**NOTES:**
1. POLYETHYLENE POLYMERIC COATING PER ICC ES AC 226.1 GALVANIZED AND UNCOATED PILES AVAILABLE UPON REQUEST.
2. STEM AND EXTENSION LENGTHS ARE NOMINAL.
3. STAINLESS STEEL MATERIAL IS 27/6" O.D. 0.277" WALL. MINIMUM Fy = 55 KSI AND Fu = 80 KSI. ASTM A350.
4. HELICAL BLADE MATERIAL IS 301 STD. MINIMUM Fy = 50 KSI AND Fu = 80 KSI. CARBON STEEL PLATE.
5. ALL NOMINAL SPACING BETWEEN HELICAL PLATES IS THREE TIMES THE DIAMETER OF THE LOWEST HELIX.
6. MANUFACTURER TO HAVE IN EFFECT INDUSTRY-RECOGNIZED WRITTEN QUALITY CONTROL AND MANUFACTURING PROCESSES.
7. ASSURANCE FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
8. ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
9. ALL COUPLING BOLTS TO BE 3/8" SAE J429 GRADE 8 BOLTS (SAE J429 GRADE 5 IF GALVANIZED).

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**HELIX EXTENSIONS**

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**MECHANICAL TORQUE RATING**
- "A" EXTENSION: 6000 FT-LB
- "B" EXTENSION: 540 KIP
- "C" EXTENSION: 270 KIP

**ALLOWABLE CAPACITY**
- "A" EXTENSION: TENSILE (COMP): 54.0 KIP
- "B" EXTENSION: TENSILE (COMP): 27.0 KIP
- "C" EXTENSION: TENSILE (COMP): 13.5 KIP

**BOLT SIZES**
- 3/4" O.D PILING
- 3/4" O.D PILING
- 3/4" O.D PILING

**CONNECTION**
- ACCEPT 3/4" THRUBOLTS
- ACCEPT 3/4" THRUBOLTS
- ACCEPT 3/4" THRUBOLTS

**DETAIL**
- "A" BOLT HOLE TO ACCEPT "A" THRUBOLTS
- "B" BOLT HOLE TO ACCEPT "B" THRUBOLTS
- "C" BOLT HOLE TO ACCEPT "C" THRUBOLTS