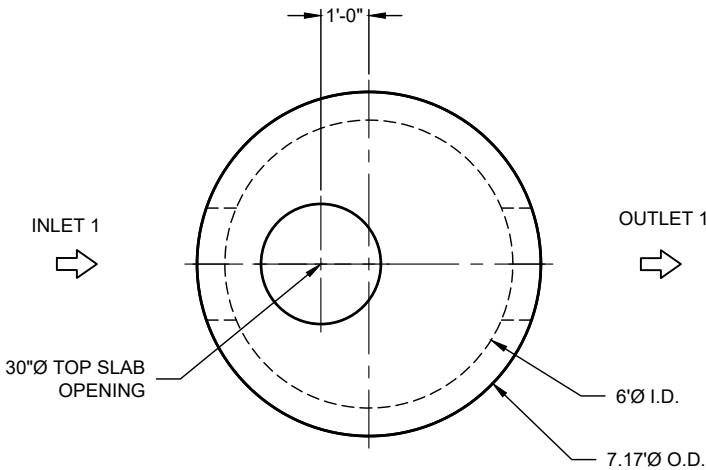
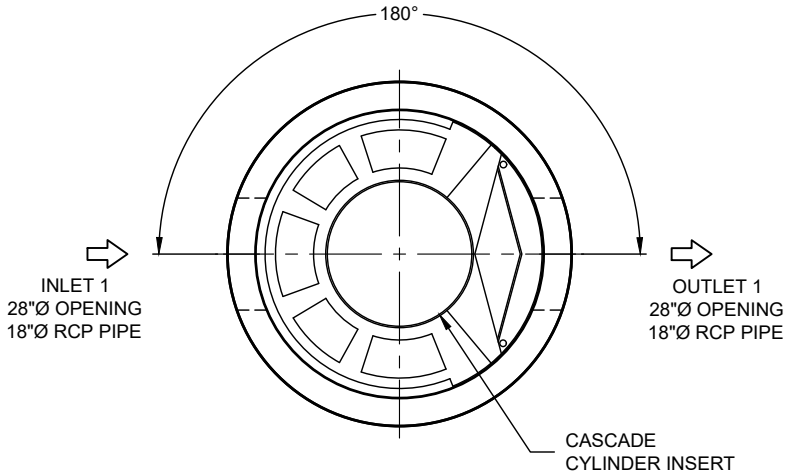


