B NOTE: MITERAL ************************************		2											1					
No. Dimension (inches) Description Compression (kips) Tension (kips) Lateral (kips) Max Soil (kips) Max Soil (kips) Max Soil (kips) Initial RELEASE 2023-07-31 A 42 0 57.1 57.1 57.1 57.1 61.1 71.1	В	A			A								1-MATERIALS: -PLATE PER CSA G40.21 50W, MIN.FY=60 KSI, ULTIMATE STRENGTH 70 KSI -TUBE PER ASTM A500 GR C, FY=60KSI, FU=70KSI 2-ANY CHANGE OF MATERIAL IS SUBJECT TO GOLIATHTECH APPROVAL 3-WELD PERFORMED IN ACCORDANCE WITH CSA STANDARD W47.1 AND GOLIATHTECH WELDING PROCEDURES. WELDERS ARE ALSO CERTIFIED TO THE AWS STANDARD.					В
A 42 0 57.1 57.1 57.1 B 15 5 24.4 13.1 7.1 C 4 1/4 10 12.2 8.5 5.5 21.51 14.40 3.99 34.88 D PITCH 3 15 6.5 5.3 3.9 20 4.0 3.5 2.9 21.51 14.40 3.99 34.88 GOLIATHTECH VENTURA LINE F 1 Note:		NO.		Description	Unbreed Staff Life	mpress (kips) 1	ion 2	Tension (kips)	Lateral	Bending Moment	Capacity Comp/Ten	1 REV	MODI	FICATIC	N	DATE		
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C 4 1/4 10 12.2 8.5 5.5 21.51 14.40 3.99 34.88 GOLIATHTECH VENTURA LINE D PITCH 3 15 6.5 5.3 3.9 21.51 14.40 3.99 34.88 GOLIATHTECH VENTURA LINE E 3/8 20 4.0 3.5 2.9 21.51 14.40 3.99 34.88 GOLIATHTECH VENTURA LINE F 1 Note: 1.50 capacity (P4) must be determined per Section 4.1.5 of this report. 2. Maximum installation torque rating for the specific pile model. Allowable soil capacity is determined from Pa = Pult /2.0 based on the corresponding maximum installation torque rating is the maximum torsional resistance of the steel shaft. 4. Maximum Torque Par Soil Tests is the maximum torque achieved during field axial verification testing that was conducted to verify the pile axial capacity related to pile-soil interaction. 5. Maximum Installation Torque rating is the lower of the "mechanical torsion rating" and the "maximum torgue per soil tests". FORMAT : A SCALE INTS INTERCHAL PARTY AND ALTIME PARTY AND ALTI																		
D PITCH 3 15 6.5 5.3 3.9 E 3/8 20 4.0 3.5 2.9 F 1 Note: SEAL DRAWN BY: R.E B 1/2 2/8 Maximum ultimate soil capacity is determined per Section 4.1.5 of this report. SEAL: DRAWN BY: R.E B 9/16 10/2 3. Mechanical torsion rating is the maximum torsional resistance of the steel shaft. 4. Maximum Torque Per Soil Tests is the maximum torque achieved during field axial verification testing that was conducted to verify the pile axial capacity related to pile-soil interaction. OTHER NO : OTHER NO : CPOC Amaximum installation Torque rating is the lower of the "mechanical torsion rating" and the "maximum torque per soil tests." E concording maximum installation torque arting is the lower of the specific pile model. Allowable soil capacity related to pile-soil interaction. DATE :: DAT														GOLIATHTECH VENTURA LINE				
E 3/8 20 4.0 3.5 2.9 F 1 1. Soil capacity (P4) must be determined per Section 4.1.5 of this report. SEAL: VGTPI27815-3.5FT BRAWN BY: 2. Maximum ultimate soil capacity is determined from Put = Kt xT based on the corresponding maximum installation torque rating for the specific pile model. Allowable soil capacity is determined from Put = Kt xT based on the corresponding maximum installation torque rating for the specific pile model. Allowable soil capacity is determined from Pa = Put/2.0 based on the corresponding maximum installation torque rating for the specific pile model. See Section 4.1.5 for additional information. J 1/4 Weld . Mechanical torsion rating is the maximum torsional resistance of the steel shaft. . Maximum Installation Torque per Soil Tests is the maximum torque achieved during field axial verification testing that was conducted to verify the pile axial capacity related to pile-soil interaction. . . S. Maximum Installation Torque per soil tests". 6. The allowable soil capacity under the IRC must be determined in accordance with Equation 3 of Section 4.1.5 of this report, when applicable. . . *7. Min required installation depth for tension is 12D where D is the diameter of the uppermost helix. 1. DATE : 2023-07-31 PAGE : 1. DE 1 ************************************									21.51		5.55	5 1100	TITLE: 3.5 Foot Screw Pile of 2 7/8 (0.250 wall) with a 15" Helix					
