

C:\USERS\GABRIELA\GIMPEL\ONEDRIVE - THE QUIKRETE COMPANIES\DYNAMICS\965 - CONTECH - PROJECTS\868959\PRODUCTS\10-KRAKEN FILTER PEAK DIVERSION VAULT T-6\DRAWINGS\868959-10-KFPD0606-CONFAB-365.DWG 6/24/2026 3:03 PM

COOK OUT - ANTIOCH

ANTIOCH, TN

FABRICATION PACKAGE

HC KRAKEN KFPD0606 - 868959-10 SITE DESIGNATION

MATERIAL LIST (INCLUDED WITH STRUCTURE DELIVERY UNLESS NOTED OTHERWISE)

COUNT	DESCRIPTION	PART NUMBER	PROVIDED BY	INSTALLED BY
24	30" KRAKEN FILTER		CONTECH	PRECASTER
8	30" DRAINDOWN FILTER		CONTECH	PRECASTER
8	QUARTER TURN ADAPTER COVER		CONTECH	PRECASTER
1	KFPD-6-6 INTERNALS KIT AND HARDWARE	HCKF-6-6	CONTECH	PRECASTER
1	SEALANT FOR JOINTS		CONTECH	CONTRACTOR
1	24"Ø x 4" FRAME AND COVER, EJ #41600389, OR EQUIV., CAST-IN TO TOP SLAB	325-000350	CONTECH	PRECASTER
1	30"Ø x 4" FRAME AND COVER, EJ #41600483, OR EQUIV. CAST-IN TO TOP SLAB	325-000332	CONTECH	PRECASTER

GENERAL NOTES

1. DESIGN LOADING - AASHTO HS-20
2. DESIGN SPECIFICATION - ACI 318-14
3. JOINT SEALANT SHALL CONFORM TO ASTM C-990 OR ASTM C-443
4. CONCRETE MINIMUM STRENGTH - 5,000 PSI AT 28 DAYS
5. EARTH COVER VARIES FROM 0' MIN. - 2' MAX.
6. GROUND WATER ELEVATION AT OUTLET PIPE INVERT
7. MANUFACTURING TOLERANCE = +/- 1/2-INCH
8. SOME HIDDEN LINES MAY BE OMITTED FOR CLARITY.

INSTALLATION NOTES

- A. PRECASTER TO CAST ACCESS FRAME INTO TOP SLAB AND SHIP COVER WITH STRUCTURE
- B. REFER TO CONTECH ASSEMBLY INSTRUCTIONS FOR ADDITIONAL INFORMATION.
- C. PIPE OPENINGS SHALL BE STENCILED "INLET" OR "OUTLET" AS APPROPRIATE.
- D. PRECASTER TO INSTALL ALL CARTRIDGES PRIOR TO SHIPPING UNLESS NOTED OTHERWISE.
- 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.
- G. ACCESS STEPS, IF REQUIRED, SHALL BE INSTALLED IN ACCORDANCE WITH ASTM-478 AND AASHTO M-199.
- H. PRECASTER TO INSTALL TRANSFER COVER PLATE ON SEPARATION WALL.

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MARK	DATE	REVISION DESCRIPTION	BY

CONTECH

ENGINEERED SOLUTIONS

A QUIKRETE® COMPANY

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THE KRAKEN®

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CONTECH
FABRICATION
DRAWING

HC KRAKEN KFPD0606 - 868959-10

COOK OUT - ANTIOCH

ANTIOCH, TN

SITE DESIGNATION: SITE DESIGNATION

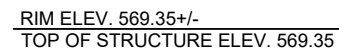
PROJECT No.: 868959	SEQ. No.: 10	DATE: 4/27/2026
DESIGNED: JAK	DRAWN: MLC	
CHECKED: JAK	APPROVED: JAK	
SHEET NO.: 1 OF 2		

C:\USERS\GABRIELA GIMPELONEDRIVE - THE QUIKRETE COMPANIES\DYNAMICS365 - CONTECH - PROJECTS\868959\PRODUCTS\10-KRAKEN FILTER PEAK DIVERSION VAULT 6-6\DRAWINGS\868959-10-KFPD606-CONFAB-365.DWG 6/24/2026 3:03 PM



