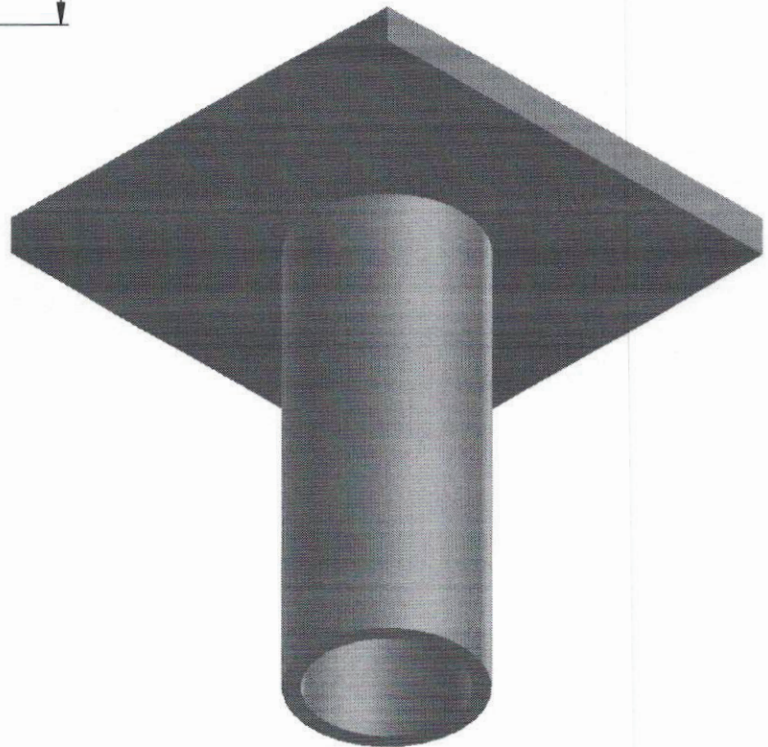
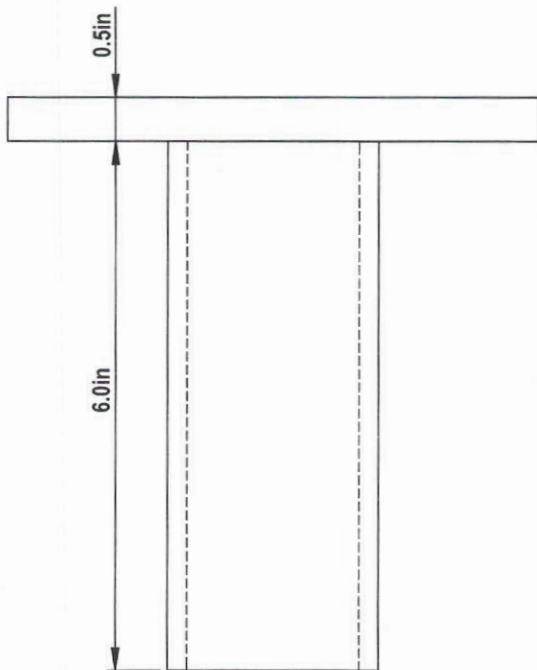
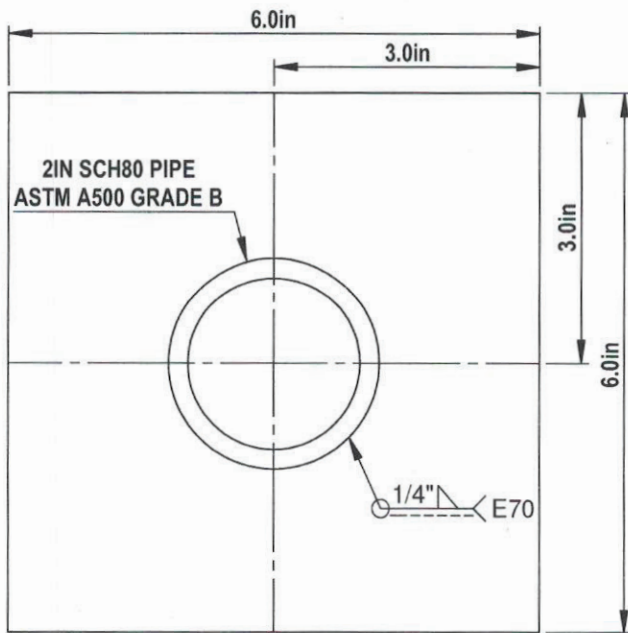


NOTES:

1. $\frac{1}{2}$ " PLATE
2. PLATES ARE A572 GR50
3. $F_c = 3000$ PSI



CANTSINK MANUFACTURING, INC.



