

DRAWING NUMBER
9836-080

SIZE
A

SCALE:
NONE

DATE:
8/11/06

APPROVED BY:
MD

CHECKED BY:
MD

DRAWN BY:
RN

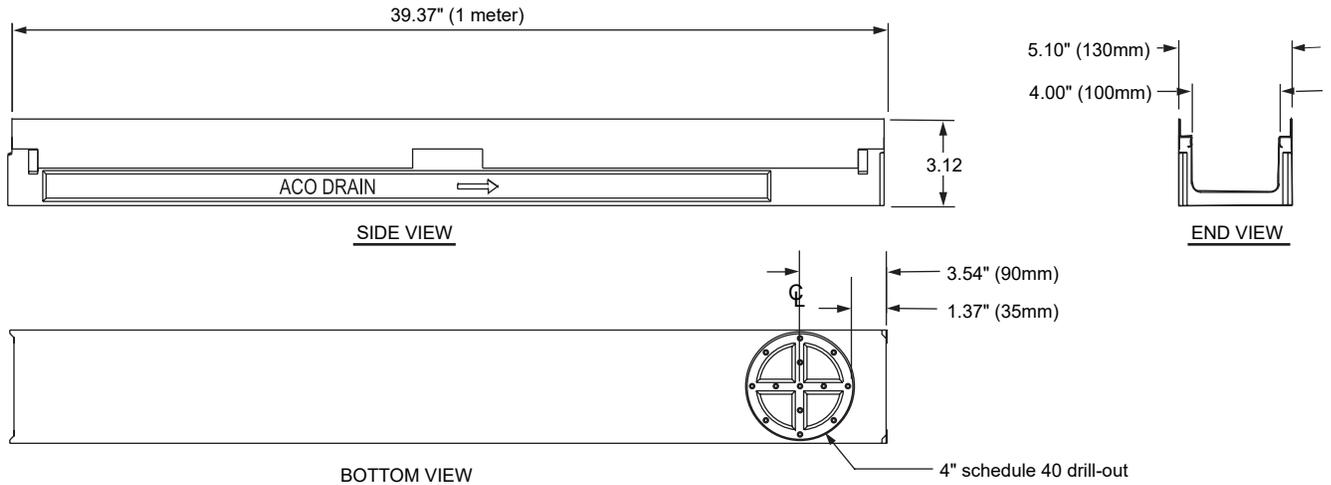
9836-080

FIGURE NUMBER

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

SHALLOW CHANNEL



NOTE: Channels are provided with Vertical Preformed Knock-Out for 4" sch. 40 PVC Pipe.

- 9836-080G Channel with Galvanized Rail
- 9836-080SS Channel with Stainless Steel Rail

NOTE: Dimensions in parentheses are MM.

REGULARLY FURNISHED:

1 meter (3.28') Precast Polymer Concrete Channel of Interlocking Design with a Non-Sloping Flat Bottom Channel and Integral Metal Rail edge. Supplied with Secured Grate as per Specification.

Channel Type 080

- 9836-080-ECG Closing End Cap Universal (Galvanized)
- 9836-080-ECSS Closing End Cap Universal (Stainless)

NOTE: This trench drainage system is designed for "on grade applications only", as there are no provisions for a flashing flange or flashing clamp.



REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
I H G F	2-10-26 8-31-23 6-17-21 1-23-14	Added and Rev. Selections Removed Function Added 060 to Table Removed Vinylester Material	TB HS KK TBW	KV CL PJ PACE			9836-080

SHALLOW CHANNEL

GRATE SPECIFICATIONS BY LOAD CLASS

Light Duty, EN1433 **Class A** - 3,500 lbs - 70 psi

For pedestrian, wheel chair and bicycle traffic

- 9870-410-GP1G - 1/4" dia. perforated galv. steel grate (28.3 SQ. IN.) Open Area/1 Meter
- 9870-420-G1G - 3 1/4" x 3/8" slotted galv. steel grate (35.2 SQ. IN.) Open Area/1 Meter
- 9870-450-SS1G - 3 1/4" x 3/8" slotted stainless steel grate (35.2 SQ. IN.) Non Q-Loc Open Area/1 Meter
- 9870-451-SSPA1G - 1/4" dia. perforated stainless steel grate (28.3 SQ. IN.) Open Area/1 Meter
- 9870-447-SSADA1G - 13/16" x 3/16" longitudinal stainless steel slot bar grate (93.7 SQ. IN.) Open Area/1 Meter
- 9870-494-PADAB5G - 1 3/4" x 5/16" longitudinal slot black polypropylene grate (25.00 SQ. IN.) Open Area/1/2 Meter
- 9870-494-PADAG5G - 1 13/16" x 1/4" slotted gray polypropylene grate non-Q-loc (25.00 SQ. IN.) Open Area/1/2 Meter

Heavy Duty, EN1433 **Class C** -56,000 lbs - 1,162 psi

For commercial pneumatic tire traffic patterns, forklifts and tractor trailers

- 9870-405-GM1G - 13/16" x 1/2" longitudinal galv. steel slot bar grate (116.00 SQ. IN.) Open Area/1 Meter
- 9870-411 -GPHD1G - 1/4" dia. perforated galv. steel grate (28.3 SQ. IN.) Open Area/1 Meter
- 9870-425-GHD1G - 3 1/4" x 3/8" slotted galv. steel grate (35.2 SQ. IN.) Open Area/1 Meter
- 9870-430-SSM1G - 1 3/16" x 1/2" longitudinal stainless steel slot bar grate (121.00 SQ. IN.) Open Area/1 Meter
- 9870-455-SSHD1G - 3 1/4" x 3/8" slotted stainless steel grate (35.2 SQ. IN.) Open Area/1 Meter
- 9870-465-SSP1G - 1/4" dia. perforated stainless steel grate (35.2 SQ. IN.) Open Area/1 Meter
- 9870-479-MD.5G - Mosaic pattern ductile iron grate (13.00 SQ. IN.)Open Area/1/2 Meter
- 9870-492-RC.5G - 1 1/2" x 13/16" slotted resin composite grate (22.2 SQ. IN.) Open Area/1/2 Meter
- 9870-462-MC.5G - 3 15/16" x 3/8" ductile iron slotted grate (21.00 SQ. IN.) Open Area/1/2 Meter

Extra Heavy Duty, EN 1433 **Class E**- 135,000 lbs - 2,788 psi

For commercial solid tire traffic patterns, forklifts and impacts from steel struts or metal wheels.

- 9870-435-GHDE1G - 3 1/4" x 3/8" slotted galv. steel grate (35.2 SQ. IN.) Open Area/1/2 Meter
- 9870-461-M.5G - 3 15/16" x 3/8" ductile iron slotted grate (34.1 SQ. IN.) Open Area/1/2 Meter
- 9870-478-MADA.5G - 1 3/4" x 5/16" longitudinal ductile iron slotted grate (22.5 SQ. IN.)Open Area/1/2 Meter
- 9870-490-SSHDE1G - 3 1/4" x 3/8" slotted stainless steel grate (35.2 SQ. IN.) Open Area/1/2 Meter

•Available in 1/2" and 1" meter lengths



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F	2-10-26	Rev. Selections	TB	KV	WEIGHT	VOLUME	FIGURE NUMBER
E	12-6-21	Added DGC	KK	PACE	POUNDS	CUBIC FEET	9836-080-BS
D	9-9-14	Deleted 9870-440-VF/VF2	TBW	PACE			
C	1-23-14	Revised Grate Specifications	TBW	PACE			
REV.	DATE	DESCRIPTION	BY	CKD. BY			