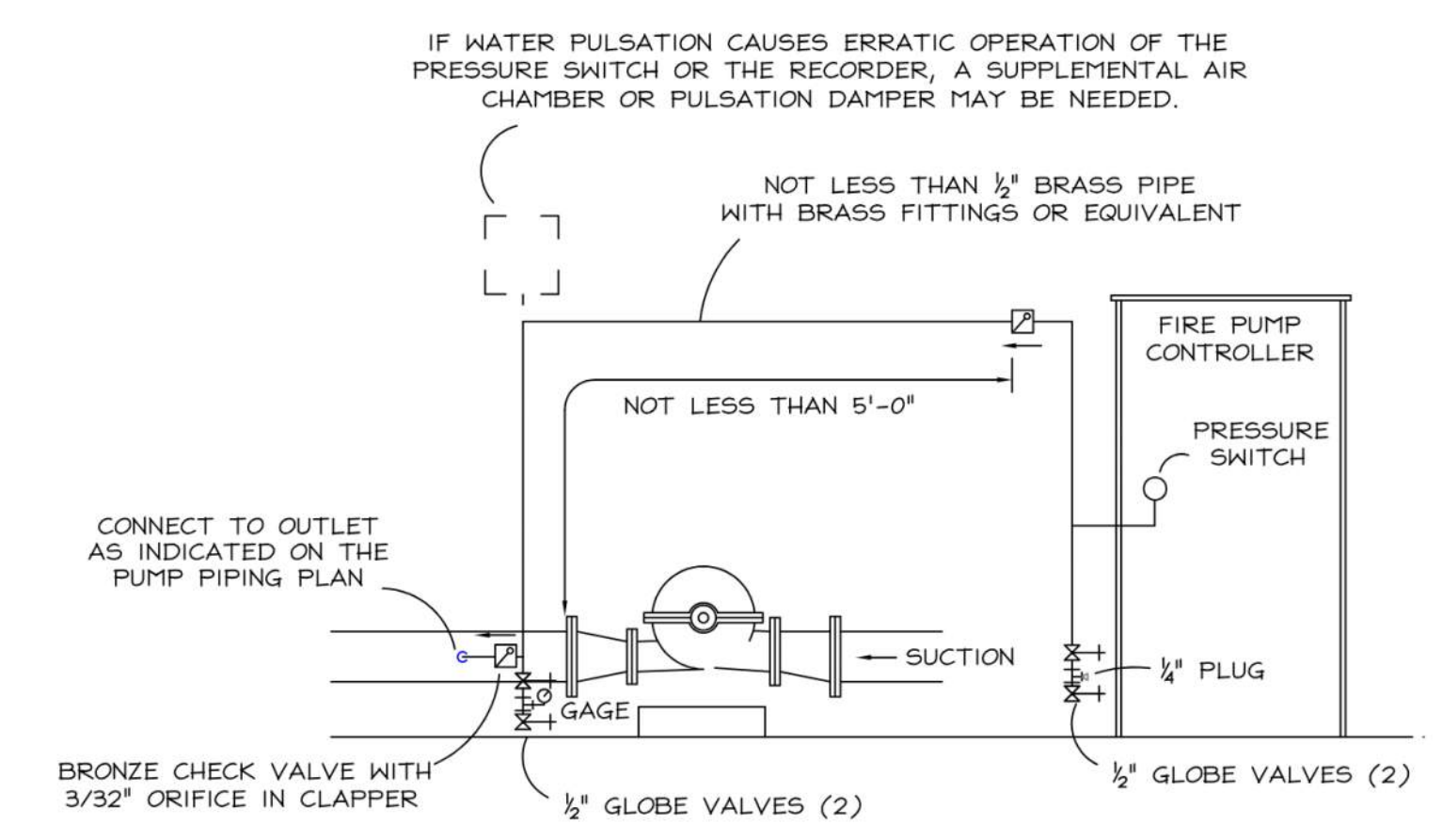
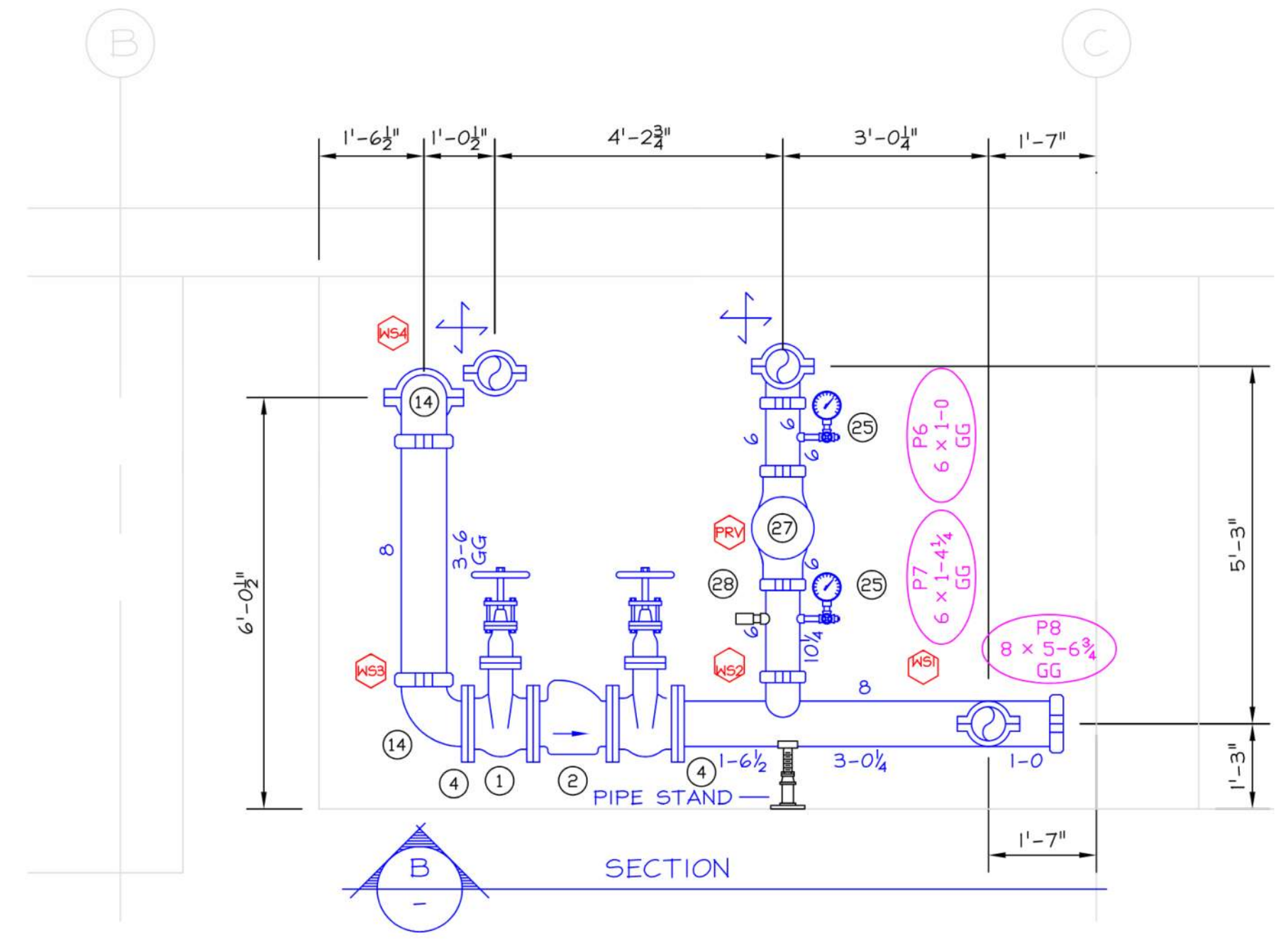
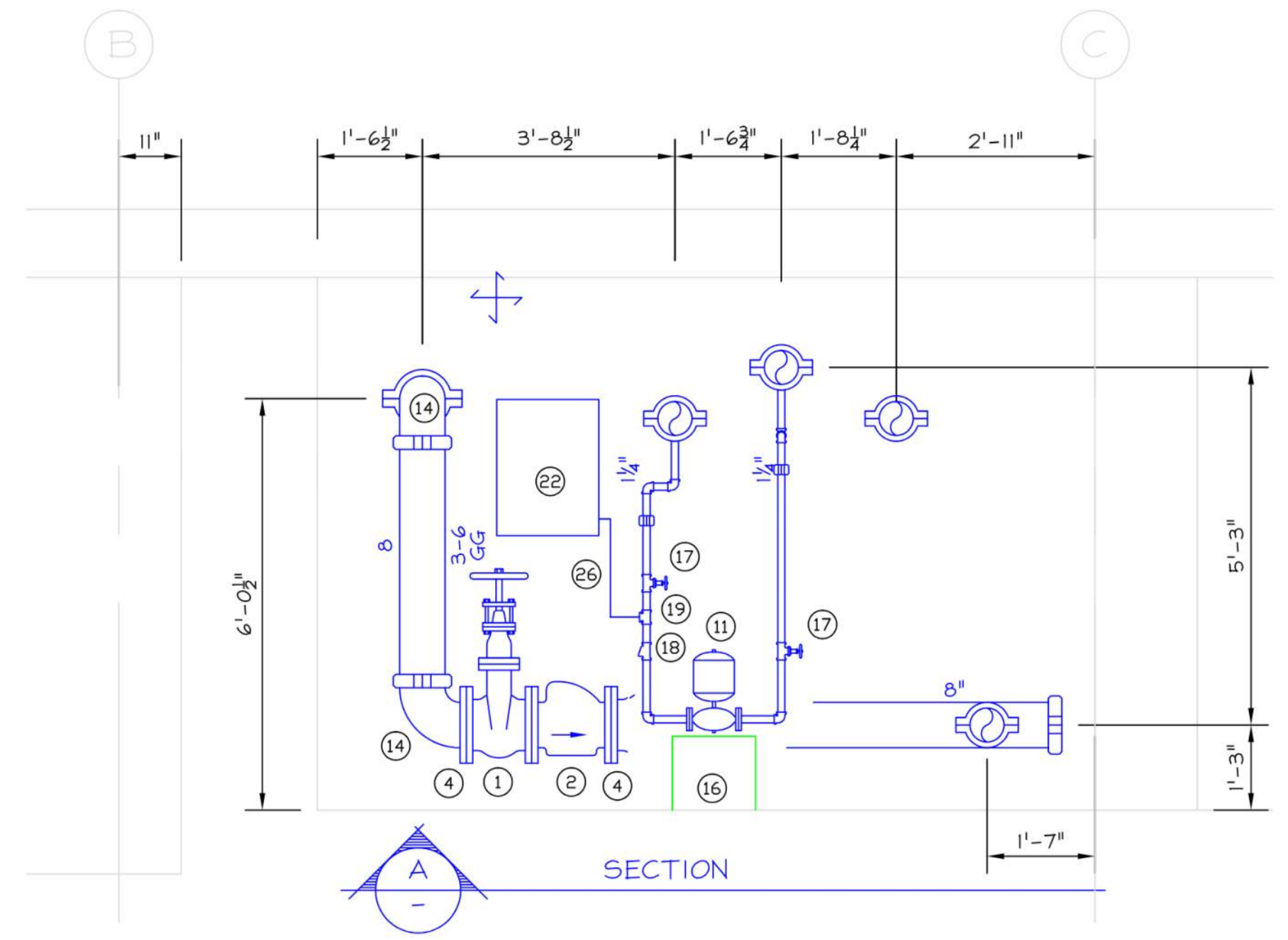
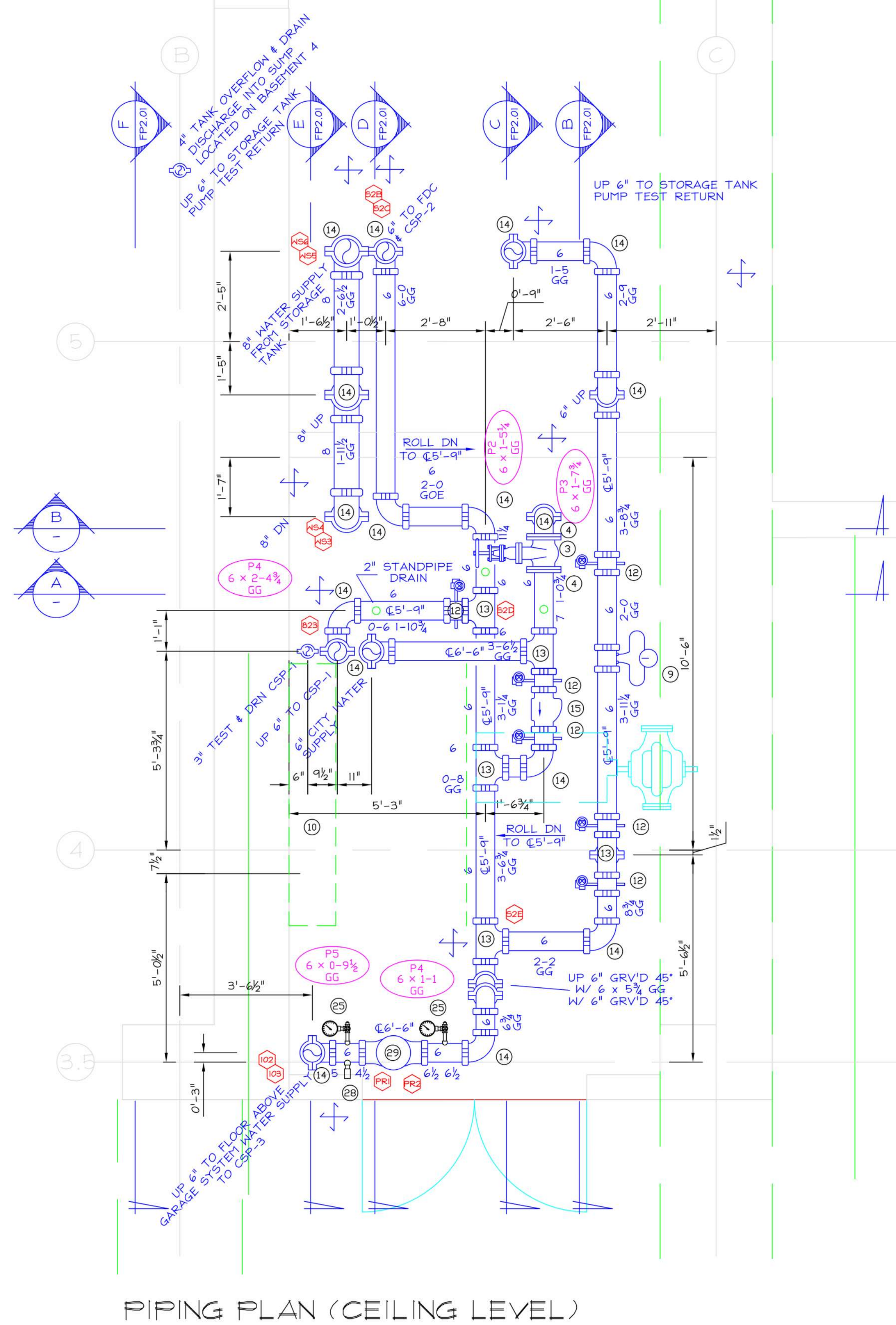
