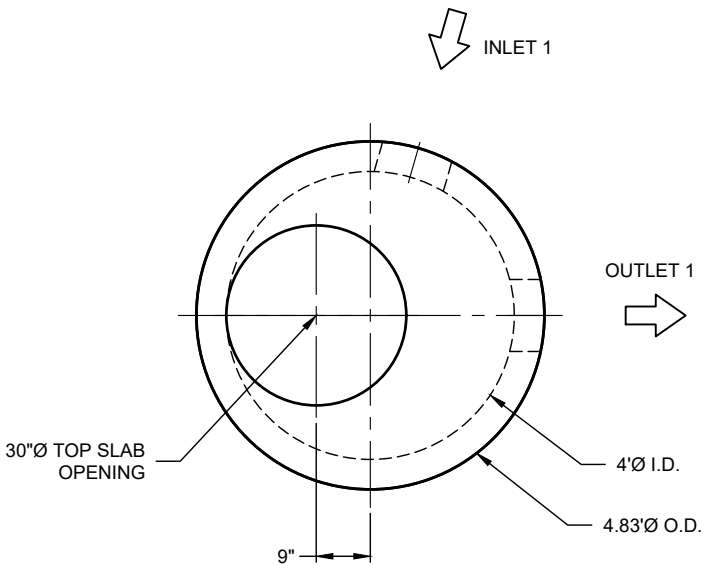
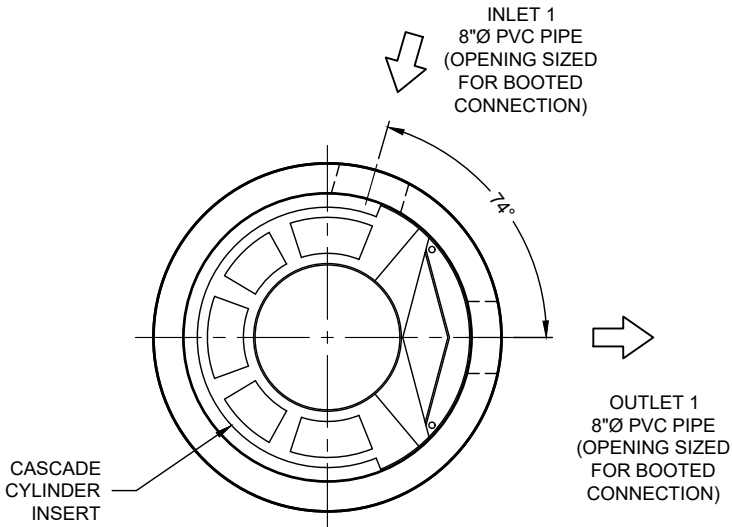


