



Z886

Ti SALES

36 Hudson Rd
Sudbury MA 01776



800-225-4616
www.tisales.com

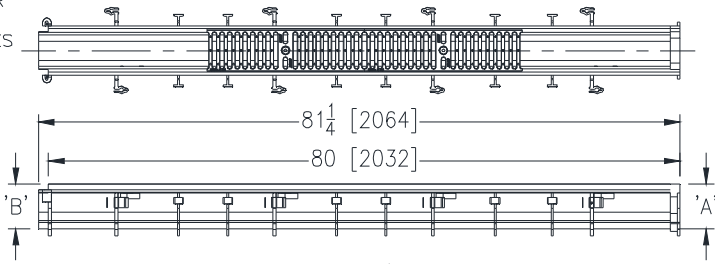
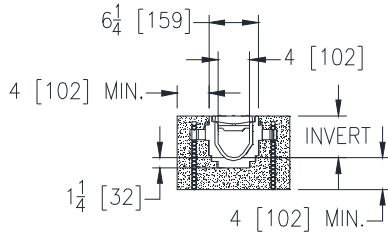
SPECIFICATION SHEET

6-1/4 [159] WIDE REVEAL TRENCH DRAIN SYSTEM

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 Channels are 80" [2032mm] long, 6-1/4" [159mm] wide reveal and have a 4" [102mm] throat. Modular channel sections are made of 0% water absorbent High Density Polyethylene (HDPE). Channels have a positive mechanical connection between channel sections that will not separate during the installation and mechanically lock into the concrete surround a minimum of every 10" [254mm]. Channels weigh less than 2.31 lbs. per linear foot [3.9 kg/m], have a smooth, 1-1/2" [38mm] radiused self cleaning bottom with a Manning's coefficient of .009 and .75% or neutral 0% built in slope. Channels have rebar clips standard to secure trench in its final location. Channels are 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" [137mm] 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" [508mm] nominal lengths with 1/2" [13mm] wide slots, and 3/4" [19mm] 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
- ___ SW Sidewall Extension - 9 [229] High
- ___ SW2 Sidewall Extension - 18 [457] High

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
- ___ LD Longitudinal Ductile ADA Grate - Class B
- ___ RFG Reinforced Galvanized Steel Slotted Grate - Class B
- ___ RPG Reinforced Galvanized 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
- ___ RPPGR Reinforced Perforated Galvanized Reverse Punch Grate - Class B
- ___ RPPGRC Reinforced Galvanized Perforated Reverse Punch Anti-Slip 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

Trench No.	Flow		Flow		
	'A' Shallow Inv.	'B' Deep Inv.	(cfs)	(gpm)	(lps)
8601	3.50 [89]	4.10 [104]	0.21	93	6
8602	4.10 [104]	4.70 [119]	0.27	122	8
8603	4.70 [119]	5.30 [135]	0.34	152	10
8603N	5.30 [135]	5.30 [135]	-	-	-
8604	5.30 [135]	5.90 [150]	0.41	183	12
8605	5.90 [150]	6.50 [165]	0.48	214	13
8606	6.50 [165]	7.10 [180]	0.55	245	15
8606N	7.10 [180]	7.10 [180]	-	-	-
8607	7.10 [180]	7.70 [196]	0.62	276	17
8608	7.70 [196]	8.30 [211]	0.69	308	19
8609	8.30 [211]	8.90 [226]	0.76	339	21
8610	8.90 [226]	9.50 [241]	0.83	371	23
8611	9.50 [241]	10.10 [257]	0.90	403	25
8612	10.10 [257]	10.70 [272]	0.97	435	27
8612N	10.70 [272]	10.70 [272]	-	-	-
8613	10.70 [272]	11.30 [287]	1.04	467	29
8614	11.30 [287]	11.90 [302]	1.11	498	31
8615	11.90 [302]	12.50 [318]	1.18	530	33

- ___ -SWG-A Stainless Steel Wire Grate - Class A
- ___ -SWG-B Slip Resistant Stainless Steel Wire Grate - Class B
- ___ -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
- ___ -DTW Ductile Iron Tidal Wave Grate - Class C
- ___ -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

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
- ___ -PG Perforated Galvanized Steel Grate - Class A
- ___ -PGR Galvanized Perforated Reverse Punch Anti-Slip ADA Grate - Class A
- ___ -PPC Plastic Perforated Grate - Class C
- ___ -PS Perforated Stainless Steel Grate - Class A
- ___ -SC Fabricated Stainless Steel Solid Cover - Class A

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
- ___ -STWG Stainless Transverse Wire Grate - Class A

* Regularly furnished unless otherwise specified.

Zurn Industries, LLC | Specification Drainage Operation
1801 Pittsburgh Avenue, Erie, PA U.S.A. 16502 · Ph. 855-663-9876, Fax 814-454-7929

In Canada | Zurn Industries Limited
7900 Goreway Drive, Unit 10, Brampton, Ontario L6T 5W6 · Ph. 877-892-5216

www.zurn.com

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