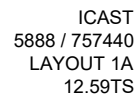




PRECAST COMPONENTS

INTERNALS NOT SHOWN



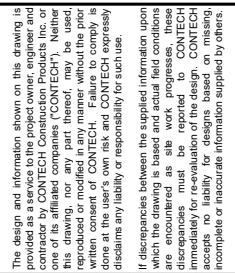
SUPPORT BRACKET LAYOUT PLAN VIEW

GENERAL NOTES

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

SITE INFORMATION
RIM ELEV. = 476.78+/-
TOP OF STRUCTURE = 476.26
INLET PIPE 1 INVERT ELEV. = 470.51
INLET PIPE 1 DIAMETER AND MATERIAL = 24"Ø RCP
OUTLET PIPE INVERT ELEV. = 470.51
OUTLET PIPE DIAMETER AND MATERIAL = 24"Ø RCP
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 464.84

TOP SLAB = 5000 LBS.
RISER 2 = 4000 LBS. LBS.
CONTROL RISER = MECHANICALLY ATTACHED TO BASE SECTION
BASE SECTION = 19000 LBS.



CS-6 - 852136-10
TRACE DIECAST
BOWLING GREEN, KY
SITE DESIGNATION: WQU

CONTECH
ENGINEERED SOLUTIONS LLC
A **CONCRETE** COMPANY

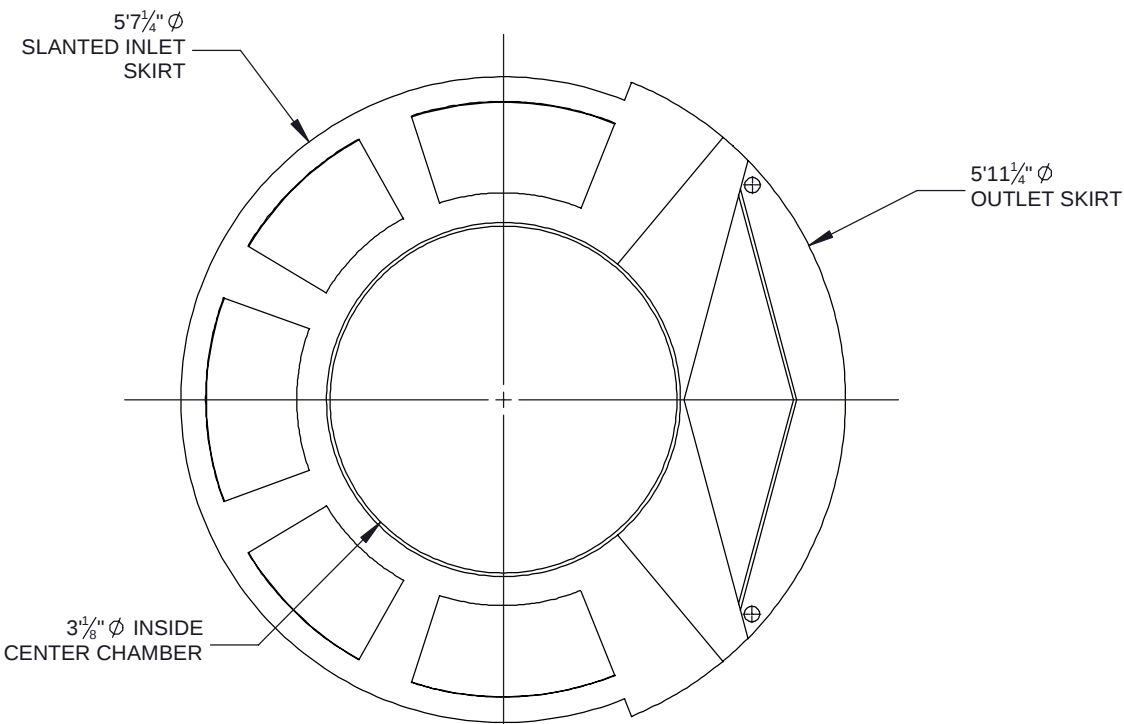
9100 Centre Pointe Dr., Suite 400, West Chester, OH 93699
800-338-1122 513-945-7000 513-945-7993 FAX

CASCADE
separator[®]

