

BUILDING EVALUATION SUMMARY (Table 3408.7)

Existing use group \_\_\_\_\_ Proposed use group \_\_\_\_\_ Height in feet \_\_\_\_\_  
 Year building was constructed \_\_\_\_\_ Number of stories \_\_\_\_\_  
 Type of construction \_\_\_\_\_ Area per floor \_\_\_\_\_  
 Percentage of open perimeter \_\_\_\_\_ %  
 Completely suppressed: Yes \_\_\_\_\_ No \_\_\_\_\_  
 Compartmentation: Yes \_\_\_\_\_ No \_\_\_\_\_  
 Fire resistance rating of vertical opening enclosures: Yes \_\_\_\_\_ No \_\_\_\_\_  
 Type of HVAC system \_\_\_\_\_ serving number of floors \_\_\_\_\_  
 Automatic fire detection: Yes \_\_\_\_\_ No \_\_\_\_\_ type and location \_\_\_\_\_  
 Fire alarm system: Yes \_\_\_\_\_ No \_\_\_\_\_ type \_\_\_\_\_  
 Smoke control: Yes \_\_\_\_\_ No \_\_\_\_\_ type \_\_\_\_\_  
 Adequate exit routes: Yes \_\_\_\_\_ No \_\_\_\_\_ Dead ends: Yes \_\_\_\_\_ No \_\_\_\_\_  
 Maximum exit access travel distance \_\_\_\_\_ Elevator controls: Yes \_\_\_\_\_ No \_\_\_\_\_  
 Means of egress emergency lighting: Yes \_\_\_\_\_ No \_\_\_\_\_ Mixed use groups: Yes \_\_\_\_\_ No \_\_\_\_\_

Safety parameters: Fire safety (FS) \_\_\_\_\_ Means of egress (ME) \_\_\_\_\_ General safety (GS) \_\_\_\_\_

3408.6.1 Building height	****	
3408.6.2 Building area	****	
3408.6.3 Compartmentation	****	
3408.6.4 Tenant and dwelling unit separations	****	
3408.6.5 Corridor walls	****	
3408.6.6 Vertical openings	****	
3408.6.7 HVAC systems	****	
3408.6.8 Automatic fire detection	****	
3408.6.9 Fire alarm system	****	
3408.6.10 Smoke control	****	
3408.6.11 Means of egress	****	
3408.6.12 Dead ends	****	
3408.6.13 Max. exit access travel distance	****	
3408.6.14 Elevator control	****	
3408.6.15 Means of egress emergency lighting	*	
3408.6.16 Mixed use groups	****	
3408.6.17 Sprinklers	- 2 =	
3408.6.18 Specific occupancy area protection		
Building score — total value		

\*\*\*\* No applicable value to be inserted.

BUILDING SAFETY EVALUATION SCORE (Table 3408.9)

Formula	Table 3408.7	Table 3408.8	Score	Pass	Fail
FS-MFS ≥ 0	(FS)	(MFS)	=		
ME-MME ≥ 0	(ME)	(MME)	=		
GS-MGS ≥ 0	(GS)	(MGS)	=		

FS = Fire Safety  
 ME = Means of Egress  
 GS = General Safety  
 MFS = Mandatory Fire Safety  
 MME = Mandatory Means of Egress  
 MGS = Mandatory General Safety

**BOCA®**  
**NATIONAL BUILDING CODE/1999**  
**PLAN REVIEW RECORD**

Valuation: To Be Determined Plan Review # 040331  
 Date: 04/15/04

JURISDICTION PORTLAND, MAINE  
 (City, County, Township, etc.)

BUILDING LOCATION 85 CENTRAL AVE PEASSE DS.  
 (Street address)

BUILDING DESCRIPTION 12388 SQ. FT. 12-RESIDENTIAL UNITS + ATTACH. BUILDING - WOOD FRAME.

