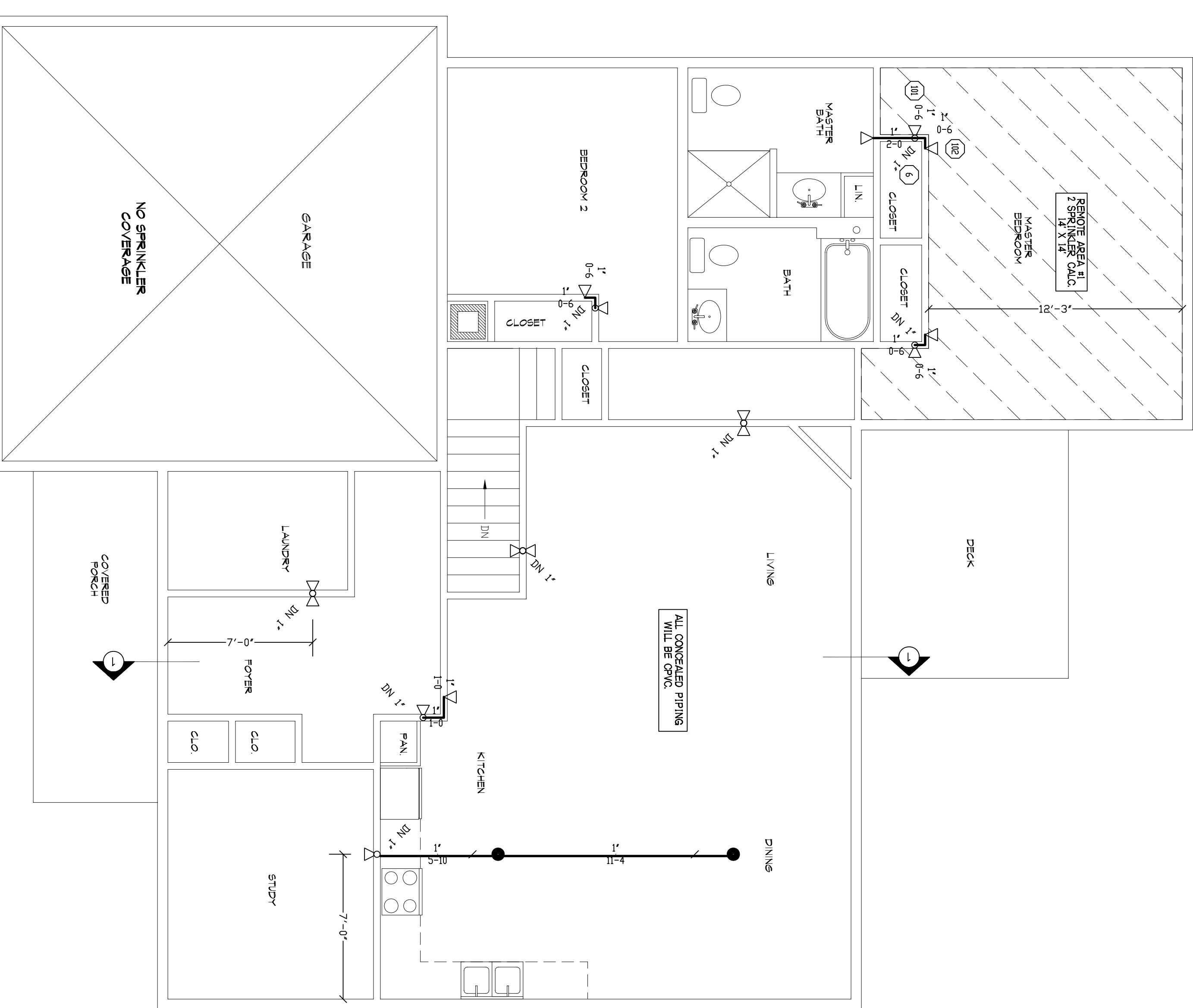
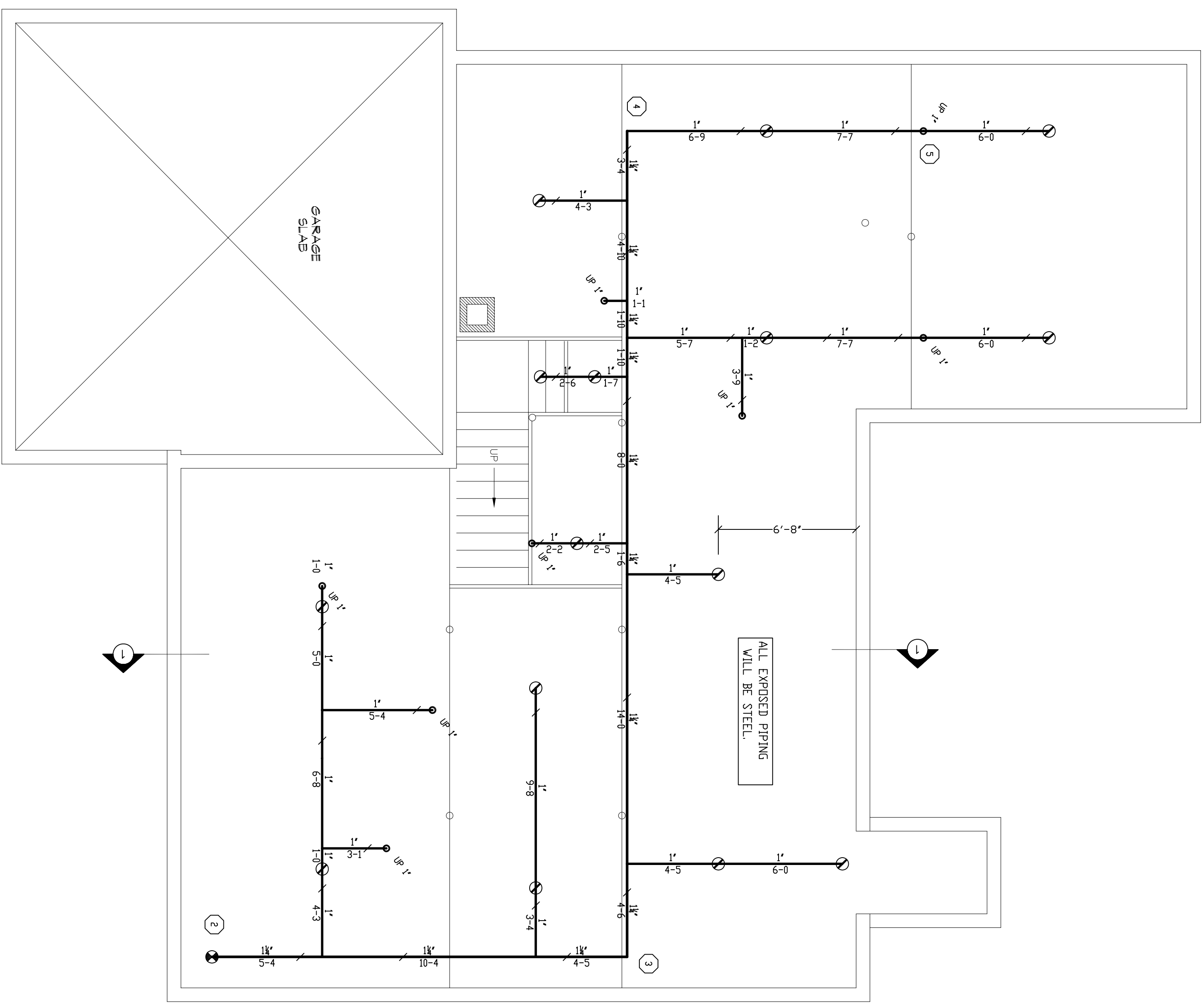
