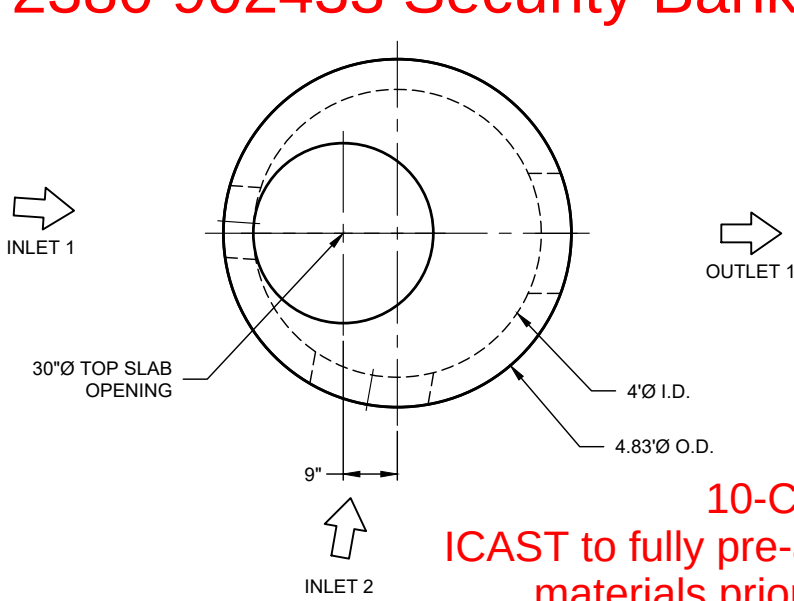
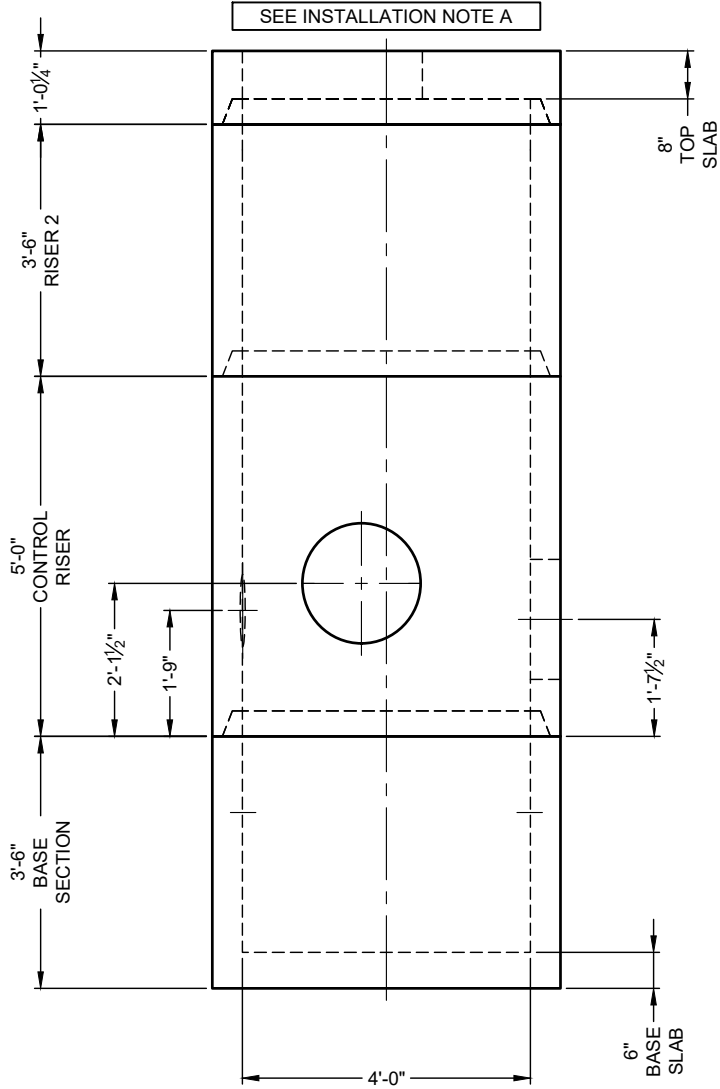
