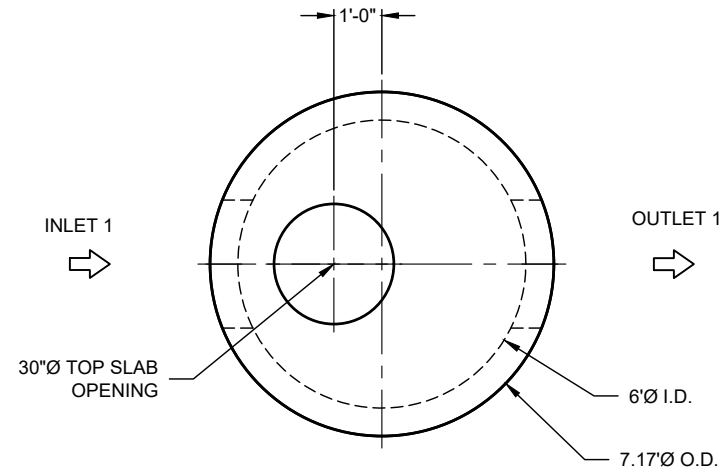


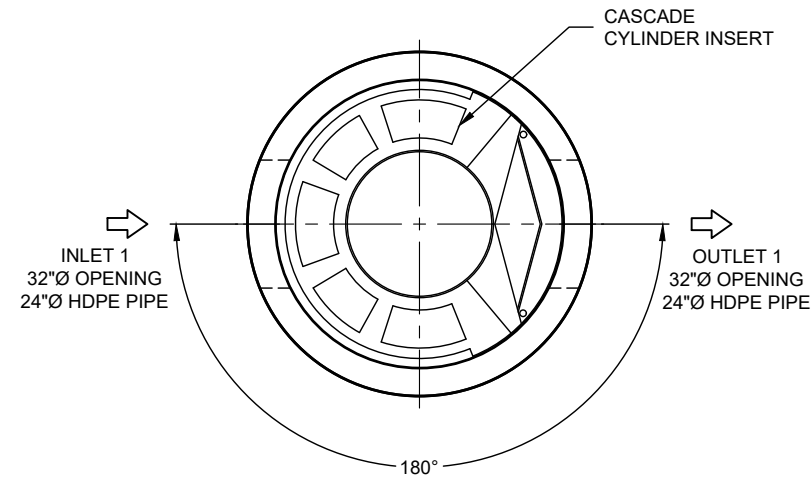
26-1929 743637 Indigo Apartments



PLAN VIEW
INTERNALS NOT SHOWN

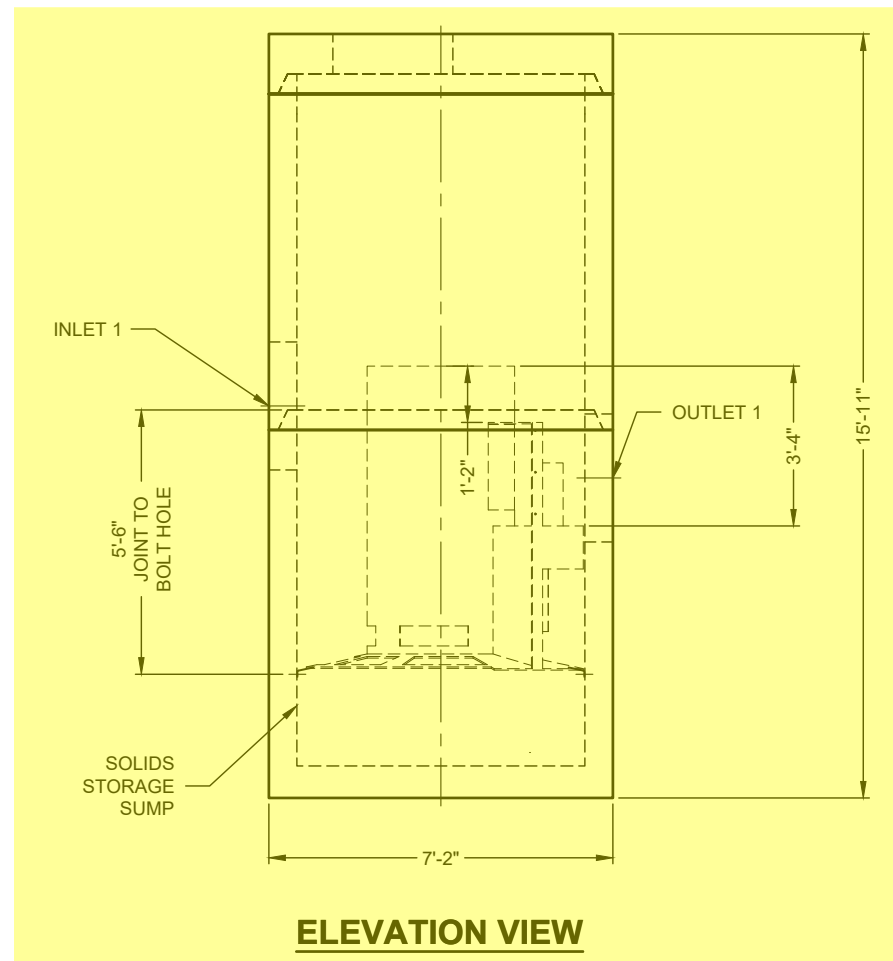
10-CS-6

ICAST to fully pre-assemble internal materials prior to shipment

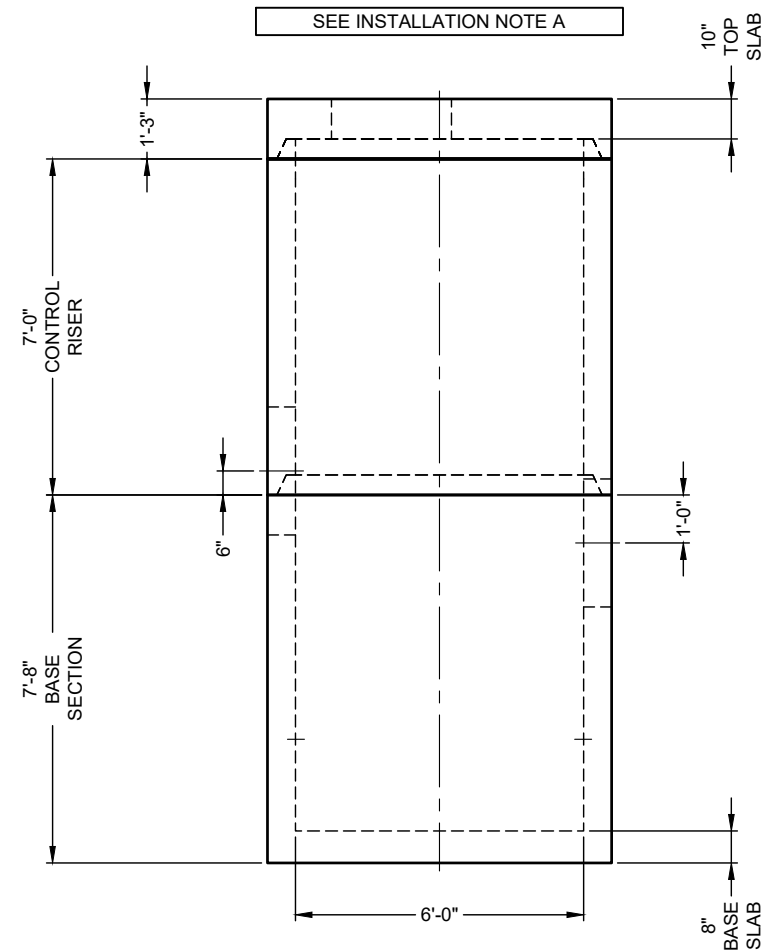


PLAN VIEW FOR PIPE ORIENTATION

TOP SLAB NOT SHOWN



ELEVATION VIEW



PRECAST COMPONENTS

