

Hydraulic Design Information Sheet

Name - 3 CANAL PLAZA THIRD FLOOR AREA 1 Date - 02-08-16
 Location - 3 CANAL PLAZA PORTLAND, MAINE
 Building - EXISTING System No. - 1 WET
 Contractor - SPRINKLER SYSTEMS INC Contract No. - 15-101
 Calculated By - CDS Drawing No. - 1-2 OF 2
 Construction: () Combustible (X) Non-Combustible Ceiling Height - VARIES
 Occupancy - OFFICES

S (X) NFPA 13 (X) Lt. Haz. Ord.Haz.Gp. () 1 () 2 () 3 () Ex.Haz.
 Y () NFPA 231 () NFPA 231C () Figure Curve

S Other

T Specific Ruling Made By Date

E				
M	Area of Sprinkler Operation	- 900	System Type	Sprinkler/Nozzle
	Density	- .10	(X) Wet	Make RELIABLE
D	Area Per Sprinkler	- 324	() Dry	Model F1FR QREC
E	Elevation at Highest Outlet	- 199.500	() Deluge	Size 17/32" X 3/4"
S	Hose Allowance - Inside	- 100	() Preaction	K-Factor 8.0
I	Rack Sprinkler Allowance	- 0	() Other	Temp.Rat.155 DEG.
G	Hose Allowance - Outside	- 0		

N Note

Calculation Flow Required - 291.31 Press Required - 114.335 AT PUMP
 Summary C-Factor Used: 150 Overhead 120 Underground

W	Water Flow Test:	Pump Data:	Tank or Reservoir:
A	Date of Test - N/A		Cap. -
T	Time of Test - N/A	Rated Cap.- 506	Elev.-
E	Static Press - N/A	@ Press - 130	
R	Residual Press - N/A	Elev. - 100	Well
	Flow - N/A		Proof Flow
S	Elevation - N/A		

U Location - PUMP FLOW TEST DATED 8/21/15

P Source of Information - OWNER

C	Commodity	Class	Location
O	Storage Ht.	Area	Aisle W.
M	Storage Method:	%	Palletized % Rack
	() Single Row	() Conven. Pallet	() Auto. Storage () Encap.
S	() Double Row	() Slave Pallet	() Solid Shelf () Non
T	() Mult. Row		() Open Shelf

R K Flue Spacing Clearance:Storage to Ceiling
 A Longitudinal Transverse

E Horizontal Barriers Provided: