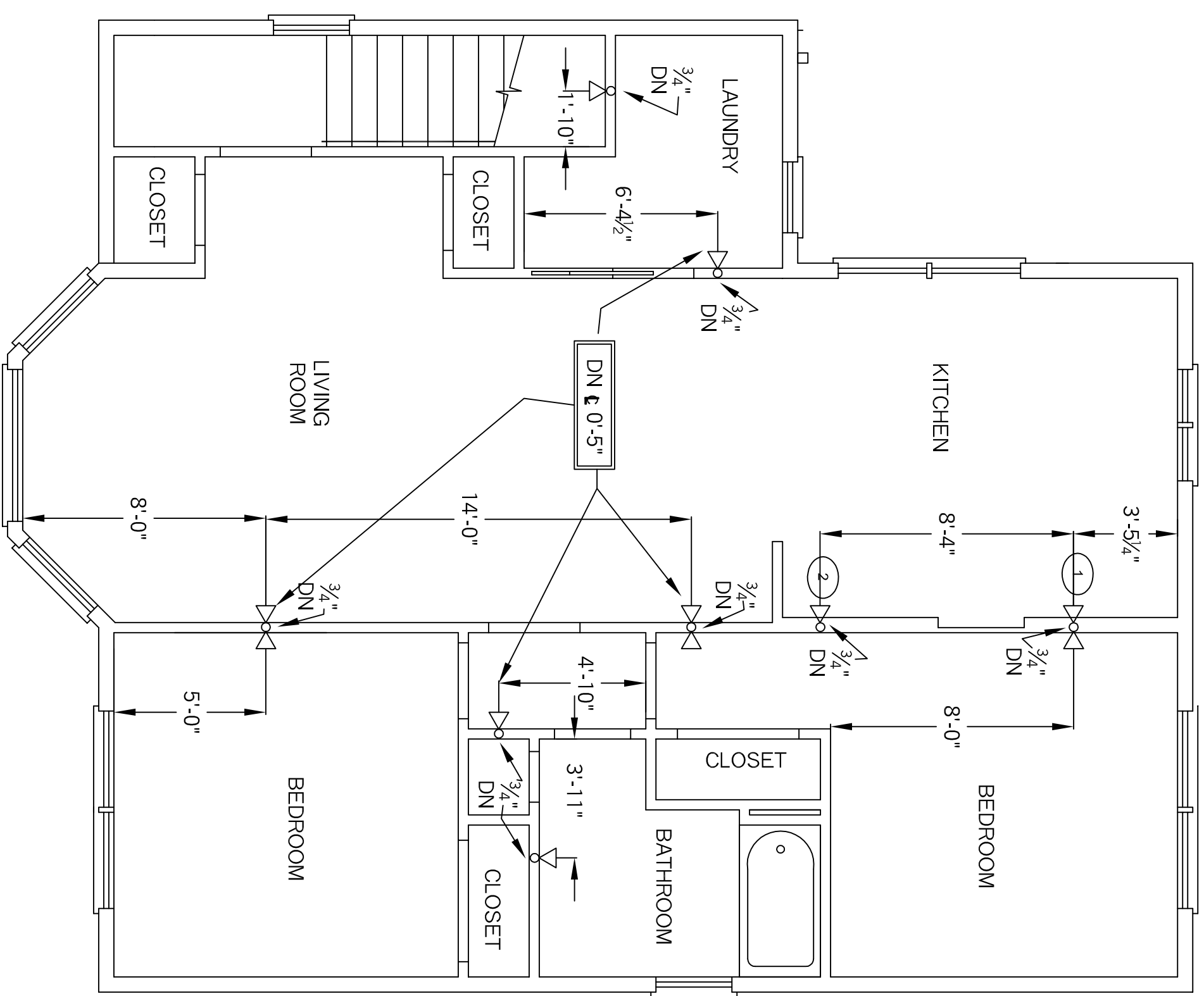
