

C:\USERS\MICHAEL\BEAVER\ONE DRIVE - THE QUIKRETE COMPANIES\DYNAMICS365 - CONTECH - PROJECTS\880717\PRODUCTS\880717-10-CASCADE\DRAWINGS\880717-10-CS-8-CONFAB.DWG 5/5/2026 5:00 PM



ICAST to fully pre-assemble internal materials prior to shipment



**PRECAST COMPONENTS**  
INTERNALS NOT SHOWN



CONTECH  
**FABRICATION**  
DRAWING

| COUNT | DESCRIPTION                                        | PART NUMBER | PROVIDED BY | INSTALLED BY |
|-------|----------------------------------------------------|-------------|-------------|--------------|
| 1     | CS-8 CYLINDER INSERT, STD.                         | 325-003952  | CONTECH     | PRECASTER    |
| 6     | CS-8 ALUMINUM INSTALLATION BRACKETS                | 325-003971  | CONTECH     | PRECASTER    |
| 1     | CS-8 HARDWARE KIT                                  | 325-003970  | CONTECH     | PRECASTER    |
| 1     | SEALANT FOR JOINTS                                 |             | PRECASTER   | CONTRACTOR   |
| 2     | 24"Ø X 4" FRAME AND COVER, EJ #41600389, OR EQUIV. | 325-000350  | CONTECH     | CONTRACTOR   |

Diagram illustrating the dimensions and components of a circular manhole cover:

- Overall diameter: 4'-0"
- Inset diameter: 2'-0 3/4"
- Inset width: 60°
- Inset width: 30°
- OUTLET
- INSTALL BRACKET TYPICAL OF 6

### SUPPORT BRACKET LAYOUT PLAN VIEW

[illegible]

CS-8 - 880717-10  
SHEPPER AND CONVERSE AVENUES  
ROADWAY IMPROVEMENTS  
PLAIN CITY, OH  
SITE DESIGNATION: STR 1 (SHEPPER  
AVE)

**CONTECH<sup>®</sup>**  
ENGINEERED SOLUTIONS LLC  
A **CONQUEST<sup>®</sup>** COMPANY  
9100 Centra Pointe Dr., Suite 400, West Chester, OH 45069  
800-338-1122 513-645-7000 513-645-7993 FAX

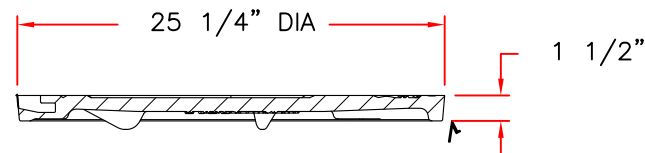
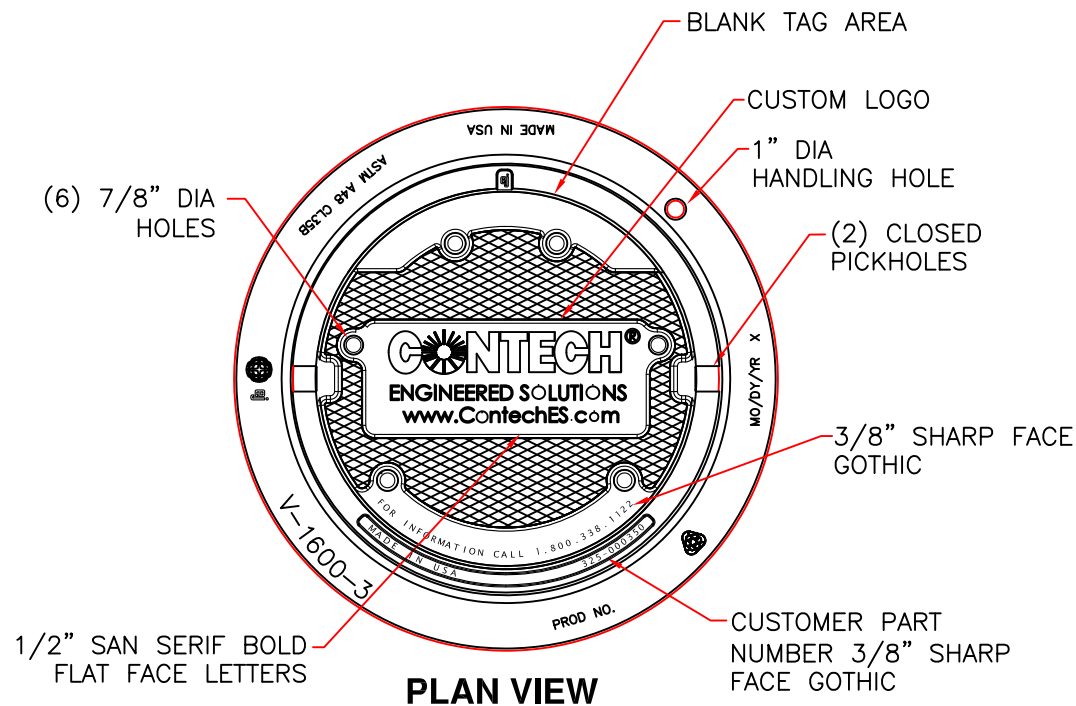
**CASCADE**  
**separator<sup>®</sup>**