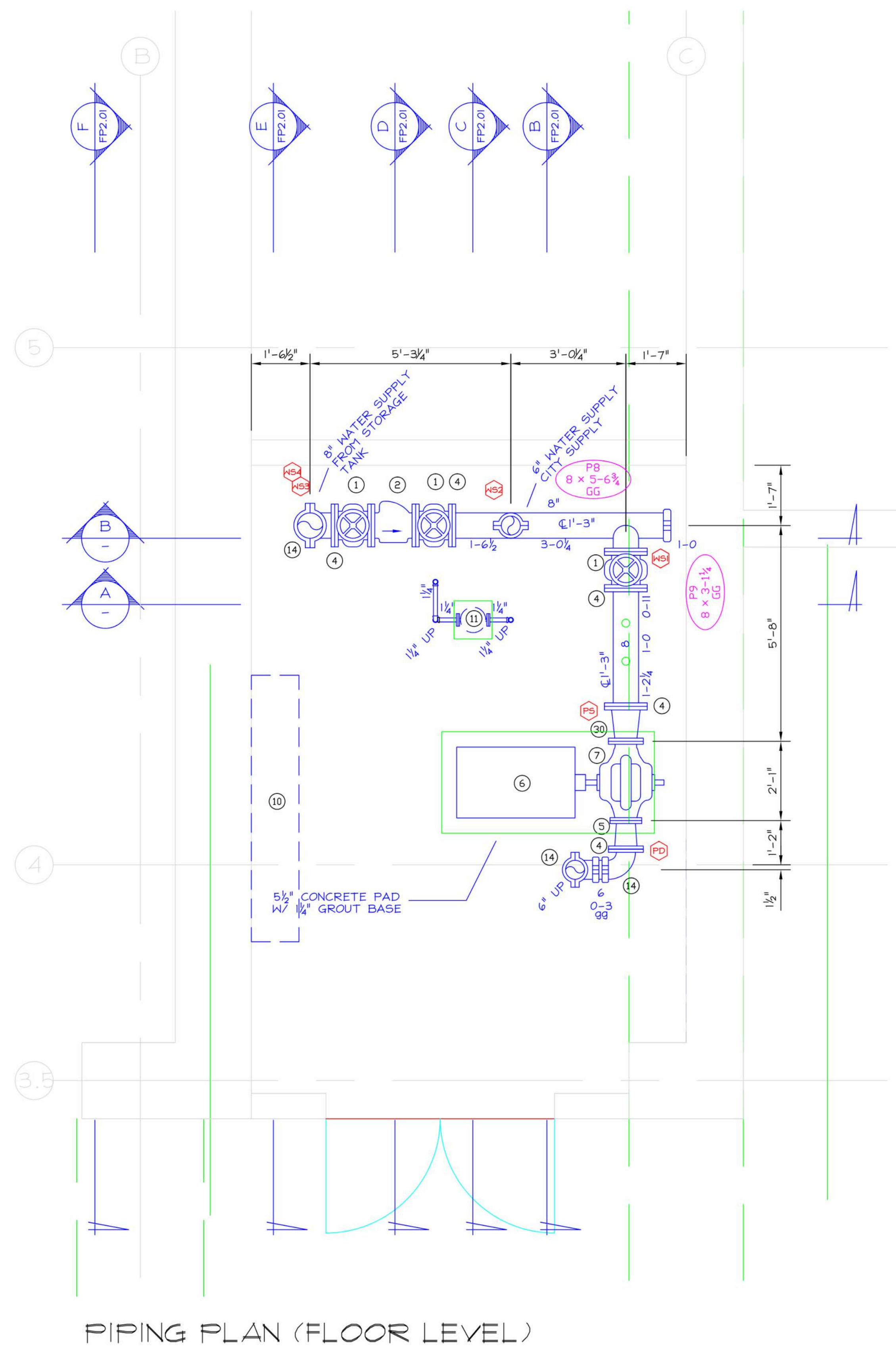


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ENGINEERED FIRE SYSTEMS, INC.
 AUTOMATIC SPRINKLER "SPECIALISTS"