26-2801 900640 QwikTrip No. 1

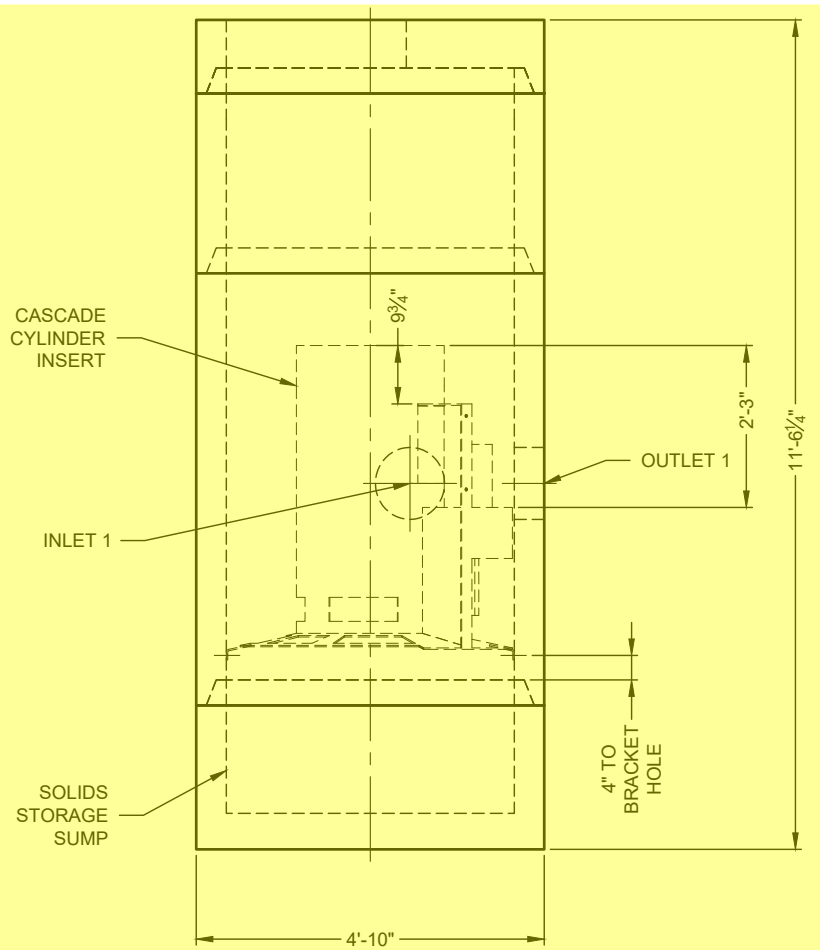


10-CS-4
ICAST to fully pre-assemble internal materials prior to shipment

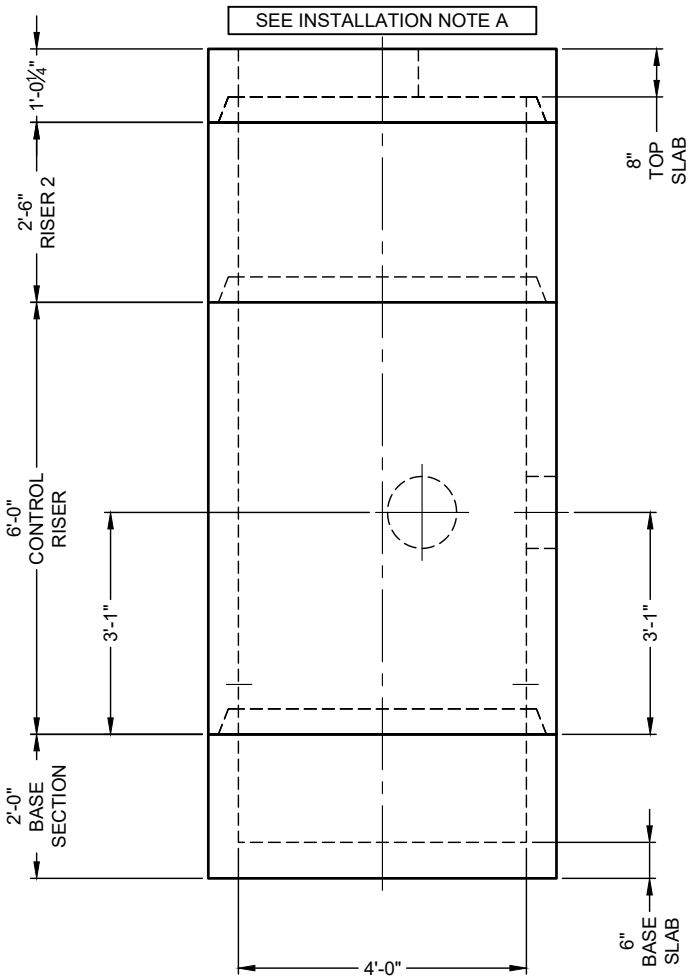
PLAN VIEW
INTERNALS NOT SHOWN



PLAN VIEW FOR PIPE ORIENTATION
TOP SLAB NOT SHOWN



ELEVATION VIEW



PRECAST COMPONENTS
INTERNALS NOT SHOWN

ICAST
5888 / 757440
LAYOUT 1A
5.80TS

CONTECH
FABRICATION
DRAWING

MATERIAL LIST

COUNT	DESCRIPTION	PART NUMBER	PROVIDED BY	INSTALLED BY
1	CS-4 CYLINDER INSERT, STD.	325-003949	CONTECH	PRECASTER
4	CS-4 ALUMINUM INSTALLATION BRACKETS	325-003956	CONTECH	PRECASTER
1	CS-4 HARDWARE KIT	325-003955	CONTECH	PRECASTER
2	BOOT FOR 8"Ø PVC PIPE		PRECASTER	PRECASTER
1	SEALANT FOR JOINTS		PRECASTER	CONTRACTOR
1	30"Ø X 4" FRAME AND COVER, EJ #41600483, OR EQUIV.	325-000332	CONTECH	CONTRACTOR

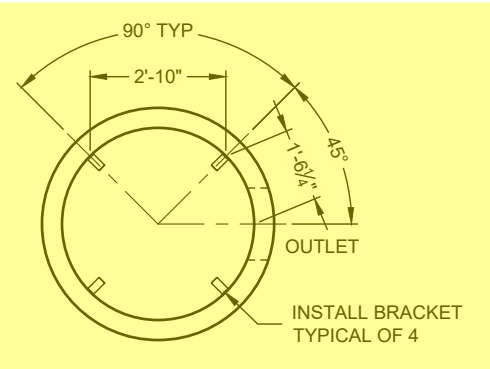
- GENERAL NOTES
- DESIGN LOADING - AASHTO HS-20
 - ALL PRECAST CONCRETE MANUFACTURED PARTS SHALL CONFORM TO ASTM C-478, WITH MINIMUM CONCRETE STRENGTH OF 4000 PSI AT 28 DAYS
 - JOINT SEALANT SHALL CONFORM TO ASTM C-990 OR ASTM C-443
 - GROUND WATER ELEVATION ASSUMED AT OUTLET INVERT
