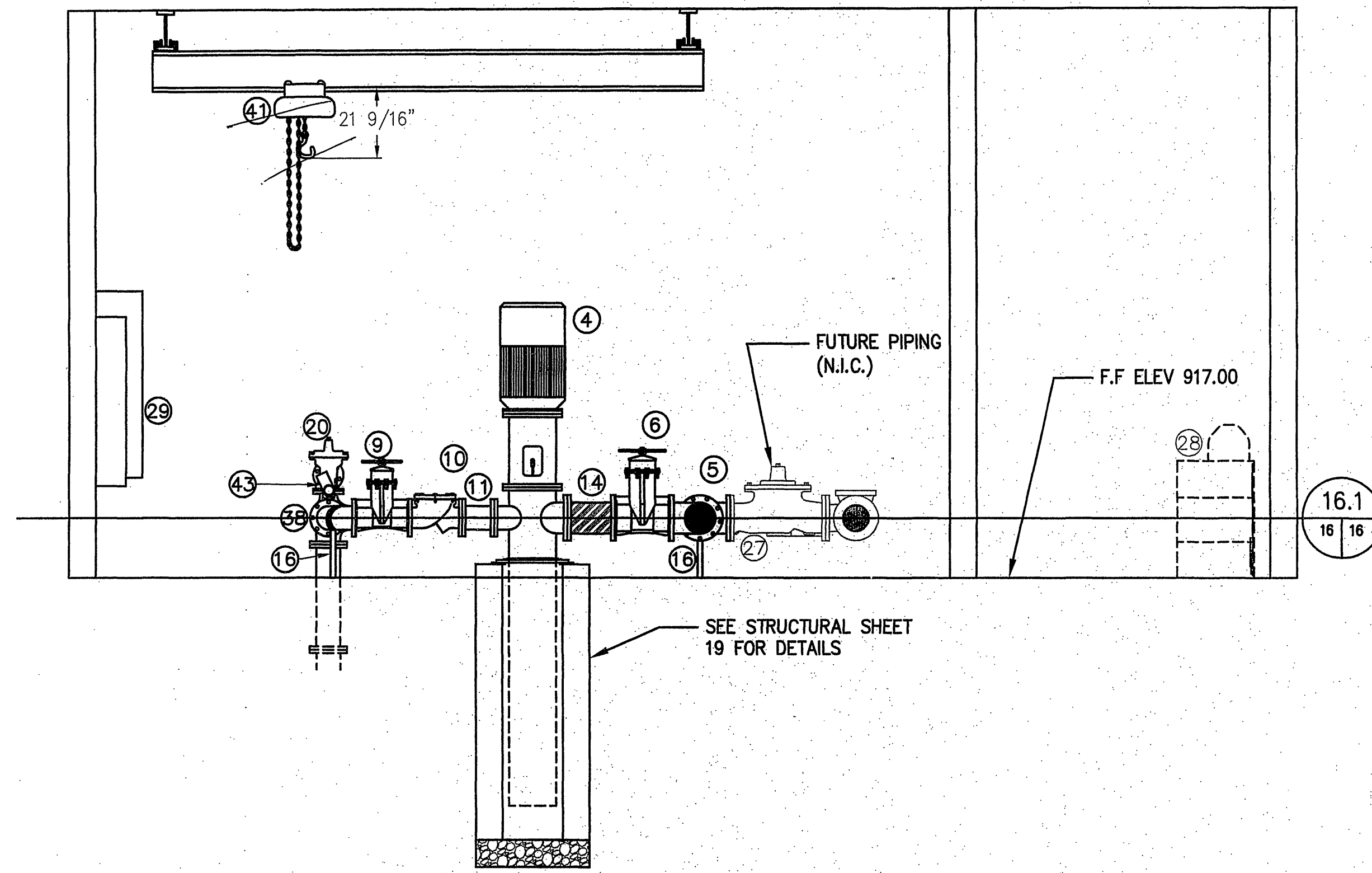
