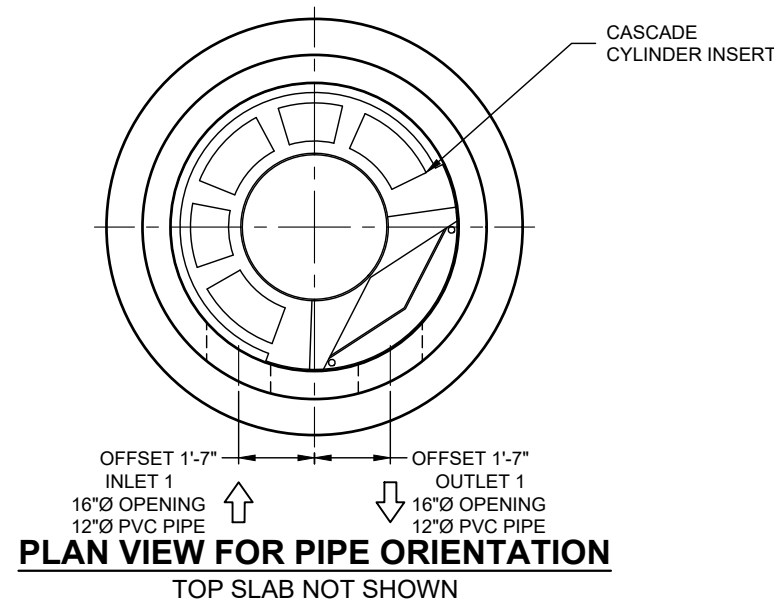
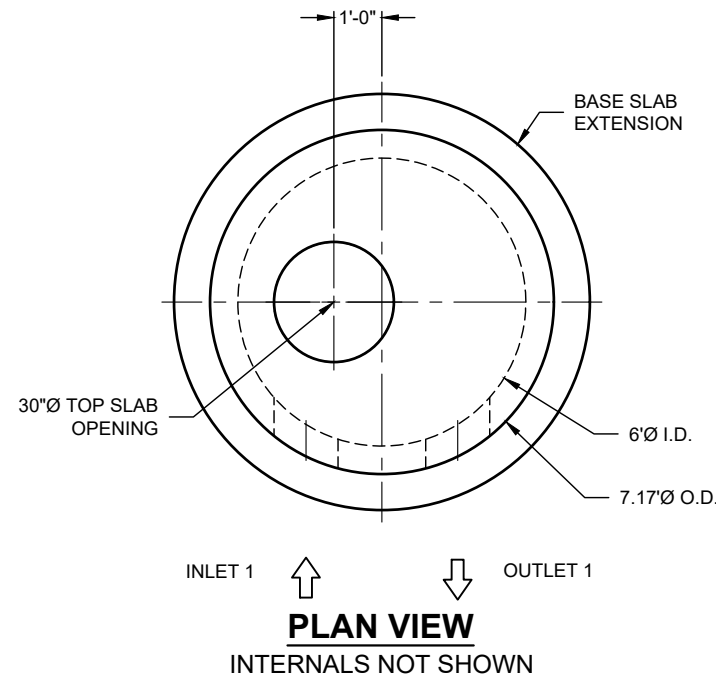
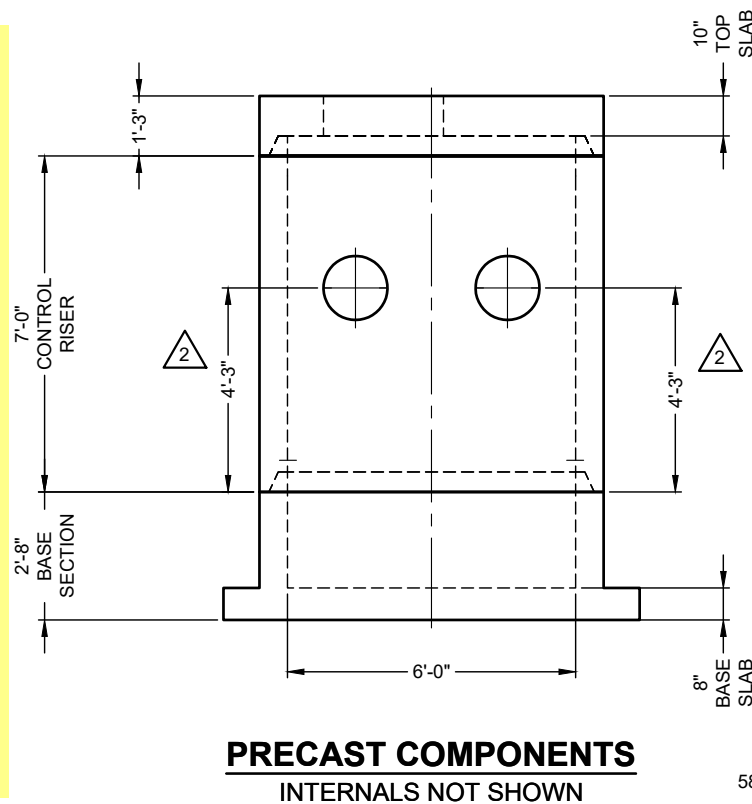
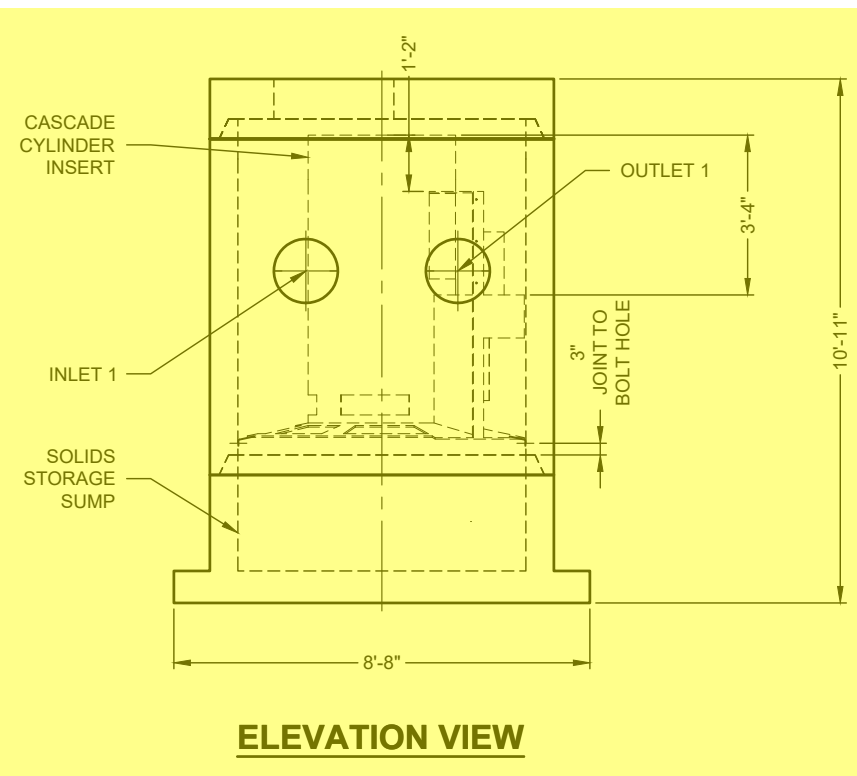


