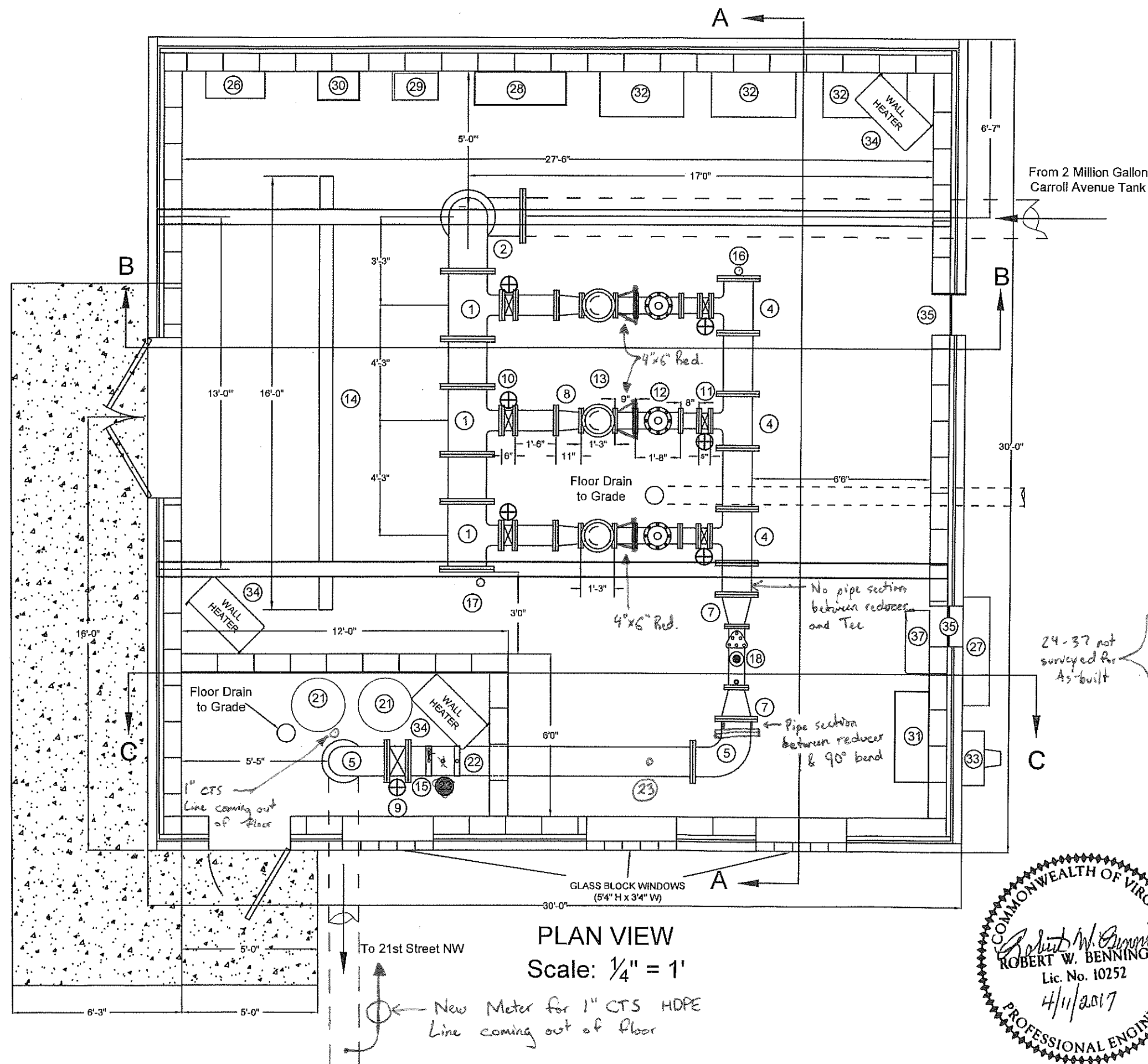


Surveyed for As-built
December 28, 2017
- Derek Jones

EQUIPMENT & FITTING LEGEND

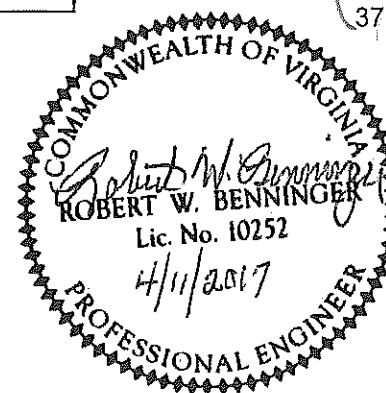
1. Flanged Ductile Iron Tee - 16"x8"x16"
2. Flanged Ductile Iron Long Radius 90° Bend - 16"
3. Mechanical Joint Ductile Iron 90° Bend - 16"
4. Flanged Ductile Iron Tee - 12"x6"x12"
5. Flanged Ductile Iron Long Radius 90° Bend - 12"
6. Mechanical Joint Ductile Iron 90° Bend - 12"
7. Flanged Ductile Iron Reducer - 12"x6"
8. Flanged Ductile Iron Reducer - 8"x6"
9. Flanged Butterfly Valve - 12" Kennedy Hand Gate Valve
10. Flanged Butterfly Valve - 8"
11. Flanged Butterfly Valve - 6"
12. Claval Control Check Valve - 6"
13. Grundfos Model CRE 90-2-2 Pump (30-HP, 450 GPM @ 150 Feet TDH)
14. 2-Ton Crane Rail & Hoist System
15. 1 1/2" Ball Valve w/ Sample Tap w/ Vacuum Breaker
16. 3-1/2" Discharge Line Pressure Gauge (0-100 PSI) & 1/4" Sample Tap
17. 3-1/2" Suction Line Compound Gauge & Low Pressure Switch (30" Hg & 0-100 PSI 30 PSI)
18. Sensus Omni C2 Water Meter - 6"
19. Hypochlorite Solution Metering Pump (Future)
20. Metering Pump Calibration Chamber (Future)
21. Hypochlorite Solution Barrel (Future)
22. Hypochlorite Solution Injection Point
23. Inline "Fail Safe" Flow Switch
24. Chlorine Room Exhaust Fan (1,000 CFM)
25. Ceiling Mounted Fluorescent Light - 4' Long (2 Tube)
26. SCADA Interface Enclosure
27. CT Cabinet (4'x4'x12")
28. 300 AMP, 480/277 Volt, 3 Phase Distribution Panel
29. 480/240 Volt Transformer
30. 50 AMP, 240 Volt Electrical Service Panel
31. 300 Amp Main Disconnect
32. 30-HP Motor VFD
33. Electric Meter
34. Wall Space Heater
35. Wall Vent (12"x18")
36. Exterior LED Light Fixture (E-Conolight Series E-WW1L)
37. Heavy Duty Double Throw Switch (Rated for 600 Volts & 400 Amps)



PLAN VIEW

Scale: 1/4" = 1'

New Meter for 1" CTS HDPE
Line coming out of floor



CARROLL AVENUE
WATER PUMP STATION
MARCH 2017
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