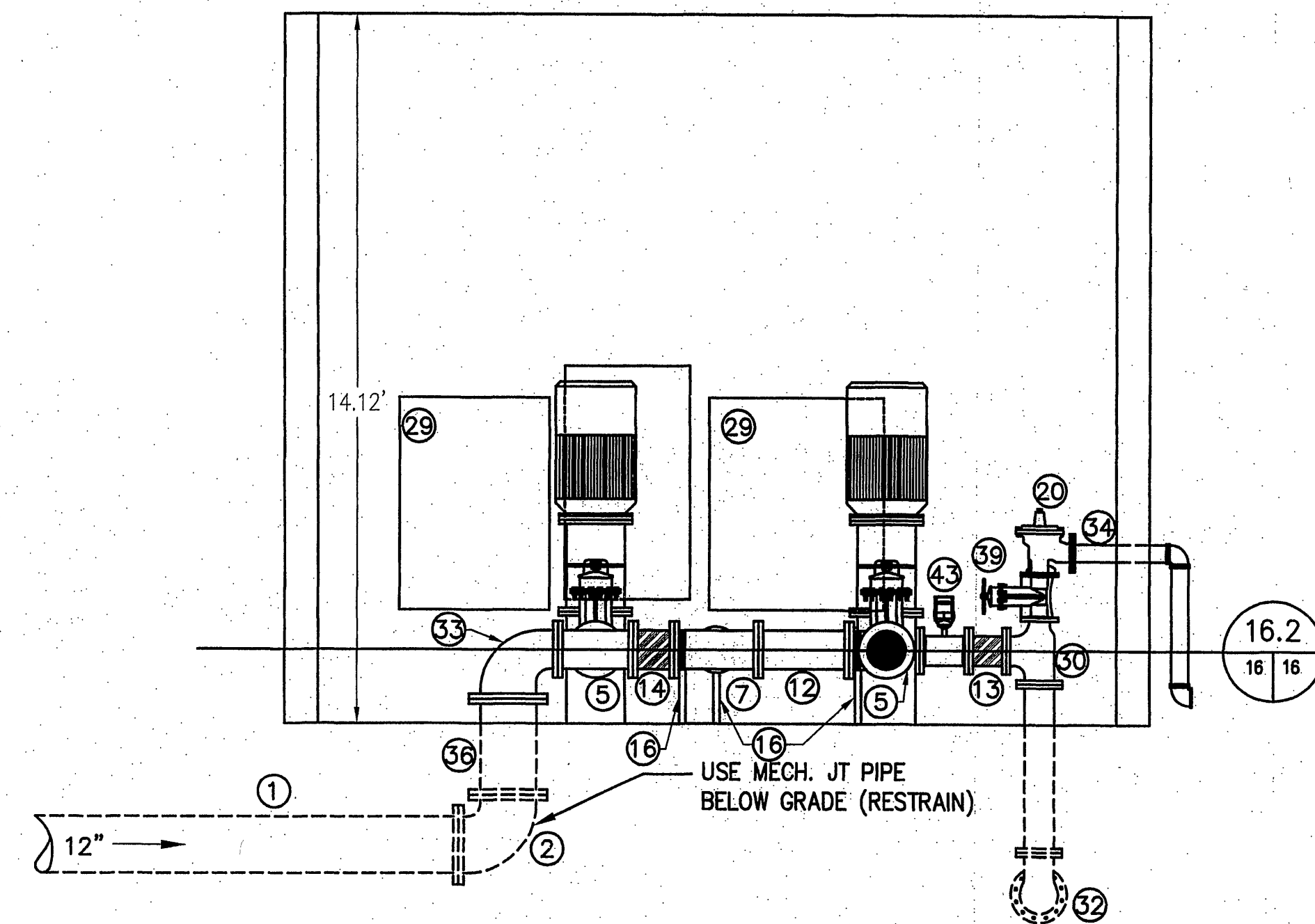




