GARAGE LEVEL PLAN

1/8" = 1–0
TOS = 9–1.5 (UON)
FF = 9–7 (UON)

LEVEL 1 FRAMING PLAN

1/8"=1'-0"

NOTES:

1. INDICATES SPAN DIRECTION OF 5 1/2" NORMAL WEIGHT CONC SLAB ON 3VLI 18GA GALV COMPOSITE DECK W6x6-W1.4xW1.4 W.W.F. (2 1/2" CONC FILL OVER 3" DECK, 5 1/2" TOTAL, 3 SPAN MIN).
2. TOP OF SLAB EL 128'-3 5/8". ALL T/CONC ELEVATIONS ARE DENOTED AS VARIATIONS FROM THIS ELEVATION.
3. TOP OF STEEL EL 127'-10 1/8", U.N.O. BY (±X'-X"). "L1" INDICATES T/STL EL 127'-1 1/8"

BEAM PENETRATION DETAIL

X = 1–0

Dry System Auxiliary Drain
(PER NFPA 13)
N.T.S.

NOTE:
IT IS THE OWNERS RESPONSIBILITY TO PROPERLY DRAIN AND MAINTAIN LOW POINT (DRUM DRIP AND AUX.) DRAINS IN ACCORDANCE WITH NFPA–13. THESE DRAINS ARE NOT AUTOMATIC AND FREEZING OF TRAPPED PIPE CAN OCCUR IF DRAINS ARE NOT REGULARLY MAINTAINED.

HYDRAULIC NOTE
SYSTEM #PDPG

THIS SYSTEM IS HYDRAULICALLY CALCULATED TO ORDINARY HAZARD GROUP 1 REQUIREMENTS.
– DENSITY = .15 GPM/SQ. FT.
– REMOTE AREA = 1950 SQ. FT. (30% DRY INCREASE)
– HOSE ALLOWANCE = 250 GPM
AT BOR IT REQUIRES:
– 613.6 GPM
– 118.5 PSI
A 20.2 PSI SAFETY MARGIN EXISTS AT DISC.
– 105 SQ FT/HD
– Q=15.8
– K=5.6
– P=8.0 23 HEADS CALCULATED

NOTE:
THERE ARE SEVERAL LOCATIONS IN THE BASEMENT GARAGE WHERE WET PIPING IS NECESSARY/SPECIFIED. THE GARAGE IS SPECIFIED TO BE PROTECTED BY A DRY PIPE SYSTEM. PLEASE VERIFY ALL WET PIPING WILL BE PROTECTED FROM FREEZING. HFP ACCEPTS NO RESPONSIBILITY FOR DAMAGE DUE TO FREEZING.

Note: To minimize condensation of water in the drop to the test connection, provide a nipple–up off of the branchline.
DRY TEST CONNECTION (PER NFPA 13)

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 AM
Information by	Portland Water Dept.	

SPRINKLERS

Total This Sheet 157 | Total This Job See Sheet 1

Symbol		Description
◯ ◎	149	RELIABLE F1FR SSU (1'2"Thd 5.6K) BRASS 200° (RA1425)
◉	6	RELIABLE F1FR REC PEND (1'2"Thd 5.6K) CHROME 155° (RA1414)
◁	2	RELIABLE F1SSU (1'2"Thd 5.6K) BRASS 200° (RA1335)

Drawing Title	Sheet 2, Garage Level		
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

FP 2 OF 11