



ISSUE FOR BID

JANUARY 16, 2024

FARGO VA HEALTH CARE SYSTEM

PROJECT TITLE: 437-21-210

EHRM INFRASTRUCTURE UPGRADES - TIER 2

1-9-46 (MAIN HOSPITAL BUILDING),
3, 10, 11, 12, 13, 30, 39, 40, 51, 52, 56

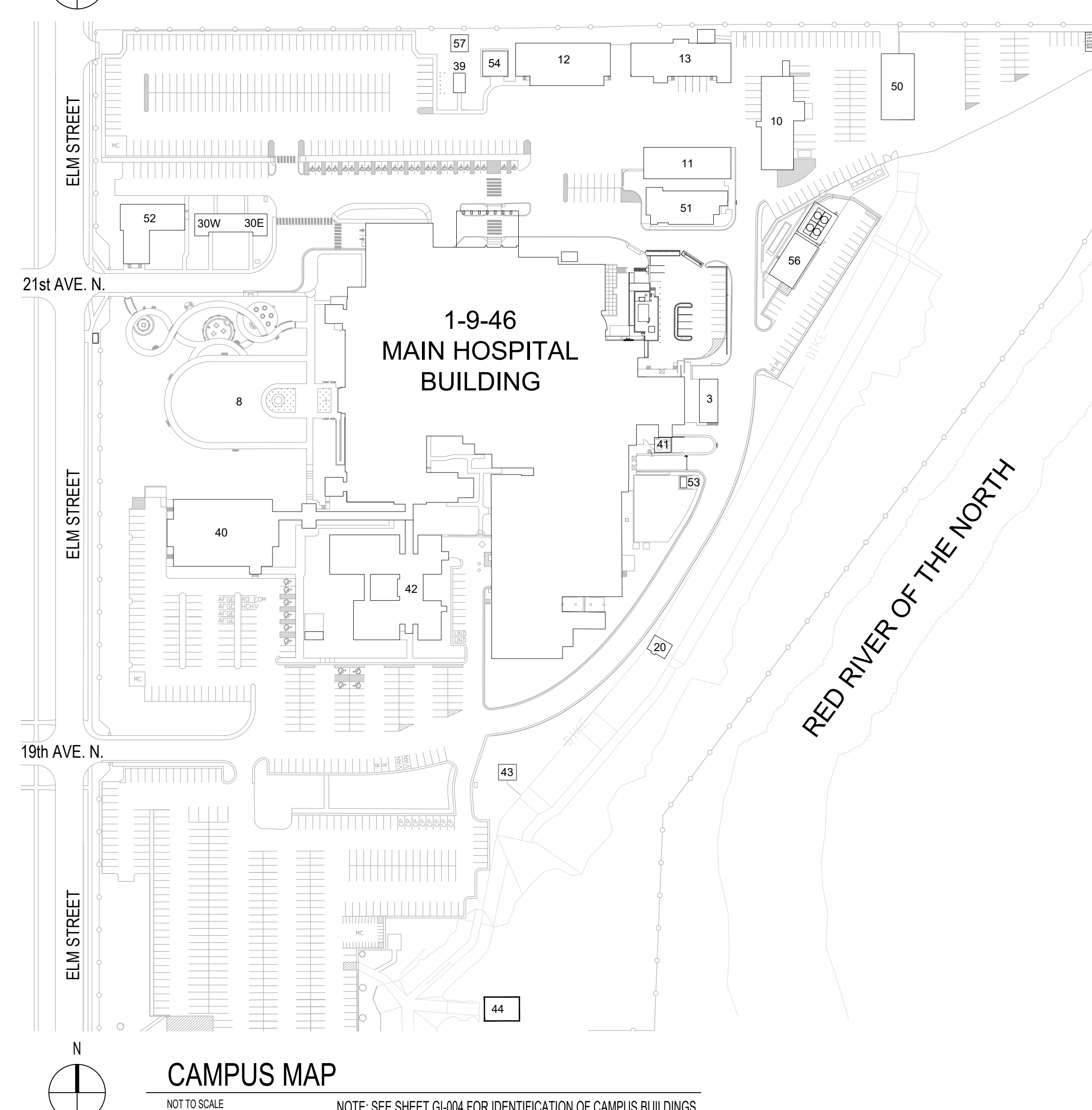
BANCROFT ARCHITECTS + ENGINEERS

HOHBACH-LEWIN, INC.

HOHBACH-LEWIN, INC.

TEM ENVIRONMENTAL INC.

174 N. BRANDON DRIVE
GLENDALE HEIGHTS, IL 60139
www.tem-inc.com



PROFESSIONAL SEALS

A circular professional engineer seal for Thompson, with the number 36767 and the date 1/16/2024. The seal is partially obscured by a large, dark, handwritten signature or scribble.[illegible]

Sheet Number	Sheet Title	50% DD	85% CD	100% CD	Issue for Bid
E502	ELECTRICAL - DETAILS		*	*	*
EP500	ELECTRICAL - UPS EM POWER FAILOVER SCENARIOS	*	*	*	*
ELECTRICAL- ELECTRICAL SCHEDULES					
E601	ELECTRICAL - EQ MCR AND EM GEN SWITCHBOARD SCHEDULES	*	*	*	*
E602	ELECTRICAL - EQUIPMENT, LIGHTING AND UPS SYSTEM SCHEDULES	*	*	*	*
E603	ELECTRICAL - EMERGENCY PANEL SCHEDULES	*	*	*	*
E604	ELECTRICAL - UPS-A PANELS WIRING SCHEDULE	*	*	*	*
E605	ELECTRICAL - EMERGENCY PANELS WIRING SCHEDULE	*	*	*	*
E606	ELECTRICAL - BC-50 DATA CENTER PANEL SCHEDULES DEMO	*	*	*	*
E606	ELECTRICAL - DATA CENTER PANEL SCHEDULES	*	*	*	*
E607	ELECTRICAL - DATA CENTER PANEL SCHEDULES	*	*	*	*
ELECTRICAL- ELECTRICAL SINGLE LINES					
ED707	ELECTRICAL - UPS SYSTEM A - ROOM BC-50A - DEMOLITION	*	*	*	*
E707	ELECTRICAL - MCR MONOLITHIC UPS-A & UPS-B BLOCK DIAGRAM	*	*	*	*
E708	ELECTRICAL - EM GEN 46 SWBD 46EE-SWBD, UPS-A AND UPS-B				
ICT					
TT-001	ICT - GENERAL NOTES, SYMBOLS + ABBREVIATIONS	*	*	*	*
TT-202	ICT - CONSTRUCTION SEQUENCE OF WORK - BASEMENT	*	*	*	*
TT-801-101	ICT - BUILDING 1-9-46 - BASEMENT ROUTING PLAN	*	*	*	*
TT-801-111	ICT - BUILDING1-9-46 - FIRST ROUTING PLAN	*	*	*	*
TT-801-121	ICT - BUILDING 1-9-46 - SECOND ROUTING PLAN	*	*	*	*
TT-801-131	ICT - BUILDING 1-9-46 - THIRD ROUTING PLAN	*	*	*	*
TT-801-141	ICT - BUILDING 1-9-46 - FOURTH ROUTING PLAN	*	*	*	*
TT-801-151	ICT - BUILDING 1-9-46 - PENTHOUSE ROUTING PLAN	*	*	*	*
TT-801-401	ICT - BUILDING 1-9-46 - ENLARGED PLAN - BASEMENT	*	*	*	*
TT-801-402	ICT - BUILDING 1-9-46 - MCR ENLARGED PLAN	*	*	*	*
TT-801-403	ICT - BUILDING 1-9-46 - MCR ENLARGED CABLE TRAY PLAN	*	*	*	*
TT-801-404	ICT - BUILDING 1-9-46 - MCR ENLARGED PLAN	*	*	*	*
TT-801-405	ICT - BUILDING 1-9-46 - MCR ENLARGED PLAN	*	*	*	*
TT-801-406	ICT - BUILDING 1-9-46 - MCR ENLARGED SECURITY	*	*	*	*
TT-801-407	ICT - BUILDING 1 - SECTIONS - MCR	*	*	*	*
TT-801-408	ICT - BUILDING 1 - SECTIONS - MCR	*	*	*	*
TT-803-101	ICT - BUILDING 3 - OVERALL ROUTING PLAN	*	*	*	*
TT-810-101	ICT - BUILDING 10 - OVERALL ROUTING PLAN	*	*	*	*
TT-811-101	ICT - BUILDING 11 - OVERALL ROUTING PLAN	*	*	*	*
TT-812-101	ICT - BUILDING 12 - OVERALL ROUTING PLAN	*	*	*	*
TT-813-101	ICT - BUILDING 13 - OVERALL ROUTING PLAN	*	*	*	*
TT-830-101	ICT - BUILDING 30 - OVERALL ROUTING PLAN	*	*	*	*
TT-840-101	ICT - BUILDING 40 - OVERALL ROUTING PLAN	*	*	*	*
TT-840-102	ICT - BUILDING 40 - OVERALL ROUTING PLAN	*	*	*	*
TT-851-101	ICT - BUILDING 51 - OVERALL ROUTING PLAN	*	*	*	*
TT-852-101	ICT - BUILDING 52 - OVERALL ROUTING PLAN	*	*	*	*
TT-856-101	ICT - BUILDING 56 - OVERALL ROUTING PLAN	*	*	*	*
TT-500	ICT - DETAILS	*	*	*	*
TT-501	ICT - DETAILS	*	*	*	*
TT-502	ICT - DETAILS	*	*	*	*
TT-503	ICT - DETAILS	*	*	*	*
TT-504	ICT - DETAILS	*	*	*	*
TT-505	ICT - DETAILS	*	*	*	*
TT-600	ICT - SCHEMATIC	*	*	*	*
TT-601	ICT - EXISTING SITE PLAN	*	*	*	*
TT-602	ICT - RISER - BACKBONE CABLING RISER DIAGRAM (1 OF 2)	*	*	*	*
TT-603	ICT - RISER - BACKBONE CABLING RISER DIAGRAM (2 OF 2)	*	*	*	*

Project Number 437-21-210
Building Number
Drawing Number GI-002

FARGO VA HEALTHCARE SYSTEM CONSTRUCTION CRITERIA

ALL NOTES THIS SHEET SUPERSEDE ARCHITECT/ENGINEER OF RECORD NOTES AND DETAILS PROVIDED IN BOTH THE DRAWINGS AND THE SPECIFICATIONS.

