		2										-			
DETAI	L A DET.	AlL B	A	G-	F P 0	J P	ØB DETAIL A ØL DETAIL B				STRENGTH 7 -TUBES PER A 2-ANY CHANGE 3-WELD PERFOR AND GOLI	0 KSI STM A500 GR C, OF MATERIAL IS S MED IN ACCORD ATHTECH WELDI TO THE AWS ST	FY=60KSI, FU=7 SUBJECT TO GOI ANCE WITH CSA NG PROCEDURE ANDARD.	LIATHTECH APPRO A STANDARD W47.1 ES. WELDERS ARE A	
NO.	Dimension (inches)	Description	Unbraced Stratt Until	Co	1ECHA mpress (kips)			AD CAPA Lateral (kips)	ACITY Bending Moment	Max Soil Capacity	2 1 REV		RELEASE	2023-0 DA ⁻	
1			10 6°							(comn/lon					
	84					Coupler		(крз)	(kips.ft)	Comp/Ten * (kips)	GC	JLIF	ÌŢΗ	TECH	
A	84		0	65.5	65.5	Coupler 65.5		(KIPS)	(kips.ft)		GC	DLIF	ηŢΗ	TECH	
В	9		0 5	65.5 28.1		Coupler 65.5 8.1				* (kips)					
			0	65.5	65.5 15.0	Coupler 65.5		16.70	(kips.ft) 4.59			GOLIATHTE	CH PRESTIG		
B C	9 4 1/4		0 5 10	65.5 28.1 14.1	65.5 15.0 9.8	Coupler 65.5 8.1 6.3				* (kips)		GOLIATHTE	CH PRESTIG 2 7/8 (0.250 wa	E LINE II) with a 09" and 11 5. NO :	
B C D	9 4 1/4 3 PITCH		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	Coupler 65.5 8.1 6.3 4.5 3.3	25.78	16.70	4.59	* (kips)	TITLE: Double P	GOLIATHTE	CH PRESTIG 2 7/8 (0.250 wa DWG GTI	E LINE II) with a 09" and 11	
B C D E	9 4 1/4 3 PITCH 3/8		0 5 10 15 20 Note: 1. Soil capacity	65.5 28.1 14.1 7.4 4.6	65.5 15.0 9.8 6.0 4.0	Coupler 65.5 8.1 6.3 4.5 3.3 ermined p	25.78 per Section 4	16.70	4.59 report.	* (kips)	TITLE: Double I SEAL:	GOLIATHTE	CH PRESTIG 2 7/8 (0.250 wa DWG GTI DRAV ARC	E LINE II) with a 09" and 11 5. NO : PI2780911 WN BY: G	
B C D E F	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) mustimate so allation to	65.5 15.0 9.8 6.0 4.0 st be dete il capacitiorque rationality	Coupler 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	16.70 4.1.5 of this Pult = Kt x	4.59 report. T based on th I. Allowable	* (kips) 34.88 e corresponding soil capacity is	TITLE: Double I	GOLIATHTE	CH PRESTIG 2 7/8 (0.250 wa DWG GTI DRAV ARC DESIG	E LINE II) with a 09" and 11 5. NO : PI2780911 WN BY: G GN BY:	
B C D E F G	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) mu: timate so allation t n Pa = P	65.5 15.0 9.8 6.0 4.0 st be dete il capacity orque rai	Coupler 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	16.70 4.1.5 of this Pult = Kt x	4.59 report. T based on th I. Allowable mum installati	* (kips) 34.88 e corresponding	TITLE: Double I	GOLIATHTE	CH PRESTIG 2 7/8 (0.250 wa DWG GTI DRAN ARC DESIC GO	E LINE II) with a 09" and 11 5. NO : PI2780911 WN BY: G GN BY: LIATHTECH	
B C D E F G H I	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 fror for the specific 3. Mechanical t	65.5 28.1 14.1 7.4 4.6 (P4) must timate so allation to n Pa = P pile mod orision fa	65.5 15.0 9.8 6.0 4.0 st be dete il capacity orque rai 'ult /2.0 b el. See S ting is the	Coupler 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 25.78 25.78 25.78 25.78	16.70 1.1.5 of this I Pult = Kt x pile mode onding maxi onal informa resistance c	4.59 report. T based on th il. Allowable mum installati ation. of the steel sha	* (kips) 34.88 e corresponding soil capacity is ion torque rating aft.	TITLE: Double I SEAL:	GOLIATHTE	CH PRESTIG 2 7/8 (0.250 wa DWG GTI DRAN ARC DESIC GO	E LINE II) with a 09" and 11 5. NO : PI2780911 WN BY: G GN BY: LIATHTECH CK BY:	