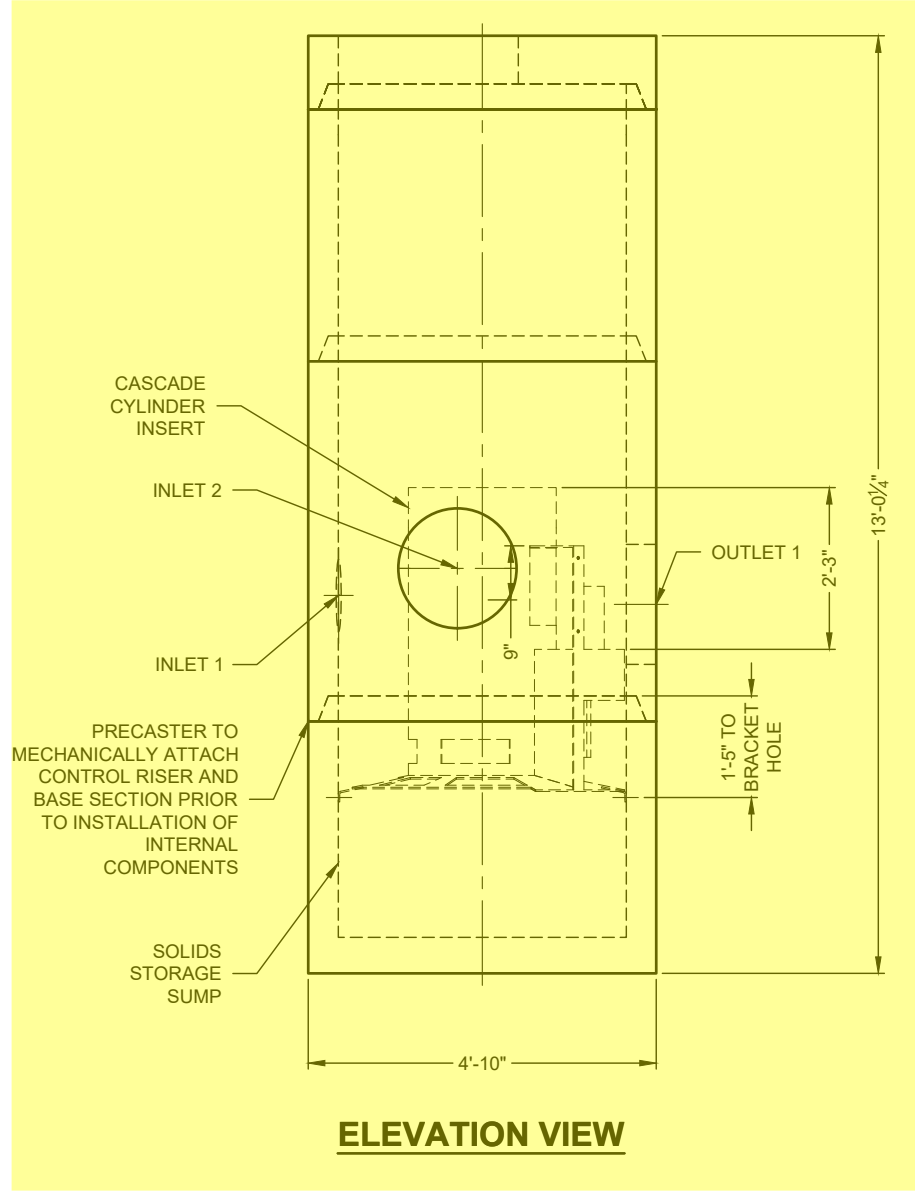
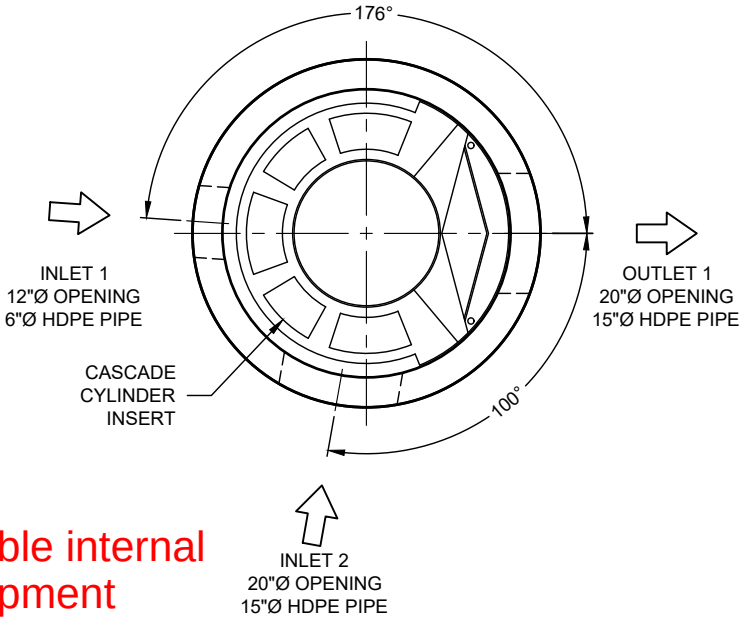


