

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

# 10" WIDE 9806 POWERDRAIN® SHALLOW DRAIN SYSTEM w/INTEGRAL DUCTILE IRON EDGE RAIL

DRAWING NUMBER  
**S9806**

SIZE  
**A**

SCALE:  
**NONE**

DATE:  
**4-2-15**

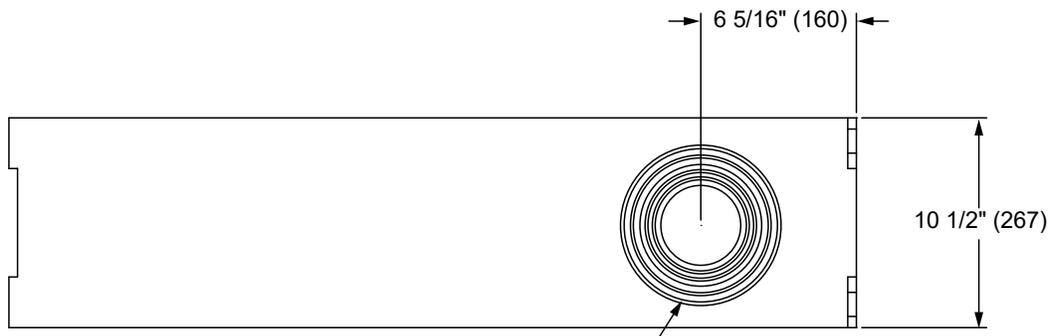
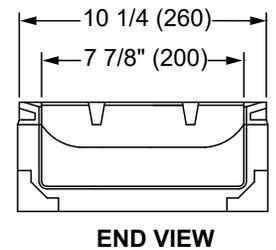
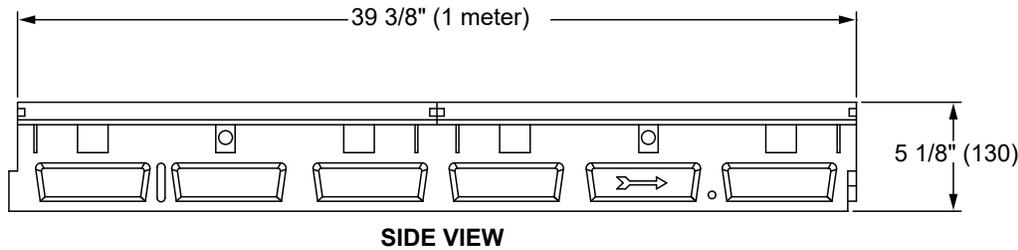
APPROVED BY:  
**PJ**

CHECKED BY:  
**PJ**

DRAWN BY:  
**TBW**

**9806**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA



4" (102) and 6" (152)  
Sch 40 Knockout/Drillout

FIG. 9806-DI

**REGULARLY FURNISHED:** 1 meter (3.28') Precast Polyester Concrete Channel of Interlocking Design with No Slope. Channel has an Integral Ductile Iron Edge Rail and 8" Internal Width. Supplied with Secured Ductile Iron Grates.

- VARIATIONS:**
- Grate Specifications (See Back Sheet)
  - 9806-EC End Cap
  - 9806-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	1-15-26	Revised Variations Removed Function	TB	KV
A	8-31-23		HS	CL
REV.	DATE	DESCRIPTION	BY	CKD. BY

WEIGHT POUNDS	VOLUME CUBIC FEET

**FIGURE NUMBER**  
**9806**

A

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**PJ**

DRAWN BY:  
**TBW**

**9806BS**

FIGURE NUMBER

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DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

**Extra Heavy Duty, EN 1433 Load Class E:**  
**135,000 lbs - 2323 psi. For commercial solid tire forklift traffic patterns, forklifts and impacts from steel struts and metal wheels.**

\*  **9806-ADAG**  
**Powerlok ADA - 3/4 (19) x 5/16 (8) longitudinal ductile iron slotted grate (56.00 sq in.)**

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

\*  **9806-SLG**  
**Powerlok Slotted - 4 1/2 (114) x 11/16 (18) ductile iron slotted grate (126.00 sq. in.)**

\*Available With Powerlok Locking Devices Only

## DEEP END DEPTHS 9806 SYSTEM

Channel Number	Invert Depth		Slope	Slotted Weight Lbs.	ADA Weight Lbs.
	Inch	mm			
9806-DI	4.00	100	0.0%	186.2	198.4

**Note:** For overall depth of channel add 1.20" to invert depth shown.



REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
A	1-15-26	Revised Selections	TB	KV			<b>9806BS</b>