INTERNALS NOT SHOWN

ICAST
5888 / 757440
LAYOUT 1A
17.28TS

CONTECH
FABRICATION
DRAWING

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

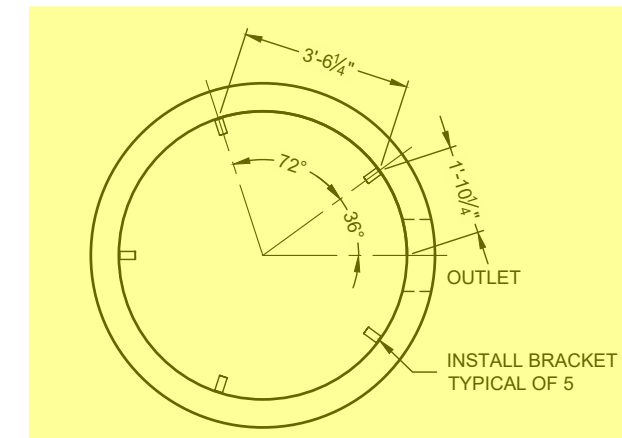
SITE INFORMATION

RIM ELEV. = 1005+/-
TOP OF STRUCTURE = 1004.25
INLET PIPE 1 INVERT ELEV. = 995.50
INLET PIPE 1 DIAMETER AND MATERIAL = 24"Ø HDPE
OUTLET PIPE INVERT ELEV. = 994.00
OUTLET PIPE DIAMETER AND MATERIAL = 24"Ø HDPE
