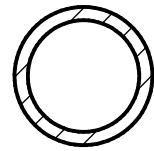
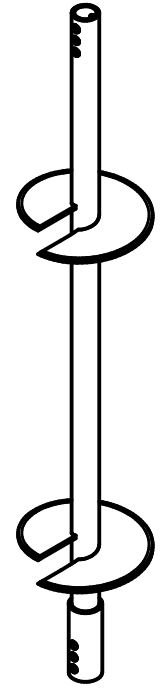
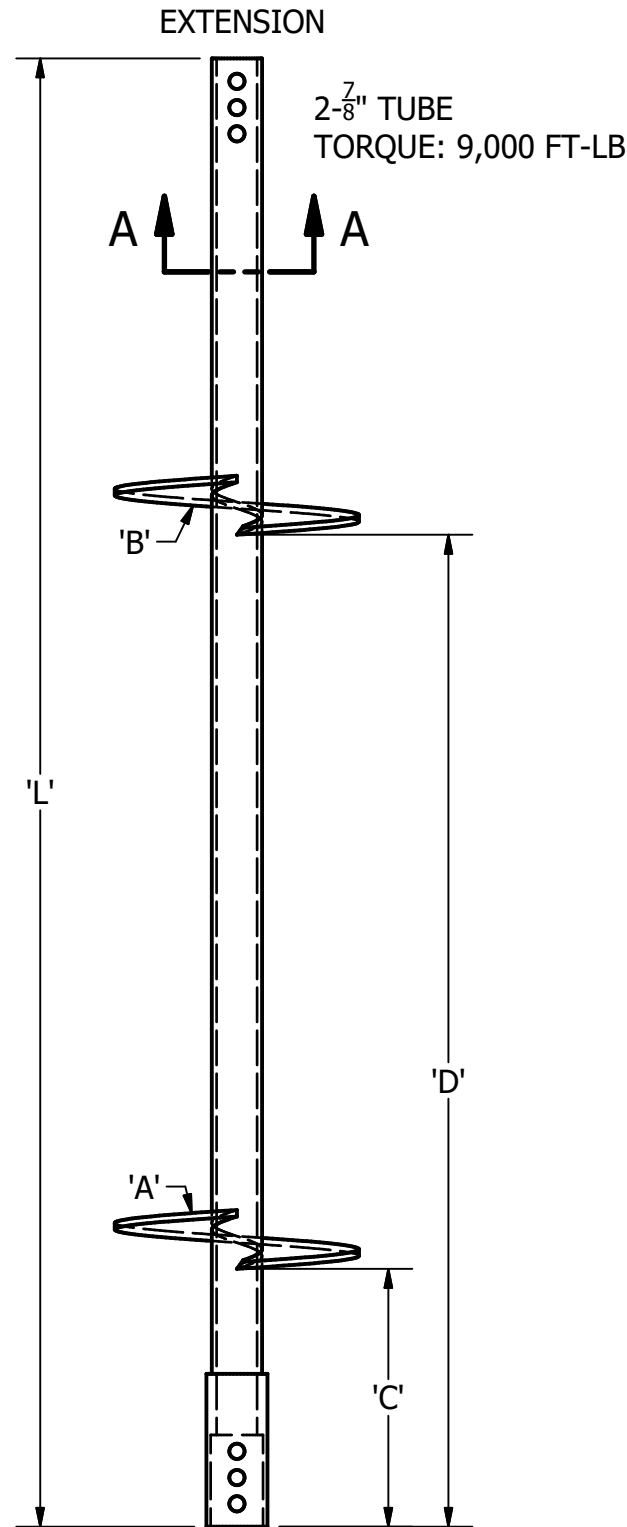


** NOTES **

1. HOT DIP GALVANIZED PER ASTM A123 GRADE 75 (LATEST REV)
2. PIPE SHAFT MATERIAL PER A500 GRADE B MIN YIELD 50 KSI
3. HELIX SHALL BE MADE OF ASTM A572 GRADE 50 OR 80
4. COUPLING BOLTS: 3/4"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
7. ADD 'H' TO FRONT OF CATALOG NUMBER FOR 1/2" THICK HELICES
8. ICC-ESR-3559

HELICAL PILES



SECTION A-A
SCALE 1/4

DESCRIPTION	IMPERIAL	METRIC
SHAFT SIZE, OD	2.875 IN	73.025 mm
WALL THICKNESS	0.276 IN	7.0104 mm
MOMENT OF INERTIA (I)*	1.9242 IN ⁴	8.01x10 ⁵ mm ⁴
SHAFT AREA (A)*	2.2535 IN ²	1453.87 mm ²
SECTION MODULUS (SX-X)*	1.3386 IN ³	21935.7 mm ³
TORQUE RATING	9,000 FT.LBS	12,202.36 Nm
ULTIMATE CAPACITY	100,000 LBS	45,359.2 kg
MAX TORQUE VERIFIABLE LOAD	81,000 LBS.	36,740.98 kg

PART NUMBER	DESCRIPTION	'L'	'A'	'B'	'C'	'D'
TAEW-288-36	36" EXTENSION	36				
TAEW-288-42	42" EXTENSION	42				
TAEW-288-42-14	42" EXTENSION W/ 3/8" x 14" HELICAL	42	14		15	
TAEW-288-60	60" EXTENSION	60				
TAEW-288-84	84" EXTENSION	84				
TAEW-288-84-14	84" EXTENSION W/ 3/8" x 14" HELICAL	84	14		15	
TAEW-288-84-14-14	84" EXTENSION W/ 3/8" x 14"/14" HELICAL	84	14	14	15	57
TAEW-288-120	120" EXTENSION	120				

	Earth Contact Products			
	TITLE HELICAL PILES TAEW-288			
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	<small>DO NOT SCALE THIS DRAWING</small>	<small>DRN BY</small> GDR	<small>DATE</small> 4/11/24	<small>SHEET</small> 1 OF 1