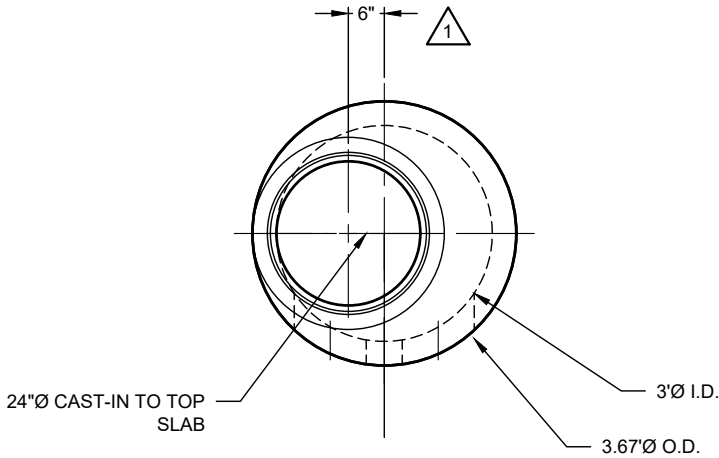
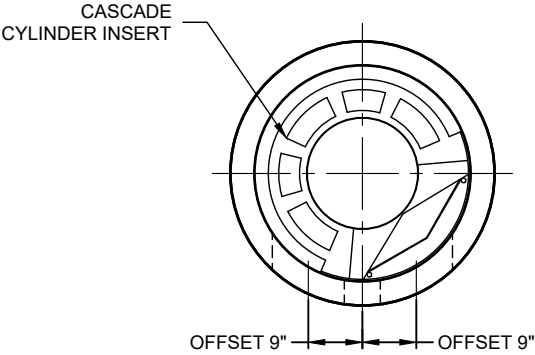