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 988.33

STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 18000 LBS.
STRUCTURE IS DELIVERED IN 3 PIECES

TOP SLAB = 5000 LBS.
CONTROL RISER = 13500 LBS.
BASE SECTION = 18000 LBS.



SUPPORT BRACKET LAYOUT PLAN VIEW

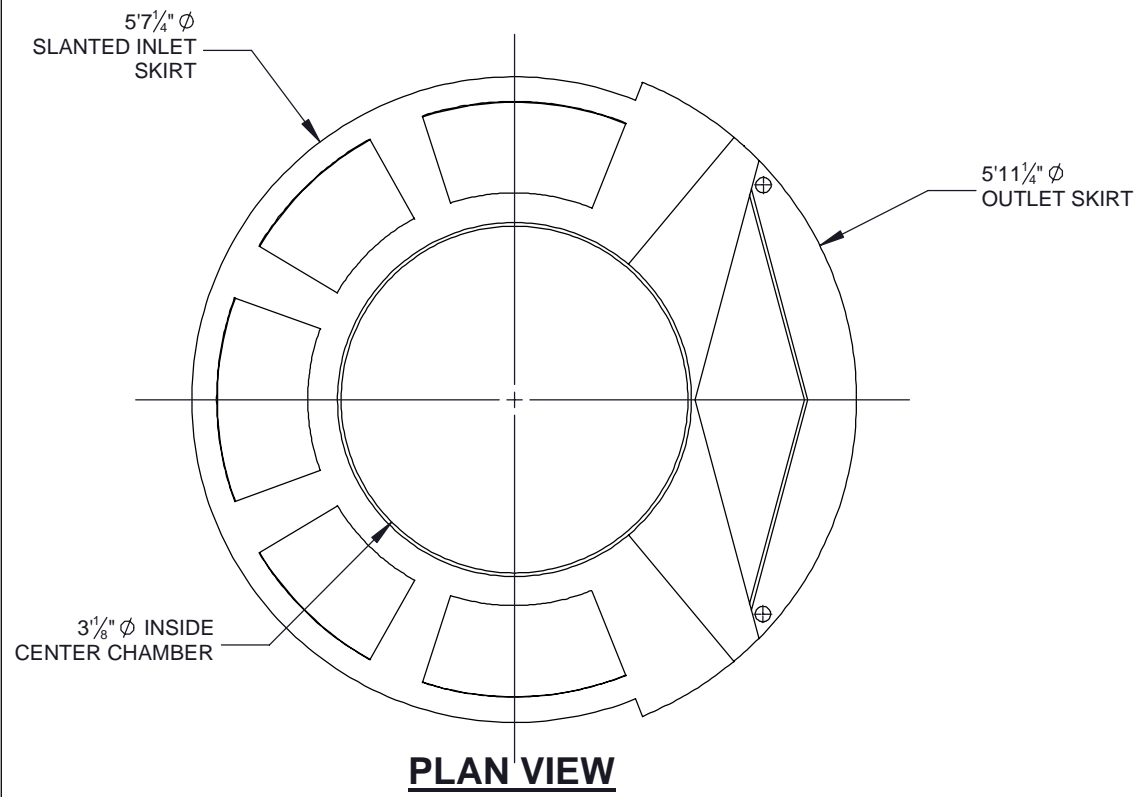
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MARK	DATE	REVISION DESCRIPTION	BY

