

**NOT FOR CONSTRUCTION**

DESIGNER	SR
PROJECT MANAGER	DL
DRAWING NO.	2022359.04

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

**UNITED STATES POSTAL SERVICE**

**G-001.1** LIFE SAFETY PLAN AND CODE REVIEW  
 Scale: NTS Date: 02/23/2023 Revisions: 100% OWNER REVIEW  
 Project: USPS - MID-HUDSON, NY  
 USPS File Number: 355006-020

Facilities: 4301 Wilson Blvd., Suite 300, Arlington, VA 22203-1861

**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 OF 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
-  POSTED EXIT SIGN
-  REMODEL WORK DOES NOT ADVERSELY AFFECT EGRESS

**CODE REFERENCE:**

2020 EXISTING BUILDING CODE OF NEW YORK STATE (EBC 2016), 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 A117.1-2008 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 I(B) (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  
 676'-0" / 3 = 225'-0" MIN.  
 PROVIDED = 447'-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

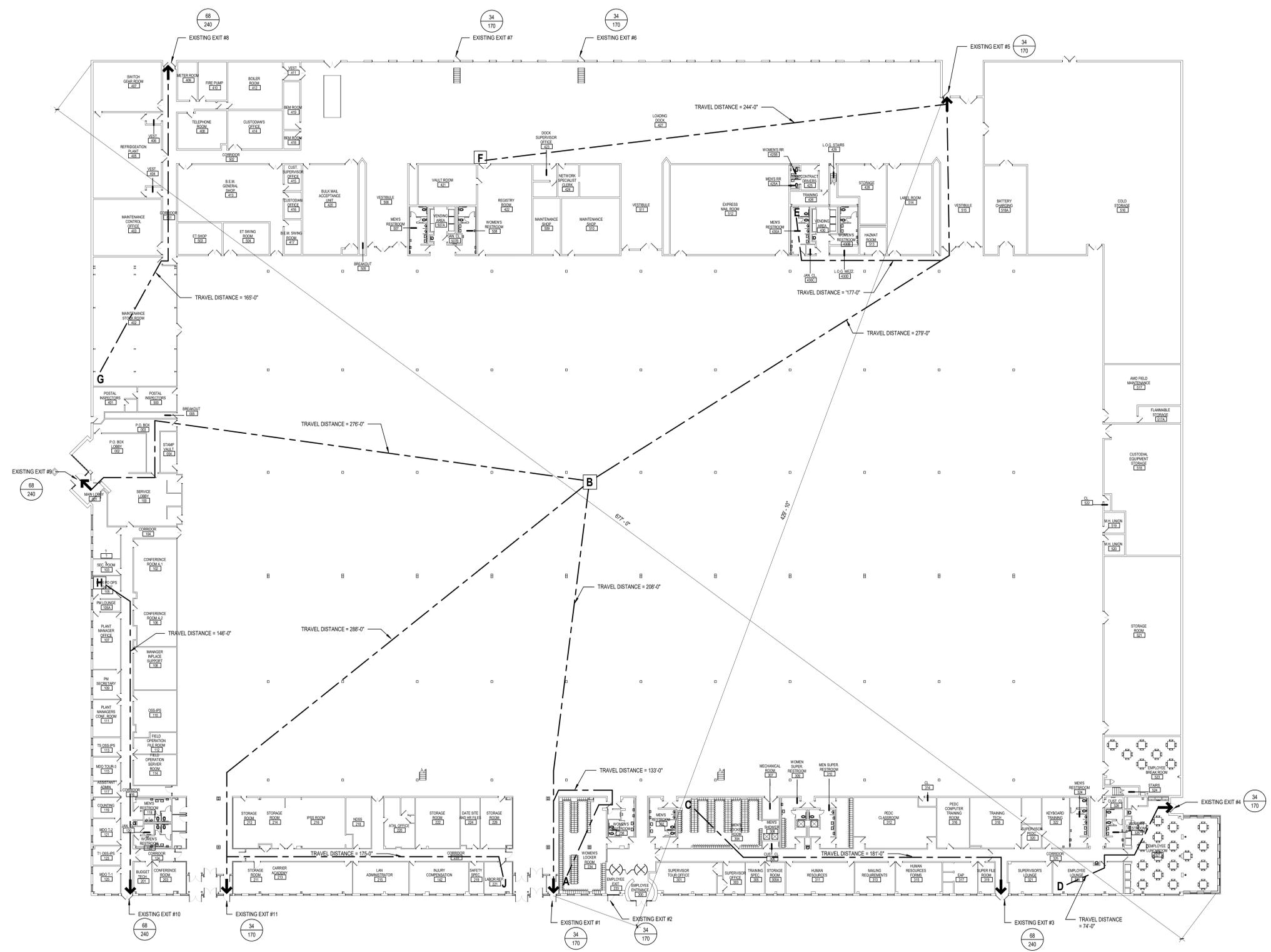
TABLE 403.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES  
 USPS CALCULATIONS FOR TOTAL EMPLOYEES AT THIS LOCATION  
 304 EMPLOYEES; 152 MEN AND 152 WOMEN

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.



**A1** LIFE SAFETY PLAN  
 3/84" = 1'-0"