F 1 Note: G 1 1/2 2. Maximum ultimate soli capacity is determined from Put = Kt x T based on the corresponding maximum installation torque rating for the specific pile model. Allowable soli capacity is determined from Pa = Put /2.0 based on the corresponding maximum installation torque rating for the specific pile model. See Section 4.1.5 for additional information. BR.E J 1/4 Weld Weld CHECK BV: GOLIATHTECH CPOC A Maximum Torque Per Soil Tests is the maximum torque achieved during field axial verification testing that was conducted to verify the pile axial capacity related to pile-soil interaction. S. Maximum Installation Torque rating is the lower of the "mechanical torsion rating" and the "maximum torque per soil tests". S. Maximum torque per soil tests. 6. The allowable soil capacity under the IRC must be determined in accordance with Equation of Section 4.1.5 of this report, when applicable. The allowable soil capacity under the tube torsional capacity. ************************************									1				SEAL:	-:				
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A <u>H 2 7/8</u> maximum installation torque rating for the specific pile model. Allowable soil capacity is determined from Pa = Pult /2.0 based on the corresponding maximum installation torque rating for the specific pile model. See Section 4.1.5 for additional information. J 1/4 Weld J. Maximum Torque Per Soil Tests is the maximum torgue achieved during field axial verification testing that was conducted to verify the pile axial capacity related to pile-soil interaction. 5. Maximum Installation Torque rating is the lower of the "mechanical torsion rating" and the "maximum torque per soil tests". 6. Maximum torque per soil tests". 6. Maximum torque per soil tests". 6. Maximum torque per soil tests". 7. Min required installation depth for tension is 12D where D is the diameter of the uppermost helix. 8. Max Soil Capacities based on the tube torsional cpacity. 9. Max Soil Capacities based on the tube torsional cpacity.		G	1 1/2															
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3 1/4 Werd 4. Maximum Torque Per Soil Tests is the maximum torque achieved during field axial verification testing that was conducted to verify the pile axial capacity related to pile-soil interaction. APP BY: CPOC 5 Maximum Installation Torque rating is the lower of the "mechanical torsion rating" and the "maximum torque per soil tests". OTHER NO: OTHER NO: 6 The allowable soil capacity under the IRC must be determined in accordance with Equation 3 of Section 4.1.5 of this report, when applicable. FORMAT : A REV.: DATE : PAGE : 7 Min required installation depth for tension is 12D where D is the diameter of the uppermost helix. Nax Soil Capacities based on the the tube torsional cpacity. This DOCUMENT CONTAINS PROPRIETARY INFORMATION AND MAY NOT BE REPRODUCED OR COPIED dollathtech INC.		Ι	9/16		for the specific	The specific pile model. See Section 4.1.5 for additional information. 3. Mechanical torsion rating is the maximum torsional resistance of the steel shaft. 4. Maximum Torque Per Soil Tests is the maximum torque achieved during field axial verification testing that was conducted to verify the pile axial capacity related to pile-soil APP BY: CPOC										1.		
APP BY: Image: CPOC	A	J	1/4	Weld	3. Mechanical to											A		
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