

- ▶ = NUMBER OF PERSONS EXITING AND DIRECTION
- ⊗ = EXIT SIGN W/EMERGENCY LIGHT BAT. PAK W/2 LAMPS
- ☐ = EMERGENCY LIGHT BATTERY PAK W/2 LAMPS MAX DIST EVERY 25FT

ROOF: ROOF TERRACE
3800.0 SF
OCCUPANT LOAD = 200 GROSS SF / PERSON = 19 PERSONS

EMR: MECHANICAL EQUIPMENT
314.0 SF
OCCUPANT LOAD = 300 GROSS SF / PERSON = 2 PERSONS

1005.1 MINIMUM REQUIRED EGRESS WIDTH
CORRIDORS (OTHER EGRESS) = TOTAL OCCUPANT LOAD x 0.2 INCHES

CORRIDOR AND EXIT DOOR WIDTH CALCULATIONS:

ROOF TERRACE

19 PERSONS $\times 0.2 = 3.8"$
PROVIDED DOORS (2)
2 @ $36" = 72"$
TOTAL WIDTH = $72" > 3.8"$ THEREFORE OK, COMPLIES

EMR

2 PERSONS $\times 0.2 = 0.4"$
PROVIDED DOORS (1)
1 @ $36" = 36"$
TOTAL WIDTH = $36" > 0.4"$ THEREFORE OK, COMPLIES

1006.2.1 COMMON PATH OF EGRESS TRAVEL

<u>ROOF TERRACE</u>		
DWELLING UNITS:	R-2 OCCUPANCY	NOT EXCEED 125'
<u>EMR</u>		
DWELLING UNITS:	R-2 OCCUPANCY	NOT EXCEED 125'

COMMON PATH OF EGRESS TRAVEL DISTANCE PROVIDED
ROOF = 54'-5" < 125' OK, COMPLIES

EMR = 28'-2" < 125' OK, COMPLIES

1006.2.1 EXITS OR EXIT ACCESS DOORWAYS FROM SPACES. TWO EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED WHERE ONE OF THE FOLLOWING CONDITIONS EXISTS:

1. THE OCCUPANT LOAD OF THE SPACE EXCEEDS ONE OF THE VALUES IN TABLE 1006.2.1
2. THE COMMON PATH OF EGRESS TRAVEL EXCEEDS ONE OF THE LIMITATIONS OF 1006.2.1

ROOF
OCCUPANT LOAD = 19, 2 EXITS REQUIRED, 2 EXITS PROVIDED PER BC 1006.3.1, BC 1006.3.1

EMR
OCCUPANT LOAD = 2, 1 EXITS REQUIRED, 1 EXITS PROVIDED PER BC 1006.2.1, BC 1006.3.2

TABLE 1006.2.1
SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY

OCCUPANCY	MAXIMUM OCCUPANCY LOAD	COMMON PATH OF EGRESS TRAVEL DISTANCE		
		WITHOUT SPRINKLER		WITH SPRINKLER
		OCCUPANT LOAD		
R-2	20 ^g	OL ≤ 30	OL ≥ 30	125
		NP	NP	

g. Rooms, areas, or spaces that are accessory to a Group R-2 occupancy may have a maximum occupant load of 49.

