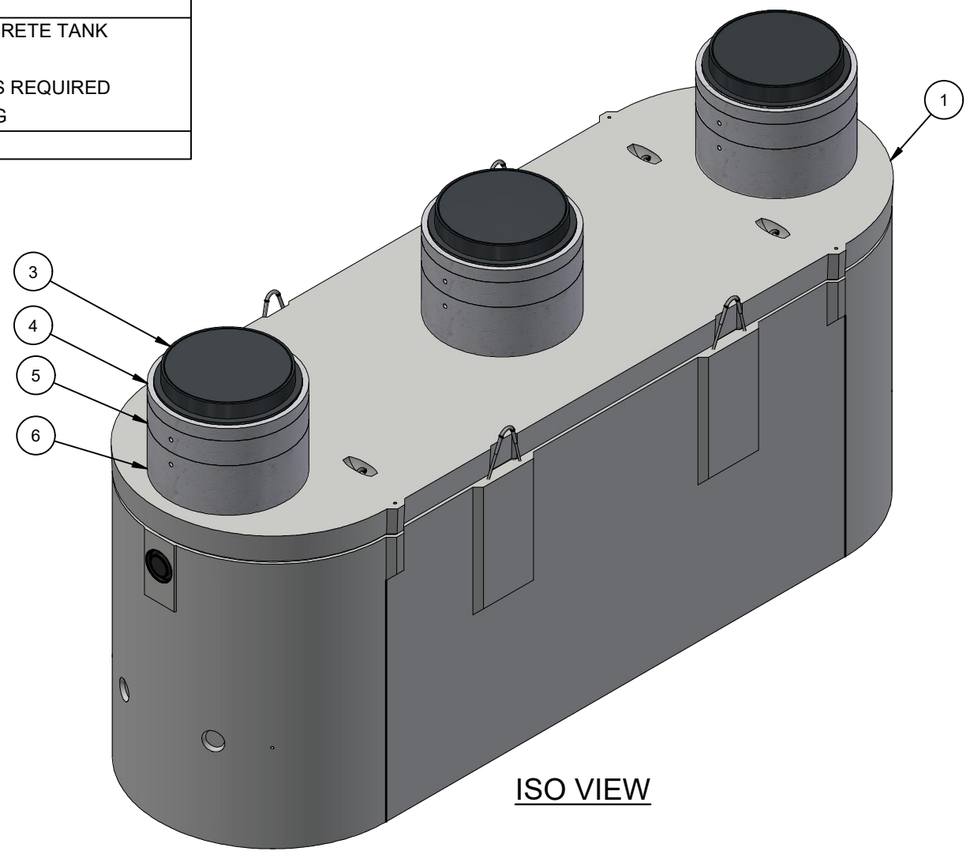
| DESIGN NOTES |
|---|
| ■ THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN PRECAST FACILITY. |
| ■ ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI. |
| ■ REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60 OR ASTM A706 GRADE 60. |
| ■ EQUIVALENT AREA WELDED WIRE REINFORCING CAGES MAY BE UTILIZED IN LIEU OF GRADE 60 REBAR. |
| ■ WELDED WIRE REINFORCING SHALL COMPLY WITH ASTM A1064. |
| ■ SEE TITLE BLOCK FOR BURY DEPTH RANGE, WATER TABLE LEVEL, AND DESIGN AND LOADING SPECIFICATIONS. |
| ■ SOIL UNIT WEIGHT DRY – 100 lbs/cu.ft. |
| ■ EQUIVALENT LATERAL EARTH PRESSURE DRY: 30 lbs/cu.ft. |
| ■ SOIL UNIT WEIGHT DRY – 120 lbs/cu.ft |
| ■ EQUIVALENT LATERAL EARTH PRESSURE WET: 80 lbs/cu.ft. |
| ■ IN COMPLIANCE WITH UNIFORM PLUMBING CODE (UPC), INTERNATIONAL PLUMBING CODE (IPC), AND STRUCTURAL LOADING REQUIREMENTS OF ASTM INTERNATIONAL. |
| ■ MINIMUM ONE (1) ACCESS OPENING PER COMPARTMENT REQUIRED (AS SHOWN). ADDITIONAL ACCESS CAN BE ADDED IN LIEU OF PLUG COVER WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICITON. |
| ■ MUST BE INSTALLED PER "JENSEN PRECAST UNDERGROUND WASTEWATER PRECAST CONCRETE TANK INSTALLATION PROCEDURE" WHICH CAN BE FOUND AT https://www.jensenprecast.com/Tank-Installation-Procedure-d2106.pdf. THIS PROCEDURE ADDRESSES REQUIRED EXCAVATION, SITE PREPARATION, INSTALLATION, VENTILATION, AND WATER/VACCUM TESTING |
| ■ CALCULATION NUMBER(S): #54239-JOP2000 AND #54239-JOP2000TS |