FOR PATENT INFORMATION, GO TO [www.conquest.com/p](http://www.conquest.com/p)

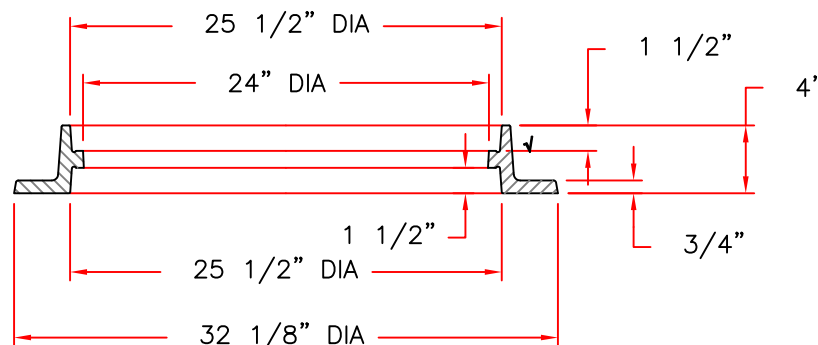
|                        |                     |
|------------------------|---------------------|
| DATE:<br>11/19/2025    |                     |
| DESIGNED:<br>MDB       | DRAWN:<br>MDB       |
| CHECKED:<br>MSB        | APPROVED:<br>MDB    |
| PROJECT No.:<br>880717 | SEQUENCE No.:<br>10 |
| SHEET:<br>1 OF 1       |                     |

# 26-2324 Shepper & Converse Ave

## V1600-3 V1610-3 Assembly



**COVER SECTION**



**RING SECTION**

### Product Number

**41600389**

### Design Features

- Materials
  - Frame
    - Gray Iron (CL35B)
  - Cover
    - Gray Iron (CL35B)

- Design Load
  - Heavy Duty
- Open Area
  - n/a
- Coating
  - Undipped
- √ Designates Machined Surface