NO GRADE RINGS NEEDED

SEE INSTALLATION NOTE A



WEIR/TREATMENT HGL ELEV. 567.31

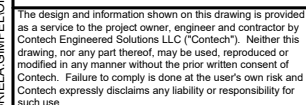
INLET 1 INVERT ELEV. 564.60

OUTLET 1 INVERT ELEV. 564.10
OUTSIDE BOTTOM ELEV. 563.60



*GROUNDWATER ELEVATION IS ASSUMED. EOR TO PROVIDE IF KNOWN

*BASE SECTION SHIPPED WITH
INTERNAL COMPONENTS AND
CARTRIDGES INSTALLED



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h			
d	1	06/24/26	CASTING DIMENSION
h	MARK	DATE	REVISION DESCRIPTION
			BY

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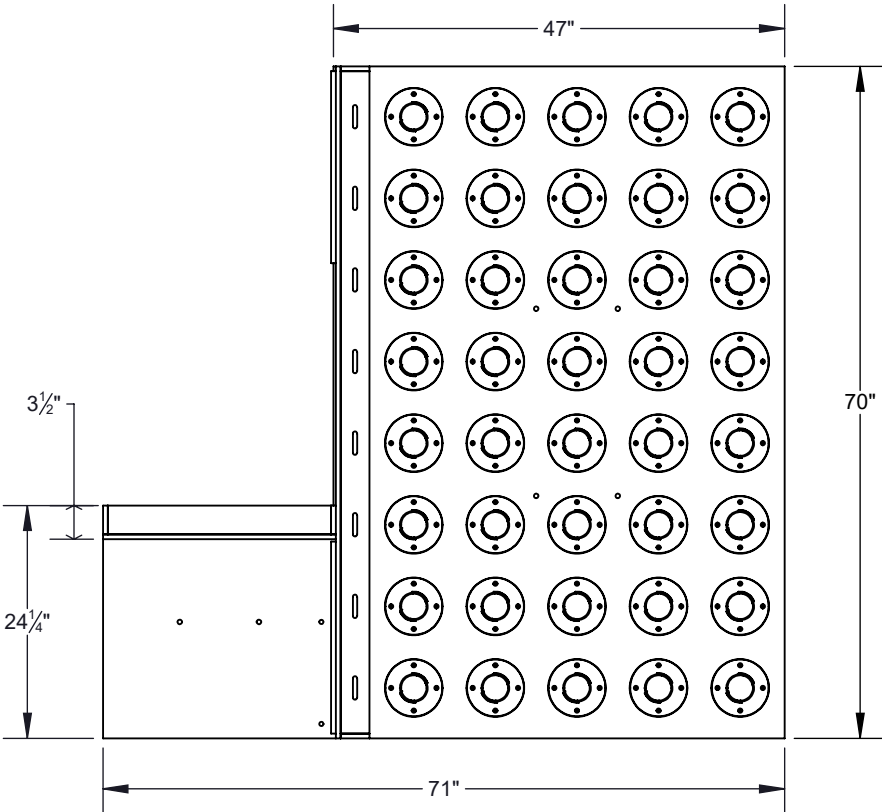
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DRAWING

HC KRAKEN KFPD0606 - 868959-10
COOK OUT - ANTIOCH
ANTIOCH, TN
SITE DESIGNATION: SITE DESIGNATION

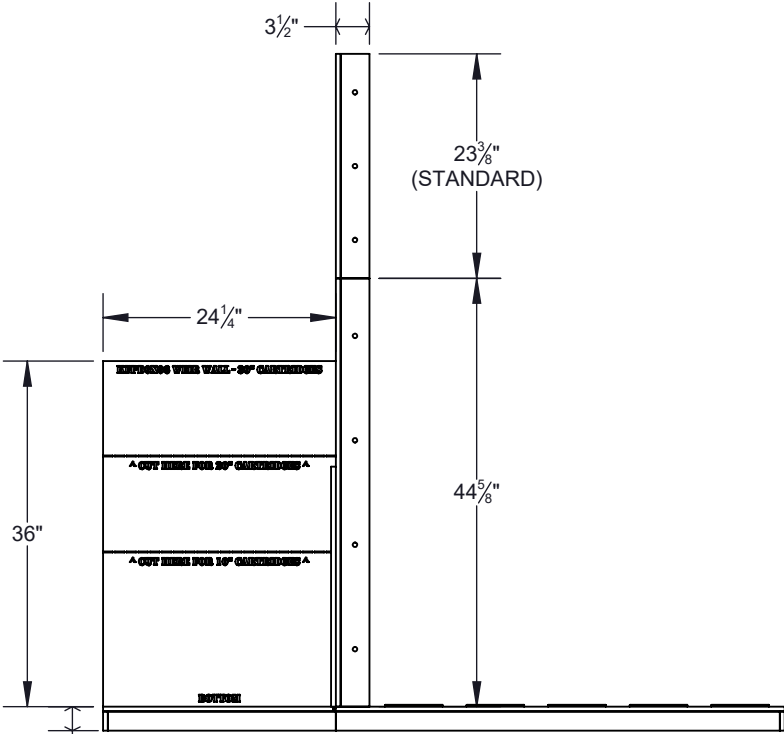
PROJECT No.: 868959	SEQ. No.: 10	DATE: 4/27/2026
DESIGNED: JAK	DRAWN: MLC	
CHECKED: JAK	APPROVED: JAK	
SHEET NO.: 2 OF 2		

