**SECTION 22 13 19 – DRAINAGE PIPING SPECIALTIES**

**ZURN GUIDE SPECIFICATION**

The following specification text has been prepared by Zurn to assist design professionals in the preparation of a specification for floor and trench drains.

Utilize these paragraphs to insert text into Specification **Section 22 13 19.13 – Sanitary Drains** or similarly titled section governing this work.

The following should be noted in using this document:

Optional text requiring a selection by the user is enclosed within brackets and as [Red.] text.

Items requiring user input are enclosed within brackets and as red text, e.g.: "[2] [\_\_] years."

For assistance on the use of the products in this section, contact Zurn by calling 1-855-663-9876 or visit their website [www.zurn.com](http://www.zurn.com/)

PART 1 – GENERAL

SUBMITTALS

Action Submittals:

Product Data: Manufacturer’s product data sheets with descriptive, product attributes, including optional variations required, and indications of certifications/listings.

QUALITY ASSURANCE

Sanitary drains are to be in accordance with requirements of ASME A112.6.3, Floor and Trench Drains

PART 2 – PRODUCTS

MANUFACTURERS

Contract Documents are based on Zurn. [www.zurn.com](http://zurn.com/)

Substitutions: [Refer to Division 01.] [Not permitted.]

Floor drains are specified below with model numbers and available options. If the drains are listed on a drawing schedule, ensure the model number includes suffix options and revise the drain paragraph specification title to the drawing tag identification, i.e. “FLOOR DRAIN TYPE A”.

general re: Floor Drains

If floor drains **are not** listed on a drawing schedule, delete “and the drawing schedule”.

Sanitary floor drains are to be vandal-proof drains in accordance with ASME A112.6.3 and the drawing schedule.

Use the following for a Zurn Model ZPD1 shallow floor/shower drain with clamping frame and drop-in outlet.

**FLOOR/SHOWER DRAIN**

Zurn “POD PRO” type 304 cast stainless steel ½” deep body drain assembly,2” or 3” size as shown, Model [ZPD!-NB with a nickel bronze top] [ZPD1-SS with a stainless steel top] equipped with:

 a 12” long independent type 304 stainless steel drop-in bottom outlet with neoprene gasket

a combination nickel bronze or stainless steel membrane clamp and frame with integral seepage slots

a heel-proof [round] [square] strainer with securing hardware and disposable cover to protect the strainer during construction and finishing

 3 drain body securing flanges

Options for the drain assembly are as follows:

Select required drain options from the following list.

 a -CL [ inch] custom length outlet for use with a trap seal primer

 a -TSP trap seal protection device sized to the drain outlet

 a -Y sediment bucket

Use the following for a Zurn Model FD2 5” top PVC floor/shower drain with deck plate.

**FLOOR/SHOWER DRAIN**

Zurn Model FD2 Series drain assembly sized as shown, equipped with:

 a [ “ high] solvent weld PVC body with ½” trap primer connection knock-out plug

a stainless steel deck plate and top assembly

a heel-proof [round] [square] [nickel bronze] [stainless steel] strainer with securing hardware

 3 drain body securing flanges

Options for the drain assembly are as follows:

Select required drain options from the following list.

 a -CC stainless steel clamp collar

 an -EF ¾” extension frame

 a -FI floor insert for use with a round top only

 a -TSP trap seal protection device sized to the drain outlet

 a -U 2¾” high extension adaptor

 a -Y sediment bucket

Use the following for a Zurn Model ZPT2 Shallow stainless steel light-duty linear trench drain.

SHALLOW STAINLESS STEEL Trench DRAIN

Zurn Model ZPT1 “POD PRO” shallow, ½” deep, [24”] [30”] [36”] [42”] [48”] [54”] [60”] linear, anti-ponding type 304 #18 gauge stainless steel trench drain with anchor hardware, 2” no-hub offset and:

 12” long type 304 stainless steel drop-in bottom outlet with neoprene gasket

 an integral membrane flange for glue-on or adhesive backed membranes

a secured #13 gauge stainless steel, heel-proof, light-duty [-LS slotted] [-BW basket weave] [-DB decorative block] [wave] grate with combination tiling edge and integrated grate lock-down

 Options for the trench drain assembly are as follows:

Select required drain options from the following list.

 a -CLO custom length outlet in 1” increments

 a -CLT custom length trench in 1” increments

 an -EXT custom height grate in ⅛” increments

 a -FS outlet filter screen

 an -OL custom outlet location in 1” increments

 a -TBO two bottom outlets in 1” increments

 a -TSP trap seal protection device sized to the drain outlet

PART 3 – EXECUTION

Installation Of Floor/SHOWER Drains

Provide floor/shower drains where shown on the drawings.

Confirm the exact location of drains prior to roughing in. Where drains occur in washrooms coordinate locations with toilet partition installations.

Temporarily plug and cover drains during construction procedures. Remove plugs and covers during final cleanup work and when requested, demonstrate free and clear operation of each drain. Replace any damaged grates and refinish any areas of the drain where the finish has been damaged.

Installation Of SHALLOW Trench Drains

Provide presloped sections of shallow trench drain where shown and install so that top of grates are level and plumb in relation to floor finishes. Provide accessories, traps, etc., as required.

Be present during the concrete pour to ensure that trench drainage is not dislodged or damaged and remains straight and true. Immediately report any problems.

Install grating and secure in place.

Temporarily cover trench drainage openings during construction procedures. Clean trenches when work is complete.

**END OF SECTION**