



Z874-U-4-HDG

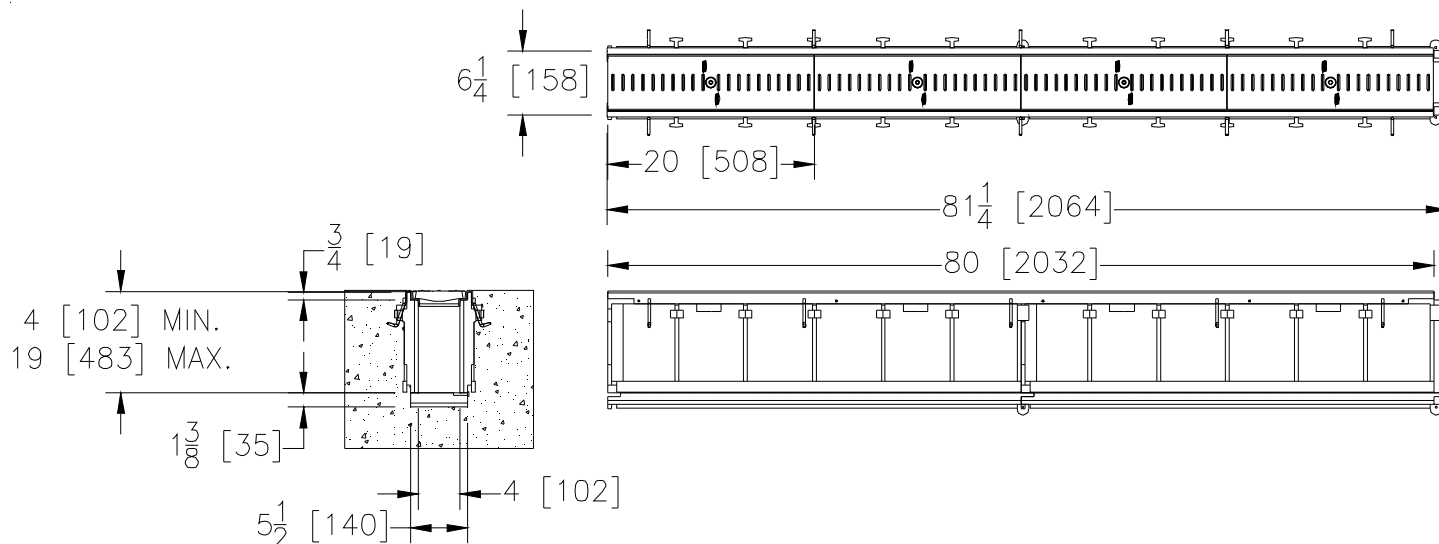
UTILITY TRENCH W/ HEAVY DUTY GALVANIZED STEEL FRAME 4" THROAT WIDTH & COVER

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-4-HDG Channels shall be 80 [2032] long, 6 .25 [159] wide reveal and have a 4 [102] 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 2.31 lbs. [1.05kg] per linear foot, smooth bottom with a Manning's coefficient of 0.009 and neutral 0% built in slope. Shall be provided with standard GCE Ductile Iron Solid covers that lock down to frame. Zurn 5.375 [137] wide reveal Galvanized 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 20 [508] nominal lengths and 0.75 [19] bearing depth. The 0.105 [2.66] thick Heavy-Duty Carbon Steel Galvanized Frame Assembly conforms to ASTM specification A36 and Galvanizing conforms to ASTM specification A123 with 10 - 4 [102] long concrete anchors per 80 [2032]. 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 U.S.A.

PREFIX OPTIONS (Check/specify appropriate options)

___ Z Six-foot, Eight-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.)
___ -U4 4 [102] No-Hub Bottom Outlet
___ -U6 6 [152] No-Hub Bottom Outlet

Grate Options (Load Classifications are per DIN EN1433)

___ -DCE Ductile Iron Solid Cover - Class E
___ -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
___ -RSC Reinforced Stainless Steel Cover - Class A

Miscellaneous Options

___ -DB Bottom Dome Strainer
___ -SSGL Stainless Steel Lockdown
___ -VP Vandal-Proof Lockdown

*REGULARLY FURNISHED UNLESS OTHERWISE SPECIFIED

Supplied By:

**TRENCHDRAIN
SUPPLY**

877-903-7246

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REV. DATE: 11/24/10 C.N.NO. 120521

DWG. NO. 303523 PRODUCT NO. Z874-U-4-HDG

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