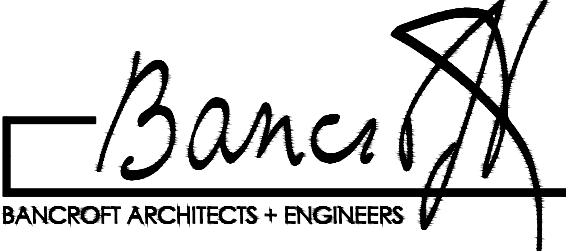
GENERAL CONSTRUCTION NOTES


1. VA WILL BE NOTIFIED OF ANY ACTIVITIES THAT ARE KNOWN TO OR COULD POTENTIALLY MEET ANY OF THE FOLLOWING CRITERIA:
- 1.1. COMPROMISE LIFE SAFETY
 - 1.2. CAUSE FUMES OR NOXIOUS ODORS
 - 1.3. GENERATE LARGE QUANTITIES OF DUST
 - 1.4. INTERFERE WITH THE OPERATION OF THE FIXED FIRE DETECTION OR SUPPRESSION SYSTEMS
2. CONTRACTOR WILL AT ALL TIMES ENSURE ALL MEANS OF EGRESS MEET THE FOLLOWING REQUIREMENTS
- 2.1. FIRE/SMOKE DOORS ARE UNLOCKED AND FREE OF OBSTRUCTIONS
 - 2.2. SUFFICIENT MEANS OF EGRESS AND IS FREE OF OBSTRUCTIONS
 - 2.3. ALL EGRESS ROUTES PROPERLY MARKED
 - 2.4. TRASH AND DEBRIS IS REMOVED WITHIN A REASONABLE TIMEFRAME. DEBRIS IS COVERED AND DAMPENED PRIOR TO BEING TRANSPORTED THROUGH THE FACILITY.
 - 2.5. TOOLS AND MATERIALS WILL BE STORED NEATLY AND IN AN ORDERLY MANNER.
3. THE CONTRACTOR WILL ENSURE THE FIRE ALARM, FIRE DETECTION, AND FIRE SUPPRESSION SYSTEMS COMPLY WITH THE FOLLOWING CONDITIONS:
- 3.1. FIRE ALARM PULL STATIONS ARE UNOBSTRUCTED
 - 3.2. MEASURES USED TO PROTECT FIRE ALARM, FIRE DETECTION AND FIRE SUPPRESSION SYSTEMS ARE REMOVED WHEN CONTRACTOR IS NOT ACTIVELY WORKING
 - 3.3. HOT WORK PERMITS ARE UTILIZED AND ARE CURRENT ANY TIME AN ACTIVITY COULD CAUSE A FIRE.
 - 3.4. SPRINKLER HEADS WILL NEVER BE OBSTRUCTED
 - 3.5. INTERIM LIFE SAFETY MEASURES ARE IN PLACE AND ARE BEING EFFECTIVELY MANAGED
4. THE CONTRACTOR WILL MAINTAIN A CLEAN WORK SPACE IN ORDER TO PROVIDE A SAFE WORKING ENVIRONMENT AND MINIMIZE THE SPREAD OF DUST THROUGH THE FACILITY. WORKS SITES WILL BE INSPECTED DAILY TO ENSURE THEY MEET THE FOLLOWING REQUIREMENTS:
- 4.1. FLOOR MATS AND DUST TACK MATS ARE LOCATED AT ACCESS POINTS TO THE CONSTRUCTION AREA AND REPLACED WHEN NEEDED.
 - 4.2. SIGNS AND BARRIERS WILL BE UTILIZED TO RESTRICT UNAUTHORIZED ACCESS TO THE CONSTRUCTION AREAS. SIGNS AND BARRIERS WILL BE CLEANED PRIOR TO THEIR REMOVAL.
 - 4.3. DRY SWEEPING WILL NOT BE PERFORMED WITHOUT THE USE OF APPROVED SWEEPING COMPOUNDS.
 - 4.4. NEGATIVE PRESSURE IS USED AND MAINTAINED AS REQUIRED BY THE VA. THE CONTRACTOR IS EXPECTED TO ENSURE EXHAUST DUCTING IS NOT LOCATED NEAR ANY OTHER AIR INTAKE ASSEMBLY OR POSE A REASONABLE HAZARD TO INDIVIDUALS OUTSIDE.
 - 4.5. ALL HVAC DUCTING WILL BE COVERED DURING ACTIVITIES THAT COULD POTENTIALLY GENERATE DUST OR NOXIOUS FUMES UNLESS THE DUCTING IS BEING USED TO GENERATE NEGATIVE AIR AND WILL NOT AFFECT OTHER HVAC SYSTEMS.
5. HAZARDOUS MATERIALS WILL BE STORED IN ACCORDANCE WITH OSHA AND THEIR MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR WILL PROVIDE SDS INFORMATION FOR ALL CHEMICALS ON SITE UPON REQUEST. SDS SHEETS MUST BE AVAILABLE IN THE EVENT OF A FIRE IN ORDER TO ALLOW THE FIRE DEPARTMENT ACCESS TO NECESSARY SAFETY INFORMATION.
6. OSHA DEFINED CONFINED SPACES WILL NOT BE ENTERED WITHOUT PRIOR APPROVAL BY THE VA.
7. CONTRACTORS ARE EXPECTED TO OBSERVE AND MAINTAIN A LOCKOUT AND TAGOUT POLICY. HAZARDOUS MATERIALS WHICH INCLUDE, BUT ARE NOT LIMITED TO, ASBESTOS ARE CLEARLY IDENTIFIED TO ALL INDIVIDUALS WORKING WITHIN THE CONSTRUCTION ZONE. HAZARDOUS MATERIALS WILL BE QUICKLY MITIGATED AND ELIMINATED AS SOON AS REASONABLY POSSIBLE. ASBESTOS IS KNOWN TO BE PRESENT IN ALL AREAS WITHIN THE CONSTRUCTION LIMITS. THE VA WILL BE PROVIDED A COPY OF ALL DISPOSAL PAPER WORK FOR RECORD KEEPING. CONTRACTOR WILL PROVIDE A COPY OF ALL TESTING REPORTS.
8. ALL CONSTRUCTION MATERIALS MUST BE NON-COMBUSTABLE OR CARRY A NFPA FIRE RATING. SPRAY FOAM IS NOT ACCEPTABLE UNLESS IT IS SPECIFICALLY APPROVED BY THE VA.
9. ALL NEW OR EXISTING PENETRATIONS WILL BE FIRE CAULKED WITHIN THE LIMITS OF THE WORK.
10. A MINIMUM OF 21 DAYS NOTIFICATION WILL BE PROVIDED PRIOR TO THE SHUT DOWN OF ANY UTILITY.
11. RECORDS OF EXISTING CONDITIONS MAY BE AVAILABLE, BUT THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE CONDITIONS. ALL UTILITY LOCATES WILL BE BY THE CONTRACTOR.
12. CONTRACTOR PARKING IS LOCATED ON THE NORTH EAST SIDE OF CAMPUS AND SHARED WITH OTHER CONTRACTORS. CONTRACTORS ARE EXPECTED TO LOCK OR SECURE THEIR EQUIPMENT AND CONSTRUCTION MATERIALS. PARKING OUTSIDE THE DESIGNATED PARKING AREA MUST BE COORDINATED WITH POLICE SERVICES OR THE CONTRACTORS VEHICLE MAY BE TOWED AT THE CONTRACTORS EXPENSE. ALL WORKERS SHALL BE INFORMED THIS IS A FEDERAL FACILITY AND WEAPONS OF ANY KIND OF EXPLOSIVES ARE NOT ALLOWED. EACH WORKER AND/OR THEIR VEHICLE IS SUBJECT TO BEING SEARCHED. SECURITY CAMERAS ARE IN USE ON THE FACILITY AND IT IS REASONABLE THAT A CONTRACTOR MAY INCIDENTALLY BE RECORDED WHILE WORKING IN THE FACILITY.

13. THE PRIME CONTRACTOR WILL PROVIDE A JOB SITE FOREMAN WHO IS OSHA 30 HOUR SAFETY QUALIFIED AND WHO MUST BE CAPABLE OF MAKING DECISIONS FOR THE PRIME CONTRACTOR. FAILURE OF THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE JOB SITE AT ALL TIMES WILL RESULT IN HAVING THE JOB SITE SHUT DOWN. ALL CONTRACTORS WILL BE A MINIMUM OF OSHA 10 HOUR SAFETY QUALIFIED. CONTRACTOR WILL PROVIDE A COMPETENT PERSON FOR ALL CONSTRUCTION ACTIVITY. PROFESSIONAL CERTIFICATIONS MUST BE CURRENT AND DOCUMENTATION MAY BE REQUESTED BY THE VA AT ANY TIME. ATTIRE AND DEMEANOR OF ALL CONTRACT EMPLOYEES MUST BE DECENT AND RESPECTFUL AND FAILURE TO BE RESPECTFUL COULD RESULT IN THE REMOVAL OF THE INDIVIDUAL FROM THE WORK SITE.
14. VHA DIRECTIVE 1192, SEASONAL INFLUENZA PREVENTION MEMORANDUM APPLIES TO ANY INDIVIDUAL WORKING AT THE VA AND DOES INCLUDE CONTRACTORS. THE DIRECTIVE DICTATES THAT ALL PERSONNEL WORKING AT THE VA WILL HAVE A CURRENT INFLUENZA VACCINE OR ACCEPTABLE WAIVER. PROOF OF VACCINATION OR AN ACCEPTABLE WAIVER MUST BE PROVIDED UPON REQUEST BY THE VA. ADDITIONAL HEALTH PROTECTION MEASURES MAY BE IMPLEMENTED BEFORE OR DURING CONSTRUCTION IN RESPONSE TO THE COVID PANDEMIC AND THE CONTRACTOR IS EXPECTED TO MAKE EVERY REASONABLE ACCOMMODATION TO THESE POLICIES.
15. THE FARGO VA IS A NON-SMOKING FACILITY.
16. ALL CHANGES IN CONTRACT WORK AND EXTENSIONS OF TIME MUST BE AUTHORIZED BY THE CONTRACTING OFFICER PRIOR TO BEGINNING THE CHANGE. CHANGES TO THE CONTRACT THAT ARE PERFORMED WITHOUT AUTHORIZATION BY THE CONTRACTING OFFICER ARE PERFORMED AT THE RISK OF THE CONTRACTOR.
17. WORK IS EXPECTED TO BE DONE IN PHASES TO ENSURE THAT VA PRIORITIES ARE ADDRESSED FIRST. PHASED CONSTRUCTION IS ALSO REQUIRED TO ENSURE THAT FUNCTIONAL AREAS OF THE HOSPITAL REMAIN OPERATIONAL AT ALL TIMES.
18. THE CONTRACTOR IS EXPECTED TO WORK AFTER NORMAL BUSINESS HOURS TO ENSURE THE CONSTRUCTION IS COMPLETED ON THE CONSTRUCTION COMPLETION DATE ESTABLISHED AT THE AWARD OF THE CONTRACT. ACTIVITIES THAT DISRUPT NORMAL HOSPITAL FUNCTIONS WHICH INCLUDE BUT ARE NOT LIMITED TO FLOOR REMOVAL, ASBESTOS ABATEMENT, AND UTILITY SHUT DOWNS MAY BE REQUIRED TO BE DONE DURING EVENINGS, OR WEEKENDS IN ORDER TO REDUCE DISRUPTION.
19. CONTRACTOR SHALL REQUEST AN ABOVE CEILING PERMIT WITH THE VA ENGINEERING DEPARTMENT ANY TIME ANY WORK IS CONDUCTED THAT ADDS, MODIFIES OR ALTERS ANY UTILITIES OR WALL ASSEMBLIES. WORK PERMITS MAY BE SIGNED OUT FOR WHATEVER DURATION THE WORK REQUIRES.
20. CONTRACTOR SHALL REQUEST A HOT WORK PERMIT ANY TIME ANY CONSTRUCTION ACTIVITY IS CONDUCTED WHICH SHOULD RESULT IN THE GENERATION HOT SURFACES, SPARKS, OPEN FLAMES OR OTHER SOURCES OF COMBUSTION WITHIN 35FT OF A COMBUSTIBLE MATERIAL AND IN ACCORDANCE WITH OSHA GUIDELINES.
21. CONTRACTOR SHALL REQUEST A CONFINED SPACE ENTRY PERMIT ANY TIME A WORKER ENTERS A SPACE WHERE EGRESS IS RESTRICTED AND WHERE OXYGEN CAN BE QUICKLY DISPLACED. QUESTIONS CAN BE DIRECTED TO THE VA INDUSTRIAL HYGIENIST WHO MAINTAINS A COMPREHENSIVE LIST OF PERMITTED CONFINED SPACES. CONTRACTOR MUST PROVIDE A CERTIFICATE OF TRAINING FOR CONFINED SPACE ENTRY PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR ALL EXPENSES RELATED, PROVIDING THE APPROPRIATE PPE FOR CONFINED SPACE ENTRY.
22. CONTRACTOR SHALL COORDINATE AN INSPECTION WITH THE VA ANYTIME WORK IS PERFORMED BEHIND A WALL BUT BEFORE IT IS COVERED OR OTHERWISE VISIBLY OBSTRUCTED.
23. CONTRACTOR SHALL COORDINATE AN INSPECTION OF WORK PERFORMED ABOVE THE CEILING PRIOR TO COVERING IT UP OR OTHERWISE VISIBLY OBSTRUCTING THE WORK.