### Certification

- 
- ASTM A48
- 
- Country of Origin: USA

### Major Components

41600310  
41600374

### Drawing Revision

05/02/2008 Designer: DEW  
6/20/2017 Revised By: DAE

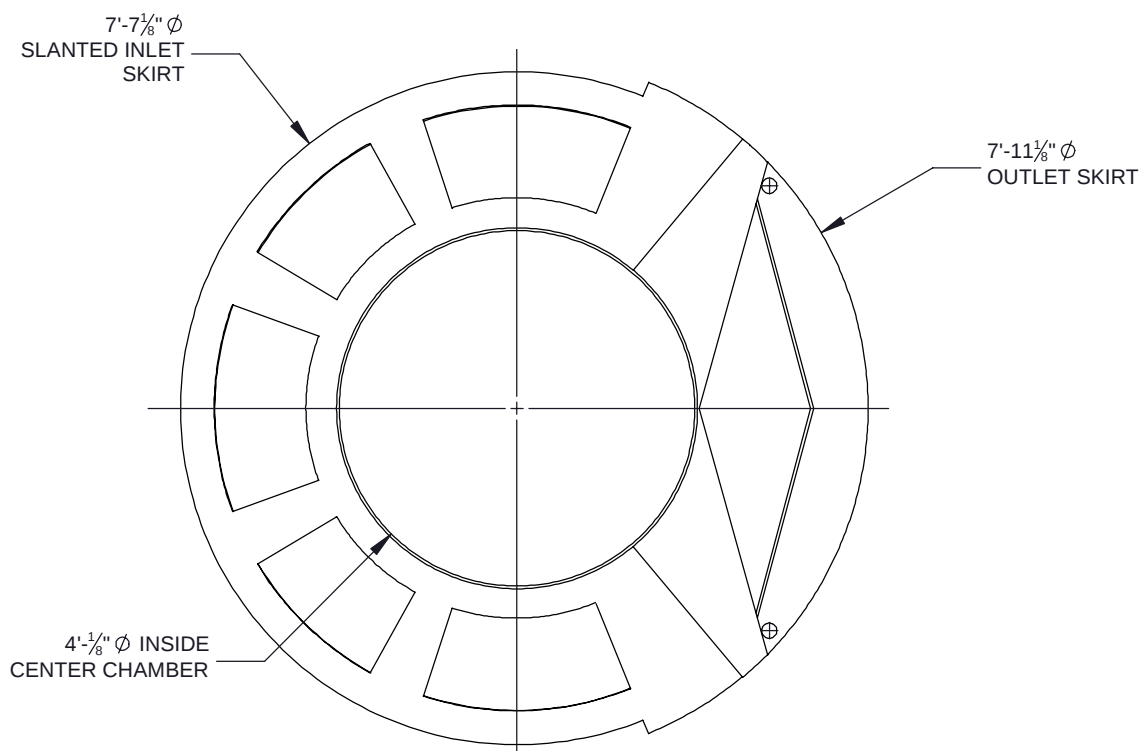
### Disclaimer

Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

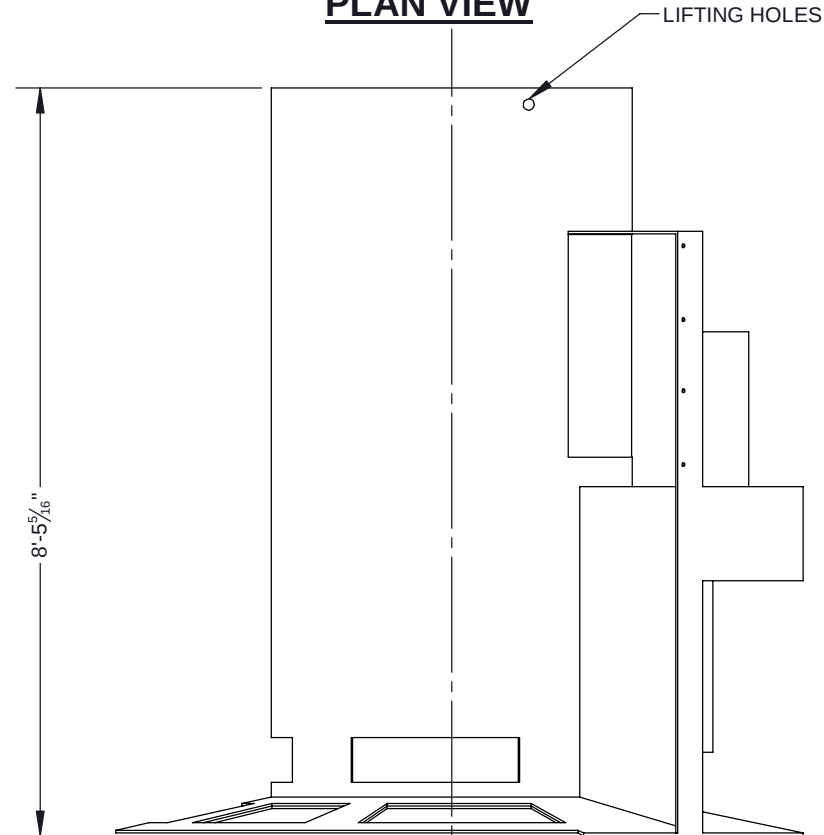
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### Contact

