

9930 SERIES ENVIRO-FLO® II DRAIN SYSTEM

DRAWING NUMBER
S9930

SIZE
A

SCALE:
NONE

DATE:
8-11-94

APPROVED BY:
PACE

CHECKED BY:
PACE

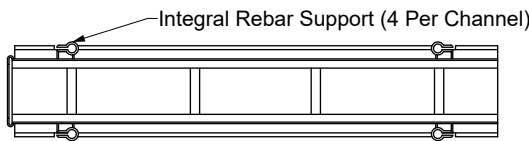
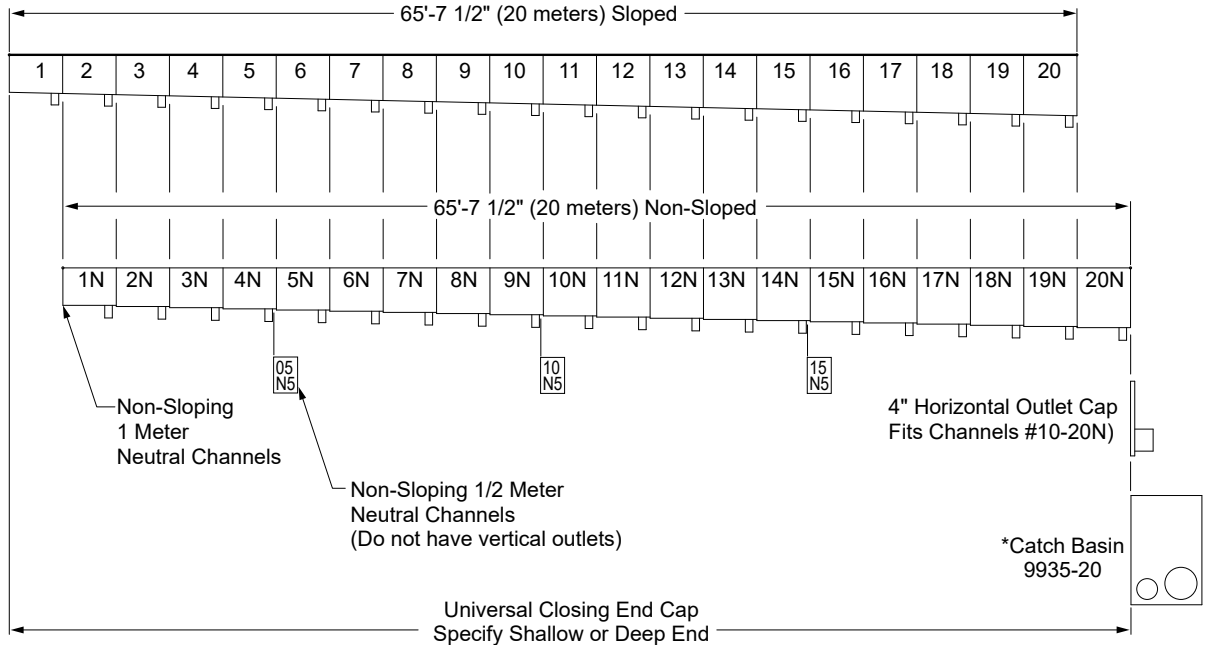
DRAWN BY:
TWK

9930

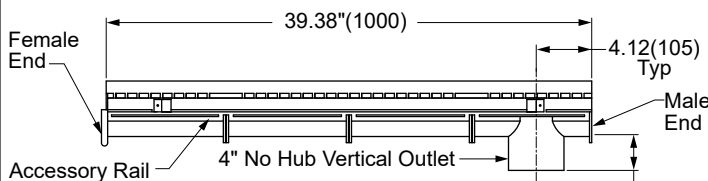
FIGURE NUMBER

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

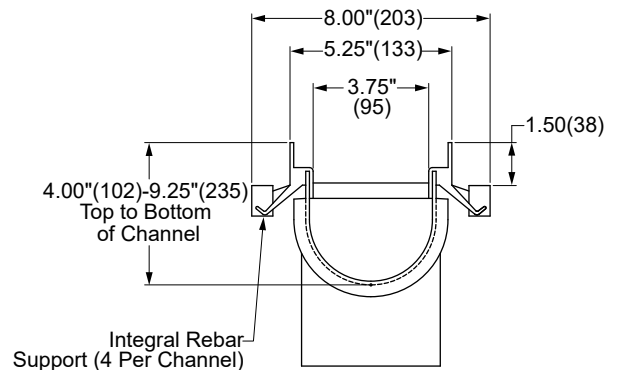


TOP VIEW



SIDE VIEW

2.88(73) Typ Dimension from Invert of Channel to Bottom of Outlet Connection



ENLARGED END VIEW

Note: Dimensions in Parentheses are in mm.

***Note:** If Catch Basin is Specified For Any Other Channel Except For the #20 Channel, a Shim Must be Ordered, P/N: 9930-ES

Note: This Trench Drain System is Designed for "On Grade Applications Only" as There are No Provisions for a Flashing Flange or Flashing Clamp

****Note:** All 1 Meter Long Sloped and Neutral Channels Have a Molded 4"(111) No-Hub Bottom Connection.

*****Note:** See Other side of sheet

REGULARLY FURNISHED:

1 Meter (3.28') 100% Polypropylene Post Industrial Recycled Material with U.V. Inhibitors. Channel of Interlocking Design with a Built-in Slope of 0.6% with Radiused Bottom. Supplied with Secured Gate.

