



ITEM	PART #	MATERIAL	QTY	ITEM	PART #	MATERIAL	QTY
a1	4310	Insulator Pin Type (14.4kV)	8	bi	9232	Gain Plate	1
a2	4311	Insulator, clamp type, (24.9/14.4 KV)	4	bs	9363-14	Bolt, Upset 5/8" x 14	30
c1	9371-6	Bolt, Machine, 1/2" X 6"	8	cm	9472	Insulator Spool 4"	1
c2	9372	Bolt, Machine, 5/8" X Req'd Length	2	cu1	2030	Brace, Wood span 36"	4
d1	9098	Washer, Round, 1/2"	8	cu2	2035	Brace, Wood 60" Span	4
d2	9091	Washer, Square 2" X 2" X 11/16"	26	ek	9094	Locknut, 1/2"	8
d3	9091-4	Washer, Square 4 X 4 13/16"	4	ek	9096	Locknut, 5/8"	18
d4	9092	Washer, Curred, 3x3 11/16"	1	ek	9097	Locknut, 3/4"	4
f	4375	Pins, Crossarm Saddle	12	rp	4715	Salisbury Coverup	16'
g1	4120	Wood Crossarm, 3 5/8"X4 5/8"X8'-0"	2	rp2	4674	Perch Guard 24"	10
g2	4090	Wood Crossarm, 3 5/8"X4 5/8"X10'-0"	2	rp5	4780	Perch Guard 30" ZENA	2
n1	9363-	Bolt, (Double Arming) 5/8" X Req'd Length	8	rp7	4769	Perch Guard, Extender	12
n2	9364-	Bolt, ( Double Arming) 3/4" X Req'd Length	2	rp8	4740	Perch Guard Pole Top Cone	1

**DESIGN PARAMETERS:**

1. Maximum line angle: 2° - Larger than #1/0

**NOTES :**

1. Conductor cover up (rp) to extend 3' beyond each insulator.

**DOUBLE PRIMARY SUPPORT ON CROSSARMS  
(TANGENT) (LARGE CONDUCTORS)  
DOUBLE CIRCUIT PRIMARY  
24.9/14.4 kV**

**RUS**  
**11/7/2017**  
**REV. B**



**VD2.90LRG**