

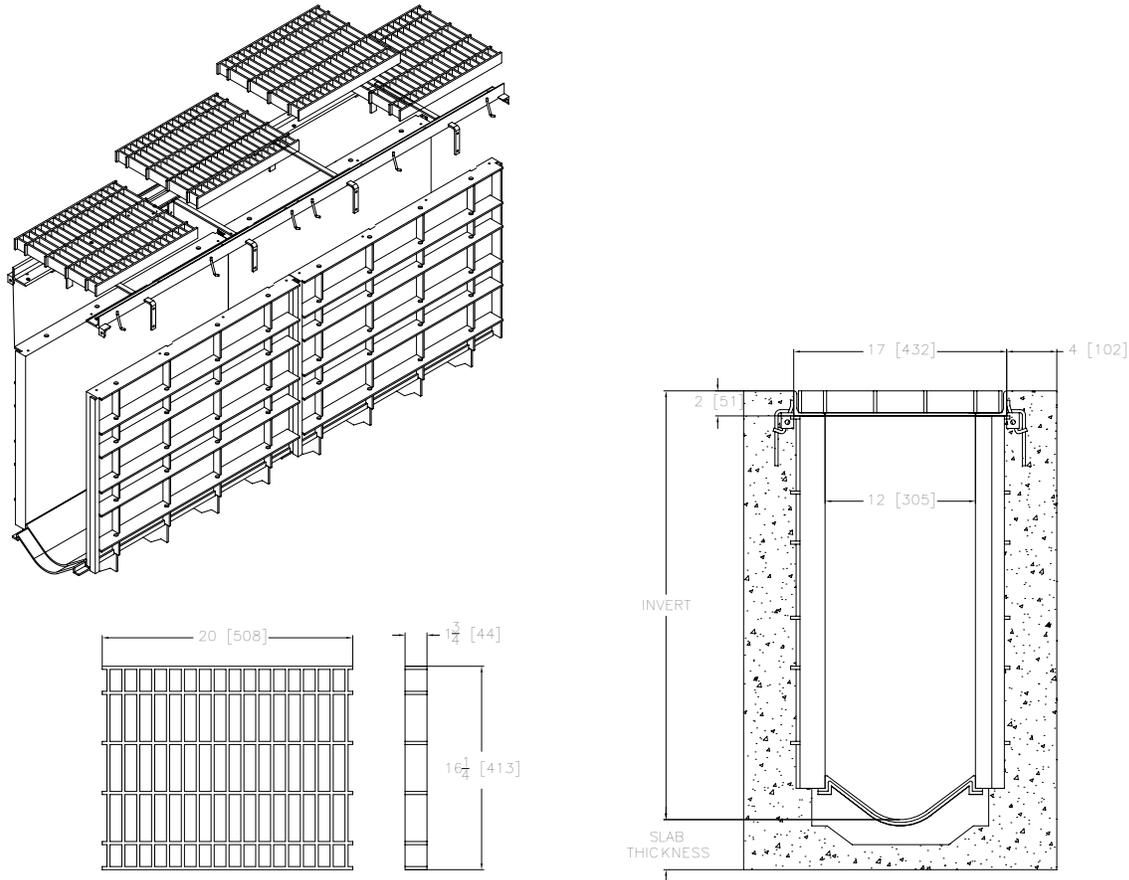


**Z874-12-SBG**  
STAINLESS STEEL SLOTTED BAR GRATE

SPECIFICATION SHEET

TAG \_\_\_\_\_

Design and Dimensional Data (inches and [ mm ]) are Subject to Manufacturing Tolerances and Change Without Notice



**CHANNEL ENGINEERING SPECIFICATION: Zurn Z874-12**

Channels shall be 80 [2032] long, 17 [432] wide reveal and have a 12 [305] wide throat. Modular channel sections shall be made of 0% water absorbent High Density Polyethylene (HDPE). Shall have a positive mechanical connection between channel sections that will not separate during the installation and shall mechanically lock into the concrete surround every 10 [254]. Channels shall weigh less than 6.6 lbs. [3 kg] per linear foot, have smooth 3.5 [89] radiused self cleaning bottom with a Manning's coefficient of .009 and 1.00% or neutral 0% built-in slope. Channels are available with inverts ranging from 9.25 [235] to 34.21 [869]. Channel shall have all grates locked down. Channels come with clips attached to the frame to accommodate vertical re-bar for positioning and anchoring purposes. The 1/4 [6] thick Carbon Steel Frame Assembly (**304 and 316 Stainless Steel frame available upon request**) conforms to ASTM specification A36 with 10 - 4 [102] long concrete anchors per 80 [2032]. The frame is supplied with a powder coated finish (Stainless Steel frames are supplied raw). All welds must be performed by a certified welder per ASTM standard AWS D1.1. Frames shall be produced in the USA.

**SBG GRATE ENGINEERING SPECIFICATION:**

Zurn 16.25" Wide Stainless Steel Slotted Bar Grate. Stainless Steel conforms to ASTM Specification A351, Grade CF8(Type 304). Stainless Steel Slotted Bar Grate is rated class A per the DIN 19580 / EN 1433 top load classification. Supplied in 20" nominal lengths. Grate has a slot width of .94 in with an open area of 132.75 sq. in. per ft. (**Type 316 Stainless Steel available upon request**)

\* Regularly furnished unless otherwise specified

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