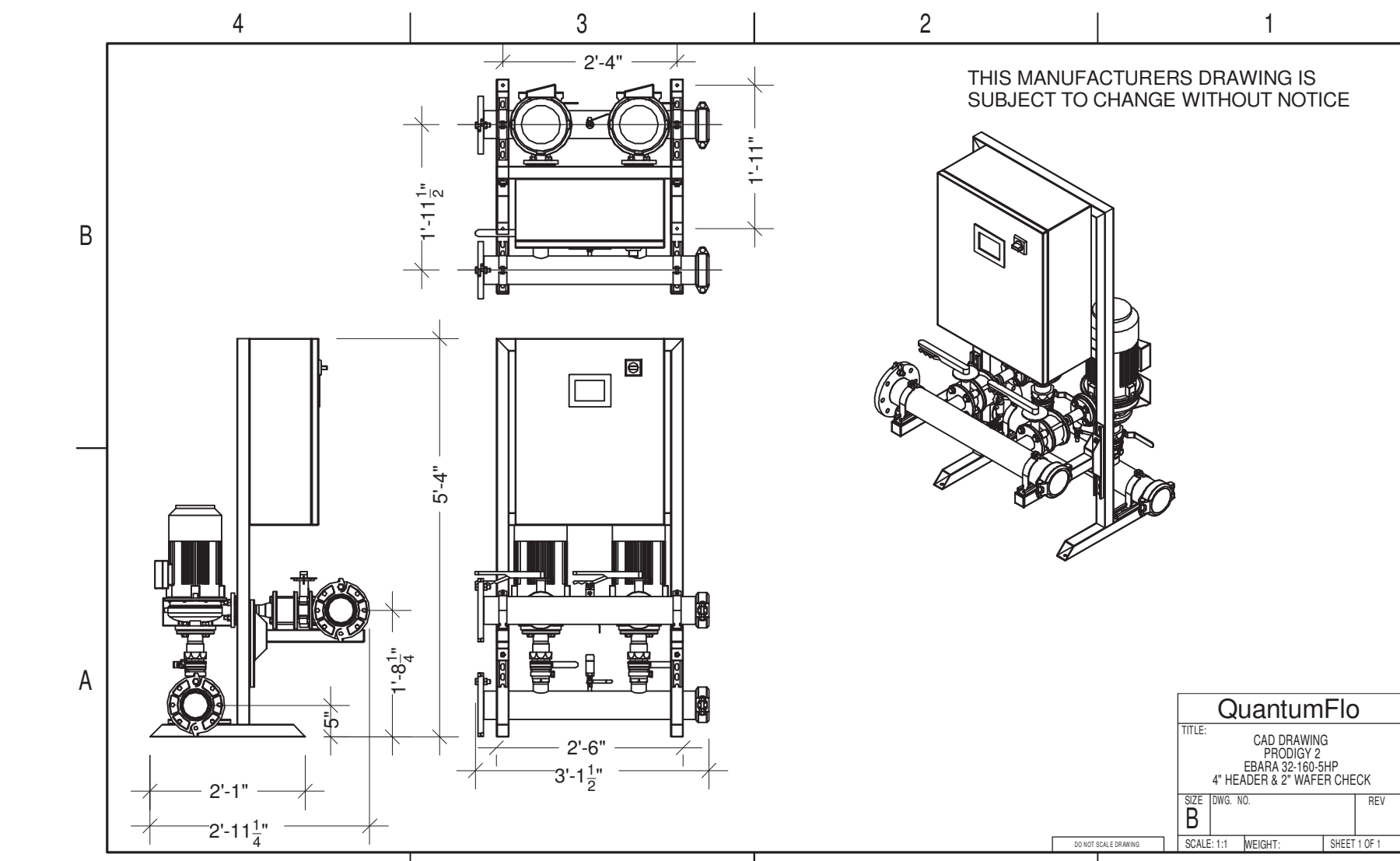
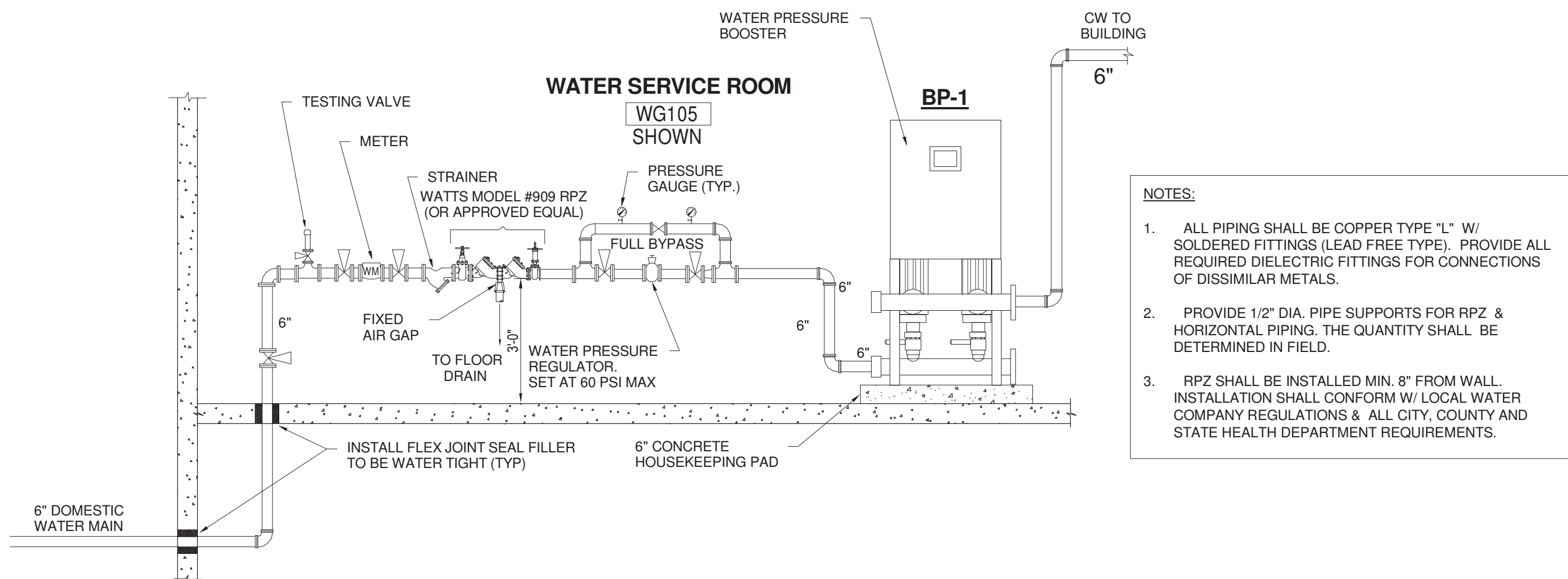