 - MANUFACTURING TOLERANCE = +/- 1/2-INCH
 - SOME HIDDEN LINES MAY BE OMITTED FOR CLARITY

- INSTALLATION NOTES
- PRECASTER TO SHIP ACCESS CASTINGS WITH STRUCTURE
 - REFER TO CONTECH ASSEMBLY INSTRUCTIONS FOR ADDITIONAL INFORMATION.
 - PRECASTER TO INSTALL INTERNAL COMPONENTS PRIOR TO SHIPPING UNLESS INSTRUCTED OTHERWISE BY CONTECH
 - PIPE OPENINGS SHALL BE STENCILED "INLET" OR "OUTLET" AS APPROPRIATE
 - APPLYING ALIGNMENT MARKS ON ALL PIECES OF MULTIPLE PIECE ASSEMBLIES IS ENCOURAGED
 - IF STRUCTURE IS DELIVERED IN MULTIPLE SECTIONS, EACH PIECE SHALL BE LABELED WITH THE CONTECH PROJECT NUMBER, SEQUENCE NUMBER AND SITE DESIGNATION

SITE INFORMATION
RIM ELEV. = 609.6+/-
TOP OF STRUCTURE = 608.77
INLET PIPE 1 INVERT ELEV. = 602.00
INLET PIPE 1 DIAMETER AND MATERIAL = 8"Ø PVC
OUTLET PIPE INVERT ELEV. = 602.00
OUTLET PIPE DIAMETER AND MATERIAL = 8"Ø PVC
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 597.25

STRUCTURE WEIGHT
APPROXIMATE HEAVIEST PICK = 5500 LBS.
STRUCTURE IS DELIVERED IN 4 PIECES

TOP SLAB = 2000 LBS.
RISER 2 = 2500 LBS. LBS.
CONTROL RISER = 5500 LBS.
BASE SECTION = 3000 LBS.