26-2380 902433 Security Bank



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



INTERNAL NOT SHOWN

ICAST
5888 / 757440
LAYOUT 1A
6.34TS

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
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

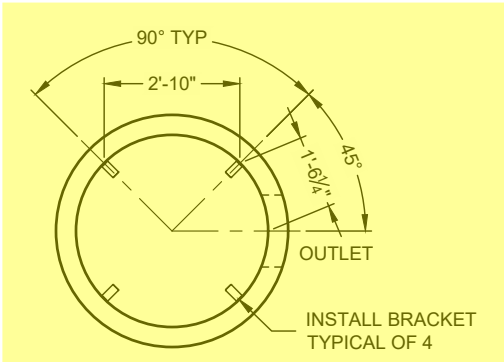
SITE INFORMATION

RIM ELEV. = 1051.06+/-
TOP OF STRUCTURE = 1050.65
INLET PIPE 1 INVERT ELEV. = 1042.63
INLET PIPE 1 DIAMETER AND MATERIAL = 6"Ø HDPE
INLET PIPE 2 INVERT ELEV. = 1042.63
INLET PIPE 2 DIAMETER AND MATERIAL = 15"Ø HDPE
OUTLET PIPE INVERT ELEV. = 1042.13
OUTLET PIPE DIAMETER AND MATERIAL = 15"Ø HDPE
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 1037.63

STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 8500 LBS.
STRUCTURE IS DELIVERED IN 3 PIECES

TOP SLAB = 2000 LBS.
RISER 2 = 3500 LBS. LBS.
CONTROL RISER = MECHANICALLY ATTACHED TO BASE SECTION
BASE SECTION = 8500 LBS.



CS-4 - 902433-010
SECURITY BANK
KANSAS CITY, MO
SITE DESIGNATION: HDS

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

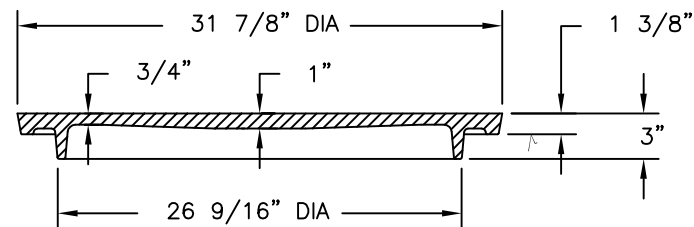
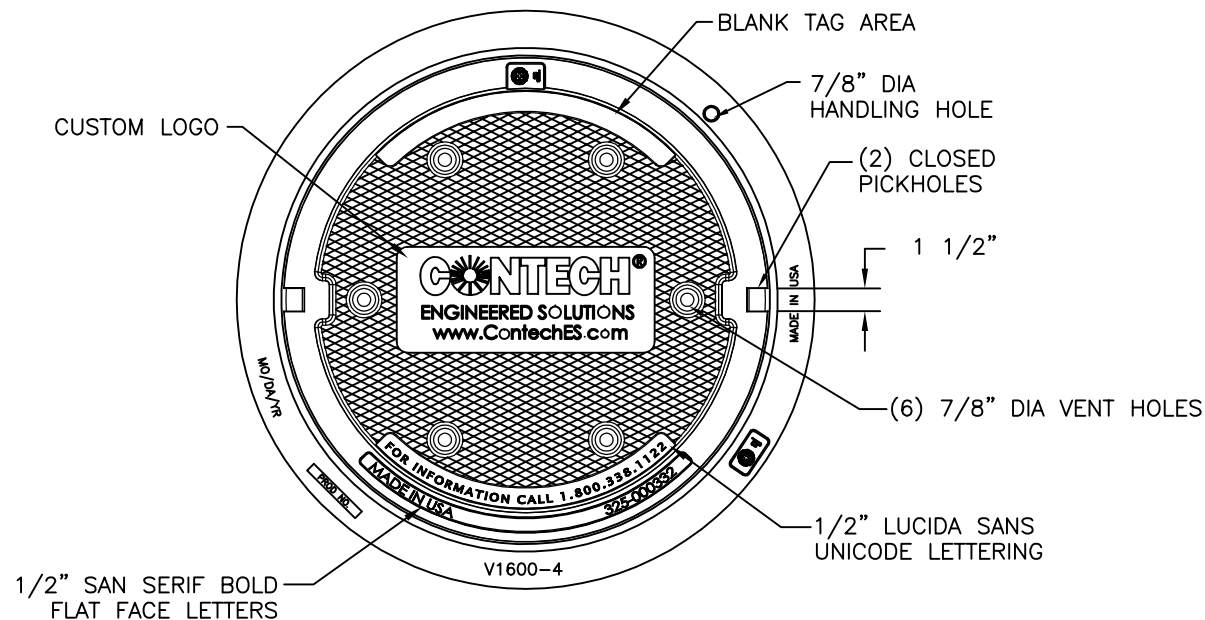
CASCADE
separator

