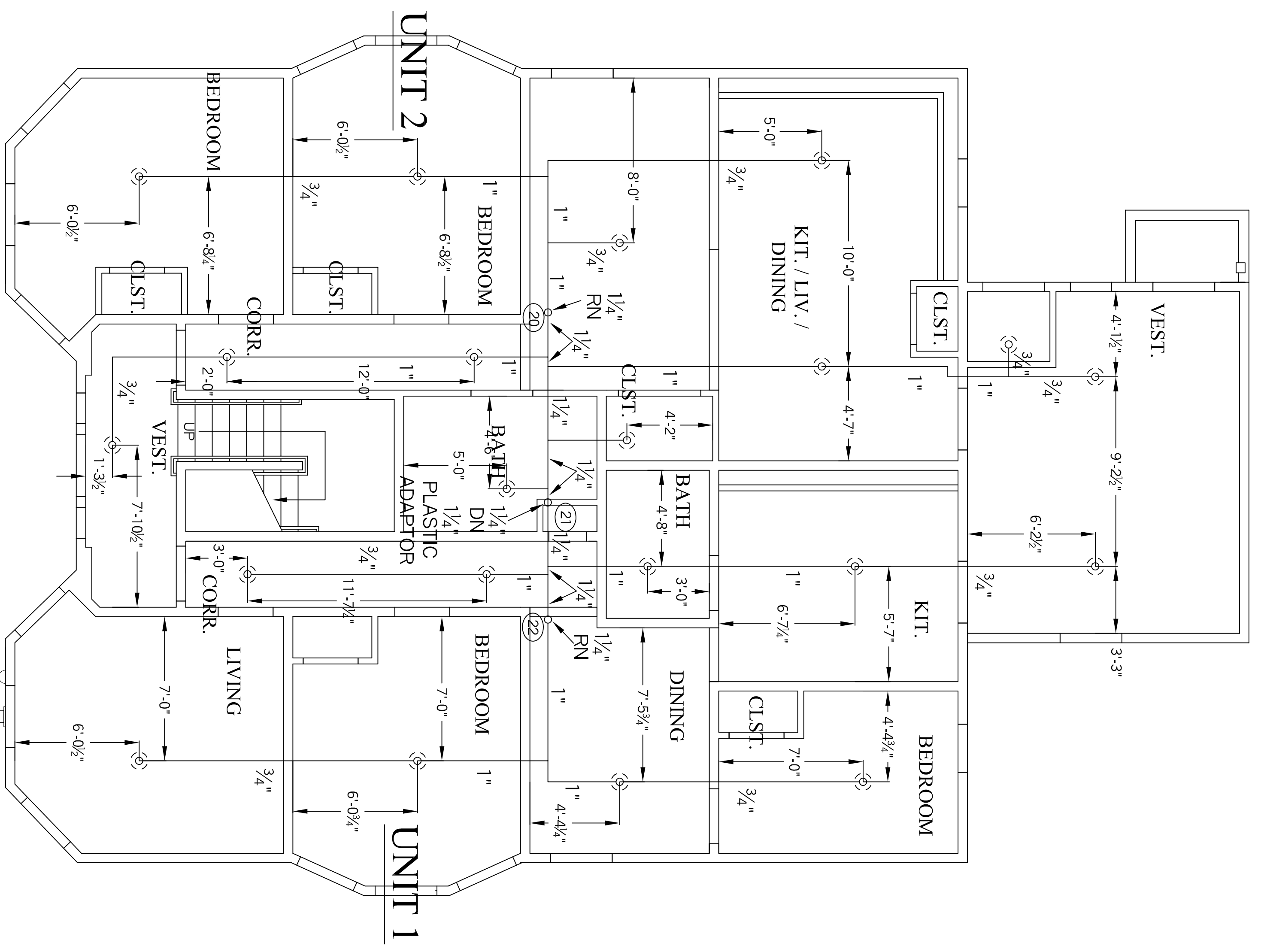


1 BASEMENT PLAN  
1/4" = 1'-0"

HYDRAULIC DATA:  
 BASIS OF DESIGN (NFPA 13)  
 DENSITY AREA OF COVERAGE  
 .10 900 SOFT  
 TOTAL THREAD TEMP  
 SPRINKLERS 8 1/2" 155  
 SYSTEM DEMAND AT BASE OF RISER:  
 PRESSURE FLOW HOSE  
 61.861 247.580 100  
 SAFETY MARGIN: 6.941  
 OCCUPANCY: UNINHABITED

