

C:\USERS\MICHAEL.BEAVER\ONE DRIVE - THE QUIKRETE COMPANIES\DYNAMICS\365 - CONTECH - PROJECTS\840323\PRODUCTS\10-CASCADE 6\DRAWINGS\DWG_57/2026_10-19 AM



ELEVATION VIEW

The diagram shows the elevation view of the Cascade Reactor. Key components and dimensions are labeled:

- CASCADE CYLINDER INSERT**: Points to the upper cylindrical section.
- INLET 1**: Points to the circular inlet on the left side.
- SOLIDS STORAGE SUMP**: Points to the lower section containing the solids.
- OUTLET 1**: Points to the outlet on the right side.
- JOINT TO BOLT HOLE**: Points to the joint on the right side.
- Dimensions**:
 - Overall height: 15'-1"
 - Overall width: 7'-2"
 - Height from Inlet 1 to Outlet 1: 3'-4"
 - Height from Inlet 1 to Solids Storage Sump: 1'-2"
 - Height from Solids Storage Sump to Joint to Bolt Hole: 3"



CONTECH FABRICATION DRAWING

COUNT	DESCRIPTION	PART NUMBER	PROVIDED BY	INSTALLED BY
1	CS-6 CYLINDER INSERT, STD.	325-003951	CONTECH	PRECASTER
5	CS-6 ALUMINUM INSTALLATION BRACKETS	325-003956	CONTECH	PRECASTER
1	CS-6 HARDWARE KIT	325-003965	CONTECH	PRECASTER
1	SEALANT FOR JOINTS		PRECASTER	CONTRACTOR
1	30"Ø X 4" FRAME AND COVER, EJ #41600483, OR EQUIV.	325-000332	CONTECH	CONTRACTOR

3'-6 1/4"

72°

36°

1'-10 1/4"

OUTLET

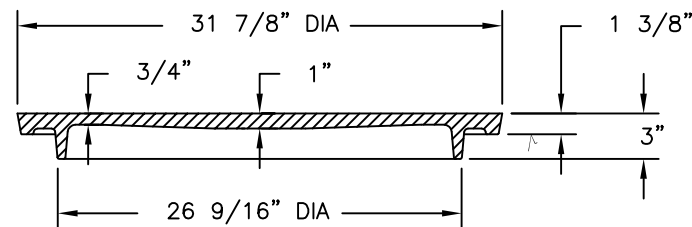
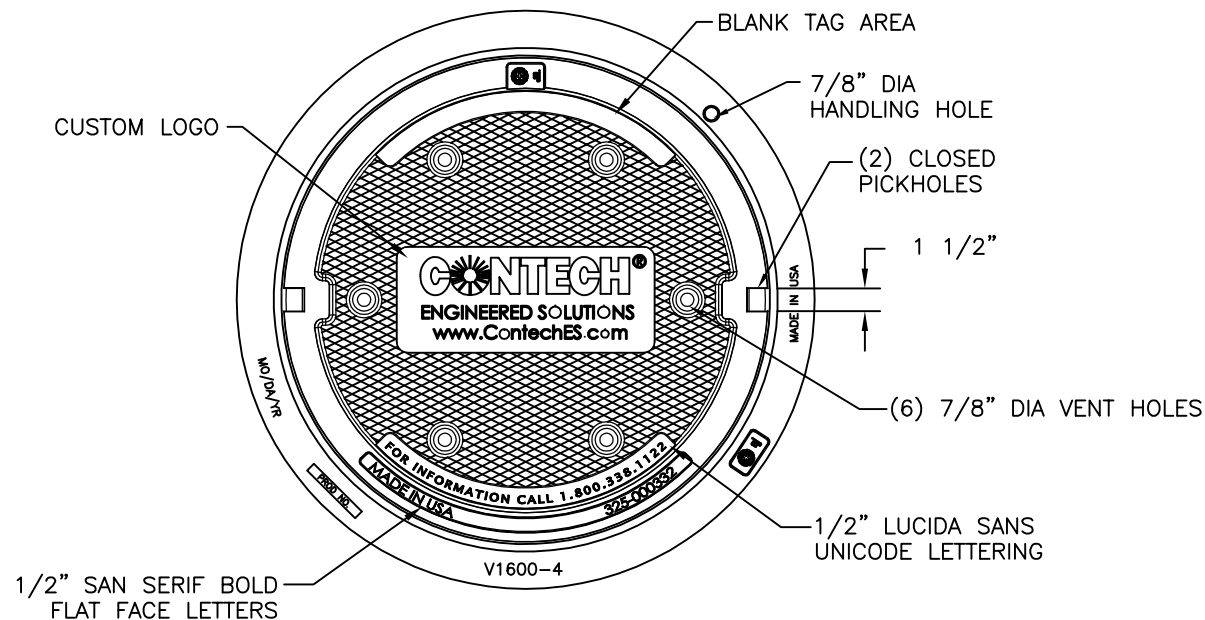
INSTALL BRACKET
TYPICAL OF 5

