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**SMITH® JAY R. SMITH MFG. CO.®**  
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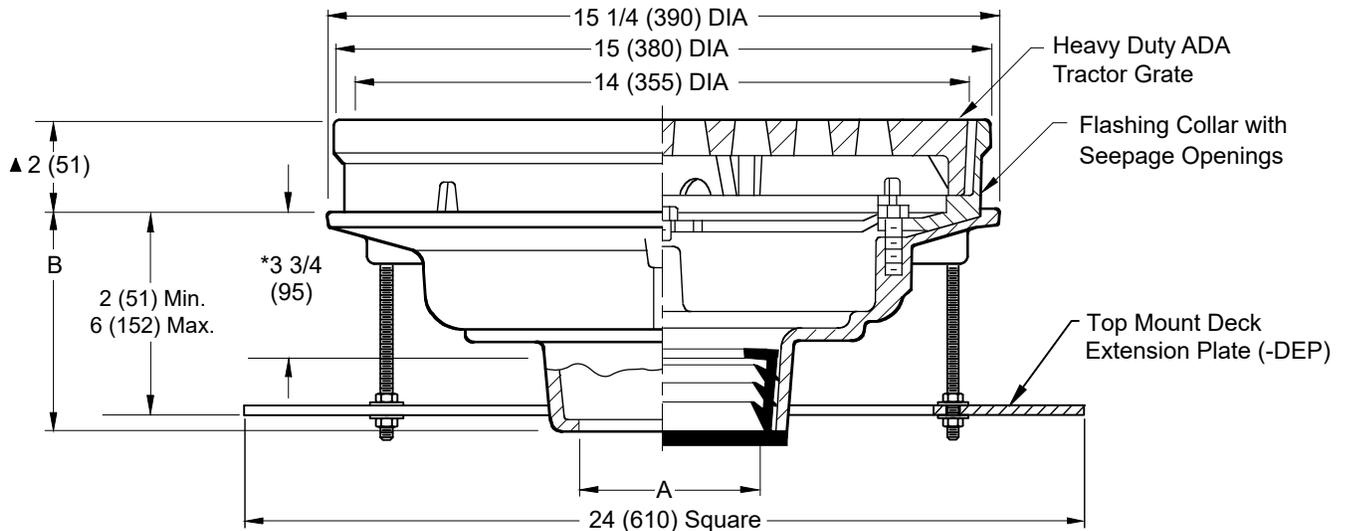


LOCATION

# 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



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

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

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

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

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

**REGULARLY FURNISHED:**

Duco Cast Iron Body with Top Mount Deck Extension Plate, 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
- Vandal Proof - U
- Sediment Bucket - B

**OPTIONAL MATERIALS:**

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

**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.

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

DRAWING NUMBER  
**S1416-DEP**

SIZE  
**A**

SCALE:  
**NONE**

DATE:  
**9-9-21**

APPROVED BY:  
**CL**

CHECKED BY:  
**CL**

DRAWN BY:  
**KK**

FIGURE NUMBER  
**1416-DEP**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

|      |         |                                    |    |         |
|------|---------|------------------------------------|----|---------|
| B    | 2-24-25 | Revised Optional Materials Added @ | HS | CL      |
| A    | 5-7-24  |                                    | HS | CL      |
| REV. | DATE    | DESCRIPTION                        | BY | CKD. BY |

|               |                   |
|---------------|-------------------|
| WEIGHT POUNDS | VOLUME CUBIC FEET |
|               |                   |

FIGURE NUMBER  
**1416-DEP**