SUPPORT BRACKET LAYOUT PLAN VIEW

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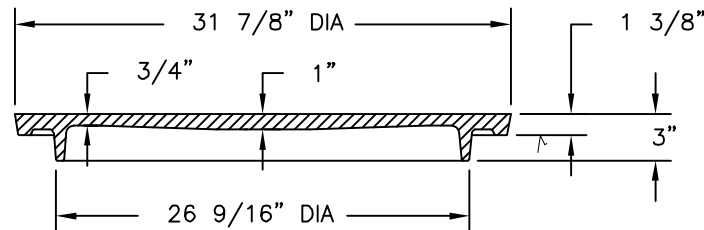
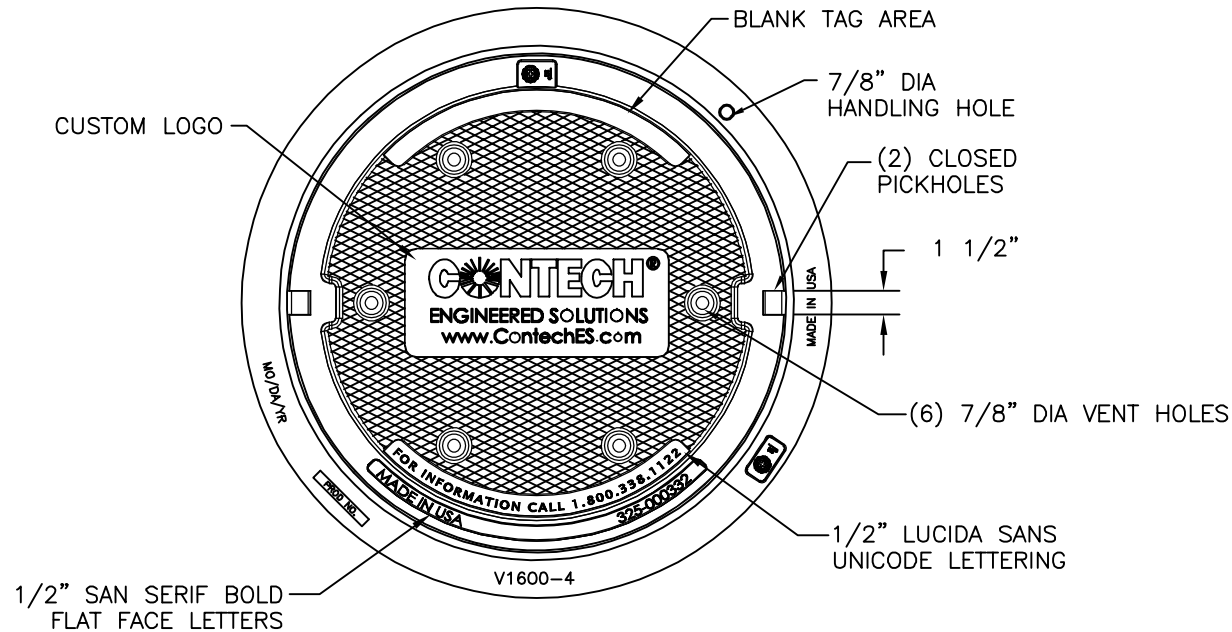
DATE:	05/22/26
DESIGNED:	LRP
CHECKED:	LJK
PROJECT No.:	900640
SEQUENCE No.:	010
SHEET:	1 OF 1

CS-4 - 900640-010
QUICKTRIP NO. 0680
SAINT LOUIS, MO
SITE DESIGNATION: HDS A10

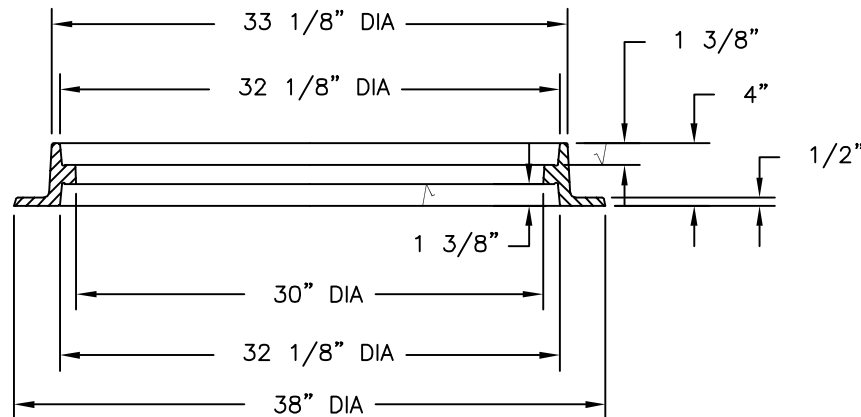
CONTECH
ENGINEERED SOLUTIONS LLC
A **quiktrip** company
910 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-345-7000 513-345-7803 FAX
CASCADE
separator®
FOR PATENT INFORMATION, GO TO www.ContechES.com/IP

