

LIFE SAFETY NOTES

1. ALL STAIRS SHALL RECEIVE SPECIAL SIGNAGE WITHIN THE ENCLOSURE AT EACH FLOOR LANDING COMPLYING WITH NFPA-101 SECTION 7.2.2.5.4 - STAIRWAY IDENTIFICATION.
2. ALL STAIRS SHALL RECEIVE SIGNAGE COMPLYING WITH 2015 IBC 1009.9 AND ICC A117.1
3. PROVIDE SIGNAGE THAT DESIGNATES PERMANENT ROOMS OR SPACES AND GIVES DIRECTION, INFORMATION, FUNCTION AND PARKING FACILITIES CONFORMING TO THE REQUIREMENTS OF SECTION 4.1.2(7) AND SECTION 4.30 ADAAG RELATIVE TO IDENTIFICATION WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. PROVIDE DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE ELEMENT AT INACCESSIBLE BUILDING ENTRANCES.
4. GENERAL CONTRACTOR TO PROVIDE SIGNAGE DRAWINGS TO ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.
5. ALL FIRE EXTINGUISHER CABINETS (FEC) TO HAVE CONTINUOUS RATING (EITHER RATED CABINET OR CONTINUOUS RATED WALL BEHIND CABINET).
6. SEE ELECTRICAL DRAWINGS FOR EXIT SIGNAGE LOCATIONS, TYPICAL.

LIFE SAFETY CALCULATIONS

OCCUPANT LOAD AND EXIT WIDTH

EXIT REQUIREMENTS

SEE LIFE SAFETY PLANS ON SHEETS A-107

LEVEL	ROOM OR AREA	TYPE OF PATH	MINIMUM NUMBER OF EXITS		TRAVEL DISTANCE	ARRANGEMENT OF MEANS OF EGRESS	
			REQUIRED	SCREEN		REQUIRED	ACTUAL

