Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 02/21/14

NOTE ON PLAN: "A" DIMENSION

PIPE SIZES 1" THROUGH 4" – ROD SIZE 3/8"
PIPE SIZES 5" THROUGH 8" – ROD SIZE 1/2"

TYPE #10 HANGER

SECOND FLOOR FIRE PROTECTION

SCALE 1/4"=1'-0"

QUANTITY ◁ = 18

HYDRAULIC DESIGN DATA		
System # & Area	#1 – #1 2ND FLOOR	
No. of Sprinklers	2	
Density	0.05	GPM
Designed Area	ROOM	
Hose Allowance	N/A	GPM
Water Flow Rate	28	GPM
Residual Pressure at Base of Riser	64	PSI
Safety Factor at Base of Riser	7.67	PSI

BASEMENT FIRE PROTECTION

SCALE 1/4"=1'-0"

QUANTITY ⊘ = 9
QUANTITY ◁ = 3

GROUND FLOOR FIRE PROTECTION

SCALE 1/4"=1'-0"

QUANTITY ● = 6
QUANTITY ◁ = 6

REVISIONS	NOTES
	K=4.9 PENDANT SPRINKLER COVERAGE: 16'X16'
	K=4.4 SIDEWALL SPRINKLER COVERAGE: 14'X14'

HEAD COUNT

SPRINKLER TYPE	IDENTIFICATION NO.	MFG.	ESC.	MODEL	FINISH	ORIFICE	TEMP.	SYMBOL	QUANT.
QUICK RESP. PENDANT K= 4.9	TY2524	TYCO	CONCEALED	LFII	WHITE	1/2"	155°	●	6
QUICK RESP. PENDANT K= 4.9	TY2234	TYCO	N/A	LFII	BRASS	1/2"	155°	⊘	9
QUICK RESP. SIDEWALL K= 4.4	TY2334	TYCO	2 PIECE	LFII	WHITE	1/2"	155°	◁	30
TOTAL SPRINKLERS THIS DRAWING									45

STANDARD SYMBOLS

- POST INDICATOR VALVE
- KEY VALVE
- FIRE HYDRANT
- FIRE DEPT. CONNECTION
- O.S. & Y GATE VALVE
- SWING CHECK VALVE
- NEW UNDERGROUND
- EXIST UNDERGROUND

STANDARD SYMBOLS

- ALARM CHECK VALVE
- RISER W/ALARM VALVE
- RISER W/DRY VALVE
- RISER W/ELEC. FLOW SWITCH
- RISER W/DELUGE VALVE
- WATER MOTOR BELL
- ELECTRIC BELL
- FLUSH FIRE DEPT. CONNECTION

INSPECTIONS

1.
2.
3.
4.
5.

RESPONSIBLE MANAGING SUPERVISOR #348
CONTRACTOR LICENSE #295

208 HICKS STREET
PORTLAND, MAINE 04103

FIRE PROTECTION PLAN

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

JOB No.	M0121
DATE	5/16/13
DRAWN BY	MJN
SCALE	AS NOTED
SHEET No.	FP–2of2