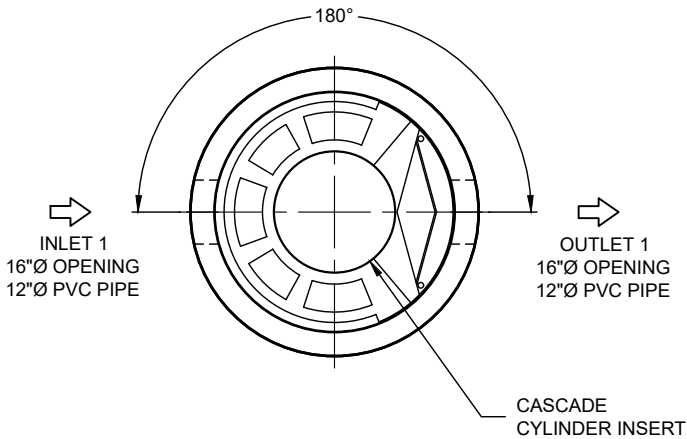
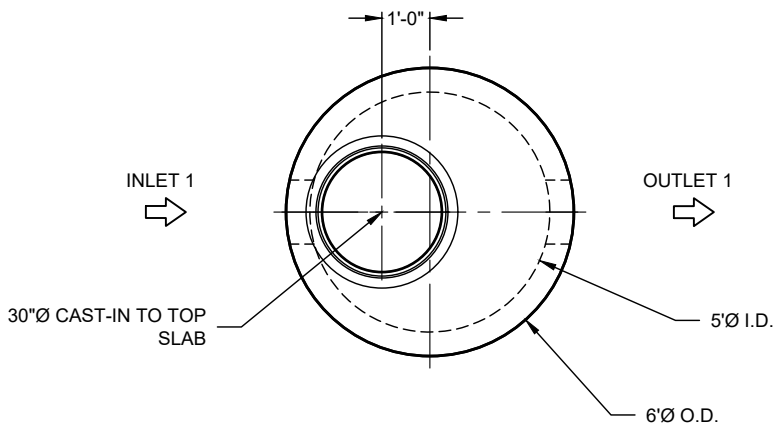


Wayne County MI Inspection additional requirements – Contech

- ☐ Pictures of the steel mic'd and the spacing measured for the risers, bases, and covers
- ☐ Bases should be a minimum of 9" per Wayne County Spec
- ☐ The tag number for the cylinders should be sent to Chris Gabbard and Garfield Lemonious before cylinder breaks are done.
- ☐ A video call to witness the cylinder breaks in real time.
- ☐ Notify Contech when pieces will be shipped so that they can do a visual inspection onsite.

