



Z888-18-PSF

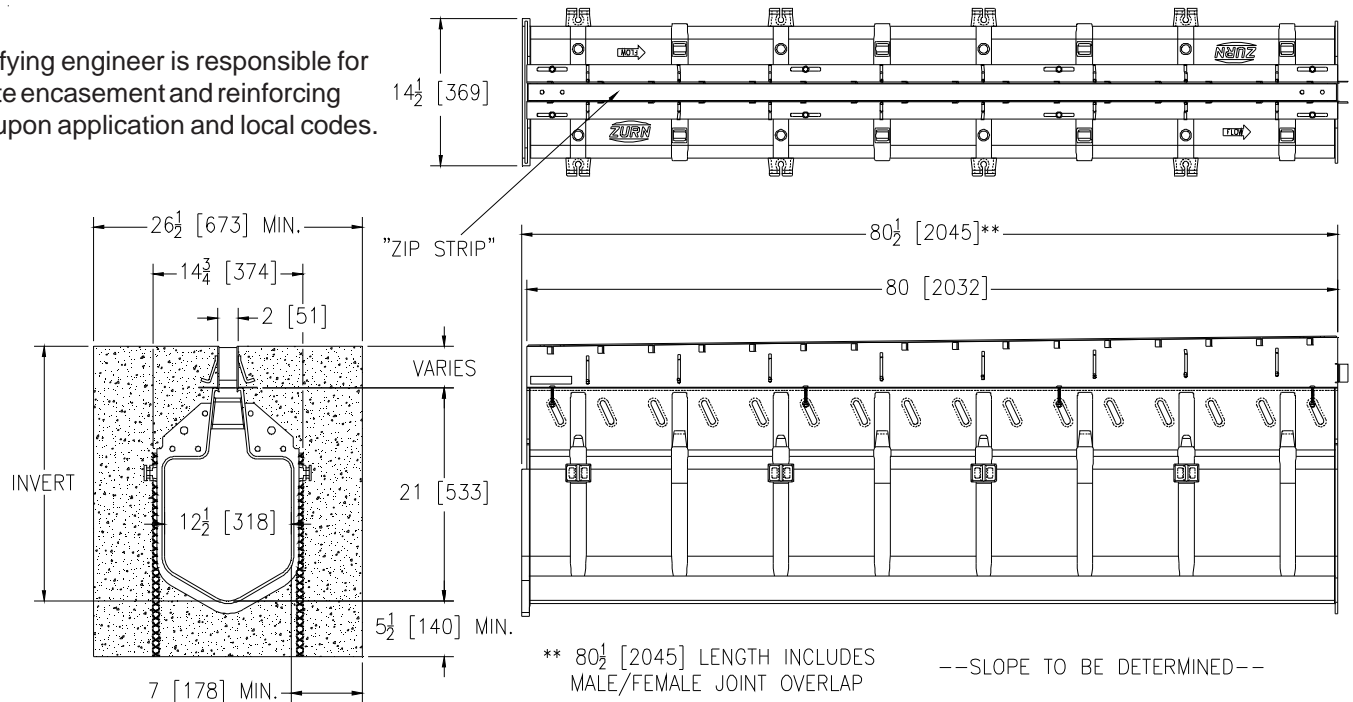
SPECIFICATION SHEET

HI-CAP SLOTTED DRAINAGE SYSTEM WITH PRE-SLOPED FRAME FOR 18 [457] CORRUGATED PIPE OR EQUIVALENT

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-PSF

Slotted Drain channel is 80 [2032] long, 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 .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 23 [584] to 41 [1041], 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 2000 psi concrete encasement shall include longitudinal #4 0.5 [13] rebar along chairs on either side of the trench neck. System is capable of Supporting H-20/H-25 top load classifications and has Class C loading per DIN EN 1433 top load classification.

OPTIONS (Check/specify appropriate options)

PREFIXES

___ Z 80 [2032] Linear Low Density Polyethylene Modular Drain Channel with Integral Top Frame.*

SUFFIXES

- ___ -DYN Dynamic Loading Application
- ___ -E1 End Cap
- ___ -E8 8 [203] No Hub End Outlet
- ___ -E12 12 [304] No Hub End Outlet
- ___ -E18 18 [457] No Hub End Outlet
- ___ -E24 24 [609] No Hub End Outlet
- ___ -T12/18 Transition from -12 to -18 [304-457]
- ___ -T18/12 Transition from -18 to -12 [457-304]

*Regularly Furnished Unless Otherwise Specified

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