

A1 LIFE SAFETY PLAN
3/8" = 1'-0"

GENERAL NOTES

- ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES SHALL BE FIRESTOPPED AND SEALED WITH APPROVED MATERIALS TO MAINTAIN FIRE RATINGS.
- THE LIFE SAFETY PLANS ARE DIAGRAMMATIC ONLY. THEIR PURPOSE IS SOLELY TO REPRESENT THE LIFE SAFETY COMPONENTS FOR THE PROJECT. THE GENERAL CONTRACTOR SHALL USE THE CONSTRUCTION DOCUMENTS FOR THE IMPLEMENTATION OF THE REQUIRED LIFE SAFETY COMPONENTS.
- THE CONTRACTOR SHALL MAINTAIN ALL MEANS OF EGRESS FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE COVERED WALKS TO MAINTAIN EGRESS AND SAFE PASSAGE FROM THE BUILDING TO THE PUBLIC WAY AND AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION WHILE WORKING IN THE SPACES BELOW OR ABOVE THE AREA OF THE PROJECT.
- THE CONTRACTOR SHALL PROVIDE BARRIERS, TEMPORARY PARTITIONS TO PROTECT OCCUPANTS FROM PHYSICAL HAZARD AND NOISE DURING THE PROJECT.
- THE CONTRACTOR SHALL DETERMINE THE LOCATION OF CONSTRUCTION DOORS IN CONSTRUCTION BARRIERS. DOORS AND FRAMES IN CONSTRUCTION BARRIERS TO BE GASKETED. HOLLOW METAL DOORS TO BE SELF-CLOSING AND LOCKABLE.
- THE CONTRACTOR SHALL COORDINATE DEMOLITION OF EXISTING CONSTRUCTION TO MINIMIZE DISRUPTION OFF BUILDING OPERATIONS.
- THE CONTRACTOR SHALL ADVISE THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY LIFE SAFETY COMPONENT THAT IS SHOWN ON THE LIFE SAFETY PLANS BUT HAS NOT TO BE INCLUDED IN CONSTRUCTION DOCUMENTS.
- THE EXISTING TO REMAIN PORTIONS OF THE PROJECT WERE PROVIDED TO THE ARCHITECT BY THE OWNER. THE ARCHITECT TAKES NO RESPONSIBILITY FOR THE ACCURACY BEYOND THE LIMITS OF CONSTRUCTION AS DEFINED IN THE CONSTRUCTION DOCUMENTS.
- CONTRACTOR IS REQUIRED TO COORDINATE FINAL LOCATION AND QUANTITY OF FIRE EXTINGUISHERS WITH AUTHORITY HAVING JURISDICTION. (FIRE EXTINGUISHERS ARE TO BE OWNER SUPPLIED. CABINETS AND BRACKETS ARE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.)

LIFE SAFETY PLAN LEGEND

- X - ACTUAL CLEAR WIDTH OF LIMITING COMPONENT (INCHES)
Y - EXIT CAPACITY
- PATH OF TRAVEL TO EGRESS
- EX POSTED EXIT SIGN
- REMODEL WORK DOES NOT ADVERSELY AFFECT EGRESS

CODE REFERENCE:

2020 EXISTING BUILDING CODE OF NEW YORK STATE (EBC 2018), 2020 MECHANICAL CODE OF NEW YORK STATE, 2020 PLUMBING CODE OF NEW YORK STATE, NATIONAL ELECTRICAL CODE 2017 OF NEW YORK STATE, 2020 FIRE CODE OF NEW YORK STATE A117.1-2009 ACCESSIBILITY CODE

CHAPTER 3: USE & OCCUPANCY CLASSIFICATION (NO CHANGE)

GENERAL POST OFFICE / MAIL FACILITY:
BUSINESS OCCUPANCY (B) (NO CHANGE)

CHAPTER 5: GENERAL BUILDING HEIGHTS AND AREAS
BUILDING AREA = UNLIMITED (NO CHANGE)

