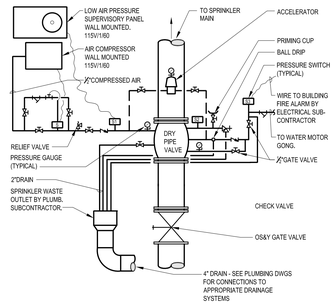
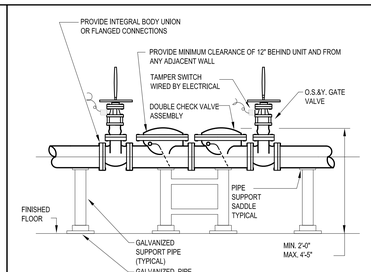
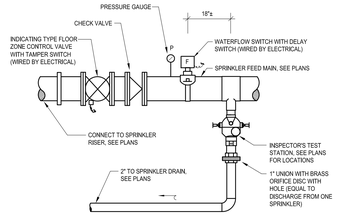


6 / FP-1 DRY PIPE SPRINKLER VALVE NTS

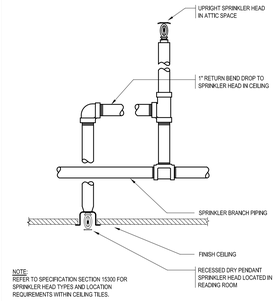


NOTES:
1. PROVIDE SPARE PARTS KIT FOR EACH INDIVIDUAL UNIT.
2. INSTALLATION SHALL COMPLY WITH ALL LOCAL AND STATE REQUIREMENTS FOR BACKFLOW PREVENTERS.
3. SERVICE PIPING AND DEVICE SHALL BE FULL-SIZE, AS INDICATED ON THE FLOOR PLANS.

1 / FP-1 DOUBLE CHECK VALVE ASSEMBLY (DCVA) NTS

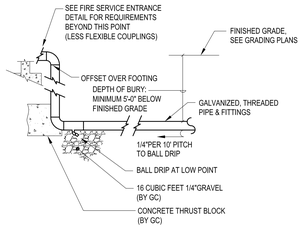


2 / FP-1 SPRINKLER ZONE CONTROL VALVE ASSEMBLY NTS

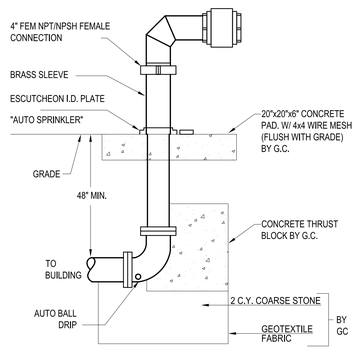


NOTE:
REFER TO SPECIFICATION SECTION 15300 FOR SPRINKLER HEAD TYPES AND LOCATION REQUIREMENTS WITHIN CEILING TILES.

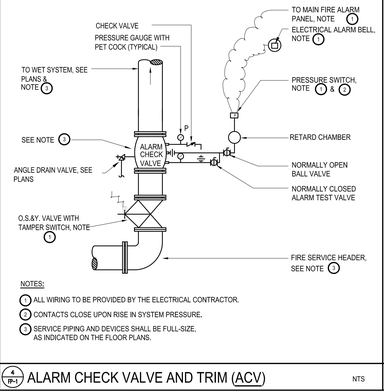
7 / FP-1 TYPICAL DRY PENDANT SPRINKLER HEAD WITH RETURN BEND DROP & UPRIGHT IN ATTIC NTS



5 / FP-1 FDI DRAIN DETAIL NTS

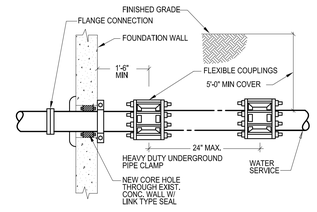


3 / FP-1 FREE STANDING STORZ FIRE DEPT. CONNECTION NTS



NOTES:
1. ALL WIRING TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
2. CONTACTS CLOSE UPON RISE IN SYSTEM PRESSURE.
3. SERVICE PIPING AND DEVICES SHALL BE FULL-SIZE, AS INDICATED ON THE FLOOR PLANS.

