NOTES:

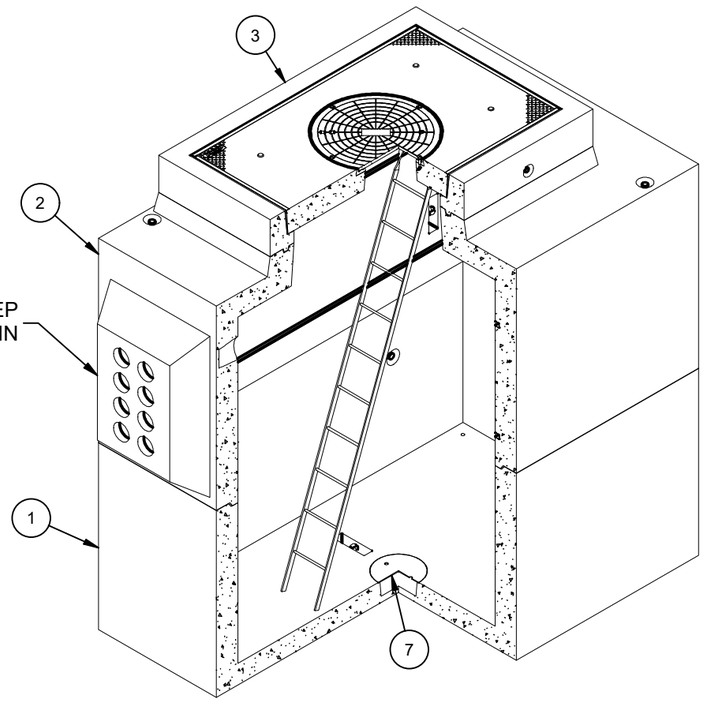
- DESIGNED IN ACCORDANCE WITH AASHTO HS20-44 TRAFFIC BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #34902.
- "GRD" STENCILED IN RED LETTERS (1 1/2" MIN. - 2" MAX.)
- INSTALLATION. VAULT TO BE PLACED ON A MIN. 6" BASE OF CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION. BASE MATERIAL IN ACCORDANCE WITH SECTION 200-2 OF THE SSPWC (GREEN BOOK).
- INSTALLATION LIMITS. VAULT SHALL HAVE A MINIMUM COVER 1'-6" AND A MAXIMUM COVER OF 4'-0".
- NO SHARP OR ROUGH EDGES ON THE TERMINATORS ENTERING THE VAULT.
- MINIMUM EXCAVATION SIZE: 8'-6" X 14'-6" X DEPTH REQ'D.
- ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	MASS (lb)
1	1	1	200073607	Vault 72120x52 Rect. Bottom Section Sump Pasadena V-223.2	22499
2	1	1	200073611	Vault 72120x60 Rect. Top Section 48"x78"E Terminators Ducted City of Pasadena V-223.2	23376
3	1	1	200068733	Vault Neck and Plug Cover Assembly 4878x12 30"C Pasadena V-208 R-1581	5098
4	1	4	100009239	ROD THREADED COIL YELLOW DIP 3/4 X 10-1/2"	
5	1	8	100007136	WASHER FLAT 3/4 REGULAR TYPE A ZINC	
6	1	8	100007010	HEX COIL NUT 3/4-4.5 POST YELLOW DIP	
7	1	1	100006783	SUMP COVER FOR 13"SUMP(15"OD)GALV DIA PLATE	
8	1	1	100007585	LADDER HANGER ASSEMBLY GALV	
9	1	1	100002557	LADDER HOOKED GALV 11FT PB/GT I3600	
10	25.000 gal	25.000 gal	100007277	PAINT W/DEHYDRATINE 75	
11	1.000 ul	1.000 ul	100005749	SEALANT JOINT BUTYL RUBBER ASTM C-990 AND M198 CS-102 1IN EQUIV X14.5FT PER BOX 118FT	

200073608.idw

COAT EXTERIOR WITH DEHYDRATINE



ISO VIEW

LIFTING NOTES

- FIELD INSTALLATION: PLANT DEMOLDING: MINIMUM HANDLING CONCRETE STRENGTH F'c = 5500 PSI RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 4 LIFTING POINTS WITH A SLING ANGLE BETWEEN 60° AND 90°

BURY DEPTH:	1.5' - 4.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	51038.49 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	City of Pasadena	AGENCY SPEC:	V-223.2

