DESIGN NOTES:

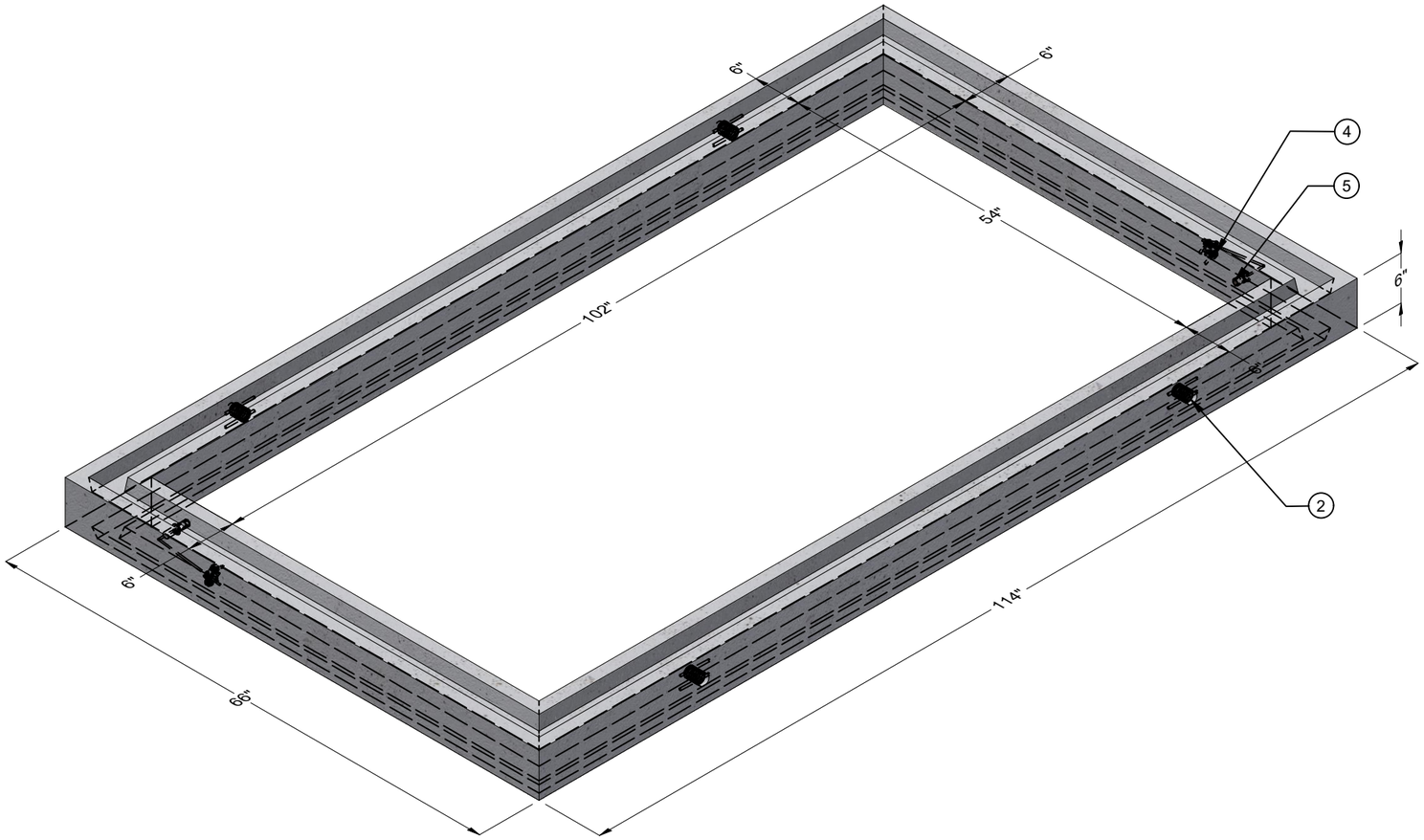
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 66 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 94 lbs/cu.ft.

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

BILL OF MATERIALS

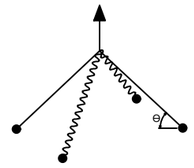
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	6.647 ft^3	6.647 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	4	100003350	INS THRD FRL THNSLB STRUT FX-16 7/8IN ZINC
3	1	1	100020471	REINFORCING MAT 300121632
4	1	2	100024063	GROUND CLAMP BRONZE 1/2-1 BLACKBURN TYPE J
5	1	2	100005932	INSERT GROUND BRONZE BOTTLE ROCKET 1/2-13 UNC WITH 11IN COPPER ROD 12H69



ISO REF

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 45° 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' - 5.0' to Top		
WATER LEVEL:	2.0'	WEIGHT:	1002.1 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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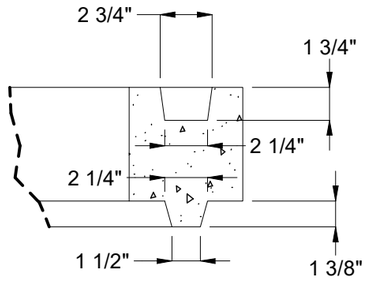
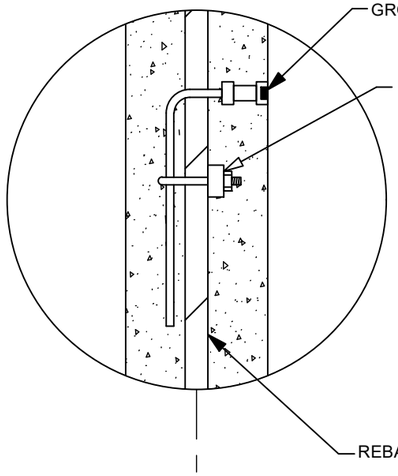
REVISION HISTORY			
REV	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	5/14/2024	APS

