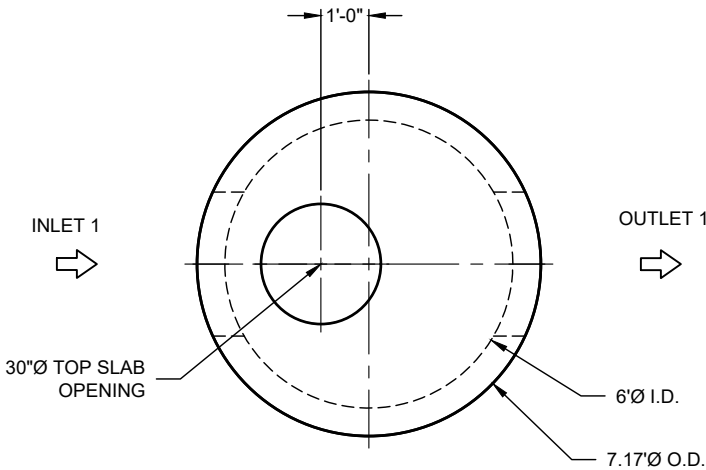
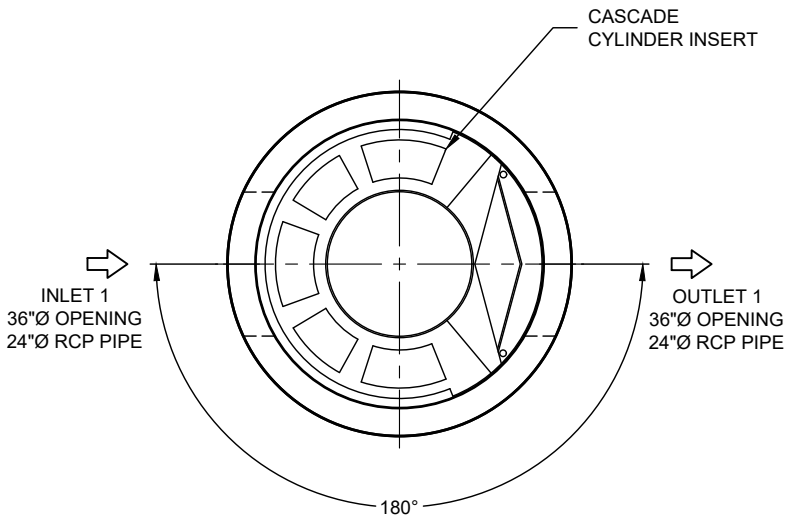




PLAN VIEW
INTERNALS NOT SHOWN



PLAN VIEW FOR PIPE ORIENTATION
TOP SLAB NOT SHOWN

MATERIAL LIST

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

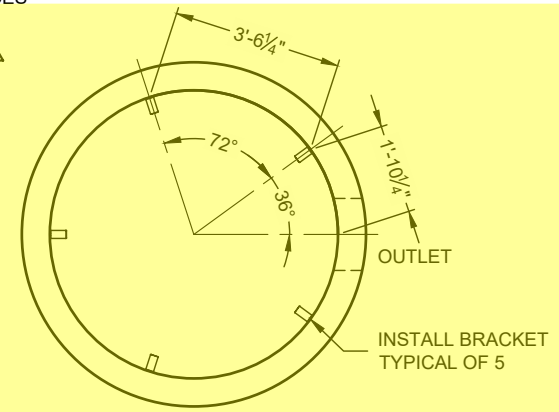
- GENERAL NOTES
- DESIGN LOADING - AASHTO HS-20
 - ALL PRECAST CONCRETE MANUFACTURED PARTS SHALL CONFORM TO ASTM C-478, WITH MINIMUM CONCRETE STRENGTH OF 4000 PSI AT 28 DAYS
 - JOINT SEALANT SHALL CONFORM TO ASTM C-990 OR ASTM C-443
 - GROUND WATER ELEVATION ASSUMED AT OUTLET INVERT
 - MANUFACTURING 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. = 483+/-
TOP OF STRUCTURE = 482.27
INLET PIPE 1 INVERT ELEV. = 476.86
INLET PIPE 1 DIAMETER AND MATERIAL = 24"Ø RCP
OUTLET PIPE INVERT ELEV. = 476.86
OUTLET PIPE DIAMETER AND MATERIAL = 24"Ø RCP
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 470.35