JENSEN PRECAST EST. 1968

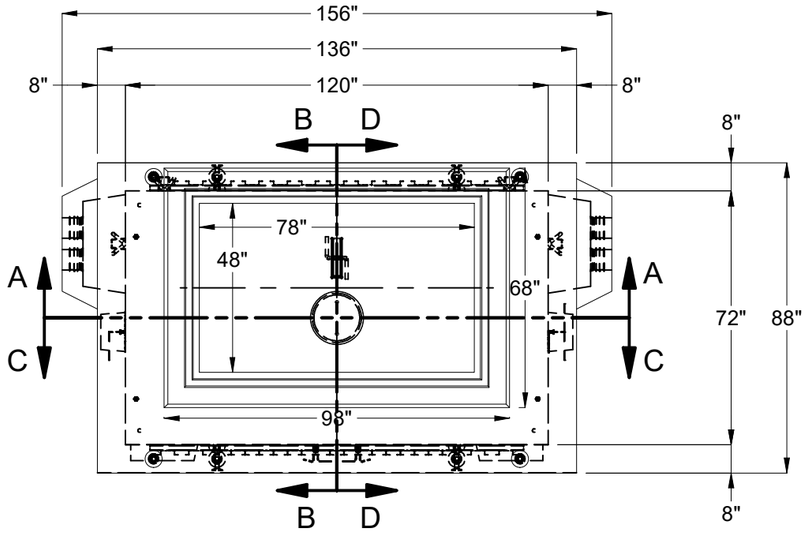
WWW.JENSENPRECAST.COM

©2023 Jensen Precast- All rights reserved.
All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Precast, any use of Jensen Precast work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action.

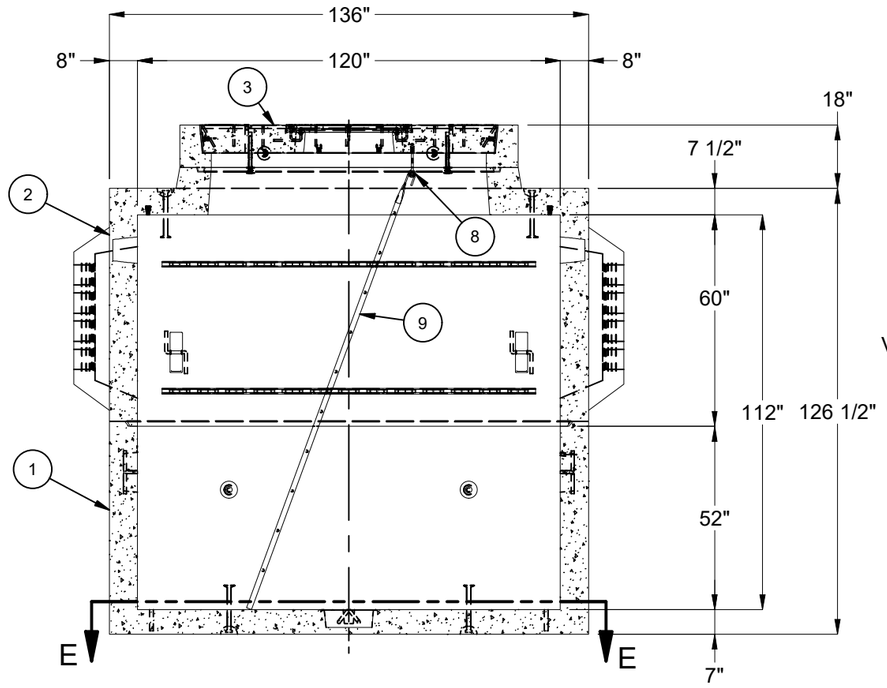
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
B-1	ADDED VAULT NECK	6/20/2023	

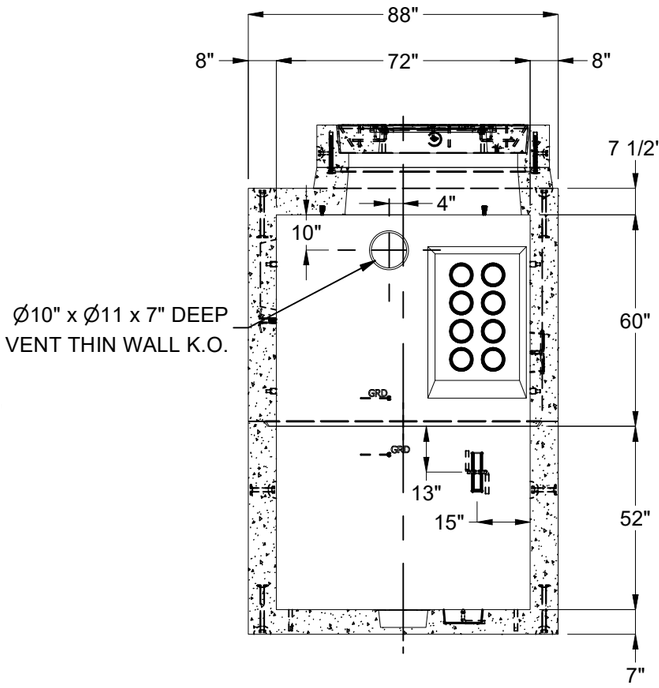
DESCRIPTION:	Vault 72120 Layout Assembly 48"x78"E City of Pasadena V-223.2 LAYOUT REVIEW		REV: B-1
PART NUMBER:	200073608	DRAWN BY:	J. Prado
CREATED:	6/26/2019	MODIFIED:	6/20/2023
			SHEET: 1 OF 2



