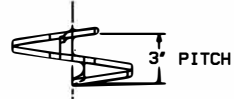
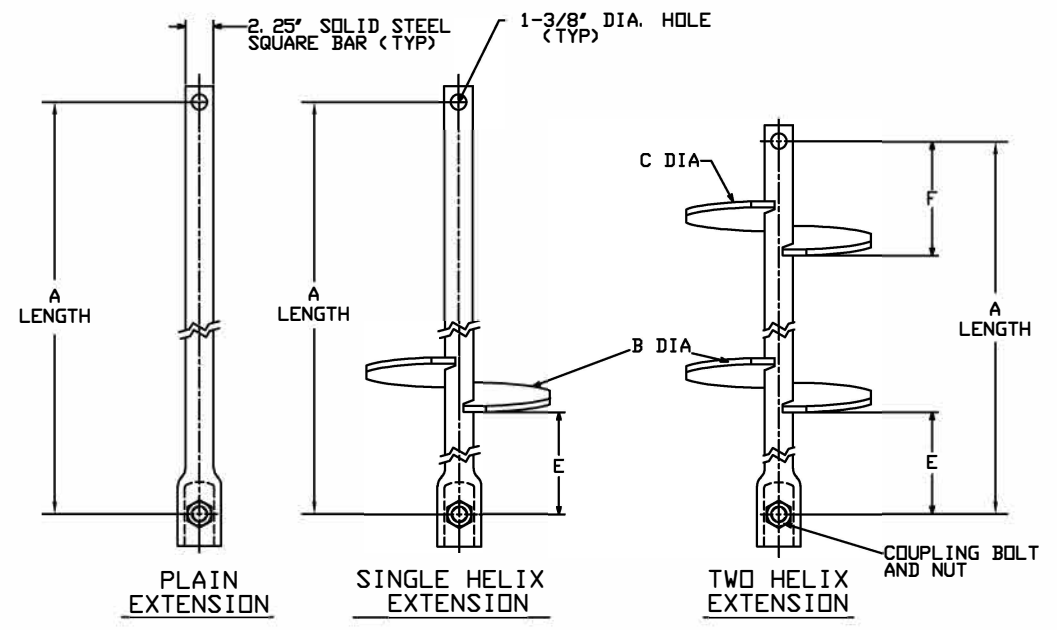
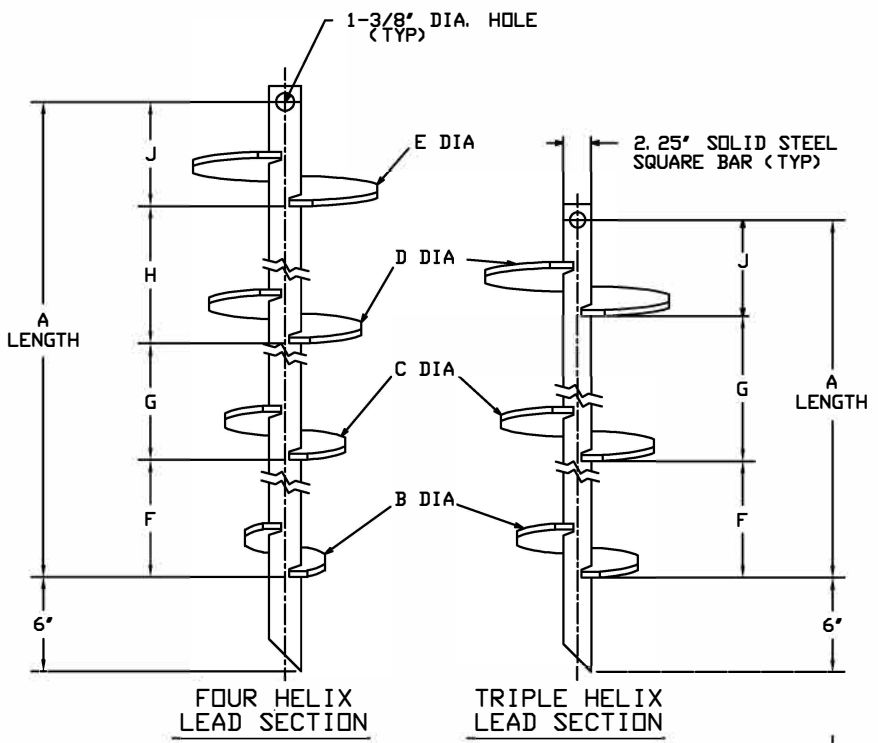


TORQUE STRENGTH* RATING-21,000 FT-LB
 ULTIMATE CAPACITY (COMPRESSION)-210 KIP*
 * BASED ON A TORQUE FACTOR (Kt)-10
 ULTIMATE TENSION STRENGTH (COUPLING BOLT)-200 KIP

SS225 HELICAL PIERS AND ANCHORS



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

LEAD SECTION									
CAT. NO.	A	B	C	D	E	F	G	H	J
C1502211	72.5'	8'	10'	12'		24'	30'		20'
C1502210	52'	6'	8'	10'		18'	24'		10'
C1502213	113'	14'	14'	14'		42'	42'		31'
C1502212	113'	8'	10'	12'	14'	24'	30'	36'	25'

PLAIN EXTENSION	
CAT. NO.	A
C1502214	31'
C1502215	52'
C1502216	72'
C1502217	111'

HELICAL EXTENSION					
CAT. NO.	A	B	C	E	F
C1502218	52'	14'		24'	
C1502219	72'	14'	14'	35'	9'

==NOTES==

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

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	SS225 LEAD SECTIONS AND EXTENSIONS	
SIZE DWG NO. SC SA1502210	CAT / PART / ASSY NO. SEE TABLE	REV A
DO NOT SCALE THIS DRAWING	DRN BY BLJ	DATE 5/24/24
		SHEET 1/1