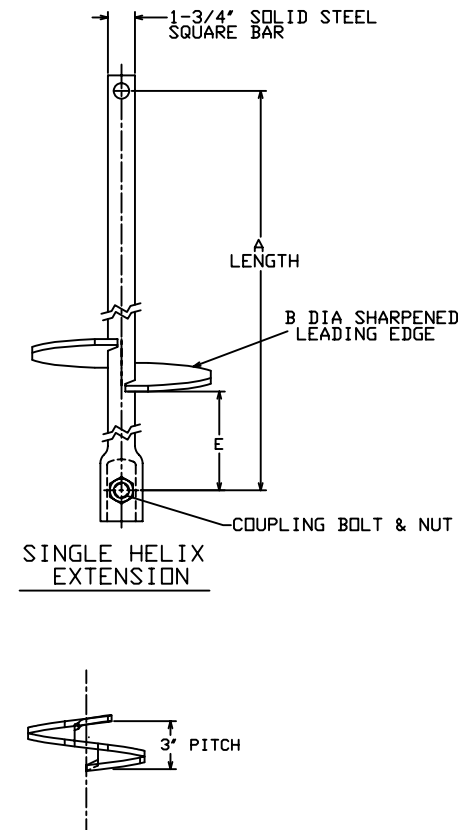
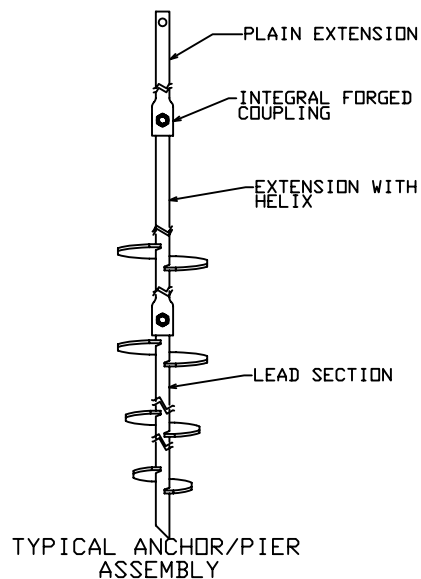
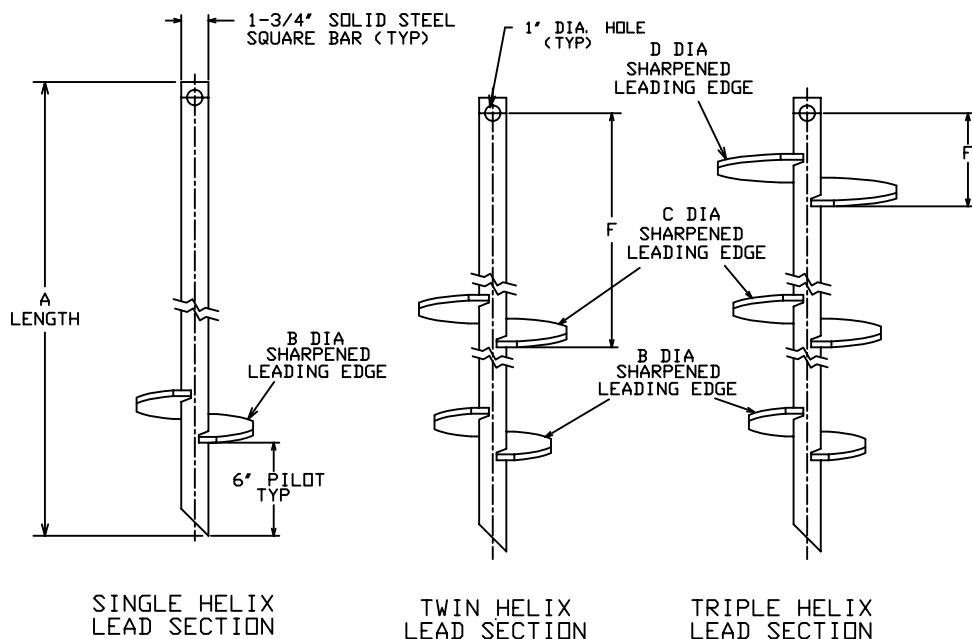


SS175 HELICAL PIERS AND ANCHORS 1/2" THICK HELIX

TORQUE STRENGTH RATING-11,000 FT-LB
 ULTIMATE CAPACITY*(COMPRESSION)-110 KIP
 * BASED ON A TORQUE FACTOR (K_t)=10
 SINGLE HELIX ULTIMATE STRENGTH-60 KIP
 ULTIMATE TENSION STRENGTH (COUPLING BOLT)-100 KIP



HELIX MUST BE FORMED BY MATCHING METAL DIE
 (SIDE VIEW OF TRUE HELICAL FORM)

==NOTES==

1. HOT DIP GALVANIZED PER ASTM A153-(LATEST REVISION).
2. LEAD AND EXTENSION SECTION LENGTHS AND HELIX SPACINGS ARE NOMINAL.
3. NOMINAL SPACING BETWEEN HELIX PLATES IS THREE TIMES THE DIAMETER OF THE LOWER HELIX.
4. SHAFT MATERIAL-HOT ROLLED ROUND-CORNERED-SQUARE (RCS) SOLID STEEL BARS PER ASTM A29; MINIMUM YIELD STRENGTH=90 KSI.
5. HELIX MATERIAL-HOT ROLLED LOW CARBON STEEL SHEET, STRIP, OR PLATE PER ASTM A656, OR A1018 GRADE 80; MINIMUM YIELD STRENGTH=80 KSI; 1/2" THICK.
6. COUPLING BOLTS: 7/8" DIAMETER X 3-1/2" LONG HEX HEAD PER ASTM A193 GRADE B7.
7. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
8. ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1. 1.
9. REFER TO SA150-0183 FOR PLAIN EXTENSIONS AND TERMINATIONS.

LEAD SECTION					
CAT. NO.	A	B	C	D	F
T150-0264	64. 5'	8"			58. 5'
T150-0263	64. 5'	10"			58. 5'
T150-0262	64. 5'	8"	10"		34. 5'
T150-0261	64. 5'	8"	10"	12"	7. 5'
PSAT1500496	64. 5'	6"			58. 5

HELICAL EXTENSION SECTION			
CAT. NO.	A	B	E
T150-0260	46'	14"	40"

TITLE SS175 HELICAL ANCHORS 1/2" THICK HELIX	
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