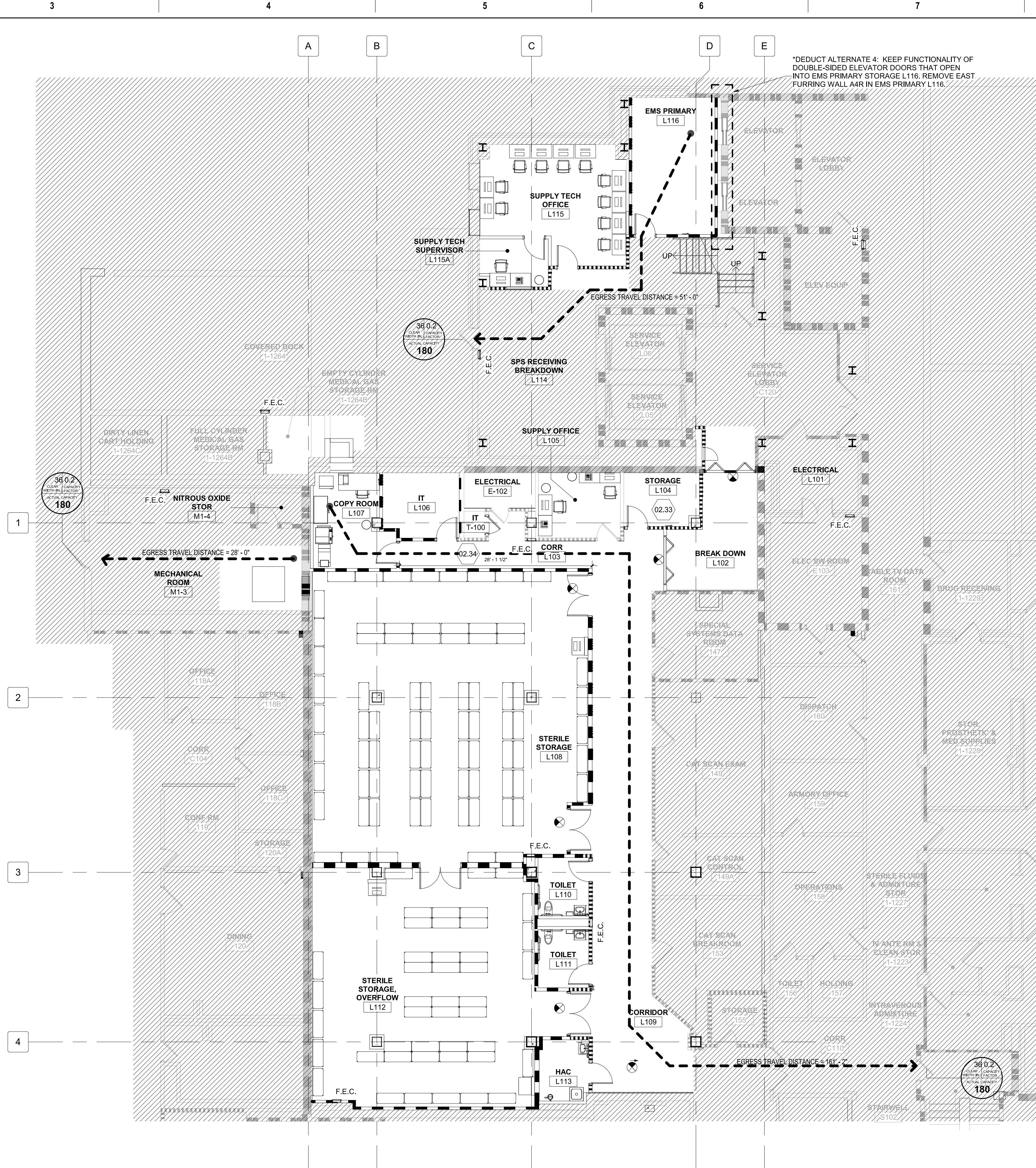


**FIRST FLOOR - CONSTRUCTION LIFE SAFETY PLAN**  
1/8" = 1'-0"



**FIRST FLOOR - LIFE SAFETY PLAN**  
1/8" = 1'-0"

**CODE SUMMARY**

APPLICABLE CODES IN ORDER OF PRECEDENCE:  
 • VETERANS AFFAIRS "FIRE PROTECTION DESIGN MANUAL"  
 • NFPA CODES (CURRENT EDITIONS)  
 OCCUPANCY CLASSIFICATION (NFPA 101 18.1.1.1.4): NEW HEALTHCARE  
 MAIN USE: HOSPITAL  
 HIGH-RISE/NOT HIGH-RISE (NFPA 101 3.3.3.7.7): NOT HIGH-RISE  
 MINIMUM CONSTRUCTION CLASSIFICATION (NFPA 101 18.1.6.1.1): TYPE I (332)  
 TOTAL RENOVATION AREA (BLDG 1 - 1ST FLOOR): 7,236 SF (GROSS) / 6,607 SF (NET)  
 TOTAL NON-RENOVATION AREA (BLDG 1 - 1ST FLOOR): 50,161 SF (GROSS) / 45,624 (NET)  
 COMBINED BUILDING AREA (BLDG 1 - 1ST FLOOR): 57,397 (GROSS) / 52,231 (NET)  
 OCCUPANT LOAD FACTOR (NFPA 101 TABLE 7.3.1.2): 240 SF PER PERSON  
 OCCUPANT LOAD FOR NEW AREA: 7,236 SF / 240 SF PER PERSON = 30 OCCUPANTS  
 COMMON PATH OF TRAVEL (NFPA 101 18.2.5.2): 100 FT MAX (SPRINKLERED)  
 DEAD END CORRIDOR (NFPA 101 18.2.5.3): 30 FT MAX (SPRINKLERED)  
 MAXIMUM TRAVEL DISTANCE (NFPA 101 18.2.6.2.1): 200 FT MAX (SPRINKLERED)  
 MINIMUM AISLES, CORRIDORS, AND RAMP WIDTH (NFPA 101 18.2.3.4): 6'-0" (96")  
 MINIMUM WIDTH OF DOOR OPENINGS FOR EGRESS (NFPA 101 7.2.1.2.3.2): 2'-8" (32")

**RELEVANT FIRE RESISTANCE RATINGS (PER NFPA TABLE 4.1.1 FROM NFPA 220)**

CONSTRUCTION ELEMENT	TYPE I (332) REQUIRED RATING	UL DESIGN (IF APPLICABLE)