SUPPORT BRACKET LAYOUT PLAN VIEW

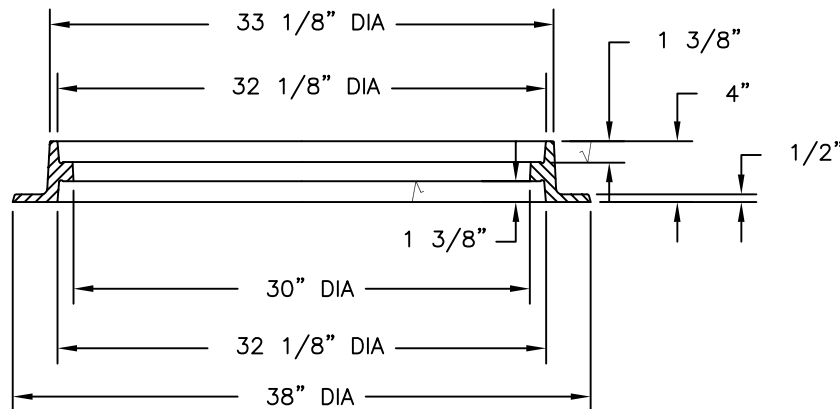
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 ENGINEERED SOLUTIONS LLC <i>A CONTECH COMPANY</i>		9100 Centre Pointe Dr., Suite 400, West Chester, OH 45069 800-338-1122 513-445-7000 513-445-7903 FAX
CASCADE separator®		FOR PATENT INFORMATION, GO TO www.cascade.com
DATE: _____		
DESIGNED: _____	DRAWN: _____	
CHECKED: _____	APPROVED: _____	
PROJECT NO.: _____	SEQUENCE NO.: _____	
SHEET: _____ OF _____		

