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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 11 19

SANITARY WASTE PIPING SPECIALTIES

Specifier Notes: This section covers ZURN Z1395XL Lead-Free, Non-Freeze Yard Hydrants. Consult ZURN for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Lead-Free Yard Hydrant – Exposed Head, Non-Freeze Hydrant

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 220519 "Meters and Gages for Plumbing Piping" for thermometers, pressure gages, and flow meters in domestic water piping.
- B. Section 221116 "Domestic Water Piping" for water meters.
- C. Section 223200 "Domestic Water Filtration Equipment" for water filters in domestic water piping.
- D. Section 224300 "Medical Plumbing Fixtures" for thermostatic mixing valves for sitz baths, thermostatic mixing-valve assemblies for hydrotherapy equipment, and outlet boxes for dialysis equipment.

- E. Section 224500 "Emergency Plumbing Fixtures" for water tempering equipment.
- F. Section 224713 "Drinking Fountains" for water filters for water coolers.
- G. Section 224716 "Pressure Water Coolers" for water filters for water coolers.
- H. Section 224723 "Remote Water Coolers" for water filters for water coolers.

1.3 REFERENCES

- A. SWDA Sect 1417(d)

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.]
Website: www.zurn.com

2.2 MATERIALS

- A. Exposed, lead-free, non-freeze Yard Hydrant. Hydrant features a Dura-Coated cast iron head and lift handle with lock option, galvanized steel casing, bronze and stainless steel interior components, 3/4" [19] inlet connection with 1/8" [3] tapped drainage port on housing, and 3/4" [19] male hose connection.
 - 1. Hydrant Head – cast iron
 - 2. Operating Rod – stainless steel
 - 3. Interior Components – low-lead bronze and stainless steel
 - 4. Plunger Assembly – NBR
 - 5. Hydrant Casing – galvanized Steel
 - 6. Valve Housing – low-lead bronze

7. 3/4" [19] Hose Adapter – low-lead bronze
8. Packing – fiber graphite

Specifier Notes: Bury Depth must be specified.

- B. Sizing (Depth of Bury) Feet [mm]
1. 2' [610]
 2. 3' [914]
 3. 4' [1219]
 4. 5' [1524]
 5. 6' [1829]
 6. 8' [2438]

Specifier Notes: Specify required Z1395XL Lead-Free, Non-Freeze Yard Hydrant options and revise above text as necessary. Delete options not required. Consult ZURN INDUSTRIES, LLC for additional information.

- C. Suffix Options:
1. -AC Aluminum Casing Guard
 2. -RK Hydrant Parts Repair Kit
 3. -VB 3/4 [19] Adapter Vacuum Breaker

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive ZURN Z1395XL Lead-Free, Non-Freeze Yard Hydrant. 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. Install ZURN Z1395XL Lead-Free, Non-Freeze Yard Hydrant in accordance with manufacturer's instructions provided in the manner deemed acceptable by the on-site Project Engineer / Manager.

3.3 PROTECTION

- A. Protect installed ZURN Z1395XL Lead-Free, Non-Freeze Yard Hydrant from damage prior to, during, and post construction.

END OF SECTION