B C D 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 from for the specific 3. Mechanical t 4. Maximum	65.5 28.1 14.1 7.4 4.6 (P4) must timate so allation to the pile mod orsion ra Forque F	65.5 15.0 9.8 6.0 4.0 st be dete il capacith orque rai ult /2.0 b el. See S ting is the Per Soil	Coupler 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 25.79 25.78 25.79 25.78	16.70 1.1.5 of this I Pult = Kt x ; pile mode onding maxi onal informa resistance o num torque	4.59 report. T based on th il. Allowable mum installati ation. of the steel sha achieved du	* (kips) 34.88 e corresponding soil capacity is ion torque rating aft. uring field axial	TITLE: Double I SEAL:	GOLIATHTE	CH PRESTIG 2 7/8 (0.250 wa DWG GTI DRAV ARC DESIG GO CHEC CPC APP	E LINE II) with a 09" and 11 5. NO : PI2780911 WN BY: G GN BY: LIATHTECH CK BY: DC BY:	
B C D E F G H I	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 verification tes interaction.	65.5 28.1 14.1 7.4 4.6 (P4) must timate so allation to n Pa = P pile mod orsion ra Torque F ting that	65.5 15.0 9.8 6.0 4.0 st be detei il capacity orque rai vult /2.0 b el. See Se ting is the Per Soil was con	Coupler 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 per Section 4 mined from the specific the correspo 1.5 for additi in torsional the maxin to verify th	16.70 4.1.5 of this Pult = Kt x pile mode onding maxi ional informa resistance o num torque e pile axial	4.59 report. T based on th I. Allowable mum installati ation. of the steel sha achieved du capacity rela	* (kips) 34.88 e corresponding soil capacity is ion torque rating aft. uring field axial ated to pile-soil	TITLE: Double I SEAL:	GOLIATHTE	CH PRESTIG 2 7/8 (0.250 wa DWG GTI DRAV ARC DESIG GO CHEC CPC APP CPC	E LINE II) with a 09" and 11 5. NO : PI2780911 WN BY: G GN BY: LIATHTECH CK BY: DC BY: DC	
B C D E 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 11		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 tes interaction. 5. Maximum In	65.5 28.1 14.1 7.4 4.6 (P4) mu: timate so allation to n Pa = P pile mod- orsion ra Forque F ting that stallation	65.5 15.0 9.8 6.0 4.0 st be dete il capacity orque rai 'ult /2.0 b el. See S ting is the Per Soil was con	Coupler 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 per Section 4 mined from the specific the correspo 1.5 for additi in torsional the maxin to verify th	16.70 4.1.5 of this Pult = Kt x pile mode onding maxi ional informa resistance o num torque e pile axial	4.59 report. T based on th I. Allowable mum installati ation. of the steel sha achieved du capacity rela	* (kips) 34.88 e corresponding soil capacity is ion torque rating aft. uring field axial	TITLE: Double I SEAL:	GOLIATHTE	CH PRESTIG 2 7/8 (0.250 wa DWG GTI DRAV ARC DESIG GO CHEC CPC APP CPC	E LINE II) with a 09" and 11 5. NO : PI2780911 WN BY: G GN BY: LIATHTECH CK BY: DC BY:	
