



HYDRAULIC DESIGN DATA	
System H & Area	H1 - M4
No. of Sprinklers	3
Branch	0.05 GPM
Design Area	CCM
Water Allowance	N/A GPM
Water Flow Rate	59 GPM
Residual Pressure at Base of Riser	40 PSI
SAFETY FACTOR	5/75
SAFETY FACTOR	PS1

**BASMENT FIRE PROTECTION**  
1:1/8" = 1' QUANTITY = 21  
SCALE 1/4"=1'-0"

**GROUND FLOOR FIRE PROTECTION**  
1:1/8" = 1' QUANTITY = 19  
SCALE 1/4"=1'-0" QUANTITY = 5

REVISIONS	NOTES	HEAD COUNT
1		SPRINKLER TYPE IDENTIFICATION NO. MFG. ESC. MODEL FINISH ORIFICE TEMP. SYMBOL QUANT.
2		QUICK RESP. PENDANT K-4.9 T72234 T7C0 N/A LTI BRASS 1/2" 155° 19
3		QUICK RESP. SIDEWALL K-4.4 T72324 T7C0 N/A LTI WHITE 1/2" 155° 18
4		QUARTER SIDEWALL K-4.4 T72325 T7C0 N/A LTI BRASS 1/2" 155° 2
TOTAL SPRINKLERS THIS DRAWING		39

STANDARD SYMBOLS	STANDARD SYMBOLS
POST INDICATOR VALVE	ALARM CHECK VALVE
KEY VALVE	RSBR W/ALARM VALVE
FIRE INDICANT	RSBR W/DRY VALVE
FIRE DEPT. CONNECTION	RSBR W/ELEC. FLOW SWITCH
O.S. & Y GATE VALVE	RSBR W/RELIEF VALVE
SWING CHECK VALVE	WATER MOTOR BELL
NEW UNDERGROUND	ELECTRIC BELL
EXIST UNDERGROUND	FRESH AIR INTAKE

INSPECTIONS
1.
2.
3.
4.
RESPONSIBLE MANAGING SUPERVISOR 2448
CONTRACTOR LICENSE 795

191 PINE STREET  
PORTLAND, MAINE 04103

**FIRE PROTECTION PLAN**

FREEDOM FIRE PROTECTION, INC.  
209 QUAKER RIDGE ROAD  
CASCO, MAINE 04015

JOB No. MO087  
DATE 9/7/12  
DRAWN BY MAN  
SCALE AS NOTED  
SHEET No. FP-2015