SECTION 16.1
16 16



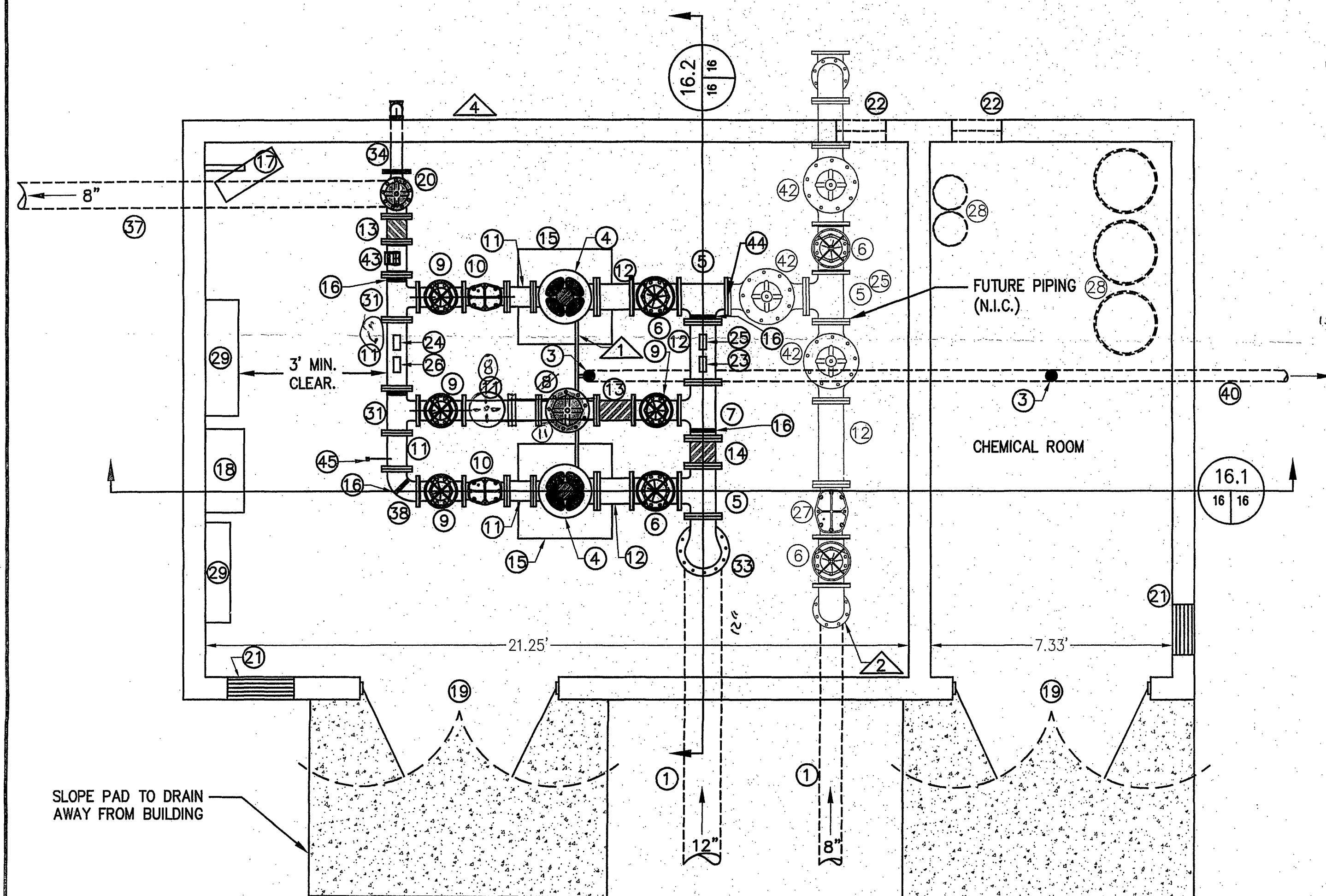
SECTION 16.2
16 16

LEGEND 3

1. SUCTION SIDE FLOW
2. 12"-90° BEND
3. 4" FLOOR DRAIN W/TRAP- BRASS FLOOR GRATING AND FRAME
4. PUMP AND MOTOR (RELOCATE FROM EXIST. PUMP STATION)
5. 8" TEE
6. 8" GATE VALVE
7. 8"x6" TEE
8. 6" PRESSURE REDUCING VALVE (MODEL: 93DC-01BPYKCKX D.S. BY CLA-VAL)
9. 6" GATE VALVE
10. 6" CHECK VALVE
11. 6" SPOOL PIECE (LENGTH AS REQUIRED)
12. 8" SPOOL PIECE (LENGTH AS REQUIRED)
13. 6" FLEXIBLE COUPLING (RESTRAINED TYPE)
14. 8" FLEXIBLE COUPLING (RESTRAINED TYPE)
15. CONC. PUMP BASE
16. PIPE SUPPORT ADJUSTABLE)
17. ELECTRIC UNIT HEATER
18. SCADA ENCLOSURE (MAX. 36"x48"x14") - BY OWNER
19. 3'-0" X 7'-0" DOUBLE DOORS
20. 4" SURGE RELIEF VALVE (MODEL: 52-03BYKC D.S. BY CLA-VAL)
21. LOUVER W/ INSECT SCREEN (MH 2'-3" TO BOTTOM)
22. EXHAUST FAN (MH 8'-0" TO BOTTOM)
23. SUCTION PRESSURE TRANSDUCER TRANSMITTER- CUT OFF PUMPS AT 20 PSI
24. PRESSURE GAUGE (DISCHARGE)
25. PRESSURE GAUGE (SUCTION)
26. DISCHARGE PRESSURE TRANSDUCER/TRANSMITTER TO SCADA
27. FUTURE 8" CHECK VALVE (N.I.C.)
28. FUTURE CHEMICAL STORAGE DRUMS (N.I.C.)
29. ELECTRICAL PANELBOARD / MOTOR STARTERS
30. 6"x4"x6" TEE
31. 6" TEE
32. 8"x6" REDUCING 90° BEND
33. 12"x8" REDUCING 90° BEND
34. 4" DISCHARGE PIPING (THROUGH WALL, DISCHARGE TO PAD/STONE)
35. 8" DISCHARGE PIPING
36. 12" SPOOL PIECE (LENGTH AS REQUIRED)
37. DISCHARGE SIDE FLOW
38. 6" -90° BEND
39. 4" GATE VALVE
40. 4" PVC FLOOR DRAIN TO DAYLIGHT *Not on site*
41. HANGER AND BRIDGE CRANE ASSEMBLY (RELOCATE FROM EXIST. PUMP STATION)
42. FUTURE CONTROL VALVE (N.I.C.)
43. 6" MAGNETIC FLOW METER (AccuMAG BY SENSUS)
44. 8" BLIND FLANGE
45. HOSE BIBB W/ VAC. BREAKER

NOTES

1. CONNECT DRAIN PIPES FROM PUMP STUFFING BOX TO FLOOR DRAIN. SIZE AND MAT'L TO BE EQUIVALENT TO EXISTING DRAIN PIPES.
2. CONTRACTOR SHALL PENETRATE FLOOR WITH NEW PIPE AND INSTALL BLIND FLANGE FOR FUTURE CONNECTION BY OTHERS.
3. ITEMS WITH THE NOTATION "N.I.C." ARE NOT IN THIS CONTRACT.
4. SEE SPECIFICATIONS FOR PAINTING OF PUMP STATION AND PUMP STATION PIPING.



FLOOR PLAN