DESIGN NOTES:

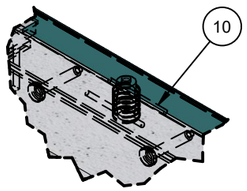
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.

PRODUCTION NOTES:

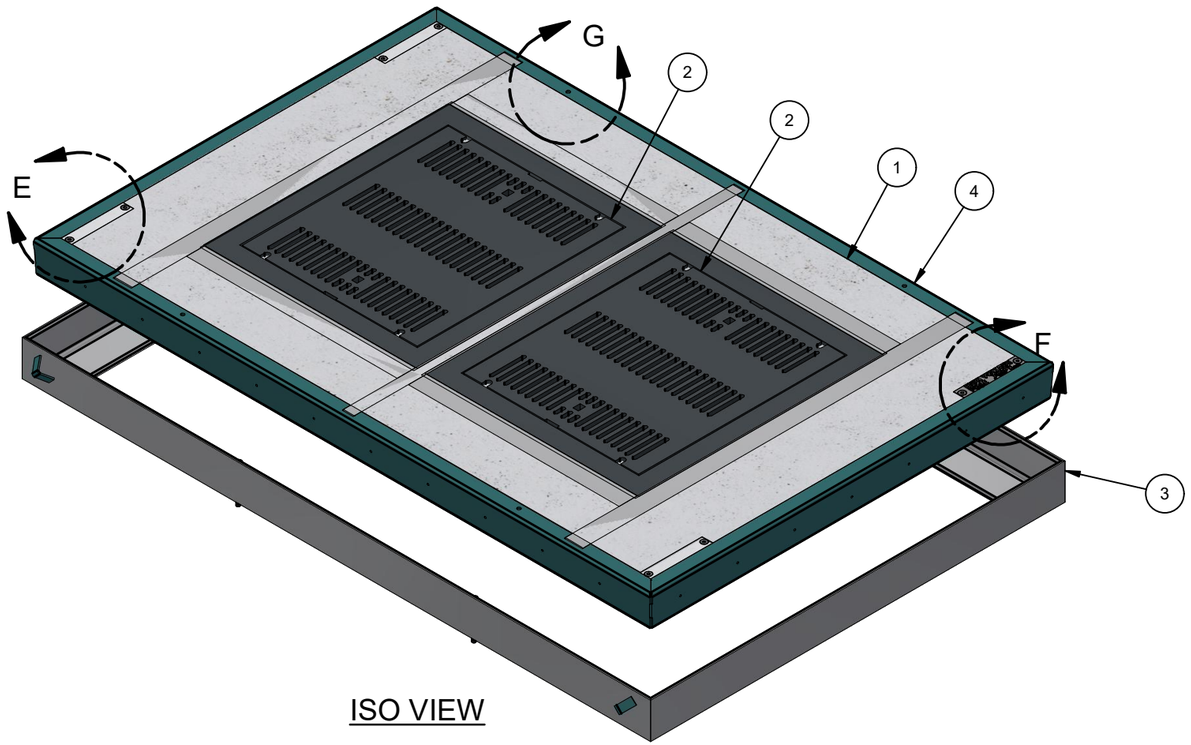
- THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN PRECAST FACILITY
- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - BROOMED
- INTERNAL LINER/COATING - NONE
- EXTERNAL LINER/COATING - NONE

