



# Z890-88

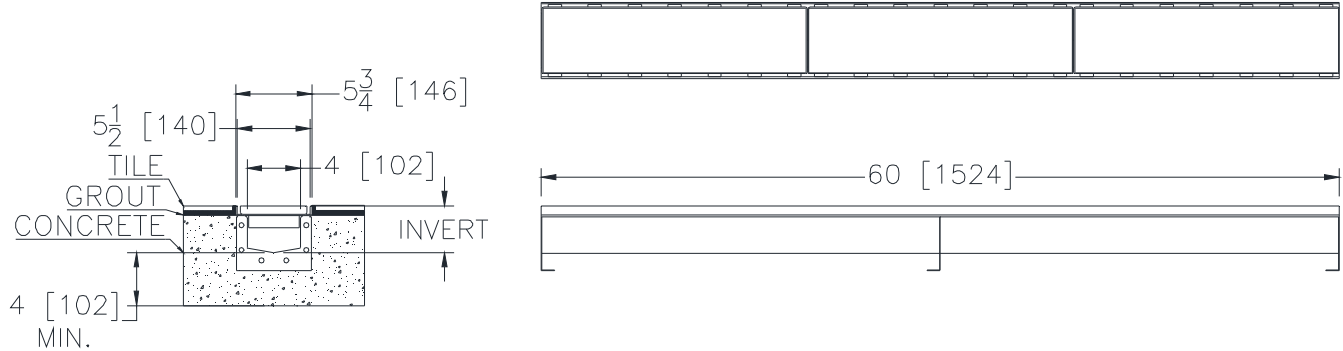
## 5-3/4" [146] WIDE REVEAL TRENCH DRAIN SYSTEM WITH TILE IN-LAY GRATE

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 Z890-88

Channels are 60" [1524mm] long, 5-3/4" [146mm] wide and have a 4" [102mm] throat. Modular channel sections are made of 16 ga. fabricated Stainless Steel conforming to ASTM A-240 (type 304). Channels have a bolted, flanged connection between channel sections that will not separate during the installation, gaskets available. Channels weigh less than 2.31 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 have feet for patty pour or leveling studs standard to secure trench in its final location. Channels are provided with loose set grates. Zurn tile inlay, grates are fabricated out of Stainless Steel conforming to ASTM specification A-240, (type 304), is rated class A per the DIN EN1433 top load classification. Supplied in 20" [508mm] nominal lengths with 1/4" [6mm] wide perimeter slot, and 3/4" [19mm] bearing depth. Grate has an open area of 6.00 sq. in per ft. [127 sq. cm 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
- \_\_\_ -E2 2 [51] No-Hub End Outlet
- \_\_\_ -E3 3 [76] No-Hub End Outlet
- \_\_\_ -E4 4 [102] 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

#### Miscellaneous Options

- \_\_\_ -DB Drop-In Bucket Strainer
- \_\_\_ -K Anchor Flange
- \_\_\_ -KC Clamp Collar and Pan
- \_\_\_ -VP Vandal-Proof Lockdown

Trench No.	'A' Shallow Inv.	'B' Deep Inv.	Flow		
			(cfs)	(gpm)	(lps)
89001	3.50 [89]	4.13 [105]	0.216	97	6
89002	4.13 [105]	4.75 [121]	0.276	122	8
89002N	4.75 [121]	4.75 [121]	-	-	-
89003	4.75 [121]	5.38 [137]	0.336	151	10
89004	5.38 [137]	6.00 [152]	0.399	179	11
89004N	6.00 [152]	6.00 [152]	-	-	-
89005	6.00 [152]	6.63 [168]	0.461	207	13
89006	6.63 [168]	7.25 [184]	0.524	235	15
89006N	7.25 [184]	7.25 [184]	-	-	-
89007	7.25 [184]	7.88 [200]	0.586	263	17
89008	7.88 [200]	8.50 [216]	0.651	292	18
89008N	8.50 [216]	8.50 [216]	-	-	-
89009	8.50 [216]	9.13 [232]	0.715	321	20
89010	9.13 [232]	9.75 [248]	0.778	349	22
89010N	9.75 [248]	9.75 [248]	-	-	-
89011	9.75 [248]	10.38 [264]	0.842	378	24
89012	10.38 [264]	11.00 [279]	0.907	407	26
89012N	11.00 [279]	11.00 [279]	-	-	-
89013	11.00 [279]	11.63 [295]	0.971	436	28
89014	11.63 [295]	12.25 [311]	1.036	465	29
89014N	12.25 [311]	12.25 [311]	-	-	-
89015	12.25 [311]	12.88 [327]	1.101	494	31
89016	12.88 [327]	13.50 [343]	1.165	523	33
89016N	13.50 [343]	13.50 [343]	-	-	-
89017	13.50 [343]	14.13 [359]	1.230	552	35
89018	14.13 [359]	14.75 [375]	1.295	581	37
89018N	14.75 [375]	14.75 [375]	-	-	-
89019	14.75 [375]	15.38 [391]	1.359	610	39
89020	15.38 [391]	16.00 [406]	1.424	639	40

\* Regularly furnished unless otherwise specified.