



ELEVATION VIEW

The diagram illustrates the elevation view of a vertical riser assembly. The total height is 18'-1" and the diameter is 7'-2"Ø. Key components and dimensions include:

- FIBERGLASS SEPARATION CYLINDER AND INLET**: Located at the top of the assembly.
- INLET 1**: The main inlet at the top of the riser.
- OUTLET 1**: The main outlet at the bottom of the riser.
- PRECASTER TO MECHANICALLY ATTACH CDS CONTROL SECTION AND RISER 1 PRIOR TO INSTALLATION OF INTERNAL COMPONENTS**: A section located below the inlet.
- SEPARATION SCREEN**: A screen located below the precast section.
- SUMP**: A collection area at the bottom of the riser, with a height of 2'-5".
- Dimensions**:
 - Total height: 18'-1"
 - Top section height: 3'-6"
 - Section below precast height: 3'-6 1/2"
 - Sump height: 2'-5"
 - Diameter: 7'-2"Ø

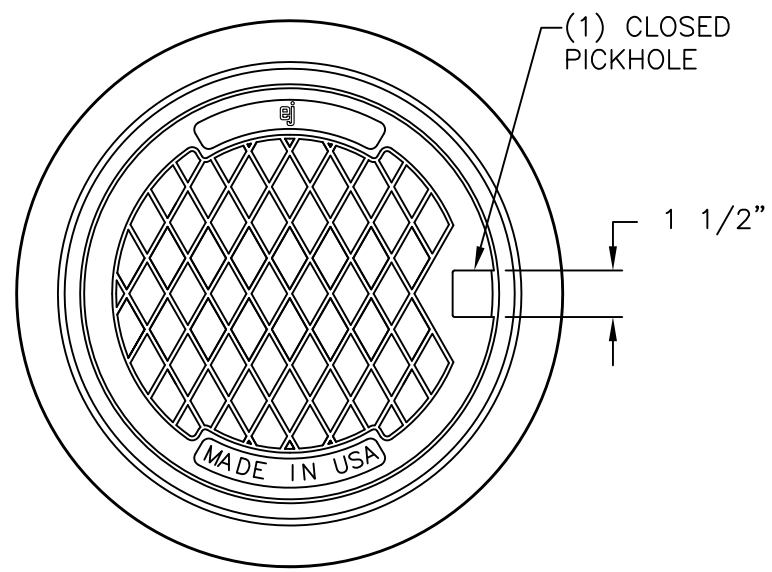


SEPARATION SLAB

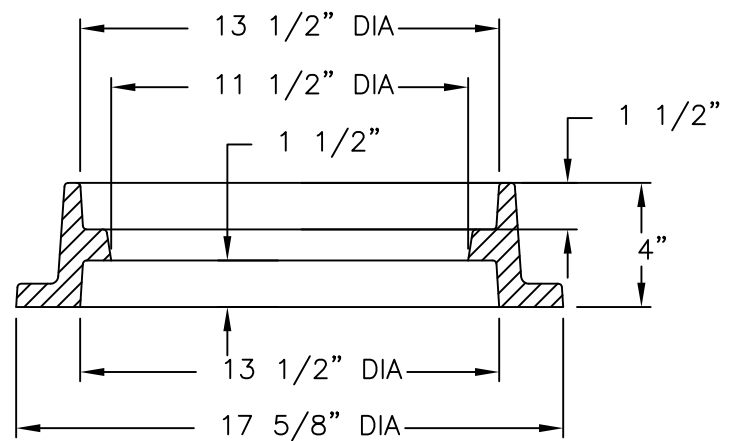
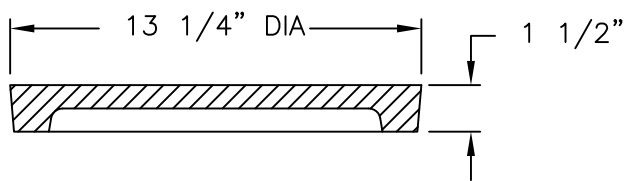
ICAST
5888 / 757440
LAYOUT 1A
21.10 TS

