							SPECI	AL MA	ST A	RM AS	SEMB	LIES D	ATA	TABLE								T	able Date	01-01-12
NUMBER □F	STRUCTURE		FIRST	ARM		FIRS	FIRST ARM EXTENSION				SECOND ARM				SECOND ARM EXTENSION				POLE					
LOCATIONS	NUMBER	FA(ft)	FB(in)	FC(in)	FD(in)	FE(ft)	FF(in)	FG(in)	FH(in)	SA(ft)	SB(in)	SC(in)	SD(in)	SE(ft)	SF(in)	SG(in)	SH(in)	UA(ft)	UB(ft)	UC(in)	UD(in)	UE(in)	UF(deg)	UG(ft)
1	1-2	35.6	8.27	13.25	0.375	34.4	12.22	17.00	0.5	28.8	6.97	11.0	0.25	27.2	10.22	14	0.375	25	22.0	18.53	22	0.5	270	0
2	1-4	38.1	8.16	13.5	0.5	34.4	12.22	17.00	0.5	38.1	8.16	13.5	0.5	34.4	12.22	17.0	0.5	25	22.0	20.53	24	0.5	270	0



	SPECIAL MAST ARM ASSEMBLIES DATA TABLE (CONT.)													T.	able Date	01-01-12						
STRUCTURE	FIR	RST ARM	CONNE	ECTION ((in)	First Arm Camber Angle = 2 Degrees						SECOND ARM CONNECTION (in)					Second Arm Camber Angle = 2 Degrees					
NUMBER	#Bolts	HT	FJ	FK	FL	FN	FO	FP	FR	FS	FT	#Bolts	HT	SJ	SK	SL	SN	S0	SP	SR	SS	ST
1-2	6	30	35	3.5	1.75	0.5	21.47	1.5	2.25	12.0	0.5	6	30	35	3.5	1.75	0.25	21.47	1.5	2.25	12.0	0.5
1-4	6	30	35	3.0	0.75	0.5	21.47	1.5	2.25	12.0	0.5	6	30	35	3.0	0.75	0.5	21.47	1.5	2.25	12.0	0.5
																			·			

					SI	PECIAL	. MAS	T ARM	ASSE	MBLIE	S DA	ΓΑ ΤΑΙ	BLE (CONT.)						1	Table Date	01-01-1
STRUCTURE	POLE	BASE	CONNEC	TION (in	ı)		SH	AFT ANI	D REINF					LUI	MINAIRE	AND LU	JMINAIRE	CONNE	CTION	•		
NUMBER	#Bolts	BA	BB	BC	BF	DA(ft)	DB(ft)	RA	RB	RC	RD(in)	LA(ft)	LB(ft)	LC(in)	LD(in)	LE	LF(ft)	LG(in)	LH(in)	LJ(in)	LK(in)	L(deg)
1-2	6	38	2.5	2	40	18.5	4.5	11	16	20	6											
1-4	6	40	2.5	2	40	18.5	5.0	11	19	20	6											

NOTES:

- 1. Work with Index 17745.
- 2. Design Wind Speed = 130mph
- 3. Contractor shall coordinate anchor bolt requirements with fabricator.
- 4. Contractor shall identify Structures Numbers and submit detailed shop drawings.

FOUNDATION NOTES:

- Design based on Borings taken by Dunkleberger Engineering and Testing Inc.
- 2. Assumptions and Values used in design:

Soil Type for poles: Clay
Soil Friction Angle = 29deg.
Soil Weight = 110pcf
Cohesion Strength = 1,400psf
Design Water Table is 0ft. below surface

	R E V IS IO N S										
DATF	DESCRIPTION	DATE	DFSCRIPTION								

MAP ENGINEERING CO. 550 N. REO STREET, SUITE 300 TAMPA, FL 33609 C.A. 6772 T.E.Slaughter,Jr.,P.E. Registration Number 38833



