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Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format. The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the drawings. Delete all "Specifier Notes" when editing this section.

SECTION 22 13 19

ASME A112.6.3, Stainless Steel Floor Drains

Specifier Notes: This section covers the ZURN Z1830 Stainless Steel Industrial Deep Body Floor Drain with easily removable loose set anti-tilt grate, reinforced top frame, and perforated removable sediment bucket with lift handle. Drain has sanitary pre-sloped bottom sump and pre-pour stabilizing anchor tabs. Consult ZURN for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Stainless steel industrial deep body floor drain with anti-tilt grate.

1.2 RELATED SECTIONS

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 22 10 00 - Building Services Piping.
- B. Section 22 40 00 - Plumbing Fixtures and Equipment.

1.3 REFERENCES

- A. ASME A112.6.3 - Floor and Trench Drains.

1.4 SUBMITTALS

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Do not store materials in direct sunlight.
- C. Handling: Protect materials and finish during handling and installation to prevent damage.

PART 2 PRODUCTS

2.1 MANUFACTURER

Specifier Notes: Specify ZURN INDUSTRIES, LLC.

- A. [Zurn Industries LLC., 1801 Pittsburgh Avenue, Erie, PA. 16502 Toll Free (855) 663-9876.]
Web Site www.zurn.com

2.2 MATERIALS

- A. Stainless Steel Floor Drain: Stainless Steel Industrial Deep Body Floor Drain with easily removable loose set anti-tilt grate, reinforced top frame, and perforated removable sediment bucket with lift handle. Drain has sanitary pre-sloped bottom sump and pre-pour stabilizing anchor tabs.
 - 1. Type 304 stainless steel engineered side outlet floor drain with reinforced top frame, sanitary pre-sloped bottom sump, and pre-pour stabilizing anchor tabs
 - 2. 2", 3", 4", or 6" type 304 stainless steel Butt-Weld or No-Hub connection type
 - 3. Type 304 stainless steel perforated removable sediment bucket with lift handle
 - 4. Type 304 stainless steel loose set anti-tilt grate

Specifier Notes: Grate type (Product Designation) must be specified.

- B. Sizing
 - 1. Z1830-8B 8" Round Perimeter Drainage Cover – Heavy Duty
 - 2. Z1830-8S 8" Square Perimeter Drainage Cover – Heavy Duty
 - 3. Z1830-12B 12" Round Perimeter Drainage Cover – Extra Heavy Duty
 - 4. Z1830-12S 12" Square Perimeter Drainage Cover – Extra Heavy Duty

Specifier Notes: Specify required Z1830 stainless steel industrial deep body floor drain options and revise above text as necessary. Delete options not required. Consult ZURN INDUSTRIES, LLC. for additional information.

- C. Finish Options:
 - 1. Z – All Type 304 (CF8) Stainless Steel (provided as standard unless specified)
 - 2. ZM – All Type 316 (CF8M) Stainless Steel

- D. Grate Options (See Section 2.2 B for standard grate for each model unless specified)
 - 1. -GCH Heavy-Duty Gas Tight Solid Cover (Compatible with Z1830-8B and -8S)
 - 2. -GCX Extra-Heavy-Duty Gas Tight Solid Cover (Compatible with Z1830-12B and -12S)
 - 3. -PCS Special-Duty Perimeter Drainage Cover (Compatible with Z1830-12B and -12S)
 - 4. -PCX Extra-Heavy-Duty Perimeter Drainage Cover (Compatible with Z1830-8B and -8S)
 - 5. -PGM Medium-Duty Perforated Grate (Compatible with Z1830-8B, -8S, -12B, -12S)
 - 6. -SGH Heavy-Duty Slotted Grate (Compatible with Z1830-8B, -8S, -12B, -12S)
 - 7. -SGM Medium-Duty Slotted Grate (Compatible with Z1830-8B, -8S, -12B, -12S)

- E. Outlet Options
 - 1. 2" BW (Not available on Z1830-12B or -12S)
 - 2. 2" NH (Not available on Z1830-12B or -12S)
 - 3. 3" BW
 - 4. 3" NH
 - 5. 4" BW
 - 6. 4" NH
 - 7. 6" BW (Not available on Z1830-8B, or -8S)
 - 8. 6" NH (Not available on Z1830-8B, or -8S)

- F. Misc. Options
 - 1. -B Bell Trap / Solid Sediment Bucket
 - 2. -KC Anchor Flange w/ Seepage Holes and Clamp Collar
 - 3. -P ½" Diameter Trap Primer Connection
 - 4. -TS Top Secured Grate
 - 5. -2PT 2" Stainless Steel P-Trap (Not Available on the Z1830-12B or -12S)
 - 6. -3PT 3" Stainless Steel P-Trap
 - 7. -4PT 4" Stainless Steel P-Trap
 - 8. -6PT 6" Stainless Steel P-Trap (Not Available on the Z1830-8B, or -8S)

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive Stainless Steel Industrial Floor Drain. Notify Architect of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

3.2 INSTALLATION

- A. Secure Drain Body to pipe connection
- B. Ensure Drain is adjusted to proper height and level
- C. Protect finished surfaces of Drain, Frame, and Grate prior to concrete pour
- D. Encase Drain in concrete

3.3 PROTECTION

- A. Protect installed Stainless Steel Industrial Floor Drains from damage during construction.

END OF SECTION