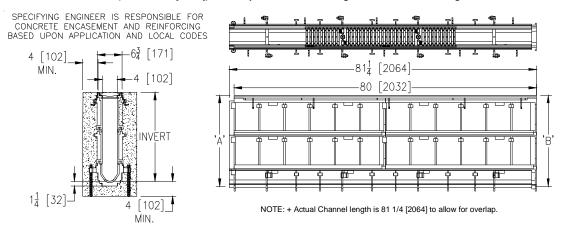


Z886-HDG-SW2 6-3/4 [171] WIDE REVEAL TRENCH DRAIN SYSTEM WITH GALVANIZED HEAVY-DUTY FRAME AND TWO 9 [229] SIDEWALL EXTENSIONS

SPECIFICATION SHEET

TAG

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



ENGINEERING SPECIFICATION: Zurn Z886-HDG-SW2

Channels shall be 80 [2032] long, 6-3/4 [171] wide reveal and have a 4 [102] 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, have a smooth, 1-1/2 [38] radiused self cleaning bottom with a Manning's coefficient of 0.009 and 0.75% or neutral 0% built in slope. Channels shall have rebar clips standard to secure trench in its final location. Channels shall have HDPE SW Side Walls attached for an additional 18 [457] added to the standard channel invert for additional flow capability shown in chart below. Shall be provided with standard GDC grates that lock down to frame. Zurn 6 [152] wide reveal Galvanized 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 20 [508] nominal lengths with 1/2 [13] wide slots, and 3/4 [19] bearing depth. Grate has an open area of 28.1 sq. in per ft. [60,308 sq. mm per meter]. The 0.105 [2.66] thick Heavy-Duty Carbon Steel Galvanized Frame Assembly 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) No. Shallow Inv. Deep Inv. (cfs) (gpm) (lps) 3UFFIX OPTIONS (Check/specify appropriate options) B601SW2 21:50 [546] 22:01 [561] 2	U.S.A.	Tr	rench	'A'	'B'		Flow	
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		ICATION DRAINAGE OPERATION	1801	Pittsburgh Av		2544		

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