



ICAST to fully pre-assemble internal materials prior to shipment



SEE INSTALLATION NOTE A



ICAST
5888 / 757440
LAYOUT 1A
2.26TS

COUNT	DESCRIPTION	PART NUMBER	PROVIDED BY	INSTALLED BY
1	CS-3 CYLINDER INSERT, STD.	325-004190	CONTECH	PRECASTER
3	CS-3 ALUMINUM INSTALLATION BRACKETS	325-003956	CONTECH	PRECASTER
1	CS-3 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

1. DESIGN LOADING - AASHTO HS-20
2. ALL PRECAST CONCRETE MANUFACTURED PARTS SHALL CONFORM TO ASTM C-478, WITH MINIMUM CONCRETE STRENGTH OF 4000 PSI AT 28 DAYS
3. JOINT SEALANT SHALL CONFORM TO ASTM C-990 OR ASTM C-443
4. GROUND WATER ELEVATION ASSUMED AT OUTLET INVERT
5. MANUFACTURING TOLERANCE = +/- 1/2-INCH
6. SOME HIDDEN LINES MAY BE OMITTED FOR CLARITY

- A. PRECASTER TO SHIP ACCESS CASTINGS WITH STRUCTURE
- B. REFER TO CONTECH ASSEMBLY INSTRUCTIONS FOR ADDITIONAL INFORMATION.
- C. PRECASTER TO INSTALL INTERNAL COMPONENTS PRIOR TO SHIPPING UNLESS INSTRUCTED OTHERWISE BY CONTECH
- D. PIPE OPENINGS SHALL BE STENCILED "INLET" OR "OUTLET" AS APPROPRIATE
- E. APPLYING ALIGNMENT MARKS ON ALL PIECES OF MULTIPLE PIECE ASSEMBLIES IS ENCOURAGED
- F. IF STRUCTURE IS DELIVERED IN MULTIPLE SECTIONS, EACH PIECE SHALL BE LABELED WITH THE CONTECH PROJECT NUMBER, SEQUENCE NUMBER AND SITE DESIGNATION

RIM ELEV. = 744.01+/-
TOP OF STRUCTURE = 743.19
INLET PIPE 1 INVERT ELEV. = 739.40
INLET PIPE 1 DIAMETER AND MATERIAL = 8"Ø HDPE
OUTLET PIPE INVERT ELEV. = 739.40
OUTLET PIPE DIAMETER AND MATERIAL = 8"Ø HDPE
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 735.90

TOP SLAB = 1000 LBS.
BASE SECTION = 4500 LBS.



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[illegible]

