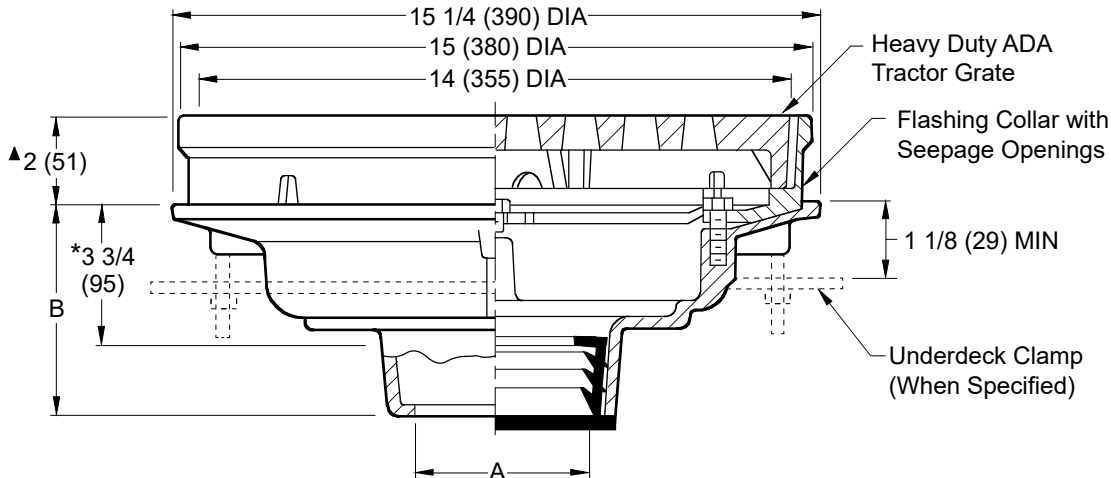


HEAVY DUTY ROOF DRAIN FOR PARKING AREA

Load Rating: Heavy Duty having a Safe Live (Static) Load between 5,000 lbs. (2,250 kg) and 7,499 lbs (3,375 kg) per ASME A112.6.3 Floor Drain Standard. For the specific Safe Live Load rating of any grate, contact the Smith representative or factory direct.

Free Area
 45 SQ IN
 (290) SQ CM



▲add 1/4" (6) when bronze top is specified.

- Fig. 1416C CAULK OUTLET
- Fig. 1416T THREADED OUTLET
- Fig. 1416Y NO-HUB OUTLET

recommended deck opening	
with suffix -R	17 (430) DIA
less Suffix -R	14 (355) DIA

A SIZE	02 (50)	03 (75)	04 (100)	05 (125)	06 (150)	08 (200)	10 (250)
B	5 (125) for Caulk, NO-HUB and Speedi-Set®				6 (150)	6 (150)	
	3 3/4 (95) for Threaded						

*This Dimension to Internal Stop of Speedi-Set® Gasket.

REGULARLY FURNISHED:
 Duco Cast Iron Body, Flashing Collar and Heavy Duty Loose Set ADA Tractor Grate.

- VARIATIONS:**
- Dome Grate -D
 - "L" Shaped Underdeck Clamp -CL
 - L Speedi-Set® Service Weight
02(50), 03(75) & 04"(100) sizes only
 - LXH Speedi-Set® Extra Heavy
02(50), 03(75) & 04"(100) sizes only
 - Square Top -S
 - Sump Receiver -R
 - Underdeck Clamp -C
 - Vandal Proof -U
 - Sediment Bucket -B
 - Roof Deck Plate -RDP

- OPTIONAL MATERIALS:**
- Ductile Iron Grate -M
 - Galvanized Cast Iron -G
 - Galvanized Cast Iron Dome -CIDG
 - Nickel Bronze Top -NB
 - Polished Bronze Top -PB

NOTE: Floor drains or area drains used to drain areas subject to rainfall should have an open area equal to twice the cross sectional area of the connecting pipe.

DRAWING NUMBER **S1416**
 SCALE: **NONE**
 DATE: **10-6-86**
 APPROVED BY: **JD**
 CHECKED BY: **VGD**
 DRAWN BY: **WAS**
1416
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
S	3-27-24	Revised Variations Removed Function Added @ to "Speedi-Set" Added Load Rating	HS	CL			1416
R	2-5-24		HS	CL			
Q	3-8-23		KK	CL			
P	8-22-19		MW	JM			