EXTERIOR BEARING WALLS	3 HR	N/A
INTERIOR BEARING WALLS	3 HR	N/A
FLOOR/CeILING ASSEMBLIES	2 HR	5.25" THICK CONC. SLAB
ROOF/CeILING ASSEMBLIES	1 1/2 HR	N/A
BEAMS, GIRDERS, TRUSSES AND ARCHES (SUPPORTING MORE THAN ONE FLOOR)	3 HR	P908
COLUMNS (SUPPORTING MORE THAN ONE FLOOR)	3 HR	X790

**GENERAL FIRE PROTECTION INFORMATION**

THE VETERANS AFFAIRS "FIRE PROTECTION DESIGN MANUAL" REQUIRES THE FOLLOWING:  
 • THE FIRE PROTECTION DESIGN IT TO BE BASED ON THE LATEST EDITIONS  
 • FIRE PROTECTION FEATURES NOT ADDRESSED BY THE NFPA ARE TO BE DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC), 2021 IBC IS IMPLEMENTED.  
 QUICK RESPONSE SPRINKLERS THROUGHOUT: YES  
 STANDPIPE SYSTEM: YES  
 2021 NFPA 101 9.6.2 - SIGNAL INITIATION  
 ELECTRICAL SUPERVISION OF BUILDING ALARM AND FIRE DETECTION DEVICES: YES  
 2021 NFPA 101 9.6.4 - EMERGENCY FORCES NOTIFICATION  
 FIRE DEPARTMENT NOTIFICATION VIA APPROVED MONITORING OF FIRE SUPPRESSION, DETECTION, AND ALARM DEVICES: YES  
 2021 NFPA 101 9.6.8 - ANNUNCIATION  
 FIRE ALARM SYSTEM SOUNDS AN AUDIBLE AND VISIBLE ALARM IN A CONSTANTLY ATTENDED RECEIVING STATION WITHIN THE BUILDING: YES  
 2021 NFPA 101 9.7.2 - SUPERVISION  
 ELECTRICAL SUPERVISION OF AUTOMATIC SPRINKLER SYSTEMS: YES  
**SEISMIC AND WIND LOADING INFORMATION**  
 THE VETERANS AFFAIRS "SEISMIC DESIGN REQUIREMENTS HANDBOOK" IDENTIFIES THE FOLLOWING:  
 • REFER TO STRUCTURAL SHEET(S) S001-A.