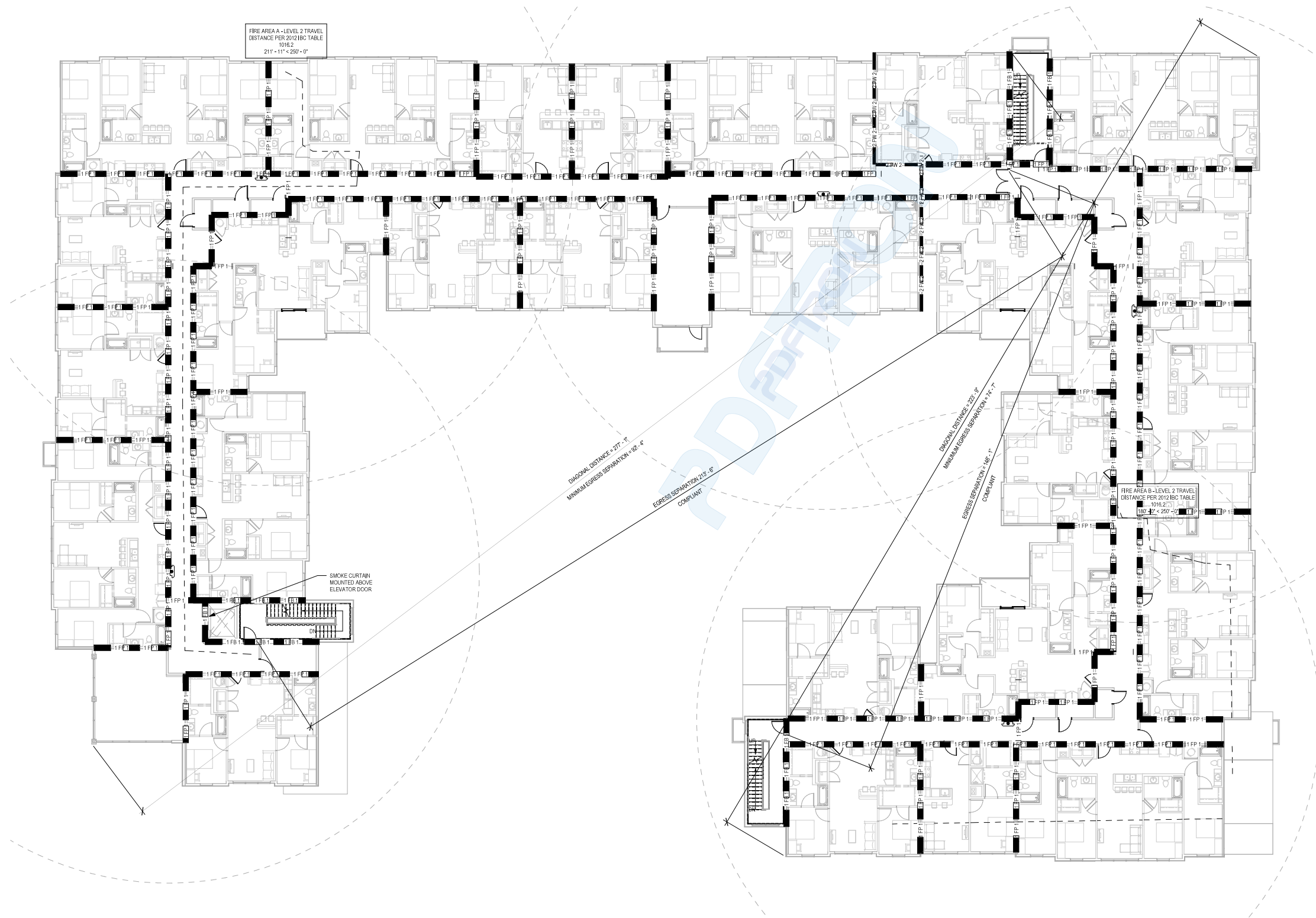
LIFE SAFETY LEGEND

SYMBOL	DESCRIPTION
●	POINT OF OCCUPATION - START OF EXIT TRAVEL DISTANCE
▲	EXIT - EXTERIOR
---	EXIT - PATH OF TRAVEL
F.E. IN SEMI-RECESSED CABINET	2-A RATED FIRE EXTINGUISHER IN SEMI-RECESSED CABINET - OPERABLE PARTS AT 48" MAX. AFF. CABINET SHALL NOT BE LOCKABLE AND SHALL NOT PROJECT GREATER THAN 4 INCHES.
F.E. IN SURFACED MOUNTED CABINET	4-A, 10B/C RATED SURFACE MOUNTED FIRE EXTINGUISHER (TYP. IN CABINET) - BOTTOM FIRE EXTINGUISHER OR CABINET AT 27" MAX. AFF. AND OPERABLE PARTS AT 48" MAX. AFF. CABINETS SHALL NOT BE LOCKABLE.
	FIRE EXTINGUISHER TRAVEL DISTANCE RADIUS 75'-0" MAX.
	EXIT LOAD: ACTUAL OCCUPANTS SERVED BY DOOR, OPENING, CORRIDOR OR STAIRWAY
	EXIT CAPACITY: TOTAL NUMBER OF OCCUPANTS ALLOWED PER WIDTH OF DOOR, OPENING, CORRIDOR OR STAIRWAY
	*EXIT CAPACITY DETERMINATION: DOORS, OPENINGS, CORRIDORS - CLEAR WIDTH DETERMINED BY 62 STAIRWAYS - CLEAR WIDTH DETERMINED BY 12
AREA, OCCUPANT LOAD, FACTOR	ROOM TAG

- NOTES:
1. PROVIDE TACTILE SIGN COMPLYING WITH ADAAG REQUIREMENTS AT ALL EXIT DOORS
 2. PROVIDE SIGNAGE INDICATING MAXIMUM OCCUPANT LOAD AT CLUB ROOM (MAX. OCC. = 54), EXERCISE ROOM (MAX. OCC. = 15) AND COURTYARD (MAX. OCC. = 164).
 3. ALL MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF AT LEAST 7'-6" ABOVE FINISHED FLOOR
 4. SEE STAIR PLANS FOR INFORMATION REGARDING ADA REQUIREMENTS