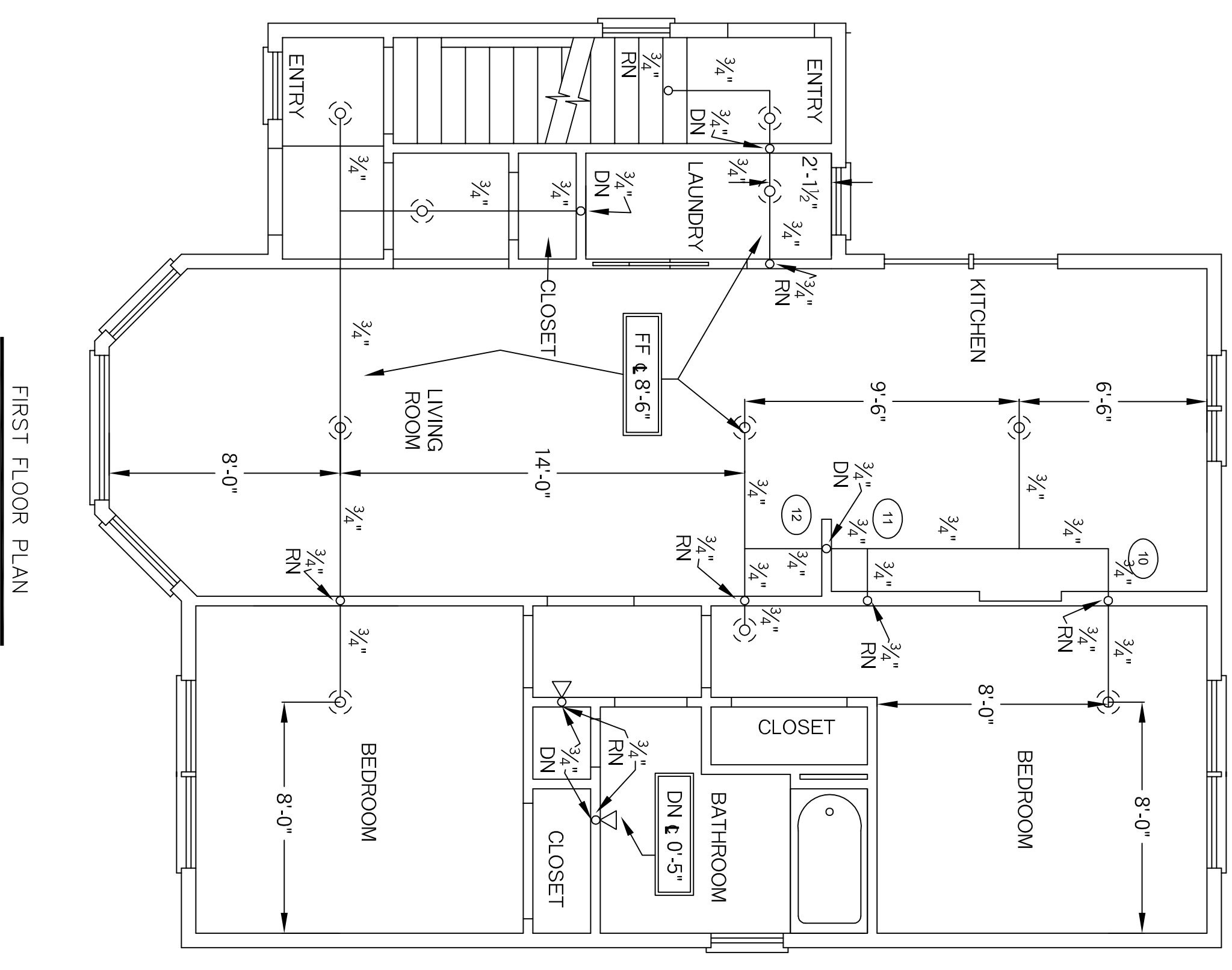


