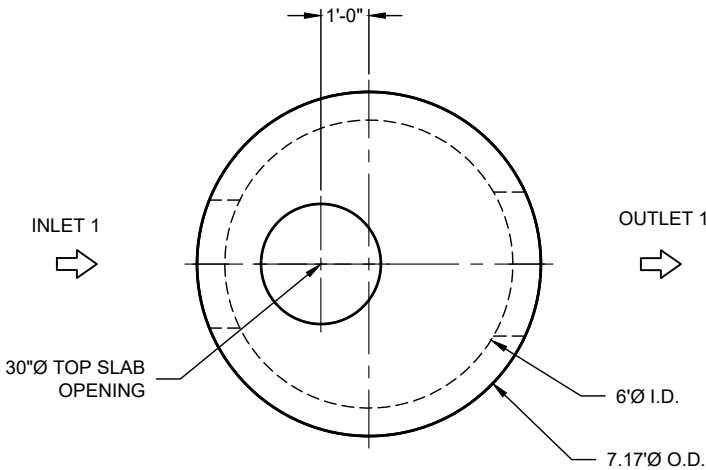
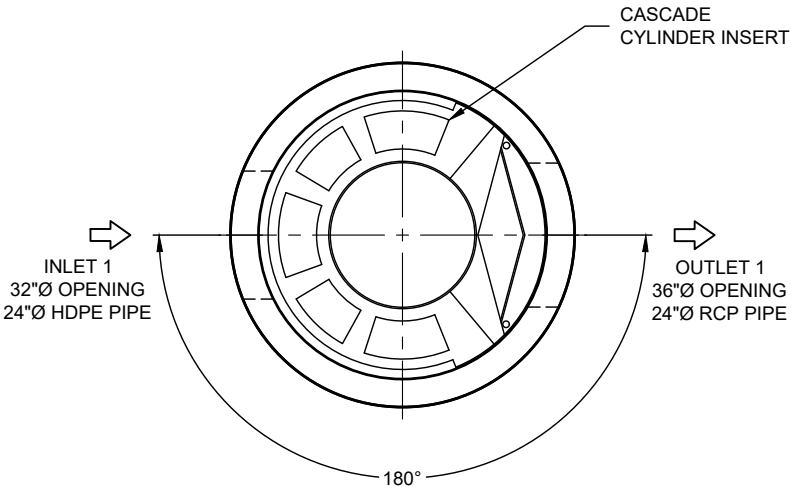




PLAN VIEW
INTERNALS NOT SHOWN



PLAN VIEW FOR PIPE ORIENTATION
TOP SLAB NOT SHOWN

MATERIAL LIST

COUNT	DESCRIPTION	PART NUMBER	PROVIDED BY	INSTALLED BY
1	CS-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

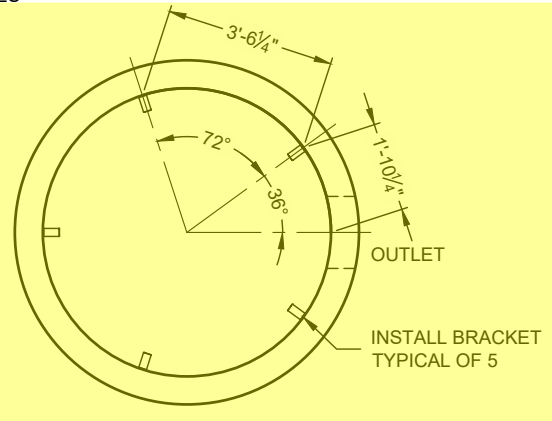
- GENERAL NOTES
- DESIGN LOADING - AASHTO HS-20
 - ALL PRECAST CONCRETE MANUFACTURED PARTS SHALL CONFORM TO ASTM C-478, WITH MINIMUM CONCRETE STRENGTH OF 4000 PSI AT 28 DAYS
 - JOINT SEALANT SHALL CONFORM TO ASTM C-990 OR ASTM C-443
 - GROUND WATER ELEVATION ASSUMED AT OUTLET INVERT
 - MANUFACTURING 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. = 1025.71+/-
TOP OF STRUCTURE = 1024.79
INLET PIPE 1 INVERT ELEV. = 1019.48
INLET PIPE 1 DIAMETER AND MATERIAL = 24"Ø HDPE
OUTLET PIPE INVERT ELEV. = 1019.38
OUTLET PIPE DIAMETER AND MATERIAL = 24"Ø RCP
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 1012.87