CS-3 - 861235-20
CIRCLE K STORES INC. - RELO
MIDDLETOWN, KY
LOUISVILLE, KY
SITE DESIGNATION: WQU - B

CONTECH[®]
ENGINEERED SOLUTIONS LLC
A QUANTUM COMPANY

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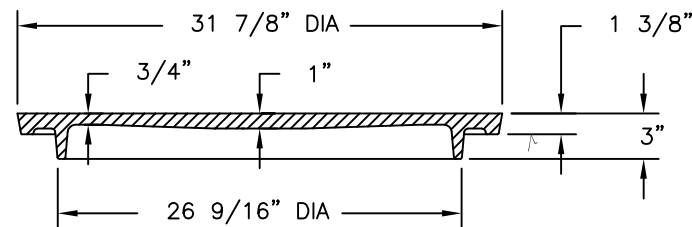
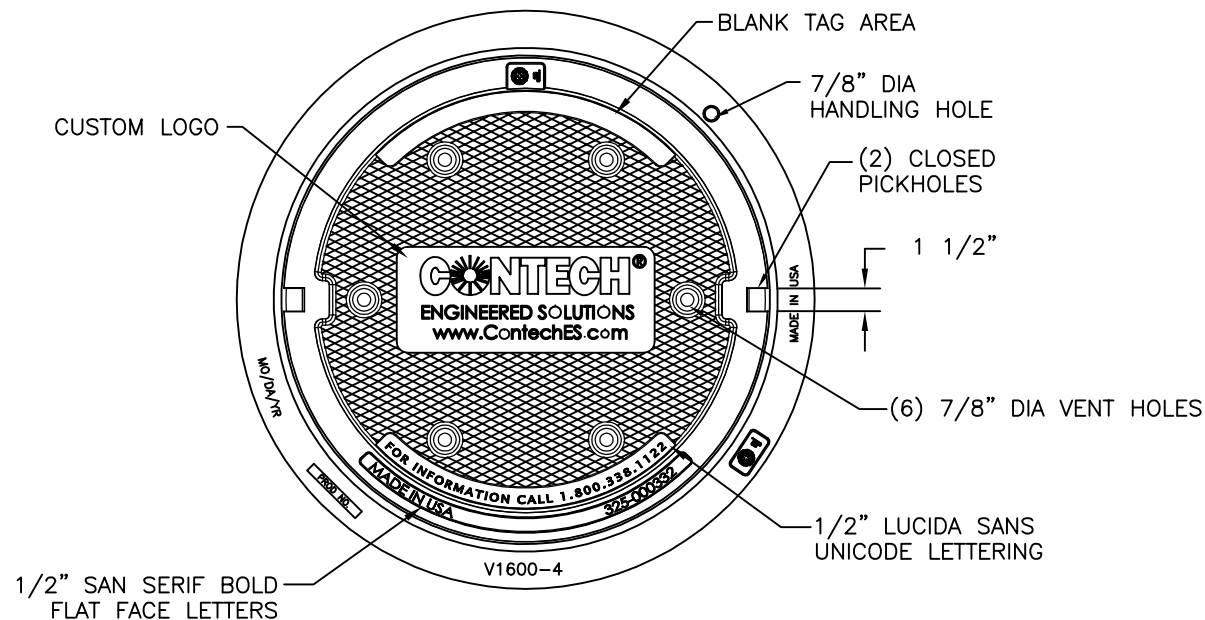
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separator[®]

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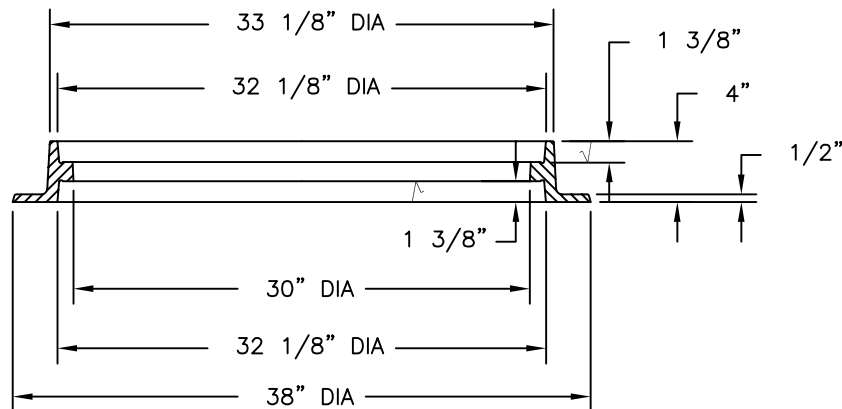
DATE:	
8/5/2026	
DESIGNED:	DRAWN:
MDB	MDB
CHECKED:	APPROVED:
MSB	MDB
PROJECT No.:	SEQUENCE No.:
861235	20
SHEET:	
1	OF 1

