CONNECTOR ROOF FRAMING PLAN

1/8"=1'-0"

NOTES:

1. INDICATES SPAN DIRECTION OF 3N18 GALV ROOF DECK (2 SPAN MIN U.N.O).
2. INDICATES SPAN DIRECTION OF 1.5B 18GA GALV ROOF DECK SINGLE SPAN AT LOW ROOF.
3. INDICATES T/STL EL 138'-3 5/8" (11-4 AFF) (CONNECTOR ROOF T/STL EL)
4. (L) INDICATES T/STL EL 136'- 10 5/8" (9-11 AFF) (LOW ROOF T/STL EL)
5. INDICATES T/STL EL 137'-1 5/8" (10-2 AFF) (CANOPY OUTRIGGERS T/STL EL)
6. INDICATES T/STL EL 140'-2 1/8" (13-2.5 AFF) (AUDITORIUM T/STL EL)

CONNECTOR FF = 126-11½

1ST FLOOR PLAN

1/8" = 1-0

LEVEL 2 FRAMING PLAN

1/8"=1'-0"

NOTES:

1. INDICATES SPAN DIRECTION OF 5 1/2" NORMAL WEIGHT CONC S 18GA GALV COMPOSITE DECK W/6x6-W1.4xW1.4 W.W.F. (2 1/2" CONC FILL DECK, 5 1/2" TOTAL, 3 SPAN MIN).
2. TOP OF SLAB EL 139'-11 5/8".
3. TOP OF STEEL EL 139'-6 1/8", U.N.O. BY (±X'-X")
   FF = 11-5 (UON)
   TOS = 11-2.5 (UON)

FIRE DEPT. CONNECTION DETAIL

¼" = 1-0

CONNECTOR ZONE CONTROL DETAIL

¼" = 1-0

HYDRAULIC NOTE

SYSTEM #PD1STA

THIS SYSTEM IS HYDRAULICALLY CALCULATED TO LIGHT HAZARD REQUIREMENTS.
- DENSITY = .10 GPM/SQ. FT.
- REMOTE AREA = 900 SQ. FT. (40% QR REDUCTION)
- HOSE ALLOWANCE = 100 GPM

AT BOR IT REQUIRES:
- 192.0 GPM
- 126.0 PSI

A 21.0 PSI SAFETY MARGIN EXISTS AT DISC.
- 168 SQ FT/HD
- Q=16.8
- K=5.6
- P=9.0 — 10 HEADS CALCULATED

TYPICAL HANGER
NO SCALE

1 -- All Thread Rod
1 -- Ring
1 -- HILTI Shield

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.

SCALE 1/8"=1'-0"

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 AM
Information by	Portland Water Dept.	

SPRINKLERS

Total This Sheet 61 | Total This Job See Sheet 1

Symbol	Description
○ 3	RELIABLE F1FR SSU (1½"Thd 5.6K) BRASS 200° (RA1425)
◉ 58	RELIABLE F1FR REC PEND (1½"Thd 5.6K) CHROME 155° (RA1414)

Drawing Title	Sheet 4, Ground Level B		
Contract No.	4737CNH	Revisions:	Date:
Drawn By	Benoit	1	
Scale	1/8" = 1'-0"	2	
Date	2-12-16	3	
Approval By	Portland Fire Dept. ME SFMO	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