26-2789 868959 Cook Out

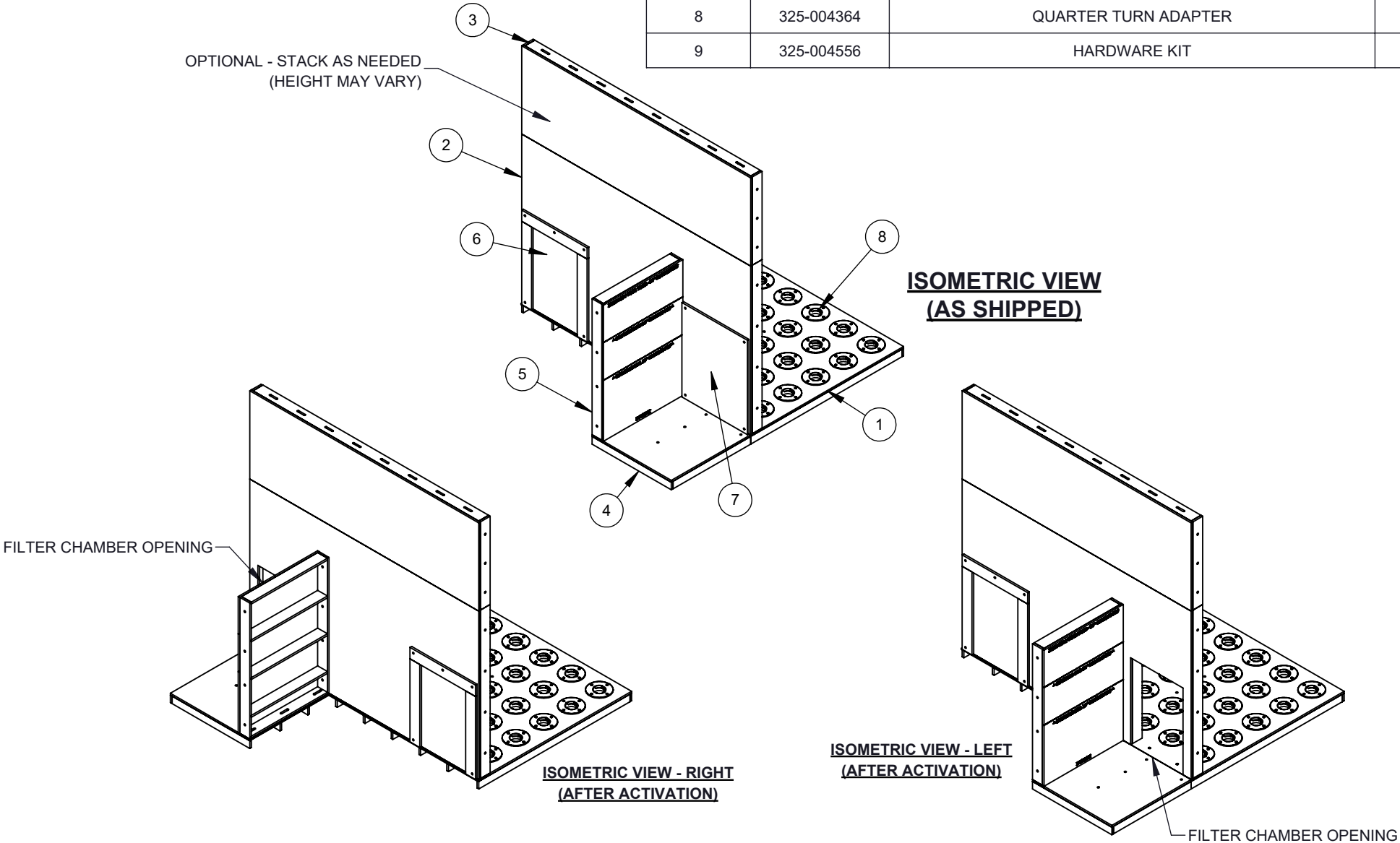
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	325-004607	6FT 5-ROW END FLOOR (T-NUTS) - 70" X 47" X 2.5"	1
2	325-004573	6FT SEPARATOR WALL BOTTOM SECTION - 70" X 44.625" X 3.5"	1
3	325-004400	6FT SEPARATOR WALL TOP SECTION - 70" X 23.375" X 3.5"	1
4	325-004592	KFPD0606 INLET FLOOR - 24.25" X 24.25" X 2.5"	1
5	325-004550	KFPD0X06 WEIR WALL 30" CARTRIDGES - 36" X 24.25" X 3.5"	1
6	325-004576	6FT SEPARATOR WALL FILLER PLATE - 25" X 20" X 4"	1
7	325-004587	TRANSFER COVER - 25" X 20" X 0.5"	1
8	325-004364	QUARTER TURN ADAPTER	40
9	325-004556	HARDWARE KIT	1



