



Z886-SW2

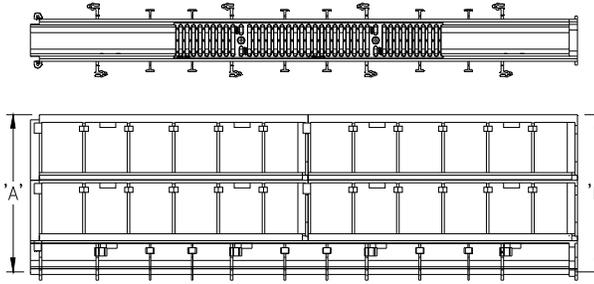
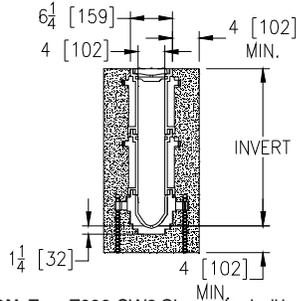
SPECIFICATION SHEET

6-1/4 [159] WIDE REVEAL TRENCH DRAIN SYSTEM WITH TWO 9 [229] SIDEWALL EXTENSIONS

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 81 1/4 [2064] to allow for overlap.

ENGINEERING SPECIFICATION: Zurn Z886-SW2 Channels shall be 80 [2032] long, 6-1/4 [159] 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 a minimum of 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] attached to the standard channel invert for additional flow capability shown in chart below. Shall be provided with standard DGC grates that lock down with lockdown bars to the channel and is not intended for dynamic traffic loadings. Zurn 5-3/8 [137] 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 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].

PREFIX OPTIONS (Check/specify appropriate options)

___ Z Six-foot, Eight-inch High Density Polyethylene (HDPE)*

SUFFIX OPTIONS (Check/specify appropriate options)

Outlet Adapters Add/Each

- ___ -E1 Closed End Cap
- ___ -E2 2 [51] No-Hub End Outlet
- ___ -E3 3 [76] No-Hub End Outlet
- ___ -E4 4 [102] No-Hub End Outlet
- ___ -E6 6 [152] No-Hub End Outlet
- ___ -U2 2 [51] No-Hub Bottom Outlet
- ___ -U3 3 [76] No-Hub Bottom Outlet
- ___ -U4 4 [102] No-Hub Bottom Outlet
- ___ -U6 6 [152] No-Hub Bottom Outlet

Frame Options

- ___ -AVB Aluminum Veneer Bronze Anodized Frame
- ___ -SVF Type 304 Stainless Steel Top Veneer Frame

Grate Options (Load Classifications are per DIN EN1433)

- ___ -BDC Black Acid Resistant Epoxy Coated Ductile Grate - Class C
- ___ -BG Galvanized Ductile Iron Bar Grate - Class C
- ___ -DBG Ductile Iron Cast Bar Grate - Class C
- ___ -DC Ductile Iron Solid Cover - Class C
- ___ -DGC Ductile Iron Slotted Grate - Class C *
- ___ -GDC Galvanized Ductile Slotted Grate - Class C
- ___ -GG Fiberglass Grate - Class A
- ___ -GHPD Galvanized Heel-Proof Ductile Grate - Class B
- ___ -HPD Heel-Proof Ductile Slotted Grate - Class B
- ___ -HPP Heel-Proof Polyethylene Grate - Class A
- ___ -RFG Reinforced Galvanized Steel 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
- ___ -RFGC Reinforced Slotted Galvanized Grate - Class C
- ___ -RFSC Reinforced Slotted Stainless Steel Grate - Class C
- ___ -RPGC Reinforced Perforated Galvanized Grate - Class C
- ___ -RPGRC Reinforced Perforated Galvanized Reverse Punch Grate - Class C
- ___ -RPSC Reinforced Perforated Stainless Steel Grate - Class C
- ___ -RPSRC Reinforced Perforated Stainless Steel Reverse Punch Grate - Class C

Miscellaneous Options

- ___ -VP Vandal-Proof Lockdown
- ___ -JC Joint Connector

Decorative Grate Options (Load Classifications are per DIN EN1433)

