

**NOTES:**

Ultimate compression capacity with a minimum of 8" cover 74,000 lb  
 $f'_c = 3,000$  psi  
 Ultimate tension capacity with a minimum of 6" cover 44,000 lb

CANTSINK MANUFACTURING, INC.

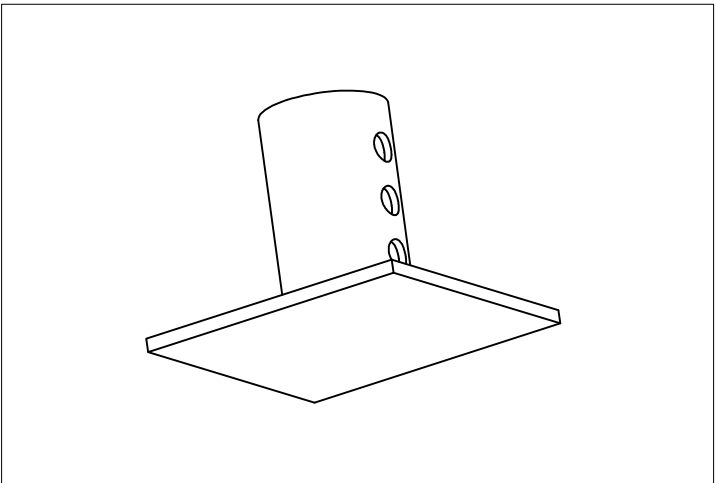
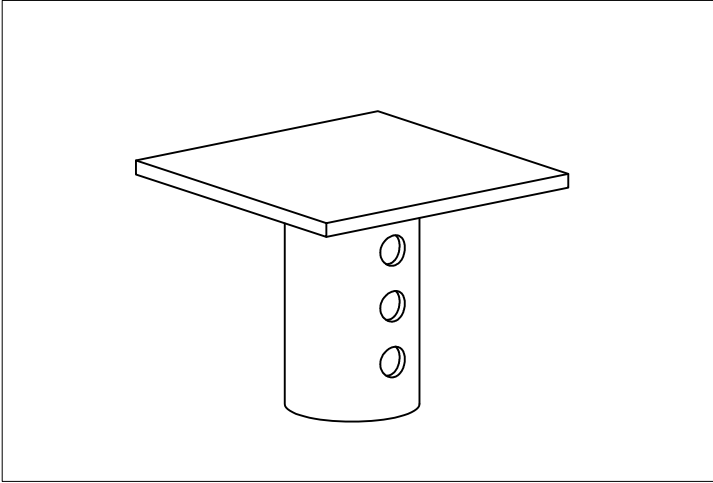
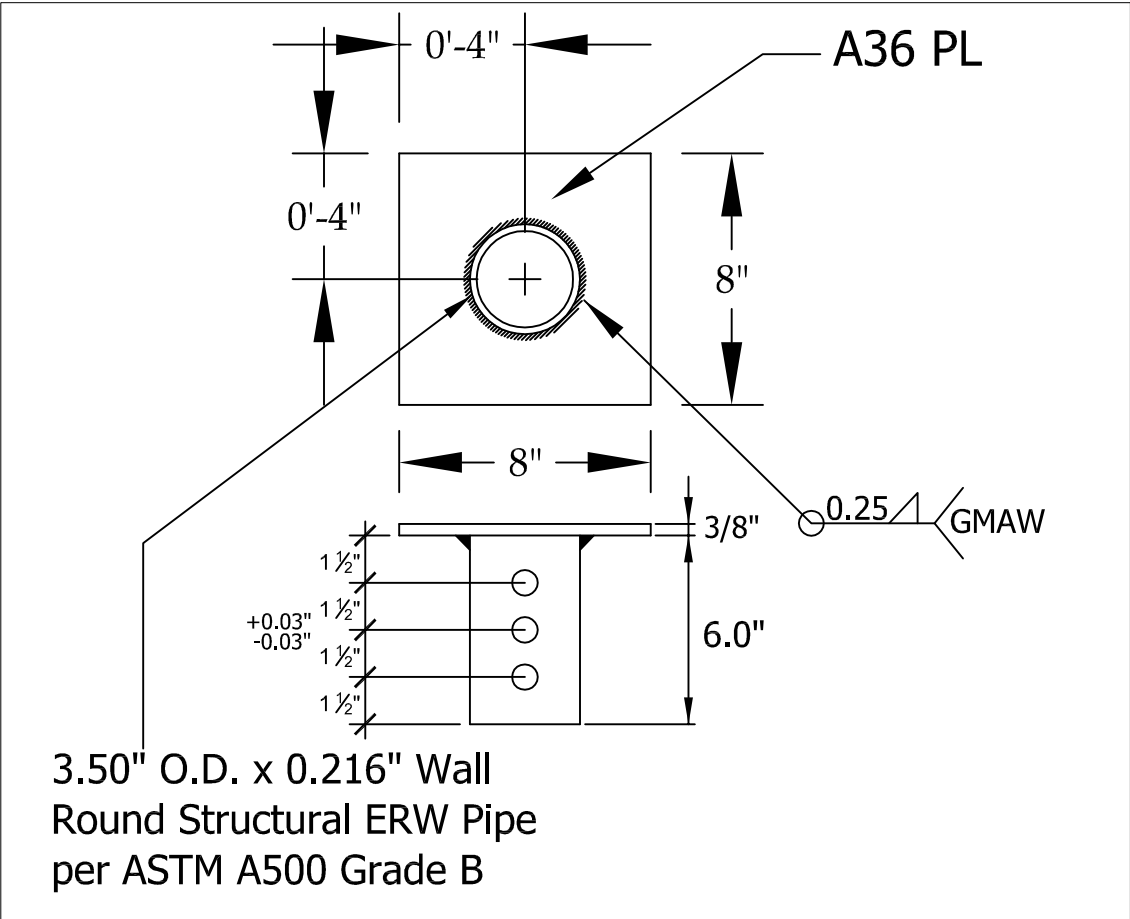


71 First Avenue, N.W.  
 Lilburn, Georgia 30047  
 678-280-PILE(7453)  
 FAX:678-280-3476

Title: CANTSINK NEW CONSTRUCTION PILE CAP


Catalog No. 2.5-Cap-C

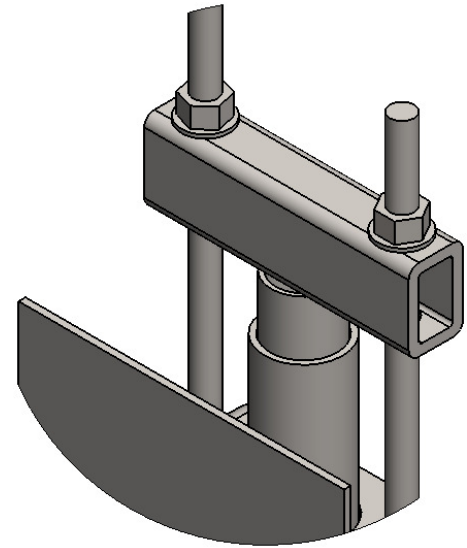
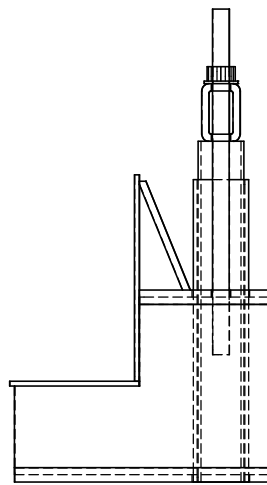
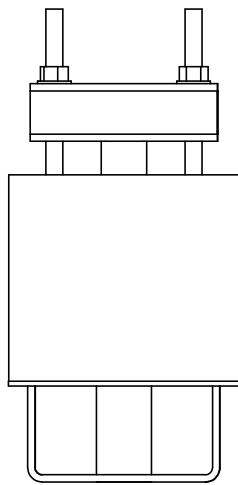
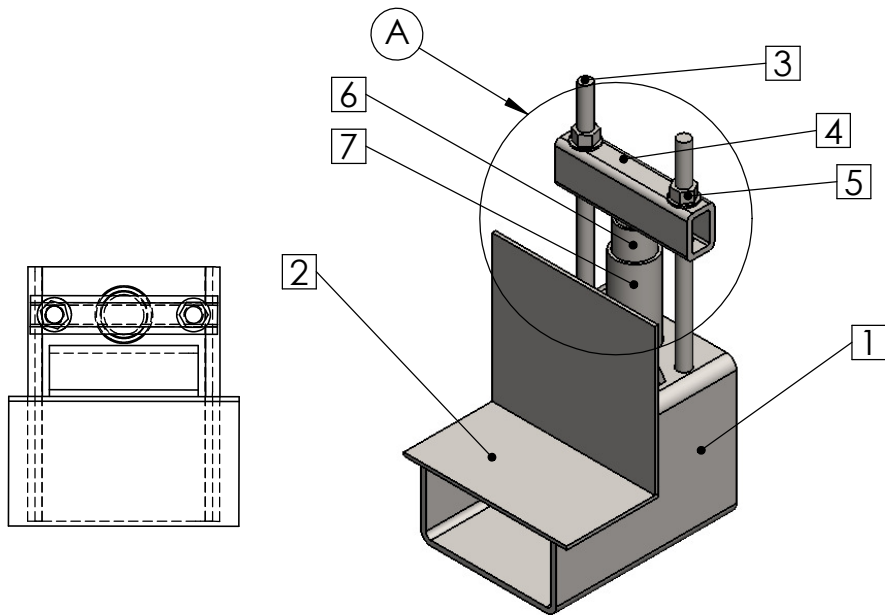
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Title: CANTSINK NEW CONSTRUCTION PILE CAP			
		Catalog No. 2.5-Cap-TC	
Scale: N.T.S.	Drawn by: LXSS	Sheet: 1/1	Revision: 073015A



<b>DETAIL A</b>	
<b>PRODUCT NAME</b>	<b>BLACK JACKING BRACKET ASSEMBLY</b>
<b>COMMENTS</b>	CONSISTS OF ITEMS 3, 4, 5
<b>WEIGHT</b>	11 LB.

<b>PRODUCT NAME</b>	<b>GALV UNDERPINNING BRACKET ASSEMBLY</b>
CANTSINK CODE	UPB-D
WEIGHT	83 LB.
COMMENTS	ICC APPROVED TO 36000 LB.

1. HSS 10"X10"X3/8" A500B WITH A MIN YIELD OF 46 KSI AND 58 KSI TENSILE STRENGTH

2. 1/4" SHELL AND BRACE OF A36 STEEL WITH A YIELD OF 36 KSI

3. TWO 7/8" GRADE A THREADED RODS WITH A TENSILE STRENGTH OF 27.7 KSI

4. CROSS TEE OF HSS 3"X2"X1/4" A500B WITH A MIN YIELD OF 50 KSI AND 58 KSI TENSILE STRENGTH

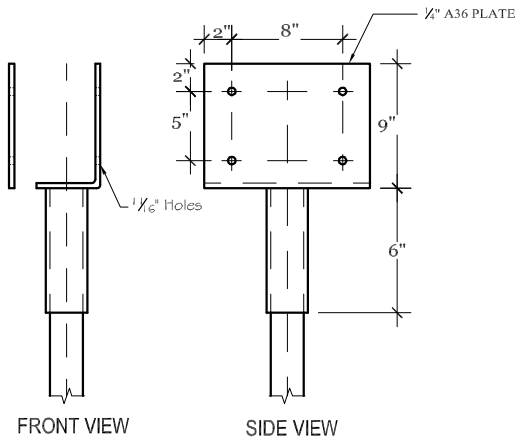
5. A563 GRADE A 7/8" NUTS AND F844 WASHERS

6. 2.0" SCH40 PIPE WITH A MIN YIELD OF 42 KSI, TENSILESTRENGTH OF 58 KSI WELDED TO THE CENTER OF THE 3"X2"X1/4" CROSS TEE.

7. 2.5" SCH40 HELICAL PILE WITH A MIN YIELD OF 50 KSI

**NOTES:**

1. SHAFT: ROUND STRUCTURAL ERW TUBING PER ASTM A500 GR B, 2.50" SCH40. MINIMUM YIELD 50 KSI, MINIMUM TENSILE STRENGTH 65 KSI AND MINIMUM ELONGATION 23 PERCENT.
2. TORQUE STRENGTH RATING = 6,000 FT-LB
3. LOAD TO TORQUE RATIO (KT) = 9
4. USE THREE 3/4" A307 GR A BOLTS TO ATTACH TO AN EXTENSION.
5. AVAILABLE NOMINAL LENGTHS ARE 5', 7' AND 10.5'



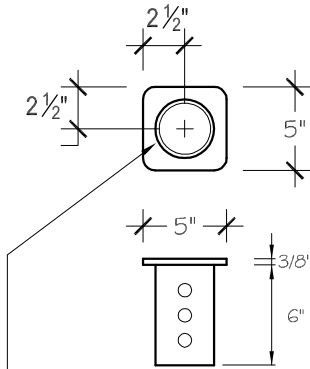
FRONT VIEW

SIDE VIEW

**NOTES:**

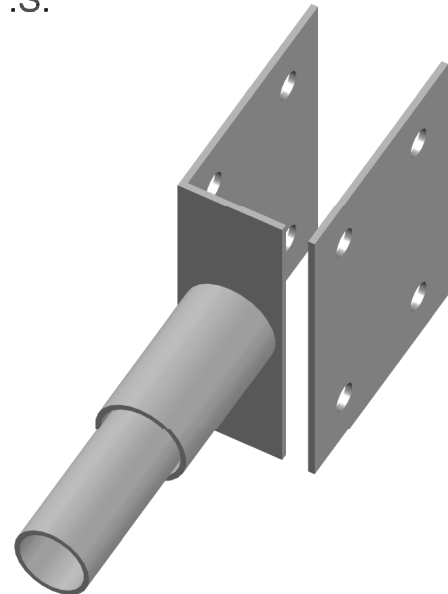
Shaft: Round Structural ERW tubing per ASTM A500 3.0" O.D.  
Hot Dip Galvanized to ASTM A123

**E HELICAL TIMBER BRACKET**  
N.T.S.



3.50" O.D. x 0.216" Wall  
Round Structural ERW Tubing  
per ASTM A500 Grade B

**F NCB-TC**  
N.T.S.



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Title: CANTSINK HELICAL PILE LEAD

Catalog No. 2.5-TB

Revision: RV-12-06/06/2017

Scale: N.T.S.

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