



Z817-6-HDS

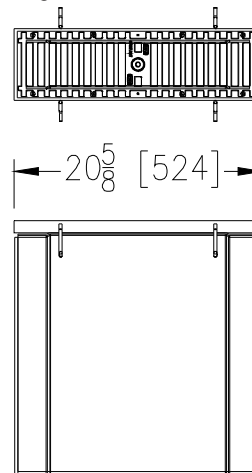
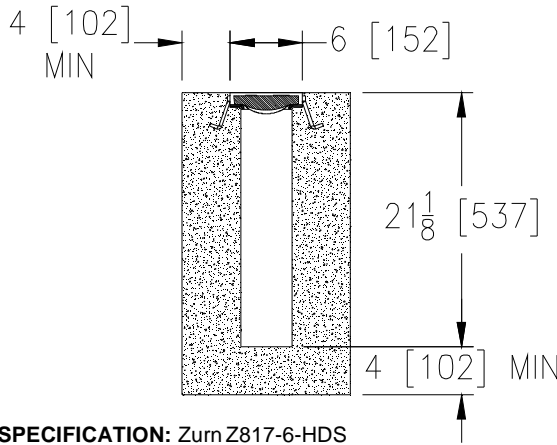
SPECIFICATION SHEET

6 [159] x 20 [508] WIDE REVEAL FIBER REINFORCED POLYMER CATCH BASIN W/ STAINLESS STEEL FRAME

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 Z817-6-HDS

Catch Basin shall be 6 [152] long, 20 [508] wide reveal and 20 [508] deep. The body shall be made of 0% water absorbent Fiber Reinforced Polyester (FRP) fiberglass. Shall mechanically lock into the concrete surround a minimum of every 10 [254]. Catch basin shall weigh less than 11 bs.[5kg] per linear foot. Catch basin shall have rebar clips standard to secure basin in its final location. Shall be provided with standard SBG grates that lock down with lockdown bars to the basin. Zurn 6 [152] wide reveal Stainless Steel cast Bar Grate conforming to ASTM specification A351, Grade CF8 (type 304), cast grate is rated class E per the DIN EN1433 top load classification. Supplied in 20 [508] nominal lengths with 5/16 [8] wide slots, and 3/4 [19] bearing depth. Grate has an open area of 28.75 sq. in per ft. [60,860 sq. mm per meter]. The .105 [2.66] thick Heavy-Duty Stainless Steel Frame Assembly conforms to ASTM specification A-240 (type 304) with 4 - 4 [102] long concrete anchors per basin. All welds must be performed by a certified welder per ASTM standard AWS D1.6. Frames Shall be produced in the U.S.A.

PREFIX OPTIONS (Check/specify appropriate options)

- ___ Z 6 inch by 20 inch Fiber Reinforced Polymer (FRP)*
- ___ ZV 6 inch by 20 inch Fiber Reinforced Vinylster

SUFFIX OPTIONS (Check/specify appropriate options)

Outlet Adapters Add/Each

- ___ -E4 4 [102] No-Hub End Outlet
- ___ -E6 6 [152] No-Hub End Outlet
- ___ -E8 8 [204] No-Hub End Outlet
- ___ -U4 4 [102] No-Hub Bottom Outlet
- ___ -U6 6 [152] No-Hub Bottom Outlet
- ___ -U8 8 [204] No-Hub Bottom Outlet

Grate 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
- ___ -DC Ductile Iron Solid Cover - Class C
- ___ -DGC Ductile Iron Slotted Grate - Class C
- ___ -DGE Ductile Iron Slotted Grate - Class E
- ___ -HPD Heel-Proof Ductile Slotted Grate - Class B
- ___ -HPDE Heel-Proof Ductile Slotted Grate - Class E
- ___ -HPP Heel-Proof Polyethylene Grate - Class A
- ___ -LD Ductile Iron Longitudinal Slotted Grate - Class B
- ___ -RFS Reinforced Stainless Steel Slotted Grate - Class B
- ___ -RPS Reinforced Stainless Steel Perforated Grate - Class B
- ___ -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

- ___ -FT Foul Air Trap
- ___ -IA Inlet Adapter
- ___ -VP Vandal-Proof Lockdown

Decorative Grate Options (Load Classifications are per DIN EN1433)

- ___ -BCD Bronze Circular Decorative Grate - Class A
- ___ -BDD Bronze Diagonal Decorative Grate - Class A
- ___ -DCD Ductile Iron Circular Decorative Grate - Class C
- ___ -DDD Ductile Iron Diagonal Decorative Grate - Class A
- ___ -DOG Ductile Iron Decorative Grate - Class A
- ___ -DWV Ductile Wave Decorative Grate - Class A
- ___ -HPB Heel-Proof Bronze Slotted Grate - Class A
- ___ -HPS Heel-Proof Stainless Steel Slotted Grate - Class A
- ___ -SBG Stainless Steel Bar Grate - Class E *
- ___ -SCD Stainless Steel Circular Decorative Grate - Class B
- ___ -SDD Stainless Steel Diagonal Decorative Grate - Class B
- ___ -SOG Stainless Steel Decorative Grate - Class B

MADE in the U.S.A. (Load Classifications are per DIN EN1433)

- ___ -AWG Aluminum Wire Grate - Class A
- ___ -BDE-USA Black Acid Resistant Epoxy Coated Ductile Grate - Class E
- ___ -DGC-USA Ductile Iron Slotted Grate - Class C
- ___ -DGE-USA Ductile Iron Slotted Grate - Class E
- ___ -HPDE-USA Heel-Proof Ductile Slotted Grate - Class E
- ___ -FS Fabricated Stainless Steel Slotted Grate - Class A
- ___ -PS Perforated Stainless Steel Grate - Class A
- ___ -PPC Plastic Perforated Grate - Class C

Decorative MADE in the U.S.A. (Load Classifications are per DIN EN1433)

- ___ -BZ Bronze Decorative Grate - Class A
- ___ -NBZ Nickel Bronze Decorative Grate - Class A
- ___ -PSR Perforated Stainless Steel Raised Grate - Class A
- ___ -SWG Stainless Steel Wire Grate - Class A

*REGULARLY FURNISHED UNLESS OTHERWISE SPECIFIED

REV. C DATE: 05/09/12 C.N. NO. 124309

PROD./DWG. NO. Z817-6-HDS

ZURN INDUSTRIES, LLC ♦ SPECIFICATION DRAINAGE OPERATION ♦ 1801 Pittsburgh Ave. ♦ Erie, PA 16514

Phone: 814455-0921 ♦ Fax: 814454-7929 ♦ World Wide Web: www.zurn.com

In Canada: ZURN INDUSTRIES LIMITED ♦ 3544 Nashua Drive ♦ Mississauga, Ontario L4V1L2 ♦ Phone: 905405-8272 Fax: 905405-1292