

Fire Department Requirements

Next Level Church
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Re: 1053 Forest Ave, Portland, Maine.

Use and occupancy classification

The use is A-3.

Square footage of proposed structure

The total area is 5,558 square feet. Entire area is 1 story.

Existing and proposed fire protection

Building has existing fire alarm system which will be maintained.

Suppression and detection

Sprinklers, suppression, and other advanced detection systems are not required due to estimate occupancy load being well below 300 people. Standard extinguishers, lighted exit signs, and other basic detection systems will be used.

Life safety plan

- a) All means of egress will be fire rated 1 hour, as required per table 1018.1.
- b) Per table 1016.1 of the IBC, the travel distance from the most remote point to exist discharge must be less than 200 feet. In this building, the most remote point is actually less than 100 feet.
- c) Fire extinguishers will be located no more than 75 feet from any point in the building, meaning 3 extinguishers will be required, 1 near each egress door and 1 within the main assembly area. (see attached)
- d) Emergency lighting will be present in every room adequate to clearly exit the room and building.
- e) Exit signs will be located at every exit door, at the intersection of corridors, and at such other locations and intervals as are necessary to provide the occupants with knowledge of the various means of egress available with directional arrows pointed appropriately. (see attached)
- f) According to NFPA 101, the floors and other walking surfaces within an exit and within portions of the exit access and exit discharge shall be illuminated to values of at least 1

footcandle measured at the floor.

Elevators

No elevators will be used in this building.