ISSUE FOR BID	01-16-24
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

3300 Dundee RD. Northbrook, IL 60062 T: 847.952.9362 www.bancroft-ae.com Bancroft Project No: 22-113

STAMP


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

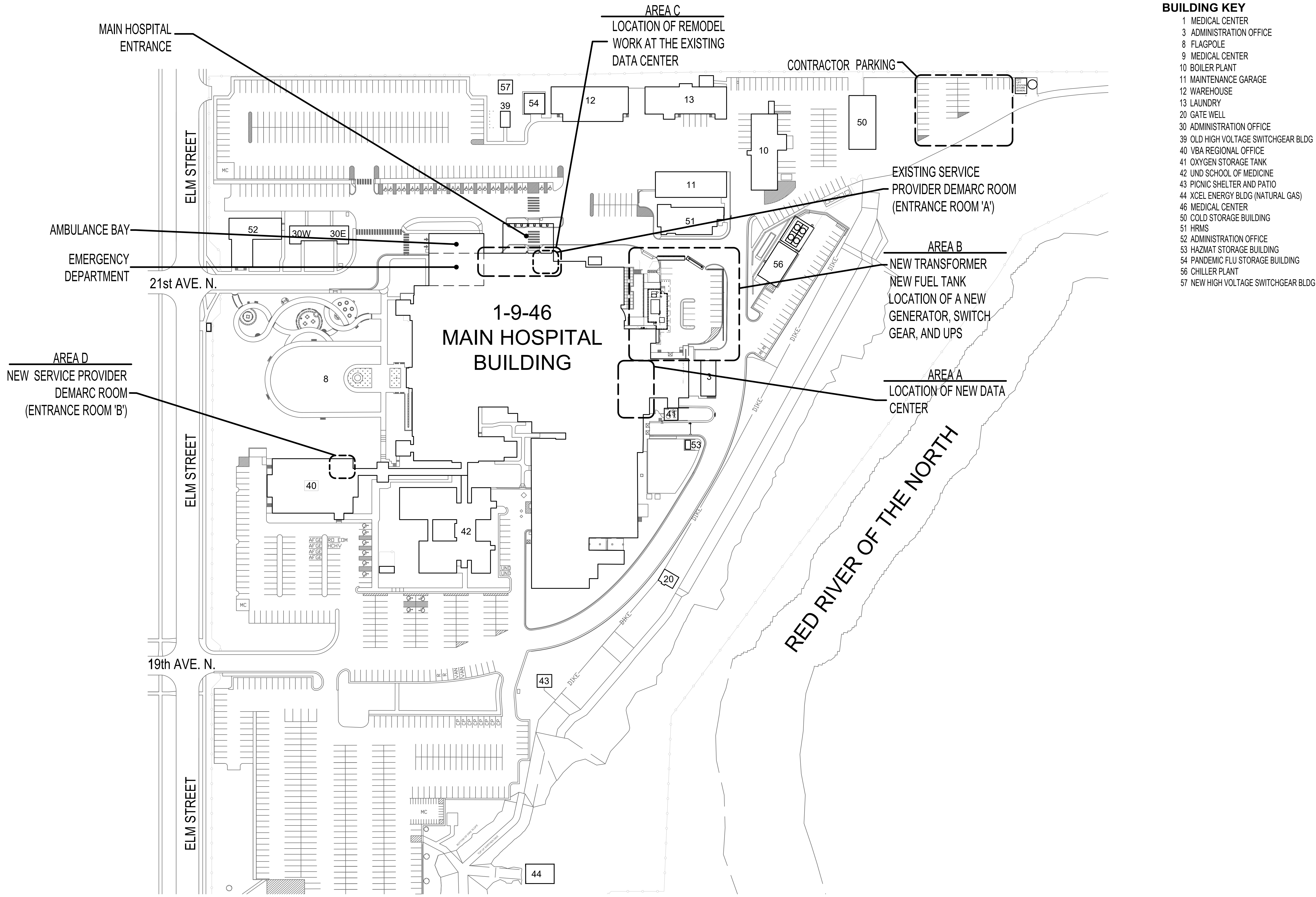
Drawing Title
GENERAL - FARGO VAHCS CONSTRUCTION CRITERIA
Approved: Project Director

Phase
ISSUE FOR BID
BUILDING FULLY SPRINKLERED

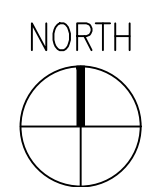
Project Title
EHRM INFRASTRUCTURE UPGRADES - TIER 2
Location
FARGO VA HEALTH CARE SYSTEM
Issue Date
01/16/2024
Checked
DA
Drawn
JM

Project Number
437-21-210
Building Number
Drawing Number
GI-003

ISSUE FOR BID - 01/16/2024



- BUILDING KEY**
- 1 MEDICAL CENTER
 - 3 ADMINISTRATION OFFICE
 - 8 FLAGPOLE
 - 9 MEDICAL CENTER
 - 10 BOILER PLANT
 - 11 MAINTENANCE GARAGE
 - 12 WAREHOUSE
 - 13 LAUNDRY
 - 20 GATE WELL
 - 30 ADMINISTRATION OFFICE
 - 39 OLD HIGH VOLTAGE SWITCHGEAR BLDG
 - 40 VBA REGIONAL OFFICE
 - 41 OXYGEN STORAGE TANK
 - 42 UND SCHOOL OF MEDICINE
 - 43 PICNIC SHELTER AND PATIO
 - 44 XCEL ENERGY BLDG (NATURAL GAS)
 - 46 MEDICAL CENTER
 - 50 COLD STORAGE BUILDING
 - 51 HRMS
 - 52 ADMINISTRATION OFFICE
 - 53 HAZMAT STORAGE BUILDING
 - 54 PANDEMIC FLU STORAGE BUILDING
 - 56 CHILLER PLANT
 - 57 NEW HIGH VOLTAGE SWITCHGEAR BLDG




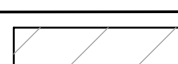




1 GENERAL - SITE ORIENTATION AND STAGING PLAN
1/64"=1'-0"

0 16' 32' 64' 128'

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

GI-005

K:\CGG_PROJECTS\2022\22-113_437-21-210_Fargo_VA_HCA_Tier 2 (VSN 23 101605_DocSet\402_Drawings\WORKING\CGG-006.dwg 1/16/2024 10:11:26 AM







SYMBOLS LIST			
	WALL MOUNTED FIRE EXTINGUISHER		AREA NOT IN CONTRACT
	EXISTING EXIT SIGN		
	NEW EXIT SIGN		EGRESS PATH AND DISTANCE
	FIRE EXTINGUISHER CABINET (FEC)		

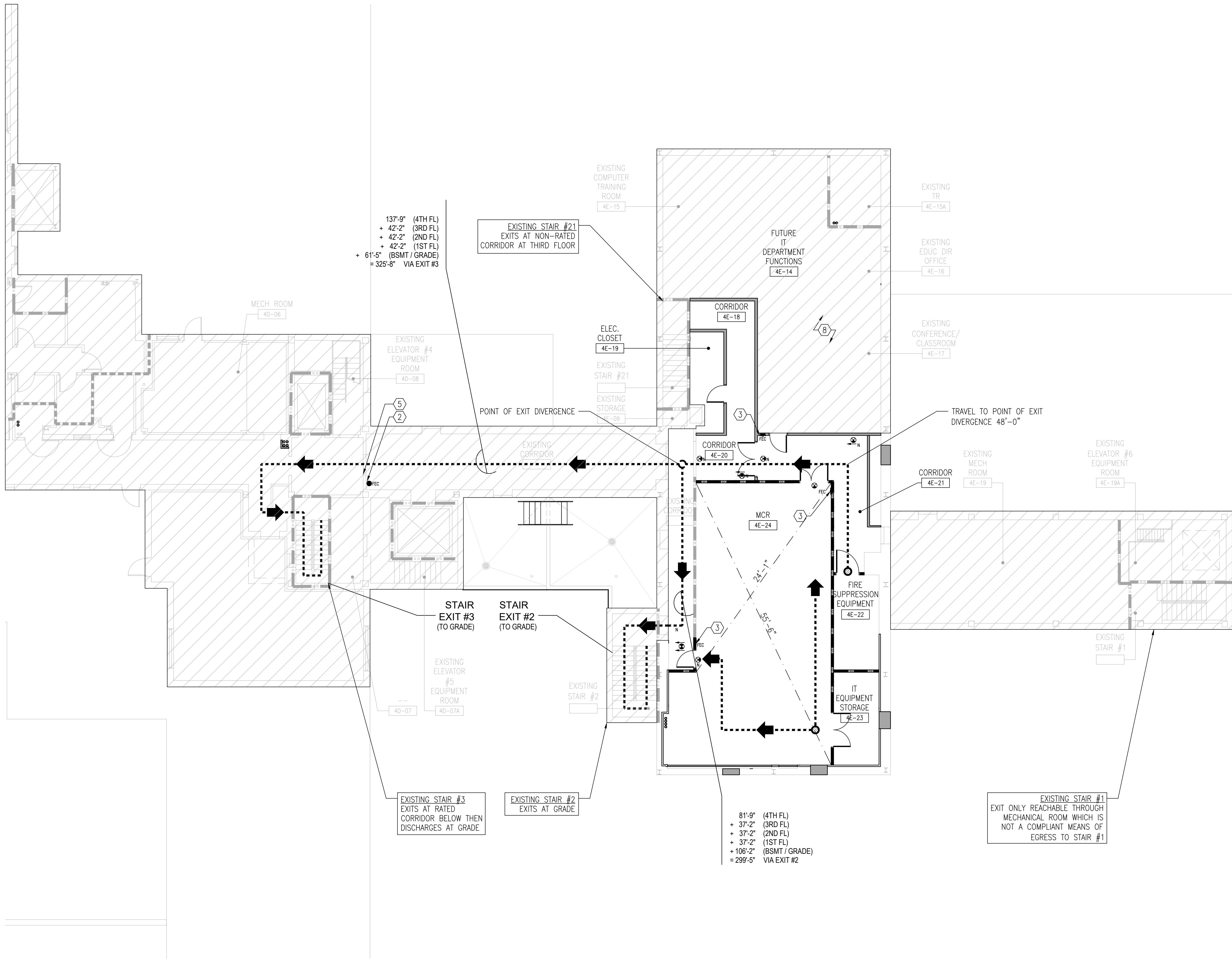
EXIT REQUIREMENTS	
FOURTH FLOOR PROJECT AREA (DATA CENTER)	
AREA:	2,153 SF
OCC. LOAD FACTOR: SEE GI-005	OCCUPANCY: STORAGE
EXITS REQ'D.: 2	OCCUPANCY LOAD: 2 MAX
	EXITS PROVIDED: 2