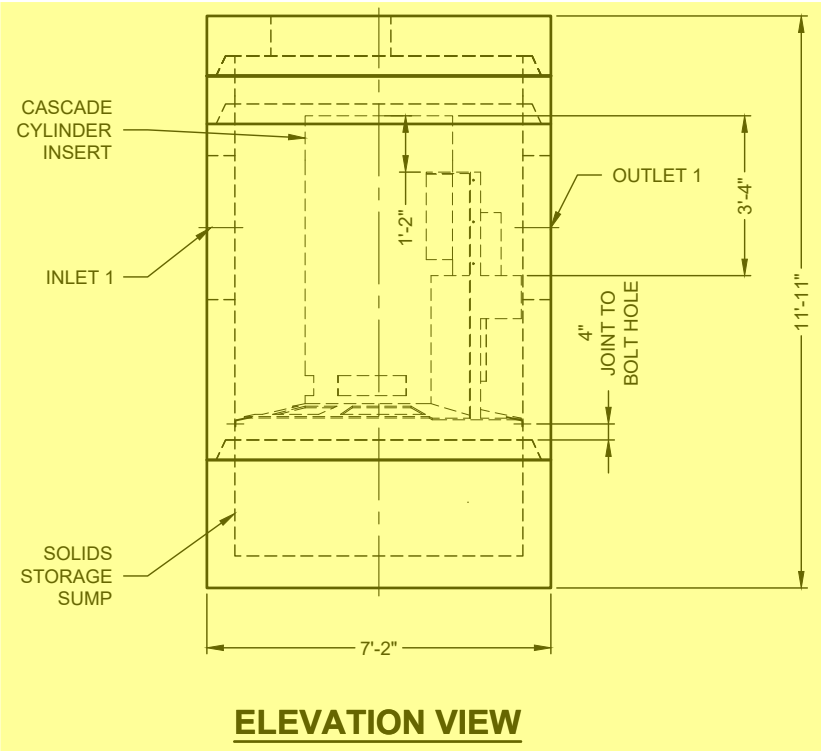
STRUCTURE WEIGHT
APPROXIMATE HEAVIEST PICK = 13500 LBS.
STRUCTURE IS DELIVERED IN 4 PIECES

TOP SLAB = 5000 LBS.
RISER 2 = 2000 LBS.
CONTROL RISER = 13500 LBS.
BASE SECTION = 8500 LBS.

