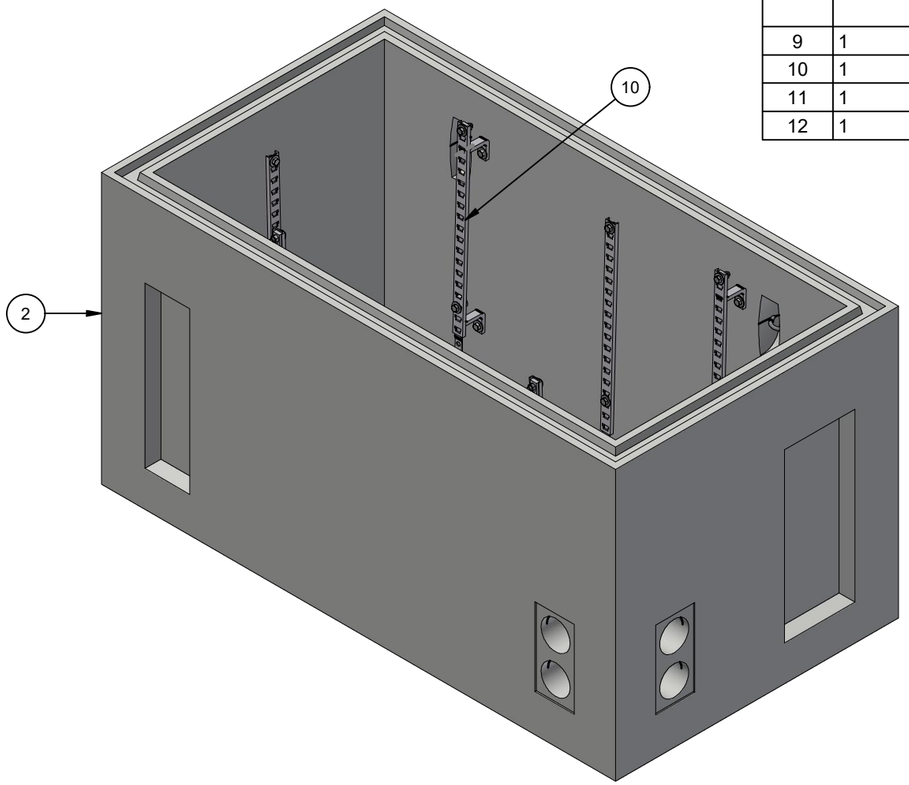
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	1	100020680	REINFORCING MAT 100020680
2	31.359 ft^3	31.359 ft^3	100011425	CONCRETE MIX 5000 PSI
3	1	4	100004660	PULL IRON OFFSET B783519 3.5H X 19L X.875DIA GALV
4	1	8	100003015	TERMINATOR DUCT WITH SEAL 4.5IN T4501
5	1	8	100007235	ANCHOR UTILITY .444DIA 4-SLAB GALV P75 4UA444
6	1	18	100013415	MACHINE BOLT 1/2-13 UNRC-2A 2IN HDG
7	1	26	100002658	WASHER FLAT 1/2 REGULAR TYPE A ZINC
8	1	8	100005740	CABLE RACK SUPPORT S-BRACKET 1/2 X 1 X 3-5/8 INW 10A40
9	1	16	100012720	INSERT PLASTIC W/ BREAK OFF SNAP 0.5IN
10	1	8	100002527	CABLE RACK 18 HOLE GALV TABS
11	1	8	100034614	HEX BOLT 1/2-13 UNC 1.5 GALV
12	1	8	100007007	HEX NUT 1/2-13 UNC HEAVY GALV



ISO LAYOUT

LIFTING NOTES
■ PLANT DEMOLDING: MINIMUM HANDLING CONCRETE STRENGTH F'c = 2500 PSI RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 4 LIFTING POINTS WITH A SLING ANGLE BETWEEN 60° AND 90°
■ FIELD INSTALLATION: MINIMUM HANDLING CONCRETE STRENGTH F'c = 5000 PSI RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 4 LIFTING POINTS WITH A SLING ANGLE BETWEEN 60° AND 90°

CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	4767.98 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	A-Anchor