TABLE 1006.3.1
MINIMUM NUMBER OF EXITS FOR OCCUPANT LOAD

OCCUPANT LOAD (PERSONS PER STORY)	MINIMUM NUMBER OF EXITS (PER STORY)
1 - 500	2

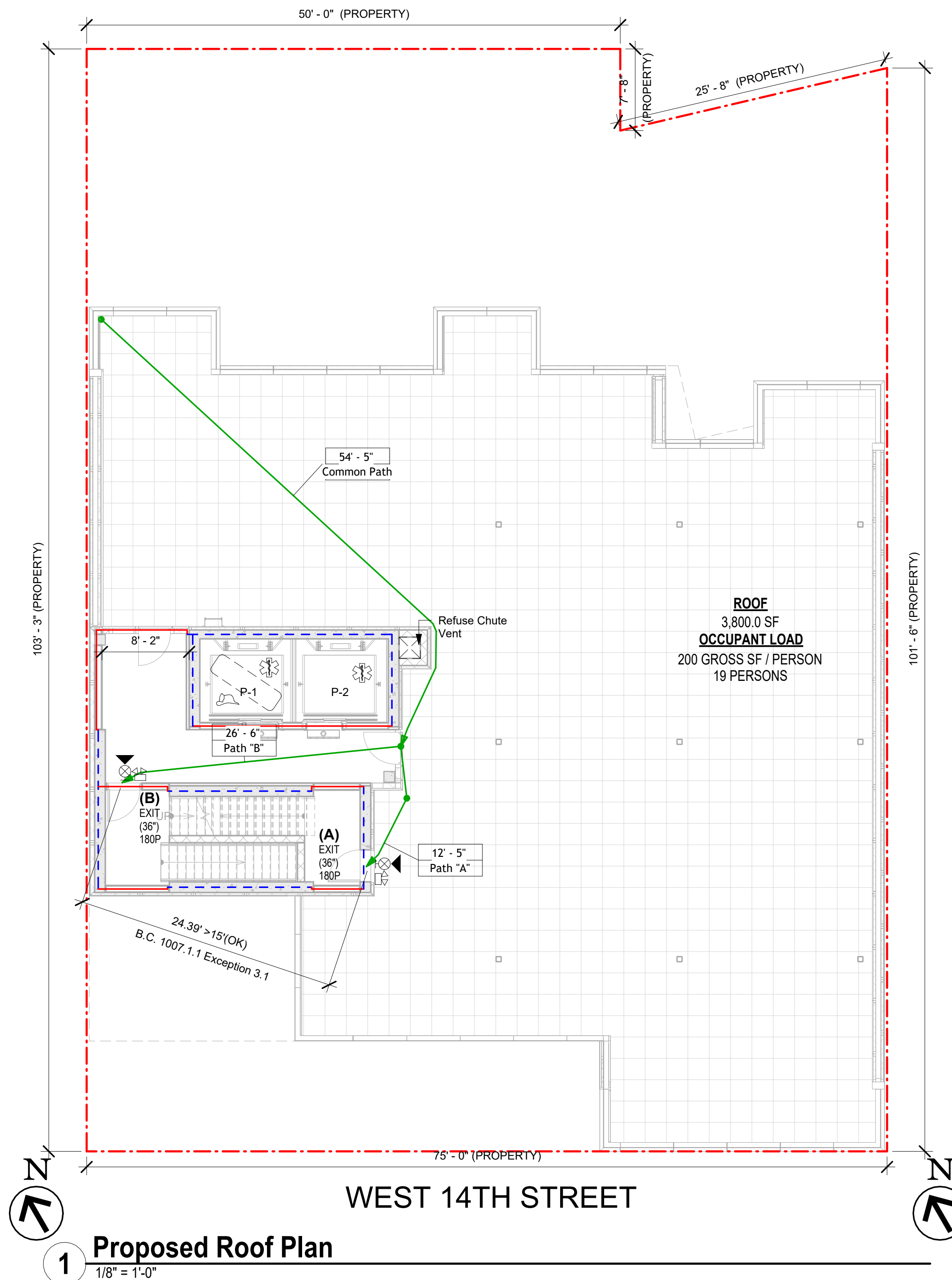
1006.3.2 SINGLE EXITS

A SINGLE EXIT OR ACCESS TO A SINGLE EXIT SHALL BE PERMITTED FROM ANY STORY OR OCCUPIED ROOF DESIGNED FOR HUMAN OCCUPANCY OR USE WHERE ONE OF THE FOLLOWING CONDITIONS EXISTS:

1. THE OCCUPANT LOAD, NUMBER OF DWELLING UNITS AND EXIT ACCESS TRAVEL DISTANCE DO NOT EXCEED THE VALUES IN TABLE 1006.3.2.
2. ROOMS, AREAS AND SPACES COMPLYING WITH SECTION 1006.2.1 WITH EXITS THAT DISCHARGE DIRECTLY TO THE EXTERIOR AT THE LEVEL OF EXIT DISCHARGE ARE PERMITTED TO HAVE ONE EXIT OR ACCESS TO A SINGLE EXIT.

TABLE 1006.3.2
STORIES WITH ONE EXIT OR ACCESS TO ONE EXIT

STORY	OCCUPANCY	MAXIMUM OCCUPANT LOAD PER FLOOR	MAXIMUM TRAVEL DISTANCE (FEET)
FIRST STORY ABOVE GRADE PLANE OR CELLAR	H-4, H-5, I, R	10	75



1 Proposed Roof Plan

$$1/8'' = 1'-0''$$

1007.1.1 TWO EXITS OR EXIT ACCESS DOORWAYS
EXCEPTIONS:
3. GROUP R-2 OCCUPANCIES, IN GROUP R-2 OCCUPANCIES, WHERE STAIRS ARE ENCLOSED IN WALLS HAVING AT LEAST A 2-HOUR FIRE RESISTANCE RATING AND CONSTRUCTED OF MASONRY OR MASONRY EQUIVALENT IN ACCORDANCE WITH DEPARTMENT RULES:
3.1.THE EXIT DOORS TO SUCH STAIRS SHALL BE PLACED A DISTANCE APART EQUAL TO NO LESS THAN 15 FEET.

ROOF:
EXIT SEPARATION DISTANCE = 24.39'
24.39' > 15', THEREFORE OK, COMPLIES

1017.1 TRAVEL DISTANCE WITHIN THE EXIT ACCESS PORTION OF THE MEANS OF EGRESS SYSTEM SHALL BE IN ACCORDANCE WITH THIS SECTION.

1017.2 EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED THE VALUES GIVEN IN TABLE 1017.2.

TABLE 1017.2
EXIT ACCESS TRAVEL DISTANCE

OCCUPANCY	WITHOUT SPRINKLER SYSTEM (FEET)	WITH SPRINKLER SYSTEM (FEET)
E, F-1, M, R, S-1	150	200 ^b
F-2, S-2, U	200	250 ^c

- b. BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2. SEE SECTION 903 FOR OCCUPANCIES WHERE SPRINKLER SYSTEMS ARE PERMITTED IN ACCORDANCE WITH SECTION 903.3.1.2.

