



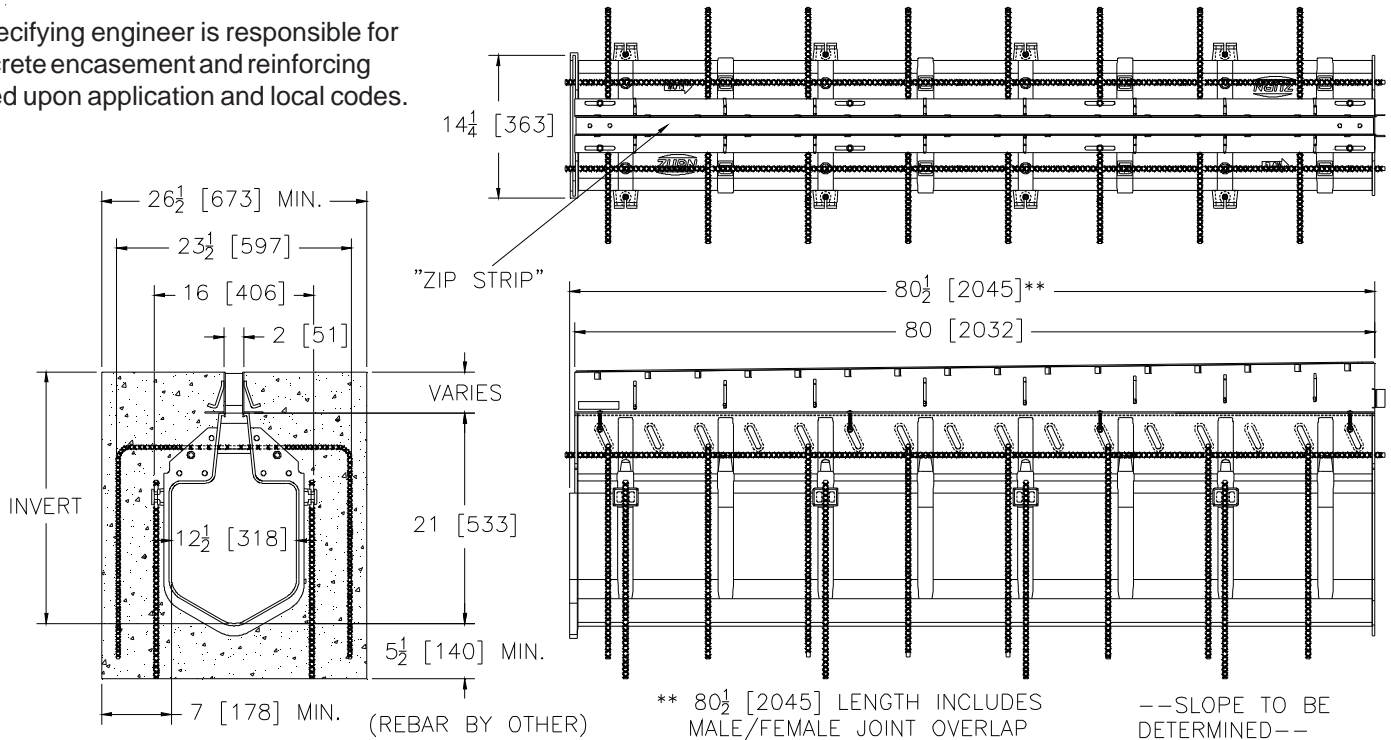
Z888-18-DYN-PSF
 HI-CAP SLOTTED DRAINAGE SYSTEM FOR
 DYNAMIC LOADING APPLICATION WITH PRE-SLOPED FRAME
 FOR 18 [457] CORRUGATED PIPE OR EQUIVALENT

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 Z888-18-DYN-PSF Slotted Drain channel is 80 [2032] long and 12.5 [318] wide with a 1.75 [44] throat width, made from LLDPE linear Low Density Polyethylene. Channels have a mechanical tongue and groove and bolted connection, mechanically lock into the concrete surround every 5 [127] along its length, channels weigh 7.5 lbs. per foot [11.2 kg per meter]. Channel has a smooth 2.5 [64] radiused bottom with a smooth .011 Manning's coefficient, and neutral non-sloping body. Top reveal is non removable and is the finish at the surface. System is anchored into the concrete with Rebar clips or physical anchors every 5 [127] to 10 [254] along the channel body. Integral Rebar Clips are standard. PSF Frame rails shall be fabricated steel conforming to ASTM 36/A36M-93a, shall have concrete anchors 0.25 [6] diameter x 3 [76] in length on 12 [305] centers to form a mechanical lock to the encasement, shall have a slope built in. Slope will be with a beginning height minimum of 2 [51], and a maximum ending height of 20 [508], overall invert range from 16.25 [413] to 34.25 [870], shall be e-coated and meet ASTM B-117 3000 hr salt spray test, and shall be fabricated by certified welder per ASTM AWS D1.1. Minimum 4000 psi concrete encasement shall include "n" shaped #4 0.5 [13] rebar through the system neck every 10 [254], and longitudinal #4 0.5 [13] rebar along chairs on either side of the trench neck. System is capable of Supporting Class E Loading per DIN EN1433 top load classifications.

PREFIX OPTIONS

_____ Z 80 [2032] linear low density polyethylene modular drain channel with integral top frame.*

SUFFIX OPTIONS

- _____ -E1 End Cap
- _____ -E8 8 [203] No Hub End Outlet
- _____ -E12 12 [305] No Hub End Outlet
- _____ -E18 18 [457] No Hub End Outlet
- _____ -E24 24 [610] No Hub End Outlet
- _____ -T12/18 Transition from -12 to -18 [305-457]
- _____ -T18/12 Transition from -18 to -12 [457-305]

REV. A	DATE: 10/04/10	C.N.NO. 111774
DWG. NO. 302151 PRODUCT NO. Z888-18-DYN-PSF		

*Regularly Furnished Unless Otherwise Specified