

SECTION 15440
PLUMBING FIXTURES & ACCESSORIES

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. The other Contract Documents complement the requirements of this section. The General Requirements apply to the work of this section.

1.2 SCOPE

- A. Provide fixtures, trim, accessories, labor and supervision necessary for the plumbing fixture installation.

1.3 QUALIFICATIONS

- A. Vitreous China and Cast Iron Enameled Fixtures
 - 1. Vitreous china and cast iron enameled fixtures by American Standard, Eljer, Kohler, Toto, or approved equal.
- B. Stainless Steel Sinks
 - 1. Stainless steel sinks by Just, Elkay, Moen, or approved equal.
- C. Faucets
 - 1. Faucets shall be Delta or approved equal with commonly available internal components.
- D. Trim
 - 1. Brass trim by Delta, American Standard, Chicago Faucet, Moen, or Toto.
- E. Drinking Fountains and Water Coolers
 - 1. Drinking fountains and water coolers by Halsey Taylor, Elkay or approved equal.
- F. Floor Drains
 - 1. Floor drains shall be Josam, J. R. Smith, Wade or Zurn.
- G. Clinic Eyewash
 - 1. Bradley Model 519-270 series
 - 2. Haws Model 7650
 - 3. Or approved equal.

1.4 FIXTURE SCHEDULE

- A. Fixtures, trim and accessories shall be of type and model numbers as scheduled on the drawings.

1.5 SUBMITTALS

- A. Submit catalog cuts giving manufacturer's model numbers, fixtures and rough-in dimensions and construction material for each type of fixture, trim and accessory scheduled.
- B. Submit to the construction manager cutout trim plate for sinks, being installed in counter tops.

PART 2 PRODUCTS

2.1 VITREOUS AND CAST IRON FIXTURES

- A. Vitreous ware shall be non-absorbent, even color, unwrapped, two-fired vitreous china, grade "A" as rated by the Bureau of Standards.
- B. Enameled cast iron fixtures shall have the enamel fused with the iron to provide a hard acid-resisting enameled finish.
- C. Vitreous and enamel fixtures shall be white, except where other colors are called for in schedule.

2.2 STAINLESS STEEL SINKS

- A. Provide stainless steel sinks fabricated from 18-gauge nickel-bearing type 302, 28-8 stainless steel, except in laboratories where they shall be type 316, with stain finish, and sound deadening treatment.
- B. Where non-self rimming sinks are specified, furnish sinks with Hudee mounting rim.

2.3 TRIM

- A. Trim for conventional fixtures shall include: supply pipes, stop valves, faucets, tailpieces, strainers, wastes, traps, floor and wall escutcheon plates, which shall be brass. Exposed trim shall be chromed plated.
- B. Stop valves shall be compression type with loose key or screwdriver control.
- C. P-traps shall be adjustable cast brass with cleanout plug.
- D. Faucets shall contain standardized interchangeable operating units for both hand closing and self-closing types, closing with the pressure of the water.
- E. Faucets for lavatories shall be 0.5-gpm maximum flow rate.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install fixtures and make water supply, waste and vent connections.
- B. Set fixtures in center of stalls, between partitions where required, verify dimensions for spacing.
- C. Setting shall be absolutely tight and rigid on proper ground. Use Miracle Adhesive Corporation Tub-Caulk or approved equal pointing materials under all setting surfaces. Grout water closets.
- D. Cover the fixtures with paper glued in place after they are set to prevent damage during the balance of construction. At the conclusion of the work, remove the paper and properly clean the fixtures.
- E. This section shall be responsible for the protection of the fixtures until acceptance by Owner. Replace damaged fixtures at no additional cost to the Owner.
- F. Floor mount all mop sinks in custodial closets or areas.
- G. Install lavatory carriers on all lavatories in toilet rooms, individually and group facilities.

END OF SECTION