WALL CLASSIFICATION LEGEND

3 FW 3	FIRE WALL - 3 HOUR FIRE RATED
2 FW 2	FIRE WALL - 2 HOUR FIRE RATED
2 FB 2	FIRE BARRIER - 2 HOUR FIRE RATED
1 FB 1	FIRE BARRIER - 1 HOUR FIRE RATED
1 FP 1	FIRE PARTITION - 1 HOUR FIRE RATED



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LIFE SAFETY CALCULATIONS

OCCUPANT LOAD AND EXIT WIDTH

EXIT REQUIREMENTS

SEE LIFE SAFETY PLANS ON SHEETS A101

SUMMARY AND UPDATES OF EXITS		MINIMUM NUMBER OF EXITS		TRAVEL DISTANCE		ARRANGEMENT OF MEANS OF EGRESS	
LEVEL	ROOM OR AREA	REQUIRED	ACTUAL	REQUIRED	ACTUAL	REQUIRED	ACTUAL

LIFE SAFETY LEGEND

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●	POINT OF OCCUPATION - START OF EXIT TRAVEL DISTANCE
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	FIRE EXTINGUISHER TRAVEL DISTANCE RADIUS 75'-0" MAX.
	EXIT LOAD: ACTUAL OCCUPANTS SERVED BY DOOR, OPENING, CORRIDOR OR STAIRWAY
	EXIT CAPACITY: TOTAL NUMBER OF OCCUPANTS ALLOWED PER WIDTH OF DOOR, OPENING, CORRIDOR OR STAIRWAY

