

H

**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

DRAWING NUMBER  
S2810 Series

SIZE  
A

SCALE:  
NONE

DATE:  
12-19-96

APPROVED BY:  
BS

CHECKED BY:  
WMS

DRAWN BY:  
EMB

**2810 Series**

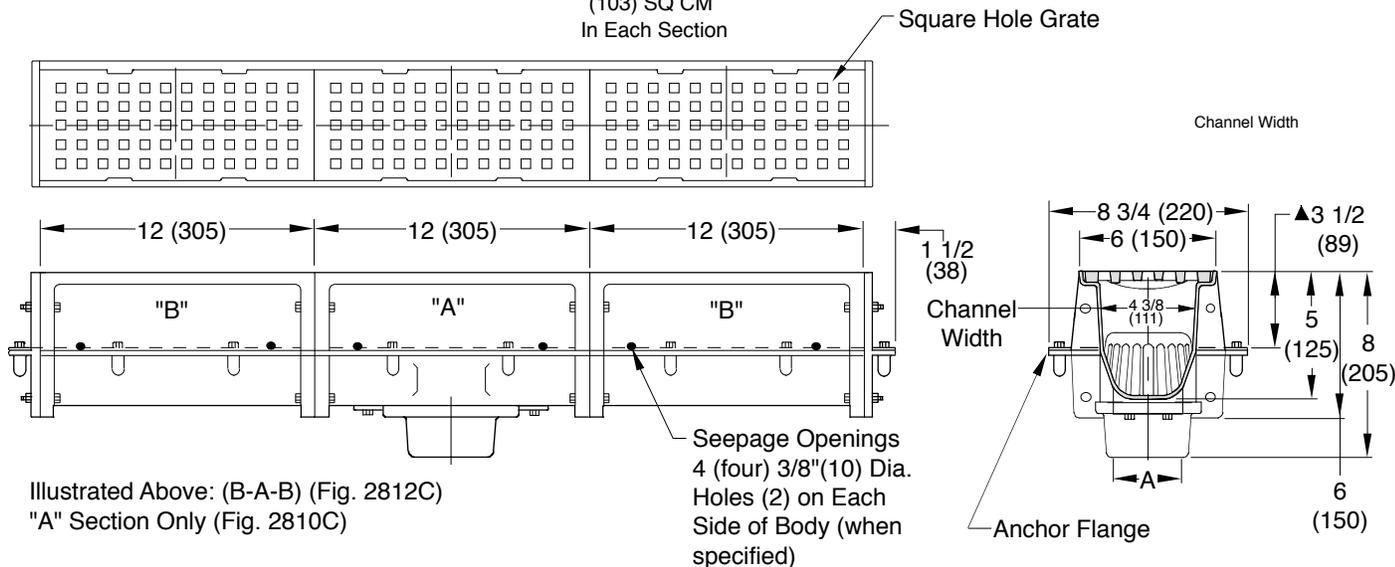
WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

# 6" (152) WIDE REVEAL TRENCH DRAINS

## MODULAR TRENCH DRAINS

FREE AREA  
 16 SQ IN  
 (103) SQ CM  
 In Each Section



Illustrated Above: (B-A-B) (Fig. 2812C)  
 "A" Section Only (Fig. 2810C)

▲ Add 3/4" (19) when bronze or nickel bronze top is specified.

A(Pipe Size) = 02(50), 03(75) or 04"(100)

FIG. 2810 . . . . . "A" Section	
FIG. 2811 . . . . . "A" Section	with (1) "B" Section
FIG. 2812 . . . . . "A" Section	with (2) "B" Section
FIG. 2813 . . . . . "A" Section	with (3) "B" Section
FIG. 2814 . . . . . "A" Section	with (4) "B" Section
FIG. 2815 . . . . . "A" Section	with (5) "B" Section
FIG. 2816 . . . . . "A" Section	with (6) "B" Section
FIG. 2817 . . . . . "A" Section	with (7) "B" Section
FIG. 2818 . . . . . "A" Section	with (8) "B" Section
FIG. 2819 . . . . . "A" Section	with (9) "B" Section
FIG. 2820 . . . . . "A" Section	with (10) "B" Section

FIG. 2810C ..... CAULK OUTLET  
 FIG. 2810Y ..... NO-HUB OUTLET

**NOTE:** Last digit of figure number designates number of "B" sections.

**NOTE:** Any figure number other than the 2810 and 2811 must be furnished with sectional layout when placing order, to insure proper assembly at job site.