TRAVEL DISTANCE LIMIT
DEAD END CORRIDORS MAX 50' ALLOWABLE
COMMON PATH TRAVEL DISTANCE MAX 100' ALLOWABLE
EXIT TRAVEL DISTANCE MAX 300' ALLOWABLE

LIFE SAFETY PLAN KEY NOTES
1. EXISTING FIRE EXTINGUISHER IN CABINET.
2. EXISTING WALL MOUNTED FIRE EXTINGUISHER.
3. NEW ABC TYPE FIRE EXTINGUISHER IN A CABINET.
4. NEW WALL BRACKET MOUNT ABC TYPE FIRE EXTINGUISHER.
5. EXISTING 1.5 HR RATED DOOR.
6. EXISTING 1 HR RATED DOOR.
7. EXISTING 3 HR RATED DOOR.
8. THE EXISTING LIBRARY ROOMS NORTH OF THE AREA OR WORK WILL BE VACATED DURING CONSTRUCTION AND DEMOLITION.

NOTE: REFER TO SHEET GI-005 FOR CODE AND BUILDING INFORMATION.
--

RATED PARTITION LEGEND	
CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.	
 1 HR FIRE BARRIER	 1 HR FIRE BARRIER (EXISTING)
 2 HR FIRE BARRIER	 2 HR FIRE BARRIER (EXISTING)
 SMOKE BARRIER	 SMOKE BARRIER (EXISTING)



1 GENERAL - BUILDING 1 - FOURTH FLOOR DATA CENTER - LIFE SAFETY PLAN

1/8"=1'-0"

0 2' 4' 6' 8' 10'

		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title GENERAL - FOURTH FLOOR DATA CENTER - LIFE SAFETY PLAN	Phase ISSUE FOR BID	Project Title EHRM INFRASTRUCTURE UPGRADES - TIER 2	Project Number 437-21-210
						Approved: Project Director		Location FARGO VA HEALTH CARE SYSTEM	Building Number 1
		ISSUE FOR BID Revisions:	01-16-24 Date:					Issue Date 01/16/2024	Checked DA
								Drawn JM	Drawing Number GI-006

ISSUE FOR BID - 01/16/2024

19/2024 10:11:31 AM
K:\CGG_PROJECTS\202222-113_437-21-210_Fargo_VA_HRM_Tier 2 (VSN 23 101400_DocDoc402_Drawings\WORKING\CGG-007.dwg
F



1 GENERAL - BUILDING 46 - IT DEPARTMENT - LIFE SAFETY PLAN
1/8"=1'-0"

0 2' 4' 6' 8' 10'

(X) LIFE SAFETY PLAN KEY NOTES

1. EXISTING FIRE EXTINGUISHER IN CABINET
2. EXISTING WALL MOUNTED FIRE EXTINGUISHER.
3. NOT USED.
4. NOT USED.
5. EXISTING 1.5 HR RATED DOOR.
6. EXISTING 1 HR RATED DOOR.
7. EXISTING 3 HR RATED DOOR.

NOTE: REFER TO SHEET GI-005 FOR CODE AND BUILDING INFORMATION.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1 HR FIRE BARRIER	1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER	2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER	SMOKE BARRIER (EXISTING)

SYMBOLS LIST

WALL MOUNTED FIRE EXTINGUISHER	AREA NOT IN CONTRACT
EXIT SIGN	EGRESS PATH AND DISTANCE
FIRE EXTINGUISHER CABINET (FEC)	

EXIT REQUIREMENTS

BASEMENT LEVEL BC-50A (STORAGE)

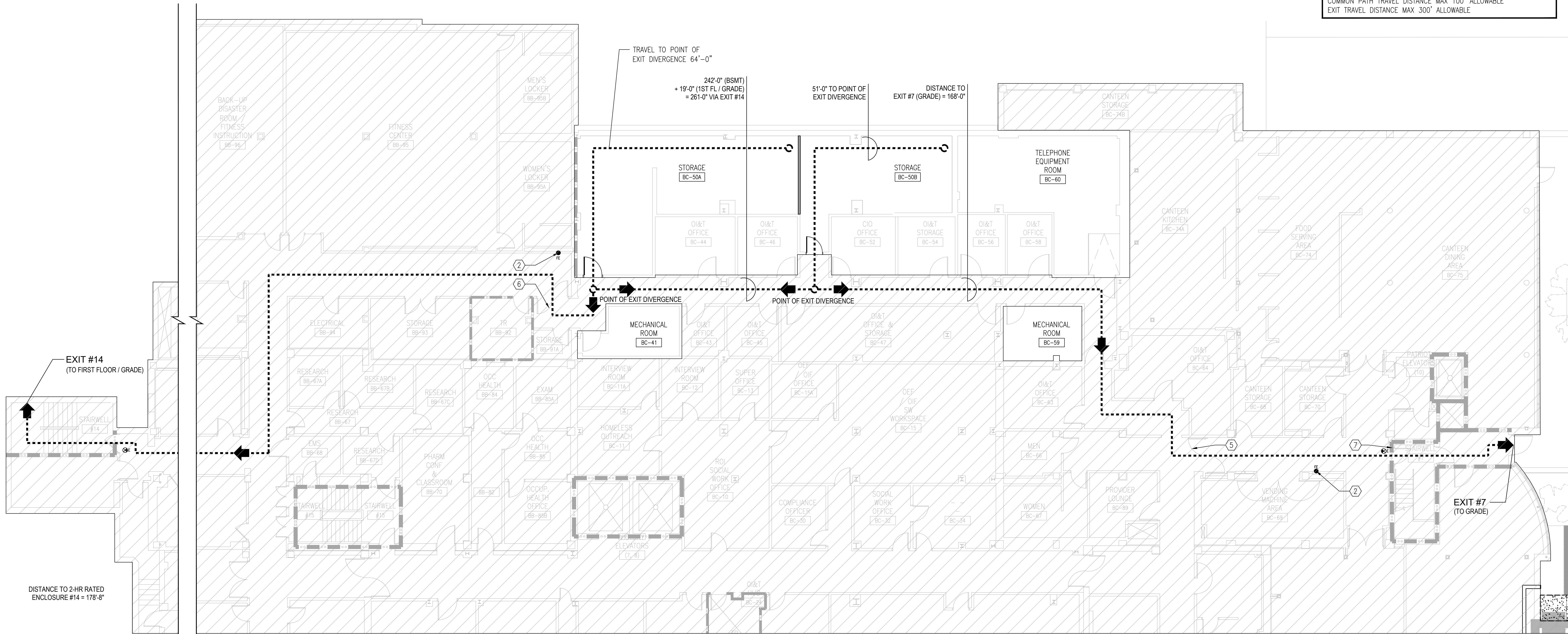
AREA: 804 SF	OCCUPANCY: STORAGE
OCC. LOAD FACTOR: SEE GI-005	OCCUPANCY LOAD: 2 MAX
EXITS REQ'D.: 1	EXITS PROVIDED: 1

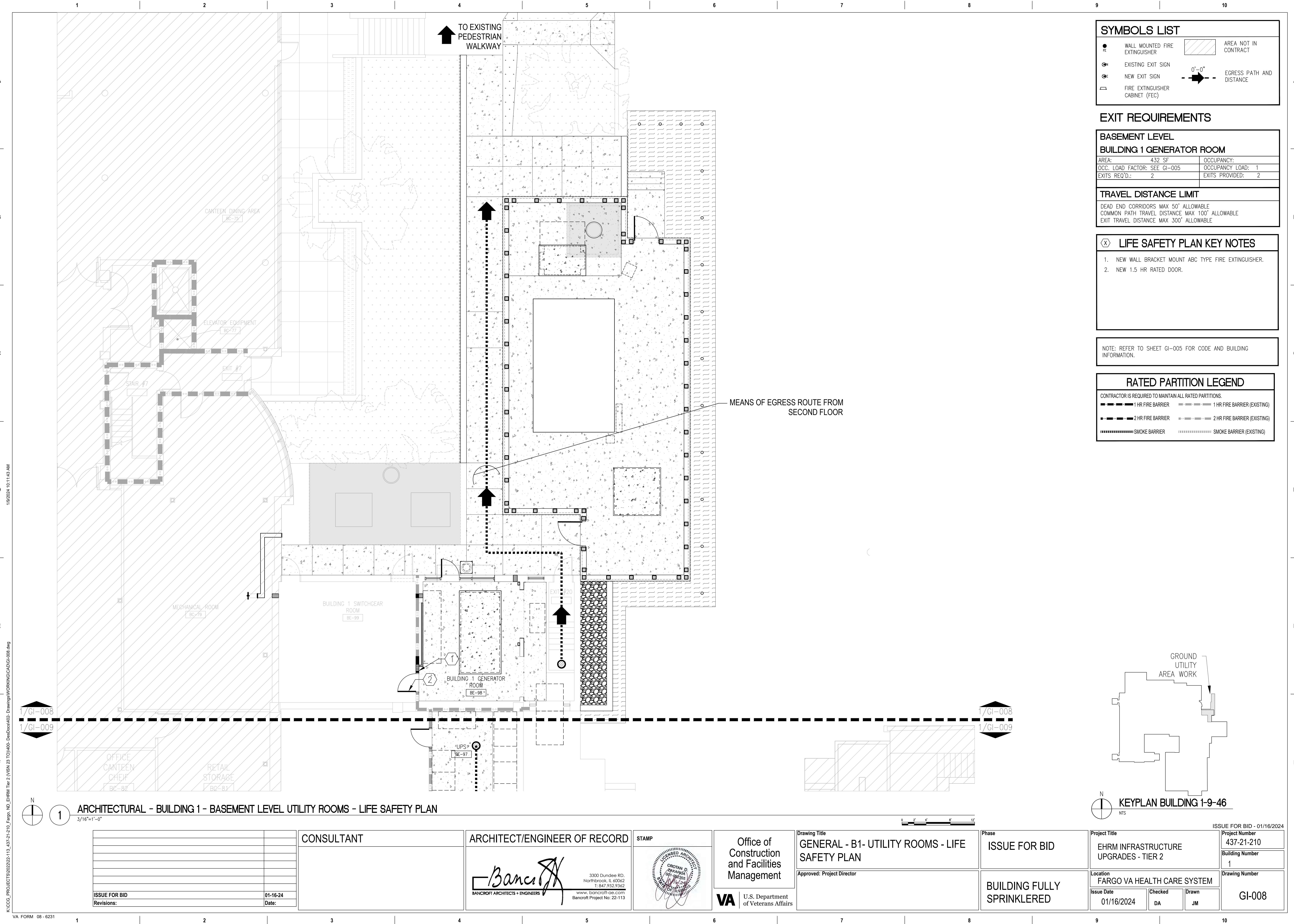
BASEMENT LEVEL BC-50B (STORAGE)

