

# 91 STATE STREET

## 91 STATE STREET PORTLAND, MAINE

### NFPA CODE 101 2009

- OCCUPANCY = RESIDENTIAL-APARTMENT BUILDING
- CONSTRUCTION TYPE III(200)
- BUILDING SPRINKLED NFPA 13R
- OCCUPANT LOAD = 36 PEOPLE (7,176 sq. ft AT 200 sq. ft. PRE PERSON)
- STAIR MATERIALS SAME AS BUILDING CONSTRUCTION
- EXIT ENCLOSURE 1 HOUR RATED (SPRINKLED BUILDING)
- CORRIDORS SHALL HAVE A MINIMUM WIDTH OF 36 INCHES (LESS THAN 50 OCCUPANTS)
- AREA OF REFUGE NOT REQUIRED
- SINGLE EXIT PERMITTED - SEE ANALYSIS OF SECTION 30.2.4.4 ADJACENT
- TRAVEL DISTANCE WITHIN DWELLING UNIT < 125 ft.
- TRAVEL DISTANCE FROM UNIT TO EXIT < 200 ft.
- DEAD END CORRIDOR < 50 ft.
- COMMON PATH OF TRAVEL < 50 ft.
- EMERGENCY LIGHTING NOT REQUIRED (3 STORIES AND LESS THAN 12 UNITS)
- EXIT SIGNS NOT REQUIRED (ONLY REQUIRED IN BUILDINGS REQUIRING MORE THAN 1 EXIT)
- FIRE ALARM SYSTEM NOT REQUIRED (LESS THAN 4 STORIES & 11 UNITS)
- SMOKE ALARMS REQUIRED
- SPRINKLER SYSTEM REQUIRED TO BE SUPERVISED
- CORRIDOR WALLS SHALL HAVE A MINIMUM ½ HOUR FIRE RATING
- UNIT ENTRY DOORS SHALL HAVE A MINIMUM 1HOUR FIRE RATING
- CORRIDOR DOORS SHALL BE SELF CLOSING AND SELF LATCHING
- DWELLING UNIT SEPARATION WALLS SHALL HAVE MIN. ½ HR. RATING
- DWELLING UNIT SEPARATION FLOORS SHALL HAVE MIN. ½ HR. RATING
- SINGLE EXIT EXCEPTION
- NFPA 1 REQUIRE FIRE EXTINGUISHERS
- 2-WAY COMMUNICATION SYSTEM NOT REQUIRED (REQUIRED WHEN AREA OF REFUGE USED AS PART OF AN ACCESSIBLE MEANS OF EGRESS - NO ELEVATOR AND BUILDING IS NOT ACCESSIBLE THEREFORE THERE ARE NO ACCESSIBLE STORIES TO COMMUNICATE WITH.

### NFPA 6.1.8.1.5

7.3.1.2

30.2.2.1.2

30.2.3.4

30.2.4.4

30.2.6.2

30.2.6.3.2

30.2.5.4.2

30.2.5.3.2

30.2.9

30.2.10

30.3.4.1.1

30.3.4.5

30.3.5.1

30.3.6.1.2

30.2.2.1.2

30.3.6.2.3

30.3.7.2

30.3.7.2

30.2.4.4

7.2.12.1.1

### NFPA SECTION 30.2.4.4

A SINGLE EXIT SHALL BE PERMITTED IN BUILDINGS WHERE THE TOTAL NUMBER OF STORIES DOES NOT EXCEED FOUR, PROVIDED THAT ALL OF THE FOLLOWING CONDITIONS ARE MET:

1. THERE ARE FOUR OR FEWER DWELLING UNITS PER STORY - YES
2. THE BUILDING IS PROTECTED BY A SUPERVISED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 30.3.5 - YES
3. THE EXIT STAIRWAY DOES NOT SERVE MORE THAN ONE-HALF STORY BELOW THE LEVEL OF EXIT DISCHARGE - YES
4. THE TRAVEL DISTANCE FROM THE ENTRANCE DOOR OF ANY DWELLING UNIT TO AN EXIT DOES NOT EXCEED 35ft - YES
5. THE EXIT STAIRWAY IS COMPLETELY ENCLOSED OR SEPARATED FROM THE REST OF THE BUILDING BY BARRIERS HAVING A MINIMUM 1-hour FIRE RESISTANCE RATING - YES
6. ALL OPENINGS BETWEEN THE EXIT STAIRWAY ENCLOSURE AND THE BUILDING ARE PROTECTED WITH SELF-CLOSING DOORS ASSEMBLIES HAVING A MINIMUM 1-hour FIRE RESISTANCE RATING - YES
7. ALL CORRIDORS SERVING AS ACCESS TO EXITS HAVE A MINIMUM 1-hour FIRE RESISTANCE RATING - YES
8. HORIZONTAL AND VERTICAL SEPARATION HAVING A MINIMUM 1/2-hour FIRE RESISTANCE RATING IS PROVIDED BETWEEN DWELLING UNITS - YES

### DRAWING LIST

RECORDING PLAT  
A0.01 SITE PLAN  
A0.10 EXISTING FLOOR PLANS  
A0.20 DEMO FLOOR PLANS  
A1.00 PROPOSED FLOOR PLANS  
A2.00 DETAILS

### INTERNATIONAL BUILDING CODE 2009

#### IEBC 2009

- OCCUPANCY R-2 (RESIDENTIAL)
- CONSTRUCTION TYPE 3IBC 2009
- CHAPTER 11 HISTORIC BUILDINGS. BUILDING IS HISTORIC IN A HISTORIC DISTRICT
- EXISTING STAIRS AND RAILINGS ACCEPTED
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- 3 STORY STAIR SHAFT ONE HOUR 708.4IBC 2009. NOTE EXISTING PLASTER WALLS EQUIVALENT RATING
- OCCUPANCY SEPARATION 2009 IBC 709.3 1 HOUR FIRE RATING BETWEEN UNITS
- SINGLE MEANS OF EXIT TABLE 1021.2 IBC 2009 ONE EXIT WITH BUILDING SPRINKLED AND EGRESS WINDOWS
- SMOKE DETECTORS REQUIRED
- FIRE BLOCKING PER IBC 717.2

1103.9 IEBC 2003

1105.11 IEBC 2003

907.2.10.2

#### OWNER:

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#### ARCHITECT:

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