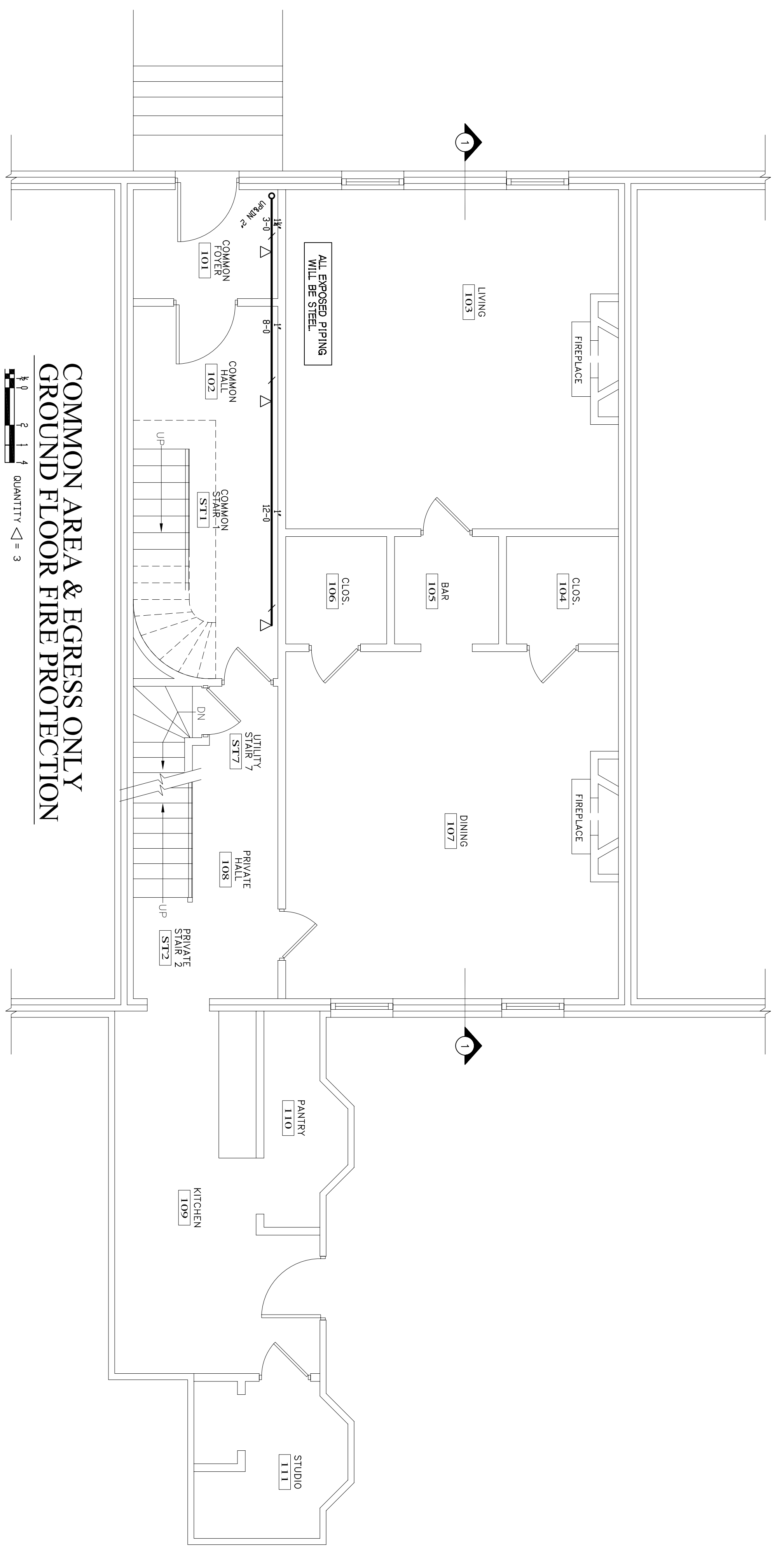