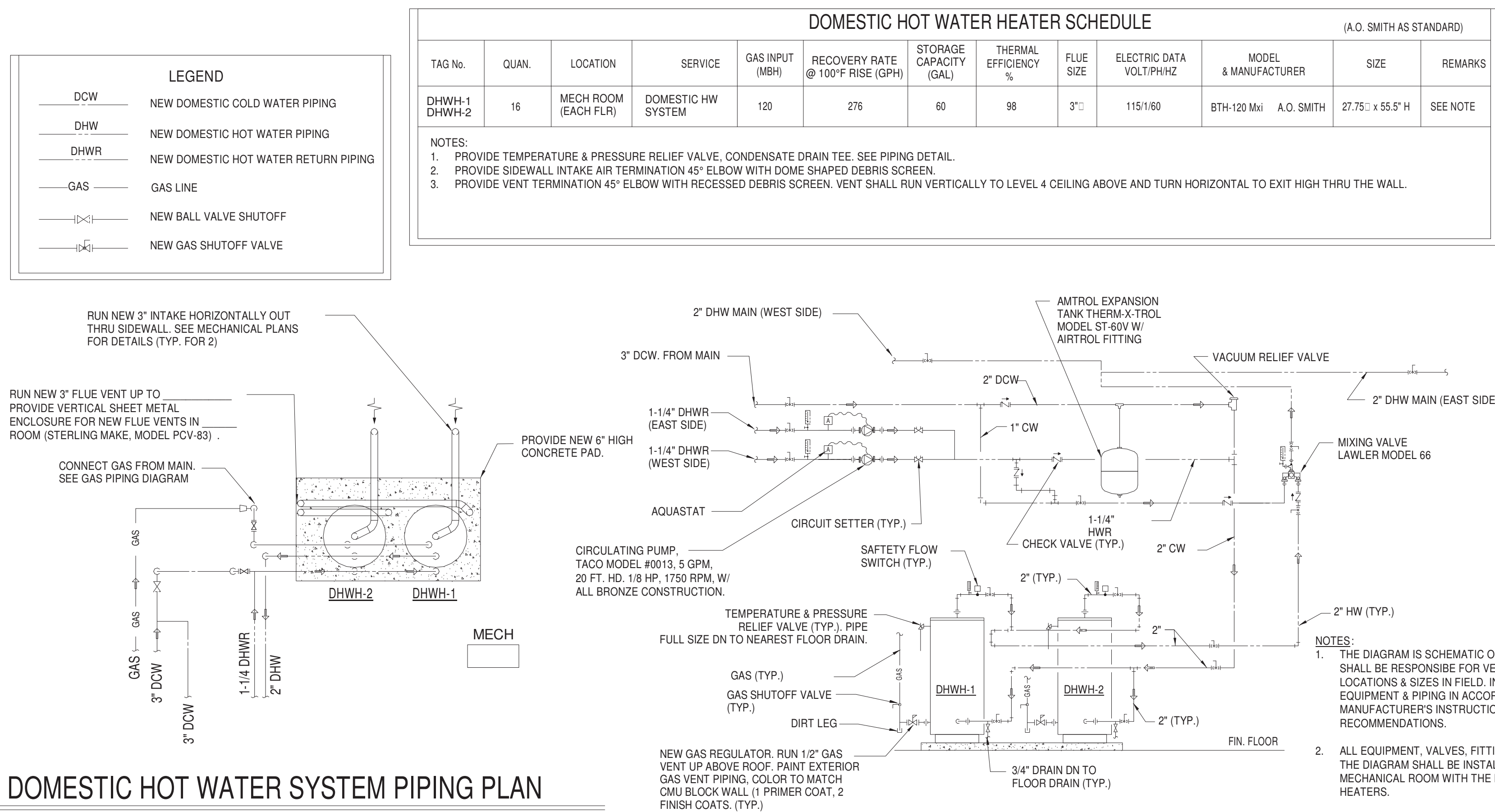
| DOMESTIC WATER PRESSURE BOOSTER SYSTEM | | | | | | | | | | | | | | | | |
|--|----------------|-----|----------|------------------------|---------------|-------------|-----------|-----------------------|----|---------|---------------|-------|-----------|----------|--|-------------------|
| TAG | LOCATION | QTY | GPM/PUMP | SYSTEM PRESSURE VALUES | | | | MOTOR DATA AND VALUES | | | CONTROL PANEL | | | | DESIGN BASIS MODEL | REMARKS |
| | | | | TDH (FT) | SUCTION (PSI) | BOOST (PSI) | SET (PSI) | RPM | HP | KW/YR | VOLTAGE | PHASE | FULL LOAD | MAX SCOR | | |
| BP-1 | EG-103 & WG105 | 2 | 133 | 81.15 | 40 | 35.13 | 70.13 | 3450 | 5 | 11137.5 | 208 | 3 | 28.4 | 100KAIC | QUANTUMFLO-20783: PRODIGY DUPLEX QES_32-1608-5 | SEE NOTE(S) BELOW |
| <div>NOTES:</div> <div>1. NET BOOST PRESSURE IS CALCULATED BY SYSTEM SET PRESSURE MINUS SUCTION PRESSURE LESS SYSTEM LOSSES OF 5 PSI</div> <div>2. SYSTEM CONTROLS MUST COMPLY WITH AND PROVIDE FOR EITHER CONTROL LOGIC OR REMOTE SENSOR IN ACCORDANCE WITH ANSI/ASHRAE/IES STANDARD 90.1 ENERGY</div> <div>3. SUPPLY PRESSURE VARIATIONS SHALL BE NOTED IN THE SUBMITTALS</div> <div>4. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 ASHRAE/IEC, SECTION 409.110 HAVING A MAXIMUM 100K AVAILABLE FAULT CURRENT.</div> <div>5. POWER RATING OF THE SUPPLIER SHALL BE COMPARED WITH THE EQUIPMENT WITHOUT THE NEED TO PROVIDE ADDITIONAL UPSTREAM PROTECTION.</div> <div>6. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 ASHRAE/IEC, SECTION 409.110 HAVING A MAXIMUM 100K AVAILABLE FAULT CURRENT.</div> | | | | | | | | | | | | | | | | |



