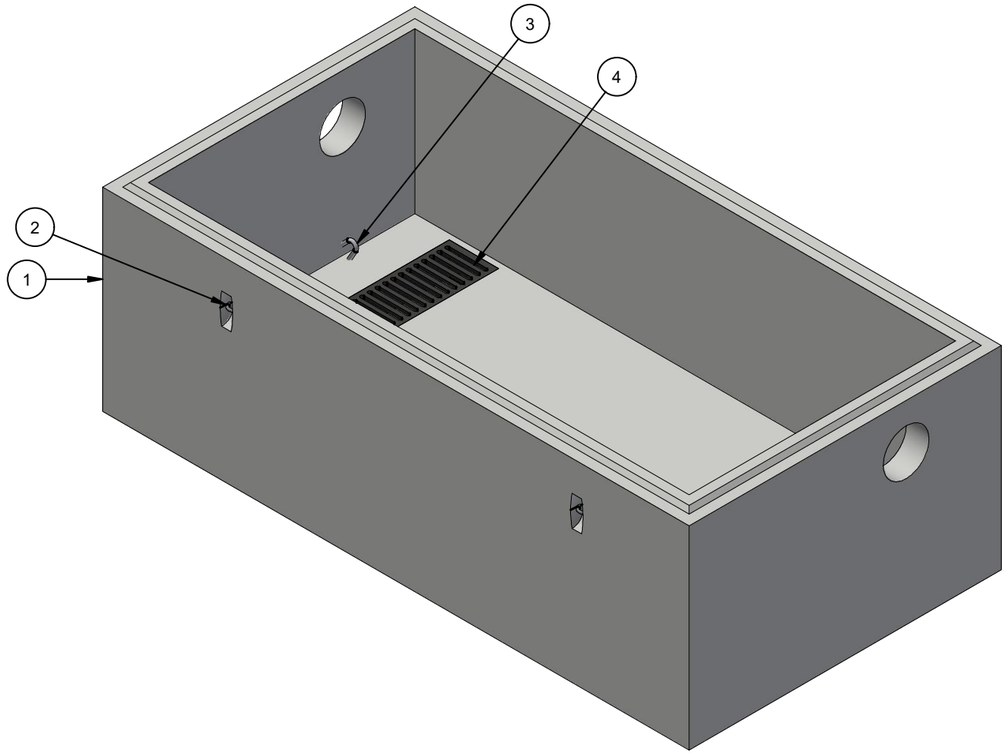
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	132.603 ft^3	132.603 ft^3	100011425	CONCRETE MIX 5000 PSI
2	1	8	100004880	ANCHOR UTILITY .671DIA 5.625-SLAB GALV P75 6UA671
3	1	4	100039426	PULL IRON OFFSET .875DIA 9.125 IH X 8L X 5W GALV
4	1	1	100040360	GRATE 1367 ALUM (Customer Supplied)
5	1	1	400011002	REINFORCING MAT 400011002



ISO LAYOUT

400011001.idw

LIFTING NOTES
■ PLANT DEMOLDING: MINIMUM HANDLING CONCRETE STRENGTH F'c = 2500 PSI RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 4 LIFTING POINTS WITH A 60° SLING ANGLE.
■ FIELD INSTALLATION: MINIMUM HANDLING CONCRETE STRENGTH F'c = 2500 PSI RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 2 LIFTING POINTS WITH A 90° SLING ANGLE.

CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	5/19/22	JW

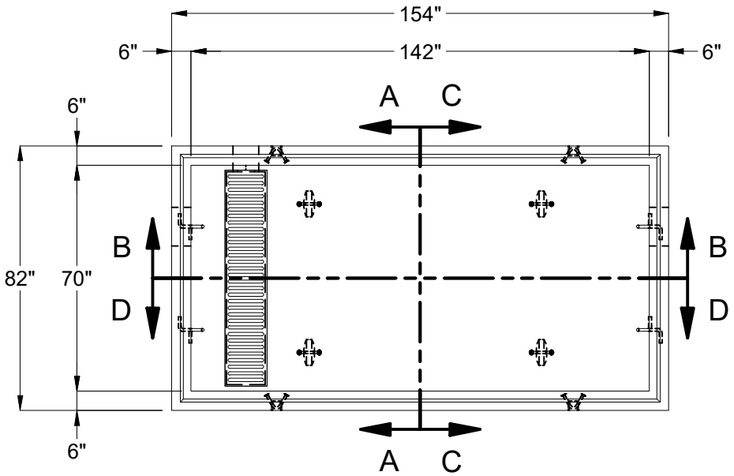
BURY DEPTH:	4.3' - 5.3' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	20046.9 Lbs
DESIGN SPEC:	ASTM C890,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	A-Anchor

