Z895-95

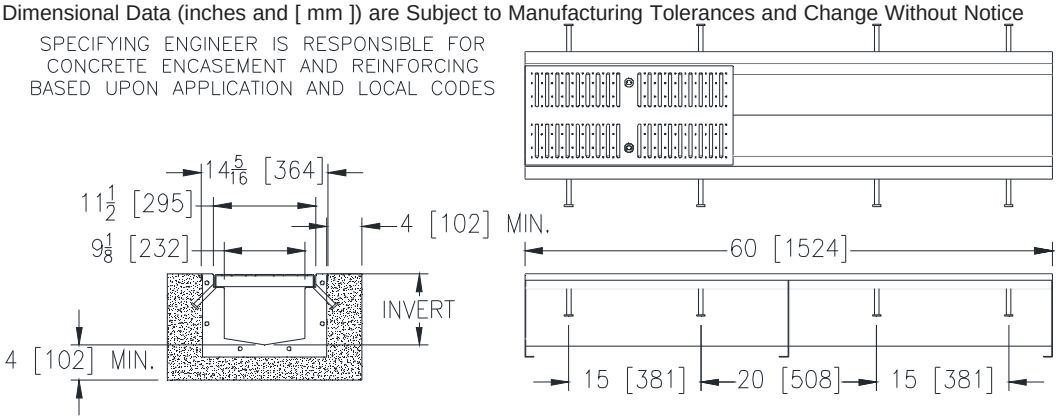
12 [305] WIDE REVEAL TRENCH DRAIN SYSTEM WITH 1/2 [12.7] CONCRETE ANCHORS

SPECIFICATION SHEET

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



ENGINEERING SPECIFICATION: Zurn Z895-95

Channels shall be 60" [1524mm] long, 12" [305mm] wide and have a 9-1/8" [232mm] throat. Modular channel sections shall be made of 12ga. fabricated Stainless Steel conforming to ASTM A-240 (type 304). Channels shall have a bolted, flanged connection between channel sections that will not separate during the installation, gaskets available. Channels shall weigh less than 4.15 lbs.[1.05kg] per linear foot, have a smooth, 1-1/2" [38mm] radiused self cleaning bottom with a Manning's coefficient of .009 and 1.04% or neutral 0% built in slope. Channels shall have feet for patty pour or leveling studs standard to secure trench in its final location and 1/2" [12mm] x 3-1/8" [79mm] Nelson studs for concrete anchoring. Shall be provided with standard FS grates that lock down to frame. Zurn 12" [178mm] wide reveal Fabricated Stainless Steel Grate conforming to ASTM specification A-240, (type 304), is rated class A per the DIN EN1433 top load classification. Supplied in 24" [610mm] nominal lengths with 5/16" [8mm] wide slots, and 1-1/4" [32mm] bearing depth. Grate has an open area of 25.61 sq. in per ft. [54,209 sq. mm per meter]. All welds must be performed by a certified welder per ASTM standard AWS D1.6. Channels shall be produced in the U.S.A.

PREFIX OPTIONS (Check/specify appropriate options)

☐ Z Five-foot, Type 304 Stainless Steel*

SUFFIX OPTIONS (Check/specify appropriate options)

Outlet Adapters Add/Each

☐ -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
☐ -U4 4 [102] No-Hub Bottom Outlet
☐ -U6 6 [152] No-Hub Bottom Outlet
☐ -U8 8 [203] No-Hub Bottom Outlet

Grade Options (Load Classifications are per DIN EN1433)

☐ -BDC Black Acid Resistant Epoxy Coated Ductile Grate - Class C
☐ -BDE Black Acid Resistant Epoxy Coated Ductile Grate - Class E
☐ -BDF Black Acid Resistant Ductile Grate - Class F
☐ -DC Ductile Iron Solid Cover - Class C
☐ -DGC Ductile Iron Slotted Grate - Class C
☐ -DGE Ductile Iron Slotted Grate - Class E
☐ -DGF Ductile Iron Slotted Grate - Class F
☐ -HPD Heel-Proof Ductile Slotted Grate - Class C
☐ -HPDE Heel-Proof Ductile Slotted Grate - Class E
☐ -RFSC Reinforced Slotted Stainless Steel Grate - Class C
☐ -RPSC Reinforced Perforated Stainless Steel Grate - Class C
☐ -RPSRC Reinforced Perforated Stainless Steel Reversed Punch Grate - Class C

Miscellaneous Options

☐ -VP Vandal-Proof Lockdown

MADE in the U.S.A.

☐ -ADA-USA Meets Americans with Disabilities Act Requirements - Class C
☐ -DGC-USA Ductile Iron Slotted Grate - Class C
☐ -DGE-USA Ductile Iron Slotted Grate - Class E
☐ -FS Fabricated Stainless Steel Slotted Grate - Class A*
☐ -GG Fiberglass Grate - Class A
☐ -HPDE-USA Heel-Proof Ductile Slotted Grate - Class E
☐ -PS Perforated Stainless Steel Grate - Class A
☐ -RFS Reinforced Stainless Steel Slotted Grate - Class B
☐ -RPS Reinforced Stainless Steel Perforated Grate - Class B
☐ -SBG-L Stainless Steel Bar Grate - Class C

Miscellaneous Options

☐ -DB Bottom Dome Strainer
☐ -K Anchor Flange
☐ -KC Clamp Collar and Pan

* Regularly furnished unless otherwise specified.

Dimensions in Inch [mm]

Trench No.	'A' Shallow Inv.	'B' Deep Inv.	Flow (cfs)	(gpm)	(lps)
89501	6.00 [152]	6.63 [168]	1.221	548	35
89502	6.63 [168]	7.25 [184]	1.453	652	41
89502N	7.25 [184]	7.25 [184]	-	-	-
89503	7.25 [184]	7.88 [200]	1.691	759	48
89504	7.88 [200]	8.50 [216]	1.934	868	55
89504N	8.50 [216]	8.50 [216]	-	-	-
89505	8.50 [216]	9.13 [232]	2.179	978	62
89506	9.13 [232]	9.75 [248]	2.429	1090	69
89506N	9.75 [248]	9.75 [248]	-	-	-
89507	9.75 [248]	10.38 [264]	2.680	1203	76
89508	10.38 [264]	11.00 [279]	2.932	1316	83
89508N	11.00 [279]	11.00 [279]	-	-	-
89509	11.00 [279]	11.63 [295]	3.189	1431	91
89510	11.63 [295]	12.25 [311]	3.445	1546	98
89510N	12.25 [311]	12.25 [311]	-	-	-
89511	12.25 [311]	12.88 [327]	3.703	1662	105
89512	12.88 [327]	13.50 [343]	3.964	1779	113
89512N	13.50 [343]	13.50 [343]	-	-	-
89513	13.50 [343]	14.13 [359]	4.225	1896	120
89514	14.13 [359]	14.75 [375]	4.485	2013	127
89514N	14.75 [375]	14.75 [375]	-	-	-
89515	14.75 [375]	15.38 [391]	4.748	2131	135
89516	15.38 [391]	16.00 [406]	5.011	2249	142
89516N	16.00 [406]	16.00 [406]	-	-	-
89517	16.00 [406]	16.63 [422]	5.276	2368	150
89518	16.63 [422]	17.25 [438]	5.541	2487	157
89518N	17.25 [438]	17.25 [438]	-	-	-
89519	17.25 [438]	17.88 [454]	5.807	2606	165
89520	17.88 [454]	18.50 [470]	6.132	2752	174

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