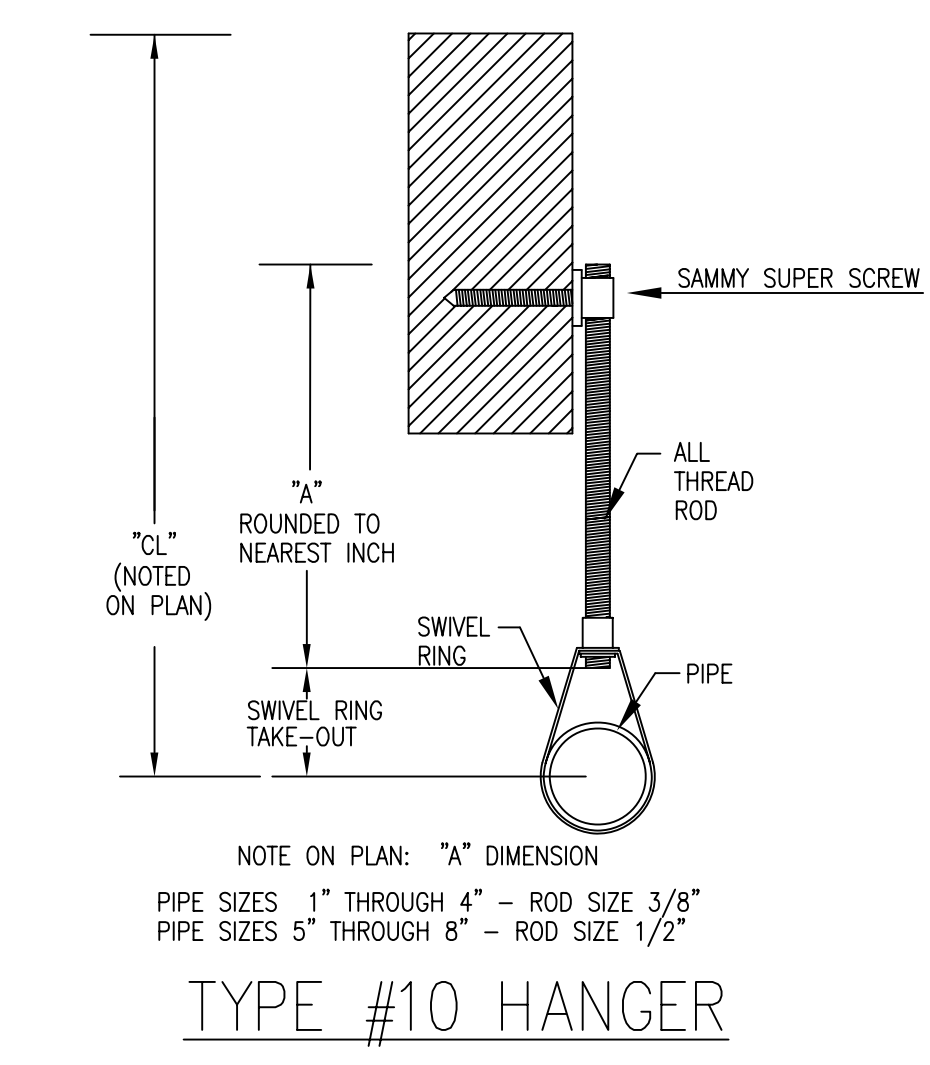
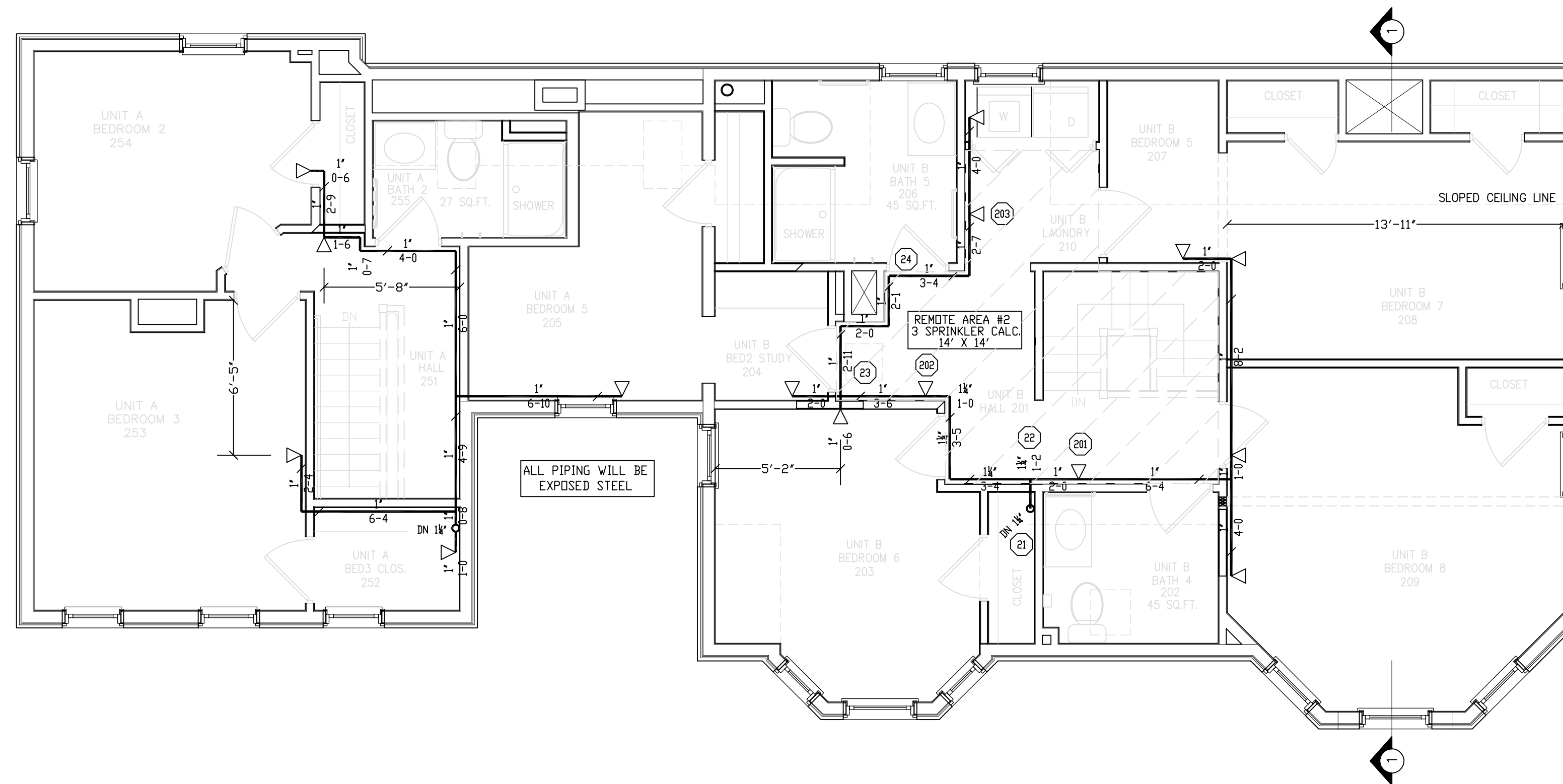
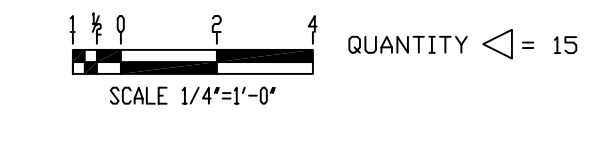


