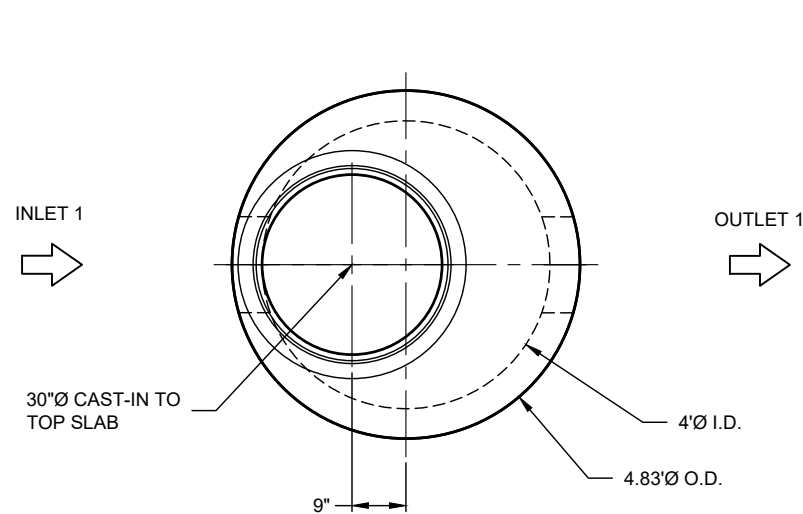
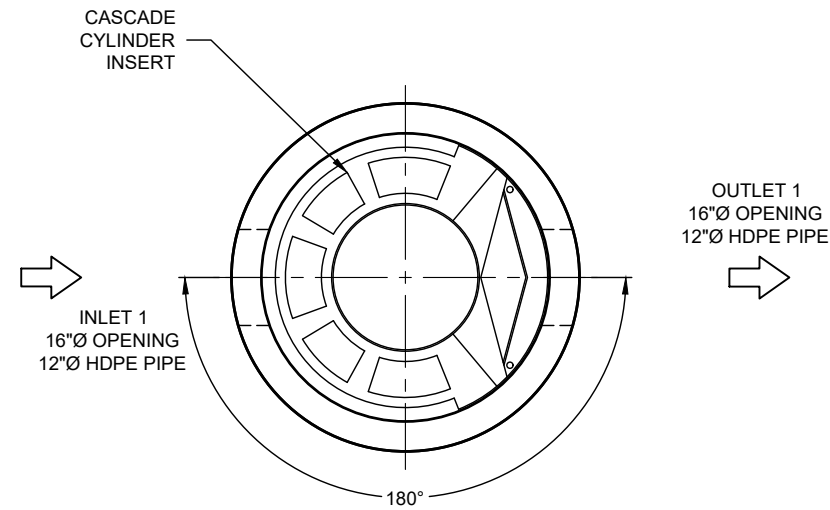


# 26-1197 - 861184 New Office Facility



**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-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., CAST-IN	325-000332	CONTECH	PRECASTER

### 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 CAST ACCESS FRAME INTO TOP SLAB AND SHIP COVER 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. = 396.07+/-  
 TOP OF STRUCTURE = 396.07  
 INLET PIPE 1 INVERT ELEV. = 393.55  
 INLET PIPE 1 DIAMETER AND MATERIAL = 12"Ø HDPE  
 OUTLET PIPE INVERT ELEV. = 393.55  
 OUTLET PIPE DIAMETER AND MATERIAL = 12"Ø HDPE  
 OUTSIDE BOTTOM OF STRUCTURE ELEV. = 388.80

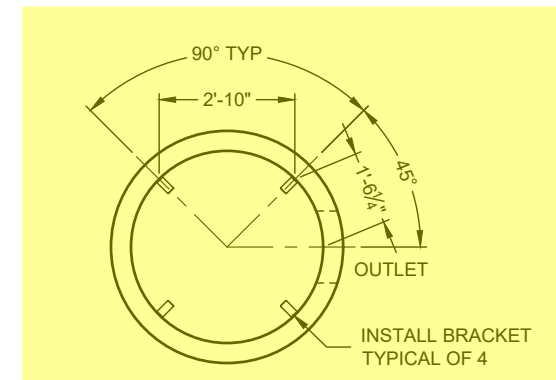
### STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 4000 LBS.  
 STRUCTURE IS DELIVERED IN 3 PIECES

TOP SLAB = 2000 LBS.  
 CONTROL RISER = 4000 LBS.  
 BASE SECTION = 3000 LBS.

