STAIR A STANDPIPE SECTION

3/8" = 1'-0

STAIR B STANDPIPE SECTION

3/8" = 1'-0

NOTE:
STANDPIPES ARE CALCULATED ASSUMING A FIRE DEPT. PUMPER IS SUPPLYING 165 PSI @ 1000 GPM AT THE PUMPER CONNECTION. THE FIRE PUMP IN THE BASEMENT, WHEN COMBINED WITH THE CITY WATER SUPPLY, WILL DELIVER 173 PSI AT CHURN.
STANDPIPE DEMAND = 153 PSI @ 1000 GPM
THIS DESIGN HAS BEEN DISCUSSED WITH THE CHIEF OF THE PORTLAND FIRE DEPT. AND IS ACCEPTABLE TO THEIR STANDARDS.
THE DESIGN MEETS THE REQUIREMENTS FOR "WET MANUAL".
(2) KOCHEK LG 25-45 LINE GAUGES TO BE PROVIDED.

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.

1 ½ 0 2 4
SCALE 1/4"=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 0 | Total This Job See Sheet 1

| Symbol | Description |
|---|---|
| | |

| | | | |
|---|---|---|---|
| Drawing Title | Sheet 10, Standpipes | | |
| Contract No. | 4737CNH | Revisions: | Date: |
| Drawn By | Benoit | 1 | |
| | | 2 | |
| | | 3 | |
| Scale | 1/8" = 1'-0" | 4 | |
| | | 5 | |
| Date | 2-12-16 | 6 | |
| | | 7 | |
| Approval By | Portland Fire Dept. ME SFMO | | |

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 10 OF 11