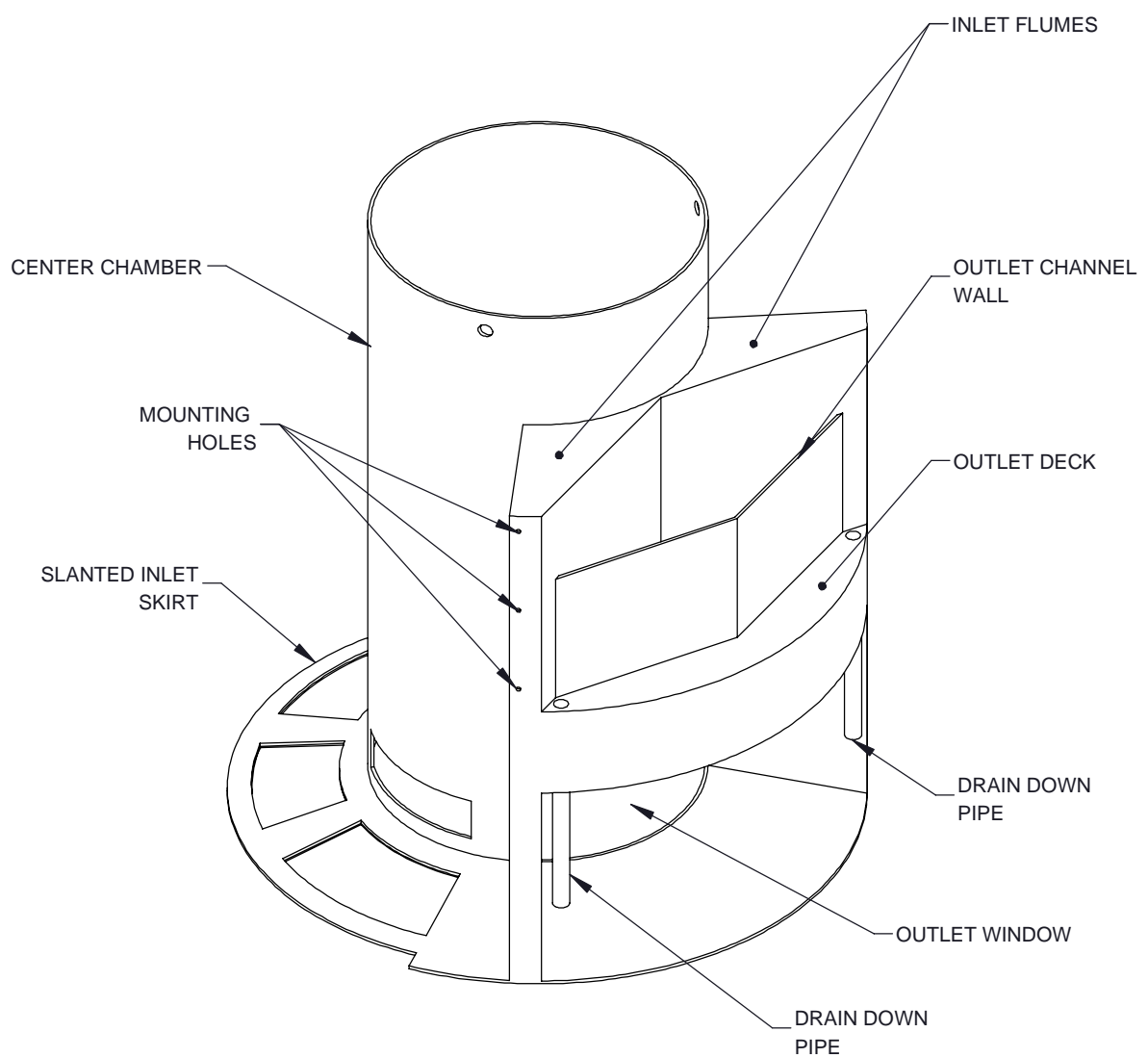
CS-6 - 743637-10
INDIGO APARTMENTS - MAPLELEAF
UNIT 1, LOT 4 - LEXINGTON, KY
LEXINGTON, KY
SITE DESIGNATION: WQB-1

