



SHREMSHOCK ARCHITECTS, INC.

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May 2, 2007

University Credit Union
1071 Brighton Avenue
Portland, Maine 04102

SAI #07239

NFPA Code Synopsis

Scope of work: One-story, commercial bank building with three lane remote drive-up canopy. The building construction type is V-B which is non-protected. The building does not have a fire suppression system.

38.1.4 - Classification of Occupancy (Ref. 6.1.11)

Bank classifies as a business use.

38.1.7 – Occupant Load

This building has an interior enclosed area of 3,475 SF. Based upon Table 7.3.1.2, Business Use buildings require 100 GSF of area per person. The occupant load is 35 people.

38.2.2.2 – Doors

38.2.2.2.1 (Ref. 7.2.1) – All egress doors are a minimum 36” wide and thresholds 1/2” or less in height. All egress doors swing in the direction of exiting.

38.2.2.2.2 (Ref. 7.2.1.5.4) – The egress doors are being provided with panic hardware to allow for unhindered egress at all times.

38.2.3 – Capacity of Means of Egress (Ref. 7.3)

Since the building has an occupancy load of less than 50 people, the egress width is equal to the minimum width of the egress components, which are the doors at 36”.

38.2.4 – Number of Exits (Ref. 7.4)

The minimum number of exits are provided, which is two. Both are accessible from every point in the building.

38.2.5 – Arrangement of Means of Egress (Ref. 7.5)

38.2.5.2.2 – Dead end corridors shall not exceed 11’-8” in length.

38.2.5.3.3 – Common path of travel shall not exceed 75’-0” in length.

38.2.6 – Travel Distance to Exits (Ref. 7.6)

38.2.6.2 – Travel distance shall not exceed 200'-0" in length.

38.2.7 – Discharge from Exits (Ref. 7.7)

The building occupants exit directly to the public way.

38.2.8 – Illumination of Means of Egress (Ref. 7.8)

Illumination of the egress path shall be continuous. The illumination is supplemented by the use of emergency lights that are automatic in their response in the event of a power outage.

38.2.9 – Emergency Lighting (Ref. 7.9)

Emergency lights are located at appropriate points to adequately illuminate the entire path of egress.

38.2.10 – Marking of Means of Egress (Ref. 7.10)

Exit signs are located at all egress doors and egress points of decision to assist the occupants in exiting the building.

38.3.3 – Interior Finish (Ref. 10.2)

All interior room finishes shall be minimum Class C.

38.3.4 – Detection, Alarm, and Communications Systems

A fire alarm system is not required per the exceptions listed in this section.

38.3.5 – Extinguishment Requirements

Two portable fire extinguishers not to be less than Class 2A or Class 2A:10BC are provided for at opposite ends of the building from each other.



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STATEMENT OF SPECIAL INSPECTIONS

Project: University Credit Union
1071 Brighton Avenue
Portland, ME 04102

The Owner shall employ one or more special inspectors to provide special inspections during construction. Special inspections, including the qualifications and responsibilities of the special inspectors, shall comply with chapter 17 of the 2003 International Building Code. The following types of work require special inspections:

1. Soils
2. Concrete construction
3. Structural steel fabrication and construction
4. Field welding
5. High strength bolt installation
6. Wood construction
7. Exterior Insulation and Finish System (EIFS) installation