

C:\USERS\MICHAEL BEAVER\ONEDRIVE - THE QUIKRETE COMPANIES\DYNAMICS\365 - CONTECH - PROJECTS\859306\PRODUCTS\10-CASCADE 8"DRAWINGS\859306-10-CS-8-CONFAB.DWG 8/12/2026 2:02 PM



SEE INSTALLATION NOTE A



CONTECH
FABRICATION
DRAWING

COUNT	DESCRIPTION	PART NUMBER	PROVIDED BY	INSTALLED BY
1	CS-8 CYLINDER INSERT, STD.	325-003952	CONTECH	PRECASTER
6	CS-8 ALUMINUM INSTALLATION BRACKETS	325-003971	CONTECH	PRECASTER
1	CS-8 HARDWARE KIT	325-003970	CONTECH	PRECASTER
1	SEALANT FOR JOINTS		PRECASTER	CONTRACTOR
2	24"Ø X 4" FRAME AND COVER, EJ #41600389, OR EQUIV.	325-000350	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. = 652.5+/-
 TOP OF STRUCTURE = 652.09
 INLET PIPE 1 INVERT ELEV. = 644.85
 INLET PIPE 1 DIAMETER AND MATERIAL = 15"Ø RCP
 OUTLET PIPE INVERT ELEV. = 644.85
 OUTLET PIPE DIAMETER AND MATERIAL = 15"Ø RCP
 OUTSIDE BOTTOM OF STRUCTURE ELEV. = 636.93

APPROXIMATE HEAVIEST PICK = 24000 LBS.
STRUCTURE IS DELIVERED IN 4 PIECES

TOP SLAB = 11000 LBS.
RISER 2 = 10000 LBS. LBS.
CONTROL RISER = 24000 LBS.
BASE SECTION = 19000 LBS.

[illegible]

CS-8 - 859306-010
SCHLATTER ROAD APARTMENTS
LOUISVILLE, KY
SITE DESIGNATION: #58 WQU

CONTECH[®]
ENGINEERED SOLUTIONS LLC

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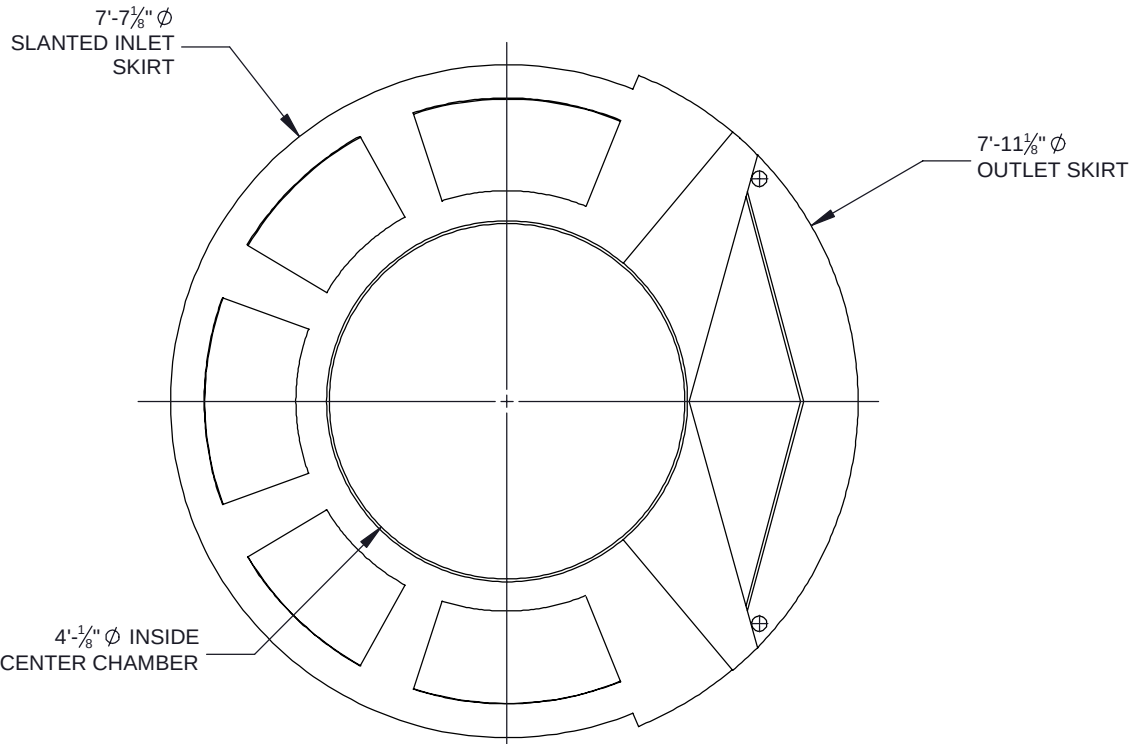
FOR PATENT INFORMATION, GO TO www.conteches.com/tp

