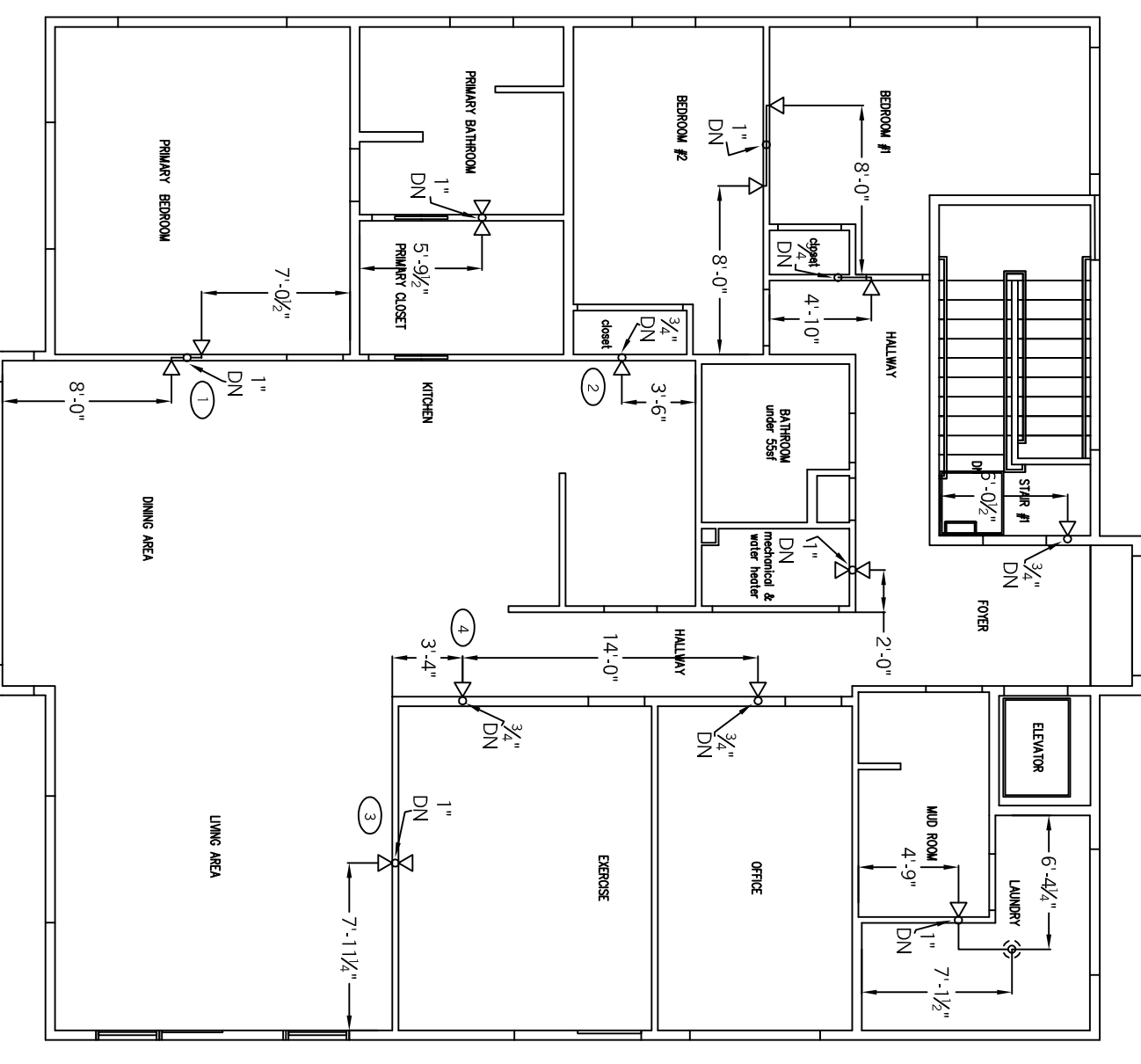