(SECTION 507.4 SPRINKLERED, ONE-STORY BUILDINGS - THE AREA OF GROUP B, F, M OR S BUILDING NO MORE THAN ONE STORY ABOVE GRADE PLANE OF ANY CONSTRUCTION TYPE, SHALL NOT BE LIMITED WHERE THE BUILDING IS PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM THROUGHOUT AND IS SURROUNDED AND ADJOINED BY PUBLIC WAYS OR YARDS NOT LESS THAN 60 FT IN WIDTH)

CHAPTER 6: TYPE OF CONSTRUCTION (NO CHANGE)
TYPE IB (ASSUMED), UNPROTECTED, SPRINKLERED

CHAPTER 9: FIRE PROTECTION AND LIFE SAFETY SYSTEMS
SPRINKLER SYSTEM (MODIFICATIONS REQUIRED DUE TO NEW CONSTRUCTION)
FIRE ALARM (MODIFICATIONS REQUIRED DUE TO NEW CONSTRUCTION)

CHAPTER 10: MEANS OF EGRESS
BUSINESS AREAS

214,955 SF / 150 SF PER OCCUPANT = 1,434 OCCUPANTS

1005.3.2 MEANS OF EGRESS SIZING - OTHER EGRESS COMPONENTS

TOTAL OCCUPANT LOAD (1,434) x 0.2 IN. PER OCCUPANT
286.8 INCHES REQUIRED: 510 INCHES PROVIDED

1006.3.2 MINIMUM NUMBER OF EXITS OR ACCESS TO EXITS PER STORY
OCCUPANT LOAD PER STORY (1,434)
4 REQUIRED: 11 PROVIDED

1007 EXIT AND EXIT DOOR CONFIGURATION
SEPARATION DISTANCE BETWEEN DOORS
675'-0" / 1'-225'-0" MIN.
PROVIDED = 440'-2"

1017.2 EXIT TRAVEL DISTANCE
300' PER 2020 EXISTING BUILDING CODE OF NEW YORK STATE (EBC 2018)
TABLE 40.2.5.1 ARRANGEMENT OF EXITS
100' PER NFPA 101

TABLE 403.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES
USPS CALCULATIONS FOR TOTAL EMPLOYEES AT THIS LOCATION
304 EMPLOYEES: 152 MEN AND 152 WOMEN

MEN REQUIREMENTS: 7 FIXTURES (URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 50% OF THE REQD. TOILETS)
MEN PROVIDED: 12 TOILETS, 11 URINALS, 13 LAVATORIES

WOMEN REQUIREMENTS: 7 FIXTURES
WOMEN PROVIDED: 12 TOILETS, 12 LAVATORIES

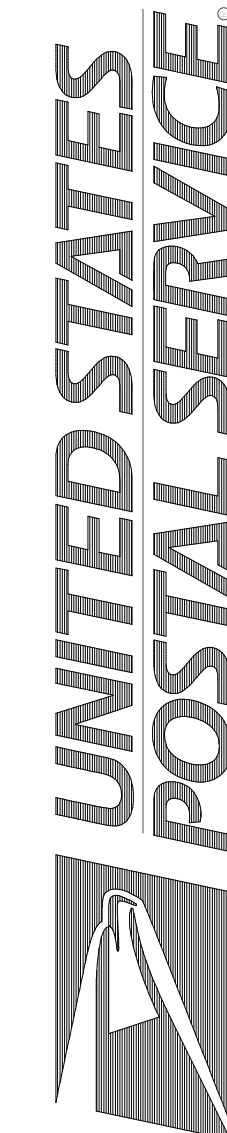
PHASING NOTE:

DEMOLITION WORK TO BE COORDINATED ON SITE. NOT ALL RESTROOMS TO BE DOWN AT THE SAME TIME. KEEP RESTROOMS AVAILABILITY CODE COMPLIANT.

NOT FOR
CONSTRUCTION

DESIGNER	SR
PROJECT MANAGER	DL
JOB NO.	2022359.04

USPS - MID-HUDSON, NY
99 GOVERNOR DRIVE
NEWBURGH, NY 12550



LIFE SAFETY PLAN AND CODE REVIEW

G-001.1

Scale:	NTS	Date:	02/23/2023
Project:	USPS - MID-HUDSON, NY	Revisions:	100% OWNER REVIEW
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