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

Title: CANTSINK HELICAL PILE CAP

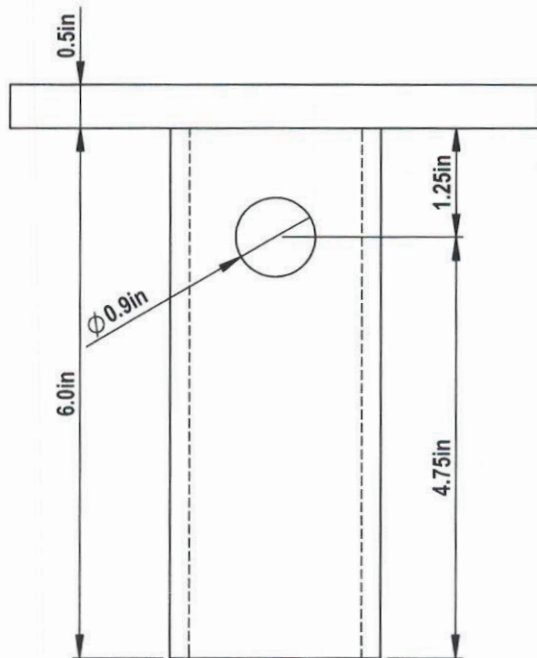
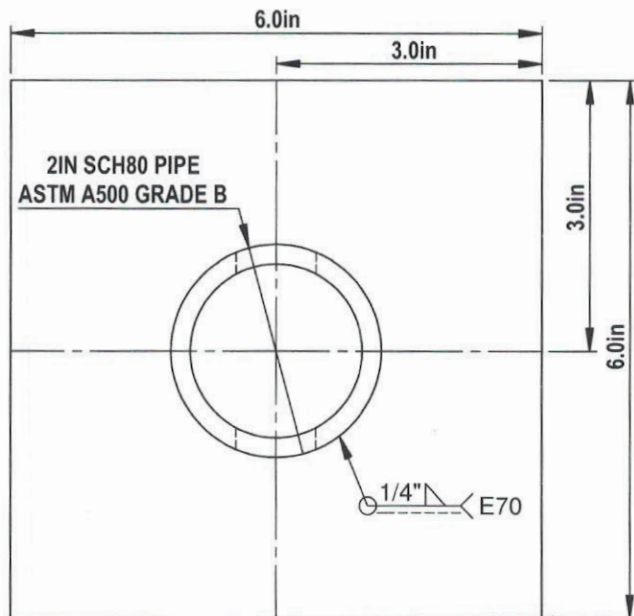
Catalog No. NCB-C 1.5RCS

Revision: RV-12-12/26/2017

Scale: N.T.S.

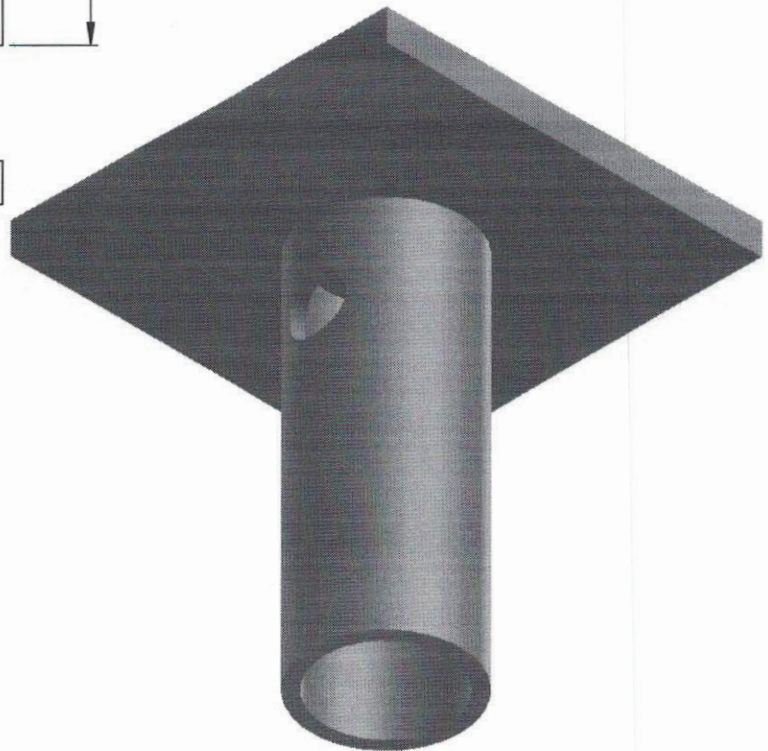
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Sheet: 1/1