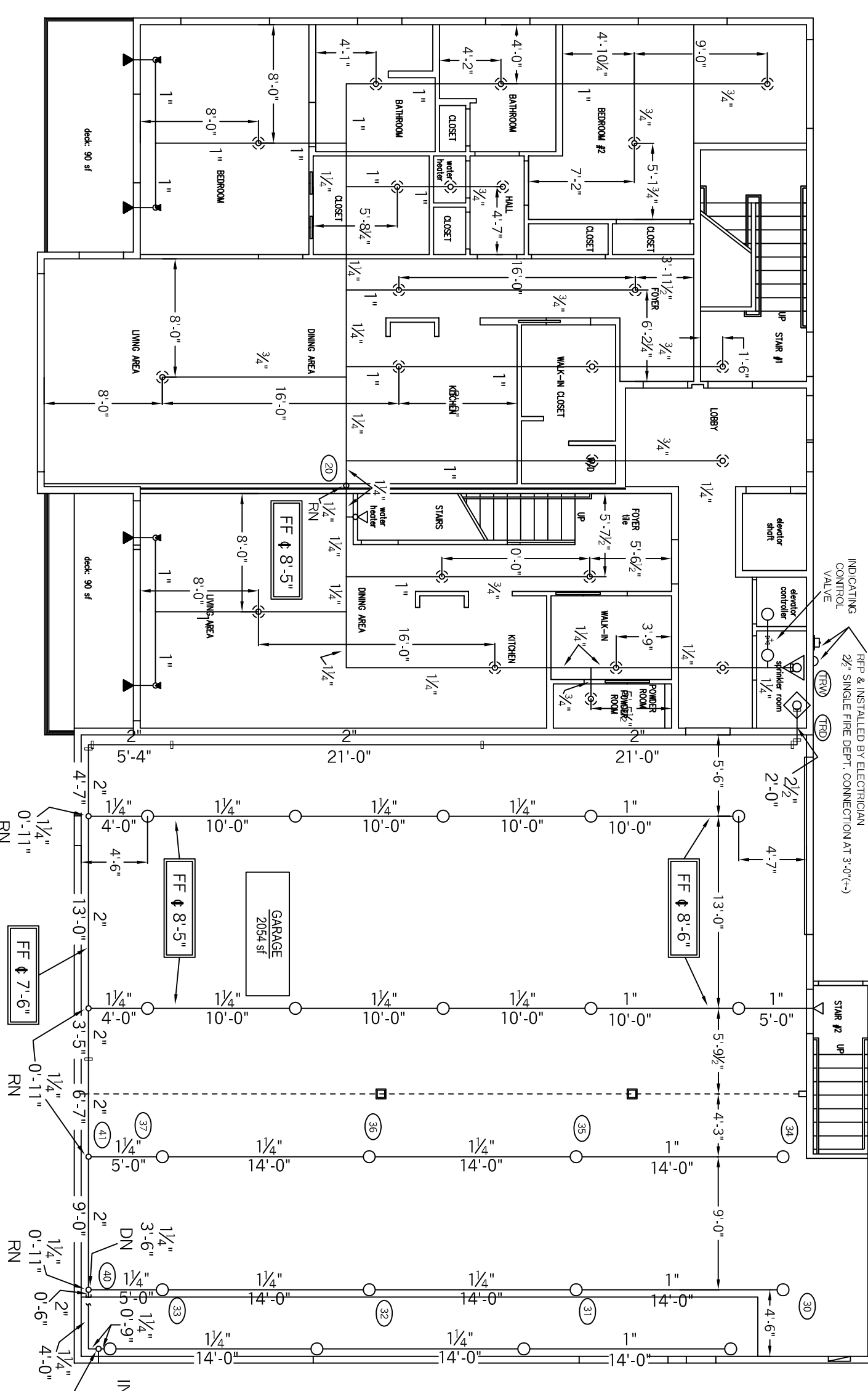