BILL OF MATERIALS

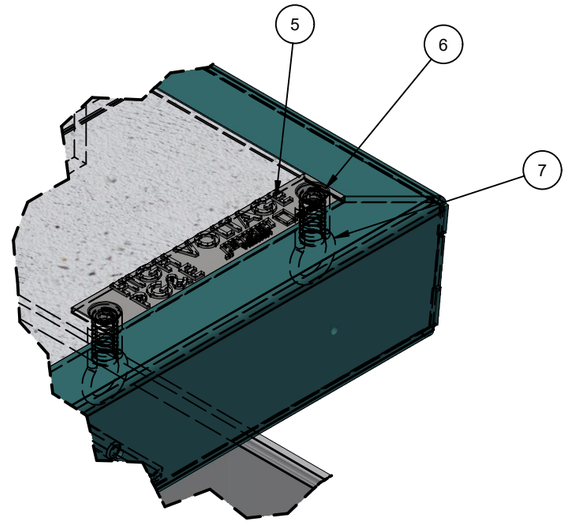
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	15.136 ft^3	15.136 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	2	100005857	CI RING & GRATE 24X29 I-3460 ASTM A48 CL35B PG&E TRANSFORMER
3	1	1	100004498	PLFAS-4878-HDO-G-PG&E-OH05
4	1	1	100004497	PLFAS-4878-HDI-R-SAC-PG&E-OH09
5	1	1	100005058	NAME PLATE CAST ALUM PG&E - HIGH VOLTAGE
6	1	8	100007131	BOLT SOCKET FLAT COUNTERSUNK HEAD - 1/2-13 UNC - 1.00 - 304SS
7	1	8	100002765	Insert Ferrule Loop 0.5 x 2.75" Zinc (F42 or Equiv.)
8	1	3	100007562	NAME PLATE PLEXI PG&E
9	1	2	100008610	GDAS1-1923-D-S-G-PG&E
10	1	4	100003350	INS THRD FRL THNSLB STRUT FX-16 7/8IN ZINC



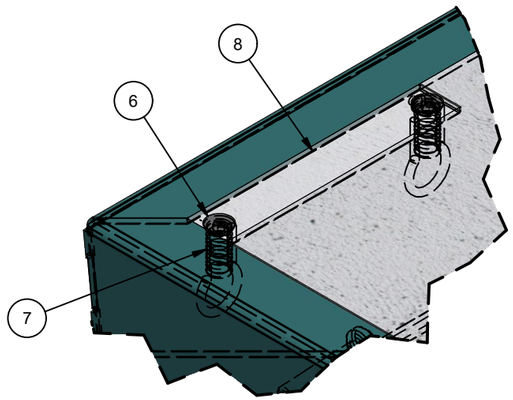
DETAIL G



ISO VIEW

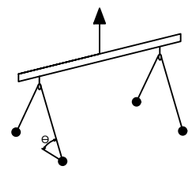


DETAIL F



DETAIL E

RIGGING DIAGRAM*	C



LIFTING NOTES

■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 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.

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	2.0'	APPROX. WEIGHT:	4380.18 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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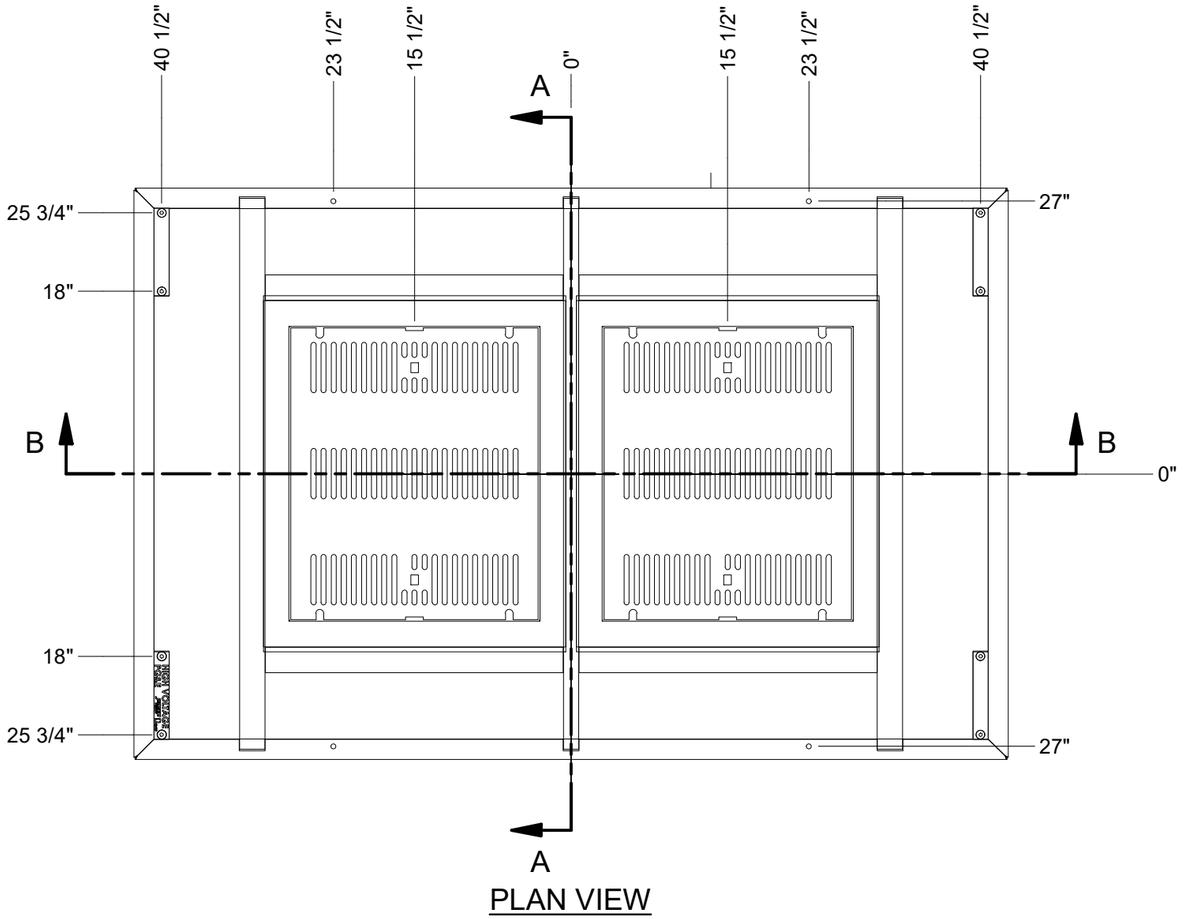
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CHANGE HISTORY

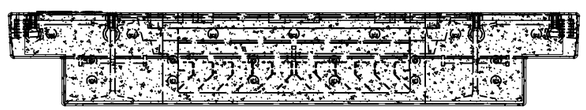
NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	5/13/2024	APS
2	UPDATED CONCRETE TEXTURE	3/9/2026	KMM
3			

DESCRIPTION:	Vault 4878x9 Slab Top Cast-In Cover PG&E HVT TRANS 04-1541 CASTING LAYOUT		REV: A-2
PART NUMBER:	100012953	DRAWN BY:	A.Sprung
CREATED:	5/23/2024	MODIFIED:	3/10/2026
			SHEET: 1 OF 2

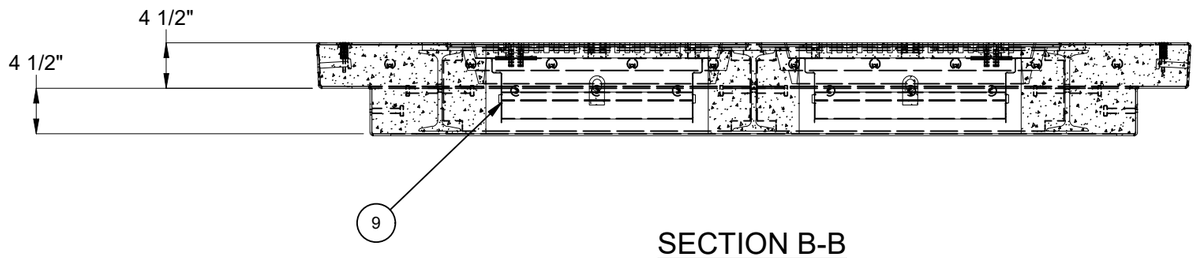
100012953.idw



PLAN VIEW



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	2.0'	APPROX. WEIGHT:	4380.18 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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This product shall only be produced in a Jensen Infrastructure facility.

DESCRIPTION:	Vault 4878x9 Slab Top Cast-In Cover PG&E HVT TRANS 04-1541 CASTING DRAWING		REV: A-2
PART NUMBER:	100012953	DRAWN BY:	A.Sprung
CREATED:	5/23/2024	MODIFIED:	3/10/2026
			SHEET: 2 OF 2

100012953.idw