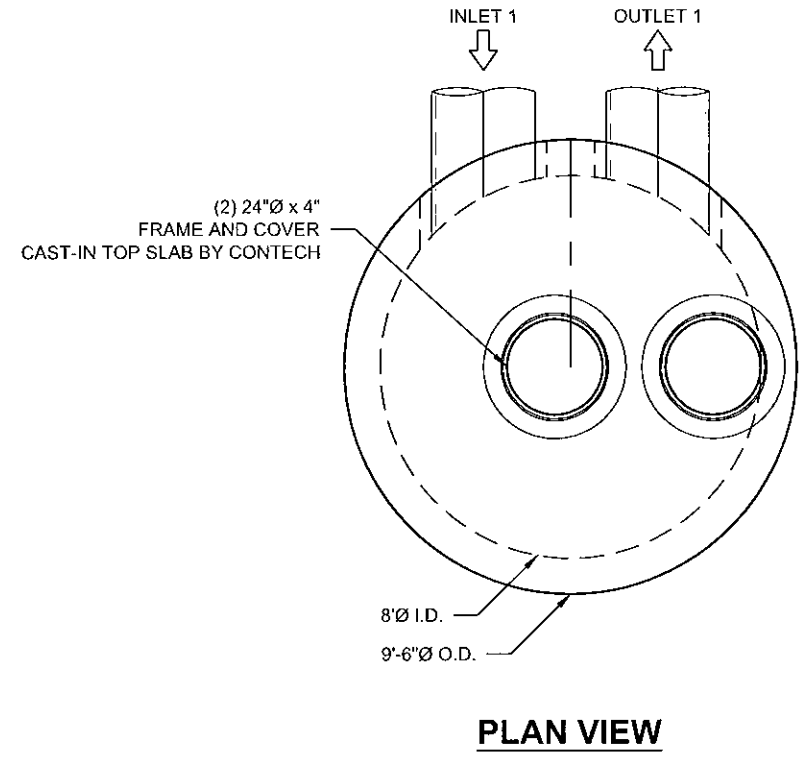
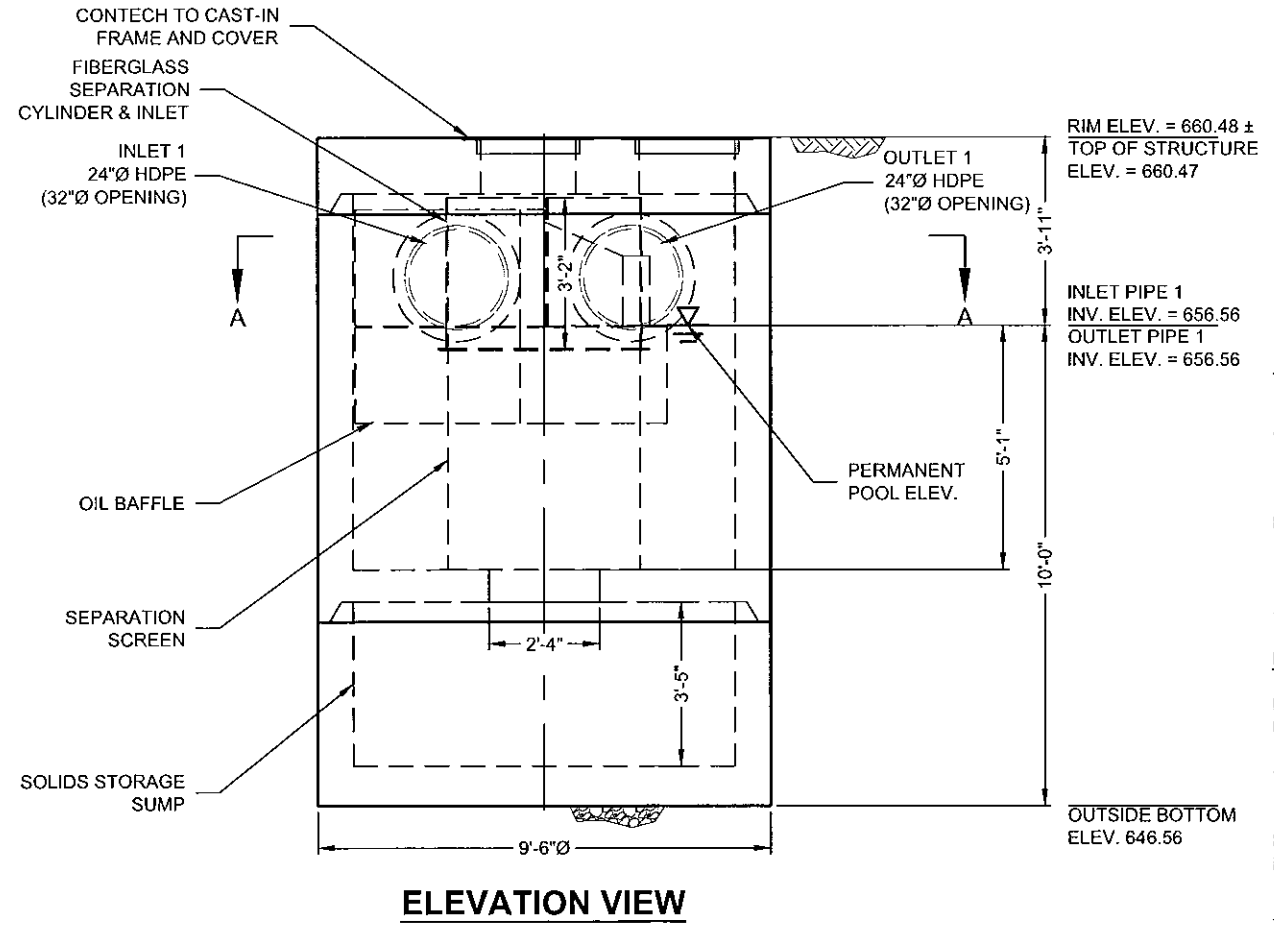
