

COUNT	DESCRIPTION	PART NUMBER	PROVIDED BY	INSTALLED BY
1	CS-4 CYLINDER INSERT, STD.	325-003949	CONTECH	PRECASTER
4	CS-4 ALUMINUM INSTALLATION BRACKETS	325-003956	CONTECH	PRECASTER
1	CS-4 HARDWARE KIT	325-003955	CONTECH	PRECASTER
1	24" SQ. GRATE INLET TRAY	325-001751	CONTECH	CONTRACTOR
1	SEALANT FOR JOINTS		PRECASTER	CONTRACTOR
1	24" X 24" FRAME AND GRATE, EJ #45624050A01, OR EQUIV.	325-000363	CONTECH	CONTRACTOR

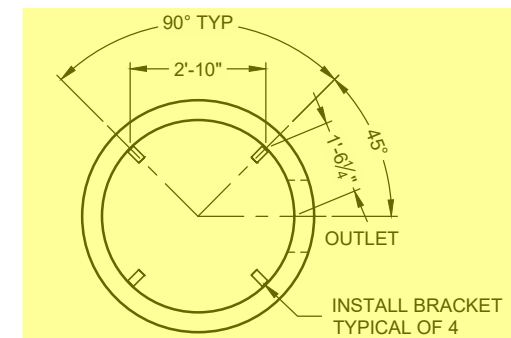
1. DESIGN LOADING - AASHTO HS-20
2. ALL PRECAST CONCRETE MANUFACTURED PARTS SHALL CONFORM TO ASTM C-478, WITH MINIMUM CONCRETE STRENGTH OF 4000 PSI AT 28 DAYS
3. JOINT SEALANT SHALL CONFORM TO ASTM C-990 OR ASTM C-443
4. GROUND WATER ELEVATION ASSUMED AT OUTLET INVERT
5. MANUFACTURING TOLERANCE = +/- 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. = 943.81+/-
TOP OF STRUCTURE = 943.44
OUTLET PIPE INVERT ELEV. = 938.50
OUTLET PIPE DIAMETER AND MATERIAL = 18"Ø HDPE
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 934.00

APPROXIMATE HEAVIEST PICK = 8500 LBS.
STRUCTURE IS DELIVERED IN 2 PIECES

TOP SLAB = 2000 LBS.
CONTROL RISER = MECHANICALLY ATTACHED TO BASE SECTION
BASE SECTION = 8500 LBS.



ICAST
5888 / 757440
LAYOUT 1A
4.89TS

CONTECH
FABRICATION
DRAWING

SUPPORT BRACKET LAYOUT PLAN VIEW

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CS-4 - 900555-010
LITTLE CAESAR PIZZA HARRISONVILLE
HARRISONVILLE, MO
SITE DESIGNATION: SWQ-1