26-3418 861235 Circle K

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

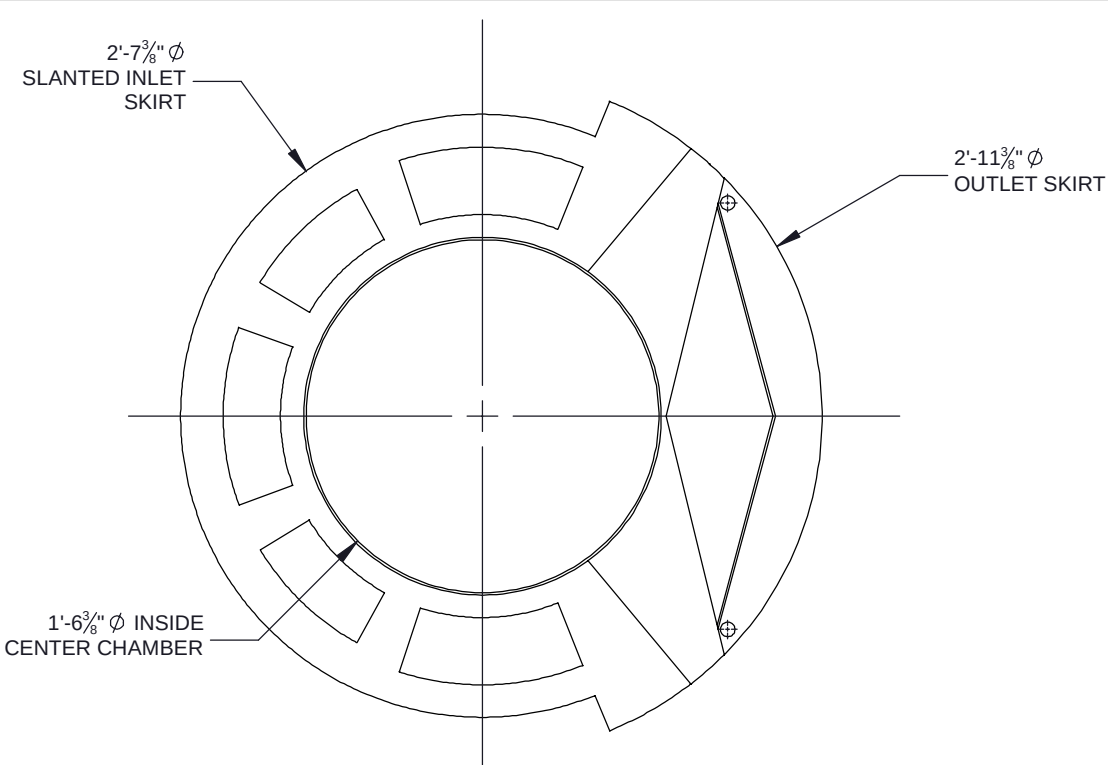
Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

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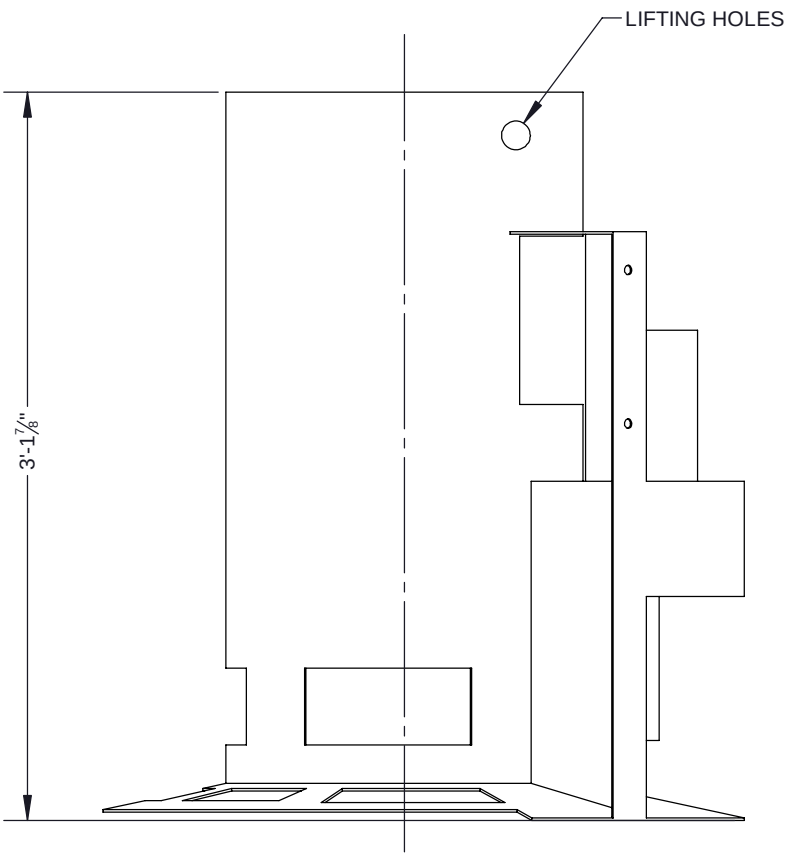
Contact

