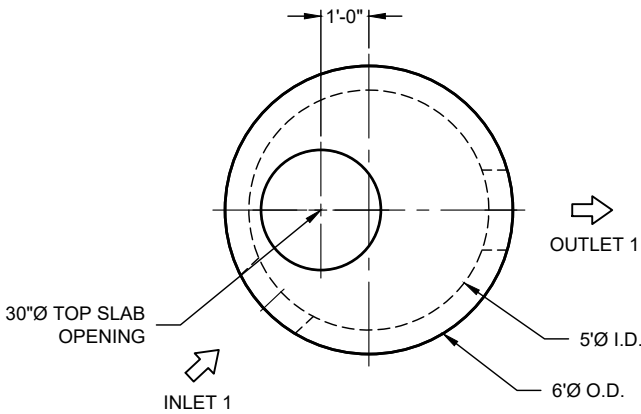
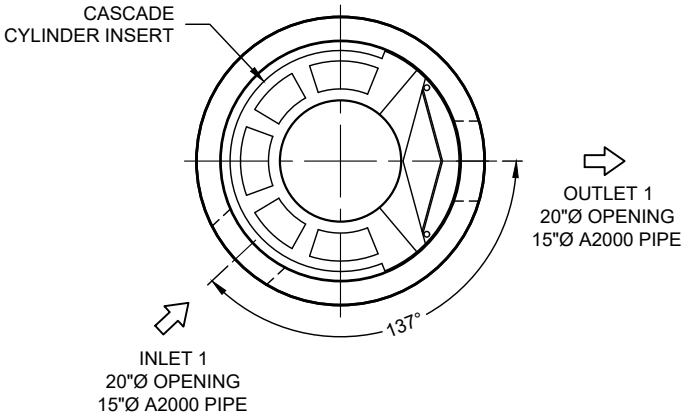




PLAN VIEW  
INTERNALS NOT SHOWN



PLAN VIEW FOR PIPE ORIENTATION  
TOP SLAB NOT SHOWN

MATERIAL LIST

| COUNT | DESCRIPTION                                        | PART NUMBER | PROVIDED BY | INSTALLED BY |
|-------|----------------------------------------------------|-------------|-------------|--------------|
| 1     | CS-5 CYLINDER INSERT, STD.                         | 325-003950  | CONTECH     | PRECASTER    |
| 4     | CS-5 ALUMINUM INSTALLATION BRACKETS                | 325-003956  | CONTECH     | PRECASTER    |
| 1     | CS-5 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

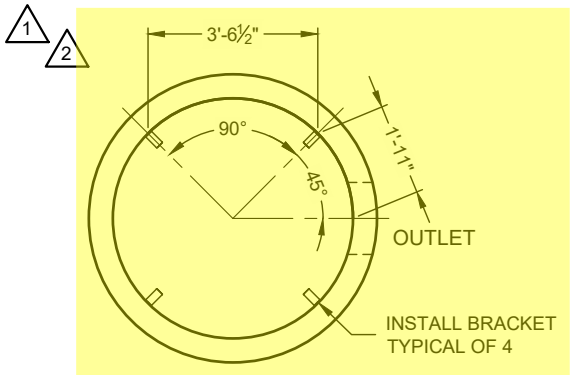
SITE INFORMATION

RIM ELEV. = 560.1+/-  
TOP OF STRUCTURE = 559.23  
INLET PIPE 1 INVERT ELEV. = 552.67  
INLET PIPE 1 DIAMETER AND MATERIAL = 15"Ø A2000  
OUTLET PIPE INVERT ELEV. = 552.67  
OUTLET PIPE DIAMETER AND MATERIAL = 15"Ø A2000  
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 547.16