- ___ -BCD Bronze Circular Decorative Grate - Class A
- ___ -BDD Bronze Diagonal Decorative Grate - Class A
- ___ -DCD Ductile Iron Circular Decorative Grate - Class C
- ___ -DDD Ductile Iron Diagonal Decorative Grate - Class A
- ___ -DOG Ductile Iron Decorative Grate - Class A
- ___ -DWV Ductile Wave Decorative Grate - Class A
- ___ -GMG Galvanized Steel Mesh Grate - Class A
- ___ -HPB Heel-Proof Bronze Slotted Grate - Class A
- ___ -HPS Heel-Proof Stainless Steel Slotted Grate - Class A
- ___ -SCD Stainless Steel Circular Decorative Grate - Class B
- ___ -SDD Stainless Steel Diagonal Decorative Grate - Class B
- ___ -SMG Stainless Steel Mesh Grate - Class A
- ___ -SOG Stainless Steel Decorative Grate - Class B

Trench No.	'A' Shallow Inv.	'B' Deep Inv.	Flow		
			(cfs)	(gpm)	(lps)
8601SW2	21.50 [546]	22.10 [561]	2.33	1045	66
8602SW2	22.10 [561]	22.70 [577]	2.40	1078	68
8603SW2	22.70 [577]	23.30 [592]	2.47	1110	70
8603NSW2	23.30 [592]	23.30 [592]	-	-	-
8604SW2	23.30 [592]	23.90 [607]	2.55	1142	72
8605SW2	23.90 [607]	24.50 [622]	2.62	1175	74
8606SW2	24.50 [622]	25.10 [638]	2.69	1207	76
8606NSW2	25.10 [638]	25.10 [638]	-	-	-
8607SW2	25.10 [638]	25.70 [653]	2.76	1239	78
8608SW2	25.70 [653]	26.30 [668]	2.83	1272	80
8609SW2	26.30 [668]	26.90 [683]	2.91	1304	82
8610SW2	26.90 [683]	27.50 [699]	2.98	1336	84
8611SW2	27.50 [699]	28.10 [714]	3.05	1369	86
8612SW2	28.10 [714]	28.70 [729]	3.12	1401	88
8612NSW2	28.70 [729]	28.70 [729]	-	-	-
8613SW2	28.70 [729]	29.30 [744]	3.19	1433	90
8614SW2	29.30 [744]	29.90 [759]	3.27	1466	92
8615SW2	29.90 [759]	30.50 [775]	3.34	1498	94

MADE in the U.S.A. (Load Classifications are per DIN EN1433)

- ___ -AWG Aluminum Wire Grate - Class A
- ___ -DGC-USA Ductile Iron Slotted Grate-Class C (Substitute DGE-USA)
- ___ -FG Fabricated Galvanized Steel Slotted Grate - Class A
- ___ -FS Fabricated Stainless Steel Slotted Grate - Class A
- ___ -GDC-USA Galvanized Ductile Slotted Grate - Class C
- ___ -GG Fiberglass Grate - Class A
- ___ -PG Perforated Galvanized Steel Grate - Class A
- ___ -PPC Plastic Perforated Grate - Class C
- ___ -PS Perforated Stainless Steel Grate - Class A
- ___ -SBG-L Stainless Steel Bar Grate - Class B

USA Miscellaneous Options

- ___ -DB Bottom Dome Strainer

Decorative MADE in the U.S.A. (Load Classifications are per DIN EN1433)

- ___ -BZ Bronze Decorative Grate - Class A
- ___ -NBZ Nickel Bronze Decorative Grate - Class A
- ___ -PSR Perforated Stainless Steel Raised Grate - Class A
- ___ -SWG Stainless Steel Wire Grate - Class A

*REGULARLY FURNISHED UNLESS OTHERWISE SPECIFIED

REV. C DATE: 02/11/13 C.N. NO. 124327
DWG. NO. 301996 PRODUCT NO. Z886-SW2

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