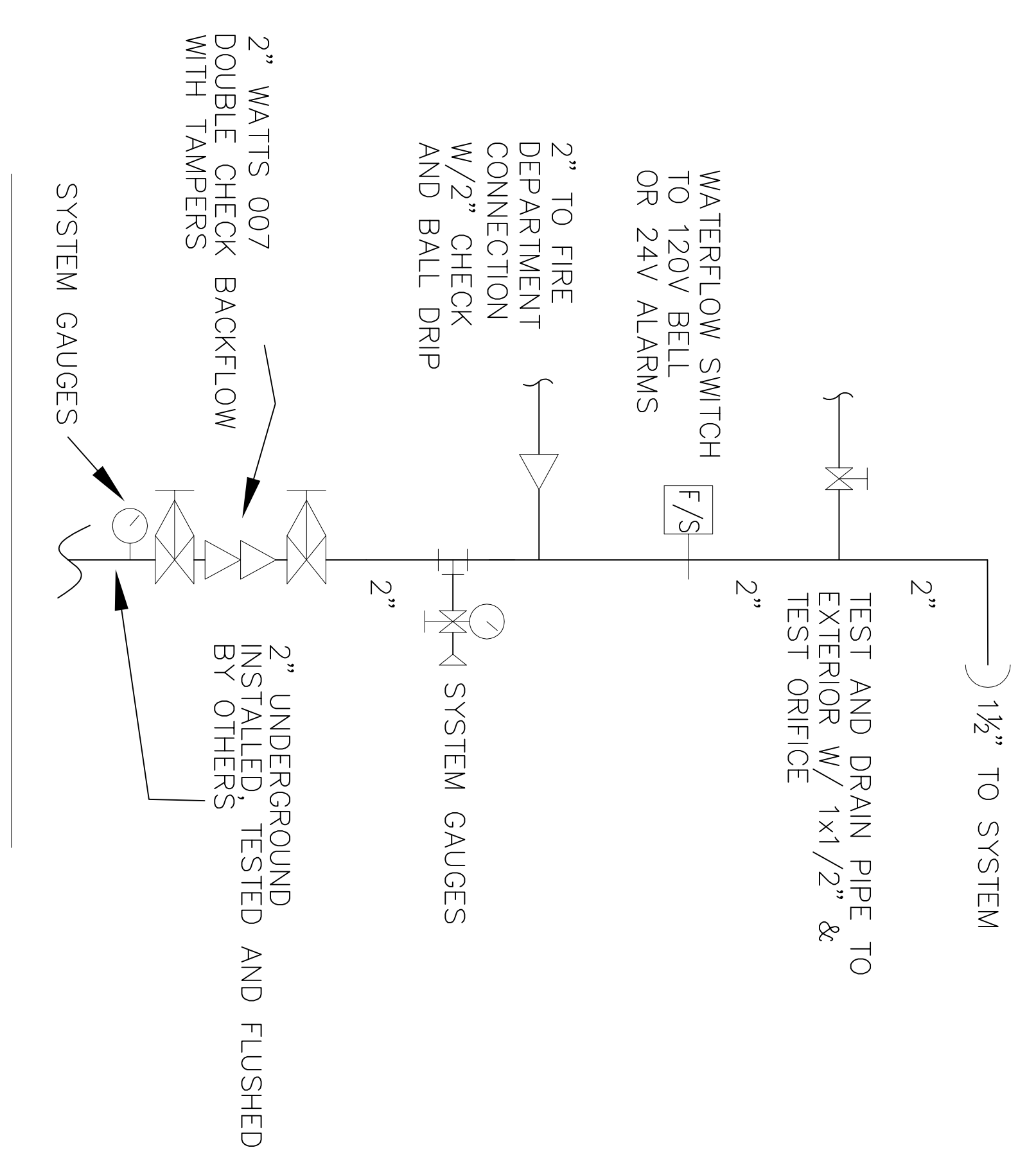


1 FIRST FLOOR REFLECTED CEILING PLAN  
1/4" = 1'-0"

- LEGEND
- ▷ 155F OR 1/2" WHITE SIDEWALL
  - 155F 1/2 BRASS PENDENT
  - 155F 1/2 BRASS UPRIGHT
  - ⊗ 155F OR 1/2" WHITE RECESSED PENDENT
  - ⊙ 200F OR 1/2" BRASS UPRIGHT
  - HANGER
  - RISE OR DROP NIPPLE
  - VICTAULIC COUPLING
  - FT K=XX FIN FLR TO CENTERLINE OF PIPE
  - C K=XX CEILING TO CENTERLINE OF PIPE
  - T J K=TOP OF JOIST TO CENTERLINE OF PIPE
  - B J 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

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



- 18 WIKING WK300 OR BRASS UPRIGHTS 1/2"x1/2" K=5.6
- ⊗ 21 WIKING WK468 WHITE RESIDENTIAL RECESSED PENDENTS 1/2"x1/2" K=4.9

REVISION NUMBER	DATE	SUBMITTED BY	DATE	TITLE

SYSTEM DESIGN

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

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