26-2801 900640 QwikTrip No. 1

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
- H25
- Country of Origin: USA

Major Components

00180783
41600410

Drawing Revision

5/9/2007 Designer: SMH
2/14/2022 Revised By: DAE

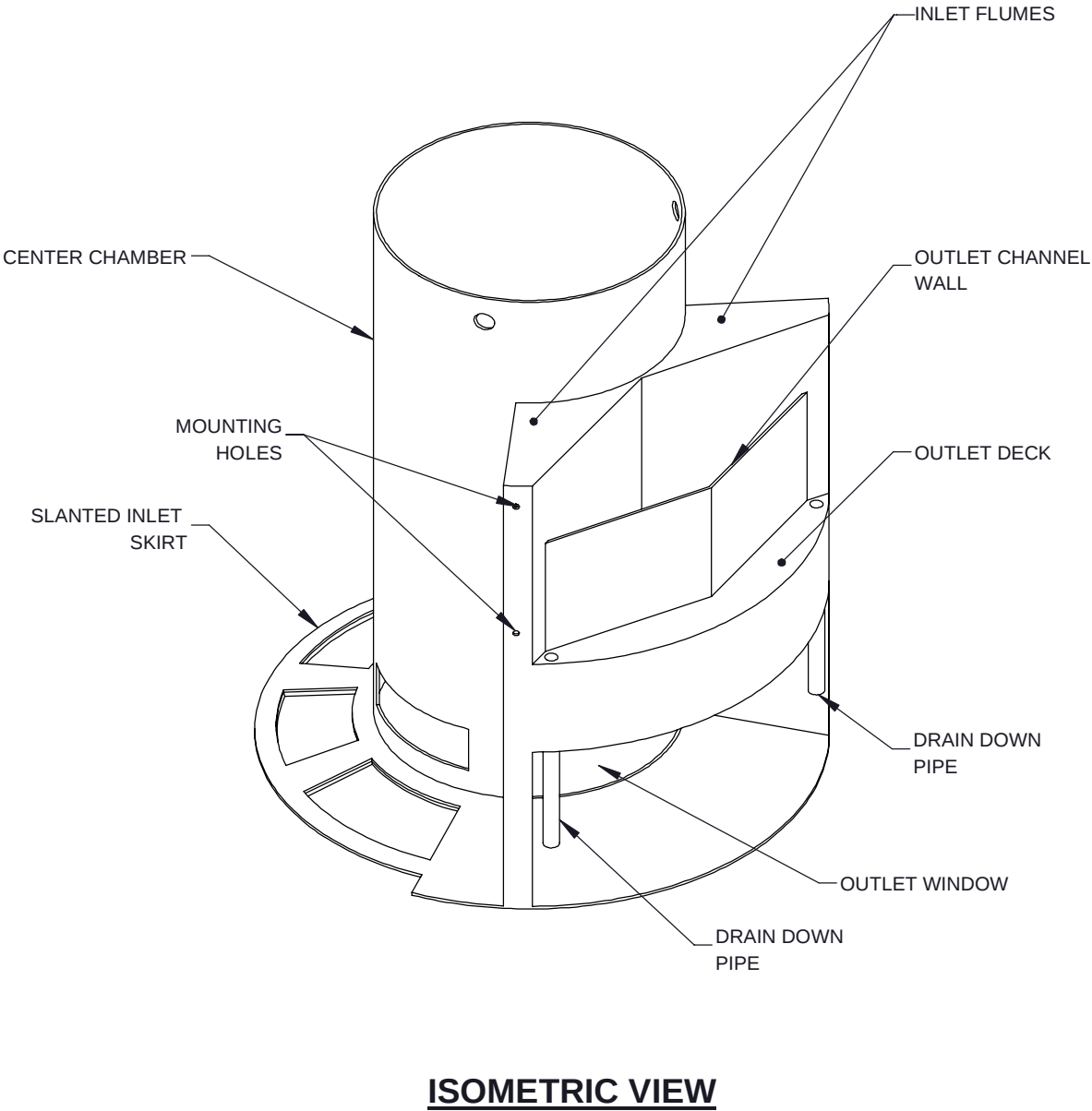
