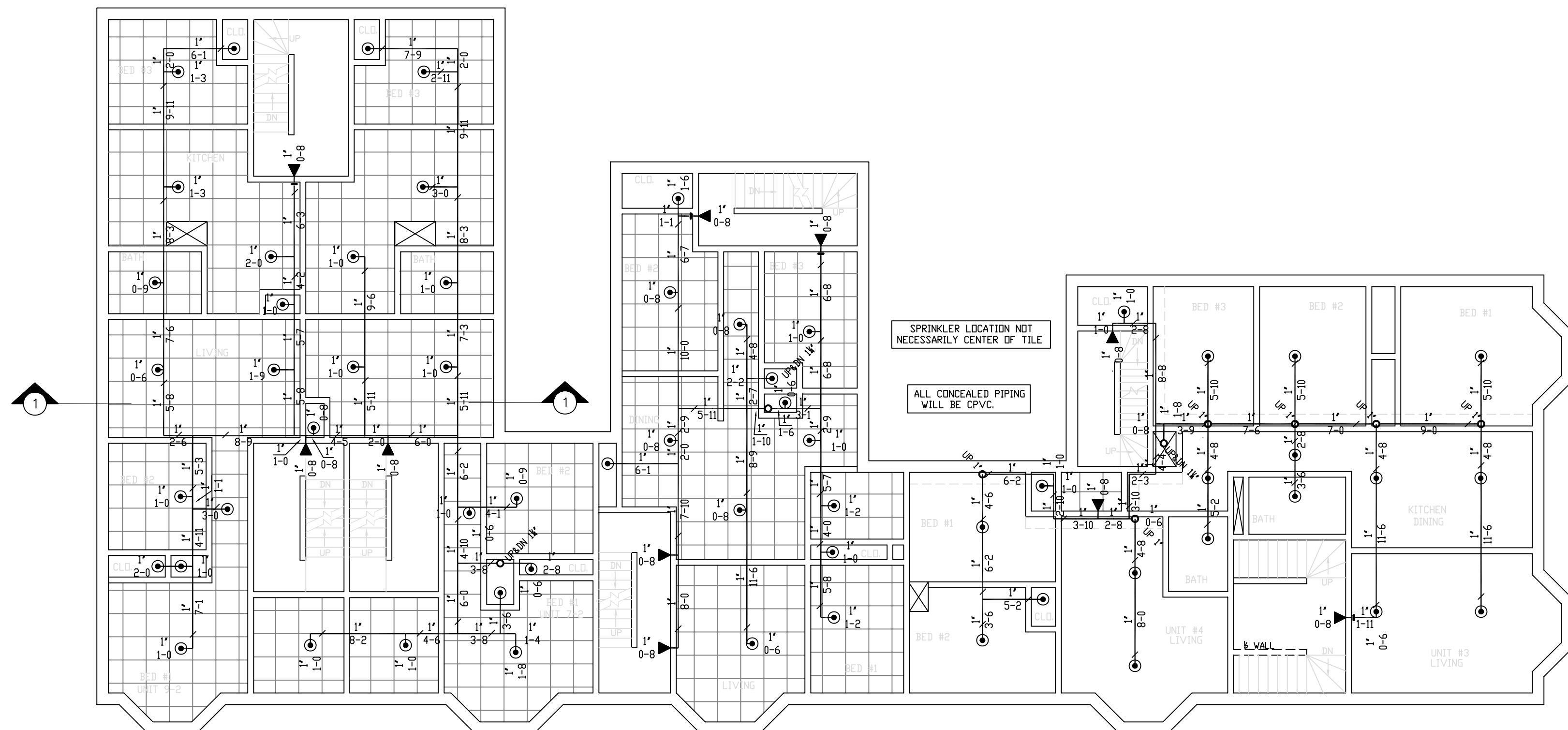
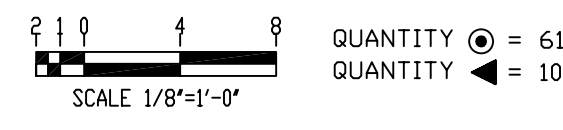
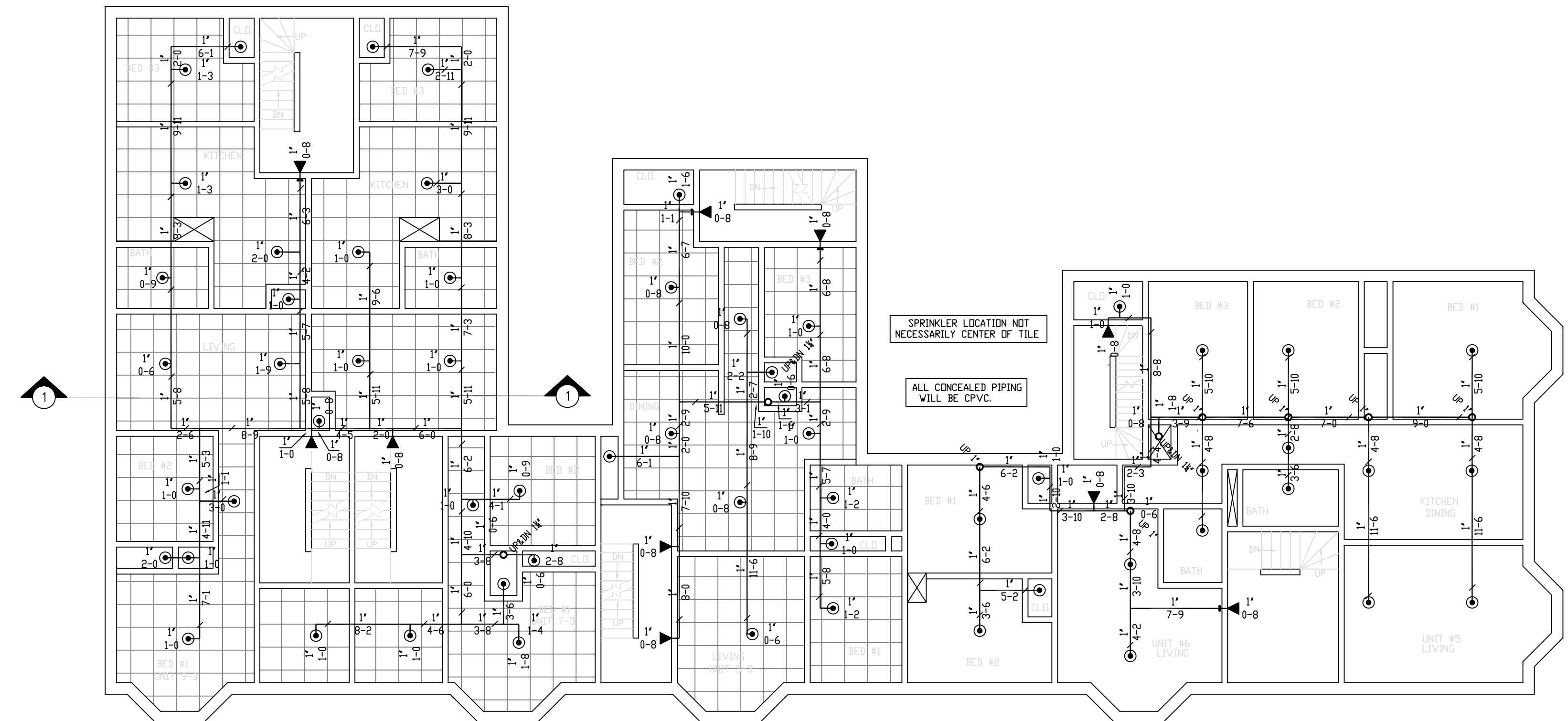
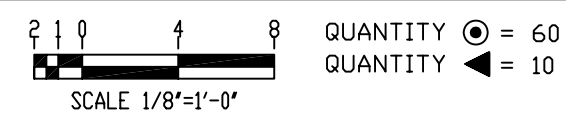


