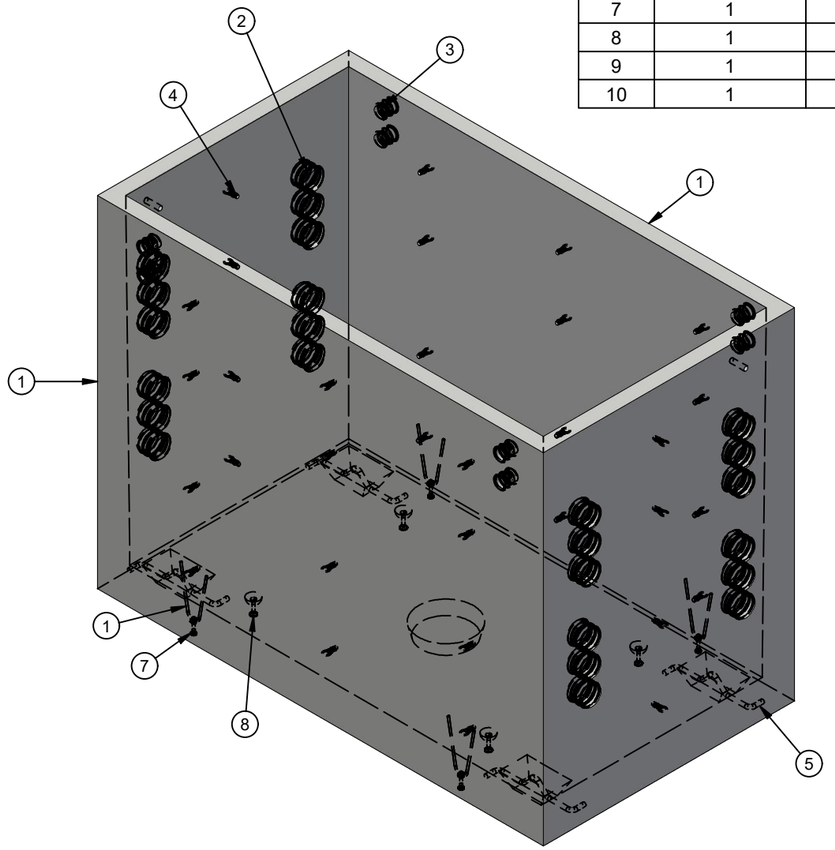
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	74.557 ft^3	74.557 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	24	100003016	TERMINATOR DUCT WITH SEAL 4.5IN SHORT T4504
3	1	8	100014034	TERMINATOR DUCT WITH SEAL 2IN SHORT T2000
4	1	32	100002765	INSERT FERRULE LOOP 1/2 X 2-3/4 PLATED FX-5
5	1	4	100004660	PULL IRON OFFSET B783519 3.5H X 19L X.875DIA GALV
6	1	4	100002965	ANCHOR EYE DOGBONE PIN 2T X 24L MB DB-60
7	1	4	100002957	ANCHOR EYE DOGBONE LIFT 2T X 3-1/2 GALV MB DB-53
8	1	4	100002867	ANCHOR DOGBONE LIFT 2T X 3-3/8 GALV MB DB-52
9	1	1	400000531	REINFORCING MAT 400000531
10	1	1	400000532	REINFORCING MAT 400000532

400000530.idw



ISO LAYOUT

LIFTING NOTES
■ PLANT DEMOLDING: MINIMUM HANDLING CONCRETE STRENGTH F'c = 2000 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°

REVISION HISTORY			
REV	DESCRIPTION	DATE	BY
A	INITIAL RELEASE	06/03/2019	BTW

BURY DEPTH:	6.6' - 10.1' to Inside Floor		
WATER LEVEL:	Below Structure	WEIGHT:	11236.39 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION: Vault 54102x78 Rect. Bottom Section Flat Terminators Sump

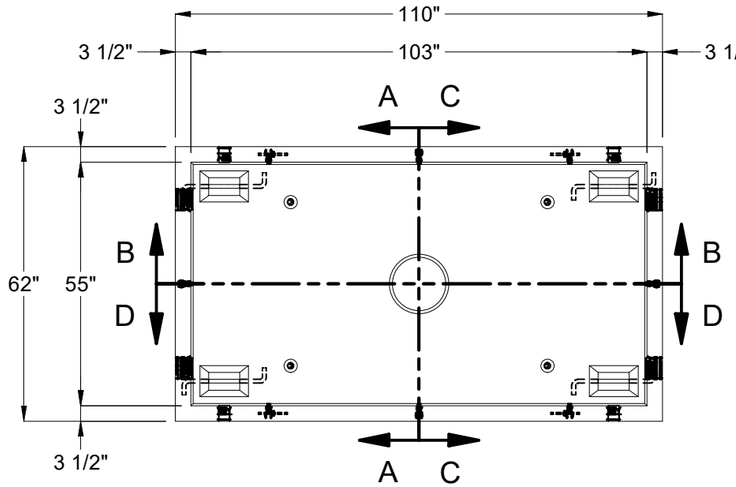
CASTING LAYOUT

REV:

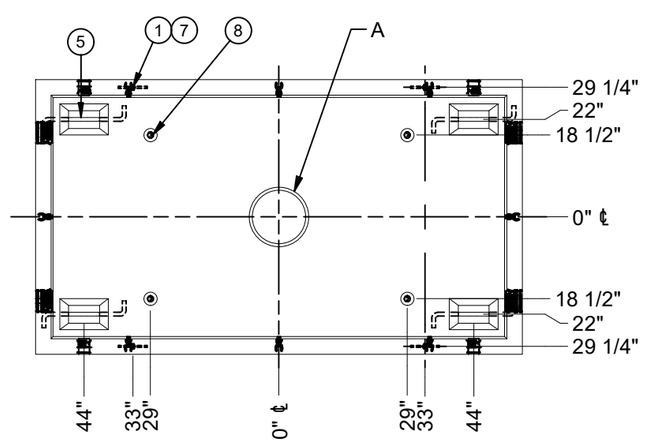
PART NUMBER:	400000530	DRAWN BY:	B. Evans
CREATED:	6/3/2019	MODIFIED:	6/3/2019

SHEET: 1 OF 2

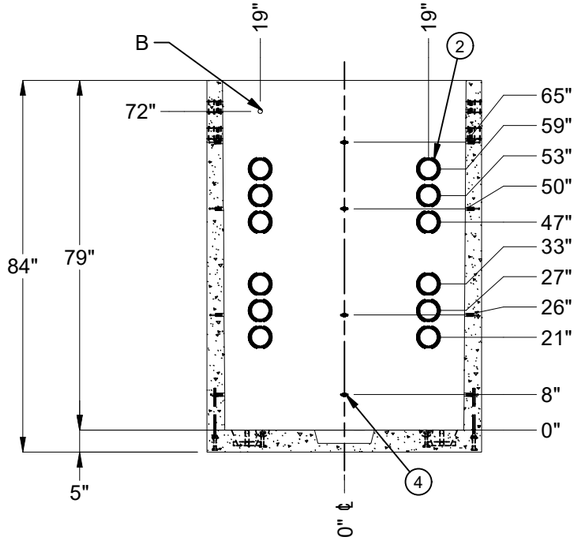
FEATURES		
ID	DESCRIPTION	QTY
A	Ø12" x 3" Deep Sump Impression	1
B	Ø1" (Rough) Opening	2



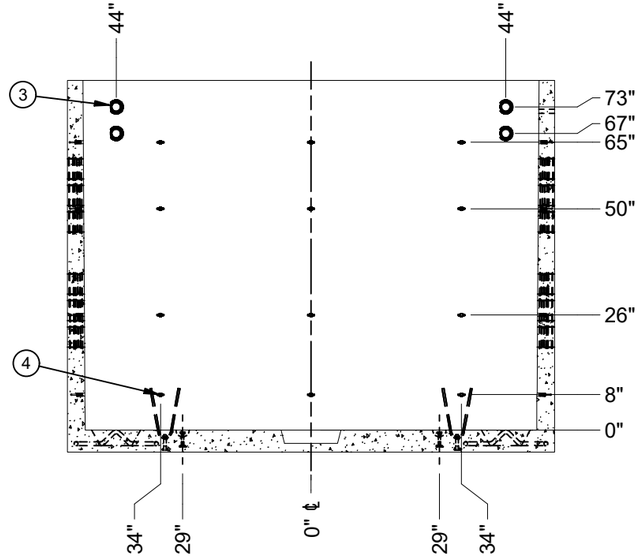
PLAN VIEW



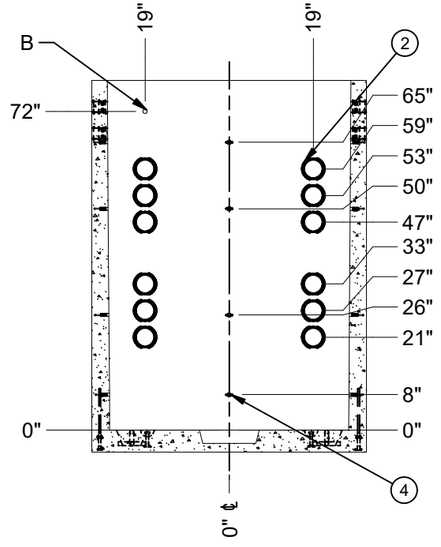
PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



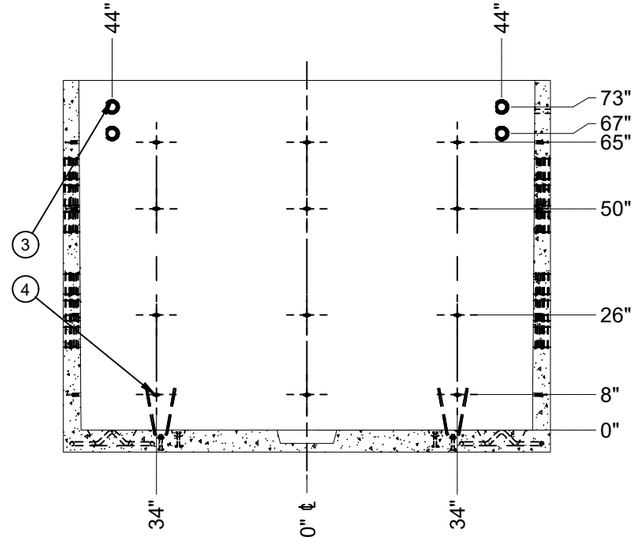
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	6.6' - 10.1' to Inside Floor		
WATER LEVEL:	Below Structure	WEIGHT:	11236.39 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION:	Vault 54102x78 Rect. Bottom Section Flat Terminators Sump CASTING DRAWING		REV:
PART NUMBER:	400000530	DRAWN BY:	B. Evans
CREATED:	6/3/2019	MODIFIED:	6/3/2019
			SHEET: 2 OF 2

400000530.idw