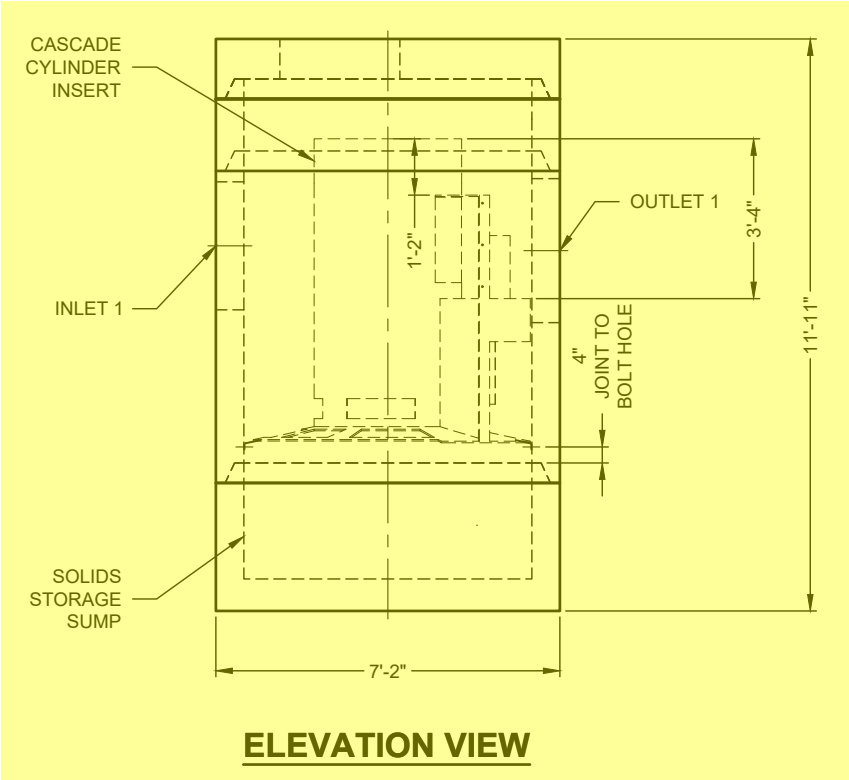
STRUCTURE WEIGHT
APPROXIMATE HEAVIEST PICK = 11500 LBS.
STRUCTURE IS DELIVERED IN 4 PIECES

TOP SLAB = 5000 LBS.
RISER 2 = 3000 LBS. LBS.
CONTROL RISER = 11500 LBS.
BASE SECTION = 8500 LBS.

