DESIGN NOTES:

- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 6500 PSI MCI Hawaii
- SOIL UNIT WEIGHT DRY - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 50 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

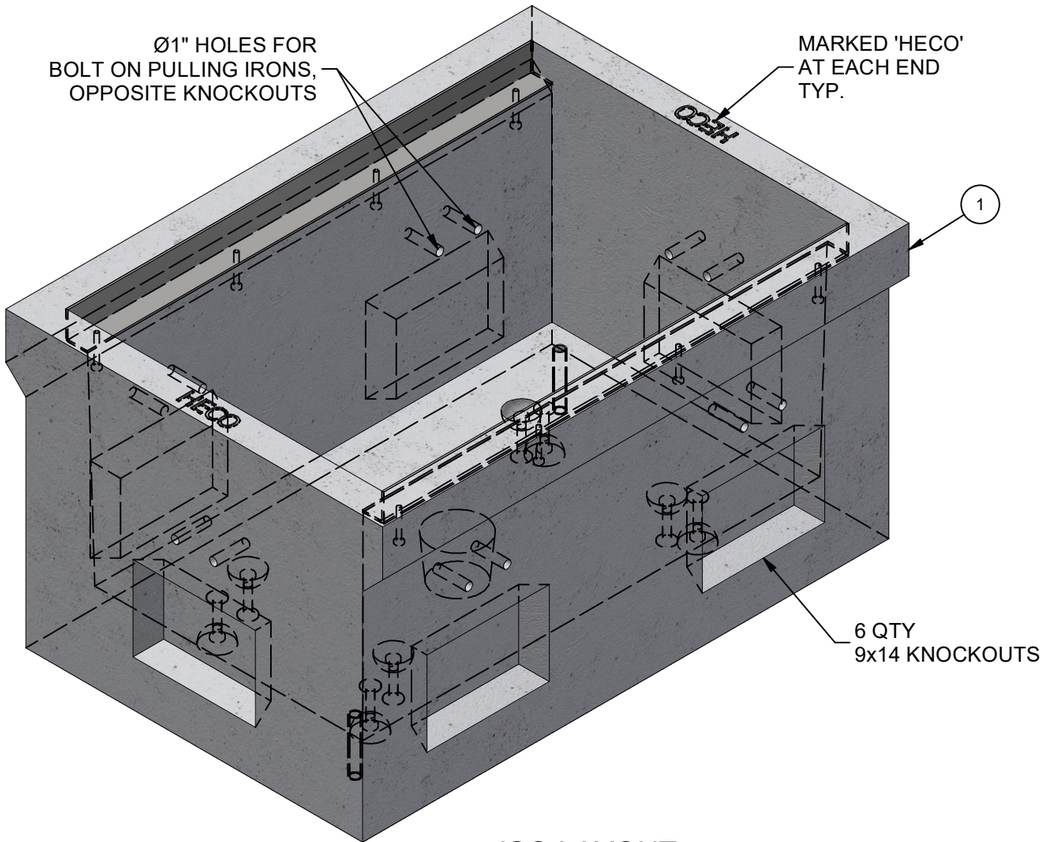
- THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN PRECAST FACILITY
- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - NONE
- INTERNAL LINER/COATING - NONE
- EXTERNAL LINER/COATING - NONE

XYPEX C-500 NF ADMIXTURE AT DOSAGE OF 1%-1.5% BY WEIGHT

CONCRETE MIX SHALL INCLUDE CORTEC MCI 2005 NS ADMIXTURE

BILL OF MATERIALS

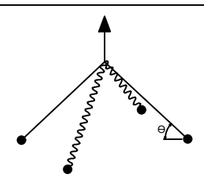
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	26.623 ft^3	26.623 ft^3	100044888	CONCRETE REDI-MIX ISLAND CPJENC CORTEC MCI-2005 6500PSI
2	1	1	100002439	FRAME 3660 HD 2/SET GALV
3	1	1	300151610	REINFORCING MAT 300151610
4	1	8	100002874	ANCHOR DOGBONE P52 4T X 4-3/4" GALV
5	7.000 in	14.000 in	100005720	PIPE PVC CLASS 200 1IN DIA
6	8.500 lbmass	8.500 lbmass	100034681	ADMIX CRYSTALLINE WATERPROOFING XYPEX C-500 NF



