



ITEM	MATERIAL	QTY	ITEM	MATERIAL	QTY
a	Insulator, pin type, (24.9/14.4 KV)	6	j	Screw, lag, 1/2" x 4"	3
c1	Bolt, machine, 1/2" x req'd length	2	cm	Insulator, spool, 3"	1
c2	Bolt, machine, 5/8" x req'd length	3	cu	Brace, 28"	2
d1	Washer, round, 1 3/8"	2	cu	Brace, wood 60" span	1
d2	Washer, square, 2 1/4"	6	ec	Bracket, offset, neutral	1
f	Pin, crossarm, steel, clamp type	6	ek	Locknuts	8
g1	Crossarm, 3 5/8" x 4 5/8" x 8'-0"	1	rp1	Perch guard 36"	2
g2	Crossarm, 3 5/8" x 4 5/8" x 10'-0"	1	rp5	Perch guard 30" ZENA	1
i	Bolt, carriage, 3/8"x4 1/2"	2	rp4	Perch guard 12"	1

NOTES:

**DESIGN PARAMETERS:**

**MAXIMUM LINE ANGLES:**

**2° - LARGER THAN #1/0**

**POLE SHOWN-40-4**

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

RUS		VD1.82LRG
06/03/08		
REV. 0		