 13457 COLEMAN HWY. GRASS VALLEY, CA 95945, (530) 274-9400

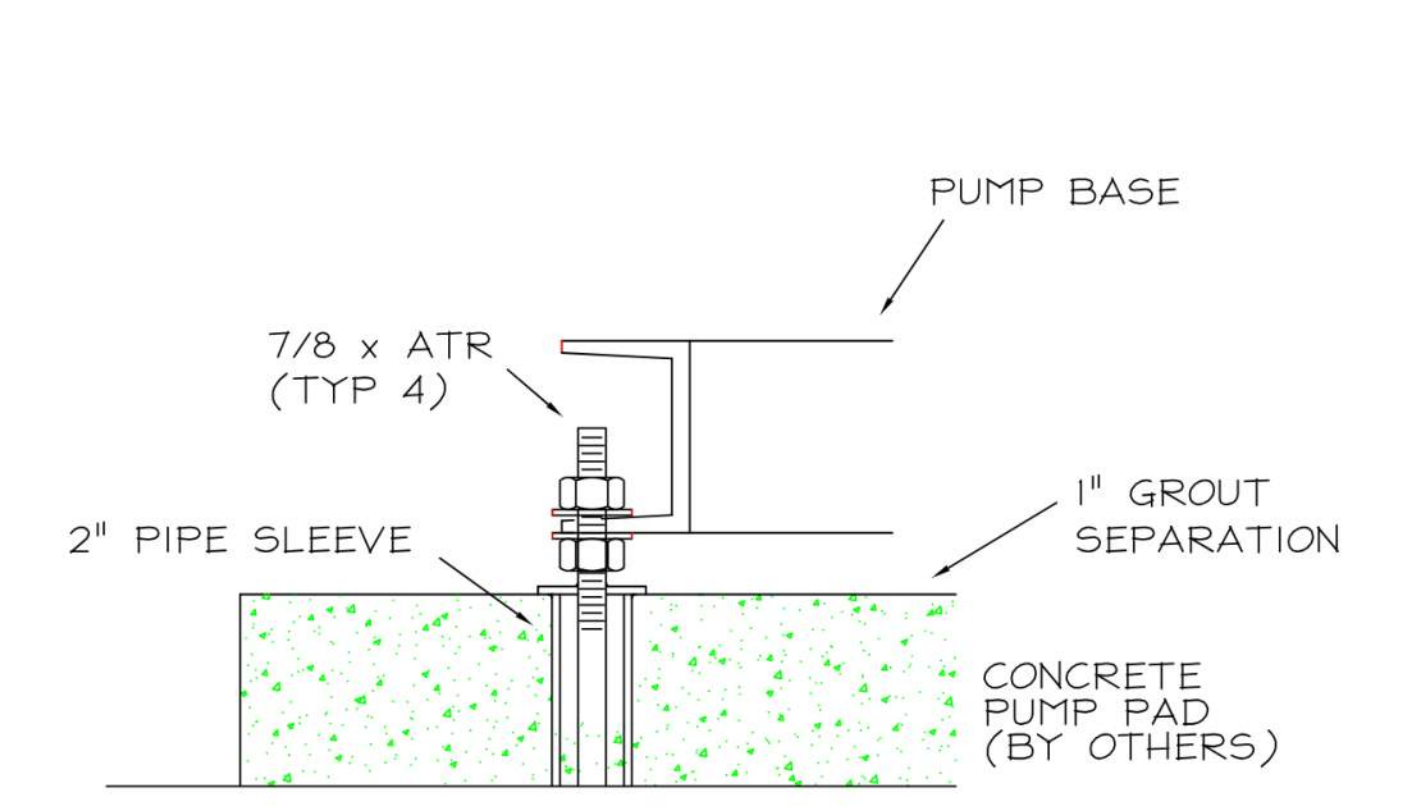
FIRE PUMP

DRAWN
H. MORGADO
DATE
05-03-26
SCALE
1/2" = 1'-0"
FILE NUMBER
10112
SHEET
FP2.0
1 OF 2 SHEETS



NOTE: IF WATER IS CLEAN, GROUND FACE UNIONS WITH NONCORROSIVE DIAPHRAGMS DRILLED FOR 3/32" ORIFICES MAY BE USED IN PLACE OF THE CHECK VALVES.

