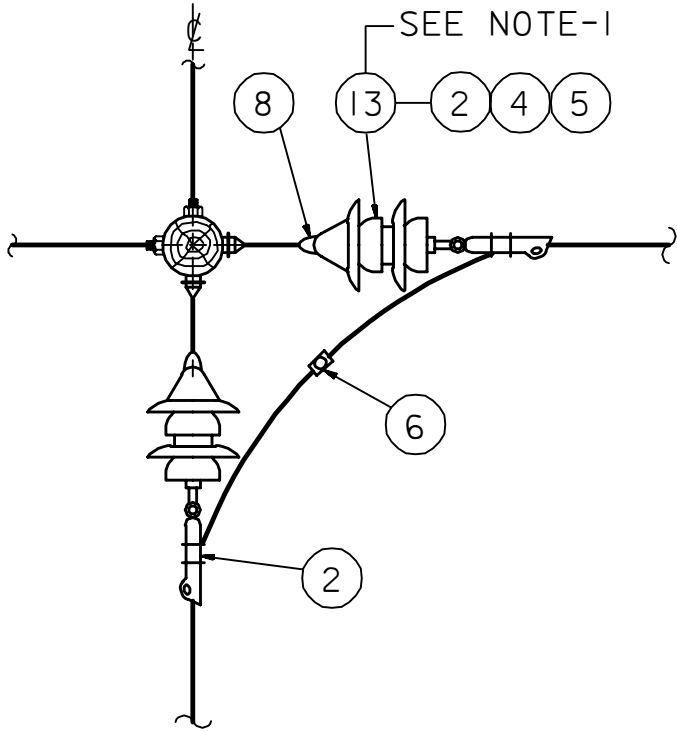
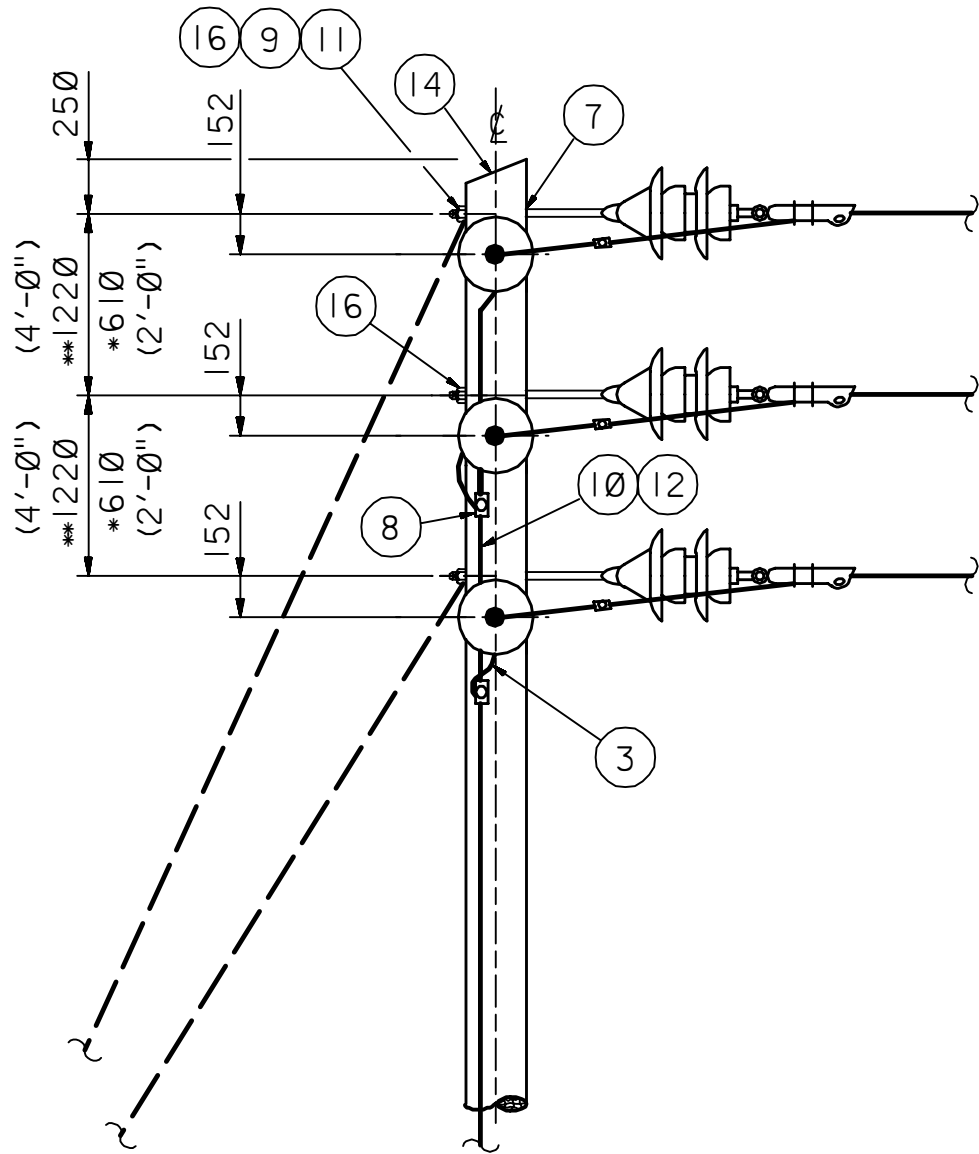


