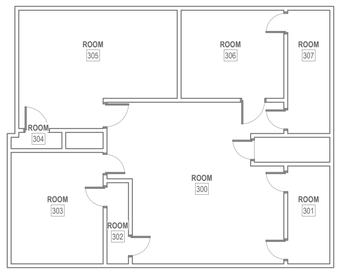
KEY NOTES

1 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

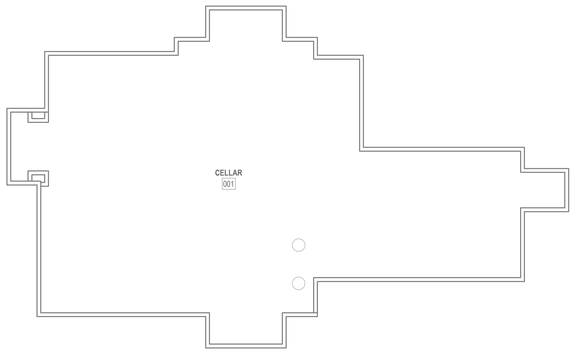
2 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.



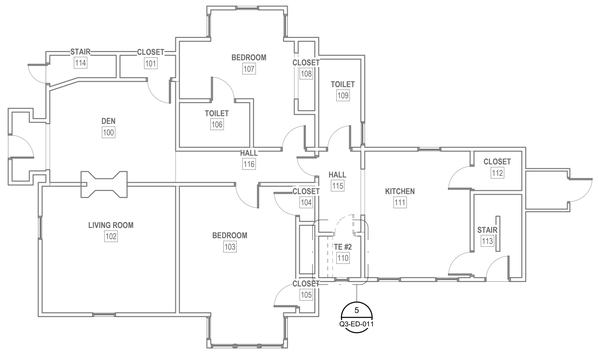
3 LEVEL 2 DEMOLITION PLAN - BLDG. Q3
1/8" = 1'-0"



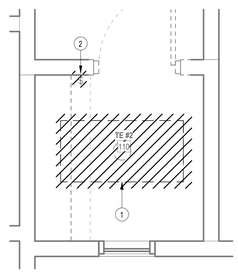
4 LEVEL 3 DEMOLITION PLAN - BLDG. Q3
1/8" = 1'-0"



1 BASEMENT DEMOLITION PLAN - BLDG. Q3
1/8" = 1'-0"



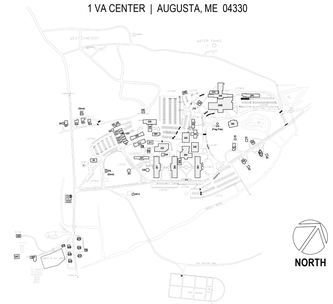
2 LEVEL 1 DEMOLITION PLAN - BLDG. Q3
1/8" = 1'-0"



5 ENLARGED DEMOLITION PLAN - TE RM 110
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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EDWARD J. MAYER
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING Q3 BASEMENT & LEVEL 1, 2, 3 DEMOLITION PLAN - BLDG. Q3	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: Q3
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: Q3-ED-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-Q3_Electrical_r22.rvt
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VA FORM 08 - 6231

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
Q3-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
Q3-OU-1	208/1	-	-	-	16.00	27	3/4"	2#10	-	#10	30	30	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE UPS. ALIGN JUNCTION BOX TO ENCLOSURE 6"X6" CUTOUT BEHIND RACK. L5-30 RECEPTACLES TO BE MOUNTED IN SINGLE JUNCTION BOX UNLESS OTHERWISE NOTED.

2 CONTRACTOR TO PROVIDE NEW 240V, 100A, SINGLE-PHASE PANEL FOR NEW TR EQUIPMENT.

3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

4 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.

5 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

6 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

7 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

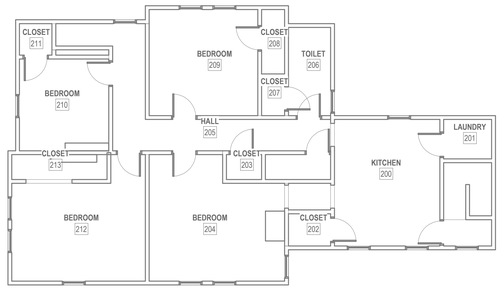
8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

9 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE MOUNTED BELOW DISCONNECT. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

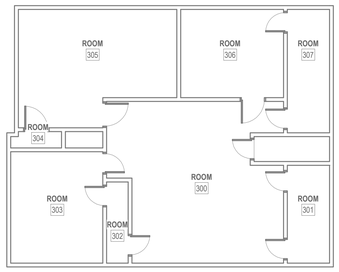
10 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

11 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

12 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.



3 LEVEL 2 POWER PLAN - BLDG. Q3
1/8" = 1'-0"



4 LEVEL 3 POWER PLAN - BLDG. Q3
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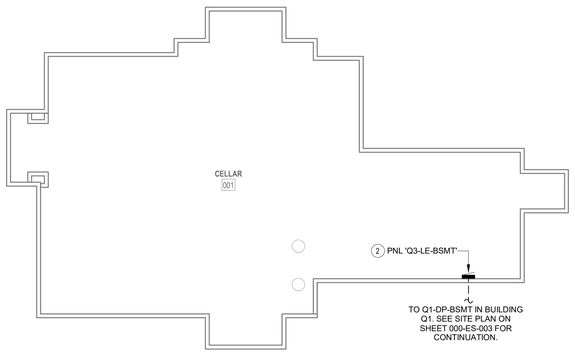
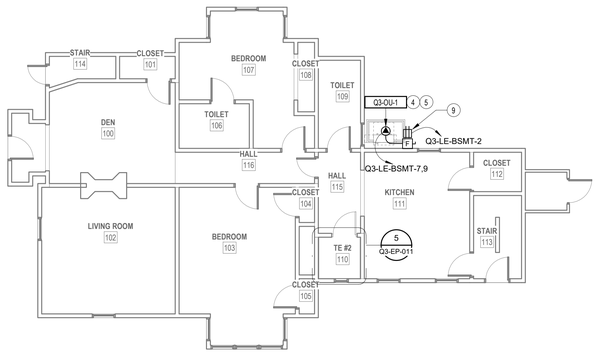
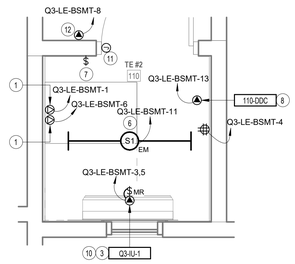


1 BASEMENT POWER PLAN - BLDG. Q3
1/8" = 1'-0"



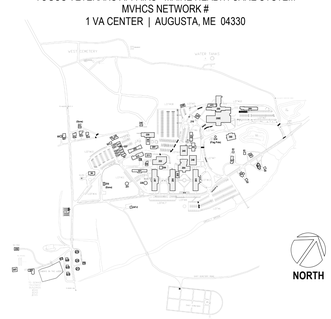
2 LEVEL 1 POWER PLAN - BLDG. Q3
1/8" = 1'-0"



5 ENLARGED POWER PLAN - TE RM 110
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING Q3 BASEMENT & LEVEL 1, 2, 3 POWER PLAN - BLDG. Q3
PHASE: 100% CONSTRUCTION DOCUMENTS
PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER: 402-22-700
BUILDING NUMBER: Q3
APPROVED:
FLS: FULLY SPRINKLERED
LOCATION: TOGUS VA MEDICAL CENTER
ISSUE DATE: NOVEMBER 10, 2025
CHECKED BY: MER
DRAWN BY: AJW
DRAWING NUMBER: Q3-EP-011

VA FORM 08 - 6231

REISSUED 02-18-2026

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GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
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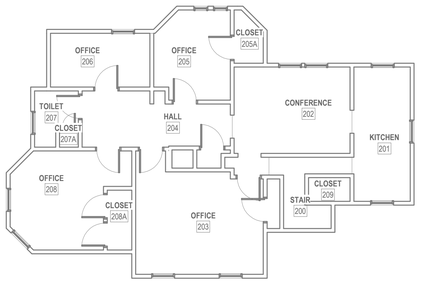
KEY NOTES

1 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

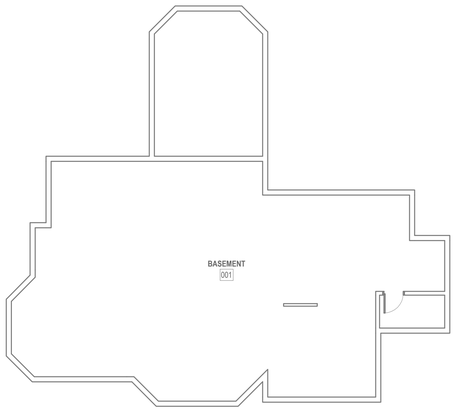
2 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

3 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

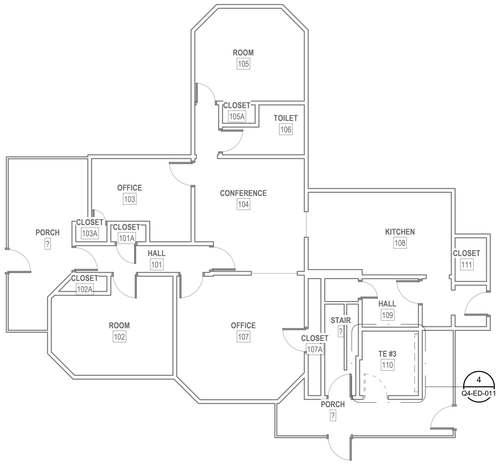
4 EXISTING BASEBOARD HEATER TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.



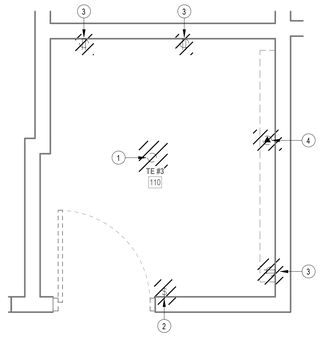
3 LEVEL 2 DEMOLITION PLAN - BLDG. Q4
1/8" = 1'-0"



1 BASEMENT DEMOLITION PLAN - BLDG. Q4
1/8" = 1'-0"



2 LEVEL 1 DEMOLITION PLAN - BLDG. Q4
1/8" = 1'-0"



4 ENLARGED DEMOLITION PLAN - TE RM 110
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING Q4 BASEMENT & LEVEL 1, 2 DEMOLITION PLAN - BLDG. Q4	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: Q4
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: Q4-ED-011

VA FORM 08 - 6231

REISSUED 02-18-2026

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11/10/2025 11:39:57 AM

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
Q4-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
Q4-OU-1	208/1	-	-	-	16.00	27	3/4"	2#10	-	#10	30	30	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
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KEY NOTES

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2 CONTRACTOR TO PROVIDE NEW 240V, 100A, SINGLE-PHASE PANEL FOR NEW TR EQUIPMENT.

3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

4 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.

5 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

6 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

8 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

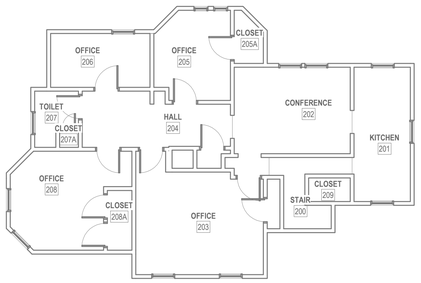
9 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

10 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

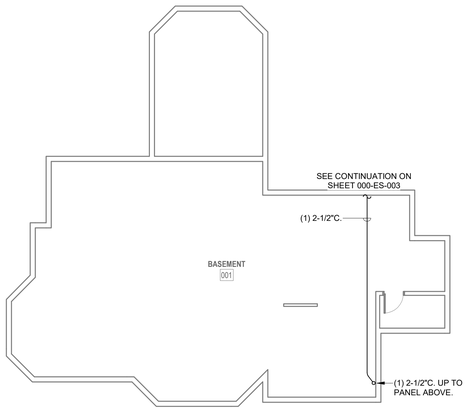
11 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

12 CONTRACTOR TO PROVIDE NEW 208V, 600A DISTRIBUTION BOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

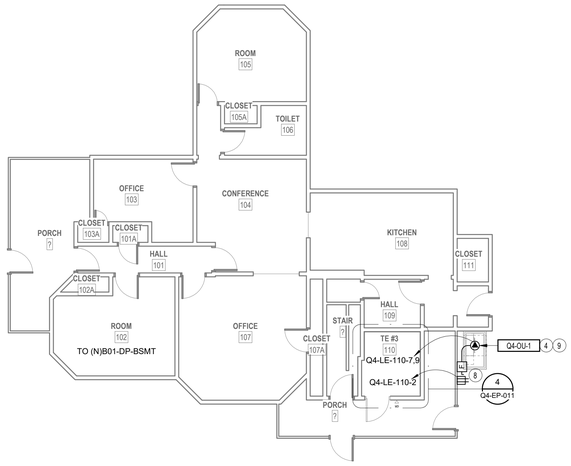
13 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



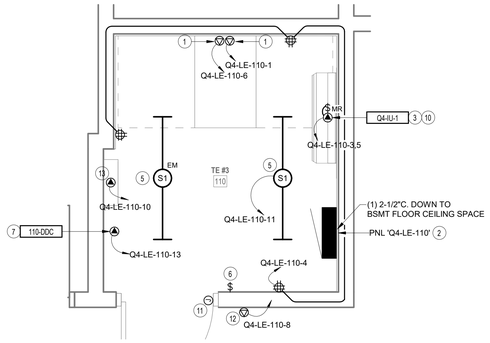
3 LEVEL 2 POWER PLAN - BLDG. Q4
1/8" = 1'-0"



1 BASEMENT POWER PLAN - BLDG. Q4
1/8" = 1'-0"



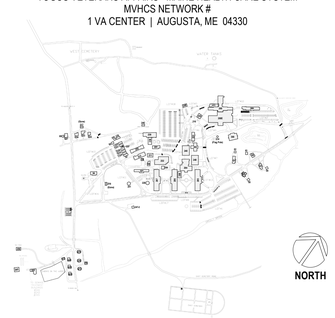
2 LEVEL 1 POWER PLAN - BLDG. Q4
1/8" = 1'-0"



4 ENLARGED POWER PLAN - TE RM 110
1/2" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT
ARCHITECT:
A&E DESIGN
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EDWARD J. GERRITY, STATE OF WASHINGTON, 40-17703, REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING Q4 BASEMENT & LEVEL 1, 2 POWER PLAN - BLDG. Q4
APPROVED:
PHASE: 100% CONSTRUCTION DOCUMENTS
FLS: FULLY SPRINKLERED
PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
LOCATION: TOGUS VA MEDICAL CENTER
ISSUE DATE: NOVEMBER 10, 2025
CHECKED BY: MER
DRAWN BY: AJW
PROJECT NUMBER: 402-22-700
BUILDING NUMBER: Q4
DRAWING NUMBER: Q4-EP-011

VA FORM 08 - 6231

REISSUED 02-18-2026

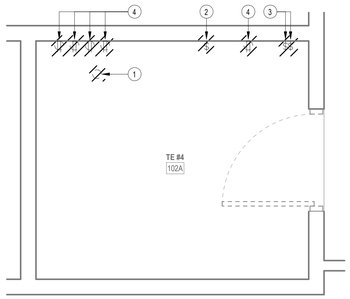
11/10/2025 11:39:56 AM
Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-Q4_Electrical_r22.rvt

GENERAL DEMOLITION NOTES

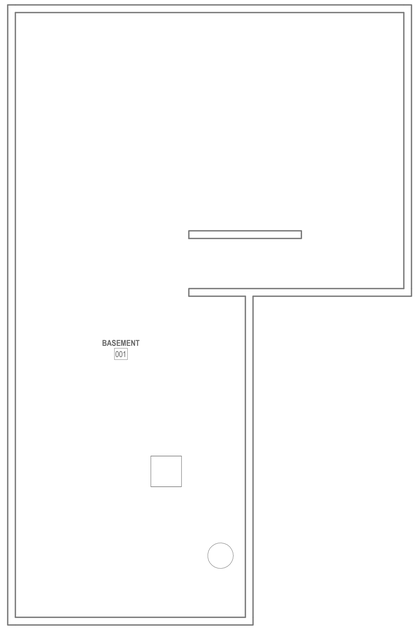
1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

KEY NOTES

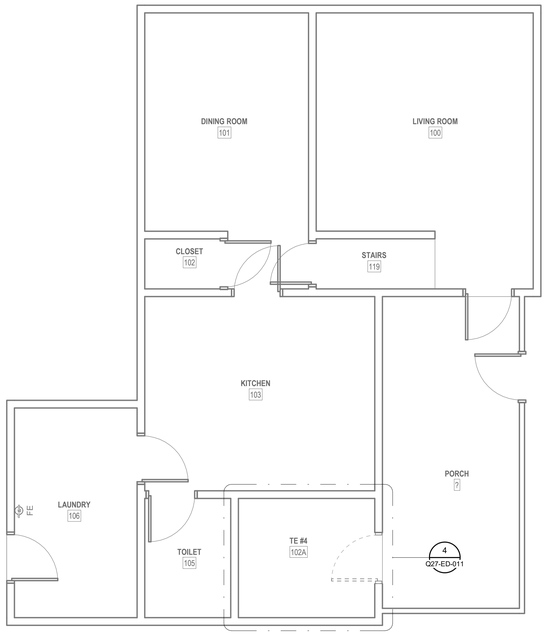
1 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.
2 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.
3 NEW LOCATION OF EXISTING LIGHT SWITCH TO BE RELOCATED.
4 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.



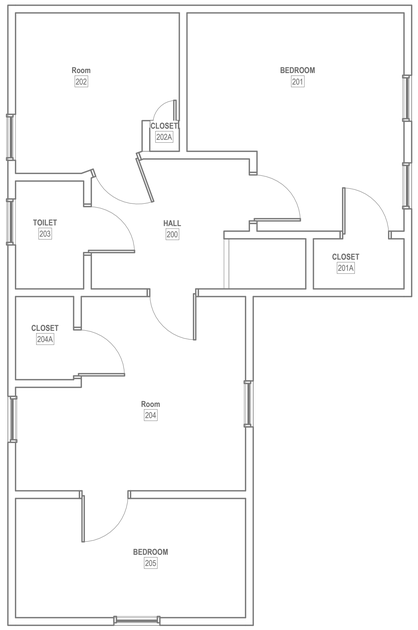
4 ENLARGED DEMOLITION PLAN - TE RM 102A
1/2" = 1'-0"



1 BASEMENT DEMOLITION PLAN - BLDG. Q27
1/4" = 1'-0"



2 LEVEL 1 DEMOLITION PLAN - BLDG. Q27
1/4" = 1'-0"



3 LEVEL 2 DEMOLITION PLAN - BLDG. Q27
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

ARCHITECT:
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GDM ARCHITECTS • ENGINEERS

STAMP

EDWARD J. MALONEY
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE BUILDING Q27 BASEMENT & LEVEL 1, 2 DEMOLITION PLAN - BLDG. Q27	PHASE 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER 402-22-700
			BUILDING NUMBER Q27
APPROVED:	FLS FULLY SPRINKLERED	LOCATION TOGUS VA MEDICAL CENTER	DRAWING NUMBER Q27-ED-011
		ISSUE DATE NOVEMBER 10, 2025 / CHECKED BY MER / DRAWN BY AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-Q27_Electrical_r22.rvt
11/10/2025 11:56:07 AM

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE

NOTES:

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
Q27-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
Q27-OU-1	208/1	-	-	-	16.00	27	3/4"	2#10	-	#10	30	30	1

NOTES
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
4. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.
5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE UPS. ALIGN JUNCTION BOX TO ENCLOSURE 6"X6" CUTOUT BEHIND RACK. L5-30 RECEPTACLES TO BE MOUNTED IN SINGLE JUNCTION BOX UNLESS OTHERWISE NOTED.

2 CONTRACTOR TO PROVIDE NEW 240V, 100A, SINGLE-PHASE PANEL FOR NEW TR EQUIPMENT.

3 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

4 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

5 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

6 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.

7 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

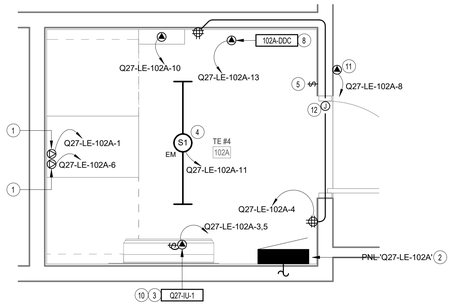
8 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

9 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

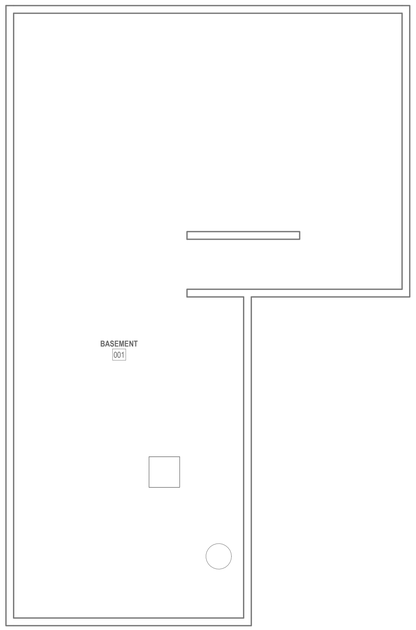
10 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

11 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

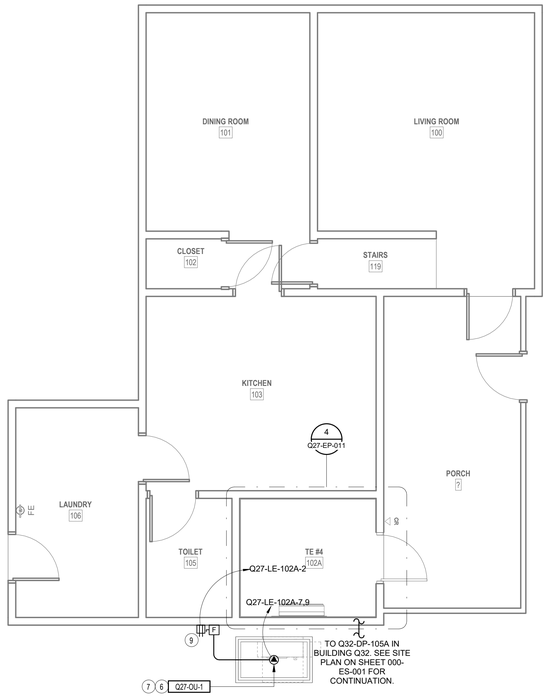
12 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.



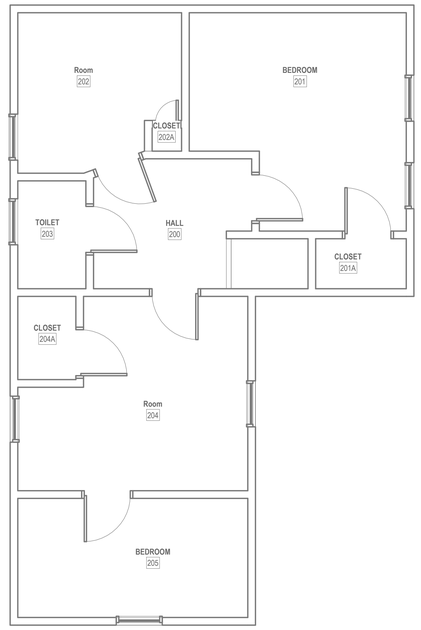
4 ENLARGED POWER PLAN - TE RM 102A
1/2" = 1'-0"



1 BASEMENT POWER PLAN - BLDG. Q27
1/4" = 1'-0"



2 LEVEL 1 POWER PLAN - BLDG. Q27
1/4" = 1'-0"



3 LEVEL 2 POWER PLAN - BLDG. Q27
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT
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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING Q27 BASEMENT & LEVEL 1, 2 POWER PLAN - BLDG. Q27	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: Q27
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: Q27-EP-011
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-Q27_Electrical_r22.rvt
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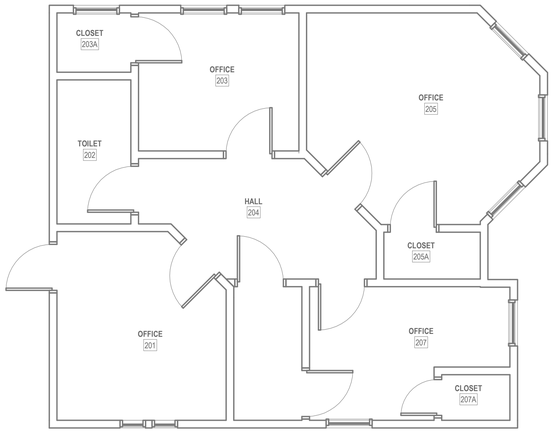
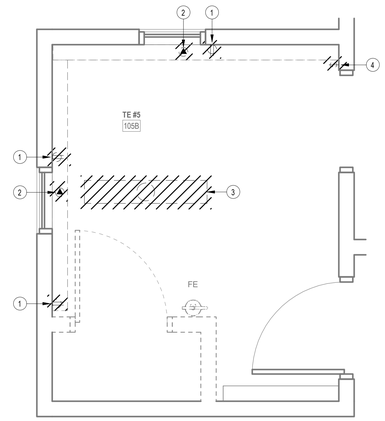


3 LEVEL 2 DEMOLITION PLAN - BLDG. Q32

1/4" = 1'-0"



4 ENLARGED DEMOLITION PLAN - TE RM 105B

1/2" = 1'-0"

GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
4. COORDINATE EXTENT AND SCOPE OF DEMOLITION IN ALL SPACES WITH ARCHITECTURAL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
6. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.

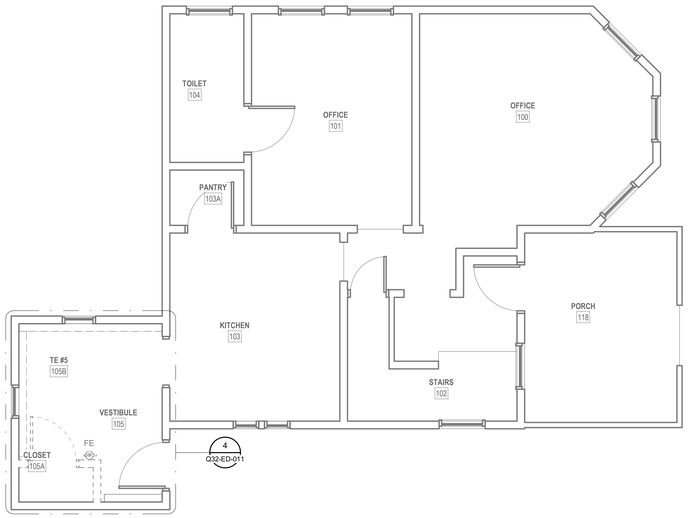
KEY NOTES

1 EXISTING ELECTRICAL RECEPTACLES TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO SOURCE.

2 EXISTING BASEBOARD HEATER TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

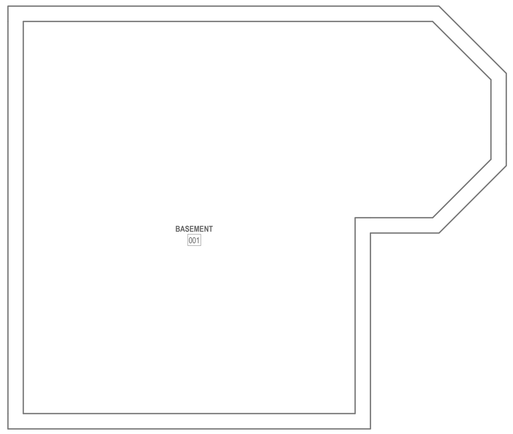
3 EXISTING LIGHT FIXTURE TO BE REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING LIGHT FIXTURES IN CIRCUIT.

4 EXISTING LIGHT SWITCH TO BE REMOVED. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.



2 LEVEL 1 DEMOLITION PLAN - BLDG. Q32

1/4" = 1'-0"



1 BASEMENT DEMOLITION PLAN - BLDG. Q32

1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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PH: 541-436-4723

GDM ARCHITECTS • ENGINEERS

STAMP

EDWARD J. DEVANEY
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING Q32 BASEMENT & LEVEL1, 2 DEMOLITION PLAN - BLDG. Q32	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: Q32
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: Q32-ED-011

VA FORM 08 - 6231

REISSUED 02-18-2026

Autodesk Docs://22117_VA Medical Center - Togus ME/22117_B-Q32_Electrical_r22.rvt
11/10/2025 12:43:12 PM

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIPLIGHT FIXTURE, LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI-WH (E10WLCP)	LED	80	6785	4000K	52	WHITE
NOTES:									

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
SPLIT SYSTEM INDOOR UNIT SCHEDULE													
Q32-IU-1	208/1	-	-	-	15.0	-	-	-	-	-	-	-	2,3
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE													
Q32-OU-1	208/1	-	-	-	16.00	27	3/4"	2#10	-	#10	30	30	1

NOTES:
1. PROVIDE NEW DISCONNECT.
2. INDOOR UNIT FED BY ASSOCIATED OUTDOOR UNIT.
3. PROVIDE WITH MOTOR-RATED SWITCH.

GENERAL NOTES

1. COORDINATE EXACT LOCATION OF MECHANICAL AND TELECOMMUNICATIONS EQUIPMENT WITH THE CORRESPONDING DISCIPLINE'S DRAWINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
3. REFER TO ASSOCIATED TN SHEET FOR RACK QUANTITES IN EXISTING AND NEW TR SPACES.
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5. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET 000-EG-001 FOR ADDITIONAL INFORMATION AND FEEDER REQUIREMENTS.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW L5-30 RECEPTACLE IN NEW JUNCTION BOX FOR NEW TELECOMMUNICATIONS ENCLOSURE UPS. ALIGN JUNCTION BOX TO ENCLOSURE 6"X6" CUTOUT BEHIND RACK. L5-30 RECEPTACLES TO BE MOUNTED IN SINGLE JUNCTION BOX UNLESS OTHERWISE NOTED.

2 CONTRACTOR TO PROVIDE NEW 240V, 400A, SINGLE-PHASE PANEL TO FEED QUARTERS BUILDINGS.

3 CONTRACTOR TO PROVIDE NEW 240V, 100A, SINGLE-PHASE PANEL FOR NEW TR EQUIPMENT.

4 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.

5 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

6 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

7 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.

8 CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

9 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS FOR NEW DDC UNIT.

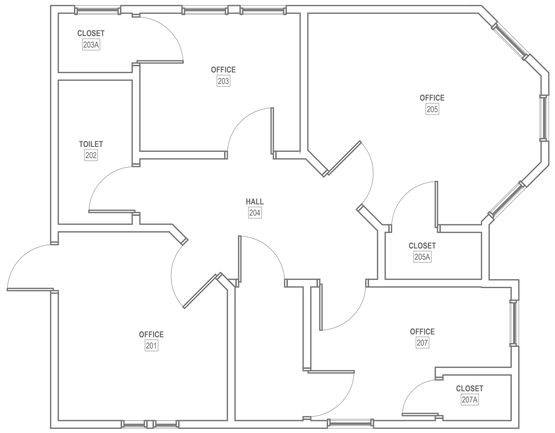
10 CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.

11 CONTRACTOR TO PROVIDE NEW MOTOR-RATED SWITCH. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET.

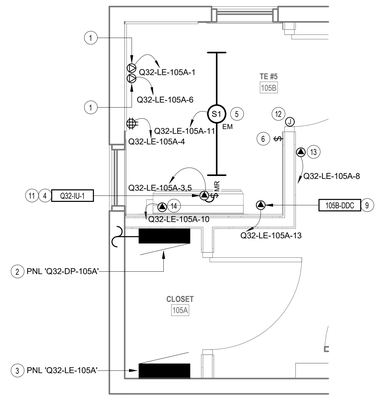
12 CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.

13 CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.

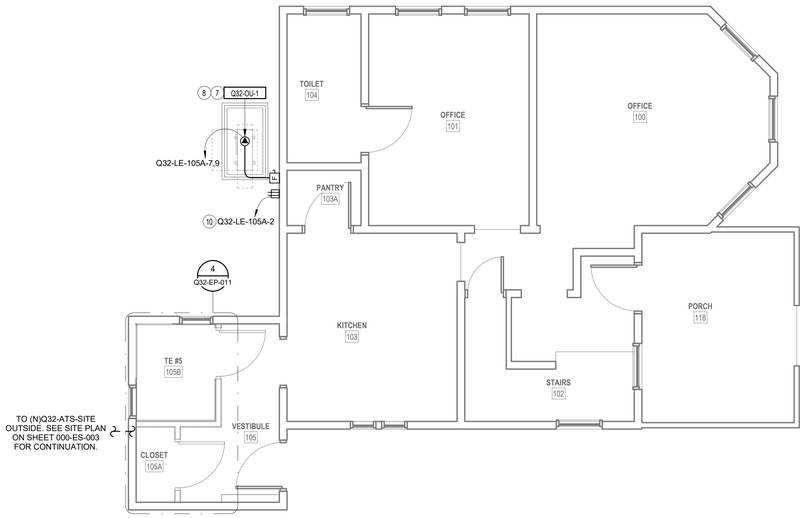
14 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW ACCESS CONTROL PANEL.



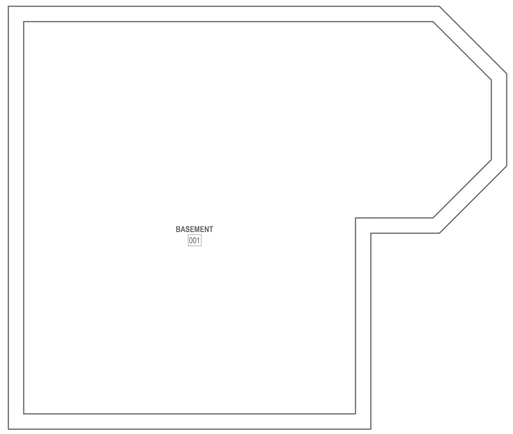
3 LEVEL 2 POWER PLAN - BLDG. Q32
1/4" = 1'-0"



4 ENLARGED POWER PLAN - TE RM 105B
1/2" = 1'-0"



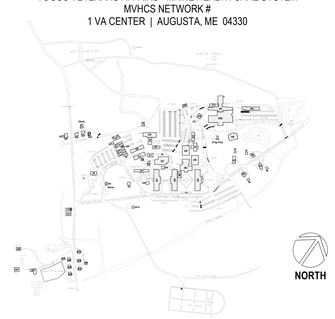
2 LEVEL 1 POWER PLAN - BLDG. Q32
1/4" = 1'-0"



1 BASEMENT POWER PLAN - BLDG. Q32
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT
ARCHITECT:
A&E DESIGN
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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING Q32 BASEMENT & LEVEL 1, 2 POWER PLAN - BLDG. Q32
APPROVED:
PHASE: 100% CONSTRUCTION DOCUMENTS
FLS: FULLY SPRINKLERED
PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
LOCATION: TOGUS VA MEDICAL CENTER
ISSUE DATE: NOVEMBER 10, 2025
CHECKED BY: MER
DRAWN BY: AJW
PROJECT NUMBER: 402-22-700
BUILDING NUMBER: Q32
DRAWING NUMBER: Q32-EP-011

VA FORM 08 - 6231

REISSUED 02-18-2026

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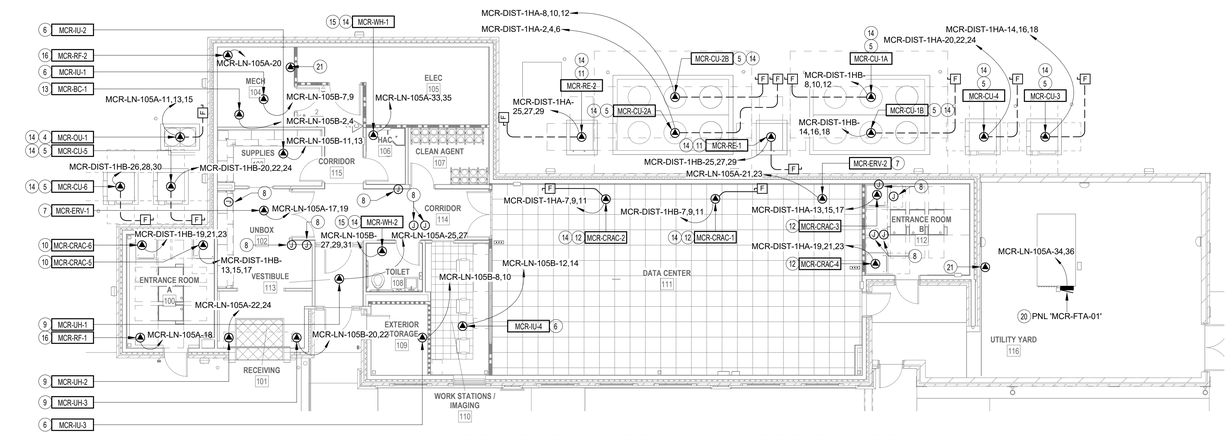
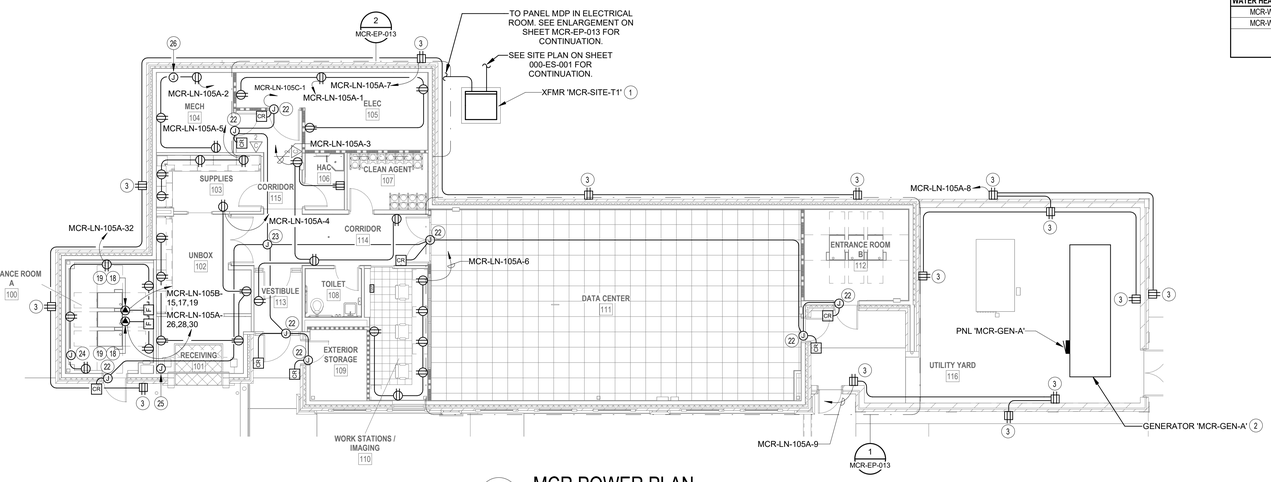


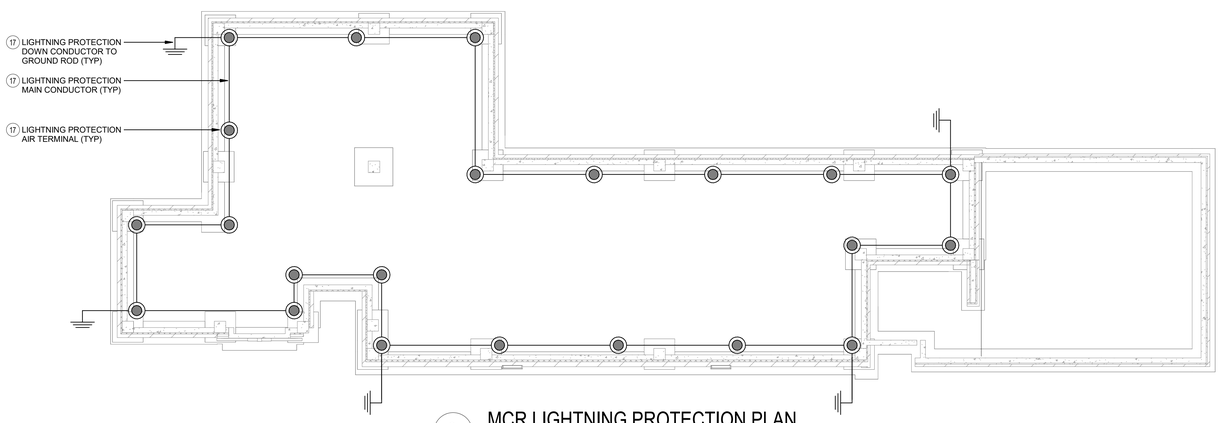
2 MCR POWER PLAN - MECHANICAL UNIT COORDINATION

1/8" = 1'-0"



1 MCR POWER PLAN

1/8" = 1'-0"



3 MCR LIGHTNING PROTECTION PLAN

1/8" = 1'-0"

ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	VOLTAGE/PHASE	HP	KW	FLA	MCA	MOCP	BRANCH CIRCUIT RACEWAY	BRANCH CIRCUIT PHASE	BRANCH CIRCUIT N	BRANCH CIRCUIT G	DISCONNECT SIZE	DISCONNECT FUSE	NOTES
CRAC UNIT SCHEDULE													
MCR-CRAC-1	480/3	-	-	79.90	92.2	100	2"	3#1	#1	#8	100	100	1
MCR-CRAC-2	480/3	-	-	79.90	92.2	100	2"	3#1	#1	#8	100	100	1
MCR-CRAC-3	480/3	-	-	18.80	22.7	25	3/4"	3#10	#10	#10	-	-	
MCR-CRAC-4	480/3	-	-	18.80	22.7	25	3/4"	3#10	#10	#10	-	-	
MCR-CRAC-5	480/3	-	-	18.80	22.7	25	3/4"	3#10	#10	#10	-	-	
MCR-CRAC-6	480/3	-	-	18.80	22.7	25	3/4"	3#10	#10	#10	-	-	
CRAC CONDENSING UNIT SCHEDULE													
MCR-CU-1A	480/3	-	-	8.40	9.1	15	3/4"	3#12	#12	#12	30	15	1
MCR-CU-1B	480/3	-	-	8.40	9.1	15	3/4"	3#12	#12	#12	30	15	1
MCR-CU-2A	480/3	-	-	8.40	9.1	15	3/4"	3#12	#12	#12	30	15	1
MCR-CU-2B	480/3	-	-	8.40	9.1	15	3/4"	3#12	#12	#12	30	15	1
MCR-CU-3	480/3	-	-	1.40	1.8	15	3/4"	3#12	#12	#12	30	15	1
MCR-CU-4	480/3	-	-	1.40	1.8	15	3/4"	3#12	#12	#12	30	15	1
MCR-CU-5	480/3	-	-	1.40	1.8	15	3/4"	3#12	#12	#12	30	15	1
MCR-CU-6	480/3	-	-	1.40	1.8	15	3/4"	3#12	#12	#12	30	15	1
INDOOR UNIT SCHEDULE													
MCR-IU-1	208/1	-	-	-	2.9	15	3/4"	2#12	-	#12	-	-	
MCR-IU-2	208/1	-	-	-	2.1	15	3/4"	2#12	-	#12	-	-	
MCR-IU-3	208/1	-	-	-	0.2	15	3/4"	2#12	-	#12	-	-	
MCR-IU-4	208/1	-	-	-	0.2	15	3/4"	2#12	-	#12	-	-	
ENERGY RECOVERY VENTILATOR UNIT SCHEDULE													
MCR-ERV-1	208/1	-	-	0.11	5.10	15	3/4"	2#12	-	#12	-	-	
MCR-ERV-2	208/1	-	-	0.03	.4	15	3/4"	2#12	-	#12	-	-	
RADON FAN SCHEDULE													
MCR-RF-1	120/1	-	0.141	1.2	-	-	3/4"	1#12	-	#12	-	-	
MCR-RF-2	120/1	-	0.141	1.2	-	-	3/4"	1#12	-	#12	-	-	
UNIT HEATER SCHEDULE													
MCR-UH-1	208/1	-	2	9.6	12.0	15	3/4"	2#12	-	#12	-	-	
MCR-UH-2	208/1	-	3.75	16.8	21.0	25	3/4"	2#10	-	#10	-	-	
MCR-UH-3	208/1	-	3.75	16.8	21.0	25	3/4"	2#10	-	#10	-	-	
OUTDOOR UNIT SCHEDULE													
MCR-OU-1	208/3	-	-	-	38	60	1-1/4"	3#4	#4	#10	60	60	1
REFRIGERANT ECONOMIZER SCHEDULE													
MCR-RE-1	480/3	-	-	7	7.9	15	3/4"	3#12	#12	#12	30	15	1
MCR-RE-1	480/3	-	-	7	7.9	15	3/4"	3#12	#12	#12	30	15	1
BRANCH CIRCUIT CONTROLLER SCHEDULE													
MCR-BC-1	208/1	-	-	-	0.4	20	3/4"	2#12	-	#12	-	-	
FUEL SYSTEM EQUIPMENT SCHEDULE													
MCR-FTA-1	208/1	-	-	-	40.0	50	1"	2#4	-	#10	60	50	
WATER HEATER SCHEDULE													
MCR-WH-1	208/1	-	7.3	3	-	-	3/4"	2#12	-	#12	-	-	
MCR-WH-2	208/1	-	18	3	-	-	3/4"	2#12	-	#12	-	-	

NOTES
1. PROVIDE NEW DISCONNECT

GENERAL NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
3. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
4. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.
5. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZES.

KEY NOTES

1. CONTRACTOR TO PROVIDE NEW 500KVA TRANSFORMER. REFER TO 000-ES-001 AND MCR-EJ-001 FOR ADDITIONAL INFORMATION AND REQUIREMENTS. CONTRACTOR TO PROVIDE (2) SPARE CONDUIT RUNS ON SECONDARY SIDE OF TRANSFORMER.
2. CONTRACTOR TO PROVIDE NEW 400KW, 480V, EMERGENCY GENERATOR. CONTRACTOR TO PROVIDE NEW CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
3. CONTRACTOR TO PROVIDE WET-RATED CONVENIANCE RECEPTACLE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION AND WEATHER PROTECTION.
4. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW OUTDOOR MECHANICAL UNIT.
5. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR CRAC CONDENSING UNIT.
6. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW INDOOR MECHANICAL UNIT.
7. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW ENERGY RECOVERY VENTILATOR.
8. CONTRACTOR TO PROVIDE JUNCTION BOX FOR MECHANICAL HEAT TRACE.
9. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW UNIT HEATER.
10. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
11. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW REFRIGERANT ECONOMIZER.
12. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR MECHANICAL CRAC UNIT.
13. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW VRF BRANCH CIRCUIT CONTROLLER.
14. CONTRACTOR TO PROVIDE NEW DISCONNECT WITH NEW FUSES FOR NEW MECHANICAL EQUIPMENT. SEE ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
15. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW WATER HEATER.
16. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW RADON FAN.
17. PROVIDE LIGHTNING PROTECTION SYSTEM FOR MCR BUILDING.MINIMAL SYSTEM SHOWN FOR BIDDING PURPOSES ONLY. ACTUAL SYSTEM LAYOUT SHALL BE DETERMINED BY THE CONTRACTOR IN ACCORDANCE WITH NFPA 780 REQUIREMENTS. FIELD VERIFY ALL EQUIPMENT, PIPING AND BUILDING LAYOUTS PRIOR TO BEGINNING WORK.
18. CONTRACTOR TO PROVIDE NEW 208V, 60A, 3-PHASE POWER TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW RACK POWER. JUNCTION BOX TO BE MOUNTED DIRECTLY ON CABLE TRAY.
19. CONTRACTOR TO PROVIDE NEW 60A DISCONNECT WITH NEW 60A FUSES TO POWER NEW 60A ZONE PDU.
20. CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR 208V, 1-PHASE, 40A CONNECTION TO NEW PANEL ATTACHED TO GENERATOR FUEL TANK.
21. CONTRACTOR TO PROVIDE CONNECTION TO FUEL TANK ANNUNCIATORS.
22. CONTRACTOR TO PROVIDE CONDUIT AND CONDUCTORS TO FEED CARD READER AND DOOR ACCESS CONTROLS PROVIDED BY OTHERS.
23. CONTRACTOR TO PROVIDE NEW JUNCTION BOX TO FEED NEW CARD READER AND DOOR ACCESS CONTROL SYSTEM.
24. PROVIDE JUNCTION BOX FOR NEW HEAT TRACE CONNECTION THROUGH HH-1. SEE SITE PLAN ON SHEET 000-ES-002 FOR ADDITIONAL INFORMATION AND CONTINUATION. PROVIDE CONDUIT AND CONDUCTORS AS REQUIRED FROM AVAILABLE SPACE IN DISTRIBUTION SECTION MCR-DIST-1HB TO CONNECTION POINT AS SHOWN ON SITE PLAN. SEE ONE-LINE ON SHEET MCR-EJ-001 FOR BREAKER AND FEEDER SIZES.
25. PROVIDE JUNCTION BOX FOR NEW HEAT TRACE. SEE SITE PLAN ON SHEET 000-ES-002 FOR ADDITIONAL INFORMATION AND CONTINUATION. PROVIDE CONDUIT AND CONDUCTORS AS REQUIRED FROM AVAILABLE SPACE IN DISTRIBUTION SECTION MCR-DIST-1HB TO CONNECTION POINT AS SHOWN ON SITE PLAN. SEE ONE-LINE ON SHEET MCR-EJ-001 FOR BREAKER AND FEEDER SIZES.
26. PROVIDE JUNCTION BOX FOR NEW HEAT TRACE CONNECTION THROUGH MH-8. SEE SITE PLAN ON SHEET 000-ES-002 FOR ADDITIONAL INFORMATION AND CONTINUATION. PROVIDE CONDUIT AND CONDUCTORS AS REQUIRED FROM AVAILABLE SPACE IN DISTRIBUTION SECTION MCR-DIST-1HB TO CONNECTION POINT AS SHOWN ON SITE PLAN. SEE ONE-LINE ON SHEET MCR-EJ-001 FOR BREAKER AND FEEDER SIZES.

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING MCR MCR POWER PLAN	PHASE: 95% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: MCR
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: MCR-EP-011

VA FORM 08 - 6231

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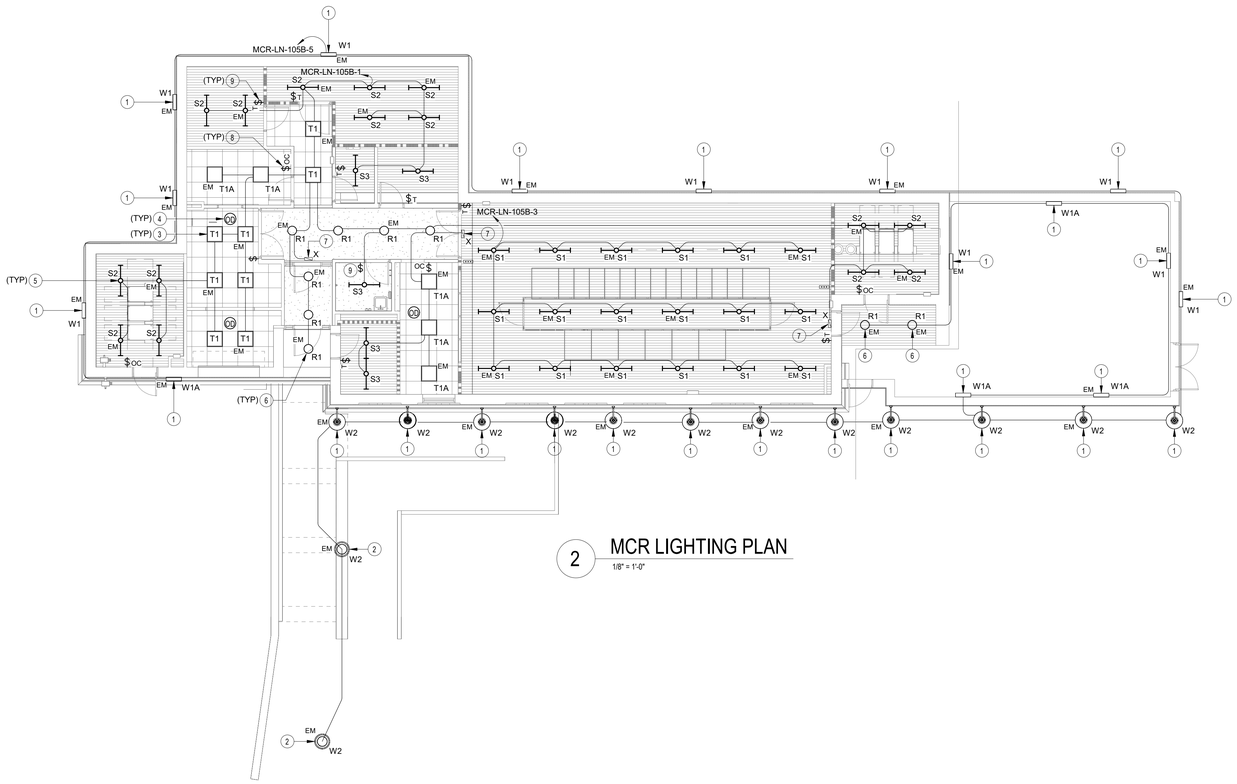


2 MCR LIGHTING PLAN

1/8" = 1'-0"

GENERAL NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. DISPOSE OF REMOVED EQUIPMENT UNLESS DIRECTED TO DO SO OTHERWISE BY OWNER.
3. CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY MOVE AND RETURN FURNITURE, FIXTURES, AND EQUIPMENT WITHIN SPACES AS REQUIRED TO COMPLETE EACH DAY'S WORK. THE VA WILL REMOVE, OR SECURE, PHI, PPI, AND PERSONAL PROPERTY. COORDINATE THIS WORK WITH THE COR.
4. PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES TO PREVENT ANY DAMAGE OF EXISTING FINISHES. ANY ACCIDENTAL DAMAGE INCURRED TO EXISTING CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR CORRECT.
5. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZES.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW EXTERIOR WALL-MOUNTED, DOWN-FACING, LIGHT FIXTURE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION AMD REQUIREMENTS.

2 CONTRACTOR TO PROVIDE NEW POLE-MOUNTED LIGHT FIXTURE FOR SITE PATHWAY LIGHTING. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION AMD REQUIREMENTS.

3 CONTRACTOR TO PROVIDE NEW 2' X 2' LIGHT FIXTURE MOUNTER ON CEILING. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION AMD REQUIREMENTS.

4 CONTRACTOR TO PROVIDE NEW OCCUPANCY SENSOR. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

5 CONTRACTOR TO PROVIDE NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

6 CONTRACTOR TO PROVIDE NEW EXTERIOR, CEILING-MOUNTED, DOWN LIGHT FIXTURE. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION AMD REQUIREMENTS.

7 CONTRACTOR TO PROVIDE NEW EXIT SIGN. PROVIDE CONDUIT, CONDUCTOR, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

8 CONTRACTOR TO PROVIDE NEW OCCUPANCY SENSOR SWITCH. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

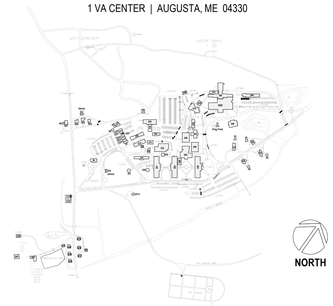
9 CONTRACTOR TO PROVIDE NEW LIGHT SWITCH.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL #	LAMP TYPE	CRI	DELIVERED LUMENS	COLOR TEMP	INPUT WATTS	FINISH
S1	LED STRIP LIGHT FIXTURE. LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#CLX-L96-14000LM-HEF-FDL-MVOLT-GZ1-LUGR-40K-80CRI-WH (E10WLCP)	LED	80	14,125	4000K	88	WHITE
S2	LED STRIP LIGHT FIXTURE. LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-7000LM-FST-MVOLT-40K-80CRI -WH (E10WLCP)	LED	80	6,785	4000K	52	WHITE
S3	LED STRIP LIGHT FIXTURE. LENSED, WHITE HOUSING, PROVIDE WITH E10WLCP EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS.	LITHONIA	#ZL1N-L48-3000LM-FST-MVOLT-40K-80CRI -WH (E10WLCP)	LED	80	3,565	4000K	25	WHITE
T1	2' X 2' LED TROFFER. RIBBED REFLECTOR, CURVED RIBBED DIFFUSER. PROVIDE WITH EMERGENCY BATTERY PACK OPTION #E10WLCP WHERE SHOWN AS EMERGENCY ON PLANS.	LITHONIA	#2BLT2-33LHE-ADP-GZ1-LP840	LED	80	3,336	4000K	24.4	WHITE
T1A	2' X 2' LED TROFFER. RIBBED REFLECTOR, CURVED RIBBED DIFFUSER. PROVIDE WITH EMERGENCY BATTERY PACK OPTION #E10WLCP WHERE SHOWN AS EMERGENCY ON PLANS.	LITHONIA	#2BLT2-20LHE-ADP-GZ1-LP840	LED	80	1,992	4000K	14.7	WHITE
R1	SWITCHABLE WHITE ROUND MVOLT WAFFER CANLESS DOWNLIGHT	LITHONIA	#WF6-LED-30K40K50K-MVOLT-90CRI-MW	LED	90	1,213	4000K	13.4	WHITE
X	8" TALL LED EXIT SIGN W/ IMPACT-RESISTANT, SCRATCH-RESISTANT, AND CORROSION-PROOF WHITE THERMOPLASTIC HOUSING, RED LETTERS.	LITHONIA	#LHQM-LED-R-HORO	LED	-	-	-	4	WHITE
W1	WDGE2 LED ARCHITECTURAL WALL SCONCE PRECISION REFRACTIVE OPTIC. PROVIDE WITH E10WH EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS	LITHONIA	#WDGE2-P4-40K-80CRI-T3M-MVOLT (E10WH)	LED	80	4,268	4000K	47	BLACK
W1A	WDGE2 LED ARCHITECTURAL WALL SCONCE PRECISION REFRACTIVE OPTIC. PROVIDE WITH E10WH EM DRIVER WHERE NOTED AS EMERGENCY ON PLANS	LITHONIA	#WDGE2-P3-40K-80CRI-T4M-MVOLT (E10WH)	LED	80	4,177	4000K	47	BLACK
W2	ABW ARBOR WALL SCONCE	INVUE	#BAA-ABW-B2-LED-D1-A-BK	LED	70	882	4000K	23W	BLACK

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING MCR
MCR LIGHTING PLAN

APPROVED:

PHASE: 95% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025
CHECKED BY: MER
DRAWN BY: AJW

PROJECT NUMBER: 402-22-700
BUILDING NUMBER: MCR
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GENERAL NOTES

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5. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZES.

KEY NOTES

1 CONTRACTOR TO PROVIDE NEW 208V, 3-PHASE, 250A POWERED BUSWAY WITH INTEGRATED CURRENT MONITOR AND L21-20R RECEPTACLES. QUANTITIES AS INDICATED ON THESE PLANS. REFER TO BUSWAY DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION.

2 CONTRACTOR TO PROVIDE NEW 208V, 60A, 3-PHASE POWER TERMINATING IN HARD-WIRED JUNCTION BOX FOR NEW RACK POWER. JUNCTION BOX TO BE MOUNTED DIRECTLY ON CABLE TRAY.

3 CONTRACTOR TO PROVIDE NEW 60A DISCONNECT WITH NEW 60A FUSES TO POWER NEW 60A ZONE PDU.

4 CONTRACTOR TO PROVIDE NEW 208V, 3-PHASE, 400A DISTRIBUTION BOARD FOR NEW MCR EQUIPMENT. PROVIDE CONDUIT CONDUCTORS AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

5 CONTRACTOR TO PROVIDE NEW 208V, 225A, 3-PHASE PANEL. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

6 CONTRACTOR TO PROVIDE NEW 480V, 800A SWITCHBOARD WITH NEW 800A MAIN CIRCUIT BREAKER. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

7 CONTRACTOR TO PROVIDE 480V, 800A AUTOMATIC TRANSFER SWITCH. PROVIDE ALL CONDUIT, CONDUCTORS, AND NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

8 CONTRACTOR TO PROVIDE NEW 480V, 1200A MAIN DISTRIBUTION BOARD WITH 1200A, ADJUSTABLE TRIP MAIN CIRCUIT BREAKER SET TO 800A. PROVIDE ALL CONDUIT, CONDUCTORS, AND NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

9 CONTRACTOR TO PROVIDE NEW 225KVA TRANSFORMER. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

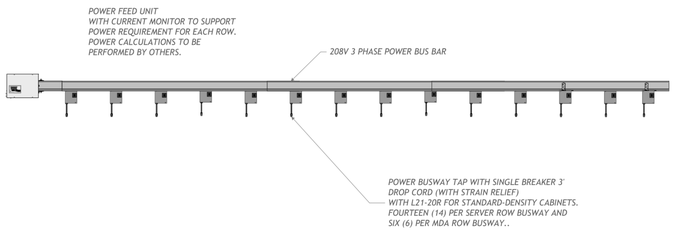
10 CONTRACTOR TO PROVIDE NEW 208V, 600A DISTRIBUTION BOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

11 CONTRACTOR TO PROVIDE NEW 480V, 800A DISTRIBUTION BOARD FOR GENERATOR POWER SWITCHING. PROVIDE ALL CONDUIT, CONDUCTORS, AND NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

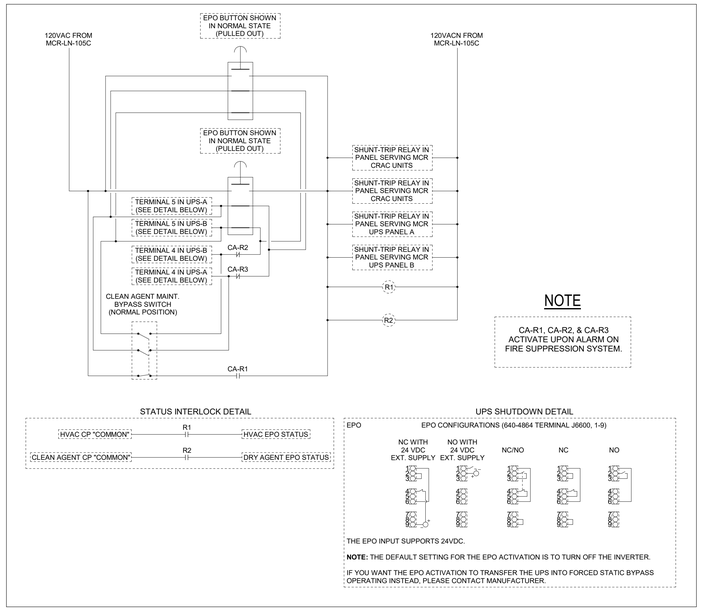
12 CONTRACTOR TO PROVIDE NEW 100KVA MODULAR UPS SYSTEM TO FEED NEW MCR EQUIPMENT. PROVIDE ALL CONDUIT, CONDUCTORS, AND NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

13 CONTRACTOR TO PROVIDE NEW EPO SWITCH IN MCR. REFER TO ONE-LINE ON MCR-EJ-001 AND PANEL SCHEDULES ON MCR-EJ-002 FOR ADDITIONAL INFORMATION.