 ENGINEERED SOLUTIONS LLC www.ContactES.com 9100 Centre Pointe Dr., Suite 400, West Chester, OH 45389 800-338-1122 513-645-7000 513-645-7993 FAX	CDS3030-6-C - 905242-010		DOBBS TIRE KCMO		KANSAS CITY, MO		SITE DESIGNATION: ST-7	
	DATE: 7/8/26		DESIGNED: LJK		DRAWN: MAR		CHECKED: LJK	
	PROJECT No.: 905242		SEQUENCE No.: 010		SHEET: 1 OF 2		FOR PATENT INFORMATION, GO TO www.ContactES.com	
	GDS logo		GDS logo		GDS logo		GDS logo	

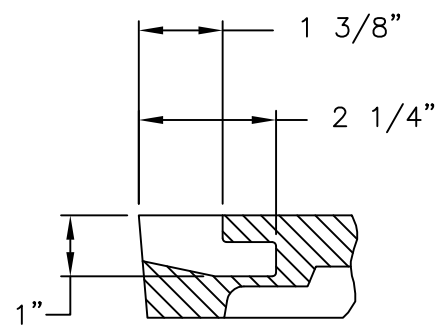
26-3623 905242 Dobbs Tire KCMO
V1610-2BF RG V1610-2CV Assembly



BOTTOM FLANGE VIEW



SECTION VIEW



PICKHOLE DETAIL

NOTE:
RING IS REVERSIBLE AND CAN BE
INSTALLED AS A TOP FLANGE UNIT

Product Number

41610201

Design Features

- Materials
 - Cleanout/Monument Box Frame
 - Gray Iron (CL35B)
 - Cleanout/Monument Box Cover
 - 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

41610210
41610220

Drawing Revision

06/12/2003 Designer: DAL
09/09/2015 Revised By: DVD

Disclaimer

Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

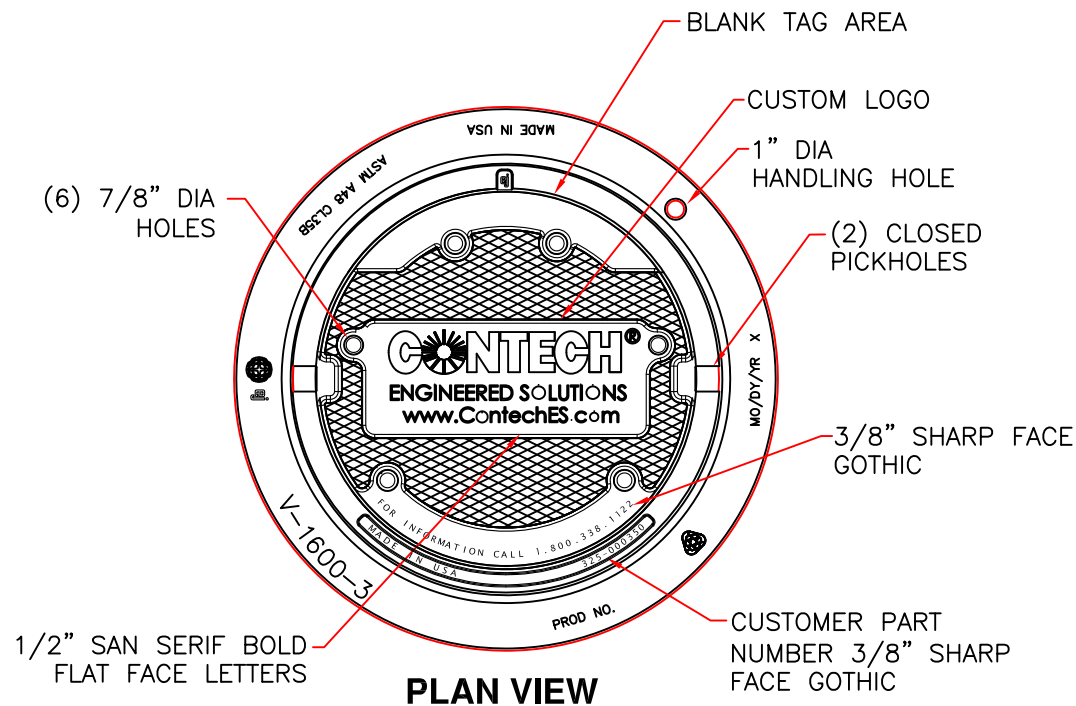
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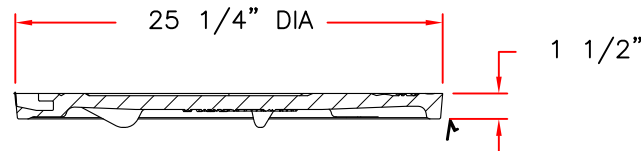
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26-3623 905242 Dobbs Tire KCMO

