Markup Legend	
Delete Line	
Add Line	
Add Tee	
Add Elbow	
Add Coupling	
Add Head	A.1 A.2 A.3
Delete Head	
Move Head	
Note: All revisions must be reviewed by Uponor	

Table F002-1

SPRINKLER SYMBOL DEFINITION

XXX-XX(s1)(s2)

- SLOPED CEILING MAX. SLOPE OF 8:12 (33.7°) PITCH (MAY NOT APPLY)
- SLOPED CEILING MAX. SLOPE OF 4:12 (18.4°) PITCH (MAY NOT APPLY)
- MAXIMUM SPACING (TYP)
- SPRINKLER MODEL (TYP)
- HEAD SYMBOL (TYP)

COLOR/LINETYPE LEGEND

BLUE LINES= FEED TO FIXTURES (BATH, SHOWER, ETC.).
GREEN LINES= INTERLEVEL CONNECTIONS.
BLACK LINES= SPRINKLER HEAD TO SPRINKLER HEAD.

- = 1/2" PIPE SIZE
- = 3/4" PIPE SIZE
- = 1" PIPE SIZE
- = 1-1/4" PIPE SIZE
- = 2" PIPE SIZE

Multipurpose Fire Safety Systems

The Uponor Residential Fire Safety System is a residential fire protections system installed in combination with the cold side of the domestic potable water system. Only licensed contractors trained by Uponor can install this system.

What to do if Changes are Required

If any features or obstructions require the addition or deletion of sprinkler heads, or significant relocation of sprinkler heads, contact the Uponor Design Department to determine if observed changes require a redesign (888.594.7726).

MOST HYDRAULICALLY REMOTE HEADS

	HEAD #	GPM	PRESSURE REQ'D AT STREET
1 HEAD	H.31	18	45.52
2 HEAD	H.30 & H.26	26.2894	53.24

R44-16 - - - 1
RELIABLE Model F1-R44 Recessed Sidewall Sprinkler----Deflector 4"-6" Down
K=4.4, 155F°, 3/8" Orifice, Maximum Spacing 16'x16'
Sprinkler head demand: 16 gpm @ 13.3

R44-14 - - - 3
RELIABLE Model F1-R44 Recessed Sidewall Sprinkler----Deflector 4"-6" Down
K=4.4, 155F°, 3/8" Orifice, Maximum Spacing 14'x14'
Sprinkler head demand: 14.1 gpm @ 10.2

RC-RES-16 - - - 30
SENJU SPRINKLER Model RC-RES Flat Concealed Pendent Quick Responce
K=4.9, 162F°, 7/16" Orifice, Maximum Spacing 16'x16'
Sprinkler head demand: 13 gpm @ 7.04

RC-RES-18 - - - 2
SENJU SPRINKLER Model RC-RES Flat Concealed Pendent Quick Responce
K=4.9, 162F°, 7/16" Orifice, Maximum Spacing 18'x18'
Sprinkler head demand: 18 gpm @ 13.5

13	1st Floor
13	2nd Floor
10	Basement
36	TOTAL

1" AQUAPEX INTERLEVEL CONNECTIONS FROM FIRST FLOOR TO SECOND FLOOR

FIRST FLOOR

2 / F100

1/4" = 1'-0"

1" AQUAPEX INTERLEVEL CONNECTIONS FROM BASEMENT TO FIRST FLOOR

S.1 MAIN SHUTOFF VALVE LOCATION

1" AQUAPEX TO SYSTEM

3/4" AQUAPEX INTERLEVEL CONNECTIONS FROM BASEMENT TO FIRST FLOOR

BASEMENT

1 / F100

1/4" = 1'-0"

WATER SERVICE DETAIL

3 / F100

NTS

uponor

TECHNICAL SERVICES - DESIGN DEPARTMENT
5925 148th Street West, Apple Valley, MN 55124
T 888.594.7726 **F** 952.997.1731
E-MAIL TECHSERVICES@UPONOR.COM
WEB WWW.UPONOR-USA.COM

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SALES REP:

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 5/21/2013
Planner: Benjamin Wallace Jr

10 HOWARD STREET
PORTLAND, ME 04101

DRAWN BY:	BRENT KOTULA, SET IV
CHECKED BY:	DAN HUBBARD
CERTIFICATION LEVEL:	SET IV
CERTIFICATION NUMBER:	115052
COMPANY:	FORTIN SERVICES
CONTACT:	CHARLES FORTIN
CONTACT PH. NUMBER:	207-939-4515
ALLIANCE ID:	TBD
PLOT DATE:	4/22/13
SHEET SCALE:	1/4"=1'-0"
PROJECT NUMBER:	13359F
SQUARE FEET:	3477 SQ. FT.

REVISIONS

NO.	DATE	DESCRIPTION
1	4/26/13	SIDEWALL SPRINKLERS IN FRONT ROOMS

SHEET DESCRIPTION
BASEMENT LEVEL & FIRST FLOOR

SHEET NUMBER
F100

1/4" = 1'-0"

T:\TechService\2013\Design Services\13359 10 Howard St\13359F R1\Uponor Drawing & Calcs\13359F REV 1 10 Howard St.dwg 04/26/13 - 8:28 am