

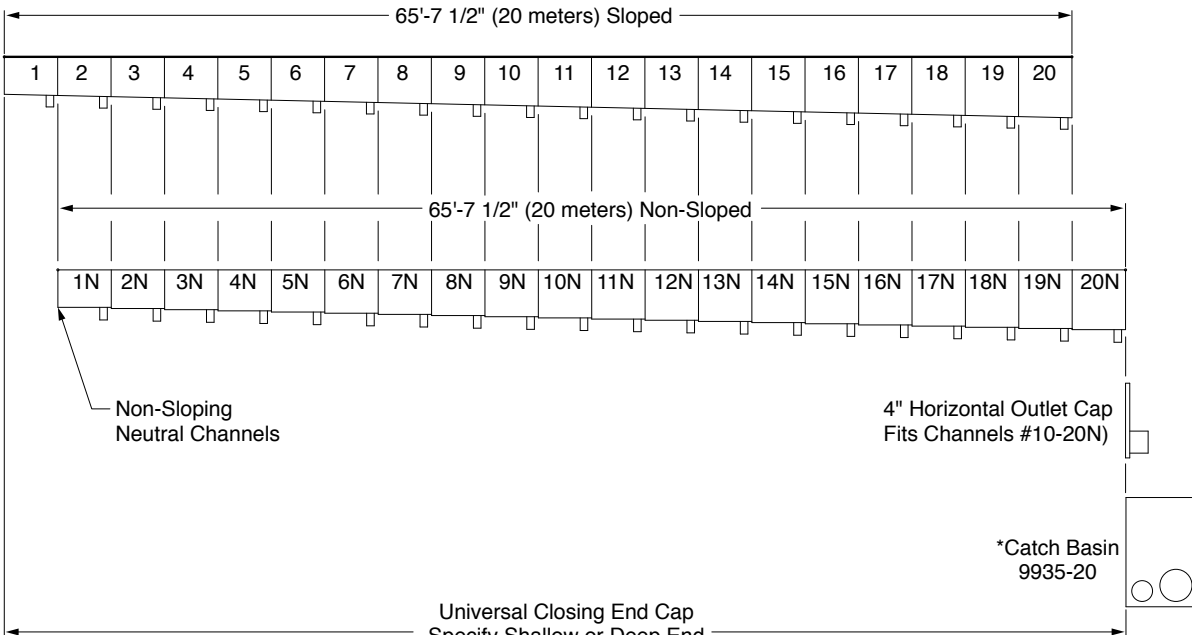
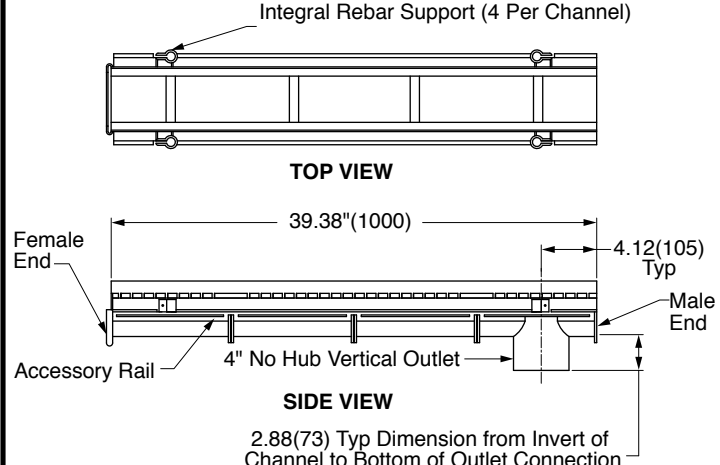
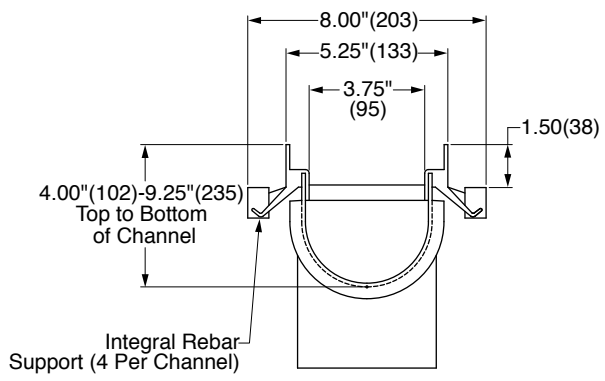
V	SMITH® JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com  MEMBER OF:					LOCATION							
	9930 SERIES ENVIRO-FLO® II DRAIN SYSTEM												
	FUNCTION: Used in all surface drainage applications, may be assembled in any length utilizing interlocking tongue and groove ends. This reduces installation time and cost, providing an engineered sloped solution for drainage requirements.												
													