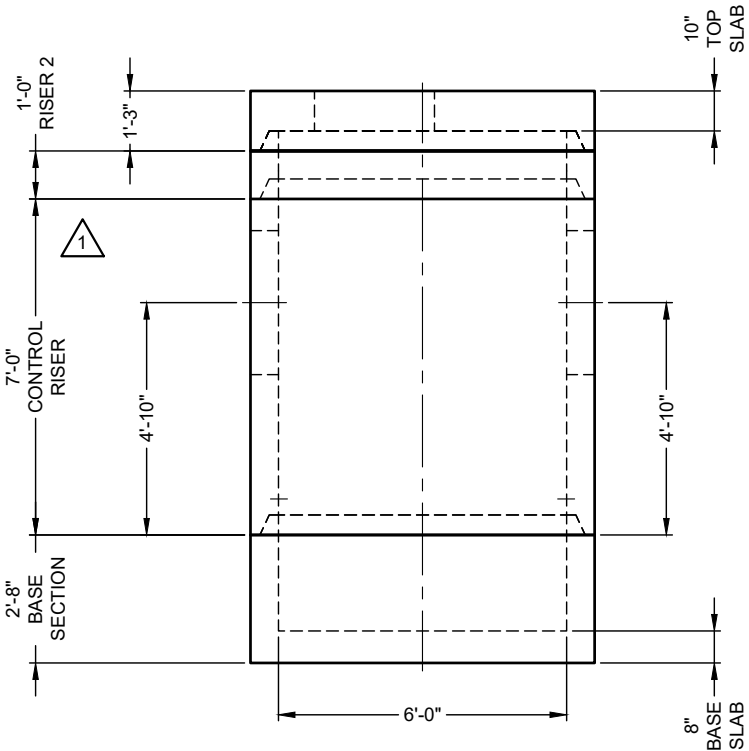


SUPPORT BRACKET LAYOUT PLAN VIEW

10-CS-6
ICAST to fully pre-assemble internal materials prior to shipment



ELEVATION VIEW



PRECAST COMPONENTS
INTERNALS NOT SHOWN

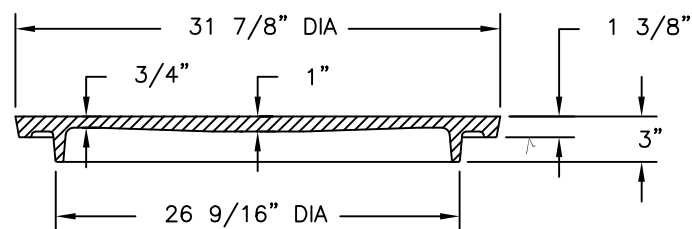
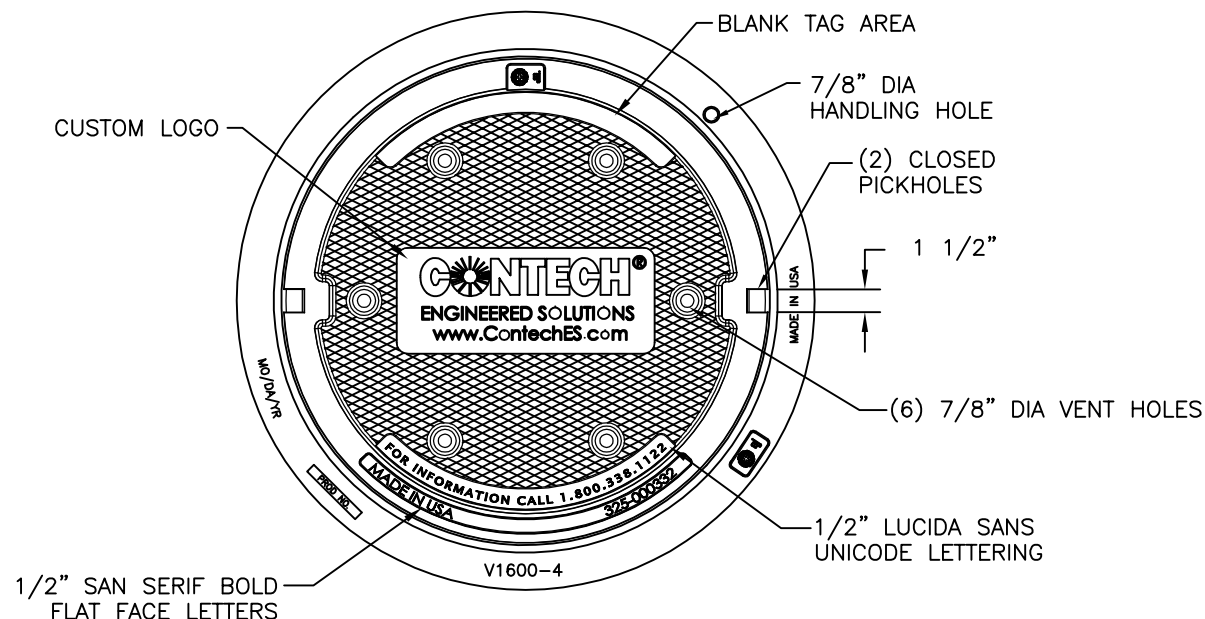
ICAST
5888 / 757440
LAYOUT 1A
13.04TS