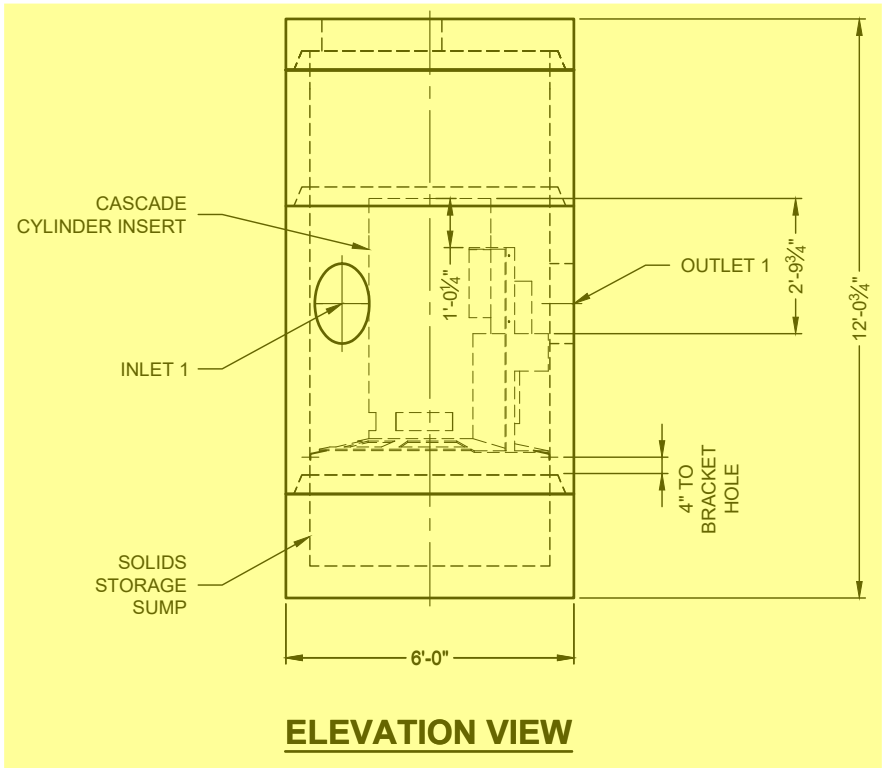
STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 8500 LBS.  
STRUCTURE IS DELIVERED IN 4 PIECES

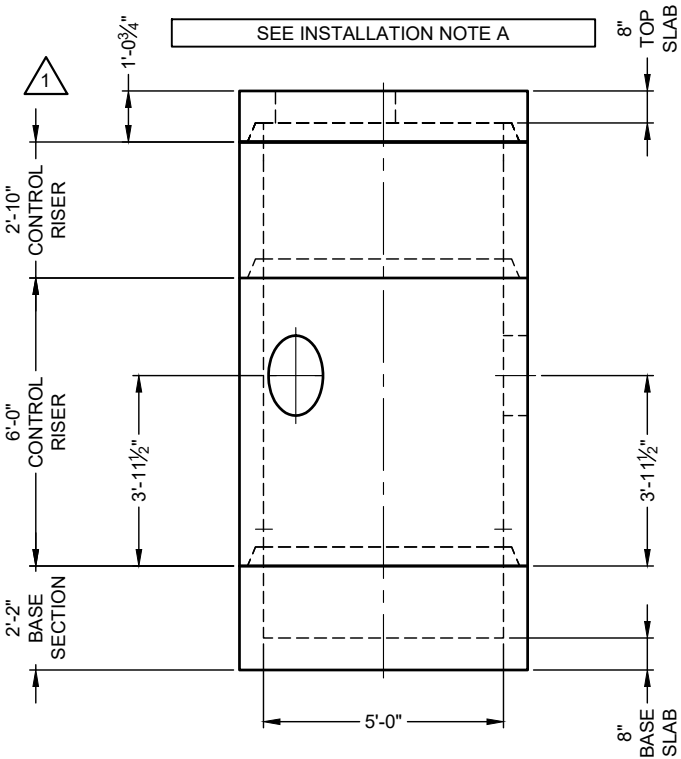
TOP SLAB = 3000 LBS.  
RISER 2 = 4000 LBS.  
CONTROL RISER = 8500 LBS.  
BASE SECTION = 5500 LBS.



