		2										1									
DETAIL	LA DET.	AlL B	A	G-	F P O	J P	ØB DETAIL A ØL DETAIL B				STREN -TUBES 2-ANY CHA 3-WELD PE AND CERT	PLATE PER CSA GTH 70 KSI PER ASTM A500 ANGE OF MATEI RFORMED IN A	G40.21 50 0 GR C, FY= RIAL IS SUE ACCORDAN I WELDING AWS STANI		CH APPROVAL ARD W47.1						
NO.	Dimension (inches)	Description	MECHANICA   Compression   (kips)   0 1 2   UNROTECHANICA   Compression   (kips)   Coupler Coupler   Coupler Coupler				ASD LO Tension (kips)		Bending Moment	Max Soil Capacity Comp/Ten	2 1 REV		IITIAL RE ODIFIC/		2023-09-07 DATE						
A	84		Unt Let	Coupler 65.5	Coupler	Coupler			(kips.ft)	* (kips)	C	<b>DL</b>	IA'	ŢΗ <mark>τ</mark> ε	CH						
B	11		5	28.1	15.0	8.1															
C	4 1/4		10	14.1	9.8	6.3	25.78	16.70	4.59	34.88	GOLIATHTECH PRESTIGE LINE			PRESTIGE LINE							
D	3 PITCH		15	7.4	6.0	4.5					TITLE: Do	ouble Helix Screv	w Pile of 2 7	2 7/8 (0.250 wall) with a 11" and 13" Heli							
E	3/8		20	4.6	4.0	3.3					SEAL:			DWG. NO :	440						
11 5 .	1		Note:											GTPI278: DRAWN BY:	113						
F			1. Soil capacity	(P4) mus						oorrooponding				ARG	-						
	1 1/2		2. Maximum ult	imate soi	l capacit	/ is aeter		F uit = Kt X I	based on the	e corresponding											
F	1 1/2 2 7/8		maximum insta	Illation to	orque rat	ing for t	he specific	pile model	. Allowable	soil capacity is				DESIGN BY:	тсц						
F G	-		maximum insta determined from for the specific	Illation to n Pa = P pile mode	orque rat ult /2.0 ba el. See Se	ing for t ased on t ection 4.1	he specific he correspo .5 for additi	pile model nding maxir onal informa	. Allowable s num installatio tion.	soil capacity is on torque rating				DESIGN BY: GOLIATHT CHECK BY:	ECH						
F G	2 7/8	Weld	maximum insta determined from for the specific 3. Mechanical to	Illation to n Pa = P pile mode orsion rat	orque rat ult /2.0 ba el. See Se ting is the	ing for t ased on t ection 4.1 maximu	he specific he correspo .5 for additi m torsional i	pile model onding maxir onal informa resistance of	. Allowable s num installatio tion. f the steel sha	soil capacity is on torque rating ift.				GOLIATH	ECH						
F G H I	2 7/8 9/16	Weld	maximum insta determined fron for the specific 3. Mechanical to 4. Maximum T	Illation to n Pa = P pile mode orsion rat orgue F	orque rat ult /2.0 ba el. See Se ting is the Per Soil	ing for t ased on t ection 4.1 maximu Tests is	the specific the correspond 5 for addition torsional in the maxim	pile model onding maxir onal informa resistance of oum torque	. Allowable s num installatio tion. f the steel sha achieved du	soil capacity is on torque rating				GOLIATHT CHECK BY: CPOC APP BY:	ECH						
F G H J	2 7/8 9/16 1/4	Weld	maximum insta determined fror for the specific 3. Mechanical to 4. Maximum T verification test interaction.	Illation to n Pa = P pile mode orsion rat orque F ting that	orque rat ult /2.0 ba el. See Se ting is the Per Soil was cor	ing for t ased on t ection 4.1 maximu Tests is nducted	the specific the correspond .5 for addition to resional the maxim to verify the	pile model onding maxir onal informa resistance of oum torque e pile axial	. Allowable s num installatio tion. f the steel sha achieved du capacity rela	soil capacity is on torque rating lft. Iring field axial ated to pile-soil				GOLIATHT CHECK BY: CPOC							
F G H J K L	2 7/8 9/16 1/4 33 13	Weld	maximum insta determined fron for the specific 3. Mechanical to 4. Maximum To verification test interaction. 5. Maximum In "maximum torqu	Illation to n Pa = P pile mode orsion rat orque F ting that stallation ue per so	orque rat ult /2.0 ba el. See Se ting is the Per Soil was cor Torque f il tests".	ing for the ased on the ection 4.1 maximu Tests is inducted the rating is	the specific the correspond 5 for addition to torsional of the maxim to verify the the lower of	pile model inding maxir onal informa resistance of num torque e pile axial f the "mecha	. 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				GOLIATHT CHECK BY: CPOC APP BY: CPOC							
F G H J K	2 7/8 9/16 1/4 33 13 3 PITCH	Weld	maximum insta determined fron for the specific 3. Mechanical to 4. Maximum T verification test interaction. 5. Maximum In "maximum torqu 6. The allowabl	Illation to n Pa = P pile mode orsion rat orque F ting that stallation ue per so e soil ca	orque rat ult /2.0 ba el. See Se ting is the Per Soil was cor Torque i il tests". pacity une	ing for the ased on the ection 4.1 ased on the ection 4.1 as maximu Tests is inducted the rating is der the II	the specific the correspond 5 for additi- m torsional the maxim to verify the the lower of RC must be	pile model inding maxir onal informa resistance of num torque e pile axial f the "mecha	. Allowable s num installation tion. f the steel sha achieved du capacity rela anical torsion	soil capacity is on torque rating lft. Iring field axial ated to pile-soil	FORMAT :			GOLIATHI CHECK BY: CPOC APP BY: CPOC OTHER NO: - DATE :	PAGE :						
F G H J K L M	2 7/8 9/16 1/4 33 13	Weld	maximum insta determined fron for the specific 3. Mechanical to 4. Maximum To verification test interaction. 5. Maximum In "maximum torqu	Illation to n Pa = P pile mode orsion rat forque F ting that stallation ue per so e soil ca .5 of this	orque rat ult /2.0 ba el. See Se ting is the Per Soil was cor Torque il tests". pacity une report, w	ing for the ased on the ection 4.1 the maximu Tests is inducted the rating is der the II then appl	the specific the correspondent of additional of the maxim to verify the the lower of RC must be icable.	pile model onding maxim conal information resistance of num torque e pile axial f the "mechal determined	. Allowable s num installation tion. f the steel sha achieved du capacity rela anical torsion in accordance	soil capacity is on torque rating ff. ring field axial ated to pile-soil rating" and the e with Equation	FORMAT : SCALE : THIS DOCUMEN		1	GOLIATHT CHECK BY: CPOC APP BY: CPOC OTHER NO : -	PAGE : 7 1 DE 1						