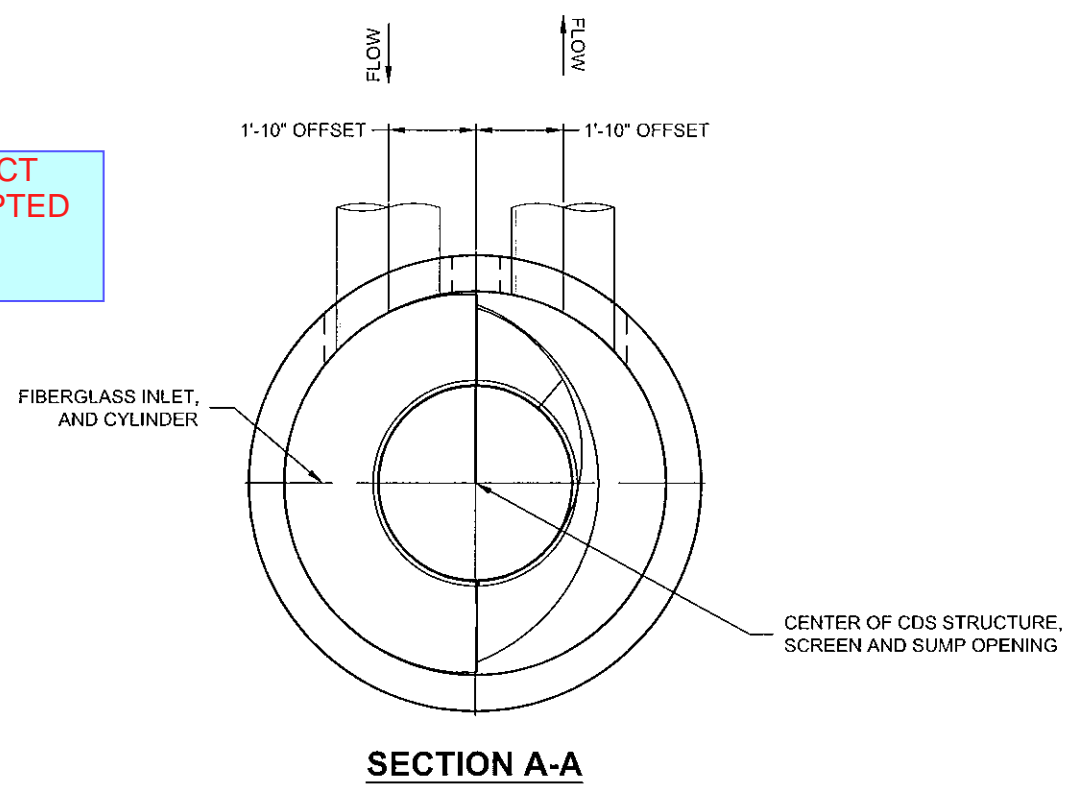


