

HYDRAULIC DESIGN INFORMATION SHEET

Name - Anholt - White Cottage Date - 3/12/13
 Location - 2nd floor bedroom
 Building - 66 Shore Road Cushing Island, Maine System No. - 1
 Contractor - High Tech Fire Protection Contract No. - 062612-2
 Calculated By - Ed Poulin Drawing No. - FP-01
 Construction: () Combustible () Non-Combustible Ceiling Height 8'
 OCCUPANCY - Residential

S Type of Calculation: ()NFPA 13 Residential ()NFPA 13R (x)NFPA 13D
 Y Number of Sprinklers Flowing: ()1 (x)2 ()4 ()
 S ()Other
 T ()Specific Ruling Made by Date
 E
 M Listed Flow at Start Point - 13 Gpm System Type
 Listed Pres. at Start Point - 7 Psi (x) Wet () Dry
 D MAXIMUM LISTED SPACING 16 x 16 () Deluge () PreAction
 E Domestic Flow Added - n/a Gpm Sprinkler or Nozzle
 S Additional Flow Added - n/a Gpm Make Reliable Model RFC49
 I Elevation at Highest Outlet - 21 Feet Size 1/2 K-Factor 4.9
 G Note: Temperature Rating 165
 N

Calculation Gpm Required 27 Psi Required 46 At Test
 Summary C-Factor Used: Overhead 150 Underground 150

W Water Flow Test: Pump Data: Tank or Reservoir:
 A Date of Test - 7-17-12 Rated Cap. Cap.
 T Time of Test - 7:00 AM @ Psi Elev.
 E Static (Psi) - 98 Elev.
 R Residual (Psi) - 30 Other Well
 Flow (Gpm) - 691 Proof Flow Gpm
 S Elevation - -12

P Location: Test Hydrant # POD-HYS00003 Shore road near site.

P
 L Source of Information: Portland Water District
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