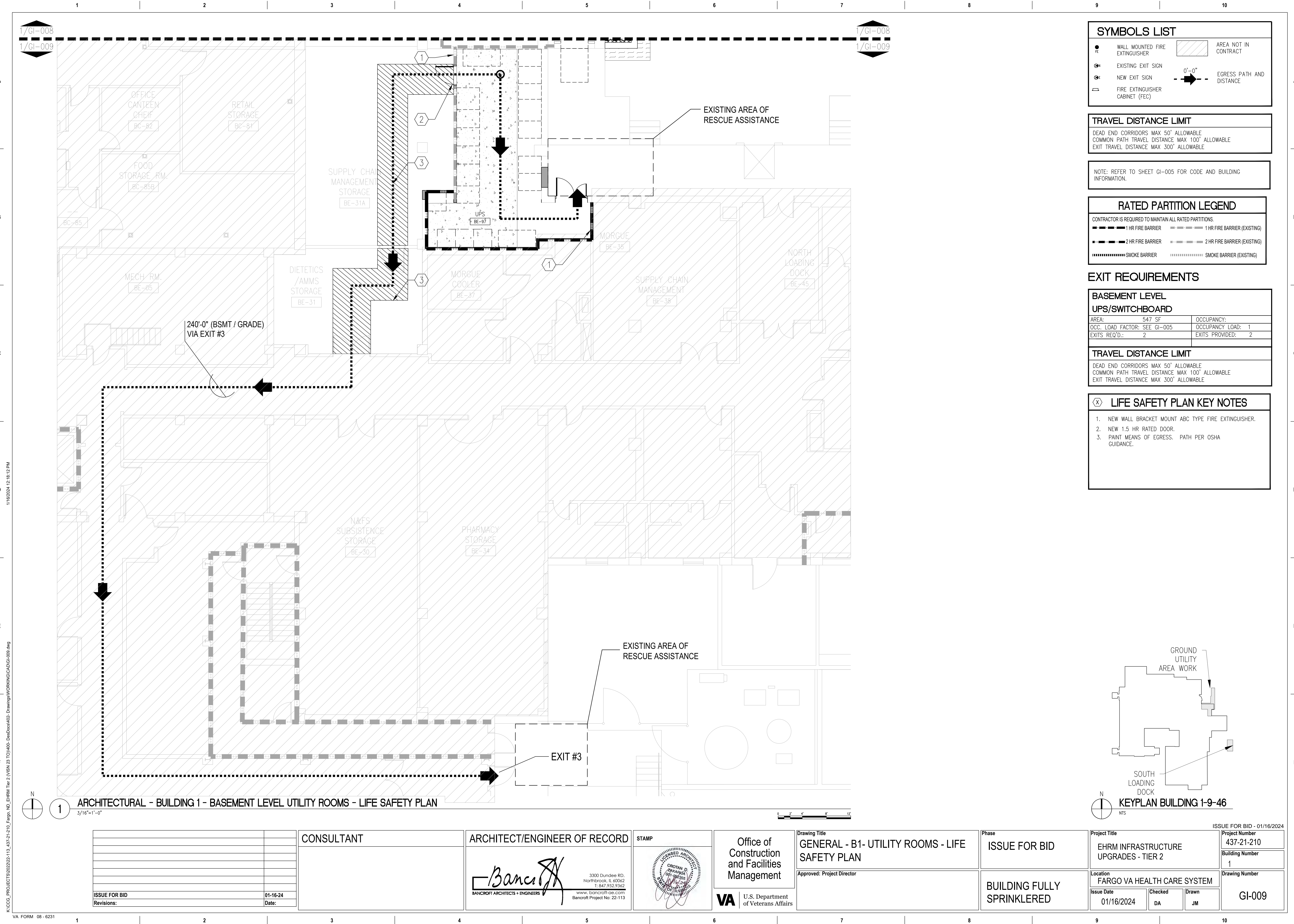
AREA: 476 SF	OCCUPANCY: STORAGE
OCC. LOAD FACTOR: SEE GI-005	OCCUPANCY LOAD: 2 MAX
EXITS REQ'D.: 1	EXITS PROVIDED: 1

TRAVEL DISTANCE LIMIT

DEAD END CORRIDORS MAX 50' ALLOWABLE
COMMON PATH TRAVEL DISTANCE MAX 100' ALLOWABLE
EXIT TRAVEL DISTANCE MAX 300' ALLOWABLE







BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS

A

2. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK ASSOCIATED WITH AND IMPACTED BY ANY EQUIVALENT SUBSTITUTION ALONG WITH THE COMPLETE COORDINATION AND MANAGEMENT OF THE WORK WITHOUT ADDITIONAL COST TO THE GOVERNMENT.

Project Number	437-21-210
Building Number	

A

B

C

D

E

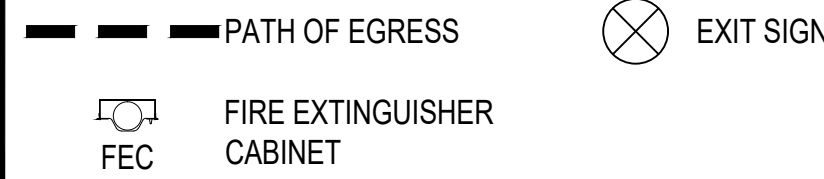
F

1/8/2024 10:37:43 AM

K:\CCG_PROJECTS\2022\22-113_437-21-210_Fargo_ND_EHRM Tier 2 (VBSN 23 101)600_Doc\Doc402_Drawings\WORKING\CG-0113.dwg

LIFE SAFETY PLAN LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS. REFER TO RATED PARTITION NOTES BELOW.



RATED PARTITION NOTES

SMOKE ZONE BARRIERS

REQUIRED TO BE OF 1 HOUR FIRE RESISTANCE RATING. (NFPA 101, 18.3.2.7.5)

WALL: WALL EXTENDS FROM FLOOR TO DECK ABOVE.

DUCTS: ALL DUCT PENETRATIONS ARE PROTECTED BY SMOKE DAMPERS. SMOKE DAMPERS ARE NOT REQUIRED WHERE ADJACENT SMOKE COMPARTMENTS ARE PROTECTED BY QUICK RESPONSE SPRINKLERS THROUGHOUT EACH COMPARTMENT.

PENETRATIONS: ALL PENETRATIONS ARE TO BE SEALED WITH LISTED FIRESTOP MATERIALS FOR PROTECTING 1-HOUR FIRE AND SMOKE WALL ASSEMBLIES. PENETRATIONS ARE TO BE FILLED ON BOTH SIDES OF THE WALL.

DOORS: ALL DOORS FOR SMOKE BARRIERS REQUIRE THE FOLLOWING:

1. LABELED FRAME
2. 20 MINUTE OR SOLID WOOD CORE (NFPA 101 18.3.7.6)
3. MAXIMUM 1296 SQ. IN. WINDOW (NFPA 80 4.4.4)
4. POSITIVE LATCHING REQUIRED
5. SELF CLOSING OR AUTOMATIC CLOSING (NFPA 101 18.3.7.8)
6. MAXIMUM 1/8" GAP (NFPA 101 18.3.7.6)
7. MAXIMUM 1" UNDERCUT (NFPA 101 19.3.6.3.4)
8. MAXIMUM 48" PROTECTIVE PLATE (NFPA 101 18.3.7.6)
9. SWING IN DIRECTION OPPOSITE OF EACH OTHER (NFPA 101 18.3.7.6)
10. SMOKE DOOR ASSEMBLIES SHALL BE TESTED AT LEAST ANNUALLY (NFPA 105 5.2.1.1)

1-HOUR FIRE BARRIER

THIS APPLIES TO 1-HOUR FIRE RATED OCCUPANCY SEPARATIONS, HAZARDOUS ROOM

ENCLOSURES AND STAIRWELLS 3 STORIES OR LESS.

WALL: WALL EXTENDS FROM FLOOR TO DECK ABOVE.

DUCTS: STEEL DUCT PENETRATIONS NOT REQUIRED TO BE PROTECTED BY FIRE DAMPERS.

PENETRATIONS: ALL PENETRATIONS ARE SEALED WITH LISTED FIRESTOP MATERIALS FOR PROTECTING 1-HOUR WALL ASSEMBLIES. PENETRATIONS ARE REQUIRED TO BE FILLED ON BOTH SIDES OF THE PENETRATION.

DOORS*: ALL DOORS REQUIRE THE FOLLOWING:

1. LABELED FRAMES (NFPA 80 4.2.1)
2. LABELED 3/4 OR 1-HOUR DOOR (NFPA 80 4.3.1)*
3. MAXIMUM 100 SQ. IN. WINDOW (NFPA 80 4.4.5)
4. POSITIVE LATCHING (NFPA 80 6.4.1.4)
5. SELF CLOSING OR AUTOMATIC CLOSING (NFPA 80 6.4.1)
6. COORDINATING DEVICES REQUIRED (NFPA 80 6.4.1.2.1)
7. MAXIMUM 3/8" GAP (NFPA 80 6.3.1.7.3)
8. MAXIMUM 3/4" UNDERCUT (NFPA 80 4.8.4.1)
9. MAXIMUM 16" PROTECTIVE PLATE (NFPA 80 6.4.5.1)
10. SWING IN PRIMARY DIRECTION OF TRAVEL (NFPA 101 18/19.2.2.2)
11. PERIODIC INSPECTION AND TESTING SHALL BE PERFORMED AT AT LEAST ANNUALLY (NFPA 80 5.2.4.1)

* 1-HOUR DOORS ARE REQUIRED IN STAIRWELLS THAT ARE 3 STORIES OR LESS.