14 CONTRACTOR TO PROVIDE JUNCTION BOX ABOVE CEILING TO FEED NEW 120V FIRE SMOKE DAMPERS. PROVIDE CONDUIT AND CONDUCTORS AS REQUIRED FOR COMPLETE OPERATION. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.



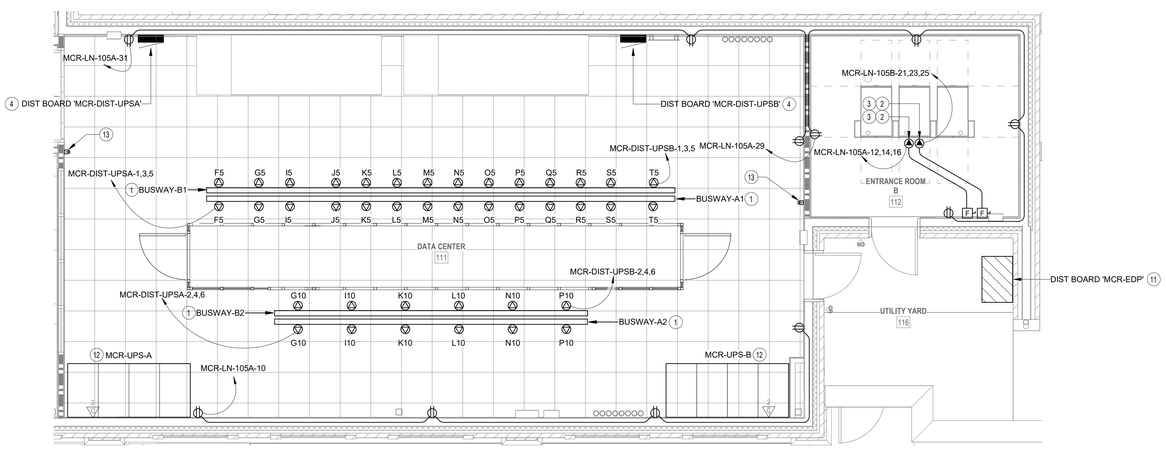
3 MCR OVERHEAD BUSWAY DETAIL
1/8" = 1'-0"



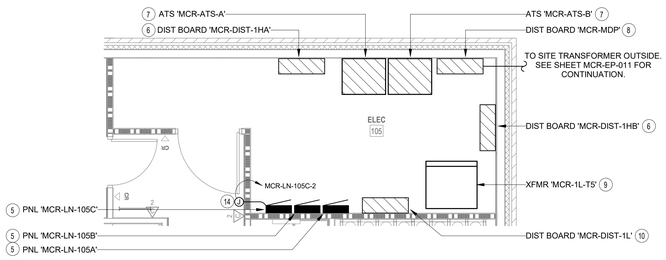
NOTE

CA-R1, CA-R2, & CA-R3
ACTIVATE UPON ALARM ON
FIRE SUPPRESSION SYSTEM.

4 EPO SYSTEM DETAIL
1/8" = 1'-0"



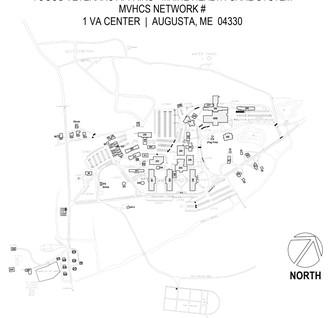
1 ENLARGED POWER PLAN - MCR
1/4" = 1'-0"



2 ENLARGED POWER PLAN - ELEC RM 105
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING MCR MCR ENLARGEMENTS	PHASE: 95% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: MCR
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: MCR-EP-013
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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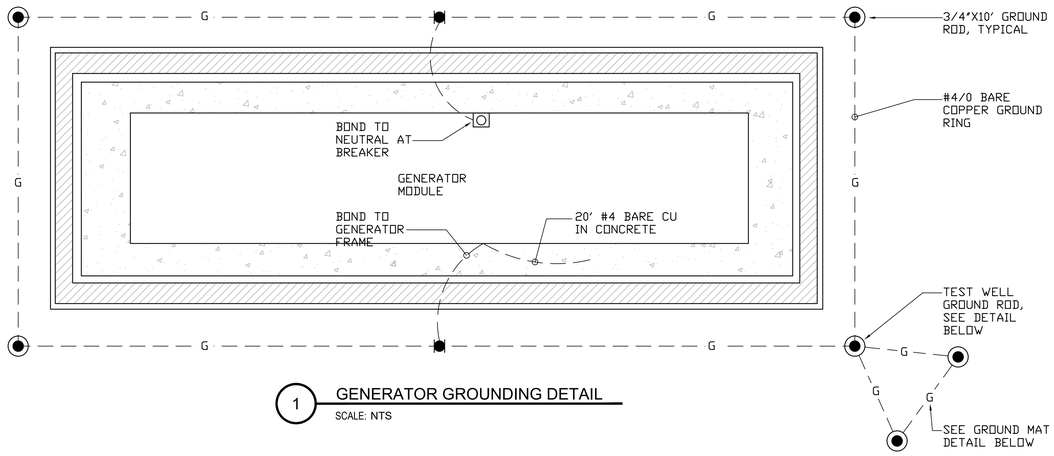
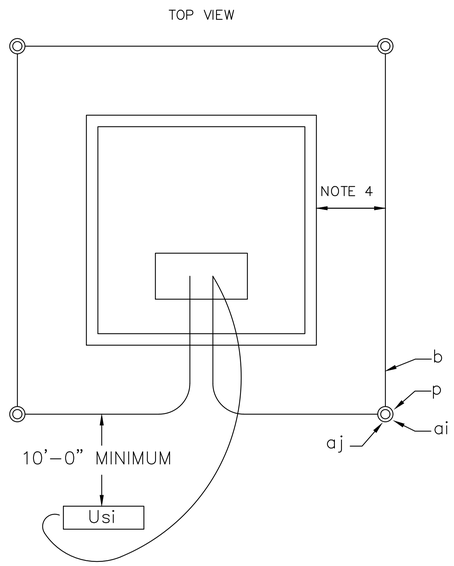
Autodesk Docs://22117_VA Medical Center - Togus ME/22117_MCR_Electrical_r22.rvt



1 GENERATOR GROUNDING DETAIL

SCALE: NTS

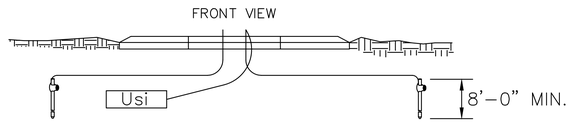


NOTES:

1. PLACE ONE GROUND ROD AT EACH CORNER.
2. GROUNDING GRID 1/0 BARE COPPER BURIED 6" BELOW GROUND, RUN WIRE INTO BASEMENT AND ALLOW 5'-0" FOR GROUNDING LIVE FRONT SWITCH / FUSE ENCLOSURES.
3. PAD OR BASEMENT IS NOT PART OF THIS UNIT.
4. PLACE GROUND WIRE A MINIMUM OF 24" AWAY FROM THE SIDE OR SIDES OF PAD THAT A PERSON WOULD STAND TO OPERATE THE EQUIPMENT. THE GROUND WIRE MAY BE PLACED WITHIN 12" OF THE OTHER SIDES.
5. SPECIFY LENGTH OF GROUND RODS AT EACH CORNER.

NOTE:

CONNECT ANODE, LEAD INSIDE PAD MOUNTED ENCLOSURES FOR TESTING PURPOSES.



GROUNDING ARRAY FOR PAD MOUNTED EQUIPMENT INSTALLATION

2000 UM48-6

ITEM	QTY.	MATERIAL
av		1/0 bare copper (as required) 30'-0" Min.
p		Connectors (as required)
ai	4	Ground rods
aj	4	Clamp, ground rod, 1 per rod

2 PAD-MOUNTED EQUIPMENT GROUNDING DETAIL

SCALE: NTS

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: EQUIPMENT GROUNDING DETAILS	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER:
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 000-EJ-001

VA FORM 08 - 6231

REISSUED 02-18-2026

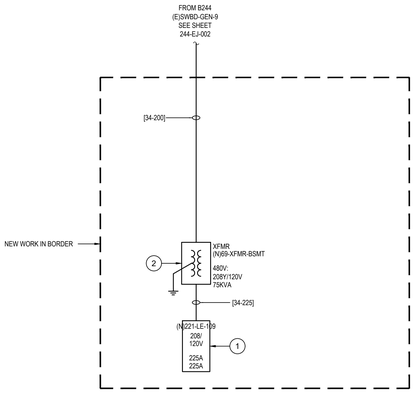
GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

(1) CONTRACTOR TO PROVIDE NEW 208V, 225A PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

(2) CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER.



208/120 VOLT **3** PHASE **4** WIRE

PANEL B69-LE-BSMT

225 AMP BUS RATING **225 AMP** MAIN BREAKER

LOCATION: **BSMT** SUPPLIED BY: **SWBD-GEN-9** SCCR: **22,000 A** AFC:

SERVING: **TR 102B** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**102B LIGHT FIXTURE (3)**	L	0.052	20/1	A	15/2	1.748	D	**69-IU-01 (4)**	2
3	**102B RACK UPS (2)**	D	2.880	30/1	B	-	-	-	-	4
5	**102B RACK PDU (2)**	D	2.880	30/1	C	30/2	2.788	D	**69-OU-01 (1)**	6
7	**102B RECEPTACLES (3)**	R	1.080	20/1	A	-	-	-	-	8
9	**102B DOOR ACCESS CONTROLS (3)**	D		20/1	B	20/1	0.500	D	**102B ACCESS CONTROL PANEL (3)**	10
11	**SPARE (3)**	S	-	20/1	C	20/1	-	S	**SPARE (3)**	12
13	**102B DDC (3)**	D	0.500	20/1	A	20/1	0.180	R	**EXT CONV RECEPTACLE (3)**	14
15	**SPARE (3)**	S	-	20/1	B	20/1	-	S	**SPARE (3)**	16
17	**SPARE (3)**	S	-	20/1	C	20/1	-	S	**SPARE (3)**	18
19	**SPACE**	S	-	-	A	-	-	S	**SPACE**	20
21	**SPACE**	S	-	-	B	-	-	S	**SPACE**	22
23	**SPACE**	S	-	-	C	-	-	S	**SPACE**	24
25	**SPACE**	S	-	-	A	-	-	S	**SPACE**	26
27	**SPACE**	S	-	-	B	-	-	S	**SPACE**	28
29	**SPACE**	S	-	-	C	-	-	S	**SPACE**	30

PHASE LOAD **PHASE A=** **4.08** KVA **PHASE B=** **4.25** KVA **PHASE C=** **4.27** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		11.30			0.05			1.26			**12.61** KVA	**35.00** AMP
CALCULATED LOAD		11.30			0.07			1.26			**12.62** KVA	**35.03** AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 30A/2P BREAKER.
2. PROVIDE NEW 30A/1P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.
4. PROVIDE NEW 15A/2P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 69 PARTIAL ELECTRICAL ONE-LINE & PANEL SCHEDULE	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 69
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 069-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

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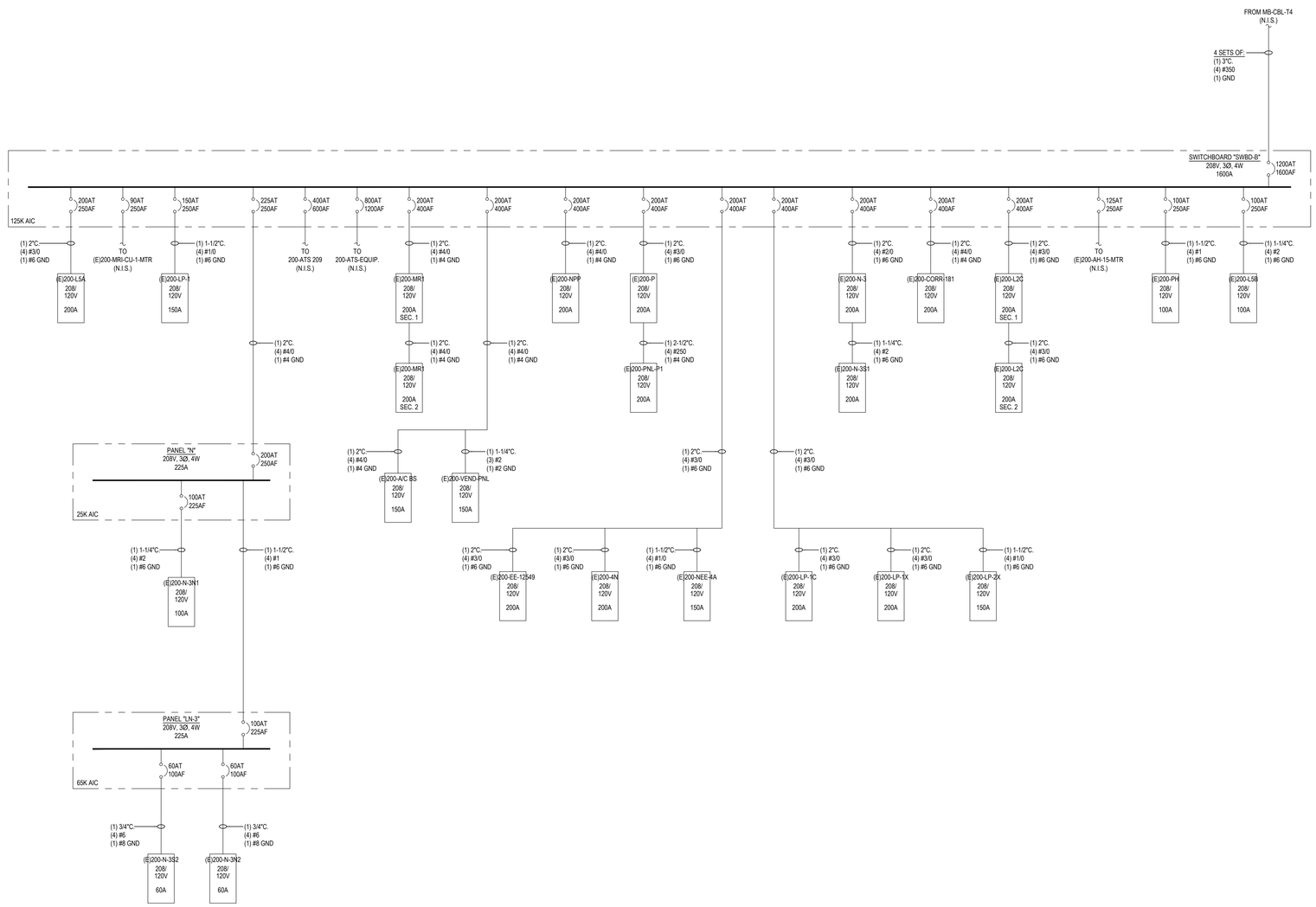

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 200 NORMAL ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: **200-EJ-001**

VA FORM 08 - 6231

REISSUED 02-18-2026

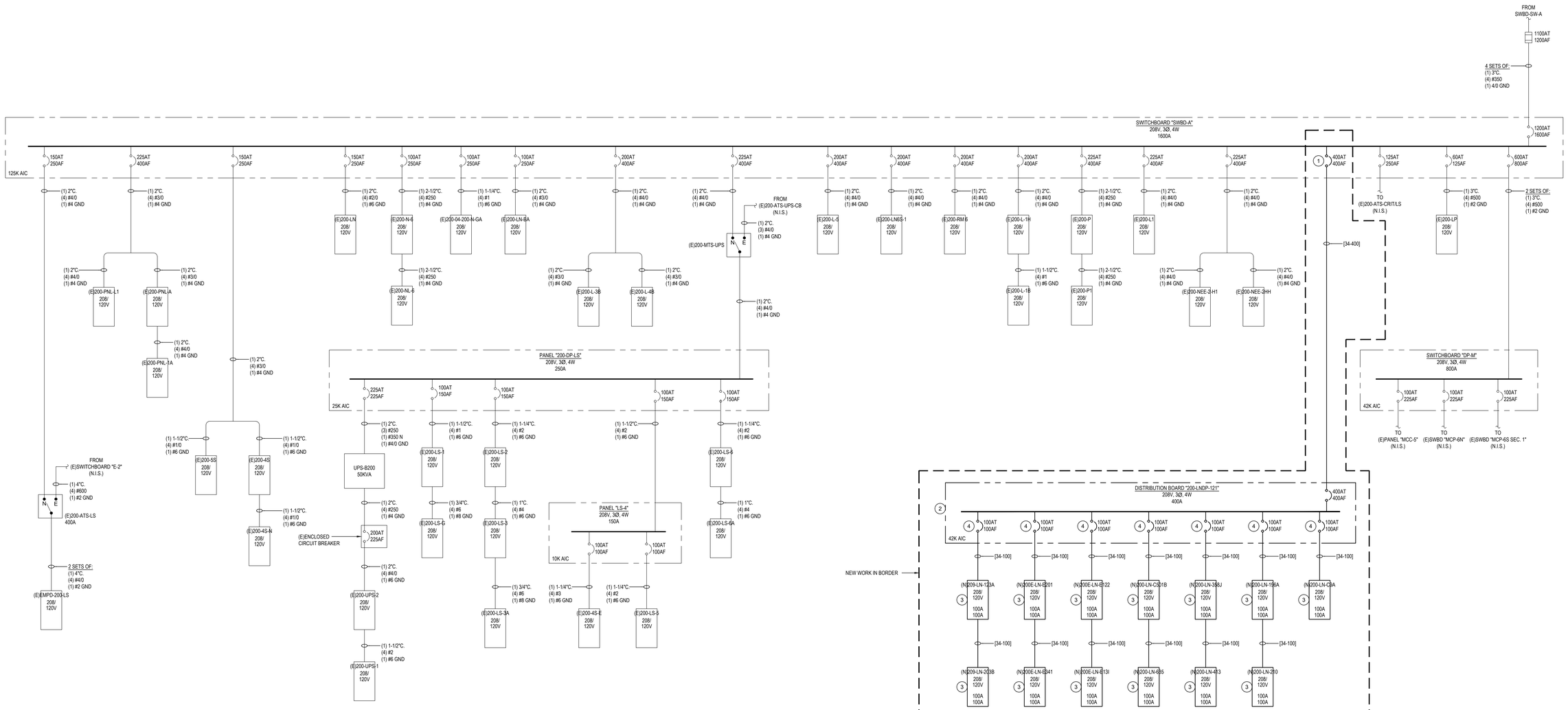
TOGUS VA MEDICAL CENTER			
1-DAY DEMAND:	PANEL 200-SWBD-A		
VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**1600 A**
	OCPD RATING:		**1600 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/07/23 - 08/08/23:			**495. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**178.33 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**222.91 KVA**
NEW LOAD ADDED			**136. KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**358.91 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**996.3 A**
EXISTING FEEDER CAPACITY IN AMPS:			**1600 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

GENERAL NOTES

1. COORDINATE ANY INTERRUPTIONS OF SERVICE FOR EXISTING EQUIPMENT WITH COR PRIOR TO DEMOLITION OR CONSTRUCTION.
2. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.

PLAN NOTES

1. PROVIDE NEW 400A/3P BREAKER IN EXISTING PANEL. MATCH EXISTING TYPE AND MANUFACTURER.
2. PROVIDE NEW 400A DISTRIBUTION BOARD WITH 400A RATED MAIN BREAKER.
3. PROVIDE NEW 208V, 100A BRANCH PANELBOARD WITH 100A RATED MAIN BREAKER.
4. PROVIDE NEW 100A/3P BREAKER IN NEW DISTRIBUTION PANEL TO FEED NEW PANELS.



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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	PHASE	PROJECT TITLE	PROJECT NUMBER
BLDG 200 NORMAL ELECTRICAL ONE-LINE DIAGRAM	100% CONSTRUCTION DOCUMENTS	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: **200-EJ-002**

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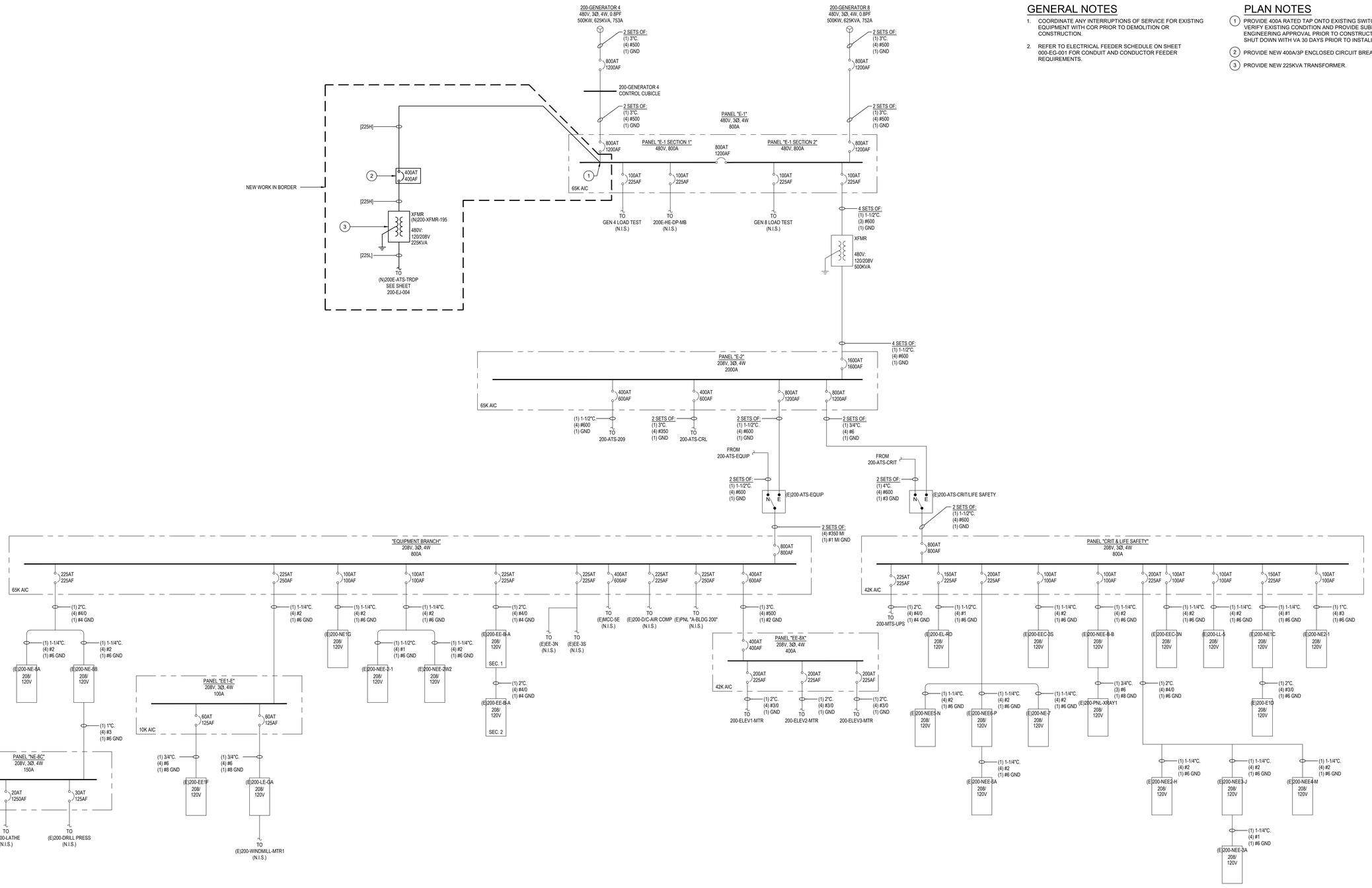

GENERAL NOTES

1. COORDINATE ANY INTERRUPTIONS OF SERVICE FOR EXISTING EQUIPMENT WITH COR PRIOR TO DEMOLITION OR CONSTRUCTION.
2. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.

PLAN NOTES

1. PROVIDE 400A RATED TAP ONTO EXISTING SWITCHBOARD BUS. VERIFY EXISTING CONDITION AND PROVIDE SUBMITTAL FOR ENGINEERING APPROVAL PRIOR TO CONSTRUCTION. COORDINATE SHUT DOWN WITH VA 30 DAYS PRIOR TO INSTALLATION.
2. PROVIDE NEW 400A/3P ENCLOSED CIRCUIT BREAKER.
3. PROVIDE NEW 225KVA TRANSFORMER.

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 200 EMERGENCY ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-EJ-003
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

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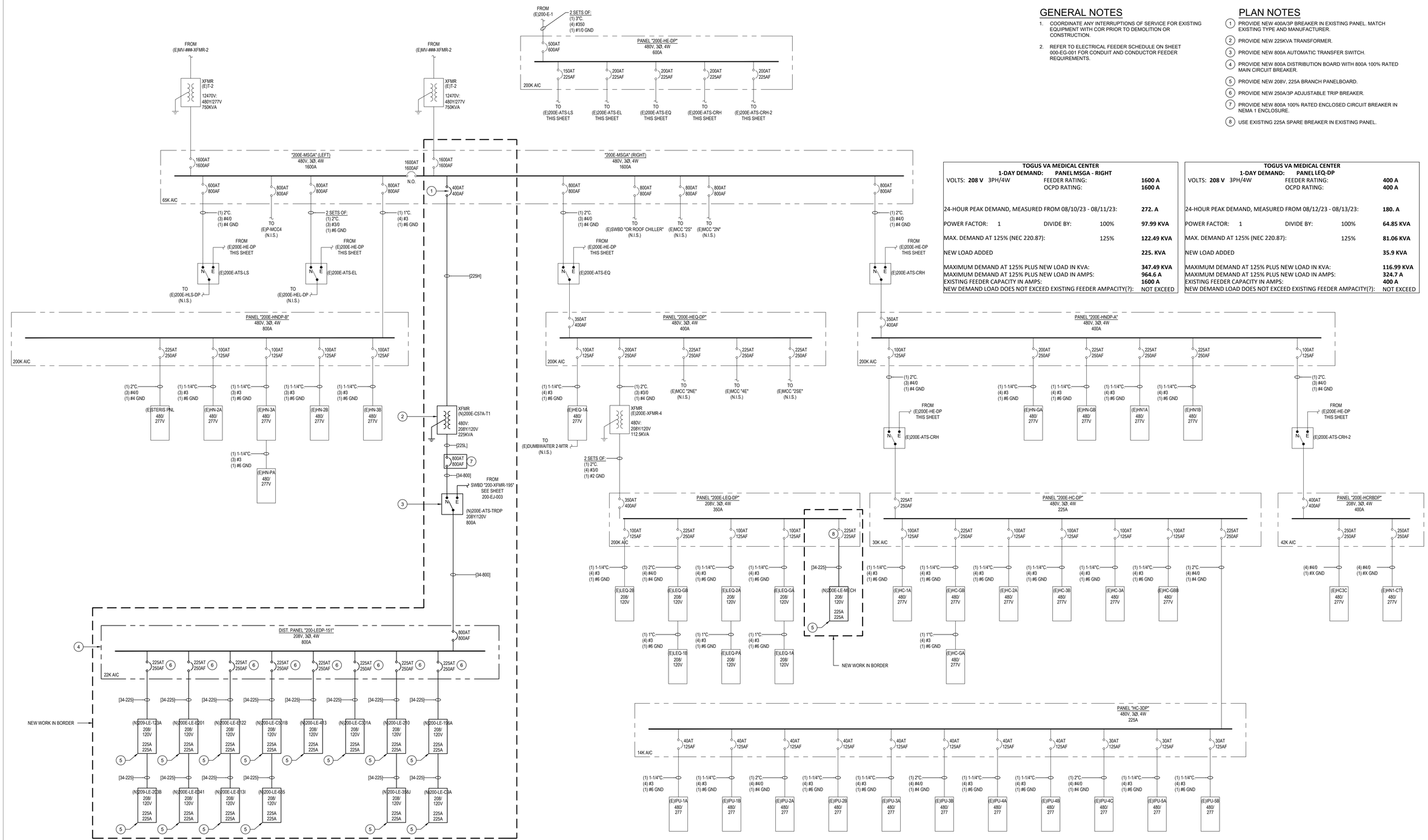

GENERAL NOTES

1. COORDINATE ANY INTERRUPTIONS OF SERVICE FOR EXISTING EQUIPMENT WITH COR PRIOR TO DEMOLITION OR CONSTRUCTION.
2. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR FEEDER REQUIREMENTS.

PLAN NOTES

1. PROVIDE NEW 400A/3P BREAKER IN EXISTING PANEL. MATCH EXISTING TYPE AND MANUFACTURER.
2. PROVIDE NEW 225KVA TRANSFORMER.
3. PROVIDE NEW 800A AUTOMATIC TRANSFER SWITCH.
4. PROVIDE NEW 800A DISTRIBUTION BOARD WITH 800A 100% RATED MAIN CIRCUIT BREAKER.
5. PROVIDE NEW 208V, 225A BRANCH PANELBOARD.
6. PROVIDE NEW 250A/3P ADJUSTABLE TRIP BREAKER.
7. PROVIDE NEW 800A 100% RATED ENCLOSED CIRCUIT BREAKER IN NEMA 1 ENCLOSURE.
8. USE EXISTING 225A SPARE BREAKER IN EXISTING PANEL.

TOGUS VA MEDICAL CENTER
1-DAY DEMAND: PANEL MSGA - RIGHT

VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**1600 A**
	OCPD RATING:		**1600 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/10/23 - 08/11/23:			**272. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**97.99 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**122.49 KVA**
NEW LOAD ADDED			**225. KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**347.49 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**964.6 A**
EXISTING FEEDER CAPACITY IN AMPS:			**1600 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

TOGUS VA MEDICAL CENTER
1-DAY DEMAND: PANEL LEQ-DP

VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**400 A**
	OCPD RATING:		**400 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/12/23 - 08/13/23:			**180. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**64.85 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**81.06 KVA**
NEW LOAD ADDED			**35.9 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**116.99 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**324.7 A**
EXISTING FEEDER CAPACITY IN AMPS:			**400 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 200E ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-EJ-004
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL (N)200-LNDP-121 | 400 AMP BUS RATING | 400 AMP MAIN BREAKER
LOCATION: 121 | SUPPLIED BY: SWBD-A | SCCR: 22,000 A | AFC:
SERVING: | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANEL 200-LN-C9A	P	10.500	250/3	A	250/3	25.500	P	PANELS 200-LN-196A & 210	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	PANELS 200-LN-358J & 413	P	21.000	250/3	A	250/3	20.500	P	PANELS 200-LN-C501B & 635	8
9	-	-	-	-	B	-	-	-	-	10
11	-	-	-	-	C	-	-	-	-	12
13	PANELS 200E-LN-E13I & E122	P	16.000	250/3	A	250/3	21.000	P	PANELS 200E-LN-E201 & E341	14
15	-	-	-	-	B	-	-	-	-	16
17	-	-	-	-	C	-	-	-	-	18
19	PANELS 209-LN-123A & 203B	P	21.000	250/3	A	-	-	S	SPACE	20
21	-	-	-	-	B	-	-	S	SPACE	22
23	-	-	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 48.83 KVA PHASE B= 43.33 KVA PHASE C= 43.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
PANEL (N)200-LNDP-121											
PANEL 200-LN-C9A		10.50								10.50 KVA	29.15 AMP
PANELS 200-LN-196A & 210		25.50								25.50 KVA	70.78 AMP
PANELS 200-LN-358J & 413		21.00								21.00 KVA	58.29 AMP
PANELS 200-LN-C501B & 635		20.50								20.50 KVA	56.90 AMP
PANELS 200E-LN-E13I & E122		16.00								16.00 KVA	44.41 AMP
PANELS 200E-LN-E201 & E341		21.00								21.00 KVA	58.29 AMP
PANELS 209-LN-123A & 203B		21.00								21.00 KVA	58.29 AMP
CONNECTED LOAD		135.50								135.50 KVA	376.11 AMP
CALCULATED LOAD		135.50								135.50 KVA	376.11 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/2P BREAKER
2. PROVIDE NEW 20A/1P BREAKER

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL (N)200-LE-C9A | 225 AMP BUS RATING | 225 AMP MAIN BREAKER
LOCATION: C009A | SUPPLIED BY: 200-LEDP-151 | SCCR: 22,000 A | AFC:
SERVING: TR C009A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	C009A RACK UPS (1)	D	10.000	30/3	A	15/3	3.314	M	200-IU-1 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	C009A RECEPTACLES (3)	R	0.720	20/1	A	20/1		D	C0009A DOOR ACCESS CONTROLS (3)	8
9	C009A RECEPTACLES (3)	R	0.720	20/1	B	20/1	-	S	SPARE (3)	10
11	C009A LIGHT FIXTURE (3)	L	0.208	20/1	C	20/1	-	S	SPARE (3)	12
13	SPARE (3)	S	-	20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	20/1	-	S	SPARE (3)	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.16 KVA PHASE B= 5.16 KVA PHASE C= 4.65 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		10.00			0.21	3.31	1.44		3.31	14.96 KVA	41.53 AMP
CALCULATED LOAD		10.00			0.26	3.31	1.44		0.83	15.84 KVA	43.98 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER
2. PROVIDE NEW 15A/3P BREAKER
3. PROVIDE NEW 20A/1P BREAKER

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL (N)200-LN-196A | 100 AMP BUS RATING | 100 AMP MAIN BREAKER
LOCATION: 196A | SUPPLIED BY: 200-LNDP-121 | SCCR: 22,000 A | AFC:
SERVING: TR 196A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	196A RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	196A DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		10.50								10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50								10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER
2. PROVIDE NEW 20A/1P BREAKER

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL (N)200-LEDP-151 | 800 AMP BUS RATING | 800 AMP MAIN BREAKER
LOCATION: 151 | SUPPLIED BY: MSGA | SCCR: 22,000 A | AFC:
SERVING: 200/200E TR'S | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANELS 200-LE-196A & C9A	P	37.886	250/3	A	250/3	45.120	P	PANELS 200-LE-210 & 358J	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	PANEL 200-LE-C301A	P	35.089	250/3	A	250/3	17.696	P	PANEL 200-LE-413	8
9	-	-	-	-	B	-	-	-	-	10
11	-	-	-	-	C	-	-	-	-	12
13	PANELS 200-LE-C501B & 635	P	35.653	250/3	A	250/3	29.776	P	PANELS 200E-LE-E122 & E13I	14
15	-	-	-	-	B	-	-	-	-	16
17	-	-	-	-	C	-	-	-	-	18
19	PANELS 200E-LE-E201 & E341	P	29.344	250/3	A	100/3	43.402	P	PANELS 209-LE-123A & 203B	20
21	-	-	-	-	B	-	-	-	-	22
23	-	-	-	-	C	-	-	-	-	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 95.37 KVA PHASE B= 95.29 KVA PHASE C= 83.31 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
PANEL (N)200-LEDP-151											
PANELS 200-LE-196A & C9A		20.00			0.42	14.41	3.06		8.86	37.89 KVA	105.16 AMP
PANELS 200-LE-210 & 358J		25.00			0.42	16.64	3.06		11.10	45.12 KVA	125.24 AMP
PANEL 200-LE-C301A						34.37	0.72		5.55	35.09 KVA	97.40 AMP
PANEL 200-LE-413		10.50			0.21	5.55	1.44		5.55	17.70 KVA	49.12 AMP
PANELS 200-LE-C501B & 635		20.00			0.42	12.18	3.06		6.63	35.65 KVA	98.96 AMP
PANELS 200E-LE-E122 & E13I		20.00			0.27	6.63	2.88		6.63	29.78 KVA	82.65 AMP
PANELS 200E-LE-E201 & E341		20.50			0.42	5.55	2.88		5.55	29.34 KVA	81.45 AMP
PANELS 209-LE-123A & 203B		20.00			0.47	19.51	3.42		11.77	43.40 KVA	120.47 AMP
CONNECTED LOAD		136.00			2.61	114.84	20.52		11.77	273.97 KVA	760.45 AMP
CALCULATED LOAD		136.00			3.26	114.84	15.26		2.94	272.30 KVA	755.83 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/2P BREAKER
2. PROVIDE NEW 20A/2P BREAKER
3. PROVIDE NEW 20A/1P BREAKER

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL (N)200-E13I | 100 AMP BUS RATING | 100 AMP MAIN BREAKER
LOCATION: E13I | SUPPLIED BY: 200E-LN-E122 | SCCR: 22,000 A | AFC:
SERVING: TR E13I | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	102B RACK UPS (1)	D	5.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	E13I DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 2.17 KVA PHASE B= 1.67 KVA PHASE C= 1.67 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		5.50								5.50 KVA	15.27 AMP
CALCULATED LOAD		5.50								5.50 KVA	15.27 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER
2. PROVIDE NEW 20A/1P BREAKER

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL (N)200-LE-196A | 225 AMP BUS RATING | 225 AMP MAIN BREAKER
LOCATION: 196A | SUPPLIED BY: 200-LEDP-151 | SCCR: 22,000 A | AFC:
SERVING: TR 196A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	196A RACK UPS (1)	D	10.000	30/3	A	30/3	5.548	M	200-IU-2 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	196A RECEPTACLES (2)	R	0.720	20/1	A	30/3	5.548	M	200-OU-2 (1)	8
9	196A RECEPTACLES (2)	R	0.720	20/1	B	-	-	-	-	10
11	196A LIGHT FIXTURE (2)	L	0.208	20/1	C	-	-	-	-	12
13	EXT CONV RECEPTACLE (2)	R	0.180	20/1	A	20/1		D	196A DOOR ACCESS CONTROLS (2)	14
15	SPARE (2)	S	-	20/1	B	20/1	-	S	SPARE (2)	16
17	SPARE (2)	S	-	20/1	C	20/1	-	S	SPARE (2)	18
19	SPARE (2)	S	-	20/1	A	20/1	-	S	SPARE (2)	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 7.93 KVA PHASE B= 7.75 KVA PHASE C= 7.24 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		10.00			0.21	11.10	1.62		5.55	22.92 KVA	63.63 AMP
CALCULATED LOAD		10.00			0.26	11.10	1.62		1.39	24.36 KVA	67.62 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER
2. PROVIDE NEW 20A/1P BREAKER

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL (N)200-LN-C9A | 100 AMP BUS RATING | 100 AMP MAIN BREAKER
LOCATION: C009A | SUPPLIED BY: 200-LNDP-121 | SCCR: 22,000 A | AFC:
SERVING: TR C009A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	C009A RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	C009A DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		10.50								10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50								10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER
2. PROVIDE NEW 20A/1P BREAKER

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL (N)200E-LE-E13I | 225 AMP BUS RATING | 225 AMP MAIN BREAKER
LOCATION: E13I | SUPPLIED BY: 200E-LE-E122 | SCCR: 22,000 A | AFC:
SERVING: TR E13I | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	E13I RACK PDU (1)	D	10.000	30/3	A	15/3	3.314	M	200E-IU-1 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	E13I RECEPTACLES (3)	R	0.720	20/1	A	20/1		D	E13I DOOR ACCESS CONTROLS (3)	8
9	E13I RECEPTACLES (3)	R	0.720	20/1	B	20/1	-	S	SPARE (3)	10
11	E13I LIGHT FIXTURES (3)	L	0.208	20/1	C	20/1	-	S	SPARE (3)	12
13	SPARE (3)	S	-	20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	-	-	S	SPACE	16
17	SPARE (3)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.16 KVA PHASE B= 5.16 KVA PHASE C= 4.65 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		10.00			0.21	3.31	1.44		3.31	14.96 KVA	41.53 AMP
CALCULATED LOAD		10.00			0.26	3.31	1.44		0.83	15.84 KVA	43.98 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER
2. PROVIDE NEW 15A/3P BREAKER
3. PROVIDE NEW 20A/1P BREAKER

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL (N)200E-LN-E122 | 100 AMP BUS RATING | 100 AMP MAIN BREAKER
LOCATION: E122 | SUPPLIED BY: 200-LNDP-121 | SCCR: 22,000 A | AFC:
SERVING: TR E122 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	E122 RACK UPS(1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	E122 DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		10.50								10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50								10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/2P BREAKER
2. PROVIDE NEW 20A/1P BREAKER

Revisions:	Date:

CONSULTANT
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STAMP
REGISTERED PROFESSIONAL ENGINEER — STATE OF WASHINGTON — PAUL SIDERIUS

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 200 & 200E ELECTRICAL PANEL SCHEDULES
PHASE: 100% CONSTRUCTION DOCUMENTS
PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER: 402-22-700
BUILDING NUMBER: 200 & 200E
APPROVED:
FLS: FULLY SPRINKLERED
LOCATION: TOGUS VA MEDICAL CENTER
ISSUE DATE: NOVEMBER 10, 2025
CHECKED BY: MER
DRAWN BY: AJW
DRAWING NUMBER: 200-EJ-005

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)200E-LE-E122** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: E122 | SUPPLIED BY: 200-LEDP-151 | SCCR: 22,000 A | AFC:

SERVING: TR E122 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	E122 RACK UPS(1)	D	10.000	30/3	A	15/3	3.314	M	200E-IU-2 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	E122 RECEPTACLES (4)	R	0.720	20/1	A	20/1		D	E122 DOOR ACCESS CONTROLS (3)	8
9	E122 RECEPTACLES (4)	R	0.720	20/1	B	20/1	-	S	SPARE (3)	10
11	E122 LIGHT FIXTURE(4)	L	0.059	20/1	C	20/1	-	S	SPARE (3)	12
13	SPARE (3)	S	-	20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	-	-	S	SPACE	16
17	SPARE (3)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.16 KVA PHASE B= 5.16 KVA PHASE C= 4.50 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.06		3.31	1.44		3.31	14.81 KVA	41.12 AMP
CALCULATED LOAD		10.00			0.07		3.31	1.44		0.83	15.66 KVA	43.46 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 15A/3P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)200-LN-210** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 210 | SUPPLIED BY: | SCCR: 22,000 A | AFC:

SERVING: TR 210 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	210 RACK UPS (1)	D	15.000	60/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.00 KVA PHASE B= 5.00 KVA PHASE C= 5.00 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		15.00									15.00 KVA	41.64 AMP
CALCULATED LOAD		15.00									15.00 KVA	41.64 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 60A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)200-LE-210** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: 210 | SUPPLIED BY: | SCCR: 22,000 A | AFC:

SERVING: TR 210 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	210 RACK UPS (1)	D	15.000	60/3	A	30/3	5.548	M	200-IU-3 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	210 RECEPTACLES (3)	R	0.720	20/1	A	20/1		D	210 DOOR ACCESS CONTROLS (3)	8
9	210 RECEPTACLES (3)	R	0.720	20/1	B	20/1	-	S	SPARE (3)	10
11	210 LIGHT FIXTURES (3)	L	0.208	20/1	C	20/1	-	S	SPARE (3)	12
13	SPARE (3)	S	-	20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	-	-	S	SPACE	16
17	SPARE (3)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 7.57 KVA PHASE B= 7.57 KVA PHASE C= 7.06 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		15.00			0.21		5.55	1.44		5.55	22.20 KVA	61.61 AMP
CALCULATED LOAD		15.00			0.26		5.55	1.44		1.39	23.63 KVA	65.60 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 60A/3P BREAKER.
2. PROVIDE NEW 30A/3P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)200E-LN-E201** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: E201 | SUPPLIED BY: 200-LNDP-12 | SCCR: 22,000 A | AFC:

SERVING: TR E201 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	E201 RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	E201 DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
PANEL (N)200E-LN-E201		10.50									10.50 KVA	29.15 AMP
-											KVA	AMP
CONNECTED LOAD		10.50									10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50									10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)200E-LE-E201** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: E201 | SUPPLIED BY: 200-LEDP-151 | SCCR: 22,000 A | AFC:

SERVING: TR E201 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	E201 RACK UPS (1)	D	10.000	30/3	A	20/1		D	E201 DOOR ACCESS CONTROLS (2)	2
3	-	-	-	-	B	20/1	0.500	D	E201 ACCESS CONTROL PANEL (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	E201 RECEPTACLES (2)	R	0.720	20/1	A	20/1	-	S	SPARE (2)	8
9	E201 RECEPTACLES (2)	R	0.720	20/1	B	20/1	-	S	SPARE (2)	10
11	E201 LIGHT FIXTURE (2)	L	0.208	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	16
17	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 4.05 KVA PHASE B= 4.55 KVA PHASE C= 3.54 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.50			0.21			1.44			12.15 KVA	33.72 AMP
CALCULATED LOAD		10.50			0.26			1.44			12.20 KVA	33.86 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)200E-LE-MECH** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: E201 | SUPPLIED BY: (E)LEQ-DP | SCCR: 22,000 A | AFC:

SERVING: 200E-IU-3 & 200-IU-6 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	200E-IU-3 (1)	M	14.374	60/3	A	60/3	14.374	M	200-IU-6 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	SPACE	S	-	-	A	-	-	S	SPACE	8
9	SPACE	S	-	-	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 9.58 KVA PHASE B= 9.58 KVA PHASE C= 9.58 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD							28.75			14.37	28.75 KVA	79.80 AMP
CALCULATED LOAD							28.75			3.59	32.34 KVA	89.77 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 60A/3P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)200-LN-358J** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 358J | SUPPLIED BY: | SCCR: 22,000 A | AFC:

SERVING: TR 358J | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	358J RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	358J DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.50									10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50									10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/2P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)200-LE-C301A** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: C301A | SUPPLIED BY: | SCCR: 22,000 A | AFC:

SERVING: 3RD FLOOR ROOF CONDENSING UNITS | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	200-OU-1 (1)	M	5.548	30/3	A	30/3	5.548	M	200E-OU-4 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	200-OU-3 (1)	M	5.548	30/3	A	20/3	1.081	M	200E-OU-3 (2)	8
9	-	-	-	-	B	-	-	-	-	10
11	-	-	-	-	C	-	-	-	-	12
13	200-OU-5 (1)	M	5.548	30/3	A	30/3	5.548	M	200E-OU-2 (1)	14
15	-	-	-	-	B	-	-	-	-	16
17	-	-	-	-	C	-	-	-	-	18
19	ROOF CONV RECEPTACLES (3)	R	0.360	20/1	A	30/3	5.548	M	200E-OU-1 (1)	20
21	ROOF CONV RECEPTACLES (3)	R	0.360	20/1	B	-	-	-	-	22
23	SPARE (3)	S	-	20/1	C	-	-	-	-	24
25	SPARE (3)	S	-	20/1	A	-	-	S	SPACE	26
27	SPARE (3)	S	-	20/1	B	-	-	S	SPACE	28
29	SPARE (3)	S	-	20/1	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 11.82 KVA PHASE B= 11.82 KVA PHASE C= 11.46 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD							34.37	0.72		5.55	35.09 KVA	97.40 AMP
CALCULATED LOAD							34.37	0.72		1.39	36.48 KVA	101.25 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)200-LE-358J** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: 358J | SUPPLIED BY: | SCCR: 22,000 A | AFC:

SERVING: TR 358J | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	358J RACK PDU (1)	D	10.000	30/3	A	30/3	5.548	M	200-IU-4 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	358J RECEPTACLES (2)	R	0.720	20/1	A	30/3	5.548	M	200-OU-4 (1)	8
9	358J RECEPTACLES (2)	R	0.720	20/1	B	-	-	-	-	10
11	358J LIGHT FIXTURES (2)	L	0.208	20/1	C	-	-	-	-	12
13	358J DOOR ACCESS CONTROLS (3)	D		20/1	A	20/1	0.180	R	LEVEL 4 ROOF CONV REC. (2)	14
15	SPARE (3)	S	-	20/1	B	20/1	-	S	SPARE (3)	16
17	SPARE (3)	S	-	20/1	C	20/1	-	S	SPARE (3)	18
19	SPARE (3)	S	-	20/1	A	20/1	-	S	SPARE (3)	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 7.93 KVA PHASE B= 7.75 KVA PHASE C= 7.24 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.21		11.10	1.62		5.55	22.92 KVA	63.63 AMP
CALCULATED LOAD		10.00			0.26		11.10	1.62		1.39	24.36 KVA	67.62 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	BLDG 200 & 200E ELECTRICAL PANEL SCHEDULES
PHASE	100% CONSTRUCTION DOCUMENTS
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER	402-22-700
BUILDING NUMBER	200 & 200E
APPROVED:	
FLS	FULLY SPRINKLERED
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	NOVEMBER 10, 2025
CHECKED BY	MER
DRAWN BY	AJW
DRAWING NUMBER	200-EJ-006

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT 3 PHASE 4 WIRE
LOCATION: E341 SUPPLIED BY:
SERVING: TR E341

PANEL (N)200E-LN-E341

100 AMP BUS RATING 100 AMP MAIN BREAKER
SCCR: 22,000 A AFC:
FEED: TOP MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	E341 RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	E341 DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.50									10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50									10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/2P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT 3 PHASE 4 WIRE
LOCATION: E341 SUPPLIED BY:
SERVING: TR E341

PANEL (N)200E-LE-E341

225 AMP BUS RATING 225 AMP MAIN BREAKER
SCCR: 22,000 A AFC:
FEED: TOP MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	E341 RACK UPS (1)	D	10.000	30/3	A	15/3	5.548	M	200E-IU-4 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	E341 RECEPTACLES (3)	R	0.720	20/1	A	20/1		D	E341 DOOR ACCESS CONTROLS (3)	8
9	E341 RECEPTACLES (3)	R	0.720	20/1	B	20/1	-	S	SPARE (3)	10
11	E341 LIGHT FIXTURE (3)	L	0.208	20/1	C	20/1	-	S	SPARE (3)	12
13	SPARE (3)	S	-	20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	-	-	S	SPACE	16
17	SPARE (3)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.90 KVA PHASE B= 5.90 KVA PHASE C= 5.39 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.21		5.55	1.44		5.55	17.20 KVA	47.73 AMP
CALCULATED LOAD		10.00			0.26		5.55	1.44		1.39	18.64 KVA	51.73 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 15A/3P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT 3 PHASE 4 WIRE
LOCATION: 413 SUPPLIED BY:
SERVING: TR 413

PANEL (N)200-LN-413

100 AMP BUS RATING 100 AMP MAIN BREAKER
SCCR: 22,000 A AFC:
FEED: TOP MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	413 RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	413 DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.50									10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50									10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT 3 PHASE 4 WIRE
LOCATION: 413 SUPPLIED BY:
SERVING: TR 413

PANEL (N)200-LE-413

225 AMP BUS RATING 225 AMP MAIN BREAKER
SCCR: 22,000 A AFC:
FEED: TOP MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	413 RACK PDU (1)	D	10.000	30/3	A	30/3	5.548	M	200-IU-5 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	413 RECEPTACLES (3)	R	0.720	20/1	A	20/1		D	413 DOOR ACCESS CONTROLS (3)	8
9	413 RECEPTACLES (3)	R	0.720	20/1	B	20/1	0.500	D	413 ACCESS CONTROL PANEL (3)	10
11	413 LIGHT FIXTURES (3)	L	0.208	20/1	C	20/1	-	S	SPARE (3)	12
13	SPARE (3)	S	-	20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	-	-	S	SPACE	16
17	SPARE (3)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.90 KVA PHASE B= 5.39 KVA PHASE C= 5.39 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.21		5.55	1.44		5.55	17.70 KVA	49.12 AMP
CALCULATED LOAD		10.00			0.26		5.55	1.44		1.39	19.13 KVA	53.11 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT 3 PHASE 4 WIRE
LOCATION: C501B SUPPLIED BY:
SERVING: TR C501B

PANEL (N)200-LN-C501B

100 AMP BUS RATING 100 AMP MAIN BREAKER
SCCR: 22,000 A AFC:
FEED: TOP MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	C501B RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.33 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00									10.00 KVA	27.76 AMP
CALCULATED LOAD		10.00									10.00 KVA	27.76 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT 3 PHASE 4 WIRE
LOCATION: C501B SUPPLIED BY:
SERVING: TR C501B

PANEL (N)200-LE-C501B

225 AMP BUS RATING 225 AMP MAIN BREAKER
SCCR: 22,000 A AFC:
FEED: TOP MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	C501B RACK PDU (1)	D	10.000	30/3	A	20/3	1.081	M	200-OU-6 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	C501B RECEPTACLES (3)	R	0.720	20/1	A	20/1		S	C501B DOOR ACCESS CONTROLS (3)	8
9	C501B RECEPTACLES (3)	R	0.720	20/1	B	20/1	-	S	SPARE (3)	10
11	C501B LIGHT FIXTURES (3)	L	0.208	20/1	C	20/1	-	S	SPARE (3)	12
13	SPARE (3)	S	-	20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	-	-	S	SPACE	16
17	SPARE (3)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 4.41 KVA PHASE B= 4.41 KVA PHASE C= 3.90 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.21		1.08	1.44		1.08	12.73 KVA	35.33 AMP
CALCULATED LOAD		10.00			0.26		1.08	1.44		0.27	13.05 KVA	36.23 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
3. PROVIDE NEW 20/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT 3 PHASE 4 WIRE
LOCATION: 635 SUPPLIED BY:
SERVING: TR 635

PANEL (N)200-LN-635

100 AMP BUS RATING 100 AMP MAIN BREAKER
SCCR: 22,000 A AFC:
FEED: TOP MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	635 RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	635 DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.50									10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50									10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/2P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT 3 PHASE 4 WIRE
LOCATION: 635 SUPPLIED BY: 200-LE-C501B
SERVING: TR 635

PANEL (N)200-LE-635

225 AMP BUS RATING 225 AMP MAIN BREAKER
SCCR: 22,000 A AFC:
FEED: TOP MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	635 RACK PDU (1)	D	10.000	30/3	A	30/3	5.548	M	200-IU-7 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	635 RECEPTACLES (2)	R	0.720	20/1	A	30/3	5.548	M	200-OU-7 (1)	8
9	635 RECEPTACLES (2)	R	0.720	20/1	B	-	-	-	-	10
11	635 LIGHT FIXTURES (2)	L	0.208	20/1	C	-	-	-	-	12
13	635 DOOR ACCESS CONTROLS (2)	D		20/1	A	20/1	0.180	R	LEVEL 5 ROOF CONV REC. (2)	14
15	SPARE (2)	S	-	20/1	B	20/1	-	S	SPARE (2)	16
17	SPARE (2)	S	-	20/1	C	20/1	-	S	SPARE (2)	18
19	SPARE (2)	S	-	20/1	A	20/1	-	S	SPARE (2)	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 7.93 KVA PHASE B= 7.75 KVA PHASE C= 7.24 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.21		11.10	1.62		5.55	22.92 KVA	63.63 AMP
CALCULATED LOAD		10.00			0.26		11.10	1.62		1.39	24.36 KVA	67.62 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 200 & 200E ELECTRICAL PANEL SCHEDULES

PHASE: 100% CONSTRUCTION DOCUMENTS

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 200 & 200E

APPROVED:

FLS: FULLY SPRINKLERED

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

DRAWING NUMBER: 200-EJ-007

VA FORM 08 - 6231

REISSUED 02-18-2026

(N)201-LN-001A

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 001A | SUPPLIED BY: B238 - MDP | SCCR: 22,000 A | AFC:

SERVING: TE 001A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	001A RACK UPS (1)	D	2.880	30/1	A	20/1	0.500	D	001A DDC (2)	2
3	SPARE (2)	S	-	20/1	B	20/1	-	S	SPARE (2)	4
5	SPARE (2)	S	-	20/1	C	20/1	-	S	SPARE (2)	6
7	SPARE (2)	S	-	20/1	A	20/1	-	S	SPARE (2)	8
9	SPACE	S	-	-	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.38 KVA PHASE B= ____ KVA PHASE C= ____ KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		3.38									3.38 KVA	9.38 AMP
CALCULATED LOAD		3.38									3.38 KVA	9.38 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

(N)201-LE-001A

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 001A | SUPPLIED BY: B238 - DP | SCCR: 22,000 A | AFC:

SERVING: TR 001A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	001A RACK PDU (1)	D	2.880	30/1	A	30/3	5.548	M	201-OU-1 (3)	2
3	201-IU-1 (2)	M	6.094	40/2	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	001A LIGHT FIXTURES (4)	L	0.052	20/1	A	20/1	0.180	R	EXT CONV RECEPTACLE (4)	8
9	001A RECEPTACLES (4)	R	0.720	20/1	B	20/1		D	001A DOOR ACCESS CONTROLS (4)	10
11	001A ACCESS CONTROL PANEL (4)	D	0.500	20/1	C	20/1	-	S	SPARE (4)	12
13	SPARE (4)	S	-	20/1	A	20/1	-	S	SPARE (4)	14
15	SPARE (4)	S	-	20/1	B	20/1	-	S	SPARE (4)	16
17	SPARE (4)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 4.96 KVA PHASE B= 5.62 KVA PHASE C= 5.40 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		3.38			0.05		11.64	0.90		6.09	15.97 KVA	44.34 AMP
CALCULATED LOAD		3.38			0.07		11.64	0.90		1.52	17.51 KVA	48.61 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 40A/2P BREAKER.
3. PROVIDE NEW 25A/2P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

(N)239-LN-100A

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 100A | SUPPLIED BY: B238 - MDP | SCCR: 22,000 A | AFC:

SERVING: TR 100A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	100A RACK UPS (1)	D	2.880	30/1	A	20/1	0.500	D	100A DDC (2)	2
3	SPARE (2)	S	-	20/1	B	20/1	-	S	SPARE (2)	4
5	SPARE (2)	S	-	20/1	C	20/1	-	S	SPARE (2)	6
7	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	8
9	SPACE	S	-	-	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.38 KVA PHASE B= ____ KVA PHASE C= ____ KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		3.38									3.38 KVA	9.38 AMP
CALCULATED LOAD		3.38									3.38 KVA	9.38 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

(N)239-LE-100A

208/120 VOLT | 3 PHASE | 4 WIRE | PANEL | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 100A | SUPPLIED BY: B238 - DP | SCCR: 22,000 A | AFC:

SERVING: TR 100A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	100A RACK PDU (1)	D	2.880	30/1	A	30/3	4.827	M	239-OU-1 (3)	2
3	239-IU-1 (2)	M	3.910	25/2	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	100A LIGHT FIXTURES (4)	L	0.052	20/1	A	20/1		D	100A DOOR ACCESS CONTROLS (4)	8
9	100A RECEPTACLES (4)	R	0.720	20/1	B	20/1	0.500	D	100A ACCESS CONTROL PANEL (4)	10
11	EXT CONV RECEPTACLE (4)	R	0.180	20/1	C	20/1	-	S	SPARE (4)	12
13	SPARE (4)	S	-	20/1	A	20/1	-	S	SPARE (4)	14
15	SPARE (4)	S	-	20/1	B	20/1	-	S	SPARE (4)	16
17	SPARE (4)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 4.54 KVA PHASE B= 4.78 KVA PHASE C= 3.74 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		3.38			0.05		8.74	0.90		4.83	13.07 KVA	36.28 AMP
CALCULATED LOAD		3.38			0.07		8.74	0.90		1.21	14.29 KVA	39.66 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 25A/2P BREAKER.
3. PROVIDE NEW 30A/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 201 & 239 ELECTRICAL PANEL SCHEDULES

PHASE: 100% CONSTRUCTION DOCUMENTS

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 201 & 239

APPROVED:

FLS: FULLY SPRINKLERED

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

DRAWING NUMBER: 201-EJ-001

VA FORM 08 - 6231

REISSUED 02-18-2026

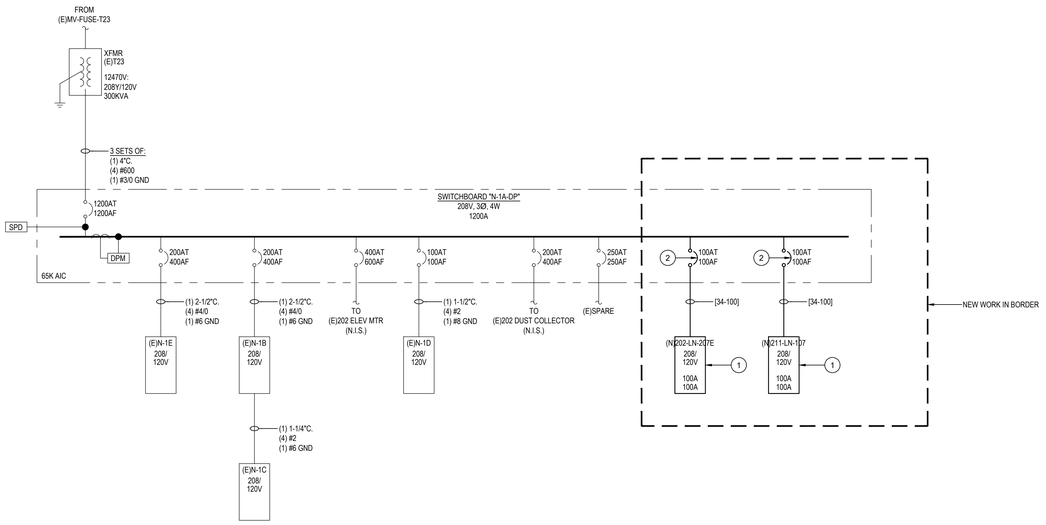
TOGUS VA MEDICAL CENTER 1-DAY DEMAND: PANEL 202-N-1A-DP			
VOLTS: **208 V** 3PH/4W	FEEDER RATING: OCPD RATING:		**1200 A** **1200 A**
24-HOUR PEAK DEMAND, MEASURED FROM 09/01/23 - 09/02/23:			**125. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**45.03 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**56.29 KVA**
NEW LOAD ADDED			**5. KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**61.29 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**170.1 A**
EXISTING FEEDER CAPACITY IN AMPS:			**1200 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

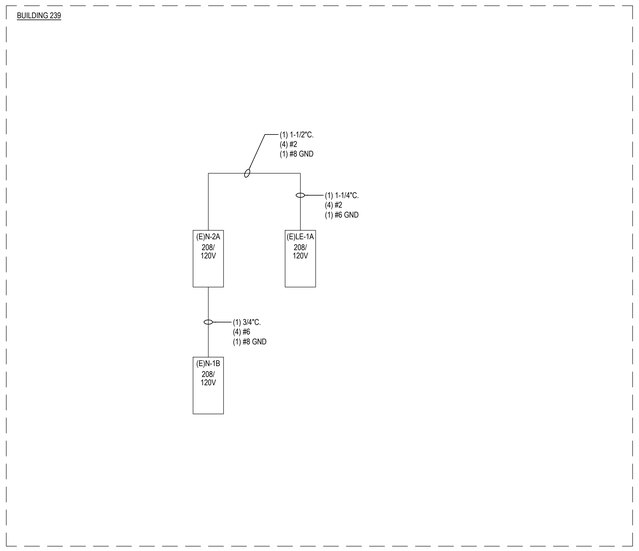
GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 208V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
2. CONTRACTOR TO PROVIDE NEW 100A/3P BREAKER. MATCH EXISTING TYPE AND MANUFACTURER.





