



Z882

12 [305] WIDE REVEAL TRENCH DRAIN SYSTEM WITH STEEL FRAME

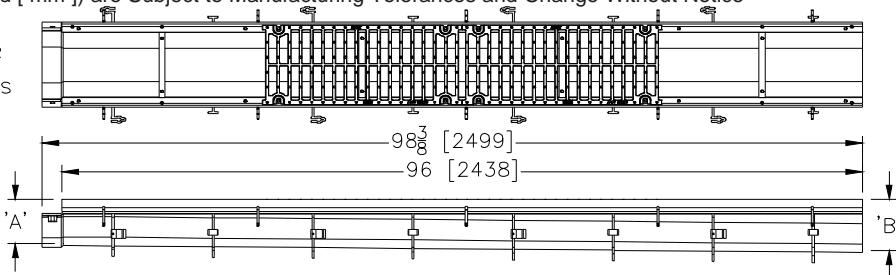
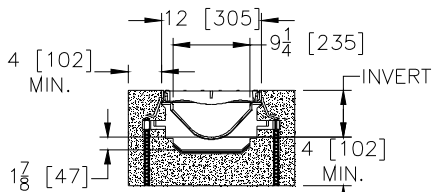


Supplied By: 877-903-7246 www.trenchdrainsupply.com

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



Note: + Actual Channel length is 98 3/8 [2499] to allow for overlap.

ENGINEERING SPECIFICATION: Zurn Z882

Channels shall be 96 [2438] long, 12 [305] wide reveal and have a 9-1/4 [235] throat. Modular channel sections will 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, have a smooth, 3 [76] radiused self cleaning bottom with a Manning's coefficient of 0.009 and 1.04% or neutral 0% built in slope. Channels shall have rebar clips standard to secure trench in its final location. Shall be provided with standard DGC grates that lock down to frame. Zurn 12 [305] wide reveal Ductile Iron Slotted Grate conforming to ASTM specification A536-84, Grade 80-55-06. Ductile Iron grate is rated class C per the DIN EN1433 top load classifications. Supplied in 24 [608] nominal lengths with 13/16 [21] wide slots, and 1-1/2 [38] bearing depth. Grate has an open area of 80.8 sq. in per ft. [171,027 sq. mm per meter]. The 1/4 [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 Eight-foot 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
___ -E4 4 [102] No-Hub End Outlet
___ -E6 6 [152] No-Hub End Outlet
___ -E8 8 [203] No-Hub End Outlet
___ -U4 4 [102] No-Hub Bottom Outlet
___ -U6 6 [152] No-Hub Bottom Outlet
___ -U8 8 [203] No-Hub Bottom Outlet

Grate Options (Load Classifications are per DIN EN1433)

- ___ -BDC Black Acid Resistant Epoxy Coated Ductile Grate - Class C
___ -BDE Black Acid Resistant Epoxy Coated Ductile Grate - Class E
___ -BDF Black Acid Resistant Epoxy Coated Ductile Grate - Class F
___ -DC Ductile Iron Solid Cover - Class C
___ -DGC Ductile Iron Slotted Grate - Class C *
___ -DGE Ductile Iron Slotted Grate - Class E
___ -DGF Ductile Iron Slotted Grate - Class F
___ -GDC Galvanized Ductile Slotted Grate - Class C
___ -GDE Galvanized Ductile Slotted Grate - Class E
___ -GDF Galvanized Ductile Slotted Grate - Class F
___ -GHPD Galvanized Heel-Proof Ductile Grate - Class B
___ -GHPDE Galvanized Heel-Proof Ductile Slotted Grate - Class E
___ -HPD Heel-Proof Ductile Slotted Grate - Class B
___ -HPDE Heel-Proof Ductile Slotted Grate - Class E
___ -RFGC Reinforced Slotted Galvanized Grate - Class C
___ -RPGC Reinforced Perforated Galvanized Grate - Class C
___ -RPGRC Reinforced Perforated Galvanized Reverse Punch Grate - Class C

Table with columns: Trench No., 'A' (Shallow Inv., Deep Inv.), 'B' (Shallow Inv., Deep Inv.), and Flow (cfs, gpm, lps). Rows include trench numbers 8201 through 8212.

- ___ -RFSC Reinforced Slotted Stainless Steel Grate - Class C
___ -RPSC Reinforced Perforated Stainless Steel Grate - Class C
___ -RPSRC Reinforced Perforated Stainless Steel Reverse Punch Grate - Class C

Miscellaneous Options

- ___ -CBF Black Acid Resistant Coated Top Frame
___ -JC Joint Connector
___ -SW Sidewall Extensions - 11 [279] High
___ -SW2 Double Sidewall Extensions - 22 [559] High
___ -VP Vandal-Proof Lockdown

MADE in the U.S.A.

- ___ -ADA-USA Meets Americans with Disabilities Act Requirements - Class C
___ -BG Galvanized Steel Bar Grate - Class D
___ -DGC-USA Ductile Iron Slotted Grate - Class C
___ -DGE-USA Ductile Iron Slotted Grate - Class E
___ -FG Fabricated Galvanized Steel Slotted Grate - Class A
___ -FS Fabricated Stainless Steel Slotted Grate - Class A
___ -GADA-USA Galvanized Ductile ADA Slotted Grate - Class C
___ -GDC-USA Galvanized Ductile Slotted Grate - Class C
___ -GDE-USA Galvanized Ductile Slotted Grate - Class E
___ -GHPDE-USA Galvanized Ductile Slotted Grate - Class E
___ -HPDE-USA Heel-Proof Ductile Slotted Grate - Class E
___ -GG Fiberglass Grate - Class A
___ -PG Perforated Galvanized Steel Grate - Class A
___ -PS Perforated Stainless Steel Grate - Class A
___ -RFG Reinforced Galvanized Slotted Grate - Class B
___ -RFS Reinforced Stainless Steel Slotted Grate - Class B
___ -RPG Reinforced Galvanized Perforated Grate - Class B
___ -RPS Reinforced Stainless Steel Perforated Grate - Class B
___ -SBG-L Stainless Steel Bar Grate - Class C

Miscellaneous Options

- ___ -DB Bottom Dome Strainer

* Regularly furnished unless otherwise specified.

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