CONTECH
FABRICATION
DRAWING

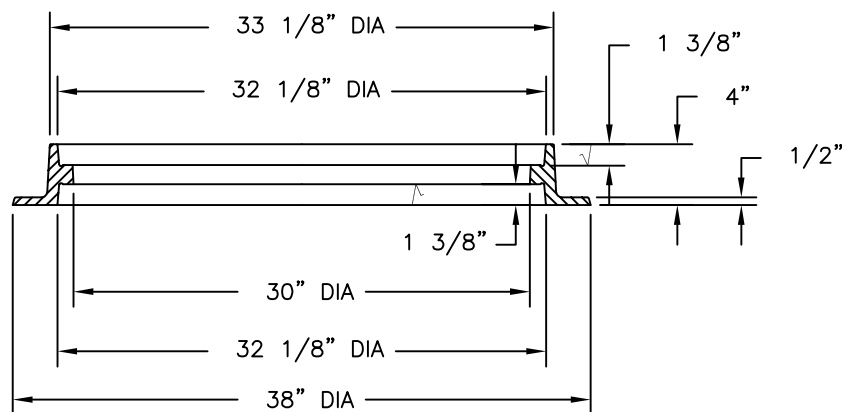
CS-6 - 904618-10
JEFFERSONVILLE HS PARKING
IMPROVEMENTS
JEFFERSONVILLE, IN
SITE DESIGNATION: 480

CONTECH
ENGINEERED SOLUTIONS LLC
A CONTECH COMPANY
910 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-345-7000 513-345-7893 FAX
CASCADE
separator
FOR PATENT INFORMATION, GO TO www.ContechES.com/EP

DATE:	6/9/2026
DESIGNED:	MDB
DRAWN:	MDB
CHECKED:	PNK
APPROVED:	MDB
PROJECT No.:	904618
SEQUENCE No.:	10
SHEET:	1 OF 1



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

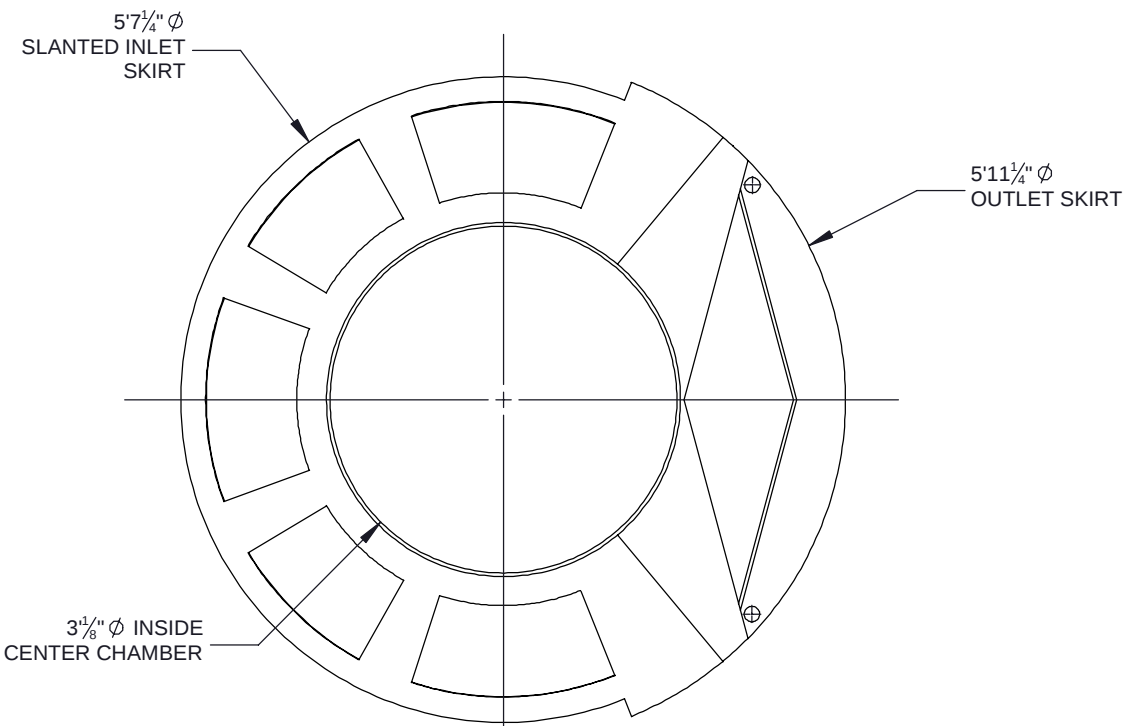
Weights (lbs./kg) dimensions (inches/mm)
and drawings provided for your guidance. We
reserve the right to modify specifications without
prior notice.