26-2800 901652 13635 Telegraph Road



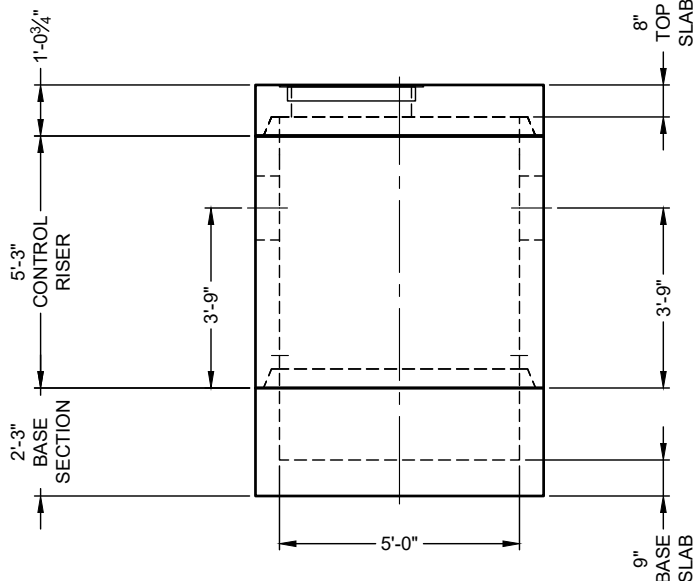
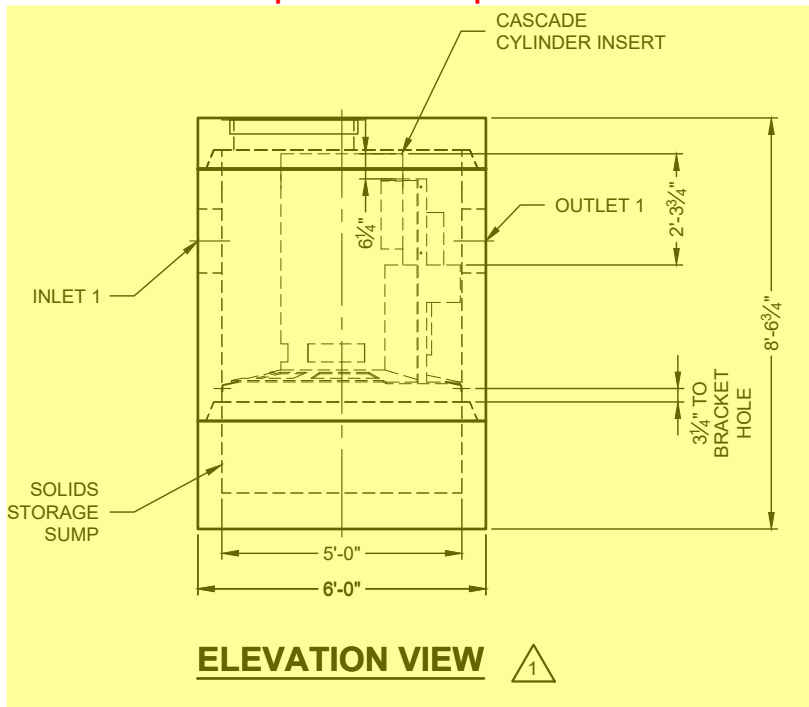
WAYNE COUNTY C#:
C-26-0641

INSTALLER TO TRIM CYLINDER
TO DIMENSIONED HEIGHT

SEE INSTALLATION NOTE A

10-CS-5

ICAST to fully pre-assemble internal
materials prior to shipment



1 ICAST
5888 / 757440
LAYOUT 1A
7.28TS

CONTECH
FABRICATION
DRAWING

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., 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

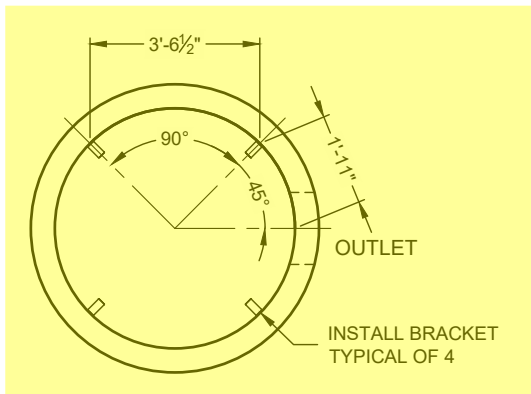
SITE INFORMATION

RIM ELEV. = 611.63+/-
TOP OF STRUCTURE = 611.63
INLET PIPE 1 INVERT ELEV. = 608.57
INLET PIPE 1 DIAMETER AND MATERIAL = 12"Ø PVC
OUTLET PIPE INVERT ELEV. = 608.57
OUTLET PIPE DIAMETER AND MATERIAL = 12"Ø PVC
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 603.07

STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 7000 LBS.
STRUCTURE IS DELIVERED IN 3 PIECES

TOP SLAB = 3000 LBS.
CONTROL RISER = 7000 LBS.
BASE SECTION = 6000 LBS.



