

December 5, 2008

54-C-5

2006 NFPA/ IBC CODE REVIEW

Re: BEH Housing
32 Ellsworth St
Portland, Maine

OCCUPANCY: R-2, Existing 3 Unit Apartment Building-
Option 2 protected by an existing complete
automatic fire detection and notification
system.

HEIGHT: 3 Story

CONSTRUCTION TYPE: 5B

FIRE RATING: Tenant Separations 1 Hour
Exit Access Corridors 1 Hour
Chase Spaces 1 Hour blocking/floor

EXIT WIDTH 36" total

EXISTING STAIRS 8" R, 9" T, 6'-8" headroom, 36" width,
winders min 6" width 12" from narrowest
point- all existing = 8, 9 or 10", guard 30"

NEW STAIR 2ND TO 3RD REAR 8" R, 9" T, 6'-8" headroom, 36" width,
Replacement can not meet new stair
requirements due to existing space and
construction limitations.

TRAVEL DISTANCE TO EXITS Option 2- 125'max

WALL AND CEILING FINISH Class B- Option 2

EGRESS FLOOR FINISH Class II- Option 2

HAZARDOUS AREA PROTECTION Boiler- sprinklered with residential head

SPRINKLER PROTECTION WAIVER All other requirements are met