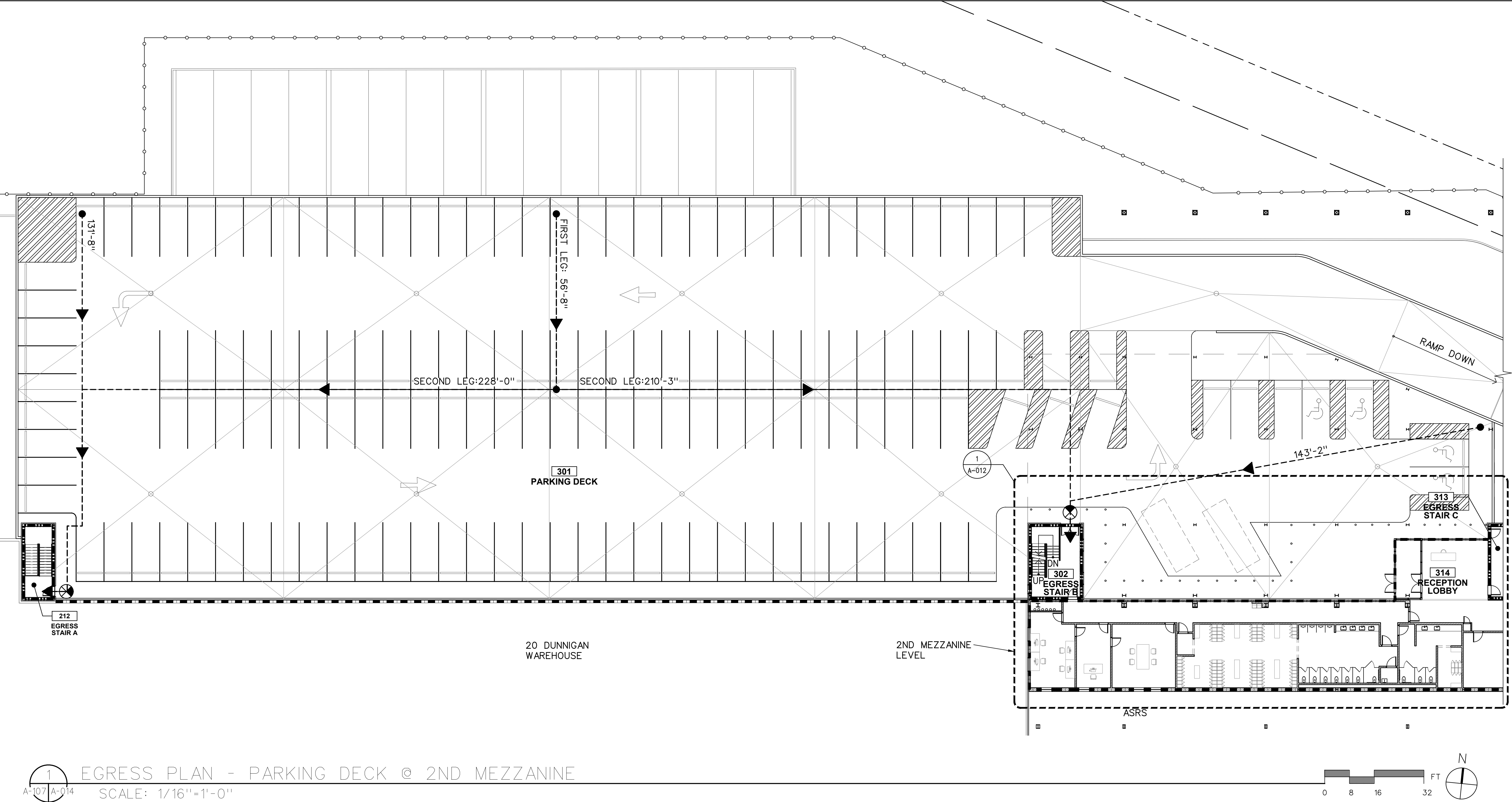




1 EGRESS PLAN - PARKING DECK @ 2ND MEZZANINE
A-107 A-014 SCALE: 1/16"=1'-0"

LIFE SAFETY AND EGRESS LEGEND:

100' TRAVEL DISTANCE
PATH OF EGRESS

B S-2 OCCUPANCY CLASSIFICATION

1-HR RATED WALL
2-HR RATED WALL

EXIT SIGN

PROJECT:
MANHATTAN BEER DISTRIBUTORS
10-20 DUNNIGAN DRIVE
SUFFERN NEW YORK

A. EGRESS CODE CRITERIA

BUILDING CODE:
2020 BUILDING CODE OF NEW YORK STATE (BCNYS)

2020 BCNYS SECTION 306.2 - OCCUPANCY CLASS TYPE:
S-2 STORAGE (LOW HAZARD)

ALL EMPLOYEE WORK AREAS ARE IN COMPLIANCE WITH
2020 BCNYS SECTION 1103.2.2 AND ANSI A117.1.

2020 BCNYS TABLE 508.4 - FIRE RATED SEPARATIONS
PER TABLE 508.4, OCCUPANCY GROUPS (S-2) STORAGE
LOW HAZARD AND (B) BUSINESS ARE REQUIRED TO HAVE
A 1-HR FIRE RATED SEPARATION.

AS PER 2020 BCNYS 425, NO RADIOACTIVE MATERIAL OR
RADIATION PRODUCING EQUIPMENT HAS BEEN USED AS
PART OF THIS APPLICATION.

OCCUPANT LOAD CALCULATION:PER 2020 BCNYS TABLE 1004.5

SPACES	USE GROUP/ SPACE DESCRIPTION	AREA (GSF)	AREA PER OCCUPANT	OCCUPANT LOAD
2ND MEZZANINE	BUSINESS AREAS	3,254 GSF	150 GSF	21
	LOCKER ROOM	993 GSF	50 GSF	19
UPPER PARKING DECK	PARKING GARAGE	56,617 GSF	200 GSF	283
TOTAL *OF OCCUPANTS				323

OCCUPANT LOAD REQUIREMENTS NET AREA TABLE (2020 BCNYS TABLE 1004.5)

BUSINESS AREAS: 150GSF/OCCUPANT
STORAGE/STOCK/SHIPPING: 300 GSF/OCCUPANT
PARKING GARAGE: 200 GSF/OCCUPANT
WAREHOUSE: 500 GSF/OCCUPANT
LOCKER ROOM: 50 GSF
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM: 300 GSF/OCCUPANT

B. GENERAL MEANS OF EGRESS

MINIMUM REQUIRED EGRESS WIDTH
(2020 NYSBC SECTION 1005.3.1 & 1005.3.2):

STAIRWAYS:
OCCUPANT LOAD x 0.3" (EGRESS WIDTH/OCC.)

OTHER EGRESS COMPONENTS:
OCCUPANT LOAD x 0.2" (EGRESS WIDTH/OCC.)

CORRIDORS (2020 NYSBC SECTION 1020):
BOTH (B) AND (S-2) OCCUPANCIES
- MAX. DEAD END CORRIDOR LENGTH: 50 FT (PER SECTION 1020.4)
- MIN. CORRIDOR WIDTH: 44" MIN. (PER TABLE 1020.2)

EXIT ACCESS REQUIREMENTS (2020 NYSBC TABLE 1017.2):

STORAGE (S-2)-MAX. TRAVEL DISTANCE (W/ SPRINKLER SYSTEM): 400 FT

BUSINESS (B)-MAX. TRAVEL DISTANCE (W/ SPRINKLER SYSTEM): 300 FT

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MANHATTAN BEER DISTRIBUTORS
20 DUNNIGAN DRIVE
SUFFERN, NEW YORK

REV	DESCRIPTION	DATE
-	ISSUED FOR DOB SUBMISSION	9.10.21
-	ISSUED FOR BID	10.15.21
-	ISSUED FOR CONSTRUCTION	11.30.21
-	REVISED BID SET	01.20.22
-	REVISED FOR CONSTRUCTION	04.05.22
-	PER METAL PANEL REDESIGN	07.26.22
-	REVISED FOR CONSTRUCTION	08.15.22

DRAWN BY :	S. WOO
CHECKED BY :	D. TOBAR, R.A.
APPROVED BY :	A. BERGER, R.A.
DATE :	07.30.2021
SCALE :	AS NOTED

DRAWING TITLE :
**LIFE SAFETY AND
EGRESS PLANS -
PARKING DECK**

DWG NUMBER :

A-014