SUPPORT BRACKET LAYOUT PLAN VIEW



ELEVATION VIEW



PRECAST COMPONENTS  
INTERNALS NOT SHOWN

ICAST  
5888 / 757440  
LAYOUT 1A  
9.37TS

CONTECH  
FABRICATION  
DRAWING

CS-5 - 906957-10  
AUSTIN TRI-HAWK AUTOMOTIVE  
AUSTIN, IN  
SITE DESIGNATION: #301.1

CONTECH  
ENGINEERED SOLUTIONS LLC  
A CONTECH COMPANY

910 Centre Pointe Dr., Suite 400, West Chester, OH 45069  
800-338-1122 513-345-7000 513-345-7803 FAX

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separator

FOR PATENT INFORMATION, GO TO www.contechES.com/IP

DATE:  
6/17/2026

DESIGNED:  
MDB

CHECKED:  
LJK

PROJECT No.:  
906957

SHEET:  
1

DRAWN:  
MDB

APPROVED:  
MDB

SEQUENCE No.:  
10

OF 1

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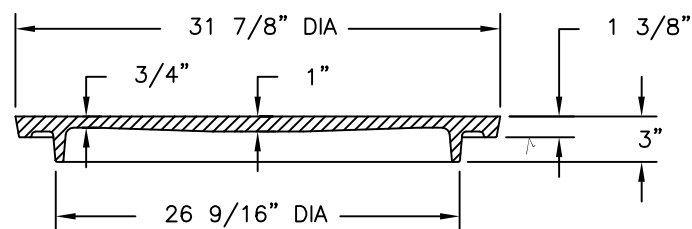
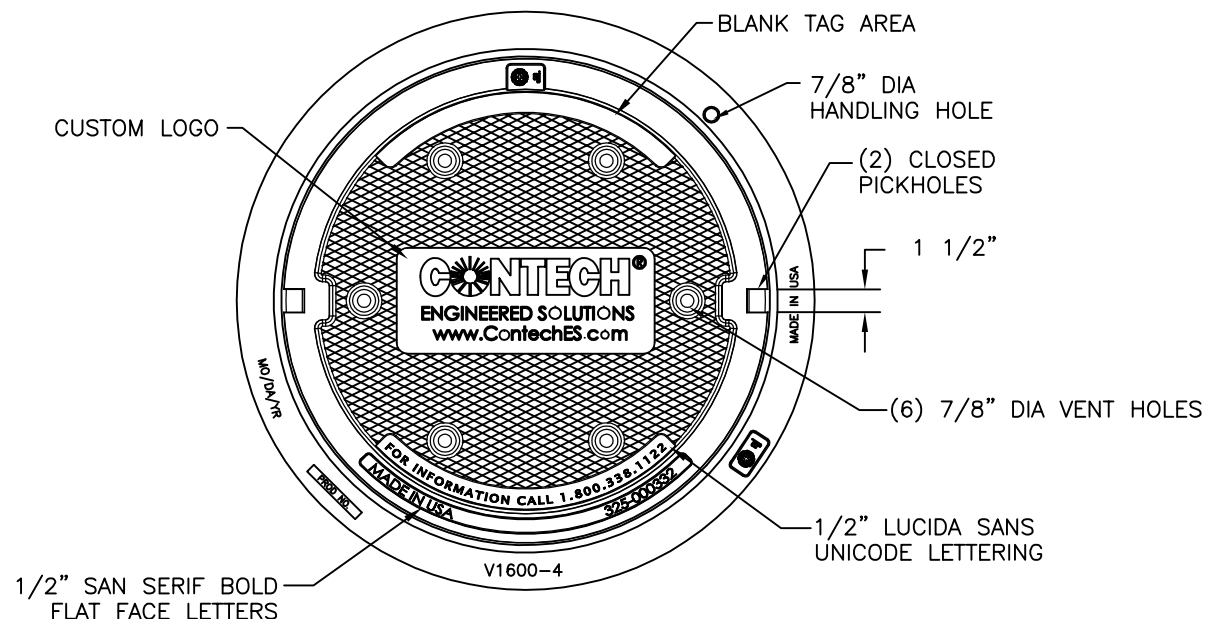
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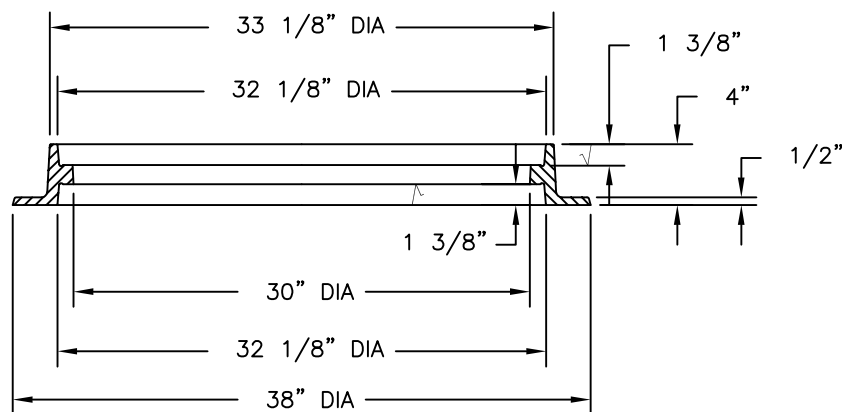
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# 26-3200 906957 Austin Tri-Hawk Auto

