5TH FLOOR PLAN

1/8" = 1-0

ROOF FRAMING PLAN

1/8"=1'-0"

NOTES:

1. 3N18 INDICATES SPAN DIRECTION OF 3N18 GALV ROOF DECK (3 SPAN MIN).
2. 1.5B20 INDICATES SPAN DIRECTION OF 1.5B20 GALV ROOF DECK (3 SPAN MIN).
3. TOP OF STEEL EL 181'-11 5/8", U.N.O. BY (±X'-X")
   TOS = 10-6 (UON)

HYDRAULIC NOTE

SYSTEM #PD5TH

THIS SYSTEM IS HYDRAULICALLY CALCULATED TO LIGHT HAZARD REQUIREMENTS.
- DENSITY = .10 GPM/SQ. FT.
- REMOTE AREA = 1500 SQ. FT.
- HOSE ALLOWANCE = 100 GPM

AT BOR IT REQUIRES:
- 220.7 GPM
- 131.0 PSI

A 12.7 PSI SAFETY MARGIN EXISTS AT DISC.
- 168.50 FT/HD
- Q=16.8
- K=5.5
- P=9.0 — 11 HEADS CALCULATED

PLANS PREPARED BY:
BRIAN BENOIT
NICET LEVEL 3 CERT. #075934

THESE PLANS ARE SUBJECT TO MINOR DEVIATIONS, DUE TO COORDINATION AND/OR FIELD CONDITIONS, NOT AFFECTING SCOPE OF WORK OR CODE COMPLIANCE.

2 1 0 4 8
SCALE 1/8"=1'-0"

2 1 0 4 8
SCALE 1/8"=1'-0"
N

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	62	psi
Residual pressure	60	psi
Flow	992	gpm
Location	See Site Plan	
Elevation	+9	
Date	10-25-14	Time 10:00 AM
Information by	Portland Water Dept.	

SPRINKLERS

Total This Sheet 149 | Total This Job See Sheet 1

Symbol		Description
○	4	RELIABLE F1FR SSU (1½"Thd 5.6K) BRASS 200° (RA1425)
◉	143	RELIABLE F1FR REC PEND (1½"Thd 5.6K) CHROME 155° (RA1414)
○SR	2	RELIABLE F1 SSU (1½"Thd 5.6K) BRASS 200° (RA1325)

Drawing Title	Sheet 9, Level 5
Contract No.	4737CNH
Drawn By	Benoit
Scale	1/8" = 1'-0"
Date	2-12-16
Approval By	Portland Fire Dept. ME SFMO

Revisions:	Date:
1	
2	
3	
4	
5	
6	
7	

Project:
The Park Danforth Expansion & Renovation
777 Stevens Ave.
Portland, ME 04103

Contract with:
PC Construction
789 Stevens Ave.
Portland, ME 04103

FIRE PROTECTION ENGINEER STAMP

FP 9 OF 11