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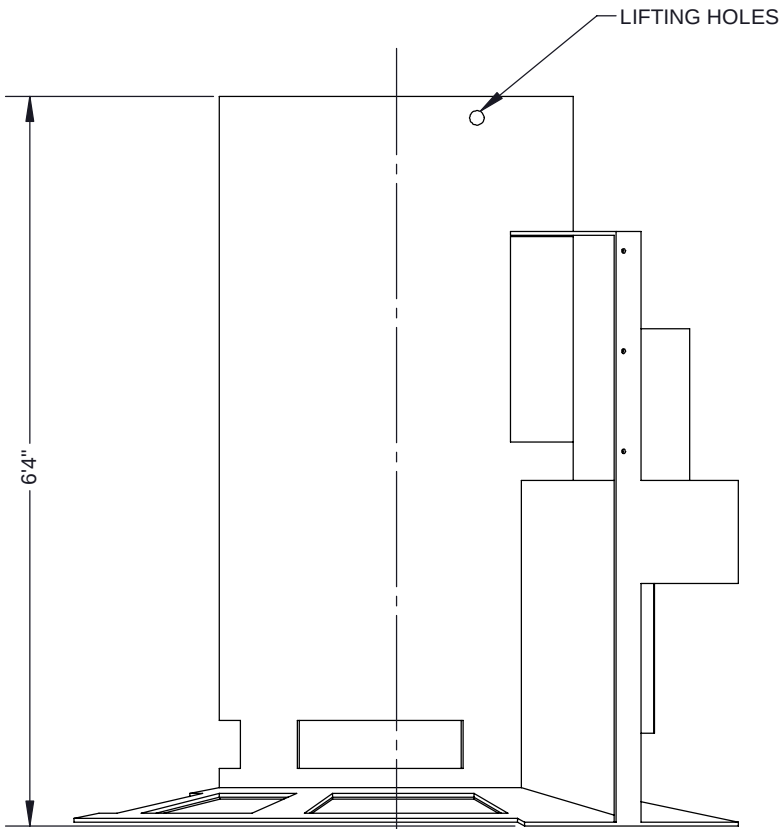
Contact

