

SECTION 221319 - SANITARY WASTE PIPING SPECIALTIES

PART 1 GENERAL

1.1 WORK INCLUDED

- A. Cleanouts.
- B. Floor Drains.
- C. Floor Sinks.
- D. Grease Interceptor

1.2 RELATED WORK

- A. Section 221316 - Sanitary Waste and Vent Piping

1.3 SUBMITTALS

- A. Submit shop drawings and product data under provisions of Sections 013300.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Drain, Backwater Valves, Cleanouts, Grease Interceptor
 - 1. Zurn.
 - 2. Watts.
 - 3. Josam.
 - 4. Wade.
 - 5. Jay R. Smith.
 - 6. Substitutions: Under provisions of Section 012500.

2.2 CLEANOUTS AND CLEANOUT ACCESS COVERS

- A. Provide caulked or threaded type extended to finished floor or wall surface. Provide bolted coverplate cleanouts on vertical rainwater leaders only. Ensure ample clearance at cleanout for rodding of drainage system.
- B. Cleanout Access Covers: In Unfinished Areas provide round covers with nickel bronze scored frames and plates. Provide round access covers in finished areas with depressed center section to accommodate floor finish. Wall cleanouts to have chrome plated caps.

C. Cleanouts in horizontal surfaces shall be equal to the following Zurn models:

1. Unfinished Areas

- a. All ZN-1400-NH

D. Cleanout covers for all vertical surfaces shall be Zurn ZN-1446.

2.3 FLOOR DRAINS

A. Floor drains shall be Zurn ZN-415B, lacquered cast iron body with bottom outlet, combination invertible membrane clamp and adjustable Type B nickel bronze strainer.

B. Provide lacquered cast iron deep seal "P" trap, spigot inlet and side outlet spigot connection.

2.4 FLOOR SINKS

A. 12" x 12" x 8" deep cast iron body and square, light-duty grate with 1/2" slotted openings, white acid resisting porcelain enamel interior and top, complete with seepage pan clamping collar and white ABS anti-splash interior bottom dome strainer. Zurn ZN-1901-KC.

2.5 GREASE INTERCEPTOR

A. Watts WD Series PDI Certified floor mounted epoxy coated steel grease interceptor with gasketed skid-proof cover secured with hex head center bolt, removable baffle assembly, deep seal trap with cleanout and air relief bypass, external vented flow control fitting, and no hub (standard) connections.

PART 3 EXECUTION

3.1 INSTALLATION

A. Lubricate cleanout plugs with mixture of graphite and linseed oil. Prior to building turnover, remove cleanout plugs, re-lubricate and re-install using only enough force to ensure permanent leakproof joint.

B. Slope drainage lines 1/4 inch per foot where possible, 1/8 inch per foot minimum.

END OF SECTION 221319