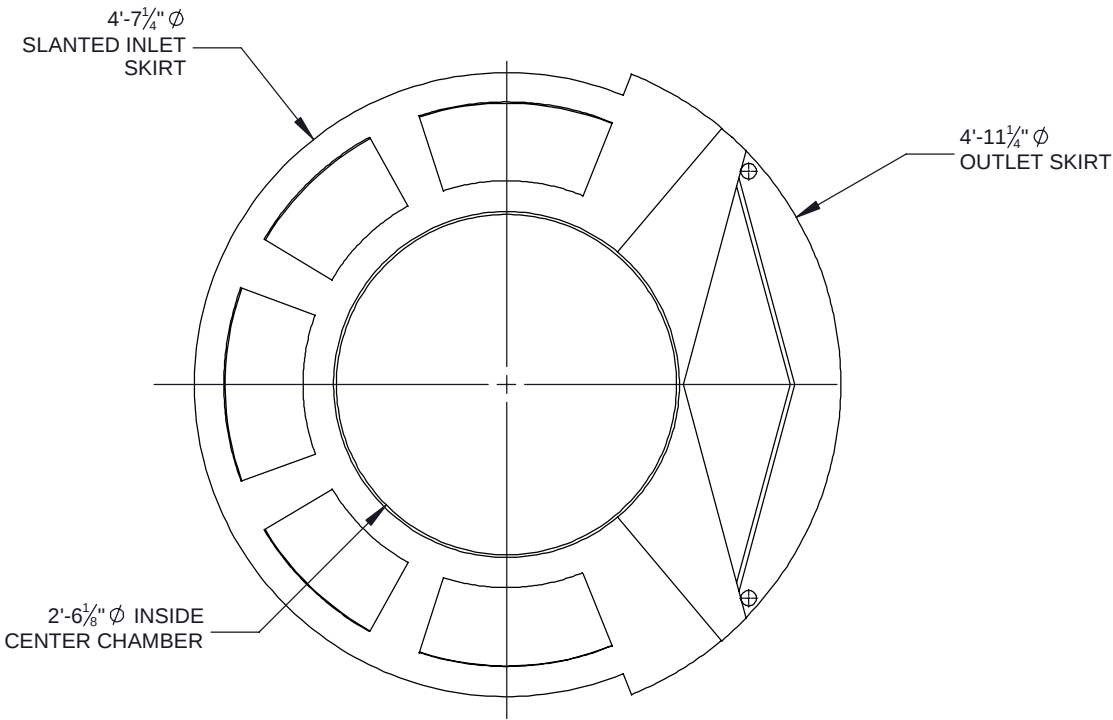
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DATE	BY	REVISION DESCRIPTION
6/30/26	MSB	UPDATED PER WAYNE COUNTY
06/16/26	CRW	UPDATED PRECASTER
1	MARK	DATE

