

CROSS SECTION A-A

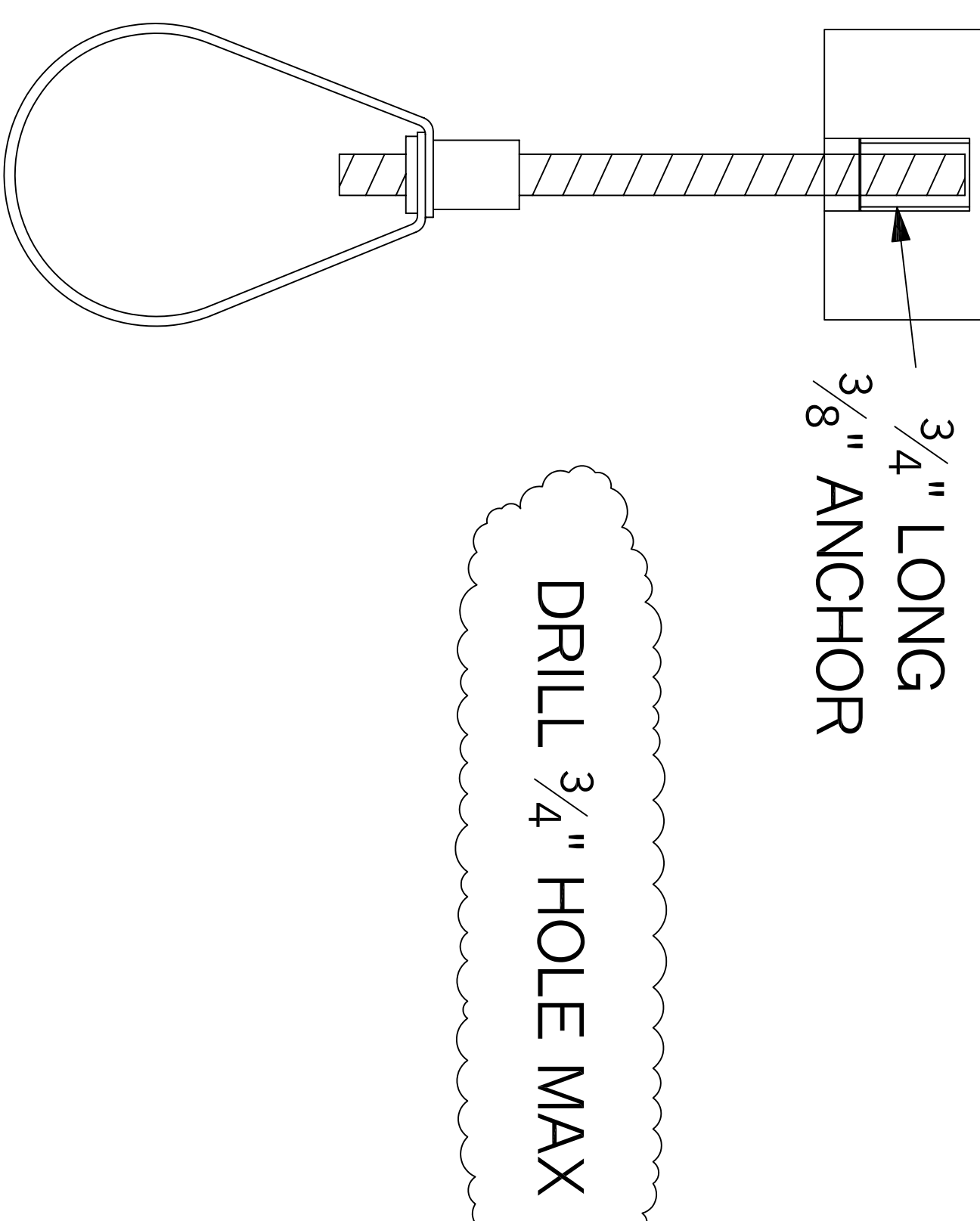
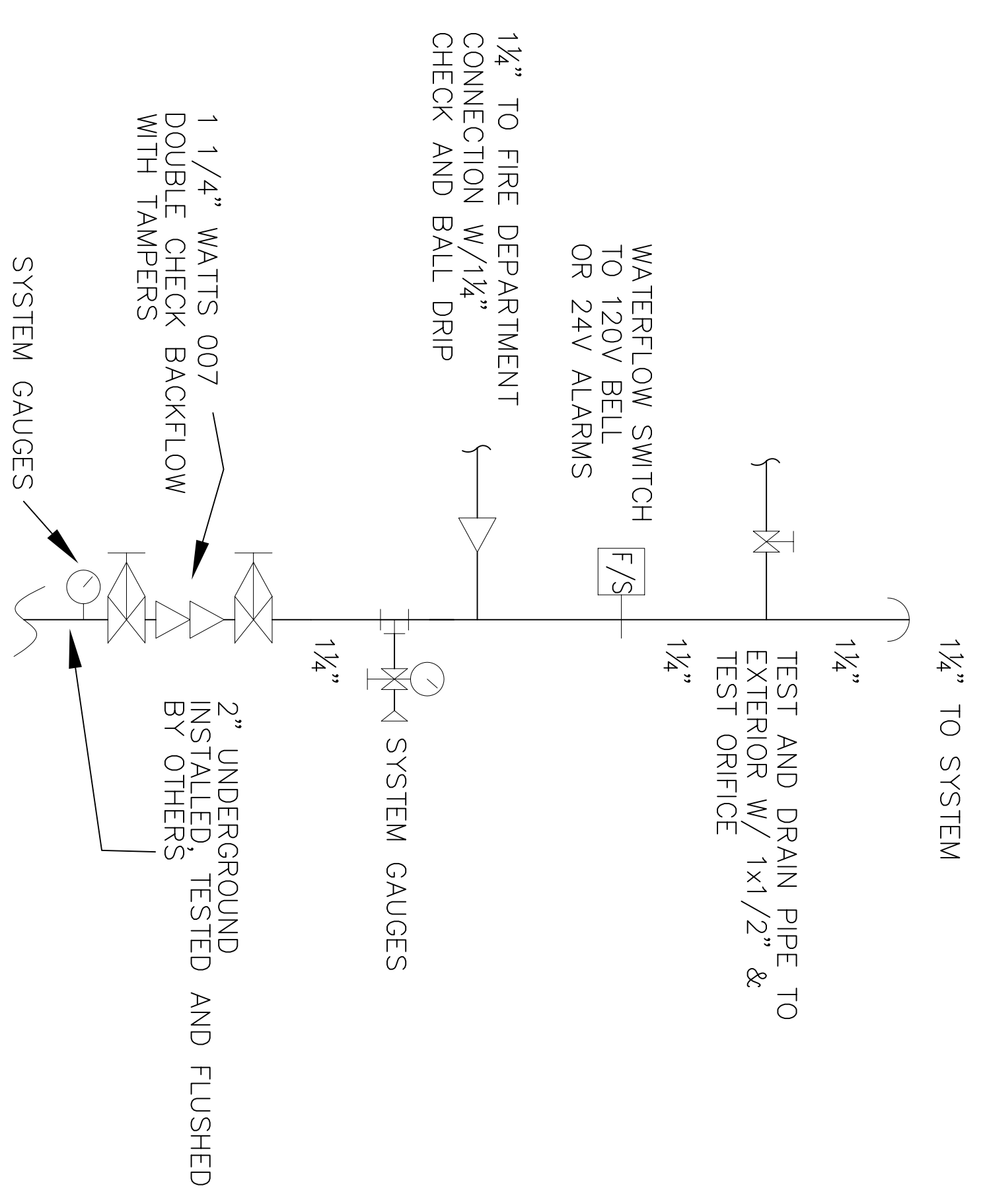
PLAN