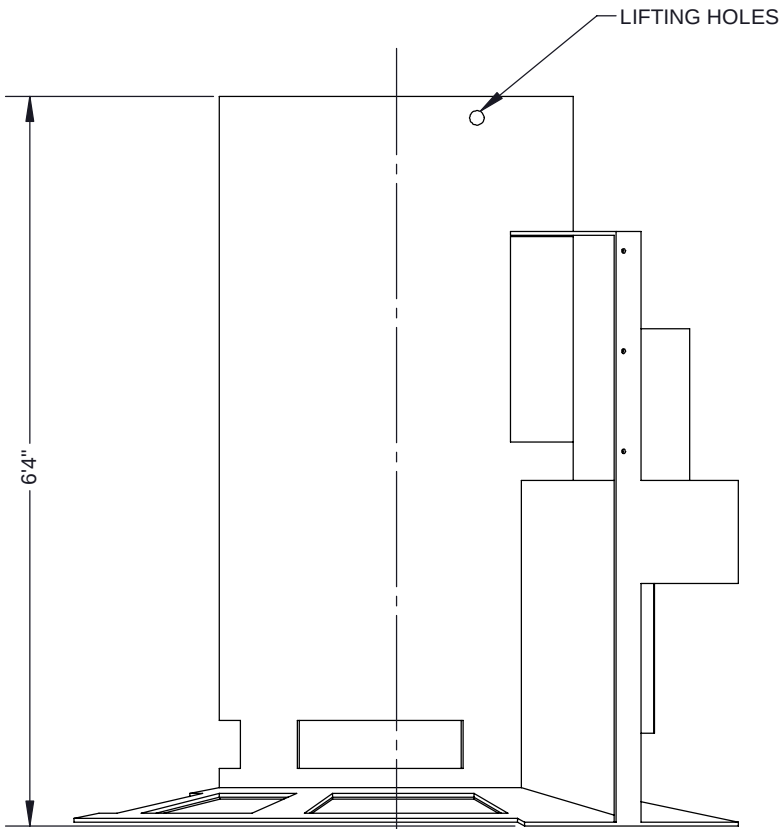
FOR PATENT INFORMATION, GO TO www.Concrete.com/rip

