



DIVINE E. AMOAH
ARCHITECT
AR #0016936
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NEW MULTIFAMILY BUILDING (8 UNITS)

OWNER: BRANESP REALTY VENTURES LLC
ADDRESS: 524 N. RIVERSIDE DRIVE
POMPANO BEACH, FLORIDA 33062

REVISIONS

STATE OF FLORIDA
DIVINE E. AMOAH
REGISTERED ARCHITECT
AR0016936

Digitally signed by Divine E. Amoah, E. Amoah, Architect
Date: 2021.05.07 23:22:21 -0400

DIVINE E. AMOAH
ARCHITECT
AR # 0016936

DATE: 01/2020

LS-1

FIRE EXTINGUISHER CALCULATION

R-2 (RESIDENTIAL) & S-2 (OPEN PARKING GARAGE) ARE CONSIDERED ORDINARY HAZARD OCCUPANCIES, THUS:

PROVIDED RATE FOR SINGLE EXTINGUISHERS: 2-A

PROVIDED MAXIMUM FLOOR AREA PER EXTINGUISHER:

3,353 Sq.Ft. < 11,250 Sq.Ft.
3,353 Sq.Ft. / 3,000 Sq.Ft. = 1.11

PROVIDED TRAVEL DISTANCE TO EXTINGUISHER < 75'

121' / 75' MAX = 1.61

PROVIDED NUMBER OF FIRE EXTINGUISHERS = 2

BUILDING OCCUPANCY: APARTMENTS

GROUP R-2 (RESIDENTIAL)
(AREA PER FLOOR 3,353 SF)

PARKING GARAGE

S-2 --- LOW HAZARD STORAGE
(AREA 3,957 SF)

TOTAL SCOPE OF WORK AREA (6,706 SQFT.)

OCCUPANT LOAD

RESIDENTIAL = 1/200 GROSS AREA
= 3,353/200 = 15.3 PERS.

S = 1/300 GROSS AREA
= 4,125/300 = 13.7 PERS.

LIFE SAFETY GROUND FLOOR

SC: 3/16"=1'

NOTES

- FIRE EXTINGUISHERS SHALL HAVE A MIN. RATINGS 2A 20BC MOUNTED 48" AFF. TO TOP OF HANDLE, NOT TO EXCEED 75'-0" TRAVEL DISTANCE, AND THEY WILL BE CURRENTLY TAGGED BY AN LICENSED FIRE EQUIPMENT COMPANY.
- ALL DOOR IN THE MEANS OF EGRESS SHALL BE SINGLE ACTION RELEASE AND SHALL NO REQUIRED THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE TO OPEN FROM SIDE OF EGRESS.
- THE MAIN ENTRANCE/ EXIT SHALL BE OF A WIDTH THAT ACCOMMODATES ONE HALF OF THE TOTAL OCCUPANT LOAD (NFPA 101 12.2.3.6.24(2)0
- NO CHANGES IN LEVEL IN MEANS OF EGRESS EXCEEDING 1/2" MAX. WILL BE DONE. (NFPA 102 7.17(2))

LEGEND

- FIRE EXTINGUISHER
ONE EVERY 1,500 SQ. FT.
SCOPE OF WORK AREA: 6,706 SQ. FT.
REQUIRED 4 FIRE EXTINGUISHER
PROVIDED 4 FIRE EXTINGUISHER
- EXIT SIGN 1/4"90 MIN. BATT. BACKUP
- EMERGENCY LIGHT 1/4"90 MIN. BATT. BACKUP
- T.D. / C.P.
TRAVEL DISTANCE MAX. ALLOWED : 250' - 0"
COMMON PATH MAX. ALLOWED : 125' - 0"

GROUND FLOOR

TRAVEL DISTANCE MAX. PROVIDED : 26'-0"
COMMON PATH MAX. PROVIDED : 122'-0"