03	001	AC-036022	P	990	PLANT NO.
REV. NO.	SHT. NO.	DRAWING NUMBER	INDEX	PLANT NO.	



PLAN



FRONT ELEVATION

LIST OF MATERIAL

ITEM NO.	NO. REQ'D.	AMS STOCK NUMBER	DESCRIPTION
1	12	14-489-318	BOLT: MACHINE; 5/8 " x 16" LONG
2	6	14-506-285	CLAMP: STRAIN; FOR #4 THRU 2/0 ACSR
3	12'	14-659-420	WIRE: #4 COPPER; DEAD SOFT
4	6	14-513-215	CLEVIS: BALL
5	6	14-629-XXX	SOCKET: EYE
6	5	14-112-368	CONNECTOR: COMPRESSION; #4 THRU 2/0 ACSR
7	8	14-535-135	EYENUT: 5/8 "
8	3	14-112-769	CONNECTOR: COMPRESSION; 5/16 " COPPERWELD
9	12	10-900-214	WASHER: SPRING; FOR 5/8 " BOLT
10	80'	15-044-438	GROUND WIRE: 5/16 " COPPERWELD
11	16	10-888-370	WASHER: CURVED; FOR 5/8 " BOLT
12	50	14-631-133	STAPLES: GROUND WIRE; COPPERWELD
13	12	14-386-036	INSULATOR: SUSPENSION; ANSI CLASS 52-3,B/S
14	1	14-602-XXX	POLE: WOOD
15	6	14-568-347	LINK: EXTENSION; 14" LONG
16	6	14-505-573	CLAMP: GROUNDING; 5/8 "

NOTES:

1. USE 2 INSULATORS (ITEM 13) FOR 13.8 KV AND 3 FOR 34.5 KV CONSTRUCTION.
2. FOR GUYING SEE GUY AND ANCHOR DRAWINGS.
3. FOR INSULATOR ATTACHMENT, GROUNDING AND BONDING SEE DWG'S. AD-036131 AND AD-036498.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
5. FOR CONDUCTOR SIZES OF 336.4 MCM OR LARGER A THIRD GUY MUST BE ADDED.

DRAWING RESPONSIBILITY:
ELECT. STD. REVIEW COMMITTEE

REV. NO.	DATE	BY	JO/EWO	DESCRIPTION	CHKD.	CERT.	APPD.
03	DEC 95	ESSD CAB		GEN. REVISION. CHNG'D. MANDATORY TO DWG. RESPONSIBILITY.			
02	AUG 94	ESSD CAB		REVISED BILL OF MATERIAL & NOTES.	ORIGINAL SIGNED	ORIGINAL SIGNED	ORIGINAL SIGNED
01	06-02-87	RLO		REDRAWN, CHANGED DWG. SIZE FROM "D" TO "C" SIZE AND ADDED MANDATORY DWG. NOTE.			

SAUDI ARABIAN OIL COMPANY

DRAWN BY LEMCO CHECKED BY NAK 11/86 SCALE NONE
DATE STARTED 11-05-82 DATE COMPLETED _____
OPR'G. DEPT. _____ ENG. DEPT. _____
APP'D FOR CONSTR. _____

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED
CERTIFIED BY _____ DATE _____

ARMLESS CONSTRUCTION

ANGLE STRUCTURE, 60°-90°

2.4, 4.16, 13.8, AND 34.5 KV

STD. DWG.

PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
990	P	AC-036022	001	03