DESIGN NOTES:

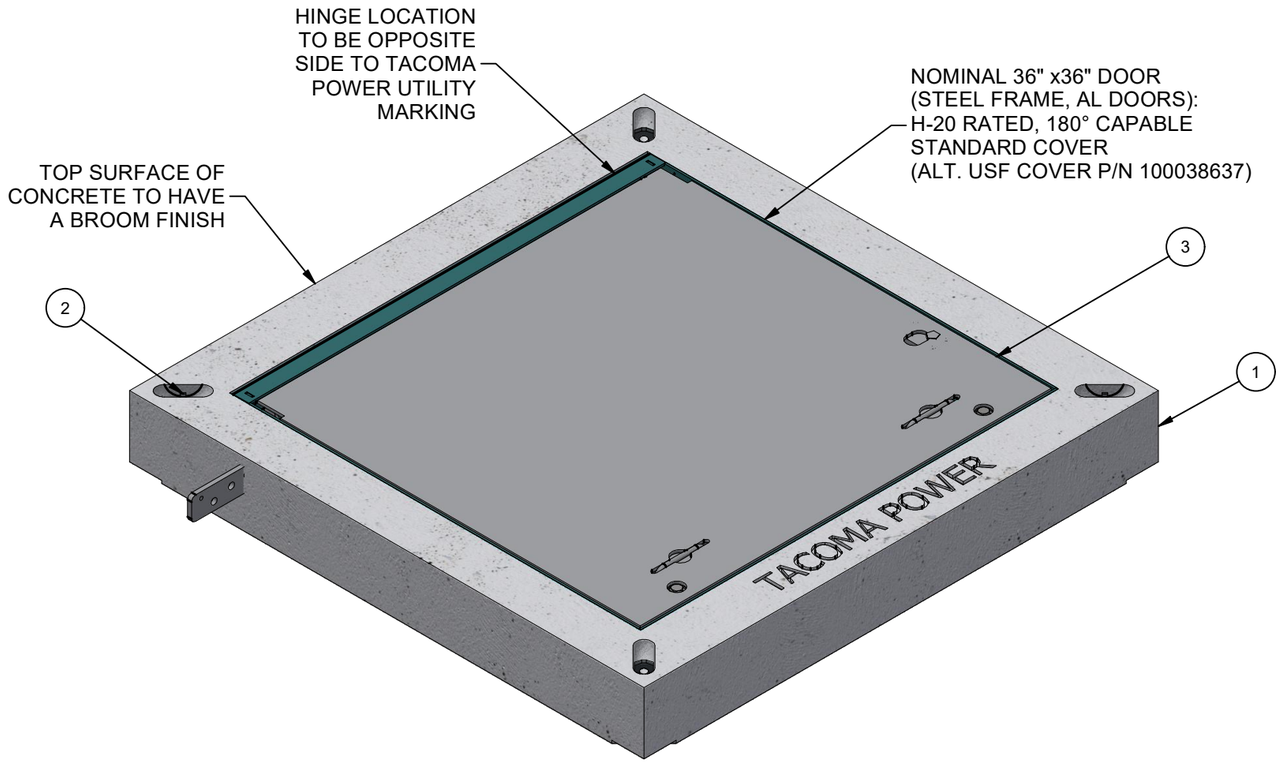
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

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

BILL OF MATERIALS

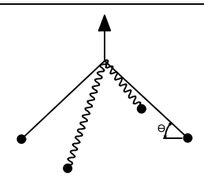
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3.777 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	4	100042227	ANCHOR RAPID LIFT TECH 2.5T CLUTCH 2.4375IN LONG MB RL-25 GALV
3	1	200079294	CAB1-3333-CH4-DP-G-SL-OH07-PNW-332
4	1	300154182	REINFORCING MAT 300154182



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:	Below Structure	APPROX. WEIGHT:	746.72 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-8 (AASHTO H10-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