CONTECH  
**FABRICATION**  
 DRAWING

### SUPPORT BRACKET LAYOUT PLAN VIEW

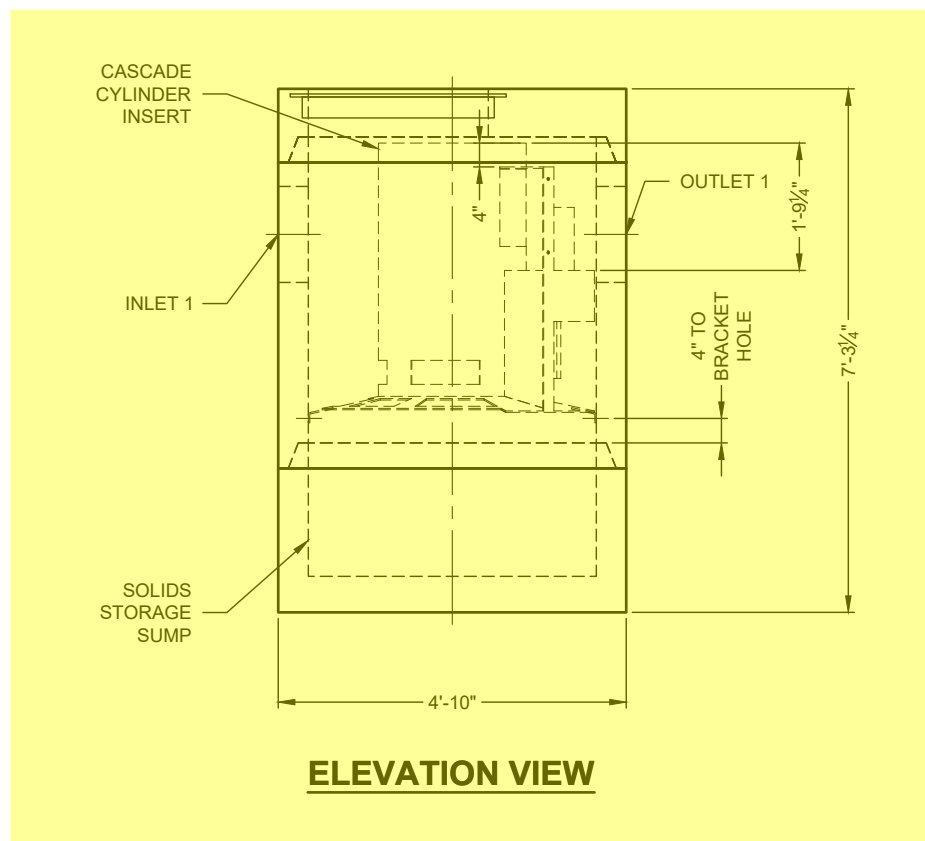


INSTALLER TO TRIM CYLINDER TO DIMENSIONED HEIGHT

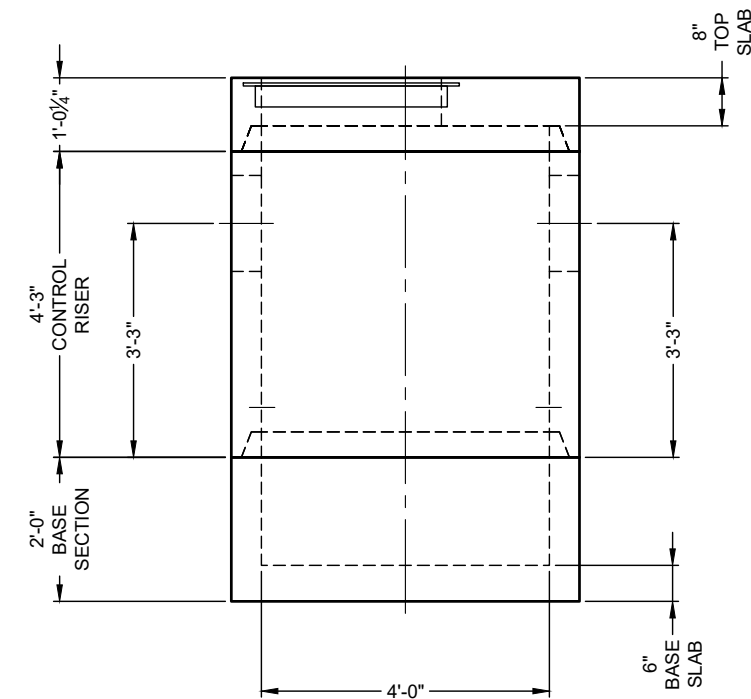
**10-CS-4**

**ICAST to fully pre-assemble internal materials prior to shipment**

SEE INSTALLATION NOTE A



**ELEVATION VIEW**



**PRECAST COMPONENTS**  
INTERNALS NOT SHOWN

ICAST  
 5888 / 757440  
 LAYOUT 1A  
 3.92TS

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NO.	DATE	REVISION DESCRIPTION	BY

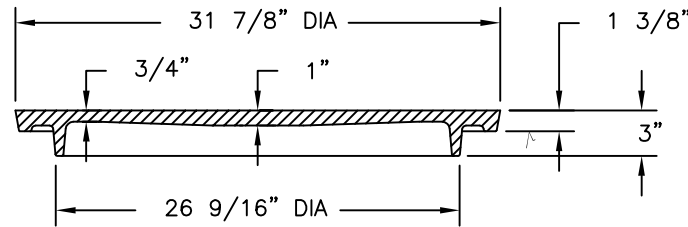
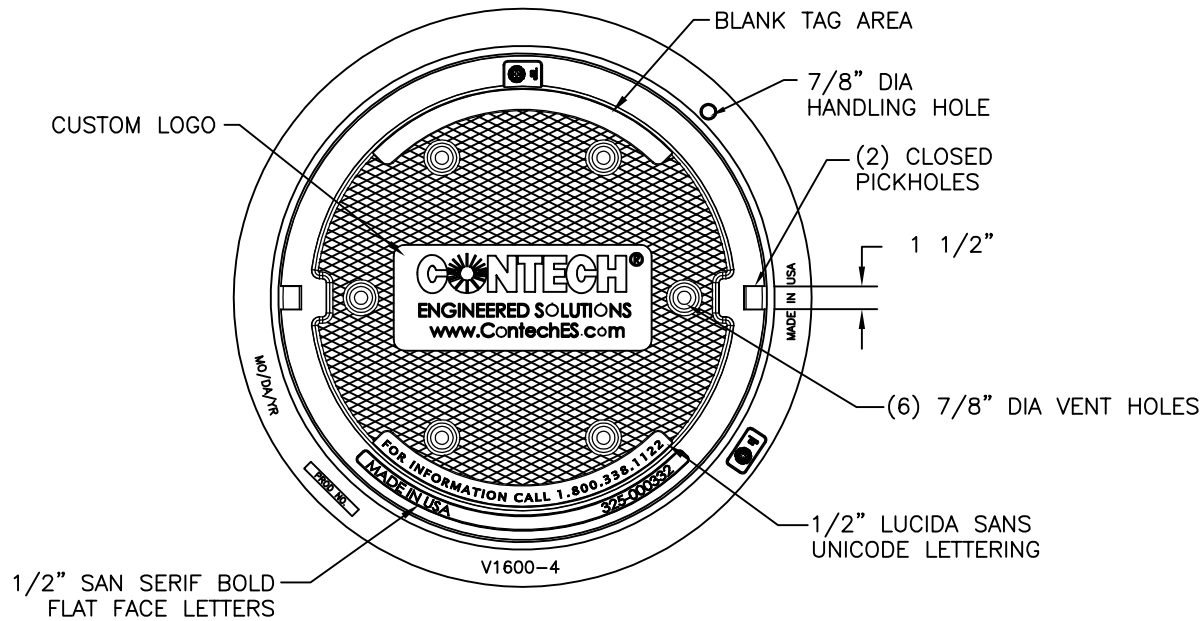
CS-4 - 861184-10  
 NEW OFFICE FACILITY - JEREMY WHITE  
 CPA - FAMILY WEALTH ADVISOR  
 PADUCAH, KY  
 SITE DESIGNATION: ST-1

**CONTECH**  
 ENGINEERED SOLUTIONS LLC  
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 810 Centre Pointe Dr., Suite 400, West Chester, OH 45380  
 800.338.1122 513.645.7000 513.645.7803 FAX  
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 FOR PATENT INFORMATION, GO TO www.contech.com/IP

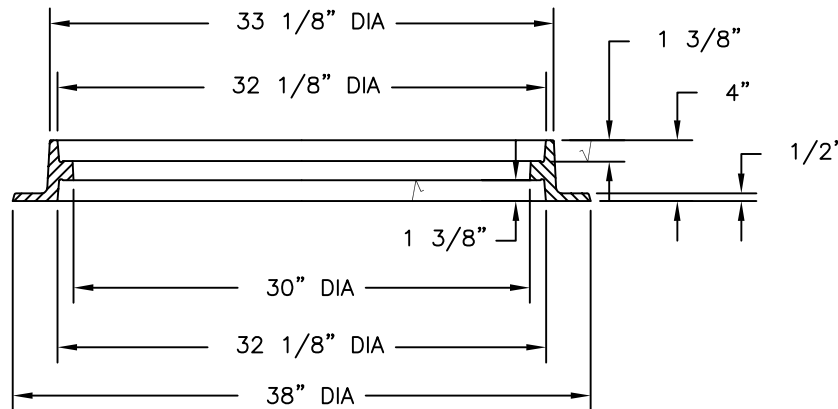
DATE:	1/20/2026		
DESIGNED:	MDB	DRAWN:	MDB
CHECKED:	CEU	APPROVED:	MDB
PROJECT No.:	861184	SEQUENCE No.:	10
SHEET:	1	OF	1

