

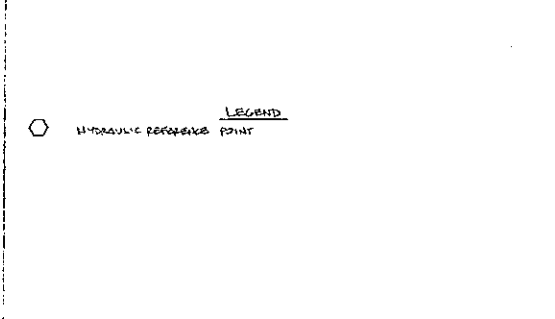
NOTES

- 1) OCCUPANT: SINGLE FAMILY DWELLING - RESIDENTIAL
- 2) DESIGN BASIS: HYDRAULICALLY CALCULATED NFA '13-D W/ 2.5 GPM/FT SYSTEM (SEE HYDRAULIC DATA SHEET)
- 3) ALL PIPING TO BE CPVC PLASTIC WITH CPVC PLASTIC FITTINGS
- 4) ALL PIPING AND HANGER DIMENSIONS ARE CONTINGENT UPON CONTRACTING
- 5) T&E DETERMINE THE WOOD JOIST TO CONTINUE TO PIPING
- 6) T&E DETERMINE THE WOOD JOIST TO CONTINUE TO PIPING
- 7) T&E DETERMINE THE WOOD JOIST TO CONTINUE TO PIPING
- 8) OWNER TO PROVIDE SUFFICIENT HEAD (MIN. 40') IN ALL AREAS OF THE BUILDING AT ALL TIMES TO PREVENT SPRINKLER PIPING FROM FLOODING
- 9) OWNER: ANDREW KING
23 BAY STREET
PORTLAND MAINE 04102
40 SOUTH PLYMOUTH 221-5146
- 10) ARCHITECT: GREEN DESIGN STUDIO - YAMOUNTA MAINE

WATER SUPPLY

FLOW TEST BY PORTLAND WATER DISTRICT JULY 23, 2004
WATER WAS FLOWED FROM W/ 1/2" 20' OCEAN AVENUE, 100' S
SOUTHWEST OF ROAD STREET FROM A 12" CIRCULATING CITY MAIN. TEST
W/ 1/2" 1054 LOCATED ON OCEAN AVENUE AT ROAD STREET, 39' S
FROM BAY STREET

STATIC: 92 PSI
RESIDUAL: 89 PSI WITH 1433 GPM FLOW
@ 50.0



<p>HYDRAULIC DESIGN CRITERIA</p> <p>Design: 2.5 GPM/FT Remote Area: 2 W/ 2.5 GPM/FT K Factor: 4.7 Head: 150' S.F. How Allowed: ... Water Supply: 7.1 @ 120' S.F. Static: 92 PSI Residual: 89 PSI Water Flowing: 1433 GPM Size of Supply: 12" C/D</p>	<p>TYPE OF HAZARD RESIDENTIAL</p> <p>2. DETECTOR DISTANCE 1' TO 4'</p> <p>3. PIPE TYPE USED CPVC</p> <p>4. SPRINKLER AREA 3,324 SF</p> <p>5. TYPE OF CONSTRUCTION ...</p> <p>6. MAXIMUM SPACING ALLOWED ...</p> <p>7. PIPE SIZING METHOD PIPE SCHEDULE</p> <p>8. ALL HANGERS AND LOCATIONS TO BE IN ACCORDANCE WITH NFA PAMPHLET NO. 13</p> <p>9. HIGH DEGREE TEMPERATURE SPRINKLER HEADS TO BE INSTALLED IN ACCORDANCE WITH NFA PAMPHLET NO. 13</p>	<p>CIRCLE HANGER TYPE TO BE USED</p>	<p>HANGERS</p> <table border="1"> <tr> <th>Symbol</th> <th>Description</th> </tr> <tr> <td>○</td> <td>1/2" W/ 1/2" BALL VALVE SEALED OPEN</td> </tr> <tr> <td>○</td> <td>1/2" BALL VALVE SEALED OPEN</td> </tr> <tr> <td>○</td> <td>1/2" BALL VALVE SEALED OPEN</td> </tr> </table>	Symbol	Description	○	1/2" W/ 1/2" BALL VALVE SEALED OPEN	○	1/2" BALL VALVE SEALED OPEN	○	1/2" BALL VALVE SEALED OPEN	<p>PERMISSIBLES</p> <table border="1"> <tr> <th>ITEM</th> <th>TYPE</th> <th>STATUS</th> </tr> <tr> <td>STRENGTH</td> <td>...</td> <td>...</td> </tr> <tr> <td>...</td> <td>...</td> <td>...</td> </tr> </table>	ITEM	TYPE	STATUS	STRENGTH	<p>CONTACT RESPONSIBILITIES</p> <table border="1"> <tr> <th>ITEM</th> <th>TYPE</th> <th>STATUS</th> </tr> <tr> <td>...</td> <td>...</td> <td>...</td> </tr> </table>	ITEM	TYPE	STATUS	<p>SPRINKLER HEAD LEGEND</p> <table border="1"> <tr> <th>SYMBOL</th> <th>MAKE</th> <th>MODEL</th> <th>FINISH</th> <th>TEMP.</th> <th>N.P.T.</th> <th>ORIFICE</th> <th>K-FACTOR</th> <th>TOTAL</th> </tr> <tr> <td>○</td> <td>RELIABLE</td> <td>RFC 49</td> <td>WHITE</td> <td>155°</td> <td>1/2"</td> <td>1/2"</td> <td>4.7</td> <td>24</td> </tr> <tr> <td>○</td> <td>RELIABLE</td> <td>FIRE 44</td> <td>WHITE</td> <td>155°</td> <td>1/2"</td> <td>1/2"</td> <td>4.7</td> <td>4</td> </tr> </table>	SYMBOL	MAKE	MODEL	FINISH	TEMP.	N.P.T.	ORIFICE	K-FACTOR	TOTAL	○	RELIABLE	RFC 49	WHITE	155°	1/2"	1/2"	4.7	24	○	RELIABLE	FIRE 44	WHITE	155°	1/2"	1/2"	4.7	4	<p>SUBMITTALS</p> <table border="1"> <tr> <th>DATE SENT</th> <th>DATE RECEIVED</th> </tr> <tr> <td>...</td> <td>...</td> </tr> </table>	DATE SENT	DATE RECEIVED	<p>LICENSE # 33 RMS # 278</p> <p>SPRINKLER SYSTEMS INC. P.O. BOX 185 LEWISTON MAINE 04240</p>	<p>KING RESIDENCE 23 BAY STREET PORTLAND, MAINE 04103</p> <p>CONTRACT WITH REC'D PROP</p> <p>SYSTEM TYPE: ...</p> <p>REVISIONS:</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>...</td> <td>...</td> </tr> </table> <p>CHECKED BY: SEG DATE: 12-9-11 TOTAL SPRINKLERS: 28 SHEET # 1CF1 JOB # 11083</p>	NO.	DATE	DESCRIPTION	1
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