INTERNAL COMPONENTS TO BE INSTALLED ON SITE BY CONTECH FIELD CONSULTANT. PLEASE CONTACT CONTECH FOR CURRENT INSTALLATION LEAD TIME.



THIS IS ON ODOT QUALIFIED PRODUCT LIST FOR TYPE 4 WQS AND IS ACCEPTED 03/10/2022 S.L.M.



MATERIAL LIST (PROVIDED BY CONTECH)

COUNT	DESCRIPTION	INSTALLED BY
1	FIBERGLASS INLET AND CYLINDER	CONTECH
1	2400 micron, 4' O.D. x 4.58' SEP. SCREEN	CONTECH
1	HARDWARE KIT	CONTECH
1	SEALANT FOR JOINTS	CONTRACTOR
2	24"Ø x 4" FRAME & COVER, EJ#41600389, OR EQUIV. CAST-IN	CONTECH

GENERAL NOTES

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
- CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
- STRUCTURE SHALL MEET AASHTO HS-20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 2', AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
- IF REQUIRED, PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.
- CDS STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.

INSTALLATION NOTES

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE.
- CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 26000 LBS.
STRUCTURE IS DELIVERED IN 3 PIECES

MAX FOOTPRINT = Ø9'-6"

CONTECH CONTRACT DRAWING

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MARK	DATE	REVISION DESCRIPTION	BY

CDS4045-8-C - 693227-40
BUTLER CO. 5 POINTS
ROUNDABOUT
HAMILTON, OH
for SYSTEM: TYPE 4 WQU

CONTECH ENGINEERED SOLUTIONS LLC
www.conteches.com
7701 W. Royal Lane, Suite 260, Irvin, TX 75063
972-656-2000 972-656-2039 FAX

Gps
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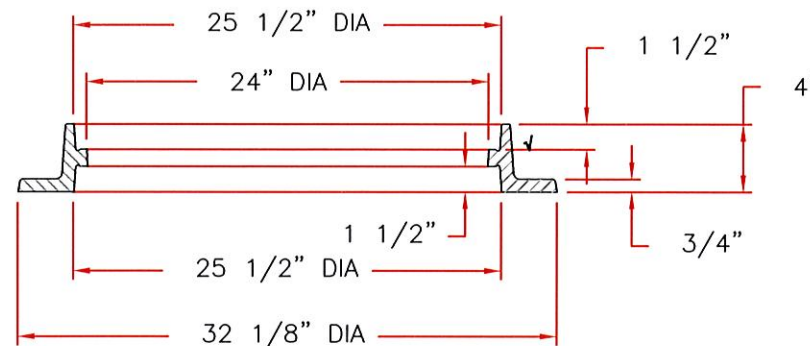
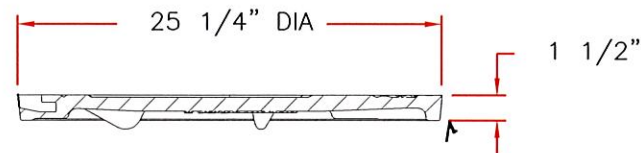
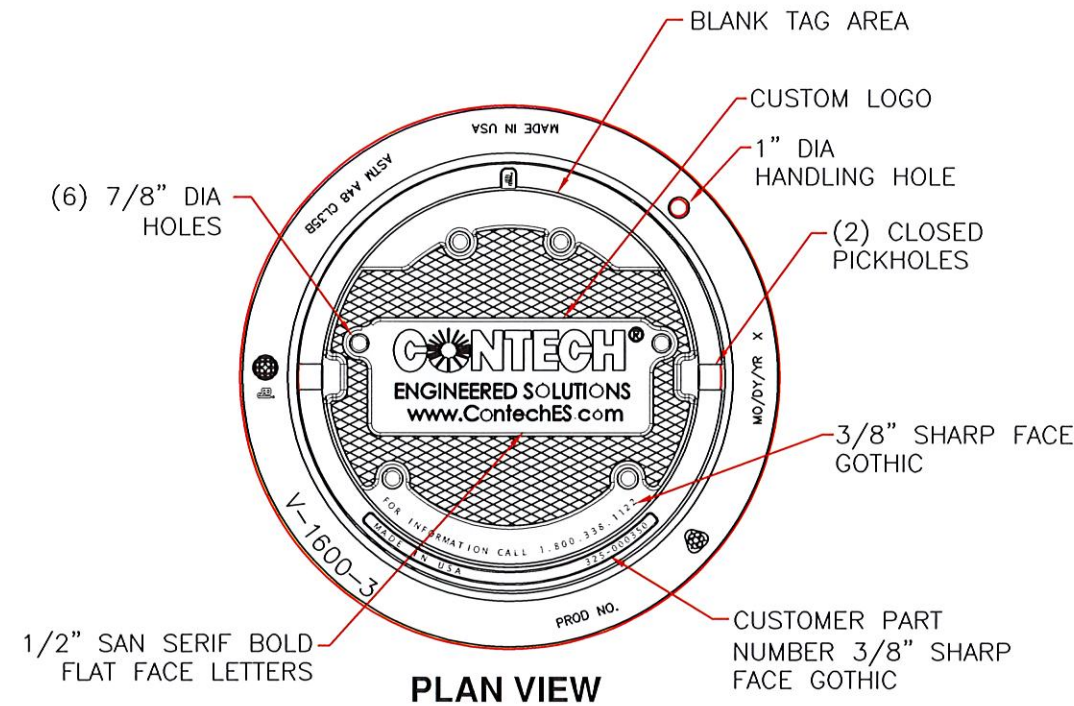
DATE: 02/17/22	SCALE: 1/4" = 1'-0"
DESIGNED: VJW	DRAWN: VJW
CHECKED: MSB	APPROVED: MSB
PROJECT No.: 693227	SEQUENCE No.: 40
SHEET: 1	OF 1

NCI LAYOUT 1A
4045-8-FGIS
5824 / 453502

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BYPASS WEIR DESIGN:
WEIR LENGTH: 4' MINIMUM
WEIR CREST ELEVATION: 659.46'

V1600-3 V1610-3 Assembly



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

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