800 626 4653

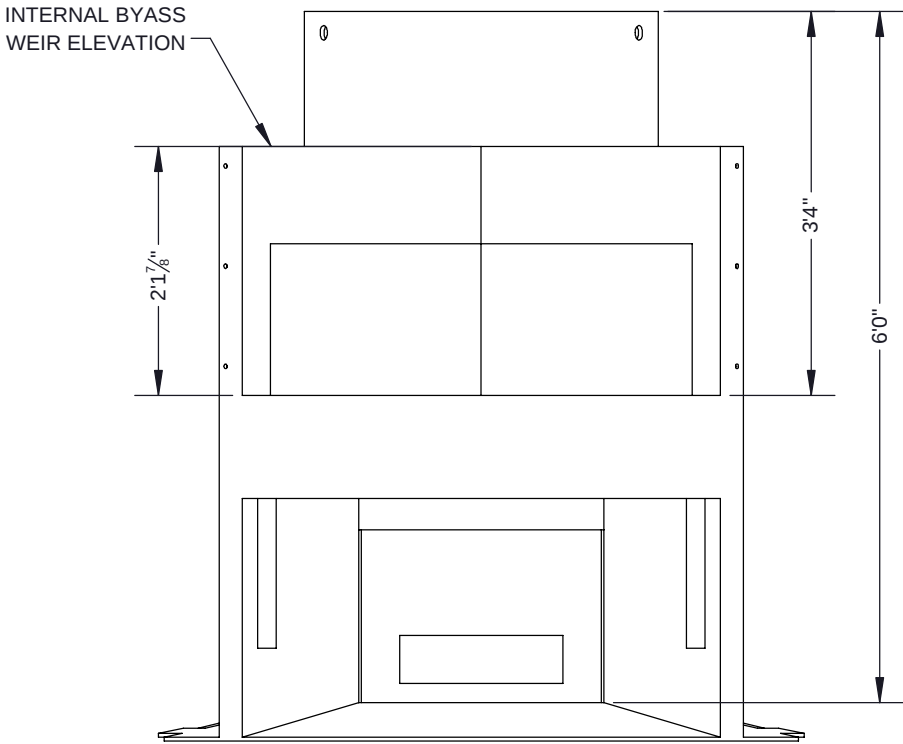
ejco.com



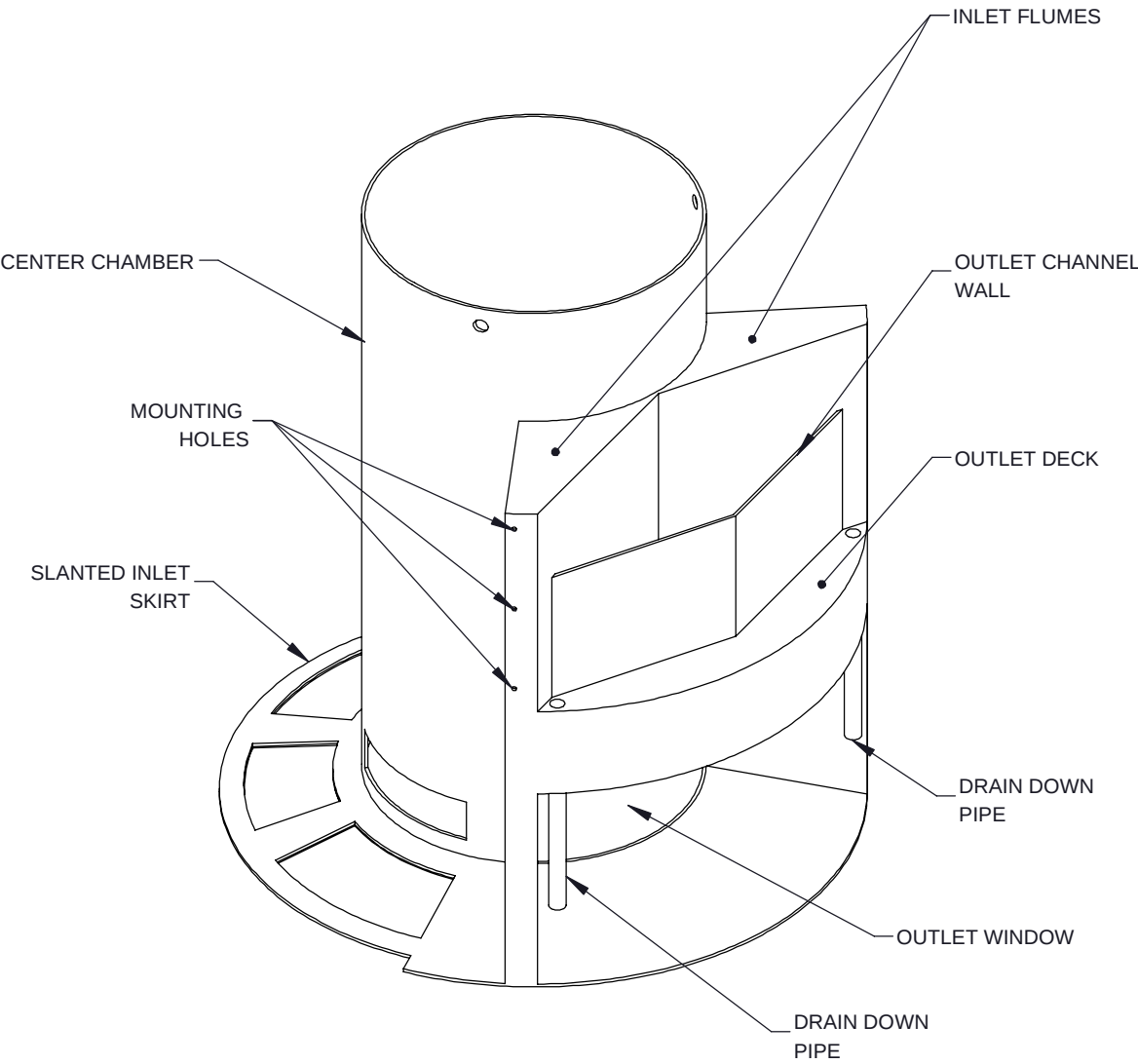
PLAN VIEW



ELEVATION VIEW



ELEVATION VIEW: OUTLET SIDE



ISOMETRIC VIEW

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

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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	