

# RESIDENTIAL PVC WATER SERVICE

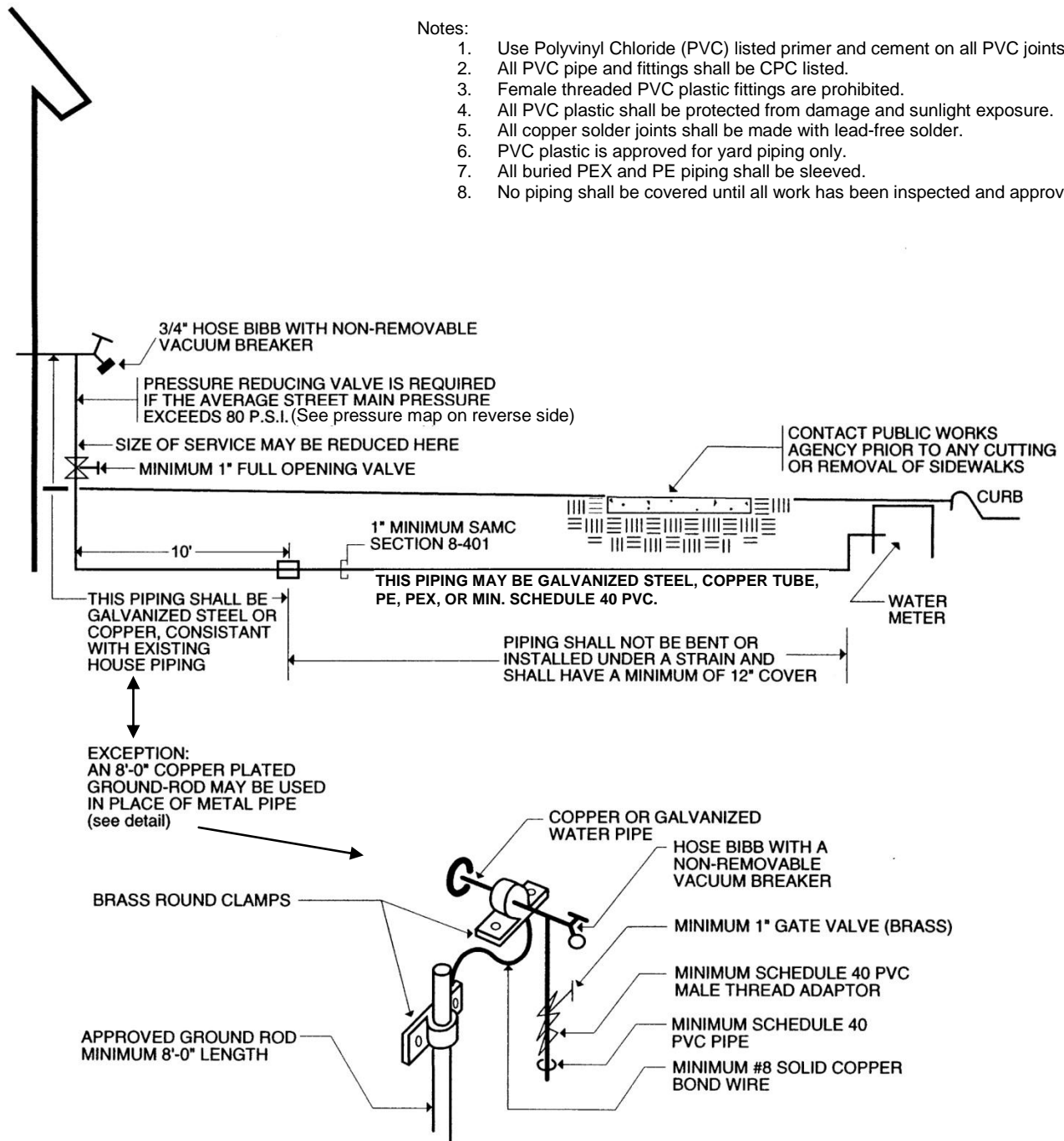
PLB-03 CPC 2022

**APPLICABLE STANDARDS:**

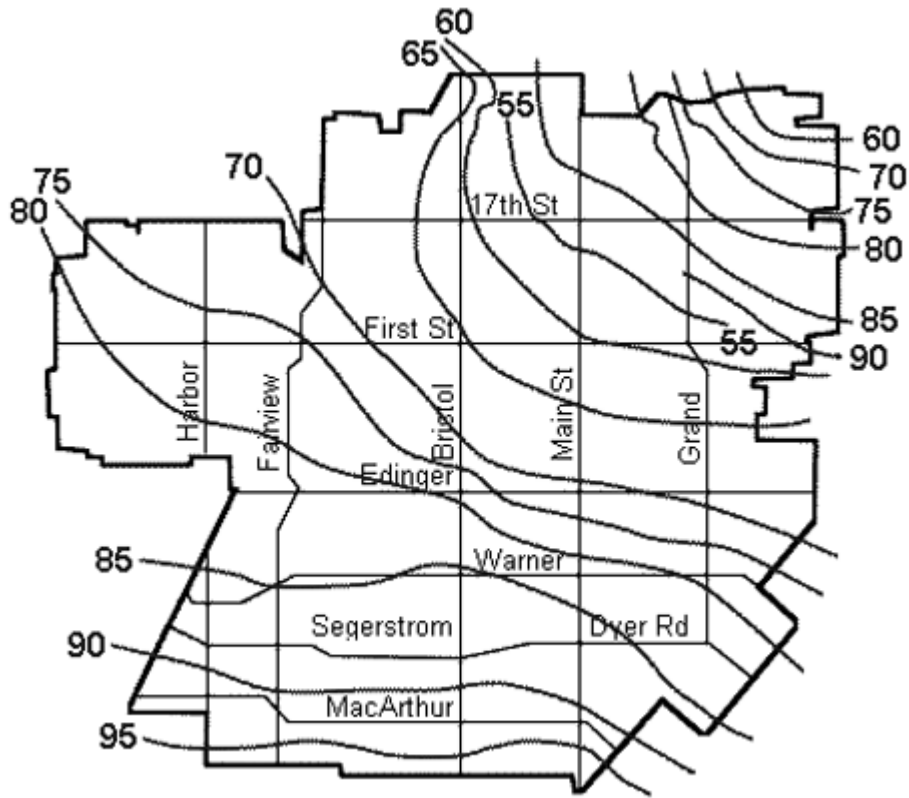
- ↳ 20 California Plumbing Code (CPC), Chapter 6.
- ↳ International Association of Plumbing and Mechanical Officials (IAPMO) Installation Standards 7-2008 & 8-2006.
- ↳ Santa Ana Municipal Code (SAMC) 8-401.

**Notes:**

1. Use Polyvinyl Chloride (PVC) listed primer and cement on all PVC joints.
2. All PVC pipe and fittings shall be CPC listed.
3. Female threaded PVC plastic fittings are prohibited.
4. All PVC plastic shall be protected from damage and sunlight exposure.
5. All copper solder joints shall be made with lead-free solder.
6. PVC plastic is approved for yard piping only.
7. All buried PEX and PE piping shall be sleeved.
8. No piping shall be covered until all work has been inspected and approved.



## Santa Ana Water Pressure Map



The pressures indicated in this map are approximates. Water pressures fluctuate. It is recommended to check the delivered water pressure to determine if a pressure-reducing valve will be required.

Where static water pressure in the water supply piping is exceeding eighty (80) pounds per square inch, an approved-type pressure regulator preceded by an adequate strainer shall be installed and the static pressure reduced to eighty (80) pounds per square inch or less.

An approved expansion tank shall be installed in the cold water distribution piping downstream of each such regulator to prevent excessive pressure from developing due to thermal expansion and to maintain the pressure setting of the regulator.