BASEMENT / CRAWL SPACE  
SCALE 1/4" = 1'-0"



SECOND FLOOR PLAN  
SCALE 1/4" = 1'-0"

**HYDRAULIC DATA:**  
 SECOND FLOOR  
 BASIS OF DESIGN NFPA 13R  
 DENSITY AREA OF COVERAGE  
 .10 2 SPRINKLERS  
 TOTAL THREAD TEMP 155  
 SPRINKLERS 2 1/2" 155  
 SYSTEM DEMAND AT TEST HYDRANT:  
 PRESSURE FLOW HOSE 000  
 50.253 26.620  
 SAFETY MARGIN: 50.67  
 OCCUPANCY: RESIDENTIAL



FIRST FLOOR PLAN  
SCALE 1/4" = 1'-0"

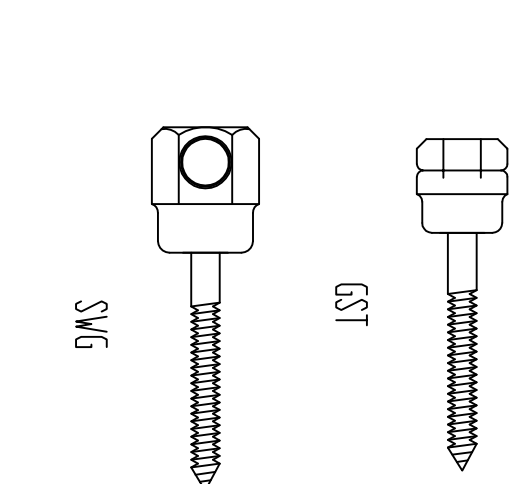
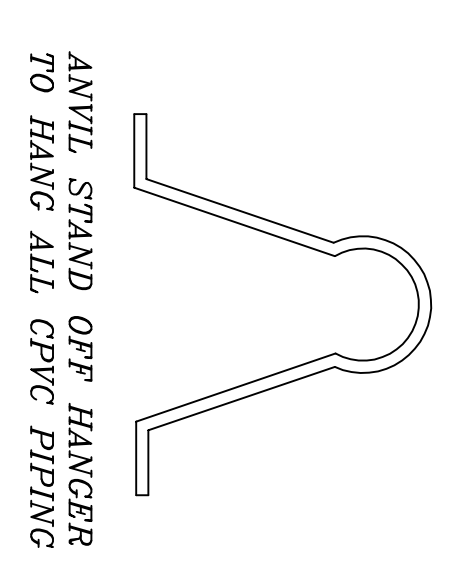
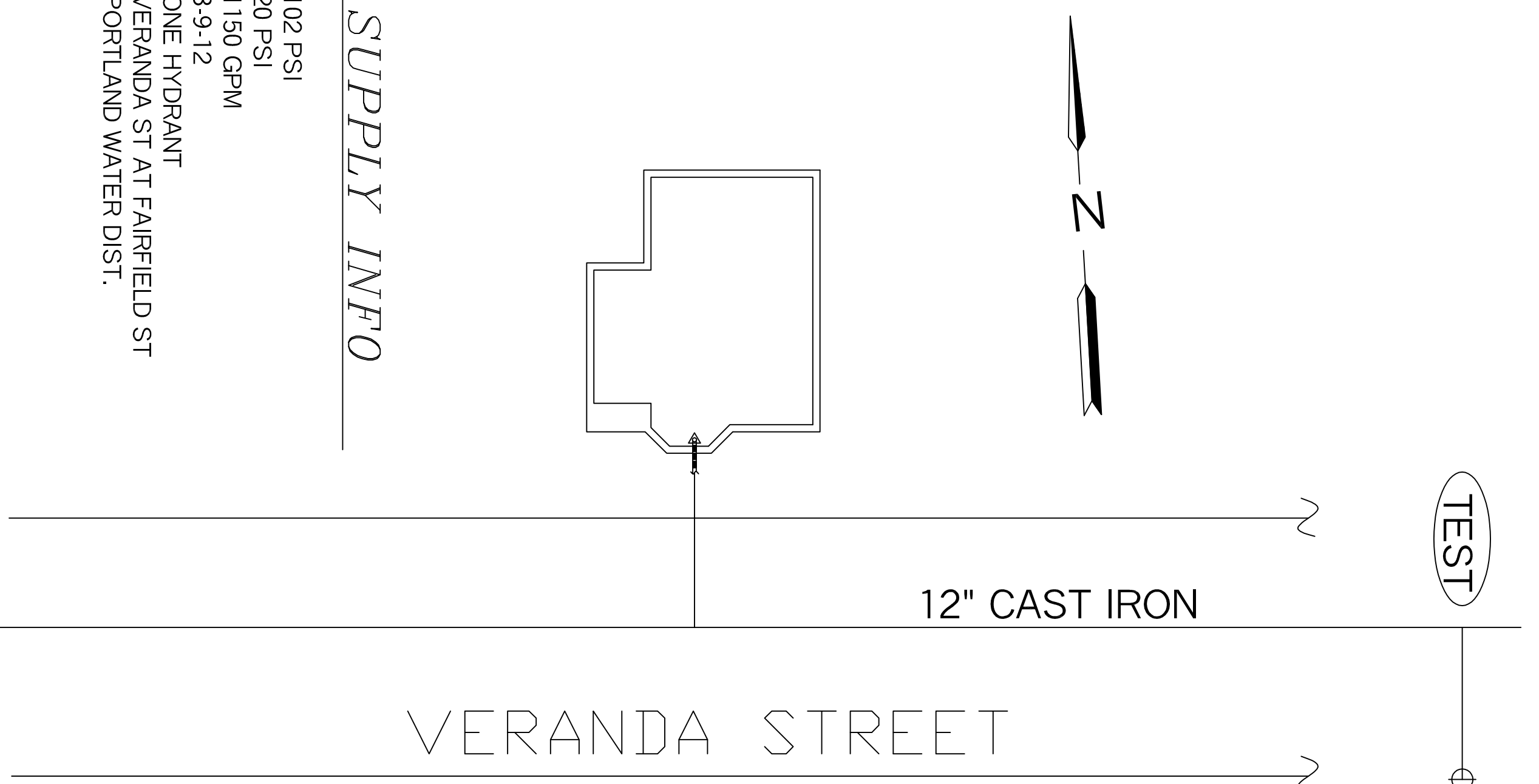
- LEGEND**
- ▷ 155°F OR 1/2" WHITE SIDEWALL
  - 155°F 1/2 BRASS PENDENT
  - 155°F 1/2 BRASS UPRIGHT
  - ⊗ 155°F OR 1/2" WHITE RECESSED PENDENT
  - 200°F OR 1/2" BRASS UPRIGHT
  - HANGER
  - RISE OR DROP NIPPLE
  - VICTAULIC COUPLING