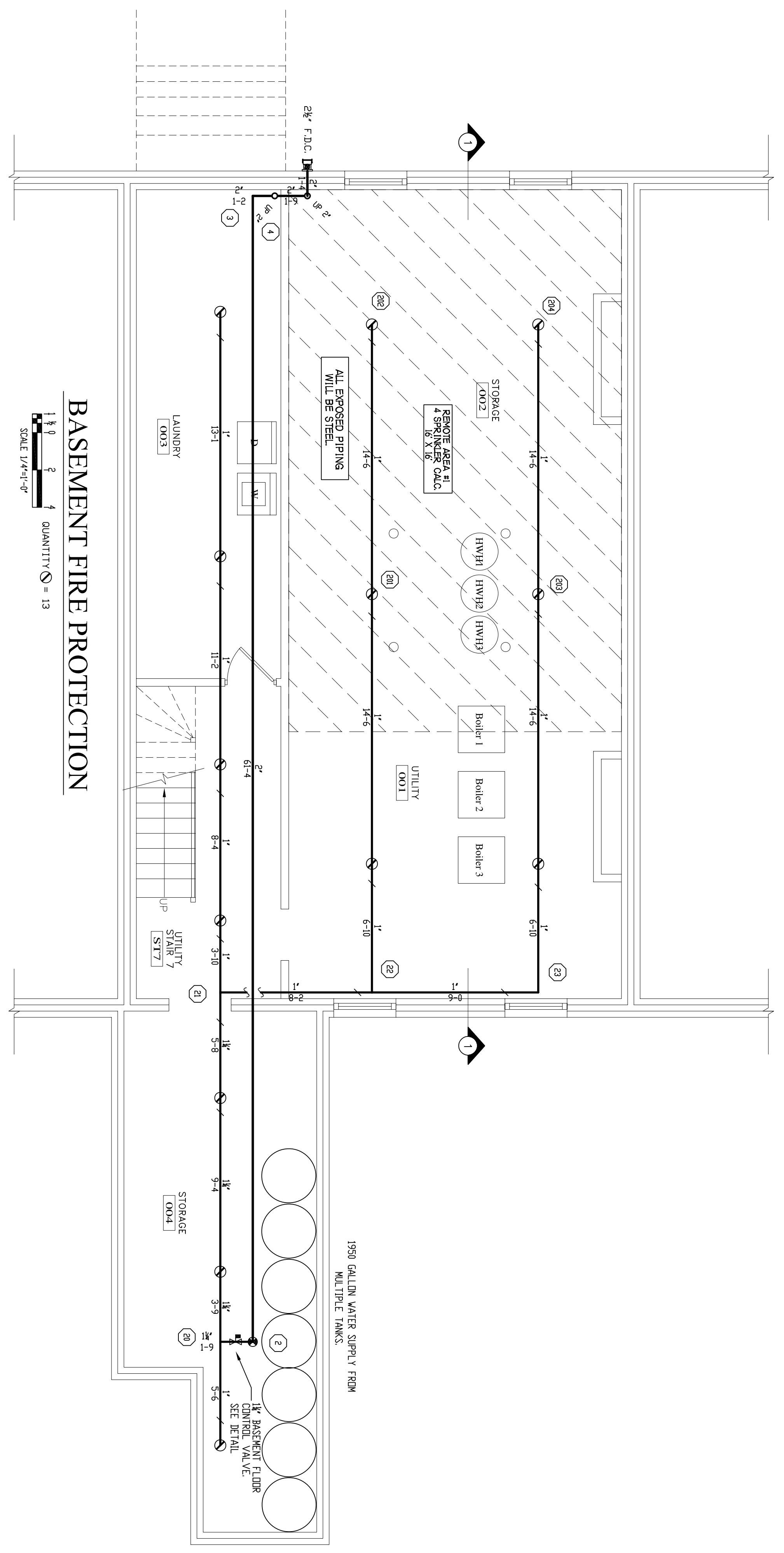


