



Z706-HDG

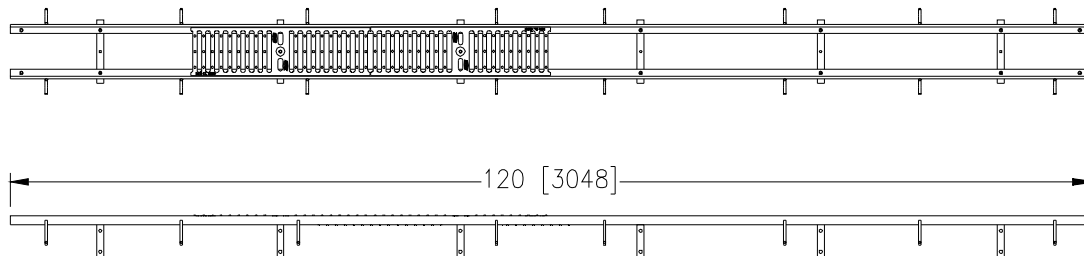
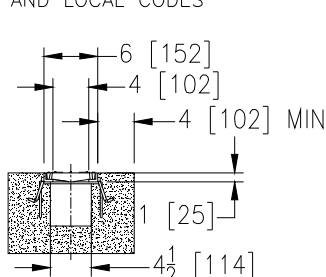
SPECIFICATION SHEET

6 [159] WIDE REVEAL FRAME AND GRATE SYSTEM WITH GALVANIZED 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 Z706-HDG

Frame and Grate System shall be 120 [3048] long, 6 [152] wide and have a 4 [102] clear opening. Frame shall mechanically lock into the concrete surround every 10 [254]. Shall be provided with standard GDC grates that lock down to frame. Zurn 6 [152] wide reveal Galvanized Ductile Iron Slotted Grate conforming to ASTM specification A536-84, Grade 80-55-06. Ductile Iron grate is rated class C per the DIN EN1433 top load classifications. Supplied in 20 [508] nominal lengths with 1/2 [13] wide slots, and 3/4 [19] bearing depth. Grate has an open area of 28.1 sq. in per ft. [59,463 sq. mm per meter]. The .105 [2.66] thick Heavy-Duty Carbon Steel Galvanized Frame Assembly conforms to ASTM specification A36 and Galvanizing conforms to ASTM specification A123 with 12 - 4 [102] long concrete anchors per 120 [3048]. Grate lockdown bars are to be integral to the frame. All welds must be performed by a certified welder per ASTM standard AWS D1.1. Frames Shall be produced in the U.S.A.

PREFIX OPTIONS (Check/specify appropriate options)

___ Z Ten-foot, Galvanized Heavy Duty Frame Assembly with Anchor Studs*

SUFFIX OPTIONS (Check/specify appropriate options)

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
- ___ -GDC Galvanized Ductile Slotted Grate - Class C *
- ___ -GDE Galvanized Ductile Slotted Grate - Class E
- ___ -GHPD Galvanized Heel-Proof Ductile Grate - Class B
- ___ -GHPDE Galvanized Heel-Proof Ductile 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
- ___ -RFG Reinforced Galvanized Steel Slotted Grate - Class B
- ___ -RPG Reinforced Galvanized Perforated Grate - Class B
- ___ -RFGC Reinforced Slotted Galvanized Grate - Class C
- ___ -RPGC Reinforced Perforated Galvanized Grate - Class C
- ___ -RPGRC Reinforced Perforated Galvanized Reverse Punch Grate - Class C

Miscellaneous Options

- ___ -VP Vandal-Proof Lockdown
- ___ -RC Rebar Clip

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

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

- ___ -AWG Aluminum Wire Grate - Class A
- ___ -BDE 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
- ___ -FG Fabricated Galvanized Steel Slotted Grate - Class A
- ___ -GDC-USA Galvanized Ductile Slotted Grate - Class C
- ___ -GDE-USA Galvanized Ductile Slotted Grate - Class E
- ___ -GG Fiberglass Grate - Class A
- ___ -GHPDE-USA Galvanized Heel-Proof Ductile Grate - Class E
- ___ -HPDE-USA Heel-Proof Ductile Slotted Grate - Class E
- ___ -PPC Plastic Perforated Grate - Class A
- ___ -PG Perforated Galvanized Steel Grate - Class A

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

REV. D DATE: 05/14/12 C.N. NO. 124321

PROD./DWG. NO. Z706-HDG

*REGULARLY FURNISHED UNLESS OTHERWISE SPECIFIED

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

Phone: 814/455-0921 ♦ Fax: 814/454-7929 ♦ World Wide Web: www.zurn.com

In Canada: ZURN INDUSTRIES LIMITED ♦ 3544 Nashua Drive ♦ Mississauga, Ontario L4V1L2 ♦ Phone: 905/405-8272 Fax: 905/405-1292