**APPLICABLE CODES**

VETERANS AFFAIRS "FIRE PROTECTION DESIGN MANUAL"  
 NFPA 10 - PORTABLE FIRE EXTINGUISHERS, 2018 EDITION  
 NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2019 EDITION  
 NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS, 2019 EDITION  
 NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION, 2019 EDITION  
 NFPA 54 - NATIONAL FUEL GAS CODE, 2018 EDITION  
 NFPA 70 - NATIONAL ELECTRICAL CODE, 2020 EDITION  
 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE, 2019 EDITION  
 NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES, 2019 EDITION  
 NFPA 90A - STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATING SYSTEMS, 2018 EDITION  
 NFPA 90B - STANDARD FOR THE INSTALLATION OF WARM AIR HEATING AND AIR-CONDITIONING SYSTEMS, 2018 EDITION  
 NFPA 99 - HEALTH CARE FACILITIES CODE, 2018 EDITION  
 NFPA 101 - LIFE SAFETY CODE, 2018 EDITION  
 NFPA 105 - STANDARD FOR SMOKE DOOR ASSEMBLIES AND OTHER OPENING PROTECTIVES, 2019 EDITION  
 NFPA 110 - STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS, 2019 EDITION  
 NFPA 220 - STANDARD ON TYPES OF BUILDING CONSTRUCTION, 2018 EDITION  
 NFPA 241 - STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, 2019 EDITION  
 NFPA 5000 - BUILDING CONSTRUCTION AND SAFETY CODE, 2018 EDITION  
 ASHRAE 90.1 - ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS, 2018 EDITION  
 ABA - ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS

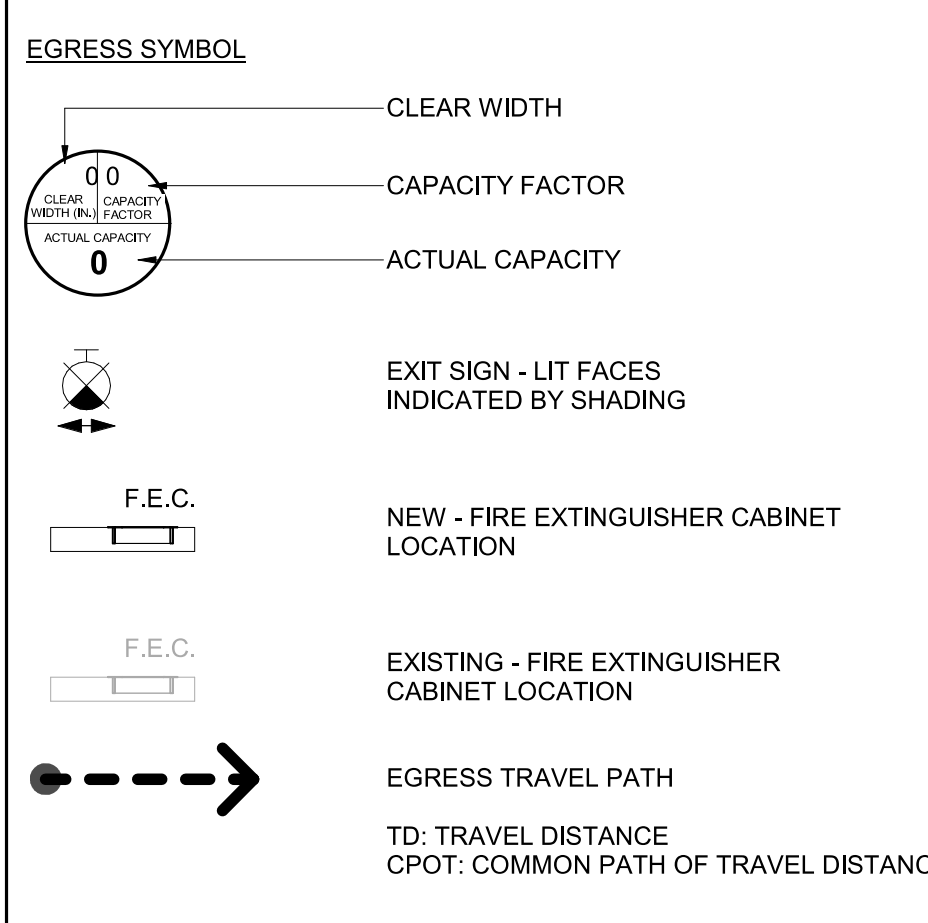
**GENERAL SHEET NOTES**

A. FOR GENERAL PROJECT NOTES - SEE SHEET A1002-A.  
 B. CONTINUE ADJACENT WALL RATINGS OVER DOORS.

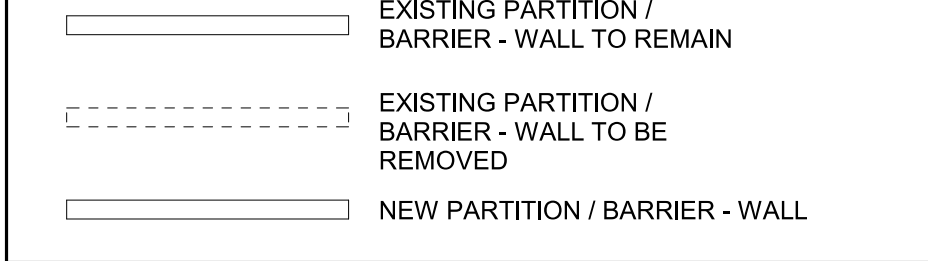
**SHEET KEYNOTES**

- 01.10 THIS ROOM IS UNDER RENOVATION UNDER SEPARATE CONTRACT
- 01.11 MAINTAIN 6'-0" CLEAR, TYPICAL.
- 01.28 KEEP DOOR LOCKED DURING CONSTRUCTION TO AVOID DEAD END CONDITION IN RADIOLOGY CORRIDOR.
- 01.29 USE THIS DOOR DURING CONSTRUCTION FOR PATIENT AND STAFF ACCESS FOR CT.
- 02.12 ICRA BARRIER TO BE INSTALLED PRIOR TO START OF CONSTRUCTION PERIOD WORK ACTIVITIES. BARRIER TO BE REMOVED UPON COMPLETING CONSTRUCTION PERIOD WORK ACTIVITIES. BARRIER INCLUDES PAINTED TEMPORARY WALLS, DOOR, AND LOCKING HARDWARE. COORDINATE KEYING WITH VA-COR.
- 02.33 ROOM IS 85.2 NSF.
- 02.34 CORRIDOR NOT INTENDED FOR INPATIENTS.

