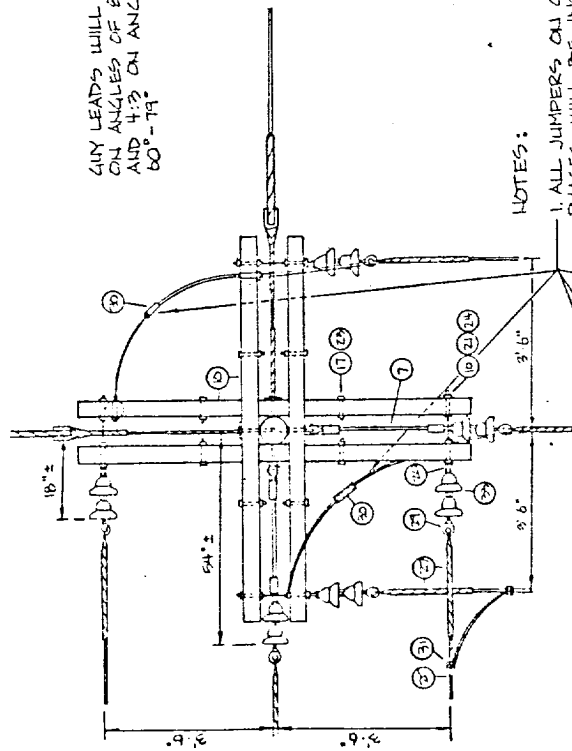


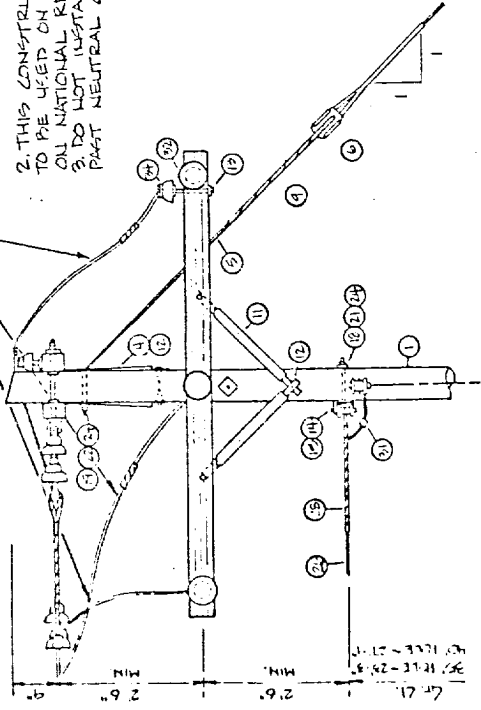


GUY LEADS WILL BE 1:1 ON ANGLES OF 80°-90° AND 4:3 ON ANGLES OF 60°-79°

NOTES:

1. ALL JUMPERS ON CONDUCTOR PHASES WILL BE INSULATED TYPE WIRE.

2. THIS CONSTRUCTION STANDARD TO BE USED ON ALL LINES BUILT ON NATIONAL RESOURCE LANDS. DO NOT INSTALL GROUND WIRE PART NEUTRAL CONDUCTOR.



MATERIALS		
ITEM	DESCRIPTION LENGTH, CLAS	REQD
1	POLE 18" x 18"	1
2	ANCHOR ROD 5/8" x 7'	2
3	ANCHOR ATTACHMENT PLATE	2
4	GUY CABLE 7/16" 114'	24
5	GUY INSULATOR 500	2
6	FLAT IRON POINT KEARNEY 32205-24	2
7	CLAMP 3/4" POLT	2
8	GUY CLAMP 3/4"	4
9	CROSS ARM 1/2"	8
10	BRACE 3/8" x 5/16"	8
11	LAG SCREW 1/2"	2
12	STEEL PIN 5/16" x 5"	2
13	BACK IRON POINT	2
14	SHOUL INSULATOR 34	2
15	POLT DIA 5/8" x 10"	8
16	POLT DIA 5/8" x 4 1/2"	8
17	POLT DIA 5/8" x 12"	2
18	POLT DIA 5/8" x 12"	2
19	EYE NUT 5/8"	2
20	WASHER 3/4" FLAT	2
21	WASHER 3/4" CURVED	2
22	LOCK NUT 5/8"	8
23	LOCK NUT 5/8"	8
24	PHASE CONDUCTOR NO.	—
25	NEUTRAL CONDUCTOR NO.	—
26	PHASE DE NO.	—
27	PHASE DE NO.	—
28	PHASE DE NO.	—
29	PHASE DE NO.	—
30	JUMPER SLEEVE NO.	—
31	CONDUCTOR 150 CM AL	—
32	INSULATOR 60 DIA	12
33	TIE WIRE NO. 6 AL	1/2
34	TIE WIRE NO. 6 AL	1/2

DATE: 7-15-77

DRAWN BY: L. HOFFMILL

DESIGN BY:

CHECKED BY: SK

APPROVED BY: SK

SCALE: 1/2" = 1'-0"

TITLE: PRIMARY ANGLE STRUCTURE
60°-90° 12,500 VOLT ALR

CONOCO

PRODUCTION DEPT. HOBBS DIVISION

JOB: DRAWING NO: ES-27

ELEC. SPECS.