

SECTION 22 40 00

PLUMBING FIXTURES PLUMBING FIXTURES

This document is intended to note the Owners Design Requirements (ODR) for the titled specification section. Design professional to review and integrate ODR into the project's technical specifications. This ODR document should not be viewed as a standalone technical specification.

PART 1 - GENERAL REQUIREMENTS

- ◆ Definitions
 - Lead Free: Refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content $\leq 0.25\%$ per Safe Drinking Water Act as amended January 4th 2011 Section 1417.
- ◆ Spare parts
 - Deliver spare parts to Owner. Furnish spare parts described below matching products installed, packaged with protective covering for storage, and identified with labels clearly describing contents.
 - Faucet Washers and O-rings: Furnish quantity of identical units not less than 10 percent of amount of each installed.
 - Faucet Cartridges and O-rings: Furnish quantity of identical units not less than 5 percent of amount of each installed.
 - Flushometer Repair Kits: Furnish quantity of identical units not less than 10 percent of amount of each flushometer installed.
 - Provide individual metal boxes or a hinged-top wood or metal box having separate compartments for each type and size of above extra materials.
 - Toilet Seats: Furnish quantity of identical units not less than 5 percent of amount of each type toilet seat installed.

PART 2 - PRODUCTS AND MATERIALS

- ◆ Manufacturers (verify model # is not discontinued)
Model numbers to be on drawing schedule only
 - Water Closets:
 - Kohler Co. Model: K-84325
 - Urinals:
 - Kohler Co. Model: K-25048-ET
 - Lavatories:
 - Kohler Co. Model: K-2330
 - Mop Basins must have drop front with stainless steel
 - Water Coolers (must have bottle filler):
 - Elkay Manufacturing Co. Model: EZSTL8WSLK
 - Toilet Seats:
 - Kohler Co. Model K-4731-C
 - Flushometers:
 - Sloan Valve Co. (solar only)
 - WC flush valve Model: 8111-dual flush
 - Urinal flush valve Model: 8180
 - Sensor-Operated Faucets and Devices:
 - Sloan Valve Co. (solar only) Model EAF-275-CP-.5gpm-AER-IR-IQ-10s-FCT
- ◆ Water Heaters (Electric)

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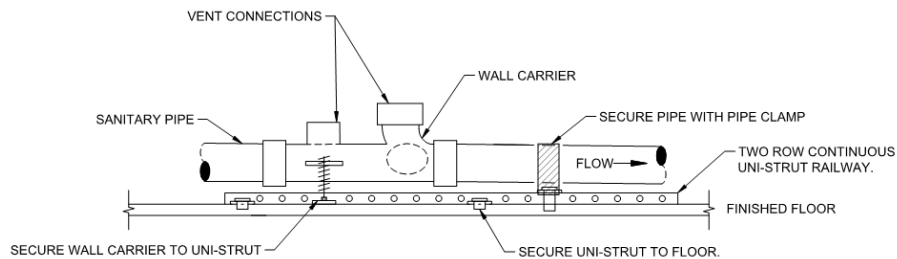
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- AO Smith Model DRE
- ♦ Trap primers/seals:
 - Electric trap primers are required for multi-drain systems.
 - Trap seals should not be accepted unless explicitly given written permission by CCDOA

PART 3 - EXECUTION

- ♦ Installation of plumbing fixtures
 - If a restroom is being renovated and the support carrier anchors positions are too close to previous anchor holes a unistrut railway system must be used to ensure safe anchoring of support carrier.



UNISTRUT RAILWAY SYSTEM FOR WATER CLOSET WALL CARRIER NO SCALE

- Cleanouts
 - There must be a cleanout above every urinal or set of back to back urinal
 - Wall cleanouts must be flush with wall so that when cleaned, no waste can get into wall cavity.
 - All wall cleanouts on sanitary piping going below grade are 42" above grade.
 - Ensure all cleanouts are above the flood rim
 - Pipe sleeve/ fire sealed???
- ♦ Water Heater Installation
 - Ensure water heater does not sit in overflow pan.

END OF SECTION 22 40 00