800 626 4653

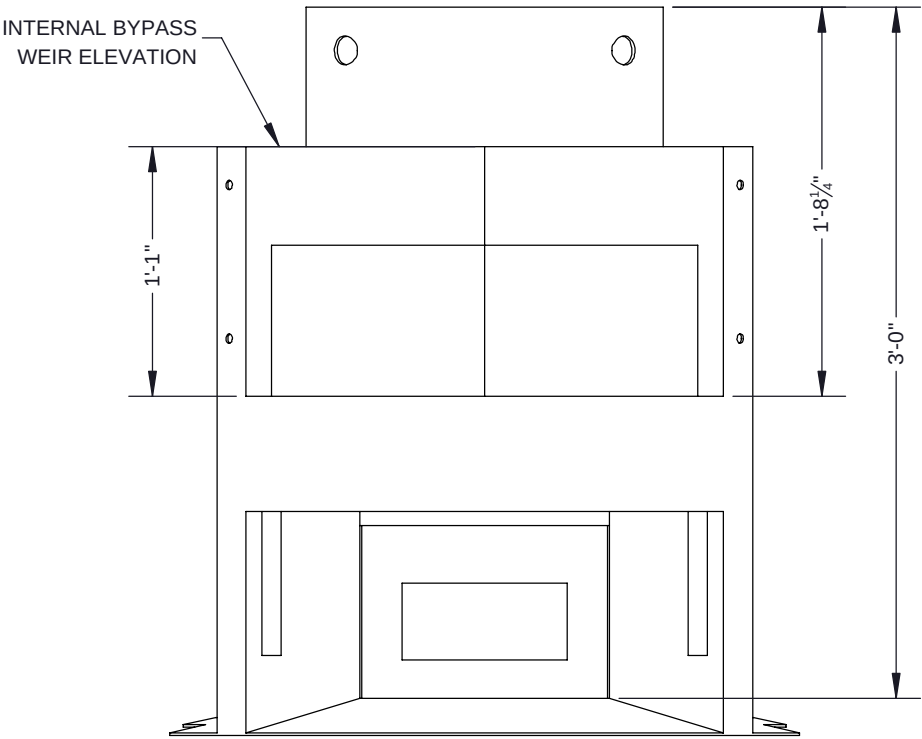
ejco.com



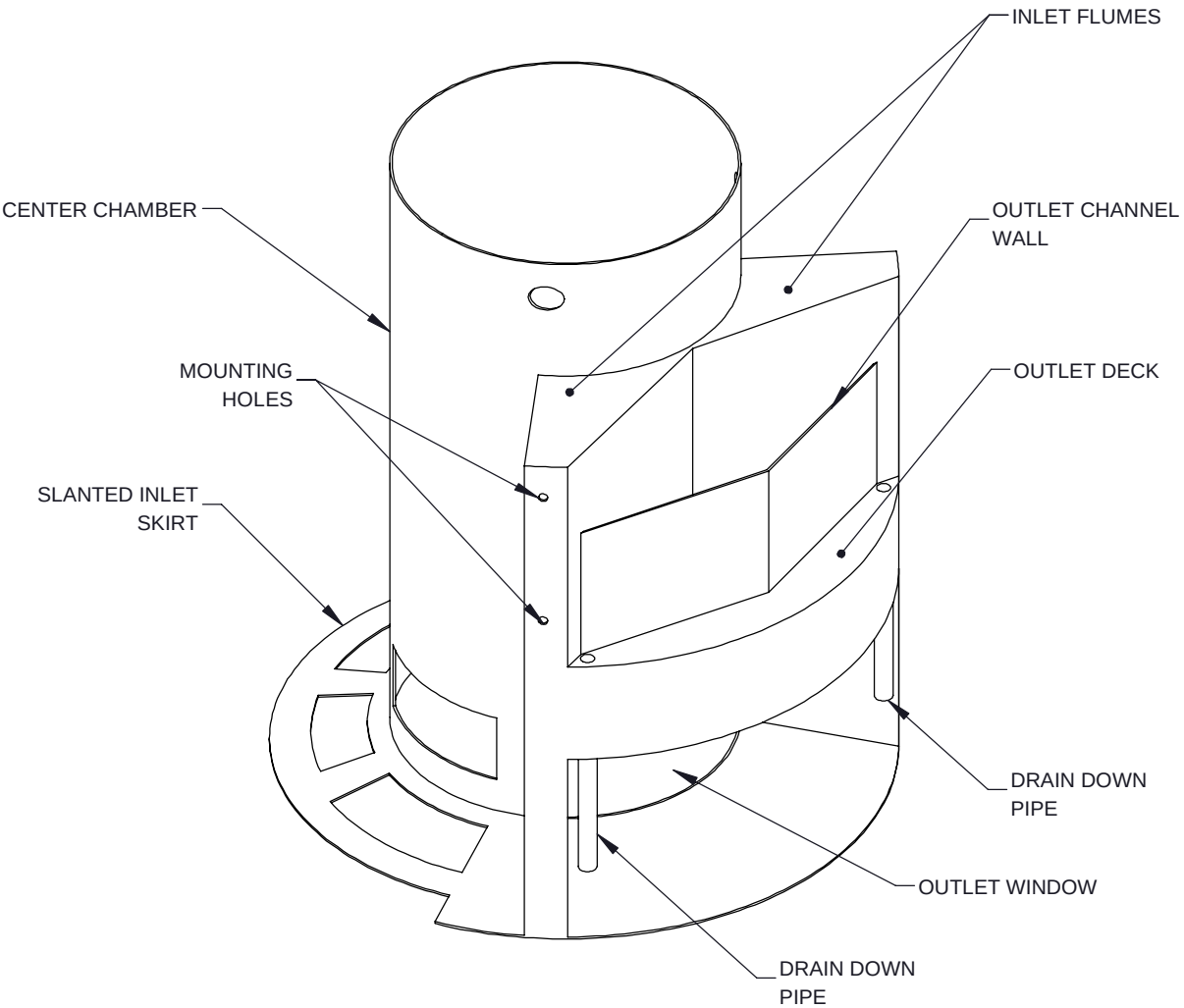
PLAN VIEW



ELEVATION VIEW



ELEVATION VIEW: OUTLET SIDE



ISOMETRIC VIEW

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

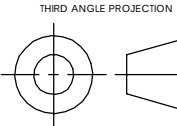
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REFERENCE DETAIL
INTERNALS ALUMINUM CS-3
CASCADE SEPARATOR



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: 325-004190		
APPROVED BY: M. BROOKS	DRAWN BY: J. BELL	
APPROVED BY DATE: 2021.10.21	DRAWN BY DATE: 2021.09.16	REV: A
SCALE: N/A	SHEET 1 OF 1	