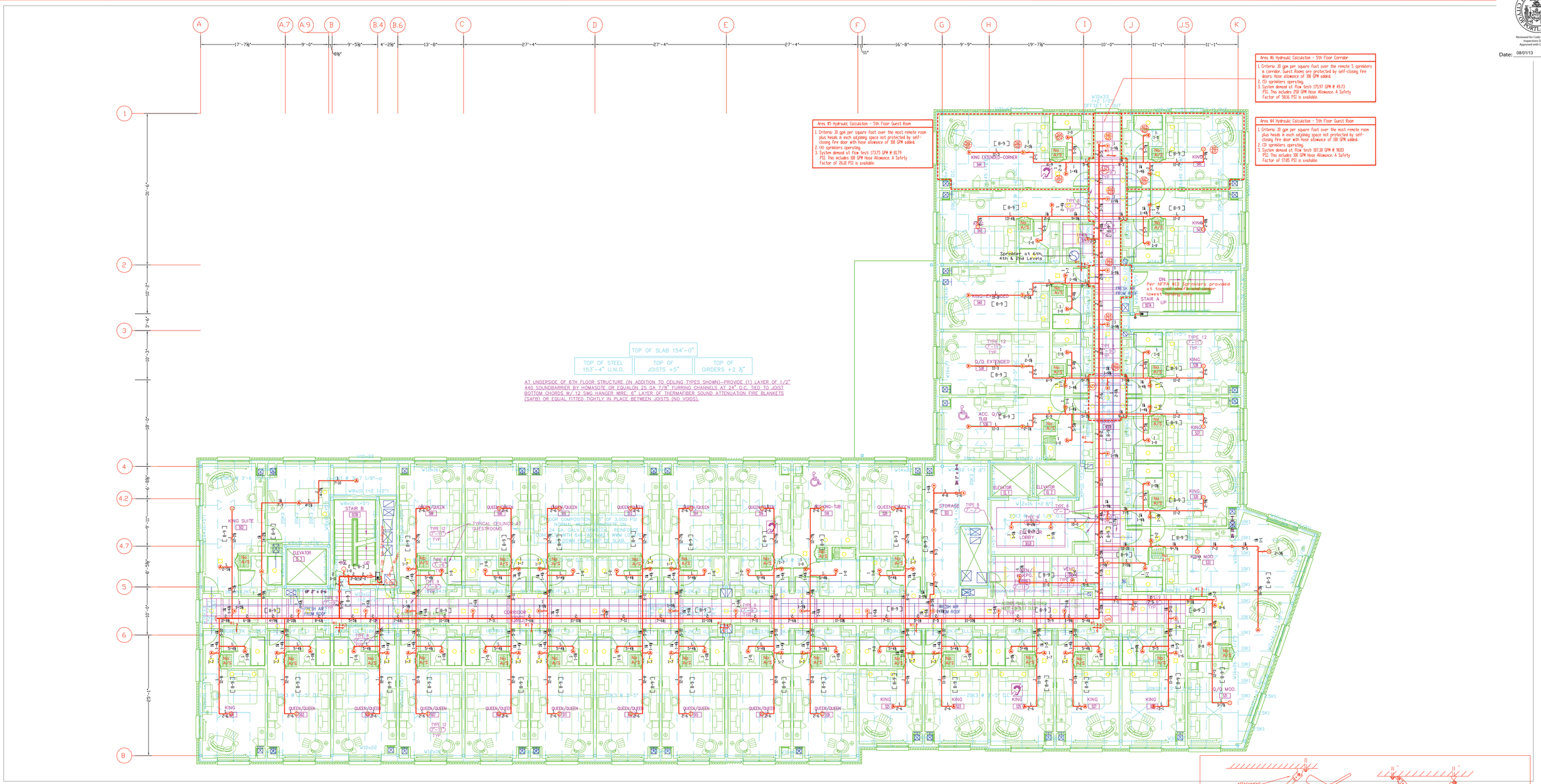
Reviewed for Code Compliance
Fire Prevention Division
Approved with Conditions

Date: 08/01/13

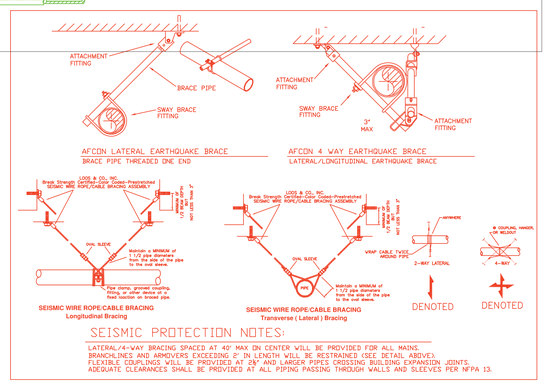


5th Floor Fire Sprinkler Plan

1/8" = 1'-0"

Sprinkler Head Schedule

Symbol	Count	Thread	K-Factor	Description	Note
◉	36	1/2"	5.6	RELIABLE F1FR-56, 155° WHITE RECESSED PENDENT	RA1414
⊗	33	3/4"	8.0	RELIABLE F1FR WHITE QR EXTENDED COVERAGE RECESSED PENDENT	R4842
▲	80	1/2"	4.2	RELIABLE F1FR WHITE QR RECESSED PENDENT	RA1413
○	1	1/2"	5.6	RELIABLE F1FR-56, 155° BRASS UPRIGHT	RA1425
150 = Total Number of Heads this floor					



SEISMIC PROTECTION NOTES:

LATERAL/4-WAY BRACING SPACED AT 40' MAX ON CENTER WILL BE PROVIDED FOR ALL MAINS. BRANCHLINES AND ARMOVERS EXCEEDING 2" IN LENGTH WILL BE RESTRAINED (SEE DETAIL ABOVE). FLEXIBLE COUPLINGS WILL BE PROVIDED AT 2½" AND LARGER PIPES CROSSING BUILDING EXPANSION JOINTS. ADEQUATE CLEARANCES SHALL BE PROVIDED AT ALL PIPING PASSING THROUGH WALLS AND SLEEVES PER NFPA 13.

SEISMIC DETAILS

Hampshire FIRE PROTECTION
8 NORTH WENTWORTH AVENUE LONDONDERRY, NH 03053
PH:(603) 432-8221 FAX: (603) 434-3194
WEBSITE: HAMPSHIREFIRE.COM
MASS LIC# 003841 MAINE LIC# 238
VERMONT CERTIFIED

WATER SUPPLY DATA	
Static pressure	108 psi
Residual pressure	102 psi
Flow	1537 gpm
Location	Corner of Commercial & Maple
Elevation	0'-0"
Date	May 11 2013 Time 6:00 AM
Information By	Portland Water

SPRINKLERS	
Total This Sheet	Total This Job
Symbol	Description

Drawing Title	5th Floor Fire Sprinkler Plan
Contract No	4396CME
Drawn By	EVW
Scale	As Noted
Date	05-25-13
Approval By	Portland ME

Revisions:	Date:
1	
2	
3	
4	
5	
6	
7	

Project:
Marriott Courtyard Hotel
321 Commercial Street
Portland ME 04101

Contract with:
Opechee Construction
11 Corporate Drive
Belmont NH 03220

FIRE PROTECTION ENGINEER STAMP

FP6 OF 8