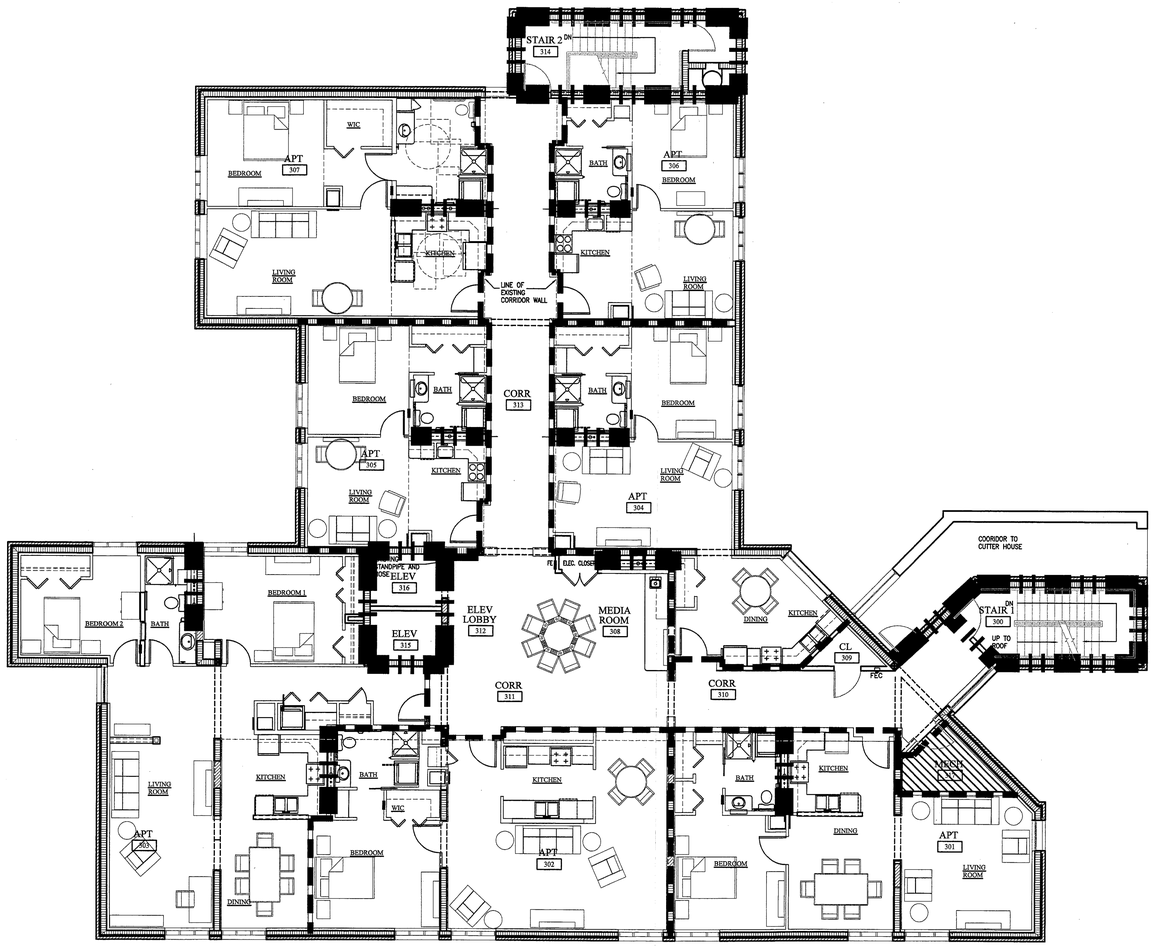

F1 FOURTH FLOOR CODE REVIEW PLAN

1/8"=1'-0"

LEGEND :

- 2 HOUR RATED FIRE WALLS
- 1 HOUR RATED FIRE WALLS- EXIT CORRIDORS
- 1 HOUR RATED ROOM ENCLOSURE
- AREA ENCLOSED BY 1/2 HOUR SMOKE PARTITIONS

H8 LEGEND

1/16"=1'-0"

2003 NFPA CODE DATA

TABLE 7.3.1.2. OCCUPANT LOAD	1 PER 200 GROSS (SLEEPING AREAS) = 7705SF/200= 39 OCCUPANTS
USE GROUP CLASSIFICATION - THIRD FLOOR	NEW APARTMENT BUILDING-CH. 30
TYPE OF CONSTRUCTION - FOURTH FLOOR	TYPE II (2,2,2,)- PROTECTED
ACTUAL BUILDING AREA	7377 SF 1ST FL., 7953 SF 2ND FL, 7705 SF 3RD FL, 7287 SF 4TH FL. TOTAL SF = 30,570 SF
BUILDING HEIGHT	+/- 52' (EXISTING)
FIRE SUPPRESSION: TABLE A.31.1	**TOTAL BUILDING AUTOMATIC NFPA 13**
TRAVEL DIST FROM APT DOOR TO EXIT	200 FT
TRAVEL WITHIN APARTMENT	125 FT
COMMON PATH OF TRAVEL	50 FT
MAX DEAD END	50 FT
CORRIDOR FIRE RESISTANCE	
WALLS	1/2 HOUR
DOORS	SMOKE RESISTING
OCCUPANCY SEPERATION	
FLOOR CEILING SEPERATION BETWEEN EXISTING AMBULATORY CARE AND NEW APARTMENT BUILDING	2 HOUR
INTERIOR FINISH	
EXIT ENCLOSURES	CLASS A
LOBBIES AND CORRIDORS	CLASS A,B, OR C
OTHER SPACES	CLASS A,B, OR C
VERTICLE SHAFTS	
8.6.5 FIRE RESISTANCE RATING OF VERTICAL SHAFTS ENCLOSING 4 OR MORE STORIES	2 HOURS
EXIT ENCLOSURE	
EXIT WALL FIRE RESISTANCE	1 HR
EXIT FIRE RESISTANCE	1 HR
DOOR FIRE RESISTANCE	1 HR
WITHIN LIVING UNIT (APARTMENT)	
ESCAPE WINDOWS	NR
ALARM SYSTEM	
>2 STORIES OR >50 UNITS	ANNUNCIATOR PANEL
GENERAL NOTES	1. ALL PENETRATIONS OF SMOKE BARRIERS, PARTITIONS, FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH PROPER APPROVED MATERIALS
	2. ALL WORK SHALL CONFORM TO LOCAL AND STATE CODES, ORDINANCES, AND REQUIREMENTS, ACCESSIBILITY PER A.D.A.A.G.