25-4779 - 877786 Founders Point Elem



SEE INSTALLATION NOTE A

15-CS-6
ICAST to fully pre-assemble
internals materials prior to shipment.



ICAST
5888 / 757440
LAYOUT 1A
13.56TS

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

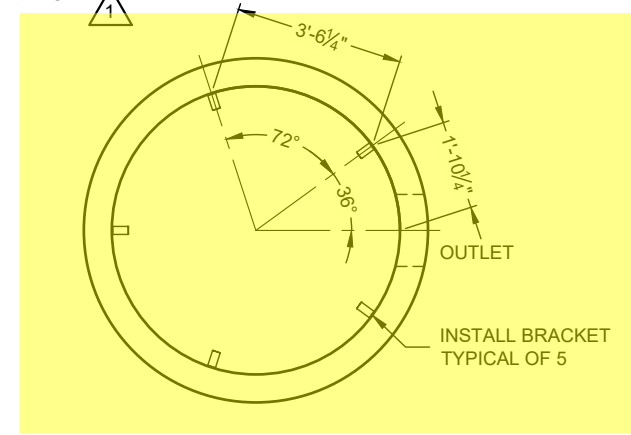
SITE INFORMATION

RIM ELEV. = 495.58+/-
TOP OF STRUCTURE = 494.98
INLET PIPE 1 INVERT ELEV. = 490.48
INLET PIPE 1 DIAMETER AND MATERIAL = 12"Ø PVC
OUTLET PIPE INVERT ELEV. = 490.48
OUTLET PIPE DIAMETER AND MATERIAL = 12"Ø PVC
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 484.06

STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 11000 LBS.
STRUCTURE IS DELIVERED IN 2 PIECES

TOP SLAB = 5000 LBS.
CONTROL RISER = 11000 LBS.
BASE SECTION = 11000 LBS.