DATE: 04/29/26
DESIGNED: LJK
DRAWN: LRP
CHECKED: LJK
APPROVED: LJK
PROJECT No.: 902433
SEQUENCE No.: 010
SHEET: 1 OF 1

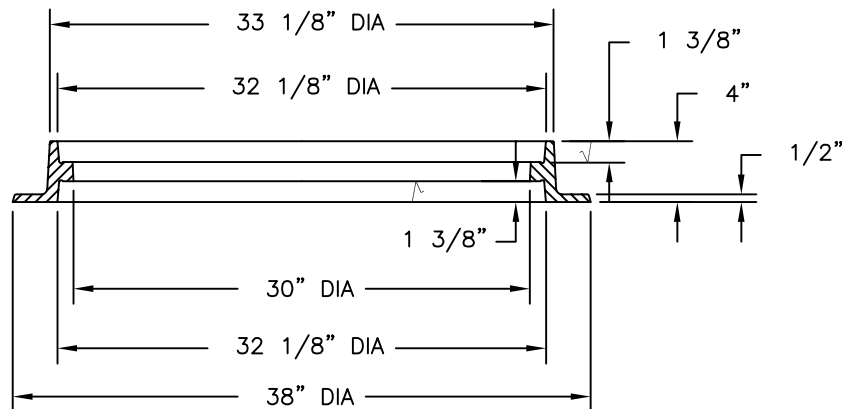
BY
DATE
MARK
REVISION DESCRIPTION

26-2380 902433 Security Bank

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