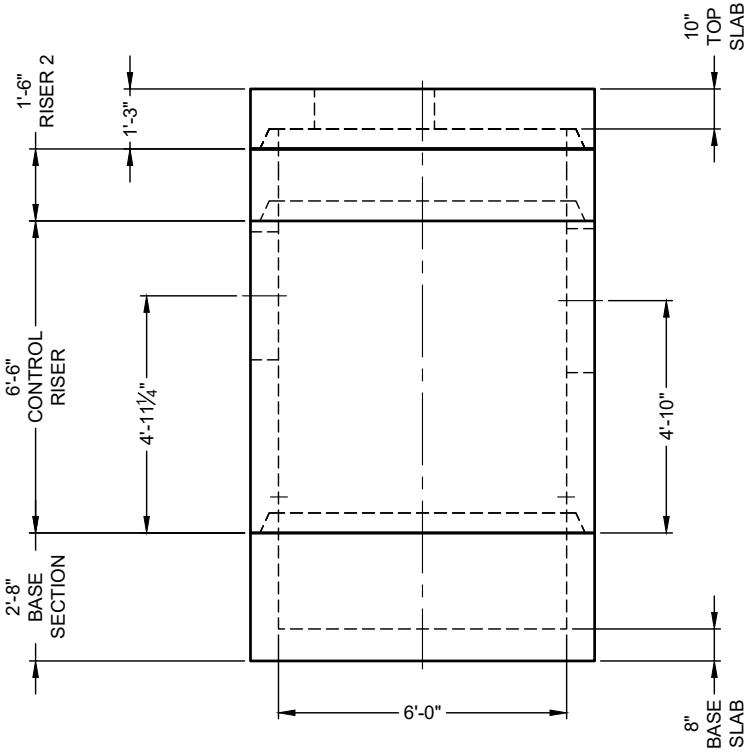


SUPPORT BRACKET LAYOUT PLAN VIEW

10-CS-6
ICAST to fully pre-assemble internal materials prior to shipment



ELEVATION VIEW



PRECAST COMPONENTS
INTERNALS NOT SHOWN

ICAST
5888 / 757440
LAYOUT 1A
13.10TS

CONTECH
FABRICATION
DRAWING

CS-6 - 90509-10
KROGER STORE - L966
NICHOLASVILLE, KY
SITE DESIGNATION: SYSTEM
DESIGNATION

CONTECH

ENGINEERED SOLUTIONS LLC

www.contechies.com

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.contechies.com/PP

DATE: 9/3/2026

DESIGNED: MDB

CHECKED: LJK

PROJECT No.: 90509

SHEET: 1

DRAWN: MDB

APPROVED: MDB

SEQUENCE No.: 10

OF 1

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MSB

BY

DATE

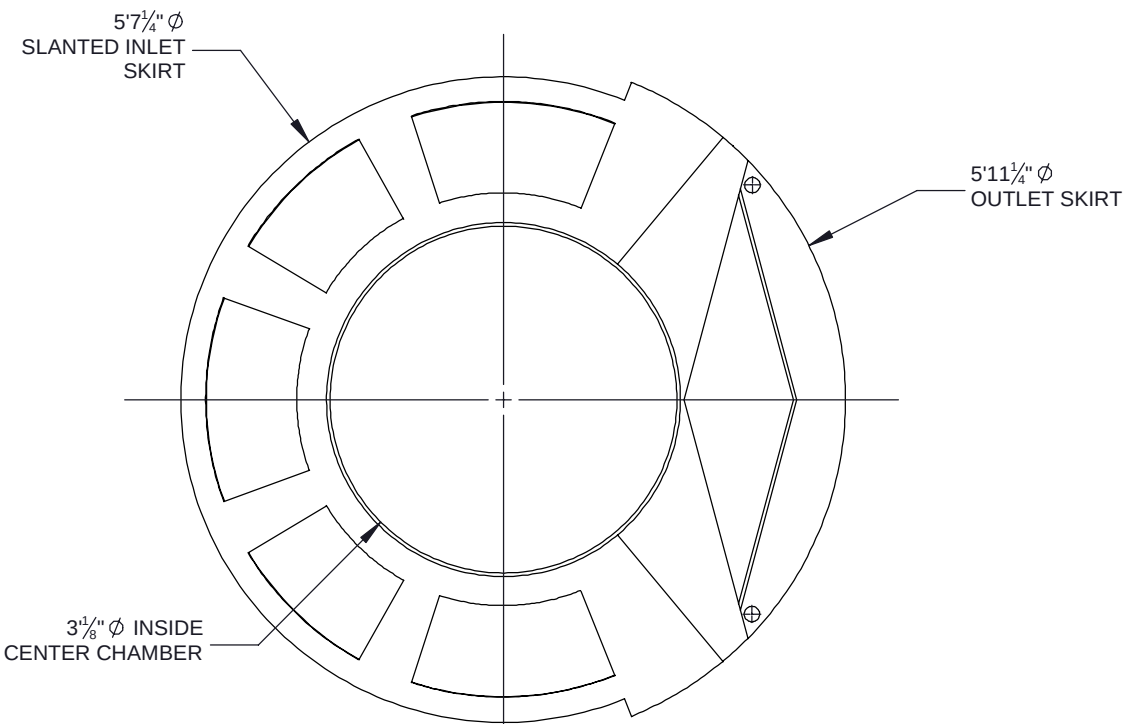
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REVISION DESCRIPTION