4 / FP-1 ALARM CHECK VALVE AND TRIM (ACV) NTS



WATER SERVICE ENTRANCE NTS

ABBREVIATIONS

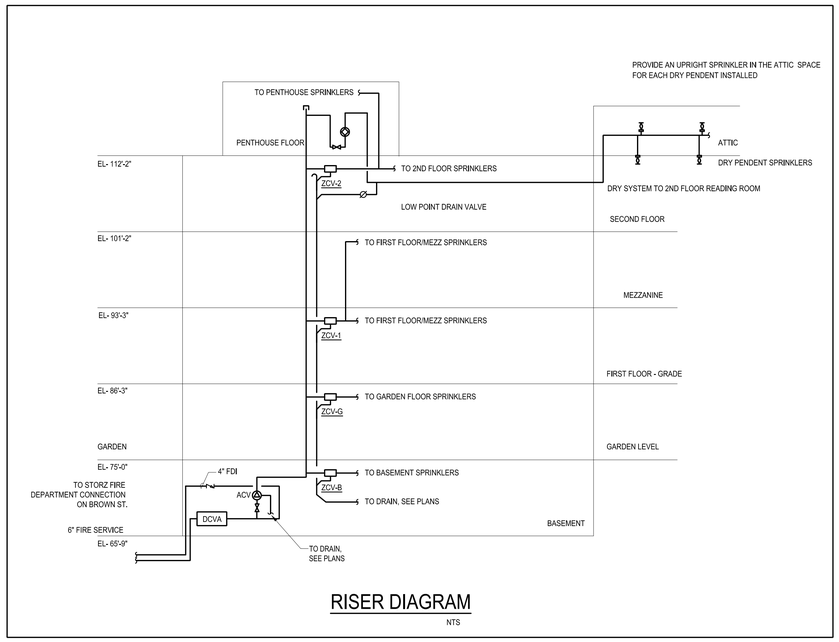
ACV	WET ALARM CHECK VALVE
AP	ACCESS PANEL OR DOOR
CONT	CONTINUATION
DWG	DRAWING
EA	EACH
EC	ELECTRICAL SUBCONTRACTOR
FDI	FIRE DEPARTMENT INLET
SC	SPRINKLER SUBCONTRACTOR
FT	FEET
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
ITC	INSPECTOR'S TEST CONNECTION
MC	MECHANICAL SUBCONTRACTOR
NTS	NOT TO SCALE
PC	PLUMBING SUBCONTRACTOR
PSI	POUNDS PER SQUARE INCH
SD	SPRINKLER DRAIN
SPR	SPRINKLER
SRC	SOURCE
TYP	TYPICAL
ZCV	ZONE CONTROL VALVE ASSEMBLY

PIPING LEGEND

FIRE	FIRE SERVICE PIPE
SPR	SPRINKLER PIPING
SD	SPRINKLER DRAIN
FDI	FIRE DEPARTMENT INLET

VALVES AND ACCESSORIES

- OS&Y VALVE WITH TAMPER SWITCH
- CHECK VALVE
- CHECK VALVE WITH AUTOMATIC BALL DRIP
- DRAIN VALVE
- ZONE CONTROL VALVE ASSEMBLY
- DOUBLE CHECK VALVE ASSEMBLY (DCVA)
- SPRINKLER HEAD - UPRIGHT
- SPRINKLER HEAD - CONCEALED PENDANT
- SPRINKLER HEAD - SIDEWALL
- DRY PENDENT SPRINKLER
- DRY SIDEWALL SPRINKLER
- WET ALARM CHECK VALVE
- DRY PIPE VALVE (DPV)
- PIPE TURNING DOWN
- PIPE RISING / OR RISING AND DROPPING
- PIPE DROP OR RISE (45°)
- PIPE DROP OR RISE (90°)
- DIRECTION OF PITCH
- WATER FLOW SWITCH
- PRESSURE SWITCH
- PRESSURE GAUGE
- HYDRAULIC CALCULATION NODE POINT
- KEYED NOTES
- NO AUTOMATIC SPRINKLERS



RISER DIAGRAM

NTS

FLOW TEST DATA

DATE	FLOW HYD LOC	READING HYD LOC	STATIC (PSI)	RESIDUAL (PSI)	FLOW (GPM)
07/31/2003	CORNER OF CONGRESS & ELM STREET	CONGRESS STREET IN FRONT OF PROJECT SITE ELEV. 87'±	78	76	1321

TEST BY PORTLAND WATER DISTRICT

DRAWING LIST

DWG. No.	DRAWING NAME:	SHEET No.
FP0.01	DETAILS & LEGENDS	1 of 4
FP1.01	BASEMENT PLAN / GARDEN FLOOR PLAN	2 of 4
FP1.02	FIRST FLOOR PLAN / FIRST FLOOR PLAN MEZZ.	3 of 4
FP1.03	SECOND FLOOR PLAN / PENTHOUSE ATTIC	4 of 4

PLOTTED: 10/04/07 - 1:04pm smorgan
G:\Projects\2006\06-27 Maine Historical Society\Arch\Drawings\FP0.01.dwg
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/18/07 (from files received on 07/18/07)
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/11/07 (from files received on 07/11/07)
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/09/07 2570roof - 2570roof.DWG (from files received on 07/09/07)
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/05/07 2570B - 2570B.DWG (from files received on 07/05/07)
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 06/27/07 2570ste - 2570ste (from files received on 06/27/07)

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PROJECT
MAINE HISTORICAL SOCIETY
489 CONGRESS ST.
PORTLAND, MAINE

DATE	REVISIONS		
05/01/07	60% CD SET		
07/02/07	100% CD REVIEW SET		
07/16/07	100% CD SET		
Date	Description	Number	

07/16/07	07/16/07	07/16/07
Date	Date	Date
MAK	SDA	RDW
Drawn By	Reviewed By	Approved By

DRAWING TITLE
DETAILS AND LEGENDS
NONE
Scale

DRAWING NUMBER
FP0.01

Sheet 1 of 4