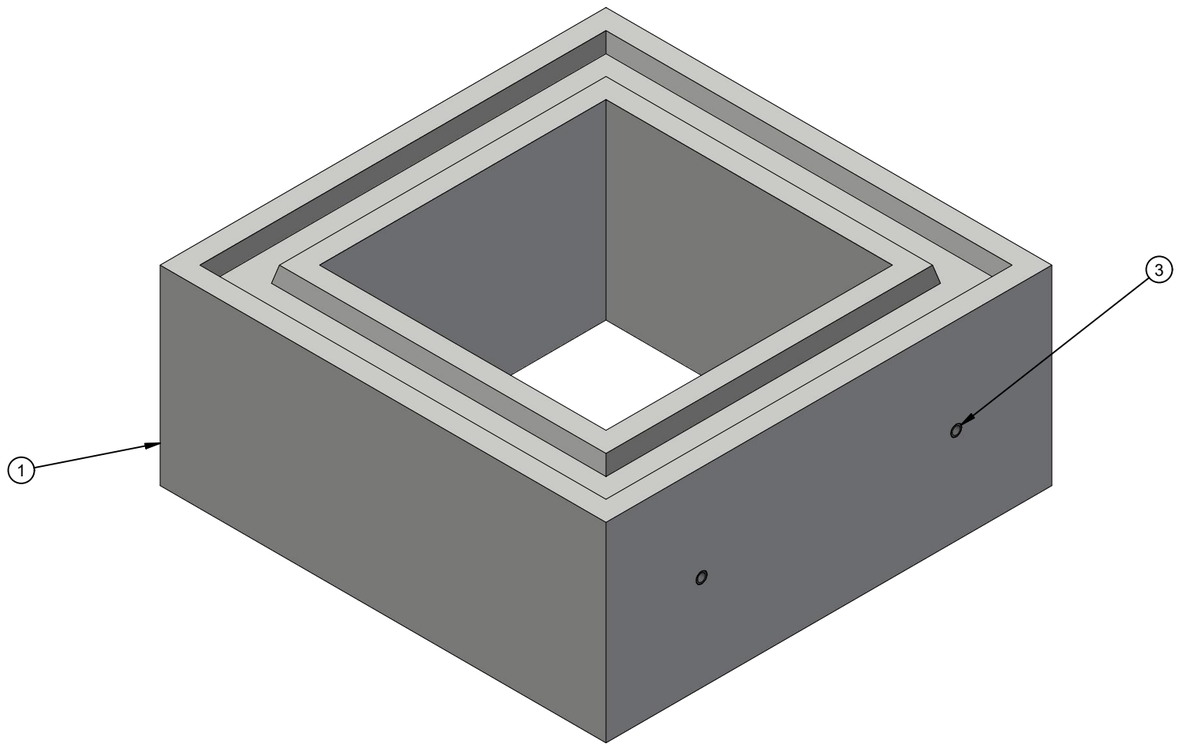
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	3.158 ft^3	100011425	CONCRETE MIX 5000 PSI
2	1	100020353	REINFORCING MAT 100020353
3	4	100002765	Insert Ferrule Loop 0.5 x 2.75" Zinc (F42 or Equiv.)

*REBAR REINFORCING CAN BE SWAPPED OUT FOR DEFORMED WIRE CAGE PART NUMBER 200035852

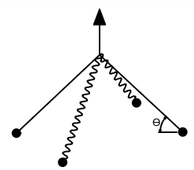
100001019.idw



ISO LAYOUT

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 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' - 12.5' to Top		
WATER LEVEL:	5.0'	WEIGHT:	475.35 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

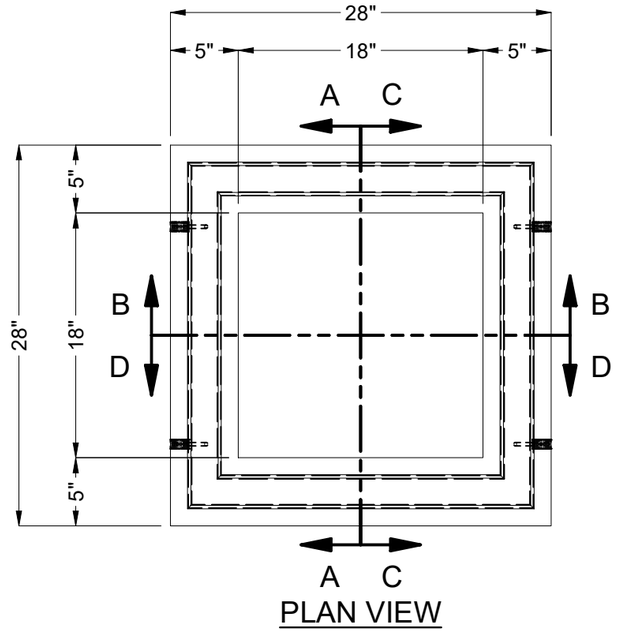
JENSEN PRECAST EST. 1968

WWW.JENSENPRECAST.COM

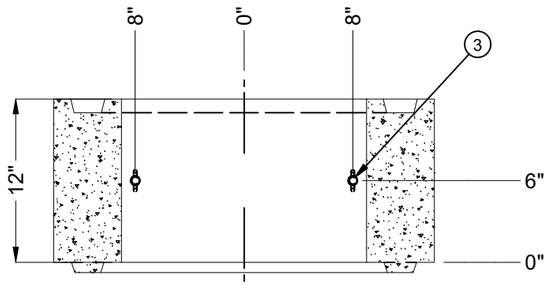
©2024 Jensen Precast- All rights reserved.
All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Precast, any use of Jensen Precast work product without 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.

CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	8/22/2024	APS

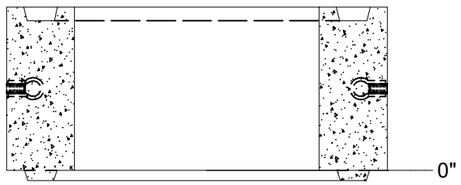
DESCRIPTION: Riser 1818x12 CASTING LAYOUT				REV: A-1
PART NUMBER:	100001019	DRAWN BY:	A.Sprung	SHEET: 1 OF 2
CREATED:	8/22/2024	MODIFIED:	8/23/2024	



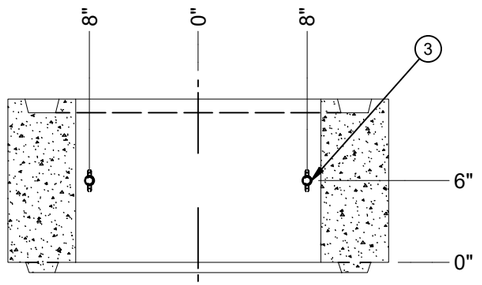
PLAN VIEW



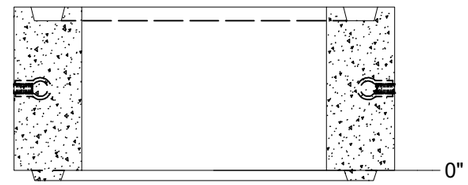
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 12.5' to Top		
WATER LEVEL:	5.0'	WEIGHT:	475.35 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

JENSEN PRECAST EST. 1968

WWW.JENSENPRECAST.COM

©2024 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:	Riser 1818x12 CASTING DRAWING		REV: A-1
PART NUMBER:	100001019	DRAWN BY:	A.Sprung
CREATED:	8/22/2024	MODIFIED:	8/23/2024
			SHEET: 2 OF 2

100001019.idw