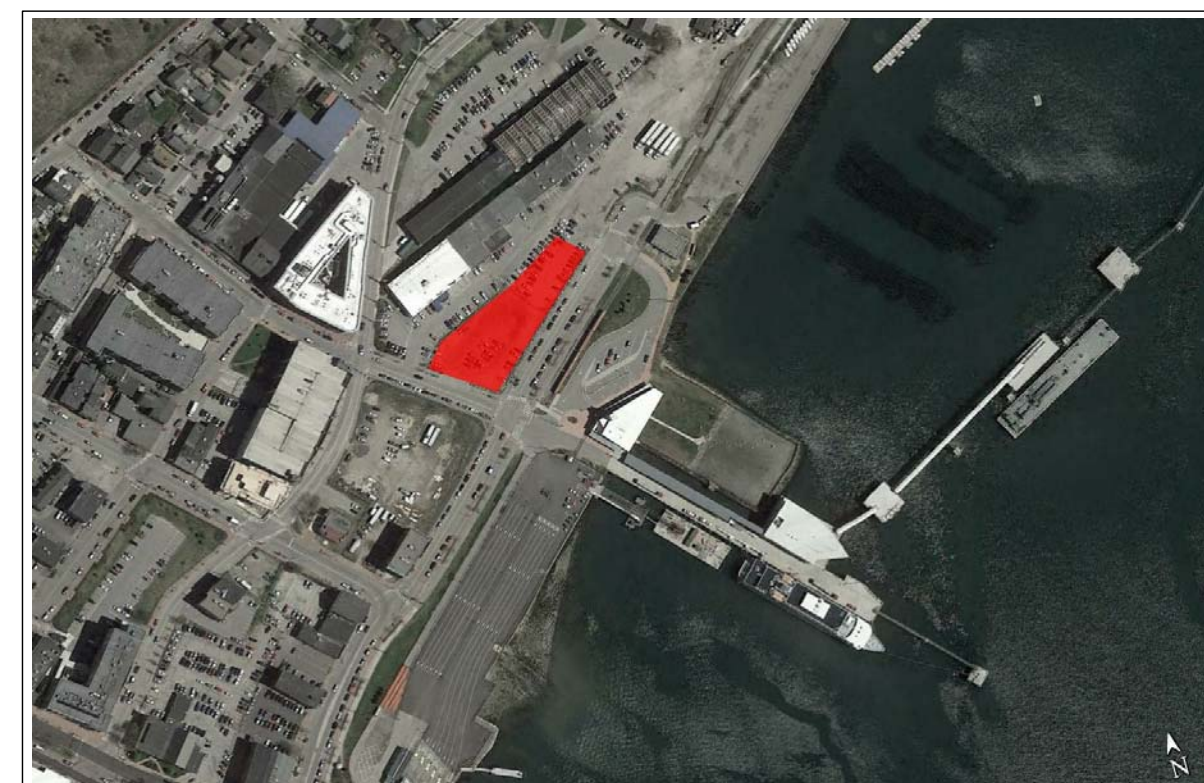


# 0 Hancock Street

0 Hancock Street  
Portland, Maine



LOCATION MAP NOT TO SCALE

## RELEVANT CODES

NFPA 101 - 2009

The proposed building is an unseparated mixed use  
Construction type II(111) based on 4th floor assembly  
NFPA 13 sprinkler system

**1st Floor**  
Business and potential Mercantile use  
**2nd-3rd Floor**  
Business Use  
**4th Floor (interior)**  
Business Use  
**4th Floor (exterior)**  
Assembly Use

**Occupancy Load**

**1st Floor**  
(largest potential occupant load is from retail use)  
20,624 SF / 100 SF/person = 207  
10,000 SF / 30 SF/person = 334

**2nd-3rd Floor**  
30,353 SF / 100 SF/person = 314

**4th Floor (interior)**  
9,336 SF / 100 SF/person = 94

**4th Floor (exterior)**  
Max Occupant Load is limited to exit capacity

**Capacity of Means of Egress Floors 1 thru 3**

Function of	Location	Floor Area	Occupants	Req'd Width	Prov. Width
Business	1st Floor	20,624 sf	207 x .2"	41.4" (doors)	100.5"(doors)
Mercantile	1st Floor	10,000 sf	334 x .2"	66.8" (doors)	136"(doors)
Business	Floors 2 & 3	31,353 sf	314 x .3"	94.1" (stairs)	180"(stairs)
			314 x .2"	62.8" (doors)	100.5"(doors)

