

F.F. ELEV= 105'-0"

NTS

CROSS SECTION - 1 C.S.

6" B.F.F. →

GENERAL NOTES:

ALL NEW PIPING TO BE HYDROSTATICALLY TESTED AT NOT LESS THAN 200 PSI FOR 2 HOURS, OR AT 50 PSI IN EXCESS OF THE MAXIMUM PRESSURE, WHEN THE MAXIMUM PRESSURE TO BE MAINTAINED IS IN EXCESS OF 150 PSI, PER N.F.P.A. 13.

WHETHER OR NOT INDICATED ON THE DRAWINGS, THE FOLLOWING ITEMS ARE TO BE PROVIDED: SPARE HEAD CABINET WITH WRENCH

PROVISIONS FOR FLUSHING CONNECTIONS AND DRAINING OF ALL PIPE INSPECTORS TEST CONNECTION FOR EACH SYSTEM

AND FITTINGS AND WELDED OUTLETS.

ALL PIPING 1" AND SMALLER TO BE THREADED SCHEDULE 40 WITH CAST IRON SCREWED FITTINGS.

ALL PIPING 1¼" AND LARGER TO BE GROOVED, SCHEDULE 10 BLACK STEEL WITH GROOVED COUPLINGS

SYSTEM DESIGN AND INSTALLATION TO CONFORM WITH N.F.P.A. 13 AND ALL OTHER

APPLICABLE CODES.

SYSTEM DESIGN CRITERIA: AREA 1 - LOW ROOF

REMOTE AREA BASED UPON N.F.P.A. 13 FOR LIGHT HAZARD Design Area No. 1 - LOW ROOF OCCUPANCY TO PROVIDE .10 GPM FOR THE MOST REMOTE 1500 SQ. FT. WITH 100 GPM HOSE ALLOWANCE. Flow 349.1 gpm @ 42.3 psi

AREA 2 — HIGH ROOF

Density 0.1 Area 1500

Safety Factor 29.57 psi

Safety Factor 8.92 psi

Density 0.1 Area 900

Flow 326.4 gpm @ 62.3 psi

Includes 100 gpm Hose allowance

Includes 100 gpm Hose allowance

REMOTE AREA BASED UPON N.F.P.A. 13 FOR LIGHT HAZARD Design Area No. 2 - HIGH ROOF Density 0.1 Area 1500 OCCUPANCY TO PROVIDE .10 GPM FOR THE MOST REMOTE 1500 SQ. FT. Flow 295.5 gpm @ 62.9 psi WITH 100 GPM HOSE ALLOWANCE. Includes 100 gpm Hose allowance

AREA 3 — BELOW MEZZANINE Design Area No. 3 - BELOW MEZZANINE

REMOTE AREA BASED UPON N.F.P.A. 13 FOR LIGHT HAZARD OCCUPANCY TO PROVIDE .10 GPM FOR THE MOST REMOTE 900 SQ. FT. (NFPA 13-2010, FIGURE 11.2.3.2.3.1) QUICK RESPONSE SPRINKLERS WITH 100 GPM HOSE ALLOWANCE.

ALL SYSTEM PIPING TO BE HUNG PER N.F.P.A. 13.

PLANS ARE SUBJECT TO MINOR DEVIATIONS ARISING FROM FIELD CONDITIONS

AND/OR COORDINATION. MINOR DEVIATIONS WILL NOT AFFECT CODE COMPLIANCE OR SCOPE OF WORK.

SEISMIC BRACING WILL BE PROVIDED PER NFPA 13.

ALL WIRING TO BE DONE BY OTHERS.

ALL UNDERGROUND WORK TO BE DONE BY OTHERS.

PAINTING OF PIPE OR EQUIPMENT TO BE DONE BY OTHERS.

A MINIMUM OF 18" CLEARANCE MUST BE PROVIDED BETWEEN THE SPRINKLER DEFLECTOR AND THE TOP OF ALL STORAGE.

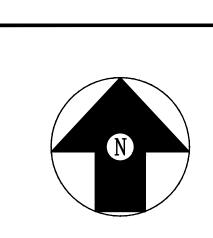
OWNER TO PROVIDE ADEQUATE HEAT TO ALL AREAS OF THE BUILDING THAT CONTAIN WET SPRINKLER PIPING. HAMPSHIRE FIRE PROTECTION CO. INC. WILL NOT BE HELD LIABLE, NOW, NOR IN THE FUTURE, FOR ANY DAMAGES THAT ARISE DUE TO THE FREEZING, AND SUBSEQUENT BURSTING OF WATER FILLED SPRINKLER PIPING.

WORK DOES NOT INCLUDE COVERAGE FOR CLIMBING STRUCTURE. COVERAGE FOR THE CLIMBING STRUCTURE WILL BE DONE AT A LATER DATE, AND WILL BE PROVIDED WITH RECORD DRAWINGS.



SITE PLAN

NTS





RISER DETAIL - 2 R.S.

SCALE: 1/2" = 1'-0"

WATER SUPPLY DATA	SPRINKLERS Total This Sheet 0 Total This Job 107		Drawing CENEDAL MOTES	Drawing GENERAL NOTES AND DETAILS		Project:
Static pressure 72 psi			Title GENERAL NOIES AND DETAILS			Project: EV
Residual pressure 70 psi	Symbol	Description	G L A A A A A A A A A A A A A A A	Revisions:	Date:	
Flow 1255 gpm			Contract No.4480 CME	1		65
Location HYD 01318			Durante Des CDAIC S	2		PC
Elevation -9'-0"			Drawn By CRAIG S.	3		
Date 5/2/2013 Time N/A			G 1 AG NOMED	4		Contrac
Information by PORTLAND WD			Scale AS NOTED	5		FL
			D-1- 1/00/0014	6		
			Date 1/22/2014	7		17
			, , STATE OF MAINE			AM
			Approval By STATE OF MAINE PORTLAND FD			1

ENTRY BLDG. REF E

EVOLUTION ROCKS PORTLAND 65 WARREN AVE PORTLAND, ME, 04103 FLYNN CONSTRUCTION CORPORATION 17 OLD NASHUA ROAD, SUITE 15 AMHERST, NH 03031

FIRE PROTECTION ENGINEER STAMP