NOTE ON PLAN: "X" DIMENSION
 PIPE SIZES 1" THROUGH 4" - ROD SIZE 3/8"
 PIPE SIZES 5" THROUGH 8" - ROD SIZE 1/2"
TYPE #10 HANGER

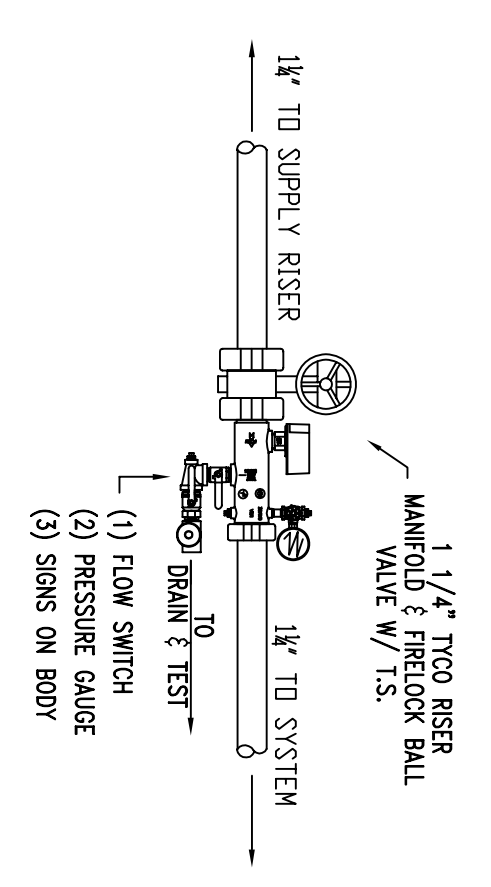


**COMMON AREA & EGRESS ONLY
 GROUND FLOOR FIRE PROTECTION**
 SCALE 1/4"=1'-0"
 QUANTITY \triangleleft 3

HYDRAULIC DESIGN DATA	
System # & Area	BASMENT
No. of Sprinklers	4
Density	0.05 GPM
Design Area	RDM
Hose Allowance	N/A GPM
Water Flow Rate	63 GPM
Residual Pressure at Base of Risers	44 PSI
Safety Factor	1.684 PSI



BASMENT FIRE PROTECTION
 SCALE 1/4"=1'-0"
 QUANTITY \odot 13



BASMENT FLOOR CONTROL VALVE

REVISIONS	NOTES	SPRINKLER TYPE	IDENTIFICATION NO.	WFG.	ESC.	MODEL	FINISH	ORIFICE	TEMP.	SYMBOL	QUANT.
		K-4.9	REQUANT SPRINKLER COVERAGE 8/19/12								
		K-4.4	STEWELL SPRINKLER COVERAGE 1/14/12								
		QUICK RESP. PENDANT K-4.9	TR2234		N/A	UT1	BRASS	1/2"	155°	\odot	13
		QUICK RESP. STEWELL K-4.4	TR2324		2 PIECE	UT2	BRASS	1/2"	155°	\triangleleft	3
TOTAL SPRINKLERS THIS DRAWING											

STANDARD SYMBOLS											
\odot	POST INDICATOR VALVE	\triangleleft	ALARM CHECK VALVE								
\square	KEY VALVE	\square	RSBR W/ARM VALVE								
\square	FIRE HOSE INLET	\square	RSBR W/DRY VALVE								
\square	FIRE DEPT CONNECTION	\square	RSBR W/ELEC. FLOW SWITCH								
\square	O.S. & Y GATE VALVE	\square	RSBR W/RELUC. VALVE								
\square	SWING CHECK VALVE	\square	WATER MOTOR BELL								
\square	NON UNDERGROUND	\square	ELECTRIC BELL								
\square	DRN UNDERGROUND	\square	FRESH AIR DEPT CONNECTION								

INSPECTIONS		
1.		
2.		
3.		
4.		

106 PARK STREET		JOB No.	M0097
PORTLAND, MAINE 04101		DATE	11/19/12
FIRE PROTECTION PLAN		DRAWN BY	MAN
FREDDOM FIRE PROTECTION, INC.		SCALE	AS NOTED
209 QUAKER RIDGE ROAD		SHEET No.	
CASCO, MAINE 04015			
			FP-2013