CONTECH
ENGINEERED SOLUTIONS LLC
A CONTECH COMPANY
810 Centre Pointe Dr., Suite 403, West Chester, OH 45380
800.338.1122 513.645.7000 513.645.7803 FAX
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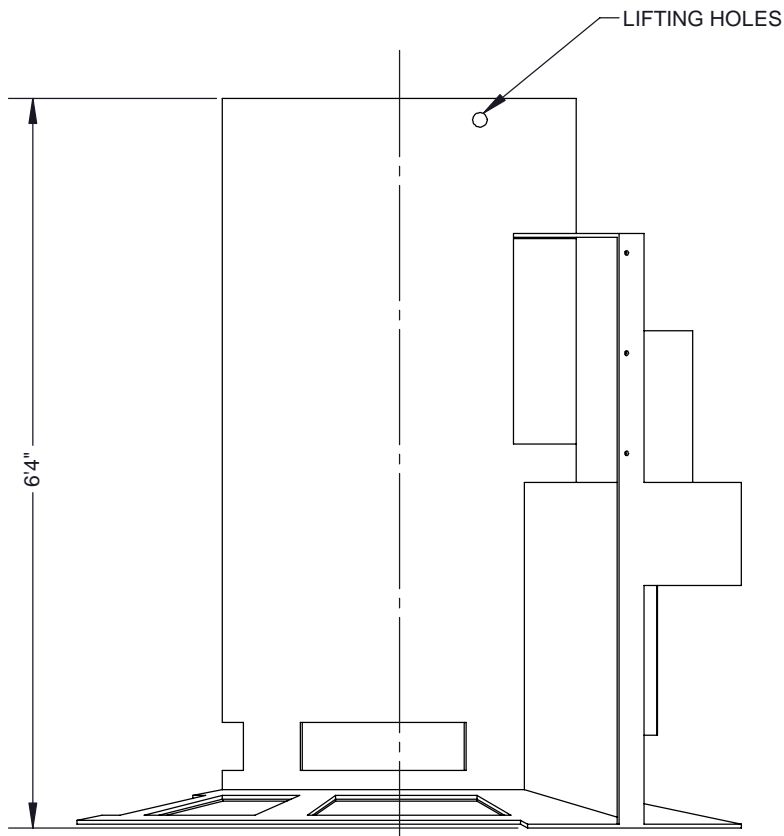
DATE:	4/1/2026		
DESIGNED:	MDB	DRAWN:	MDB
CHECKED:	MSB	APPROVED:	MDB
PROJECT No.:	743637	SEQUENCE No.:	10
SHEET:	1	OF	1



