

SECTION 22 0300

PLUMBING FIXTURES AND EQUIPMENT

PART 1 - GENERAL

Applicable Provisions of the Conditions of the Contract and Division 1 General Requirements govern the work in this section. Submit shop drawings for checking and approval.

1.1 DESCRIPTION OF WORK

- A. The work under this section shall consist of furnishing all labor, materials, equipment and appliances necessary and required to completely do all plumbing fixture work, as required by the Drawings and as specified herein, including but not limited to the following: plumbing fixtures, traps, fittings, trimmings, brackets, plates, anchor, chair carriers and supports.
- B. Just before the Owner's taking over the work in the building, this Contractor shall thoroughly clean all fixtures furnished and set under this Contract, leaving every fixture in perfect condition and ready for use.
- C. Submit shop drawings and roughing sheets for all equipment for checking and approval.

PART 2 - PRODUCTS

2.1 PLUMBING FIXTURES AND EQUIPMENT

- A. All fixtures shall be free from imperfections, true as to line angles, curves and color, smooth, watertight, complete in every respect and practically noiseless in operation, Fixtures specified are given as the typical standard required as manufactured by American Standard and they or other similar approved fixtures as made by Kohler, Zurn or Eljer Companies shall be furnished, set and connected in good substantial, neat workmanlike manner.
- B. The letter designations hereinafter correspond with the schedule on the Drawings.
 - 1. Water Closet - Type A1
Flush valve type, wall mounted 2856.128 "Afwall" vitreous china, siphon jet action, elongated bowl, 1-1/2" top spud, Zurn recessed hard wired 1.6 GPF low consumption flush valve, Model ZEMS 6142AV Olsonite #95 open front seat cover. Provide floor mounted carrier equal to Zurn Z1203 series or Z1204 series. Mount sensor assembly behind Zurn Model ZEMS6199 – BX17-C access panel with Vandal resistant screws. Furnish panel for general contractor installation.
 - 2. Water Closet - Type A2 (Handicapped) Same as above except Handicapped.
 - 3. Lavatory - Type B (Handicapped)
0355.012 "Lucerne" white vitreous china lavatory with 4" centers, concealed arm support, 7723.018 offset grid drain, adjustable trap, loose key stops and all required trim. Zurn Model Z6915–XL–CWB hard wired faucet with mini junction box. Mount lavatory 34" above finished floor. Lavatory piping guards by general contractor.
 - 4. Urinal - Type C
6590.501 "Washbrook" white vitreous china, siphon jet urinal, wall hanger, 3/4" top spud, Zurn recessed hard wired Model ZEMS6197AV flush valve with vacuum breaker and angle stop, Josam series 17800 or Zurn Z-1222 concealed chair carrier. Mount sensor assembly behind Zurn Model ZEMS6199-BX17-U access panel with Vandal resistant screws. Furnish panel for general contractor installation.

YONKERS PUBLIC SCHOOLS
AUDITORIUM UPGRADES & EXTERIOR BLEACHER REPLACEMENT
LINCOLN HIGH SCHOOL YPS #10873 & YPS #10888
PLUMBING FIXTURES AND EQUIPMENT

5. Electric Water Cooler - Type D (Handicapped)
Elkay EZH20 Bottle Filling Station with Bi-Level Reverse Filtered LZ Cooler Models LZSTL8WS and LZSTLDDWS.
6. Mop Receptor - Type E
242406 "ACORN Reduced Height Mop Sink TRH-242406-BDS" precast terrazzo square model mop sink with Beehive-Dome Strainer. Provide the following accessories: "KBGS" 24" stainless steel bumper guard, "KDG3" rubber drain gasket for 3" waste pipe, "KFC" chrome finish (H&C) faucet, "KH36" 36" long hose with wall hanger, "KMH" mop hanger with 3 grips on a stainless steel bracket, and "KWG" 3 side wall guard (shipped loose). All exposed surfaces shall be ground smooth and sealed. No airhole or pits shall be allowed on the finish surface. Sink shall have covered corners and be pitched to the drain outlet for positive drainage. Integral drain shall have a stainless steel strainer and provide for an inside caulked connection to a 3" pipe.
7. Floor Drains:
Josam series 30000A or Zurn Z415 type "B" coated cast iron, two piece body with double drainage flange, flashing collar, weepholes, bottom outlet and adjustable strainer.
8. Trap Primers: Provide trap primers on all floor drains equal to JR Smith 2698 with 1/2" primer tube from floor drain connected to nearest lavatory.
9. Wall Hydrants (Interior):
J.R. Smith 5609 QT bronze nickel plated quarter turn with 3/4" hose connection, integral vacuum breaker with vandal resistant cap and T-handle key. Install under lavatories in all toilet rooms.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. All fixtures shown on Drawings shall be set, connected and tested by the Contractor. He shall also make all water; soil, waste, vent and other service connections to fixtures as shown on Drawings or as directed and shall set, furnish, connect and test all necessary fittings.
- B. All pipes at fixtures passing into walls, floors or partitions shall be provided with heavy cast brass escutcheons and security (tamperproof) set screws finished to match the pipe. No "waiving" of this section will be permitted.
- C. All fittings escutcheons, faucets, traps, exposed piping etc. shall be brass, chrome plated over nickel plate with polished finish. Any visible hanger nuts shall be security (tamperproof) type and shall likewise be chrome plated over nickel plate.
- D. This Contractor shall be responsible for protecting all plumbing fixtures including in these Specifications against injury from the building materials, tools and equipment. Any fixtures damaged during the construction period shall be replaced new. After all fixtures are set, this Contractor shall carefully grout all around fixtures.

END OF SECTION