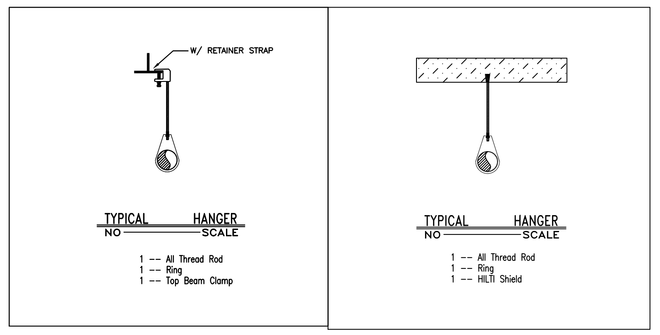

(1) LAYER OF 5/8" GYP. BD.; (1) LAYER OF 1/2" 440 SOUNDBARRIER BY HOMASOTE OR EQUAL; 1-1/2" 16 GA COLD ROLLED CROSS CHANNELS AT 24" O.C. TIED TO 1 1/2" 16 GA. COLD ROLLED MAIN CHANNELS AT 24" O.C. SUSPENDED W/ 12 SWG HANGER WIRE FROM RSIC-DC04 SOUND ISOLATION CLIPS BY PAC INTERNATIONAL ATTACHED TO METAL FLOOR DECK; TYPICAL AT COMMERCIAL TENANT SPACE, ELECTRIC ROOM, AND WATER ROOM.

RISER DETAIL
¼" = 1-0

TOP OF SLAB VARIES
TOP OF STEEL -5.5" BTS
TOP OF BAR JOISTS +2 1/2"

LOWER LEVEL PLAN
1/8" = 1-0

HYDRAULIC NOTE

SYSTEM #YSLWR

THIS SYSTEM IS HYDRAULICALLY CALCULATED TO ORDINARY HAZARD GP. 2 REQUIREMENTS.
- DENSITY = .20 GPM/SQ. FT.
- REMOTE AREA = 975 SQ. FT. (35% OR REDUCTION)
- HOSE ALLOWANCE = 250 GPM

AT THE BASE OF RISER IT REQUIRES
- 227.0 GPM
- 78.7 PSI

A 13.5 PSI SAFETY MARGIN EXISTS AT TEST
- 120 SQ FT/HD
- Q=24
- K=5.6
- P=18.4

9 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	100	psi	
Residual pressure	98	psi	
Flow	1047	gpm	
Location	See Site Plan		
Elevation	-2 TO FF		
Date	7-13-16	Time	10 AM
Information by	Portland Water Dept., Means Dept.		

SPRINKLERS

Total This Sheet 217 | Total This Job See Sheet 1

Symbol		Description
◯◎	197	RELIABLE F1FR SSU (1|2"Thd 5.6K) BRASS 200° (RA1425)
◁ SR	1	RELIABLE F1 HSW (1|2"Thd 5.6K) BRASS 200° (RA1335)
●	19	TYCO DS-1 DRY REC PENDANT (1|2"Thd 5.6K) CHROME 155° (TY3255)

Drawing Title	Sheet 3, Lower Level		
Contract No.	4833CME	Revisions:	Date:
Drawn By	Benoit	1	
		2	
		3	
Scale	1/8" = 1'-0"	4	
		5	
Date	8-17-16	6	
		7	
Approval By	Portland Fire Dept, ME SFMO		

Project:
York Street
101 York Street
Portland, ME 04101

Contract with:
Opechee Construction
11 Corporate Drive
Belmont, NH 03220

FIRE PROTECTION ENGINEER STAMP

FP3 OF 8