

N.F.P.A. #13 RESIDENTIAL CALC

HYDRAULIC DATA NAMEPLATE

This Building is protected by a hydraulically designed Automatic Sprinkler System

Location AREA-1

No. of Sprinkler 4

Basis of design

1. Density .10 gpm/sqft

2. Design area of discharge 4 HDS

System Demand

1. Water Flow Rate @ Base 85.12 gpm

2. Residual Pressure @ Base 83,232 psi

Cushion: 17.68 psi

NDT MOST REMOTE AREA

N.F.P.A. #13 RESIDENTIAL CALC

HYDRAULIC DATA NAMEPLATE

This Building is protected by a hydraulically designed Automatic Sprinkler System

Location AREA-2

No. of Sprinkler 5

Basis of design

1. Density .15 gpm/sqft

2. Design area of discharge ENTIRE

System Demand

1. Water Flow Rate @ Base 110.71 gpm

2. Residual Pressure @ Base 83,523 psi

Cushion: 17.22 psi

NDT MOST REMOTE AREA

N.F.P.A. #13 RESIDENTIAL CALC

HYDRAULIC DATA NAMEPLATE

This Building is protected by a hydraulically designed Automatic Sprinkler System

Location AREA-3

No. of Sprinkler 4

Basis of design

1. Density .05 gpm/sqft

2. Design area of discharge 4 HDS

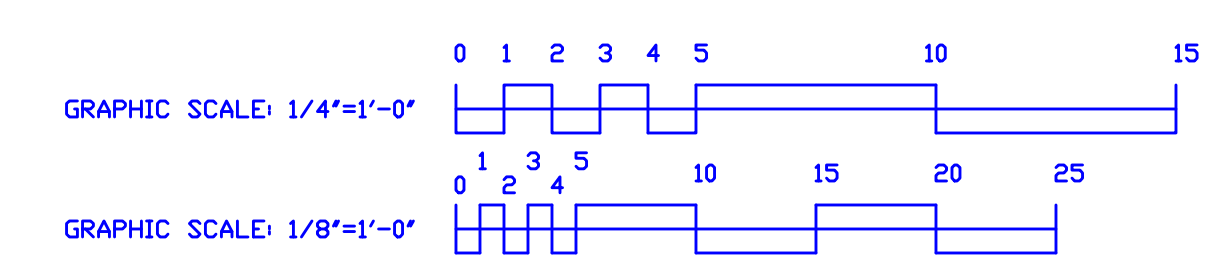
System Demand

1. Water Flow Rate @ Base 74.95 gpm

2. Residual Pressure @ Base 89,829 psi

Cushion: 11.10 psi

MIST REMOTE AREA



<p>NORTH</p>	<p>HANGERS</p> <p>AS SHOWN</p> <p>NO SCALE</p> <p>1 --- ALL THROD ROD</p> <p>1 --- RING</p> <p>1 --- HLT SHIELD</p>	<p>ABBREVIATIONS</p> <p>B Bottom of Beam</p> <p>D Bottom of Deck</p> <p>P Bottom of Pipe</p> <p>N.A.C. Nipple and Cap</p> <p>NTS Not to Scale</p> <p>OS Open Star Studs</p> <p>PRV Pressure Red Valve</p> <p>RM Roof Mounted</p> <p>SP Standpipe</p> <p>TOS Top of Steel</p> <p>TOP Top of Pipe</p> <p>UNL Unless Otherwise Noted</p> <p>CL Centerline</p> <p>NLS No Automatic Sprinklers</p> <p>OTA Open to Above</p>	<p>CONTRACT RESPONSIBILITIES</p> <table border="1"> <tr><th>ITEM</th><th>FFC</th><th>OTHERS</th></tr> <tr><td>STREET CONN</td><td></td><td></td></tr> <tr><td>LEG MAN</td><td></td><td></td></tr> <tr><td>EXCAVATION</td><td></td><td></td></tr> <tr><td>FLUSHING</td><td></td><td></td></tr> <tr><td>WIRING</td><td></td><td></td></tr> <tr><td>PAINTING</td><td></td><td></td></tr> <tr><td>TRANSF. SWITCHES</td><td></td><td></td></tr> <tr><td>FLOW SWITCHES</td><td></td><td></td></tr> <tr><td>STREET CONN</td><td></td><td></td></tr> </table>	ITEM	FFC	OTHERS	STREET CONN			LEG MAN			EXCAVATION			FLUSHING			WIRING			PAINTING			TRANSF. SWITCHES			FLOW SWITCHES			STREET CONN			<p>SPRINKLER HEAD LEGEND</p> <table border="1"> <thead> <tr><th>SYMBOL</th><th>MAKE</th><th>MODEL</th><th>SIN</th><th>FINISH</th><th>TYPE</th><th>TEMP</th><th>NPT</th><th>DRIFICE</th><th>K-FACTOR</th><th>4th</th><th>7th</th></tr> </thead> <tbody> <tr><td>●</td><td>RELIABLE</td><td>RF7C49</td><td>RA8316</td><td>WHITE</td><td>CONCEALED PENDENT</td><td>165 F</td><td>1/2"</td><td>7/16"</td><td>4.9</td><td>118</td><td>70</td></tr> <tr><td>○</td><td>RELIABLE</td><td>F1FR56</td><td>RA4414</td><td>WHITE</td><td>REC PENDENT</td><td>200 F</td><td>1/2"</td><td>1/2"</td><td>5.6</td><td>2</td><td>2</td></tr> <tr><td>○</td><td>RELIABLE</td><td>F1FR56</td><td>RA4245</td><td>WHITE</td><td>UPRIGHT</td><td>200 F</td><td>1/2"</td><td>1/2"</td><td>5.6</td><td>3</td><td>3</td></tr> <tr><td>○</td><td>RELIABLE</td><td>GS-56</td><td>RA3415</td><td>WHITE</td><td>CONCEALED PENDENT</td><td>155 F</td><td>1/2"</td><td>1/2"</td><td>5.6</td><td>--</td><td>4</td></tr> </tbody> </table> <p>TOTALS PER FLOOR: 123 79</p>	SYMBOL	MAKE	MODEL	SIN	FINISH	TYPE	TEMP	NPT	DRIFICE	K-FACTOR	4th	7th	●	RELIABLE	RF7C49	RA8316	WHITE	CONCEALED PENDENT	165 F	1/2"	7/16"	4.9	118	70	○	RELIABLE	F1FR56	RA4414	WHITE	REC PENDENT	200 F	1/2"	1/2"	5.6	2	2	○	RELIABLE	F1FR56	RA4245	WHITE	UPRIGHT	200 F	1/2"	1/2"	5.6	3	3	○	RELIABLE	GS-56	RA3415	WHITE	CONCEALED PENDENT	155 F	1/2"	1/2"	5.6	--	4	<p>SUBMITTALS</p> <table border="1"> <thead> <tr><th>SENT TO</th><th>DATE SENT MM/DD/YY</th><th>DATE RECEIVED</th></tr> </thead> <tbody> <tr><td>I S D</td><td></td><td></td></tr> <tr><td>T M</td><td></td><td></td></tr> <tr><td>L M</td><td></td><td></td></tr> <tr><td>I R I</td><td></td><td></td></tr> <tr><td>L A</td><td></td><td></td></tr> <tr><td>STATE FIRE</td><td></td><td></td></tr> <tr><td>LOCAL FIRE</td><td></td><td></td></tr> <tr><td>LOCAL WATER</td><td></td><td></td></tr> <tr><td>G. C.