ISO LAYOUT

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3000 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:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	4063.41 Lbs
DESIGN SPEC:	AASHTO LRFD	LOADING SPEC:	AASHTO HL-93
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	MINOR READABILITY EDITS TO CAGE REVIEW SHEET	2/14/2025	BCM
2			
3			

DESCRIPTION: Vault 3660x30 Rect. Bottom Section 6-9x14KO Xypex C-500 NF Cast-In Frame HECO CS9401-5

CASTING LAYOUT

REV: B-1

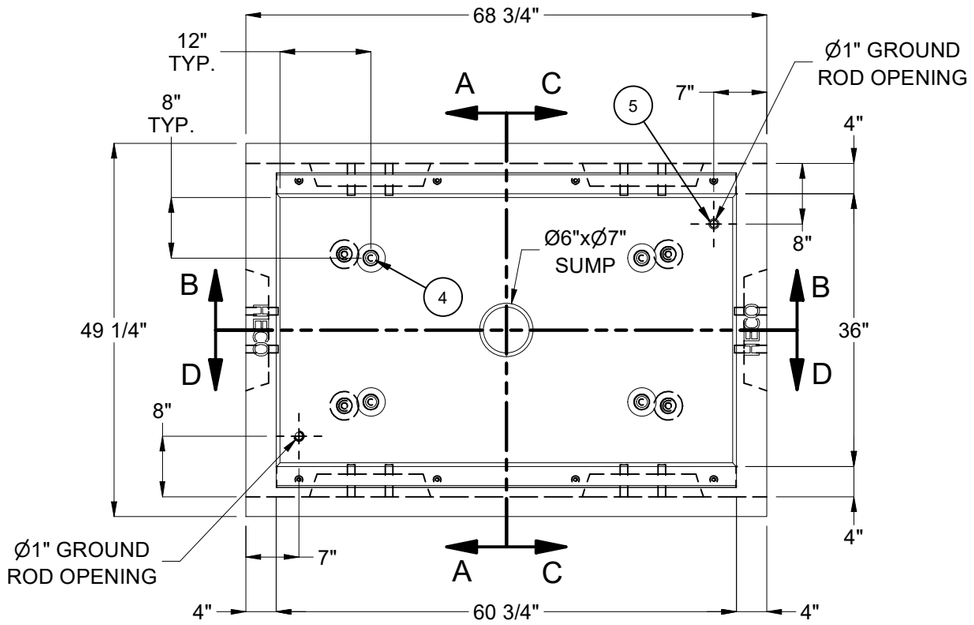
PART NUMBER:	200056439	DRAWN BY:	B. McConnell
CREATED:	9/16/2021	MODIFIED:	5/30/2025

SHEET: 1 OF 2

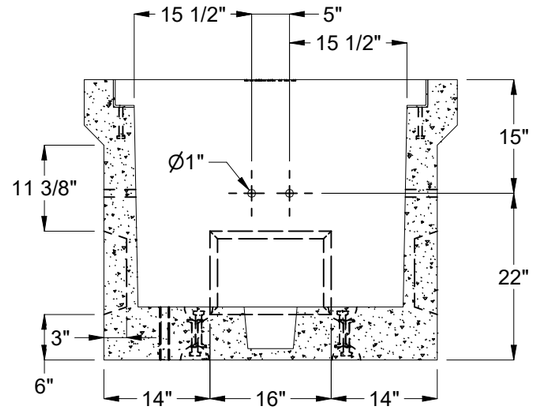
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BILL OF MATERIALS

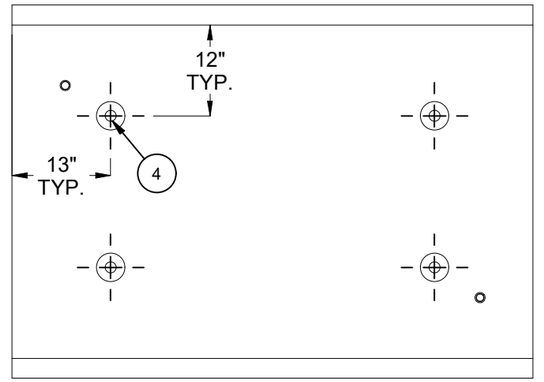
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
2	1	1	100002439	FRAME 3660 HD 2/SET GALV
4	1	8	100002874	ANCHOR DOGBONE P52 4T X 4-3/4" GALV
5	7.000 in	14.000 in	100005720	PIPE PVC CLASS 200 1IN DIA



