

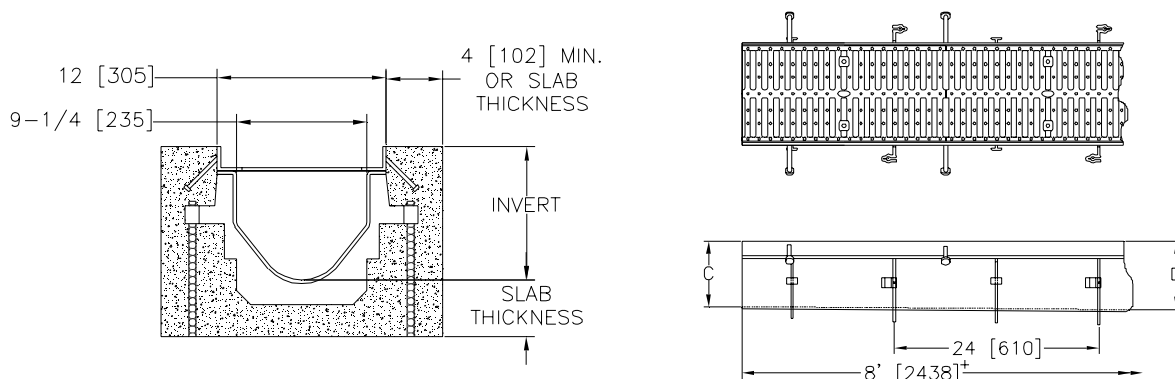
**Z882**

SPECIFICATION SHEET

12 [305] WIDE TRENCH DRAIN SYSTEM

TAG _____

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



ENGINEERING SPECIFICATION Zurn Z882 Channels shall be 8' [2438] long, 12 [305] wide and have a 9-1/4 [235] wide throat. Modular channel sections shall be made of HDPE, have interlocking ends, and a radiused bottom. Channel shall be provided with no slope (neutral) or with a 1.04% built-in-slope. Channels shall be available with inverts ranging from 6.25 [159] to 18.25 [464]. Channels shall have clips molded into the sides of the channel to accommodate vertical re-bar for positioning and anchoring purposes. Choices of class A, B, C, D, E, and F grates shall be available with H-20 and/or FAA load ratings and/or ADA compliance with mechanical lockdown devices. A heavy-duty steel frame shall be provided to distribute weight between the grates and the HDPE channel. End outlets, bottom outlets, and side outlets shall be available in 4 [102], 6 [152], and 8 [203] diameters.

OPTIONS (Check/specify appropriate options)**PREFIXES**

_____ **Z** 8 [2438] Structural Composite Channel, Heavy-Duty Frame with Anchor Studs, Cast Grate-Class C with lockdowns and anchor tabs.*

Note:

+ Actual channel length is 8' 2-1/2 [2502] to allow for overlap, with the exception of P.N. 1.

SUFFIXES

_____ **-BDC** Black Acid Resistant Coated Ductile Iron Grate - Class C
_____ **-BDF** Black Acid Resistant Coated Ductile Grate - Class F
_____ **-BG** Galvanized Steel Bar Grate
_____ **-CBF** Black Acid Resistant Coated Frame
_____ **-CWF** White Acid Resistant Coated Frame
_____ **-DB** Bottom Dome Strainer
_____ **-DC** Ductile Iron Solid Cover
_____ **-DGC** Ductile Iron Grate-Class C
_____ **-DGE** Ductile Slotted Grate-Class E
_____ **-DGF** Ductile Iron Grate-Class F
_____ **-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
_____ **-FG** Fabricated Galvanized Steel Slotted Grate
_____ **-FS** Fabricated Stainless Steel Slotted Grate
_____ **-GDC** Galvanized Ductile Slotted Grate - Class C
_____ **-GDE** Galvanized Ductile Slotted Grate - Class E
_____ **-GDF** Galvanized Ductile Slotted Grate - Class F
_____ **-GFA** Galvanized Frame Assembly
_____ **-GG** Fiberglass Grate
_____ **-GL** Grate Lockdown Assembly
_____ **-HPD** Heel Proof Ductile Iron Grate
_____ **-IA** Inlet Adaptor
_____ **-JC** Joint Connector
_____ **-PG** Perforated Galvanized Steel Grate
_____ **-PS** Perforated Stainless Steel Grate

Trench No.	Shallow Inv. (in)	Shallow Inv. (mm)	Deep Inv. (in)	Deep Inv. (mm)	Flow Rate (cfs)	Flow Rate (gpm)	Flow Rate (lps)
8201	6.25	159	7.25	184	1.241	557	35
8202	7.25	184	8.25	210	1.725	774	49
8203	8.25	210	9.25	235	2.226	999	63
8203N	9.25	235	9.25	235			
8204	9.25	235	10.25	260	2.745	1232	78
8205	10.25	260	11.25	286	3.271	1468	93
8206	11.25	286	12.25	311	3.808	1709	108
8206N	12.25	311	12.25	311			
8207	12.25	311	13.25	337	4.347	1951	123
8208	13.25	337	14.25	362	4.893	2196	139
8209	14.25	362	15.25	387	5.443	2443	155
8209N	15.25	387	15.25	387			
8210	15.25	387	16.25	413	5.996	2691	170
8211	16.25	413	17.25	438	6.551	2940	186
8212	17.25	438	18.25	464	7.106	3189	202

_____ **-RFG** Reinforced Galvanized Steel Slotted Grate
_____ **-RFS** Reinforced Stainless Steel Slotted Grate
_____ **-RPG** Reinforced Perforated Galvanized Steel Grate
_____ **-RPS** Reinforced Perforated Stainless Steel Grate
_____ **-SBG** Stainless Steel Bar Grate
_____ **-SF** Type 304 Stainless Steel Top Frame
_____ **-SSGL** Stainless Steel Grate Lockdown
_____ **-SW** Sidewall Extension (11 [279] High)
_____ **-U4** 4 [102] No-Hub Bottom Outlet
_____ **-U6** 6 [152] No-Hub Bottom Outlet
_____ **-U8** 8 [203] No-Hub Bottom Outlet
_____ **-VP** Vandal Proof Secured Grate/Cover

*REGULARLY FURNISHED UNLESS OTHERWISE SPECIFIED

REV. L DATE: 5/15/07 C.N. NO. 109414**DWG. NO. 62219 PRODUCT NO. Z882**

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