</td><td></td><td></td></tr> </tbody> </table>	SENT TO	DATE SENT MM/DD/YY	DATE RECEIVED	I S D			T M			L M			I R I			L A			STATE FIRE			LOCAL FIRE			LOCAL WATER			G. C.			<p>LICENSE # 093 442</p> <p>PERMIT # 10655</p> <p>P.O. BOX 1395 LEWISTON MAINE 04243-1285</p>	<p>HYATT PLACE PORTLAND - OLD PORT</p> <p>PORTLAND, MAINE</p> <p>SIXTH &amp; SEVENTH FLOOR PLANS</p> <p>CONTRACT WITH CONSIGLI CONSTRUCTION</p> <table border="1"> <thead> <tr><th>SYSTEM TYPE</th><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr><td>WET</td><td>1</td><td>9 JUL 12</td><td>REVISED TO PFD REQUIREMENTS</td></tr> <tr><td>DRY</td><td>1</td><td>9 JUL 12</td><td>REVISED TO PFD REQUIREMENTS</td></tr> <tr><td>DELUGE</td><td></td><td></td><td></td></tr> <tr><td>PREACTION</td><td></td><td></td><td></td></tr> <tr><td>M. LIFE</td><td></td><td></td><td></td></tr> </tbody> </table>	SYSTEM TYPE	NO.	DATE	DESCRIPTION	WET	1	9 JUL 12	REVISED TO PFD REQUIREMENTS	DRY	1	9 JUL 12	REVISED TO PFD REQUIREMENTS	DELUGE				PREACTION				M. LIFE				<p>SCALE AS NOTED</p> <p>DRAWN BY ARS</p> <p>CHECKED BY CDS</p> <p>NICET #78653</p> <p>DATE 22 JUNE 2013</p> <p>TOTAL SPRKS ON JOB 3 OF 4</p> <p>SHEET # FP-3</p> <p>JUP# 12-101</p>
				ITEM	FFC	OTHERS																																																																																																																																																		
STREET CONN																																																																																																																																																								
LEG MAN																																																																																																																																																								
EXCAVATION																																																																																																																																																								
FLUSHING																																																																																																																																																								
WIRING																																																																																																																																																								
PAINTING																																																																																																																																																								
TRANSF. SWITCHES																																																																																																																																																								
FLOW SWITCHES																																																																																																																																																								
STREET CONN																																																																																																																																																								
SYMBOL	MAKE	MODEL	SIN	FINISH	TYPE	TEMP	NPT	DRIFICE	K-FACTOR	4th	7th																																																																																																																																													
●	RELIABLE	RF7C49	RA8316	WHITE	CONCEALED PENDENT	165 F	1/2"	7/16"	4.9	118	70																																																																																																																																													