26-2659 879027 Kroger Marketplace Dearborn



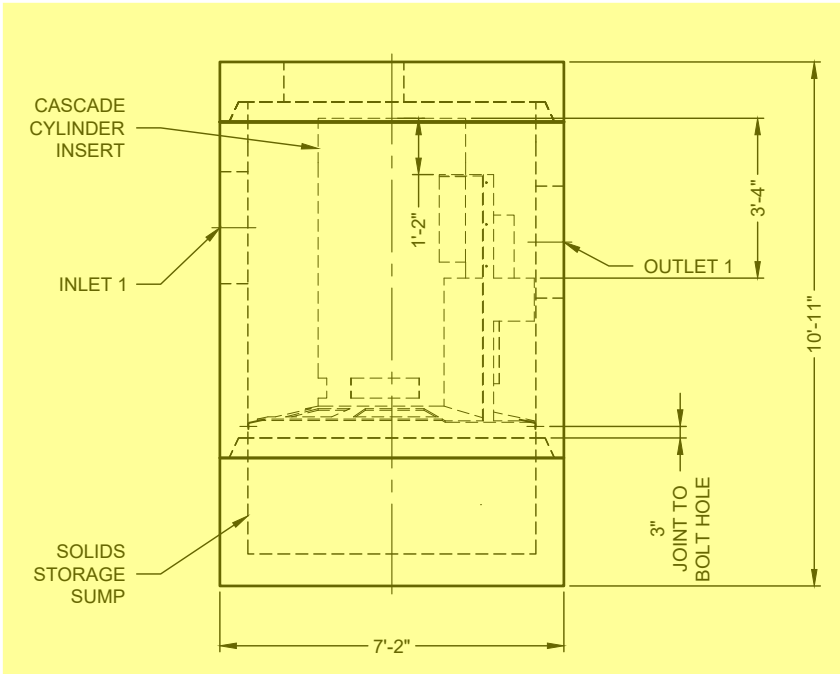
PLAN VIEW
INTERNALS NOT SHOWN



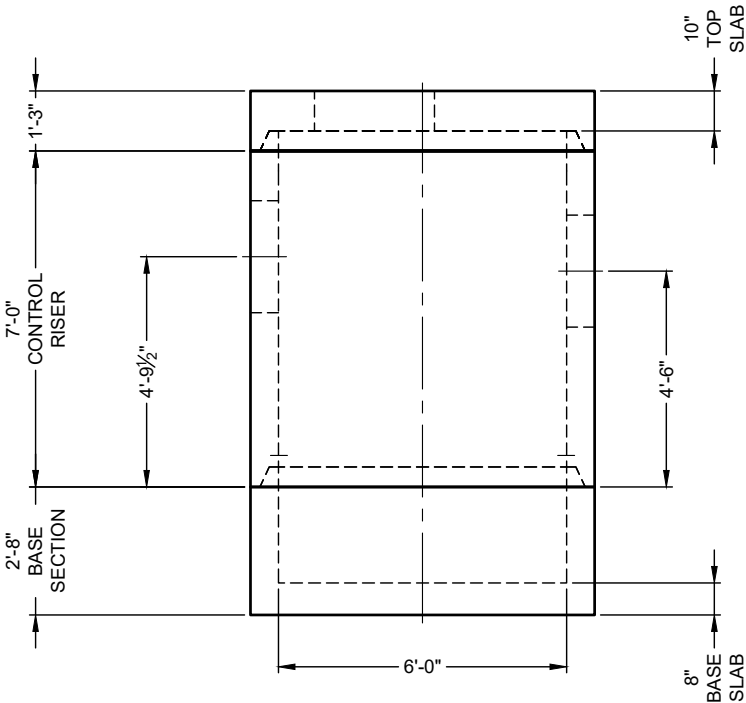
PLAN VIEW FOR PIPE ORIENTATION
TOP SLAB NOT SHOWN

10-CS-6
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
12.38TS

CONTECH
FABRICATION
DRAWING

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

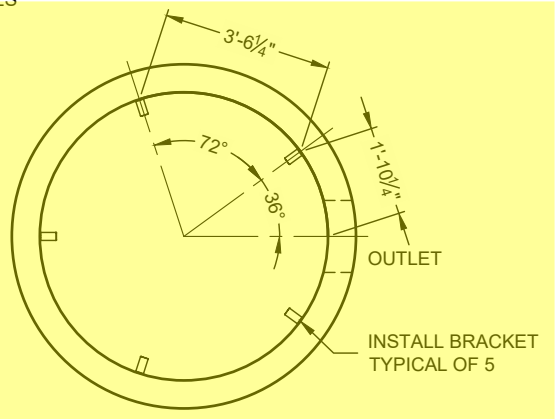
SITE INFORMATION

RIM ELEV. = 598.5+/-
TOP OF STRUCTURE = 596.50
INLET PIPE 1 INVERT ELEV. = 592.30
INLET PIPE 1 DIAMETER AND MATERIAL = 18"Ø RCP
OUTLET PIPE INVERT ELEV. = 592.00
OUTLET PIPE DIAMETER AND MATERIAL = 18"Ø RCP
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 585.59

STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 12500 LBS.
STRUCTURE IS DELIVERED IN 3 PIECES

TOP SLAB = 5000 LBS.
CONTROL RISER = 12500 LBS.
BASE SECTION = 8500 LBS.



