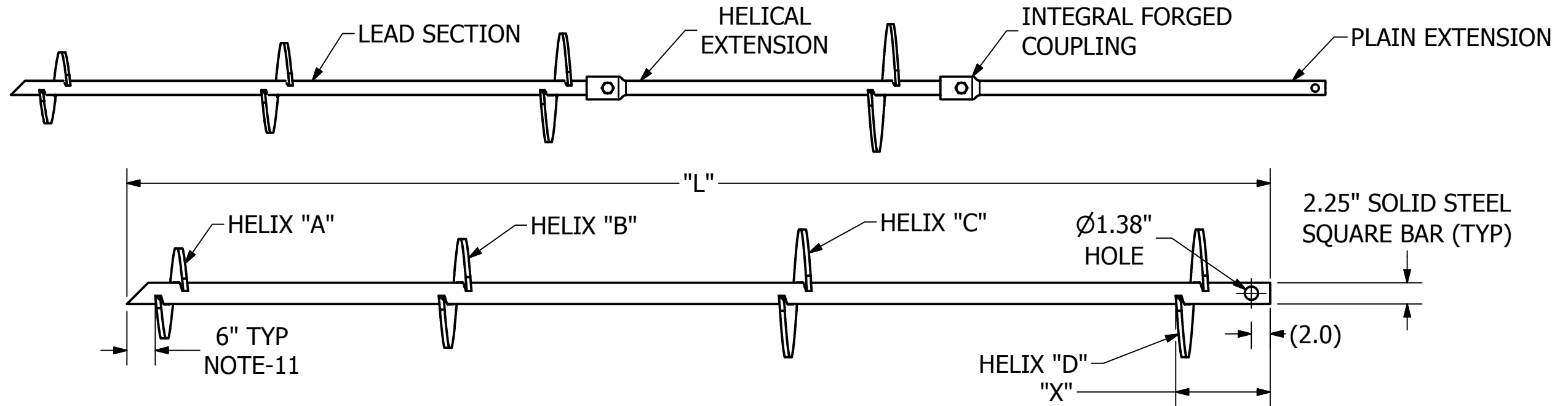


TYPICAL ANCHOR/PIER ASSEMBLY

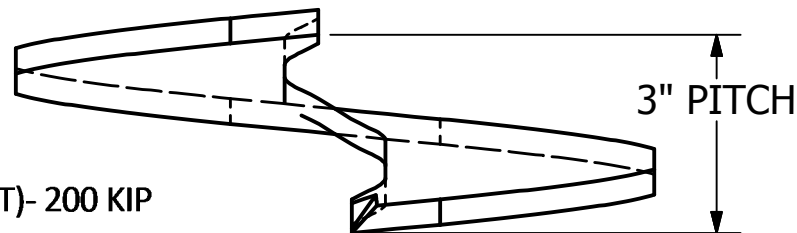


– NOTES –

1. HOT DIP GALVANIZED PER ASTM A153-(LATEST REVISION)
2. LEAD SECTION LENGTHS AND HELIX SPACINGS ARE NOMINAL.
3. NOMINAL SPACING BETWEEN HELIX PLATES IS THREE TIMES THE DIAMETER OF THE LOWER HELIX.
4. MATERIAL:
 - SHAFT- HOT ROLLED ROUND-CORNERED-SQUARE (RCS) SOLID STEEL BARS PER ASTM A29: MINIMUM YIELD STRENGTH= 90 KSI.
 - 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.
 - COUPLING BOLTS: 1.25" DIAMETER X 5" LONG HEX HEAD PER ASTM A193 GRD B7.
5. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
6. ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
7. ALL HELIXES HAVE A SHARPENED LEADING EDGE.

Part Number	DESCRIPTION	L	A	B	C	D	X
C1101586	LEAD, SS225, 10/12/14/14 X 10FT	121 in	10	12	14	14	10 in

TORQUE STRENGTH* RATING- 21,000 FT-LB
 ULTIMATE CAPACITY (COMPRESSION)- 210 KIP
 *BASED ON A TORQUE FACTOR (Kt)= 10
 PER ICC-ES AC358 SECTION 3.13.2
 NOMINAL TENSION STRENGTH (COUPLING BOLT)- 200 KIP



HELIX MUST BE FORMED BY MATING METAL DIE

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SIZE B	CAT / PART / ASSY NO. SEE CHART	DWG NO. SA1101586	REV A
DO NOT SCALE THIS DRAWING	DRN BY JMD	DATE 01/08/19	SHEET 1 OF 1