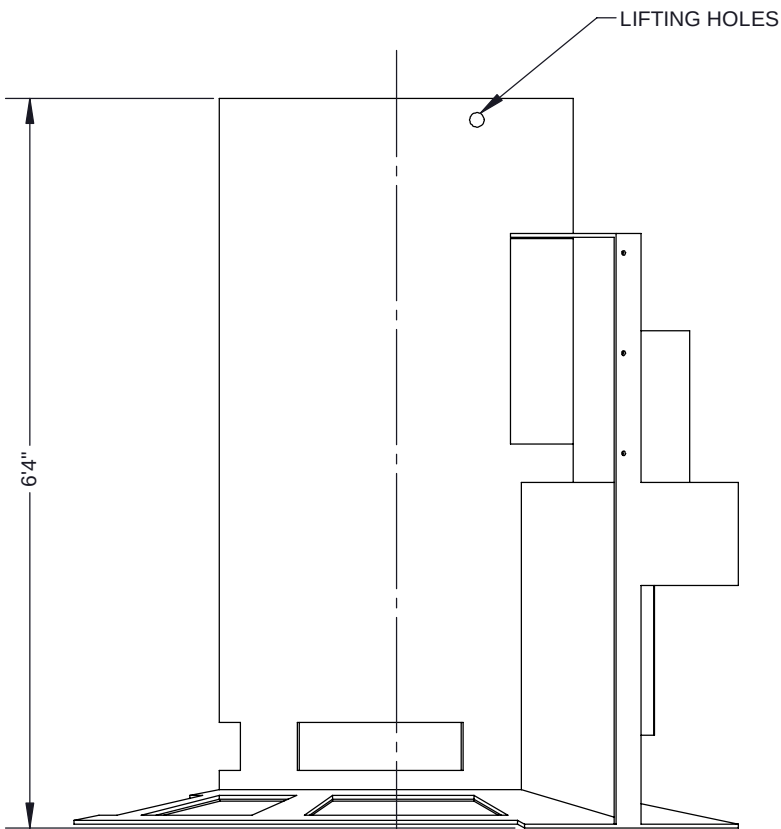
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10/2/26