# 26-1197 - 861184 New Office Facility

## 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

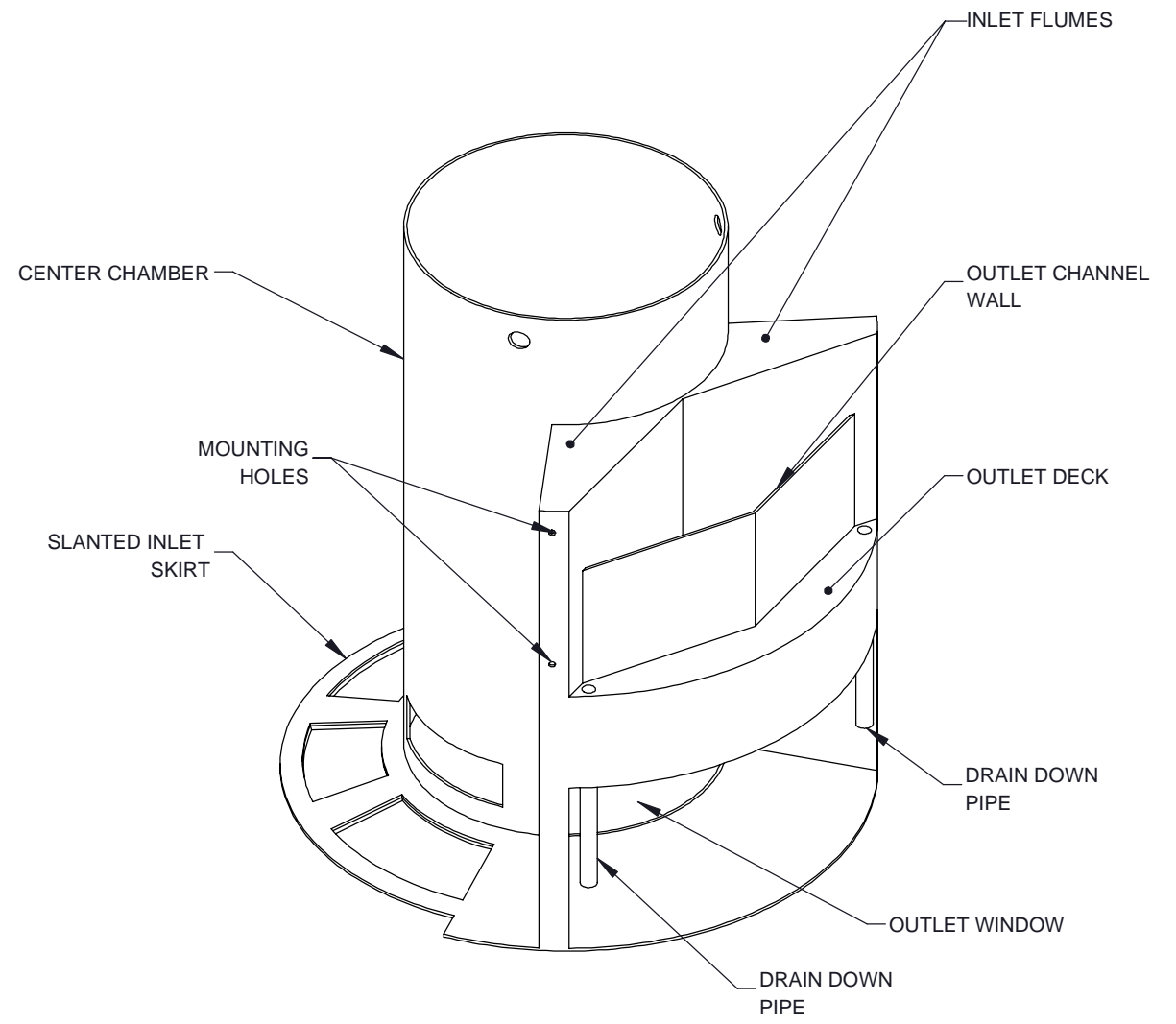
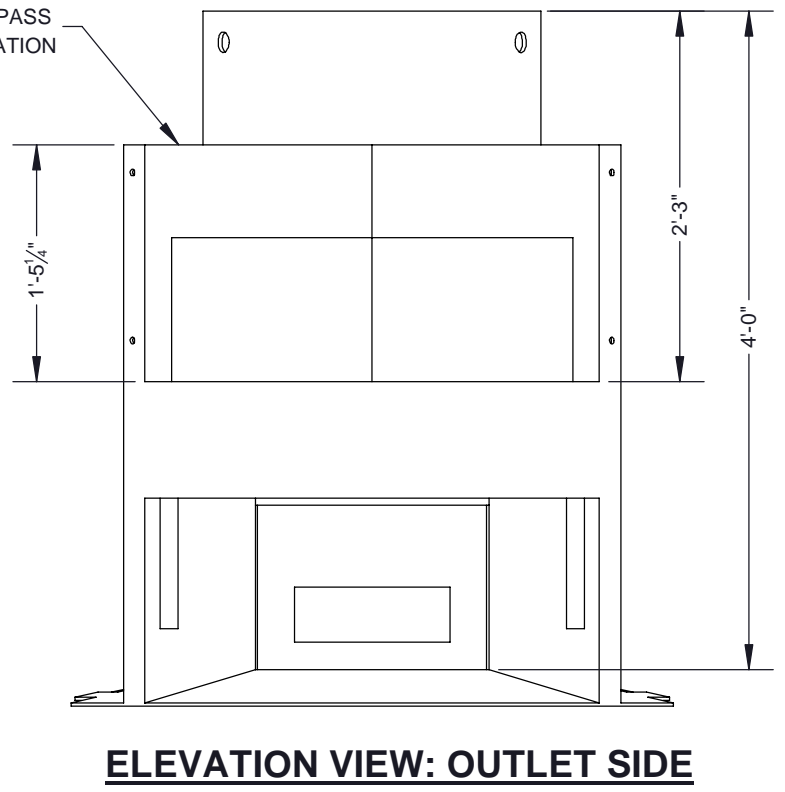
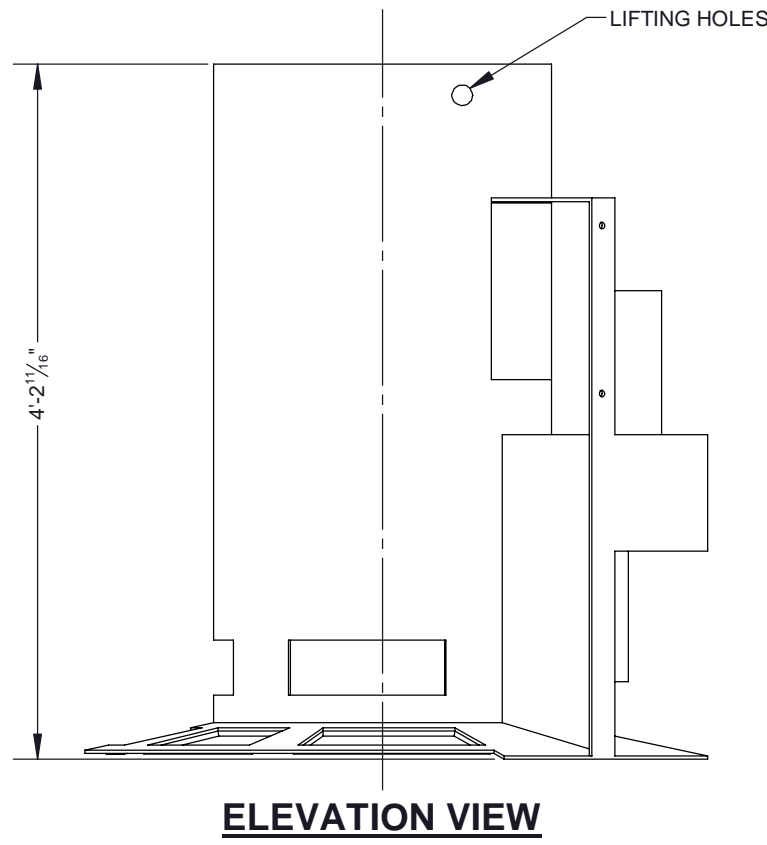
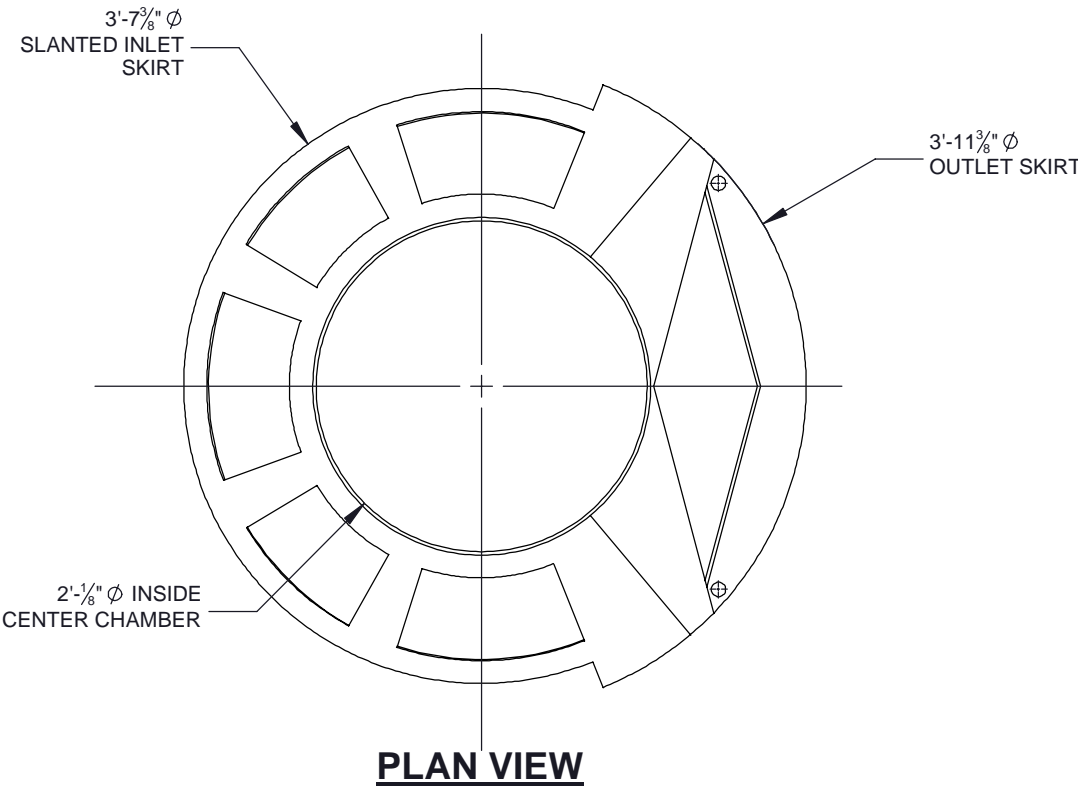
**Disclaimer**

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**

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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 ± 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	