PLAN VIEW



ELEVATION VIEW



- NOTES:
- 1. APPROXIMATE TOTAL WEIGHT: 235 LBS (NOT INCLUDING CARTRIDGES)
 - 2. SEE INSTALLATION GUIDE FOR ADDITIONAL INFORMATION
 - 3. SEE PROJECT DETAILS FOR ADDITIONAL INFORMATION REGARDING SEPARATOR WALL TOP SECTION HEIGHTS
 - 4. TRANSFER COVER REMOVED UPON ACTIVATION. SEE INSTALLATION GUIDE FOR DETAILS

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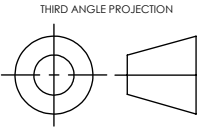
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REFERENCE DETAILS
KFPD0606 FULL HEIGHT
30-INCH CARTRIDGES

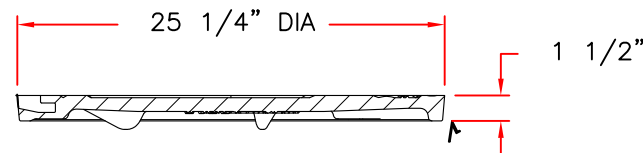
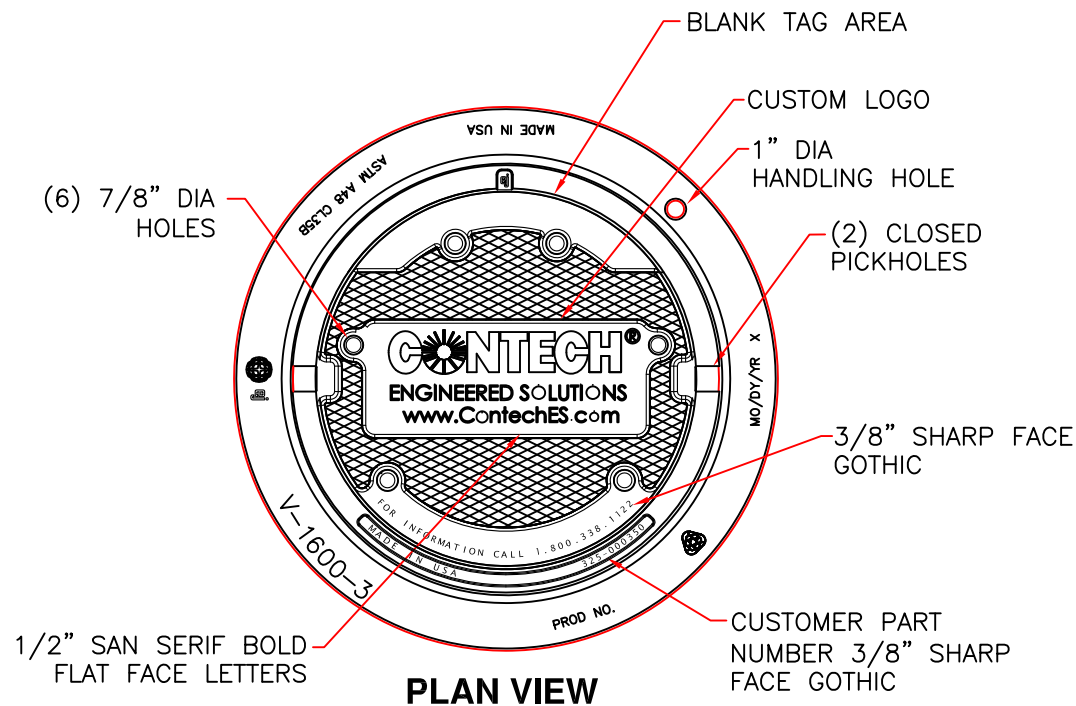


UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

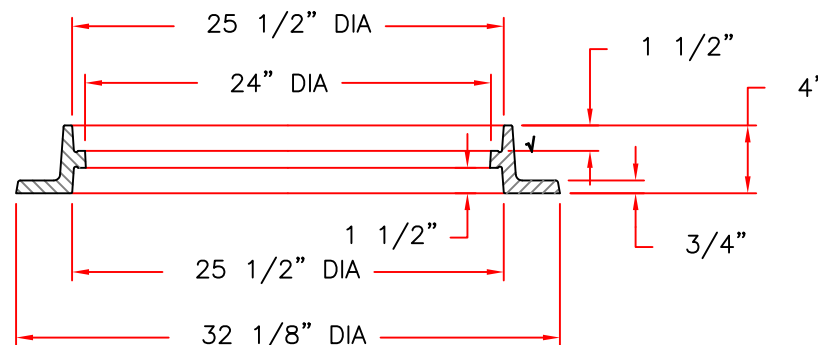
TOLERANCES:
FRACTIONAL ± 1/16
ANGLES ± 1 DEGREE
TWO PLACE DECIMAL ± 0.06
THREE PLACE DECIMAL ± 0.030

DRAWING NUMBER: KFPD0606 FULL-30			
APPROVED BY: J. HARLOW	DRAWN BY: J. FORST		
APPROVED BY DATE: 2025.12.09	DRAWN BY DATE: 2025.12.05	REV:	A
SCALE: N/A	SHEET 1 OF 1		

V1600-3 V1610-3 Assembly



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

Disclaimer

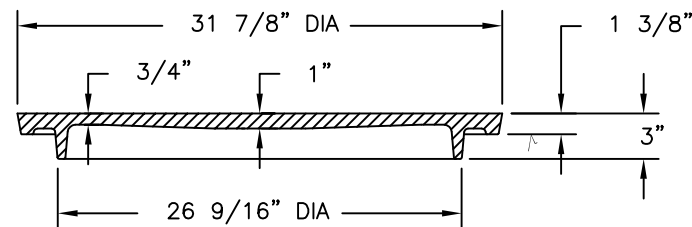
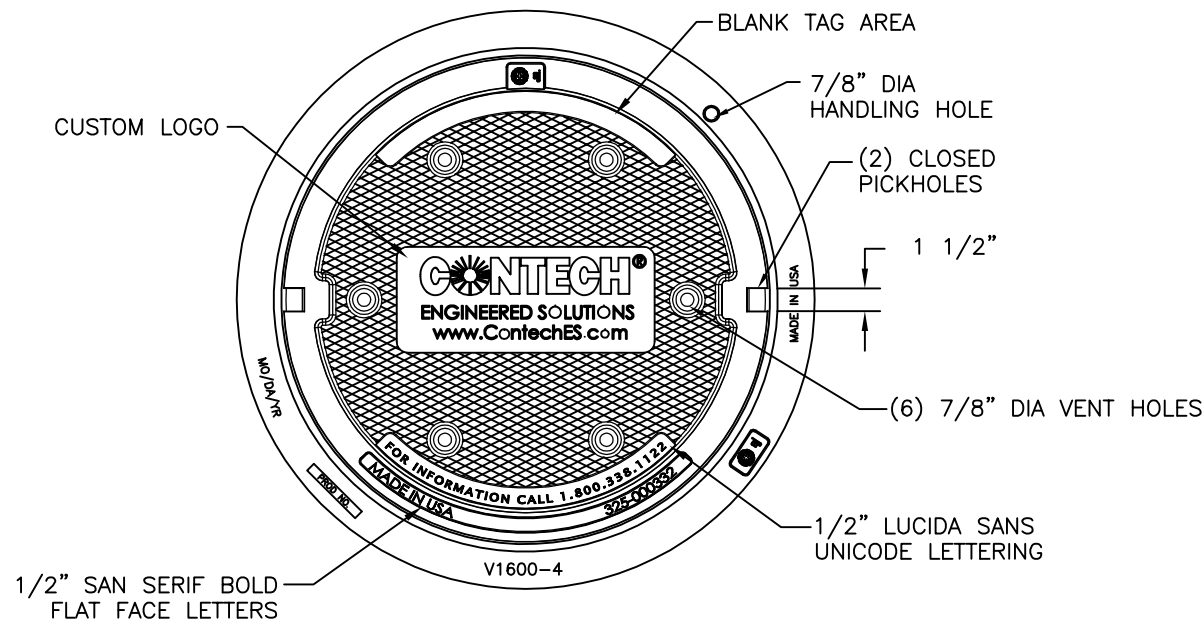
Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