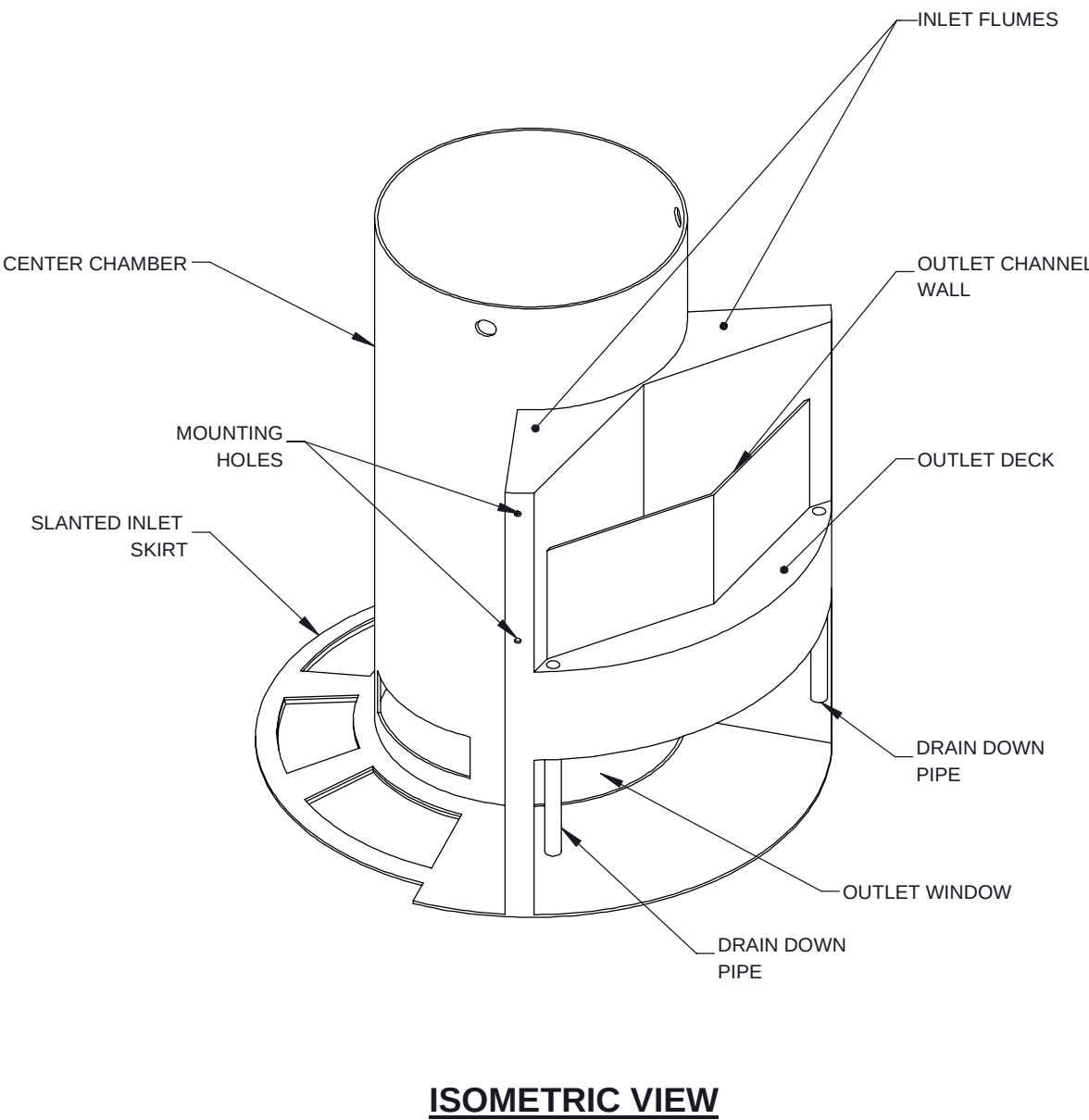
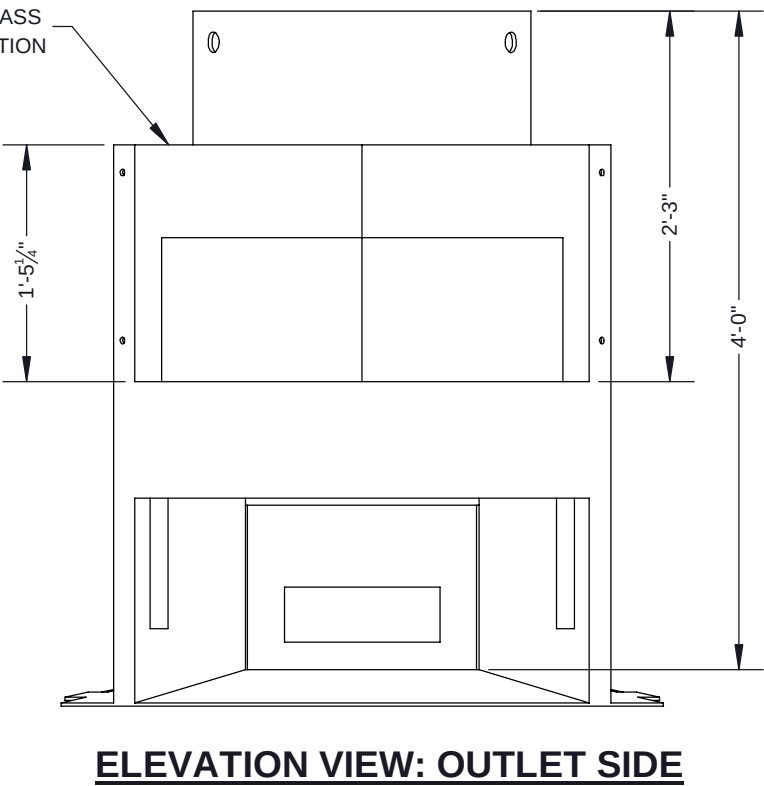
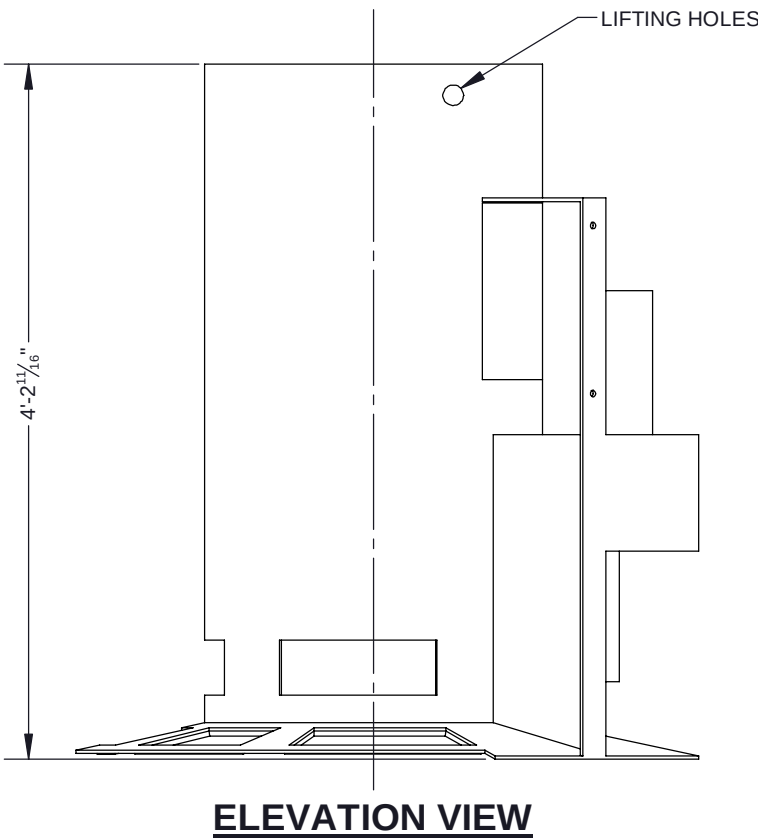
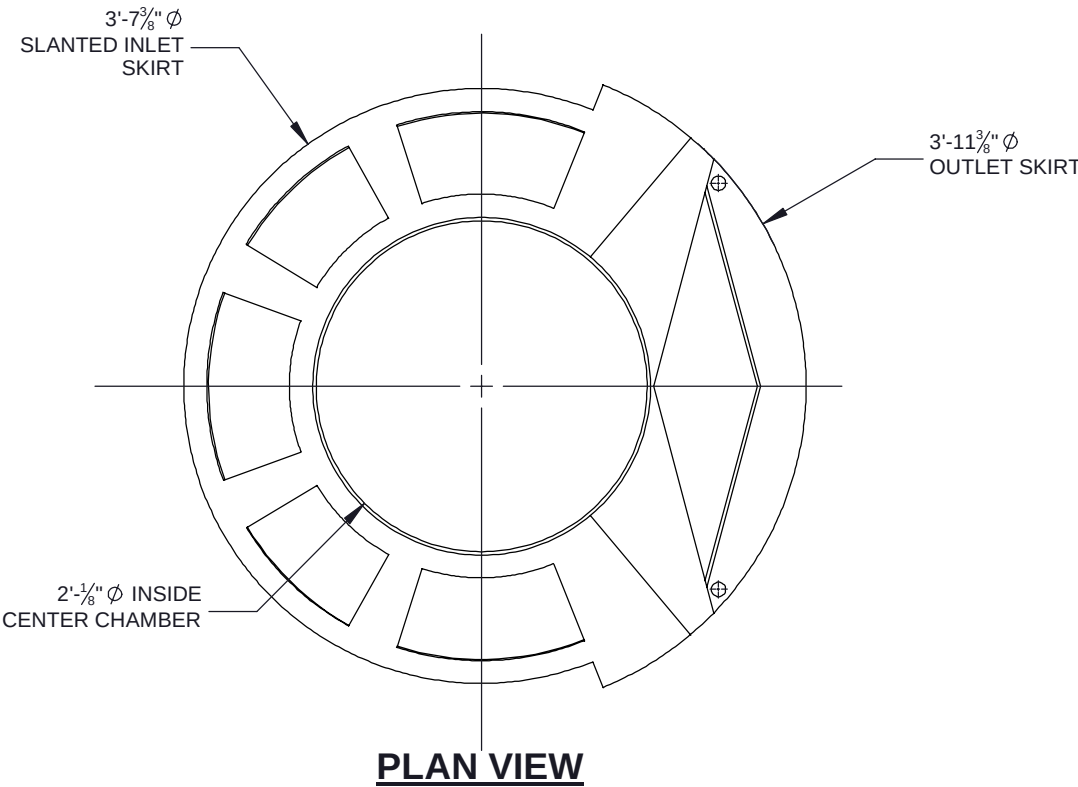
Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

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Contact

800 626 4653

ejco.com



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

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800-338-1122 513-645-7000 513-645-7993 FAX

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	