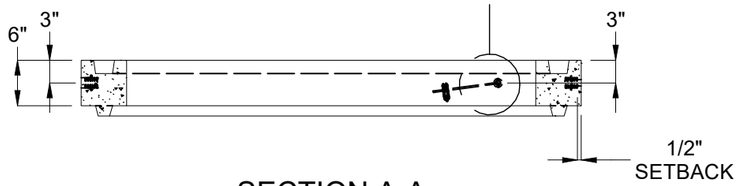
DESCRIPTION:	Riser 54102x6 PG&E 04-1094 CASTING LAYOUT		REV: A-2
PART NUMBER:	100001377	DRAWN BY: A.Sprung	SHEET: 1 OF 2
CREATED:	6/14/2019	MODIFIED: 5/28/2024	

100001377.idw

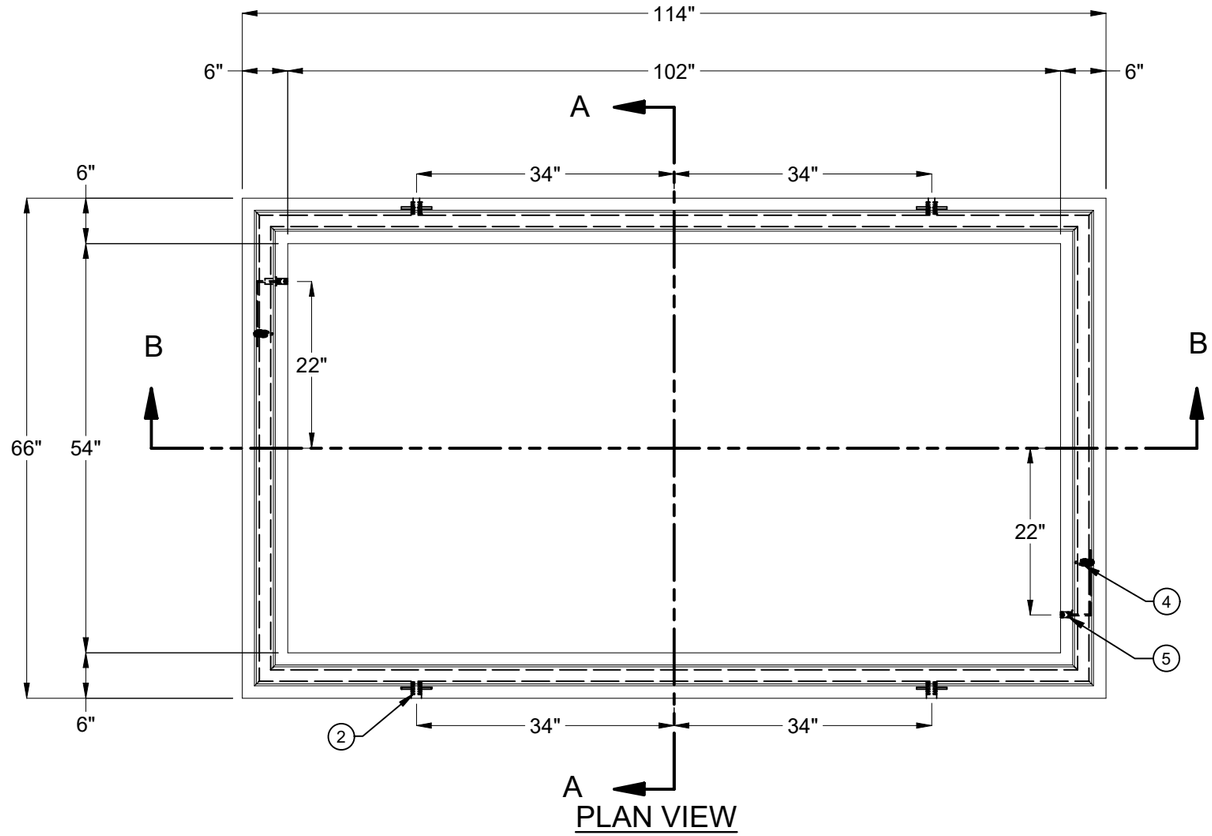


DETAIL C

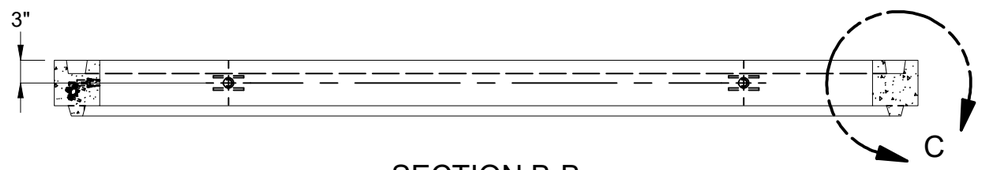




SECTION A-A



PLAN VIEW



SECTION B-B

BURY DEPTH:	0.0' - 5.0' to Top		
WATER LEVEL:	2.0'	WEIGHT:	1002.1 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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DESCRIPTION:	Riser 54102x6 PG&E 04-1094 CASTING DRAWING		REV: A-2
PART NUMBER:	100001377	DRAWN BY:	A.Sprung
CREATED:	6/14/2019	MODIFIED:	5/28/2024

SHEET: 2 OF 2

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