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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

U.S. Department of Veterans Affairs

DRAWING TITLE	PHASE	PROJECT TITLE	PROJECT NUMBER
BLDG 202 & 211 NORMAL ELECTRICAL ONE-LINE DIAGRAM	100% CONSTRUCTION DOCUMENTS	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	402-22-700
			BUILDING NUMBER: 202 & 211
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 202-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT **3** PHASE **4** WIRE | **PANEL (E)202-N-1A-DP** | **1200 AMP** BUS RATING **1200 AMP** MAIN BREAKER

LOCATION: **102D** SUPPLIED BY: SCCR: **22,000 A** AFC:

SERVING: FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	(N) 202-LN-207E (1)	P	5.000	100/3	A	100/3	2.880	P	(N) 211-LN-107 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	SPACE	S	-	-	A	-	-	S	SPACE	8
9	SPACE	S	-	-	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 4.55 KVA **PHASE B=** 1.67 KVA **PHASE C=** 1.67 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
PANEL (E)202-N-1A-DP											KVA	AMP
PANEL (N) 201-LE-001A		**5.00**									**5.00** KVA	**13.88** AMP
PANEL (N) 202-LE-207E		**2.88**									**2.88** KVA	**7.99** AMP
CONNECTED LOAD		7.88									**7.88** KVA	**21.87** AMP
CALCULATED LOAD		7.88									**7.88** KVA	**21.87** AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 100A/3P BREAKER.

208/120 VOLT **3** PHASE **4** WIRE | **PANEL (N)202-LN-207E** | **100 AMP** BUS RATING **100 AMP** MAIN BREAKER

LOCATION: **207E** SUPPLIED BY: **N-1A-DP** SCCR: **22,000 A** AFC:

SERVING: **TR 207E** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**207E RACK UPS (1)**	D	5.000	20/3	A	20/1	-	S	**SPARE (2)**	2
3	-	-	-	-	B	20/1	-	S	**SPARE (2)**	4
5	-	-	-	-	C	20/1	-	S	**SPARE (2)**	6
7	**SPARE (2)**	S	-	20/1	A	-	-	S	**SPACE**	8
9	**SPARE (2)**	S	-	20/1	B	-	-	S	**SPACE**	10
11	**SPARE (2)**	S	-	20/1	C	-	-	S	**SPACE**	12
13	**SPACE**	S	-	-	A	-	-	S	**SPACE**	14
15	**SPACE**	S	-	-	B	-	-	S	**SPACE**	16
17	**SPACE**	S	-	-	C	-	-	S	**SPACE**	18
19	**SPACE**	S	-	-	A	-	-	S	**SPACE**	20
21	**SPACE**	S	-	-	B	-	-	S	**SPACE**	22
23	**SPACE**	S	-	-	C	-	-	S	**SPACE**	24
25	**SPACE**	S	-	-	A	-	-	S	**SPACE**	26
27	**SPACE**	S	-	-	B	-	-	S	**SPACE**	28
29	**SPACE**	S	-	-	C	-	-	S	**SPACE**	30

PHASE LOAD **PHASE A=** 1.67 KVA **PHASE B=** 1.67 KVA **PHASE C=** 1.67 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.00									**5.00** KVA	**13.88** AMP
CALCULATED LOAD		5.00									**5.00** KVA	**13.88** AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT **3** PHASE **4** WIRE | **PANEL (N)202-LE-207E** | **100 AMP** BUS RATING **100 AMP** MAIN BREAKER

LOCATION: **207E** SUPPLIED BY: **B238 - DP4** SCCR: **22,000 A** AFC:

SERVING: **TR 207E** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**207E RACK PDU (1)**	D	5.000	20/3	A	40/2	6.095	M	**202-IU-1 (2)**	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	30/3	5.548	M	**202-OU-1 (3)**	6
7	**207E DOOR ACCESS CONTROLS (4)**	D		20/1	A	-	-	-	-	8
9	**207E LIGHT FIXTURES (4)**	L	0.208	20/1	B	-	-	-	-	10
11	**207E RECEPTACLES (4)**	R	1.080	20/1	C	20/1	0.180	R	**ROOF CONV RECEPTACLE (4)**	12
13	**SPARE (4)**	S	-	20/1	A	20/1	-	S	**SPARE (4)**	14
15	**SPARE (4)**	S	-	20/1	B	20/1	-	S	**SPARE (4)**	16
17	**SPARE (4)**	S	-	20/1	C	-	-	S	**SPACE**	18
19	**SPACE**	S	-	-	A	-	-	S	**SPACE**	20
21	**SPACE**	S	-	-	B	-	-	S	**SPACE**	22
23	**SPACE**	S	-	-	C	-	-	S	**SPACE**	24
25	**SPACE**	S	-	-	A	-	-	S	**SPACE**	26
27	**SPACE**	S	-	-	B	-	-	S	**SPACE**	28
29	**SPACE**	S	-	-	C	-	-	S	**SPACE**	30

PHASE LOAD **PHASE A=** 6.56 KVA **PHASE B=** 6.77 KVA **PHASE C=** 4.78 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.00			0.21		11.64	1.26		6.10	**18.11** KVA	**50.27** AMP
CALCULATED LOAD		5.00			0.26		11.64	1.26		1.52	**19.69** KVA	**54.64** AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 40A/2P BREAKER.
3. PROVIDE NEW 30A/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT **3** PHASE **4** WIRE | **PANEL (N)211-LN-107** | **100 AMP** BUS RATING **100 AMP** MAIN BREAKER

LOCATION: **107** SUPPLIED BY: **202-N-1A-DP** SCCR: **22,000 A** AFC:

SERVING: **TR 107** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**101 RACK UPS (1)**	D	2.880	30/1	A	20/1	-	S	**SPARE (2)**	2
3	**SPARE (2)**	S	-	20/1	B	20/1	-	S	**SPARE (2)**	4
5	**SPARE (2)**	S	-	20/1	C	20/1	-	S	**SPARE (2)**	6
7	**SPARE (2)**	S	-	20/1	A	-	-	S	**SPACE**	8
9	**SPACE**	S	-	-	B	-	-	S	**SPACE**	10
11	**SPACE**	S	-	-	C	-	-	S	**SPACE**	12
13	**SPACE**	S	-	-	A	-	-	S	**SPACE**	14
15	**SPACE**	S	-	-	B	-	-	S	**SPACE**	16
17	**SPACE**	S	-	-	C	-	-	S	**SPACE**	18
19	**SPACE**	S	-	-	A	-	-	S	**SPACE**	20
21	**SPACE**	S	-	-	B	-	-	S	**SPACE**	22
23	**SPACE**	S	-	-	C	-	-	S	**SPACE**	24
25	**SPACE**	S	-	-	A	-	-	S	**SPACE**	26
27	**SPACE**	S	-	-	B	-	-	S	**SPACE**	28
29	**SPACE**	S	-	-	C	-	-	S	**SPACE**	30

PHASE LOAD **PHASE A=** 2.88 KVA **PHASE B=** KVA **PHASE C=** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		2.88									**2.88** KVA	**7.99** AMP
CALCULATED LOAD		2.88									**2.88** KVA	**7.99** AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT **3** PHASE **4** WIRE | **PANEL (N)211-LE-107** | **100 AMP** BUS RATING **100 AMP** MAIN BREAKER

LOCATION: **107** SUPPLIED BY: **B238 - DP4** SCCR: **22,000 A** AFC:

SERVING: **TR 107** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**101 RACK PDU (1)**	D	5.000	30/1	A	15/2	0.208	M	**211-IU-1 (2)**	2
3	**101 RECEPTACLE (4)**	R	0.360	20/1	B	-	-	-	-	4
5	**101 TE LIGHT FIXTURE (4)**	L	0.052	20/1	C	30/2	3.910	M	**211-OU-1 (3)**	6
7	**EXT CONV RECEPTACLE (4)**	R	0.180	20/1	A	-	-	-	-	8
9	**SPARE (4)**	S	-	20/1	B	15/2	0.006	M	**211-ERV-1 (2)**	10
11	**SPARE (4)**	S	-	20/1	C	-	-	-	-	12
13	**SPARE (4)**	S	-	20/1	A	20/1	-	S	**SPARE (4)**	14
15	**SPACE**	S	-	-	B	20/1	-	S	**SPARE (4)**	16
17	**SPACE**	S	-	-	C	20/1	-	S	**SPARE (4)**	18
19	**SPACE**	S	-	-	A	-	-	S	**SPACE**	20
21	**SPACE**	S	-	-	B	-	-	S	**SPACE**	22
23	**SPACE**	S	-	-	C	-	-	S	**SPACE**	24
25	**SPACE**	S	-	-	A	-	-	S	**SPACE**	26
27	**SPACE**	S	-	-	B	-	-	S	**SPACE**	28
29	**SPACE**	S	-	-	C	-	-	S	**SPACE**	30

PHASE LOAD **PHASE A=** 7.24 KVA **PHASE B=** 0.47 KVA **PHASE C=** 2.01 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.00			0.05		4.12	0.54		3.91	**9.72** KVA	**26.97** AMP
CALCULATED LOAD		5.00			0.07		4.12	0.54		0.98	**10.71** KVA	**29.72** AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 15A/2P BREAKER.
3. PROVIDE NEW 30A/2P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 202 & 211 ELECTRICAL PANEL SCHEDULES

PHASE: 100% CONSTRUCTION DOCUMENTS

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 202 & 211

APPROVED:

FLS: FULLY SPRINKLERED

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

DRAWING NUMBER: 202-EJ-002

VA FORM 08 - 6231

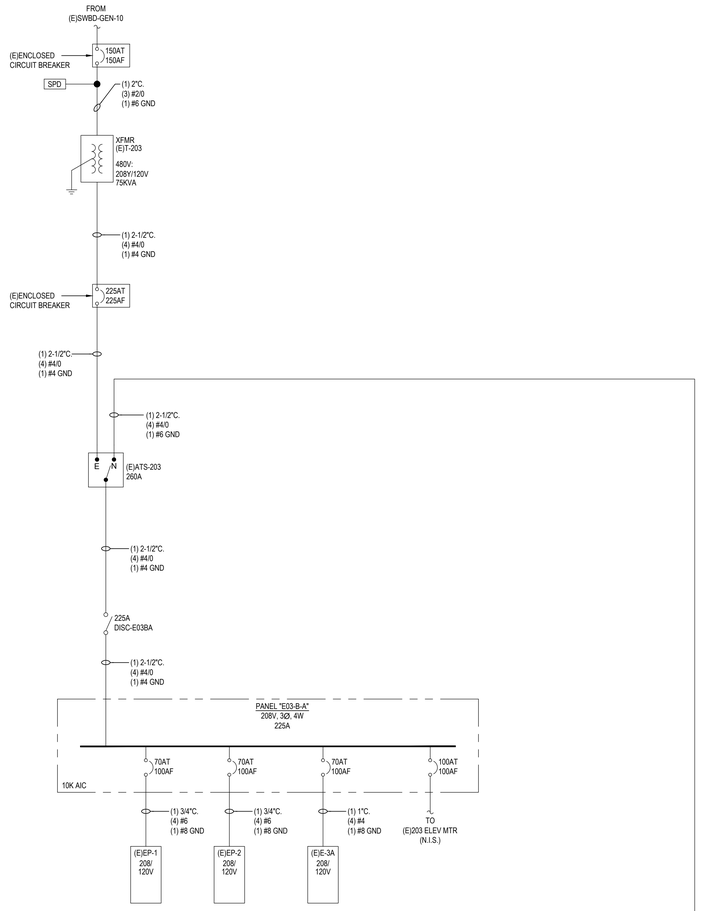
REISSUED 02-18-2026

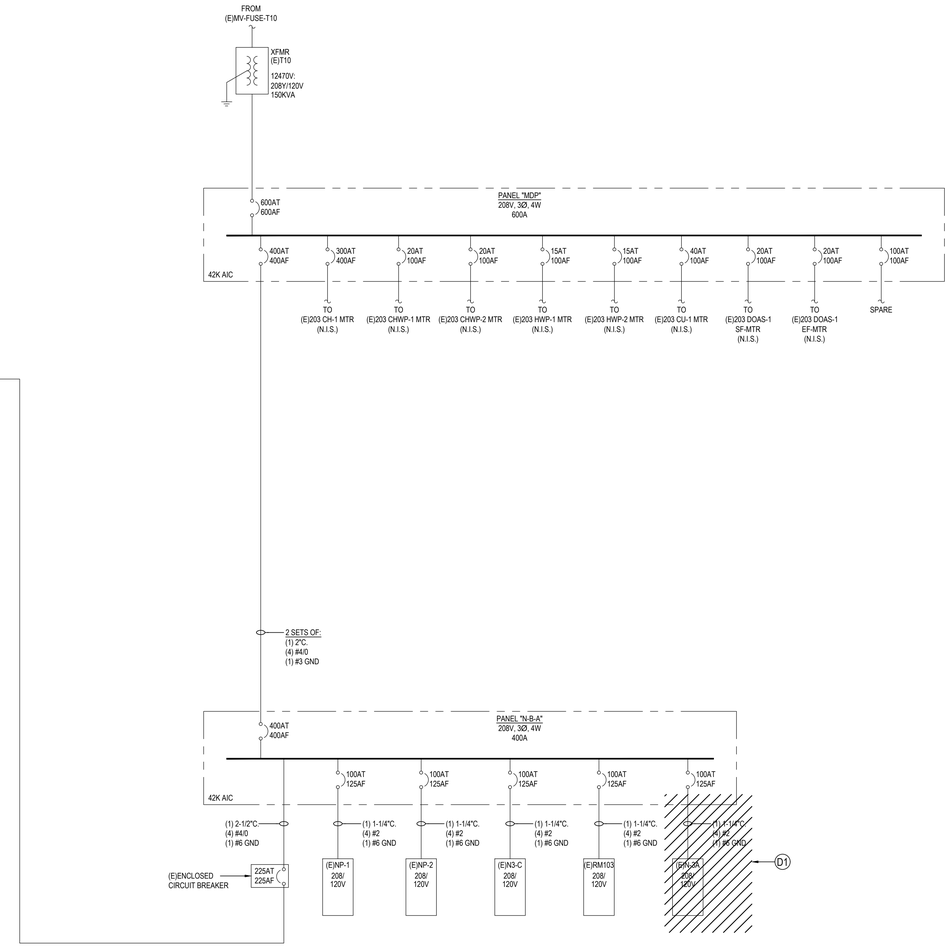
GENERAL DEMOLITION NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.

DEMOLITION PLAN NOTES

D1 EXISTING PANEL N-3A TO BE RELOCATED. TEMPORARILY REMOVE CONDUIT AND CONDUCTORS AS NECESSARY TO FACILITATE THE RELOCATION OF EXISTING PANEL N-3A.





Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	PHASE	PROJECT TITLE	PROJECT NUMBER
BLDG 203 ELECTRICAL DEMOLITION ONE-LINE DIAGRAM	100% CONSTRUCTION DOCUMENTS	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	402-22-700
			BUILDING NUMBER: 203
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 203-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

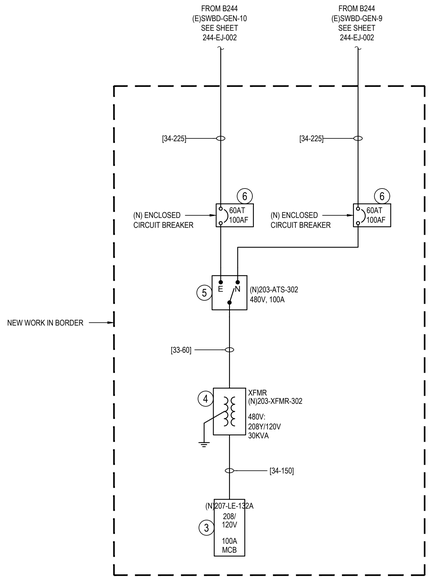
REISSUED 02-18-2026

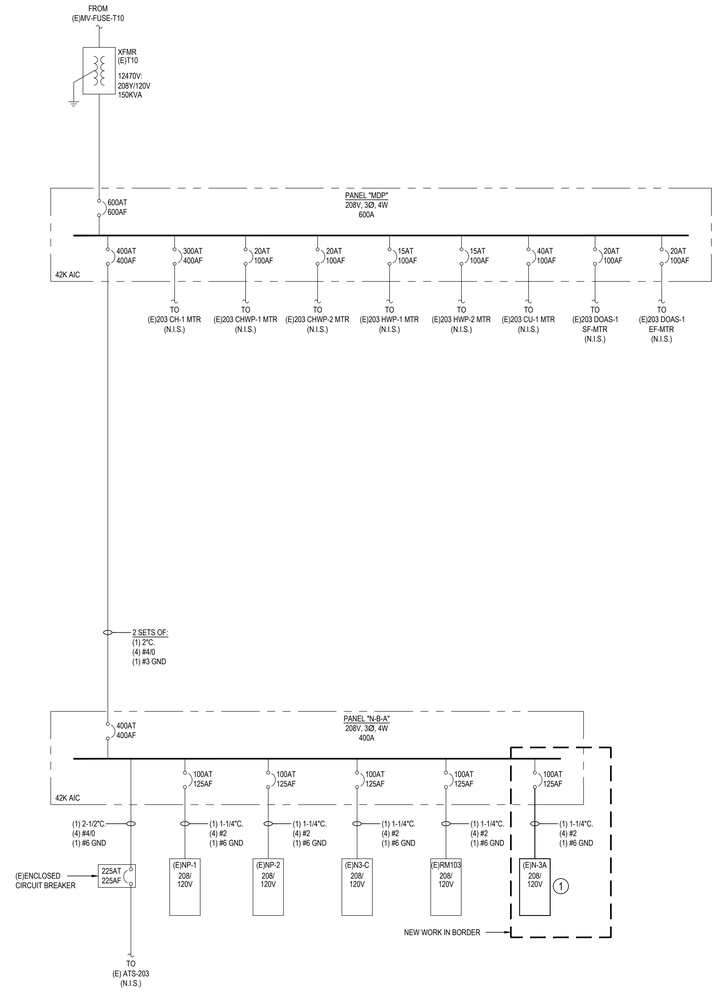
GENERAL NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. REFER TO SITE PLAN ON SHEET 000-ES-001 FOR ROUTING CONTINUATION.

PLAN NOTES

1. CONTRACTOR TO REROUTE EXISTING CONDUIT AND CONDUCTORS TO NEW LOCATION OF EXISTING PANEL N-3A. REFER TO SHEET 203-EP-031 FOR ADDITIONAL INFORMATION.
2. CONTRACTOR TO PROVIDE NEW 100A/3P CIRCUIT BREAKER IN EXISTING DISTRIBUTION PANEL.
3. CONTRACTOR TO PROVIDE NEW 208V, 100A PANELBOARD WITH 100A MAIN CIRCUIT BREAKER.
4. CONTRACTOR TO PROVIDE NEW 30KVA TRANSFORMER.
5. CONTRACTOR TO PROVIDE NEW 100A AUTOMATIC TRANSFER SWITCH.
6. PROVIDE 100AF/60AT ENCLOSED CIRCUIT BREAKER IN NEMA 1 ENCLOSURE.





TOGUS VA MEDICAL CENTER			
1-DAY DEMAND:	PANEL 203-N-3A		
VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**100 A**
	OCPD RATING:		**100 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/15/23 - 08/16/23:			**24.5 A**
POWER FACTOR: 1	DIVIDE BY:	100%	**8.83 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**11.03 KVA**
NEW LOAD ADDED			**10. KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**21.03 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**58.4 A**
EXISTING FEEDER CAPACITY IN AMPS:			**100 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 203 ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 203
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 203-EJ-002
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT **3** PHASE **4** WIRE
LOCATION: **302** SUPPLIED BY: **N-B-A**
SERVING: **TR 302**

PANEL
(E)N-3A

100 AMP MAIN LUGS ONLY
SCCR: **22,000 A** AFC:
FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**302 RACK UPS (1)**	**D**	**10.000**	**30/3**	A	-	-	S	SPACE	2
3	-	-	-	-	B	-	-	S	SPACE	4
5	-	-	-	-	C	-	-	S	SPACE	6
7	SPACE	S	-	20/1	A	-	-	S	SPACE	8
9	SPACE	S	-	20/1	B	-	-	S	SPACE	10
11	SPACE	S	-	20/1	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	FCU'S 310-304	**S**	-	20/1	C	20/1	-	**S**	FCU'S 307	18
19	EXISTING LOAD	**S**	-	20/1	A	30/2	-	S	SPARE	20
21	EXISTING LOAD	**S**	-	20/1	B	-	-	-	-	22
23	SPARE	S	-	30/2	C	30/2	-	S	SPARE	24
25	-	-	-	-	A	-	-	-	-	26
27	SPARE	S	-	30/2	B	30/2	-	S	SPARE	28
29	-	-	-	-	C	-	-	-	-	30
31	EXISTING LOAD	S	-	20/1	**A**	20/1	-	S	EXISTING LOAD	32
33	EXISTING LOAD	S	-	20/1	**B**	20/1	-	S	EXISTING LOAD	34
35	EXISTING LOAD	S	-	20/1	**C**	20/1	-	S	EXISTING LOAD	36
37	EXISTING LOAD	S	-	20/1	**A**	20/1	-	S	RM 308 & 310 REC	38
39	SPACE	S	-	-	**B**	20/1	-	S	CORR S. WALL & FOUNTAIN REC	40
41	SPACE	S	-	-	**C**	20/1	-	S	RM 306, 308, & 310 LIGHTS	42

PHASE LOAD **PHASE A=** **3.33** KVA **PHASE B=** **3.33** KVA **PHASE C=** **3.33** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00									**10.00** KVA	**27.76** AMP
CALCULATED LOAD		10.00									**10.00** KVA	**27.76** AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER. MATCH EXISTING TYPE AND MANUFACTURER.

208/120 VOLT **3** PHASE **4** WIRE
LOCATION: **302** SUPPLIED BY: **SWBD-GEN-9**
SERVING: **TR 302**

PANEL
(N)203-LE-302

100 AMP BUS RATING **100 AMP** MAIN BREAKER
SCCR: **22,000 A** AFC:
FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**302 RACK PDU (1)**	**D**	**10.000**	**30/3**	**A**	**20/2**	**1.768**	**M**	**203-IU-1 (2)**	2
3	-	-	-	-	**B**	-	-	-	-	4
5	-	-	-	-	**C**	**30/3**	**5.548**	**M**	**203-OU-1 (3)**	6
7	**302 RECEPTACLES (4)**	**R**	**0.720**	**20/1**	**A**	-	-	-	-	8
9	**302 RECEPTACLES (4)**	**R**	**0.720**	**20/1**	**B**	-	-	-	-	10
11	**302 LIGHT FIXTURES (4)**	**L**	**0.208**	**20/1**	**C**	**20/1**	**0.180**	**R**	**ROOF CONV RECEPTACLE (4)**	12
13	**302 DOOR ACCESS CONTROLS (4)**	**D**		**20/1**	**A**	**20/1**	**0.500**	**D**	**302 ACCESS CONTROL PANEL (4)**	14
15	**SPARE (4)**	**S**	-	**20/1**	**B**	**20/1**	-	**S**	**SPARE (4)**	16
17	**SPARE (4)**	**S**	-	**20/1**	**C**	**20/1**	-	**S**	**SPARE (4)**	18
19	**SPARE (4)**	**S**	-	**20/1**	**A**	-	-	**S**	**SPACE**	20
21	**SPACE**	**S**	-	-	**B**	-	-	**S**	**SPACE**	22
23	**SPACE**	**S**	-	-	**C**	-	-	**S**	**SPACE**	24
25	**SPACE**	**S**	-	-	**A**	-	-	**S**	**SPACE**	26
27	**SPACE**	**S**	-	-	**B**	-	-	**S**	**SPACE**	28
29	**SPACE**	**S**	-	-	**C**	-	-	**S**	**SPACE**	30

PHASE LOAD **PHASE A=** **7.29** KVA **PHASE B=** **6.79** KVA **PHASE C=** **5.57** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.50			0.21		7.32	1.62		5.55	**19.64** KVA	**54.53** AMP
CALCULATED LOAD		10.50			0.26		7.32	1.62		1.39	**21.08** KVA	**58.52** AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/2P BREAKER.
3. PROVIDE NEW 25A/2P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 203 ELECTRICAL PANEL SCHEDULES
APPROVED:
PHASE: 100% CONSTRUCTION DOCUMENTS
FLS: FULLY SPRINKLERED
PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
LOCATION: TOGUS VA MEDICAL CENTER
ISSUE DATE: NOVEMBER 10, 2025
CHECKED BY: MER
DRAWN BY: AJW
PROJECT NUMBER: 402-22-700
BUILDING NUMBER: 203
DRAWING NUMBER: 203-EJ-003

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

(1) CONTRACTOR TO PROVIDE NEW 208V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

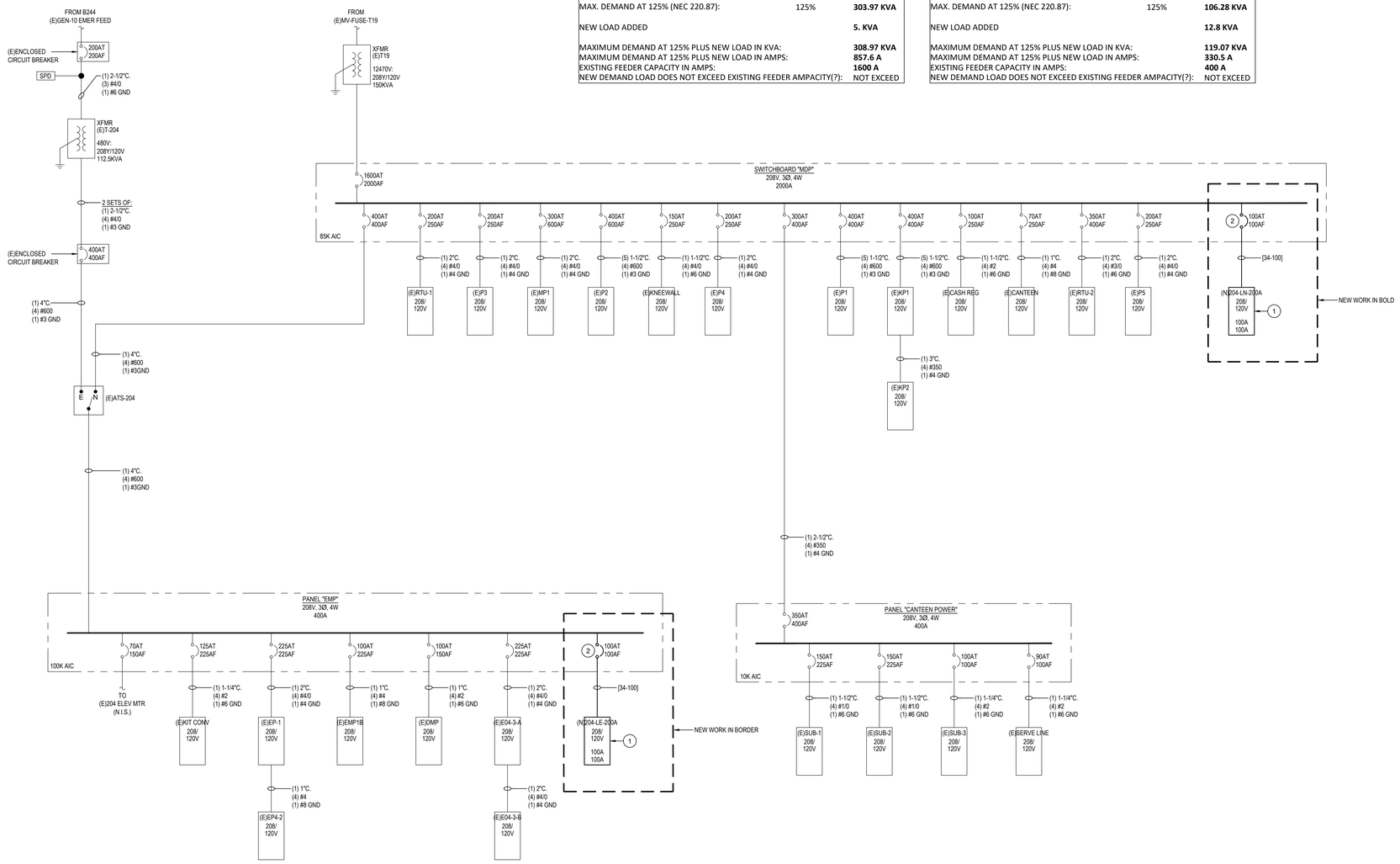
(2) CONTRACTOR TO PROVIDE NEW 100A/3P BREAKER. MATCH EXISTING TYPE AND MANUFACTURER.

TOGUS VA MEDICAL CENTER
1-DAY DEMAND: PANEL 204-MDP

VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**1600 A**
	OCPD RATING:		**1600 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/18/23 - 08/19/23:			**675. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**243.17 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**303.97 KVA**
NEW LOAD ADDED			**5. KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**308.97 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**857.6 A**
EXISTING FEEDER CAPACITY IN AMPS:			**1600 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

TOGUS VA MEDICAL CENTER
1-DAY DEMAND: PANEL 204-EMP

VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**400 A**
	OCPD RATING:		**400 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/18/23 - 08/19/23:			**236. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**85.02 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**106.28 KVA**
NEW LOAD ADDED			**12.8 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**119.07 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**330.5 A**
EXISTING FEEDER CAPACITY IN AMPS:			**400 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 204 ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 204
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 204-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT **3** PHASE **4** WIRE | **PANEL** | **100 AMP** BUS RATING **100 AMP** MAIN BREAKER

LOCATION: **200A** SUPPLIED BY: **MDP-204** **(N)204-LN-200A** SCCR: **22,000 A** AFC:

SERVING: **TR 200A** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	200A RACK UPS (1)	D	5.000	20/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	200A DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 2.17 KVA **PHASE B=** 1.67 KVA **PHASE C=** 1.67 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.50									**5.50** KVA	**15.27** AMP
CALCULATED LOAD		5.50									**5.50** KVA	**15.27** AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT **3** PHASE **4** WIRE | **PANEL** | **100 AMP** BUS RATING **100 AMP** MAIN BREAKER

LOCATION: **200A** SUPPLIED BY: **EMP** **(N)204-LE-200A** SCCR: **22,000 A** AFC:

SERVING: **TR 200A** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	200A RACK PDU (1)	D	5.000	20/3	A	20/2	1.768	M	204-IU-1 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	30/3	5.548	M	204-OU-1 (3)	6
7	200A RECEPTACLES (4)	R	0.720	20/1	A	-	-	-	-	8
9	200A RECEPTACLES (4)	R	0.720	20/1	B	-	-	-	-	10
11	200A LIGHT FIXTURES (4)	L	0.208	20/1	C	20/1	0.180	R	ROOF CONV RECEPTACLE (4)	12
13	200A DOOR ACCESS CONTROLS (4)	D		20/1	A	20/1	0.500	D	200A ACCESS CONTROL PANEL (4)	14
15	SPARE (4)	S	-	20/1	B	20/1	-	S	SPARE (4)	16
17	SPARE (4)	S	-	20/1	C	20/1	-	S	SPARE (4)	18
19	SPARE (4)	S	-	20/1	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 5.62 KVA **PHASE B=** 5.12 KVA **PHASE C=** 3.90 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.50			0.21		7.32	1.62		5.55	**14.64** KVA	**40.65** AMP
CALCULATED LOAD		5.50			0.26		7.32	1.62		1.39	**16.08** KVA	**44.64** AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/2P BREAKER.
3. PROVIDE NEW 30A/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 204 ELECTRICAL PANEL SCHEDULES

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 204

DRAWING NUMBER: **204-EJ-002**

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

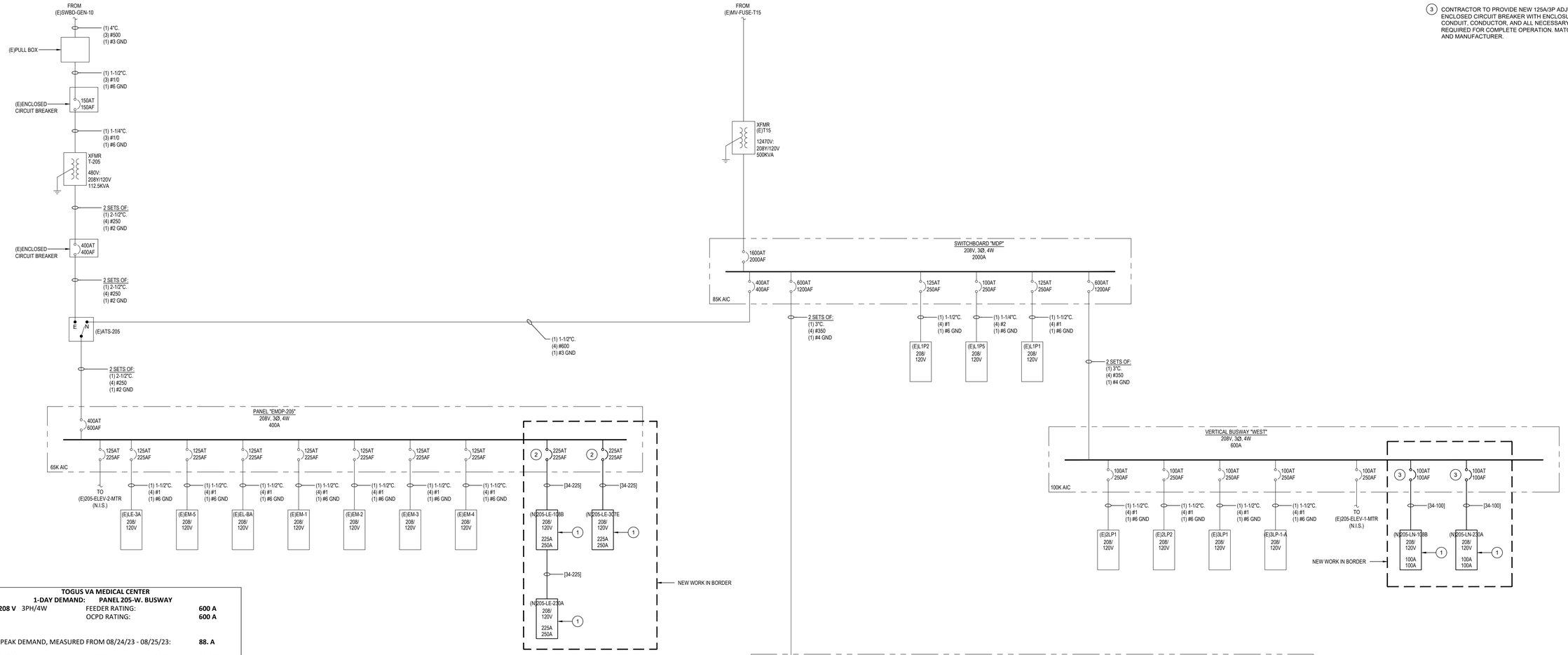
1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

(1) CONTRACTOR TO PROVIDE NEW 208V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

(2) CONTRACTOR TO USE EXISTING 225A SPARE BREAKER IN EXISTING EMDP DISTRIBUTION PANEL.

(3) CONTRACTOR TO PROVIDE NEW 125A/3P ADJUSTABLE TRIP ENCLOSED CIRCUIT BREAKER WITH ENCLOSURE. PROVIDE CONDUIT, CONDUCTOR, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION. MATCH EXISTING TYPE AND MANUFACTURER.



TOGUS VA MEDICAL CENTER
1-DAY DEMAND: PANEL 205-W. BUSWAY

VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**600 A**
	OCPD RATING:		**600 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/24/23 - 08/25/23:			**88. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**31.7 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**39.63 KVA**
NEW LOAD ADDED			**15. KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**54.63 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**151.6 A**
EXISTING FEEDER CAPACITY IN AMPS:			**600 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

TOGUS VA MEDICAL CENTER
1-DAY DEMAND: PANEL 205-E. BUSWAY

VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**600 A**
	OCPD RATING:		**600 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/24/23 - 08/25/23:			**193. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**69.53 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**86.91 KVA**
NEW LOAD ADDED			**15. KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**101.91 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**282.9 A**
EXISTING FEEDER CAPACITY IN AMPS:			**600 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

TOGUS VA MEDICAL CENTER
1-DAY DEMAND: PANEL 205-EMDP

VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**400 A**
	OCPD RATING:		**400 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/23/23 - 08/24/23:			**126. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**45.39 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**56.74 KVA**
NEW LOAD ADDED			**62. KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**118.71 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**329.5 A**
EXISTING FEEDER CAPACITY IN AMPS:			**400 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

Revisions:	Date:

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STATE OF WASHINGTON — MICHAEL EDWARD MEYER — 45739 — REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 205 ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 205
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 205-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)205-LN-108B** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 108B | SUPPLIED BY: W. BUSWAY | SCCR: 22,000 A | AFC:

SERVING: TR 108B | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	108B RACK UPS (1)	D	10.000	20/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	108B DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.50									10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50									10.50 KVA	29.15 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)205-LE-108B** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: 108B | SUPPLIED BY: EMDP-205 | SCCR: 22,000 A | AFC:

SERVING: TR 108B | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	108B RACK PDU (1)	D	10.000	20/3	A	30/3	5.548	M	205-IU-1 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	108B RECEPTACLES (3)	R	0.720	20/1	A	30/3	5.548	M	205-OU-1 (2)	8
9	108B RECEPTACLES (3)	R	0.720	20/1	B	-	-	-	-	10
11	108B LIGHT FIXTURES (3)	L	0.208	20/1	C	-	-	-	-	12
13	108B DOOR ACCESS CONTROLS (3)	D		20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	20/1	-	S	SPARE (3)	16
17	SPARE (3)	S	-	20/1	C	20/1	-	S	SPARE (3)	18
19	SPARE (3)	S	-	20/1	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 7.75 KVA PHASE B= 7.75 KVA PHASE C= 7.24 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.21		11.10	1.44		5.55	22.74 KVA	63.13 AMP
CALCULATED LOAD		10.00			0.26		11.10	1.44		1.39	24.18 KVA	67.12 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 30A/3P BREAKER.
3. PROVIDE NEW 30A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)205-LN-230A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 230A | SUPPLIED BY: W. BUSWAY | SCCR: 22,000 A | AFC:

SERVING: TR 230A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	230A RACK UPS (1)	D	5.000	20/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 1.67 KVA PHASE B= 1.67 KVA PHASE C= 1.67 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.00									5.00 KVA	13.88 AMP
CALCULATED LOAD		5.00									5.00 KVA	13.88 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)205-LE-230A** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: 230A | SUPPLIED BY: 205-LE-108B | SCCR: 22,000 A | AFC:

SERVING: TR 230A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	230A RACK PDU (1)	D	5.000	20/3	A	30/3	5.548	M	205-IU-2 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	230A RECEPTACLES (3)	R	0.720	20/1	A	30/3	5.548	M	205-OU-2 (2)	8
9	230A RECEPTACLES (3)	R	0.720	20/1	B	-	-	-	-	10
11	230A LIGHT FIXTURES (3)	L	0.208	20/1	C	-	-	-	-	12
13	230A DOOR ACCESS CONTROLS (3)	D		20/1	A	20/1	0.500	D	203A ACCESS CONTROL PANEL (3)	14
15	SPARE (3)	S	-	20/1	B	20/1	-	S	SPARE (3)	16
17	SPARE (3)	S	-	20/1	C	20/1	-	S	SPARE (3)	18
19	SPARE (3)	S	-	20/1	A	20/1	-	S	SPARE (3)	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 6.59 KVA PHASE B= 6.09 KVA PHASE C= 5.57 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.50			0.21		11.10	1.44		5.55	18.24 KVA	50.64 AMP
CALCULATED LOAD		5.50			0.26		11.10	1.44		1.39	19.68 KVA	54.63 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 30A/3P BREAKER.
3. PROVIDE NEW 30A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)205-LN-307E** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 307E | SUPPLIED BY: E. BUSWAY | SCCR: 22,000 A | AFC:

SERVING: TR 307E | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	307E RACK UPS (1)	D	15.000	60/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.00 KVA PHASE B= 5.00 KVA PHASE C= 5.00 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		15.00									15.00 KVA	41.64 AMP
CALCULATED LOAD		15.00									15.00 KVA	41.64 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 60A/3P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)205-LE-307E** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: 307E | SUPPLIED BY: EMDP-205 | SCCR: 22,000 A | AFC:

SERVING: TR 307E | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	307E RACK PDU (1)	D	15.000	60/3	A	60/3	14.374	M	205-IU-1 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	307E RECEPTACLES (2)	R	0.720	20/1	A	15/3	1.081	M	205-OU-1 (3)	8
9	307E RECEPTACLES (2)	R	0.720	20/1	B	-	-	-	-	10
11	307E LIGHT FIXTURES (2)	L	0.208	20/1	C	-	-	-	-	12
13	ROOF CONV RECEPTACLES (2)	R	0.540	20/1	A	20/1		D	307E DOOR ACCESS CONTROLS (2)	14
15	SPARE (2)	S	-	20/1	B	20/1	-	S	SPARE (2)	16
17	SPARE (2)	S	-	20/1	C	20/1	-	S	SPARE (2)	18
19	SPARE (2)	S	-	20/1	A	20/1	-	S	SPARE (2)	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 11.41 KVA PHASE B= 10.87 KVA PHASE C= 10.36 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		15.00			0.21		15.45	1.98		14.37	32.64 KVA	90.61 AMP
CALCULATED LOAD		15.00			0.26		15.45	1.98		3.59	36.29 KVA	100.73 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 60A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.
3. PROVIDE NEW 15A/3P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	PHASE	PROJECT TITLE	PROJECT NUMBER
BLDG 205 ELECTRICAL PANEL SCHEDULES	100% CONSTRUCTION DOCUMENTS	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 205
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 205-EJ-002

VA FORM 08 - 6231

REISSUED 02-18-2026

TOGUS VA MEDICAL CENTER			
1-DAY DEMAND:	PANEL 206-MSB		
VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**1200 A**
	OCPD RATING:		**1200 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/28/23 - 08/29/23:			**353. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**127.17 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**158.96 KVA**
NEW LOAD ADDED			**30.5 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**189.46 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**525.9 A**
EXISTING FEEDER CAPACITY IN AMPS:			**1200 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

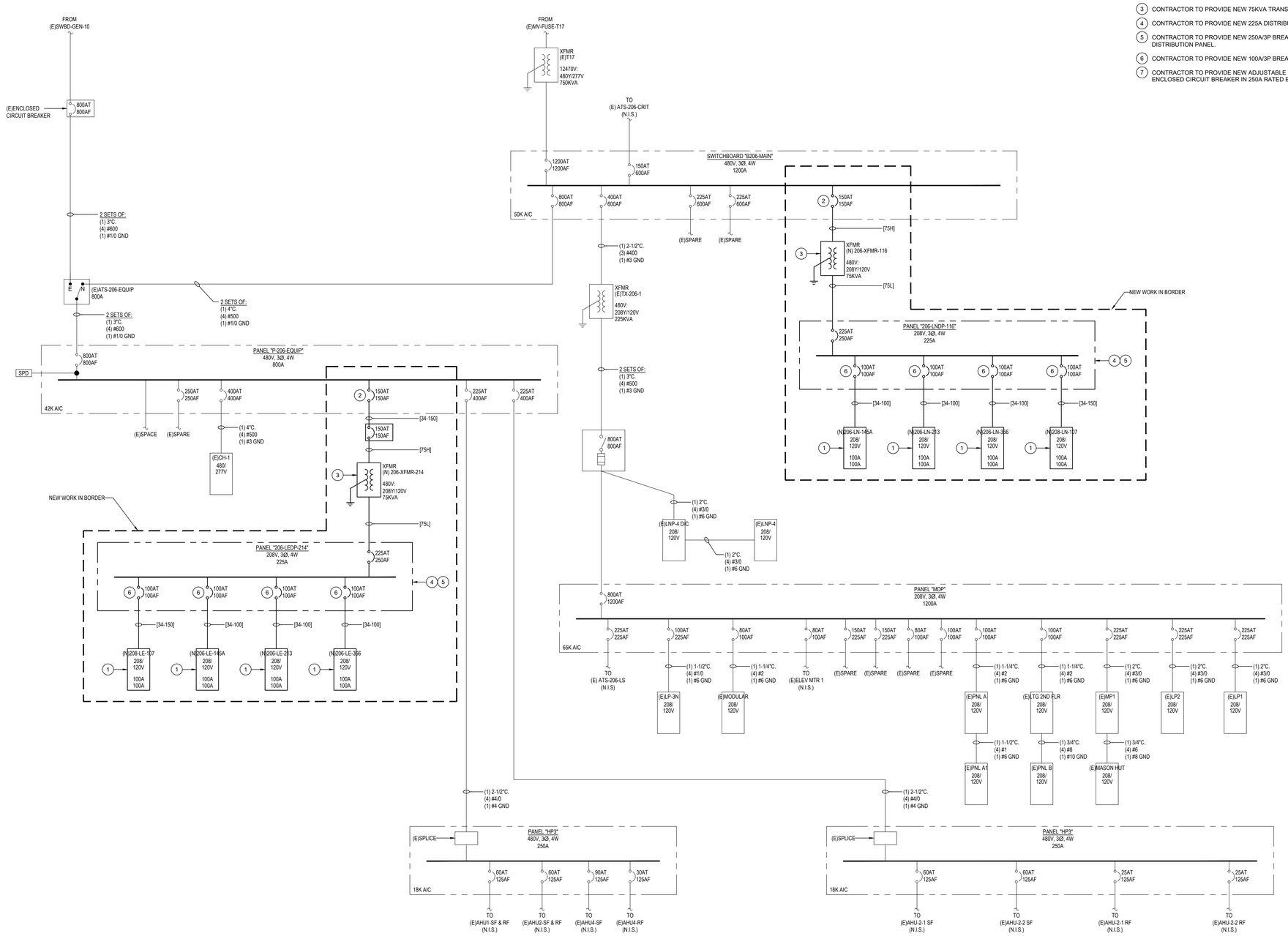
TOGUS VA MEDICAL CENTER			
1-DAY DEMAND:	PANEL P-206-EQUIP		
VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**800 A**
	OCPD RATING:		**800 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/28/23 - 08/29/23:			**275. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**99.07 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**123.84 KVA**
NEW LOAD ADDED			**71.1 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**194.89 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**541. A**
EXISTING FEEDER CAPACITY IN AMPS:			**800 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.
2. BUILDING 208 PANEL SCHEDULES ON 208-EJ-001.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 208V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
2. CONTRACTOR TO PROVIDE NEW 150A/3P BREAKER IN EXISTING SPACE. MATCH EXISTING TYPE AND MANUFACTURER.
3. CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER.
4. CONTRACTOR TO PROVIDE NEW 225A DISTRIBUTION PANEL.
5. CONTRACTOR TO PROVIDE NEW 250A/3P BREAKER IN NEW DISTRIBUTION PANEL.
6. CONTRACTOR TO PROVIDE NEW 100A/3P BREAKER.
7. CONTRACTOR TO PROVIDE NEW ADJUSTABLE TRIP 250A/3P ENCLOSED CIRCUIT BREAKER IN 250A RATED ENCLOSURE.



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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 206 ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 206
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 206-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)206-LNDP-116** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: 116 | SUPPLIED BY: B206 MAIN | SCCR: 22,000 A | AFC:

SERVING: TR 145A, 213, 366 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANEL 206-LN-145A (1)	P	10.580	100/3	A	100/3	10.500	P	PANEL 206-LN-213 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	PANEL 206-LN-366 (1)	P	5.500	100/3	A	100/3	5.500	P	PANEL 208-LN-107 (1)	8
9	-	-	-	-	B	-	-	-	-	10
11	-	-	-	-	C	-	-	-	-	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD: PHASE A=____KVA PHASE B=____KVA PHASE C=____KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
PANEL (N)206-LNDP-116											KVA	AMP
PANEL 206-LN-145A		10.58									10.58 KVA	29.37 AMP
PANEL 206-LN-213		10.50									10.50 KVA	29.15 AMP
PANEL 206-LN-366		5.50									5.50 KVA	15.27 AMP
PANEL 208-LN-107		5.50									5.50 KVA	15.27 AMP
CONNECTED LOAD		32.08									32.08 KVA	89.05 AMP
CALCULATED LOAD		32.08									32.08 KVA	89.05 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)206-LEDP-214** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: 214 | SUPPLIED BY: P-206-EQUIP | SCCR: 22,000 A | AFC:

SERVING: TR 145A, 213, 366 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANEL 206-LE-145A (1)	P	20.922	100/3	A	100/3	20.510	P	PANEL 206-LE-213 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	PANEL 206-LE-366 (1)	P	18.830	100/3	A	100/3	14.196	P	PANEL 208-LE-107 (1)	8
9	-	-	-	-	B	-	-	-	-	10
11	-	-	-	-	C	-	-	-	-	12
13	SPARE (4)	S	-	20/1	A	-	-	S	SPACE	14
15	SPARE (4)	S	-	20/1	B	-	-	S	SPACE	16
17	SPARE (4)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD: PHASE A=____KVA PHASE B=____KVA PHASE C=____KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
PANEL (N)206-LEDP-214											KVA	AMP
PANEL 206-LE-145A		10.00			0.26		8.86	1.80		5.55	20.92 KVA	58.07 AMP
PANEL 206-LE-213		10.00			0.21		8.86	1.44		5.55	20.51 KVA	56.93 AMP
PANEL 206-LE-366		5.00			0.21		11.64	1.98		6.09	18.83 KVA	52.27 AMP
PANEL 208-LE-107		5.00			0.26		7.32	1.62		5.55	14.20 KVA	39.40 AMP
CONNECTED LOAD		30.00			0.94		36.68	6.84		6.09	74.46 KVA	206.68 AMP
CALCULATED LOAD		30.00			1.17		36.68	6.84		1.52	76.22 KVA	211.56 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 100A/3P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)206-LN-145A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 145A | SUPPLIED BY: 206-LNDP-116 | SCCR: 22,000 A | AFC:

SERVING: TR 145A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	145A RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	145A DDC (2)	D	0.580	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD: PHASE A= 3.91 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.58									10.58 KVA	29.37 AMP
CALCULATED LOAD		10.58									10.58 KVA	29.37 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)206-LE-145A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 145A | SUPPLIED BY: 206-LEDP-214 | SCCR: 22,000 A | AFC:

SERVING: TR 145A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	145A RACK PDU (1)	D	10.000	30/3	A	15/3	3.314	M	206-IU-1 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	145A RECEPTACLES (3)	R	0.720	20/1	A	30/3	5.548	M	206-OU-1 (1)	8
9	145A RECEPTACLES (3)	R	1.080	20/1	B	-	-	-	-	10
11	145A LIGHT FIXTURES (3)	L	0.260	20/1	C	-	-	-	-	12
13	145A DOOR ACCESS CONTROLS (3)	D		20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	20/1	-	S	SPARE (3)	16
17	SPARE (3)	S	-	20/1	C	20/1	-	S	SPARE (3)	18
19	SPARE (3)	S	-	20/1	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD: PHASE A= 7.01 KVA PHASE B= 7.37 KVA PHASE C= 6.55 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.26		8.86	1.80		5.55	20.92 KVA	58.07 AMP
CALCULATED LOAD		10.00			0.33		8.86	1.80		1.39	22.37 KVA	62.10 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 15A/3P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)206-LN-213** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 213 | SUPPLIED BY: 206-LNDP-116 | SCCR: 22,000 A | AFC:

SERVING: TR 213 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	213 RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	213 DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD: PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.50									10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50									10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)206-LE-213** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 213 | SUPPLIED BY: 206-LEDP-214 | SCCR: 22,000 A | AFC:

SERVING: TR 213 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	213 RACK PDU (1)	D	10.000	30/3	A	15/3	3.314	M	206-IU-2 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	213 RECEPTACLES (3)	R	0.720	20/1	A	30/3	5.548	M	206-OU-2 (1)	8
9	213 RECEPTACLES (3)	R	0.720	20/1	B	-	-	-	-	10
11	213 LIGHT FIXTURES (3)	L	0.208	20/1	C	-	-	-	-	12
13	213 DOOR ACCESS CONTROLS (3)	D		20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	20/1	-	S	SPARE (3)	16
17	SPARE (3)	S	-	20/1	C	20/1	-	S	SPARE (3)	18
19	SPARE (3)	S	-	20/1	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD: PHASE A= 7.01 KVA PHASE B= 7.01 KVA PHASE C= 6.50 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.21		8.86	1.44		5.55	20.51 KVA	56.93 AMP
CALCULATED LOAD		10.00			0.26		8.86	1.44		1.39	21.95 KVA	60.93 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 15A/3P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)206-LN-366** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 366 | SUPPLIED BY: 206-LNDP-116 | SCCR: 22,000 A | AFC:

SERVING: TR 366 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	366 RACK UPS (1)	D	5.000	20/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	366 DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD: PHASE A= 2.17 KVA PHASE B= 1.67 KVA PHASE C= 1.67 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.50									5.50 KVA	15.27 AMP
CALCULATED LOAD		5.50									5.50 KVA	15.27 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)206-LE-366** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 366 | SUPPLIED BY: 206-LEDP-214 | SCCR: 22,000 A | AFC:

SERVING: TR 366 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	366 RACK PDU (1)	D	5.000	20/3	A	40/2	6.094	M	206-IU-3 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	30/3	5.548	M	206-OU-3 (3)	6
7	366 RECEPTACLES (4)	R	0.720	20/1	A	-	-	-	-	8
9	366 RECEPTACLES (4)	R	0.720	20/1	B	-	-	-	-	10
11	366 LIGHT FIXTURES (4)	L	0.208	20/1	C	20/1		D	366 DOOR ACCESS CONTROLS (4)	12
13	ROOF CONV RECEPTACLES (4)	R	0.540	20/1	A	20/1	-	S	SPARE (4)	14
15	SPARE (4)	S	-	20/1	B	20/1	-	S	SPARE (4)	16
17	SPARE (4)	S	-	20/1	C	20/1	-	S	SPARE (4)	18
19	SPARE (4)	S	-	20/1	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD: PHASE A= 7.82 KVA PHASE B= 7.28 KVA PHASE C= 3.72 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.00			0.21		11.64	1.98		6.09	18.83 KVA	52.27 AMP
CALCULATED LOAD		5.00			0.26		11.64	1.98		1.52	20.41 KVA	56.64 AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 40A/2P BREAKER.
3. PROVIDE NEW 30A/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	BLDG 206 & 208 ELECTRICAL PANEL SCHEDULES
PHASE	100% CONSTRUCTION DOCUMENTS
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER	402-22-700
BUILDING NUMBER	206 & 208
APPROVED:	
FLS	FULLY SPRINKLERED
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	NOVEMBER 10, 2025
CHECKED BY	MER
DRAWN BY	AJW
DRAWING NUMBER	206-EJ-002

VA FORM 08 - 6231

REISSUED 02-18-2026

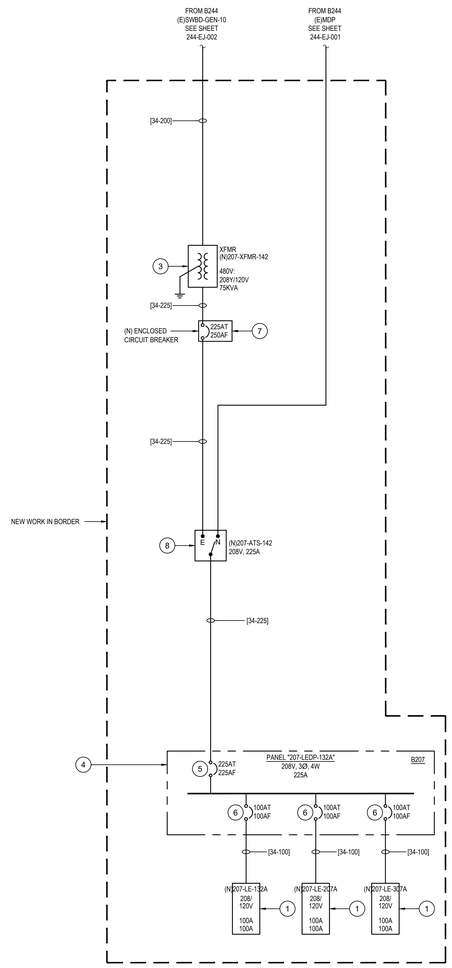
TOGUS VA MEDICAL CENTER 1-DAY DEMAND: PANEL 207-MDP-A			
VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**600 A**
	OCPD RATING:		**600 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/29/23 - 08/30/23:			**78. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**28.1 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**35.12 KVA**
NEW LOAD ADDED			**21.5 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**56.62 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**157.2 A**
EXISTING FEEDER CAPACITY IN AMPS:			**600 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

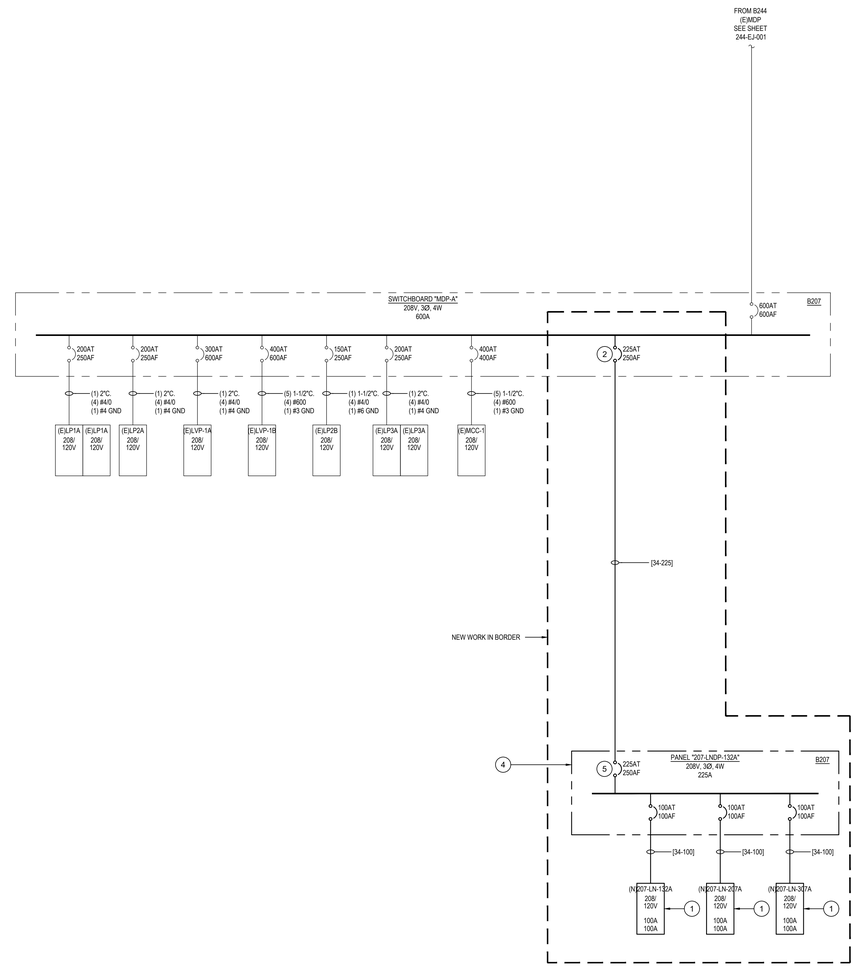
GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.
2. BUILDING 244 MDP LOAD CALCULATIONS ON 244-EJ-001.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 208V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
2. CONTRACTOR TO PROVIDE NEW 225AT/250AF CIRCUIT BREAKER IN EXISTING SPACE. MATCH EXISTING TYPE AND MANUFACTURER.
3. CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER.
4. CONTRACTOR TO PROVIDE NEW 225A DISTRIBUTION PANEL.
5. CONTRACTOR TO PROVIDE NEW 225A CIRCUIT BREAKER IN NEW DISTRIBUTION PANEL.
6. CONTRACTOR TO PROVIDE NEW 100A/3P BREAKER.
7. CONTRACTOR TO PROVIDE NEW 225AT/250AF ENCLOSED CIRCUIT BREAKER IN NEMA 1 ENCLOSURE.
8. CONTRACTOR TO PROVIDE NEW AUTOMATIC TRANSFER SWITCH.