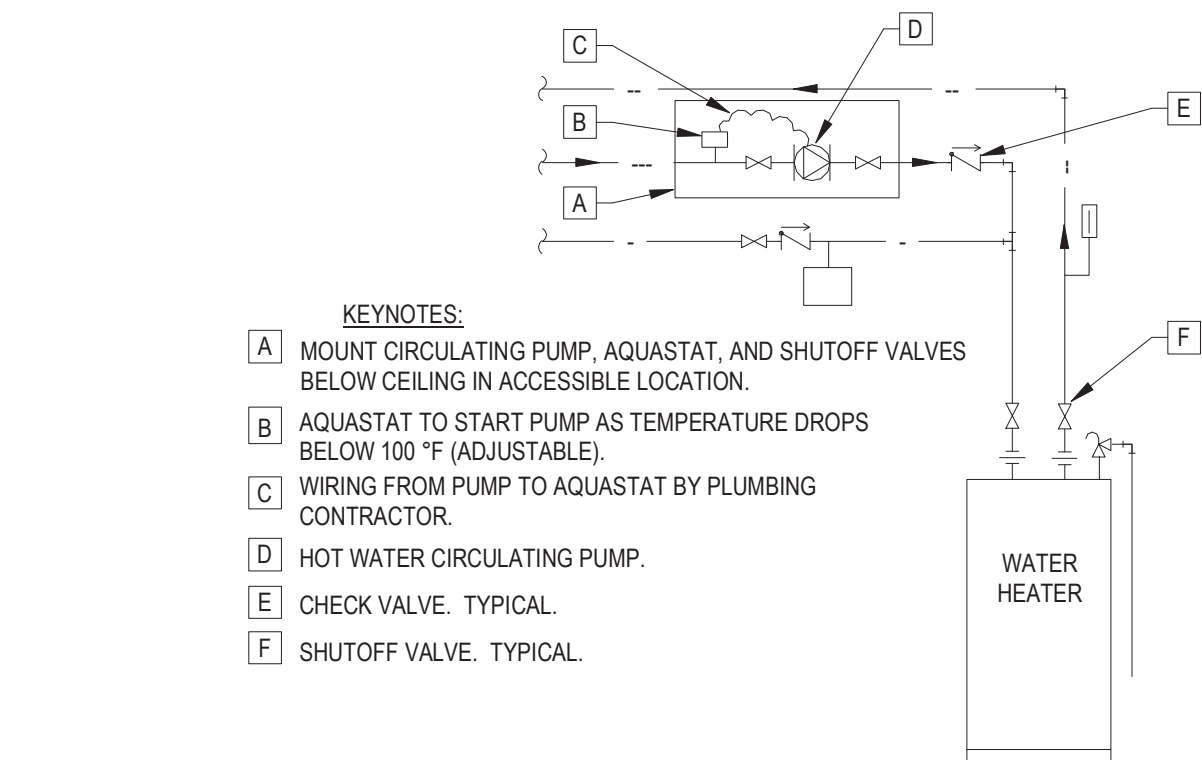
1 DOMESTIC WATER PRESSURE BOOSTER SYSTEM
1/2" = 1'-0"