1810B4 V1600-4 Assembly



COVER SECTION



FRAME SECTION

Product Number

41600483

Design Features

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

00180783
41600410

Drawing Revision

05/09/2007 Designer: SMH
6/26/2017 Revised By: DAE

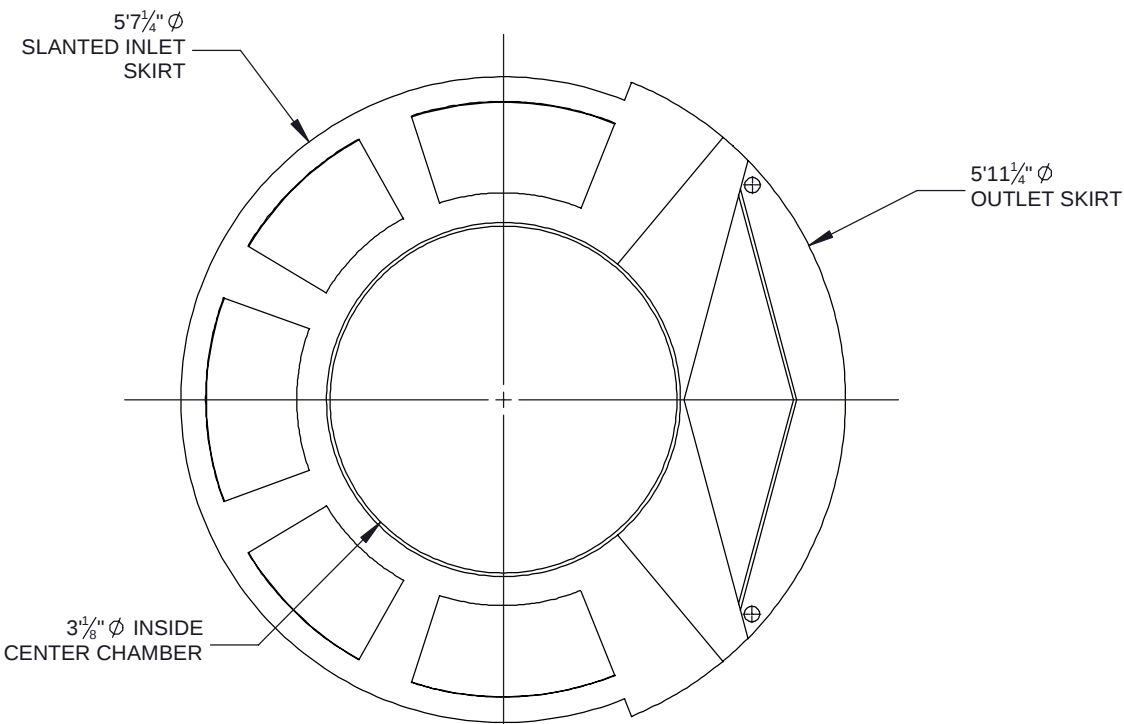
Disclaimer

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

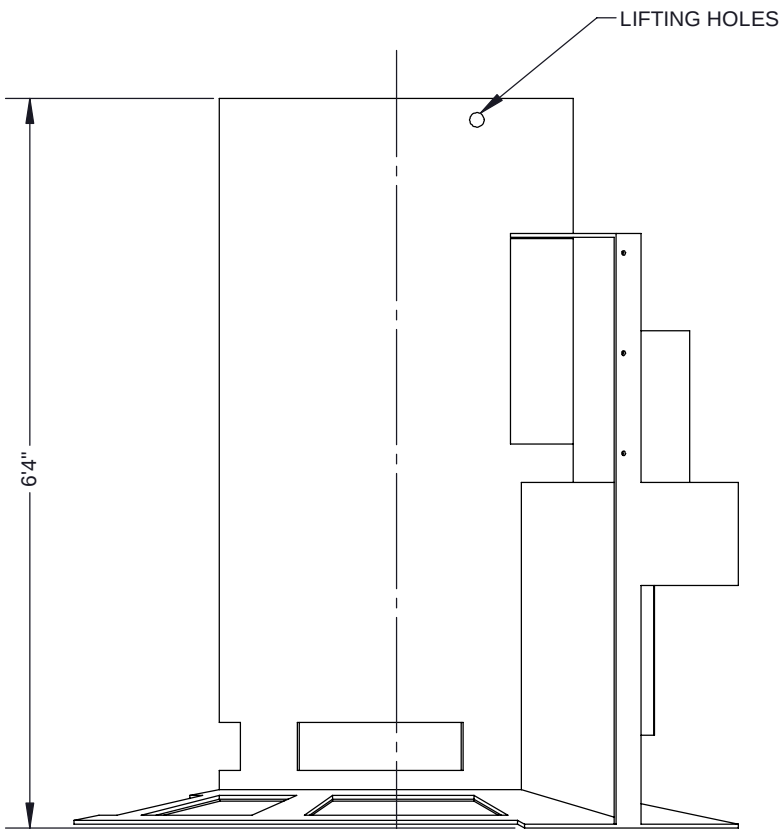
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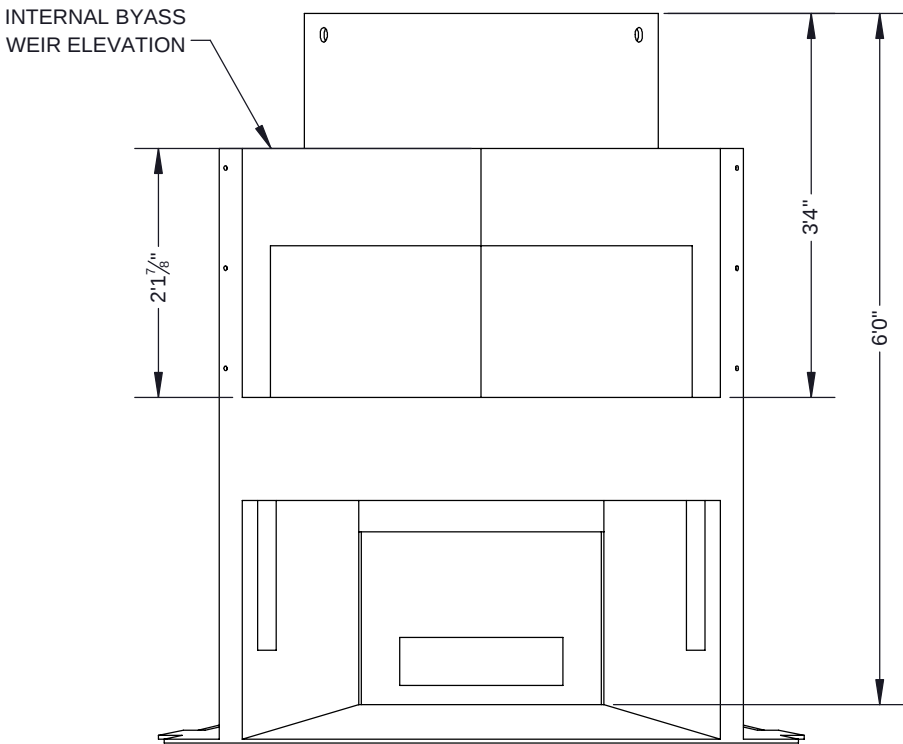
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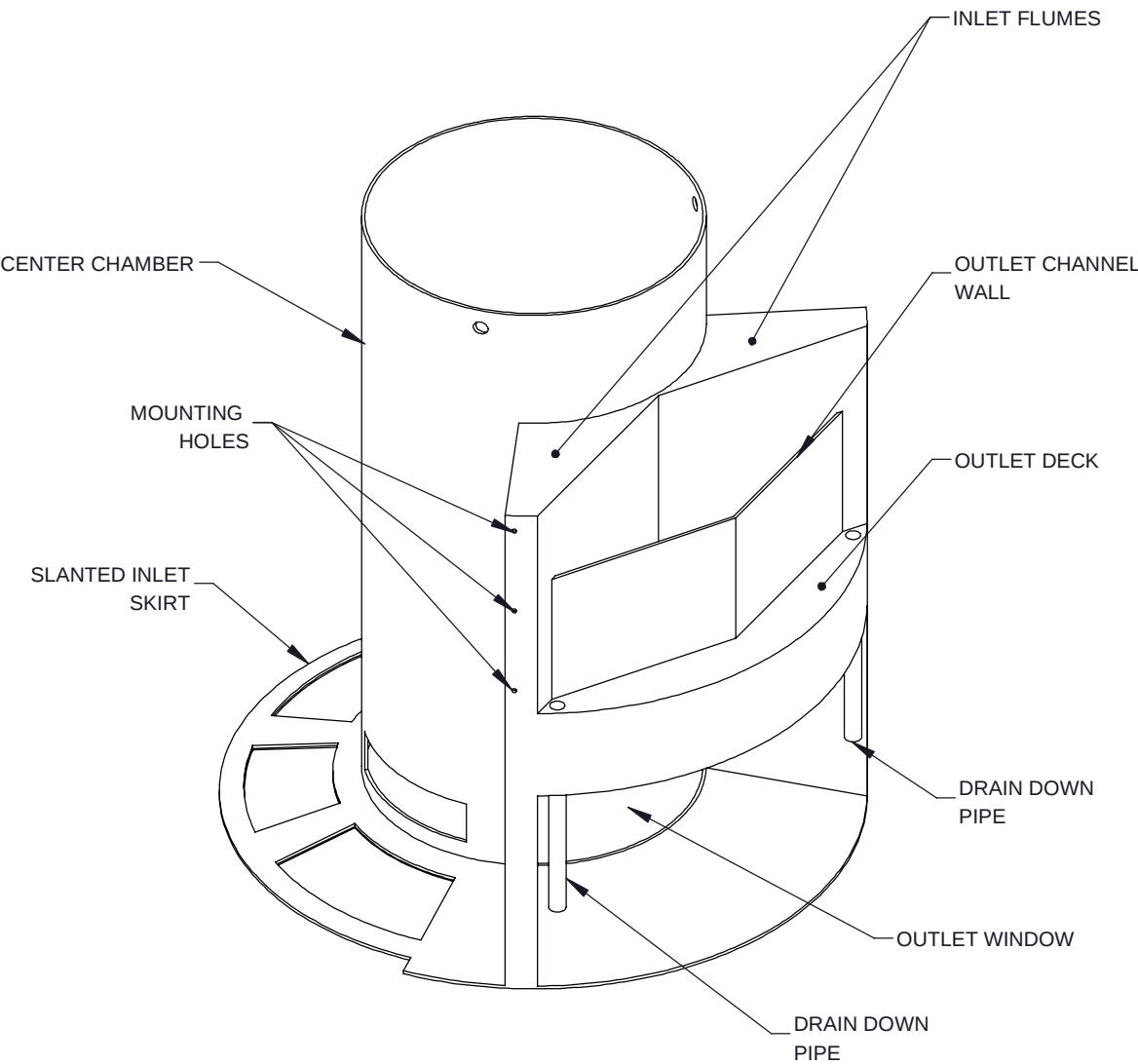
PLAN VIEW



ELEVATION VIEW



ELEVATION VIEW: OUTLET SIDE



ISOMETRIC VIEW

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

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CASCADE
separator™

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REFERENCE DETAIL
INTERNALS CS-6
CASCADE SEPARATOR

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

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

PART NUMBER: 325-003951		
APPROVED BY: M. BROOKS	DRAWN BY: J. BELL	
APPROVED BY DATE: 2021.10.21	DRAWN BY DATE: 2021.09.15	REV: B
SCALE: N/A	SHEET 1 OF 1	