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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 207 PARTIAL ONE-LINE DIAGRAMS	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 207
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 207-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)207-LNDP-132A** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: 132A | SUPPLIED BY: MDP-A | SCCR: 22,000 A | AFC:

SERVING: TR 132A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANEL 207-LN-132A (1)	P	10.500	100/3	A	100/3	5.500	P	PANEL 207-LN-207A (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	PANEL 207-LN-307A (1)	P	5.500	100/3	A	-	-	S	SPACE	8
9	-	-	-	-	B	-	-	S	SPACE	10
11	-	-	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A=____KVA PHASE B=____KVA PHASE C=____KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	AMP
PANEL (N)207-LNDP-132A												
PANEL (N)207-LN-132A		10.50									10.50 KVA	29.15 AMP
PANEL (N)207-LN-207A		5.50									5.50 KVA	15.27 AMP
PANEL (N)207-LN-307A		5.50									5.50 KVA	15.27 AMP
CONNECTED LOAD		21.50									21.50 KVA	59.68 AMP
CALCULATED LOAD		21.50									21.50 KVA	59.68 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 100A/3P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)207-LEDP-132A** | 225 AMP BUS RATING | 225 AMP MAIN BREAKER

LOCATION: 132A | SUPPLIED BY: SWBD-GEN-T | SCCR: 22,000 A | AFC:

SERVING: TR 132A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANEL 207-LE-132A (1)	P	21.817	100/3	A	100/3	21.010	P	PANEL 207-LE-207A (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	PANEL 207-LE-307A (1)	P	14.144	100/3	A	-	-	S	SPACE	8
9	-	-	-	-	B	-	-	S	SPACE	10
11	-	-	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A=____KVA PHASE B=____KVA PHASE C=____KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	AMP
PANEL (N)207-LEDP-132A												
PANEL (N)207-LE-132A		10.00			0.26		9.76	1.80		5.89	21.82 KVA	60.56 AMP
PANEL (N)207-LE-207A		10.50			0.21		8.86	1.44		5.55	21.01 KVA	58.32 AMP
PANEL (N)207-LE-307A		5.00			0.21		7.32	1.62		5.55	14.14 KVA	39.26 AMP
CONNECTED LOAD		25.50			0.68		25.94	4.86		5.89	56.97 KVA	158.14 AMP
CALCULATED LOAD		25.50			0.85		25.94	4.86		1.47	58.61 KVA	162.69 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 100A/3P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)207-LN-132A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 132A | SUPPLIED BY: 207-LNDP-132A | SCCR: 22,000 A | AFC:

SERVING: TR 132A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	132A RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	132A DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 3.83 KVA PHASE B= 3.33 KVA PHASE C= 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	AMP
CONNECTED LOAD		10.50									10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50									10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)207-LE-132A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 132A | SUPPLIED BY: 207-LEDP-132A | SCCR: 22,000 A | AFC:

SERVING: TR 132A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	132A RACK PDU (1)	D	10.000	30/3	A	25/2	3.871	M	207-IU-1 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	30/3	5.886	M	207-OU-1 (3)	6
7	132A RECEPTACLES (4)	R	0.720	20/1	A	-	-	-	-	8
9	132A RECEPTACLES (4)	R	1.080	20/1	B	-	-	-	-	10
11	132A LIGHT FIXTURES (4)	L	0.260	20/1	C	20/1		D	132A DOOR ACCESS CONTROLS (4)	12
13	SPARE (4)	S	-	20/1	A	20/1	-	S	SPARE (4)	14
15	SPARE (4)	S	-	20/1	B	20/1	-	S	SPARE (4)	16
17	SPARE (4)	S	-	20/1	C	20/1	-	S	SPARE (4)	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 7.95 KVA PHASE B= 8.31 KVA PHASE C= 5.56 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	AMP
CONNECTED LOAD		10.00			0.26		9.76	1.80		5.89	21.82 KVA	60.56 AMP
CALCULATED LOAD		10.00			0.33		9.76	1.80		1.47	23.35 KVA	64.82 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 25A/2P BREAKER.
3. PROVIDE NEW 30A/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)207-LN-207A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 207A | SUPPLIED BY: 207-LNDP-132A | SCCR: 22,000 A | AFC:

SERVING: TR 207A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	207A RACK UPS (1)	D	5.000	20/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	207A DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 2.17 KVA PHASE B= 1.67 KVA PHASE C= 1.67 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	AMP
CONNECTED LOAD		5.50									5.50 KVA	15.27 AMP
CALCULATED LOAD		5.50									5.50 KVA	15.27 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)207-LE-207A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 207A | SUPPLIED BY: 207-LEDP-132A | SCCR: 22,000 A | AFC:

SERVING: TR 207A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	207A RACK PDU (1)	D	10.000	30/3	A	15/3	3.314	M	207-IU-2 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	207A RECEPTACLES (4)	R	0.720	20/1	A	30/3	5.548	M	207-OU-2 (3)	8
9	207A RECEPTACLES (4)	R	0.720	20/1	B	-	-	-	-	10
11	207A LIGHT FIXTURES (4)	L	0.208	20/1	C	-	-	-	-	12
13	207A DOOR ACCESS CONTROLS (4)	D		20/1	A	20/1	0.500	D	207A ACCESS CONTROL PANEL (4)	14
15	SPARE (4)	S	-	20/1	B	20/1	-	S	SPARE (4)	16
17	SPARE (4)	S	-	20/1	C	20/1	-	S	SPARE (4)	18
19	SPARE (4)	S	-	20/1	A	20/1	-	S	SPARE (4)	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 7.51 KVA PHASE B= 7.01 KVA PHASE C= 6.50 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	AMP
CONNECTED LOAD		10.50			0.21		8.86	1.44		5.55	21.01 KVA	58.32 AMP
CALCULATED LOAD		10.50			0.26		8.86	1.44		1.39	22.45 KVA	62.31 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 25A/2P BREAKER.
3. PROVIDE NEW 30A/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)207-LN-307A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 307A | SUPPLIED BY: 207-LNDP-132A | SCCR: 22,000 A | AFC:

SERVING: TR 307A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	307A RACK UPS (1)	D	5.000	20/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	307A-DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 2.17 KVA PHASE B= 1.67 KVA PHASE C= 1.67 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	AMP
CONNECTED LOAD		5.50									5.50 KVA	15.27 AMP
CALCULATED LOAD		5.50									5.50 KVA	15.27 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE | **PANEL (N)207-LE-307A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: 307A | SUPPLIED BY: 207-LEDP-132A | SCCR: 22,000 A | AFC:

SERVING: TR 307A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	307A RACK PDU (1)	D	5.000	20/3	A	15/2	1.768	M	207-IU-3 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	30/3	5.548	M	207-OU-3 (3)	6
7	307A RECEPTACLES (4)	R	0.720	20/1	A	-	-	-	-	8
9	307A RECEPTACLES (4)	R	0.720	20/1	B	-	-	-	-	10
11	307A LIGHT FIXTURES (4)	L	0.208	20/1	C	20/1		D	307A DOOR ACCESS CONTROLS (4)	12
13	ROOF CONV RECEPTACLES (4)	R	0.180	20/1	A	20/1	-	S	SPARE (4)	14
15	SPARE (4)	S	-	20/1	B	20/1	-	S	SPARE (4)	16
17	SPARE (4)	S	-	20/1	C	20/1	-	S	SPARE (4)	18
19	SPARE (4)	S	-	20/1	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.30 KVA PHASE B= 5.12 KVA PHASE C= 3.72 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	AMP
CONNECTED LOAD		5.00			0.21		7.32	1.62		5.55	14.14 KVA	39.26 AMP
CALCULATED LOAD		5.00			0.26		7.32	1.62		1.39	15.58 KVA	43.25 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 15A/2P BREAKER.
3. PROVIDE NEW 25A/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	PHASE	PROJECT TITLE	PROJECT NUMBER
BLDG 207 ELECTRICAL PANEL SCHEDULES	100% CONSTRUCTION DOCUMENTS	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 207
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 207-EJ-002

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT **3** PHASE **4** WIRE — **PANEL (N)209-LN-123A** — **100 AMP** BUS RATING **100 AMP** MAIN BREAKER

LOCATION: **123A** SUPPLIED BY: **200-LNDP-121** SCCR: **22,000 A** AFC:

SERVING: **TR 123A** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	123A RACK UPS (1)	D	10.000	30/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	123A DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 3.83 KVA **PHASE B=** 3.33 KVA **PHASE C=** 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.50									10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50									10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT **3** PHASE **4** WIRE — **PANEL (N)209-LE-123A** — **225 AMP** BUS RATING **225 AMP** MAIN BREAKER

LOCATION: **123A** SUPPLIED BY: **200-LEDP-151** SCCR: **22,000 A** AFC:

SERVING: **TR 123A** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	123A RACK PDU (1)	D	10.000	30/3	A	15/3	3.314	M	209-IU-1 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	123A RECEPTACLES (3)	R	0.720	20/1	A	30/3	5.548	M	209-OU-1 (1)	8
9	123A RECEPTACLES (3)	R	0.720	20/1	B	-	-	-	-	10
11	123A LIGHT FIXTURES (3)	L	0.260	20/1	C	-	-	-	-	12
13	123A DOOR ACCESS CONTROLS (3)	D		20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	20/1	-	S	SPARE (3)	16
17	SPARE (3)	S	-	20/1	C	20/1	-	S	SPARE (3)	18
19	SPARE (3)	S	-	20/1	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 7.01 KVA **PHASE B=** 7.01 KVA **PHASE C=** 6.55 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.26		8.86	1.44		5.55	20.56 KVA	57.08 AMP
CALCULATED LOAD		10.00			0.33		8.86	1.44		1.39	22.01 KVA	61.11 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 15A/3P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT **3** PHASE **4** WIRE — **PANEL (N)209-LN-203B** — **100 AMP** BUS RATING **100 AMP** MAIN BREAKER

LOCATION: **203B** SUPPLIED BY: **209-LN-123A** SCCR: **22,000 A** AFC:

SERVING: **TR 203B** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	203B RACK UPS (1)	D	10.000	20/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	203B DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 3.83 KVA **PHASE B=** 3.33 KVA **PHASE C=** 3.33 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.50									10.50 KVA	29.15 AMP
CALCULATED LOAD		10.50									10.50 KVA	29.15 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT **3** PHASE **4** WIRE — **PANEL (N)209-LE-203B** — **225 AMP** BUS RATING **225 AMP** MAIN BREAKER

LOCATION: **203B** SUPPLIED BY: **209-LE-123A** SCCR: **22,000 A** AFC:

SERVING: **TR 203B** FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	203B RACK PDU (1)	D	10.000	30/3	A	30/3	5.548	M	209-IU-2 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	203B RECEPTACLES (2)	R	1.080	20/1	A	30/3	5.548	M	209-OU-2 (1)	8
9	203B RECEPTACLES (2)	R	0.720	20/1	B	-	-	-	-	10
11	203B LIGHT FIXTURES (2)	L	0.208	20/1	C	-	-	-	-	12
13	ROOF CONV RECEPTACLE (2)	R	0.180	20/1	A	20/1		D	203B DOOR ACCESS CONTROLS (2)	14
15	SPARE (2)	S	-	20/1	B	20/1	-	S	SPARE (2)	16
17	SPARE (2)	S	-	20/1	C	20/1	-	S	SPARE (2)	18
19	SPARE (2)	S	-	20/1	A	20/1	-	S	SPARE (2)	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 8.29 KVA **PHASE B=** 7.75 KVA **PHASE C=** 7.24 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		10.00			0.21		11.10	1.98		5.55	23.28 KVA	64.63 AMP
CALCULATED LOAD		10.00			0.26		11.10	1.98		1.39	24.72 KVA	68.62 AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 209 ELECTRICAL PANEL SCHEDULES

PHASE: 100% CONSTRUCTION DOCUMENTS

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 209

APPROVED:

FLS: FULLY SPRINKLERED

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

DRAWING NUMBER: 209-EJ-002

VA FORM 08 - 6231

REISSUED 02-18-2026

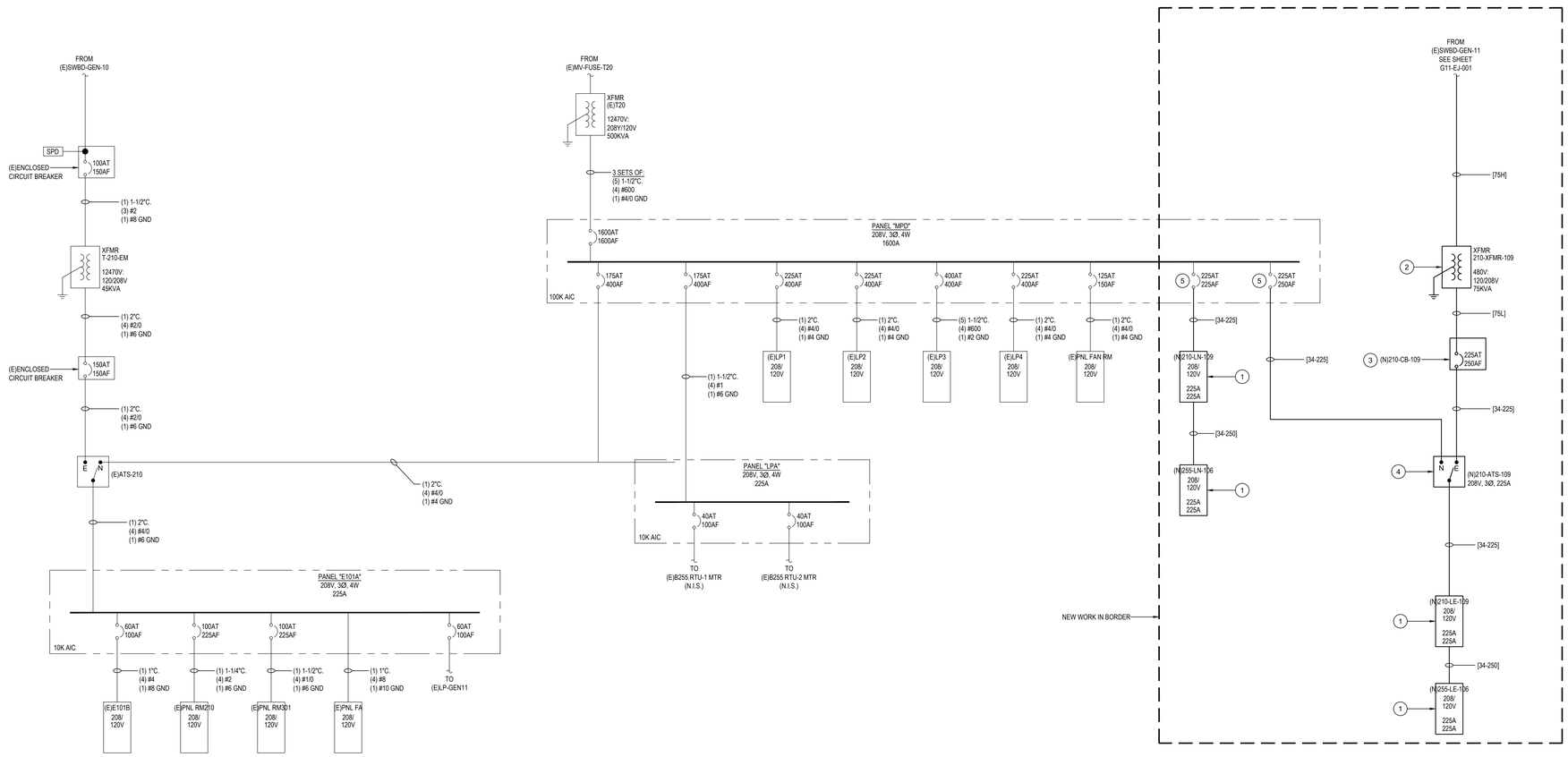
TOGUS VA MEDICAL CENTER			
1-DAY DEMAND:	PANEL 210-MPD		
VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**1600 A**
	OCPD RATING:		**1600 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/14/23 - 08/15/23:			**86. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**30.98 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**38.73 KVA**
NEW LOAD ADDED			**35.6 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**74.28 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**206.2 A**
EXISTING FEEDER CAPACITY IN AMPS:			**1600 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 208V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
2. CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER.
3. CONTRACTOR TO PROVIDE NEW 250A/3P ENCLOSED CIRCUIT BREAKER IN 250A RATED ENCLOSURE.
4. CONTRACTOR TO PROVIDE NEW AUTOMATIC TRANSFER SWITCH.
5. USE EXISTING 225A/3P SPARE BREAKER.



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 210 & 255 ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 210 & 255
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: **210-EJ-001**

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT **3** PHASE **4** WIRE
LOCATION: **109** SUPPLIED BY: **210-MPD**
SERVING: **TR 109**

PANEL
(N)210-LN-109

225 AMP BUS RATING **225 AMP** MAIN BREAKER
SCCR: **22,000 A** AFC:
FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	109 RACK UPS (1)	D	5.000	20/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	109 DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 2.17 KVA **PHASE B=** 1.67 KVA **PHASE C=** 1.67 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.50									5.50 KVA	15.27 AMP
CALCULATED LOAD		5.50									5.50 KVA	15.27 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT **3** PHASE **4** WIRE
LOCATION: **109** SUPPLIED BY: **210-MPD**
SERVING: **TR 109**

PANEL
(N)210-LE-109

225 AMP BUS RATING **225 AMP** MAIN BREAKER
SCCR: **22,000 A** AFC:
FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	109 RACK PDU (1)	D	5.000	30/3	A	40/2	6.094	M	210-IU-1 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	30/3	5.548	M	210-OU-1 (1)	6
7	109 RECEPTACLES (3)	R	0.720	20/1	A	-	-	-	-	8
9	109 RECEPTACLES (3)	R	0.720	20/1	B	-	-	-	-	10
11	109 LIGHT FIXTURES (3)	L	0.260	20/1	C	20/1		D	109 DOOR ACCESS CONTROLS (3)	12
13	EXT CONV RECEPTACLE (3)	R	0.180	20/1	A	20/1	0.500	D	109 ACCESS CONTROL PANEL (3)	14
15	SPARE (3)	S	-	20/1	B	20/1	-	S	SPARE (3)	16
17	SPARE (3)	S	-	20/1	C	20/1	-	S	SPARE (3)	18
19	SPARE (3)	S	-	20/1	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 7.96 KVA **PHASE B=** 7.28 KVA **PHASE C=** 3.78 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.50			0.26		11.64	1.62		6.09	19.02 KVA	52.80 AMP
CALCULATED LOAD		5.50			0.33		11.64	1.62		1.52	20.61 KVA	57.21 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 30A/3P BREAKER.
2. PROVIDE NEW 40A/2P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT **3** PHASE **4** WIRE
LOCATION: **106** SUPPLIED BY: **210-LN-109**
SERVING: **TR 106**

PANEL
(N)255-LN-106

225 AMP BUS RATING **225 AMP** MAIN BREAKER
SCCR: **22,000 A** AFC:
FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	106 TE UPS (1)	D	2.880	30/1	A	20/1	-	S	SPARE (2)	2
3	106 DDC (2)	D	0.500	20/1	B	20/1	-	S	SPARE (2)	4
5	SPARE (2)	S	-	20/1	C	20/1	-	S	SPARE (2)	6
7	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 2.88 KVA **PHASE B=** 0.50 KVA **PHASE C=** _____ KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		3.38									3.38 KVA	9.38 AMP
CALCULATED LOAD		3.38									3.38 KVA	9.38 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT **3** PHASE **4** WIRE
LOCATION: **106** SUPPLIED BY: **210-LE-109**
SERVING: **TR 106**

PANEL
(N)255-LE-106

225 AMP BUS RATING **225 AMP** MAIN BREAKER
SCCR: **22,000 A** AFC:
FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	106 TE PDU (1)	D	2.880	30/1	A	15/2	1.747	M	255-IU-1 (2)	2
3	106 RECEPTACLES (4)	R	0.720	20/1	B	-	-	-	-	4
5	106 LIGHT FIXTURES (4)	L	0.052	20/1	C	25/3	4.827	M	255-OU-1 (3)	6
7	ROOF CONV RECEPTACLE (4)	R	0.180	20/1	A	-	-	-	-	8
9	106 DOOR ACCESS CONTROLS (4)	D		20/1	B	-	-	-	-	10
11	106 ACCESS CONTROL PANEL (4)	D	0.500	20/1	C	20/1	-	S	SPARE (4)	12
13	SPARE (4)	S	-	20/1	A	20/1	-	S	SPARE (4)	14
15	SPARE (4)	S	-	20/1	B	20/1	-	S	SPARE (4)	16
17	SPARE (4)	S	-	20/1	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** 5.54 KVA **PHASE B=** 3.20 KVA **PHASE C=** 2.16 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		3.38			0.05		6.57	0.90		4.83	10.91 KVA	30.27 AMP
CALCULATED LOAD		3.38			0.07		6.57	0.90		1.21	12.13 KVA	33.66 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 15A/2P BREAKER.
3. PROVIDE NEW 25A/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 210 & 255 ELECTRICAL PANEL SCHEDULES
APPROVED:
PHASE: 100% CONSTRUCTION DOCUMENTS
FLS: FULLY SPRINKLERED
PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
LOCATION: TOGUS VA MEDICAL CENTER
ISSUE DATE: NOVEMBER 10, 2025
CHECKED BY: MER
DRAWN BY: AJW
PROJECT NUMBER: 402-22-700
BUILDING NUMBER: 210 & 255
DRAWING NUMBER: 210-EJ-002

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT **3** PHASE **4** WIRE

LOCATION: **3** SUPPLIED BY:

SERVING:

PANEL (E)PANEL B

225 AMP BUS RATING **225 AMP** MAIN BREAKER

SCCR: **22,000 A** AFC:

FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	SPARE	S	-	70/2	A	30/2	-	S	SPARE	2
3	-	-	-	-	B	-	-	-	-	4
5	SPARE	S	-	70/2	C	70/2	-	S	SPARE	6
7	-	-	-	-	A	-	-	-	-	8
9	SPARE	S	-	70/2	B	70/2	-	S	SPARE	10
11	-	-	-	-	C	-	-	-	-	12
13	SPARE	S	-	30/2	A	20/1	1.500	D	EXISTING LOAD	14
15	-	-	-	-	B	20/1	1.500	D	EXISTING LOAD	16
17	**100F RACK UPS (1)**	**D**	**5.000**	**30/3**	C	20/1	1.500	D	EXISTING LOAD	18
19	-	-	-	-	A	20/3	-	S	SPARE	20
21	-	-	-	-	B	-	-	-	-	22
23	SPACE	S	-	-	C	-	-	-	-	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** **3.17** KVA **PHASE B=** **3.17** KVA **PHASE C=** **3.17** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		9.50									**9.50** KVA	**26.37** AMP
CALCULATED LOAD		9.50									**9.50** KVA	**26.37** AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT **3** PHASE **4** WIRE

LOCATION: **100F** SUPPLIED BY: **B238 - DP4**

SERVING: **TE 100F**

PANEL (N)212-LE-100F

100 AMP BUS RATING **100 AMP** MAIN BREAKER

SCCR: **22,000 A** AFC:

FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**100F RACK PDU (1)**	**D**	**5.000**	**20/3**	**A**	**20/2**	**2.413**	**M**	**212-CRAC-1 (2)**	2
3	-	-	-	-	**B**	-	-	-	-	4
5	-	-	-	-	**C**	**25/2**	**2.517**	**M**	**212-CU-1 (3)**	6
7	**100F RECEPTACLES (4)**	**R**	**1.080**	**20/1**	**A**	-	-	-	-	8
9	**100F LIGHT FIXTURES (4)**	**L**	**0.052**	**20/1**	**B**	**20/1**	-	**S**	**SPARE (4)**	10
11	**100F DDC (4)**	**D**	**0.500**	**20/1**	**C**	**20/1**	-	**S**	**SPARE (4)**	12
13	**EXT CONV RECEPTACLE (4)**	**R**	**0.180**	**20/1**	**A**	**20/1**	-	**S**	**SPARE (4)**	14
15	**SPARE (4)**	**S**	-	**20/1**	**B**	-	-	**S**	**SPACE**	16
17	**SPARE (4)**	**S**	-	**20/1**	**C**	-	-	**S**	**SPACE**	18
19	**SPARE (4)**	**S**	-	**20/1**	**A**	-	-	**S**	**SPACE**	20
21	**SPACE**	**S**	-	-	**B**	-	-	**S**	**SPACE**	22
23	**SPACE**	**S**	-	-	**C**	-	-	**S**	**SPACE**	24
25	**SPACE**	**S**	-	-	**A**	-	-	**S**	**SPACE**	26
27	**SPACE**	**S**	-	-	**B**	-	-	**S**	**SPACE**	28
29	**SPACE**	**S**	-	-	**C**	-	-	**S**	**SPACE**	30

PHASE LOAD **PHASE A=** **5.39** KVA **PHASE B=** **2.93** KVA **PHASE C=** **3.43** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.50			0.05		4.93	1.26		2.52	**11.74** KVA	**32.59** AMP
CALCULATED LOAD		5.50			0.07		4.93	1.26		0.63	**12.38** KVA	**34.38** AMP

NOTES: NEW WORK IN BOLD

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 20A/2P BREAKER.
3. PROVIDE NEW 25A/2P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 212 ELECTRICAL PANEL SCHEDULES

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 CHECKED BY: MER DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 212

DRAWING NUMBER: 212-EJ-001

VA FORM 08 - 6231

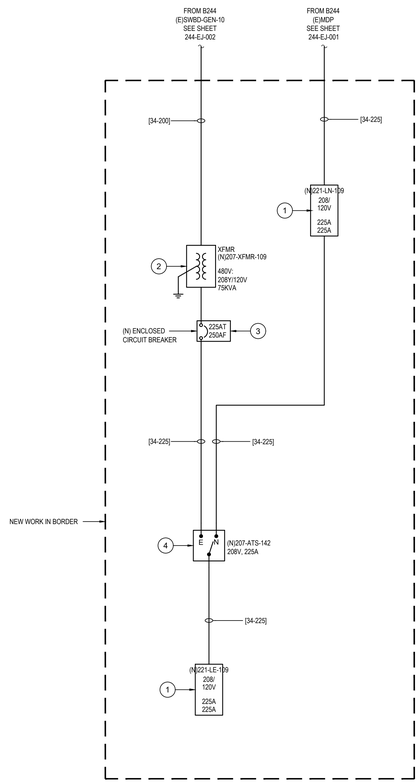
REISSUED 02-18-2026

GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 208V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
2. CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER.
3. CONTRACTOR TO PROVIDE NEW 225AT/250AF ENCLOSED CIRCUIT BREAKER IN NEMA 1 ENCLOSURE.
4. CONTRACTOR TO PROVIDE NEW AUTOMATIC TRANSFER SWITCH.



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 221 PARTIAL ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 221
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 221-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT **3** PHASE **4** WIRE

LOCATION: **109** SUPPLIED BY: **BLDG 244 MDP**

SERVING: **TR 109**

PANEL

(N)221-LN-109

225 AMP BUS RATING **225 AMP** MAIN BREAKER

SCCR: **22,000 A** AFC:

FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**109 RACK UPS (1)**	**D**	**5.000**	**20/3**	**A**	**20/1**	-	**S**	**SPARE (2)**	**2**
3	-	-	-	-	**B**	**20/1**	-	**S**	**SPARE (2)**	**4**
5	-	-	-	-	**C**	**20/1**	-	**S**	**SPARE (2)**	**6**
7	**109 DDC (2)**	**D**	**0.500**	**20/1**	**A**	-	-	**S**	**SPACE**	**8**
9	**SPARE (2)**	**S**	-	**20/1**	**B**	-	-	**S**	**SPACE**	**10**
11	**SPARE (2)**	**S**	-	**20/1**	**C**	-	-	**S**	**SPACE**	**12**
13	**SPARE (2)**	**S**	-	**20/1**	**A**	-	-	**S**	**SPACE**	**14**
15	**SPACE**	**S**	-	-	**B**	-	-	**S**	**SPACE**	**16**
17	**SPACE**	**S**	-	-	**C**	-	-	**S**	**SPACE**	**18**
19	**SPACE**	**S**	-	-	**A**	-	-	**S**	**SPACE**	**20**
21	**SPACE**	**S**	-	-	**B**	-	-	**S**	**SPACE**	**22**
23	**SPACE**	**S**	-	-	**C**	-	-	**S**	**SPACE**	**24**
25	**SPACE**	**S**	-	-	**A**	-	-	**S**	**SPACE**	**26**
27	**SPACE**	**S**	-	-	**B**	-	-	**S**	**SPACE**	**28**
29	**SPACE**	**S**	-	-	**C**	-	-	**S**	**SPACE**	**30**

PHASE LOAD **PHASE A=** **10.49** KVA **PHASE B=** **8.28** KVA **PHASE C=** **5.68** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
PANEL (N)221-LN-109		5.50									**5.50** KVA	**15.27** AMP
PANEL (N)221-LE-109		6.00			0.05		11.64	1.26		6.09	**18.95** KVA	**52.61** AMP
CONNECTED LOAD		11.50			0.05		11.64	1.26		6.09	**24.45** KVA	**67.88** AMP
CALCULATED LOAD		11.50			0.07		11.64	1.26		1.52	**25.99** KVA	**72.14** AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT **3** PHASE **4** WIRE

LOCATION: **109** SUPPLIED BY: **221-ATS-109**

SERVING: **TR 109**

PANEL

(N)221-LE-109

225 AMP BUS RATING **225 AMP** MAIN BREAKER

SCCR: **22,000 A** AFC:

FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**109 RACK PDU (1)**	**D**	**5.000**	**20/3**	**A**	**40/2**	**6.094**	**M**	**221-IU-1 (2)**	**2**
3	-	-	-	-	**B**	-	-	-	-	**4**
5	-	-	-	-	**C**	**30/3**	**5.548**	**M**	**221-OU-1 (3)**	**6**
7	**109 RECEPTACLES (4)**	**R**	**1.080**	**20/1**	**A**	-	-	-	-	**8**
9	**109 LIGHT FIXTURES (4)**	**L**	**0.052**	**20/1**	**B**	-	-	-	-	**10**
11	**109 DDC (4)**	**D**	**0.500**	**20/1**	**C**	**20/1**		**D**	**109 DOOR ACCESS CONTROLS (4)**	**12**
13	**EXT CONV RECEPTACLE (4)**	**R**	**0.180**	**20/1**	**A**	**20/1**	**0.500**	**D**	**109 ACCESS CONTROL PANEL (4)**	**14**
15	**SPARE (4)**	**S**	-	**20/1**	**B**	**20/1**	-	**S**	**SPARE (4)**	**16**
17	**SPARE (4)**	**S**	-	**20/1**	**C**	**20/1**	-	**S**	**SPARE (4)**	**18**
19	**SPARE (4)**	**S**	-	**20/1**	**A**	**20/1**	-	**S**	**SPARE (4)**	**20**
21	**SPACE**	**S**	-	-	**B**	-	-	**S**	**SPACE**	**22**
23	**SPACE**	**S**	-	-	**C**	-	-	**S**	**SPACE**	**24**
25	**SPACE**	**S**	-	-	**A**	-	-	**S**	**SPACE**	**26**
27	**SPACE**	**S**	-	-	**B**	-	-	**S**	**SPACE**	**28**
29	**SPACE**	**S**	-	-	**C**	-	-	**S**	**SPACE**	**30**

PHASE LOAD **PHASE A=** **8.32** KVA **PHASE B=** **6.62** KVA **PHASE C=** **4.02** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		6.00			0.05		11.64	1.26		6.09	**18.95** KVA	**52.61** AMP
CALCULATED LOAD		6.00			0.07		11.64	1.26		1.52	**20.49** KVA	**56.88** AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 40A/2P BREAKER.
3. PROVIDE NEW 30A/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 221 ELECTRICAL PANEL SCHEDULES

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025

CHECKED BY: MER

DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 221

DRAWING NUMBER: **221-EJ-002**

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

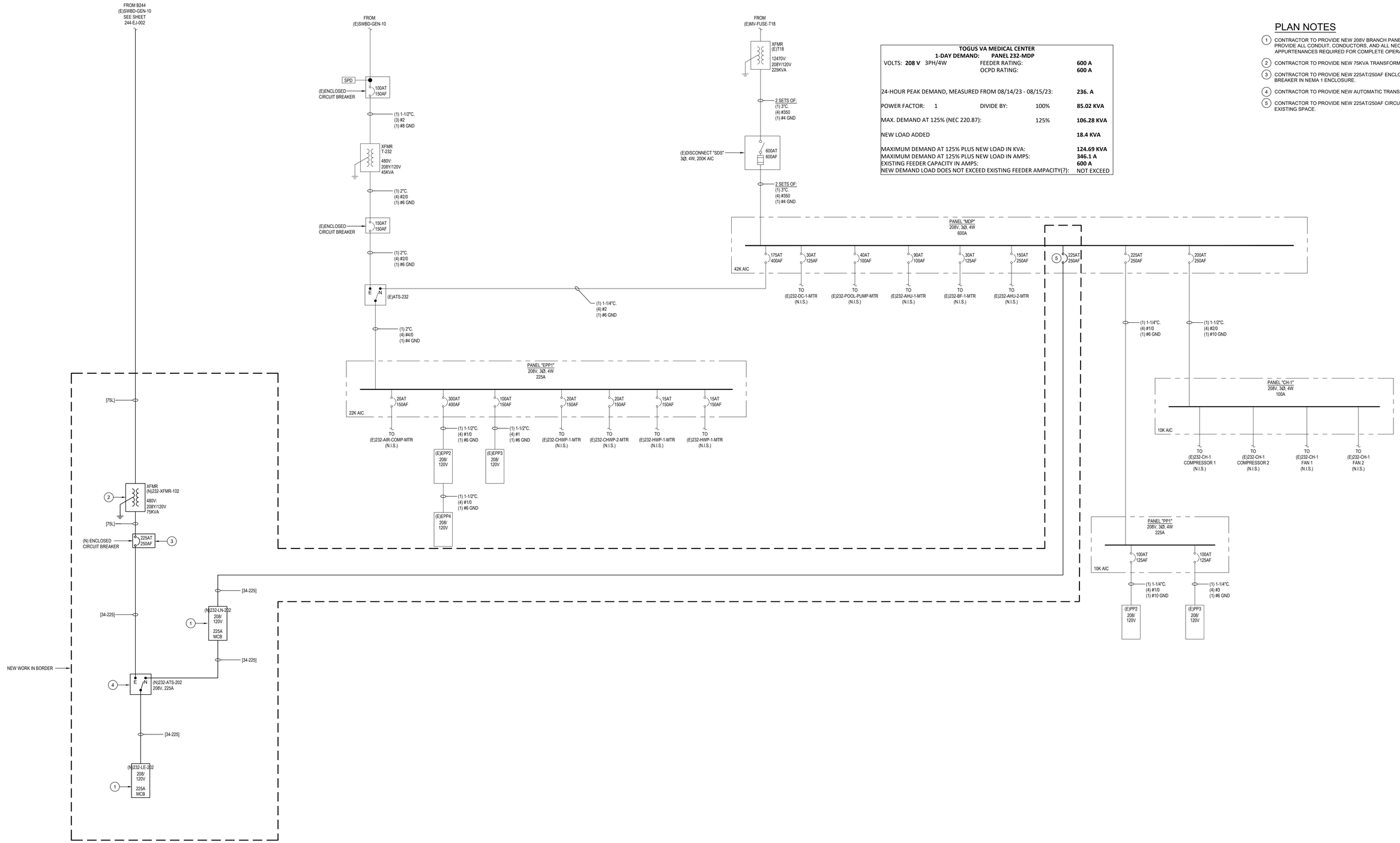
1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 208V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
2. CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER.
3. CONTRACTOR TO PROVIDE NEW 225AT/250AF ENCLOSED CIRCUIT BREAKER IN NEMA 1 ENCLOSURE.
4. CONTRACTOR TO PROVIDE NEW AUTOMATIC TRANSFER SWITCH.
5. CONTRACTOR TO PROVIDE NEW 225AT/250AF CIRCUIT BREAKER IN EXISTING SPACE.

TOGUS VA MEDICAL CENTER
1-DAY DEMAND: PANEL 232-MDP

VOLTS: **208 V** 3PH/4W		FEEDER RATING:	**600 A**
		OCPD RATING:	**600 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/14/23 - 08/15/23:			**236. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**85.02 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**106.28 KVA**
NEW LOAD ADDED			**18.4 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**124.69 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**346.1 A**
EXISTING FEEDER CAPACITY IN AMPS:			**600 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED



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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 232 ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 232
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: 232-EJ-001

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT **3** PHASE **4** WIRE

LOCATION: **202** SUPPLIED BY: **BLDG 244 MDP**

SERVING: **TR 202**

PANEL

(N)232-LN-202

225 AMP BUS RATING **225 AMP** MAIN BREAKER

SCCR: **22,000 A** AFC:

FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	202 RACK UPS (1)	D	5.000	20/3	A	20/1	-	S	SPARE (2)	2
3	-	-	-	-	B	20/1	-	S	SPARE (2)	4
5	-	-	-	-	C	20/1	-	S	SPARE (2)	6
7	202 DDC (2)	D	0.500	20/1	A	-	-	S	SPACE	8
9	SPARE (2)	S	-	20/1	B	-	-	S	SPACE	10
11	SPARE (2)	S	-	20/1	C	-	-	S	SPACE	12
13	SPARE (2)	S	-	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** **9.41** KVA **PHASE B=** **8.44** KVA **PHASE C=** **6.26** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
PANEL (N)232-LN-202		5.50									**5.50** KVA	**15.27** AMP
PANEL (N)221-LE-202		5.50			0.21		11.64	1.26		6.09	**18.61** KVA	**51.66** AMP
CONNECTED LOAD		11.00			0.21		11.64	1.26		6.09	**24.11** KVA	**66.92** AMP
CALCULATED LOAD		11.00			0.26		11.64	1.26		1.52	**25.69** KVA	**71.30** AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT **3** PHASE **4** WIRE

LOCATION: **202** SUPPLIED BY: **232-ATS-202**

SERVING: **TR 202**

PANEL

(N)232-LE-202

225 AMP BUS RATING **225 AMP** MAIN BREAKER

SCCR: **22,000 A** AFC:

FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	202 RACK PDU (1)	D	5.000	20/3	A	40/2	6.094	M	232-IU-1 (2)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	30/3	5.548	M	232-OU-1 (3)	6
7	EXT CONV RECEPTACLE (4)	R	0.180	20/1	A	-	-	-	-	8
9	202 LIGHT FIXTURES (4)	L	0.208	20/1	B	-	-	-	-	10
11	202 RECEPTACLES (4)	R	1.080	20/1	C	20/1		D	202 DOOR ACCESS CONTROLS (4)	12
13	202 ACCESS CONTROL PANEL (4)	D	0.500	20/1	A	20/1	-	S	SPARE (4)	14
15	SPARE (4)	S	-	20/1	B	20/1	-	S	SPARE (4)	16
17	SPARE (4)	S	-	20/1	C	20/1	-	S	SPARE (4)	18
19	SPARE (4)	S	-	20/1	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD **PHASE A=** **7.24** KVA **PHASE B=** **6.77** KVA **PHASE C=** **4.60** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		5.50			0.21		11.64	1.26		6.09	**18.61** KVA	**51.66** AMP
CALCULATED LOAD		5.50			0.26		11.64	1.26		1.52	**20.19** KVA	**56.03** AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 20A/3P BREAKER.
2. PROVIDE NEW 20A/2P BREAKER.
3. PROVIDE NEW 25A/3P BREAKER.
4. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 232 ELECTRICAL PANEL SCHEDULES

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025

CHECKED BY: MER

DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: 232

DRAWING NUMBER: 232-EJ-002

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

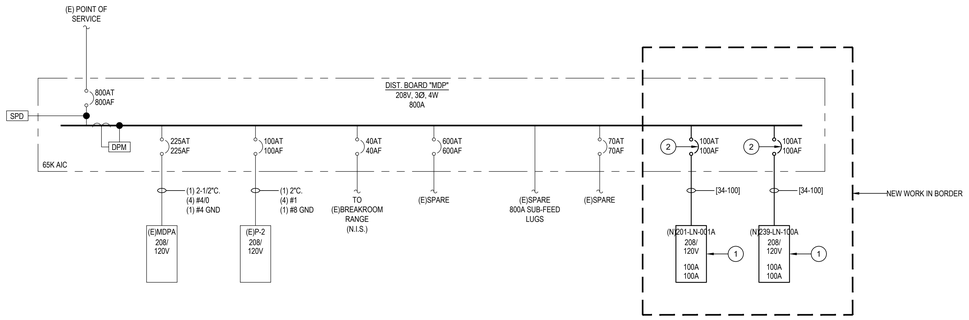
PLAN NOTES

(1) CONTRACTOR TO PROVIDE NEW 208V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.

(2) CONTRACTOR TO PROVIDE NEW 100A/3P BREAKER. MATCH EXISTING TYPE AND MANUFACTURER.

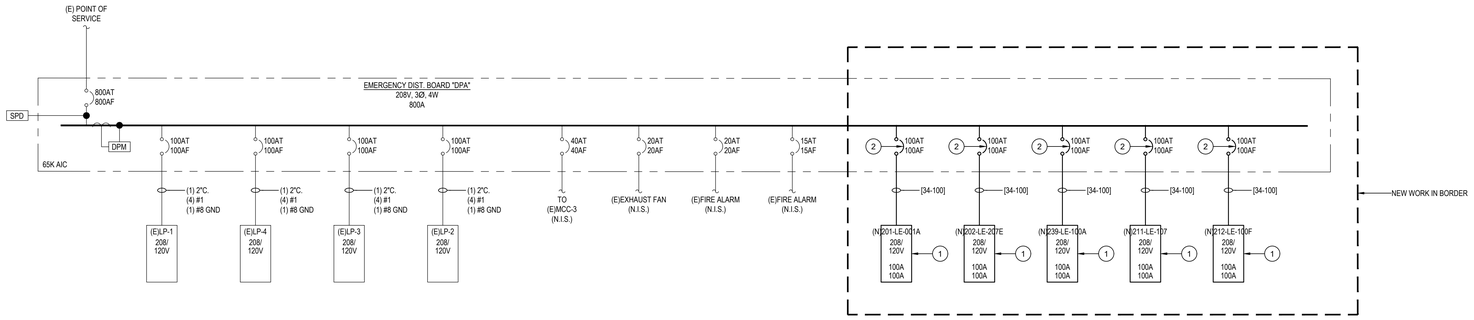
TOGUS VA MEDICAL CENTER
1-DAY DEMAND: PANEL 238-MDP

VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**800 A**
	OCPD RATING:		**800 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/30/23 - 08/31/23:			**1. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**.36 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**.45 KVA**
NEW LOAD ADDED			**6.8 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**7.21 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**20. A**
EXISTING FEEDER CAPACITY IN AMPS:			**800 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED



TOGUS VA MEDICAL CENTER
1-DAY DEMAND: PANEL 238-DPA

VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**800 A**
	OCPD RATING:		**800 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/10/23 - 08/11/23:			**214. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**77.09 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**96.37 KVA**
NEW LOAD ADDED			**55.7 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**152.08 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**422.1 A**
EXISTING FEEDER CAPACITY IN AMPS:			**800 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 238 PARTIAL ELECTRICAL ONE-LINE DIAGRAMS	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 238
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 238-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT **3** PHASE **4** WIRE
LOCATION: **103** SUPPLIED BY:
SERVING: **201/238**

PANEL
(E)238-MDP

800 AMP BUS RATING **800 AMP** MAIN BREAKER
SCCR: **22,000 A** AFC:
FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**(N) 201-LN-001A (1)**	**P**	**3.380**	**100/3**	**A**	**100/3**	**5.000**	**P**	**(N) 202-LN-207E (1)**	**2**
3	**-**	**-**	**-**	**-**	**B**	**-**	**-**	**-**	**-**	**4**
5	**-**	**-**	**-**	**-**	**C**	**-**	**-**	**-**	**-**	**6**
7	**(N) 239-LN-100A (1)**	**P**	**3.380**	**100/3**	**A**	**-**	**-**	**S**	SPACE	**8**
9	**-**	**-**	**-**	**-**	**B**	**-**	**-**	S	SPACE	**10**
11	**-**	**-**	**-**	**-**	**C**	**-**	**-**	S	SPACE	**12**
13	SPACE	S	-	-	**A**	-	-	S	SPACE	**14**
15	SPACE	S	-	-	**B**	-	-	S	SPACE	**16**
17	SPACE	S	-	-	**C**	-	-	S	SPACE	**18**
19	SPACE	S	-	-	**A**	-	-	S	SPACE	**20**
21	SPACE	S	-	-	**B**	-	-	S	SPACE	**22**
23	SPACE	S	-	-	**C**	-	-	S	SPACE	**24**
25	SPACE	S	-	-	**A**	-	-	S	SPACE	**26**
27	SPACE	S	-	-	**B**	-	-	S	SPACE	**28**
29	SPACE	S	-	-	**C**	-	-	S	SPACE	**30**

PHASE LOAD **PHASE A=** **11.31** KVA **PHASE B=** **1.67** KVA **PHASE C=** **1.67** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
PANEL (E)238-MDP												
PANEL (N) 201-LN-001A		3.38									**3.38** KVA	**9.38** AMP
PANEL (N) 239-LN-100A		3.38									**3.38** KVA	**9.38** AMP
CONNECTED LOAD		6.76									**6.76** KVA	**18.76** AMP
CALCULATED LOAD		6.76									**6.76** KVA	**18.76** AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 20A/1P SPARE BREAKER.

208/120 VOLT **3** PHASE **4** WIRE
LOCATION: **103** SUPPLIED BY:
SERVING: **TR 001A**

PANEL
(E)238-DPA

800 AMP BUS RATING **800 AMP** MAIN BREAKER
SCCR: **22,000 A** AFC:
FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	**(N) 201-LE-001A (1)**	**P**	**15.974**	**100/3**	**A**	**100/3**	**18.111**	**P**	**(N) 202-LE-207E (1)**	**2**
3	**-**	**-**	**-**	**-**	**B**	**-**	**-**	**-**	**-**	**4**
5	**-**	**-**	**-**	**-**	**C**	**-**	**-**	**-**	**-**	**6**
7	**(N) 211-LE-107 (1)**	**P**	**9.717**	**100/3**	**A**	**100/3**	**11.742**	**P**	**(N) 212-LE-100F (1)**	**8**
9	**-**	**-**	**-**	**-**	**B**	**-**	**-**	**-**	**-**	**10**
11	**-**	**-**	**-**	**-**	**C**	**-**	**-**	**-**	**-**	**12**
13	**(N) 239-LE-100A (1)**	**P**	**13.070**	**100/3**	**A**	**-**	**-**	**S**	**SPACE**	**14**
15	**-**	**-**	**-**	**-**	**B**	**-**	**-**	**S**	**SPACE**	**16**
17	**-**	**-**	**-**	**-**	**C**	**-**	**-**	**S**	**SPACE**	**18**
19	**SPACE**	**S**	**-**	**-**	**A**	**-**	**-**	**S**	**SPACE**	**20**
21	**SPACE**	**S**	**-**	**-**	**B**	**-**	**-**	**S**	**SPACE**	**22**
23	**SPACE**	**S**	**-**	**-**	**C**	**-**	**-**	**S**	**SPACE**	**24**
25	**SPACE**	**S**	**-**	**-**	**A**	**-**	**-**	**S**	**SPACE**	**26**
27	**SPACE**	**S**	**-**	**-**	**B**	**-**	**-**	**S**	**SPACE**	**28**
29	**SPACE**	**S**	**-**	**-**	**C**	**-**	**-**	**S**	**SPACE**	**30**

PHASE LOAD **PHASE A=** **28.70** KVA **PHASE B=** **20.56** KVA **PHASE C=** **19.35** KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
PANEL (E)238-DPA												
PANEL (N) 201-LE-001A		**3.38**			**0.05**		**11.64**	**0.90**		**6.09**	**15.97** KVA	**44.34** AMP
PANEL (N) 202-LE-207E		**5.00**			**0.21**		**11.64**	**1.26**		**6.10**	**18.11** KVA	**50.27** AMP
PANEL (N) 211-LE-107		**5.00**			**0.05**		**4.12**	**0.54**		**3.91**	**9.72** KVA	**26.97** AMP
PANEL (N) 212-LE-100F		**5.50**			**0.05**		**4.93**	**1.26**		**2.52**	**11.74** KVA	**32.59** AMP
PANEL (N) 239-LE-100A		**3.38**			**0.05**		**8.74**	**0.90**		**4.83**	**13.07** KVA	**36.28** AMP
CONNECTED LOAD		22.26			0.42		41.08	4.86		6.10	**68.61** KVA	**190.45** AMP
CALCULATED LOAD		22.26			0.52		41.08	4.86		1.52	**70.24** KVA	**194.97** AMP

NOTES: NEW WORK IN BOLD
1. PROVIDE NEW 100A/3P BREAKER.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 238 ELECTRICAL PANEL SCHEDULES
APPROVED:
PHASE: 100% CONSTRUCTION DOCUMENTS
FLS: FULLY SPRINKLERED
PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
LOCATION: TOGUS VA MEDICAL CENTER
ISSUE DATE: NOVEMBER 10, 2025
CHECKED BY: MER
DRAWN BY: AJW
PROJECT NUMBER: 402-22-700
BUILDING NUMBER: 238
DRAWING NUMBER: 238-EJ-002

VA FORM 08 - 6231

REISSUED 02-18-2026

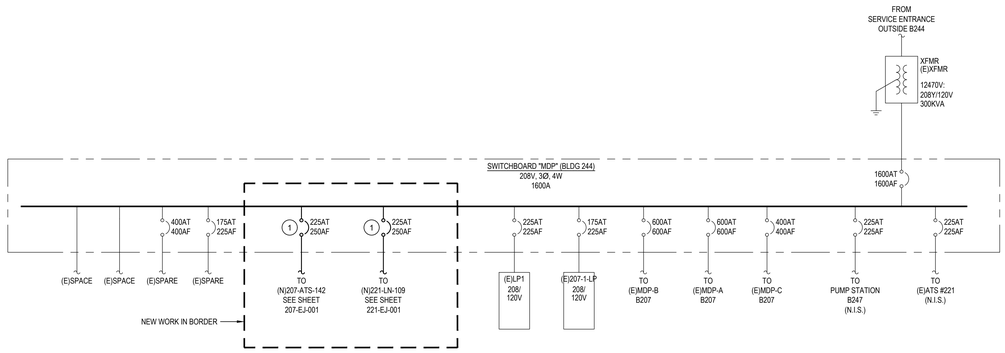
TOGUS VA MEDICAL CENTER 1-DAY DEMAND: PANEL 244-MDP			
VOLTS: **208 V** 3PH/4W	FEEDER RATING:		**1600 A**
	OCPD RATING:		**1600 A**
24-HOUR PEAK DEMAND, MEASURED FROM 08/29/23 - 08/30/23:			**285. A**
POWER FACTOR: 1	DIVIDE BY:	100%	**102.67 KVA**
MAX. DEMAND AT 125% (NEC 220.87):		125%	**128.34 KVA**
NEW LOAD ADDED			**62.6 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN KVA:			**190.93 KVA**
MAXIMUM DEMAND AT 125% PLUS NEW LOAD IN AMPS:			**530. A**
EXISTING FEEDER CAPACITY IN AMPS:			**1600 A**
NEW DEMAND LOAD DOES NOT EXCEED EXISTING FEEDER AMPACITY(?):			NOT EXCEED

GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

(1) CONTRACTOR TO PROVIDE NEW 250A/3P BREAKER IN EXISTING SPACE. MATCH EXISTING TYPE AND MANUFACTURER.



Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE BLDG 244 PARTIAL ELECTRICAL ONE-LINE DIAGRAM	PHASE 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER 402-22-700
			BUILDING NUMBER 244
APPROVED:	FLS FULLY SPRINKLERED	LOCATION TOGUS VA MEDICAL CENTER	DRAWING NUMBER 244-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

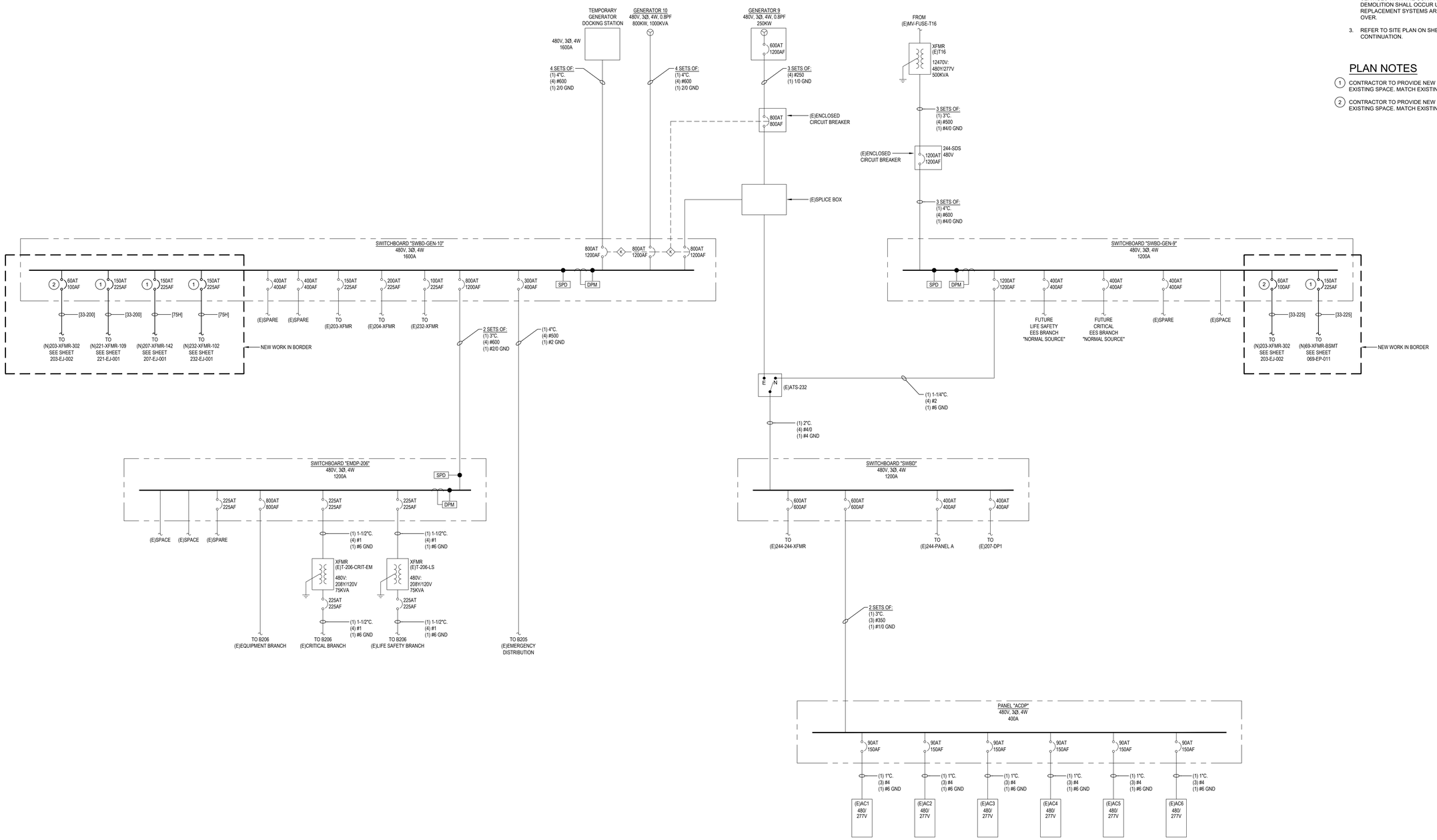
REISSUED 02-18-2026

GENERAL NOTES

1. VISIT AND EXAMINE THE SITE PRIOR TO INITIATION OF WORK TO ASCERTAIN THE CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE ALL INTERRUPTIONS SERVICES WITH THE COR PRIOR TO INITIATION OF WORK. NO DEMOLITION SHALL OCCUR UNTIL AFTER THE NEW OR REPLACEMENT SYSTEMS ARE IN PLACE AND READY FOR CUT OVER.
3. REFER TO SITE PLAN ON SHEET 000-ES-001 FOR ROUTING CONTINUATION.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 150AT/225AF CIRCUIT BREAKER IN EXISTING SPACE. MATCH EXISTING TYPE AND MANUFACTURER.
2. CONTRACTOR TO PROVIDE NEW 60AT/100AF CIRCUIT BREAKER IN EXISTING SPACE. MATCH EXISTING TYPE AND MANUFACTURER.



Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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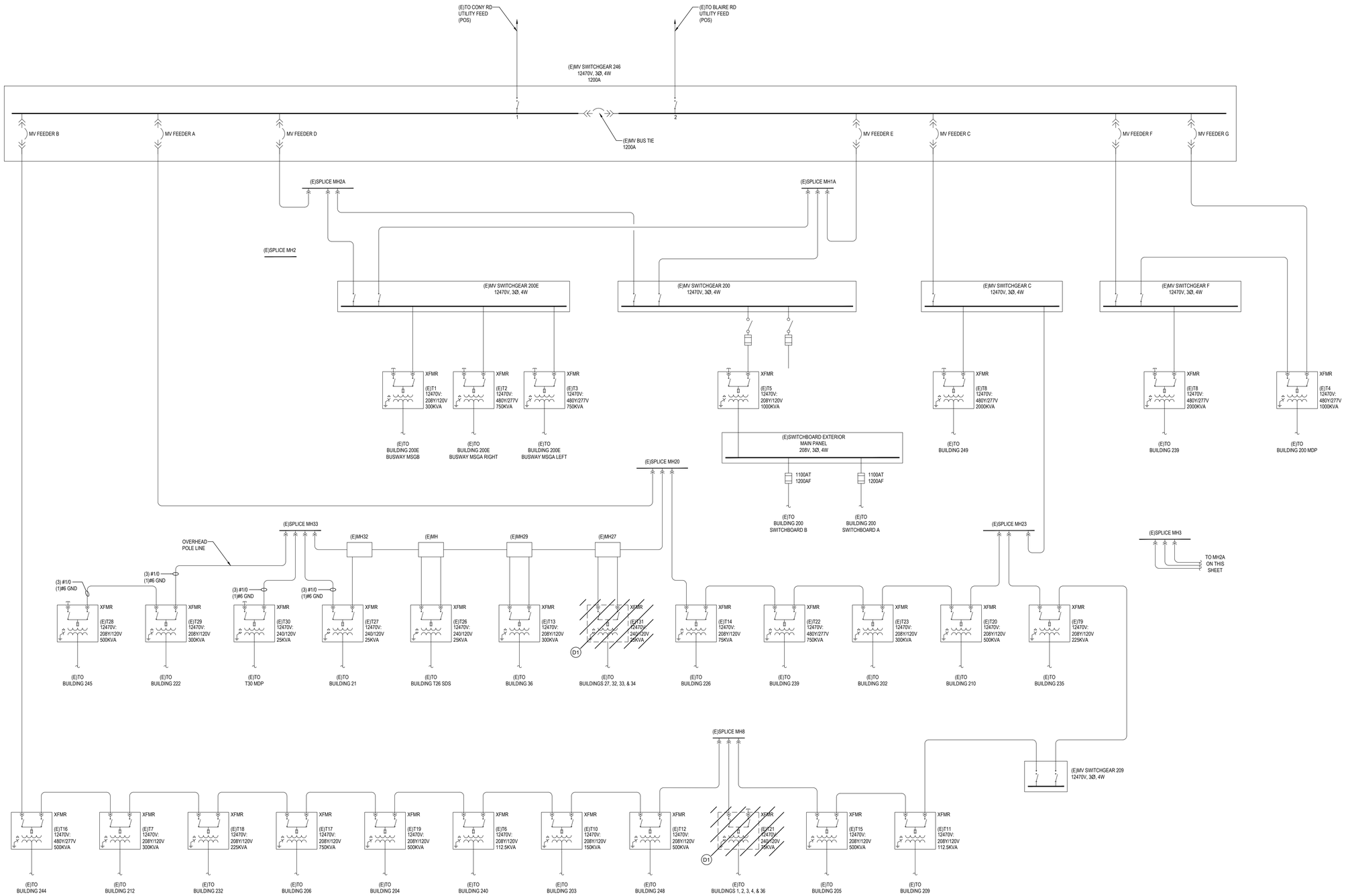
PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG 244 - GEN 9 & 10 ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 244
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 244-EJ-002
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026



GENERAL DEMOLITION NOTES

1. REFER TO ELECTRICAL SITE PLAN ON SHEET 000-ES-001 FOR ADDITIONAL INFORMATION AND SITE ROUTING.

DEMOLITION PLAN NOTES

D1 EXISTING TRANSFORMER TO BE REPLACED WITH NEW TRANSFORMER IN SAME LOCATION. EXISTING CONDUIT AND CONDUCTORS TO AUTOMATIC TRANSFER SWITCH ON SECONDARY SIDE TO BE REMOVED.

Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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STATE OF WASHINGTON
MICHAEL EDWARD MEYER
46759
REGISTERED PROFESSIONAL ENGINEER

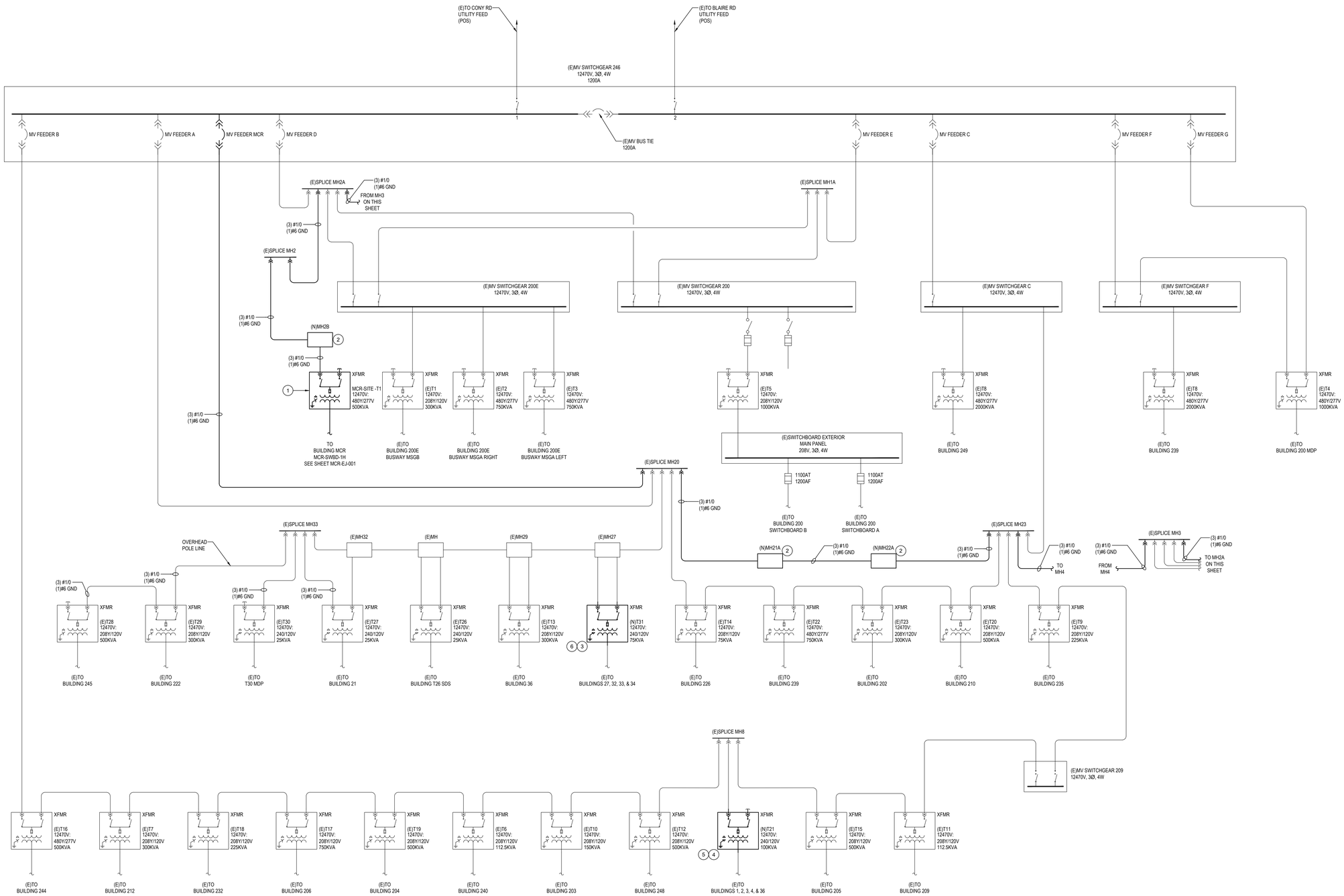
PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	CAMPUS MV SYSTEMS ELECTRICAL DEMOLITION ONE-LINE DIAGRAM
APPROVED:	
PHASE	100% CONSTRUCTION DOCUMENTS
FLS	FULLY SPRINKLERED
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	NOVEMBER 10, 2025
CHECKED BY	MER
DRAWN BY	AJW
PROJECT NUMBER	402-22-700
BUILDING NUMBER	SITE & 246
DRAWING NUMBER	246-EJ-001

VA FORM 08 - 6231

REISSUED 02-18-2026



GENERAL NOTES

1. REFER TO ELECTRICAL SITE PLAN ON SHEET 000-ES-001 FOR ADDITIONAL INFORMATION AND SITE ROUTING.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 500KVA TRANSFORMER.
2. CONTRACTOR TO PROVIDE NEW MANHOLE.
3. CONTRACTOR TO PROVIDE NEW 75KVA TRANSFORMER.
4. CONTRACTOR TO PROVIDE NEW 100KVA TRANSFORMER.
5. PROVIDE CONDUIT AND CONDUCTOR FROM SECONDARY-SIDE OF TRANSFORMER TO NEW TRANSFER SWITCH. REFER TO SITE PLAN ON SHEET 000-ES-003 FOR CONTINUATION.
6. PROVIDE CONDUIT AND CONDUCTOR FROM SECONDARY-SIDE OF TRANSFORMER TO NEW TRANSFER SWITCH. REFER TO SITE PLAN ON SHEET 000-ES-006 FOR CONTINUATION.

Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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STATE OF WASHINGTON — RICHARD E. LEONARD — 40 — REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	CAMPUS MV SYSTEMS ELECTRICAL ONE-LINE DIAGRAM
APPROVED:	
PHASE	100% CONSTRUCTION DOCUMENTS
FLS	FULLY SPRINKLERED
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	NOVEMBER 10, 2025
CHECKED BY	MER
DRAWN BY	AJW
PROJECT NUMBER	402-22-700
BUILDING NUMBER	SITE & 246
DRAWING NUMBER	246-EJ-002

VA FORM 08 - 6231

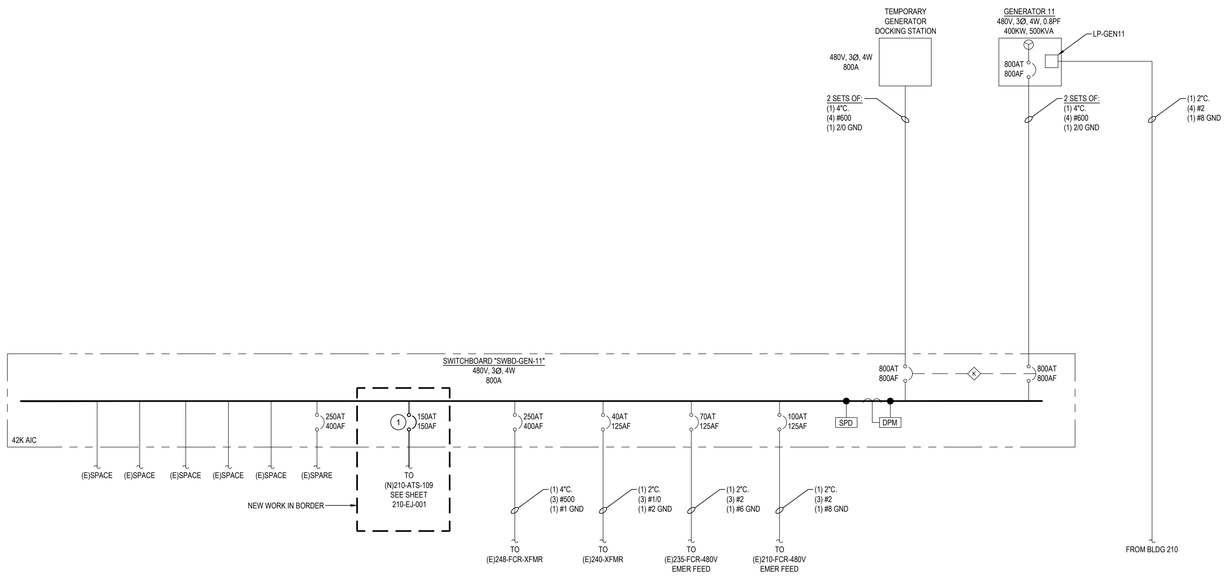
REISSUED 02-18-2026

GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

(1) PROVIDE NEW 150A/3P BREAKER IN EXISTING SPACE.



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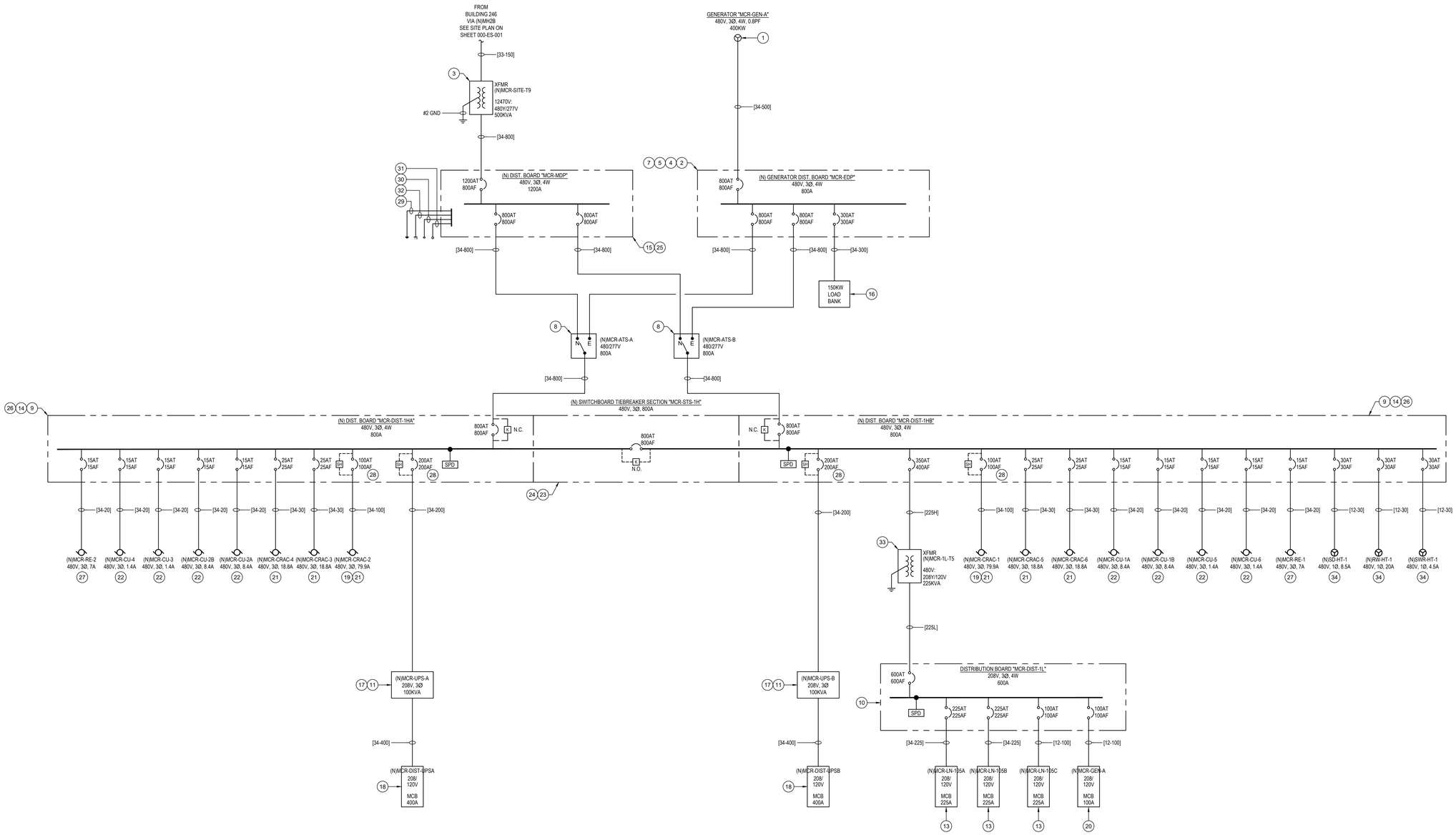
PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

U.S. Department of Veterans Affairs

DRAWING TITLE: GEN 11 ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 210 & G11
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: G11-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026



GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 400 KW GENERATOR. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
2. CONTRACTOR TO PROVIDE NEW 480V, 800A DISTRIBUTION BOARD FOR GENERATOR POWER SWITCHING. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
3. CONTRACTOR TO PROVIDE NEW 500 KVA, MV TRANSFORMER. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
4. CONTRACTOR TO PROVIDE NEW 300A BRANCH CIRCUIT BREAKER FOR NEW LOAD BANK.
5. CONTRACTOR TO PROVIDE NEW 800A MAIN CIRCUIT BREAKER.
6. CONTRACTOR TO PROVIDE NEW 800A DISTRIBUTION BOARD WITH NEW 800A MAIN CIRCUIT BREAKER. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
7. CONTRACTOR TO PROVIDE NEW 600A BRANCH CIRCUIT BREAKER.
8. CONTRACTOR TO PROVIDE NEW 480V, 800A AUTOMATIC TRANSFER SWITCH. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
9. CONTRACTOR TO PROVIDE NEW 480V, 800A SWITCHBOARD FOR NEW MCR POWER. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
10. CONTRACTOR TO PROVIDE NEW 208V, 600A DISTRIBUTION BOARD. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
11. GALAXY VS UPS SYSTEM UTILIZES AN INTERNAL STEP DOWN TRANSFORMER TO 208Y/120V WITH AN INTERNAL POWER FACTOR AT UNITY.
12. CONTRACTOR TO PROVIDE NEW 480V BRANCH PANELBOARD FOR NEW MECHANICAL EQUIPMENT. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
13. CONTRACTOR TO PROVIDE NEW 208V BRANCH PANELBOARD. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
14. CONTRACTOR TO PROVIDE NEW 200A BRANCH CIRCUIT BREAKER FOR NEW 112.5KVA TRANSFORMER.
15. CONTRACTOR TO PROVIDE NEW 1200A ADJUSTABLE-TRIP MAIN CIRCUIT BREAKER. ADJUST TRIP RATING AS INDICATED.
16. CONTRACTOR TO PROVIDE NEW 150KW LOAD BANK. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
17. CONTRACTOR TO PROVIDE NEW 100KVA UPS SYSTEM FOR NEW MCR POWER. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
18. CONTRACTOR TO PROVIDE NEW 208V, 400A PANELBOARD FOR NEW MCR POWER. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
19. MCR-CRAC-1 AND MCR-CRAC-2 ARE REDUNDANT SYSTEMS WHERE ONLY 1 UNIT WILL BE POWERED AT A TIME.
20. CONTRACTOR TO PROVIDE NEW 208V, 100A GENERATOR LOAD CENTER PANEL. CONTRACTOR TO PROVIDE CONDUIT, CONDUCTOR, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
21. MECHANICAL CONTRACTOR TO PROVIDE NEW CRAC UNIT. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT, CONDUCTOR, AND ALL NECESSARY ELECTRICAL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
22. MECHANICAL CONTRACTOR TO PROVIDE NEW CONDENSING UNIT. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT, CONDUCTOR, AND ALL NECESSARY ELECTRICAL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
23. CONTRACTOR TO PROVIDE NEW TIEBREAKER SECTION FOR 480V SWITCHBOARD INTERCONNECTION. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
24. CONTRACTOR TO PROVIDE NEW 800A DISTRIBUTION CIRCUIT BREAKER IN TIEBREAKER SECTION WITH NEW KIRK KEY INTERLOCK. KIRK KEY CONTACTOR POSITION IDENTIFIED ON THIS SHEET. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
25. CONTRACTOR TO PROVIDE NEW 480V, 1200A DISTRIBUTION BOARD. PROVIDE CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
26. CONTRACTOR TO PROVIDE NEW 800A MAIN CIRCUIT BREAKER WITH NEW KIRK KEY INTERLOCK. KIRK KEY CONTACTOR POSITION IDENTIFIED ON THIS SHEET. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
27. MECHANICAL CONTRACTOR TO PROVIDE NEW REFRIGERANT ECONOMIZER UNIT. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT, CONDUCTOR, AND ALL NECESSARY ELECTRICAL APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
28. CONTRACTOR TO PROVIDE SHUNT TRIP BREAKER TO TIE INTO EMERGENCY POWER OFF SYSTEM IN THE MCR.
29. CONTRACTOR TO PROVIDE SERVICE GROUND ELECTRICAL FROM SERVICE PER NEC TABLE 250.66. PROVIDE 3/4" X 10' GROUND RODS.
30. CONTRACTOR TO PROVIDE CONCRETE-ENCASED ELECTRODE PER NEC 250.52(A)(3).
31. CONTRACTOR TO PROVIDE GROUND ELECTRODE AT THE WATER SERVICE PER NEC 250.52.
32. CONTRACTOR TO PROVIDE GROUND FROM TGB IN DATA CENTER ROOM 111. SEE SHEET MCR-EP-013 FOR LOCATION.
33. CONTRACTOR TO PROVIDE NEW 480V:208Y/120V, 225KVA, DRY-TYPE, STEP-DOWN TRANSFORMER.
34. CONTRACTOR TO PROVIDE NEW HEAT TRACE CONNECTIONS FOR STORM DRAIN, SEWER, AND RETAINING WALL. SEE SITE PLAN ON SHEET 000-ES-002 FOR ADDITIONAL INFORMATION.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	MCR ELECTRICAL ONE-LINE DIAGRAM
PHASE	100% CONSTRUCTION DOCUMENTS
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER	402-22-700
BUILDING NUMBER	MCR
APPROVED:	
FLS	FULLY SPRINKLERED
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	NOVEMBER 10, 2025
CHECKED BY	MER
DRAWN BY	AJW\
DRAWING NUMBER	MCR-EJ-001

VA FORM 08 - 6231

REISSUED 02-18-2026

PANEL (N)MCR-MDP

480/277 VOLT | 3 PHASE | 4 WIRE | 1200 AMP BUS RATING | 800 AMP MAIN BREAKER
LOCATION: 105 | SUPPLIED BY: MCR-SITE-T9 | SCCR: 65,000 A | AFC:
SERVING: MCR BUILDING | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANEL MCR-DIST-1HA (1)	P	199.399	800/3	A	800/3	345.724	P	PANEL MCR-DIST-1HB (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	SPACE	S	-	-	A	-	-	S	SPACE	8
9	SPACE	S	-	-	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD | PHASE A= 178.56 KVA | PHASE B= 185.27 KVA | PHASE C= 181.29 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
PANEL (N)MCR-MDP											
PANEL (N)MCR-DIST-1HA		79.60				119.80			66.43	199.40 KVA	239.84 AMP
PANEL (N)MCR-DIST-1HB		143.20			3.90	188.18	10.44		66.43	345.72 KVA	415.84 AMP
CONNECTED LOAD		222.80			3.90	307.98	10.44		66.43	545.12 KVA	655.68 AMP
CALCULATED LOAD		222.80			4.88	307.98	10.22		16.61	562.48 KVA	676.56 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 800A/3P BREAKER.

PANEL (N)MCR-EDP

480/277 VOLT | 3 PHASE | 4 WIRE | 800 AMP BUS RATING | 800 AMP MAIN BREAKER
LOCATION: UTILITY YARD | SUPPLIED BY: MCR-GEN-A | SCCR: 65,000 A | AFC:
SERVING: MCR BUILDING | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANEL MCR-DIST-1HA (1)	P	199.399	800/3	A	800/3	345.724	P	PANEL MCR-DIST-1HB (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	SPACE	S	-	-	A	-	-	S	SPACE	8
9	SPACE	S	-	-	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD | PHASE A= 178.56 KVA | PHASE B= 185.27 KVA | PHASE C= 181.29 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
PANEL (N)MCR-EDP											
PANEL (N)MCR-DIST-1HA		79.60				119.80			66.43	199.40 KVA	239.84 AMP
PANEL (N)MCR-DIST-1HB		143.20			3.90	188.18	10.44		66.43	345.72 KVA	415.84 AMP
CONNECTED LOAD		222.80			3.90	307.98	10.44		66.43	545.12 KVA	655.68 AMP
CALCULATED LOAD		222.80			4.88	307.98	10.22		16.61	562.48 KVA	676.56 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 800A/3P BREAKER.

PANEL (N)MCR-DIST-1HA

480/277 VOLT | 3 PHASE | 4 WIRE | 800 AMP BUS RATING | 800 AMP MAIN BREAKER
LOCATION: BSMT | SUPPLIED BY: MCR-ATS-A | SCCR: 65,000 A | AFC:
SERVING: CRAC-2/3/4, CU-2A/I2B/3/4, MCR-UPS-A | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANEL MCR-DIST-UPSA (1)(5)	P	79.600	200/3	A	15/3	6.983	M	MCR-CU-2A (4)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	MCR-CRAC-2 (2)	M	66.426	100/3	A	15/3	6.983	M	MCR-CU-2B (4)	8
9	-	-	-	-	B	-	-	-	-	10
11	-	-	-	-	C	-	-	-	-	12
13	MCR-CRAC-3 (3)	M	15.630	25/3	A	15/3	1.164	M	MCR-CU-3 (4)	14
15	-	-	-	-	B	-	-	-	-	16
17	-	-	-	-	C	-	-	-	-	18
19	MCR-CRAC-4 (3)	M	15.630	25/3	A	15/3	1.164	M	MCR-CU-4 (4)	20
21	-	-	-	-	B	-	-	-	-	22
23	-	-	-	-	C	-	-	-	-	24
25	MCR-RE-2 (4)	M	5.820	15/3	A	-	-	S	SPACE	26
27	-	-	-	-	B	-	-	S	SPACE	28
29	-	-	-	-	C	-	-	S	SPACE	30
31	SPACE	S	-	-	A	-	-	S	SPACE	32
33	SPACE	S	-	-	B	-	-	S	SPACE	34
35	SPACE	S	-	-	C	-	-	S	SPACE	36
37	SPACE	S	-	-	A	-	-	S	SPACE	38
39	SPACE	S	-	-	B	-	-	S	SPACE	40
41	SPACE	S	-	-	C	-	-	S	SPACE	42

PHASE LOAD | PHASE A= 66.47 KVA | PHASE B= 66.47 KVA | PHASE C= 66.47 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
PANEL (N)MCR-DIST-1HA						119.80			66.43	119.80 KVA	144.10 AMP
PANEL (N)MCR-DIST-111A		79.60								79.60 KVA	95.74 AMP
CONNECTED LOAD		79.60				119.80			66.43	199.40 KVA	239.84 AMP
CALCULATED LOAD		79.60				119.80			16.61	216.01 KVA	259.81 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 200A/3P BREAKER.
2. PROVIDE NEW 100A/3P BREAKER.
3. PROVIDE NEW 25A/3P BREAKER.
4. PROVIDE NEW 15A/3P BREAKER.
5. PROVIDE SHUNT-TRIP BREAKER TIED INTO EPO SYSTEM.

PANEL (N)MCR-DIST-1HB

480/277 VOLT | 3 PHASE | 4 WIRE | 800 AMP BUS RATING | 800 AMP MAIN BREAKER
LOCATION: 105 | SUPPLIED BY: MCR-ATS-B | SCCR: 65,000 A | AFC:
SERVING: CRAC-1/5/6, CU-1A/1B/5/6, MCR-DIST-1L, MCR-UPS-B | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANEL MCR-DIST-UPSB (1)(5)	P	79.600	200/3	A	350/3	146.325	P	PANEL MCR-DIST-1L (6)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	MCR-CRAC-1 (2)	M	66.426	100/3	A	15/3	6.983	M	MCR-CU-1A (4)	8
9	-	-	-	-	B	-	-	-	-	10
11	-	-	-	-	C	-	-	-	-	12
13	MCR-CRAC-5 (3)	M	15.630	25/3	A	15/3	6.983	M	MCR-CU-1B (4)	14
15	-	-	-	-	B	-	-	-	-	16
17	-	-	-	-	C	-	-	-	-	18
19	MCR-CRAC-6 (3)	M	15.630	25/3	A	15/3	1.164	M	MCR-CU-5 (4)	20
21	-	-	-	-	B	-	-	-	-	22
23	-	-	-	-	C	-	-	-	-	24
25	MCR-RE-1 (4)	M	5.820	15/3	A	15/3	1.164	M	MCR-CU-6 (4)	26
27	-	-	-	-	B	-	-	-	-	28
29	-	-	-	-	C	-	-	-	-	30
31	SD-HT-1 (7)	D	4.000	30/2	A	30/2	2.000	D	SWR-HT-1 (7)	32
33	-	-	-	-	B	-	-	-	-	34
35	RW-HT-1 (7)	D	9.600	30/2	C	20/1	-	S	SPACE	36
37	-	-	-	-	A	20/1	-	S	SPACE	38
39	SPACE	S	-	20/1	B	20/1	-	S	SPACE	40
41	SPACE	S	-	20/1	C	20/1	-	S	SPACE	42

PHASE LOAD | PHASE A= 119.90 KVA | PHASE B= 121.81 KVA | PHASE C= 119.62 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
PANEL (N)MCR-DIST-1HB		15.60				119.80			66.43	135.40 KVA	162.86 AMP
PANEL (N)MCR-DIST-111B		79.60								79.60 KVA	95.74 AMP
PANEL (N)MCR-DIST-1L		63.60			3.90	68.38	10.44		31.20	146.32 KVA	176.00 AMP
CONNECTED LOAD		158.80			3.90	188.18	10.44		66.43	361.32 KVA	434.60 AMP
CALCULATED LOAD		158.80			4.88	188.18	10.22		16.61	378.69 KVA	455.49 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 200A/3P BREAKER.
2. PROVIDE NEW 100A/3P BREAKER.
3. PROVIDE NEW 25A/3P BREAKER.
4. PROVIDE NEW 15A/3P BREAKER.
5. PROVIDE SHUNT-TRIP BREAKER TIED INTO EPO SYSTEM.
6. PROVIDE NEW 400A/3P ADJUSTABLE-TRIP BREAKER. ADJUST BREAKER TRIP SETTING TO 350A.
7. PROVIDE NEW 30A/2P BREAKER.

PANEL (N)MCR-DIST-UPSA

208/120 VOLT | 3 PHASE | 4 WIRE | 400 AMP BUS RATING | 400 AMP MAIN BREAKER
LOCATION: 111 | SUPPLIED BY: MCR-UPS-A | SCCR: 22,000 A | AFC:
SERVING: MCR 111 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	RECEPTACLE BUSWAY A1 (1)	D	65.600	250/3	A	250/3	14.000	D	RECEPTACLE BUSWAY A2 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	SPACE	S	-	-	A	-	-	S	SPACE	8
9	SPACE	S	-	-	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD | PHASE A= 26.53 KVA | PHASE B= 26.53 KVA | PHASE C= 26.53 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		79.60								79.60 KVA	220.95 AMP
CALCULATED LOAD		79.60								79.60 KVA	220.95 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 250A/3P BREAKER.

PANEL (N)MCR-DIST-UPSB

208/120 VOLT | 3 PHASE | 4 WIRE | 400 AMP BUS RATING | 400 AMP MAIN BREAKER
LOCATION: 111 | SUPPLIED BY: MCR-UPS-B | SCCR: 22,000 A | AFC:
SERVING: MCR 111 | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	RECEPTACLE BUSWAY B1 (1)	D	65.600	250/3	A	250/3	14.000	D	RECEPTACLE BUSWAY B2 (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	SPACE	S	-	-	A	-	-	S	SPACE	8
9	SPACE	S	-	-	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD | PHASE A= 26.53 KVA | PHASE B= 26.53 KVA | PHASE C= 26.53 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		79.60								79.60 KVA	220.95 AMP
CALCULATED LOAD		79.60								79.60 KVA	220.95 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 250A/3P BREAKER.

PANEL (N)MCR-DIST-1L

208/120 VOLT | 3 PHASE | 4 WIRE | 600 AMP BUS RATING | 600 AMP MAIN BREAKER
LOCATION: 105 | SUPPLIED BY: MCR-1L-T5 | SCCR: 22,000 A | AFC:
SERVING: MCR-LN-105A, 105B, MCR-GEN-A, MCR-GEN-B | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	PANEL MCR-LN-105A (1)	P	72.409	225/3	A	225/3	70.316	P	PANEL MCR-LN-105B (1)	2
3	-	-	-	-	B	-	-	-	-	4
5	-	-	-	-	C	-	-	-	-	6
7	PANEL MCR-GEN-A (2)	P		100/3	A	225/3	3.600	P	PANEL MCR-LN-105C (1)	8
9	-	-	-	-	B	-	-	-	-	10
11	-	-	-	-	C	-	-	-	-	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD | PHASE A= 45.63 KVA | PHASE B= 52.34 KVA | PHASE C= 48.35 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
PANEL (N)MCR-DIST-1L										KVA	AMP
PANEL (N)MCR-LN-105A		30.00				31.97	10.44		10.95	72.41 KVA	200.99 AMP
PANEL (N)MCR-LN-105B		30.00			3.90	36.41			31.20	70.32 KVA	195.18 AMP
PANEL (N)MCR-GEN-A										KVA	AMP
PANEL (N)MCR-LN-105C		3.60								3.60 KVA	9.99 AMP
CONNECTED LOAD		63.60			3.90	68.38	10.44		31.20	146.32 KVA	406.16 AMP
CALCULATED LOAD		63.60			4.88	68.38	10.22		7.80	154.88 KVA	429.91 AMP

NOTES: **NEW WORK IN BOLD**
1. PROVIDE NEW 225A/3P BREAKER.
2. PROVIDE NEW 100A/3P BREAKER.

PANEL (N)MCR-LN-105A

208/120 VOLT | 3 PHASE | 4 WIRE | 225 AMP BUS RATING | 225 AMP MAIN BREAKER
LOCATION: 105 | SUPPLIED BY: LCR-DIST-L | SCCR: 22,000 A | AFC:
SERVING: MCR BUILDING | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	105 RECEPTACLES (1)	R	0.720	20/1	A	20/1	0.540	R	104 RECEPTACLES (1)	2
3	CORRIDOR RECEPTACLES (1)	R	0.900	20/1	B	20/1	1.080	R	102/103 RECEPTACLES (1)	4
5	103 RECEPTACLES (1)	R	0.720	20/1	C	20/1	1.080	R	110 RECEPTACLES (1)	6
7	EXT CONV RECEPTACLES (1)	R	1.080	20/1	A	20/1	0.900	R	UTIL YARD RECEPTACLES (1)	8
9	UTIL YARD RECEPTACLES (1)	R	0.540	20/1	B	20/1	0.720	R	111 RECEPTACLES (1)(7)	10
11	MCR-OU-1 (6)	M	10.952	60/3	C	60/3	15.000	D	ENTR B ZONE PDU (6)	12
13	-	-	-	-	A	-	-	-	-	14
15	-	-	-	-	B	-	-	-	-	16
17	MCR-ERV-1 (3)	M	0.023	15/2	C	20/1	0.141	M	MCR-RF-1 (1)	18
19	-	-	-	-	A	20/1	0.141	M	MCR-RF-2 (1)	20
21	MCR-ERV-2 (3)	M	0.006	15/2	B	25/2	3.750	M	MCR-UH-2 (5)	22
23	-	-	-	-	C	-	-	-	-	24
25	MCR-UH-1 (4)	M	2.000	20/2	A	60/3	15.000	D	ENTR A ZONE PDU (6)	26
27	-	-	-	-	B	-	-	-	-	28
29	112 RECEPTACLES (1)	R	0.720	20/1	C	-	-	-	-	30
31	111 RECEPTACLES (1)(7)	R	0.540	20/1	A	20/1	0.900	R	100 RECEPTACLES (1)	32
33	MCR-WH-1 (2)	M	8.300	40/2	B	40/2	6.656	M	MCR-FTA-01 (2)	34
35	-	-	-	-	C	-	-	-	-	36
37	SPARE (1)	S	-	20/1	A	20/1	-	S	SPARE (1)	38
39	SPARE (1)	S	-	20/1	B	20/1	-	S	SPARE (1)	40
41	SPARE (1)	S	-	20/1	C	20/1	-	S	SPARE (1)	42

PHASE LOAD | PHASE A= 19.48 KVA | PHASE B= 27.25 KVA | PHASE C= 25.68 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		30.00				31.97	10.44		10.95	72.41 KVA	200.99 AMP
CALCULATED LOAD		30.00				31.97	10.22		2.74	74.93 KVA	207.98 AMP

NOTES: **NEW WORK IN BOLD**
PROVIDE 100% RATED MAIN BREAKER.
1. PROVIDE NEW 20A/1P BREAKER.
2. PROVIDE NEW 40A/2P BREAKER.
3. PROVIDE NEW 15A/2P BREAKER.
4. PROVIDE NEW 20A/2P BREAKER.
5. PROVIDE NEW 25A/2P BREAKER.
6. PROVIDE NEW 60A/3P BREAKER.
7. PROVIDE SHUNT-TRIP BREAKER TIED INTO EPO SYSTEM.

PANEL (N)MCR-LN-105B

208/120 VOLT | 3 PHASE | 4 WIRE | 225 AMP BUS RATING | 225 AMP MAIN BREAKER
LOCATION: 105 | SUPPLIED BY: MCR-DIST-L | SCCR: 22,000 A | AFC:
SERVING: MCR BUILDING | FEED: TOP | MOUNTING: SURFACE

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	INTERIOR LIGHTING (1)	L	1.293	20/1	A	20/2	0.083	M	MCR-BC-1 (2)	2
3	MCR LIGHTING (1)(7)	L	1.584	20/1	B	-	-	-	-	4
5	EXTERIOR LIGHTING (1)	L	1.027	20/1	C	20/1	0.500	M	R. LEADER CONNECTION (1)	6
7	MCR-IU-1 (4)	M	0.599	15/2	A	15/2	0.042	M	MCR-IU-3 (4)	8
9	-	-	-	-	B	-	-	-	-	10
11	MCR-IU-2 (4)	M	0.443	15/2	C	15/2	0.050	M	MCR-IU-4 (4)	12
13	-	-	-	-	A	-	-	-	-	14
15	ENTR A ZONE PDU (6)	D	15.000	60/3	B	20/1	-	S	SPARE (1)	16
17	-	-	-	-	C	20/1	-	S	SPARE (1)	18
19	-	-	-	-	A	25/2	3.494	M	MCR-UH-3 (3)	20
21	ENTR B ZONE PDU (6)	D	15.000	60/3	B	-	-	-	-	22
23	-	-	-	-	C	20/1	-	S	SPARE (1)	24
25	-	-	-	-	A	20/1	-	S	SPARE (1)	26
27	MCR-WH-2 (5)	M	31.200	100/3	B	20/1	-	S	SPARE (1)	28
29	-	-	-	-	C	20/1	-	S	SPARE (1)	30
31	-	-	-	-	A	20/1	-	S	SPARE (1)	32
33	SPARE (1)	S	-	20/1	B	20/1	-	S	SPARE (1)	34
35	SPARE (1)	S	-	20/1	C	20/1	-	S	SPARE (1)	36
37	SPARE (1)	S	-	20/1	A	20/1	-	S	SPARE (1)	38
39	SPARE (1)	S	-	20/1	B	20/1	-	S	SPARE (1)	40
41	SPARE (1)	S	-	20/1	C	20/1	-	S	SPARE (1)	42

PHASE LOAD | PHASE A= 24.05 KVA | PHASE B= 24.09 KVA | PHASE C= 22.17 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS KVA	TOTAL LOADS AMP
CONNECTED LOAD		30.00			3.90	36.41			31.20	70.32 KVA	195.18 AMP
CALCULATED LOAD		30.00			4.88	36.41			7.80	79.09 KVA	219.54 AMP

NOTES: **NEW WORK IN BOLD**
PROVIDE 100% RATED MAIN BREAKER.
1. PROVIDE NEW 20A/1P BREAKER.
2. PROVIDE NEW 20A/2P BREAKER.
3. PROVIDE NEW 25A/2P BREAKER.
4. PROVIDE NEW 15A/2P BREAKER.
5. PROVIDE NEW 40A/2P BREAKER.
6. PROVIDE NEW 60A/3P BREAKER.
7. PROVIDE SHUNT-TRIP BREAKER TIED INTO EPO SYSTEM.

Revisions:	Date:

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DRAWING TITLE	PHASE	PROJECT TITLE	PROJECT NUMBER
MCR ELECTRICAL PANEL SCHEDULES	100% CONSTRUCTION DOCUMENTS	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: MCR
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: MCR-EJ-002

VA FORM 08 - 6231

REISSUED 02-18-2026

208/120 VOLT | 3 PHASE | 4 WIRE

LOCATION: **BSMT** SUPPLIED BY:

SERVING: **TR 102B**

PANEL (N)MCR-GEN-A

100 AMP BUS RATING | **100 AMP** MAIN BREAKER

SCCR: **22,000 A** AFC: **2,960 A**

FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	SPARE (1)	S	-	20/1	A	20/1	-	S	SPARE (1)	2
3	SPARE (1)	S	-	20/1	B	20/1	-	S	SPARE (1)	4
5	SPARE (1)	S	-	20/1	C	20/1	-	S	SPARE (1)	6
7	SPARE (1)	S	-	20/1	A	20/1	-	S	SPARE (1)	8
9	SPARE (1)	S	-	20/1	B	20/1	-	S	SPARE (1)	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A=_____KVA PHASE B= _____KVA PHASE C= _____KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD											KVA	AMP
CALCULATED LOAD											KVA	AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 20A/1P BREAKER.

208/120 VOLT | 3 PHASE | 4 WIRE

LOCATION: **105** SUPPLIED BY: **MCR-DIST-L**

SERVING: **MCR BUILDING**

PANEL (N)MCR-LN-105C

225 AMP BUS RATING | **225 AMP** MAIN BREAKER

SCCR: **22,000 A** AFC:

FEED: **TOP** MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	BLDG CARD READERS (1)	D	1.600	20/1	A	20/1	-	S	SPARE (1)	2
3	FIRE SMOKE DAMPERS (1)	D	1.000	20/1	B	20/1	-	S	SPARE (1)	4
5	MCR EPO SYSTEM (1)(2)	D	0.500	20/1	C	20/1	-	S	SPARE (1)	6
7	MCR EPO SYSTEM (1)(2)	D	0.500	20/1	A	20/1	-	S	SPARE (1)	8
9	SPARE (1)	S	-	20/1	B	20/1	-	S	SPARE (1)	10
11	SPARE (1)	S	-	20/1	C	20/1	-	S	SPARE (1)	12
13	SPARE (1)	S	-	20/1	A	20/1	-	S	SPARE (1)	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30
31	SPACE	S	-	-	A	-	-	S	SPACE	32
33	SPACE	S	-	-	B	-	-	S	SPACE	34
35	SPACE	S	-	-	C	-	-	S	SPACE	36
37	SPACE	S	-	-	A	-	-	S	SPACE	38
39	SPACE	S	-	-	B	-	-	S	SPACE	40
41	SPACE	S	-	-	C	-	-	S	SPACE	42

PHASE LOAD PHASE A= 2.10 KVA PHASE B= 1.00 KVA PHASE C= 0.50 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		3.60									**3.60** KVA	**9.99** AMP
CALCULATED LOAD		3.60									**3.60** KVA	**9.99** AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 20A/1P BREAKER.
2. PROVIDE SHUNT-TRIP BREAKER TIED INTO EPO SYSTEM.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: MCR ELECTRICAL PANEL SCHEDULES

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: MCR

DRAWING NUMBER: **MCR-EJ-003**

VA FORM 08 - 6231

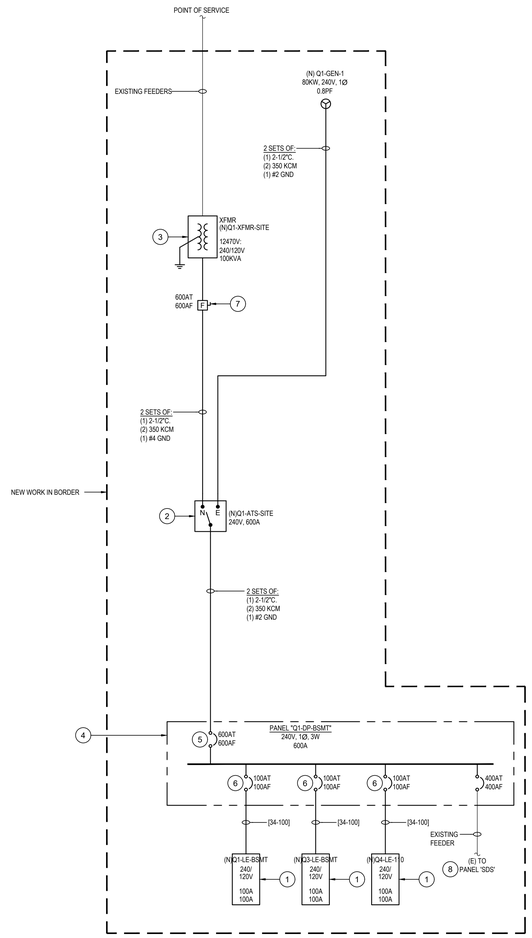
REISSUED 02-18-2026

GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 240V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
2. CONTRACTOR TO PROVIDE NEW 600A, 240V AUTOMATIC TRANSFER SWITCH.
3. CONTRACTOR TO PROVIDE NEW 100KVA TRANSFORMER.
4. CONTRACTOR TO PROVIDE NEW 600A, 240V DISTRIBUTION PANEL.
5. CONTRACTOR TO PROVIDE NEW 600A/2P BREAKER IN NEW DISTRIBUTION PANEL.
6. CONTRACTOR TO PROVIDE NEW 100A/2P BREAKER.
7. CONTRACTOR TO PROVIDE NEW 600A RATED DISCONNECT ENCLOSURE WITH NEW 600A RATED FUSES.
8. EXISTING FEEDERS TO BE REROUTED TO NEW DISTRIBUTION PANEL.



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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG Q1 PARTIAL ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: Q1
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	DRAWING NUMBER: Q1-EJ-001

VA FORM 08 - 6231

REISSUED 02-18-2026

240/120 VOLT | 3 PHASE | 4 WIRE | **PANEL Q1-DP-BSMT** | 600 AMP BUS RATING | 600 AMP MAIN BREAKER

LOCATION: **BSMT** | SUPPLIED BY: **Q1-ATS-SITE** | SCCR: **22,000 A** | AFC:

SERVING: **TE 106A** | FEED: **TOP** | MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	Q1-LE-BSMT (1)	P	14.760	100/2	A	-	-	S	SPACE	2
3	-	-	-	-	B	100/2	14.940	P	Q3-LE-BSMT (1)	4
5	Q4-LE-110 (1)	P	15.440	100/2	C	-	-	-	-	6
7	-	-	-	-	A	-	-	S	SPACE	8
9	SPACE	S	-	-	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 15.38 KVA PHASE B= 14.06 KVA PHASE C= 15.71 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
PANEL Q1-DP-BSMT										KVA	AMP
Q1-LE-BSMT		6.26			0.05	7.73	0.72		4.51	14.76 KVA	35.51 AMP
Q3-LE-BSMT		6.26			0.05	7.73	0.90		4.51	14.94 KVA	35.94 AMP
Q4-LE-110		6.76			0.05	7.73	0.90		4.51	15.44 KVA	37.14 AMP
CONNECTED LOAD		19.28			0.16	23.18	2.52		4.51	45.14 KVA	108.59 AMP
CALCULATED LOAD		19.28			0.20	23.18	2.52		1.13	46.31 KVA	111.40 AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 100A/2P BREAKER

240/120 VOLT | 3 PHASE | 4 WIRE | **PANEL Q4-LE-110** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: **110** | SUPPLIED BY: **Q1-DP-BSMT** | SCCR: **22,000 A** | AFC:

SERVING: **TE 110** | FEED: **TOP** | MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	110 RACK UPS (1)	D	2.880	30/1	A	20/1	0.180	R	EXT CONV RECEPTACLE (3)	2
3	Q4-IU-1 (2)	M	4.512	25/2	B	20/1	0.720	R	110 RECEPTACLES	4
5	-	-	-	-	C	30/1	2.880	D	110 RACK PDU (1)	6
7	Q4-OU-1 (2)	M	3.216	25/2	A	20/1		D	110 DOOR ACCESS CONTROLS (3)	8
9	-	-	-	-	B	20/1	0.500	D	110 ACCESS CONTROL PANEL (3)	10
11	110 LIGHT FIXTURE(3)	L	0.052	20/1	C	-	-	S	SPACE	12
13	110 DDC (3)	D	0.500	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.17 KVA PHASE B= 5.08 KVA PHASE C= 5.19 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		6.76			0.05	7.73	0.90		4.51	15.44 KVA	37.14 AMP
CALCULATED LOAD		6.76			0.07	7.73	0.90		1.13	16.58 KVA	39.89 AMP

NOTES: **NEW WORK IN BOLD**

PROVIDE PANEL WITH LINE-SIDE LUGS CAPABLE OF BEING FED BY #3/0 WIRE

1. PROVIDE NEW 30A/1P BREAKER
2. PROVIDE NEW 25A/2P BREAKER
3. PROVIDE NEW 20A/1P BREAKER

240/120 VOLT | 3 PHASE | 4 WIRE | **PANEL Q1-LE-BSMT** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: **BSMT** | SUPPLIED BY: **Q1-DP-BSMT** | SCCR: **22,000 A** | AFC:

SERVING: **TE 106A** | FEED: **TOP** | MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	106A RACK UPS (1)	D	2.880	30/1	A	20/1		D	106A DOOR ACCESS CONTROLS (3)	2
3	106A Q1-CRAC-1 (2)	M	4.512	25/2	B	20/1	0.720	R	106A RECEPTACLES (3)	4
5	-	-	-	-	C	30/1	2.880	D	106A RACK PDU (1)	6
7	106A Q1-CU-1 (2)	M	3.216	25/2	A	20/1	-	S	SPARE (3)	8
9	-	-	-	-	B	20/1	-	S	SPARE (3)	10
11	106A LIGHT FIXTURE(3)	L	0.052	20/1	C	20/1	-	S	SPARE (3)	12
13	106A DDC (3)	D	0.500	20/1	A	20/1	-	S	SPARE (3)	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 4.99 KVA PHASE B= 4.58 KVA PHASE C= 5.19 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		6.26			0.05	7.73	0.72		4.51	14.76 KVA	35.51 AMP
CALCULATED LOAD		6.26			0.07	7.73	0.72		1.13	15.90 KVA	38.25 AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 30A/1P BREAKER
2. PROVIDE NEW 25A/2P BREAKER
3. PROVIDE NEW 20A/1P BREAKER

240/120 VOLT | 3 PHASE | 4 WIRE | **PANEL Q3-LE-BSMT** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: **110** | SUPPLIED BY: **Q1-DP-BSMT** | SCCR: **22,000 A** | AFC:

SERVING: **TE 110** | FEED: **TOP** | MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	110 RACK UPS (1)	D	2.880	30/1	A	20/1	0.180	R	EXT CONV RECEPTACLE (3)	2
3	Q3-IU-1 (2)	M	4.512	25/2	B	20/1	0.720	R	110 RECEPTACLES	4
5	-	-	-	-	C	30/1	2.880	D	110 RACK PDU (1)	6
7	Q3-OU-1 (2)	M	3.216	25/2	A	20/1		D	110 DOOR ACCESS CONTROLS (3)	8
9	-	-	-	-	B	-	-	S	SPACE	10
11	110 LIGHT FIXTURE (3)	L	0.052	20/1	C	-	-	S	SPACE	12
13	110 DDC (3)	D	0.500	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.17 KVA PHASE B= 4.58 KVA PHASE C= 5.19 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS	MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		6.26			0.05	7.73	0.90		4.51	14.94 KVA	35.94 AMP
CALCULATED LOAD		6.26			0.07	7.73	0.90		1.13	16.08 KVA	38.68 AMP

NOTES: **NEW WORK IN BOLD**

PROVIDE PANEL WITH LINE-SIDE LUGS CAPABLE OF BEING FED BY #3/0 WIRE

1. PROVIDE NEW 30A/1P BREAKER
2. PROVIDE NEW 25A/2P BREAKER
3. PROVIDE NEW 20A/1P BREAKER

Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG Q1, Q3 & Q4 ELECTRICAL PANEL SCHEDULES

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: Q1, Q3 & Q4

DRAWING NUMBER: Q1-EJ-002

VA FORM 08 - 6231

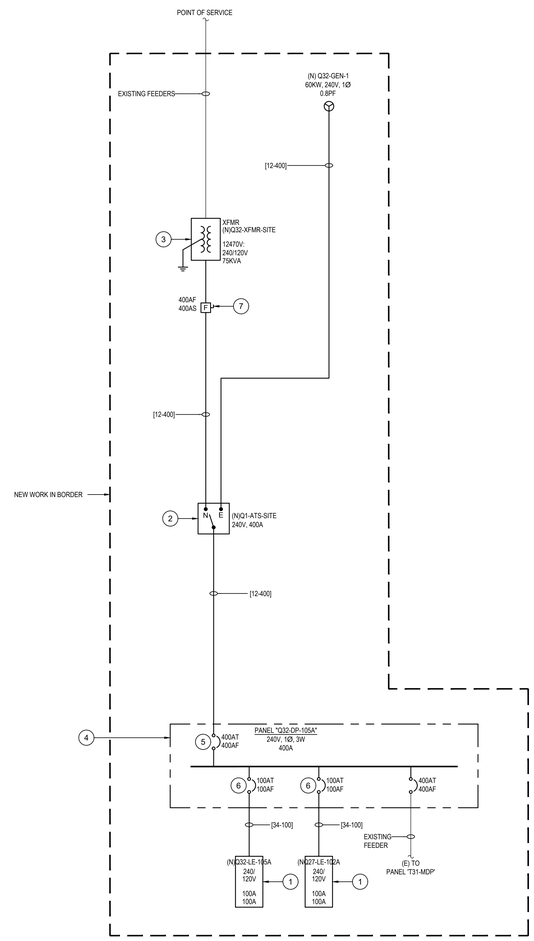
REISSUED 02-18-2026

GENERAL NOTES

1. REFER TO ELECTRICAL FEEDER SCHEDULE ON SHEET 000-EG-001 FOR CONDUIT AND CONDUCTOR SIZING.
2. BUILDING 244 MDP LOAD CALCULATIONS ON 244-EJ-001.

PLAN NOTES

1. CONTRACTOR TO PROVIDE NEW 240V BRANCH PANELBOARD. PROVIDE ALL CONDUIT, CONDUCTORS, AND ALL NECESSARY APPURTENANCES REQUIRED FOR COMPLETE OPERATION.
2. CONTRACTOR TO PROVIDE NEW 400A, 240V AUTOMATIC TRANSFER SWITCH.
3. CONTRACTOR TO PROVIDE NEW 60KVA TRANSFORMER.
4. CONTRACTOR TO PROVIDE NEW 400A, 240V PANEL.
5. CONTRACTOR TO PROVIDE NEW 400A/2P BREAKER IN NEW PANEL.
6. CONTRACTOR TO PROVIDE NEW 100A/2P BREAKER.
7. CONTRACTOR TO PROVIDE NEW 400A RATED DISCONNECT ENCLOSURE WITH NEW 400A RATED FUSES.



Revisions:	Date:

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GDM ARCHITECTS • ENGINEERS

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG Q32 PARTIAL ELECTRICAL ONE-LINE DIAGRAM	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: Q32
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: Q32-EJ-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: MER / DRAWN BY: AJW	

VA FORM 08 - 6231

REISSUED 02-18-2026

240/120 VOLT | 3 PHASE | 4 WIRE | PANEL **Q32-DP-105A** | 400 AMP BUS RATING | 400 AMP MAIN BREAKER

LOCATION: **BSMT** | SUPPLIED BY: **Q32-ATS-SITE** | SCCR: **22,000 A** | AFC:

SERVING: **TE 106A** | FEED: **TOP** | MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	Q32-LE-105A (1)	P	15.080	100/2	A	-	-	S	SPACE	2
3	-	-	-	-	B	100/2	15.440	P	Q27-LE-104 (1)	4
5	SPACE	S	-	-	C	-	-	-	-	6
7	SPACE	S	-	-	A	-	-	S	SPACE	8
9	SPACE	S	-	-	B	-	-	S	SPACE	10
11	SPACE	S	-	-	C	-	-	S	SPACE	12
13	SPACE	S	-	-	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 12.87 KVA PHASE B= 19.98 KVA PHASE C= 13.11 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
PANEL Q32-DP-105A											KVA	AMP
Q32-LE-105A		6.76			0.05		7.73	0.54		4.51	15.08 KVA	36.28 AMP
Q27-LE-104		6.76			0.05		7.73	0.90		4.51	15.44 KVA	37.14 AMP
CONNECTED LOAD		13.52			0.10		15.46	1.44		4.51	30.52 KVA	73.42 AMP
CALCULATED LOAD		13.52			0.13		15.46	1.44		1.13	31.67 KVA	76.20 AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 100A/2P BREAKER.

240/120 VOLT | 3 PHASE | 4 WIRE | PANEL **Q32-LE-105A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: **105A** | SUPPLIED BY: **B32-DP-105A** | SCCR: **22,000 A** | AFC:

SERVING: **TE 105B** | FEED: **TOP** | MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	105B RACK UPS (1)	D	2.880	30/1	A	20/1	0.180	R	EXT CONV RECEPTACLE (3)	2
3	Q32-IU-1 (2)	M	4.512	25/2	B	20/1	0.360	R	105B RECEPTACLES (3)	4
5	-	-	-	-	C	30/1	2.880	D	105B RACK PDU (1)	6
7	Q32-OU-1 (2)	M	3.216	25/2	A	20/1		D	105B DOOR ACCESS CONTROLS (3)	8
9	-	-	-	-	B	20/1	0.500	D	105B ACCESS CONTROL PANEL (3)	10
11	105B LIGHT FIXTURE (3)	L	0.052	20/1	C	-	-	S	SPACE	12
13	105B DDC (3)	D	0.500	20/1	A	-	-	S	SPACE	14
15	SPACE	S	-	-	B	-	-	S	SPACE	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.17 KVA PHASE B= 4.72 KVA PHASE C= 5.19 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		6.76			0.05		7.73	0.54		4.51	15.08 KVA	36.28 AMP
CALCULATED LOAD		6.76			0.07		7.73	0.54		1.13	16.22 KVA	39.02 AMP

NOTES: **NEW WORK IN BOLD**

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 25A/2P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.

240/120 VOLT | 3 PHASE | 4 WIRE | PANEL **Q27-LE-102A** | 100 AMP BUS RATING | 100 AMP MAIN BREAKER

LOCATION: **105A** | SUPPLIED BY: **Q32-DP-105A** | SCCR: **22,000 A** | AFC:

SERVING: **TE 104** | FEED: **TOP** | MOUNTING: **SURFACE**

CKT	LOAD	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	LOAD	CKT
1	102A RACK UPS (1)	D	2.880	30/1	A	20/1	0.180	R	EXT CONV RECEPTACLE (3)	2
3	Q27-IU-1 (2)	M	4.512	25/2	B	20/1	0.720	R	102A RECEPTACLES	4
5	-	-	-	-	C	30/1	2.880	D	102A RACK PDU (1)	6
7	Q27-OU-1 (2)	M	3.216	25/2	A	20/1		D	102A DOOR ACCESS CONTROLS (3)	8
9	-	-	-	-	B	20/1	0.500	D	102A ACCESS CONTROL PANEL (3)	10
11	102A LIGHT FIXTURE(3)	L	0.052	20/1	C	20/1	-	S	SPARE (3)	12
13	102A DDC (3)	D	0.500	20/1	A	20/1	-	S	SPARE (3)	14
15	SPARE (3)	S	-	20/1	B	20/1	-	S	SPARE (3)	16
17	SPACE	S	-	-	C	-	-	S	SPACE	18
19	SPACE	S	-	-	A	-	-	S	SPACE	20
21	SPACE	S	-	-	B	-	-	S	SPACE	22
23	SPACE	S	-	-	C	-	-	S	SPACE	24
25	SPACE	S	-	-	A	-	-	S	SPACE	26
27	SPACE	S	-	-	B	-	-	S	SPACE	28
29	SPACE	S	-	-	C	-	-	S	SPACE	30

PHASE LOAD PHASE A= 5.17 KVA PHASE B= 5.08 KVA PHASE C= 5.19 KVA

LOAD TYPE	APPL	DED	HEAT	KITCH	LTS		MTR	RCPT	WTR HTR	LRG MTR	TOTAL LOADS	
CONNECTED LOAD		6.76			0.05		7.73	0.90		4.51	15.44 KVA	37.14 AMP
CALCULATED LOAD		6.76			0.07		7.73	0.90		1.13	16.58 KVA	39.89 AMP

NOTES: **NEW WORK IN BOLD**

PROVIDE PANEL WITH LINE-SIDE LUGS CAPABLE OF BEING FED BY #2/0 WIRE

1. PROVIDE NEW 30A/1P BREAKER.
2. PROVIDE NEW 25A/2P BREAKER.
3. PROVIDE NEW 20A/1P BREAKER.

Revisions:	Date:

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STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

U.S. Department of Veterans Affairs

DRAWING TITLE: BLDG Q27 & Q32 ELECTRICAL PANEL SCHEDULES

APPROVED:

PHASE: 100% CONSTRUCTION DOCUMENTS

FLS: FULLY SPRINKLERED

PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME

LOCATION: TOGUS VA MEDICAL CENTER

ISSUE DATE: NOVEMBER 10, 2025 | CHECKED BY: MER | DRAWN BY: AJW

PROJECT NUMBER: 402-22-700

BUILDING NUMBER: Q27

DRAWING NUMBER: Q32-EJ-002

VA FORM 08 - 6231

REISSUED 02-18-2026

CODES AND STANDARDS

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
- NFPA 1 FIRE CODE, 2021
- NFPA 10 STANDARD FOR PORTABLE FIRE EXTINGUISHERS, 2022
- NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2022
- NFPA 24: STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES, 2022
- NFPA 70 NATIONAL ELECTRICAL CODE, 2020
- NFPA 70E STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE, 2021
- NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE, 2022
- NFPA 75 STANDARD FOR THE FIRE PROTECTION OF INFORMATION TECHNOLOGY EQUIPMENT, 2020
- NFPA 101 LIFE SAFETY CODE, 2021
- NFPA 241: STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, 2022
- NFPA 291: RECOMMENDED PRACTICE FOR WATER FLOW TESTING AND MARKING OF HYDRANTS, 2022
- NFPA 2001 STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2022

DEPARTMENT OF VETERANS AFFAIRS
- VA FIRE PROTECTION DESIGN MANUAL, NINTH, NOVEMBER 1ST, 2023

DEFINITIONS

1. **TELECOMMUNICATIONS SPACE:** AN AREA USED FOR HOUSING THE INSTALLATION AND TERMINATION OF TELECOMMUNICATIONS EQUIPMENT AND CABLE. TELECOMMUNICATIONS SPACES INCLUDE ENTRANCE ROOMS, DATA CENTERS, MAIN COMPUTER ROOMS, HORIZONTAL PATHWAYS, VERTICAL PATHWAYS, ETC. THE TERM "TELECOMMUNICATIONS SPACES" IS USED INTERCHANGEABLY WITH THE TERM "IT SUPPORT SPACE."
   - A. DATA CENTER ROOM 111 IS A TELECOMMUNICATION SPACE WITH A ANSI/TIA-942-B PLANNED RATING OF 3.
   - B. ENTRANCE ROOM A 100 AND ENTRANCE ROOM B 112 ARE TELECOMMUNICATION SPACES WITH ANSI/TIA-942-B PLANNED RATING OF 1 AS IDENTIFIED IN THE OIT INFRASTRUCTURE STANDARD FOR TELECOMMUNICATION SPACES, TABLE 3.
   - C. PER THE VA AHJ AND HEFP CORRESPONDENCE 9/28/2024: ENTRANCE ROOMS ARE CLASSIFIED AS NETWORK SUPPORT CENTERS (NSC), JUST AS A TELECOMMUNICATIONS ROOM (TR). THEREFORE, THEY ARE BOTH SUBJECT TO FPDM, SECTION 3.7-C, RATING 1. ENTRANCE ROOMS ARE NOT REQUIRED TO BE PROVIDED WITH FIRE PROTECTION SUCH AS FIRE RATED WALLS, SMOKE DETECTION, OR A GASEOUS SUPPRESSION SYSTEM.
2. **TELECOMMUNICATIONS ROOM (TR)**: A TELECOMMUNICATIONS SPACE THAT DIFFERS FROM EQUIPMENT ROOMS AND ENTRANCE ROOMS IN THAT THIS SPACE IS A FLOOR-SERVING SPACE THAT PROVIDES A CONNECTION POINT BETWEEN BACKBONE AND HORIZONTAL CABLING. THE TERMS "CLOSET," "TELECOM CLOSET," "PHONE CLOSET," "INTERMEDIATE DISTRIBUTION FRAME (IDF)," ETC. ARE NO LONGER USED. BLUEPRINTS ARE TO USE THE ABBREVIATION "TR."
   - A. THE TYPICAL TELECOMMUNICATION ROOM FOR THIS PROJECT HAS AN ANSI/TIA-942-B PLANNED RATING OF 1 AS IDENTIFIED IN THE OIT INFRASTRUCTURE STANDARD FOR TELECOMMUNICATION SPACES, TABLE 3.