SUPPORT BRACKET LAYOUT PLAN VIEW

CS-6 - 879027-010

KROGER MARKET PLACE - DEARBORN

DEARBORN, MI

SITE DESIGNATION: WQU2

CONTECH

ENGINEERED SOLUTIONS LLC

A CONTECH COMPANY

910 Centre Pointe Dr., Suite 400, West Chester, OH 45069

800-338-1122 513-245-7000 513-945-7893 FAX

CASCADE

separator

FOR PATENT INFORMATION, GO TO www.ContechES.com/PP

DATE: 3/27/26

DESIGNED: JRP DRAWN: JRP

CHECKED: MSB APPROVED: JRP

PROJECT No.: 879027 SEQUENCE No.: 010

SHEET: 1 OF 1

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MSB

CORRECTED ELEVATIONS

6/15/26

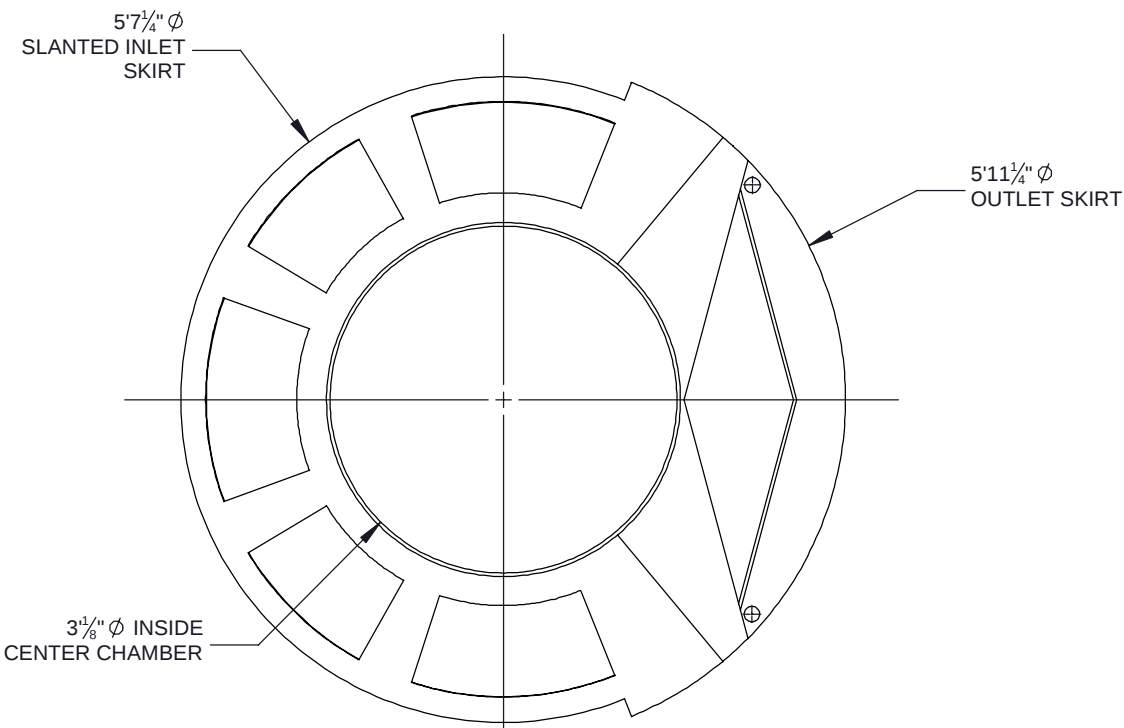
DATE

MARK

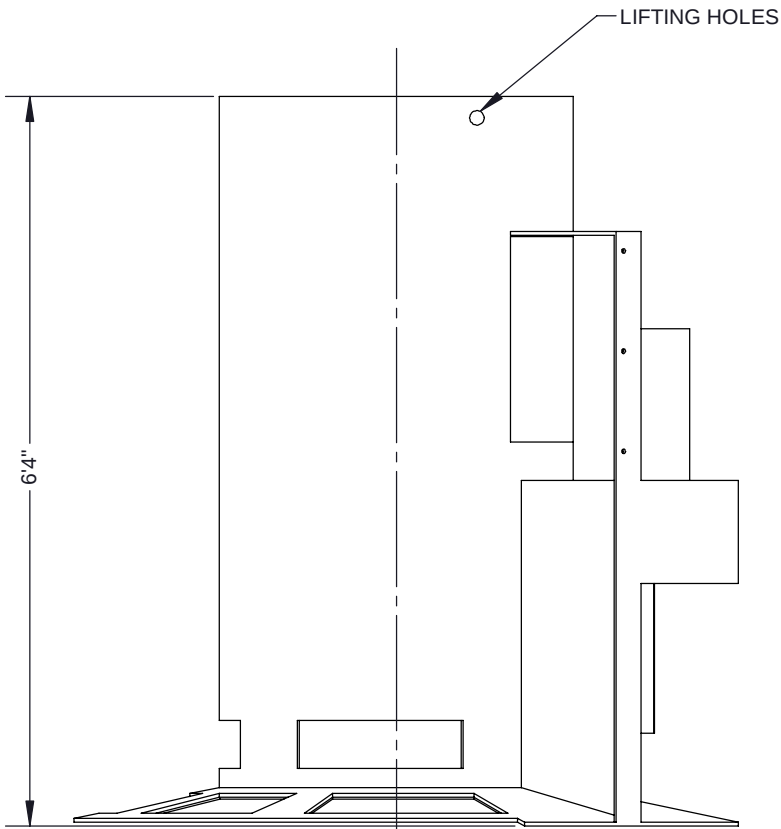
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REVISION DESCRIPTION

