

B

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: 888-377-7818 www.jrsmith.com



LOCATION

6" WIDE 9805 POWERDRAIN® SHALLOW DRAIN SYSTEM W/INTEGRAL DUCTILE IRON EDGE RAIL

DRAWING NUMBER
S9805

SIZE
A

SCALE:
NONE

DATE:
4-2-15

APPROVED BY:
PJ

CHECKED BY:
PJ

DRAWN BY:
TBW

9805

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

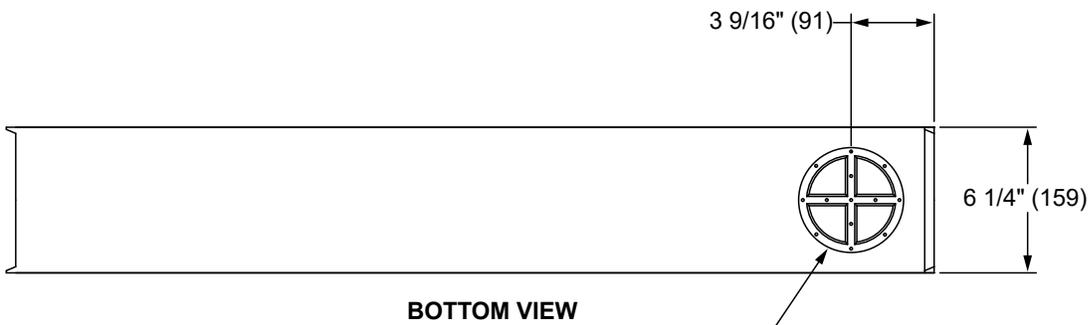
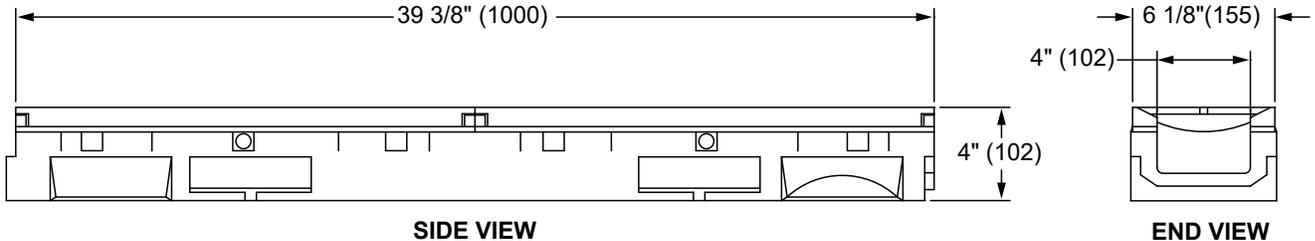


FIG. 9805-DI

REGULARLY FURNISHED:
 1 meter (3.28') Precast Polymer Concrete Channel of Interlocking Design with No Slope. Channel has an Integral Ductile Iron Edge Rail and 4" Internal Width. Supplied with Secured Ductile Iron Slotted Grates.

- VARIATIONS:**
- Grate Specifications (See Back Sheet)
 - 9805-EC End Cap
 - 9854-STR Plastic Dome Bottom Strainer (4" Only)
 - 9805-GRT Grate Removal Tool

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



FIGURE NUMBER	B A	1-15-26 8-31-23	Revised Variations Removed Function	TB HS	KV CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 9805
REV.	DATE	DESCRIPTION		BY	CKD. BY			

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**Extra Heavy Duty, EN 1433 Load Class F:
 202,320 lbs - 4182 psi. For aircraft runways, docks,
 heavy fork trucks, and heavy wheel loads.**

- * **9805-SLG**
Powerlok Slotted - 3 13/16 x 7/16 ductile iron
 slotted grate (46.00 sq. in.)
- * **9805-ADAG**
Powerlok ADA - 1 3/8 x 7/16 longitudinal ductile
 iron slotted grate (50.40 sq in.)

*Available with Powerlok Locking Devices Only

DEEP END DEPTHS 9805 SYSTEM

Channel Number	Invert Depth		Slope	Slotted Weight Lbs.	ADA Weight Lbs.
	Inch	mm			
9805-DI	2.95	75	0.0%	69.5	72.1

Note: For overall depth of channel add 1.05" to invert depth shown.



A	1-15-26	Revised Selections	TB	KV	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
REV.	DATE	DESCRIPTION	BY	CKD. BY			9805BS