○	RELIABLE	F1FR56	RA4414	WHITE	REC PENDENT	200 F	1/2"	1/2"	5.6	2	2																																																																																																																																													
○	RELIABLE	F1FR56	RA4245	WHITE	UPRIGHT	200 F	1/2"	1/2"	5.6	3	3																																																																																																																																													
○	RELIABLE	GS-56	RA3415	WHITE	CONCEALED PENDENT	155 F	1/2"	1/2"	5.6	--	4																																																																																																																																													
SENT TO	DATE SENT MM/DD/YY	DATE RECEIVED																																																																																																																																																						
I S D																																																																																																																																																								
T M																																																																																																																																																								
L M																																																																																																																																																								
I R I																																																																																																																																																								
L A																																																																																																																																																								
STATE FIRE																																																																																																																																																								
LOCAL FIRE																																																																																																																																																								
LOCAL WATER																																																																																																																																																								
G. C.																																																																																																																																																								
SYSTEM TYPE	NO.	DATE	DESCRIPTION																																																																																																																																																					
WET	1	9 JUL 12	REVISED TO PFD REQUIREMENTS																																																																																																																																																					
DRY	1	9 JUL 12	REVISED TO PFD REQUIREMENTS																																																																																																																																																					
DELUGE																																																																																																																																																								
PREACTION																																																																																																																																																								
M. LIFE																																																																																																																																																								
<p>1 --- ALL THROD ROD</p> <p>1 --- RING</p> <p>1 --- HLT SHIELD</p> <p>1 --- ALL THROD ROD</p> <p>1 --- HLT SHIELD</p> <p>1 --- HLT SHIELD</p> <p>1 --- 1/2" BOLT</p>																																																																																																																																																								