



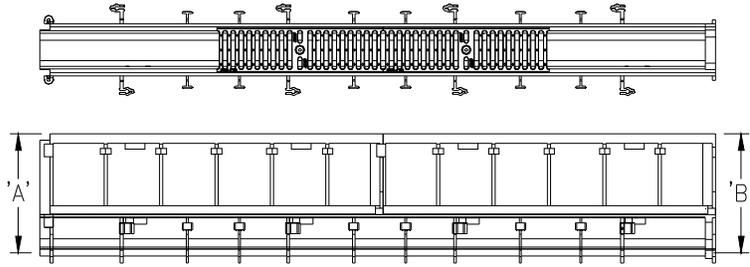
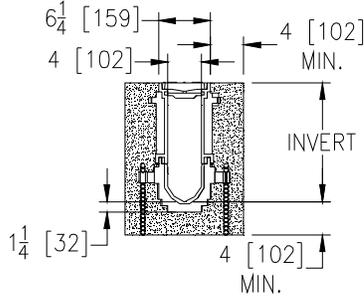
# Z886-SW

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

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-SW

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 9 [229] added 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 Steel Mesh Grate - Class A
- \_\_\_ SOG Stainless Steel Decorative Grate - Class B

Trench No.	'A' Shallow Inv.	'B' Deep Inv.	Flow		
			(cfs)	(gpm)	(lps)
8601SW	12.50 [318]	13.10 [333]	1.25	563	35
8602SW	13.10 [104]	13.70 [348]	1.32	595	38
8603SW	13.70 [119]	14.30 [135]	1.40	627	40
8603NSW	14.30 [135]	14.30 [135]	-	-	-
8604SW	14.30 [235]	14.90 [150]	1.47	659	42
8605SW	14.90 [150]	15.50 [165]	1.54	691	44
8606SW	15.50 [165]	16.10 [180]	1.61	723	46
8606NSW	16.10 [180]	16.10 [180]	-	-	-
8607SW	16.10 [180]	16.70 [196]	1.68	755	48
8608SW	16.70 [196]	17.30 [211]	1.75	788	50
8609SW	17.30 [211]	17.90 [226]	1.83	820	52
8610SW	17.90 [226]	18.50 [241]	1.90	852	54
8611SW	18.50 [241]	19.10 [257]	1.97	884	56
8612SW	19.10 [257]	19.70 [272]	2.04	916	58
8612NSW	19.70 [272]	19.70 [272]	-	-	-
8613SW	19.70 [272]	20.30 [287]	2.11	949	60
8614SW	20.30 [287]	20.90 [302]	2.19	981	62
8615SW	20.90 [302]	21.50 [318]	2.26	1013	64

#### 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
- \_\_\_ -PS Perforated Stainless Steel Grate - Class A
- \_\_\_ -SBG-L Stainless Steel Bar Grate - Class B

#### 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. 124328

DWG. NO. 301983 PRODUCT NO. Z886-SW

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