



Z874-U-9-HD

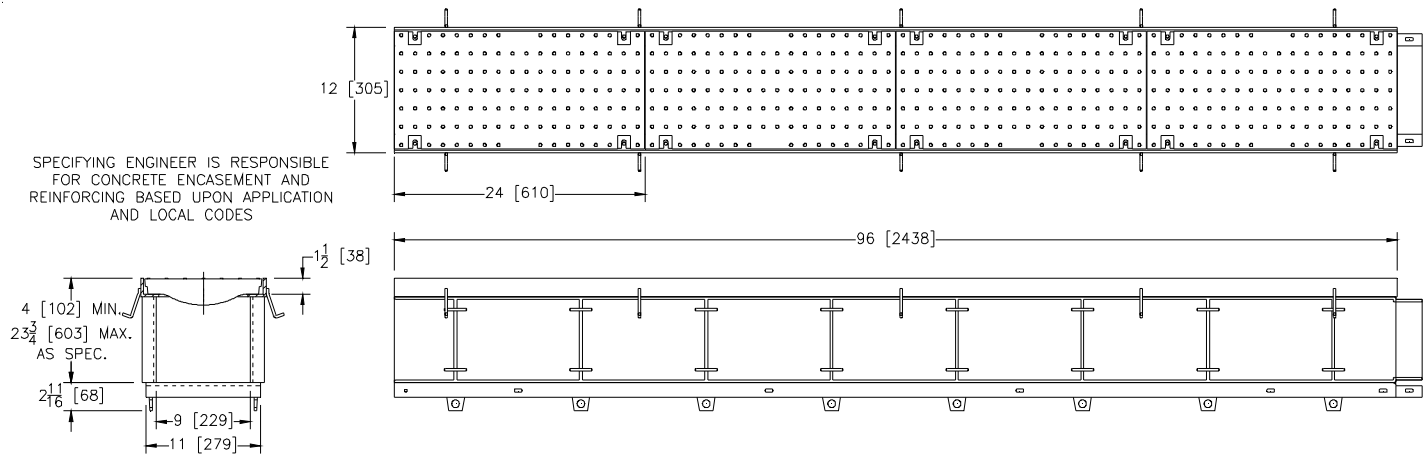
UTILITY TRENCH W/ STEEL FRAME

9 [229] THROAT WIDTH & COVER

SPECIFICATION SHEET

TAG _____

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

**ENGINEERING SPECIFICATION: Zurn Z874-U-9-HD**

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 .009 and neutral 0% built in slope. Shall be provided with standard DC Ductile Iron Solid covers that lock down to frame. Zurn 12 [305] wide reveal Ductile Iron Cover conforming to ASTM specification A536-84, Grade 80-55-06. Ductile Iron cover is rated class E per the DIN EN1433 top load classifications. Supplied in 24 [608] nominal lengths and .81 [21] bearing depth. The .25 [6] thick Heavy-Duty Carbon Steel Frame Assembly conforms to ASTM specification A36 with 10 - 4 [102] long concrete anchors per 96 [2438]. Grate lockdown bars are to be integral to the frame The frame is supplied with a powder coated finish. All welds must be performed by a certified welder per ASTM standard AWS D1.1. Frames Shall be produced in the U.S.A.

PREFIX OPTIONS (Check/specify appropriate options)

___ Z 96 inch, High Density Polyethylene (HDPE) channel,
Heavy Duty 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 E*
___ -GC 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
___ -RSC Reinforced Stainless Steel Cover - Class A

Miscellaneous Options

___ -DB Bottom Drop in Bucket
___ -SSGL Stainless Steel Lockdown
___ -VP Vandal-Proof Lockdown

*REGULARLY FURNISHED UNLESS OTHERWISE SPECIFIED

REV. B

DATE: 06/28/13

C.N.NO. 129567

PROD./DWG. NO. Z874-U-9-HD

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