FIRE EXTINGUISHERS

1. PROVIDE NEW CLEAN AGENT OR CO2 EXTINGUISHERS AND NEW FIRE EXTINGUISHER CABINETS FOR ALL TELECOMMUNICATIONS ROOMS (TRs) AND TELECOMMUNICATION ENCLOSURES (TEs) OUTSIDE OF THE ROOM, BUT NO GREATER THAN 75 FEET AWAY. THE TOTAL QUANTITY OF TR AND TE CLEAN AGENT FIRE EXTINGUISHERS AND CABINETS REQUIRED TO BE PROVIDED BY THE CONTRACTOR FOR THESE SPACES IS QUANTITY 37.
2. PROVIDE TWO NEW CLEAN AGENT OR CO2 EXTINGUISHERS AND TWO FIRE EXTINGUISHER CABINETS FOR THE MAIN COMPUTER ROOM WITHIN THE MCR.
3. PROVIDE NEW CLEAN AGENT OR CO2 FIRE EXTINGUISHER AND FIRE EXTINGUISHER CABINET FOR BOTH ENTRANCE ROOM A 100 AND ENTRANCE ROOM B 112.
4. PROVIDE MULTI-PURPOSE (ABC) PORTABLE, UL-RATED FIRE EXTINGUISHER RATED 2A:10B:C :10-LB NOMINAL CAPACITY FIRE EXTINGUISHER IN RECESSED CABINET AT MCR CORRIDOR 115.
5. PROVIDE PROVIDE TWO FIRE EXTINGUISHER(S) WITH A MINIMUM RATING OF 40-B, NOMINAL 20 LB CAPACITY, AND A MINIMUM TRAVEL DISTANCE OF 30 FT WITHIN THE UTILITY YARD TO PROTECT THE GENERATOR. PROVIDE WALL MOUNTED OUTDOOR ENCLOSURES.
6. PROVIDE FLAG TYPE FIRE EXTINGUISHER SIGNAGE FOR EVERY NEW FIRE EXTINGUISHER LOCATION. SIGN TYPE SHALL BE 9" HIGH X 9" WIDE, ACRYLIC PLAQUE WITH ALUMINUM BRACKET FOR FLAG MOUNTING. GRAPHIC PROCESS SHALL BE DIRECT DIGITAL PRINT ON SECOND SURFACE OR SILK-SCREENED. SEE SHEET 00-FP-002 FOR ADDITIONAL DETAILS.

FIRESTOPPING OF WALL PENETRATIONS

1. AS OUTLINED IN SPECIFICATION 07 84 00, THE CONTRACTOR IS REQUIRED TO PROVIDE UL OR EQUIVALENT FIRESTOPPING SYSTEMS FOR THE CLOSURES OF OPENINGS IN WALLS, FLOORS, AND ROOF DECKS AGAINST PENETRATION OF FLAME, HEAT AND SMOKE OR GASES IN FIRE RESISTANT RATED CONSTRUCTION.
2. AS OUTLINED IN SPECIFICATION 07 84 00, THE CONTRACTOR IS REQUIRED TO PROVIDE UL OR EQUIVALENT FIRESTOPPING SYSTEMS FOR THE CLOSURES OF OPENINGS IN WALLS, FLOORS, AND ROOF DECKS AGAINST PENETRATION OF FLAME, HEAT AND SMOKE OR GASES IN FIRE RESISTANT RATED CONSTRUCTION.
3. THE CONTRACTOR IS REQUIRED TO ENGAGE A QUALIFIED THIRD PARTY INSPECTOR TO PERFORM INSPECTIONS AND FINAL REPORTS OF ALL FIRESTOPPING SYSTEMS AND FIRE CAULKING.
4. A UL OR EQUIVALENT LISTED FIRESTOPPING SYSTEM IS REQUIRED FOR ALL RATED WALLS AND PENETRATIONS THROUGH RATED WALLS, INCLUDING BUT NOT LIMITED TO: CABLE TRAY PENETRATIONS, OTHER CABLE PENETRATIONS, PIPE PENETRATIONS, DUCT PENETRATIONS, AND 1 HOUR, 2 HOUR, AND 3 HOUR RATED WALL ASSEMBLIES.
5. THE CONTRACTOR MUST SUBMIT ALL PROPOSED PENETRATIONS ASSEMBLIES TO THE VA PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR MUST IDENTIFY THE UL SYSTEM NUMBER PROPOSED FOR THE PENETRATION ASSEMBLIES. PRODUCT DATA ALONE WILL NOT BE ACCEPTABLE. THE FIRESTOPPING ASSEMBLY MUST BE INSTALLED AND INSPECTED ACCORDING TO THE UL SYSTEM NUMBER.
6. THE CONTRACTOR MUST SEAL ANY PENETRATIONS IN RATED WALLS THAT ARE ABANDONED DUE TO WORK COMPLETED FOR THIS SCOPE IN ACCORDANCE WITH A LISTED PENETRATION ASSEMBLY CORRESPONDING TO THE APPROPRIATE RATING OF THE BARRIER BEING PENETRATED.

FLOW TEST

1. IT IS THE RESPONSIBILITY OF THIS PROJECT'S CONTRACTOR TO PROVIDE A NEW WATER SUPPLY FLOW TEST IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13 AND NFPA 291, PRIOR TO SUBMITTING FIRE SPRINKLER SHOP DRAWINGS.

TEMPORARY FIRE SUPPRESSION, AND SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS

1. A FIRE WATCH MUST BE PROVIDED BY THE CONTRACTOR WHEN A FIRE ALARM OR SPRINKLER SYSTEM IS OUT OF SERVICE MORE THAN 4 HOURS IN A 24-HOUR PERIOD IN AN OCCUPIED BUILDING. NOTIFICATION AND FIRE WATCH TIMES ARE TO BE DOCUMENTED.
2. EXISTING SPRINKLER SYSTEM IS TO BE MAINTAINED AS OPERATIONAL THROUGHOUT CONSTRUCTION.
3. IN ACCORDANCE WITH NFPA 241, EITHER TEMPORARY RATED CONSTRUCTION BARRIERS OR CONTINUED FIRE SPRINKLER COVERAGE ARE REQUIRED FOR FIRE SAFETY PROTECTION DURING CONSTRUCTION. CONTINUOUS FIRE SPRINKLER COVERAGE MUST COMPLY AS FOLLOWS: IN AREAS WHERE AN EXISTING DROP CEILING IS REMOVED FOR CONSTRUCTION DUE TO THIS SCOPE OF WORK, NEW UPRIGHT SPRINKLERS ARE REQUIRED TO BE PROVIDED TO MATCH THE DECK HEIGHT ABOVE. DROP CEILINGS THAT ARE TEMPORARILY REMOVED REQUIRE NEW UPRIGHT SPRINKLER HEADS TO BE TEMPORARILY INSTALLED UNTIL THE NEW DROP CEILING IS INSTALLED AND NEW PENDENT SPRINKLERS ARE INSTALLED. ANY SPRINKLER WHICH IS REQUIRED TO REVERT TO PENDENT INSTALLATION MUST BE REPLACED WITH A NEW PENDENT SPRINKLER. SPRINKLERS CANNOT BE REMOVED AND REINSTALLED.
4. COORDINATE DEMOLITION OF EXISTING DROP CEILINGS WITH FIRE SPRINKLER CONTRACTOR TO AVOID LAPSE IN FIRE SUPPPRESSION COVERAGE.
5. PER NFPA 241-2022 EDITION, 8.7.3.1 - IF AUTOMATIC SPRINKLER PROTECTION IS TO BE PROVIDED, THE INSTALLATION SHALL BE PLACED IN SERVICE AS SOON AS PRACTICABLE

FIRE SPRINKLER GENERAL NOTES

1. CONTRACTORS FOR SUPPRESSION SYSTEMS ARE REQUIRED TO PROVIDE CALCULATIONS AND WORKING DRAWINGS FOR NEW SYSTEMS INCLUDING THE NEW MAIN COMPUTER ROOM BUILDING.
2. SHOP DRAWINGS AND HYDRAULIC CALCULATIONS ARE NOT REQUIRED FOR TELECOMMUNICATION ROOM FIRE SPRINKLER MODIFICATIONS.
3. SPRINKLER SHOP DRAWINGS SHALL BE APPROVED PRIOR TO THE INSTALLATION OF ANY PIPE. A SET OF APPROVED PLANS SHALL BE MAINTAINED AT ALL TIMES.
4. ALL PIPE LOCATIONS ARE TO BE FIELD MEASURED PRIOR TO FABRICATION AND INSTALLATION BY SPRINKLER CONTRACTOR.
5. ALL PIPING IS SHOWN FOR SCHEMATIC PURPOSES ONLY. CONTRACTOR TO PROVIDE PIPING LAYOUT AND ARRANAGEMENT ON SHOP DRAWINGS.
6. ALL PIPES AND HANGERS ARE TO BE INSTALLED PER NFPA 13 (2022).
7. HANGERS ARE TO BE U.L. LISTED OR F.M. APPROVED.
8. PROVIDE SEISMIC PROTECTION IN ACCORDANCE WITH NFPA 13. SEISMICITY OF THIS STATION IS MODERATE LOW IN ACCORDANCE WITH VA SEISMIC RISK DEFINITIONS, JULY 1, 2023. SPECTRAL RESPONSE ACCELERATION PARAMETER S_S = 0.31, S_1 = 0.068. IDENTIFY SEISMIC PROTECTION ON THE FIRE SPRINKLER SHOP DRAWINGS.
9. ALL VALVES SHALL HAVE A PERMANENTLY AFFIXED SIGN INDICATING FUNCTION AND BUILDING PROTECTED.
10. ALL VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS SHALL BE ELECTRICALLY SUPERVISED BY AN APPROVED CENTRAL STATION.
11. SPRINKLER PIPE AND FITTINGS MUST BE METAL.
12. PIPE JOINTS MUST CONFORM TO NFPA 13
13. FITTINGS, MECHANICAL COUPLINGS, AND RUBBER GASKETS MUST BE PRODUCTS OF THE SAME MANUFACTURER.
14. THE INSTALLER SHALL PERFORM ALL REQUIRED ACCEPTANCE TESTS IN THE PRESENCE OF THE FIRE INSPECTOR
15. ALL SYSTEM PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS OR AT 50 PSI ABOVE THE SYSTEM OPERATING PRESSURE, WHICHEVER IS GREATER.
16. PORTION OF PIPING SERVING THE MAIN COMPUTER ROOM SHALL BE SLOPED TO ALLOW PIPING TO DRAIN COMPLETELY TO MINIMIZED TRAPPED WATER.
17. PROVIDE AIR VENTING AT HIGH POINTS IN THE SYSTEM AS REQUIRED BY NFPA 13-2022 16.7
18. ALL NEW SPRINKLER PIPING AND ALL SPRINKLER PIPING EXPOSED BY THE REMOVAL OF CEILINGS SHALL BE PAINTED RED. DO NOT ALLOW ANY PAINT ON SPRINKLER HEADS. PAINTED SPRINKLER HEADS MUST BE REPLACED.

FIRE DETECTION AND NOTIFICATION - GENERAL NOTES

1. THE CONTRACTOR IS REQUIRED TO PROVIDE ALL LABOR, MATERIALS, PROGRAMMING, AND TESTING AS REQUIRED FOR THE INSTALLATION AND INTEGRATION OF ANY NEW FIRE ALARM DEVICES WITH THE EXISTING FIRE ALARM SYSTEM.
2. THE SCOPE OF THIS PROJECT IS TO BRING TELECOMMUNICATION SPACES AND ROOMS WITHIN THE EHRM PROGRAM INTO COMPLIANCE WITH CURRENT CODE REQUIREMENTS. THIS INCLUDES THE MODIFICATION OF EXISTING FIRE ALARM SYSTEMS IN THE SCOPE OF WORK AREAS AND A NEW FIRE ALARM SYSTEM FOR THE MCR BUILDING.
3. THE CONTRACTOR SHALL PROVIDE NEW FIBER CABLE TO MATCH EXISTING FIRE ALARM CAMPUS NETWORK. TERMINATE AT THE FIRE ALARM CONTROL PANEL IN BUILDING 209. PROVIDE A DEDICATED UNDERGROUND CONDUIT RUN FOR THE FIRE ALARM FIBER. PROVIDE NEW CONDUIT IN BUILDING 209.
4. FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR DEVELOPING CALCULATIONS AND SHOP DRAWINGS. SYSTEM MODIFICATION SHALL BE CONSIDERED WITH RESPECT TO FLOOR PLAN CHANGES.
5. NOTIFICATION APPLIANCES SHALL MATCH EXISTING MANUFACTURER AND MODEL OR BE COMPATIBLE WITH THE EXISTING SYSTEM. HORNS AND STROBES SHALL BE WHITE FINISH TO MATCH EXISTING DEVICES.
6. FIRE ALARM INPUT/OUTPUT MATRIX IS PROVIDED FOR NEW DEVICES LOCATED IN THE PROJECT AREA. ALL OTHER INPUTS SHALL MATCH EXISTING PANEL.
7. THE CONTRACTOR MUST PROVIDE BOTH AUDIBLE AND VISUAL ALARMS THROUGHOUT THE NEW SPACES TO MEET NFPA AND VA REQUIREMENTS. PROVIDE SMOKE DETECTION IN TELECOMMUNICATION SPACES IN ACCORDANCE WITH VA FIRE PROTECTION DESIGN MANUAL SECTION 3.7.C AND NFPA 72.
8. THE CONTRACTOR SHALL REMOVE ALL EXISTING FIRE ALARM DETECTION AND NOTIFICATION DEVICES LOCATED WITHIN TELECOMMUNICATION ROOMS, INCLUDING ASSOCIATED CONDUIT, CABLING, AND BACKBOXES. PROVIDE ALL REQUIRED REPROGRAMMING, ADDRESS REASSIGNMENTS, AND PANEL UPDATES NECESSARY TO FULLY IMPLEMENT THE MODIFICATION AND MAINTAIN SYSTEM INTEGRITY. THE CONTRACTOR SHALL ASSUME THAT ALL TELECOMMUNICATION ROOMS CONTAIN FIRE ALARM INITIATION AND NOTIFICATION DEVICES REQUIRING DEMOLITION AND VERIFY CONDITIONS IN THE FIELD PRIOR TO WORK.
9. ALL NEW FIRE ALARM WIRING IS TO BE INSTALLED IN STEEL EMT CONDUIT. CONDUIT SHALL BE FACTORY PAINTED COLOR RED.

VA TOGUS MEDICAL CENTER SCOPE OF WORK FOR TELECOMMUNICATION ROOM AND MAIN COMPUTER ROOM FIRE SPRINKLER AND FIRE ALARM

					Light Hazard[A]	Ordinary Hazard Group 1[B]	Ordinary Hazard Group 2[C]	Smoke Detection Required[D]	Clean Agent Fire Extinguisher and Cabinet Required
TELECOMMUNICATION ROOMS					**A**	**B**	**C**	**D**	**E**
	Building	**Floor**	**TR**	**Room**					
1	Building 200	Ground	TR #7A	C009A	●			No	Yes
2	Building 200	Level 1	TR #8A	196A	●			No	Yes
3	Building 200	Level 1	TR #8C	149	●			No	Yes
4	Building 200	Level 2	TR #9A	210	●			No	Yes
5	Building 200	Level 3	TR #10A	358J	●			No	Yes
6	Building 200	Level 4	TR #11	413	●			No	Yes
7	Building 200	Level 5	TR #12	C501B	●			No	Yes
8	Building 200	Level 6	TR #13	635	●			No	Yes
9	Building 200E	Ground	TR #7B	E131I	●			No	Yes
10	Building 200E	Level 1	TR #8B	E122	●			No	Yes
11	Building 200E	Level 2	TR #9B	E201	●			No	Yes
12	Building 200E	Level 3	TR #10B	E341	●			No	Yes
13	Building 201	Basement	TE #37A	001A	●			No	Yes
14	Building 201	Level 1	TE #37B	001A	●			No	Yes
15	Building 202	Level 2	TR #44	207E	●			No	Yes
16	Building 203	Level 3	TR #17	302	●			No	Yes
17	Building 204	Level 2	TR #19	200A	●			No	Yes
18	Building 205	Level 1	TR #20	108B	●			No	Yes
19	Building 205	Level 2	TR #21	230A	●			No	Yes
20	Building 205	Level 3	TR #22	307E	●			No	Yes
21	Building 206	Level 1	TR #23	145A	●			No	Yes
22	Building 206	Level 2	TR #24	213/215	●			No	Yes
23	Building 206	Level 3	TR #25	366	●			No	Yes
24	Building 207	Level 1	TR #26	132A	●			No	Yes
25	Building 207	Level 2	TR #27	207/201	●			No	Yes
26	Building 207	Level 3	TR #28	307A	●			No	Yes
27	Building 208	Level 1	TR #29	107	●			No	Yes
28	Building 209	Level 1	TR #30	123A	●			No	Yes
29	Building 209	Level 2	TR #31	203B	●			No	Yes
30	Building 210	Level 1	TR #32	109	●			No	Yes
31	Building 211	Level 1	TE #33	101A	●			No	Yes
32	Building 212	Level 1	TE #34	100F	●			No	Yes
33	Building 221	Level 1	TR #35	109	●			No	Yes
34	Building 232	Level 2	TR #36	202	●			No	Yes
35	Building 239	Level 1	TE #37B	100-239	●			No	Yes
36	Building 240	Level 1	TR #38	01P	●			No	Yes
37	Building 255	Level 1	TE #42	106	●			No	Yes
MAIN COMPUTER ROOM									
38	MCR	Level 1	Entrance Room A	100		●		Yes	Yes
39	MCR	Level 1	Receiving	101			●	No	No
40	MCR	Level 1	Unbox	102			●	No	No
41	MCR	Level 1	Supplies	103			●	No	No
42	MCR	Level 1	Mechanical	104		●		No	No
43	MCR	Level 1	Electrical	105		●		No	No
44	MCR	Level 1	HAC	106		●		No	No
45	MCR	Level 1	Clean Agent	107		●		Yes - Above RSFACU only	No
46	MCR	Level 1	Toilet	108	●			No	No
47	MCR	Level 1	Exterior Storage	109			●	No	No
48	MCR	Level 1	Workstations	110	●			No	No
49	MCR	Level 1	Data Center	111		●		No	Yes - Quantity 2
50	MCR	Level 1	Entrance Room B	112		●		Yes	Yes
51	MCR	Level 1	Vestibule	113	●			Yes - Above FACP only	No
52	MCR	Level 1	Corridor	114	●			No	No
53	MCR	Level 1	Corridor	115	●			No	No
54	MCR	Level 1	Utility Yard					No	No
					A	**B**	**C**	**D**	**E**

● THIS SYMBOL INDICATES SCOPE INCLUDED AS PART OF THIS CONSTRUCTION CONTRACT. "YES" ALSO INDICATES SCOPE INCLUDED AS PART OF THIS CONTRACT.

NOTES:

A. FOR ALL TELECOMMUNICATION ROOMS, THE CONTRACTOR IS REQUIRED TO PROVIDE NEW UL LISTED MECHANICAL GUARDS AND INTERMEDIATE TEMPERATURE, STANDARD RESPONSE, FUSIBLE LINK SPRINKLERS. REUSE OF EXISTING FIRE SPRINKLERS IN TELECOMMUNICATION ROOMS IS NOT PERMITTED.FIRE SPRINKLER MODIFICATIONS WILL BE LIMITED TO SPACES BEING REMODELED AND IMPACTED ADJACENT SPACES, HOWEVER, THE EXISTING SPACES ARE SERVED BY PVC BRANCH LINES THAT WILL NEED TO BE REPLACED IN FULL WITH SCHEDULE 40 PIPE.
B. ORDINARY HAZARD GROUP 1 CLASSIFICATIONS REQUIRED PER VA MASTER SPECIFICATION 21 13 13 1.3.A.2.b
C. ORDINARY HAZARD GROUP 2 CLASSIFICATIONS REQUIRED PER VA MASTER SPECIFICATION 21 13 13 1.3.A.2.c
D. THE TELECOMMUNICATIONS ROOMS HAVE BEEN DESIGNATED AS AN ANSI/TIA-942-B RATING 1 SPACE/NON-MISSION CRITICAL AND WILL THEREFORE NOT REQUIRE SMOKE DETECTION IN ACCORDANCE WITH VA FIRE PROTECTION DESIGN MANUAL SECTION 3.7.C.

FIRE SUPPRESSION SUMMARY FOR TELECOMMUNICATION ROOMS

1. EXISTING SPRINKLERS SHALL NOT BE REINSTALLED AFTER REMOVAL.
2. EXISTING AND NEW TELECOMMUNICATION ROOMS WILL BE PROTECTED BY THE EXISTING SPRINKLER SYSTEM AND WILL NOT BE PROVIDED WITH ANY ADDITIONAL FIRE PROTECTION SUCH AS FIRE RATED WALLS, SMOKE DETECTION, OR A GASEOUS SUPPRESSION SYSTEM.
3. EXISTING FIRE SPRINKLER LAYOUTS MUST BE MODIFIED AS NEEDED FOR NEW CEILING CONFIGURATIONS AND OBSTRUCTIONS IN ACCORDANCE WITH NFPA 13.
4. IN AREAS WHERE AN EXISTING DROP CEILING IS REMOVED FOR CONSTRUCTION DUE TO THIS SCOPE OF WORK, NEW UPRIGHT SPRINKLERS ARE REQUIRED TO BE PROVIDED TO MATCH THE DECK HEIGHT ABOVE.
5. IN AREAS WITH A CEILING HEIGHT CHANGE, THE SPRINKLER LAYOUT MUST ADJUSTED TO THE NEW CEILING HEIGHT IN ACCORDANCE WITH NFPA 13.
6. ALL TELECOMMUNICATION ROOMS TO BE PROTECTED AS LIGHT HAZARD AS DEFINED BY NFPA 13.
7. PROVIDE INTERMEDIATE TEMPERATURE, STANDARD RESPONSE, FUSIBLE LINK SPRINKLERS FOR ALL TELECOMMUNICATION ROOMS, ENCLOSURES, AND ENTRANCE ROOMS. PROVIDE LISTED MECHANICAL GUARDS.
8. IT IS NOT PERMITTED TO MIX STANDARD AND QUICK RESPONSE SPRINKLERS WITHIN A COMPARTMENT AS DEFINED BY NFPA 13

FIRE SUPPRESSION SUMMARY FOR TELECOMMUNICATION SPACES

1. A CLEAN AGENT SUPPRESSION SYSTEM IS REQUIRED TO BE PROVIDED IN THE MAIN COMPUTER ROOM AS REQUIRED BY VA FIRE PROTECTION DESIGN MANUAL SECTION 3.7.B AND WILL COMPLY WITH NFPA 2001.
2. IN ACCORDANCE WITH THE VA FIRE PROTECTION DESIGN MANUAL, TELECOMMUNICATION SPACES SHALL BE PROVIDED WITH COMPLETE WET PIPE SPRINKLER SYSTEM COVERAGE. SPRINKLERS MUST BE FUSIBLE LINK SPRINKLERS LISTED AS STANDARD RESPONSE HEADS, INTERMEDIATE TEMPERATURE, AND PROVIDED LISTED MECHANICAL GUARDS.

FIRE SPRINKLER AND MAIN TESTING

1. THE FIRE PROTECTION CONTRACTOR SHALL PERFORM ALL HYDROSTATIC PRESSURE TESTING, FLUSHING, AND ACCEPTANCE TESTING IN ACCORDANCE WITH NFPA 13, NFPA 24, AND THE VA FIRE PROTECTION DESIGN MANUAL, INCLUDING BUT NOT LIMITED TO THE FOLLOWING MINIMUM TESTS.
2. **UNDERGROUND PIPING:**
   - A. PERFORM HYDROSTATIC PRESSURE TEST AND FLUSHING OF THE UNDERGROUND FIRE SERVICE MAIN PRIOR TO CONNECTION TO THE BUILDING SYSTEM.
   - B. TESTING SHALL COMPLY WITH NFPA 24.
   - C. DOCUMENT RESULTS USING THE NFPA 24 CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING.
3. **ABOVEGROUND SPRINKLER SYSTEM:**
   - A. PERFORM HYDROSTATIC PRESSURE TEST OF THE FIRE SPRINKLER SYSTEM PER NFPA 13.
   - B. SUBMIT RESULTS USING THE NFPA 13 CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR ABOVEGROUND PIPING (FORM ATTACHED IF THE CONTRACTOR DOES NOT HAVE THEIR OWN).
4. **BACKFLOW PREVENTER:**
   - A. CONDUCT A FORWARD FLOW TEST OF THE FIRE PROTECTION BACKFLOW PREVENTER ASSEMBLY IN ACCORDANCE WITH NFPA 25 (2019), SECTION 13.7.2 AND LOCAL WATER AUTHORITY REQUIREMENTS.
   - B. TEST SHALL VERIFY THAT FLOW THROUGH THE ASSEMBLY EQUALS OR EXCEEDS THE SYSTEM DEMAND, INCLUDING HOSE ALLOWANCE.
   - C. RECORD AND SUBMIT RESULTS AS PART OF THE FINAL CLOSEOUT DOCUMENTATION.

CLEAN AGENT SUPPRESSION SYSTEM LEGEND

- RSFACU — RELEASING SERVICE FIRE ALARM CONTROL UNIT
- SPD — SURGE SUPPRESSION DEVICE
- CA — CLEAN AGENT SYSTEM MANUAL PULL STATION
- CA — CLEAN AGENT SYSTEM ABORT SWITCH
- KM — KEYED MAINTENANCE SWITCH
- SOV — SOLENOID VALVE
- CT — DISCRETE OUTPUT - DRY CONTACT
- CLEAN AGENT SYSTEM DISCHARGE RED STROBE
- CLEAN AGENT SYSTEM PRE-DISCHARGE AMBER STROBE
- Z — ZONE SMOKE DETECTOR
- VS — VALVE SUPERVISORY SWITCH
- PS — PRESSURE SWITCH
- AIM — ADDRESSABLE INPUT MODULE
- CLEAN AGENT ZONE BOUNDARY
- BATT — SECONDARY POWER SUPPLY (BATTERY)

FIRE SPRINKLER SYSTEM LEGEND

- ● PENDENT SPRINKLER
- ● UPRIGHT SPRINKLER

DETAIL AND SECTION VIEW LEGEND

DETAIL/SECTION TITLE

XX — SECTION, DETAIL OR ELEVATION IDENTIFICATION MARK
X-XXX — SECTION, DETAIL OR ELEVATION TITLE
PLATE NUMBER WHERE SECTION, DETAIL OR ELEVATION IS TAKEN

DETAIL CALLOUT SYMBOL

DETAIL NUMBER — XX
PLATE NUMBER WHERE DETAIL IS DRAWN — X-XXX

SECTION CUT SYMBOL

SECTION LETTER — XX
PLATE NUMBER WHERE SECTION IS DRAWN — X-XXX
VIEW SECTION

Revisions:	Date:

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA 11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: FIRE PROTECTION GENERAL NOTES, DIAGRAM, AND LEGEND	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER:
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 000-FP-001
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026

Fire Extinguisher Identification Flag Sign

Size
9" High x 9" Wide
(228.6 mm H x 228.6 mm W)

Description and Use
Fire extinguisher identification sign is a flag sign used to identify a fire extinguisher cabinet.

Use this sign in lieu of sign IN-01.02 except where there is a dead-end corridor in which viewing the sign would be difficult.

Message Configuration
Refer to layout drawing for lettering sizes and dimensions.

Sign Components
Acrylic plaque with aluminum bracket for flag mounting

Graphic Process
Direct digital print on second surface or silk-screened

Colors
Text and Symbol: White
Background: Red
Bracket: Aluminum
Refer to the chart in the Appendix.

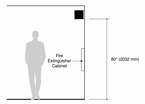
Typography
Helvetica Bold

Mounting
Mechanical fasteners with expandable anchors as needed for wall type

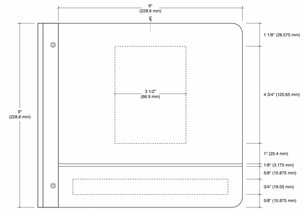
Installation
Mount on wall centered above fire extinguisher cabinet. A flag-mounted sign should always be placed with the bottom of the sign at a minimum height at 80" (2032 mm) for clearance of pedestrians and equipment.

Message Layout

Side A Side B



Fire Extinguisher Identification Flag Sign



Message Layout

Fire Procedure "R.A.C.E." Sign

Size
6" High x 9" Wide
(152.4 mm H x 228.6 mm W)

Description and Use
Fire procedure sign to be installed above fire alarm pull stations as needed.

This sign is optional.

All of the information provided on these signs should be coordinated with the facility personnel who are responsible for the facility fire plan.

Message Configuration
Refer to layout drawing for lettering sizes and dimensions.

Sign Components
Component based sign system

See Section 2.1.5 Construction for applicable component sign system styles.

Graphic Process
Direct digital print on second surface or silk-screened

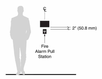
Colors
Text: White
Background: Red
Refer to the chart in the Appendix.

Typography
Helvetica Bold

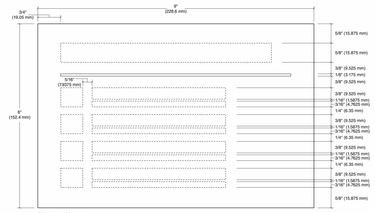
Mounting
Preferred: Concealed mechanical fasteners
Alternate: Double-sided VHB foam tape and silicone adhesive

Installation
Mount on wall adjacent to fire alarm pull station, typically centered 2" (50.8 mm) above.

Message Layout



Fire Procedure "R.A.C.E." Sign



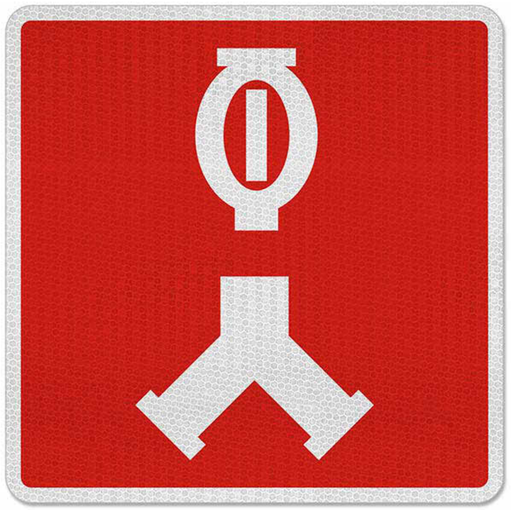
Message Layout

1 FIRE EXTINGUISHER SIGNAGE REQUIREMENTS

NOTE: IT IS THE RESPONSBILITY OF THIS PROJECT'S CONSTRUCTION CONTRACTOR TO PROVIDE NEW SIGNAGE AT ALL LOCATIONS OF CONTRACTOR SUPPLIED FIRE EXTINGUISHERS AND FIRE EXTINGUISHER CABINETS. SIGN TYPE SHALL BE 9" HIGH X 9" WIDE, ACRYLIC PLAQUE WITH ALUMINUM BRACKET FOR FLAG MOUNTING. GRAPHIC PROCESS SHALL BE DIRECT DIGITAL PRINT ON SECOND SURFACE OR SILK-SCREENED. TEXT AND SYMBOL SHALL BE WHITE. BACKGROUND SHALL BE RED. TYPOGRAPHY SHALL BE HELVETICA BOLD. MINIMUM MOUNTING HEIGHT TO THE BOTTOM OF THE SIGN SHALL BE 80". MOUNT CENTERED ABOVE FIRE EXTINGUISHER CABINET. REFER TO VA SIGNAGE DESIGN MANUAL, PG 18-10, SIGN IN-01.31 FOR LAYOUT OF SIGNAGE.

2 UNBOX ROOM 102 SIGNAGE REQUIREMENTS

1. NOTE: IT IS THE RESPONSBILITY OF THIS PROJECT'S CONSTRUCTION CONTRACTOR TO PROVIDE NEW SIGNAGE FOR UNBOX ROOM 102. SIGNAGE SHALL BE SIMILAR TO VA STANDARD SIGN IN-01.03. REFER VA SIGNAGE DESIGN MANUAL, PG 18-10, FOR ADDITIONAL DETAILS IF NECESSARY.
2. PROVIDE TEXT "NOTICE" AND "THIS AREA IS FOR STAGING ONLY. THIS AREA IS NOT TO BE USED AS STORAGE."
3. SIGN TYPE SHALL BE 6" HIGH X 9" WIDE, ACRYLIC PLAQUE.
4. GRAPHIC PROCESS SHALL BE DIRECT DIGITAL PRINT ON SECOND SURFACE OR SILK-SCREENED. TEXT SHALL BE WHITE. BACKGROUND SHALL BE RED. TYPOGRAPHY SHALL BE HELVETICA BOLD.
5. MINIMUM MOUNTING HEIGHT TO THE BOTTOM OF THE SIGN SHALL BE 50".



3 FIRE DEPARTMENT CONNECTION SIGNAGE

NOTE: PROVIDE FIRE DEPARTMENT CONNECTION SIGNAGE CONSISTENT WITH THE "FIRE DEPARTMENT AUTOMATIC SPRINKLER CONNECTION — SIAMESE" SIGN IN NFPA 170 5.2.
PROVIDE 12" SQUARE .040" DIAMOND GRADE REFLECTIVE ALUMINUM.

DATA CENTER DOOR SIGNAGE

WARNING
THIS SPACE IS PROTECTED BY A CLEAN AGENT FIRE EXTINGUISHING SYSTEM.
DO NOT ENTER WITHOUT AUTHORIZATION DURING OR AFTER DISCHARGE

MANUAL ACTIVATION

CLEAN AGENT SYSTEM RELEASE
ACTUATION OF THIS DEVICE WILL CAUSE FIRE SUPPRESSION GAS TO DISCHARGE. BEFORE ACTUATING, ENSURE THAT PERSONNEL ARE CLEAR OF THE AREA

MANUAL ABORT

CLEAN AGENT SYSTEM ABORT
PUSH AND HOLD TO ABORT CLEAN AGENT RELEASE.

PRE-DISCHARGE STROBES

FIRE
CLEAN AGENT RELEASE IS IMMINENT WHEN DEVICE IS ACTIVE.
EXIT AREA.

DISCHARGE STROBES

CLEAN AGENT DISCHARGE

4 CLEAN AGENT SIGNAGE

1. SEE SECTION 21 22 00 CLEAN AGENT FIRE SUPPRESSION SYSTEMS FOR SIGNAGE REQUIREMENTS

Revisions:	Date:

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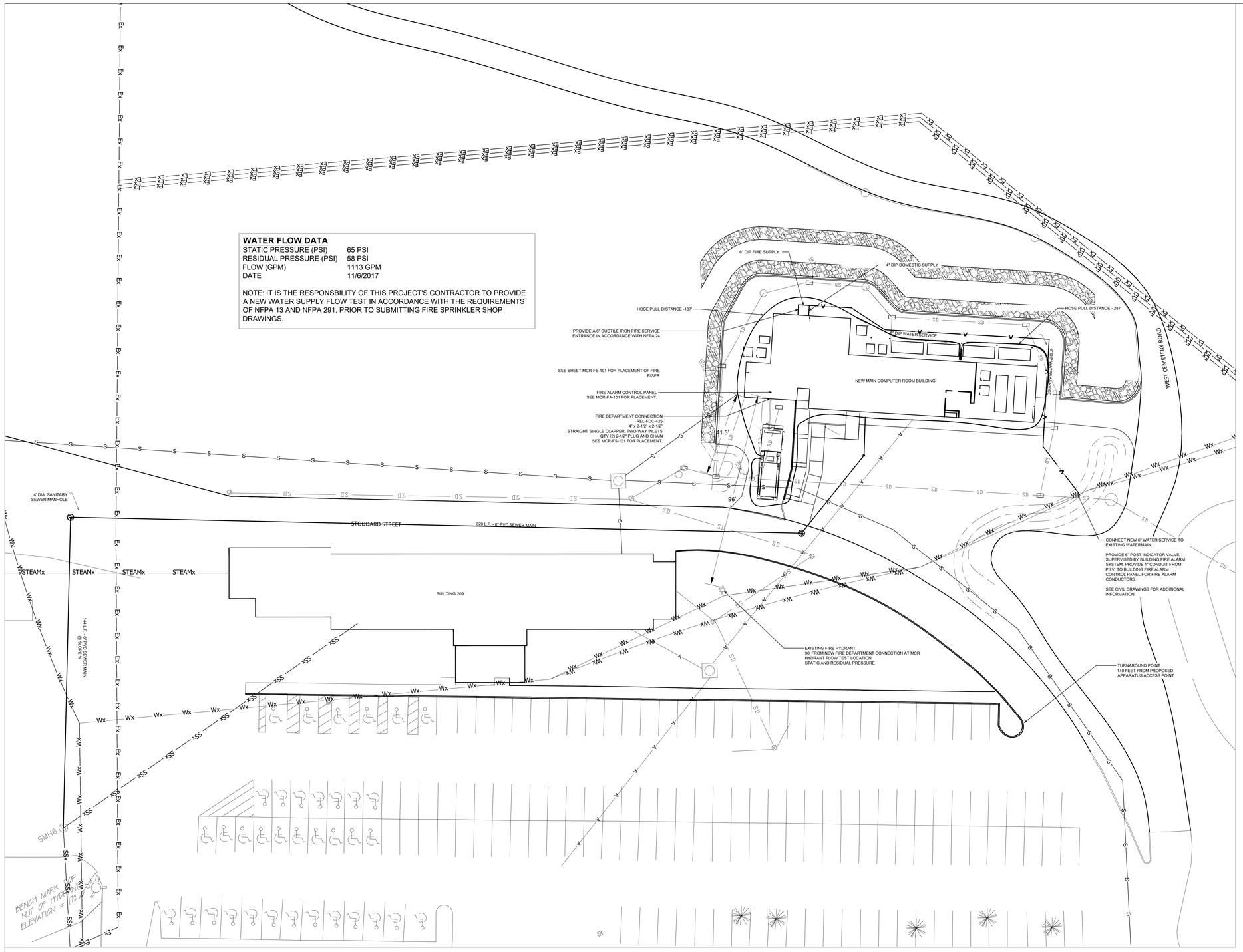
CONRAD L. CHANDLER
FIRE PROTECTION
STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
VA U.S. Department of Veterans Affairs

DRAWING TITLE: FIRE PROTECTION SIGNAGE REQUIREMENTS	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER:
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 000-FP-002
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026



WATER FLOW DATA

STATIC PRESSURE (PSI)	65 PSI
RESIDUAL PRESSURE (PSI)	58 PSI
FLOW (GPM)	1113 GPM
DATE	11/6/2017

NOTE: IT IS THE RESPONSBILITY OF THIS PROJECT'S CONTRACTOR TO PROVIDE A NEW WATER SUPPLY FLOW TEST IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13 AND NFPA 291, PRIOR TO SUBMITTING FIRE SPRINKLER SHOP DRAWINGS.

SITE FIRE PROTECTION NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE IAPMO UNIFORM PLUMBING CODE & NFPA 24, LATEST EDITION.
2. FIRE LINES SHALL USE PIPE MATERIALS UNDERWRITERS LABORATORIES LISTED AND APPROVED FOR FIRE SERVICE.
3. FIRE DEPARTMENT CONNECTION (FDC) LOCATIONS AND SIZES TO BE COORDINATED WITH SPRINKLER CONTRACTOR. PLACEMENT MUST BE WITHIN 150' OF FIRE HYDRANT.

DESCRIPTION OF FIRE DEPARTMENT ACCESS

1. THE PROPOSED ACCESS INCLUDES DRIVEWAY ACCESS ONLY. THE PROPOSED DRIVEWAY IS 20 FEET WIDE. A FIRE APPARATUS WILL NOT BE ABLE TO CIRCULATE AROUND THE NEW MAIN COMPUTER ROOM BUILDING.
2. THE PROPOSED ACCESS INCLUDES A 140 FT DEAD-END ROUTE DOWN STODDARD STREET.

MCR FIRE PROTECTION SITE PLAN

SCALE: 1" = 20'

NORTH

FOR OFFICIAL USE ONLY (FOUO)

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: FIRE PROTECTION SITE PLAN - MCR	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NO.: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NO.: MCR
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: GK / DRAWN BY: CC	DRAWING NO.: 00-FP-003

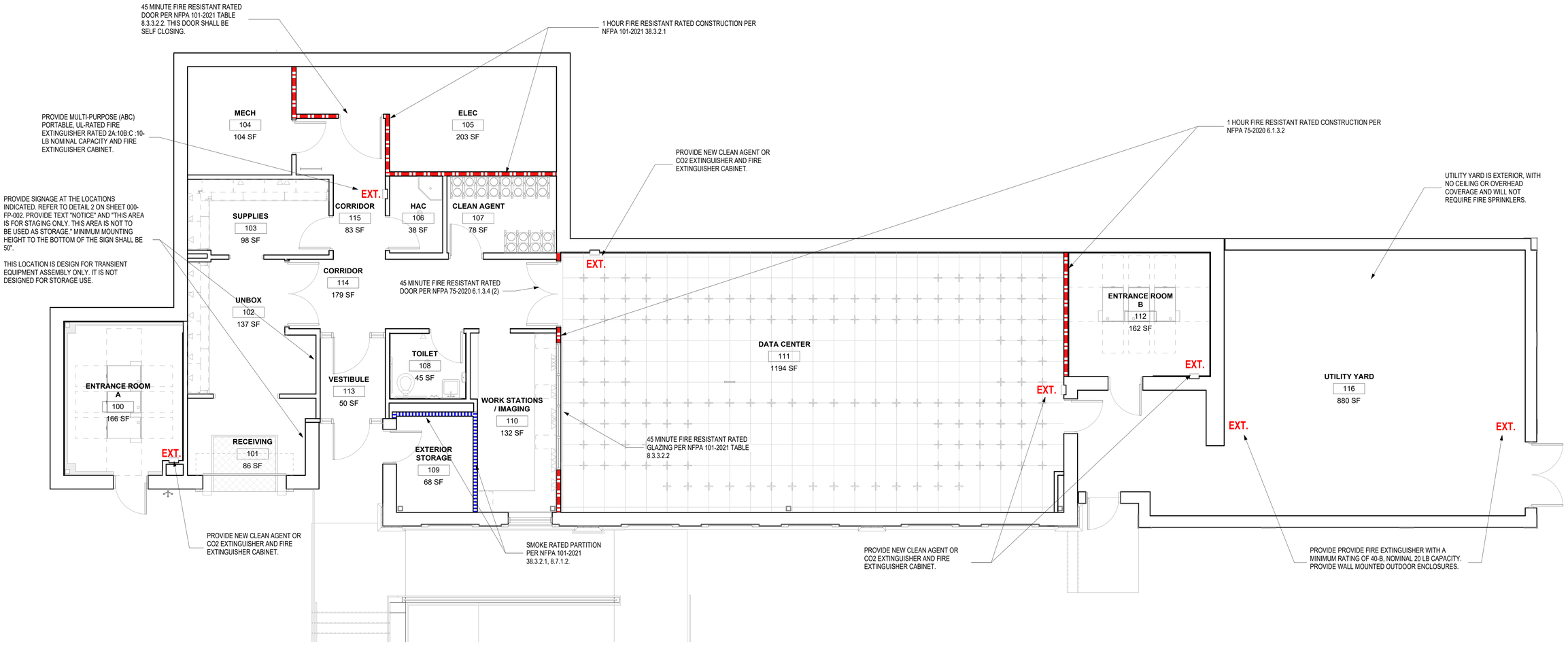
File Path

VA FORM 08 - 6231

REISSUED 02-18-2026

PROPOSED OCCUPANCY CLASSIFICATION

1. THE PROPOSED OCCUPANCY FOR THE NEW MAIN COMPUTER ROOM BUILDING IS BUSINESS OCCUPANCY IN ACCORDANCE WITH NFPA 101-2021 6.1.11.1.



1 FIRE RATED BARRIER AND EXTINGUISHER PLAN - MAIN COMPUTER ROOM

1/4" = 1'-0"

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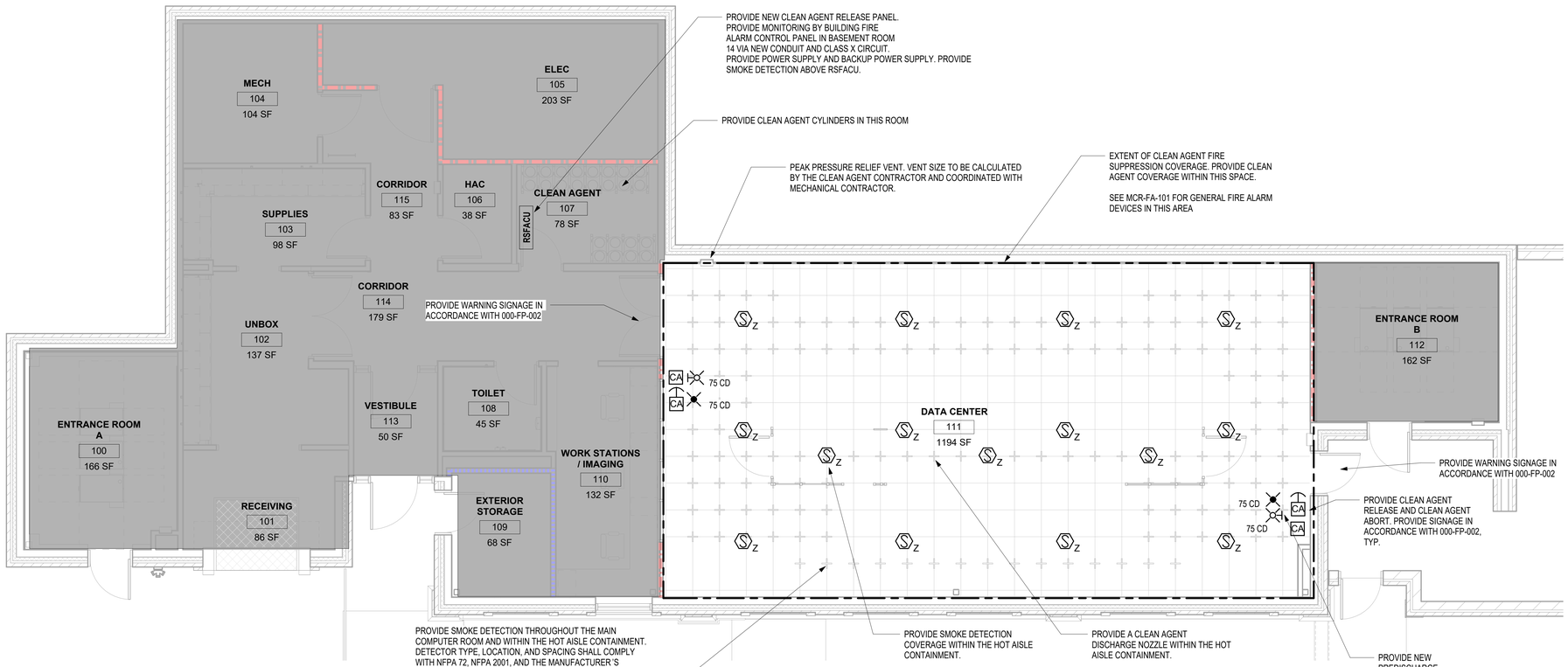
PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	PHASE	PROJECT TITLE	PROJECT NUMBER
FIRE BARRIER AND EXTINGUISHER PLAN - MCR	100% CONSTRUCTION DOCUMENTS	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: MCR-FP-100

VA FORM 08 - 6231

REISSUED 02-18-2026



1 CLEAN AGENT SUPPRESSION PLAN - MCR

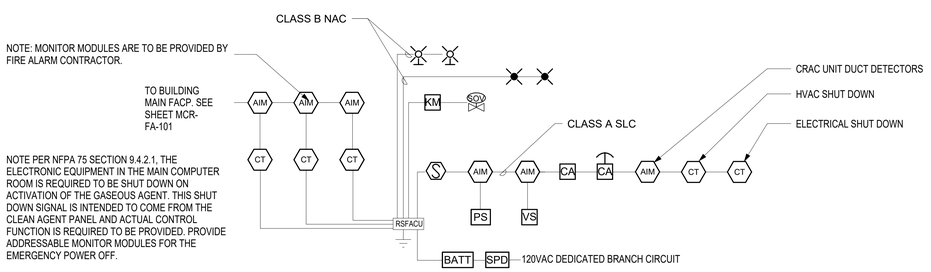
1/4" = 1'-0"

CLEAN AGENT GENERAL NOTES

1. 1. CLEAN AGENT SUPPRESSSION SYSTEM SHALL COMPLY WITH THE FOLLOWING:
   - NFPA 2001 - 2022
   - NFPA 101 - 2021
   - VA FIRE PROTECTION DESIGN MANUAL, JUNE 1, 2021
2. THE CLEAN AGENT FIRE EXTINGUISHING SYSTEM WILL BE A FIXED TOTAL FLOODING TYPE UTILIZING CLEAN AGENT DESIGNED TO PROVIDE A UNIFORM CONCENTRATION THROUGHOUT THE PROTECTED SPACES.
3. THE CLEAN AGENT FIRE EXTINGUISHING SYSTEM SHALL BE DESIGN FOR A CLASS C FIRE.
4. THE DESIGN CONCENTRATION WITHIN ANY PROTECTED SPACE SHALL NOT EXCEED BY VOLUME THE NO EFFECTS LEVEL (NEL).
5. THE CLEAN AGENT SHALL HAVE A GLOBAL WARMING POTENTIAL (GWP) OF LESS THAN 4000.
6. NUMBER AND LOCATION OF CLEAN AGENT SYSTEM DISCHARGE NOZZLES TO BE DETERMINED BY CLEAN AGENT SYSTEM CONTRACTOR IN LINE WITH CLEAN AGENT MANUFACTURER LIST REQUIREMENTS.
7. CLEAN AGENT PIPING, STORAGE CYLINDERS, AND CONTROL PANELS TO BE IDENTIFIED WITH SIGNAGE IN ACCORDANCE WITH NFPA 2001.
8. ALL STORAGE CONTAINERS SHALL BE MOUNTED PLUMB AND LEVEL AND SECURELY ANCHORED TO BUILDING STRUCTURE.
9. PRIOR TO INSTALLATION OF NOZZLES, THE PIPING SYSTEM SHALL BE PNEUMATICALLY TESTED PER MANUFACTURERS INSTRUCTIONS.
10. WARNING AND SAFETY INSTRUCTION SIGNS SHALL BE LOCATED OUTSIDE THE ENTRANCE TO THE MCR AND THE ENTRANCE ROOM AND INSIDE THE MCR AS REQUIRED BY NFPA 2001 SECTION 4.3.8.
11. SYSTEM SHALL UTILIZE THE AMBIENT TEMPERATURES WITHIN THE DATA CENTER AND THE HOT AISLE CONTAINMENT AS OUTLINED IN THE MECHANICAL CFD ANALYSIS WITHIN THE CONSTRUCTION DOCUMENTS.
12. SYSTEM SHALL CONTROL EMERGENCY POWER OFF WITH ADDRESSABLE INTERFACE MODULES TO SHUTDOWN POWER TO ALL ELECTRONIC EQUIPMENT UPON ACTIVATION OF GASEOUS AGENT.
13. SEE SHEET 00-FP-002 FOR CLEAN AGENT SIGNAGE REQUIREMENTS.

CLEAN AGENT SUPPRESSION SYSTEM LEGEND

RSFACU	RELEASING SERVICE FIRE ALARM CONTROL UNIT
SPD	SURGE SUPPRESSION DEVICE
CA	CLEAN AGENT SYSTEM MANUAL PULL STATION
CA	CLEAN AGENT SYSTEM ABORT SWITCH
KM	KEYED MAINTENANCE SWITCH
SOV	SOLENOID VALVE
CT	DISCRETE OUTPUT - DRY CONTACT
	CLEAN AGENT SYSTEM DISCHARGE RED STROBE
	CLEAN AGENT SYSTEM PRE-DISCHARGE AMBER STROBE
S Z	ZONE SMOKE DETECTOR
VS	VALVE SUPERVISORY SWITCH
PS	PRESSURE SWITCH
AIM	ADDRESSABLE INPUT MODULE
	CLEAN AGENT ZONE BOUNDARY
BATT	SECONDARY POWER SUPPLY (BATTERY)



2 CLEAN AGENT RISER DIAGRAM

NOT TO SCALE

NOTE: THE CLEAN AGENT DESIGN INTENT WITH REGARDS TO SMOKE DETECTOR INITIATION IS TO PROVIDE COUNTING-ZONE (DOUBLE-KNOCK, TWO DETECTOR) SMOKE DETECTION FOR THE FOLLOWING TWO VOLUMES:

- WITHIN THE HOT AISLE CONTAINMENT
- WITHIN THE REST OF THE MAIN COMPUTER ROOM

ACTIVATION OF ANY TWO DETECTORS WITHIN THE SAME PROTECTED VOLUME (EITHER TWO WITHIN THE AISLE CONTAINMENT OR TWO WITHIN THE REST OF THE MAIN COMPUTER ROOM SHALL INITIATE THE AGENT RELEASE SEQUENCE FOR THE ENTIRE COMPUTER ROOM, INCLUDING WITHIN THE HOT AISLE CONTAINMENT.

SYSTEM INPUTS

1	AREA SMOKE DETECTION -FIRST ZONE
2	AREA SMOKE DETECTION -SECOND ZONE
3	COMPLETION OF 30 SECOND COUNTDOWN TIMER AFTER FIRE 2
4	ABORT SWITCH -CONTINUOUSLY HELD DOWN
5	MANUAL RELEASING PULL STATION
6	AFTER 10 SECOND AGENT RELEASE DELAY
7	MAINTENANCE SWITCH
8	SOLENOID SUPERVISORY SWITCH
9	DISCHARGE PRESSURE SWITCH
10	LOW PRESSURE SWITCH
11	SCP AC POWER FAILURE
12	SCP SYSTEM LOW BATTERY
13	OPEN CIRCUIT OR GROUND FAULT
14	CLASS B NOTIFICATION CIRCUIT (NAC) -SHORT
15	LOCAL MANUAL ACTUATOR ON TANK

● PERFORM OPERATION/REPORT DEVICE STATUS

SYSTEM OUTPUTS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
ACTUATE COMMON ALARM SIGNAL INDICATOR	●	●					●	●			●									
ACTUATE AUDIBLE ALARM SIGNAL	●	●										●	●		●			●	●	
ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR																●				
ACTUATE AUDIBLE SUPERVISORY SIGNAL			●	●			●													●
ACTUATE COMMON TROUBLE SIGNAL INDICATOR	●	●					●	●				●	●				●	●	●	
ACTUATE AUDIBLE TROUBLE SIGNAL															●		●			
DISPLAY CHANGE OF STATUS							●		●											
TRANSMIT ALARM SIGNAL TO MAIN FACILITY FACP			●	●					●											
TRANSMIT SUPERVISORY SIGNAL TO MAIN FACILITY FACP			●	●					●											
TRANSMIT TROUBLE SIGNAL TO MAIN FACILITY FACP							●	●												
ACTUATE SUPPRESSION HORN AT 120 BPM					●	●				●										
ACTUATE SUPPRESSION HORN AT STEADY TONE					●	●				●										
ACTUATE PRE-DISCHARGE STROBE																				
ACTUATE SUPPRESSION STROBE																				
BEGIN 30 SECOND COUNTDOWN																				
AGENT RELEASE INTO ALL HAZARD SPACES																				
BEGIN 10 SECOND AGENT RELEASE DELAY																				
HVAC SHUTDOWN																				
DAMPER CLOSURE																				
STOPS FIRE 2 30-SECOND COUNTDOWN TIMER																				
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T

3 CLEAN AGENT INPUT OUTPUT MATRIX

NOT TO SCALE

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

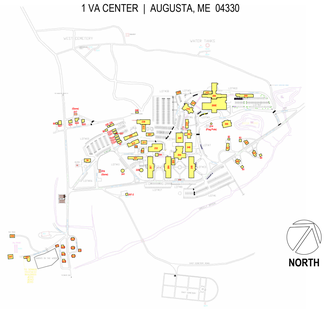
DRAWING TITLE: CLEAN AGENT PLAN - MCR	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER:
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: MCR-FP-101

VA FORM 08 - 6231

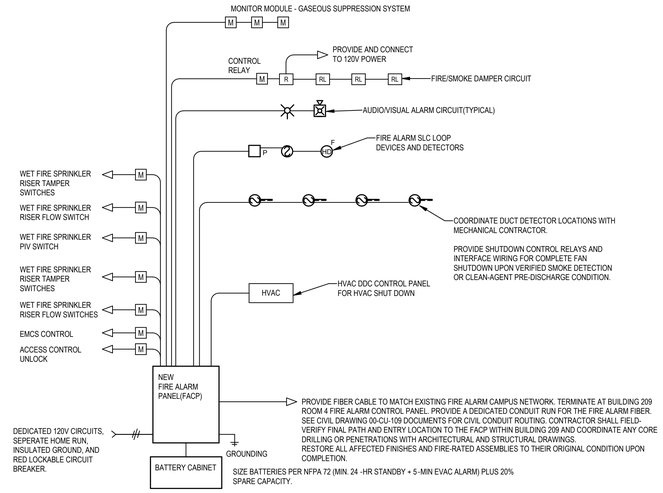
REISSUED 02-18-2026

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



FIRE ALARM LEGEND	
FACP	FIRE ALARM CONTROL PANEL
	DUCT SMOKE DETECTOR
	SMOKE DETECTOR
P	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM HORN/STROBE
WP	FIRE ALARM HORN/STROBE
	STROBE ONLY
TS	DETECTOR, TAMPER SWITCH
	DETECTOR, FLOW SWITCH
CR	CONTROL RELAY
	REMOTE INDICATOR
MM	MONITOR MODULE



2 FIRE ALARM ONE LINE DIAGRAM

N.T.S.

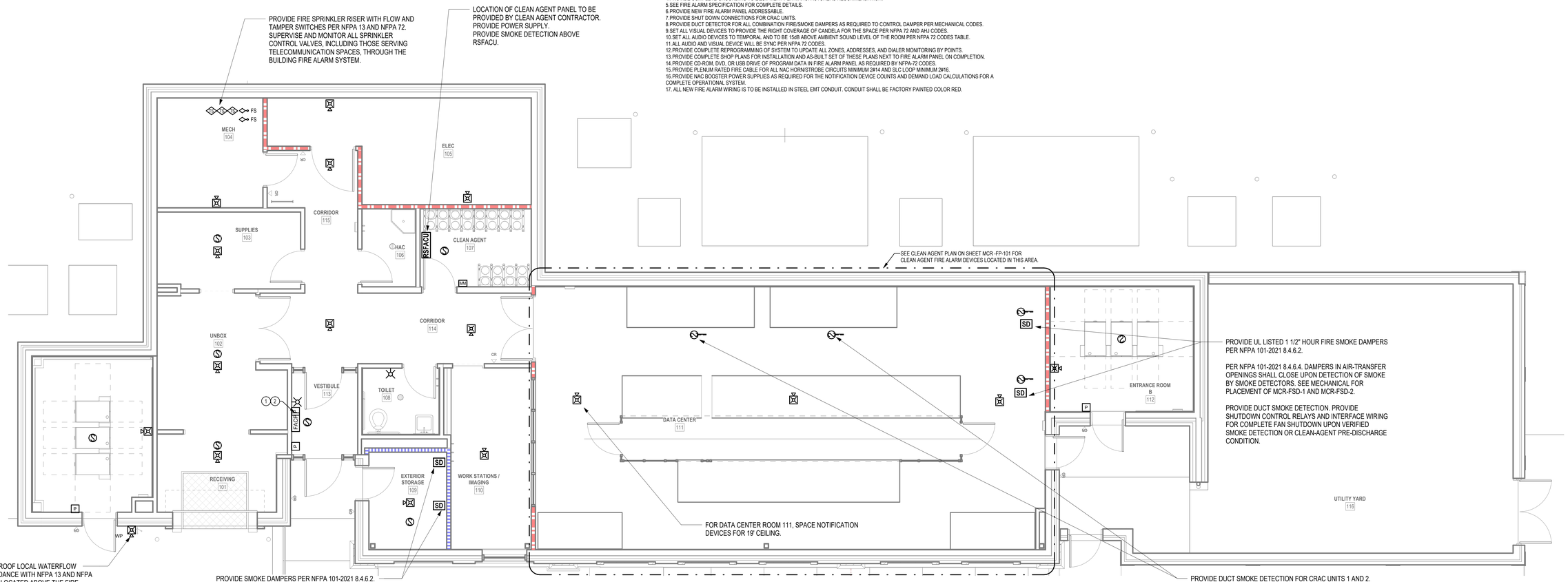
FIRE ALARM GENERAL NOTES

1. PROVIDE ALL REQUIRED APPURTENANCES, PROGRAMMING, J-BOXES, RACEWAY/CONDUIT, CABLING, MOUNTING HARDWARE AS REQUIRED FOR A COMPLETE OPERATION.
2. PROVIDE HANGERS, SUPPORTS, PENETRATIONS, CUTTING, PATCHING, AND SEALING AS REQUIRED.
3. ALL FIRE ALARM DETECTORS ARE TO BE 3-FEET AWAY FROM HVAC DIFFUSERS. COORDINATE LOCATIONS WITH MECHANICAL CONTRACTOR.
4. PROVIDE DUCT SMOKE DETECTOR(S) FOR EACH UNIT GREATER THAN 2,000 CFM. ELECTRICAL CONTRACTOR SHALL PROVIDE DUCT SMOKE DETECTORS, MECHANICAL CONTRACTOR SHALL INSTALL DUCT SMOKE DETECTORS, AND ELECTRICAL CONTRACTOR SHALL PROVIDE ALL RACEWAY/WIRE AND MAKE CONNECTIONS FOR THE COMPLETE OPERATION. COORDINATE LOCATIONS AND REQUIREMENTS WITH MECHANICAL CONTRACTOR AND AHJ.
5. INITIATING DEVICE CIRCUITS(IDC) SHALL BE CLASS B.
6. SIGNAL LINE CIRCUITS(SLC) SHALL BE CLASS B.
7. NOTIFICATION APPLIANCE CIRCUITS(NAC) SHALL BE CLASS B.
8. COMMUNICATIONS BETWEEN BUILDING FIRE ALARM CONTROL SHALL BE CLASS X.