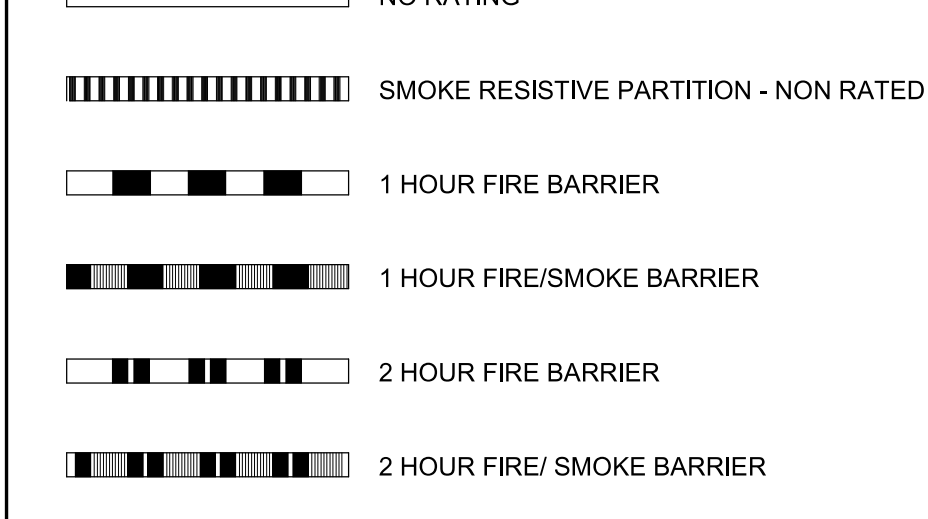
**LIFE SAFETY SYMBOLS**



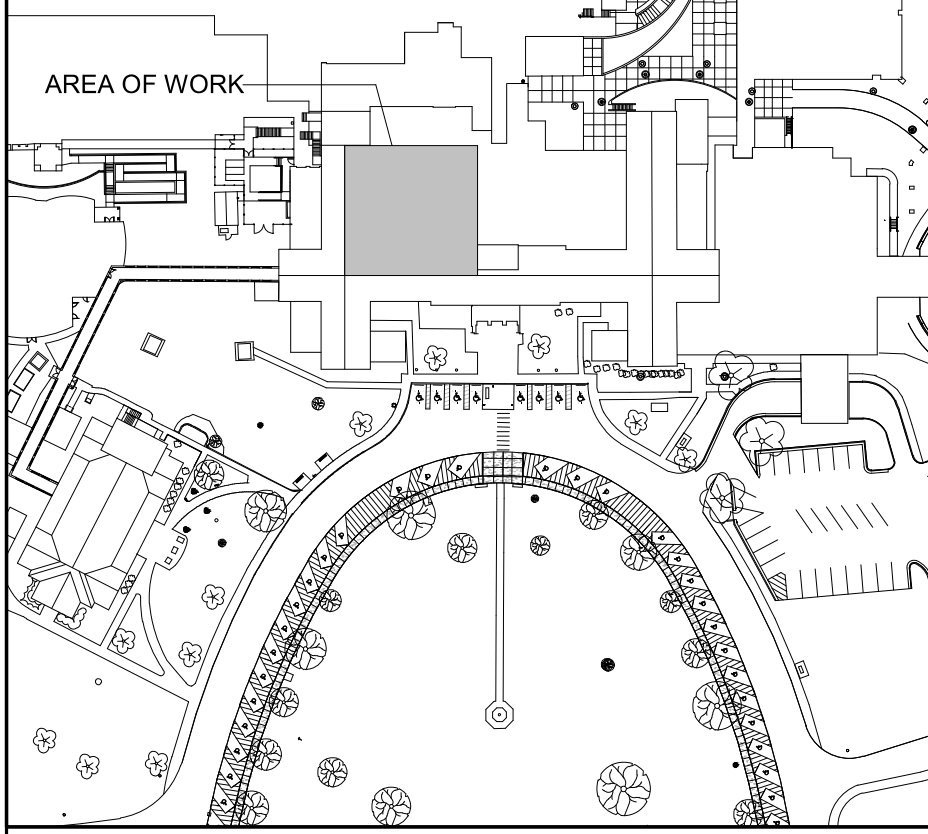
**PARTITION LEGEND**



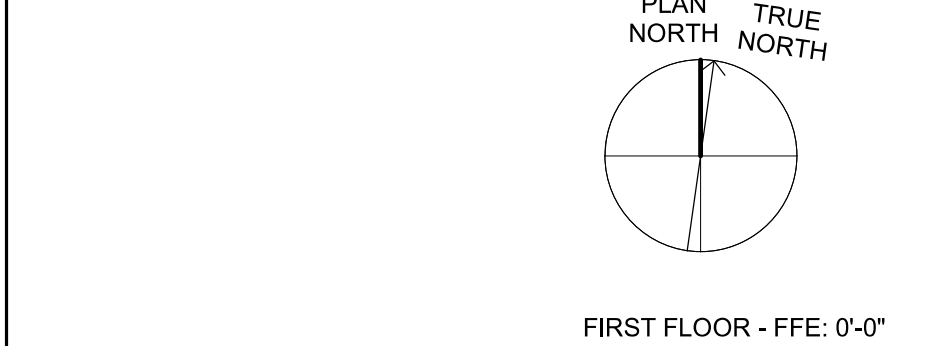
**PARTITION GRAPHICS**



**KEY PLAN**



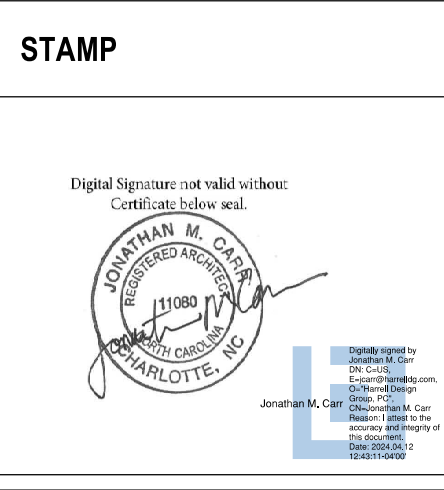
**NORTH LEGEND**



Revision Number	Revisions:	Date:

**CONSULTANTS**  
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 PRESIDENT  
 HDG PROJECT: 19022



**DRAWING TITLE**  
 FIRST FLOOR - LIFE SAFETY PLAN AND CODE SUMMARY

**APPROVED**

**PHASE**  
 CONSTRUCTION DOCUMENTS SUBMISSION

**FULLY SPRINKLERED**

**PROJECT TITLE**  
 RENOVATE SPACE FOR LOGISTICS (B-1)

**LOCATION**  
 FAYETTEVILLE VA MEDICAL CENTER

**ISSUE DATE**  
 11 APRIL 2024

**CHECKED**  
 JC

**DRAWN**  
 GO/MS

**PROJECT NUMBER**  
 564-24-104

**BUILDING NUMBER**  
 1

**DRAWING NUMBER**  
 G101-A

**Engineering Service**  
 VETERANS HEALTH CARE SYSTEM OF THE OZARKS  
 U.S. Department of Veterans Affairs