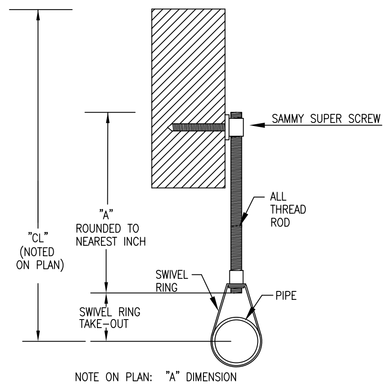
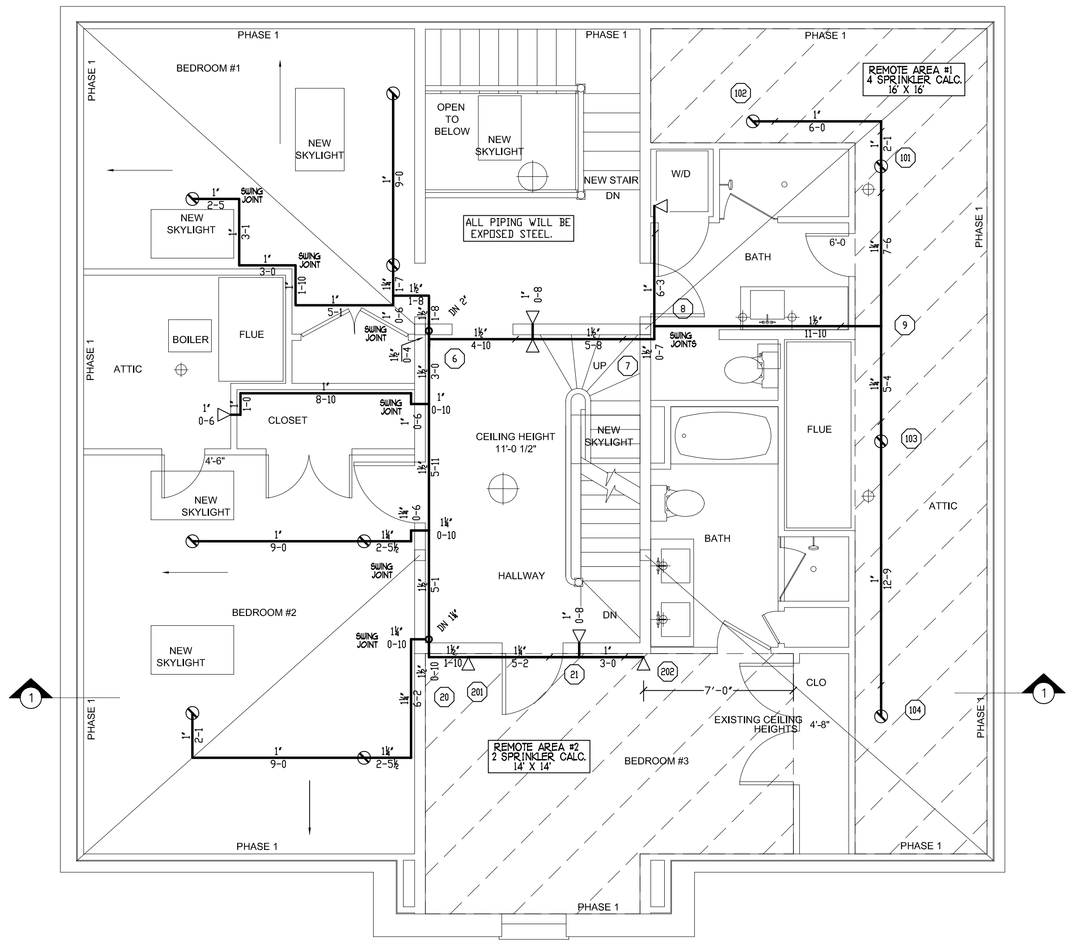


NOTE ON PLAN: "A" DIMENSION
PIPE SIZES 1" THROUGH 4" – ROD SIZE 3/8"
PIPE SIZES 5" THROUGH 8" – ROD SIZE 1/2"

TYPE #10 HANGER

NO SCALE



FOURTH FLOOR FIRE PROTECTION

SCALE 1/4"=1'-0"

QUANTITY ◁ = 7
QUANTITY ⃠ = 11

HYDRAULIC DESIGN DATA

System # & Area	#1 – #1
No. of Sprinklers	4
Density	0.05 GPM
Designed Area	ROOM
Hose Allowance	N/A
Water Flow Rate	54 GPM
Residual Pressure at Base of Riser	40 PSI
Safety Factor at Base of Riser	6.10 PSI

HYDRAULIC DESIGN DATA

System # & Area	#1 – #2
No. of Sprinklers	2
Density	0.05 GPM
Designed Area	ROOM
Hose Allowance	N/A GPM
Water Flow Rate	29 GPM
Residual Pressure at Base of Riser	39 PSI
Safety Factor at Base of Riser	7.02 PSI

REVISIONS	NOTES

HEAD COUNT

SPRINKLER TYPE	IDENTIFICATION NO.	MFG.	ESC.	MODEL	FINISH	ORIFICE	TEMP.	SYMBOL	QUANT.
QUICK RESP. PENDANT K= 4.9	TY2234	TYCO	N/A	LF11	BRASS	1/2"	155°	⃠	11
QUICK RESP. SIDEWALL K= 4.4	TY2334	TYCO	2 PIECE	LF11	WHITE	1/2"	155°	◁	7
TOTAL SPRINKLERS THIS DRAWING									18

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	

191 PINE STREET
PORTLAND, MAINE 04103

FIRE PROTECTION PLAN

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

JOB No.	M0087
DATE	9/14/12
DRAWN BY	MJN
SCALE	AS NOTED

SHEET No.

FP–4of5