HYDRAULIC DESIGN DATA	
System # & Area	#1 - #2
No. of Sprinklers	4
Density	0.05 GPM
Designed Area	4 SPRINKS
Hose Allowance	N/A
Water Flow Rate	54 GPM
Residual Pressure at Base of Riser	58 PSI
Safety Factor at Base of Riser	2221 PSI

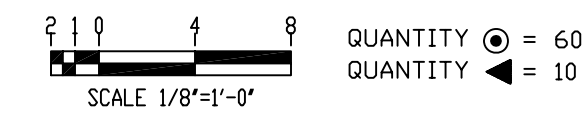
FOURTH FLOOR FIRE PROTECTION



SECOND FLOOR FIRE PROTECTION



THIRD FLOOR FIRE PROTECTION



REVISIONS	NOTES
1/2/14 ADDED SPRINKLERS TO APARTMENT BATHROOMS AND CLOSETS.	K=56 SIDEWALL SPRINKLER COVERAGE: 14'X14' K=49 RESIDENTIAL PENDANT SPRINKLER COVERAGE: 16'X16'

SPRINKLER TYPE	IDENTIFICATION NO.	MFG.	ESC.	MODEL	FINISH	ORIFICE	TEMP.	SYMBOL	QUANT.
QUICK RESP. PENDANT K= 4.9	TY2834	TYCD	N/A	LFII	WHITE	1/2"	155°	○	181
DRY SIDEWALL K= 5.6	TY 3335	TYCD	N/A	DS-1	BRASS	1/2"	155°	◀	38

HEAD COUNT									
TOTAL SPRINKLERS THIS DRAWING									
									211

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

229 CONGRESS STREET
PORTLAND, MAINE 04101

FIRE PROTECTION PLAN

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

JOB No.	M0153
DATE	12/27/13
DRAWN BY	MJN
SCALE	AS NOTED
SHEET No.	FP-3 of 3