| | | 2 | | | | | | | | | - | 1 | | | |
|--------------------------------------|---|--------------|--|--|---|--|---|---|--|--|--|---|---|--|---------------|
| DETA | | AIL B | A | G G I | F F | | ØB DETAIL A ØL DETAIL B | | | | STRENGTH 70 -TUBES PER AS 2-ANY CHANGE O 3-WELD PERFORM AND GOLIA | I KSI TM A500 GR C, F F MATERIAL IS S 1ED IN ACCORDA | Y=60KSI, FU=7(UBJECT TO GOL ANCE WITH CSA NG PROCEDURE | LIATHTECH APPRC | 1 |
| NO. | Dimension | Description | MECHANICAL ASD LO Compression Tension Untropole 0 1 2 (kips) Coupler Coupler Coupler Coupler | | | | AD CAPACITY Lateral Bending Max Soil Capacity | | | 3 2 1 REV | INITIAL F | | 2023- DA | | |
| | (inches) | | Unprotect Statt Intel | | 1 Coupler | | (kips) | (kips) | (kips.ft) | Comp/Ten * (kips) | GC | ILIE | тн | TECH | |
| A | 168 | | 0 | 58.4 | 58.4 | 58.4 | | | | | | | | | |
| B | 17 | | 5 34.5 22.3 13.9 GOLIATHTECH VENTUR/ 10 19.6 14.9 10.6 22.79 18.50 6.20 43.75 GOLIATHTECH VENTUR/ | | | | | | RA LINE | | | | | | |
| C | 4 1/4 3 PITCH | | 10 | 19.0 | | 10.6 | 22.79 | 18.50 | 0.20 | 45.75 | TITLE: 14'Double Helix Screw Pile of 3 1/2 (0.250 wall) with a 17"and 19"Helix | | | | |
| | | | 15 | 11 2 | 05 | 75 | | | | | TITLE: 14'Double | Helix Screw Pile | of 3 1/2 (0.250 w | aii) with a 17 and 1 | 9"Helix |
| D F | | | 15 | 11.3 | 9.5 | 7.5 | | | | | TITLE: 14'Double | Helix Screw Pile o | | . NO : | 9"Helix |
| E | 3/8 | | 15 20 Note: | 11.3 7.1 | 9.5 6.3 | 7.5 5.4 | | | | | | Helix Screw Pile o | DWG VGT | . NO : [PI3121719-14F | |
| E F | 3/8 1 | | 20 Note: 1. Soil capacity | 7.1 (P4) mus | 6.3 at be dete | 5.4 ermined p | | | | corresponding | | Helix Screw Pile o | DWG VGT | . NO : F PI3121719-14F WN BY: | |
| E F G | 3/8 1 1 1/2 | | 20 Note: 1. Soil capacity 2. Maximum ult maximum insta | 7.1 (P4) mus imate soi allation to | 6.3 at be dete l capacity orque rat | 5.4 ermined p is detern ting for t | mined from he specific | Pult = Kt x T pile model | based on the Allowable | e corresponding soil capacity is | | Helix Screw Pile o | DWG VGT DRAV ARC DESIG | . NO : IPI3121719-14F VN BY: G GN BY: | |
| E F | 3/8 1 1 1/2 3 1/2 | | 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined fror | 7.1 (P4) mus imate sol allation to n Pa = P | 6.3 at be dete l capacity orque rat ult /2.0 b | 5.4 ermined p y is detern ting for t ased on t | mined from he specific he correspo | Pult = Kt x T pile model onding maxir | based on the Allowable s num installation | | | Helix Screw Pile o | DWG VGT DRAV ARG DESIG GOI | . NO : FPI3121719-14F VN BY: 5 5 5N BY: LIATHTECH | |
| E F G | 3/8 1 1 1/2 3 1/2 9/16 | Weld | 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined froo for the specific 3. Mechanical t | 7.1 (P4) mus iimate so allation to m Pa = P pile mode orsion rat | 6.3 I capacity orque rate ult /2.0 b bl. See Se ing is the | 5.4 ermined p y is detern ting for t ased on t ection 4.1 maximum | mined from he specific he correspo .5 for addition m torsional i | Pult = Kt x T pile model onding maxir onal informa resistance o | based on the Allowable s num installation tion. f the steel sha | soil capacity is on torque rating ft. | SEAL: | Helix Screw Pile o | DWG VGT DRAV ARG DESIG GOI | . NO : FPI3121719-14F VN BY: 5 5 5 5 5 5 5 5 5 5 5 5 5 | |
| E F G H J | 3/8 1 1 1/2 3 1/2 9/16 1/4 | Weld | 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined fror for the specific 3. Mechanical t 4. Maximum | 7.1 (P4) mus imate so allation to m Pa = P pile mode orsion rat Forque F | 6.3 at be dete l capacity orque rat ult /2.0 b el. See So ing is the 'er Soil | 5.4 ermined p y is detern ting for t ased on t ection 4.1 maximum Tests is | mined from he specific he correspo .5 for addition m torsional the maxim | Pult = Kt x T pile model onding maxir onal informa resistance o num torque | based on the Allowable s num installation tion. f the steel sha achieved du | soil capacity is on torque rating | SEAL: | Helix Screw Pile o | DWG VGT DRAV ARG DESIG GOI CHEC CPC APP B | . NO : FPI3121719-14F WN BY: 5 SN BY: LIATHTECH CK BY: DC BY: | |