7/27/26

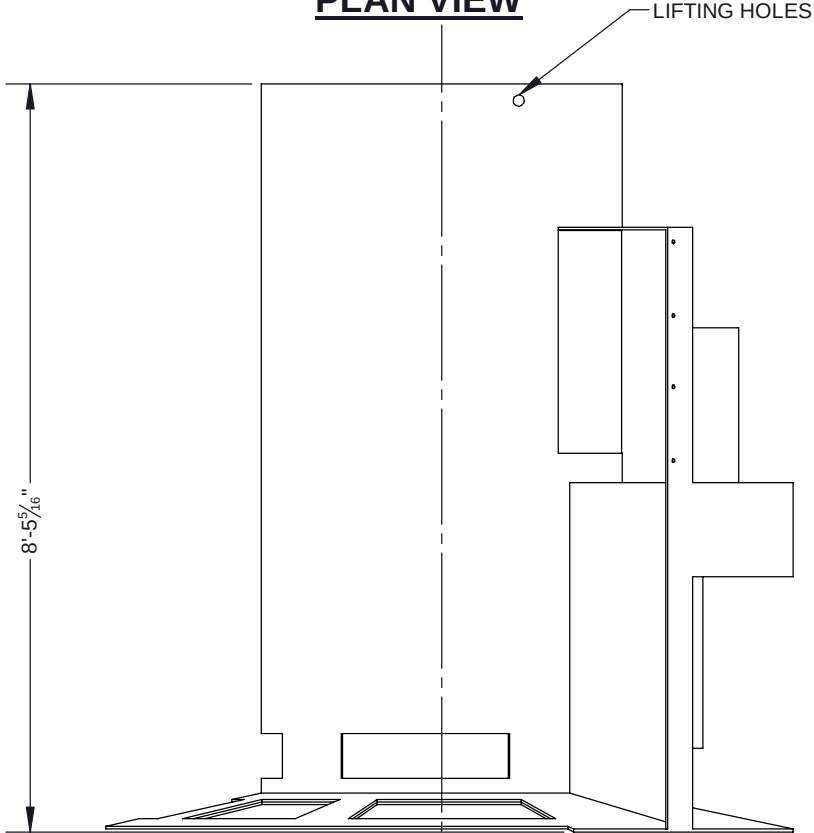
APPROVED:

SEQUENCE No.:

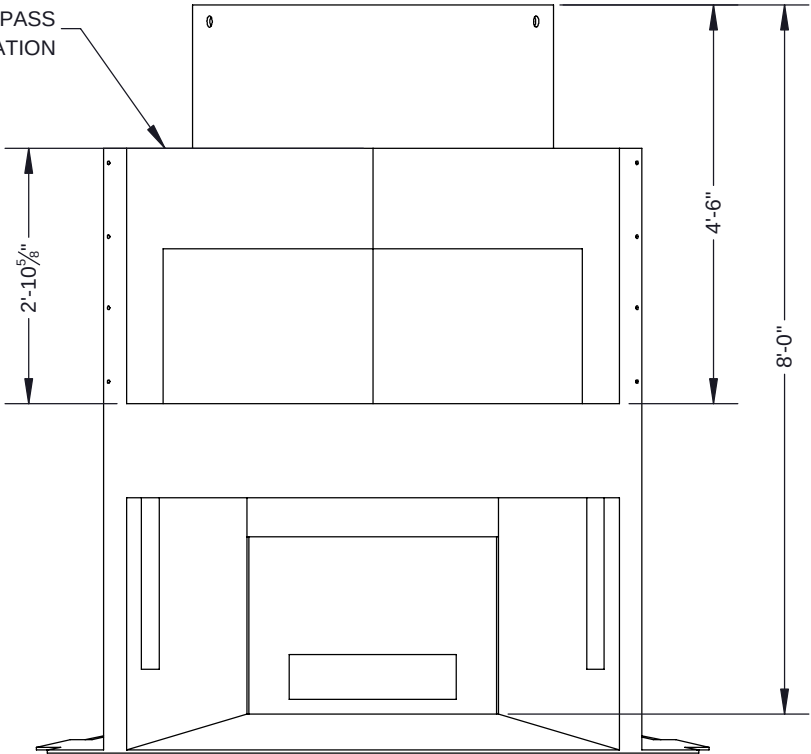




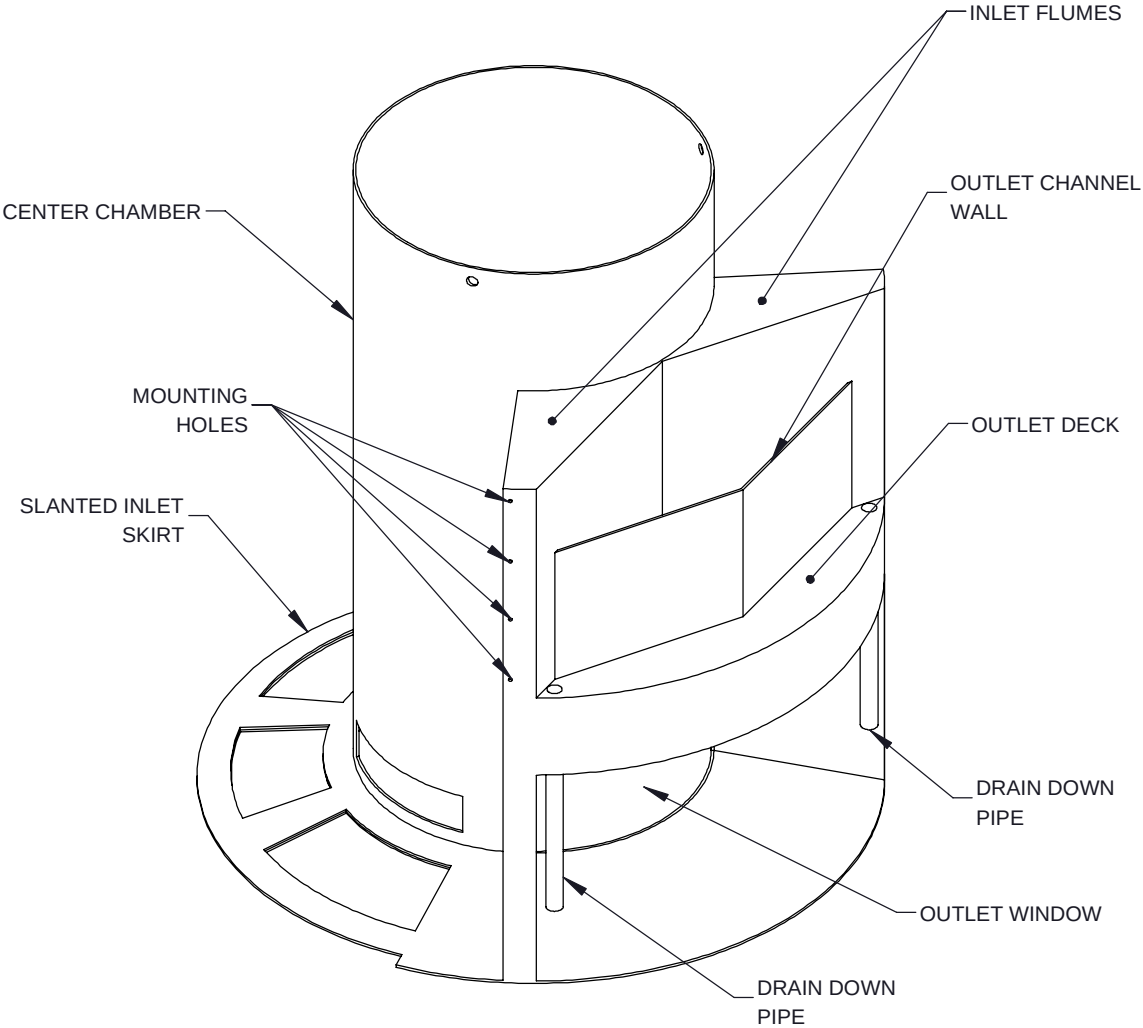
PLAN VIEW



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 CS-8
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: 325-003952		
APPROVED BY: M. BROOKS	DRAWN BY: J. BELL	
APPROVED BY DATE: 2021.10.21	DRAWN BY DATE: 2021.09.15	REV: C
SCALE: N/A	SHEET 1 OF 1	