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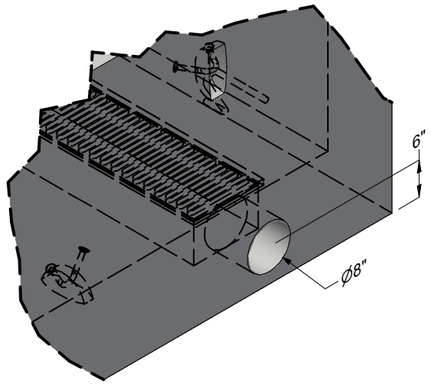
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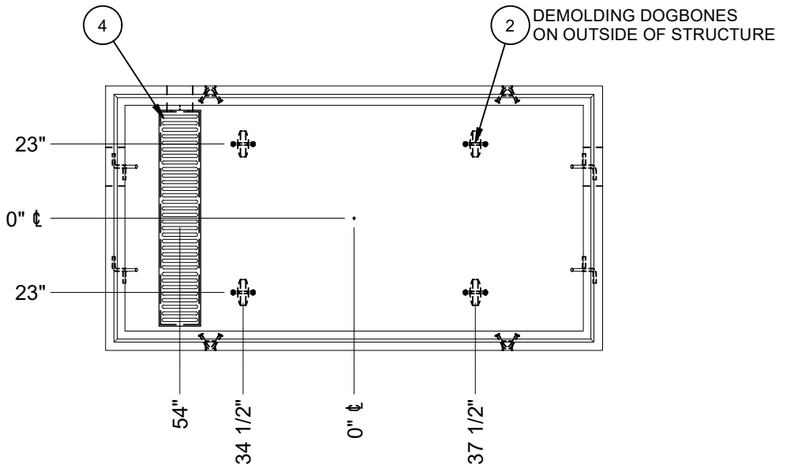
DESCRIPTION:	Vault 70142x42 Rect. Bottom Section CASTING LAYOUT		REV: A-2
PART NUMBER:	400011001	DRAWN BY:	J. Warren
CREATED:	5/4/2022	MODIFIED:	5/19/2022
			SHEET: 1 OF 2



PLAN VIEW

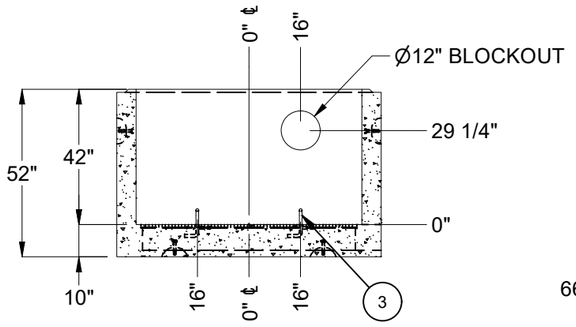


DETAIL E
(SHOWING BLOCKOUT INTO SUMP)

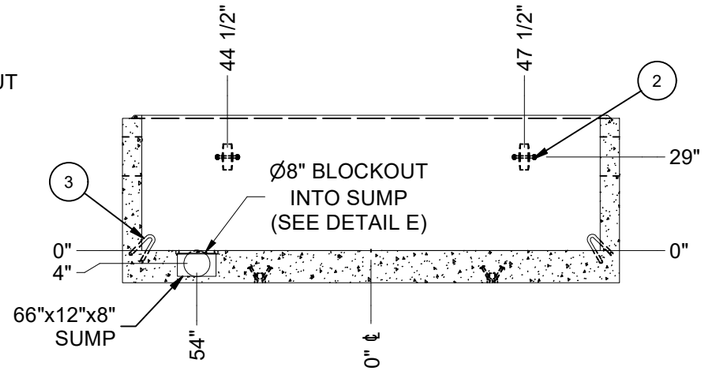


PLAN VIEW
(SHOWING OBJECT DIMENSIONS)

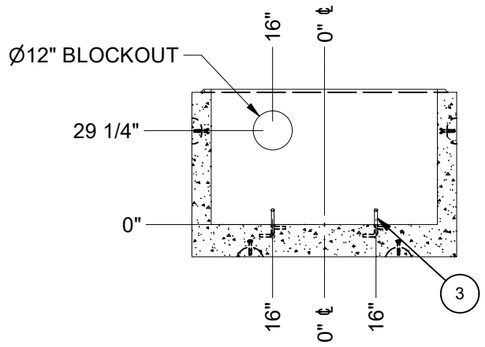
400011001.idw



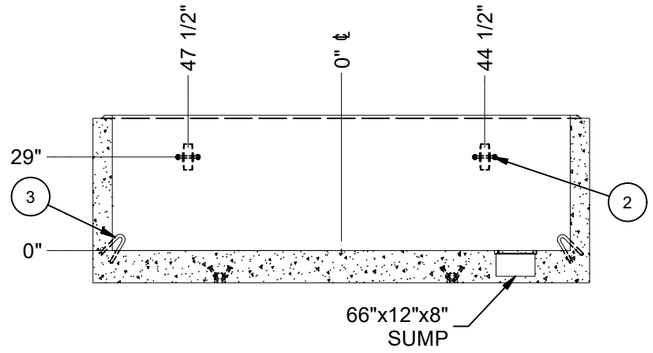
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	4.3' - 5.3' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	20046.9 Lbs
DESIGN SPEC:	ASTM C890,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	A-Anchor

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DESCRIPTION:	Vault 70142x42 Rect. Bottom Section CASTING DRAWING		REV: A-2
PART NUMBER:	400011001	DRAWN BY:	J. Warren
CREATED:	5/4/2022	MODIFIED:	5/19/2022
			SHEET: 2 OF 2