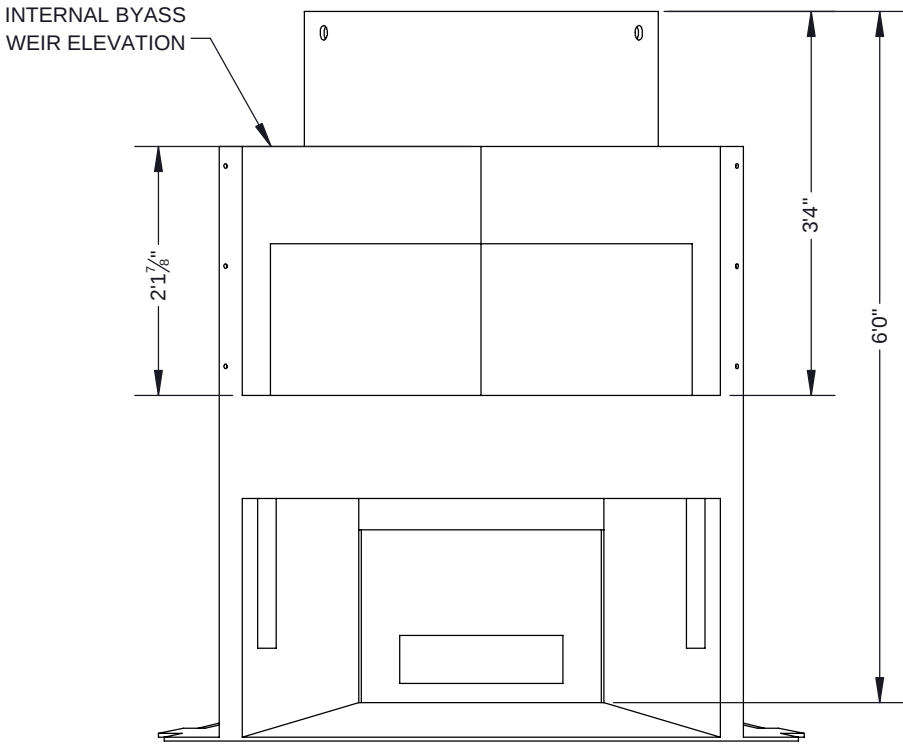
BY



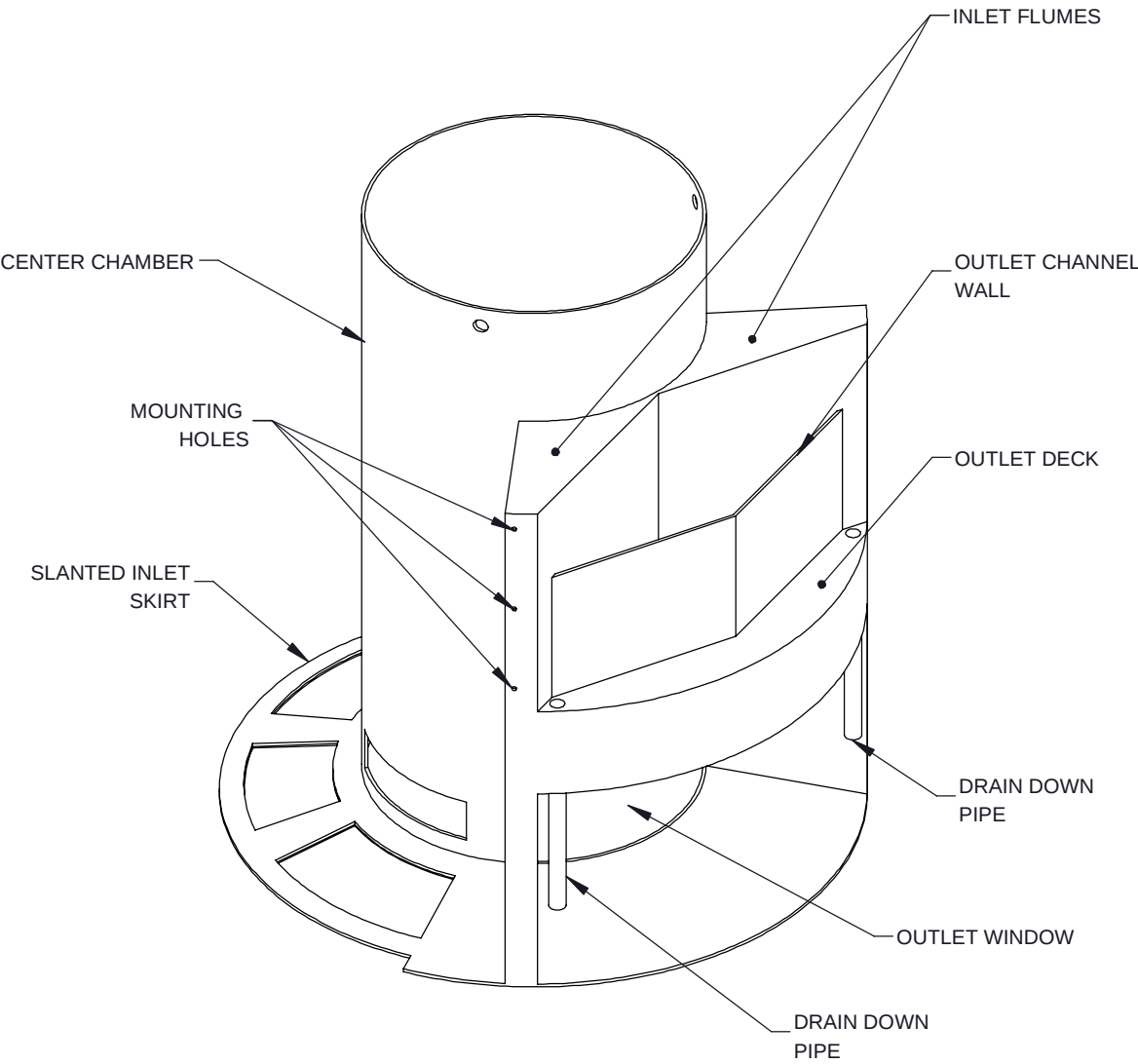
PLAN VIEW



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

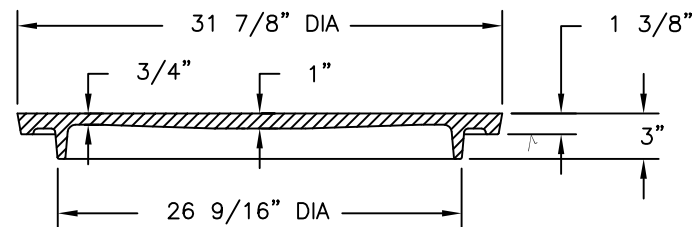
