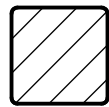
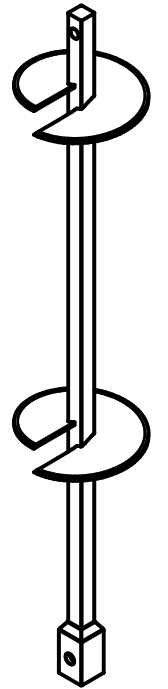
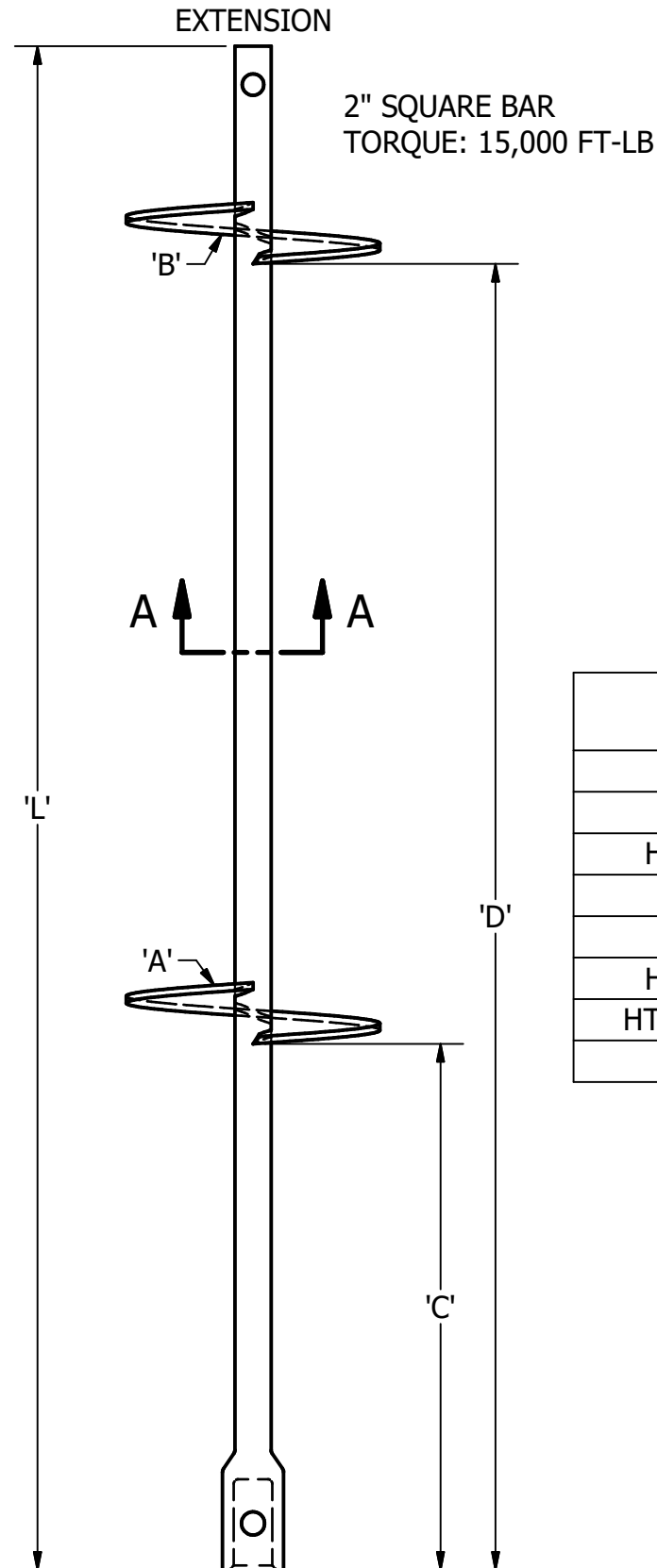


**** NOTES ****

1. HOT DIP GALVANIZED PER ASTM A123 GRADE 100 (LATEST REV)
2. SHAFT MATERIAL HOT ROLLED ROUND CORNER SQUARE SOLID BARS PER ASTM A29; MIN YIELD = 90 KSI
3. HELIX SHALL BE MADE OF ASTM A572 GRADE 50 OR 80
4. COUPLING BOLTS: 1.0"Ø X 4-1/4" LONG HEX HEAD PER SAE J429 GRADE 8
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

HELICAL PILES



SECTION A-A
SCALE 1/4

PART NUMBER	DESCRIPTION	'L'	'A'	'B'	'C'	'D'
TAE-200-36	36" EXTENSION	36				
TAE-200-42	42" EXTENSION	42				
HTAE-200-42-14	42" EXTENSION W/ 1/2" x 14" HELICAL	42	14		12	
TAE-200-60	60" EXTENSION	60				
TAE-200-84	84" EXTENSION	84				
HTAE-200-84-14	84" EXTENSION W/ 1/2" x 14" HELICAL	84	14		9	
HTAE-200-84-14-14	84" EXTENSION W/ 1/2" x 14"/14" HELICAL	84	14	14	29	72
TAE-200-120	120" EXTENSION	120				

DESCRIPTION	IMPERIAL	METRIC
SHAFT SIZE	2 IN	38.1 mm
MOMENT OF INERTIA (I)*	1.333 IN ⁴	5.55x10 ⁵ mm ⁴
SHAFT AREA (A)*	3.95 IN ²	2548.382 mm ²
SECTION MODULUS (SX-X)*	1.333 IN ³	2.185x10 ⁴ mm ³
TORQUE	15,000 FT.LBS	20,337 Nm
ULTIMATE CAPACITY	150,000 LBS	68039 kg

ECP	Earth Contact Products			
	TITLE HELICAL PILES TAE-200/HTAE-200			
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DO NOT SCALE THIS DRAWING	DRN BY GDR	DATE 4/11/23	SHEET 1 OF 1	