**NOTE:** Cast Iron Grate - Medium Duty  
 Ductile Iron Grate - Heavy Duty

### REGULARLY FURNISHED:

Duco Cast Iron Flanged Body and End Plates with Cast Iron Anti-Shift Loose Set Square Hole ADA Grate, Dome Bottom Strainer.

### VARIATIONS:

- Flashing Clamp -C
- Slotted Cast Iron Grate -SG  
Free Area = 21.5 SQ IN (139) SQ CM
- Vandal Proof -U
- Quad Close Trap Seal (Specify Fig. 2692)

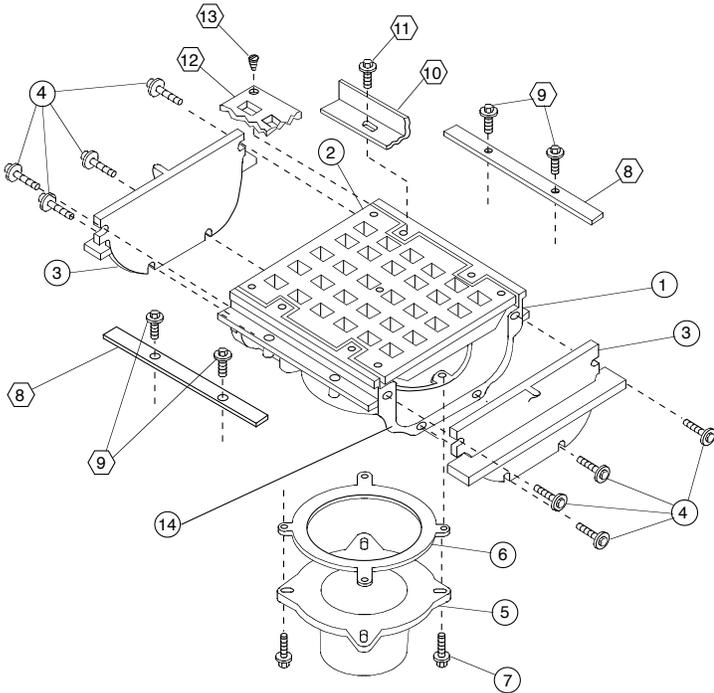
### OPTIONAL MATERIALS:

- Ductile Iron Grates -M
- Galvanized Cast Iron -G
- Nickel Bronze Top -NB
- Polished Bronze Top -PB
- Nickel Bronze Heel Proof Top -NBHP
- Polished Bronze Heel Proof Top -PBHP

**NOTE:** Dimensions shown in parentheses are in millimeters.

H G T E	12-21-22 6-24-22 4-7-22 5-19-2020	Changed Title & + channel width Revised Text Added -NBHP and -PBHP to opt. Removed Function, Added Note	KK KK KK MW	CL CL CL JM	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER <b>2810 Series</b>
REV.	DATE	DESCRIPTION	BY	CKD. BY			

# ASSEMBLY DRAWING



- NOTES:**
- Numbers designated thus are regularly furnished parts.
  - ⬡ Numbers designated thus are variations/options and must be specified.
- \* Quantities are per section.

NO.	DESCRIPTION	QU.*	NO.	DESCRIPTION	QU.*
①	Flanged Body (Specify)	1	⑧	Flashing Flange	4
②	Grate	1	⑨	5/16(8)-18 x 3/4(19) Bolt with Washer	8
③	Flanged End Plates	2	⑩	Body Veneer	1
④	5/16(8)-18 x 1 3/4(44) Bolts/Nuts & Washer	8	⑪	5/16(8)-18 x 3/4(19) Bolt with Washer	4
⑤	Hub (Specify Size)	1	⑫	Grate Veneer	1
⑥	Gasket	1	⑬	10-24 x 7/16(11) Flat Head Screws	5
⑦	5/16(8)-18 x 1 1/4(32) Bolt & Washer	4	⑭	Apply Permatex #2 Seal to each end of each body section	2

DRAWING NUMBER S2810BS  
 SIZE A  
 SCALE: NONE  
 DATE: 4-8-08  
 APPROVED BY: AM  
 CHECKED BY: AM  
 DRAWN BY: TBW  
**2810 Assembly Drawing**  
 FIGURE NUMBER

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

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER <b>2810</b> <b>Assembly Drawing</b>
------	------	-------------	----	---------	---------------	-------------------	---