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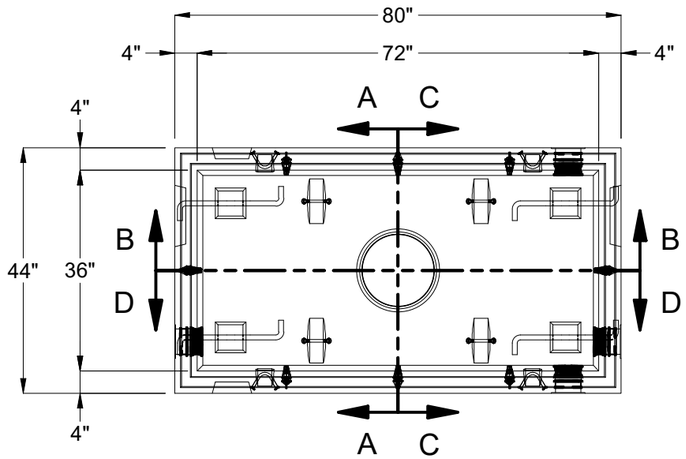
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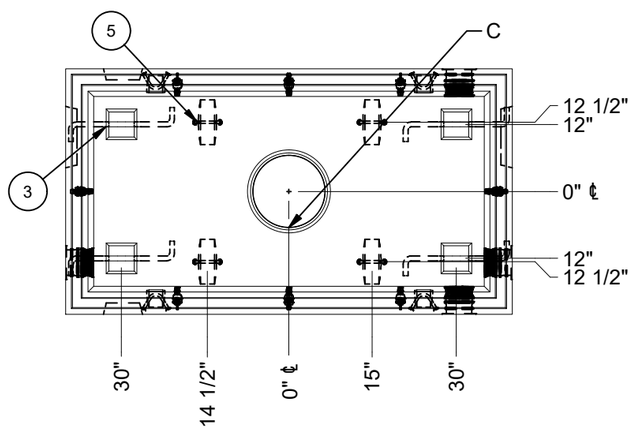
DESCRIPTION:	Vault 3672x36 Rect. Bottom Section Knockout,Terminators Sump CASTING LAYOUT		REV: A-1
PART NUMBER:	100013345	DRAWN BY:	D. Frazier
CREATED:	8/11/2022	MODIFIED:	5/5/2023
			SHEET: 1 OF 2

100013345.idw

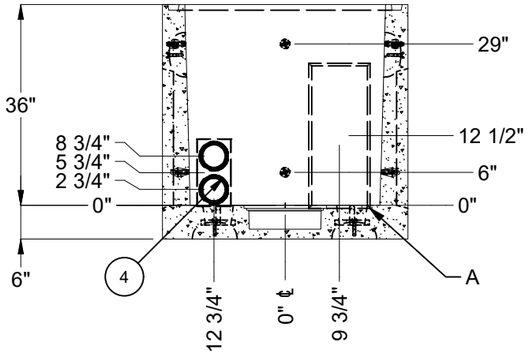
FEATURES		
ID	DESCRIPTION	QTY
A	10"(X) x 25"(Y) x 2" Deep Knockout	2
B	6"(X) x 24"(Y) x 2" Deep Knockout	2
C	Ø12" x 4" Deep Sump	1



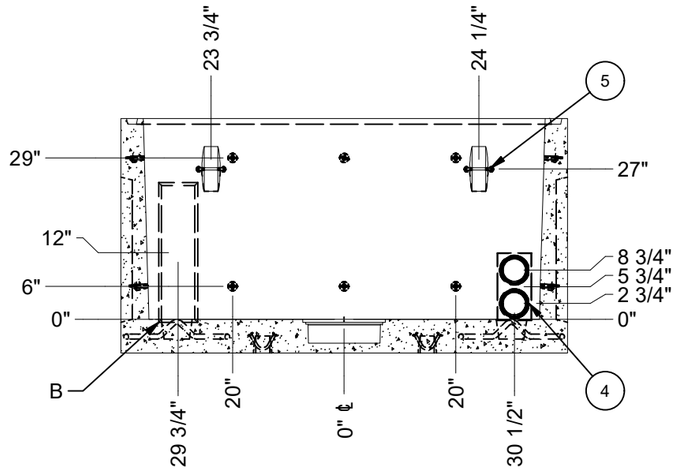
PLAN VIEW



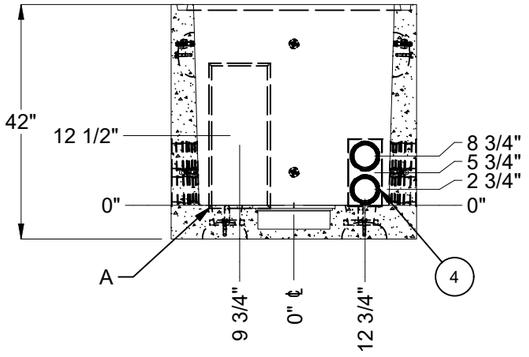
PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



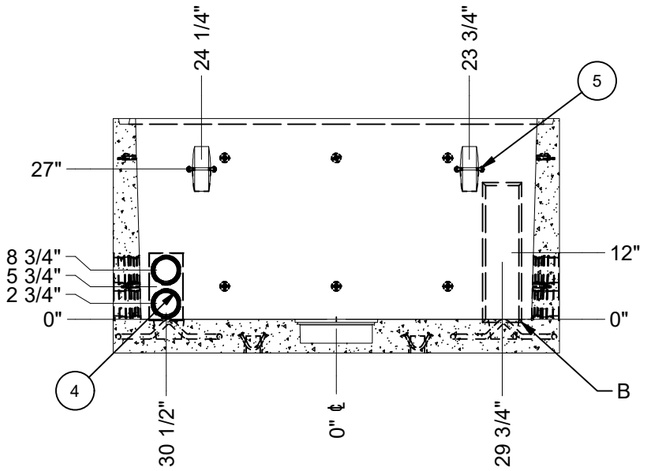
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	4767.98 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	A-Anchor

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DESCRIPTION:	Vault 3672x36 Rect. Bottom Section Knockout,Terminators Sump CASTING DRAWING		REV: A-1
PART NUMBER:	100013345	DRAWN BY:	D. Frazier
CREATED:	8/11/2022	MODIFIED:	5/5/2023
			SHEET: 2 OF 2

100013345.idw