26-3418 861235 Circle K

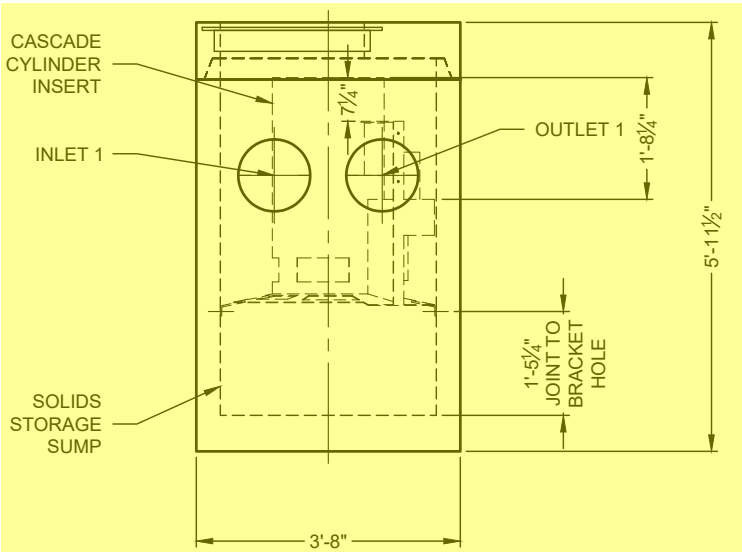


PLAN VIEW
INTERNALS NOT SHOWN

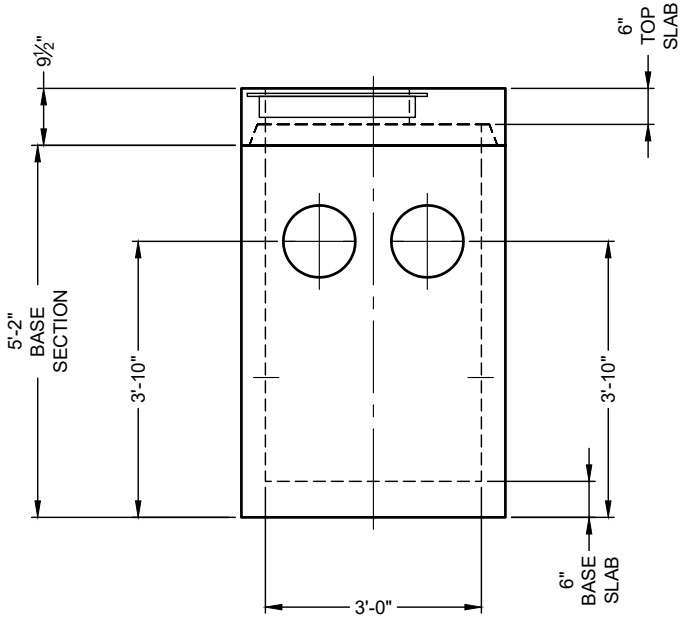


PLAN VIEW FOR PIPE ORIENTATION
TOP SLAB NOT SHOWN

SEE INSTALLATION NOTE A



ELEVATION VIEW



PRECAST COMPONENTS
INTERNALS NOT SHOWN

ICAST
5888 / 757440
LAYOUT 1A
1.97TS

CONTECH
FABRICATION
DRAWING

MATERIAL LIST

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	24"Ø X 4" FRAME AND COVER, EJ #41600389, OR EQUIV., CAST-IN	325-000350	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

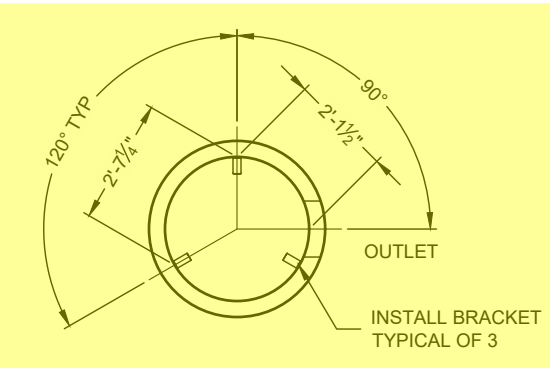
SITE INFORMATION

RIM ELEV. = 745.41+/-
TOP OF STRUCTURE = 745.48
INLET PIPE 1 INVERT ELEV. = 743.02
INLET PIPE 1 DIAMETER AND MATERIAL = 8"Ø HDPE
OUTLET PIPE INVERT ELEV. = 743.02
OUTLET PIPE DIAMETER AND MATERIAL = 8"Ø HDPE
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 739.52

STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 3500 LBS.
STRUCTURE IS DELIVERED IN 2 PIECES

TOP SLAB = 1000 LBS.
CONTROL RISER = N/A LBS.
BASE SECTION = 3500 LBS.



SUPPORT BRACKET LAYOUT PLAN VIEW

The design and information shown on this drawing is the property of CONTECH Engineered Solutions LLC and is to be used only for the project and location specified. It is the responsibility of the user to verify the accuracy of the information and to ensure that the design is suitable for the intended application. CONTECH disclaims any liability or responsibility for such use.