## BILL OF MATERIALS

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|---|---|---|---|
| 1 | 1 | 200092283 | Tank JOP 2000 Gallon 6 Inch Assembly 24"E, 24"C, 24"E Double Baffle |
| 2 | 1 | 200092413 | 200092404 Plumbing - JOP 2000 Gallon 6 Inch Layout Clarifier 24"E, 24"C, 24"E Double Baffle |
| 3 | JOB SPECIFIC | 100005850 | CI RINGCOVER 24DIA B-5105-02/B-5105-R2 ASTM A48 CL35B CP O-RING GASKET OSI JENSEN/INTERCEPT |
| 4 | JOB SPECIFIC | 100001524 | Grade Ring D2432x3 |
| 5 | JOB SPECIFIC | 100001525 | Grade Ring D2432x6 |
| 6 | JOB SPECIFIC | 100001526 | Grade Ring D2432x12 |
| 7 | JOB SPECIFIC | 100012046 | Plug Cover D2428x6 Slab Top |




ISO VIEW

# MODEL: JOP-2000-CL

| CHANGE HISTORY | | | |
|---|---|---|---|
| NO. | DESCRIPTION | DATE | BY |
| 1 | 2208-54239 | 8/13/2024 | |

| | | | |
|---|---|---|---|
| BURY DEPTH: | 1.1' - 6.0' to Top | | |
| WATER LEVEL: | Below Structure | APPROX. WEIGHT: | 26864.58 Lbs |
| DESIGN SPEC: | ACI 318,ASTM C890 | LOADING SPEC: | A-16 (AASHTO HS20-44) |
| AGENCY: | | AGENCY SPEC: | |

JENSEN PRECAST EST. 1968

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DESCRIPTION: Tank JOP 2000 Gallon 6 Inch IN-E OUT-E Layout Clarifier 24"E, 24"C, 24"E Double Baffle

