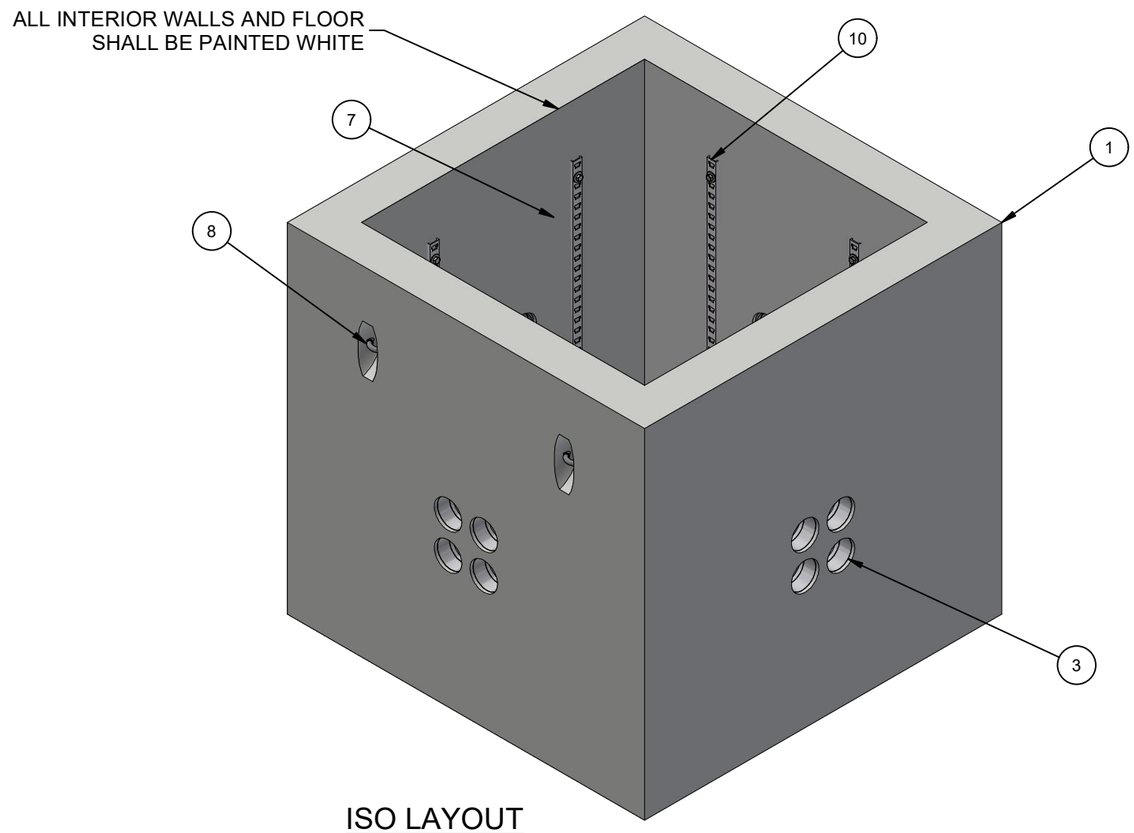
DESIGN NOTES:

- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

- THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN INFRASTRUCTURE FACILITY
- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - NONE
- INTERNAL LINER/COATING - Paint - White Latex
- EXTERNAL LINER/COATING - NONE



ISO LAYOUT

BILL OF MATERIALS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	53.234 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	16	100003014	TERMINATOR DUCT WITH SEAL 4.5IN OR 4.35IN T4351
3	16	100019623	TERMINATOR DUCT EXTENSION 4X2 TBE4X2
4	16	100012720	INSERT PLASTIC W/ BREAK OFF SNAP 0.5IN
5	2	100005928	INSERT FERRULE LOOP 1/4 X 2-3/4 PLATED F42
6	4	100008599	PULL IRON OFFSET .875DIA 3.875 IH X 11.5L X 6.75W GALV
7	2	100005931	GROUND INSERTS BOTTLE ROCKET BRASS 1/4X16 STEEL ROD 12D69
8	4	100004880	ANCHOR UTILITY .671DIA 5.625-SLAB GALV P75 6UA671
9	1.250 gal	100006420	COATING PAINT LATEX WHITE
10	8	100002528	CABLE RACK SUPPORT 22-HOLE GALV
11	16	100013415	MACHINE BOLT 1/2-13 UNRC-2A 2IN HDG
12	16	100008814	WASHER FLAT 1/2 REGULAR TYPE A GALV
13	1	300124747	REINFORCING MAT 300124747
14	2	100007387	1/2" GROUND INSERT WIRE ROPE CLAMP GALV

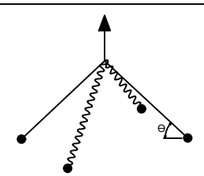
200038253.idw

LIFTING NOTES

■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.

*All rigging shall be design by a qualified professional. Loading diagrams show illustrations of possible rigging setups to achieve the required sling angle and load leg equalization. Other valid rigging configurations are possible. A qualified professional must be consulted prior to lifting.