FIRE ALARM - PLAN NOTES

1. PROVIDE NEW FIRE ALARM CONTROL PANEL.
2. PROVIDE POWER AND SECONDARY POWER FOR NEW FIRE ALARM PANEL.
3. PROVIDE SUPERVISED MONITORING OF THE NEW POST INDICATOR VALVE AT THE CONNECTION BETWEEN THE NEW 6" BUILDING SERVICE LINE AND EXISTING WATER MAIN. SEE FIRE SITE PLAN 000-FP-003 AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
4. PER NFPA 75 9.2.6. PROVIDE FIRE ALARM SUPERVISION OF THE ELECTRICAL POWER CIRCUITS SERVING ALL EMERGENCY POWER OFF (EPO) INTERLOCK AND SHUTDOWN DEVICES. SEE EPO DETAIL ON MCR-EP-103.

NOTES:
1.PROVIDE ALL J-BOXES, CONDUIT, WIRING & CONNECTIONS TO ALL DEVICES FOR COMPLETE FIRE ALARM SYSTEM. (NO OPEN WIRING)
2.ALL DEVICES WILL BE MOUNTED IN AN ACCESSIBLE SPACE AND AT THE ELEVATION PER NFPA 72, ADA, AND AHJ CODES.
3.PROVIDE FLUSH MOUNT BACK BOXES FOR ALL DEVICES IN ALL FINISHED SPACE.
4.PROVIDE COMPLETE GROUNDING TO EQUIPMENT PER MANUFACTURERS RECOMMENDATION.
5.SEE FIRE ALARM SPECIFICATION FOR COMPLETE DETAILS.
6.PROVIDE NEW FIRE ALARM PANEL ADDRESSABLE.
7.PROVIDE SHUT DOWN CONNECTIONS FOR CRAC UNITS.
8.PROVIDE DUCT DETECTOR FOR ALL COMBINATION FIRE/SMOKE DAMPERS AS REQUIRED TO CONTROL DAMPER PER MECHANICAL CODES.
9.SET ALL VISUAL DEVICES TO PROVIDE THE RIGHT COVERAGE OF CANDELA FOR THE SPACE PER NFPA 72 AND AHJ CODES.
10.SET ALL AUDIO DEVICES TO TEMPORAL AND TO BE 15dB ABOVE AMBIENT SOUND LEVEL OF THE ROOM PER NFPA 72 CODES TABLE.
11.ALL AUDIO AND VISUAL DEVICE WILL BE SYNC PER NFPA 72 CODES.
12.PROVIDE COMPLETE REPROGRAMMING OF SYSTEM TO UPDATE ALL ZONES, ADDRESSES, AND DIALER MONITORING BY POINTS.
13.PROVIDE COMPLETE SHOP PLANS FOR INSTALLATION AND AS-BUILT SET OF THESE PLANS NEXT TO FIRE ALARM PANEL ON COMPLETION.
14.PROVIDE CD-ROM, DVD, OR USB DRIVE OF PROGRAM DATA IN FIRE ALARM PANEL AS REQUIRED BY NFPA-72 CODES.
15.PROVIDE PLENUM RATED FIRE CABLE FOR ALL NAC HORN/STROBE CIRCUITS MINIMUM 2#14 AND SLC LOOP MINIMUM 2#16.
16.PROVIDE NAC BOOSTER POWER SUPPLIES AS REQUIRED FOR THE NOTIFICATION DEVICE COUNTS AND DEMAND LOAD CALCULATIONS FOR A COMPLETE OPERATIONAL SYSTEM.
17. ALL NEW FIRE ALARM WIRING IS TO BE INSTALLED IN STEEL EMT CONDUIT. CONDUIT SHALL BE FACTORY PAINTED COLOR RED.



1 FIRE ALARM FLOOR PLAN - MCR

1/4" = 1'-0"

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING MCR MCR FIRE ALARM FLOOR PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: MCR
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: MCR-FA-101
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: AH	

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FIRE PROTECTION SPRINKLER SYSTEM DESIGN CRITERIA

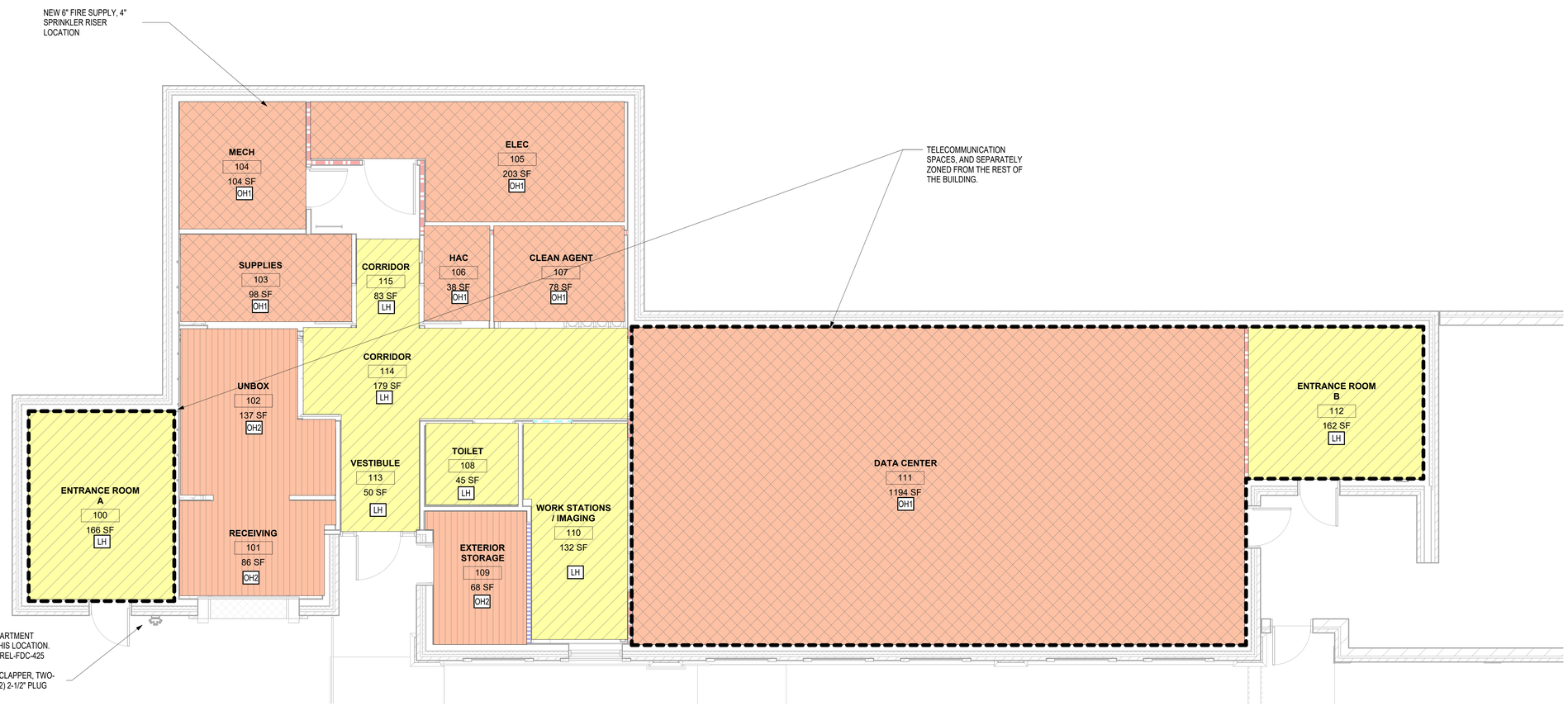
MARK	HAZARD CLASSIFICATION	SYSTEM TYPE	DENSITY GPM/SF	REMOTE AREA SQ FT	MAXIMUM AREA PER SPRINKLER SQ FT	HOSE DEMAND GPM	SPRINKLER CHARACTERISTICS				
							TYPE	K-FACTOR	FINISH	CODE REFERENCES	NOTES
	LIGHT HAZARD	WET	0.10	1500	225	100	SEE NOTES	5.6	SEE NOTES	NFPA 13-2022 Table 10.2.4.2.1(a), Table 19.2.3.1.1, Table 19.2.3.1.2,	1,2,3
	ORDINARY HAZARD (GROUP 1)	WET	0.15	1500	130	250	SEE NOTES	5.6	SEE NOTES	NFPA 13-2022 Table 10.2.4.2.1(b), Table 19.2.3.1.1, Table 19.2.3.1.2	1,2,3
	ORDINARY HAZARD (GROUP 2)	WET	0.20	1500	130	250	SEE NOTES	5.6	SEE NOTES	NFPA 13-2022 Table 10.2.4.2.1(b), Table 19.2.3.1.1, Table 19.2.3.1.2	1,2,3

NOTE 1: IN ACCORDANCE WITH THE VA FIRE PROTECTION DESIGN MANUAL, ALL SPRINKLERS ARE REQUIRED TO BE FM APPROVED. SPRINKLER TEMPERATURE RATINGS, RESPONSE TYPES, FINISHES, AND ACCESSORIES SHALL COMPLY WITH NFPA 13 AND PROJECT SPECIFICATIONS.

NOTE 2: **TEMPERATURE RATINGS**: PROVIDE INTERMEDIATE-TEMPERATURE SPRINKLERS IN ALL MECHANICAL, ELECTRICAL, TELECOMMUNICATION ROOMS, DATA CENTER, AND ENTRANCE ROOMS, AND ELSEWHERE AS REQUIRED BY NFPA 13. USE HIGHER-TEMPERATURE SPRINKLERS WHERE DICTATED BY AMBIENT CONDITIONS OR NFPA 13 CRITERIA.

NOTE 3: **RESPONSE TYPE AND CONSTRUCTION:**

- **TELECOMMUNICATION ROOMS, TELECOMMUNICATION ENCLOSURES, ENTRANCE ROOMS, AND ELECTRICAL ROOMS:** USE STANDARD-RESPONSE, FUSIBLE-LINK SPRINKLERS, WITH MECHANICAL GUARDS UL LISTED FOR THE INSTALLED SPRINKLER MODEL.
- **DATA CENTER (ROOM 111):** USE STANDARD-RESPONSE, FUSIBLE-LINK SPRINKLERS, WITH MECHANICAL GUARDS UL LISTED FOR THE INSTALLED SPRINKLER MODEL.
- **OTHER OCCUPIED SPACES WITH CEILINGS:** PROVIDE WHITE, QUICK-RESPONSE SPRINKLERS.
- **OTHER SPACES WITHOUT CEILINGS:** PROVIDE BRASS, QUICK-RESPONSE UPRIGHT SPRINKLERS.



1 FIRE SPRINKLER HAZARD CLASSIFICATION PLAN - MCR

1/4" = 1'-0"

FIRE SPRINKLER NOTES FOR THE MAIN COMPUTER ROOM BUILDING

1. THE CONTRACTOR IS REQUIRED TO PROVIDE A NEW FIRE SPRINKLER SYSTEM FOR THIS BUILDING.
2. FIRE SPRINKLER SYSTEM SHALL COMPLY WITH THE FOLLOWING:
   - A. NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2022 EDITION
   - B. NFPA 75, STANDARD FOR THE FIRE PROTECTION OF INFORMATION TECHNOLOGY EQUIPMENT, 2020 EDITION
   - C. NFPA 101, LIFE SAFETY CODE, 2021 EDITION
   - D. VA FIRE PROTECTION DESIGN MANUAL, NINTH, NOVEMBER 1ST, 2023
3. DATA CENTER ROOM 111 WILL BE PROVIDED WITH WET PIPE SPRINKLER PROTECTION AND CLEAN AGENT GASEOUS SUPPRESSION SYSTEM.
4. NEW CLEAN AGENT SYSTEM MUST BE MODIFIED AS NECESSARY TO ACCOMMODATE THE ADDITION OF COLD AISLE CONTAINMENT.
5. SPRINKLER HEADS LOCATED INSIDE THE COLD AISLE CONTAINMENT AREA TO BE LOCATED SO THE COLD AISLE CONTAINMENT CURTAINS WILL NOT IMPACT THE SPRINKLER SPACING OF THE SPRINKLER SYSTEM.
6. SPRINKLER SYSTEM TO BE WET PIPE SYSTEM DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13 OCCUPANCY IS PRIMARILY ORDINARY HAZARD GROUP I.
7. LOCATION AND INSTALLATION OF PIPE SUPPORTS (HANGERS, VERTICAL RESTRAINTS AND GUIDES) MUST MEET THE REQUIREMENTS OF NFPA 13.
8. TELECOMMUNICATION SPACES (TS) WILL BE PROTECTED WITH SPRINKLER HEADS THAT MEET THE FOLLOWING CHARACTERISTICS:
   - A. ORDINARY OR INTERMEDIATE TEMPERATURE
   - B. STANDARD RESPONSE
   - C. FUSIBLE LINK
   - D. PROTECTIVE CAGES
   - E. FM APPROVED
9. ALL NEW VALVES ON THE RISER AND TRIM PIPING, INCLUDING BUT NOT LIMITED TO SECTIONAL VALVES, INSPECTOR'S TEST VALVE, AND DRAIN VALVES TO BE MARKED WITH PERMANENT TAGS OR SIGNS INDICATING THE VALVES NORMAL OPERATING POSITION AS DETAILED IN THE SPECIFICATIONS.
10. SPRINKLER HEAD LAYOUT IS PRELIMINARY ONLY. FINAL DESIGN INCLUDING SPRINKLER LAYOUT AND PIPE SIZING TO BE COMPLETED BY INSTALLING CONTRACTOR.
11. HYDRAULIC CALCULATIONS TO BE COMPLETED BY INSTALLING CONTRACTOR.
12. A 10% SAFETY FACTOR MUST BE INCLUDED BY CALCULATING THE DEMAND TO A POINT NO GREATER THAN 10% BELOW THE AVAILABLE WATER SUPPLY CURVE.
13. CLEAN AGENT PIPING, STORAGE CYLINDERS, AND CONTROL PANELS TO BE IDENTIFIED WITH SIGNAGE IN ACCORDANCE WITH NFPA 2001.
14. FIRESTOPPING SHALL BE PROVIDED FOR ALL PENETRATIONS OF FIRE-RESISTANT CONSTRUCTION.
15. THE FIRE SPRINKLER SYSTEM PROTECTING THE TELECOMMUNICATIONS SPACE IS TO BE VALVED SEPARATELY FROM OTHER SPRINKLER SYSTEMS, IN AN APPROVED LOCATION THAT IS READILY ACCESSIBLE, AND LABELED, IN ACCORDANCE WITH NFPA 75.
16. A SPRINKLER CABINET IS TO BE PROVIDED WITH THE REQUIRED NUMBER OF SPRINKLER HEADS OF ALL RATINGS AND TYPES INSTALLED, AND A SPRINKLER WRENCH FOR EACH TYPE OF SPRINKLER IN ACCORDANCE WITH NFPA 13. LOCATED ADJACENT TO THE RISER.
17. THIS SPRINKLER SYSTEM IS DESIGNED AS A "WET" SYSTEM AND WILL BE FILLED WITH WATER WHILE IN SERVICE. IT MUST BE MAINTAINED AT OR ABOVE 40°F AT ALL TIMES.
18. INTERRUPTION OF SERVICE: THERE SHALL BE NO INTERRUPTION OF THE EXISTING SPRINKLER PROTECTION, WATER, ELECTRIC, OR FIRE ALARM SERVICES WITHOUT PRIOR PERMISSION OF THE CONTRACTING OFFICER.
19. CONTRACTOR SHALL DEVELOP AN INTERIM FIRE PROTECTION PROGRAM WHERE INTERRUPTIONS INVOLVE OCCUPIED SPACES. REQUEST IN WRITING AT LEAST ONE WEEK PRIOR TO THE PLANNED INTERRUPTION.
20. ALL DRAINS TO BE PIPED TO THE EXTERIOR OF THE BUILDING. BUILDING DRAINS WILL NOT BE USED.
21. FDC PIPING TO BE PROVIDED AUTOMATIC DRAIN VALVE AS REQUIRED BY NFPA 13 FOR AREAS SUBJECT TO FREEZING.
22. WATER FLOW SWITCH REQUIRED TO BE MONITORED BY THE BUILDING FIRE ALARM SYSTEM INSTALLED IN ACCORDANCE WITH NFPA 72.
23. ALL CONTROL VALVES FOR SPRINKLER SYSTEM TO BE MONITORED BY THE BUILDING FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 72.
24. PROVIDE FIRE SPRINKLER COVERAGE WITHIN HOT AISLE CONTAINMENT UNLESS UL LISTED HOT AISLE ROOF DROP OUT PANELS ARE PROVIDED.
25. PROVIDE FIRE SPRINKLER COVERAGE BENEATH ANY DUCTWORK EXCEEDING 4' IN WIDTH PER NFPA 13-2022 10.2.7.2 (6).
26. PROVIDE ADDITIONAL SPRINKLER HEADS AND PIPING FOR OBSTRUCTIONS CREATED BY THE MECHANICAL, ELECTRICAL, TELECOMMUNICATION, AND OTHER TRADES SO THAT COMPLIANCE IS MAINTAINED PER THE OBSTRUCTED CONSTRUCTION REQUIREMENTS OF NFPA 13-2022 CHAPTER 10.
27. ALL SPRINKLER PIPING TO BE PAINTED RED.

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: FIRE SPRINKLER HAZARD CLASSIFICATION PLAN - MCR	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER:
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: MCR-FS-100

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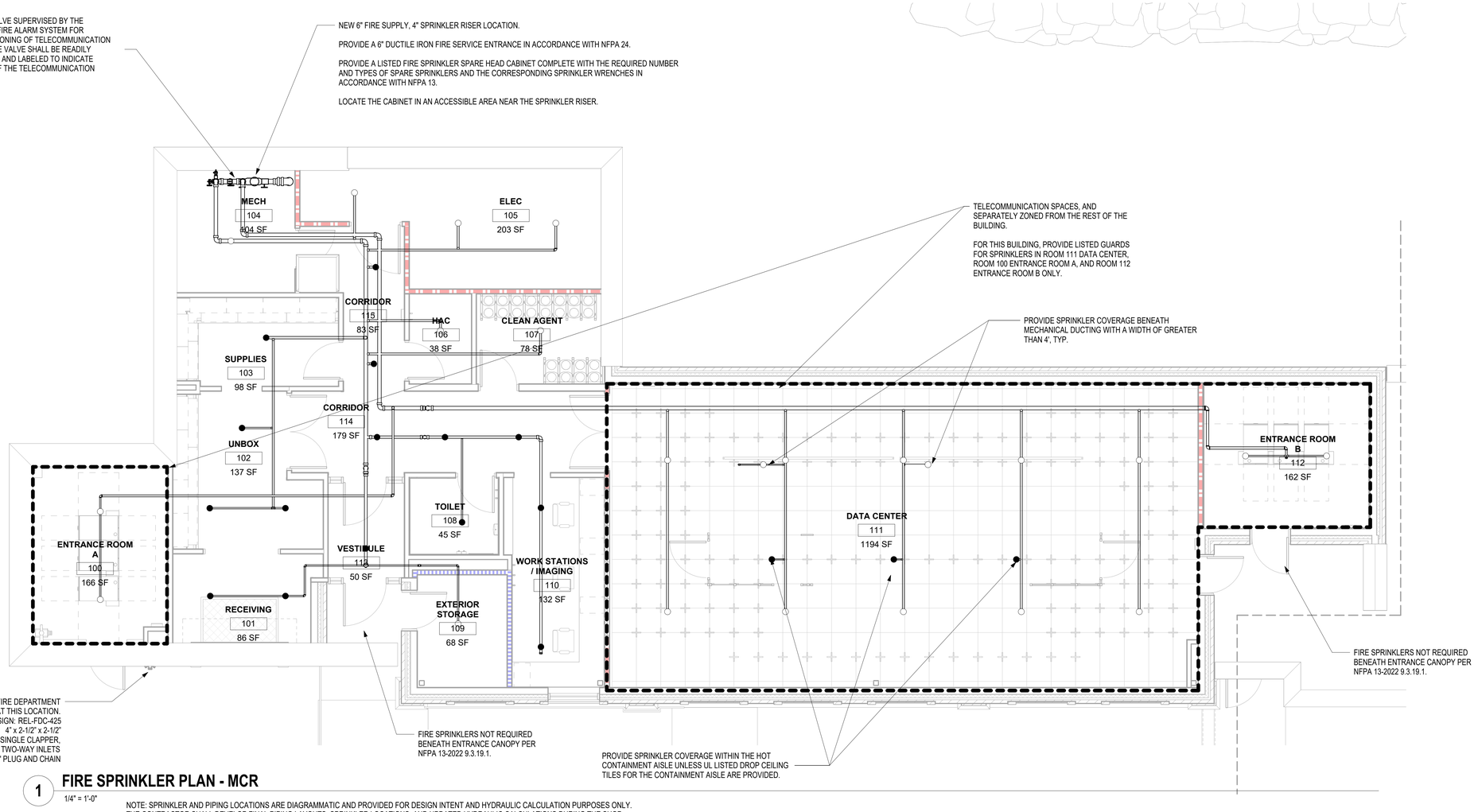
PROVIDE VALVE SUPERVISED BY THE BUILDING'S FIRE ALARM SYSTEM FOR SEPARATE ZONING OF TELECOMMUNICATION SPACES. THE VALVE SHALL BE READILY ACCESSIBLE AND LABELED TO INDICATE CONTROL OF THE TELECOMMUNICATION SPACES.

NEW 6" FIRE SUPPLY, 4" SPRINKLER RISER LOCATION.

PROVIDE A 6" DUCTILE IRON FIRE SERVICE ENTRANCE IN ACCORDANCE WITH NFPA 24.

PROVIDE A LISTED FIRE SPRINKLER SPARE HEAD CABINET COMPLETE WITH THE REQUIRED NUMBER AND TYPES OF SPARE SPRINKLERS AND THE CORRESPONDING SPRINKLER WRENCHES IN ACCORDANCE WITH NFPA 13.

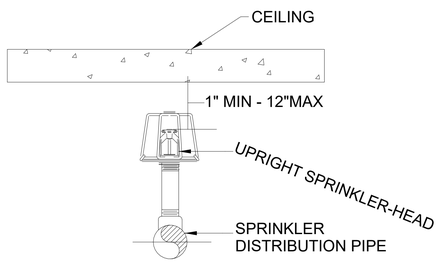
LOCATE THE CABINET IN AN ACCESSIBLE AREA NEAR THE SPRINKLER RISER.



1 FIRE SPRINKLER PLAN - MCR

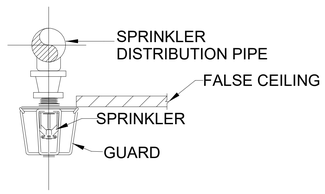
1/4" = 1'-0"

NOTE: SPRINKLER AND PIPING LOCATIONS ARE DIAGRAMMATIC AND PROVIDED FOR DESIGN INTENT AND HYDRAULIC CALCULATION PURPOSES ONLY. THE CONTRACTOR SHALL DEVELOP FINAL PIPING LAYOUTS, SPRINKLER LOCATIONS, AND UPDATED HYDRAULIC CALCULATIONS DURING THE SHOP DRAWING PHASE IN ACCORDANCE WITH NFPA 13 AND PROJECT REQUIREMENTS.
FIRE DEPARTMENT CONNECTION (FDC) PIPING IS NOT SHOWN; CONTRACTOR SHALL FIELD-VERIFY FDC LOCATION AND PROVIDE ROUTING AS REQUIRED TO COMPLETE THE SYSTEM.



2 UPRIGHT SPRINKLER WITH GUARD DETAIL

12" = 1'-0"



3 PENDENT SPRINKLER WITH GUARD DETAIL

12" = 1'-0"

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27. ALL SPRINKLER PIPING TO BE PAINTED RED.

SYMBOL LEGEND

●	PENDENT SPRINKLER
●	UPRIGHT SPRINKLER

Revisions:	Date:

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: FIRE SPRINKLER PLAN - MCR	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER:
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: MCR-FS-101

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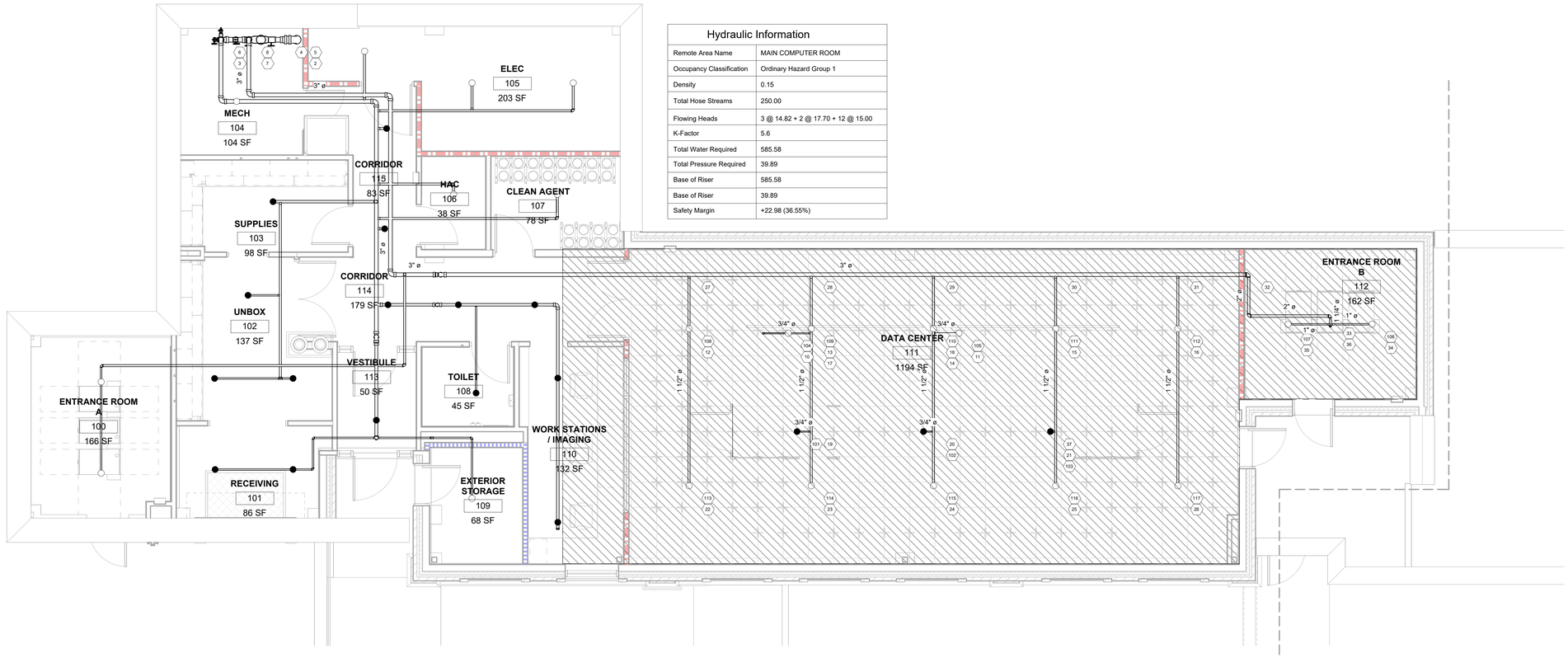
FIRE SUPPRESSION CALCULATION NOTES

1. HYDRAULIC CALCULATIONS ARE PROVIDED TO VERIFY UNDERGROUND PIPE SIZE ONLY. CONTRACTORS FOR FIRE SUPPRESSION SYSTEMS ARE REQUIRED TO PROVIDE CALCULATIONS AND WORKING DRAWINGS FOR NEW OR MODIFIED SYSTEMS. NOTE: UPRIGHT HEADS WITHIN DATA CENTER ROOM 111 WERE CALCULATED AT ACTUAL COVERAGE AREA TO ACCOMMODATE AVAILABLE FLOW FROM THE EXISTING WATER SUPPLY. FOR UNDERGROUND PIPING CALCULATION INCLUDES 262' EQUIVALENT LENGTH OF 6" DIP.
2. CONTRACTORS FOR FIRE SUPPRESSION SYSTEMS ARE REQUIRED TO PROVIDE CALCULATIONS AND WORKING DRAWINGS FOR THE NEW SYSTEM.
3. NOTE: IT IS THE RESPONSIBILITY OF THIS PROJECT'S CONTRACTOR TO PROVIDE A NEW WATER SUPPLY FLOW TEST IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13 AND NFPA 291, PRIOR TO SUBMITTING FIRE SPRINKLER SHOP DRAWINGS.
4. SHOP DRAWINGS AND HYDRAULIC CALCULATIONS ARE NOT REQUIRED FOR TELECOMMUNICATION ROOM FIRE SPRINKLER MODIFICATIONS.



Hydraulic Information	
Remote Area Name	MAIN COMPUTER ROOM
Occupancy Classification	Ordinary Hazard Group 1
Density	0.15
Total Hose Streams	250.00
Flowing Heads	3 @ 14.82 + 2 @ 17.70 + 12 @ 15.00
K-Factor	5.6
Total Water Required	585.58
Total Pressure Required	39.89
Base of Riser	585.58
Base of Riser	39.89
Safety Margin	+22.98 (36.55%)

1 FIRE SPRINKLER CALCULATION NODES - MCR

1/4" = 1'-0"

NOTE: SPRINKLER AND PIPING LOCATIONS ARE DIAGRAMMATIC AND PROVIDED FOR DESIGN INTENT AND HYDRAULIC CALCULATION PURPOSES ONLY. THE CONTRACTOR SHALL DEVELOP FINAL PIPING LAYOUTS, SPRINKLER LOCATIONS, AND UPDATED HYDRAULIC CALCULATIONS DURING THE SHOP DRAWING PHASE IN ACCORDANCE WITH NFPA 13 AND PROJECT REQUIREMENTS.
FIRE DEPARTMENT CONNECTION (FDC) PIPING IS NOT SHOWN; CONTRACTOR SHALL FIELD-VERIFY FDC LOCATION AND PROVIDE ROUTING AS REQUIRED TO COMPLETE THE SYSTEM.

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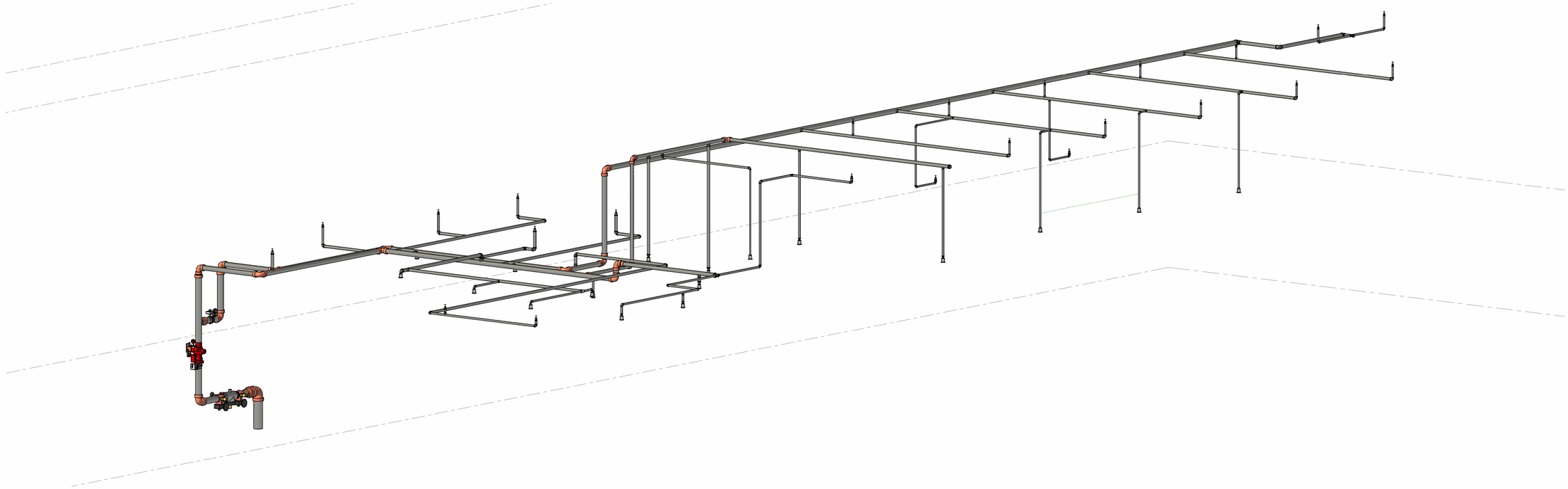
PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

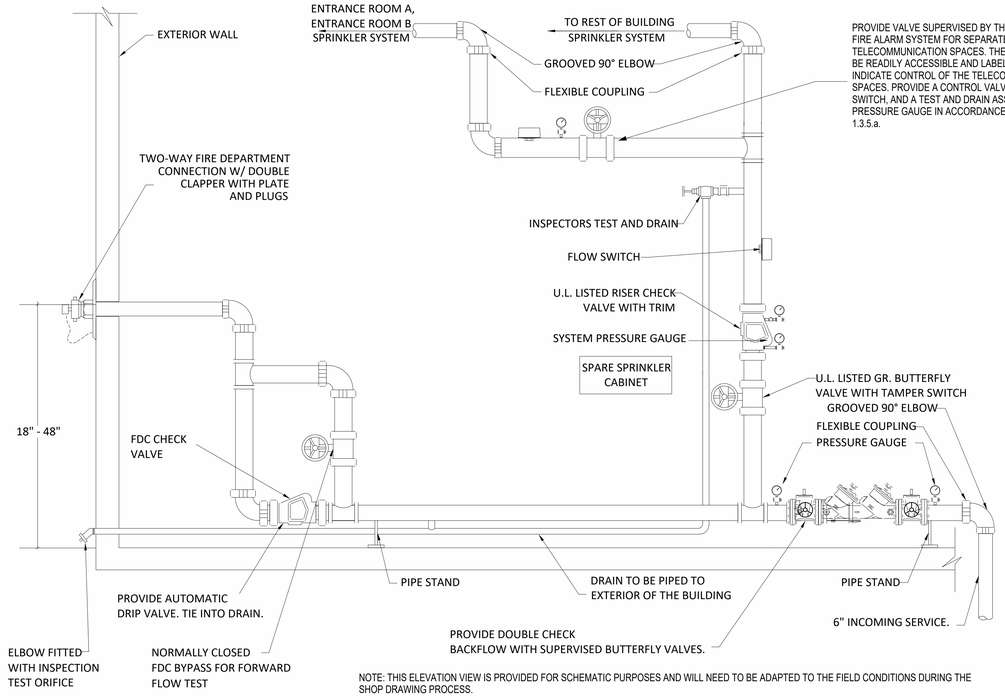
DRAWING TITLE: FIRE SPRINKLER CALCULATION NODES - MCR	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER:
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: MCR-FS-102

VA FORM 08 - 6231

REISSUED 02-18-2026



1 FIRE SPRINKLER ISOMETRIC VIEW



NOTE: THIS ELEVATION VIEW IS PROVIDED FOR SCHEMATIC PURPOSES AND WILL NEED TO BE ADAPTED TO THE FIELD CONDITIONS DURING THE SHOP DRAWING PROCESS.

NOTE: ALL SPRINKLER PIPING TO BE PAINTED RED.

2 MCR FIRE SPRINKLER RISER DETAIL

12" = 1'-0"

Togus Fire Department
207-623-5293
TEST DATE: 11/6/2017

Winter Preperation

ITEM	PASS	Date	Initials
1) Excess water pumped out of hydrant barrel	Yes	11/6/2017	RA
2) Hydrant fully opens and closes without need of excessive force	Yes	11/6/2017	RA
3) Hydrant outlets clear of obstruction	Yes	11/6/2017	RA
4) Hydrant easily accessable	Yes	11/6/2017	RA
6) Hydrant cap theads lubricated and not dammaged	Yes	11/6/2017	RA

Hydrant Flow Test Report

Test Hydrant Location	North side of Bldg 209	Hydrant #:	3
Flow Hydrant Location	Hill North Side 200	Hydrant #:	2
Test Conducted By	A Crew (Dumon, Demers, Levesque)		
Remarks	Flow through one 2.5 inch outlet from the test hydrant.		

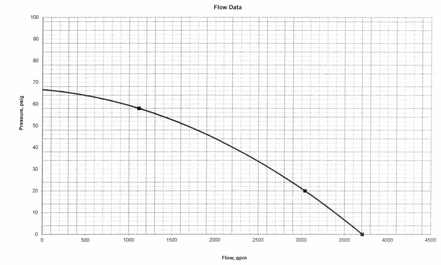
DATA

FLOW HYDRANT(S)	Flow One	Flow Two	Flow Three
SIZE OPENING:	2.5	2.5	2.5
COEFFICIENT:	0.9	0.9	0.9
PITOT READING:	44	0	0
GPM:	1113	0	0
TOTAL FLOW DURING TEST:	1113 GPM		

STATIC READING: 65 PSI RESIDUAL: 58 PSI

Projected flow @ 20 psi residual pressure: 3040 **GPM** Projected flow @ 0 psi residual: 3708 **GPM**

Flow Data



3 HYDRANT FLOW TEST INFORMATION

NOTE: IT IS THE RESPONSBILITY OF THIS PROJECT'S CONTRACTOR TO PROVIDE A NEW WATER SUPPLY FLOW TEST IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13 AND NFPA 291, PRIOR TO SUBMITTING FIRE SPRINKLER SHOP DRAWINGS.

Revisions:	Date:

CONSULTANT

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ARCHITECT/ENGINEER OF RECORD

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Conrad Chandler, PE

GDM ARCHITECTS • ENGINEERS

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA 11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: FIRE SPRINKLER DETAILS	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER:
		ISSUE DATE: NOVEMBER 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: MCR-FS-501

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
2. THE CONTRACTOR IS REQUIRED TO INSTALL THE QUANTITY OF SPRINKLERS NECESSARY TO COMPLY WITH NFPA 13-2022 CHAPTER 10, PROTECTION AREAS AND MAXIMUM SPACING OF STANDARD PENDENT AND UPRIGHT SPRAY SPRINKLERS FOR LIGHT HAZARD.
3. THE CONTRACTOR SHALL PROVIDE NEW BRANCH PIPING AS NECESSARY FOR THE FLOORPLAN CHANGES.
4. THE CONTRACTOR SHALL ALSO PROVIDE NEW BRANCH PIPING AND SPRINKLERS FOR ANY NEW OBSTRUCTIONS CREATED BY NEW DUCTWORK, CABLE TRAYS, CONDUITS, AND ELECTRICAL EQUIPMENT.
5. IN AREAS WITH A CEILING HEIGHT CHANGE, THE CONTRACTOR MUST RELOCATE THE SPRINKLERS TO ACCOMMODATE THE NEW CEILING HEIGHT IN ACCORDANCE WITH NFPA 13.
6. REUSE OF EXISTING FIRE SPRINKLERS IN TELECOMMUNICATION ROOMS IS NOT PERMITTED.
7. PROVIDE NEW INTERMEDIATE TEMPERATURE, STANDARD RESPONSE, FUSIBLE LINK SPRINKLERS FOR ALL TELECOMMUNICATION ROOMS.
8. PROVIDE UL LISTED MECHANICAL GUARDS FOR ALL SPRINKLERS WITHIN TELECOMMUNICATION ROOMS.
9. SINCE ALL NEW FIRE SPRINKLERS ARE REQUIRED, THERE SHOULD BE NO CASE WHERE STANDARD AND QUICK RESPONSE SPRINKLERS ARE MIXED WITHIN A TR COMPARTMENT.
10. FOR AREAS ADJACENT TO TRS, AND AFFECTED BY THE DEMOLITION, CONSTRUCTION, OR RELOCATED OF TR WALLS, THE CONTRACTOR SHALL MODIFY THE FIRE SPRINKLER SYSTEM OF THE AFFECTED AREA AS NECESSARY TO MAINTAIN COMPLIANCE WITH NFPA 13. THIS WILL REQUIRE FIELD VERIFICATION OF THE EXISTING SPRINKLER HEADS SERVING THE AREA. MIXING QUICK RESPONSE AND STANDARD RESPONSE SPRINKLERS WITHIN THESE AREAS IS PROHIBITED PER NFPA 13.
11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

● UPRIGHT SPRINKLER

1 GROUND LEVEL FIRE PROTECTION PLAN - BLDG. 200
1/8" = 1'-0"

2 ENLARGED PLAN - TR RM 7A
200-FS-001 SCALE: 1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	BUILDING 200 GROUND LEVEL FIRE SPRINKLER PLAN
APPROVED:	
PHASE	100% CONSTRUCTION DOCUMENTS
FLS	FULLY SPRINKLERED
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	November 10, 2025
CHECKED BY	CC
DRAWN BY	XA
PROJECT NUMBER	402-22-700
BUILDING NUMBER	200
DRAWING NUMBER	200-FS-001

VA FORM 08 - 6231

REISSUED 02-18-2026

2 ENLARGED PLAN - TR RM 196A
200-FS-011 SCALE: 1/4" = 1'-0"

3 ENLARGED PLAN - TE ROOM 149
200-FS-011 SCALE: 1/4" = 1'-0"

1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 200
200-FS-011 SCALE: 1/8" = 1'-0"

GENERAL NOTES

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FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◉ UPRIGHT SPRINKLER

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-FS-011
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026

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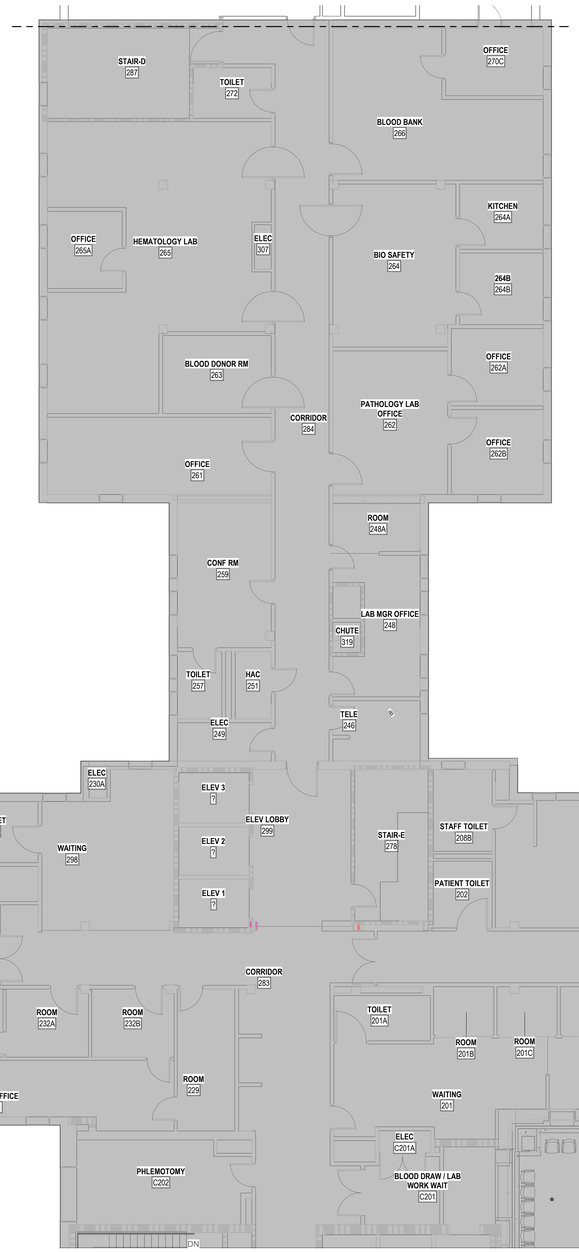
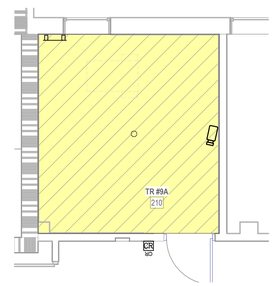
FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER



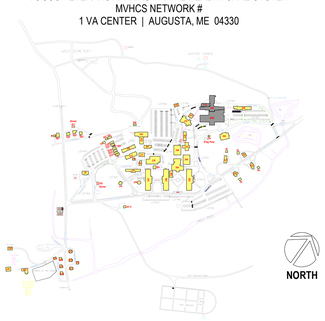
1 LEVEL 2 FIRE PROTECTION PLAN - BLDG. 200
1/8" = 1'-0"



2 ENLARGED PLAN - TR RM 210
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT

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GDM ARCHITECTS · ENGINEERS

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 2 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-FS-021
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

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FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

● UPRIGHT SPRINKLER

2 ENLARGED PLAN - TR RM 358J

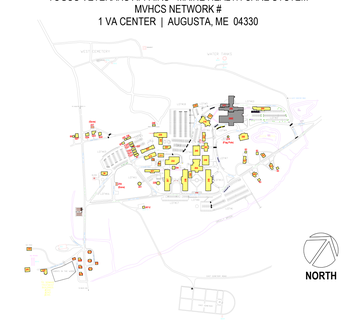
1/4" = 1'-0"

1 LEVEL 3 FIRE PROTECTION PLAN - BLDG. 200

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 3 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 200-FS-031

VA FORM 08 - 6231

REISSUED 02-18-2026

1 LEVEL 4 FIRE PROTECTION PLAN - BLDG. 200
1/8" = 1'-0"

2 ENLARGED PLAN - TR RM 413
1/4" = 1'-0"

GENERAL NOTES

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FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◉ UPRIGHT SPRINKLER

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

ARCHITECT:
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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 4 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-FS-041
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026

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7. PROVIDE NEW INTERMEDIATE TEMPERATURE, STANDARD RESPONSE, FUSIBLE LINK SPRINKLERS FOR ALL TELECOMMUNICATION ROOMS.
8. PROVIDE UL LISTED MECHANICAL GUARDS FOR ALL SPRINKLERS WITHIN TELECOMMUNICATION ROOMS.
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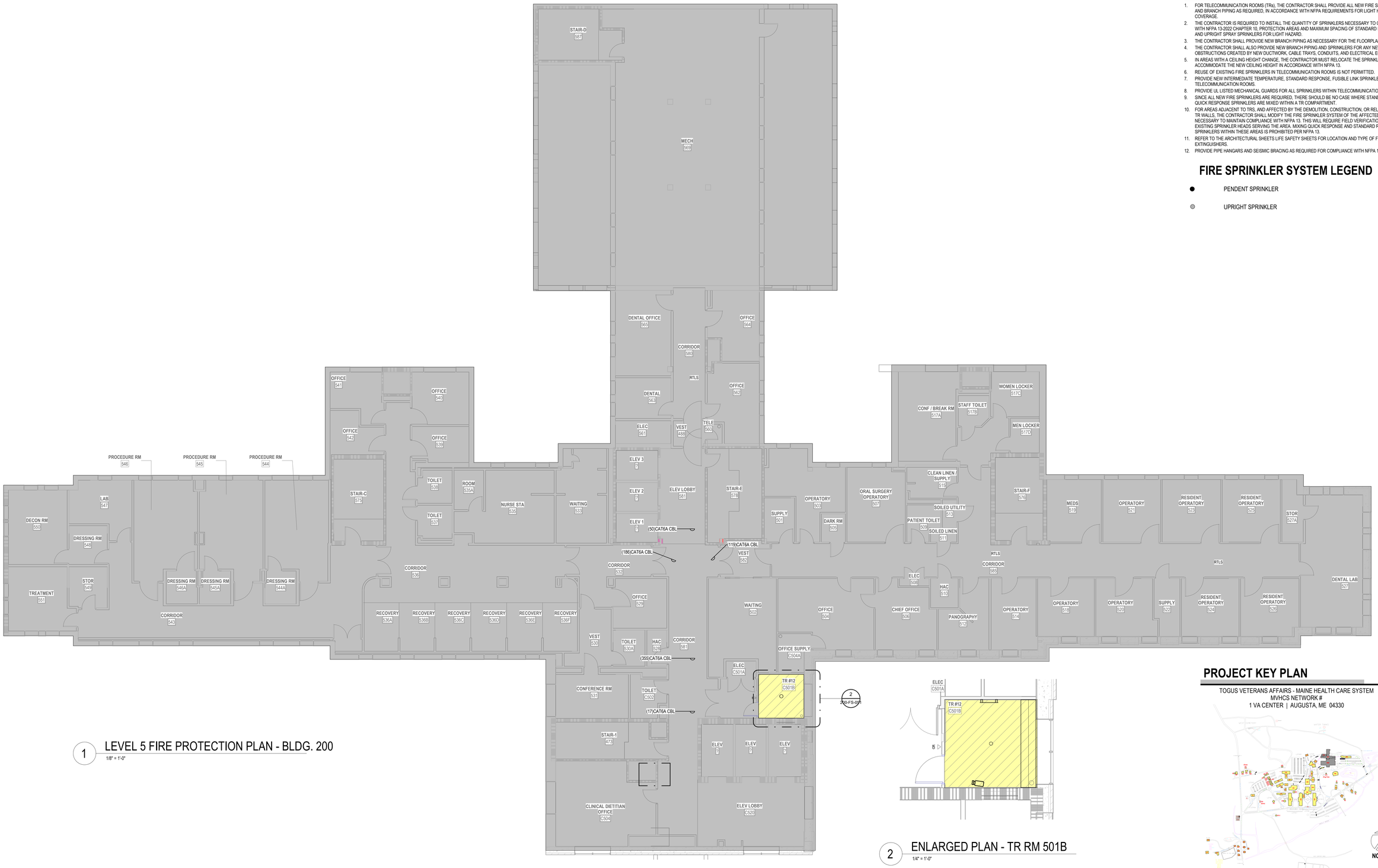
11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◉ UPRIGHT SPRINKLER

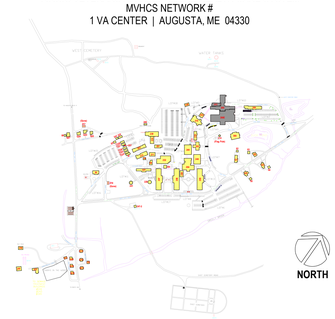


1 LEVEL 5 FIRE PROTECTION PLAN - BLDG. 200
1/8" = 1'-0"

2 ENLARGED PLAN - TR RM 501B
1/4" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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Conrad Chandler, PE

GDM ARCHITECTS • ENGINEERS

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 5 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-FS-051
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026

1 LEVEL 6 FIRE PROTECTION PLAN - BLDG. 200
1/8" = 1'-0"

2 ENLARGED PLAN - TR RM 635
1/4" = 1'-0"

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
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3. THE CONTRACTOR SHALL PROVIDE NEW BRANCH PIPING AS NECESSARY FOR THE FLOORPLAN CHANGES.
4. THE CONTRACTOR SHALL ALSO PROVIDE NEW BRANCH PIPING AND SPRINKLERS FOR ANY NEW OBSTRUCTIONS CREATED BY NEW DUCTWORK, CABLE TRAYS, CONDUITS, AND ELECTRICAL EQUIPMENT.
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6. REUSE OF EXISTING FIRE SPRINKLERS IN TELECOMMUNICATION ROOMS IS NOT PERMITTED.
7. PROVIDE NEW INTERMEDIATE TEMPERATURE, STANDARD RESPONSE, FUSIBLE LINK SPRINKLERS FOR ALL TELECOMMUNICATION ROOMS.
8. PROVIDE UL LISTED MECHANICAL GUARDS FOR ALL SPRINKLERS WITHIN TELECOMMUNICATION ROOMS.
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12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

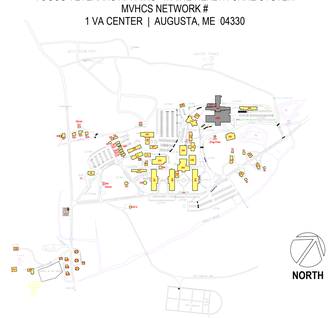
FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◉ UPRIGHT SPRINKLER

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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GDM ARCHITECTS · ENGINEERS

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 6 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200-FS-061
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

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FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

2 ENLARGED PLAN - TR RM E13I
1/4" = 1'-0"

1 GROUND LEVEL FIRE PROTECTION PLAN - BLDG. 200E
1/8" = 1'-0"

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
10-10-25

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	BUILDING 200 GROUND LEVEL FIRE SPRINKLER PLAN
APPROVED:	
PHASE	100% CONSTRUCTION DOCUMENTS
FLS	FULLY SPRINKLERED
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	November 10, 2025
CHECKED BY	CC
DRAWN BY	XA
PROJECT NUMBER	402-22-700
BUILDING NUMBER	200
DRAWING NUMBER	200E-FS-001

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

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FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

NORTH

2 ENLARGED PLAN - TR RM E122
1/4" = 1'-0"

1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 200E
1/8" = 1'-0"

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 200E-FS-011

VA FORM 08 - 6231

REISSUED 02-18-2026

2 ENLARGED PLAN - TR RM E201

1/4" = 1'-0"

1 LEVEL 2 FIRE PROTECTION PLAN - BLDG. 200E

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

GENERAL NOTES

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12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◉ UPRIGHT SPRINKLER

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 2 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 200
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 200E-FS-021
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026

2 ENLARGED PLAN - TR RM E341

1/4" = 1'-0"

1 LEVEL 3 FIRE PROTECTION PLAN - BLDG. 200E

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

NORTH

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
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FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◉ UPRIGHT SPRINKLER

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

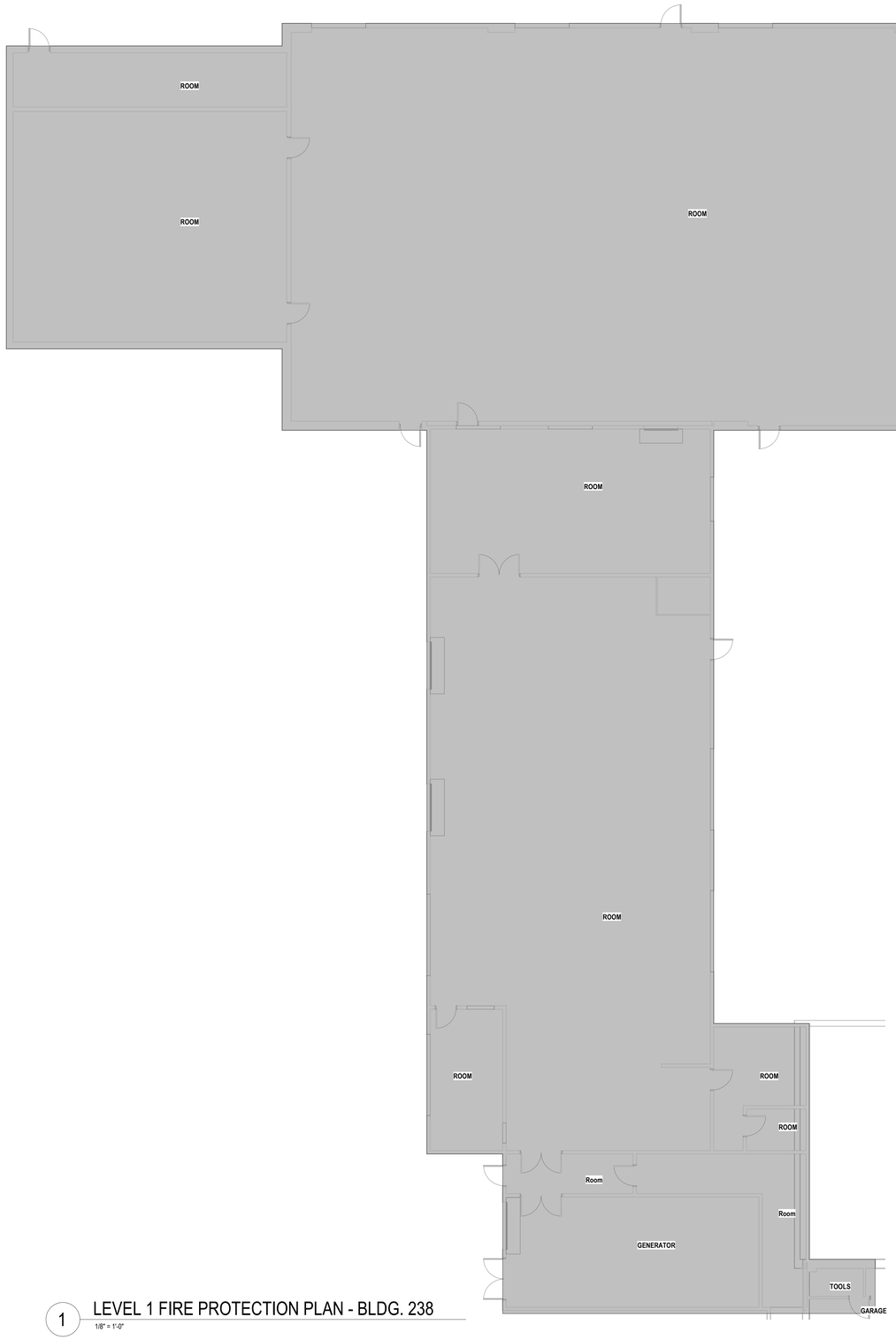
PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 200 LEVEL 3 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 200
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 200E-FS-031

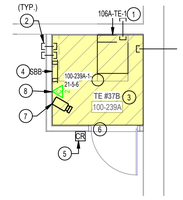
VA FORM 08 - 6231

REISSUED 02-18-2026



1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 238
1/8" = 1'-0"

2 BASEMENT FIRE PROTECTION PLAN - BLDG. 201
1/8" = 1'-0"



3 ENLARGE PLAN - BLDG 239 RM 100
1/4" = 1'-0"

GENERAL NOTES

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11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

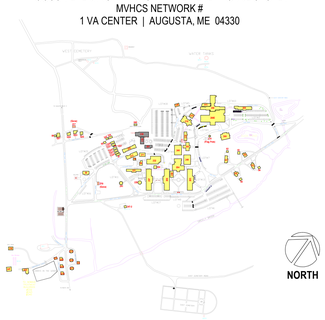
FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT

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Conrad Chandler, PE

GDM ARCHITECTS • ENGINEERS

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 201, 238 & 239 BASEMENT & LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 201, 238 & 239
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 201-FS-001

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
2. THE CONTRACTOR IS REQUIRED TO INSTALL THE QUANTITY OF SPRINKLERS NECESSARY TO COMPLY WITH NFPA 13-2022 CHAPTER 10, PROTECTION AREAS AND MAXIMUM SPACING OF STANDARD PENDENT AND UPRIGHT SPRAY SPRINKLERS FOR LIGHT HAZARD.
3. THE CONTRACTOR SHALL PROVIDE NEW BRANCH PIPING AS NECESSARY FOR THE FLOORPLAN CHANGES.
4. THE CONTRACTOR SHALL ALSO PROVIDE NEW BRANCH PIPING AND SPRINKLERS FOR ANY NEW OBSTRUCTIONS CREATED BY NEW DUCTWORK, CABLE TRAYS, CONDUITS, AND ELECTRICAL EQUIPMENT.
5. IN AREAS WITH A CEILING HEIGHT CHANGE, THE CONTRACTOR MUST RELOCATE THE SPRINKLERS TO ACCOMMODATE THE NEW CEILING HEIGHT IN ACCORDANCE WITH NFPA 13.
6. REUSE OF EXISTING FIRE SPRINKLERS IN TELECOMMUNICATION ROOMS IS NOT PERMITTED.
7. PROVIDE NEW INTERMEDIATE TEMPERATURE, STANDARD RESPONSE, FUSIBLE LINK SPRINKLERS FOR ALL TELECOMMUNICATION ROOMS.
8. PROVIDE UL LISTED MECHANICAL GUARDS FOR ALL SPRINKLERS WITHIN TELECOMMUNICATION ROOMS.
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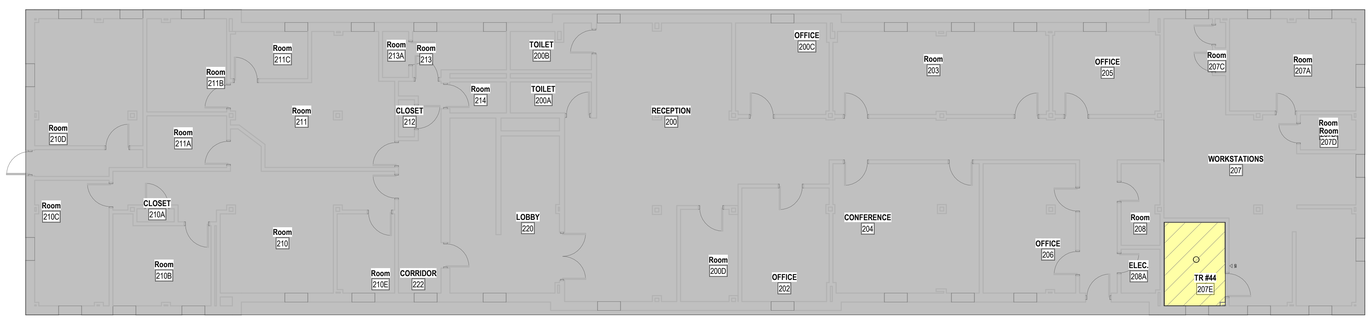
11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER

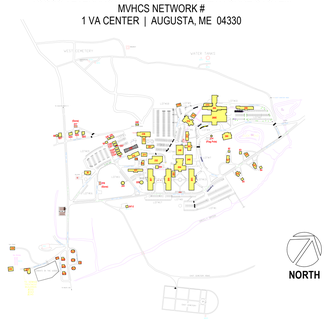


1 LEVEL 2 FIRE PROTECTION PLAN - BLDG. 202

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT

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ARCHITECT/ENGINEER OF RECORD

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Conrad Chandler, PE

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA 11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 202 LEVE 2 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 202
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 202-FS-012

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
2. THE CONTRACTOR IS REQUIRED TO INSTALL THE QUANTITY OF SPRINKLERS NECESSARY TO COMPLY WITH NFPA 13-2022 CHAPTER 10, PROTECTION AREAS AND MAXIMUM SPACING OF STANDARD PENDENT AND UPRIGHT SPRAY SPRINKLERS FOR LIGHT HAZARD.
3. THE CONTRACTOR SHALL PROVIDE NEW BRANCH PIPING AS NECESSARY FOR THE FLOORPLAN CHANGES.
4. THE CONTRACTOR SHALL ALSO PROVIDE NEW BRANCH PIPING AND SPRINKLERS FOR ANY NEW OBSTRUCTIONS CREATED BY NEW DUCTWORK, CABLE TRAYS, CONDUITS, AND ELECTRICAL EQUIPMENT.
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6. REUSE OF EXISTING FIRE SPRINKLERS IN TELECOMMUNICATION ROOMS IS NOT PERMITTED.
7. PROVIDE NEW INTERMEDIATE TEMPERATURE, STANDARD RESPONSE, FUSIBLE LINK SPRINKLERS FOR ALL TELECOMMUNICATION ROOMS.
8. PROVIDE UL LISTED MECHANICAL GUARDS FOR ALL SPRINKLERS WITHIN TELECOMMUNICATION ROOMS.
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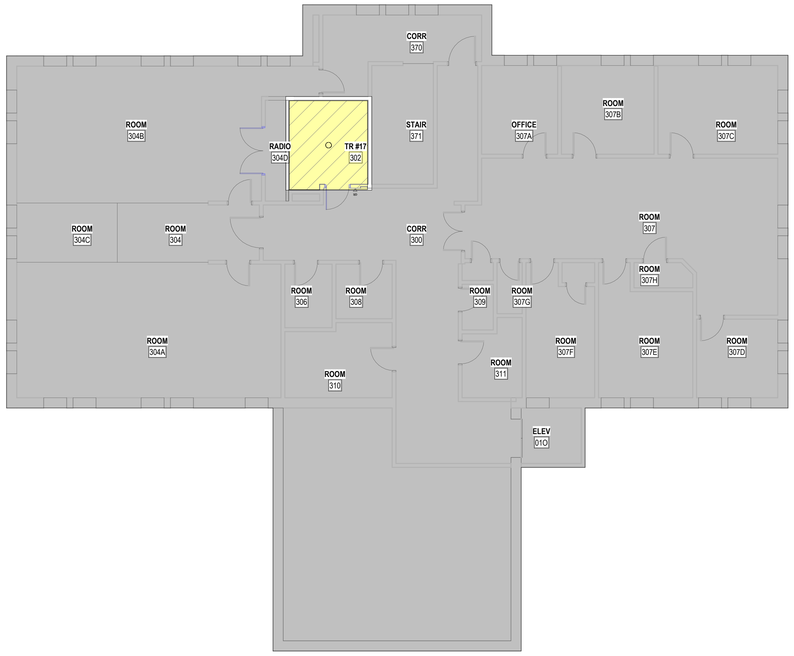
11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER

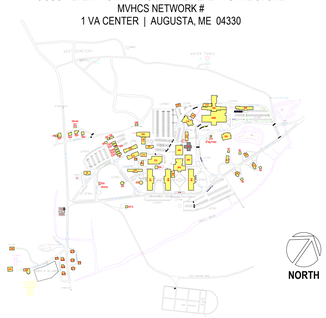


1 LEVEL 3 FIRE PROTECTION PLAN - BLDG. 203

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 203 LEVEL 3 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 203
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 203-FS-031

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
2. THE CONTRACTOR IS REQUIRED TO INSTALL THE QUANTITY OF SPRINKLERS NECESSARY TO COMPLY WITH NFPA 13-2022 CHAPTER 10, PROTECTION AREAS AND MAXIMUM SPACING OF STANDARD PENDENT AND UPRIGHT SPRAY SPRINKLERS FOR LIGHT HAZARD.
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6. REUSE OF EXISTING FIRE SPRINKLERS IN TELECOMMUNICATION ROOMS IS NOT PERMITTED.
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8. PROVIDE UL LISTED MECHANICAL GUARDS FOR ALL SPRINKLERS WITHIN TELECOMMUNICATION ROOMS.
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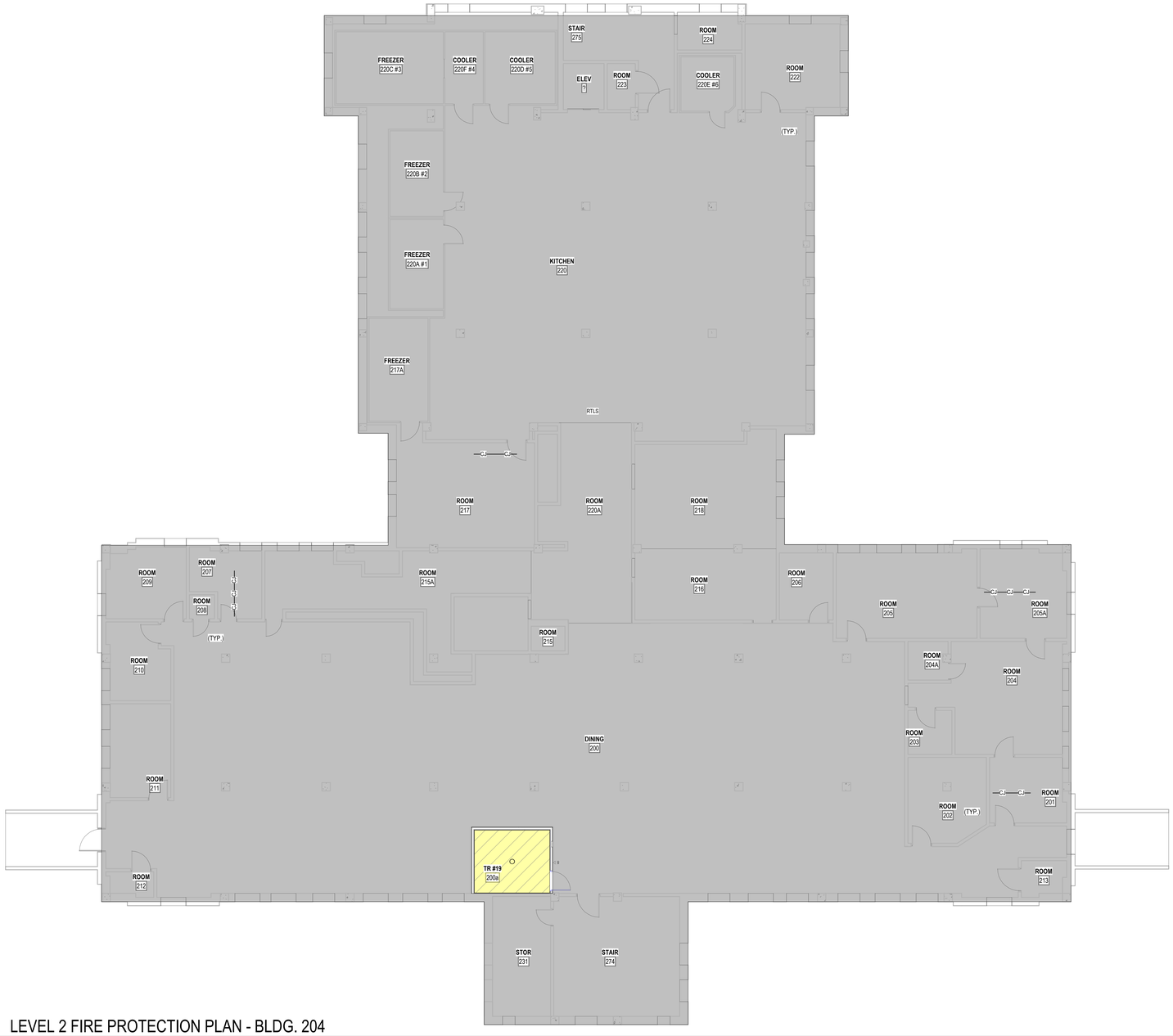
11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◉ UPRIGHT SPRINKLER

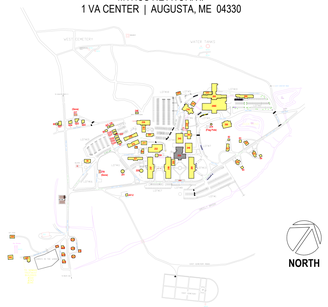


1 LEVEL 2 FIRE PROTECTION PLAN - BLDG. 204

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT

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GDM ARCHITECTS • ENGINEERS

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 204 LEVEL 2 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 204
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 204-FS-021

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
2. THE CONTRACTOR IS REQUIRED TO INSTALL THE QUANTITY OF SPRINKLERS NECESSARY TO COMPLY WITH NFPA 13-2022 CHAPTER 10, PROTECTION AREAS AND MAXIMUM SPACING OF STANDARD PENDENT AND UPRIGHT SPRAY SPRINKLERS FOR LIGHT HAZARD.
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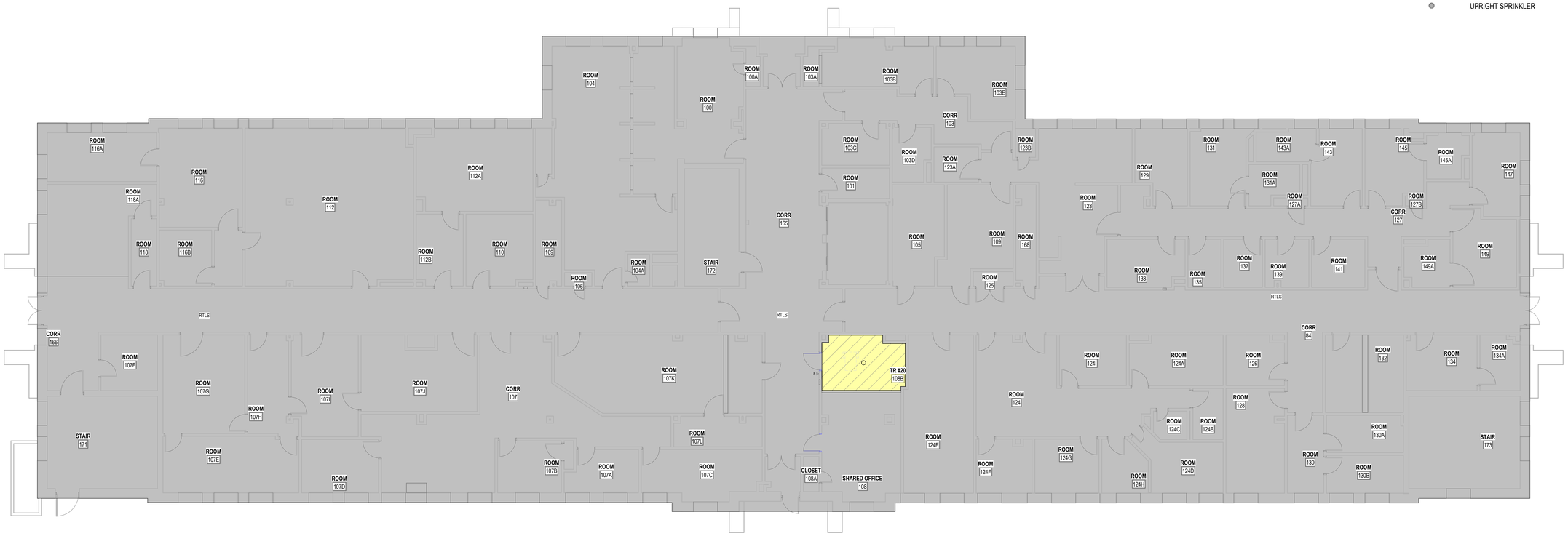
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER



1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 205

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 205 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 205
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 205-FS-011

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
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FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

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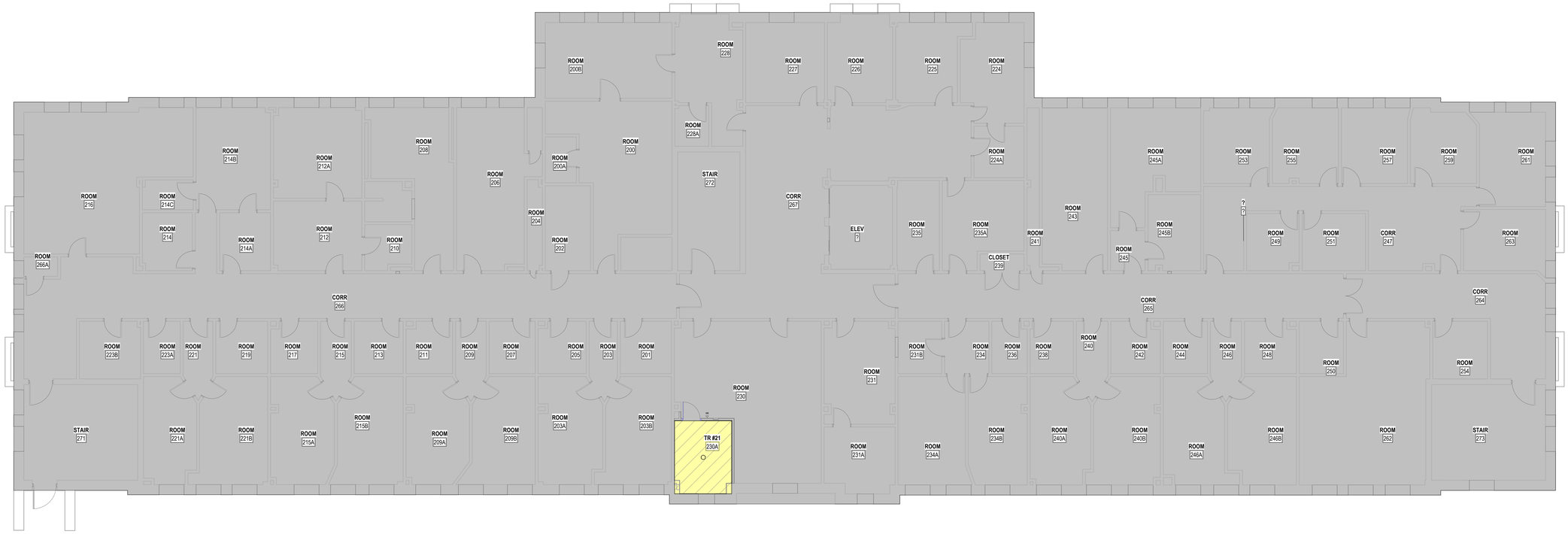
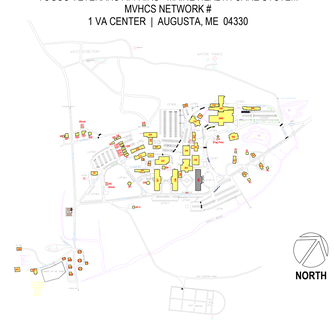


1 LEVEL 2 FIRE PROTECTION PLAN - BLDG. 205

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT

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Conrad Chandler, PE

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER SFPE FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 205 LEVEL 2 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 205
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 205-FS-021
		ISSUE DATE: November 10, 2025 / CHECKED BY: DC / DRAWN BY: AH	

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

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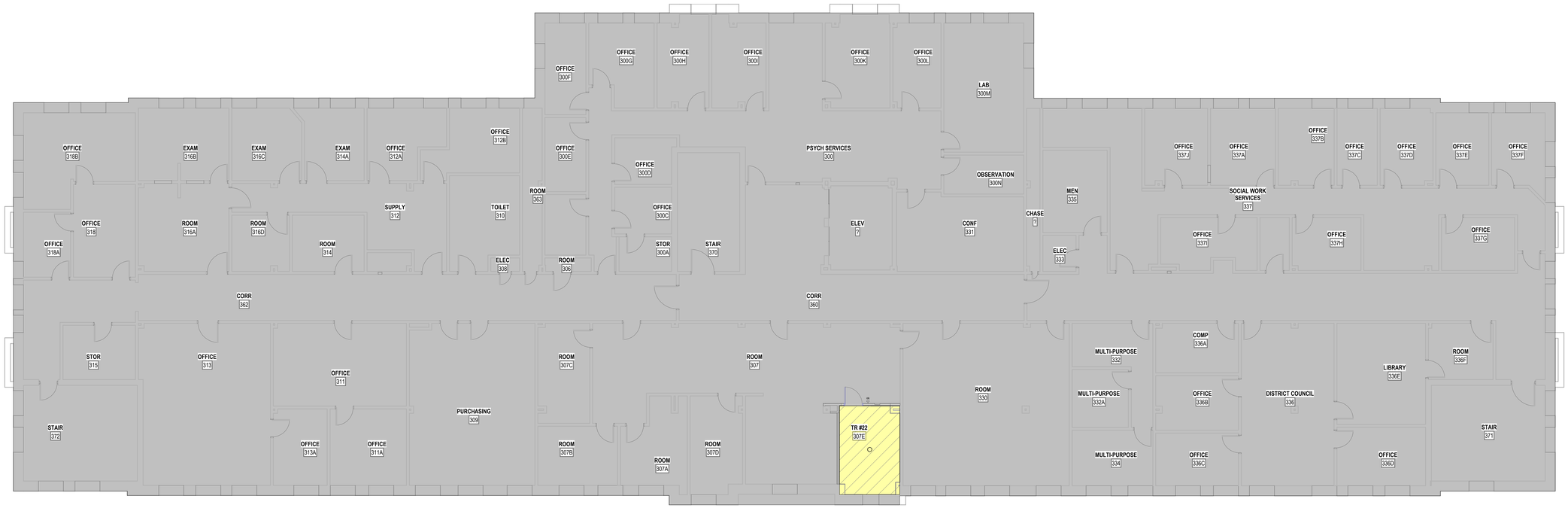
7. PROVIDE NEW INTERMEDIATE TEMPERATURE, STANDARD RESPONSE, FUSIBLE LINK SPRINKLERS FOR ALL TELECOMMUNICATION ROOMS.
8. PROVIDE UL LISTED MECHANICAL GUARDS FOR ALL SPRINKLERS WITHIN TELECOMMUNICATION ROOMS.
9. SINCE ALL NEW FIRE SPRINKLERS ARE REQUIRED, THERE SHOULD BE NO CASE WHERE STANDARD AND QUICK RESPONSE SPRINKLERS ARE MIXED WITHIN A TR COMPARTMENT.
10. FOR AREAS ADJACENT TO TRS, AND AFFECTED BY THE DEMOLITION, CONSTRUCTION, OR RELOCATED OF TR WALLS, THE CONTRACTOR SHALL MODIFY THE FIRE SPRINKLER SYSTEM OF THE AFFECTED AREA AS NECESSARY TO MAINTAIN COMPLIANCE WITH NFPA 13. THIS WILL REQUIRE FIELD VERIFICATION OF THE EXISTING SPRINKLER HEADS SERVING THE AREA. MIXING QUICK RESPONSE AND STANDARD RESPONSE SPRINKLERS WITHIN THESE AREAS IS PROHIBITED PER NFPA 13.
11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

● UPRIGHT SPRINKLER



1 LEVEL 3 FIRE PROTECTION PLAN - BLDG. 205

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 205 LEVEL 3 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 205
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 205-FS-031

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
2. THE CONTRACTOR IS REQUIRED TO INSTALL THE QUANTITY OF SPRINKLERS NECESSARY TO COMPLY WITH NFPA 13-2022 CHAPTER 10, PROTECTION AREAS AND MAXIMUM SPACING OF STANDARD PENDENT AND UPRIGHT SPRAY SPRINKLERS FOR LIGHT HAZARD.
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FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

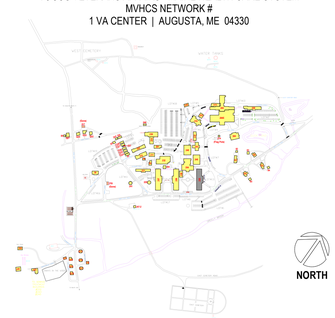
◍ UPRIGHT SPRINKLER

1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 206

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 206 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 206
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 206-FS-011

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

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FIRE SPRINKLER SYSTEM LEGEND

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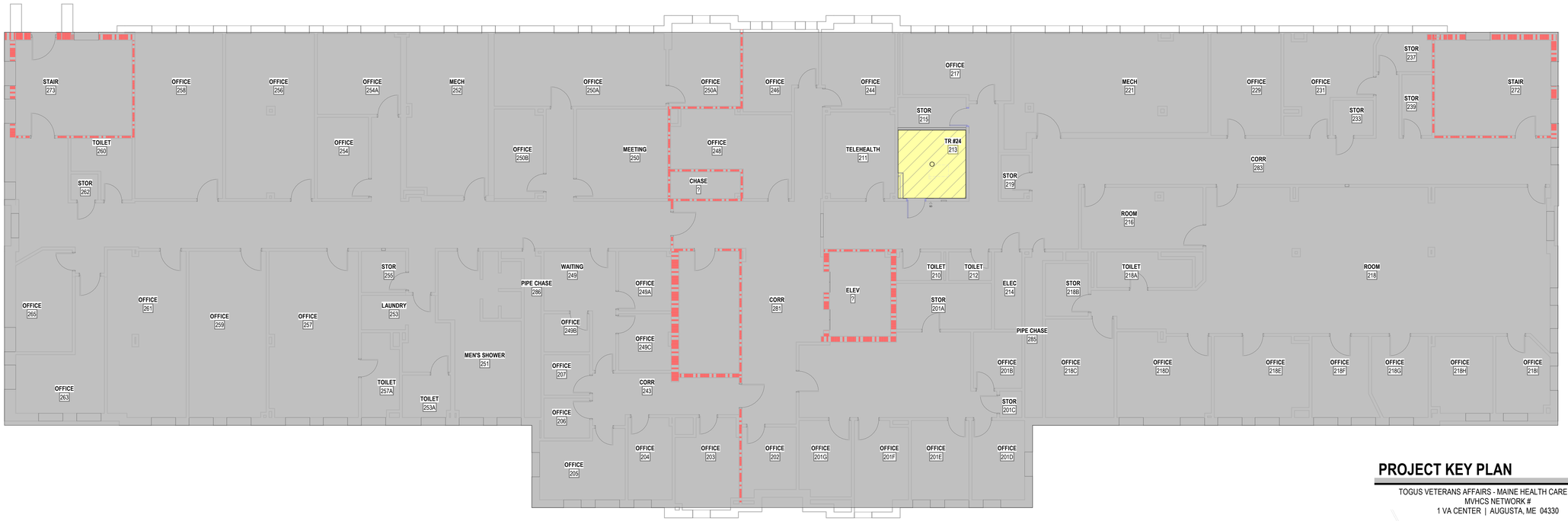
◍ UPRIGHT SPRINKLER

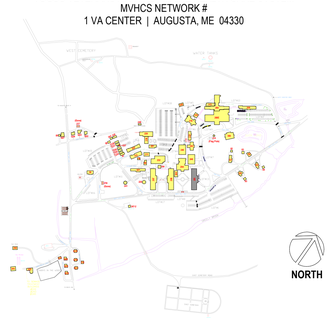


1 LEVEL 2 FIRE PROTECTION PLAN - BLDG. 206

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	BUILDING 206 LEVEL 2 FIRE SPRINKLER PLAN
APPROVED:	
PHASE	100% CONSTRUCTION DOCUMENTS
FLS	FULLY SPRINKLERED
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	November 10, 2025
CHECKED BY	CC
DRAWN BY	XA
PROJECT NUMBER	402-22-700
BUILDING NUMBER	206
DRAWING NUMBER	206-FS-021

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

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FIRE SPRINKLER SYSTEM LEGEND

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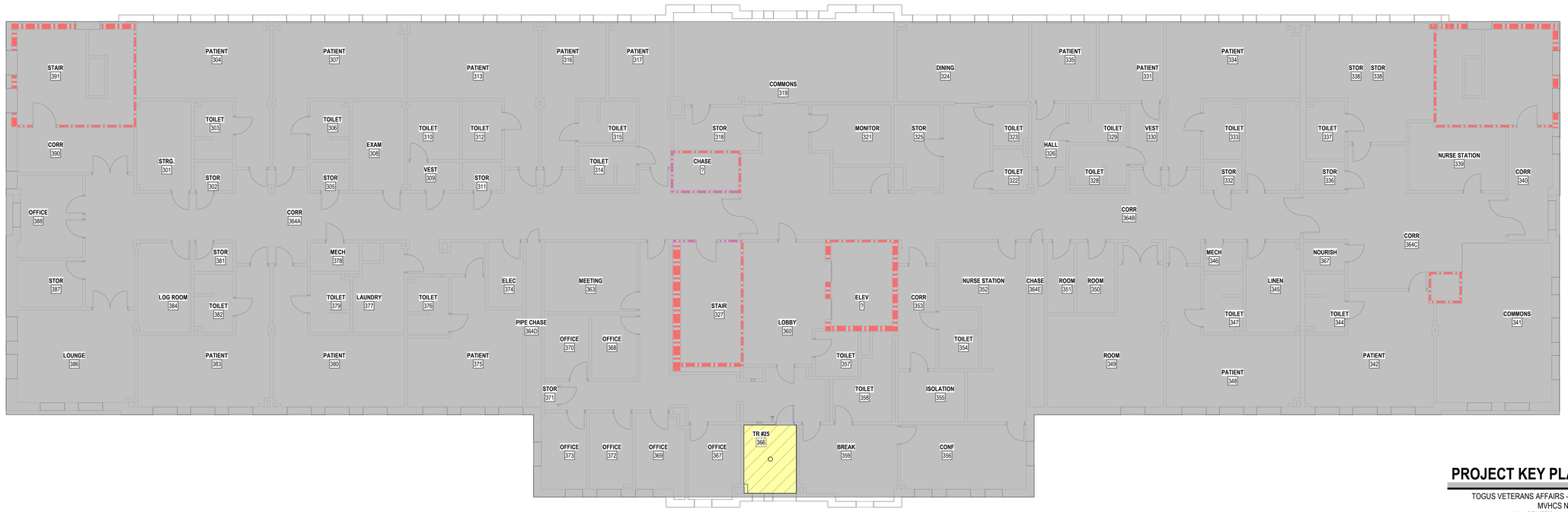

1 LEVEL 3 FIRE PROTECTION PLAN - BLDG. 206

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA 11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	BUILDING 206 LEVEL 3 FIRE SPRINKLER PLAN
PHASE	100% CONSTRUCTION DOCUMENTS
APPROVED:	
FLS	FULLY SPRINKLERED
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER	402-22-700
BUILDING NUMBER	206
LOCATION	TOGUS VA MEDICAL CENTER
DRAWING NUMBER	206-FS-031
ISSUE DATE	November 10, 2025
CHECKED BY	CC
DRAWN BY	XA

VA FORM 08 - 6231

REISSUED 02-18-2026

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FIRE SPRINKLER SYSTEM LEGEND

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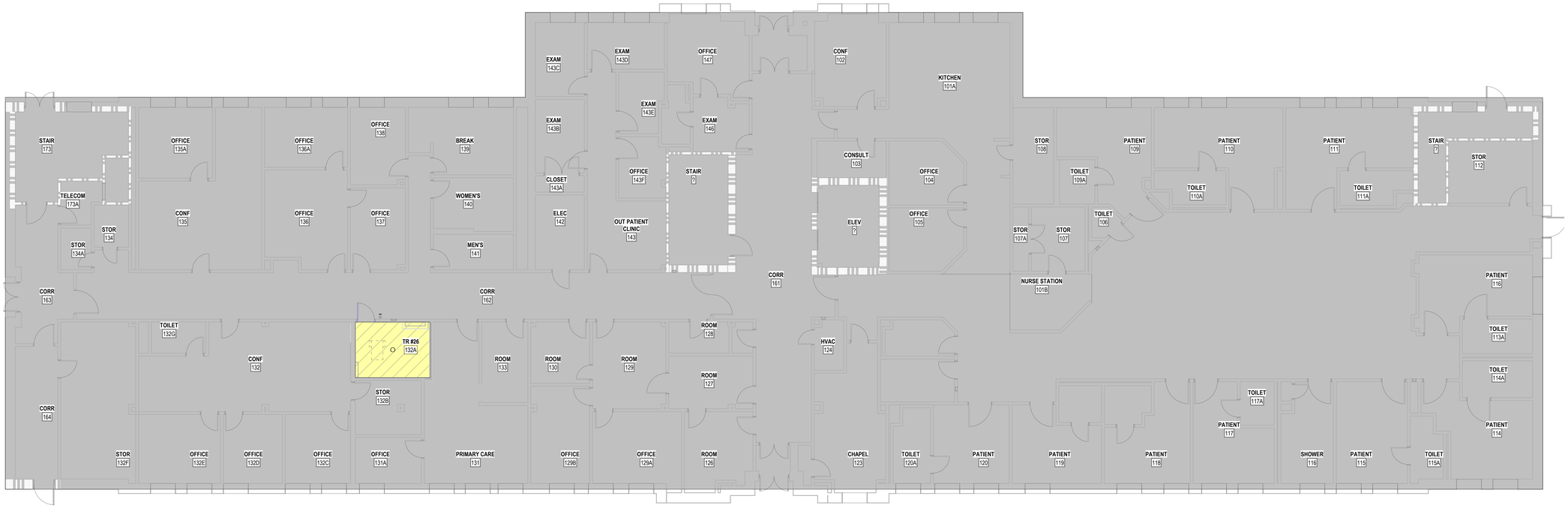

1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 207

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

ARCHITECT:
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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE	BUILDING 207 LEVEL 1 FIRE SPRINKLER PLAN
PHASE	100% CONSTRUCTION DOCUMENTS
PROJECT TITLE	ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME
PROJECT NUMBER	402-22-700
BUILDING NUMBER	207
APPROVED:	
FLS	FULLY SPRINKLERED
LOCATION	TOGUS VA MEDICAL CENTER
ISSUE DATE	November 10, 2025
CHECKED BY	CC
DRAWN BY	XA
DRAWING NUMBER	207-FS-011

VA FORM 08 - 6231

REISSUED 02-18-2026

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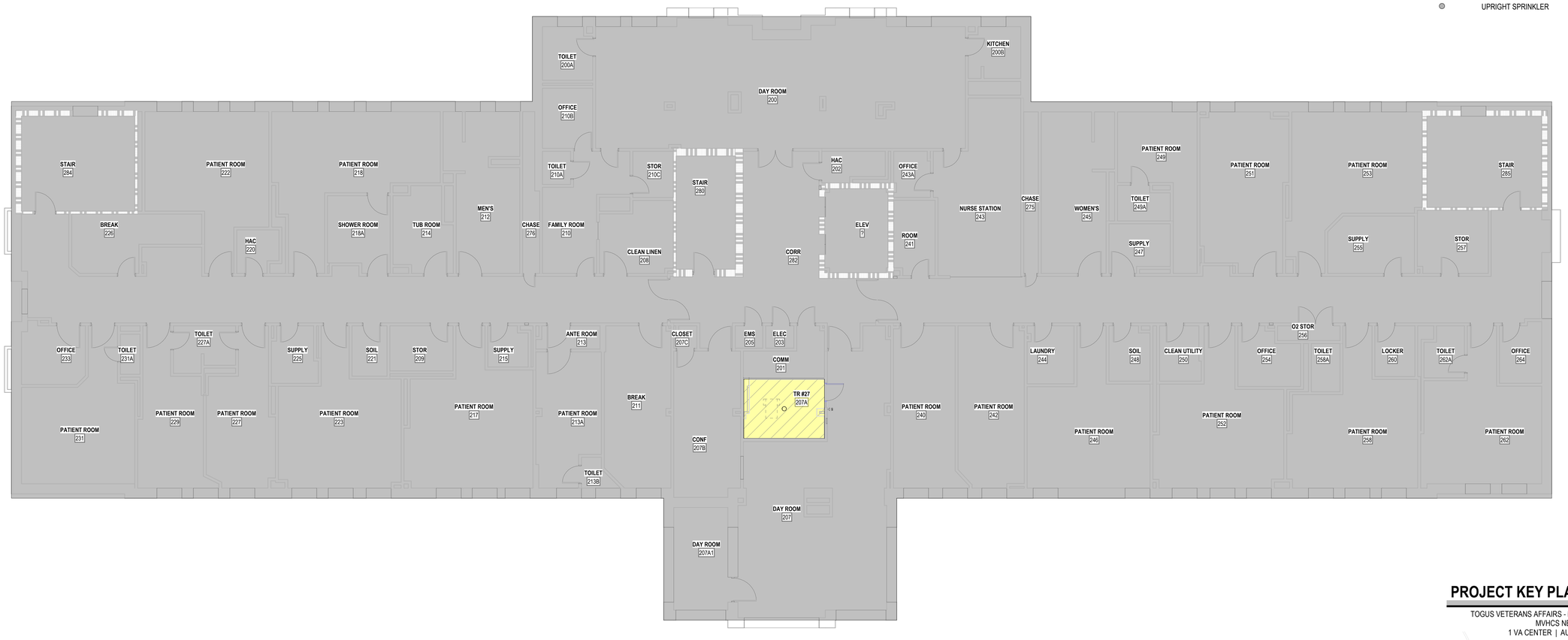

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PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 207 LEVEL 2 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 207
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 207-FS-021

VA FORM 08 - 6231

REISSUED 02-18-2026

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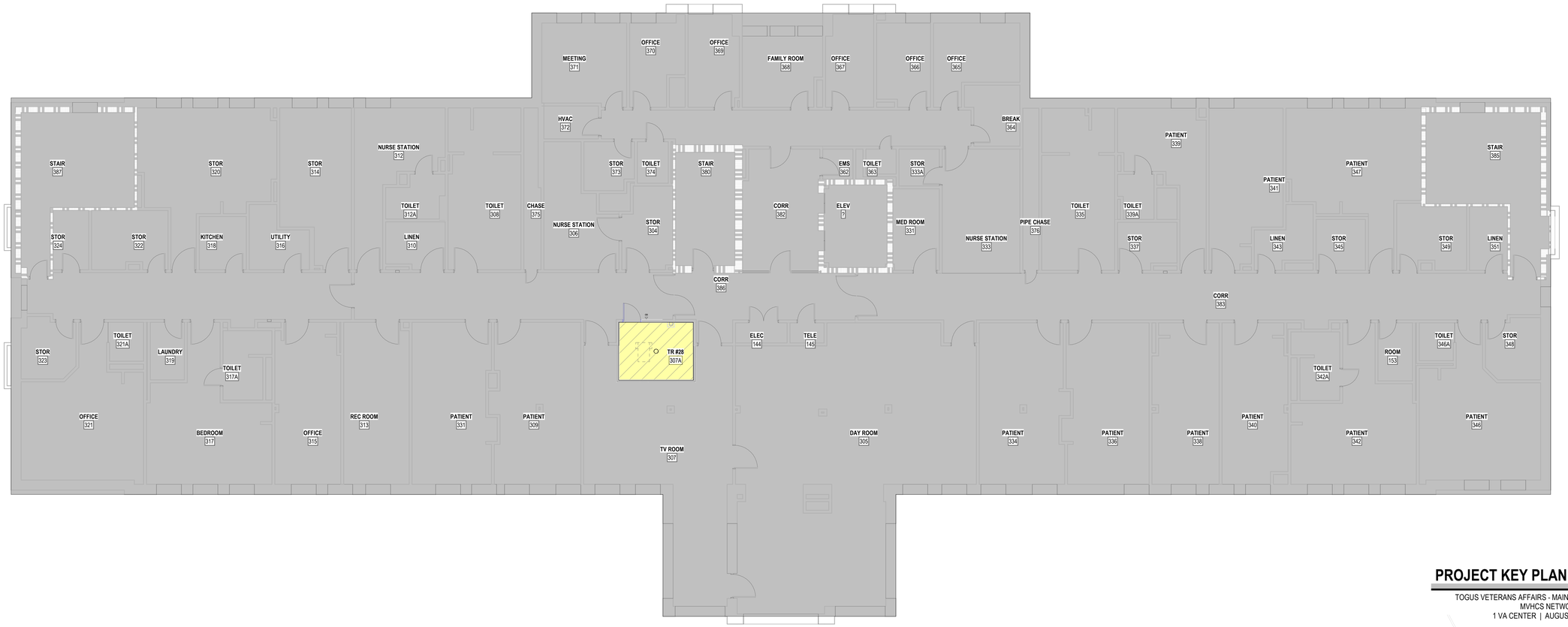
10. FOR AREAS ADJACENT TO TRS, AND AFFECTED BY THE DEMOLITION, CONSTRUCTION, OR RELOCATED OF TR WALLS, THE CONTRACTOR SHALL MODIFY THE FIRE SPRINKLER SYSTEM OF THE AFFECTED AREA AS NECESSARY TO MAINTAIN COMPLIANCE WITH NFPA 13. THIS WILL REQUIRE FIELD VERIFICATION OF THE EXISTING SPRINKLER HEADS SERVING THE AREA. MIXING QUICK RESPONSE AND STANDARD RESPONSE SPRINKLERS WITHIN THESE AREAS IS PROHIBITED PER NFPA 13.
11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

● UPRIGHT SPRINKLER

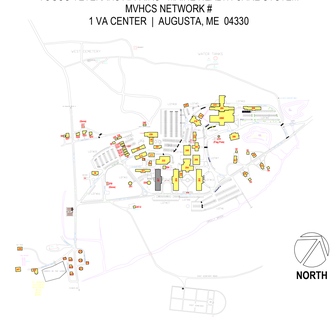


1 LEVEL 3 FIRE PROTECTION PLAN - BLDG. 207

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

CONSULTANT

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Conrad Chandler, PE

GDM ARCHITECTS • ENGINEERS

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 207 LEVEL 3 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 207
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 207-FS-031

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
2. THE CONTRACTOR IS REQUIRED TO INSTALL THE QUANTITY OF SPRINKLERS NECESSARY TO COMPLY WITH NFPA 13-2022 CHAPTER 10, PROTECTION AREAS AND MAXIMUM SPACING OF STANDARD PENDENT AND UPRIGHT SPRAY SPRINKLERS FOR LIGHT HAZARD.
3. THE CONTRACTOR SHALL PROVIDE NEW BRANCH PIPING AS NECESSARY FOR THE FLOORPLAN CHANGES.
4. THE CONTRACTOR SHALL ALSO PROVIDE NEW BRANCH PIPING AND SPRINKLERS FOR ANY NEW OBSTRUCTIONS CREATED BY NEW DUCTWORK, CABLE TRAYS, CONDUITS, AND ELECTRICAL EQUIPMENT.
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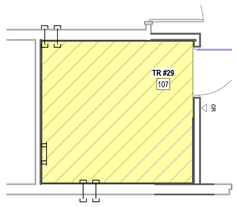
11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

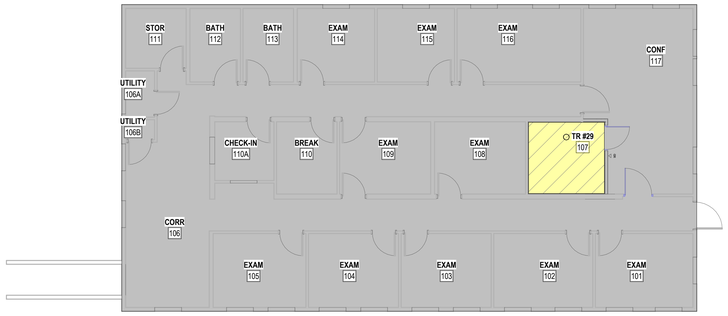
FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER



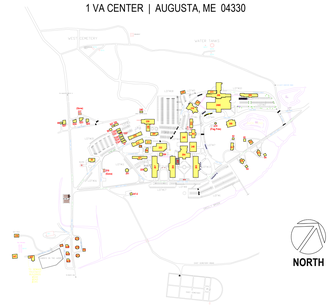
2 FIRE ENLARGED PLAN - RM 107
1/4" = 1'-0"



1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 208
1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA 11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 208 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 208
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 208-FS-011
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC	DRAWN BY: XA

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
2. THE CONTRACTOR IS REQUIRED TO INSTALL THE QUANTITY OF SPRINKLERS NECESSARY TO COMPLY WITH NFPA 13-2022 CHAPTER 10, PROTECTION AREAS AND MAXIMUM SPACING OF STANDARD PENDENT AND UPRIGHT SPRAY SPRINKLERS FOR LIGHT HAZARD.
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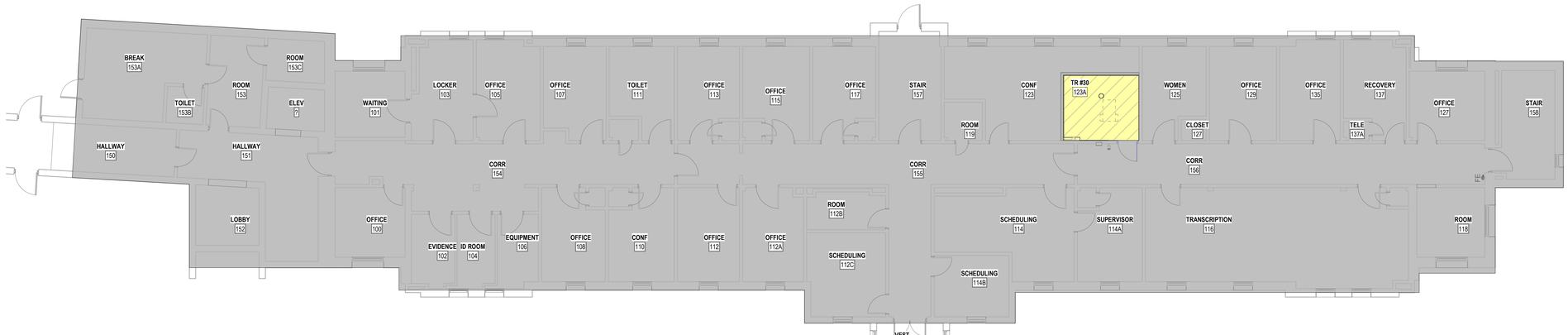
FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER



1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 209

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 209 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 209
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 209-FS-011

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

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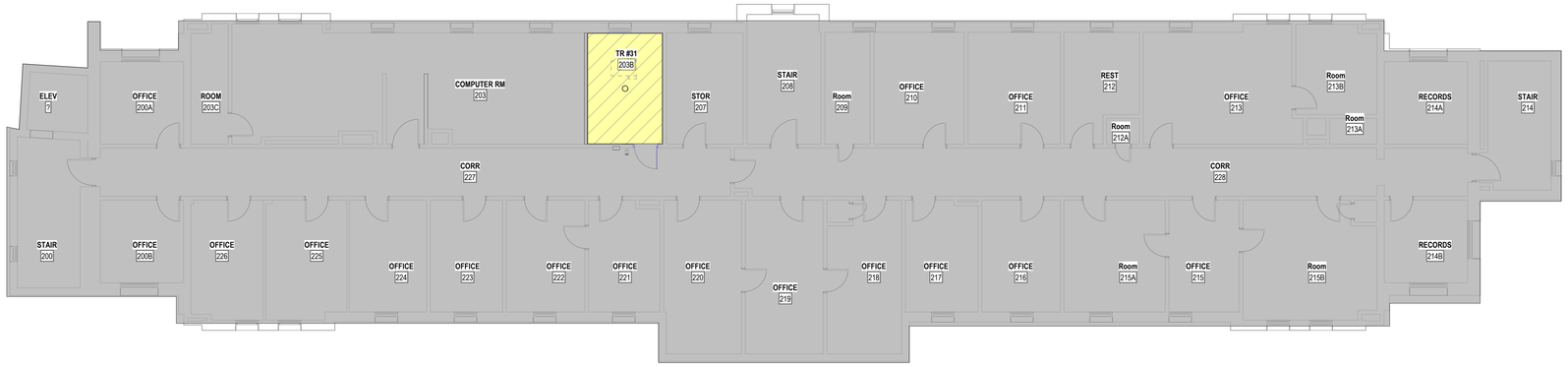
FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER



1 LEVEL 2 FIRE PROTECTION PLAN - BLDG. 209

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA 11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 209 LEVEL 2 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 209
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 209-FS-021

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

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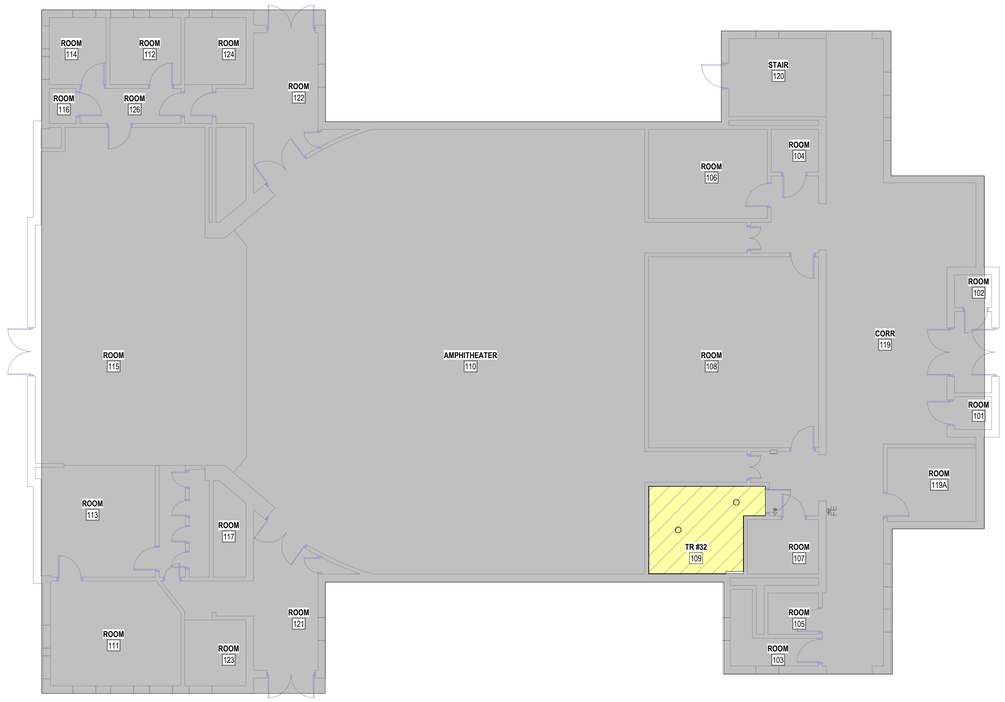
FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER

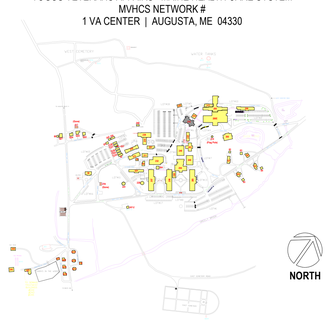


1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 210

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA 9-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 210 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 210
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 210-FS-011
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
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FIRE SPRINKLER SYSTEM LEGEND

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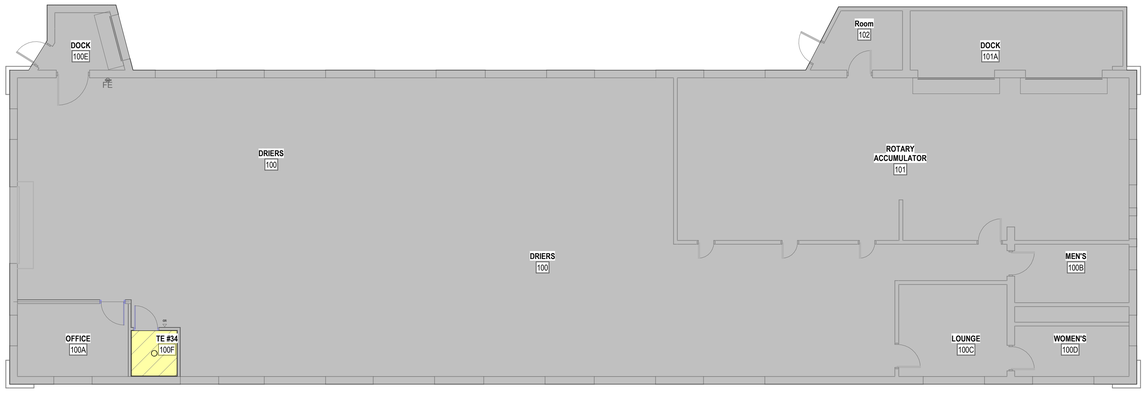

1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 212

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

CONSULTANT

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 212 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 212
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 212-FS-011
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026

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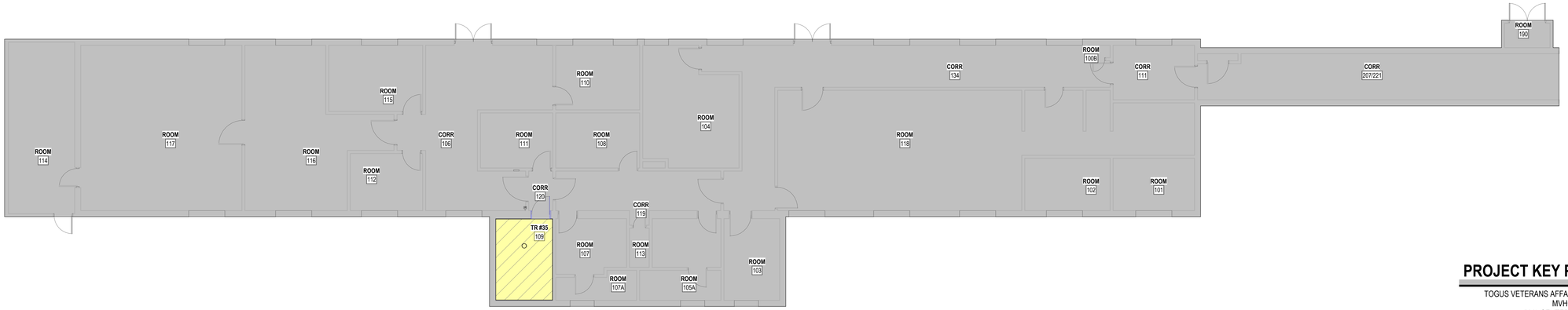
5. IN AREAS WITH A CEILING HEIGHT CHANGE, THE CONTRACTOR MUST RELOCATE THE SPRINKLERS TO ACCOMMODATE THE NEW CEILING HEIGHT IN ACCORDANCE WITH NFPA 13.
6. REUSE OF EXISTING FIRE SPRINKLERS IN TELECOMMUNICATION ROOMS IS NOT PERMITTED.
7. PROVIDE NEW INTERMEDIATE TEMPERATURE, STANDARD RESPONSE, FUSIBLE LINK SPRINKLERS FOR ALL TELECOMMUNICATION ROOMS.
8. PROVIDE UL LISTED MECHANICAL GUARDS FOR ALL SPRINKLERS WITHIN TELECOMMUNICATION ROOMS.
9. SINCE ALL NEW FIRE SPRINKLERS ARE REQUIRED, THERE SHOULD BE NO CASE WHERE STANDARD AND QUICK RESPONSE SPRINKLERS ARE MIXED WITHIN A TR COMPARTMENT.
10. FOR AREAS ADJACENT TO TRS, AND AFFECTED BY THE DEMOLITION, CONSTRUCTION, OR RELOCATED OF TR WALLS, THE CONTRACTOR SHALL MODIFY THE FIRE SPRINKLER SYSTEM OF THE AFFECTED AREA AS NECESSARY TO MAINTAIN COMPLIANCE WITH NFPA 13. THIS WILL REQUIRE FIELD VERIFICATION OF THE EXISTING SPRINKLER HEADS SERVING THE AREA. MIXING QUICK RESPONSE AND STANDARD RESPONSE SPRINKLERS WITHIN THESE AREAS IS PROHIBITED PER NFPA 13.
11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER

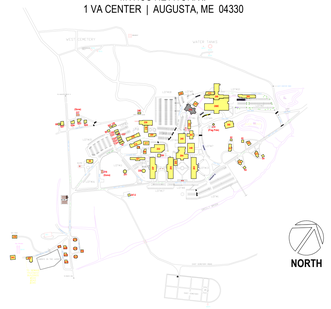


1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 221

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA 11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 221 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 221
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 221-FS-011

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
2. THE CONTRACTOR IS REQUIRED TO INSTALL THE QUANTITY OF SPRINKLERS NECESSARY TO COMPLY WITH NFPA 13-2022 CHAPTER 10, PROTECTION AREAS AND MAXIMUM SPACING OF STANDARD PENDENT AND UPRIGHT SPRAY SPRINKLERS FOR LIGHT HAZARD.
3. THE CONTRACTOR SHALL PROVIDE NEW BRANCH PIPING AS NECESSARY FOR THE FLOORPLAN CHANGES.
4. THE CONTRACTOR SHALL ALSO PROVIDE NEW BRANCH PIPING AND SPRINKLERS FOR ANY NEW OBSTRUCTIONS CREATED BY NEW DUCTWORK, CABLE TRAYS, CONDUITS, AND ELECTRICAL EQUIPMENT.
5. IN AREAS WITH A CEILING HEIGHT CHANGE, THE CONTRACTOR MUST RELOCATE THE SPRINKLERS TO ACCOMMODATE THE NEW CEILING HEIGHT IN ACCORDANCE WITH NFPA 13.
6. REUSE OF EXISTING FIRE SPRINKLERS IN TELECOMMUNICATION ROOMS IS NOT PERMITTED.
7. PROVIDE NEW INTERMEDIATE TEMPERATURE, STANDARD RESPONSE, FUSIBLE LINK SPRINKLERS FOR ALL TELECOMMUNICATION ROOMS.
8. PROVIDE UL LISTED MECHANICAL GUARDS FOR ALL SPRINKLERS WITHIN TELECOMMUNICATION ROOMS.
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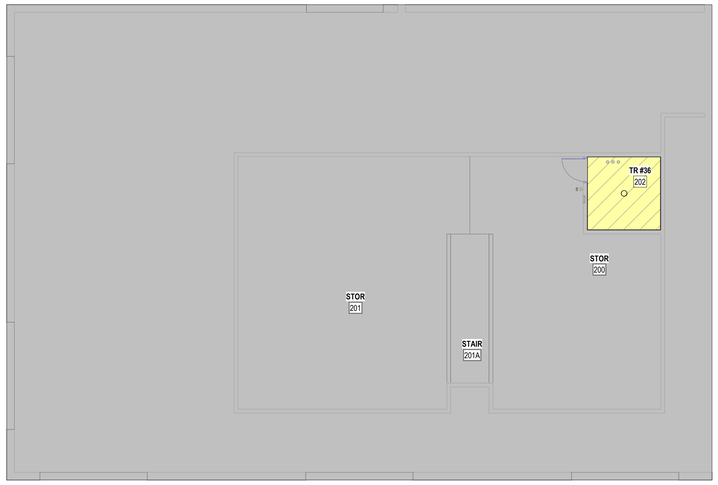
11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER

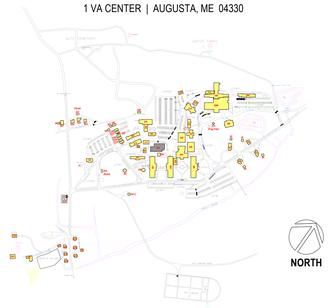


1 LEVEL 2 FIRE PROTECTION PLAN - BLDG. 232

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 232 LEVEL 2 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 232
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 232-FS-021
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
2. THE CONTRACTOR IS REQUIRED TO INSTALL THE QUANTITY OF SPRINKLERS NECESSARY TO COMPLY WITH NFPA 13-2022 CHAPTER 10, PROTECTION AREAS AND MAXIMUM SPACING OF STANDARD PENDENT AND UPRIGHT SPRAY SPRINKLERS FOR LIGHT HAZARD.
3. THE CONTRACTOR SHALL PROVIDE NEW BRANCH PIPING AS NECESSARY FOR THE FLOORPLAN CHANGES.
4. THE CONTRACTOR SHALL ALSO PROVIDE NEW BRANCH PIPING AND SPRINKLERS FOR ANY NEW OBSTRUCTIONS CREATED BY NEW DUCTWORK, CABLE TRAYS, CONDUITS, AND ELECTRICAL EQUIPMENT.
5. IN AREAS WITH A CEILING HEIGHT CHANGE, THE CONTRACTOR MUST RELOCATE THE SPRINKLERS TO ACCOMMODATE THE NEW CEILING HEIGHT IN ACCORDANCE WITH NFPA 13.
6. REUSE OF EXISTING FIRE SPRINKLERS IN TELECOMMUNICATION ROOMS IS NOT PERMITTED.
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11. REFER TO THE ARCHITECTURAL SHEETS LIFE SAFETY SHEETS FOR LOCATION AND TYPE OF FIRE EXTINGUISHERS.
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER

1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 240

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330

Revisions:	Date:

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LICENSED PROFESSIONAL ENGINEER CONRAD L. CHANDLER FIRE PROTECTION STATE OF CALIFORNIA 11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 240 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
			BUILDING NUMBER: 240
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	DRAWING NUMBER: 240-FS-011
		ISSUE DATE: November 10, 2025 / CHECKED BY: DJC / DRAWN BY: AH	

VA FORM 08 - 6231

REISSUED 02-18-2026

GENERAL NOTES

1. FOR TELECOMMUNICATION ROOMS (TRs), THE CONTRACTOR SHALL PROVIDE ALL NEW FIRE SPRINKLERS, AND BRANCH PIPING AS REQUIRED, IN ACCORDANCE WITH NFPA REQUIREMENTS FOR LIGHT HAZARD COVERAGE.
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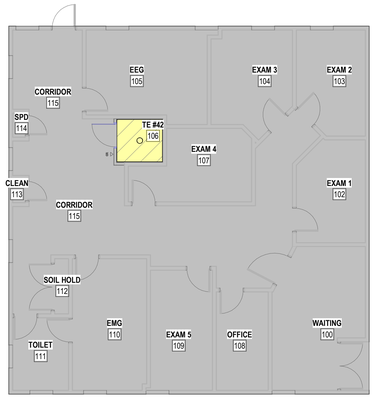
12. PROVIDE PIPE HANGARS AND SEISMIC BRACING AS REQUIRED FOR COMPLIANCE WITH NFPA 13.

FIRE SPRINKLER SYSTEM LEGEND

● PENDENT SPRINKLER

◍ UPRIGHT SPRINKLER

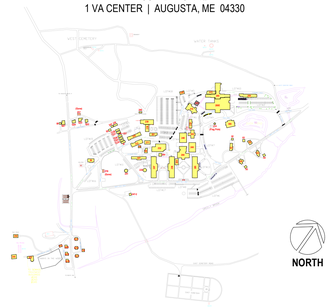


1 LEVEL 1 FIRE PROTECTION PLAN - BLDG. 255

1/8" = 1'-0"

PROJECT KEY PLAN

TOGUS VETERANS AFFAIRS - MAINE HEALTH CARE SYSTEM
MVHCS NETWORK #
1 VA CENTER | AUGUSTA, ME 04330



Revisions:	Date:

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Conrad Chandler, PE

GDM ARCHITECTS • ENGINEERS

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LICENSED PROFESSIONAL ENGINEER
CONRAD L. CHANDLER
FIRE PROTECTION
STATE OF CALIFORNIA
11-10-2025

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE: BUILDING 255 LEVEL 1 FIRE SPRINKLER PLAN	PHASE: 100% CONSTRUCTION DOCUMENTS	PROJECT TITLE: ELECTRONIC HEALTH RECORD MODERNIZATION (EHRM) INFRASTRUCTURE UPGRADES - TOGUS, ME	PROJECT NUMBER: 402-22-700
APPROVED:	FLS: FULLY SPRINKLERED	LOCATION: TOGUS VA MEDICAL CENTER	BUILDING NUMBER: 255
		ISSUE DATE: November 10, 2025 / CHECKED BY: CC / DRAWN BY: XA	DRAWING NUMBER: 255-FS-011

VA FORM 08 - 6231

REISSUED 02-18-2026