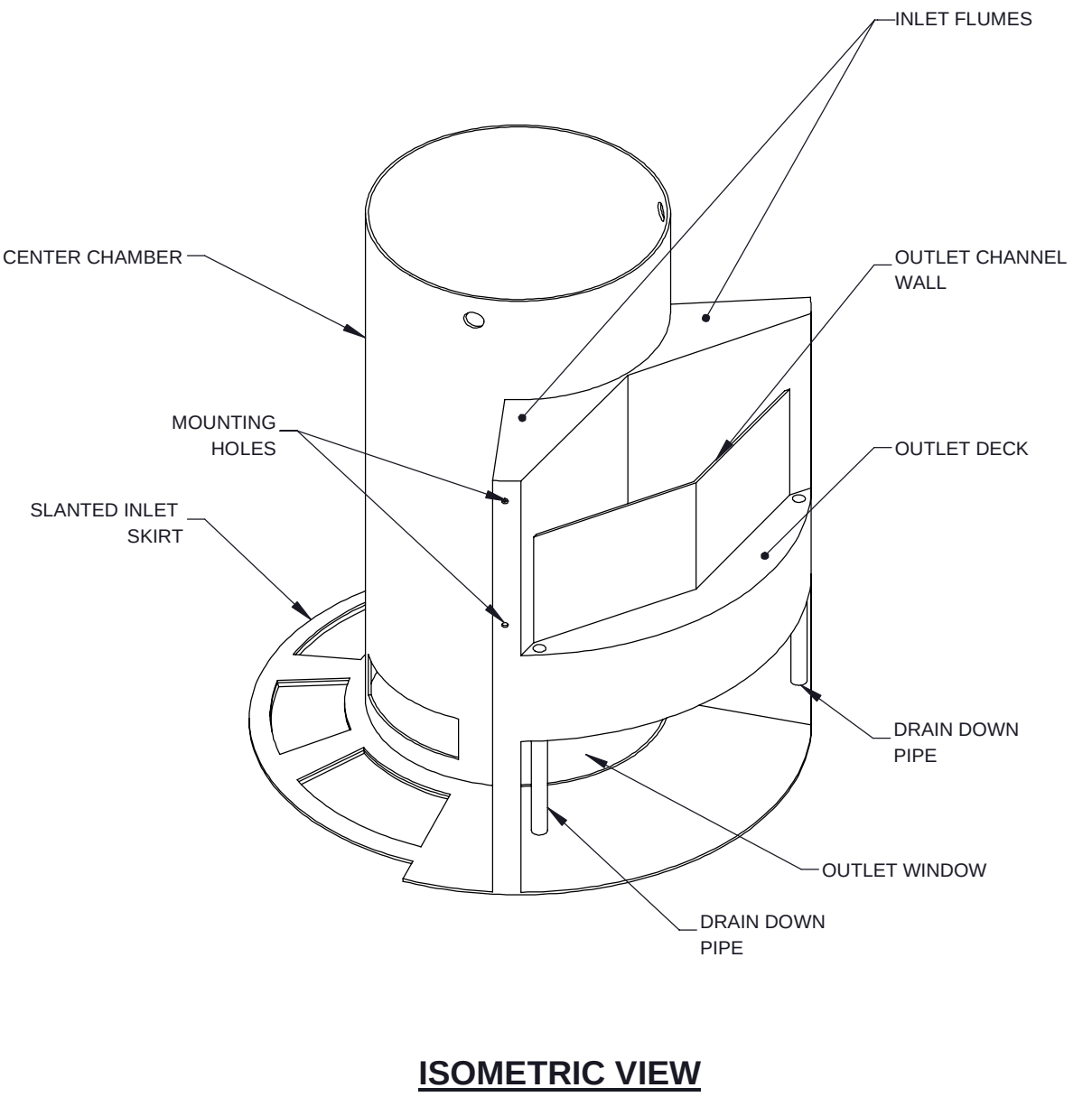
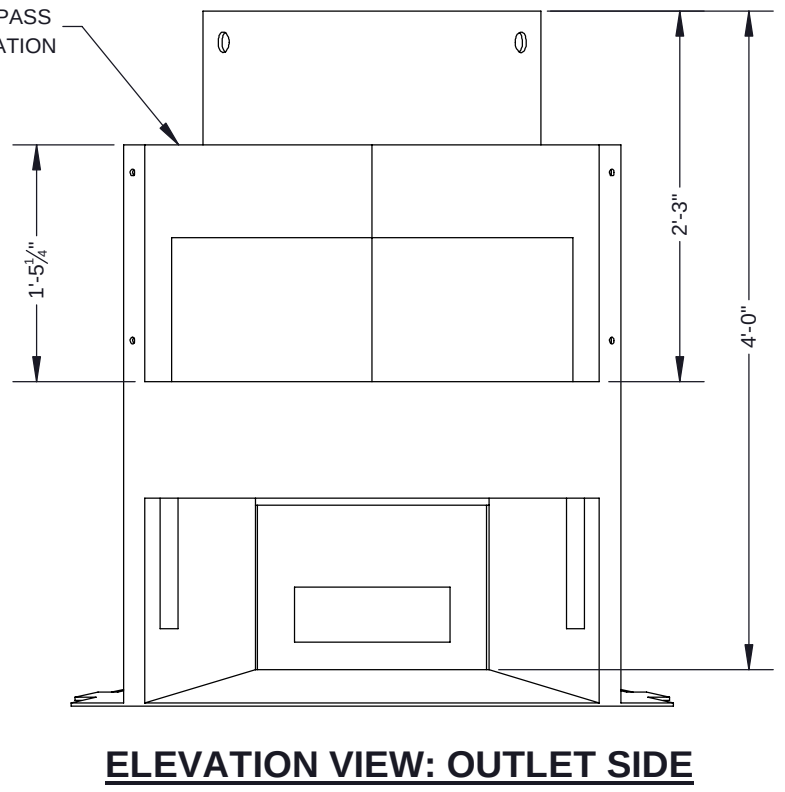
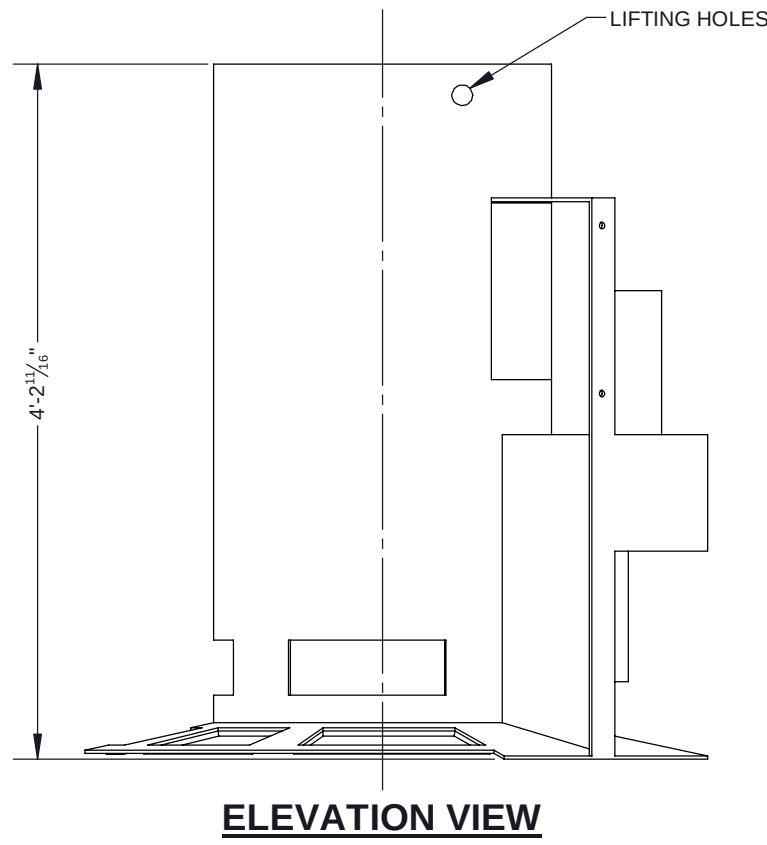
