



1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

BUSINESS USE
100 SF PER OCCUPANT

STORAGE USE OTHER THAN MERCANTILE

ASSEMBLY USE OCCUPANT LOAD
TABLE 7.3.1.2 WITHOUT FIXED SEATING
15 NET SF PER OCCUPANT
967 SF / 15 = 65 OCCUPANTS

BUSINESS USE OCCUPANT LOAD
TABLE 7.3.1.2 100 SF PER OCCUPANT
688 SF / 100 = 7 OCCUPANTS

ASSEMBLY USE OCCUPANT LOAD
TABLE 7.3.1.2 WITHOUT FIXED SEATING, LESS CONCENTRATED
15 NET SF PER OCCUPANT
3,186 SF / 15 = 213 OCCUPANTS

CODE SUMMARY

LIST OF APPLICABLE CODES

- 2009 International Building Code (IBC)
- 2009 International Existing Building Code (IEBC)
- 2009 International Energy Conservation Code (IECC)
- 2007 ASHRAE 62.1 (Ventilation for Acceptable Indoor Air Quality)
- 2007 ASHRAE90.1 - (Energy Standard for Buildings except Low-Rise Residential Buildings) w/o addenda.
- E-1465-2006, Standard Practice for Radon Control
- Maine State Internal Plumbing Code based on the 2009 Uniform Plumbing Code
- State of Maine Subsurface Wastewater Disposal Rules dated: Jan 18, 2011
- 2011 National Electrical Code (NEC)

Fire/Life Safety

- NFPA Life Safety Code as adopted by the State of Maine. Including but not limited to:
 - 2009 NFPA 101: Life Safety Code
 - 2007 NFPA 13: Installation of Sprinkler Systems, [2010 Edition through Equivalency]
- Accessibility
- 2010 ADA Standards for Accessible Design

NOTE: All Codes shall include changes/amendments by the State of Maine

NEW CONSTRUCTION: 4,921 SF
EXISTING BUILDING: RENOVATED SPACE: 3,392 SF
OUT OF SCOPE OF WORK: 5,023 SF

| BUILDING USE | NFPA 2009 | IBC 2009 |
|---|--|---|
| 1. BUILDING CLASSIFICATION BY OCCUPANCY | MIXED OCCUPANCY 6.1.14.2.2 ASSEMBLY/BUSINESS | OCCUPANCY CLASSIFICATION ASSEMBLY, A-3, 303.1 |
| 2. CONSTRUCTION TYPE | | UNDER ONE STORY IN HEIGHT SPRINKLERED PER NFPA 13 TYPE IIA |
| 3. OCCUPANCY LOAD | TABLE 7.3.1.2 ASSEMBLY SPACE WITHOUT FIXED SEATING, LESS CONCENTRATED 15 NET SF. PER OCCUPANT | TABLE 1004.1.1 TERMINAL WAITING AREA 15 SF PER OCCUPANT |
| 4. OCCUPANT CALCULATIONS | NEW 4,921 SF 4,921 SF / 15 = 328 OCCUPANTS | NEW 4,921 SF 4,921 SF / 15 = 328 OCCUPANTS |
| 5. UNIT OF EXIT WIDTH | TABLE 7.3.3.1 OCCUPANTS 328 X 0.2' = 65.6' 468" PROVIDED | TABLE 1005.1 OCCUPANTS 328 X 0.15' = 49.2' 468" PROVIDED |

GENERAL NOTES:
1. USE CLASSIFICATIONS INDICATED ABOVE ARE PROVIDED TO ILLUSTRATE OCCUPANT LOAD CALCULATION ONLY.

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PROJECT NAME:
CASCO BAY FERRY TERMINAL
RENOVATIONS & ADDITIONS
56 COMMERCIAL STREET
PORTLAND, MAINE 04101

FEDERAL PROJECT NO. FBD-1836 (300) X
STATE WIN NO. 18363.10

SEAL:
SCOTT R. SIMONS
NO. 2024
STATE OF MAINE

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LIFE SAFETY PLAN

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