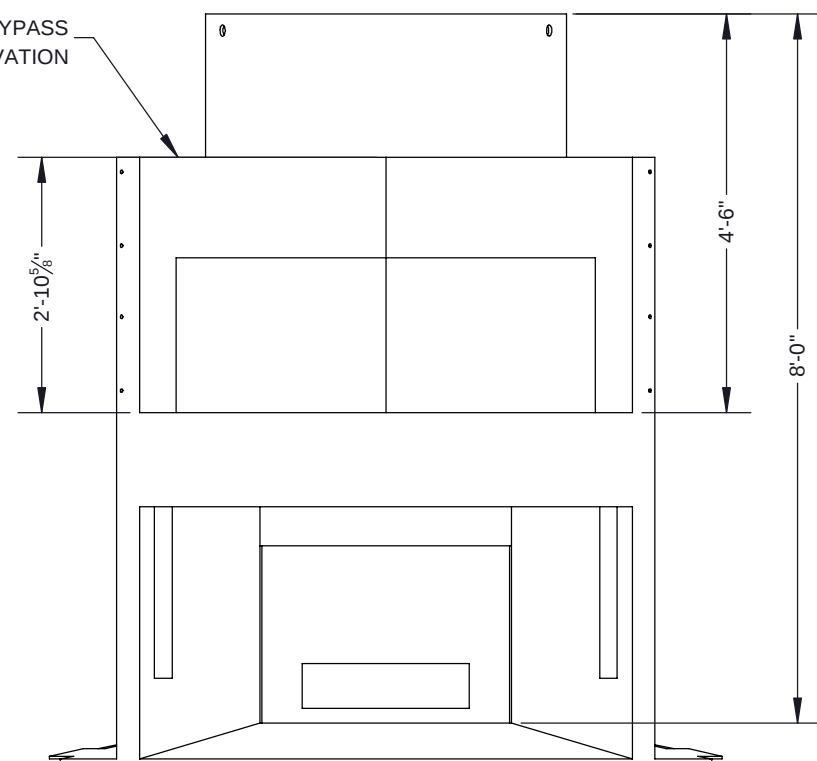
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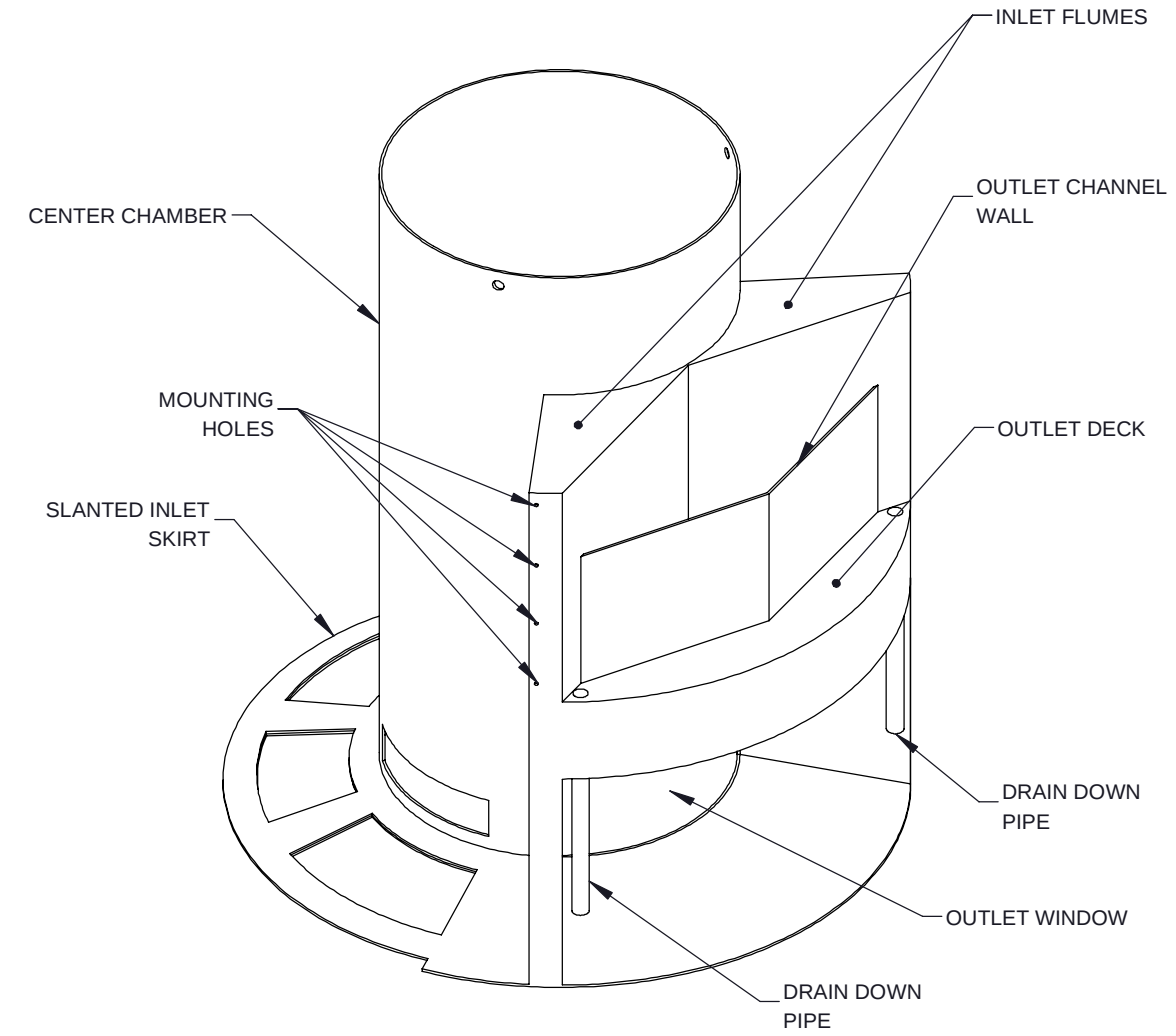
PLAN VIEW



ELEVATION VIEW



ELEVATION VIEW: OUTLET SIDE



ISOMETRIC VIEW

- NOTES:
- SEE CASCADE SEPARATOR INSTALLATION GUIDE FOR ADDITIONAL INFORMATION

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REFERENCE DETAIL  
INTERNALS CS-8  
CASCADE SEPARATOR

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

TOLERANCES:  
FRACTIONAL ± 1/16  
ANGLES ± 1 DEGREE  
TWO PLACE DECIMAL ± 0.06  
THREE PLACE DECIMAL ± 0.030

|                                 |                              |           |
|---------------------------------|------------------------------|-----------|
| PART NUMBER: 325-003952         |                              |           |
| APPROVED BY:<br>M. BROOKS       | DRAWN BY:<br>J. BELL         |           |
| APPROVED BY DATE:<br>2021.10.21 | DRAWN BY DATE:<br>2021.09.15 | REV:<br>C |
| SCALE:<br>N/A                   | SHEET 1 OF 1                 |           |