2-HOUR FIRE BARRIER

THIS APPLIES TO OCCUPANCY SEPARATION WALLS, HORIZONTAL EXITS, AND STAIRWELLS OF 4 OR MORE STORIES.

WALL: WALL EXTENDS FROM FLOOR TO DECK ABOVE.

DUCTS: ALL DUCT PENETRATIONS ARE PROTECTED BY FIRE DAMPERS.

PENETRATIONS: ALL PENETRATIONS ARE SEALED WITH LISTED FIRESTOP MATERIALS FOR PROTECTING 2-HOUR WALL ASSEMBLIES. PENETRATIONS ARE REQUIRED TO BE FILLED ON BOTH SIDES OF THE PENETRATIONS.

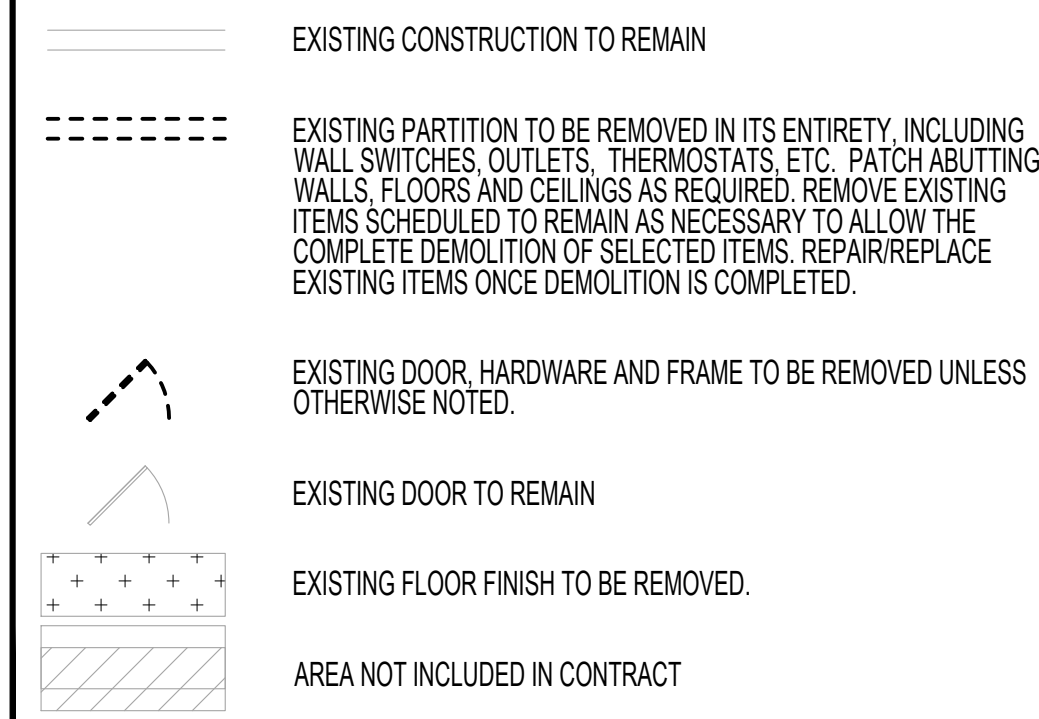
DOORS: ALL DOORS REQUIRE THE FOLLOWING:

1. LABELED FRAMES (NFPA 80 4.2.1)
2. LABELED 1 1/2 HOUR DOOR (NFPA 80 4.3.1)
3. MAXIMUM 100 SQ. IN. WINDOW (NFPA 80 4.4.5)
4. POSITIVE LATCHING (NFPA 80 6.4.1.4)
5. SELF CLOSING OR AUTOMATIC CLOSING (NFPA 80 6.4.1)
6. COORDINATING DEVICES REQUIRED (NFPA 80 6.4.1.2.1)
7. MAXIMUM 1/8" GAP (NFPA 80 6.3.1.7.3)
8. MAXIMUM 3/4" UNDERCUT (NFPA 80 4.8.4.1)
9. MAXIMUM 16" PROTECTIVE PLATE (NFPA 80 6.4.5.1)
10. SWING IN PRIMARY DIRECTION OF TRAVEL (NFPA 101 18/19.2.2.2)
11. PERIODIC INSPECTION AND TESTING SHALL BE PERFORMED AT AT LEAST ANNUALLY (NFPA 80 5.2.4.1)

GENERAL PLAN DEMOLITION NOTES

1. REVIEW THE DEMOLITION DRAWING IN CONJUNCTION WITH CORRESPONDING FIRE PROTECTION, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF DEMOLITION WORK.
2. REFER TO SHEETS G-012 FOR GENERAL DEMOLITION NOTES.
3. REFER TO REFLECTED CEILING DEMOLITION PLAN FOR DEMOLITION WORK AT CEILING.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL EXISTING WALLS, CEILINGS, FLOORS, ELECTRICAL, TELEPHONE AND PLUMBING CONSTRUCTION AS WELL AS ALL MATERIALS, FINISHES AND EQUIPMENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK INSIDE THE CONTRACT AREA, THE ADJACENT SPACES AND THE SPACES BELOW. SOME ADDITIONAL ITEMS THAT MAY NOT BE SPECIFICALLY SHOWN ON THE DEMOLITION PLAN THAT ARE A PART OF THE DEMOLITION WORK, BUT NOT LIMITED TO: ARE CASEWORK, SHELVING, DOOR HARDWARE, MISC. HARDWARE, SIGNAGE, FLOORING, WALL BASE, WOOD GROUNDS, WALL COVERING MATERIALS, REMAINING MASTIC AND SEALANTS, EXPOSED ANCHORS AND FASTENERS, FRAMING MATERIALS, CHAIR RAILS, BRACKETS, HOOKS, ETC.
5. VERIFY EXISTING CONDITIONS AND PROMPTLY REPORT ANY DRAWING DISCREPANCIES TO THE COR AND ARCHITECT.
6. ALL CONSTRUCTION TO REMAIN THAT IS AFFECTED BY DEMOLITION SHALL BE PATCHED, PLASTERED AND BE PROPERLY MEMBERED AND ALIGNED SO AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIR.
7. DURING THE COURSE OF REMOVAL OF EXISTING FINISHES FROM ITEMS INDICATED TO REMAIN (FLOORS, WALLS, ETC.), THE SUBSTRATE BECOMES DAMAGED BEYOND REPAIR, REPLACE DAMAGE SECTION TO THE POINT WHERE NEW FINISHES CAN BE APPLIED WITHOUT DETECTION OF DAMAGED AREAS.
8. WHERE WALLS HAVE BEEN REMOVED, FILL VOID IN FLOOR WITH CONCRETE FILL AS REQUIRED PRIOR TO PATCHING AND LEVELING FOR NEW FLOOR FINISHES.

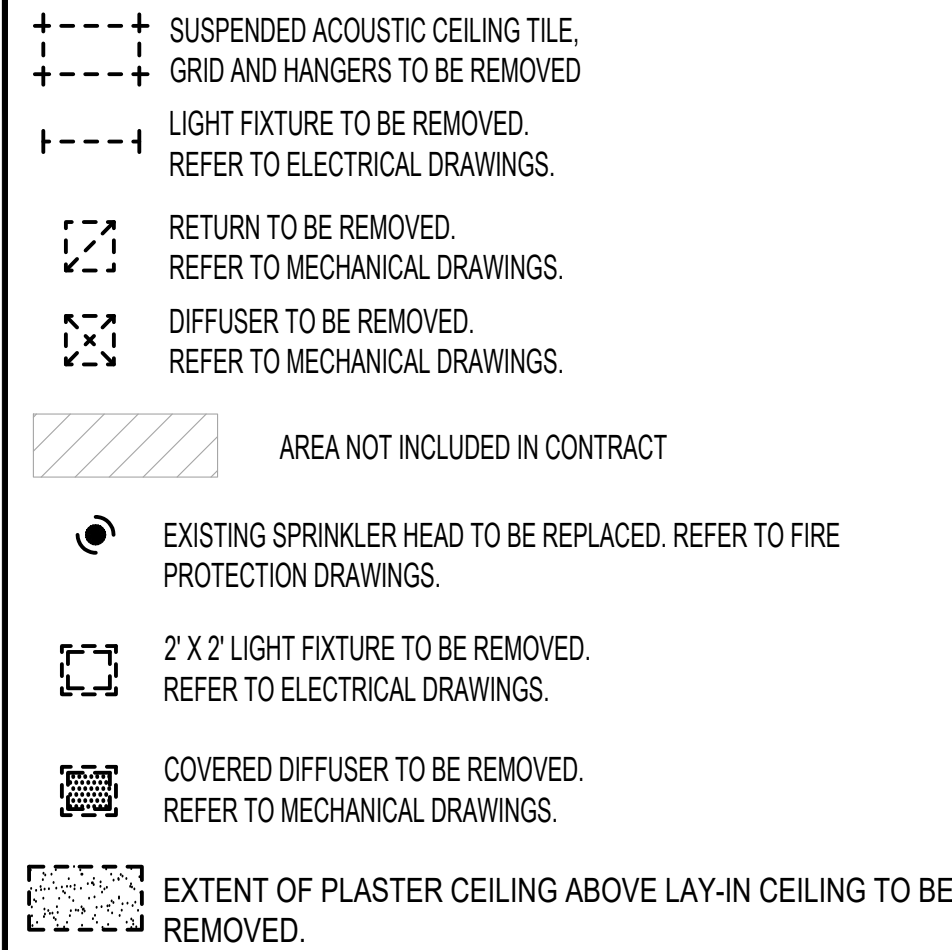
PLAN DEMOLITION LEGEND



GENERAL RCP DEMOLITION NOTES

1. REVIEW THE DEMOLITION DRAWING IN CONJUNCTION WITH CORRESPONDING FIRE PROTECTION, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF DEMOLITION WORK.
2. REFER TO SHEET G-012 FOR GENERAL DEMOLITION NOTES, FIRE AND SAFETY NOTES.
3. IN AREAS OF NEW WORK, REMOVE COMPLETELY ALL EXISTING CEILINGS, NEW CEILINGS SHALL NOT BE ATTACHED TO EXISTING CEILING SYSTEMS. REMOVE EXISTING SUSPENSION SYSTEM ENTIRELY, INCLUDING HANGERS, TO INSTALL NEW.
4. REMOVE ALL POWER WIRING, CONDUITS, JUNCTION BOXES AND SUPPORT SYSTEMS ASSOCIATED WITH REMOVED CEILING FIXTURES. REMOVE WIRING BACK TO RESPECTIVE POWER PANELS.
5. ALL EXISTING SPRINKLER HEADS WITHIN THE AREA(S) OF CEILING DEMOLITION SHALL BE REPLACED WITH NEW UPRIGHT SPRINKLER HEADS.

