

										TABLE	1: POST	AND SI	GNAL M	ASTARN	VI										
DESIGNATION KEY POST						OST DATA	4	BAS E PLATE			ANCHOR BOLT			SIGN AL MASTARM DATA				SIGN AL MASTARM ATTACHMENT							
	SIGNAL		LUMINAIRE	ARM (IF AN	Y)		2455			"C"	"F"	101	500	919			FIXED	FREE					nen.	"B"	"N"
centee	MASTARM		ARN	11	AR	M 2	BASE	WALL	LENGTH	_	BOLT	"G"	"K"	_	"H"	SPAN	END	END	WALL	LENGTH	"A"	"D"	"E"	BOLT	GUSSET
SERIES	SPAN	TYPE	570/1.5	SPAN	570.5	SPAN	DIA.	THK	LENGTH	SQ	CIRCLE	THK	DIA	LENGTH	HOOK	LENGTH	DIA	DIA	THK	(FT)	SQ	THK	BOLT	CTRS	THK
	(FT)		STYLE	(FT)	STYLE	(FT)	(IN)	(IN)		(IN)	(IN)	(IN)	(IN)	(IN)	(IN)		(IN)	(IN)	(IN)		(IN)	(IN)	SIZE	(IN)	(IN)
OP	14	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	10	3/16		14	131/2	1 1/2	1 1/2	55 3/4	6 1/4	14'-0"	7.0	5.0	3/16	14	14 1/2	1 1/4	1-8NC	11 1/2	1/4
OP	16	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	10	3/16		14	13 1/2	1 1/2	1 1/2	55 3/4	6 1/4	16'-0"	7.0	4.8	3/16	16	14 1/2	1 1/4	1-8NC	11 1/2	1/4
OP	18	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	10	3/16	Ī	14	131/2	1 1/2	1 1/2	55 3/4	6 1/4	18'-0"	7.0	4.5	3/16	18	14 1/2	1 1/4	1-8NC	11 1/2	1/4
OP	20	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	10	3/16	Ī	14	131/2	1 1/2	1 1/2	55 3/4	6 1/4	20'-0"	7.0	4.2	3/16	20	14 1/2	1 1/4	1-8NC	11 1/2	1/4
OP	22	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	11 1/2	3/16	1	15 1/2	15	1 1/2	1 1/2	55 3/4	6 1/4	22'-0"	7.0	3.9	3/16	22	16	1 1/4	1-8NC	13	1/4
OP	24	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	11 1/2	3/16	1	15 1/2	15	1 1/2	1 1/2	55 3/4	6 1/4	24'-0"	7.0	3.6	3/16	24	16	1 1/4	1-8NC	13	1/4
OP	26	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	11 1/2	3/16	1	15 1/2	15	1 1/2	1 1/2	55 3/4	6 1/4	26'-0"	7.0	3.4	3/16	26	16	1 1/4	1-8NC	13	1/4
OP	28	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	11 1/2	3/16	1	15 1/2	15	1 1/2	1 1/2	55 3/4	6 1/4	28'-0"	7.0	3.1	3/16	28	16	1 1/4	1-8NC	13	1/4
OP	30	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	13	3/16	1	18	17	1 1/2	1 1/2	55 3/4	6 1/4	30'-0"	9.0	4.8	3/16	30	16 1/2	1 1/2	1-8NC	13 1/2	1/4
OP	32	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	13	3/16	†	18	17	1 1/2	1 1/2	55 3/4	6 1/4	32'-0"	9.0	4.5	3/16	32	16 1/2	1 1/2	1-8NC	13 1/2	1/4
OP	34	NL. LR. MR. HR	A OR B	6-12	A OR B	6-12	13	3/16	†	18	17	1 1/2	1 1/2	55 3/4	6 1/4	34'-0"	9.0	4.2	3/16	34	16 1/2	1 1/2	1-8NC	13 1/2	1/4
OP	36	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	13	3/16	t	18	17	1 1/2	1 1/2	55 3/4	6 1/4	36'-0"	9.0	4.0	3/16	36	16 1/2	1 1/2	1-8NC	13 1/2	1/4
OP	38	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	13	1/4	1	18	17 1/2	13/4	1 3/4	84	6	38'-0"	10.0	4.7	3/16	38	18	1 1/2	1-8NC	15	1/4
OP	40	· · ·	A OR B		A OR B	6-12	13	1/4	ł	18	17 1/2	13/4	13/4	84	6	40'-0"		4.4	3/16	40	18	1 1/2	1-8NC	15	1/4
OP	40	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	13	1/4	1	18	17 1/2	13/4	13/4	84	6	40-0"	10.0	4.1	3/16	40	18	1 1/2	1-8NC	15	1/4
OP	44	NL, LR, MR, HR NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	13	1/4	1	18	17 1/2	13/4	13/4	84	6	44'-0"	10.0	3.8	3/16	44	18	1 1/2	1-8NC	15	1/4
					 			-	1		-	,		_		_	_		-			<u> </u>			-
OP	46	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	14	1/4	 	19	19	13/4	1 3/4	84	6	46'-0"	11.0	4.6	3/16	46	18	1 3/4	1-8NC	15 1/2	1/4