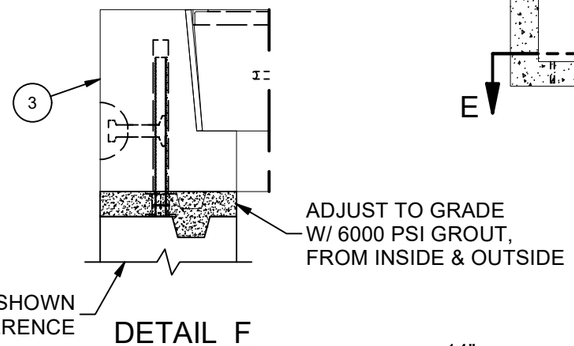
PLAN VIEW



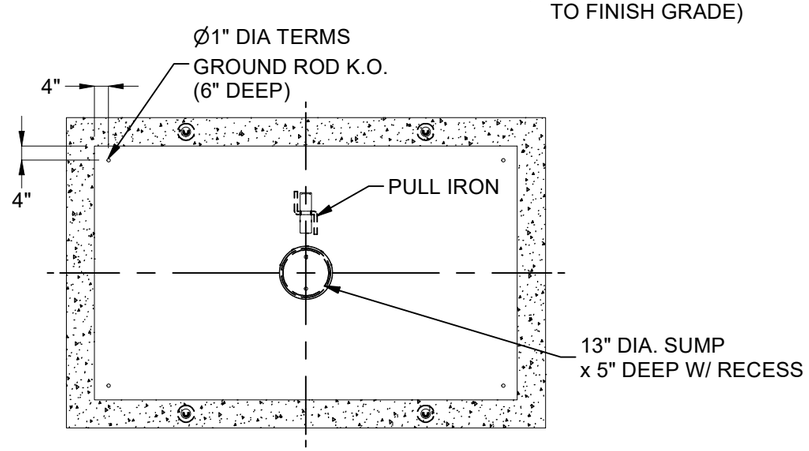
SECTION A-A



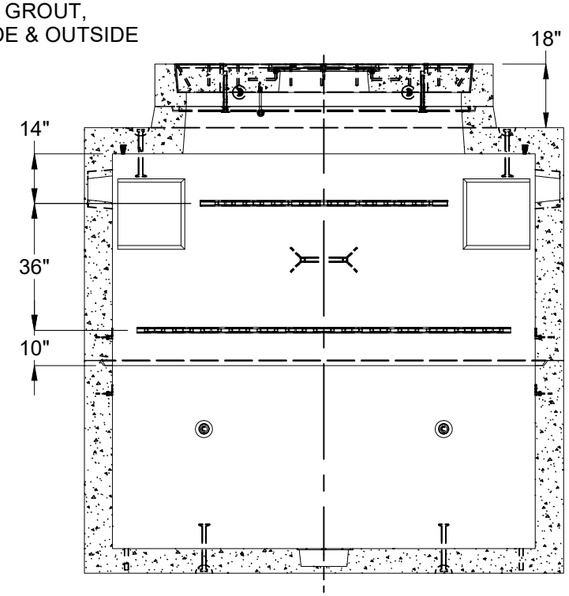
SECTION B-B



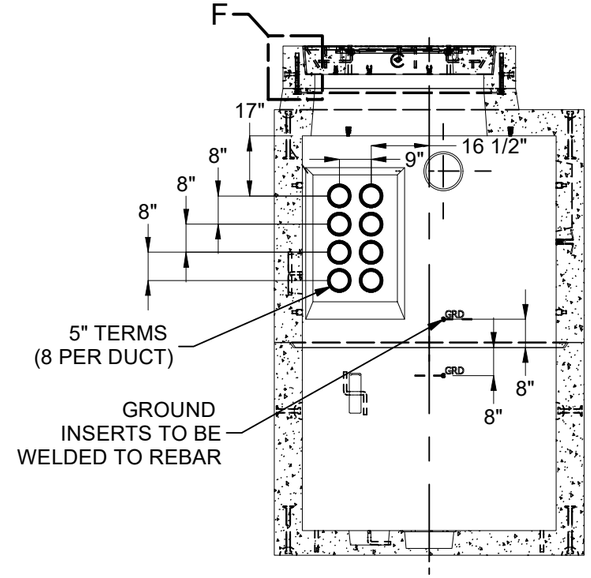
DETAIL F
(IF NEEDED TO ADJUST
TO FINISH GRADE)



SECTION E-E
BOTTOM SECTION



SECTION C-C



SECTION D-D

BURY DEPTH:	1.5' - 4.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	51038.49 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	City of Pasadena	AGENCY SPEC:	V-223.2

JENSEN PRECAST EST. 1968

WWW.JENSENPRECAST.COM

©2023 Jensen Precast- All rights reserved.
All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Precast, any use of Jensen Precast work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action.

DESCRIPTION:	Vault 72120 Layout Assembly 48"x78"E City of Pasadena V-223.2 LAYOUT DRAWING		REV: B-1
PART NUMBER:	200073608	DRAWN BY:	J. Prado
CREATED:	6/26/2019	MODIFIED:	6/20/2023
			SHEET: 2 OF 2

200073608.idw