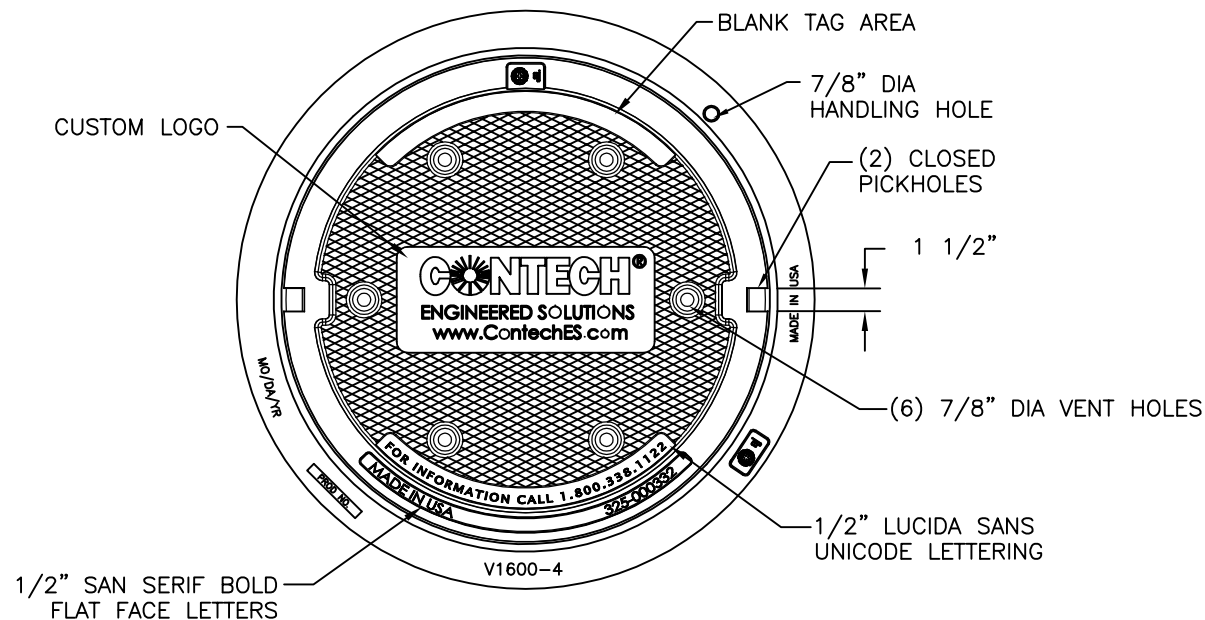
THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

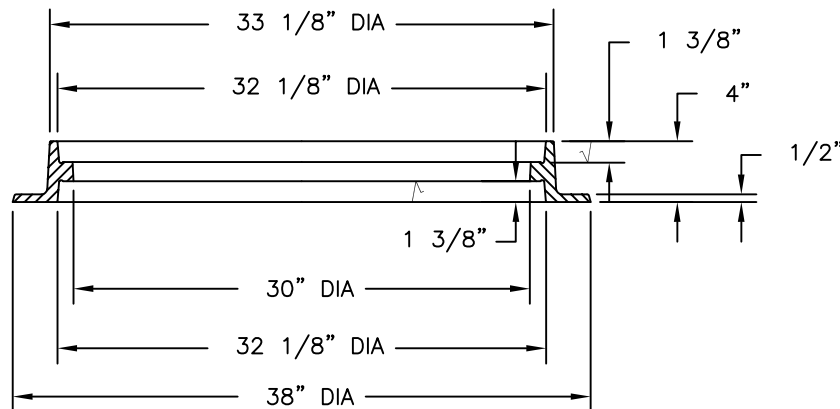
TOLERANCES:
FRACTIONAL $\pm 1/16$
ANGLES ± 1 DEGREE
TWO PLACE DECIMAL ± 0.06
THREE PLACE DECIMAL ± 0.030

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	

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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