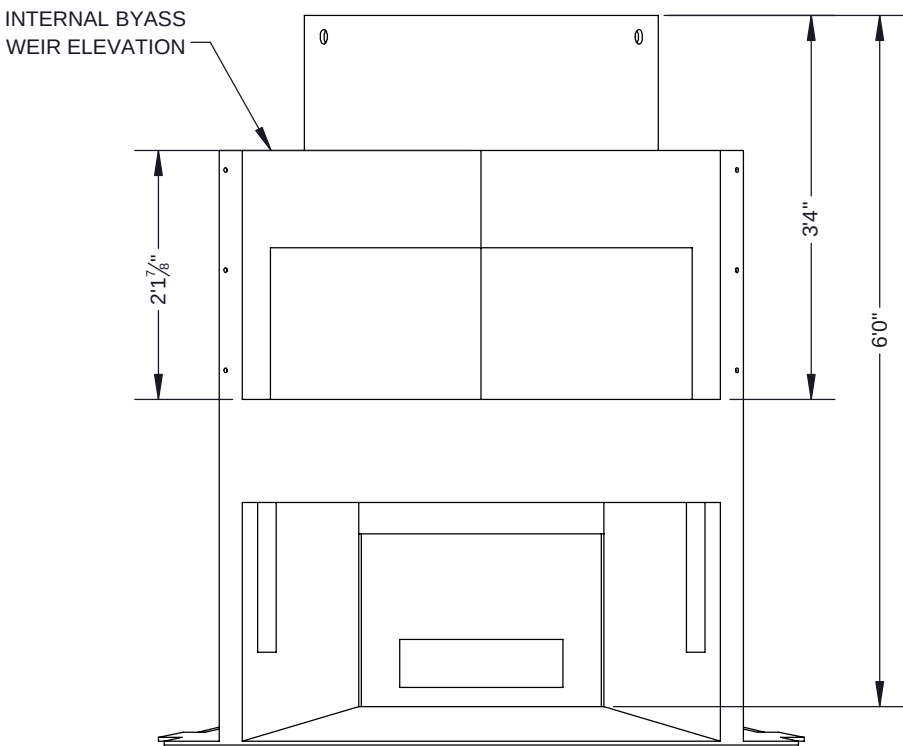
UPDATED RISER SECTIONS



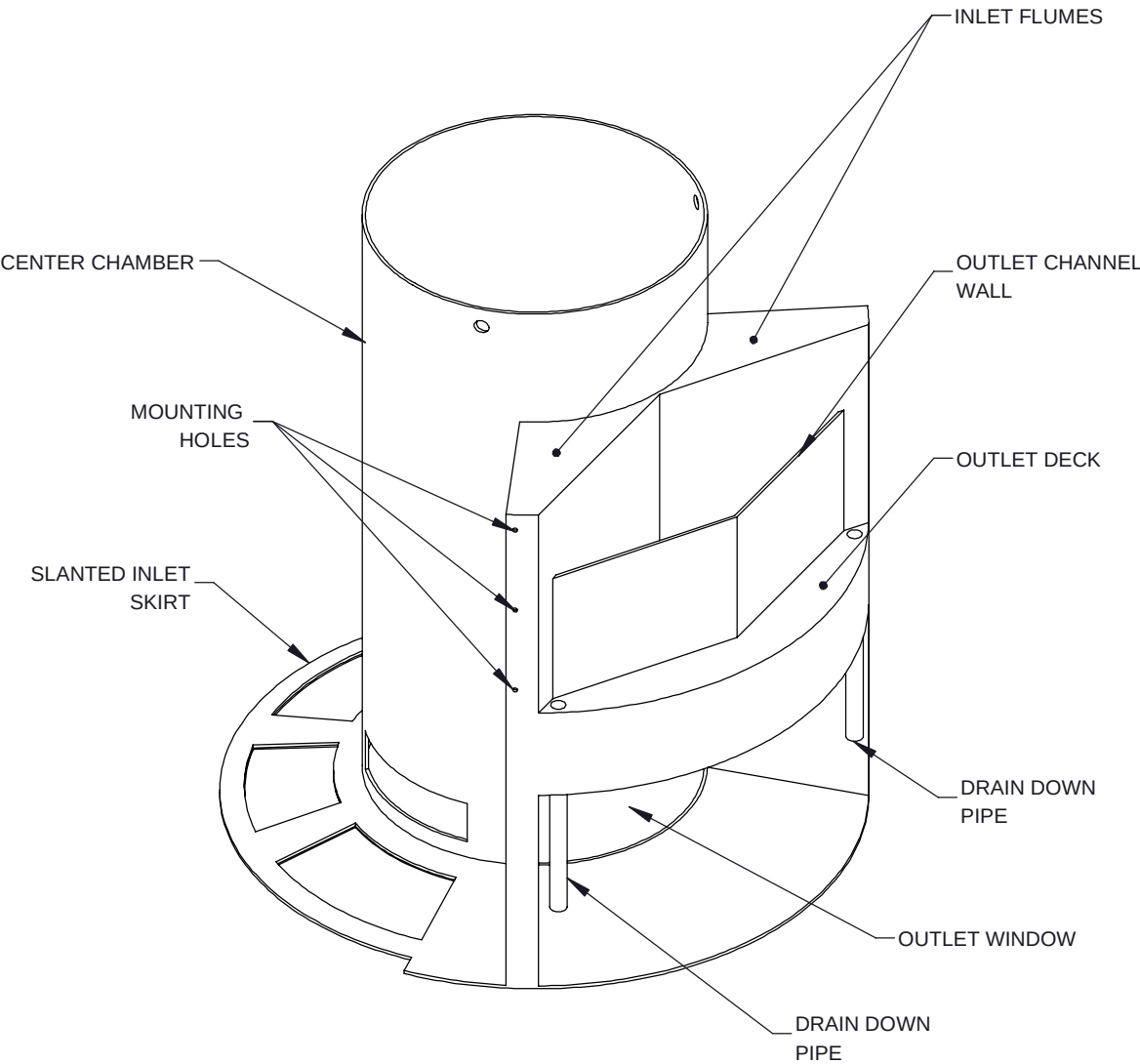
PLAN VIEW



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-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	