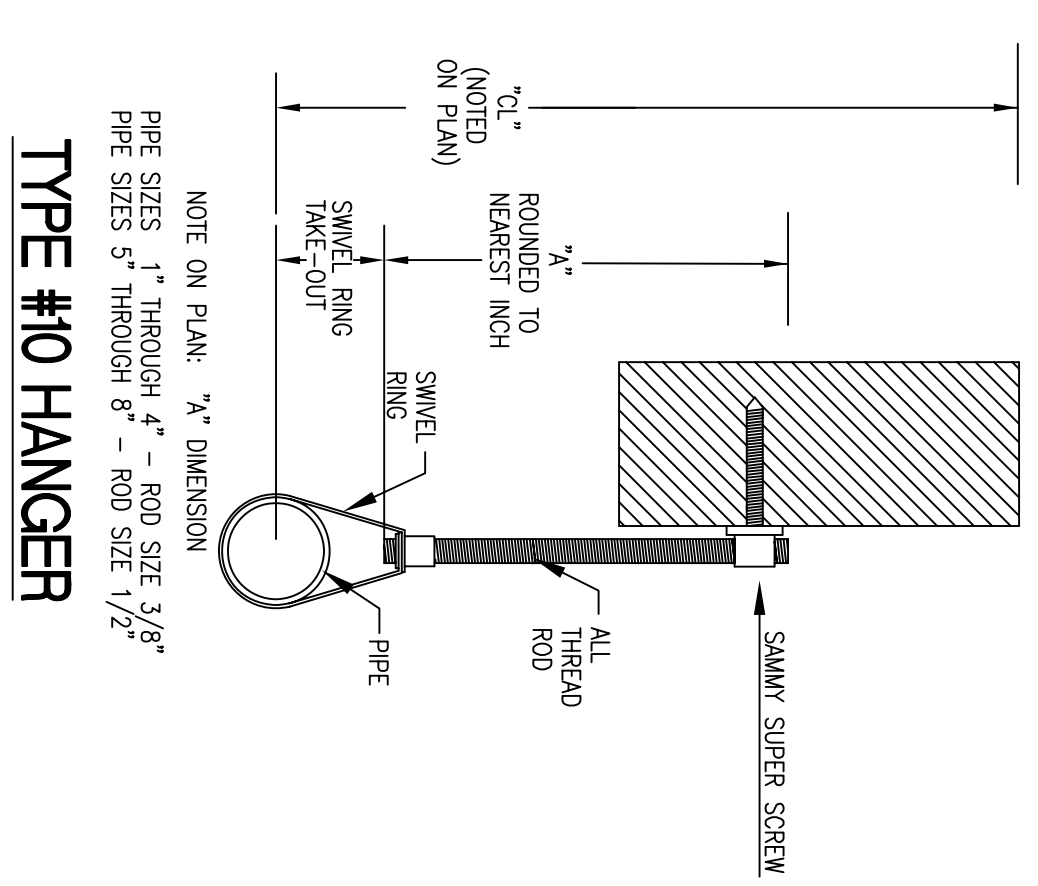