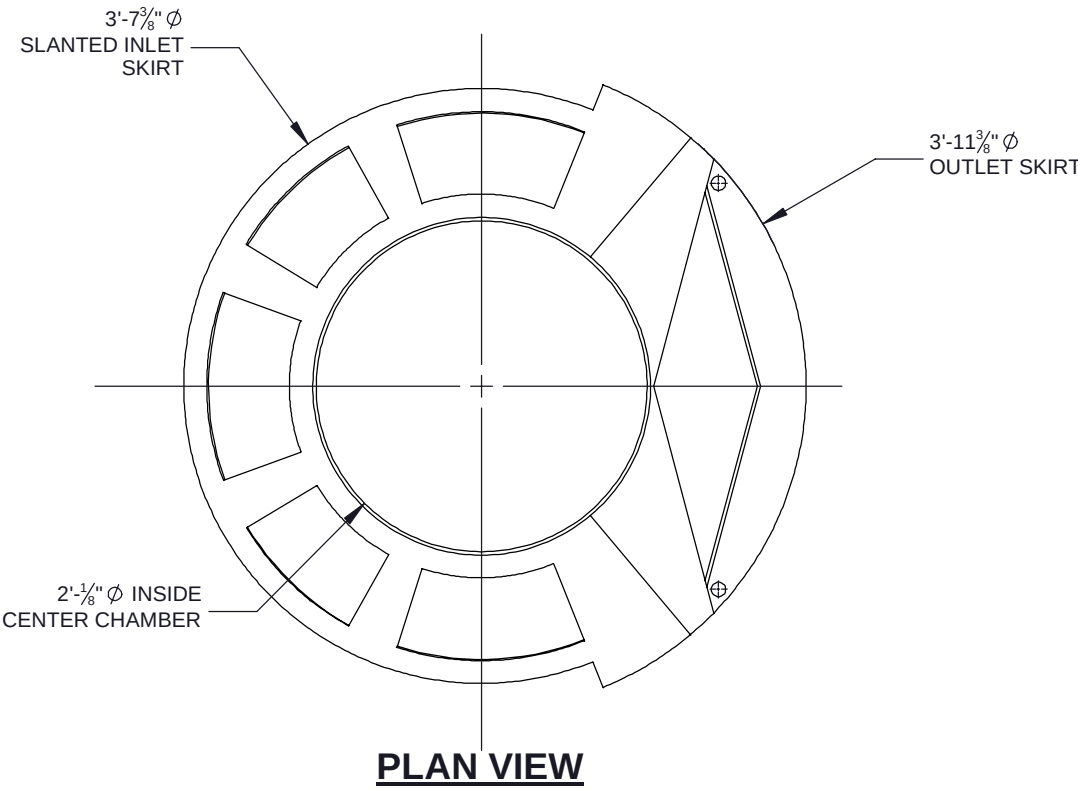
CONTECH.
ENGINEERED SOLUTIONS LLC
A **GENERAL** COMPANY