2 WATER METER / BACKFLOW PREVENTER / PRESSURE BOOSTER PIPING DETAIL
1/8" = 1'-0"

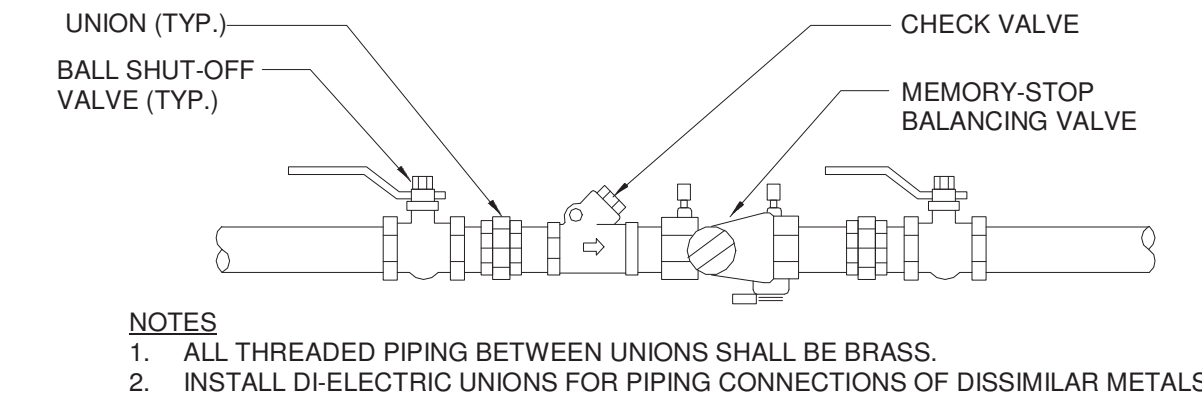


3 DOMESTIC HOT WATER PIPING PLANS AND DETAILS
1/4" = 1'-0"



HOT WATER CIRCULATING PUMP PIPING DETAIL
N.T.S.

4 HOT WATER CIRCULATING PUMP PIPING DETAIL
1/8" = 1'-0"



5 DHWR BALANCING ASSEMBLY DETAIL
1/8" = 1'-0"