- FF K=XX FIN FLR TO CENTERLINE OF PIPE
- C K=XX CEILING TO CENTERLINE OF PIPE
- TJ 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=OWL ELEVATION OF CENTERLINE OF PIPE

**WATER SUPPLY INFO**

STATIC = 102 PSI  
 RESIDUAL = 20 PSI  
 FLOW = 1150 GPM  
 DATE = 3-9-12  
 TYPE = ONE HYDRANT  
 LOCATION = VERANDA ST AT FAIRFIELD ST  
 SOURCE = PORTLAND WATER DIST.

**SITE PLAN NTS**



- 10 VIKING VK300 OR BRASS UPRIGHTS 1/2"x1/2" K=5.6
- 10 VIKING VK456 RESIDENTIAL CONCEALED PENDENTS 1/2"x1/2" K=4.9
- ▷ 13 VIKING VK486 WHITE RESIDENTIAL SIDEWALLS 1/2"x1/2" K=4.0

**SYSTEM DESIGN**

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

**GENERAL NOTES**

ALL DIMENSIONS ARE CENTER TO CENTER U/N  
 ALL THREADED PIPE TO BE SCH. 40 BLACK STEEL  
 ALL SREWED 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

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

REVISION NUMBER	DATE	SUBMITTED BY	SJC	3-30-15	TITLE
1		IRP/AMN BY	SJC	4-1-15	
2		APPROVED BY	SJC	4-2-15	
3		SCALE	1/4" = 1'-0" U/N	8"	

NEW DUPLEX  
 124-126 VERANDA STREET  
 PORTLAND, MAINE  
 SHEET NO. 1 OF 1

SCALE: 1/4" = 1'-0"  
 NO. OF SPRINKLERS: 3  
 DATE: 3/9/12  
 DRAWING NO.: C15004