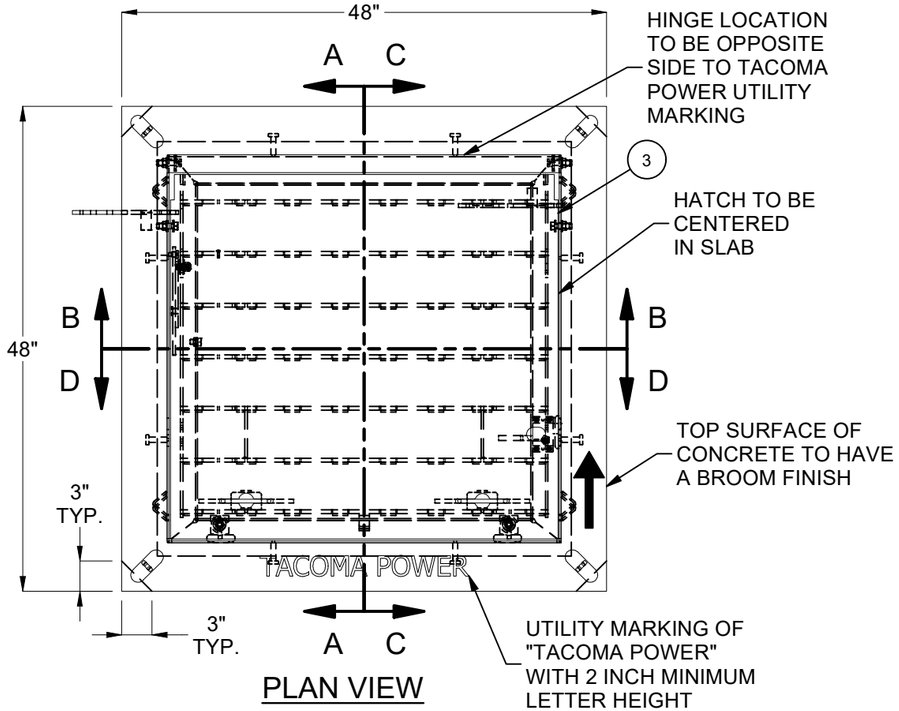
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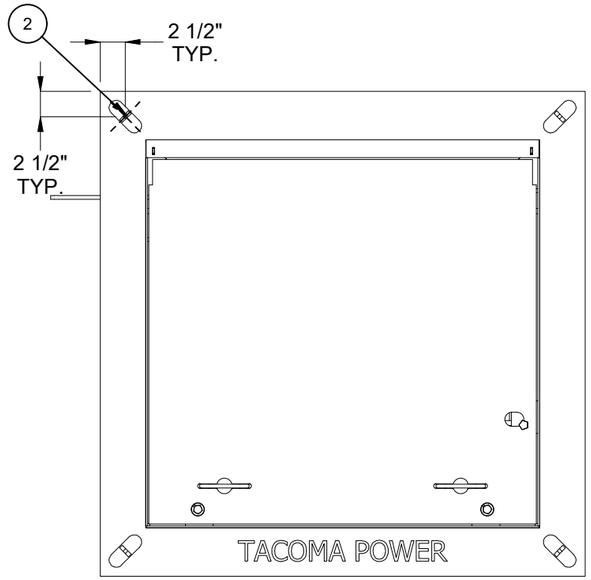
CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
4	LIFTING UPDATED	12/1/2023	E.FIne
5	2608-61445 KEYWAY CHANGE	9-9-26	MLR
6	UPDATED BONDING BAR BOM LEVEL	10/23/2026	SB

DESCRIPTION:	Vault 4242x7 Slab Top 33"x33"C Cast-In Cover Tacoma Power 19447 STD CASTING LAYOUT		REV: F-1
PART NUMBER:	200080236	DRAWN BY:	MLR
CREATED:	9/20/2023	MODIFIED:	10/23/2026
			SHEET: 1 OF 3

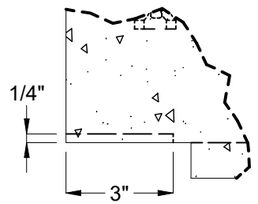
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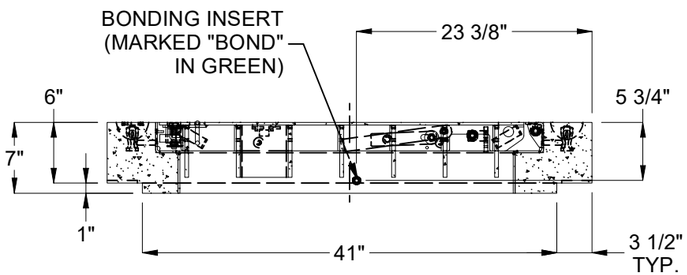
PLAN VIEW