## 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

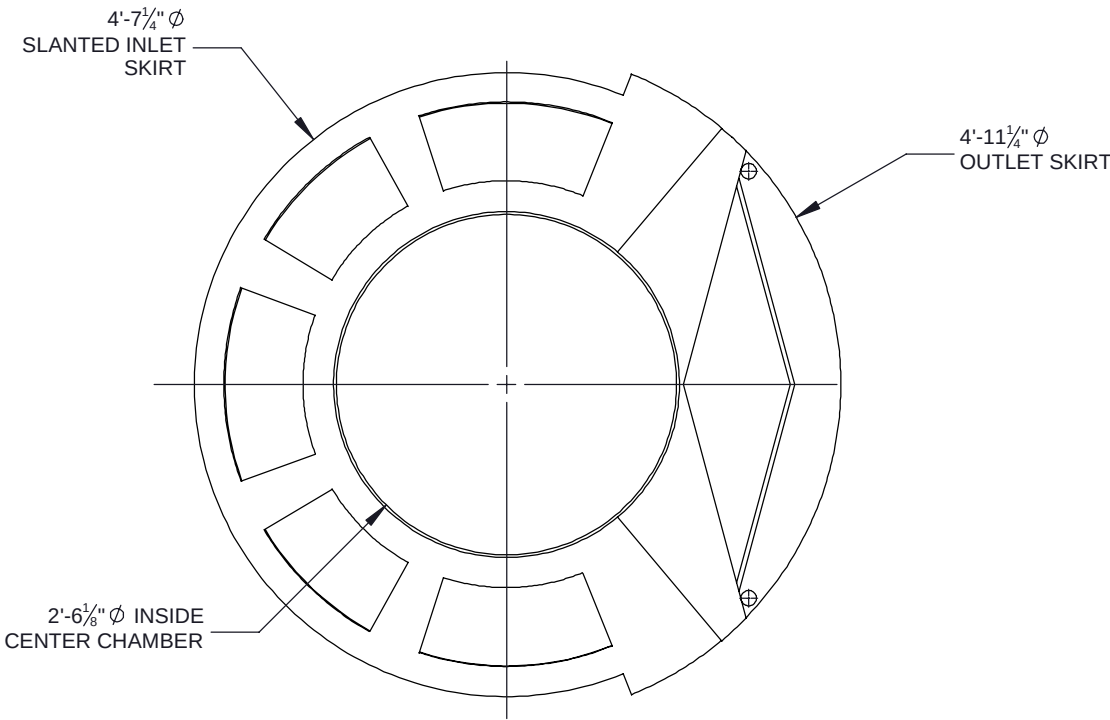
Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