ANCHOR DETAIL
NO SCALE



ALL FITTINGS ON THE DISCHARGE SIDE OF THE PUMP TO BE RATED AT 300 PSI

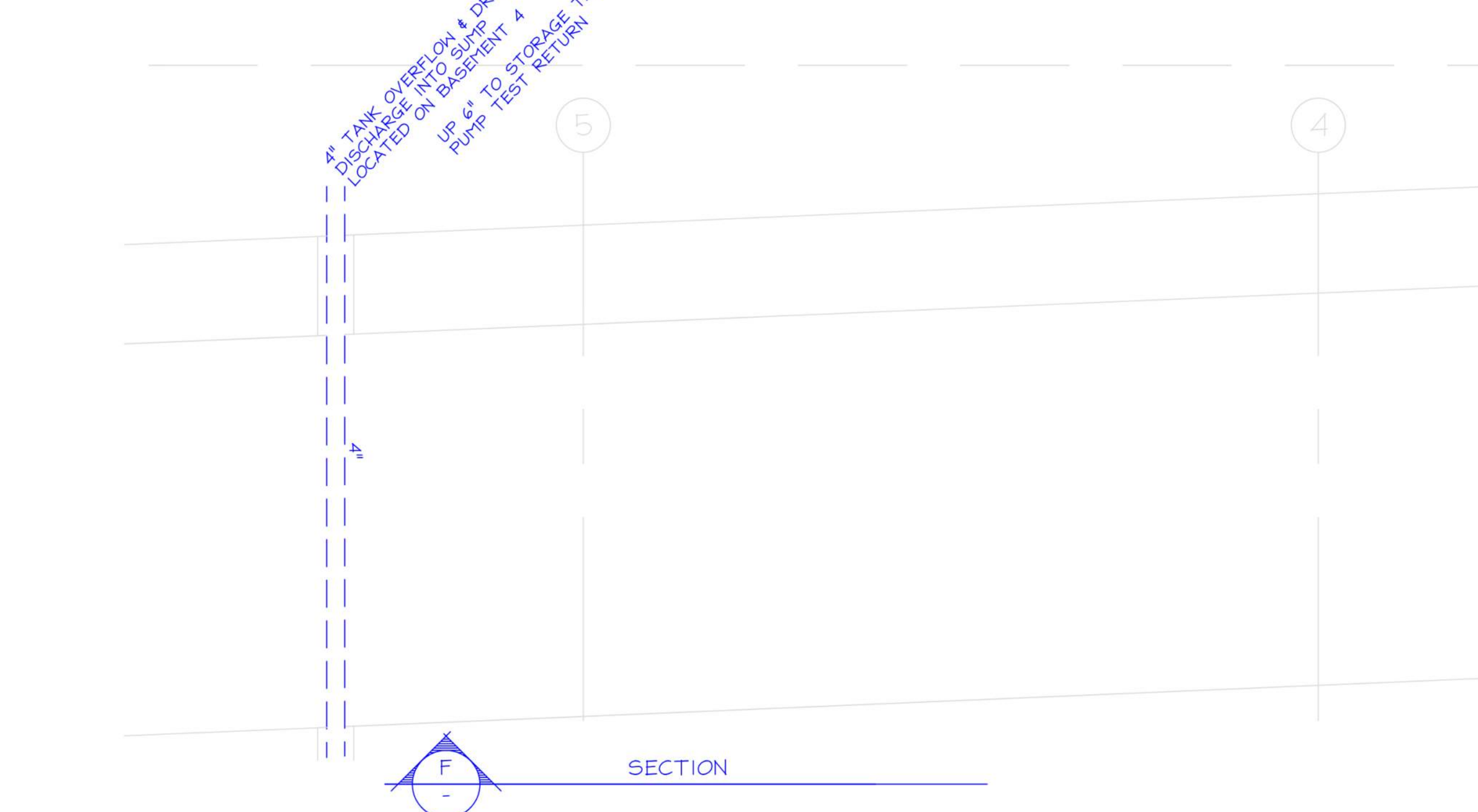
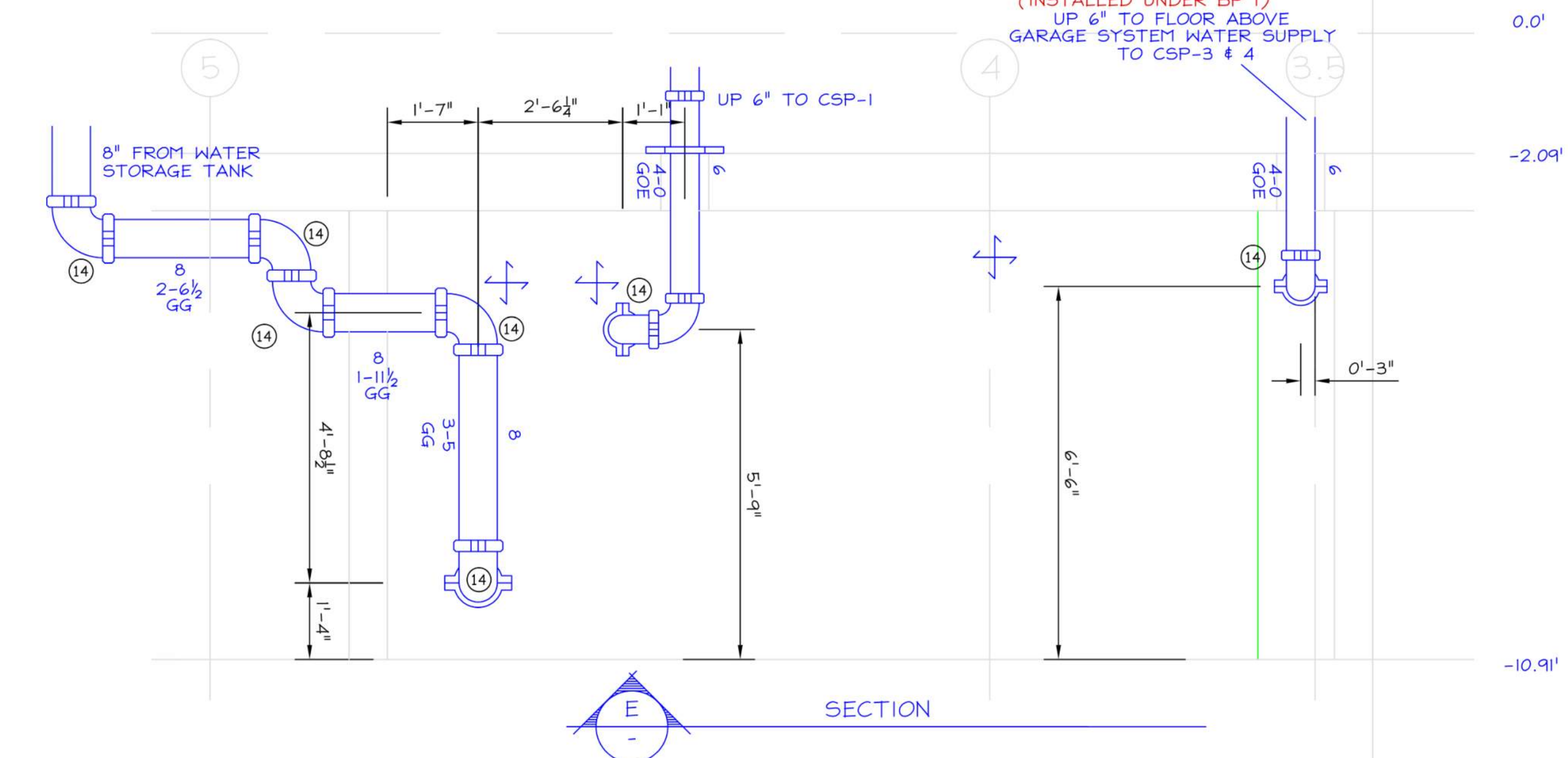
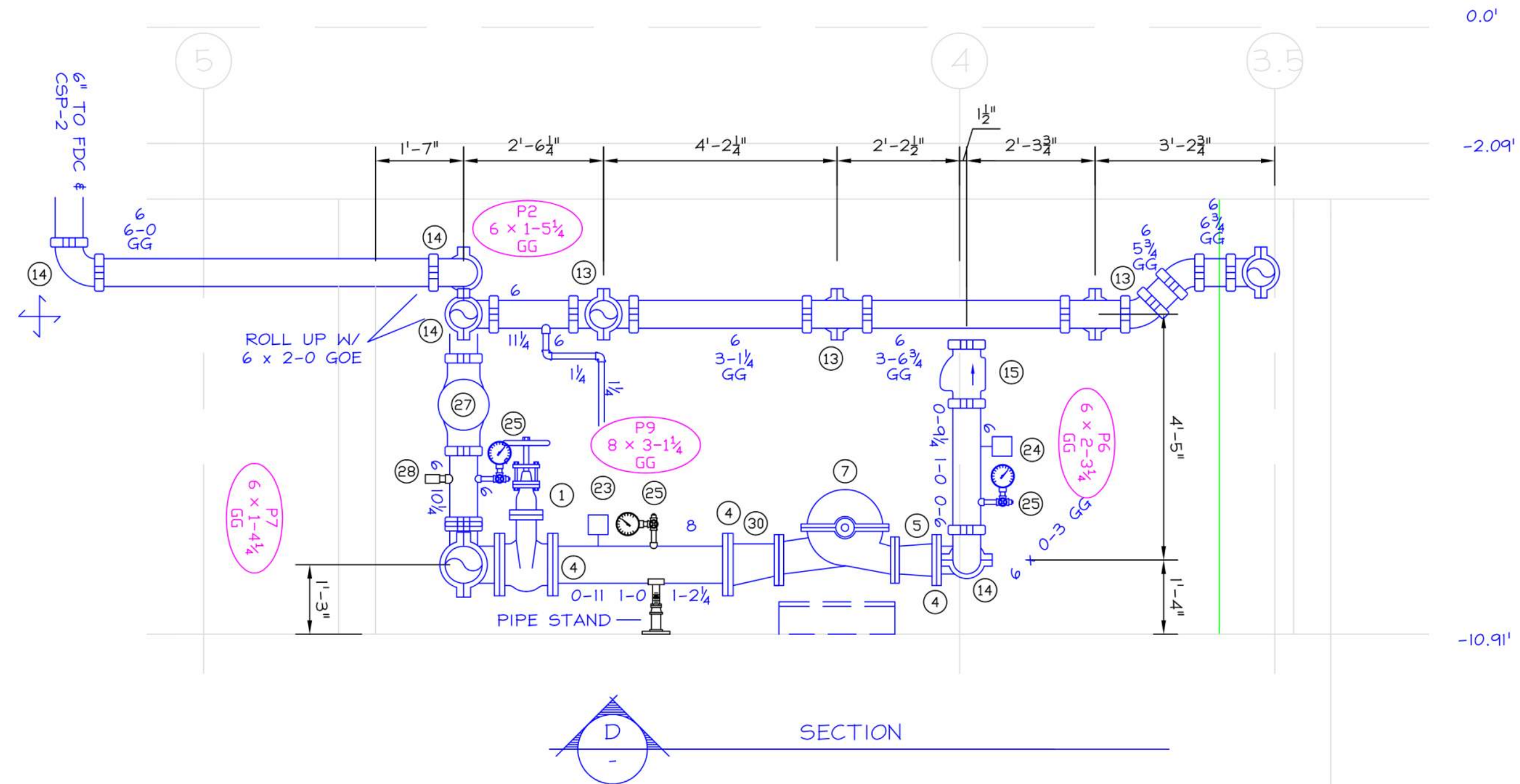
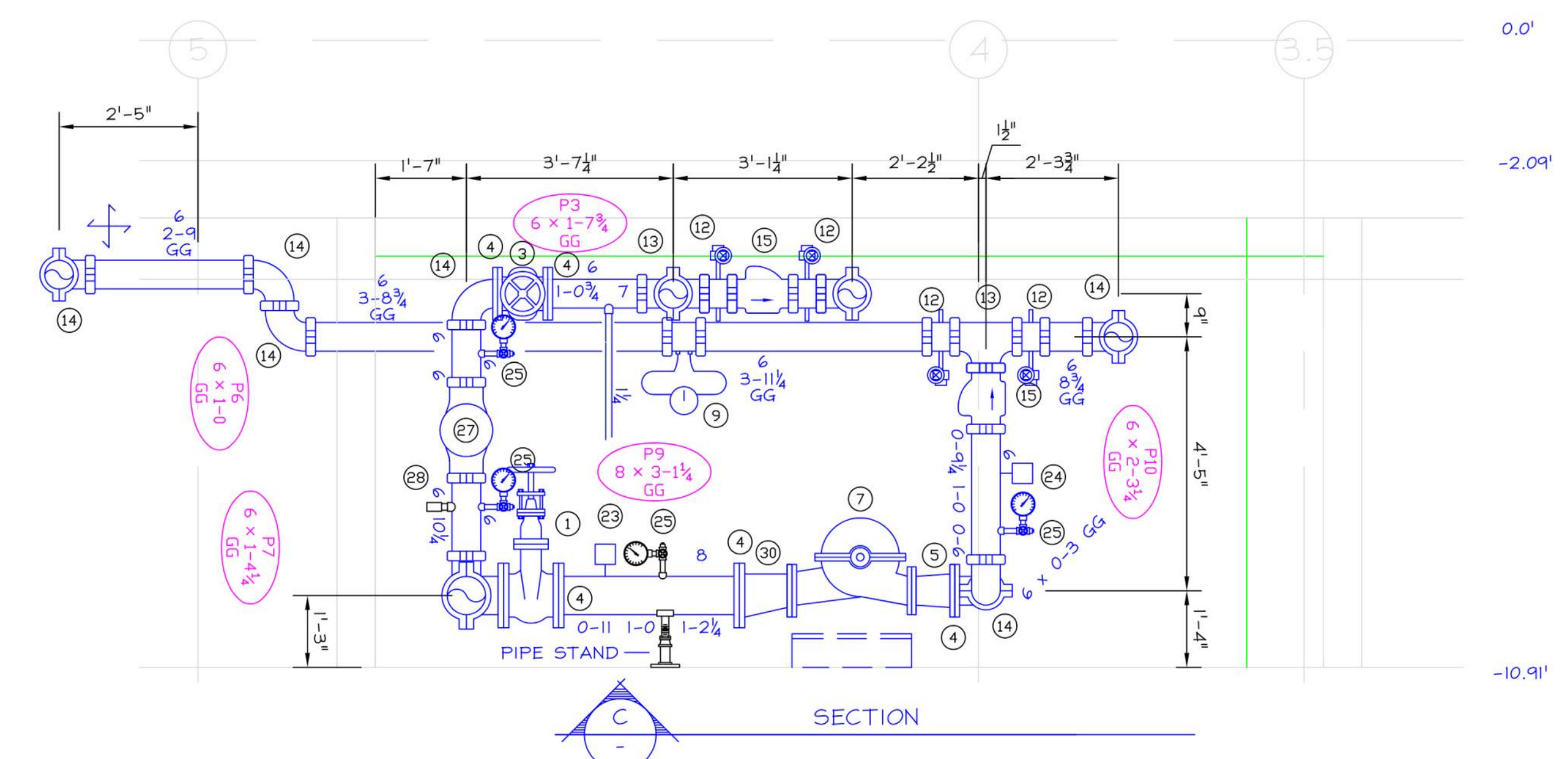
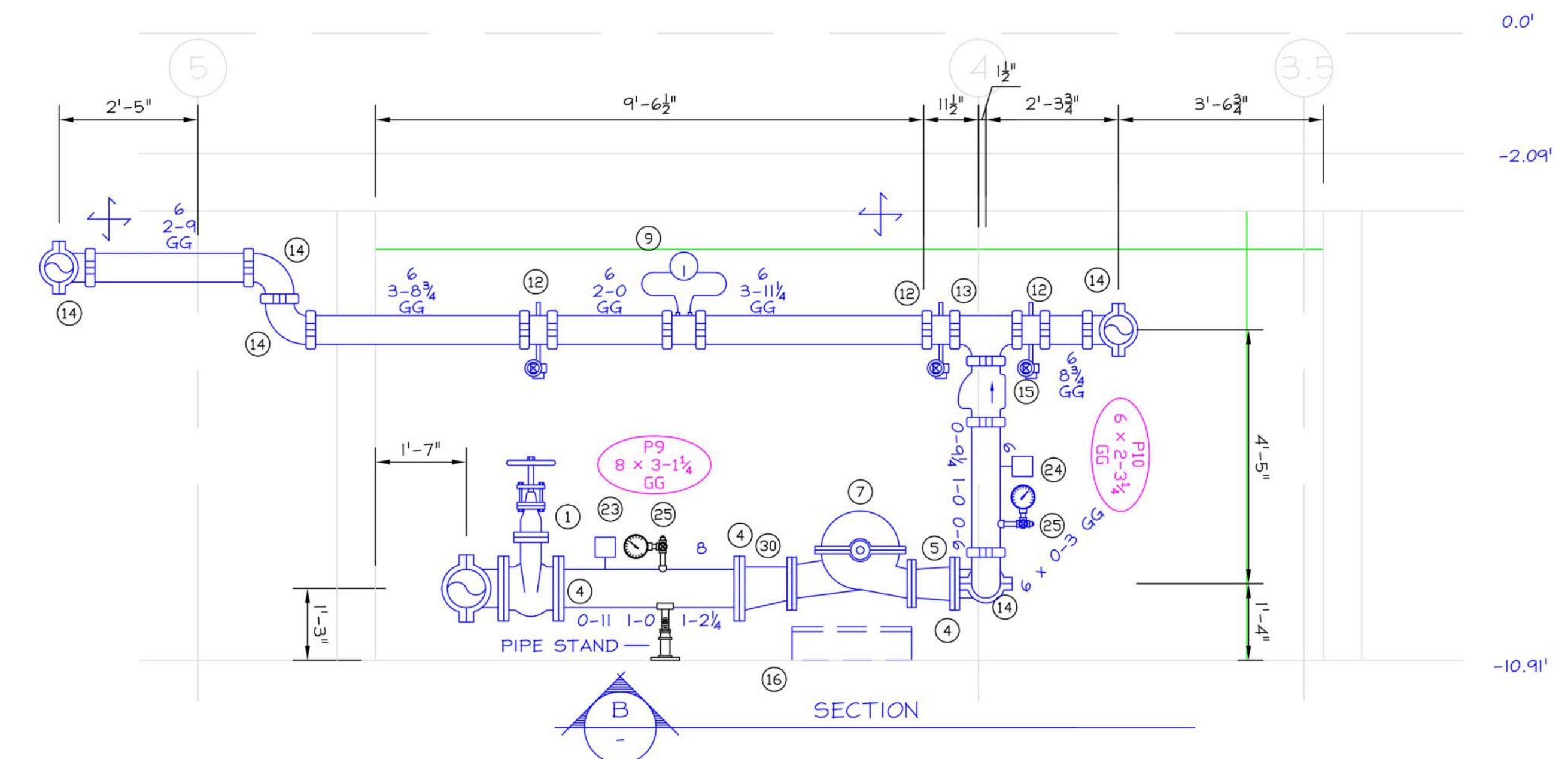
PUMP ROOM EQUIPMENT LIST

- ① 8" DS&Y VALVE W/ TAMPER SW.
- ② 8" GRV'D CHECK VA. W/ GRV'D FLANGE
