		2										1		
DETAI		AlL B	-A	G-	F P	j/	ØB DETAIL A ØL DETAIL B				STREN -TUBES 2-ANY CH. 3-WELD P ANI CER	IALS: PLATE PER CSA G40.21 1 IGTH 70 KSI PER ASTM A500 GR C, F ANGE OF MATERIAL IS S ERFORMED IN ACCORDA D GOLIATHTECH WELDIN TIFIED TO THE AWS STA P GALVANIZED, PARTS PE	Y=60KSI, FU=70KSI UBJECT TO GOLIATHT ANCE WITH CSA STAN NG PROCEDURES. WEL NDARD.	ECH APPROVAL DARD W47.1
			MECHANICAL ASD LOA					AD CAPA	D CAPACITY		2			
	Dimension		St 13	Со	mpress	sion			Bending	Max Soil	1			2023-09-11
NO.	(inches)	Description	ed Sha Lufty		(kips)		Tension	Lateral	Moment	Capacity	REV	MODIFI	CATION	DATE
	(inches)		Uthraced shaft Ith	0 Courtlan	1 Coursian	2 Coursian	(kips)	(kips)	(kips.ft)	Comp/Ten				
			· ·	Coubler	Loubler	Loubler				* / • • •				
Δ	168								(KIPS.IL)	* (kips)		GOLIA	THT	ECH
A	168		0	65.5	65.5	65.5	-		(KIPS.IL)	* (kips)		SOLIA	IŢΗ <mark>π</mark>	ECH
В	9		0 5	65.5 28.1	65.5 15.0	65.5 8.1	-	16 70						
			0	65.5	65.5	65.5	25.78	16.70	4.59	* (kips) 34.88			H PRESTIGE LIN	IE
B C	9 4 1/4 3 PITCH		0 5 10	65.5 28.1 14.1	65.5 15.0 9.8	65.5 8.1 6.3	-	16.70				GOLIATHTEC	CH PRESTIGE LIN of 2 7/8 (0.250 wall) w DWG. NO :	IE ith a 9"and 13"Heli
B C D	9 4 1/4		0 5 10 15 20 Note:	65.5 28.1 14.1 7.4 4.6	65.5 15.0 9.8 6.0 4.0	65.5 8.1 6.3 4.5 3.3	25.78		4.59		TITLE: 14	GOLIATHTEC	H PRESTIGE LIN of 2 7/8 (0.250 wall) w DWG. NO : GTPI278	IE iith a 9"and 13"Heli 0913-14FT
B C D E	9 4 1/4 3 PITCH 3/8 1		0 5 10 15 20 Note: 1. Soil capacity	65.5 28.1 14.1 7.4 4.6 (P4) mus	65.5 15.0 9.8 6.0 4.0	65.5 8.1 6.3 4.5 3.3	25.78 per Section 4	.1.5 of this r	4.59 eport.	34.88	TITLE: 14	GOLIATHTEC	CH PRESTIGE LIN of 2 7/8 (0.250 wall) w DWG. NO :	IE iith a 9"and 13"Heli 0913-14FT
B C D E F G	9 4 1/4 3 PITCH 3/8 1 1 1/2		0 5 10 15 20 Note: 1. Soil capacity 2. Maximum ult maximum insta	65.5 28.1 14.1 7.4 4.6 (P4) mus imate soi	65.5 15.0 9.8 6.0 4.0 st be dete il capacity orque rational	65.5 8.1 6.3 4.5 3.3 ermined p y is deter ting for	25.78 per Section 4 mined from the specific	.1.5 of this r Pult = Kt x 1 pile model	4.59 eport. based on the	34.88 e corresponding soil capacity is	TITLE: 14	GOLIATHTEC	H PRESTIGE LIN of 2 7/8 (0.250 wall) w DWG. NO : GTPI278 DRAWN BY: ARG DESIGN BY:	IE /ith a 9"and 13"Heli 0913-14FT
B C D E F	9 4 1/4 3 PITCH 3/8 1 1 1/2 2 7/8		0 5 10 15 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined fror	65.5 28.1 14.1 7.4 4.6 (P4) mus imate soi allation to n Pa = P	65.5 15.0 9.8 6.0 4.0 t be dete il capacity orque rai ult /2.0 b	65.5 8.1 6.3 4.5 3.3 ermined p y is deter ting for ased on	25.78 25.78 25.78 25.78 25.78	.1.5 of this r Pult = Kt x 1 pile model onding maxir	4.59 • based on the . Allowable s num installatio	34.88 e corresponding	TITLE: 14	GOLIATHTEC	H PRESTIGE LIN of 2 7/8 (0.250 wall) w DWG. NO : GTPI278 DRAWN BY: ARG DESIGN BY: GOLIATH	IE /ith a 9"and 13"Heli 0913-14FT
B C D E F G H	9 4 1/4 3 PITCH 3/8 1 1 1/2 2 7/8 9/16		0 5 10 15 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined from for the specific 3. Mechanical t	$\begin{array}{c} 65.5\\ 28.1\\ 14.1\\ 7.4\\ 4.6\\ \end{array}$ (P4) must solution to the solution of th	65.5 15.0 9.8 6.0 4.0 st be dete il capacity orque rat ult /2.0 b al, See S ting is the	65.5 8.1 6.3 4.5 3.3 ermined p y is deter ting for ased on ection 4.	25.78 25.78 25.78 25.78 25.78 25.78 25.78 25.78 25.78	.1.5 of this r Pult = Kt x 1 pile model nding maxir onal informa resistance o	eport. based on the Allowable s num installation. f the steel sha	34.88 e corresponding soil capacity is on torque rating aft.	TITLE: 1/ SEAL:	GOLIATHTEC	H PRESTIGE LIN of 2 7/8 (0.250 wall) w DWG. NO : GTPI278 DRAWN BY: ARG DESIGN BY:	IE /ith a 9"and 13"Heli 0913-14FT