9100 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-945-7000 513-945-7033 FAX

CASCADE
separator[®]

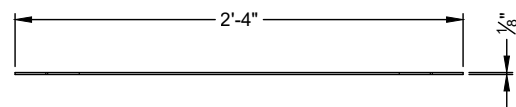
FOR PATENT INFORMATION, GO TO www.Conecilles.com/p

DATE: 4/20/2026	
DESIGNED: JRP	DRAWN: JRP
CHECKED: LJK	APPROVED: LJK
PROJECT No.: 900555	SEQUENCE No.: 010
SHEET: 1 OF 1	



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

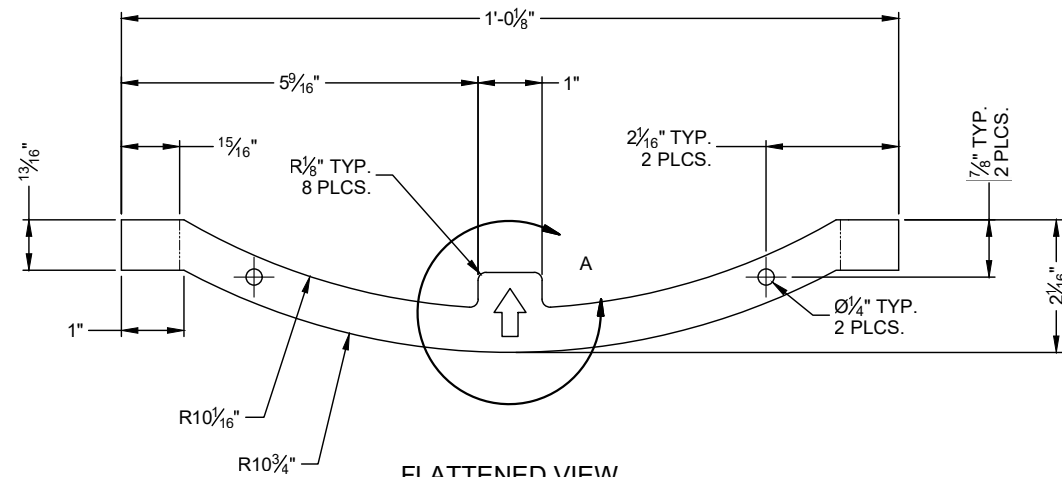
\\COMMONCADD\TREATMENT\168 PROJECT SPA\GRATE INLET TRAY DETAILS\DWG 3/13/2024 12:47 PM



ELEVATION VIEW

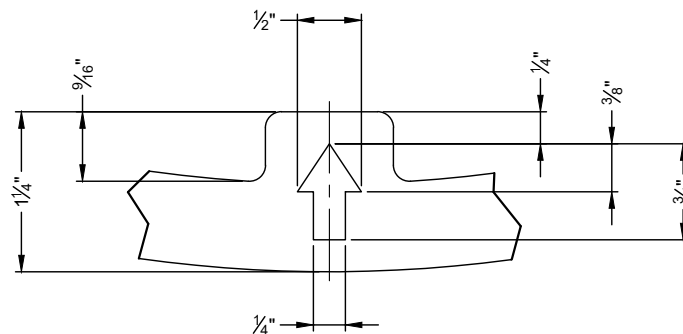


ELEVATION VIEW



FLATTENED VIEW

SCALE: 3" = 1'-0"



DETAIL A
NOT TO SCALE

TOLERANCES:
FRACTIONAL: +/- 1/16 INCH TWO PLACE DECIMAL: 0.12
ANGULAR: MACH +/- 1 INCH, BEND +/- 1 DEG. THREE PLACE DECIMAL: 0.060

