

SECTION 02510 – WATER DISTRIBUTION

All work and materials shall conform to the Drawings and the provisions of Sections I through III of the Portland Water District Specifications and Procedures, as revised 10/2003 or most current edition. Work and materials shall also conform to MDOT SECTION 653 –POLYSTYRENE PLASTIC INSULATION and MDOT DIVISION 200 – EARTHWORK with the following modifications and additions:

*MODIFICATIONS:*

Section 653.02 – Add the following: Polystyrene plastic insulation shall have a minimum thickness of 2 inches.

*ADDITIONS:*

COORDINATION: CONTRACTOR shall contact the Portland Water District (hereinafter “PWD”) four weeks prior to commencement of water main installation.

SUBMITTALS: The CONTRACTOR shall comply with the following provisions:

- A. Submit proposed methods and plans for potable Water Distribution System installation to PWD and RESIDENT for review prior to start of work as specified.
- B. Manufacturer's product data and installation instructions for all materials prior to start of construction.
- C. Construction Records - Record depth and location of the following:
  - 1. Pipe, services, valves, hydrants, bends, tees and all other appurtenances.
  - 2. Repairs to existing pipes, when encountered.
  - 3. Location of any underground utility encountered during installation.
  - 4. Connections to existing mains.
- D. Submit results of all water testing and pipe testing to PWD and RESIDENT.

Record neatly in a permanently bound notebook and submit at Substantial Completion. Provide access to records for RESIDENT at all times. Submit copies to RESIDENT on a weekly basis.

EXECUTION:

Furnishing and installing polystyrene plastic insulation shall be considered incidental to the cost of the water distribution system.

\*\*\* END OF SECTION \*\*\*