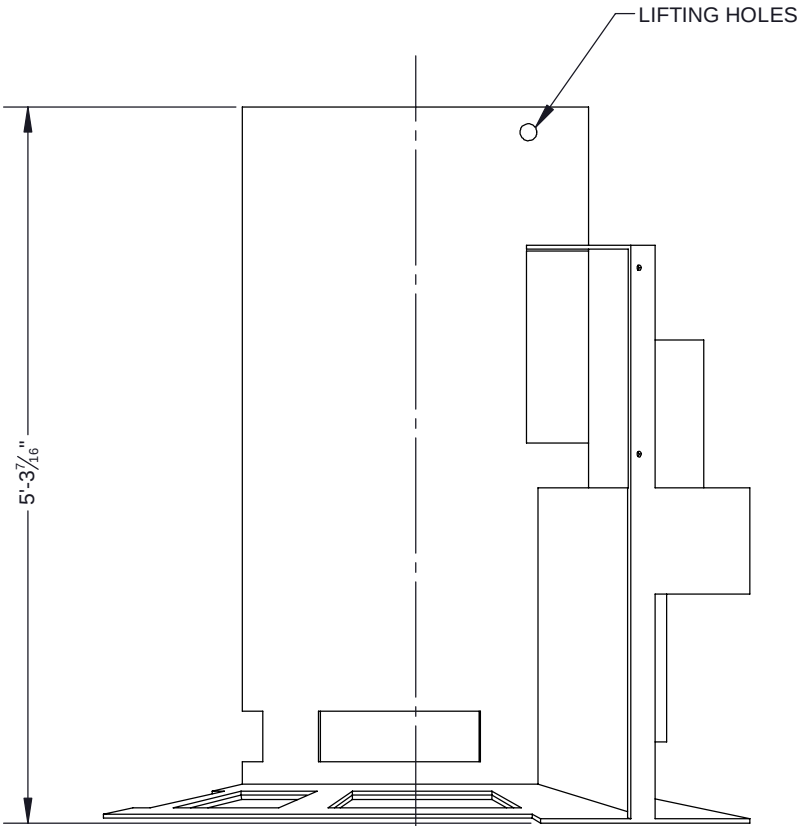
CS-5 - 901652-010
13635 TELEGRAPH ROAD
TAYLOR, MI
SITE DESIGNATION: CS-5

CONTECH
ENGINEERED SOLUTIONS LLC
A CONTECH COMPANY
910 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-445-7000 513-445-7893 FAX
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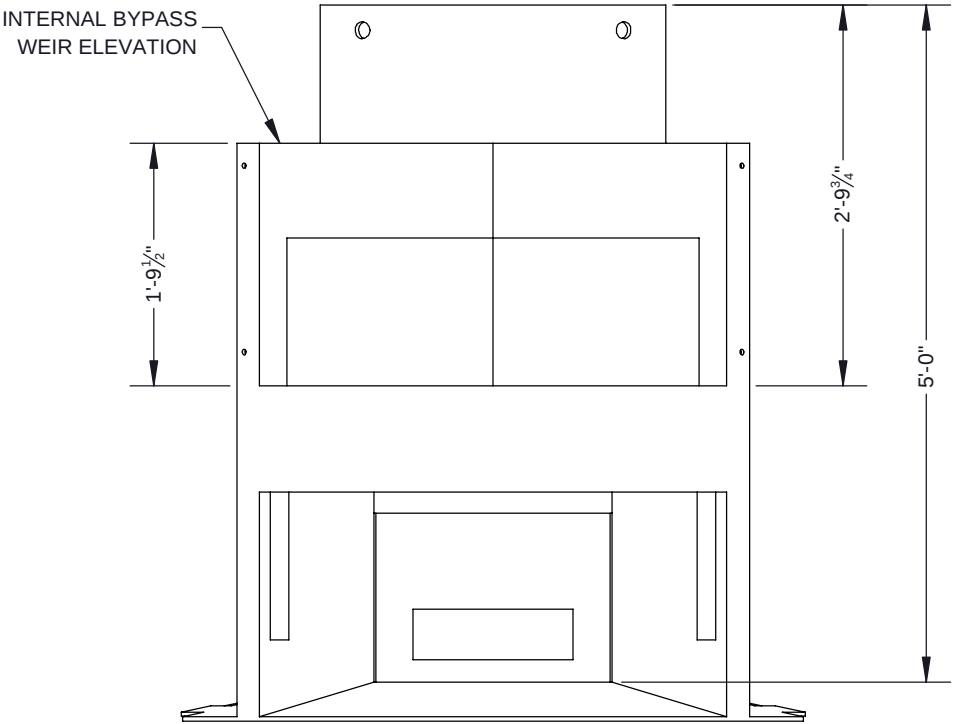
DATE:	4/24/26
DESIGNED:	JRP
DRAWN:	JRP
CHECKED:	MSB
APPROVED:	JRP
PROJECT No.:	901652
SEQUENCE No.:	010
SHEET:	1 OF 1



