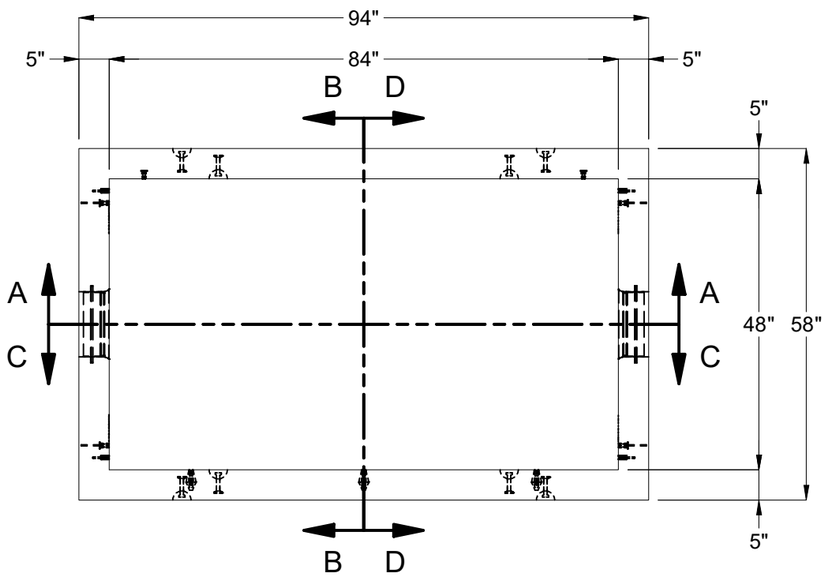
DESIGN NOTES
■ DESIGNED PER CALCS. #33540.
■ ALL PARTS TO BE STENCILED: MFG DATE / PRODUCT ID / WEIGHT.
■ "GRD" STENCILED IN RED LETTERS (1 1/2" MIN. - 2" MAX.)

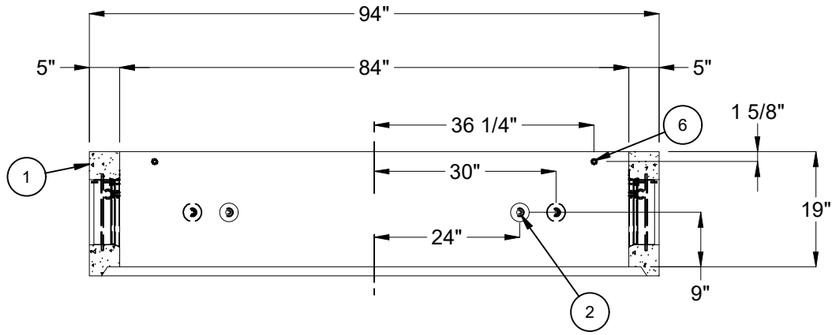
BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	15.682 ft^3	15.682 ft^3	100006029	CONCRETE 5500 PSI SCC ED
2	1	8	100002867	ANCHOR DOGBONE P52 2T X 3-3/8" GALV
3	1	2	100008215	TERMINATOR DUCT WITH SEAL 10IN
4	1	4	100005932	INSERT GROUND BRONZE BOTTLE ROCKET 1/2-13 UNC WITH 11IN COPPER ROD 12H69
5	1	4	100002765	Insert Ferrule Loop 0.5 x 2.75" Zinc (F42 or Equiv.)
6	1	2	100002784	INSERT THREADED METAL 3/8-16 UNC 1-3/8 IN OPEN
7	1	3	100012720	INSERT PLASTIC W/ BREAK OFF SNAP 0.5IN
8	1	1	100018135	REINFORCING MAT 100018135

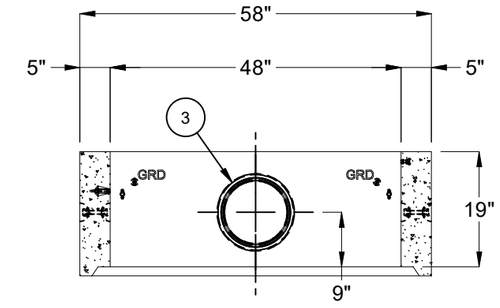
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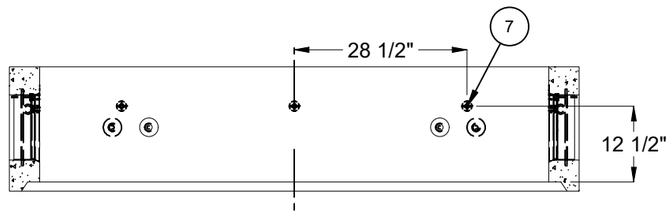
PLAN VIEW



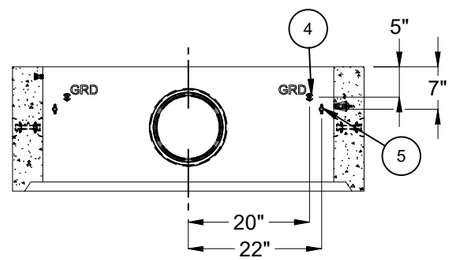
SECTION A-A



SECTION B-B

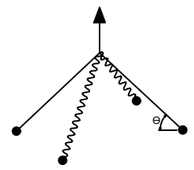
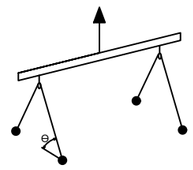


SECTION C-C



SECTION D-D

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.
■ DEMOLDING: 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.