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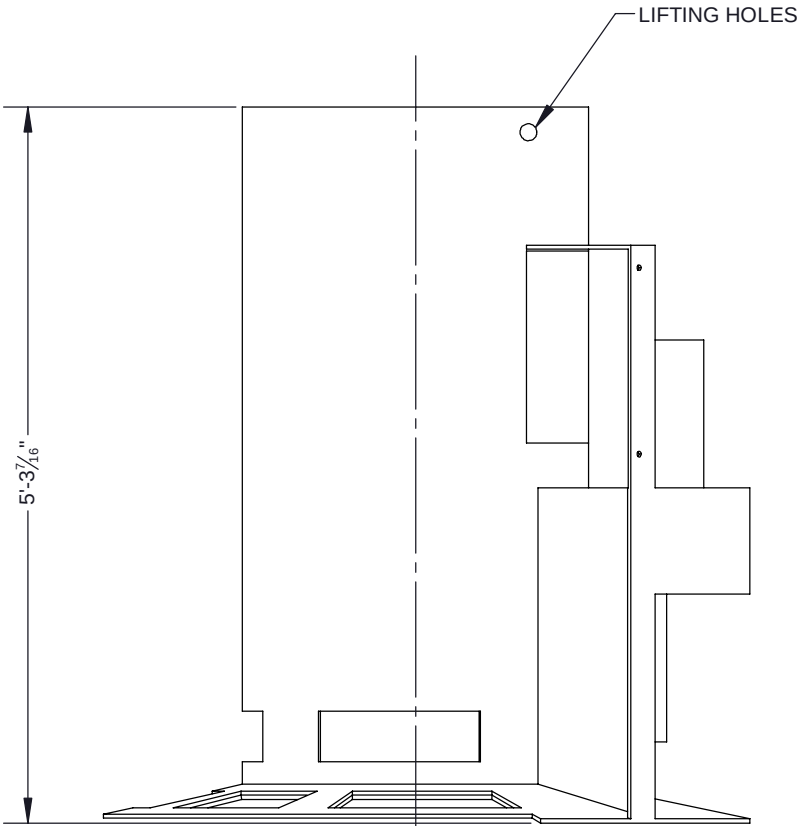
### Contact