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FABRICATION
DRAWING

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	3	3/13/24	CHANGE MOUNTING PAN TO PLATE		NDG
	2	7/23/20	EXTENDED BOTTOM PLATE		NDG
	1	3/24/17	NEW FORMAT		NDG
	MARK	DATE	REVISION DESCRIPTION		BY

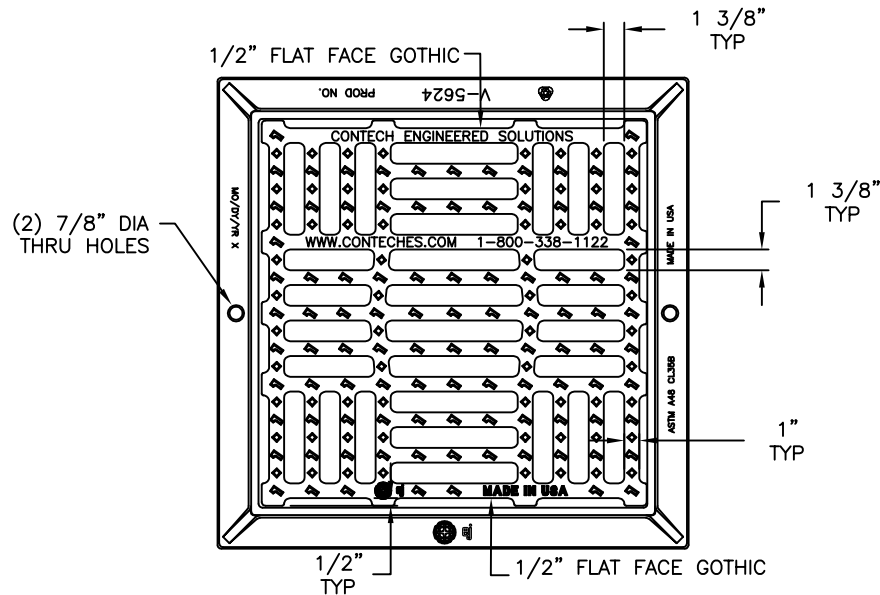
GRATE INLET TRAY DETAILS USE WITH 24" SQUARE TOP SLAB OPENING MOUNTING PLATE, SUPPORT AND INDEXER DETAILS

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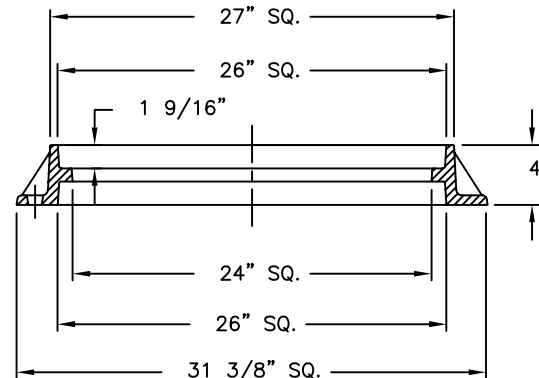
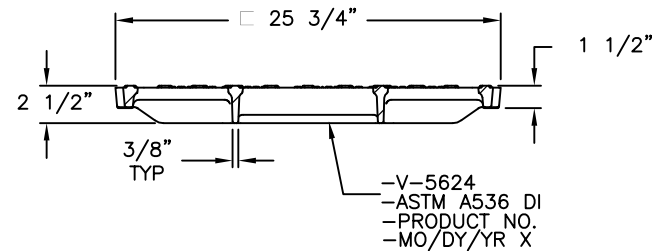
DATE: 10/6/16	
DESIGNED: GWB	DRAWN: NDG
CHECKED: GWB	APPROVED: GWB
PROJECT No.: N/A	SEQUENCE No.: N/A
SHEET: 1 OF 2	

26-2274 900555 Little Caesar Pizza Harrisonville

V5624 Assembly



PLAN VIEW



SECTION VIEW

Product Number

45624052A01

Design Features

- Materials
 - Frame
 - Gray Iron (CL35B)
 - Grate
 - Ductile Iron (70-50-05)

- Design Load
 - Heavy Duty
- Open Area
 - 318 SQ.IN.
- Coating
 - Undipped
- √ Designates Machined Surface

Certification

- ASTM A48
- ASTM A536
- AASHTO M306
- Country of Origin: USA

Major Components

45624010

45624052

Drawing Revision

10/12/2018 Designer: MAH

11/12/2018 Revised By: MAH

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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