HYDRAULIC DATA:
 BASEMENT
 BASIS OF DESIGN (NFPA 13R)
 DENSITY AREA OF COVERAGE
 .10 4 HEADS
 TOTAL THREAD TEMP
 SPRINKLERS 4 1/2" 155
 SYSTEM DEMAND AT BASE OF RISER:
 PRESSURE FLOW HOSE
 35.070 157.916 100
 SAFETY MARGIN: 73.880
 OCCUPANCY: RESIDENTIAL

WATER SUPPLY INFO

STATIC = 109
 RESIDUAL = 99
 FLOW = 2786
 DATE = 10-05-07
 LOCATION = COMMERCIAL AND INDIA
 SOURCE = PORTLAND WATER DIST.

RISER DETAILS



HANGER DETAIL

DRILL 3/4" HOLE MAX

LEGEND

- 155F 1/2 BRASS UPRIGHT
- ⊗ 155F RES 1/2" CONCEALED PENDENT
- HANGER
- RISE OR DROP NIPLLE
- VICTAULIC COUPLING
- FT 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

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

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

- 2 VIKING WK300
OR BRASS UPRIGHTS
1/2"x1/2" K=5.6
- ⊗ 1.3 VIKING WK456
RESIDENTIAL CONCEALED PENDENTS
1/2 X1/2 K=4.9
- 4 VIKING WK462
OR CONCEALED PENDENTS
1/2"x1/2" K=5.6

RESIDENTIAL FIRE
 PHONE (207) 946-3473 FAX (207) 946-3474
 64 DAGGETT HILL ROAD GREENE, MAINE 04236
 PROTECTION, LLC

REVISION NUMBER	DATE	SUBMITTED BY	DATE	TITLE
1	10-04-11	JAL	10-04-11-13	PFD BOAT CREW QUARTERS MAINE STATE PIER PORTLAND, MAINE
2	10-04-12	JAL	10-04-12-13	
3	10-04-12	JAL	10-04-12-13	
4	10-04-12	JAL	10-04-12-13	

SCALE: 1/4" = 1'-0" U/N
 SHEET NO. 1 OF 1

STANLEY J. CAMIC
 NICET III #478665
 NO. OF SPRINKLERS 19
 OBSERV. NO. 19
 C13007