B C E F G H I J	9 4 1/4 3 PITCH 3/8 1 1 1/2 2 7/8 9/16 1/4	Weld	0 5 10 15 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined fror for the specific 3. Mechanical t 4. Maximum	65.5 28.1 14.1 7.4 4.6 (P4) mus imate sol allation to n Pa = P pile mode corsion rate	65.5 15.0 9.8 6.0 4.0 st be dete il capacity orque rat ult /2.0 b al. See Sc ting is the Per Soil	65.5 8.1 6.3 4.5 3.3 ermined p y is deter ting for ased on ection 4. e maximu Tests is	25.78 25.78	.1.5 of this r Pult = Kt x T pile model onding maxir onal informa resistance o num torque	eport. based on the Allowable s num installation f the steel sha achieved du	34.88 e corresponding soil capacity is on torque rating	TITLE: 1/ SEAL:	GOLIATHTEC	H PRESTIGE LIN of 2 7/8 (0.250 wall) w DWG. NO : GTPI278 DRAWN BY: ARG DESIGN BY: GOLIATH CHECK BY: CPOC APP BY:	IE /ith a 9"and 13"Heli 0913-14FT
B C D E F G H	9 4 1/4 3 PITCH 3/8 1 1 1/2 2 7/8 9/16 1/4 27		0 5 10 15 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined fror for the specific 3. Mechanical t 4. Maximum T verification test interaction.	65.5 28.1 14.1 7.4 4.6 (P4) mus imate soi allation te n Pa = P pile mode orision rat Torque F ting that	65.5 15.0 9.8 6.0 4.0 st be deteil capacity orque ral ult /2.0 b el. See Setting is the eer Soil was con	65.5 8.1 6.3 4.5 3.3 ermined p y is deter ting for ased on ection 4. e maximu Tests is nducted	25.78 25.79 25.79	. 1.5 of this r Pult = Kt x T pile model nding maxir onal informa resistance o num torque e pile axial	4.59 based on the Allowable so num installation f the steel sha achieved du capacity rela	34.88 e corresponding soil capacity is on torque rating aft. uring field axial ated to pile-soil	TITLE: 1/ SEAL:	GOLIATHTEC	H PRESTIGE LIN of 2 7/8 (0.250 wall) w DWG. NO : GTPI278 DRAWN BY: ARG DESIGN BY: GOLIATH CHECK BY: CPOC APP BY: CPOC	IE iith a 9"and 13"Heli 0913-14FT TECH
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B C D F G H I J K L	9 4 1/4 3 PITCH 3/8 1 1 1/2 2 7/8 9/16 1/4 27 13		0 5 10 15 20 Note: 1. Soil capacity 2. Maximum ult maximum insta determined from for the specific 3. Mechanical t 4. Maximum T verification test interaction. 5. Maximum In "maximum torqu 6. The allowabl 3 of Section 4.1	$\begin{array}{c} 65.5\\ 28.1\\ 14.1\\ 7.4\\ 4.6\\ \end{array}$ (P4) musimate solialitation to make the solialitation to make the solialitation to make the solialitation of the solia	65.5 15.0 9.8 6.0 4.0 t be dete il capacity orque rai ult /2.0 b el. See So ting is the 'er Soil was cor Torque il tests". pacity un report, w	65.5 8.1 6.3 4.5 3.3 ermined p y is deter ting for ased on ection 4. e maximu Tests is nducted rating is uder the I yhen app	25.78 25.78	. 1.5 of this r Pult = Kt x T pile model anding maxir onal informa resistance o num torque e pile axial f the "mech- determined	4.59 based on the . Allowable : num installation. f the steel sha achieved du capacity rela anical torsion in accordance	34.88 e corresponding soil capacity is on torque rating aft. uring field axial ated to pile-soil rating" and the	TITLE: 14 SEAL: FORMAT : SCALE : THIS DOCUME	GOLIATHTEC 4' Double Helix Screw Pile	H PRESTIGE LIN of 2 7/8 (0.250 wall) w DWG. NO : GTPI278 DRAWN BY: ARG DESIGN BY: GOLIATH CHECK BY: CPOC APP BY: CPOC OTHER NO - DATE : 2023-09-7 MATION AND MAY NOT BE REFR	JE rith a 9"and 13"Heli 0913-14FT TECH : 11 PAGE : 11 1 DE 1 DOUCED OR COPIED