RIGGING DIAGRAMS*			
INSTALLATION	B	DEMOLDING	C
			

BURY DEPTH:	0.4' - 0.4' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	2377.75 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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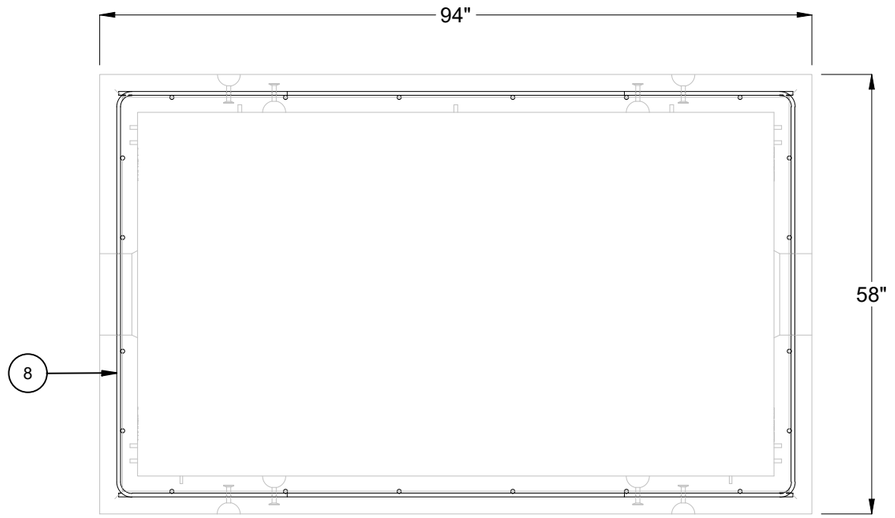
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
B-2-1	REVISED DESCRIPTION, REMOVED TAG & UPDATED DRAWING	2/11/2026	

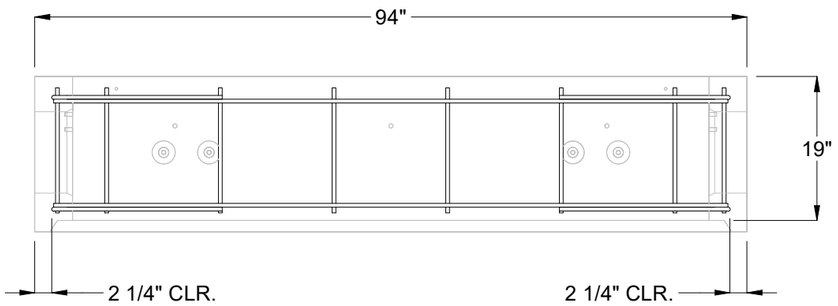
DESCRIPTION:	Riser 4884x19 Edison SS 537, SB-6 CASTING LAYOUT		REV: B-2-1
PART NUMBER:	100012429	DRAWN BY:	J. Prado
CREATED:	2/27/2018	MODIFIED:	2/11/2026
			SHEET: 1 OF 2

REINFORCING REVIEW NOTES
■ THE MINIMUM COVER OVER REINFORCING STEEL SHALL BE AS FOLLOWS:
(A) 1 1/2" FOR INSIDE & OUTSIDE FACE OF WALLS.
(B) 1 1/2" FOR INSIDE & OUTSIDE FACE OF ROOF SLABS.
(C) 3/4" FOR SHEAR KEYS.
(D) UNLESS OTHERWISE SHOWN.
TOLERANCES:
1. DIMENSIONS AFFECTING COVERAGE ...± 1/4"-0"
2. DIMENSIONS IN PLANE OF CAGE AND NOT AFFECTING ABOVE ...± 1".

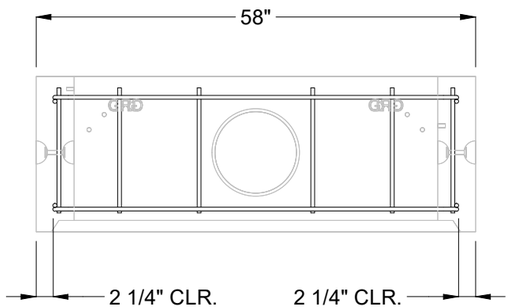
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PLAN VIEW



SIDE ELEVATION



END ELEVATION

BURY DEPTH:	0.4' - 0.4' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	2377.75 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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

DESCRIPTION:	Riser 4884x19 Edison SS 537, SB-6 REINFORCEMENT REVIEW		
PART NUMBER:	100012429	DRAWN BY:	J. Prado
CREATED:	2/27/2018	MODIFIED:	2/11/2026

REV:	B-2-1
SHEET:	2 OF 2