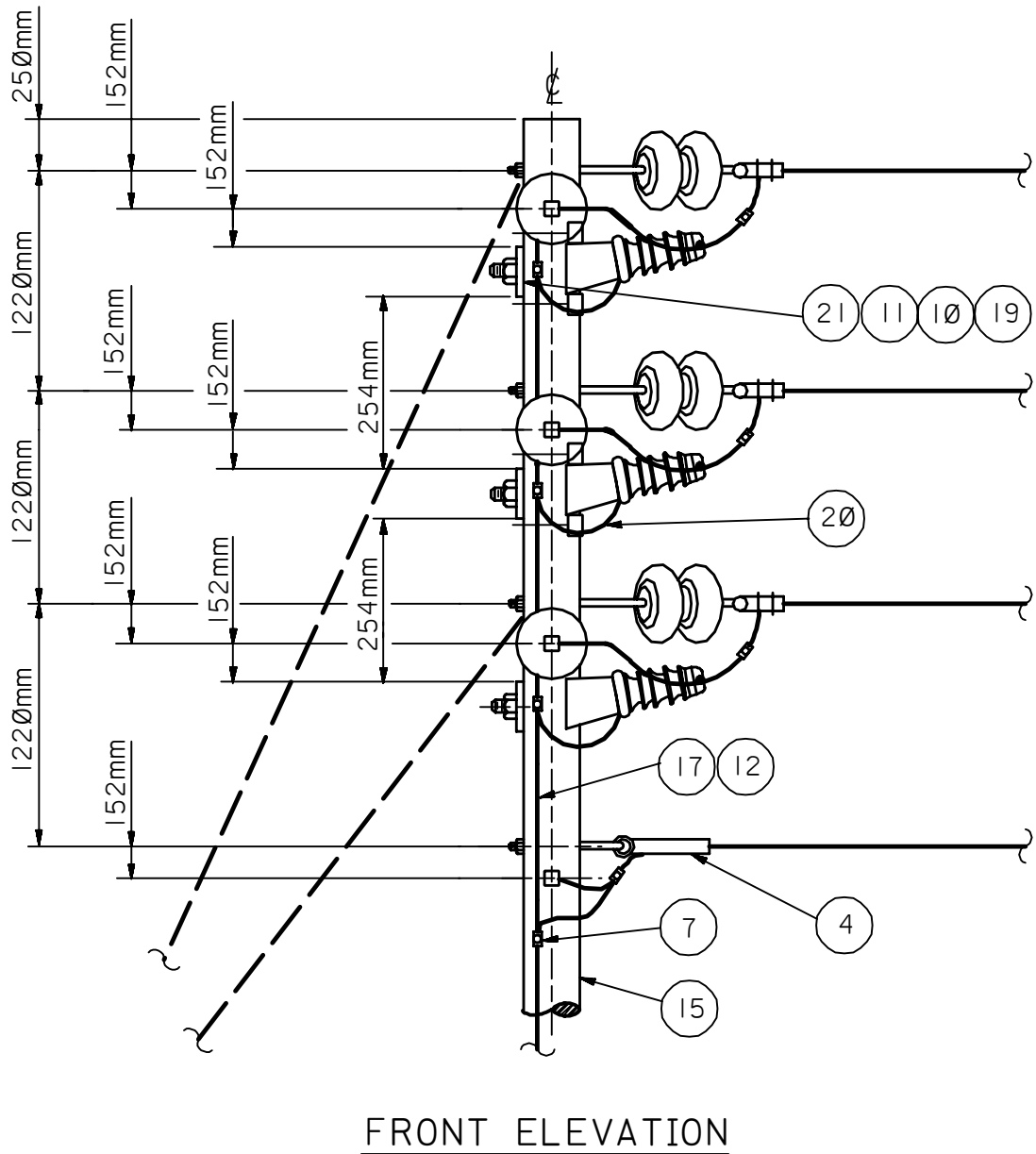
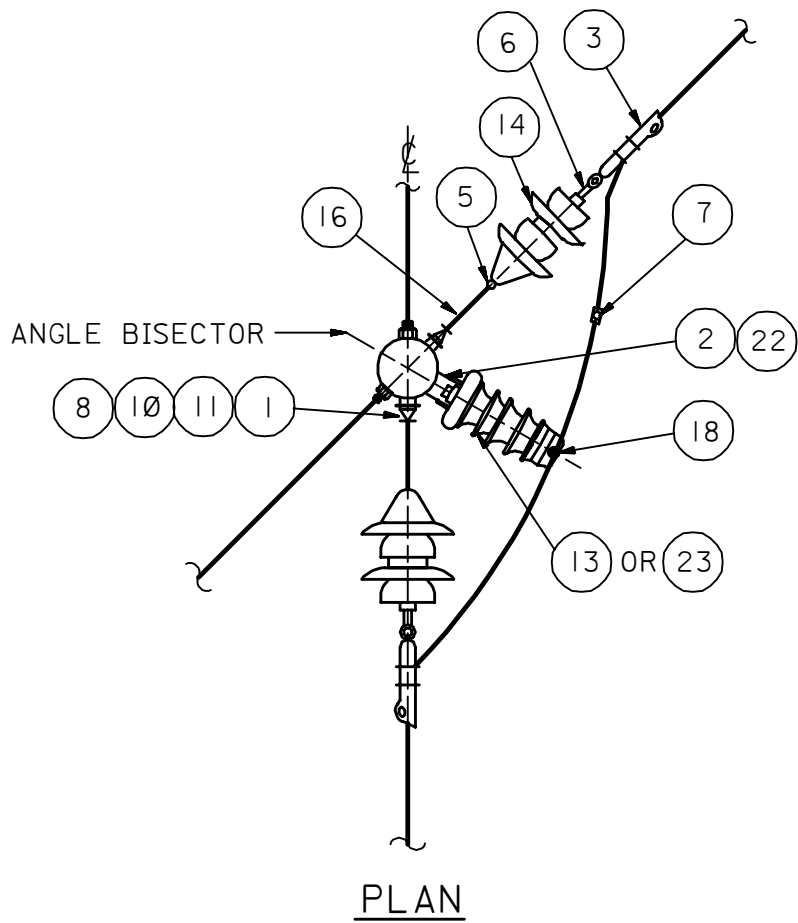