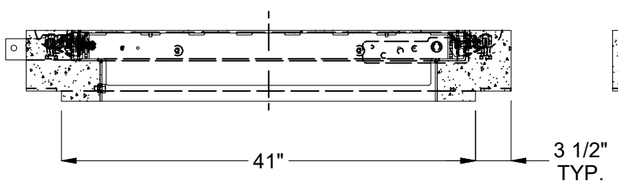
PLAN VIEW
(SHOWING LIFTING)



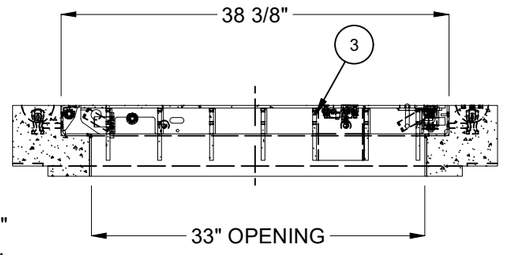
DETAIL LIFTING NOTCH



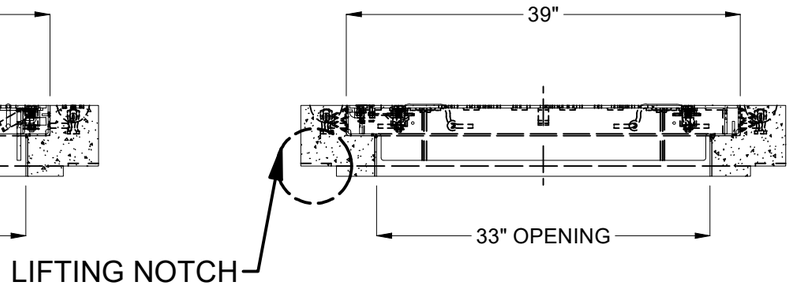
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	746.72 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-8 (AASHTO H10-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