NOTES:

1. $\frac{1}{2}$ " PLATE
2. PLATES ARE A572 GR50
3. ALLOWABLE COMPRESSION CAPACITY WITH A MINIMUM OF 9" COVER 30 KIP
4. $F'_c = 3000$ PSI
5. ALLOWABLE TENSION CAPACITY WITH A MINIMUM OF 9" COVER 30 KIP



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Catalog No. NCB-TC 1.5RCS

Revision: RV-12-12/26/2017

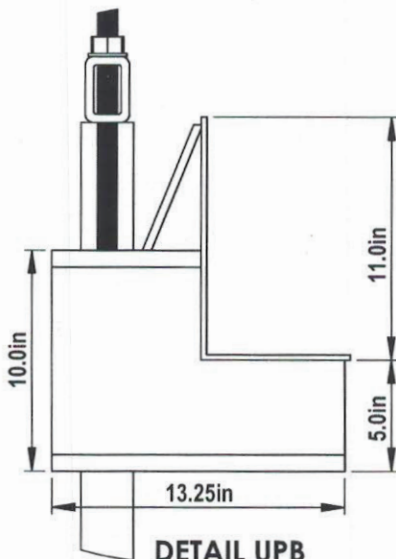
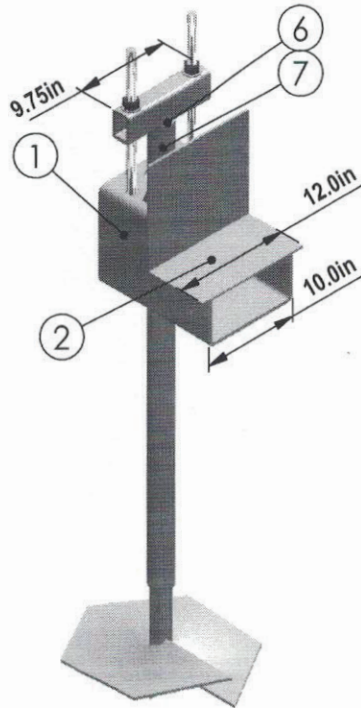
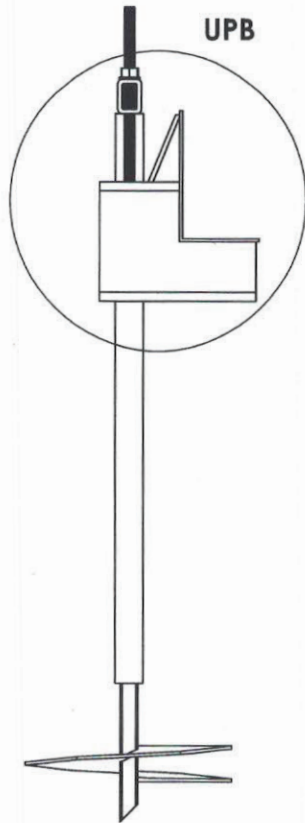
Scale: N.T.S.

Drawn by: LXSS

Sheet: 1/1

NOTES:

1. UNDERPINNING BRACKET ALLOWABLE AXIAL COMPRESSIVE LOAD CAPACITY = 22 KIP



**DETAIL UPB
SCALE 1 : 8**

- | |
|--|
| 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 9 3/4" 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. 1.5" SQUARE SHAFT WITH A MIN YIELD OF 50 KSI, TENSILE STRENGTH OF 65 KSI WELDED TO THE CENTER OF THE 3"X2"X1/4" CROSS TEE |
| 7. 2.0" SCH80 HELICAL PILE WITH A MIN YIELD OF 50 KSI |
| 8. 7/8" THREADED COUPLING |

CANTSINK MANUFACTURING, INC.