03	001	AC-036102	P	990	PLANT NO.
REV. NO.	SHT. NO.	DRAWING NUMBER	INDEX	PLANT NO.	



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	3	14-497-600	BRACKET: INSULATOR WITH BONDING CLIP
3	6	14-506-285	CLAMP: STRAIN; FOR CONDUCTOR SPECIFIED
4	2	14-506-XXX	CLAMP: STRAIN; FOR NEUTRAL SPECIFIED
5	6	14-513-215	CLEVIS: BALL
6	6	14-629-103	SOCKET: EYE
7	5	14-112-769	CONNECTOR: COMPRESSION; AS REQUIRED
8	8	14-535-135	EYENUT: 5/8 " DIA.
9	4	14-112-769	CONNECTOR: COMPRESSION; 5/16 " COPPERWELD
10	18	10-900-214	WASHER: SPRING; FOR 5/8 " BOLT
11	22	10-889-280	WASHER: CURVED; FOR 5/8 " BOLT
12	50	14-631-133	STAPLES: GROUND WIRE; COPPERWELD
* 13		14-384-415	INSULATOR: LINE POST; TIE TOP
** 14		14-386-036	INSULATOR: SUSPENSION; ANSI CLASS 52-3,B/S
15	1	14-602-XXX	POLE: WOOD
16	6	14-568-347	LINK: EXTENSION; 14" LONG
17	85'	15-044-438	GROUND WIRE: 5/16 " COPPERWELD
18	3	14-641-XXX	WIRE: SIDE TIE; PREFORMED; AS REQUIRED
19	6	14-505-573	CLAMP: GROUNDING; 5/8 "
20	12'	14-659-420	WIRE: #4 COPPER; DEAD SOFT
21	6	14-489-313	BOLT: MACHINE; 5/8 " x 14" LONG
22	3	14-384-630	STUD: POST INSULATOR; 3/4 " x 1 3/4 "
** 23		14-384-300	INSULATION: POST

* 13.8 KV BELOW CONSTRUCTION
** 34.5 KV CONSTRUCTION

NOTES:
1. USE 3 INSULATORS (ITEM 14) PER PHASE 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-036136.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

DRAWING RESPONSIBILITY:
ELECT. STD. REVIEW COMMITTEE

03	DEC95	ESSD CAB	GEN. REVISION. CHNG'D. MANDATORY TO DWG. RESPONSIBILITY.			
02	AUG 94	ESSD CAB	REVISED LIST OF MATERIAL AND NOTES.	ORIGINAL SIGNED	ORIGINAL SIGNED	ORIGINAL SIGNED
01	04-06-87	RLO	REDRAWN, CHANGED DWG. SIZE FROM "D" TO "C" SIZE AND ADDED MANDATORY DWG. NOTE.			
REV. NO.	DATE	BY	JO/EWO	DESCRIPTION	CHKD.	CERT. APPD.

SAUDI ARABIAN OIL COMPANY

DRAWN BY LEMC0 CHECKED BY NAK 11/86 SCALE NONE
DATE STARTED 11-11-82 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, 30°-60°
2.4, 4.16, 13.8, AND 34.5 KV

STD. DWG.

PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
990	P	AC-036102	001	03