VARIATIONS:

- Grate Specifications (See Back)
- Closing End Cap Shallow -ES
- Closing End Cap Deep -ED
- Horizontal Outlet 4" -H4
- Catch Basin Only 9935-20
- Catch Basin Plastic Bucket -BP
- Direction Change Coupling -MC
- Stainless Steel Overlay Rails -SSR
- 9849 Rante Arrow
- 4" NO-HUB Bottom Outlet Adaptor -BO***

Patent No. 10,047,512

REV.	DATE	DESCRIPTION	BY	CKD. BY
Y	9-8-23	Removed Function	HS	CL
X	8-20-18	Added Patent No.	TBW	PJ
W	12-11-13	Added 1/2 Meter Channels, Note, Rev. Var.	TBW	MD
V	7-12-13	Revised Variations	TBW	PJ

WEIGHT POUNDS	VOLUME CUBIC FEET
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FIGURE NUMBER
9930

W



JAY R. SMITH MFG. CO. MEMBER OF MORRIS GROUP INTERNATIONAL



LOCATION

9930 SERIES ENVIRO-FLO II DRAIN SYSTEM

Light Duty DIN 19580 Load Class A: 3500 lbs - 70 psi. For pedestrian, wheelchair and bicycle traffic.

- * 9870-410-GP - 1/4 dia perforated galv. steel grate (28.30 sq. in.)
* 9870-420-G - 3 1/4 x 3/8 slotted galv. steel grate (35.20 sq. in.)
* 9870-450-SS - 3 1/4 x 3/8 slotted stainless steel grate (42.60 sq. in.)
* 9870-451-SSPA - 1/4 dia perforated stainless steel grate (28.30 sq. in.)
* 9870-447-SSADA - 13/16 x 3/16 longitudinal stainless steel slot bar grate (58.40 sq. in.)
* 9870-491-HPP - 1 13/16 x 1/4 slotted black polypropylene grate (17.00 sq. in.) (Non Q-lok)
* 9870-494-PADAB - 1 3/4 x 5/16 longitudinal slot black polypropylene grate (27.40 sq. in.)
* 9870-494-PADAG - 1 3/4 x 5/16 longitudinal slot gray polypropylene grate (27.40 sq. in.)

Heavy Duty DIN 19580 Load Class C: 56,000 lbs - 1,162 psi. For commercial pneumatic tire traffic patterns, forklifts (pneumatic tire) and tractor trailers (pneumatic tire).

- * 9870-405-GM - 13/16 x 1/2 longitudinal galv. steel slot bar grate (121.10 sq. in.)
* 9870-411-GPHD - 1/4 dia perforated galv. steel grate (28.30 sq. in.)
* 9870-425-GHD - 3 1/4 x 3/8 slotted galv. steel grate (35.20 sq. in.)
* 9870-430-SSM - 13/16 x 1/2 longitudinal stainless steel slot bar grate (121.10 sq. in.)
* 9870-455-SSHHD - 3 1/4 x 3/8 slotted stainless steel grate (42.60 sq. in.)
* 9870-465-SSP - 1/4 dia perforated stainless steel grate (28.30 sq. in.)
* 9870-479-MD - Mosaic pattern ductile iron grate (19.50 sq. in.)
* 9870-480-IW - Iron Wave pattern ductile iron grate (35.98 sq. in.)
* 9870-481-ID - Iron Decorative pattern ductile iron grate (19.00 sq. in.)
* 9870-492-RC - 1 1/2 x 13/16 slotted resin composite grate (16.30 sq. in.)
* 9870-462-DGC - 3 15/16 x 3/8 ductile iron slotted grate (34.10 sq. in.)
* 9870-478-MADA - longitudinal slot ductile iron grate (22.50 sq. in.)

HYDRAULIC CAPACITY AND DEEP END DEPTHS 9930 SYSTEM

Table with 7 columns: CHANNEL NUMBER, DEEP END DEPTH IN., DEEP END DEPTH MM., SLOPE, SINGLE CHANNEL EST CFS, SINGLE CHANNEL EST GPM, WEIGHT Lbs. Rows include 9930-1 through 9930-20N.

Note: Channel flow rates based on channels less grates and open ended.

Note: The grate securing bolts must remain secured in the grate and tightened to the locking bar installed in the channel. If the grate securing bolts are removed for maintenance of the trench drain, they must be replaced and re-tightened.

***Note: When installing the 9930-BO bottom outlet hub on channel #1, #1N, #2 or #2N, a slight modification is required to the hub due to the close proximity of the channel frame at the top of the channel to the accessory rail.

*Supplied with QuickLok securing device regularly furnished

Table with 7 columns: W, V, U, T, REV., DATE, DESCRIPTION, BY, CKD. BY, WEIGHT POUNDS, VOLUME CUBIC FEET, FIGURE NUMBER. Figure number is 9930BS.