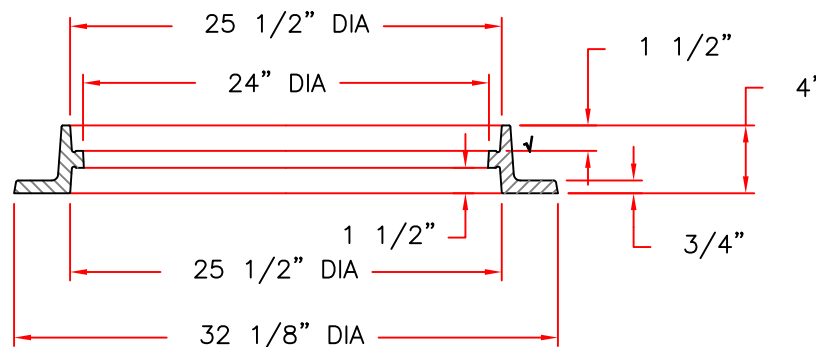
V1600-3 V1610-3 Assembly



PLAN VIEW



COVER SECTION



RING SECTION

Product Number

41600389

Design Features

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

41600310
41600374

Drawing Revision

05/02/2008 Designer: DEW
6/20/2017 Revised By: DAE

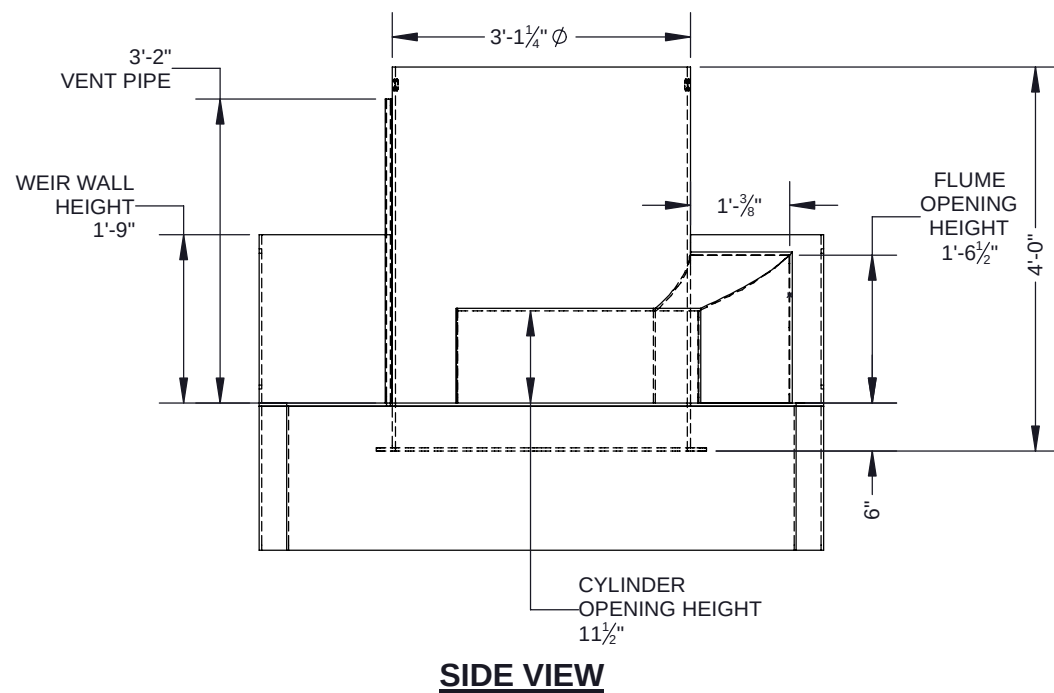
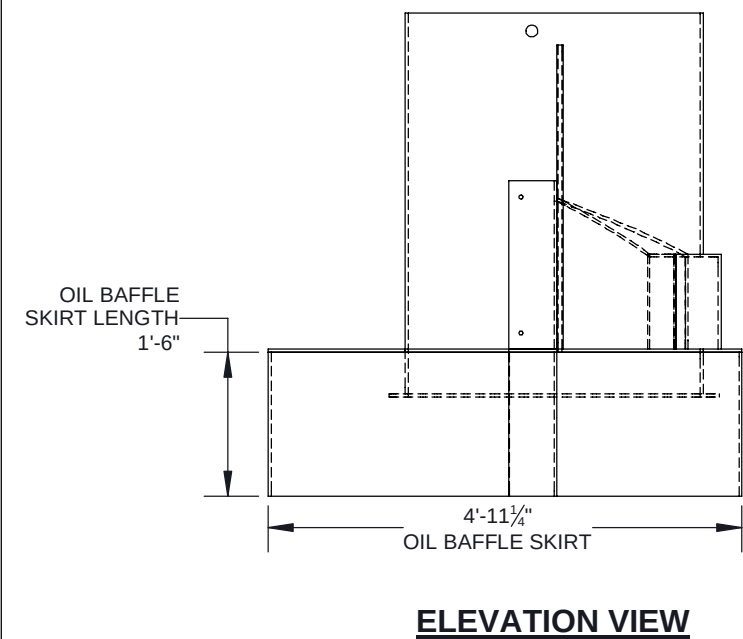
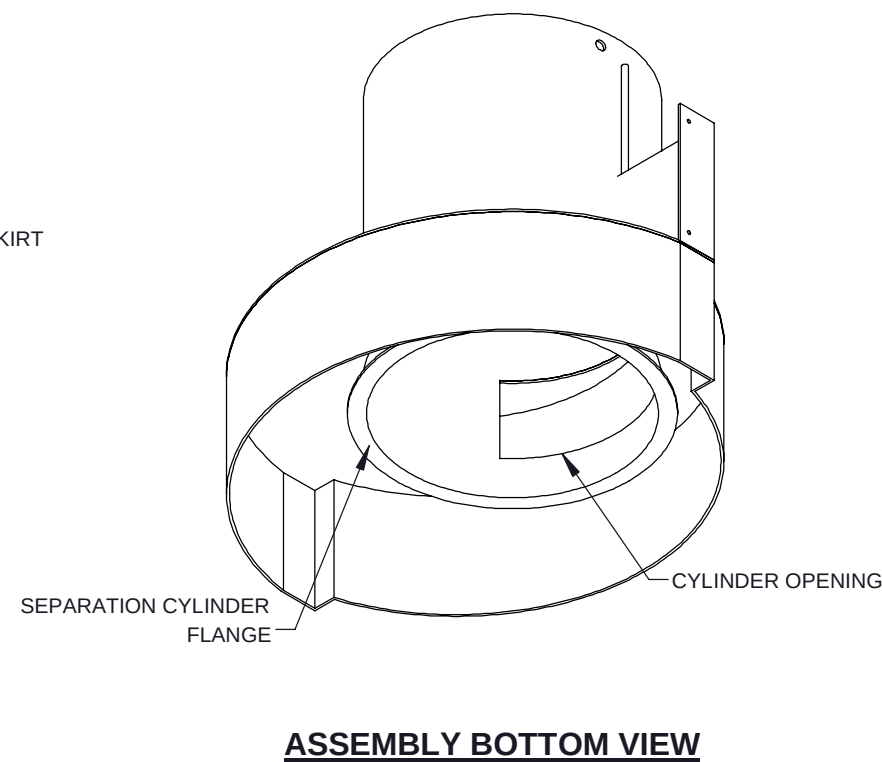
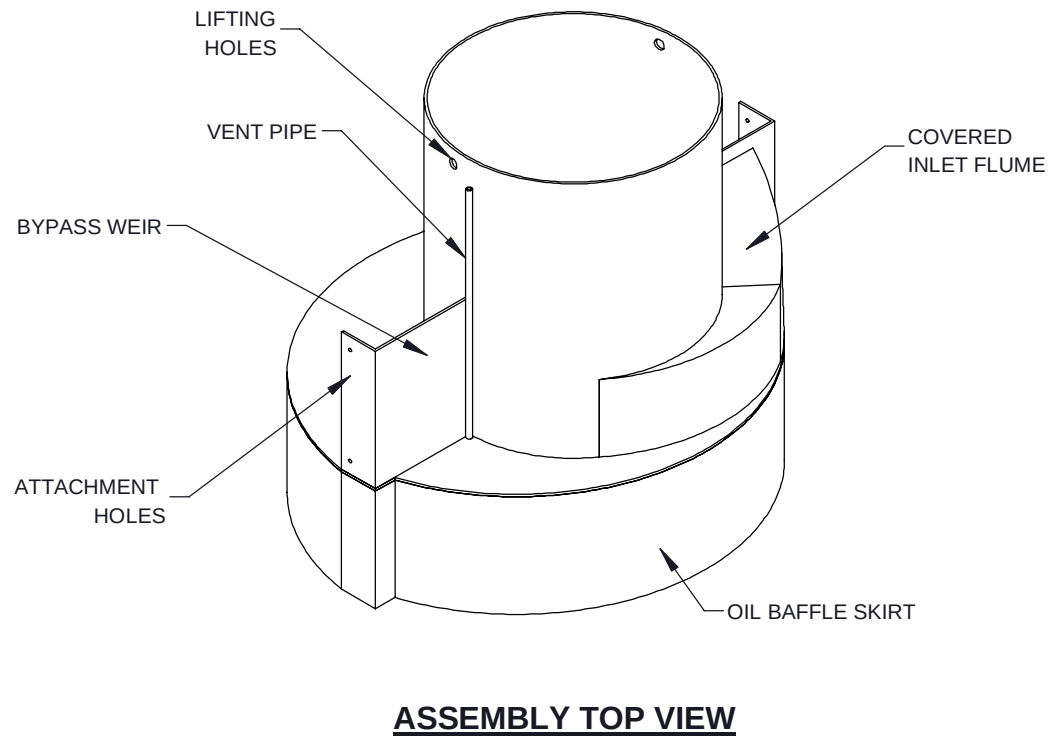
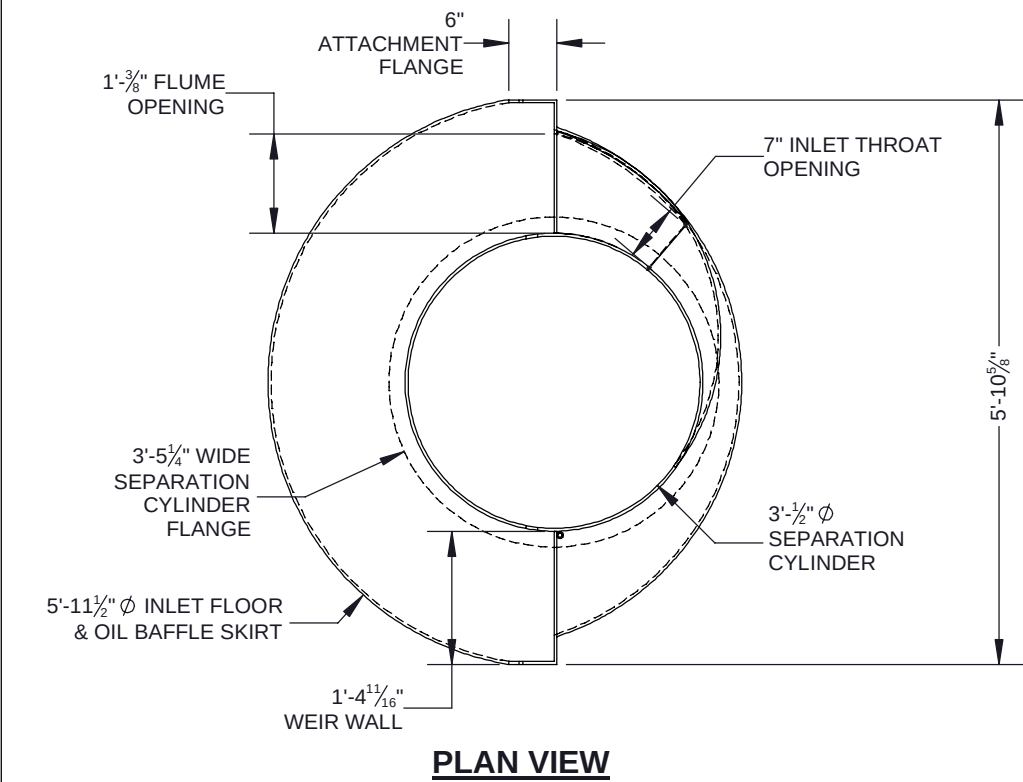
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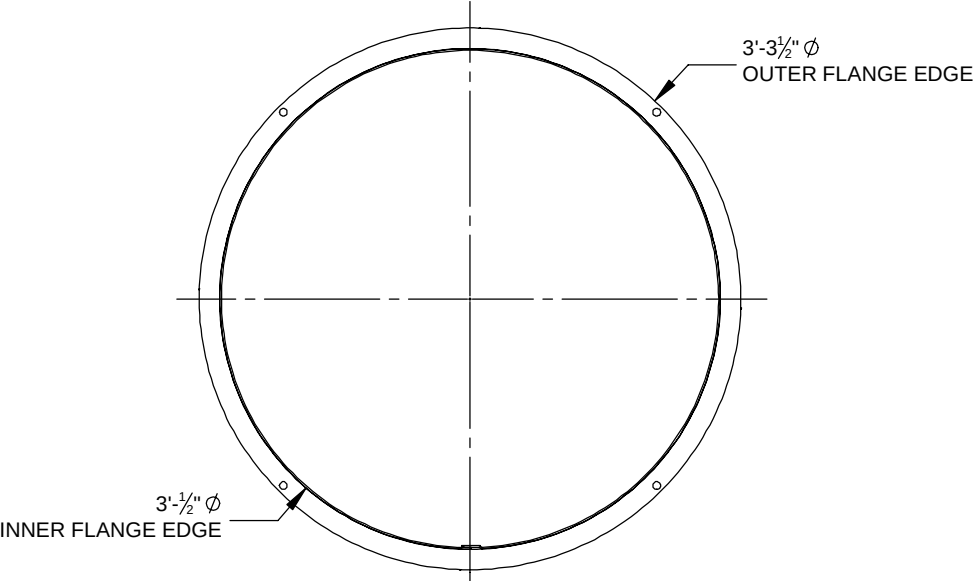