ROOF
 TERRACE:
 TRAVEL DISTANCE (A) = $54'-5" + 12'-5" = 76'-10"$
 $76'-10" < 200'-0"$ THEREFORE OK, COMPLIES
 TRAVEL DISTANCE (B) = $54'-5" + 26'-6" = 80'-11"$
 $80'-11" < 200'-0"$ THEREFORE OK, COMPLIES

MECHANICAL EQUIPMENT:
TRAVEL DISTANCE (A) = 28'-2"
28'-2" < 250'-0" THEREFORE OK, COMPLIES


$$1/8'' = 1'-0''$$

ROOF
EXIT # A = 180 CAPACITY = (36" / 0.2")
SERVES: RESIDENTIAL (R-2) = 19 PERSONS
19 x 50% MAX = 10 PERSONS
180 > 10 THEREFORE OK

EXIT # B = 180 CAPACITY = (36" / 0.2")
SERVES: RESIDENTIAL (R-2) = 19 PERSONS
19 x 50% MAX = 10 PERSONS
180 > 10 THEREFORE OK

EMR
EXIT # A = 180 CAPACITY = (36" / 0.2")
SERVES: EMR (U) = 2 PERSONS
180 > 2 THEREFORE OK

31 & 33 & 35
WEST 14TH
STREET

[illegible]

WEST 14TH
STREET

LIFE SAFETY PLAN ROOF AND EMR

Project Number

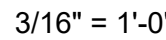
Date 10/06/2025

Drawn By Jack.S/ Ruodi.Z

Checked By WC/ JQ

A-013.00

Scale	As indicated
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$$1/8'' = 1'-0''$$
$$1/8'' = 1'-0''$$

NYCEC COMPLIANCE STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE
PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE NEW YORK CITY
ENERGY
CONSERVATION CODE OF 2020- C5






NOTE:
LOCATION OF ALL RECEPTACLES (IE. SEPARATE CIRCUIT LOW VOLTAGE AND CABLE) TBD IN FIELD BASED UPON OF FF&E AND CODE REQUIREMENTS.
INFORMATION PROVIDED HERE AS SUPPORTIVE DOCUMENTATION TO COMPLY WITH THE NYCECC AS REQUIRED IN C103.2.

Scale	As indicated
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$1/8" = 1'-0"$

Diagram	Light Type	Length (in.)	Description
	L1	48	White 40-Watt 3200 Lumens 3000K Integrated LED Linear Strip Light
	R1	4	White 10.3-Watt 792 Lumens 3000K Integrated LED Round Recessed Light

$$1/8" = 1'-0"$$

Diagram	Device Type	Description
	Daylight Sensor	Turns lights off 100% at dawn and on at dusk
	Occupancy Sensor 1	passive infrared (PIR) technology for detection in areas with or without obstructions. Turns lights off 50% while no occupancy
	Occupancy Sensor 2	passive infrared (PIR) technology for detection in areas with or without obstructions. Turns lights off 100% while no occupancy
	Exit Sign	This Green LED Edge Lit Exit Sign is suitable for ceiling and wall mount installation, 5 watt per fixture.
	Switch	1-standard strip gauge for all devices

Location	Area (SF)	Light Type	Count	Function
Corridor	260	R1	9	Interior
Egress	194	L1	2	Interior
Balcony	357	R1	10	Exterior

Location	Area (SF)	Light Type	Count	Function
Egress 2	343	L1	5	Open Area
Entrance	92	R1	2	Open Area
Res. Lobby	435	R1	13	Open Area
Mail Room	152	R1	6	Open Area

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$$3/16'' = 1'-0''$$
[illegible]



Level 2 RCP	
Project Number	Project Number
Date	10/06/2025
Drawn By	Jack.S/ Ruodi.Z
Checked By	WC/ JQ
A-402.00	
Scale	As indicated

Project Number	Project Number
Date	10/06/2025
Drawn By	Jack.S/ Ruodi.Z
Checked By	WC/ JQ






A-402.00

Scale	As indicated
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$$3/16'' = 1'-0''$$
$$1/8'' = 1'-0''$$

Diagram	Light Type	Length (in.)	Description
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	Occupancy Sensor 2	passive infrared (PIR) technology for detection in areas with or without obstructions. Turns lights off 100% while no occupancy
	Exit Sign	This Green LED Edge Lit Exit Sign is suitable for ceiling and wall mount installation, 5 watt per fixture.
	Switch	1-standard strip gauge for all devices

3rd - 9th Floor Balcony =
(72 SF + 58 SF + 71 SF + 156 SF) x 7 Floors = 2499 SF

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Location	Area (SF)	Light Type	Count	Function
Corridor	1820	R1	63	Interior
Egress	1358	L1	14	Interior
Balcony	2499	R1	70	Exterior

[illegible]

Level 3 to 9 RCP

A-403.00	
Scale	As indicated

Scale	As indicated
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