**Limiting Capacity of Means of Egress on 4th Floor**

Capacity of each stair at 4th floor is  $146.7 + [(60'-44')/0.218] = 219 \times 3 \text{ stairs} = 657$

Capacity of each stair door at 4th floor is  $40.5' / .2 = 202.5 \times 3 \text{ stairs} = 607$

Limitation of door width determines max occupant load

T12.1.6

**New Business Occupancy Chapter 38**

Ordinary Hazard  
Construction requirements based on assembly  
Occupant load per 7.3.1.2

Doors per 7.2.1 permitted  
Locks per 7.2.1.5.4 permitted  
Area of refuge not required w/sprinkler  
Number of Exits based on assembly

**Arrangement of Means of Egress**

Exits at 1/3 the building diagonal  
Common Path = 100' w/sprinkler  
Travel Distance = 300' w/sprinkler  
Emergency lighting is required

**Protection**

Vertical Openings = 2 hours

**Interior Finish**

Exits - Class A or B  
Interior walls and ceilings - Class A, B or C  
Floor Finish in exits - Class 1 or 2

**Detecton, Alarm and Communications Systems**

Fire Alarm System is required  
Alarm system initiated by sprinkler  
Occupant notification alarm is required. Positive alarm sequence shall be permitted provided that it is in accordance with NFPA 72

38.1.5,

.16

.17

2.2.2.1,

2.2.2.2

2.2.12.2

2.4.1

7.5.1.3.3

2.5.3.1

2.6.3

38.2.9.1

38.3.1.1, 8.6.5

3.3.2.1

3.3.2.2

3.3.3.2

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7.5.1.3.3

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2.6.3

38.2.9.1

38.3.1.1, 8.6.5

3.3.2.1

3.3.2.2

3.3.3.2

## DRAWING LIST

GENERAL

AC0.0 Cover Sheet  
AC01 Code Summary  
LS1.1 Life Safety Plan  
LS1.2 Life Safety Plan

ARCHITECTURAL DRAWINGS

A3.02 Building Section  
A3.04 Building Section  
CIVIL  
C1.0 Cover Sheet  
C1.1 General Notes and Legends  
C2.0 Boundary and Topographic Survey  
C2.1 Existing Condition and Demolition Plan  
C2.2 Construction Management Plan  
C3.0 Site Layout Plan  
C4.0 Grading and Drainage Plan  
C4.2 Utility Plan  
LS.1 Landscape Plan

STRUCTURAL

S1.02 Second Floor Framing Plan  
S1.03 Third Floor Framing Plan  
S1.04 Fourth Floor Framing Plan  
S1.05 Roof Framing Plan  
S1.06 High Roof Framing Plan  
S2.01 General Notes and Typical Details  
S2.02 Typical Details  
S2.03 Typical Masonry Details  
S2.04 Typical Details  
S2.05 Typical Details  
S2.06 Typical Details  
S3.01 Column Schedule and Pier Details  
S3.02 Brace Frames and Details  
S4.01 Foundation Sections and Details  
S5.01 Steel Sections and Details

ARCHITECTURAL DRAWINGS

A1.01 First Floor Plan  
A1.02 Second and Third Floor  
A1.03 Fourth Floor Plan  
A1.04 Roof Plan  
A2.01 Building Elevations  
A2.02 Building Elevations  
A3.01 Building Section  
A3.03 Building Section  
A3.11 Elevator Section and Details  
A3.12 Stair A Sections and Details  
A3.13 Stair B Sections and Details  
A3.14 Stair C Sections and Details  
A3.21 Wall Sections  
A4.00 Wall Types  
A4.01 Floor, Ceiling, Roof Types  
A5.01 Details  
A5.02 Details  
A5.03 Details  
A5.04 Details  
A5.05 Details  
A8.01 Door Schedule

THIS PERMIT IS FOR CORE AND SHELL ONLY.  
WE WILL NOT BE REQUESTING A C OF O.  
ALL INTERIOR FIT-UPS, ELECTRICAL, PLUMBING  
AND MECHANICAL WILL BE FILED UNDER A  
SEPARATE PERMIT APPLICATION.