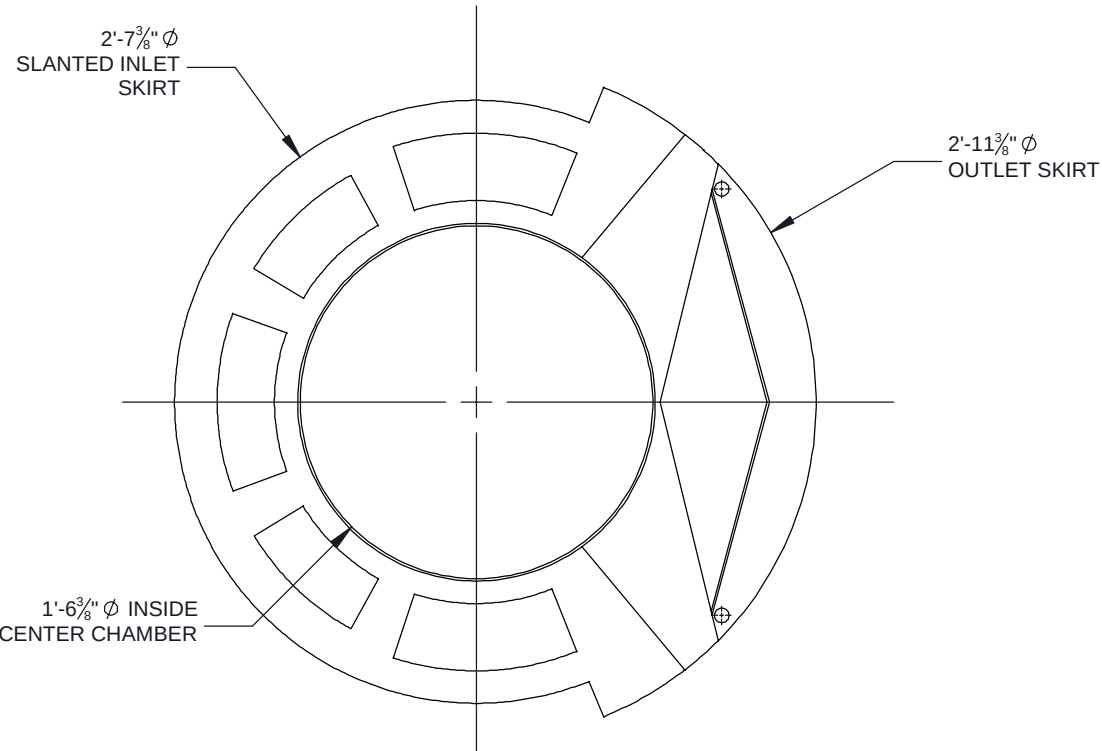
DATE	BY	REVISION DESCRIPTION
8/20/2026	MDB	CASTING DIM
1	MARK	

CS-3 - 861235-30
CIRCLE K STORES INC. - RELO
MIDDLETOWN, KY
LOUISVILLE, KY
SITE DESIGNATION: WQU - C

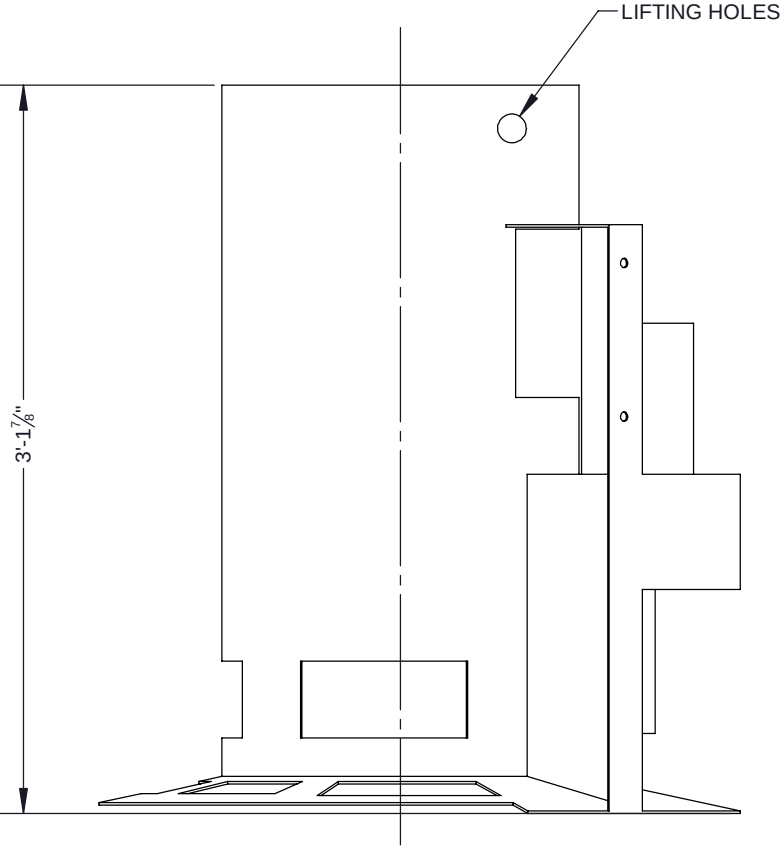
CONTECH
ENGINEERED SOLUTIONS LLC
A CONTECH COMPANY
910 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-345-7000 513-945-7893 FAX
CASCADE
separator®
FOR PATENT INFORMATION, GO TO www.contechES.com/IP