SECOND FLOOR



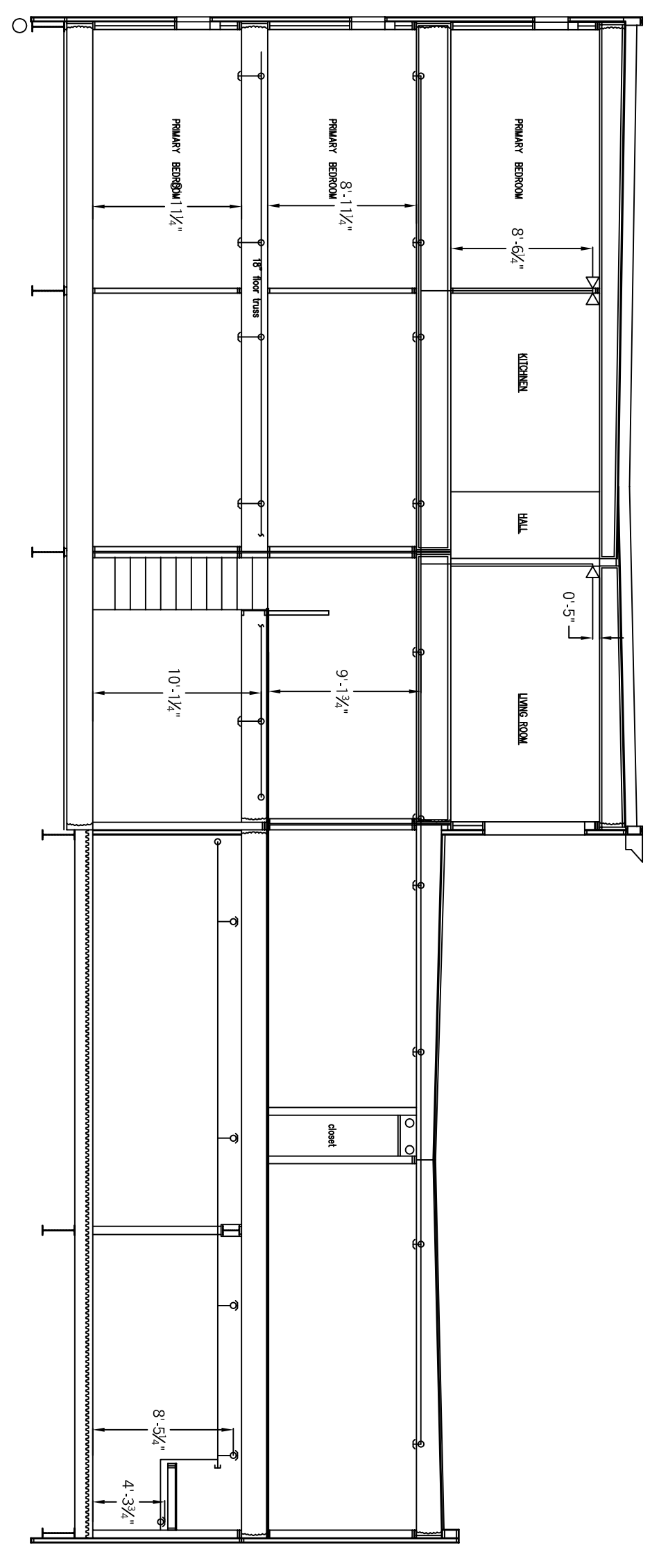
THIRD FLOOR

HYDRAULIC DATA:
 THIRD FLOOR
 BASIS OF DESIGN NFPA 13R
 DENSITY AREA OF COVERAGE
 4 SPRINKLERS
 TOTAL THREAD TEMP 155
 SYSTEM DEMAND AT PUMP OUTLET:
 PRESSURE FLOW HOSE 100
 461.58 154.6586
 SAFETY MARGIN: 33.664
 OCCUPANCY: RESIDENTIAL



FIRST FLOOR

HYDRAULIC DATA:
 BASIS OF DESIGN NFPA 13R
 DENSITY AREA OF COVERAGE
 900 SQFT
 TOTAL THREAD TEMP 155
 SYSTEM DEMAND AT BASE OF RISER:
 PRESSURE FLOW HOSE 100
 64.338 249.686
 SAFETY MARGIN: 7.288
 OCCUPANCY: AUTO PARKING