REVIEWED BY Chad C. Cunniff

NUMERALS indicated in parenthesis are applicable code sections of the 1999 BOCA National Building Code. The plan review accomplished as indicated in this record is limited to those code sections specifically identified herein. This record references commonly applicable code sections. It does not reference all code provisions which may be applicable to specific buildings. This record is designed to be used only by those who are knowledgeable and capable of exercising competent judgement in evaluating construction documents for code compliance.

CORRECTION LIST

No.	DESCRIPTION
1	NEED GEOTECHNICAL REPORT (1804)
2	USE GROUPS - MIXED USE? SEPARATED OR NON SEPARATED?
3	ON PAGE 201-12 (1st BEARING WALL) FIRE SOUND RATING? (WALL & PARTIAL) (201-12) APARTMENT DOORS TO 117
4	CLIMBER ROOM AN OFFICE WINDOWS RATED



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# OCCUPANT NEEDS (Chapters 10, 11, 12)

## MEANS OF EGRESS (Chapter 10)

OCCUPANT LOAD (1008.0 and Table 1008.1.2)

CAPACITY OF EGRESS COMPONENTS (1009.0 and Table 1009.2)

Location	Floor Area	Sq. ft./ person = load	Occt. load	Other occt. loads	Total
RES. AREA	10,715	54 ÷ 200			54
HEALTH CENTER	1673	100 ÷			17

Egress width (inch/occupant)

Stairways NONE 36"

Doors/ramps/corridors

OPAQUITY

Location Stairways Doors/ramps corridors

RES NONE 4 Doors 36"  
HEALTH CENTER NONE 2-36" Doors

ATRIUMS

Automatic sprinkler system (404.2)

Occupancy (404.3)

Smoke control (404.4)

Enclosure (404.5)

Fire alarm system (404.6)

Travel distance (404.7)

OTHER SPECIAL USE AND OCCUPANCY

Underground structures (405.0)

Open parking structures (406.0)

Private garages (407.0)

Public garages (408.0)  
Use Group I-2 (409.0)  
Use Group X-3 (410.0)  
Stages and platforms (412.0)  
Special amusement buildings (413.0)  
HPM facilities (416.0)  
Hazardous materials (307.8, 417.0)  
Use Groups H-1, H-2, H-3 and H-4 (418.0)  
Swimming pools (421.0)  
Storage racks (422.0)

## FIRE PROTECTION (Chapters 6, 7, 8, 9)

### FIRERESISTANT MATERIALS AND CONSTRUCTION (Chapter 7 and Table 602)

Note: Entry in  indicates required rating in hours. NC indicates noncombustible construction required.

COMBUSTIBILITY (603.0, 604.0, 605.0, 606.0)

Exterior walls

Interior elements

Roof

CONSTRUCTION DOCUMENTS (703.0)

Fire tests (704.0)

EXTERIOR WALLS (507.2, 705.0, 716.6)

North East South West

Fire separation distance

Loadbearing

Nonloadbearing

920 STATION ALL OK EXCEPT EAST  
259 ACCURATE  
Exterior opening protectives (705.3, 706.0)

Continuity of exterior walls (705.6)

FIRE SEPARATION ASSEMBLIES

Exit enclosures (709.0, 710.0, 1014.1)

Other shafts (709.0, 710.0)

Mixed use and fire area separations (313.1.2)

Other separation assemblies (302.1.1, Table 602)

FIRE PARTITIONS

Exit access corridors (711.0, 1011.4)  
Tenant separations (711.0)  
Dwelling unit separations (711.0)  
Guestroom separations (711.0)

OTHER FIRERESISTANT CONSTRUCTION

Fire and party walls (707.0 and Table 707.1)

Smoke barriers (712.0)

Nonloadbearing partitions (Table 602)

Interior loadbearing walls, columns, girders, trusses (716.0)

Supporting construction (716.0)

Floor construction (713.0, 1006.3.1)

Roof construction (713.0, 715.0)

Penetrations (714.0)  NOT ADDRESS

Opening protectives (717.0, 719.0, 720.0)

Fire dampers (718.0)  NEED

Fireblocking/draftstopping (721.0)  NEED