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Lilburn, Georgia 30047
678-280-PILE(7453)
FAX:678-280-3476

Title: CANTSINK UNDERPINNING BRACKET

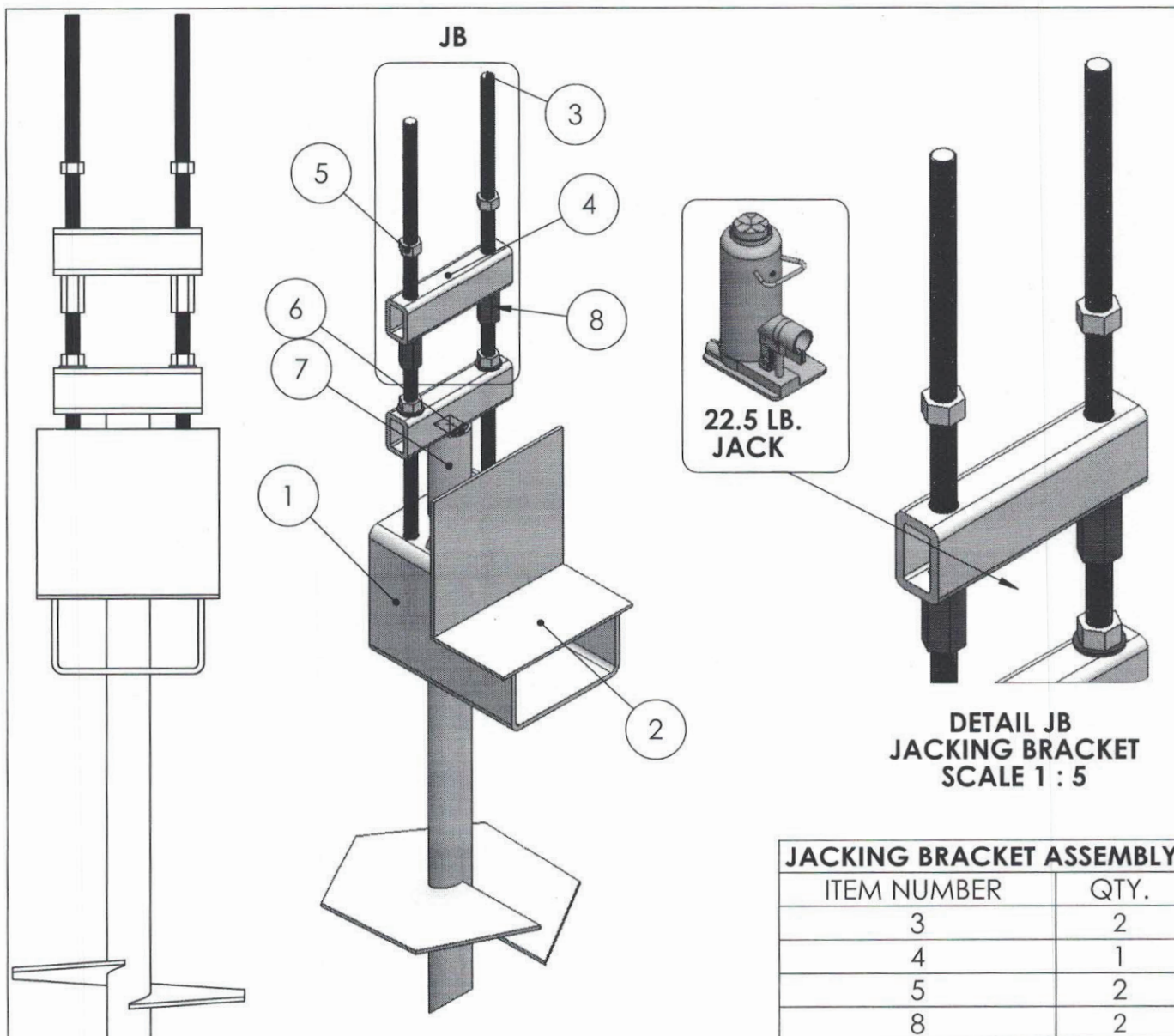
Catalog No. UPB-D-1.5RCS

Revision: RV-12-12/15/2017

Scale: N.T.S.

Drawn by: LXSS

Sheet: 1/1



JACKING BRACKET ASSEMBLY	
ITEM NUMBER	QTY.
3	2
4	1
5	2
8	2

PRODUCT NAME	UNDERPINNING BRACKET ASSEMBLY
CANTSINK CODE	UPB-D25
WEIGHT (UPB PLUS T-PIPE)	80 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, TENSILE STRENGTH 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	
8. 7/8" THREADED COUPLING	