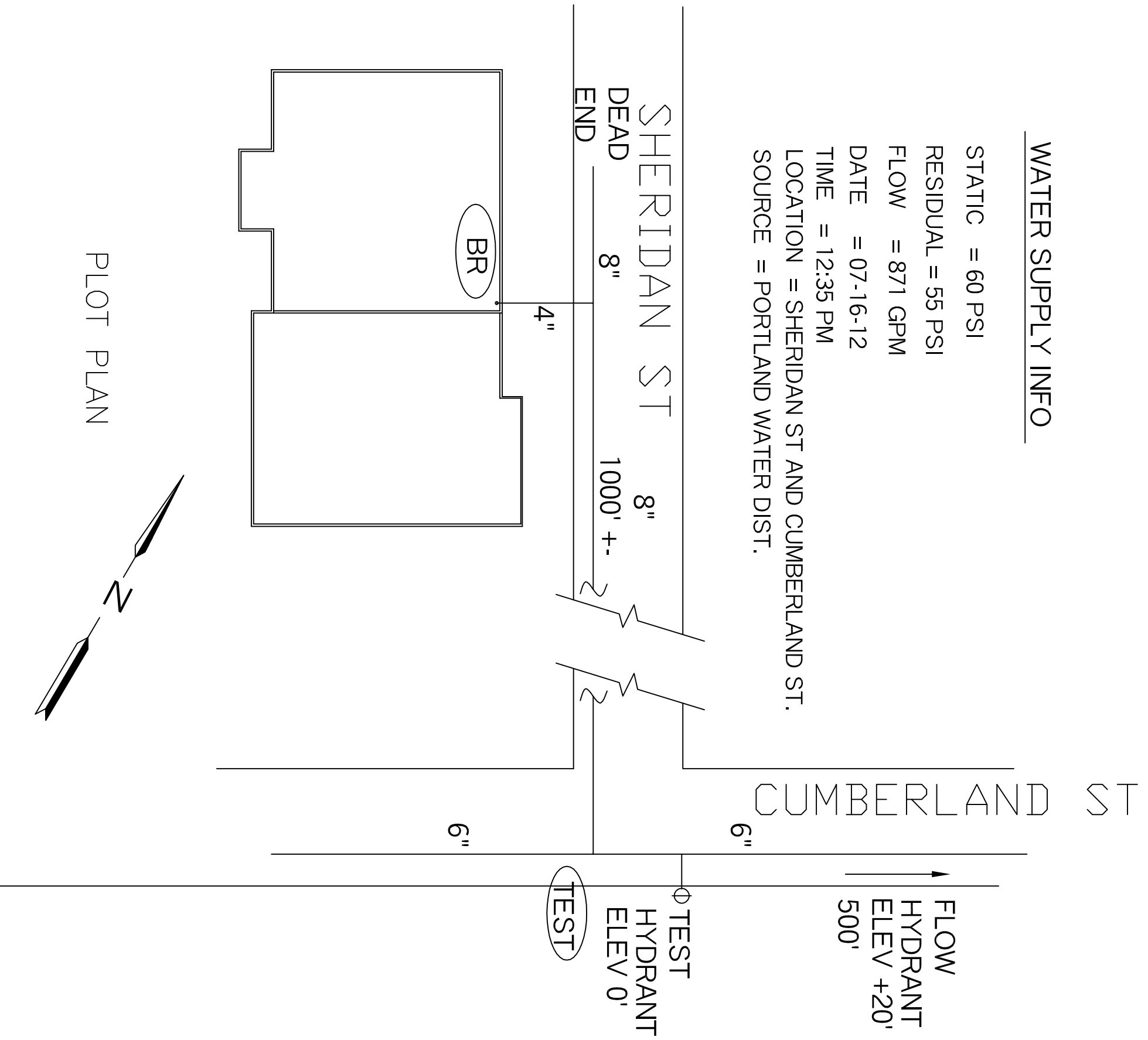
CROSS SECTION

- LEGEND
- ▷ 155F OR 1/2" WHITE SIDEWALL
 - 155F 1/2 BRASS PENDENT
 - 155F 1/2 BRASS UPRIGHT
 - ⊗ 155T OR 1/2" WHITE RECESSED PENDENT
 - 200T OR 1/2" BRASS UPRIGHT
 - HANGER
 - RISE OR DROP NIPPLE
 - VICTAULIC COUPLING
 - FF K=XX FIN FLR TO CENTERLINE OF PIPE
 - C K=XX CEILING TO CENTERLINE OF PIPE
 - TU K=TOP OF JOIST TO CENTERLINE OF PIPE
 - BU K=BOTTOM OF JOIST TO CENTERLINE OF PIPE
 - BB K=BOTTOM OF BEAM TO CENTERLINE OF PIPE
 - ELEV K=OVL ELEVATION OF CENTERLINE OF PIPE

