2.375" O.D. x 0.154" Wall
Round Structural ERW Pipe
per ASTM A500 Grade B

NOTES:
Ultimate compression capacity with a minimum of 8" cover 74,000 lb
p_c = 3,000 psi
Ultimate tension capacity with a minimum of 6" cover 44,000 lb
3.50" O.D. x 0.216" Wall Round Structural ERW Pipe per ASTM A500 Grade B

NOTES:

Ultimate compression capacity with a minimum of 8" cover 74,000 lb
$t_c = 3,000$ psi
Ultimate tension capacity with a minimum of 6" cover 44,000 lb
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
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 ¾" A307 GR A BOLTS TO ATTACH TO AN EXTENSION.
5. AVAILABLE NOMINAL LENGTHS ARE 5', 7' AND 10.5'

HELICAL TIMBER BRACKET
N.T.S.

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

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

Title: CANTSINK HELICAL PILE LEAD
Catalog No. 2.5-TB
Revision: RV-12-06/06/2017 Scale: N.T.S.
Drawn by: LXSS Sheet: 1/1