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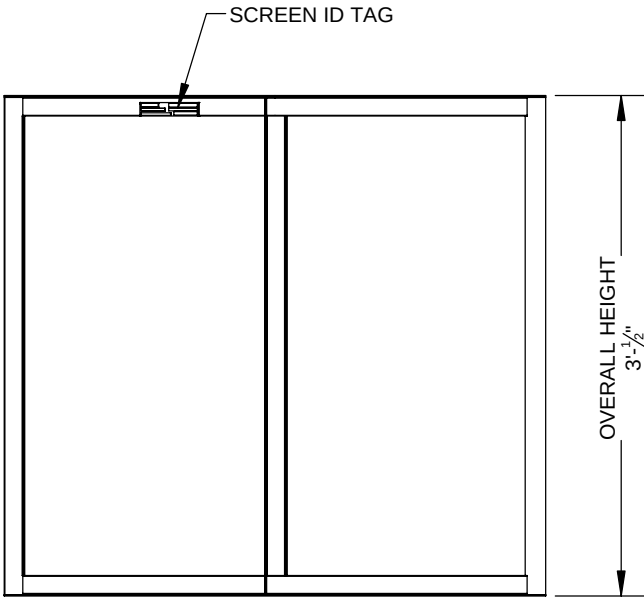
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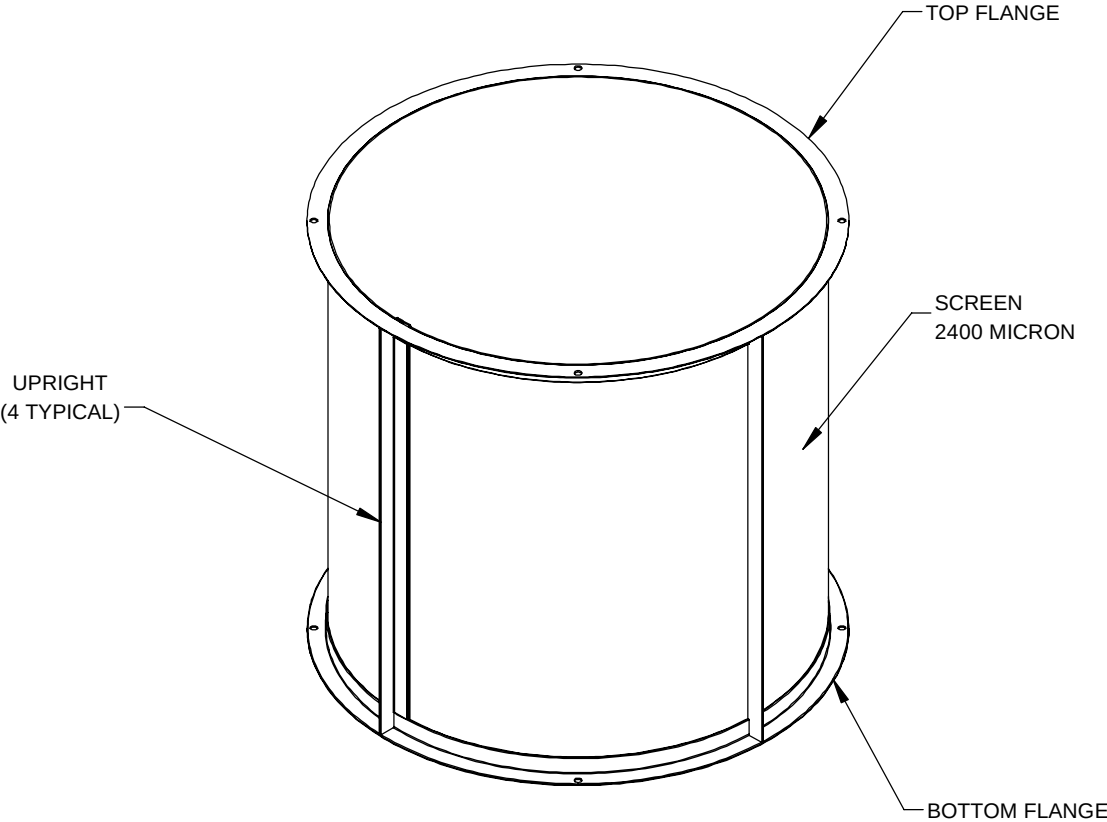
- NOTES:
1. SEE CDS UNIT ASSEMBLY AND INSTALLATION GUIDE FOR ADDITIONAL INFORMATION



TOP VIEW



SIDE VIEW



ISOMETRIC VIEW

- NOTES:
1. SEE SITE SPECIFIC DRAWINGS FOR REQUIRED SCREEN ASSEMBLY
 2. SEE CDS UNIT ASSEMBLY AND INSTALLATION GUIDE FOR ADDITIONAL INFORMATION

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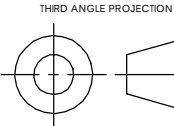


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REFERENCE DETAIL
SCREEN ASSEMBLY
CDS3030 2400 MICRON



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: 335-000379		
APPROVED BY: M. BROOKS	DRAWN BY: C. CALDON	
APPROVED BY DATE: 2021.12.13	DRAWN BY DATE: 2022.02.16	REV: C
SCALE: N/A	SHEET 1 OF 1	