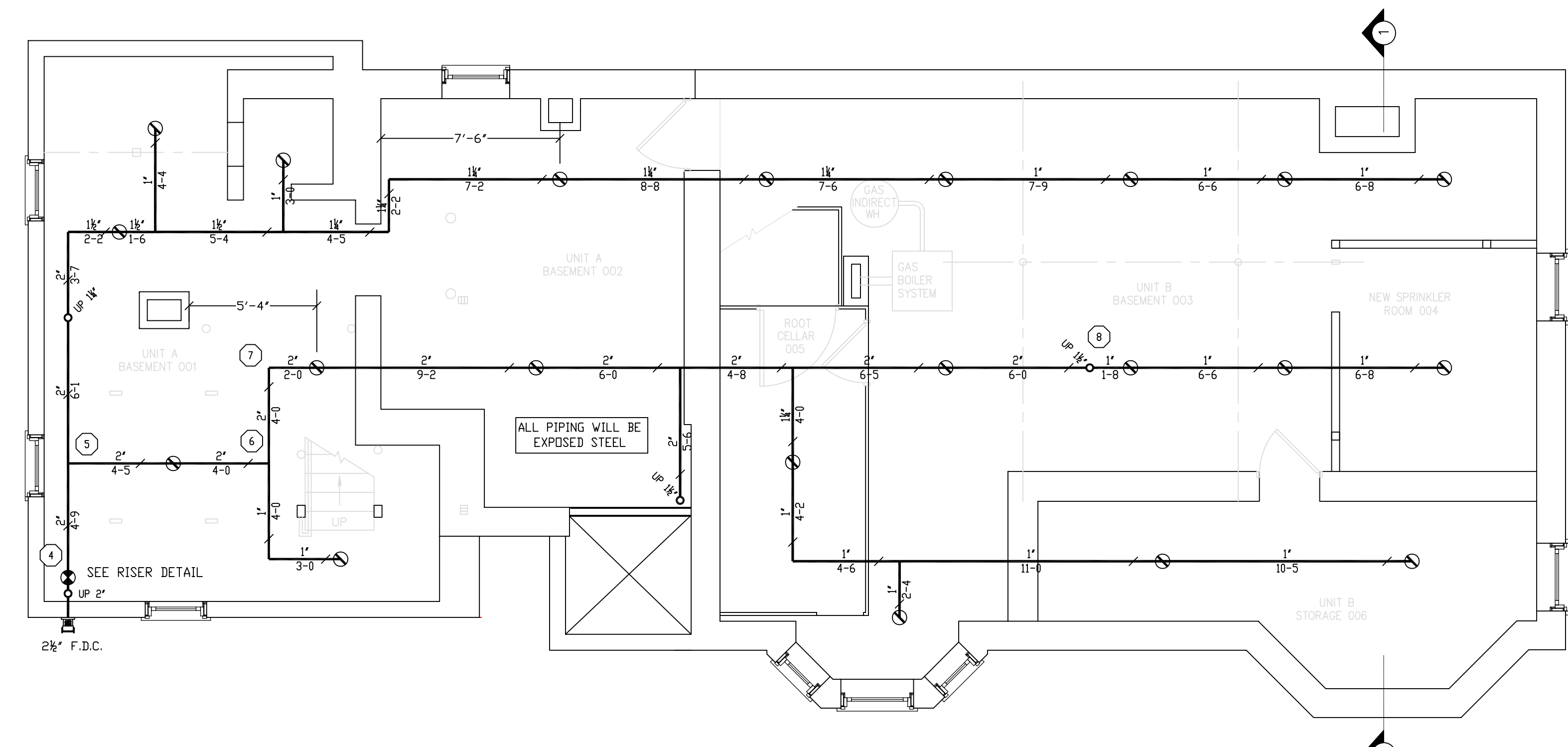
HYDRAULIC DESIGN DATA	
System # & Area	#1 - #2 2ND FLOOR
No. of Sprinklers	3
Density	0.05 GPM
Designed Area	3 SPRINKS
Hose Allowance	N/A GPM
Water Flow Rate	45 GPM
Residual Pressure at Base of Riser	40 PSI
Safety Factor at Base of Riser	14.41 PSI