2003 IBC CODE DATA

OCCUPANT LOAD (TABLE 1004.1.2)	1 PER 200 GROSS (SLEEPING AREAS) = 7705 SF/200= 39 OCCUPANTS
USE GROUP CLASSIFICATION - FIRST AND SECOND FLOOR THIRD FLOOR (UNDER THIS CONTRACT) FOURTH FLOOR	I-1 R-2
TYPE OF CONSTRUCTION - FIRST, SECOND, THIRD AND FOURTH FLOORS	TYPE II A
ACTUAL BUILDING AREA	7377 SF 1ST FL., 7953 SF 2ND FL, 7705 SF 3RD FL, 7287 SF 4TH FL. TOTAL SF = 30,570 SF
TABLE 503 BUILDING AREA LIMITATION - SQ. FT. FOR I-2	15,000 SF/FLOOR & 2 FLOORS
506.3 AUTOMATIC SPRINKLER SYSTEM (INCREASE 200%) - SQ. FT.	30,000 SF/FLOOR & 3 FLOORS (EXISTING NON CONFORMING)
BUILDING HEIGHT	+/- 52' (EXISTING)
FIRE SUPPRESSION:	NFPA 13
UNIT SEPARATION	1 HOUR
STAIR ENCLOSURES	2 HOURS
REFUSE CHUTE (EXISTING)	1 HOUR
707 SHAFTS CONNECTING 4 STORIES SHAFTS CONNECTING LESS THAN 4 STORIES	2 HOU R 1 HOUR
EXIT ACCESS CORRIDORS (TABLE 10.16.1 FOR USE GROUP I1)	1/2 HOUR
INTERIOR LOAD BEARING WALLS	0 HOUR
STRUCTURAL MEMBER SUPPORTING WALL	0 HOUR
711 FLOOR CONSTRUCTION	1 HOUR
ROOF CONSTRUCTION	0 HOUR
FIRE EXTINGUISHERS	LOCATIONS TO BE FIELD VERIFIED BY FIRE CHIEF PRIOR TO INSTALLATION
1013.3 COMMON PATH OF TRAVEL	75 FEET
1016.3 DEAD END CORRIDORS	20 FEET
TABLE 1015.1 TOTAL TRAVEL DISTANCE	250 FEET
FLAME SPREAD RATINGS:	
INTERIOR FINISH REQUIREMENTS	
REQUIRED VERTICAL EXITS & PASSAGEWAYS	CLASS C (FOR R-2 FLOORS 3&4 ONLY)
CORRIDORS PROVIDING EXIT ACCESS	CLASS C (FOR R-2 FLOORS 3&4 ONLY)
ROOMS OR ENCLOSED SPACES	CLASS C (FOR R-2 FLOORS 3&4 ONLY)
INTERIOR FLOOR FINISH REQUIREMENTS	
REQUIRED VERTICAL EXITS	CLASS II
CORRIDORS PROVIDING EXIT ACCESS	CLASS II
1207 SOUND TRANSMISSION (UNIT TO UNIT OR UNIT PUBLIC SPACE)	WALLS STC MIN = 50 FLOOR/CEILING ICC MIN = 50
GENERAL NOTES	1. ALL PENETRATIONS OF SMOKE BARRIERS, PARTITIONS, FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH PROPER APPROVED MATERIALS
	2. ALL WORK SHALL CONFORM TO LOCAL AND STATE CODES, ORDINANCES, AND REQUIREMENTS, ACCESSIBILITY PER A.D.A.A.G.
	3. *FIRST AND SECOND FLOOR WILL BE CHANGING OCCUPANCIES FROM I-2 TO R-2 IN THE FUTURE. THE 4TH FLOOR REMODEL WAS COMPLETED IN 2008.

A13 CODE DATA

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SEVENTY-FIVE STATE STREET

SOUTH HARBORSIDE THIRD FLOOR RENOVATIONS
PORTLAND MAINE

REVISIONS		
#	DATE	DESCRIPTION
	07-15-08	PRICING SET

DATE:	08.05.08
PROJECT #	020108
DRAWN BY:	KW
CHECKED BY:	
DRAWING SCALE	NTS

BUILDING PERMIT

SHEET TITLE

G102

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