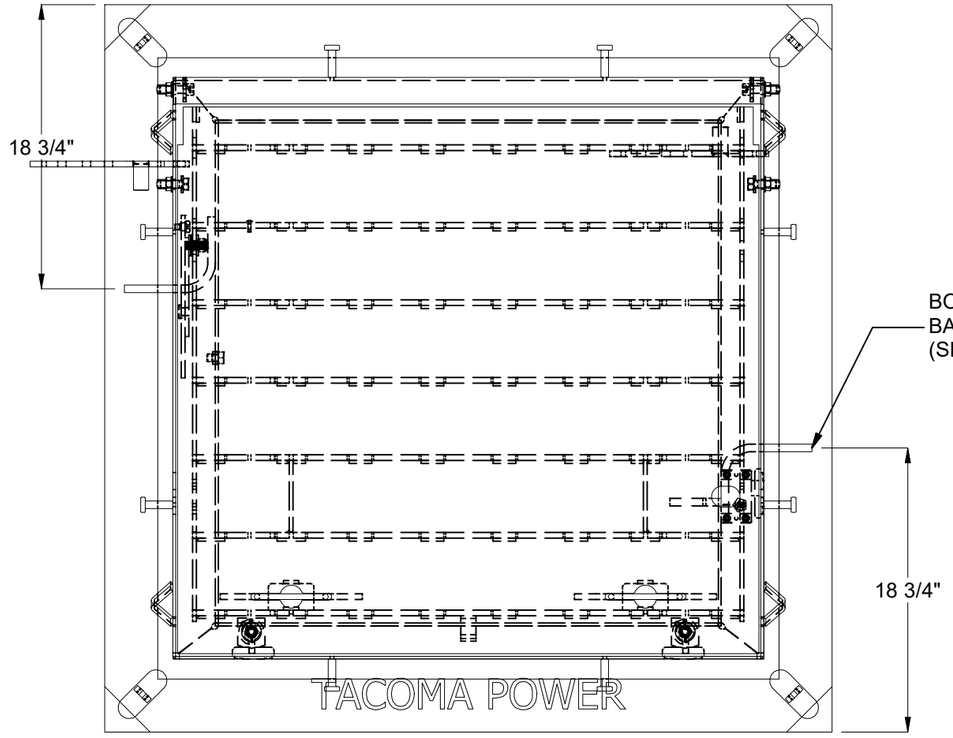
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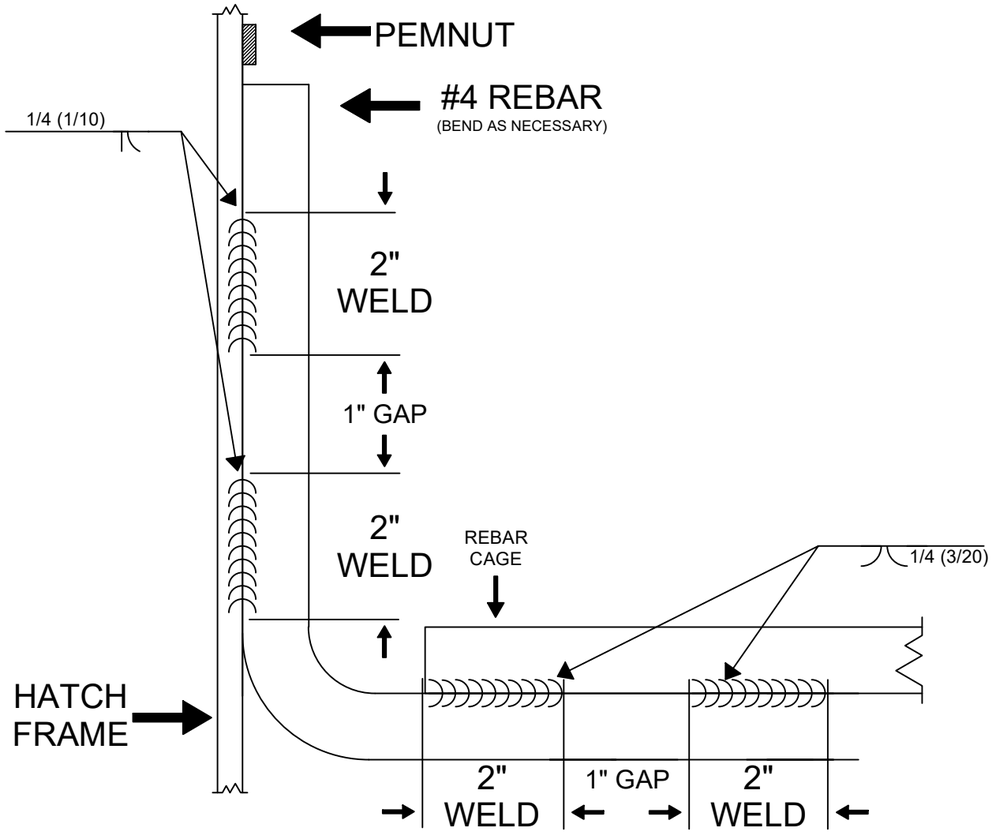
DESCRIPTION:	Vault 4242x7 Slab Top 33"x33"C Cast-In Cover Tacoma Power 19447 STD CASTING DRAWING		REV: F-1
PART NUMBER:	200080236	DRAWN BY:	MLR
CREATED:	9/20/2023	MODIFIED:	10/23/2026

SHEET: 2 OF 3

200080236.idw



PLAN VIEW
(SHOWING BONDING BAR(S)
AND HATCH FOR CLARITY)



BONDING DETAIL

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	746.72 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-8 (AASHTO H10-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

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DESCRIPTION:	Vault 4242x7 Slab Top 33"x33"C Cast-In Cover Tacoma Power 19447 STD CASTING DRAWING		REV: F-1
PART NUMBER:	200080236	DRAWN BY:	MLR
CREATED:	9/20/2023	MODIFIED:	10/23/2026
			SHEET: 3 OF 3

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