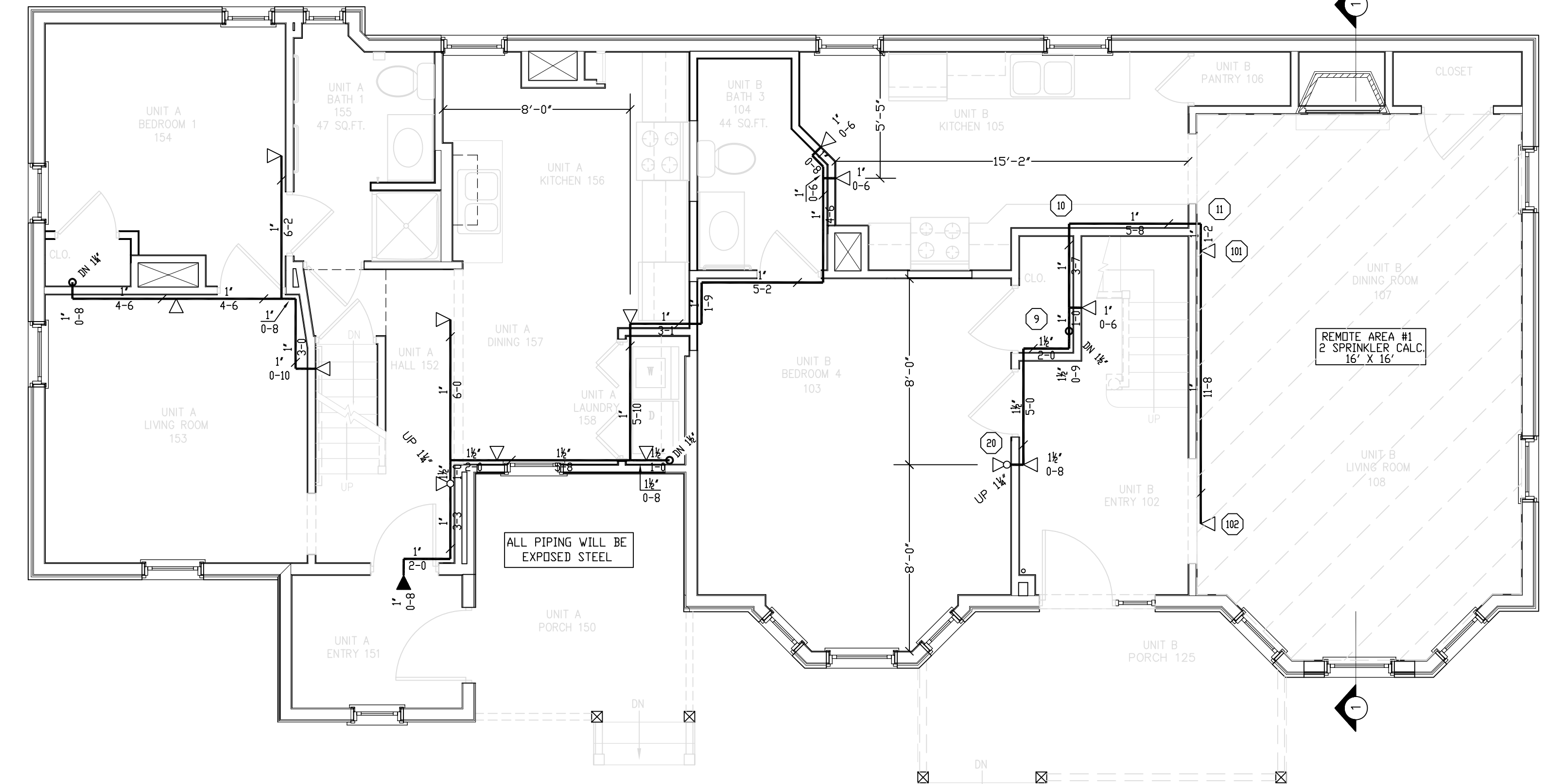
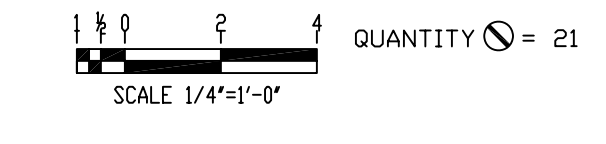
SECOND FLOOR FIRE PROTECTION