CEILING PLAN DEMOLITION LEGEND

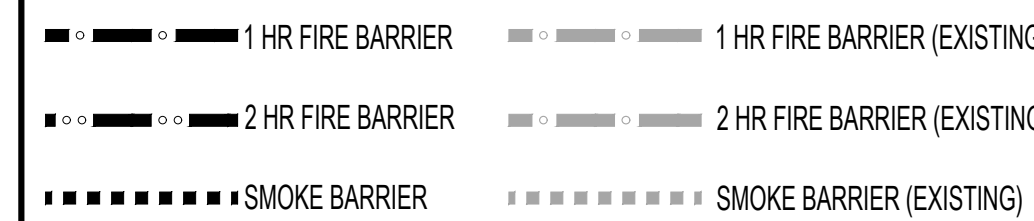


GENERAL FLOOR PLAN NOTES

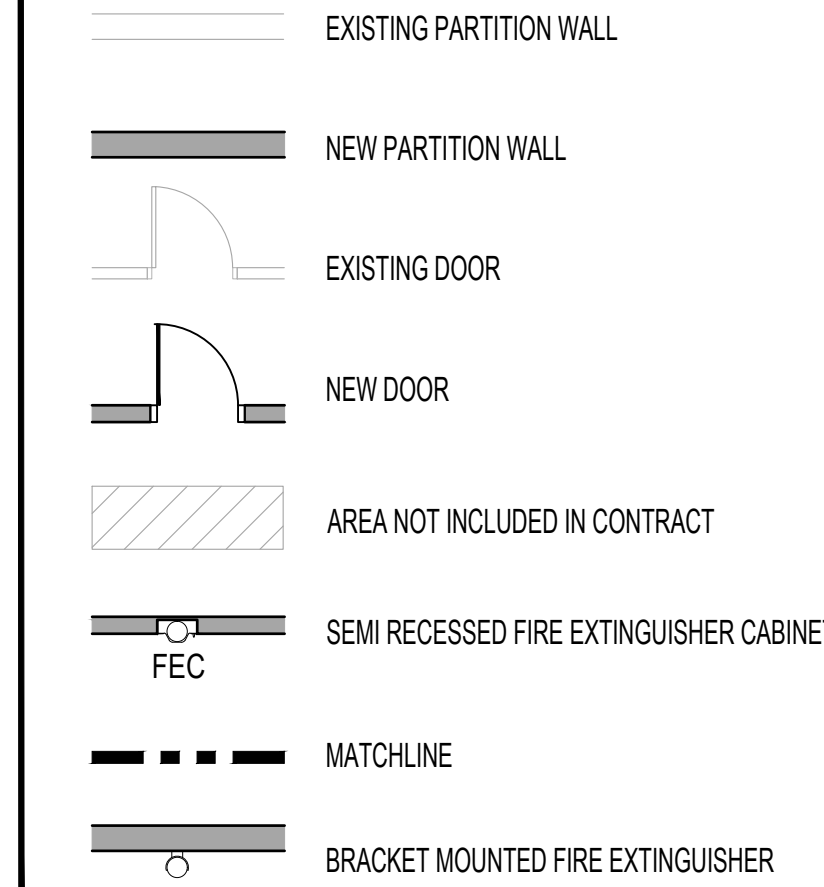
1. REVIEW THE FLOOR PLAN DRAWINGS IN CONJUNCTION WITH CORRESPONDING FIRE PROTECTION, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF WORK.
2. ALL DIMENSIONS ARE TO THE FINISH FACE OF PARTITIONS UNLESS OTHERWISE NOTED.
3. ALL NEW CONSTRUCTION WHICH ENGAGES EXISTING SHALL BE JOINED IN A CAREFUL MANNER BEING PROPERLY ALIGNED AND MEMBERED SO AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIR. PATCH TO MATCH ALL EXISTING WALLS, FLOORS, AND CEILINGS AFFECTED BY NEW CONSTRUCTION.
4. CONTRACTOR SHALL REPAIR AND PATCH ALL EXISTING WALL CONSTRUCTION WHERE CRACKS, DENTS, HOLES OR OTHER IMPERFECTIONS HAVE OCCURRED AND PREPARE SMOOTH SURFACE FOR NEW FINISH. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED TO A LIKE-NEW CONDITION AS NOTED PRIOR TO THE OWNERS ACCEPTANCE OF THE WORK.
5. PROVIDE SILICONE SEALANT JOINTS AT JUNCTION OF ALL PLUMBING FIXTURES & COUNTERTOPS TO A WALL SURFACE.
6. DO NOT SCALE DRAWINGS. USE THE GIVEN DIMENSIONS. COORDINATE ALL SHOP DRAWING REQUIREMENTS.
7. LEVEL ENTIRE FLOOR WITH CEMENT UNDERLAYMENT IN AREAS TO RECEIVE FLOORING.
8. EXISTING ROOMS WITH SUSPENDED CEILINGS AND PENDENT SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CEILINGS ARE REMOVED. PENDENT SPRINKLERS SHALL BE CHANGED TO UPRIGHT SPRINKLERS PRIOR TO WHEN CEILING TILES ARE REMOVED.
9. INSTALL ALL DOORS WITH MINIMUM 18 INCHES CLEAR FROM INSIDE FACE OF LATCH SIDE OF JAMB TO FINISH FACE OF WALL ON FULL SIDE OF DOOR.
10. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING DEMOLITION AND CONSTRUCTION PHASES OF THE WORK. ALL FINISHED AREAS ADJACENT TO AND INCLUDED IN THE AREAS OF CONSTRUCTION SHALL BE PROTECTED FROM DUST AND DIRT THROUGH THE USE OF COR APPROVED DUSTPROOF PROTECTION.
11. EACH CONTRACTOR SHALL KEEP ACCURATE RECORDS OF ALL CONCEALED WORK THAT DIFFERS FROM THE CONTRACT DRAWINGS SO THAT ACCURATE RECORD DRAWINGS AS BUILTS CAN BE KEPT BY THE GENERAL CONTRACTOR AND PROVIDED TO THE A/E FOR DISTRIBUTION TO THE VA AT THE COMPLETION OF THE PROJECT.
12. FIRE RATINGS AT WALL AND FLOOR PENETRATIONS WILL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS. CONTRACTOR SHALL PROVIDE TEMPORARY MINERAL WOOL FIRESTOPPING IN THE OPEN PENETRATIONS DURING CONSTRUCTION TO PROVIDE FIRE AND SMOKE PROTECTION UNTIL PERMANENT FIRESTOPPING IS INSTALLED.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.



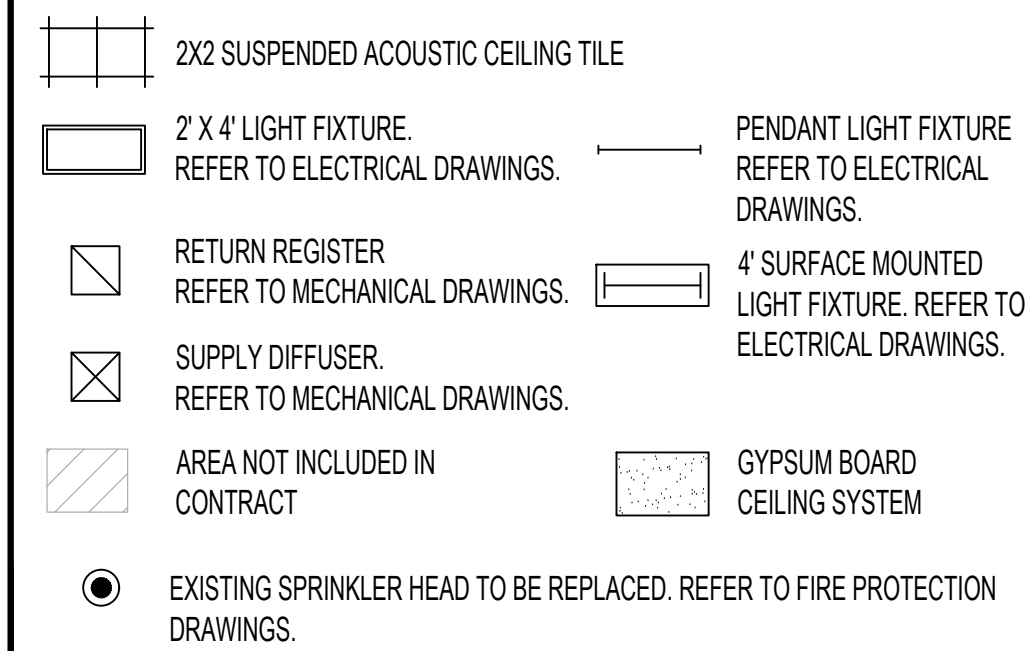
FLOOR PLAN LEGEND



GENERAL RCP NOTES

1. REVIEW THE REFLECTED CEILING PLAN DRAWINGS IN CONJUNCTION WITH CORRESPONDING FIRE PROTECTION, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF WORK.
2. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING ACCESS POINTS WHICH MAY BE REQUIRED AT AREAS FOR MECHANICAL AND ELECTRICAL SERVICE WORK.