800 626 4653

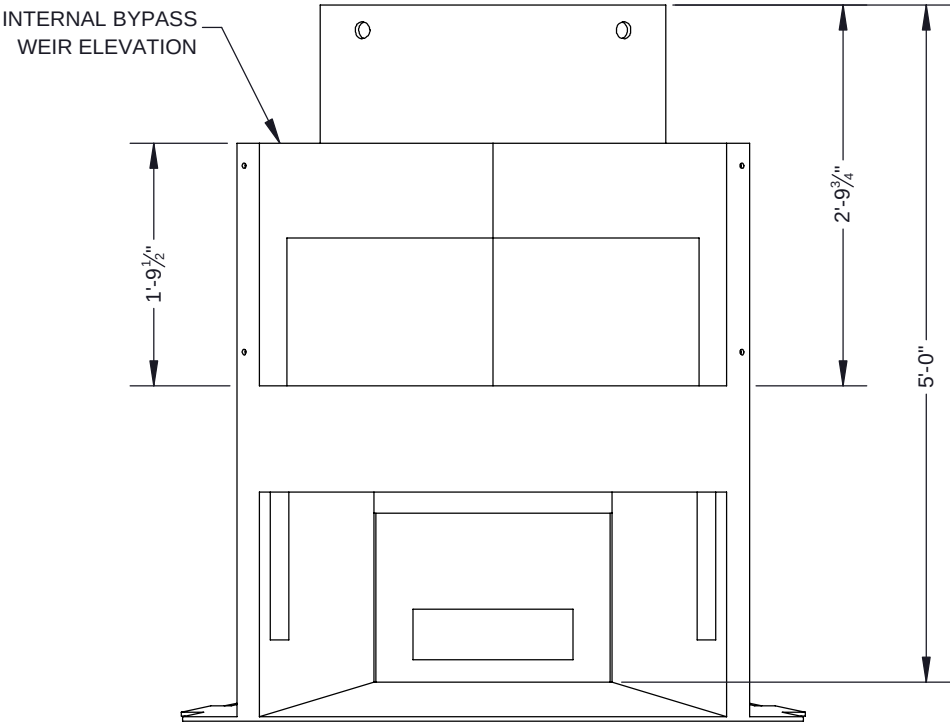
ejco.com



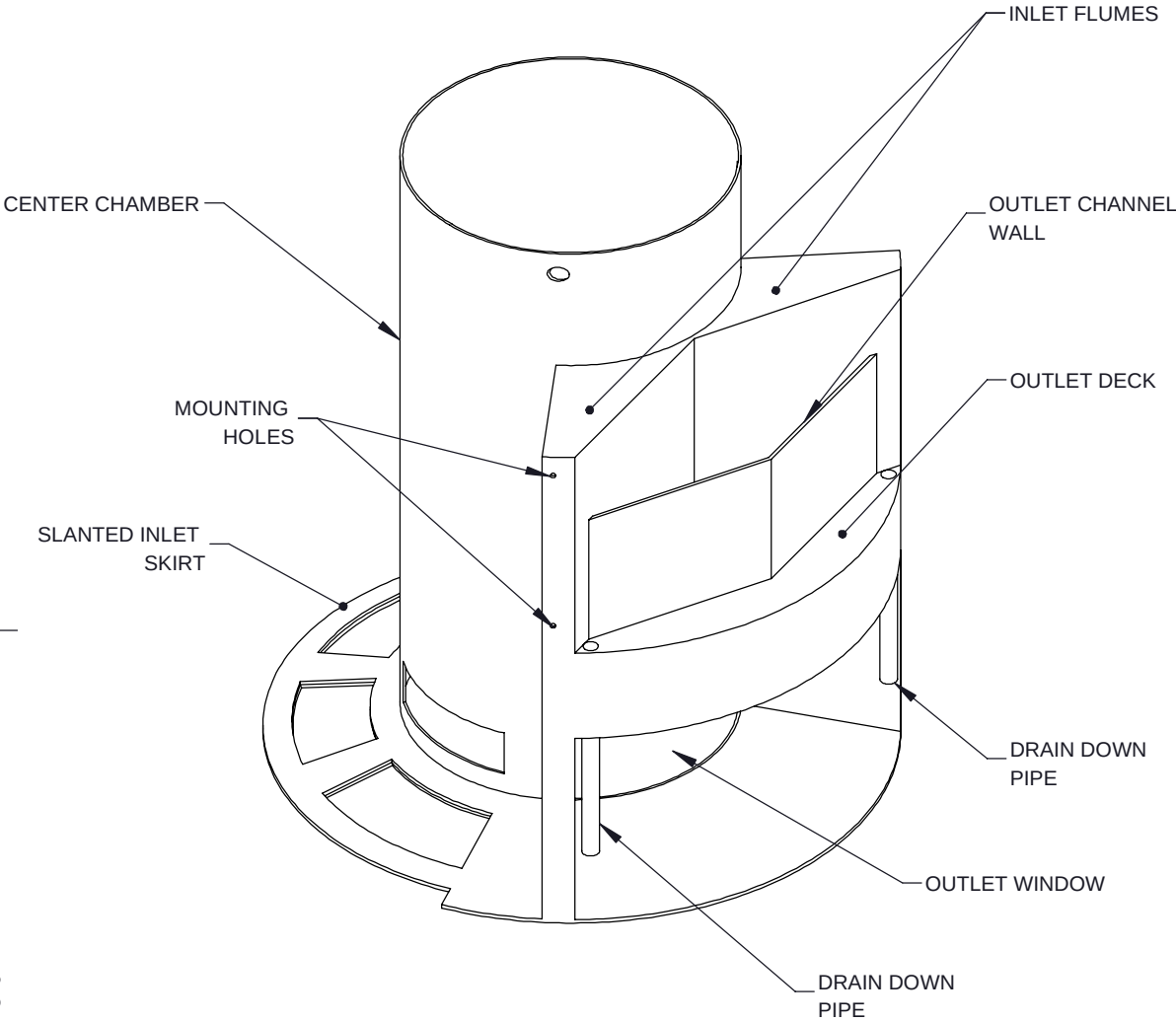
PLAN VIEW



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-5  
CASCADE SEPARATOR

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

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

|                                 |                              |           |
|---------------------------------|------------------------------|-----------|
| PART NUMBER: 325-003950         |                              |           |
| 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>D |
| SCALE:<br>N/A                   | SHEET 1 OF 1                 |           |