													
													
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 Grate. 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 -DCC ☐ Stainless Steel Overlay Rails -SSR ☐ 9849 Rante Arrow ☐ 4" NO-HUB Bottom Outlet Adaptor -BO 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.													
9930	DRAWING NUMBER S9930			SIZE A	SCALE: NONE	DATE: 8-11-94	APPROVED BY: PACE	CHECKED BY: PACE	DRAWN BY: TWK	WEIGHT POUNDS		VOLUME CUBIC FEET	FIGURE NUMBER
	REV.	DATE	DESCRIPTION	BY	CKD. BY							9930	

FIGURE NUMBER

9930BS

DRAWN BY:

TWK

CHECKED BY:

PACE

APPROVED BY:

PACE

DATE:

8-2-93

SCALE:

NONE

SIZE

A

DRAWING NUMBER

S9930BS

P



SMITH®

JAY R. SMITH MFG. CO.®

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POST OFFICE BOX 3237

MONTGOMERY, ALABAMA 36109-0237 (USA)

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MEMBER OF:

ASSE

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.)

☐

9870-440-VF - 4 7/8 x 5/8 vinylester fiberglass bar
grate (116.80 sq. in.) (Non Q-lok)

☐

9870-440-VF2 - 4 7/8 x 3/8 vinylester fiberglass bar
grate (116.80 sq. in.) (Non Q-lok)

☐

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.)

☐

9870-445-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 and
tractor trailers.

☐

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.)

☐

9870-416-GS - solid galvanized steel cover

☐

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-SSHD - 3 1/4 x 3/8 slotted stainless
steel grate (42.60 sq. in.)

☐

9870-479-MD - Mosaic pattern ductile iron grate
(19.50 sq. in.)

☐

9870-492-RC - 1 1/2 x 13/16 slotted resin
composite grate (16.30 sq. in.)

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

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

HYDRAULIC CAPACITY AND DEEP END DEPTHS 9930 SYSTEM

CHANNEL NUMBER	DEEP END DEPTH		SLOPE	SINGLE CHANNEL		WEIGHT Lbs.
	IN.	MM.		EST CFS	EST GPM	
9930-1	4.38	111	0.6%	.29	130	6.50
9930-1N	4.38	111	0.0%	.29	130	6.50
9930-2	4.62	117	0.6%	.31	139	6.60
9930-2N	4.62	117	0.0%	.31	139	6.60
9930-3	4.88	124	0.6%	.34	153	6.80
9930-3N	4.88	124	0.0%	.34	153	6.80
9930-4	5.12	130	0.6%	.36	162	6.90
9930-4N	5.12	130	0.0%	.36	162	6.90
9930-5	5.38	137	0.6%	.39	175	7.00
9930-5N	5.38	137	0.0%	.39	175	7.00
9930-6	5.62	143	0.6%	.42	189	7.20
9930-6N	5.62	143	0.0%	.42	189	7.20
9930-7	5.88	149	0.6%	.45	202	7.40
9930-7N	5.88	149	0.0%	.45	202	7.40
9930-8	6.12	155	0.6%	.47	211	7.60
9930-8N	6.12	155	0.0%	.47	211	7.60
9930-9	6.38	162	0.6%	.49	220	7.60
9930-9N	6.38	162	0.0%	.49	220	7.60
9930-10	6.62	168	0.6%	.53	238	7.80
9930-10N	6.62	168	0.0%	.53	238	7.80
9930-11	6.68	170	0.6%	.56	251	8.00
9930-11N	6.68	170	0.0%	.56	251	8.00
9930-12	7.12	181	0.6%	.58	261	8.00
9930-12N	7.12	181	0.0%	.58	261	8.00
9930-13	7.38	187	0.6%	.61	274	8.40
9930-13N	7.38	187	0.0%	.61	274	8.40
9930-14	7.62	194	0.6%	.64	287	8.40
9930-14N	7.62	194	0.0%	.64	287	8.40
9930-15	7.88	200	0.6%	.67	301	8.60
9930-15N	7.88	200	0.0%	.67	301	8.60
9930-16	8.12	206	0.6%	.70	314	8.80
9930-16N	8.12	206	0.0%	.70	314	8.80
9930-17	8.38	213	0.6%	.73	328	8.80
9930-17N	8.38	213	0.0%	.73	328	8.80
9930-18	8.62	219	0.6%	.76	341	9.00
9930-18N	8.62	219	0.0%	.76	341	9.00
9930-19	8.88	226	0.6%	.79	355	9.20
9930-19N	8.88	226	0.0%	.79	355	9.20
9930-20	9.12	232	0.6%	.82	368	9.40
9930-20N	9.12	232	0.0%	.82	368	9.40

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. If the grate securing bolts are left out of the grates, the life span of the trench drain system could be affected along with the safety of pedestrian traffic.

P
N

8-14-13
10-17-12

Rev. Grates
Rev. Grates and Channels

TBW
TBW

MD
MD

WEIGHT
POUNDS

VOLUME
CUBIC FEET

FIGURE NUMBER
9930BS

REV.

DATE

DESCRIPTION

BY

CKD. BY