SUPPORT BRACKET LAYOUT PLAN VIEW

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| MARK | DATE | REVISION DESCRIPTION | BY |
|------|-----------|----------------------|-----|
| 1 | 2/17/2026 | PIPE KO FIX | MDB |
| 1 | 1/5/2025 | PIECE COUNT | MDB |

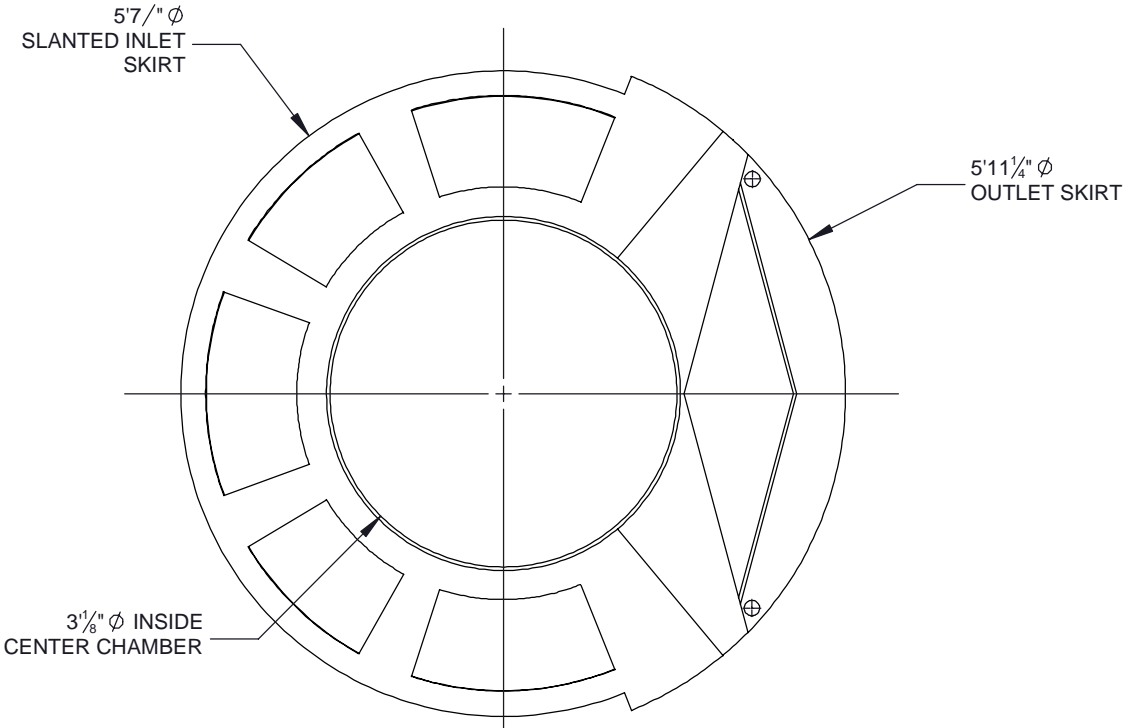
CS-6 - 877786-15
FOUNDERS POINT ELEMENTARY
SCHOOL
CHARLESTOWN, IN
SITE DESIGNATION: 203

CONTECH
ENGINEERED SOLUTIONS LLC
A CONTECH COMPANY
810 Centre Pointe Dr., Suite 400, West Chester, OH 45380
800.338.1122 513.645.7000 513.645.7803 FAX
CASCADE separator
FOR PATENT INFORMATION, GO TO www.contech.com/P