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 11 3 PITCH		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 tes interaction. 5. Maximum Introp 6. The allowabl	65.5 28.1 14.1 7.4 4.6 (P4) mu: timate so allation t m Pa = P pile mod orsion ra Torque F ting that stallation ue per so le soil ca	65.5 15.0 9.8 6.0 4.0 the deteil il capacity orque rai vult /2.0 b el. See So ting is the Per Soil was con to Torque bil tests". pacity un	Coupler 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 der the I	25.78 25.78	16.70 1.1.5 of this Pult = Kt x pile mode ponding maxi onal informa resistance c num torque e pile axial f the "mech	4.59 report. T based on th J. Allowable mum installati ation. of the steel sha achieved du capacity rela-	* (kips) 34.88 e corresponding soil capacity is ion torque rating aft. uring field axial ated to pile-soil	TITLE: Double F	GOLIATHTEC Helix Screw Pile of	CH PRESTIG	E LINE II) with a 09" and 11 S. NO : PI2780911 WN BY: G GN BY: LIATHTECH CK BY: DC BY: DC ER NO : PAGE :	' Helix
B C D F G H I J K L N	9 4 1/4 3 PITCH 3/8 1 1 1/2 2 7/8 9/16 1/4 27 11 3 PITCH 3/8		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 tes interaction. 5. Maximum In "maximum torq 6. The allowabl 3 of Section 4.1	65.5 28.1 14.1 7.4 4.6 (P4) mu: imate so allation t m Pa = P pile mod orsion ra Torque F ting that stallation ue per so le soil ca 1.5 of this	65.5 15.0 9.8 6.0 4.0 ti capacity orque rai ult /2.0 b el. See St ting is the Per Soil was con Torque il tests". pacity un report, w	Coupler 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 der the I yhen app	25.78 25.78	16.70 4.1.5 of this I Pult = Kt x pile mode onding maxi ional informa resistance on num torque e pile axial f the "mech	4.59 Teport. T based on th 4. Allowable mum installati ation. of the steel sha achieved du capacity rela- nanical torsion	* (kips) 34.88 e corresponding soil capacity is ion torque rating aft. uring field axial ated to pile-soil rating" and the ce with Equation	TITLE: Double F SEAL: FORMAT : A SCALE : NTS	GOLIATHTEC Helix Screw Pile of	CH PRESTIG	II) with a 09" and 11 S. NO : PI2780911 WN BY: G GN BY: LIATHTECH CK BY: DC BY: DC ER NO : PAGE : 1	THEIIX
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 11 3 PITCH		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 tes interaction. 5. Maximum In "maximum torq 6. The allowabl 3 of Section 4.1	65.5 28.1 14.1 7.4 4.6 (P4) mustimate so allalation to n Pa = P pile modiorsion ra Forque F ting that stallation ue per so le soil ca .5 of this d installa	65.5 15.0 9.8 6.0 4.0 st be dete il capacith orque rai ult /2.0 b el. See S ting is the Per Soil was con 1 Torque oil tests". pacity un report, w tion depth	Coupler 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 der the I when app h for tens	25.78 25.78	16.70 4.1.5 of this I Pult = Kt x pile mode onding maxi lonal informa resistance o num torque e pile axial f the "mech e determined where D is the	4.59 Teport. T based on th 4. Allowable mum installati ation. of the steel sha achieved du capacity rela- nanical torsion	* (kips) 34.88 e corresponding soil capacity is ion torque rating aft. uring field axial ated to pile-soil rating" and the	FORMAT : A SCALE : NTS	GOLIATHTEC Helix Screw Pile of	CH PRESTIG	II) with a 09" and 11 S. NO : PI2780911 WN BY: G GN BY: LIATHTECH CK BY: DC BY: DC ER NO : PAGE : 3-09-07 1 T BE REPRODUCED OR COPIE	- Helix