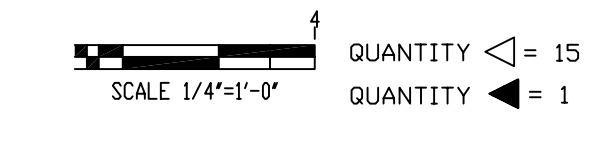
HYDRAULIC DESIGN DATA	
System # & Area	#1 - #1 1ST FLOOR
No. of Sprinklers	2
Density	0.05 GPM
Designed Area	2 SPRINKS
Hose Allowance	N/A GPM
Water Flow Rate	33 GPM
Residual Pressure at Base of Riser	36 PSI
Safety Factor at Base of Riser	17.89 PSI



BASEMENT FIRE PROTECTION



GROUND FLOOR FIRE PROTECTION



REVISIONS	NOTES	SPRINKLER TYPE	IDENTIFICATION NO.	MFG.	ESC.	MODEL	FINISH	ORIFICE	TEMP.	SYMBOL	QUANT.
	K=4.9 PENDANT SPRINKLER COVERAGE 16'X16'	QUICK RESP. PENDANT K= 4.9	TY2234	TYCO	N/A	LFI	BRASS	1/2"	155°	◊	21
	K=4.4 SIDEWALL SPRINKLER COVERAGE 1ST FLOOR 16'X16'	QUICK RESP. SIDEWALL K= 4.4	TY2334	TYCO	2 PIECE	LFI	WHITE	1/2"	155°	◊	30
	K=4.4 SIDEWALL SPRINKLER COVERAGE 2ND FLOOR 14'X14'	DRY SIDEWALL K= 4.4	TY2335	TYCO	N/A	LFI	BRASS	1/2"	155°	◊	1
TOTAL SPRINKLERS THIS DRAWING											52

STANDARD SYMBOLS		STANDARD SYMBOLS	
◊	- POST INDICATOR VALVE	◊	- ALARM CHECK VALVE
◊	- KEY VALVE	◊	- RISER W/ALARM VALVE
◊	- FIRE HYDRANT	◊	- RISER W/ELEC. FLOW SWITCH
◊	- FIRE DEPT. CONNECTION	◊	- O.S. & Y GATE VALVE
◊	- O.S. & Y GATE VALVE	◊	- RISER W/DELUGE VALVE
◊	- SWING CHECK VALVE	◊	- WATER MOTOR BELL
◊	- NEW UNDERGROUND	◊	- ELECTRIC BELL
◊	- EXIST UNDERGROUND	◊	- FLUSH FIRE DEPT. CONNECTION

INSPECTIONS	
1.	
2.	
3.	
4.	
5.	
RESPONSIBLE MANAGING SUPERVISOR #348	
CONTRACTOR LICENSE #295	

BRACKETT HOUSE
325 BRACKETT STREET
PORTLAND, MAINE 04101

FIRE PROTECTION PLAN

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

JOB No.	M0148
DATE	11/14/13
DRAWN BY	MJN
SCALE	AS NOTED
SHEET No.	FP-2 of 2