- ③ 6" DS & Y VALVE W/ TAMPER SW.
- ④ GROOVED FLANGE
- ⑤ 6 x 5 CONCENTRIC REDUCER
- ⑥ ELECTRIC MOTOR
US MOTORS MODEL FF125E1CS (125 HP)
- ⑦ 1000 GPM @ 150 PSI FIRE PUMP (CHURN PRESSURE 170 PSI)
PEERLESS MODEL 5AEF1IG
- ⑧ 6" GRV'D 90° W/ GRV'D FLANGE
- ⑨ 6" GRV'D FLOW METER
- ⑩ UL LISTED FIRE PUMP CONTROLLER W/ TRANSFER SWITCH
FIRETRD FTAI800 W/ FTA900 TRANSFER SWITCH
- ⑪ JOCKEY PUMP
GRUNDFOS CR1-19 W/ 2 HP MOTOR
- ⑫ 6" GRV'D BUTTERFLY VA. W/ TAMPER SW.
- ⑬ 6" GRV'D TEE
- ⑭ GRV'D 90°
- ⑮ 6" GRV'D CHECK VA.
- ⑯ CONCRETE PAD W/ GROUT BASE
- ⑰ 1 1/2" GATE VALVE
- ⑱ 1 1/2" CHECK VALVE
- ⑲ 1 1/2 x 1 1/2 x 1/2 TEE
- ⑳ 8" GRV'D 90°
- ㉑ 8" GRV'D 90° W/ GRV'D FLANGE
- ㉒ JOCKEY PUMP CONTROLLER
- ㉓ 1/2" AIR RELEASE VALVE
- ㉔ 3/4" CASING RELIEF VALVE
- ㉕ PRESSURE GAUGE W/ 3 WAY VALVE
- ㉖ SENSING LINE
- ㉗ PRESSURE REDUCING VALVE (CLA-VAL MODEL 90G-21)
INLET 61.0 PSI - OUTLET 25.0 PSI (STATIC)
- ㉘ PRESSURE RELIEF VALVE (PIPE TO DRAIN)
- ㉙ PRESSURE REDUCING VALVE (CLA-VAL MODEL 90G-21)
INLET 210.2 PSI - OUTLET 170.2 PSI (STATIC)
- ㉚ 8 x 6 ECCENTRIC REDUCER

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FIRE PUMP

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	1 OF 2 SHEETS