| E F G H | 3/8 1 1 1/2 3 1/2 9/16 1/4 51 | Weld | 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined fror for the specific 3. Mechanical T 4. Maximum verification tes interaction. | 7.1 (P4) mus imate so allation to m Pa = P pile mode orsion rat Forque F ting that | 6.3 I capacity orque rat ult /2.0 b el. See So ing is the ver Soil was cor | 5.4 ermined p y is detern ing for t ased on t ection 4.1 maximum Tests is inducted t | mined from he specific he correspo .5 for addition torsional the maxim to verify the | Pult = Kt x T pile model onding maxir onal informa resistance o num torque e pile axial | based on the Allowable s num installation tion. f the steel sha achieved du capacity rela | soil capacity is on torque rating Ift. Iring field axial Ited to pile-soil | SEAL: | Helix Screw Pile o | DWG VGT DRAV ARG GOI CHEC CPC APP E CPC | . NO : FPI3121719-14F WN BY: S SN BY: LIATHTECH CK BY: DC BY: DC DC | |
| E F G H J | 3/8 1 1 1/2 3 1/2 9/16 1/4 51 19 | Weld | 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined fror for the specific 3. Mechanical t 4. Maximum verification tes interaction. 5. Maximum In "maximum torq | 7.1 (P4) mus imate soi allation to n Pa = P pile mode orsion rat Forque F ting that stallation ue per so | 6.3 st be dete l capacity orque ral ult /2.0 b el. See Se ing is the 'er Soil was cor Torque il tests". | 5.4 ermined p y is deterning for t assed on t ection 4.1 e maximum Tests is nducted t rating is | mined from he specific he correspo .5 for additi m torsional i the maxim to verify the the lower of | Pult = Kt x T pile model onding maxir onal informa resistance o hum torque e pile axial f the "mecha | based on the Allowable s num installation tion. f the steel sha achieved du capacity rela anical torsion | soil capacity is on torque rating ft. Iring field axial ated to pile-soil rating" and the | SEAL: | Helix Screw Pile o | DWG VGT DRAV ARG GOI CHEC CPC APP E CPC | . NO : FPI3121719-14F WN BY: 5 SN BY: LIATHTECH CK BY: DC BY: | |
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| E F H J K L M | 3/8 1 1 1/2 3 1/2 9/16 1/4 51 19 3 PITCH 1/2 | Weld | 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined fron for the specific 3. Mechanical t 4. Maximum T verification tes interaction. 5. Maximum In "maximum torq 6. The allowab 3 of Section 4.1 *7. Min required | 7.1 (P4) mus imate soi allation t m Pa = P pile mode orsion rat forque F ting that stallation ue per so le soil ca l.5 of this | 6.3 st be dete l capacity orque raf ult /2.0 b. el. See So ing is the er Soil was cor Torque il tests". pacity un report, w | 5.4 ermined p / is detern ing for t ased on t ection 4.1 maximum Tests is nducted t rating is der the IF /hen appl | mined from he specific he correspo .5 for additi m torsional i the maxim to verify the the lower of RC must be icable. | Pult = Kt x T pile model onding maxir onal informa resistance o num torque e pile axial f the "mecha determined | based on the Allowable s num installation. If the steel sha achieved du capacity rela anical torsion in accordanc | soil capacity is on torque rating ft. Iring field axial ated to pile-soil rating" and the | SEAL: FORMAT : A SCALE : NTS THIS DOCUMENT CONTAIN | REV.: 1 | DWG VG1 DRAV ARC DESIC GOI CHEC CPC OTHE - DATE : 2023 MATION AND MAY NOT | . NO : FPI3121719-14F WN BY: 5 SN BY: LIATHTECH K BY: DC BY: DC BY: DC ER NO : PAGE : 3-10-03 1 THE REPRODUCED OR COP | T DE 1 |
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