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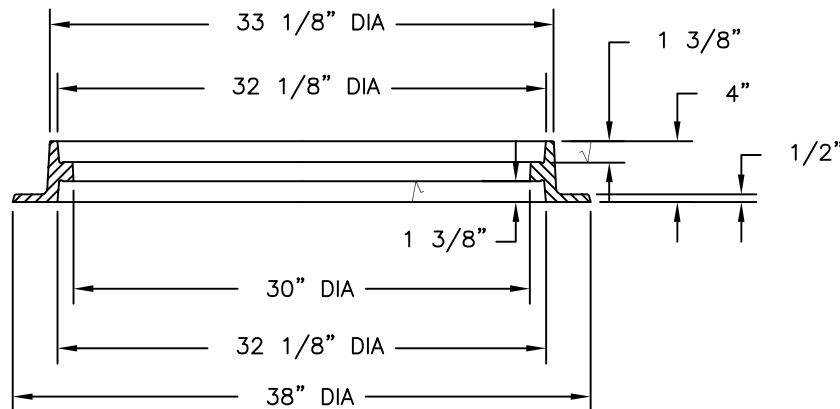
Contact

800 626 4653
ejco.com

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

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Contact

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HIGH CAPACITY (HC) KRAKEN POST-INSTALLTION CHECKLIST

Project Name/Number /

Post-Installation Check Point(s)		Comments
False Floor sections securely anchored-in with 3/8" wedge anchors (all floor 15/32" pre-drilled holes are filled)	☐	
Separator Wall (bottom section) securely bolted into the false floor with long hex head bolts	☐	
Separator Wall (Transfer Window) is aligned with the inlet bay floor section	☐	
Floor bolts installed and sealed (w/sika) within the Transfer Bay Opening	☐	
If required, Separator Wall (top section) securely anchored to bottom wall section	☐	
Separator Wall trimmed down to required height, approximately 1-2" below structure height	☐	
If Wall Stiffener was removed during trimming, secure new stiffener section atop the separator wall to accommodate butyl mastic	☐	
Separator Walls securely anchored to structure walls with 3/8" wedge anchors	☐	
Weir Wall securely bolted to inlet bay floor and separator wall	☐	
Weir Wall Stiffeners are facing the outlet bay	☐	
Weir Wall securely anchored to structure wall with 3/8" wedge anchors	☐	
Backer Road & Sika installed in gaps between structure and separator/weir walls	☐	
Floor Clips installed in false floor, as needed	☐	
Grout or Sika applied along gaps about the perimeter of the false floor	☐	
Transfer Cover installed with four (4) hex head bolts	☐	
Transfer Cover & Opening scuffed, sika primed, and sika applied about the perimeter	☐	
Plug Covers (PVC disks) installed over all unutilized cartridge couplers	☐	
Kraken Cartridges installed and locked-in. Correct filter height and count as per Fabrication Drawing	☐	
Kraken Cartridge Handles all facing in same (perpendicular) direction	☐	
Drain Down Cartridges properly labeled, correct count and floor location	☐	
Inlet & Outlet Openings stenciled correctly	☐	
Transfer Cover correct stencil applied (Online/Offline)	☐	
HC Kraken & Contech exterior stenciling applied as per Contech stenciling standards	☐	

Signature

Date