DATE: 4/29/2026	
DESIGNED: MDB	DRAWN: MDB
CHECKED: PNK	APPROVED: MDB
PROJECT No.: 852136	SEQUENCE No.: 10
SHEET: 1 OF 1	

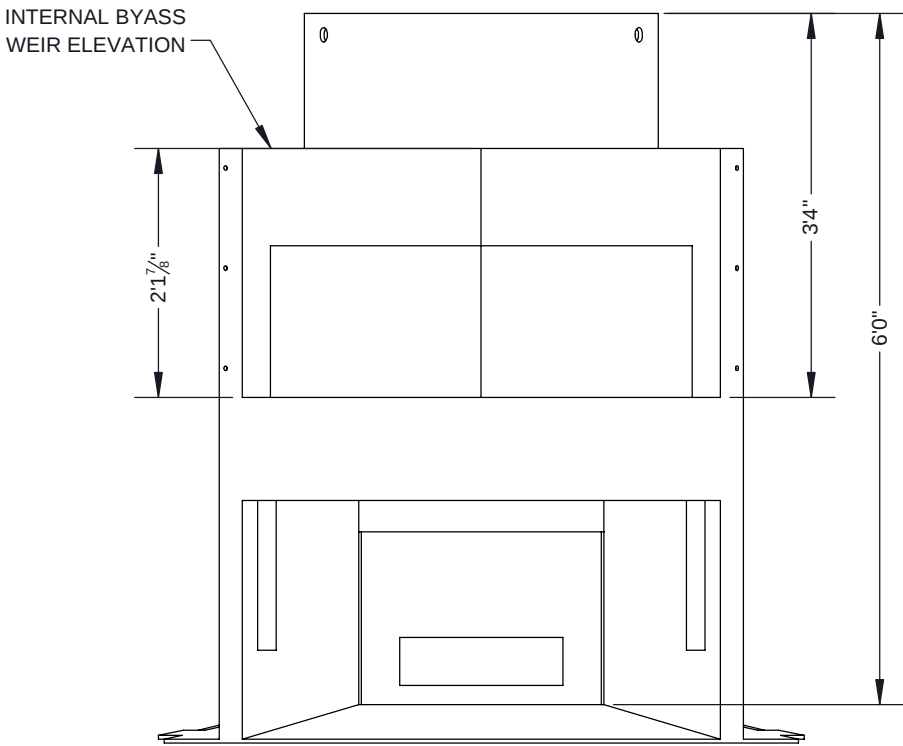




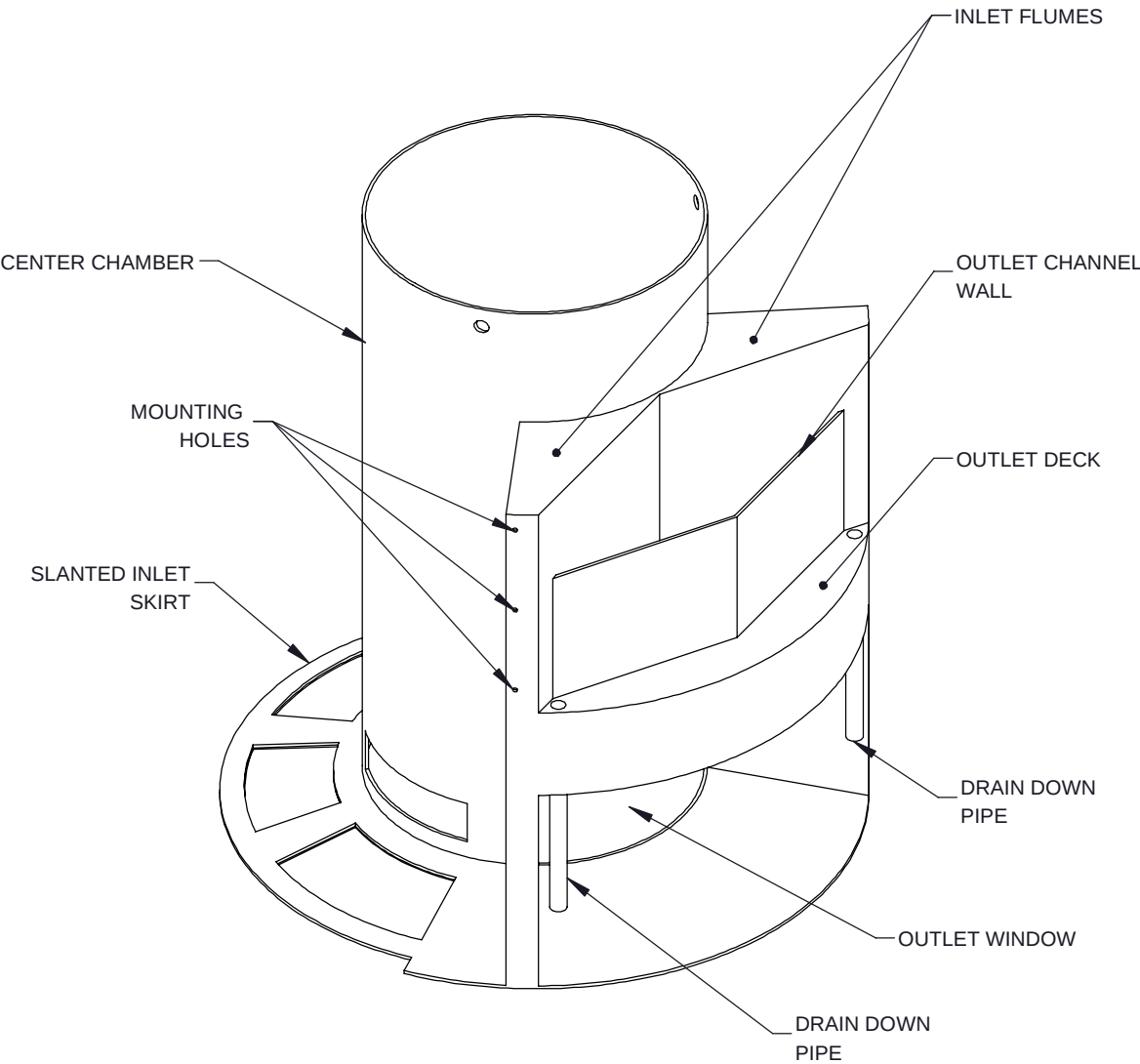
PLAN VIEW



ELEVATION VIEW



ELEVATION VIEW: OUTLET SIDE



ISOMETRIC VIEW

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

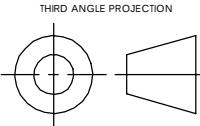
The design and information shown on this drawing is provided as a service to the project owner, engineer and contractor by Contech Engineered Solutions LLC, or one of its affiliated companies ("Contech"). Neither this drawing, nor any part thereof, may be used, reproduced or modified in any manner without 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 CS-6
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: 325-003951		
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	