HYDRAULIC DESIGN DATA	
System # & Area	#1 - #1
No. of Sprinklers	2
Design Area	0.05 GPM
Design Area	2 SPRINK.
Design Allowance	N/A GPM
Water Flow Rate	28 GPM
Residual Pressure at Base of Riser	60 PSI
Safety Factor at Base of Riser	134.1 PSI



**BASEMENT FIRE PROTECTION**  
 SCALE 1/4"=1'-0" QUANTITY Q=15

**GROUND FLOOR FIRE PROTECTION**  
 SCALE 1/4"=1'-0" QUANTITY Q=2

REVISIONS	NOTES	SPRINKLER TYPE	IDENTIFICATION NO.	MFG.	ESC.	MODEL	FINISH	ORIFICE	TEMP.	SYMBOL	QUANT.
3/27/13	ADDED SPRINKLER TO MASTER BATHROOM ON 1ST FLOOR	K-4.9	TR2324	TRGD	N/A	LTJ1	BRASS	1/2"	155°	●	15
		K-4.4	TR2324	TRGD	N/A	LTJ1	WHITE	1/2"	155°	○	2
		QUICK RESP. STEMMAL K-4.4	TR2324	TRGD	2 PIECE	LTJ1	WHITE	1/2"	155°	□	16
TOTAL SPRINKLERS THIS DRAWING											33

STANDARD SYMBOLS	
⊗	POST INDICATOR VALVE
⊙	KEY VALVE
⊕	FIRE HOBS
⊖	FIRE DEPT. CONNECTION
⊗	O.S. & Y GATE VALVE
⊕	SWING CHECK VALVE
⊖	NEW UNDERGROUND
⊗	EXIST. UNDERGROUND

STANDARD SYMBOLS	
⊕	ALARM CHECK VALVE
⊖	RSBR W/ALARM VALVE
⊕	RSBR W/DRY VALVE
⊖	RSBR W/ELEC. FLOW SWITCH
⊕	RSBR W/RELUC. VALVE
⊖	WATER MOTOR BELL
⊕	ELECTRIC BELL
⊖	FUSIBLE FINE DEPT. CONNECTION

INSPECTIONS	
1.	
2.	
3.	
4.	

SKYLARK RANCH  
 87 SKYLARK ROAD  
 PORTLAND, MAINE 04103

FIRE PROTECTION PLAN

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

JOB No. M0110  
 DATE 2/25/13  
 DRAWN BY MAN  
 SCALE AS NOTED  
 SHEET No. FP-2012