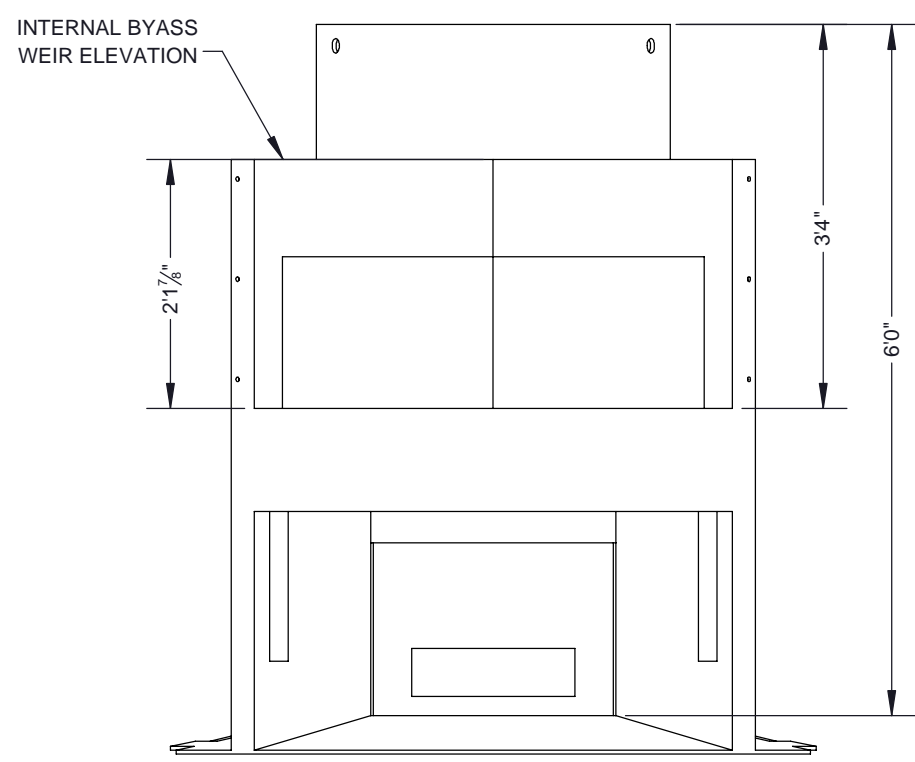
PLAN VIEW



ISOMETRIC VIEW



ELEVATION VIEW



ELEVATION VIEW: OUTLET SIDE

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

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REFERENCE DETAIL
INTERNALS CS-6
CASCADE SEPARATOR

THIRD ANGLE PROJECTION

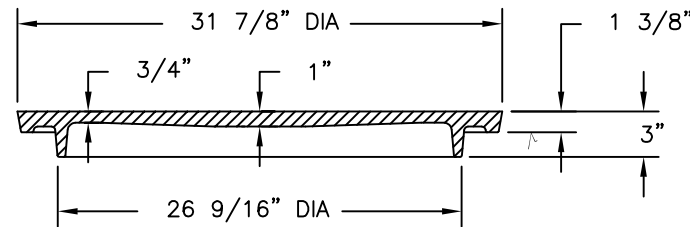
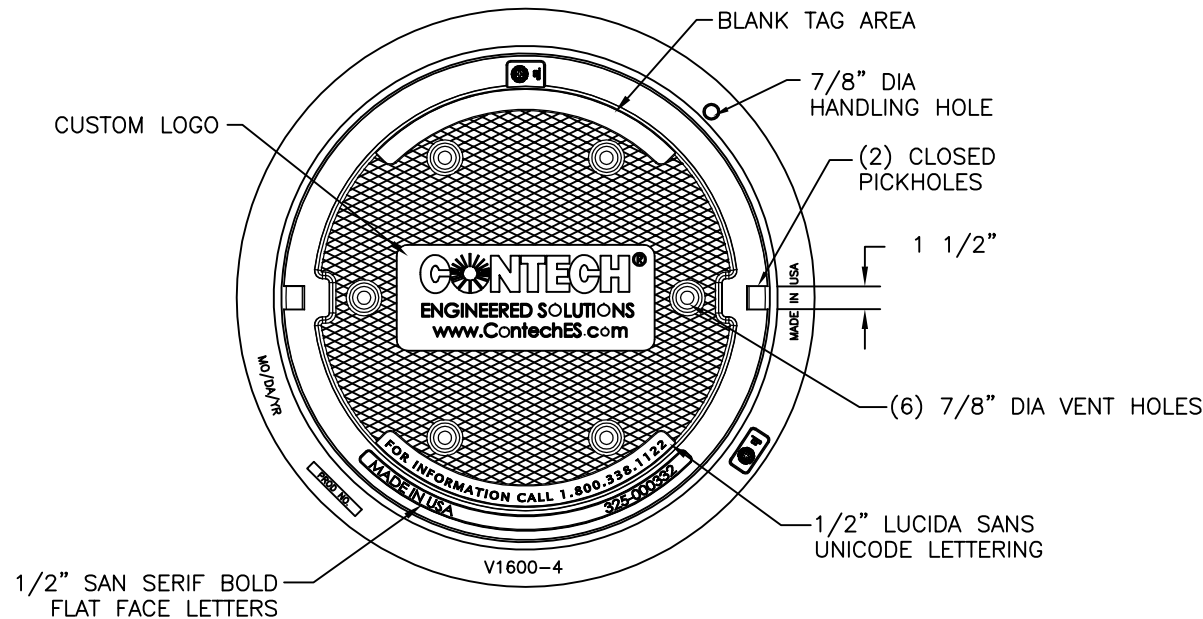
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL ± 1/16
ANGLES ± 1 DEGREE
TWO PLACE DECIMAL ± 0.06
THREE PLACE DECIMAL ± 0.030

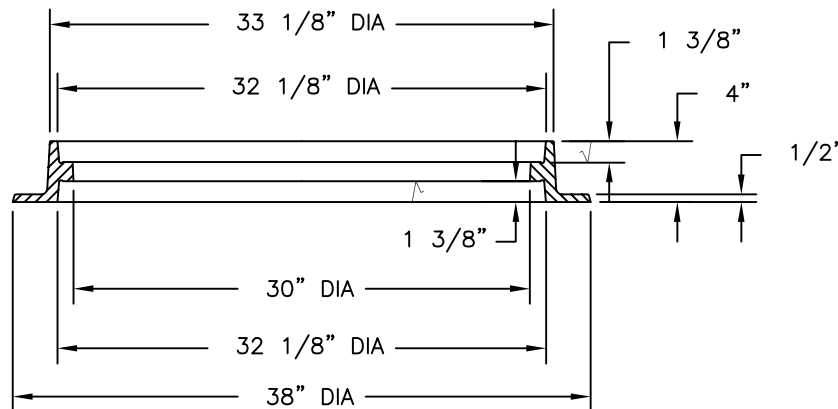
PART NUMBER: 325-003951	
APPROVED BY: M. BROOKS	DRAWN BY: J. BELL
APPROVED BY DATE: 2021.10.21	DRAWN BY DATE: 2021.09.15
SCALE: N/A	REV: B
SHEET 1 OF 1	

26-1929 743637 Indigo Apartments

1810B4 V1600-4 Assembly



COVER SECTION



FRAME SECTION

Product Number
41600483

Design Features

- Materials
 - Cover
Gray Iron (CL35B)
 - Frame
Gray Iron (CL35B)

- Design Load
Heavy Duty
- Open Area
n/a
- Coating
Undipped
- √ Designates Machined Surface

Certification

- ASTM A48
- Country of Origin: USA

Major Components

00180783
41600410

Drawing Revision

05/09/2007 Designer: SMH
6/26/2017 Revised By: DAE

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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