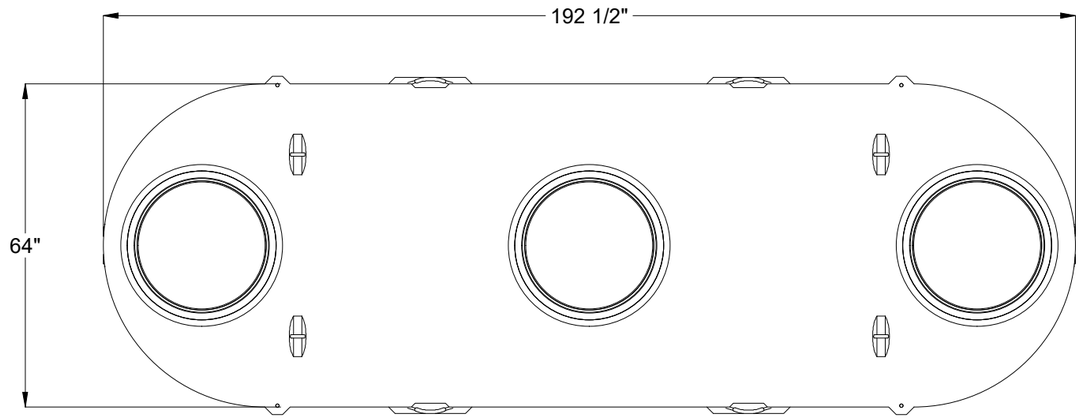
LAYOUT REVIEW

REV: A

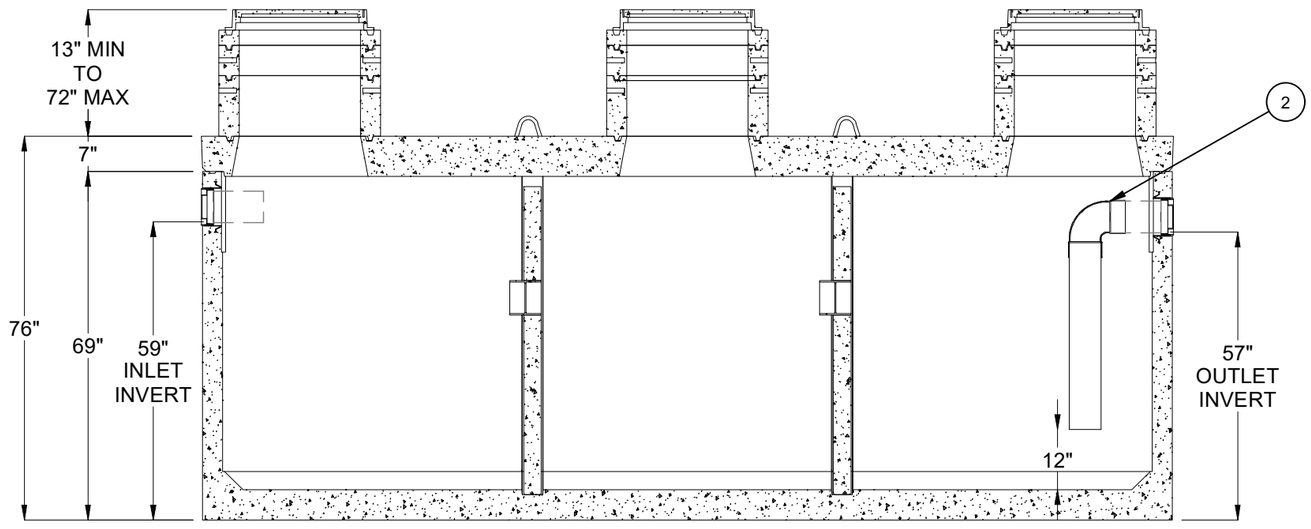
| | | | |
|---|---|---|---|
| PART NUMBER: | 200092404 | DRAWN BY: | B. Evans |
| CREATED: | 8/14/2024 | MODIFIED: | 9/5/2024 |

SHEET: 1 OF 2

200092404.idw




PLAN VIEW




CROSS SECTION

| | | | |
|---|---|---|---|
| BURY DEPTH: | 1.1' - 6.0' to Top | | |
| WATER LEVEL: | Below Structure | APPROX. WEIGHT: | 26864.58 Lbs |
| DESIGN SPEC: | ACI 318,ASTM C890 | LOADING SPEC: | A-16 (AASHTO HS20-44) |
| AGENCY: | | AGENCY SPEC: | |

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| | | | |
|---|---|---|---|
| DESCRIPTION: | Tank JOP 2000 Gallon 6 Inch IN-E OUT-E Layout Clarifier 24"E, 24"C, 24"E Double Baffle<br>LAYOUT DRAWING | | REV: A |
| PART NUMBER: | 200092404 | DRAWN BY: | B. Evans |
| CREATED: | 8/14/2024 | MODIFIED: | 9/5/2024 |
| | | | SHEET: 2 OF 2 |

200092404.idw