REFLECTED CEILING PLAN LEGEND



CONSULTANT

ARCHITECT/ENGINEER OF RECORD

STAMP

Office of
Construction
and Facilities
Management



U.S. Department
of Veterans Affairs

Drawing Title

GENERAL - GENERAL NOTES &
SYMBOLS

Approved: Project Director

Phase

ISSUE FOR BID

BUILDING FULLY
SPRINKLERED

Project Title

EHRM INFRASTRUCTURE
UPGRADES - TIER 2

Location

FARGO VA HEALTH CARE SYSTEM

Issue Date

01/16/2024

Checked

DA

Drawn

JM

ISSUE FOR BID - 01/16/2024

Project Number

437-21-210

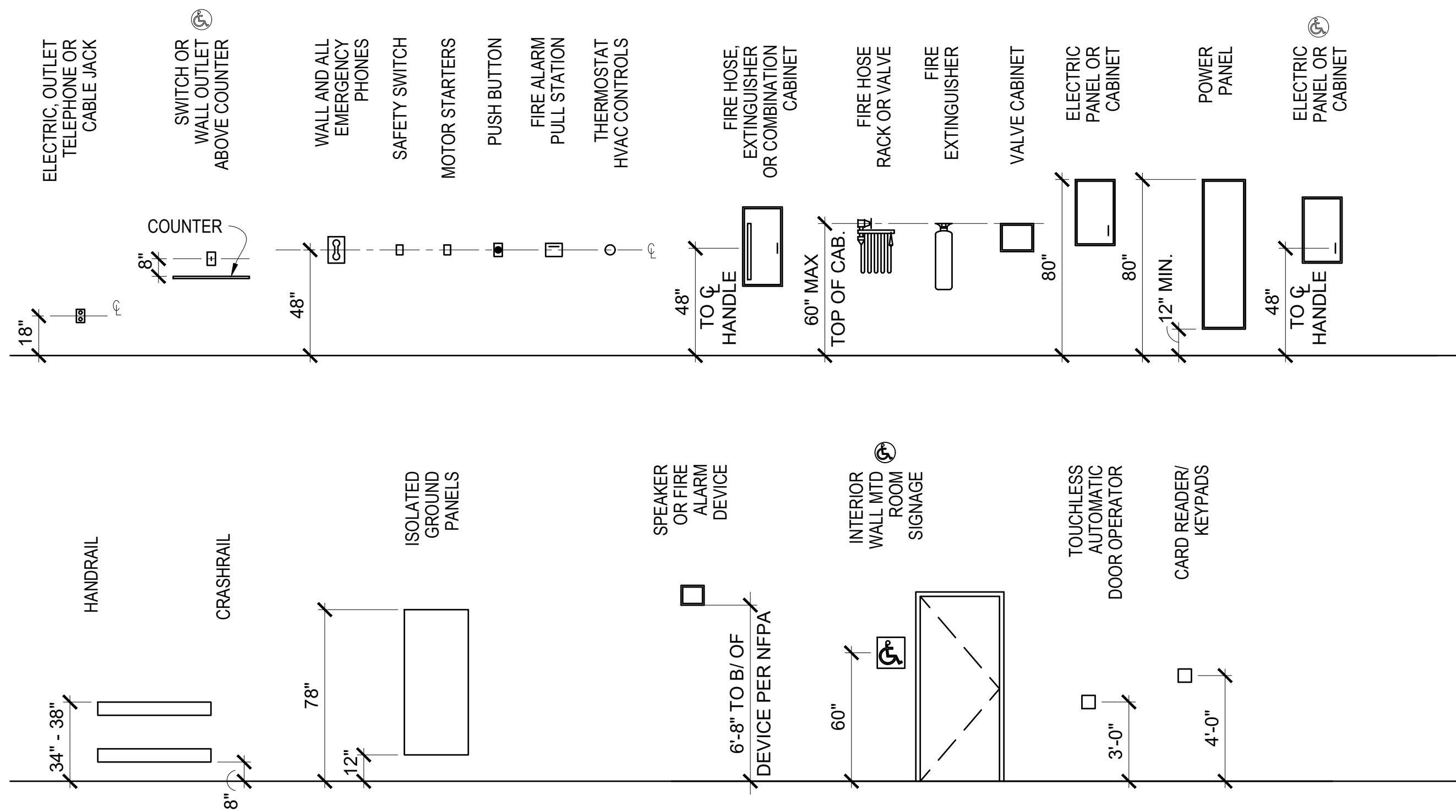
Building Number

Drawing Number

GI-013

MOUNTING DIMENSIONS

- NOTES:
- MOUNTING DIMENSIONS SHOW ACCESSIBLE AND NON-ACCESSIBLE CONDITIONS. WHEN ONLY ONE OPTION IS SHOWN - ALL ITEMS IN PROJECT SHALL BE ACCESSIBLE. WHEN ITEMS CAN BE ACCESSIBLE OR NON ACCESSIBLE DRAWINGS SHALL INDICATE LOCATION OF ACCESSIBLE ITEMS BY THIS SYMBOL: ♿
 - COORDINATE ITEMS SHOWN ON THIS DRAWING WITH PLANS AND SPECIFICATIONS FOR ACTUAL ITEMS USED ON THIS PROJECT.



RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.			
1 HR FIRE BARRIER	1 HR FIRE BARRIER (EXISTING)	2 HR FIRE BARRIER	2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER	SMOKE BARRIER (EXISTING)		

ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	E	EAST	MATL	MATERIAL	RM	ROOM
ADJ	ADJACENT	EA	EACH	MAX	MAXIMUM	RO	ROUGH OPENING
AFF	ABOVE FINISHED FLOOR	EJ	EXPANSION JOINT	MECH	MECHANICAL	S	SOUTH
AHU	AIR HANDLING UNIT	EL	ELEVATION	MFR	MANUFACTURER	SAN	SANITARY
ALT	ALTERNATE	ELEC	ELECTRIC	MIN	MINIMUM	SCHED	SCHEDULE
ALUM	ALUMINUM	ELEV	ELEVATOR	MISC	MISCELLANEOUS	SF	SQUARE FOOT (FEET)
AMT	AMOUNT	ENCL	ENCLOSURE	MLWK	MILLWORK	SH	SHEET
APPROX	APPROXIMATE	EQ	EQUAL	MR	MASONRY OPENING	SM	SIMILAR
AUTO	AUTOMATIC	EQUIP	EQUIPMENT	MTD	MOISTURE RESISTANT	SOW	SCOPE OF WORK
AUX	AUXILIARY	EWC	ELECTRIC WATER COOLER	MTG	MOUNTED	SPEC	SPECIFICATION
AV	AUDIO VISUAL	EXH	EXHAUST	MTG	MOUNTING	SPKLR	SPEAKER
AVG	AVERAGE	EXIST	EXISTING	MTL	METAL	SQ	SQUARE
BAT	BATTERY	EXP	EXPOSED	N	NORTH	SS	STAINLESS STEEL
BD	BOARD	EXT	EXTERIOR	N/A	NOT APPLICABLE	STD	STANDARD
BLDG	BUILDING	FA	FIRE ALARM	NAT	NATURAL	STOR	STORAGE
BLK	BLOCKING	FD	FLOOR DRAIN	NIC	NOT IN CONTRACT	SUSP	SUSPEND
BM	BEAM	FDN	FOUNDATION	NO	NUMBER	SV	SHEET VINYL
BO	BY OWNER	FE	FIRE EXTINGUISHER	NTS	NOT TO SCALE		
BOD	BASIS OF DESIGN	FEC	FIRE EXTINGUISHER CABINET			T&G	TONGUE AND GROOVE
CEM	CEMENT	FFME	FURNITURE, FIXTURE, AND EQUIPMENT	OA	OVERALL	TEMP	TEMPERED
CJ	CONTROL JOINT	FHC	FIRE HOSE CABINET	OC	ON CENTER	TERR	TERRAZZO
CL	CENTER LINE	FIG	FIGURE	OD	OVERFLOW DRAIN	THK	THICK
CLG	CEILING	FIN	FINISH	OH	OPPOSITE HAND	TO	TOP OF
CLR	CLEAR	FIXT	FIXTURE	OPNG	OPENING	TSTAT	THERMOSTAT
CMU	CONCRETE MASONRY UNIT	FL	FLOOR	OPT	OPTIONAL	TYP	TYPICAL
COL	COLUMN	FO	FACE OF			UNO	UNLESS NOTED OTHERWISE
CONC	CONCRETE	FP	FIRE PROTECTION OR FIREPROOF	PAT	PATTERN		
CONT	CONTINUOUS	FT	FOOT	PL	PLATE	VAR	VARIES
COORD	COORDINATE	FTG	FOOTING	PLAM	PLASTIC LAMINATE	VCT	VINYL COMPOSITION TILE
CO	CONTRACTING OFFICER			PLAS	PLASTER OR PLASTIC	VENT	VENTILATION
COR	CONTRACTING OFFICER'S REPRESENTATIVE	GC	GENERAL CONTRACTOR	PR	PAIR	VIF	VERIFY IN FIELD
CORR	CORRIDOR	GL	GLASS	PRE	PREFINISHED	VOL	VOLUME
CT	CERAMIC TILE	GYP BD	GYP BOARD	PREP	PREPARATION	VWC	VINYL WALL COVERING
CTR	CENTER			PROVIDE	FURNISH AND INSTALL		
CTRL	CONTROL	HAZMAT	HAZARDOUS MATERIALS	PT	PAINT		
DAT	DATUM	HOW	HARDWARE	PTME	PAINT TO MATCH EXISTING	W	WEST
DBL	DOUBLE	HM	HOLLOW METAL	PTN	PARTITION	W/	WITH
DEG	DEGREE	HT	HEIGHT	PWR	POWER	W/O	WITHOUT
DEMO	DEMOLITION					WC	WALL COVERING
DEPT	DEPARTMENT	INCL	INCLUDED	QT	QUARRY TILE	WD	WOOD
DF	DRINKING FOUNTAIN	INSUL	INSULATION	QTR	QUARTER	WDW	WINDOW
DIA	DIAMETER	INT	INTERIOR	QTY	QUANTITY	WWF	WELDED WIRE FABRIC
DIFF	DIFFUSER	JAN	JANITOR				
DM	DIMENSION	JST	JOIST	R	RADIUS		
DN	DOWN	JOINT	JOINT	RB	RESILIENT BASE		
DR	DOOR	J-BOX	JUNCTION BOX	RCP	REFLECTED CEILING PLAN		
DTL	DETAIL			RD	ROOF DRAIN		
DWG	DRAWING	LAM	LAMINATE	REC	RECESSED		
		LAV	LAVATORY	RECPT	RECEPTACLE		
		LED	LIGHT EMITTING DIODE	REINF	REINFORCED		
		LF	LINEAR FEET (FOOT)	REQD	REQUIRED		
		LL	LEAD LINED				
		LT	LIGHT				

GRAPHIC SYMBOLS

#/#	DEMOLITION AND ELEVATION KEYNOTE	X/AXXX	INTERIOR ELEVATION (SINGLE)	X AXXX	DETAIL BUBBLE DETAIL NUMBER DRAWING NUMBER
#/#	FLOOR AND CEILING PLANS KEYNOTE	X/X/AXXX	INTERIOR ELEVATION (MULTIPLE)		
XX	PARTITION TAG	#/AXXX	WALL SECTION DETAIL NUMBER DRAWING NUMBER		
XXXX	DOOR NUMBER				
D	WINDOW TAG	ELEVATION +0'-0"	ELEVATION TAG	XXXXX 1001	ROOM TAG ROOM NAME ROOM NUMBER
XX	SIGNAGE TAG	FEC-#	FIRE EXTINGUISHER CABINET		
NORTH	NORTH ARROW		POINT OF CONNECTION		

MATERIAL INDICATIONS

EARTH	CONCRETE ELEVATION/SECTION	STEEL
BRICK	CMU	CONCRETE PLAN
GRAVEL FILL	LIMESTONE	

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title
GENERAL - ABBREVIATIONS SYMBOLS LEGENDS AND MOUNTING HEIGHTS

Approved: Project Director

Phase
ISSUE FOR BID

BUILDING FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES - TIER 2

Location
FARGO VA HEALTH CARE SYSTEM
Issue Date
01/16/2024
Checked
DA
Drawn
JM

ISSUE FOR BID - 01/16/2024

Project Number
437-21-210

Building Number

Drawing Number

GI-014