



Z874-U-9-HDG

UTILITY TRENCH W/ GALVANIZED STEEL FRAME

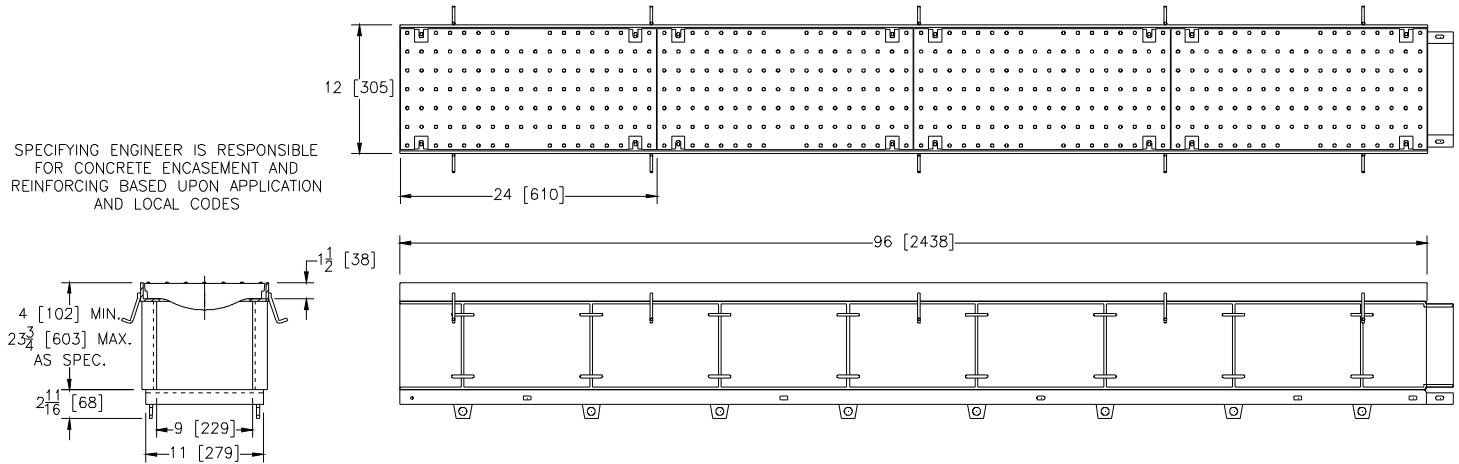
9" THROAT WIDTH & COVER

SPECIFICATION SHEET

TAG _____

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

SPECIFYING ENGINEER IS RESPONSIBLE FOR CONCRETE ENCASEMENT AND REINFORCING BASED UPON APPLICATION AND LOCAL CODES



ENGINEERING SPECIFICATION: Zurn Z874-U-9-HDG Channels shall be 96 [2438] long, 12 [305] wide reveal and have a 9 [229] 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 12 [305]. Channels shall weigh less than 5.05 lbs.[2.29kg] per linear foot, smooth bottom with a Manning's coefficient of 0.009 and neutral 0% built in slope. Shall be provided with standard GC Galvanized Ductile Iron Solid covers that lock down to frame. Zurn 12 [305] wide reveal Galvanized Ductile Iron Solid Cover conforming to ASTM specification A536-84, Grade 80-55-06. Galvanized Ductile Iron Solid Cover is rated class C per the DIN EN1433 top load classifications. Supplied in 24 [608] nominal lengths and 0.81 [21] bearing depth. The 0.25 [6] thick Galvanized Carbon Steel Frame Assembly conforms to ASTM specification A36 and Galvanizing conforms to ASTM specification A123 with 10 - 4 [102] long concrete anchors per 96 [2438]. Grate lockdown bars are to be integral to the frame. All welds must be performed by a certified welder per ASTM standard AWS D1.1. Frames Shall be produced in the USA.

PREFIX OPTIONS (Check/specify appropriate options)

- Z 96 inch, High Density Polyethylene (HDPE) channel, Heavy Duty Galvanized Frame with anchor studs *

SUFFIX OPTIONS (Check/specify appropriate options)

Outlet Adapters Add/Each

- E1 Closed End Cap
- E2 2 [51] No-Hub End Outlet (6 [152] min.)
- E4 4 [102] No-Hub End Outlet (8 [203] min.)
- E6 6 [152] No-Hub End Outlet (10 [254] min.)
- E8 8 [203] No-Hub End Outlet (12 [305] min.)
- U4 4 [102] No-Hub Bottom Outlet
- U6 6 [152] No-Hub Bottom Outlet
- U8 8 [203] No-Hub Bottom Outlet

Frame Options

- CBF Black Acid Resistant Coated Top Frame
- CWF White Acid Resistant Coated Top Frame

Grate Options (Load Classifications are per DIN EN1433)

- DC Ductile Iron Solid Cover - Class C
- DCE Ductile Iron Solid Cover - Class E
- GC Galvanized Ductile Iron Solid Cover - Class C *
- GCE Galvanized Ductile Iron Solid Cover - Class E

Made in the U.S.A. (Load Classifications are per DIN EN1433)

- RGC Reinforced Galvanized Cover - Class A

Miscellaneous Options

- DB Bottom Dome Strainer
- VP Vandal-Proof Lockdown

*REGULARLY FURNISHED UNLESS OTHERWISE SPECIFIED

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