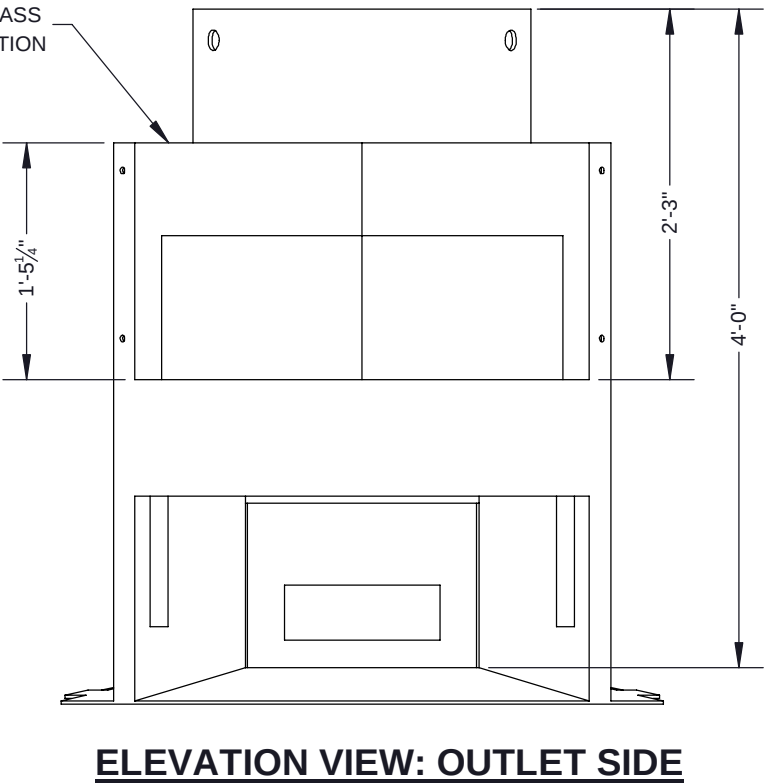
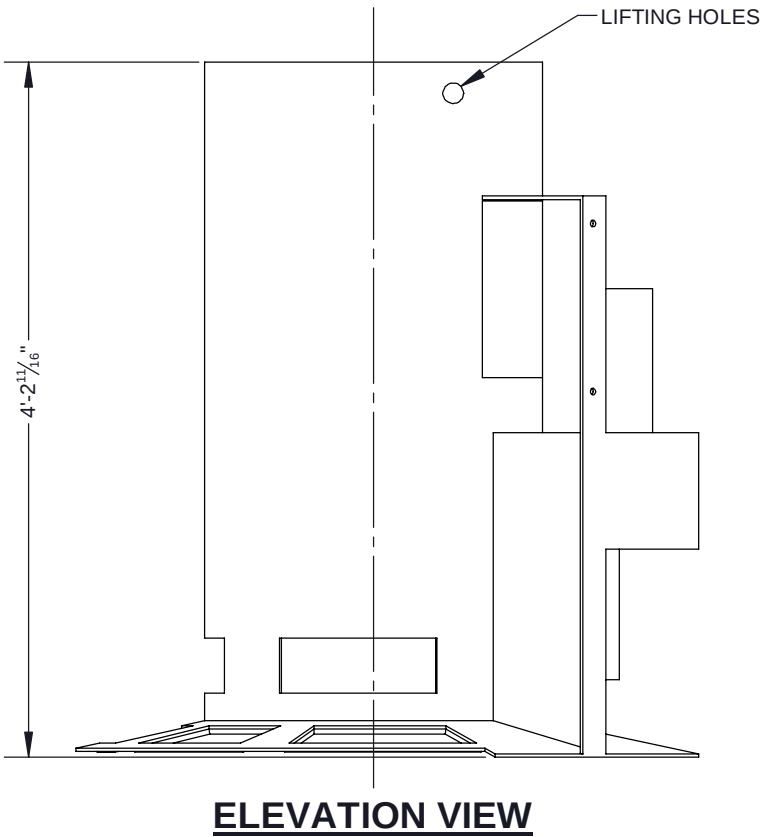
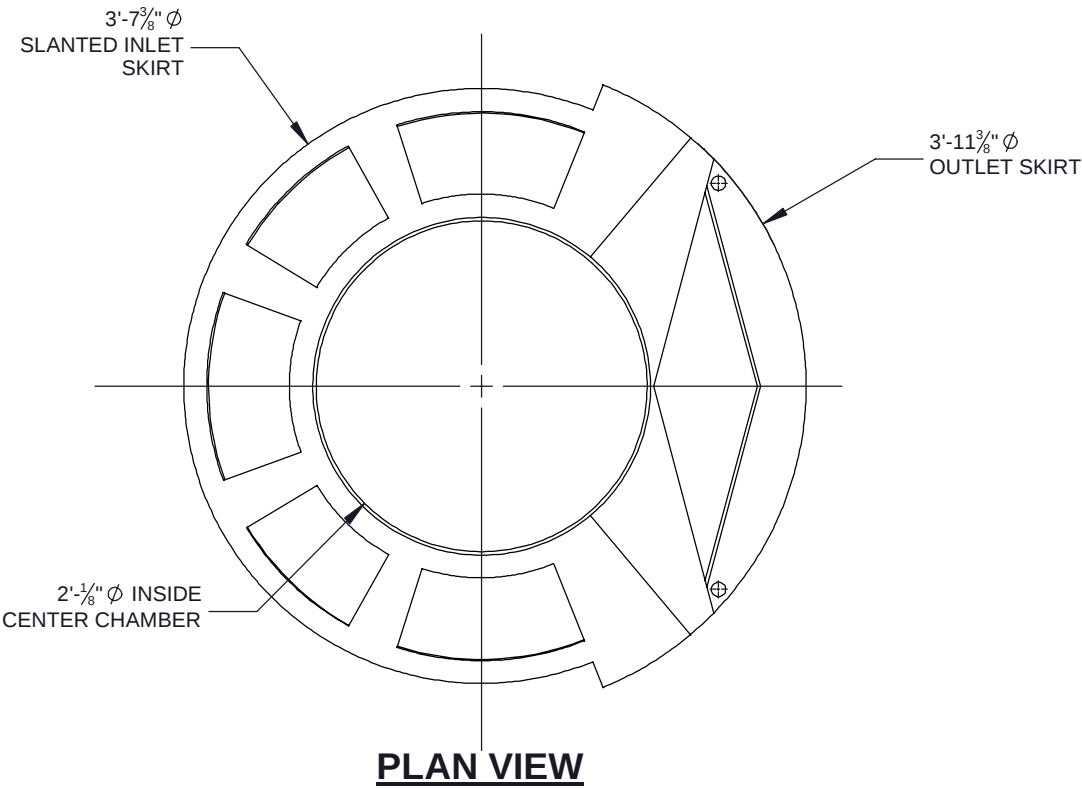
Disclaimer

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

800 626 4653
ejco.com



NOTES:
1. SEE CASCADE SEPARATOR INSTALLATION GUIDE FOR ADDITIONAL INFORMATION

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REFERENCE DETAIL
INTERNALS CS-4
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: 325-003949		
APPROVED BY: M. BROOKS	DRAWN BY: M. BROOKS	
APPROVED BY DATE: 2021.10.21	DRAWN BY DATE: 2021.09.14	REV: B
SCALE: N/A	SHEET 1 OF 1	