AREA

OCCUPANT LOAD FACTOR

EXITS REQUIRED

CORRIDOR 1

315 SF

4

2

ACCESSORY

ROOM TAG

OCCUPANCY

OCCUPANT LOAD

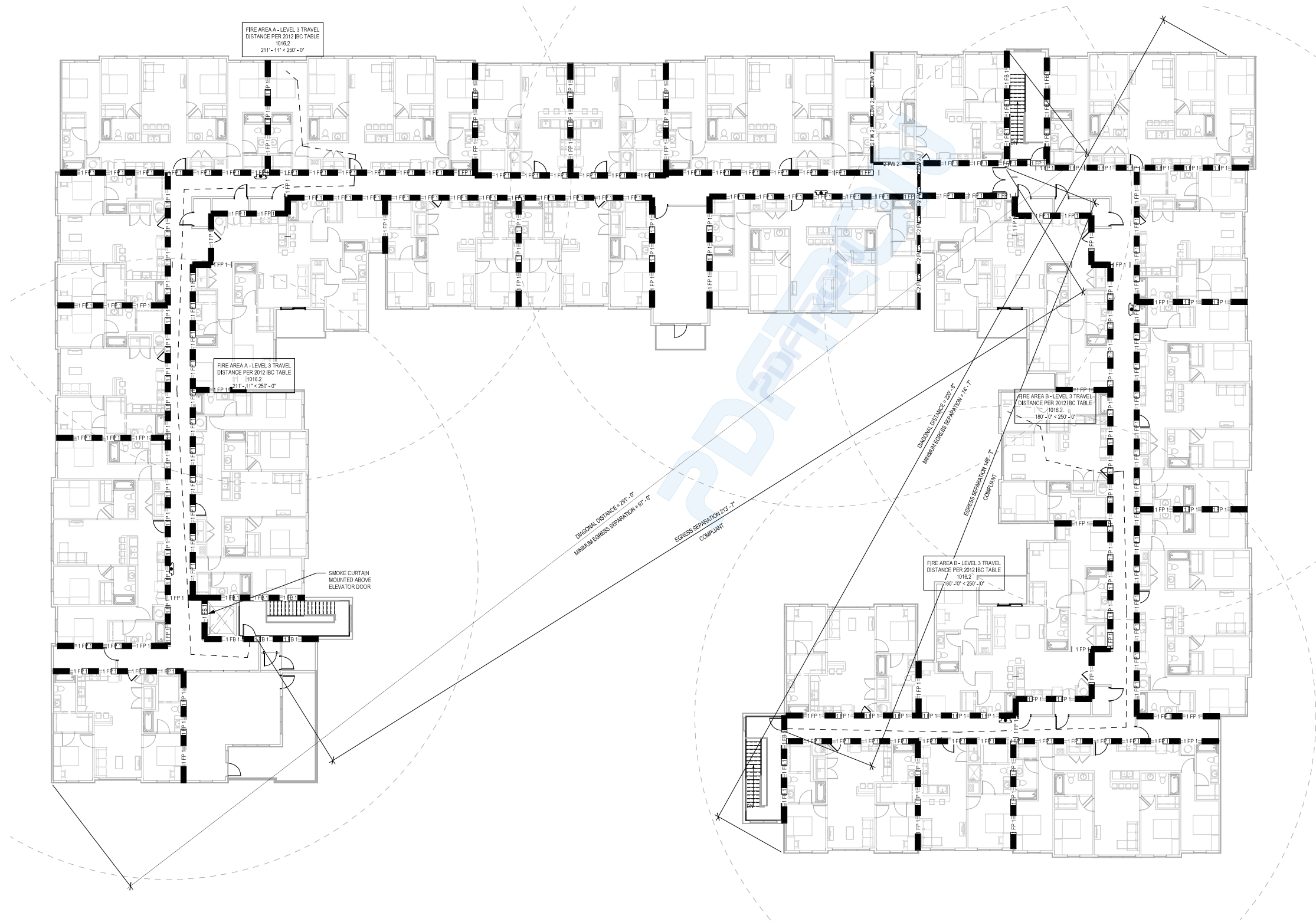
EXITS PROVIDED

ACCESSORY OR INCIDENTAL USE (CIRCULATORY SPACES AND UTILITY) BLANK INDICATES OCCUPANT PURPOSE

NOTES:
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2. PROVIDE SIGNAGE INDICATING MAXIMUM OCCUPANT LOAD AT CLUB ROOM (MAX. OCC. = 54), EXERCISE ROOM (MAX. OCC. = 119) AND COURTYARD (MAX. OCC. = 164).
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EXIT REQUIREMENTS

SEE LIFE SAFETY PLANS ON SHEETS A107

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			REQUIRED	ACTUAL	REQUIRED	REQUIRED	ACTUAL

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F.E. WITHOUT CABINET	
	FIRE EXTINGUISHER TRAVEL DISTANCE RADIUS 75'-0" MAX.
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AREA	OCCUPANT LOAD FACTOR	EXITS REQUIRED	ROOM NAME	OCCUPANCY	OCCUPANT LOAD	EXITS PROVIDED	ACCESSORY OR INCIDENTAL USE (CIRCULATION SPACES AND UTILITY PLANS INDICATES OCCUPANT PURPOSE)
CORRIDOR 1	3/15	1	ROOM 301	OFFICE	15	1	
AL-ASSEMBLY	4	2	ROOM 302	OFFICE	20	2	
ACCESSORY			ROOM 303	OFFICE	10	1	

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ISSUE DATE: 1/16/2019

REVISIONS

1/16/2019 - DESIGN DEVELOPMENT - NOT FOR CONSTRUCTION

PARK 37
PATRICK HENRY DRIVE
BLACKSBURG, VIRGINIA



1615 Canton Road, Suite 200
Chantilly, VA 20151-3000
703.988.2338

JOB NO: 180216
DRAWN: NCF
CHECKED: ML
LEVEL 3 LIFE SAFETY PLAN

A0.11