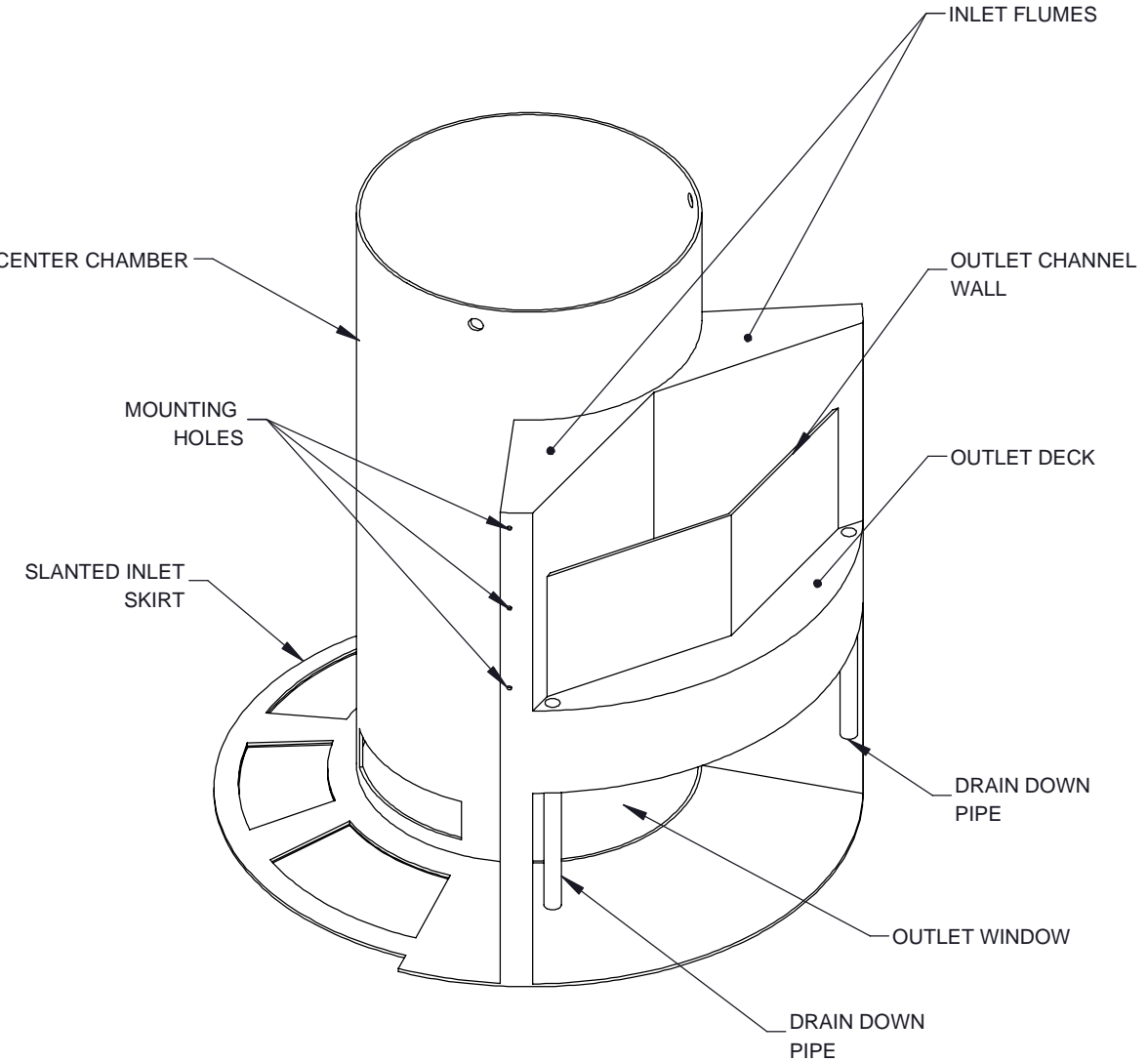
DATE: 12/19/2025

| | |
|---------------------|------------------|
| DESIGNED: MDB | DRAWN: MDB |
| CHECKED: CEU | APPROVED: MDB |
| PROJECT No.: 877786 | SEQUENCE No.: 15 |
| SHEET: 1 | OF 1 |

