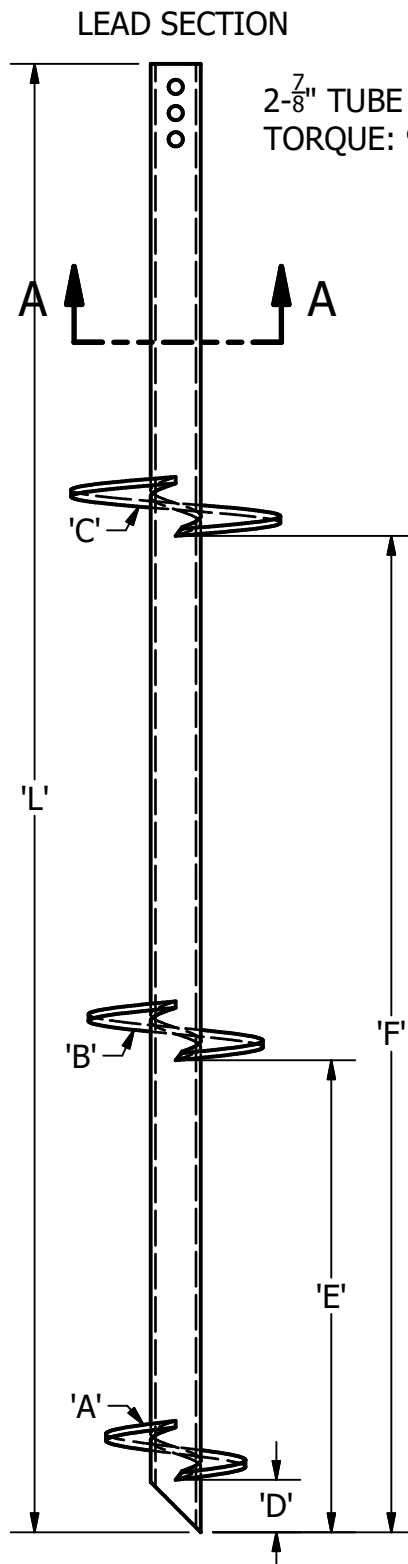
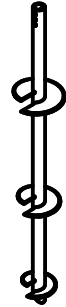


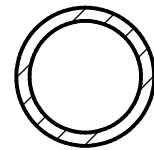
**** NOTES ****

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



2-7/8" TUBE
TORQUE: 9,000 FT-LB



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'	'E'	'F'
TAH-288-60-8	60" LEAD W/ 3/8" x 8" HELICAL	60	8			3		
TAH-288-60-10	60" LEAD W/ 3/8" x 10" HELICAL	60	10			3		
TAH-288-60-12	60" LEAD W/ 3/8" x 12" HELICAL	60	12			3		
TAH-288-60-14	60" LEAD W/ 3/8" x 14" HELICAL	60	14			3		
TAF-288-60-8-10	60" LEAD W/ 3/8" x 8" / 10" HELICALS	60	8	10		3	27	
TAF-288-60-10-12	60" LEAD W/ 3/8" x 10" / 12" HELICALS	60	10	12		3	33	
TAF-288-60-12-14	60" LEAD W/ 3/8" x 12" / 14" HELICALS	60	12	14		3	39	
TAH-288-84-8	84" LEAD W/ 3/8" x 8" HELICAL	84	8			3		
TAH-288-84-10	84" LEAD W/ 3/8" x 10" HELICAL	84	10			3		
TAH-288-84-12	84" LEAD W/ 3/8" x 12" HELICAL	84	12			3		
TAH-288-84-14	84" LEAD W/ 3/8" x 14" HELICAL	84	14			3		
TAF-288-84-8-10	84" LEAD W/ 3/8" x 8" / 10" HELICALS	84	8	10		3	27	
TAF-288-84-10-12	84" LEAD W/ 3/8" x 10" / 12" HELICALS	84	10	12		3	33	
TAF-288-84-12-14	84" LEAD W/ 3/8" x 12" / 14" HELICALS	84	12	14		3	39	
TAF-288-84-8-10-12	84" LEAD W/ 3/8" x 8"/10"/12" HELICALS	84	8	10	12	3	27	57
TAF-288-84-10-12-14	84" LEAD W/ 3/8" x 10"/12"/14" HELICALS	84	10	12	14	3	33	69
TAH-288-120-8	120" LEAD W/ 3/8" x 8" HELICAL	120	8			3		
TAH-288-120-10	120" LEAD W/ 3/8" x 10" HELICAL	120	10			3		
TAH-288-120-12	120" LEAD W/ 3/8" x 12" HELICAL	120	12			3		
TAH-288-120-14	120" LEAD W/ 3/8" x 14" HELICAL	120	14			3		
TAF-288-120-8-10	120" LEAD W/ 3/8" x 8" / 10" HELICALS	120	8	10		3	27	
TAF-288-120-10-12	120" LEAD W/ 3/8" x 10" / 12" HELICALS	120	10	12		3	33	
TAF-288-120-12-14	120" LEAD W/ 3/8" x 12" / 14" HELICALS	120	12	14		3	39	
TAF-288-120-8-10-12	120" LEAD W/ 3/8" x 8"/10"/12" HELICALS	120	8	10	12	3	27	57
TAF-288-120-10-12-14	120" LEAD W/ 3/8" x 10"/12"/14" HELICALS	120	10	12	14	3	33	69



Earth Contact Products

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TITLE HELICAL PILES TAF-288 / TAH-288			
SIZE A	CAT / PART / ASSY NO. SEE CHART	DWG NO. SD-TA-288	REV D
DO NOT SCALE THIS DRAWING	DRN BY GDR	DATE 8/4/23	SHEET 1 OF 1