DATE:	8/5/2026
DESIGNED:	MDB
DRAWN:	MDB
CHECKED:	MSB
APPROVED:	MDB
PROJECT No.:	861235
SEQUENCE No.:	30
SHEET:	1 OF 1

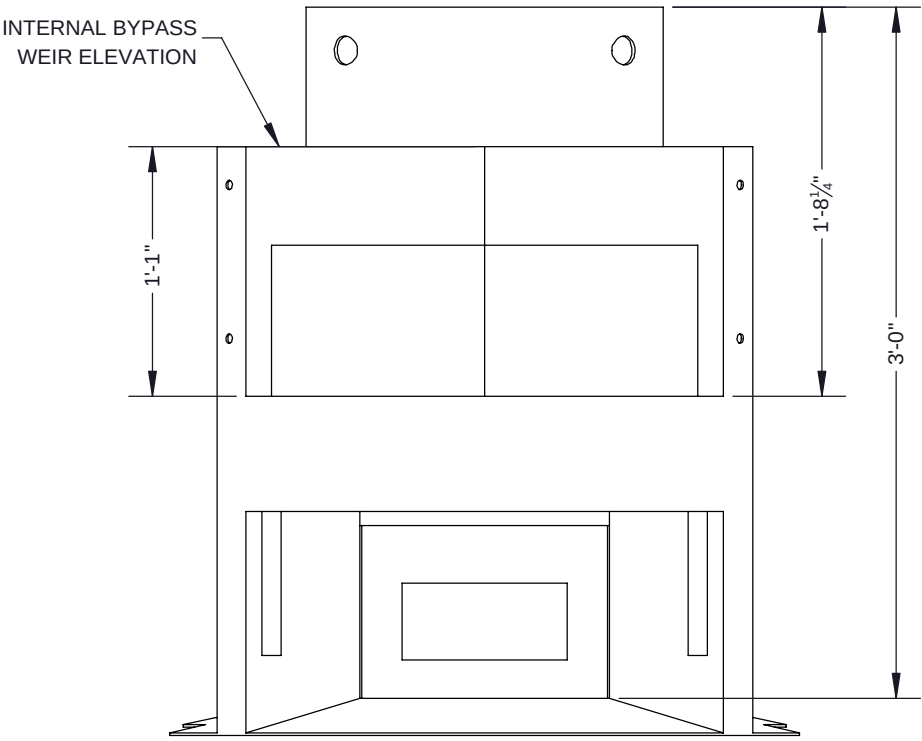




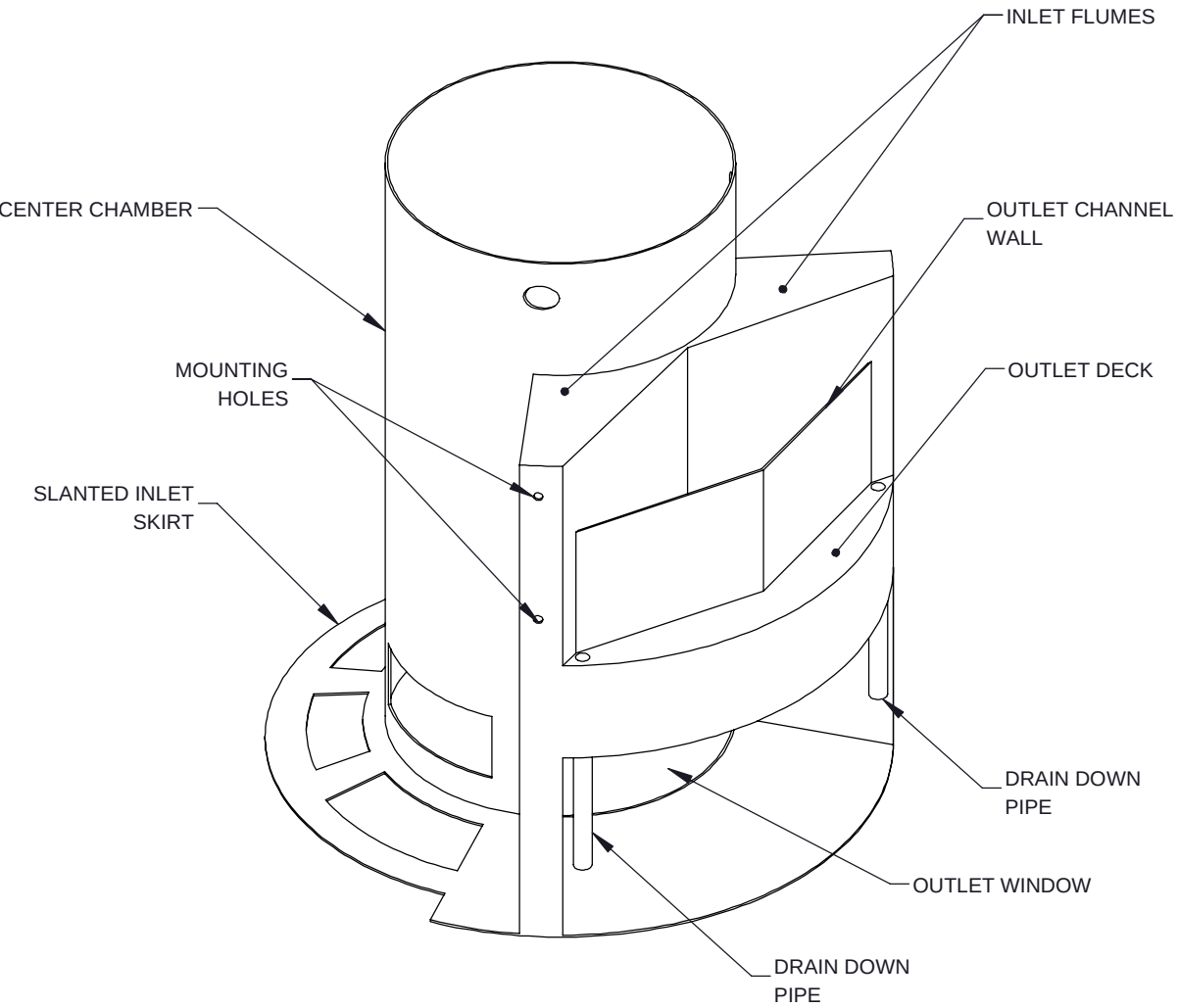
PLAN VIEW



ELEVATION VIEW



ELEVATION VIEW: OUTLET SIDE



ISOMETRIC VIEW

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

The design and information shown on this drawing is provided as a service to the project owner, engineer and contractor by Contech Engineered Solutions LLC, or one of its affiliated companies ("Contech"). Neither this drawing, nor any part thereof, may be used, reproduced or modified in any manner without the prior written consent of Contech. Failure to comply is done at the user's own risk and Contech expressly disclaims any liability or responsibility for such use.

If discrepancies between the supplied information upon which the drawing is based and actual field conditions are encountered as site work progresses, these discrepancies must be reported to Contech immediately for re-evaluation of the design. Contech accepts no liability for designs based on missing, incomplete or inaccurate information supplied by others.

CASCADE
separator™

CONTECH
ENGINEERED SOLUTIONS LLC
www.ContechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

REFERENCE DETAIL
INTERNALS ALUMINUM CS-3
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: 325-004190		
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	