

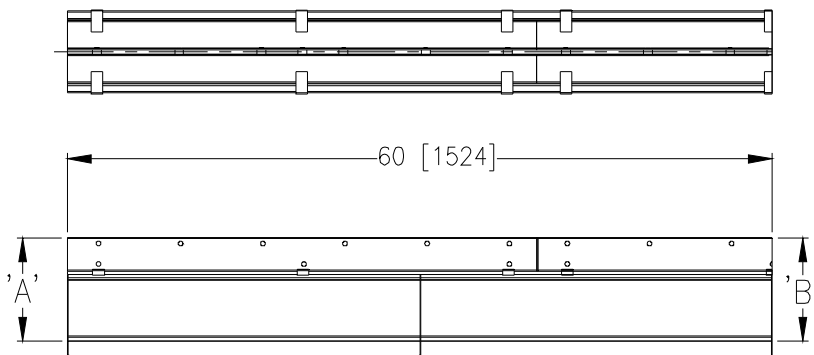
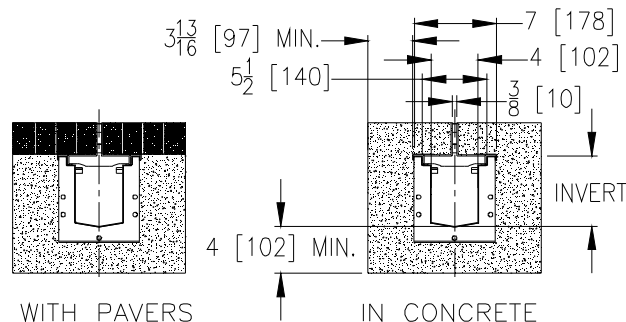


# Z890-PVSS

## 3/8 [10] WIDE REVEAL TRENCH DRAIN SYSTEM WITH PAVER SLOT GRATE

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-PVSS

Channels are 60 [1524] long, 7 [178] wide and have a 4 [102] 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 [38] 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 PVSS non-removable grates. Zurn 3/8 [10] wide reveal and 2-3/4 [70] tall fabricated Steel Paver Slot grate with Ductile iron reinforcing conforming to ASTM specification A536-84, Grade 80-55-06. Grate is rated class B per the DIN EN1433 top load classification. Supplied in 40 [1016] nominal lengths with 3/4 [19] bearing depth. Grate has an open area of 6.0 sq. in per ft. [12,700 sq. mm per meter].

### 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

Trench No.	'A' Shallow Inv.	'B' Deep Inv.	Flow		
			(cfs)	(gpm)	(lps)
89001	6.25 [159]	6.88 [175]	0.216	97	6
89002	6.88 [175]	7.50 [191]	0.276	122	8
89002N	7.5 [191]	7.50 [191]	-	-	-
89003	7.50 [191]	8.13 [207]	0.336	151	10
89004	8.13 [207]	8.75 [222]	0.399	179	11
89004N	8.75 [222]	8.75 [222]	-	-	-
89005	8.75 [222]	9.38 [238]	0.461	207	13
89006	9.38 [238]	10.00 [254]	0.524	235	15
89006N	10.00 [254]	10.00 [254]	-	-	-
89007	10.00 [254]	10.63 [270]	0.586	263	17
89008	10.63 [270]	11.25 [286]	0.651	292	18
89008N	11.25 [286]	11.25 [286]	-	-	-
89009	11.25 [286]	11.88 [302]	0.715	321	20
89010	11.88 [302]	12.50 [318]	0.778	349	22
89010N	12.50 [318]	12.50 [318]	-	-	-
89011	12.50 [318]	13.13 [334]	0.842	378	24
89012	13.13 [334]	13.75 [349]	0.907	407	26
89012N	13.75 [349]	13.75 [349]	-	-	-
89013	13.75 [349]	14.38 [365]	0.971	436	28
89014	14.38 [365]	15.00 [381]	1.036	465	29
89014N	15.00 [381]	15.00 [381]	-	-	-
89015	15.00 [381]	15.63 [397]	1.101	494	31
89016	15.63 [397]	16.25 [413]	1.165	523	33
89016N	16.25 [413]	16.25 [413]	-	-	-
89017	16.25 [413]	16.88 [429]	1.230	552	35
89018	16.88 [429]	17.50 [445]	1.295	581	37
89018N	17.50 [445]	17.50 [445]	-	-	-
89019	17.50 [445]	18.13 [461]	1.359	610	39
89020	18.13 [461]	18.75 [476]	1.424	639	40

\* Regularly furnished unless otherwise specified.