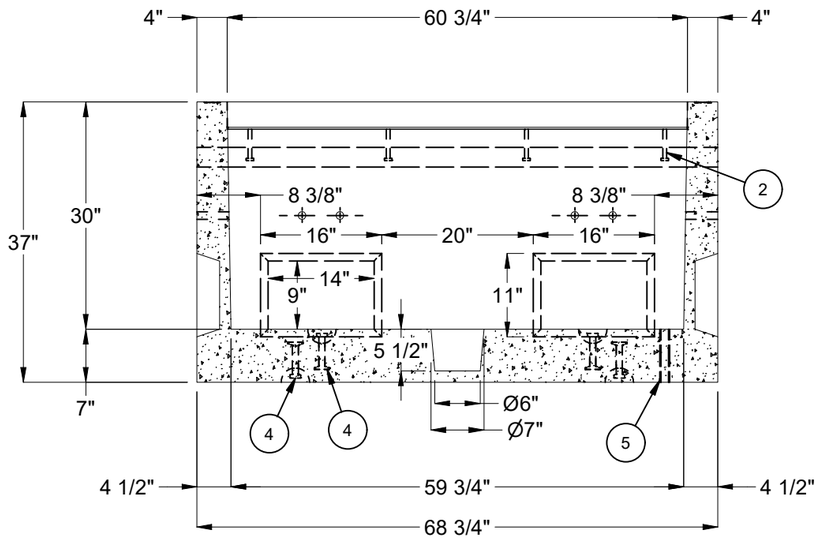
PLAN VIEW



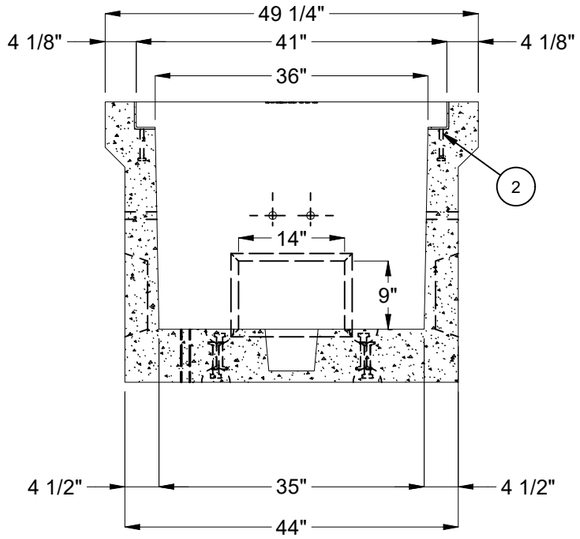
SECTION A-A



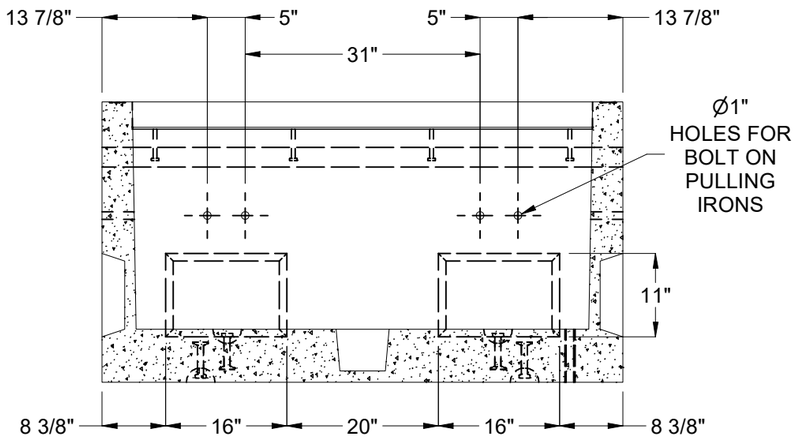
PLAN VIEW
LIFTING DEMOLDING



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	4063.41 Lbs
DESIGN SPEC:	AASHTO LRFD	LOADING SPEC:	AASHTO HL-93
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION: Vault 3660x30 Rect. Bottom Section 6-9x14KO Xypex C-500 NF Cast-In Frame HECO CS9401-5
CASTING DRAWING

PART NUMBER:	200056439	DRAWN BY:	B. McConnell
CREATED:	9/16/2021	MODIFIED:	5/30/2025

REV: B-1
SHEET: 2 OF 2

200056439.idw