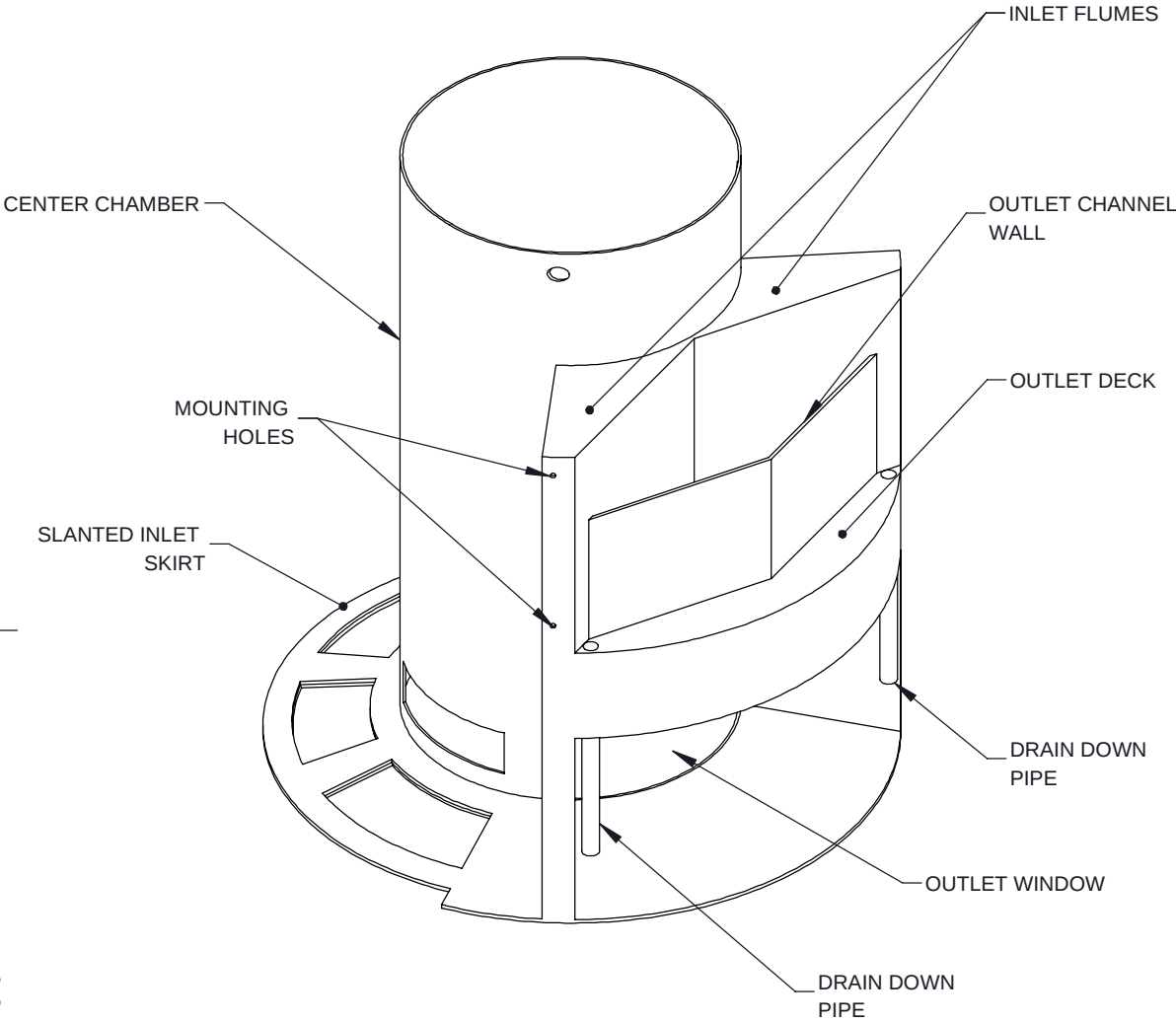
PLAN VIEW



ELEVATION VIEW



ELEVATION VIEW: OUTLET SIDE



ISOMETRIC VIEW

- 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-5
CASCADE SEPARATOR

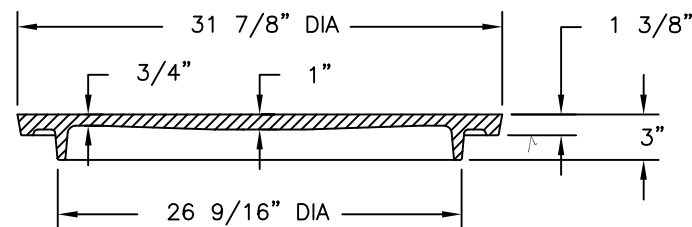
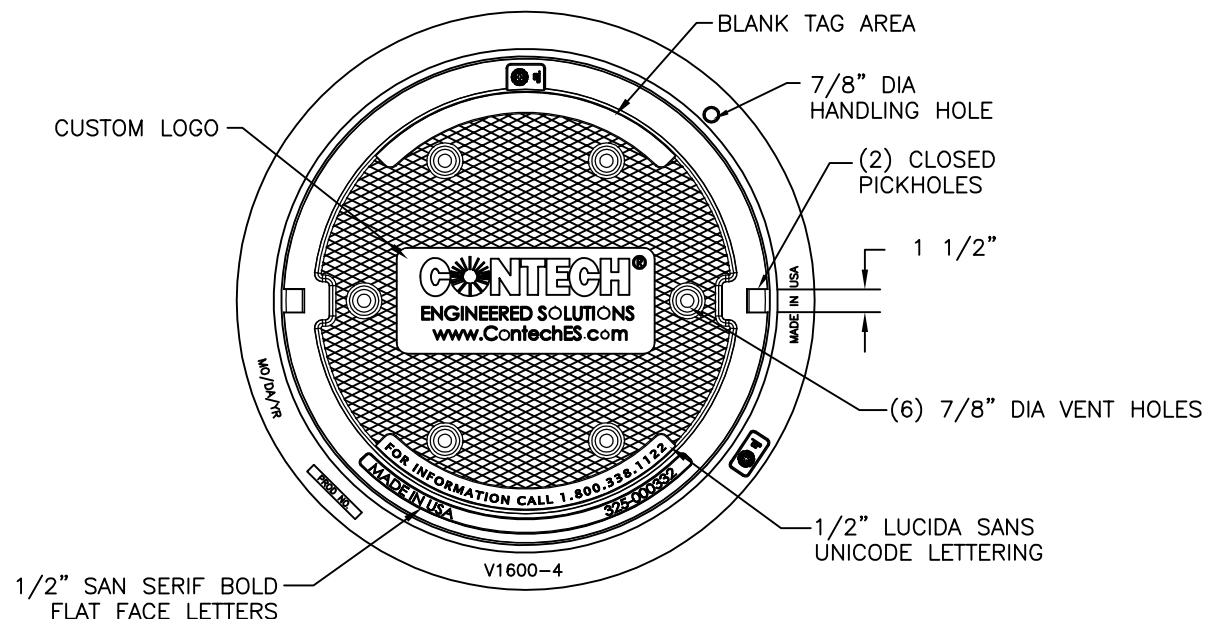
THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

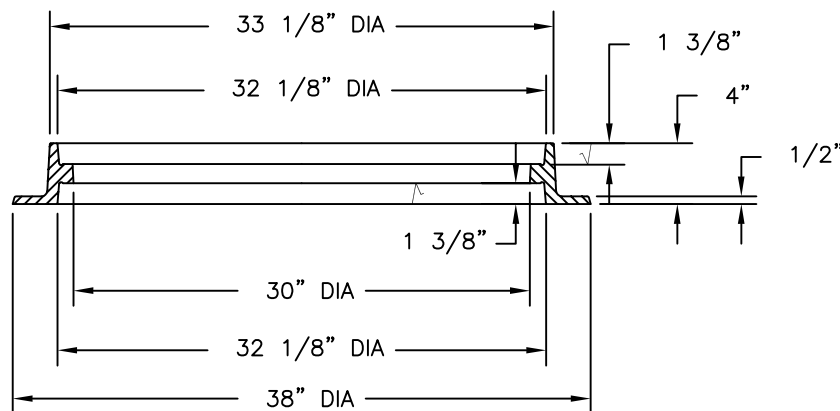
TOLERANCES:
FRACTIONAL $\pm 1/16$
ANGLES ± 1 DEGREE
TWO PLACE DECIMAL ± 0.06
THREE PLACE DECIMAL ± 0.030

PART NUMBER: 325-003950		
APPROVED BY: M. BROOKS	DRAWN BY: J. BELL	
APPROVED BY DATE: 2021.10.21	DRAWN BY DATE: 2021.09.15	REV: D
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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