OP	48	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	14	1/4	E 2	19	19	13/4	1 3/4	84	6	48'-0"	11.0	4.3	3/16	48	18	1 3/4	1-8NC	15 1/2	1/4
OP	50	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	14	1/4	TABLE	19	19	13/4	1 3/4	84	6	50'-0"	11.0	4.0	3/16	50	18	1 3/4	1-8NC	15 1/2	1/4
OP	52	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	16	1/4	SEE T	20	20	13/4	1 3/4	84	6	52'-0"	12.0	7.8	1/4	30	22 1/2	2	1 1/2-6NC	18 1/2	5/16
									- 55				·				8.7	5.35	3/16	24					
OP	54	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	16	1/4		20	20	13/4	1 3/4	84	6	54'-0"	12.0	7.8	1/4	30	22 1/2	2	11/2-6NC	18 1/2	5/16
		,,,							1				/				8.7	5.07	3/16	26			-,-	,	
OP	56	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	16	1/4		20	20	13/4	1 3/4	84	6	56'-0"	12.0	7.8	1/4	30	22 1/2	2	11/2-6NC	18 1/2	5/16
		,,,						-, -	1			, .	,.		_		8.7	4.79	3/16	28	,-	_	,		-,
OP	58	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	16	1/4		20	20	13/4	1 3/4	84	6	58'-0"	12.0	7.8	1/4	30	22 1/2	2	1 1/2-6NC	18 1/2	5/16
<u> </u>		112, 21, 111, 111						-/-	1			/-	/ -		_		8.7	4.51	3/16	30			22,20.112		-,
OP	60	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	16	1/4		20	20	13/4	1 3/4	84	6	60'-0"	12.0	7.8	1/4	30	22 1/2	2	1 1/2-6NC	18 1/2	5/16
OF	00	NE, ER, WIR, HR	AONB	0-12	AORB	0-12	10	1/4		20	20	13/4	13/4	04		00-0	8.7	4.23	3/16	32	22 1/2	-	11/2-0140	10 1/2	3/10
OP	62	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	16	5/16		22	22	13/4	1 3/4	84	6	62'-0"	13.0	8.8	1/4	30	22 1/2	2	1 1/2-6NC	18 1/2	5/16
UF	62	INL, LN, IVIN, HN	AUND	0-12	AUND	6-12	10	5/10		22	22	15/4	1 5/4	04	0	62-0	9.7	4.95	3/16	34	22 1/2	-	11/2-6NC	10 1/2	5/16
OP	64	NI ID ME UD	A OR B	C 13	A 000 0	6.13	1.5	5/16		22	22	13/4	1 3/4	0.4	_	64'-0"	13.0	8.8	1/4	30	22.1/2	١,	11/2 (NC	10 1/2	5/16
UP	64	NL, LR, MR, HR	AURB	6-12	A OR B	6-12	16	5/16		22	22	15/4	1 3/4	84	0	64-0	9.7	4.67	3/16	36	22 1/2	2	11/2-6NC	18 1/2	5/16
OP	66	NL, LR, MR, HR	A OR B	6 12	A OR B	6-12	16	E/16		22	22	1 2 /4	1 3/4	84	6	66'-0"	13.0	8.8	1/4	30	22.1/2	2	1 1/2-6NC	10 1/2	5/16
UF	00	INL, LR, IVIR, FIR	AUNB	6-12	AUNB	6-12	16	16 5/16		22	22	13/4	1 5/4	13/4 84 0 86-0	00-0	9.7	4.39	3/16	38	22 1/2	2	11/2-6NC	18 1/2	5/16	
00		NI ID MD IID	A OP P	6.12	A OP P	6.13	1.5	F /4.5] '	22	22	1.2/4	4.2/4	0.4	-	COLOR	13.0	8.8	1/4	30	22.4/2	١,	4 4 /2 5 11 5	10.1/2	F /4 C
OP	68	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	16	5/16		22	22	13/4	1 3/4	84	6	68'-0"	9.7	4.11	3/16	40	22 1/2	2	1 1/2-6NC	18 1/2	5/16
OB	70	NI ID ME US	4.00.0	C 43	A CD D	C 43	1.5	E /4.5	[22		13/4	4.3/4	0.4	-	701.01	13.0	8.8	1/4	30	22.4/2	,	11/2 51/5	10.4/2	E /4.5
OP	70	NL, LR, MR, HR	A OR B	6-12	A OR B	6-12	16	5/16		22	22	13/4	1 3/4	84	6	70'-0"	9.7	3.83	3/16	42	22 1/2	2	1 1/2-6NC	18 1/2	5/16

TABLE 2: ELEVATIONS								
POLE	LUMINAIRE	POLE						
ELEVATION	MTG	SHAFT						
TYPE	HEIGHT	LENGTH						
NO								
LUMINAIRE		19'-0"						
(NL)								
LOW								
RISE	30'-0"	27'-0"						
(LR)								
MEDIUM								
RISE	35'-0"	32'-0"						
(MR)								
HIGH								
RISE	40'-0"	37'-0"						
(HR)								

DWN: CET		FIC SIGNAL STANDA PLAND PARK, KS	RD
DATE:8-10-10			
CHK: FRF	Millerbernd	MANUFACTURING CO.	780B661
SCALE: 1:128	WITHCIDCITIC	WINSTED, MN	SHEET 2 OF 2