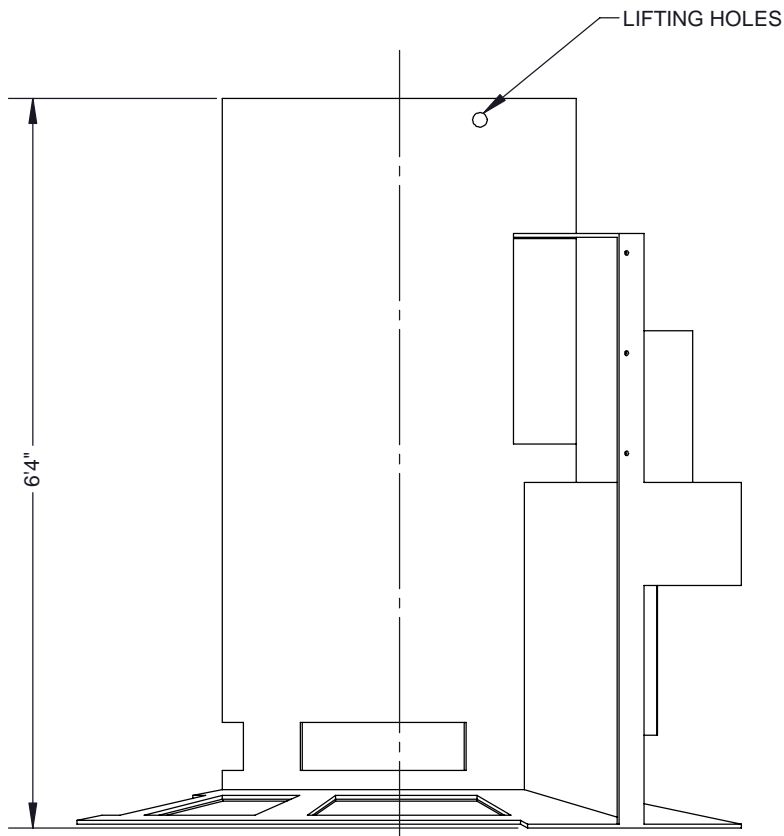
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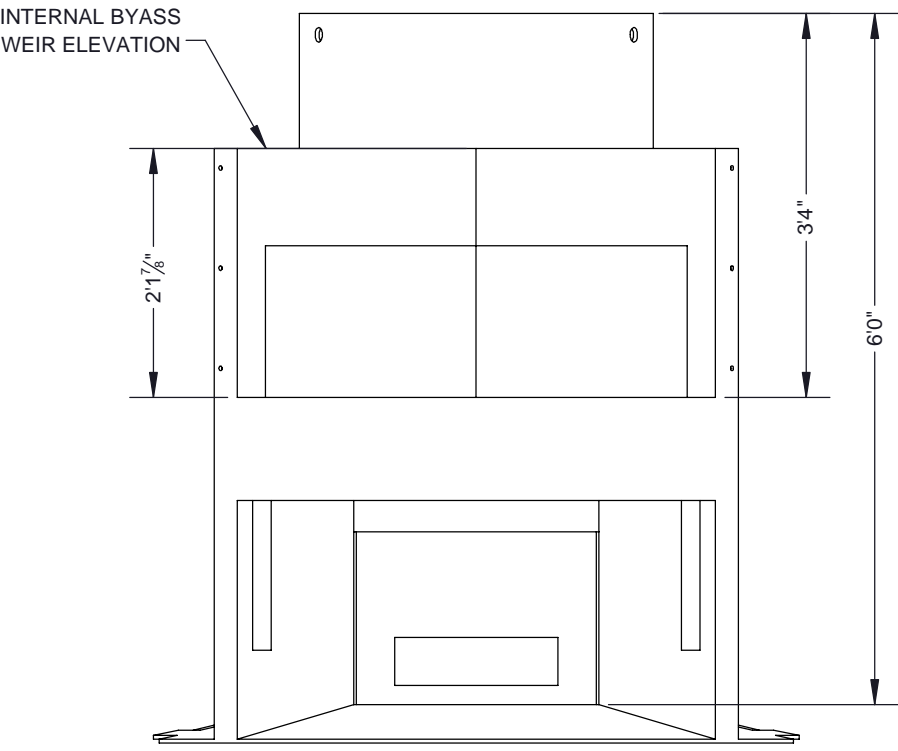
PLAN VIEW



ISOMETRIC VIEW



ELEVATION VIEW



ELEVATION VIEW: OUTLET SIDE

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

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9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

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 | |