GENERAL NOTE:

1. ALL WALLS/DOORS/WINDOWS SHOWN HASHED TO BE DEMOLISHED IN THEIR ENTIRETY.
2. ALL EXISTING CHIMNEYS TO BE DEMOLISHED IN THEIR ENTIRETY.
3. BACK STAIR ST01 TO REMAIN. EXISTING TREADS: 11" EXISTING RISERS: 8". WIDTH: 36" ALL MEET EGRESS REQUIREMENTS PER NFPA TABLE 7.2.2.2.1.1 (b)
4. FRONT STAIR ST02 TO BE DEMOLISHED IN ITS ENTIRETY AND REBUILT TO MEET ALL CODE REQUIREMENTS PER NFPA 7.2.2.2.1.1 (a) NEW STAIRS.
5. ALL EXTERIOR WALLS TO REMAIN.
6. EXISTING ROOF TO REMAIN.
7. EXISTING WINDOWS TO REMAIN U.N.O.

1 BASEMENT LEVEL EXISTING FLOOR PLAN/DEMO PLAN
1/4" = 1'-0"

NFPA REVIEW:

1. PER NFPA 1: 6.1.8.1.4- OCCUPANCY CLASSIFICATION: 311 S-1
2. EXISTING FIRE ALARM SYSTEM TO BE UPDATED AND REWORKED TO MEET ALL NFPA 72 (2007) REQUIREMENTS THROUGHOUT WHOLE BUILDING.
3. NEW SPRINKLER SYSTEM TO BE INSTALLED THROUGHOUT WHOLE BUILDING, TO MEET NFPA 13 (2016) REQUIREMENTS.
4. PORTABLE FIRE EXTINGUISHERS TO BE LOCATED THROUGHOUT BUILDING PER NFPA 10 (2007) REQUIREMENTS.
5. INSTALL EXIST SIGNS ABOVE ALL EXTERIOR DOORS AND CORRESPONDING SIGNAGE IN HALLWAYS.
6. INSTALL EMERGENCY LIGHTING AT ALL HALLWAYS, AND EXIT AREAS PER NFPA.
7. FIRE SEPARATION BETWEEN FIRST AND SECOND FLOOR AT FIRST FLOOR CEILING.
8. STAIRWAYS TO BE ENCLOSED IN 2 HOUR FIRE SEPARATION
9. HALLWAYS TO BE ENCLOSED IN 1 HOUR FIRE RATED SEPARATION.

1 BASEMENT LEVEL LIFE SAFETY PLAN
1/4" = 1'-0"

CODE SUMMARY

APPLICABLE CODES:
INTERNATIONAL BUILDING CODE 2009 EDITION
NFPA 101 2009 EDITION

OCCUPANCY CLASSIFICATION:
(IBC SEC 303,310,311)

ASSEMBLY
RESIDENTIAL R-1
MECHANICAL

AUTOMATIC SPRINKLER SYSTEM:
(NFPA 13)
BUILDING PROVIDED WITH AUTOMATIC SPRINKLER SYSTEM THROUGHOUT

GENERAL BUILDING INFORMATION:

BASIC BUILDING INFORMATION:

TOTAL EXISTING BUILDING AREA = 1,208 SF
EXISTING BUILDING PERIMETER = 172'-10" FT

REQUIRED OCCUPANCY SEPARATIONS:
(IBC TABLE 508.4)
A TO R-2 = 1 HOUR

OCCUPANCY LOAD:
(IBC TABLE 1004.1.1.NFPA)

ASSEMBLY A - 15 SF NET/OCC
DORMITORIES - 50 SF GROSS/OCC
MECHANICAL - 300 SF/OCC

MEANS OF EGRESS:
(IBC CHAPTER 10)

EGRESS WIDTH PER OCCUPANT:
(IBC 1005.1)

0.3 INCHES PER OCCUPANT FOR STAIRWAYS
0.2 INCHES FOR OTHER EGRESS COMPONENTS

STAIRWAY WIDTH:

0.3 INCHES PER OCCUPANT FOR STAIRWAYS
44" MIN
0.2 INCHES FOR OTHER EGRESS COMPONENTS
MAX 52 OCC AT .3 INCH PER = 15.6 INCH

EXIST ACCESS:

COMMON PATH OF EGRESS TRAVEL:
(IBC 1014.3, IBC 1028.8)
FOR ASSEMBLY <30'

CORRIDOR FIRE RESISTANCE:
(IBC 1018.1)
1 HOUR

CORRIDOR WIDTH
(IBC1018.2)
NOT LESS THAN 44"

DEAD-END CORRIDOR
(IBC 1018.24)
DEAD END CORRIDORS IN AREA OF WORK <20'

PLUMBING FIXTURE COUNT:
2015 UPC TABLE 422.1
1PER SLEEPING UNIT PROVIDED
1@ACCESSORY OCCUPANCY TO PRIMARY DORMITORY PROVIDED

OCCUPANCY CALCULATIONS AND REVIEW:

1. PER IBC 2009- OCCUPANCY CLASSIFICATION: (303 A, 310.4 R-2, 311 S-1)

+/- 1,150 SF (AREA)/300 SF NET (PP OCC S-1)
=3 PEOPLE

TOTAL OCCUPANT LOAD BASEMENT FLOOR= 3 PEOPLE

Reviewed for Code Compliance
Inspections Division
Portland, Maine

Date: 08/31/17

LICENSED ARCHITECT
Matthew Ahlberg
4401
STATE OF MAINE

REVISIONS:

DRAWING TITLE:
A.000

33 HAMPSHIRE STREET
DEMO+LIFE SAFETY PLANS

PROJECT NAME:
RENOVATIONS AND ALTERATIONS
33 HAMPSHIRE STREET
PORTLAND, MAINE 04101

DATE OF ISSUE:
AUGUST 31, 2017

ISSUED FOR:
PERMIT SET

SCALE:
1/4 "= 1'-0"

BARRETT MADE
HOMES · SPACES · DETAILS

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