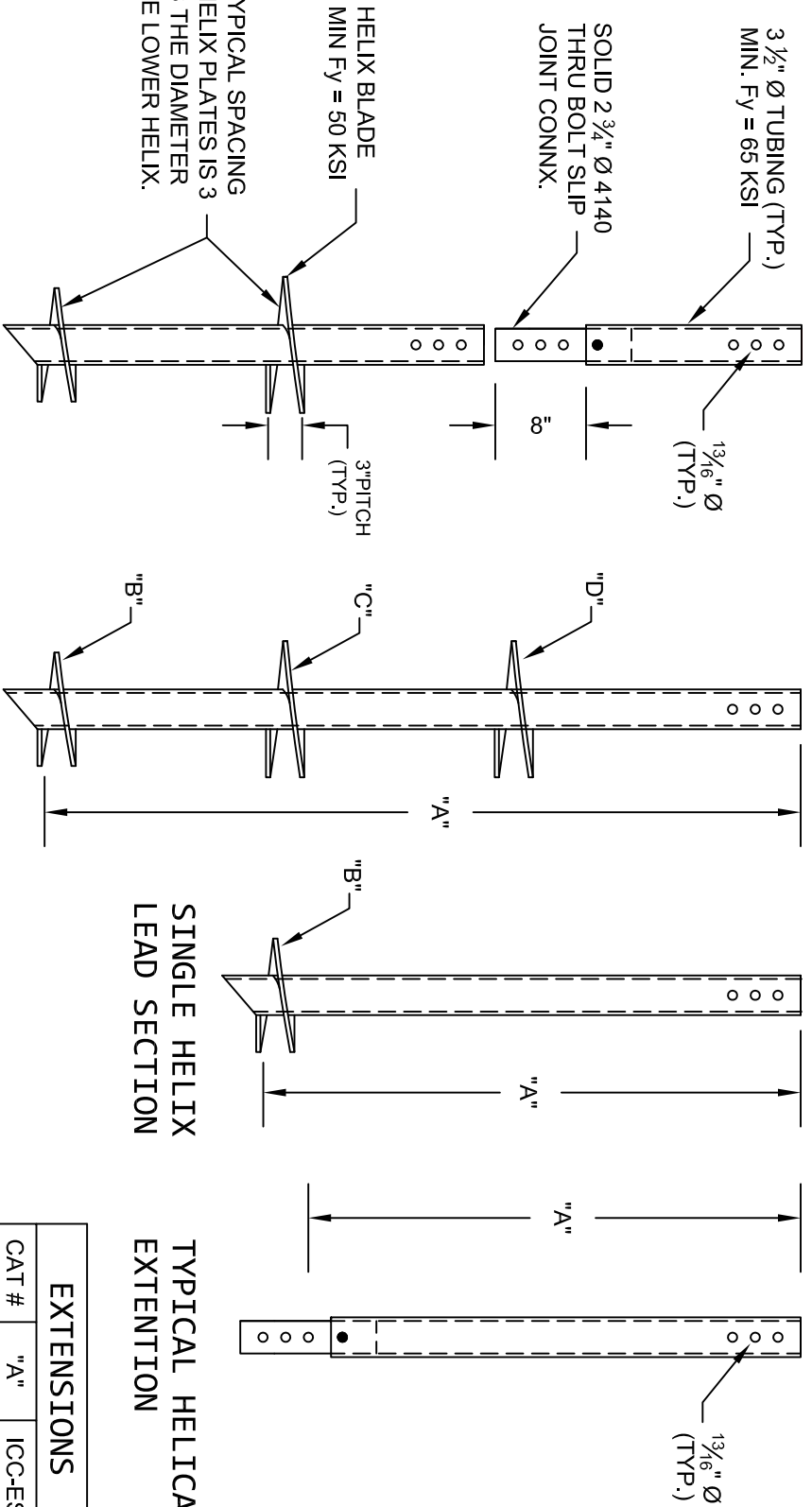


3 1/2" Ø HELICAL PILES AND ANCHORS



EXTENSIONS		
CAT #	"A"	ICC-ES
4620	2'-0"	
4622	3'-6"	

LEAD SECTION TABLE				
CAT #	"A"	"B"	"C"	"D"
4612	5'-0"	12"	14"	
4614	7'-0"	12"	14"	
4615	7'-0"	10"	12"	14"
4616	7'-0"	12"	14"	16"
4618	7'-0"	14"	16"	
4650	5'-0"	8"	8"	
4602	5'-0"	14"		
4604	5'-0"	16"		
4606	7'-0"	12"		
4608	7'-0"	14"		
4610	7'-0"	16"		

STRENGTH RATING

MAX. TORQUE STRENGTH - 11,000 FT-LB
 ULTIMATE CAPACITY (TENS/COMP) - 88.0 KIP*
 ALLOWABLE CAPACITY (TENS/COMP) - 44.0 KIP**

* BASED ON A TORQUE FACTOR (Kt) = 8
 ** WITH SAFETY FACTOR OF 2 BEING APPLIED.
 CAPACITIES ASSUME PILES ARE FULLY BRACED WITH NO ECCENTRICITY

* ICC-ES LISTING => PFC-5996
 * MUL-T-HELIX ARE SPACED 3 DIAMETERS OF THE LOWER HELIX.

- POLYETHYLENE COPOLYMER THERMOPLASTIC COATING PER ICC-ES AC 228
- LEAD AND EXTENTION SECTION AND PILOT POINT LENGTHS ARE NOMINAL. PILOT POINTS ARE 3".
- SHAFT MATERIAL IS 3 1/2"Ø, 0.217 WALL, MINIMUM Fy=65 KSI.
- HELIX BLADE MATERIAL IS HOT ROLLED, MINIMUM Fy=50 KSI CARBON STEEL. PLATE THICKNESS IS AVAILBLE IN 3/8" AND 1/2" THICKNESSES.
- CONNECTORS ARE 2 3/4" Ø SOLID THRU BOLTED SLIP JOINTS.
- NOMINAL SPACING BETWEEN HELICAL PLATES IS THREE TIMES THE DIAMETER OF THE LOWER HELIX.
- MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
- ALL WELDING IS TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
- SEE ICC-ES EVALUATION REPORT PFC-5996 AND RAM JACK ENGINEERING HANDBOOK FOR ALLOWABLE VALUES AND/OR CONDITIONS OF USE CONCERNING MATERIAL PRESENTED IN THIS DOCUMENT.



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RAM JACK
 FOUNDATION SOLUTIONS

DWG. NO.: 35.02
 SCALE: 3/4" = 1'-0"

CATALOG NO.: SEE TABLES
 DRAWN BY: DLW
 DATE: 04/30/08

REV. 1
 SHEET 1 OF 1