RIGGING DIAGRAM* **B**



BURY DEPTH:	4.2' - 9.7' to Top		
WATER LEVEL:	3.5'	APPROX. WEIGHT:	8036.95 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	A-Anchor

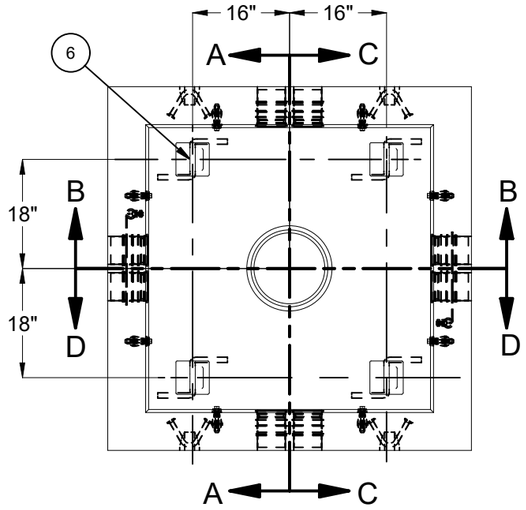
Infrastructure
JENSEN
WWW.JENSENPRECAST.COM

©2025 Jensen Infrastructure - All rights reserved.
All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Infrastructure , any use of Jensen Infrastructure work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action.
This product shall only be produced in a Jensen Infrastructure facility.

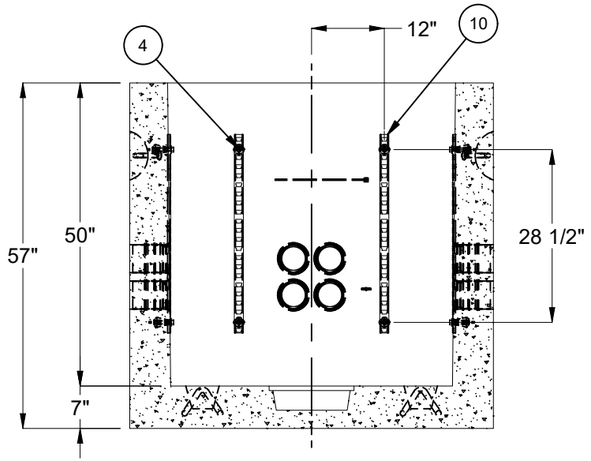
CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
A	DRAWING CREATED	4/27/20	MRV
B	LIFTING UPDATE TO UTILITY ANCHORS	2/16/2020	MRV
C	LIFTING UPDATED	9/15/2022	E.FINE
D	1/2" GROUND INSERT WIRE CLAMP ADDED / DRAWING UPDATED	9/22/2025	HA

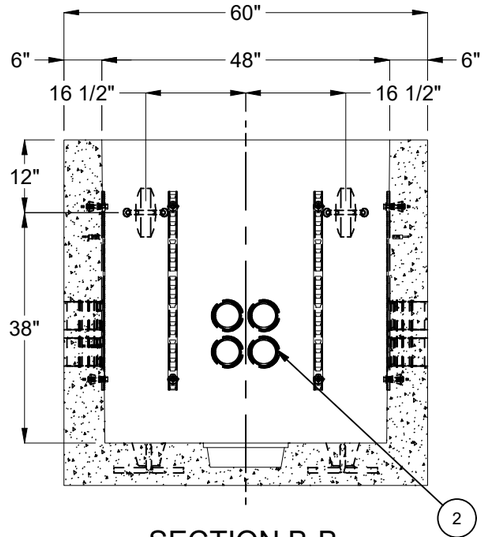
DESCRIPTION:	Vault 4848x50 Rect. Bottom Section Terminators Sump AT&T Int. Paint - White Latex CASTING LAYOUT		REV: C-1-1
PART NUMBER:	200038253	DRAWN BY:	H.Alnuaimi
CREATED:	4/10/2020	MODIFIED:	9/22/2025
			SHEET: 1 OF 2



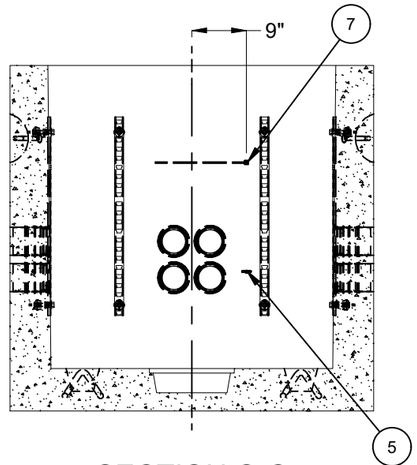
PLAN VIEW



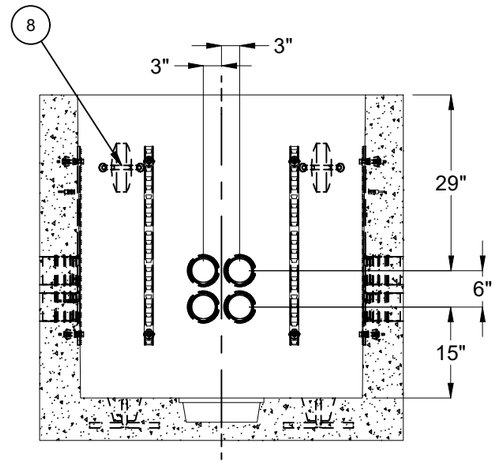
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	4.2' - 9.7' to Top		
WATER LEVEL:	3.5'	APPROX. WEIGHT:	8036.95 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	A-Anchor

Infrastructure
JENSEN
WWW.JENSENPRECAST.COM

©2025 Jensen Infrastructure - All rights reserved.
All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Infrastructure , any use of Jensen Infrastructure work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action. This product shall only be produced in a Jensen Infrastructure facility.

DESCRIPTION:	Vault 4848x50 Rect. Bottom Section Terminators Sump AT&T Int. Paint - White Latex CASTING DRAWING		REV: C-1-1
PART NUMBER:	200038253	DRAWN BY:	H.Alnuaimi
CREATED:	4/10/2020	MODIFIED:	9/22/2025
			SHEET: 2 OF 2

200038253.idw