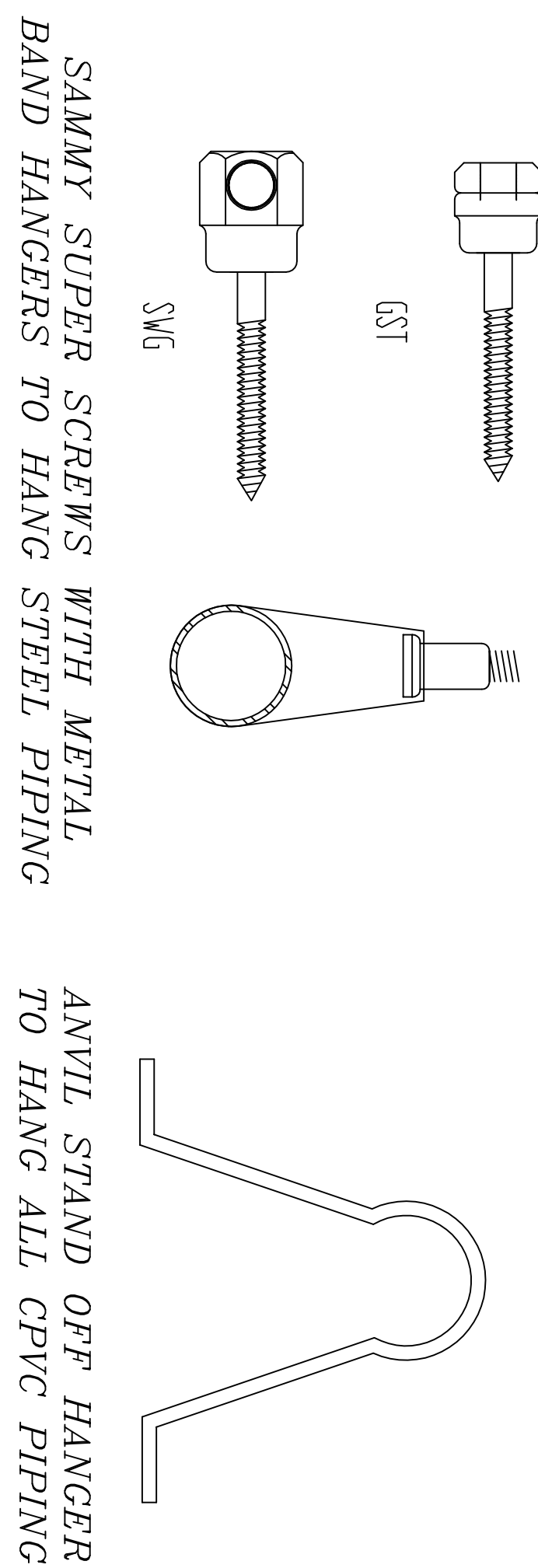
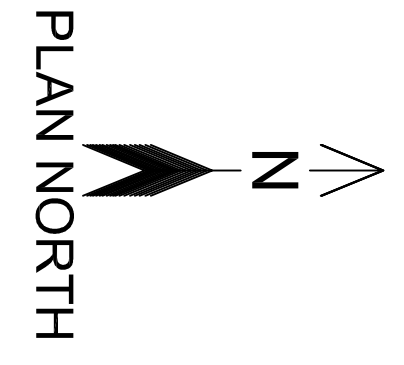
- GENERAL NOTES
- ALL DIMENSIONS ARE CENTER TO CENTER U/N
 - ALL THREADED PIPE TO BE SCH. 40 BLACK STEEL
 - ALL SCREWED FITTINGS TO BE STD. WT. C.I. BLACK U/N
 - ALL GROOVED PIPE TO BE SCH 10 BLACK STEEL
 - ALL OTHER PIPING TO BE CPVC PLASTIC
 - ALL OTHER FITTINGS TO BE CPVC PLASTIC

WATER SUPPLY INFO

STATIC = 60 PSI
 RESIDUAL = 55 PSI
 FLOW = 871 GPM
 DATE = 07/16/12
 TIME = 12:35 PM
 LOCATION = SHERIDAN ST AND CUMBERLAND ST.
 SOURCE = PORTLAND WATER DIST.



PLOT PLAN



SYSTEM DESIGN

- ▷ 18 VIKING VK486
1/2"x1/2" K=4.2
- 24 VIKING WK300
OR BRASS UPRIGHTS
1/2"x1/2" K=5.6
- 6 VIKING WK178
OR DRY WHITE SIDEWALL
1/2"x1/2" K=5.6
- ⊗ 67 VIKING VK468
WHITE RESIDENTIAL RECESSED PENDENTS
1/2"x1/2" K=4.9

A WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS TO BE DESIGNED AND INSTALLED PER NFPA 13R
 ALL SPRINKLERS TO BE BASED ON LIGHT HAZARD

RESIDENTIAL FIRE PROTECTION, LLC
 PHONE (607) 946-3473 FAX (607) 946-3474
 64 DAGGETT HILL ROAD GREENE, MAINE 04236

REVISION NUMBER	DATE	SUBMITTED BY	DATE	TITLE
		DRAWN BY	DATE	
		APPROVED BY	DATE	
		SCALE		
		SHEET NO.		

STANLEY, J. CAMIC
 NICET III - #78865

SHERIDAN ST. TOWN HOMES
 SHERIDAN ST.
 PORTLAND, MAINE

DATE OF DESIGN 07-20-14
 NO. OF SPRINKLERS 115
 COMMENTS 175
 C14018