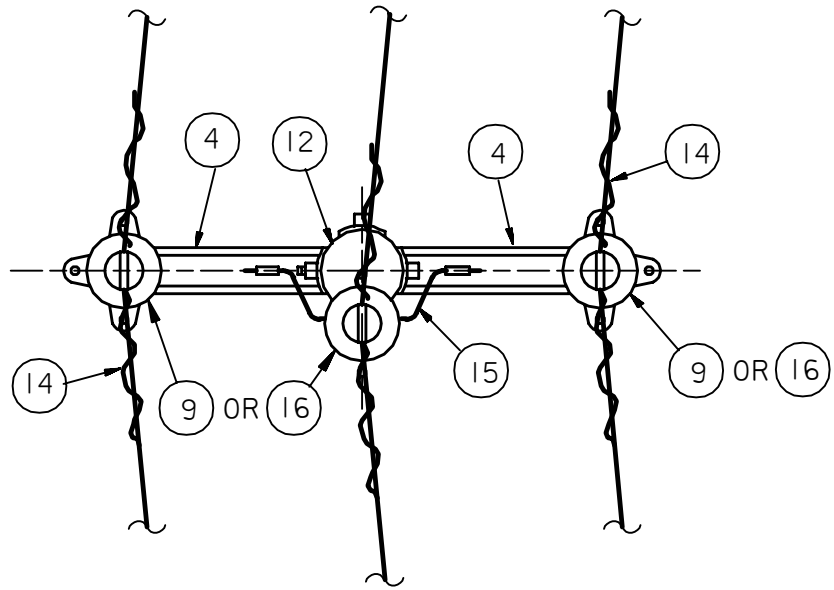
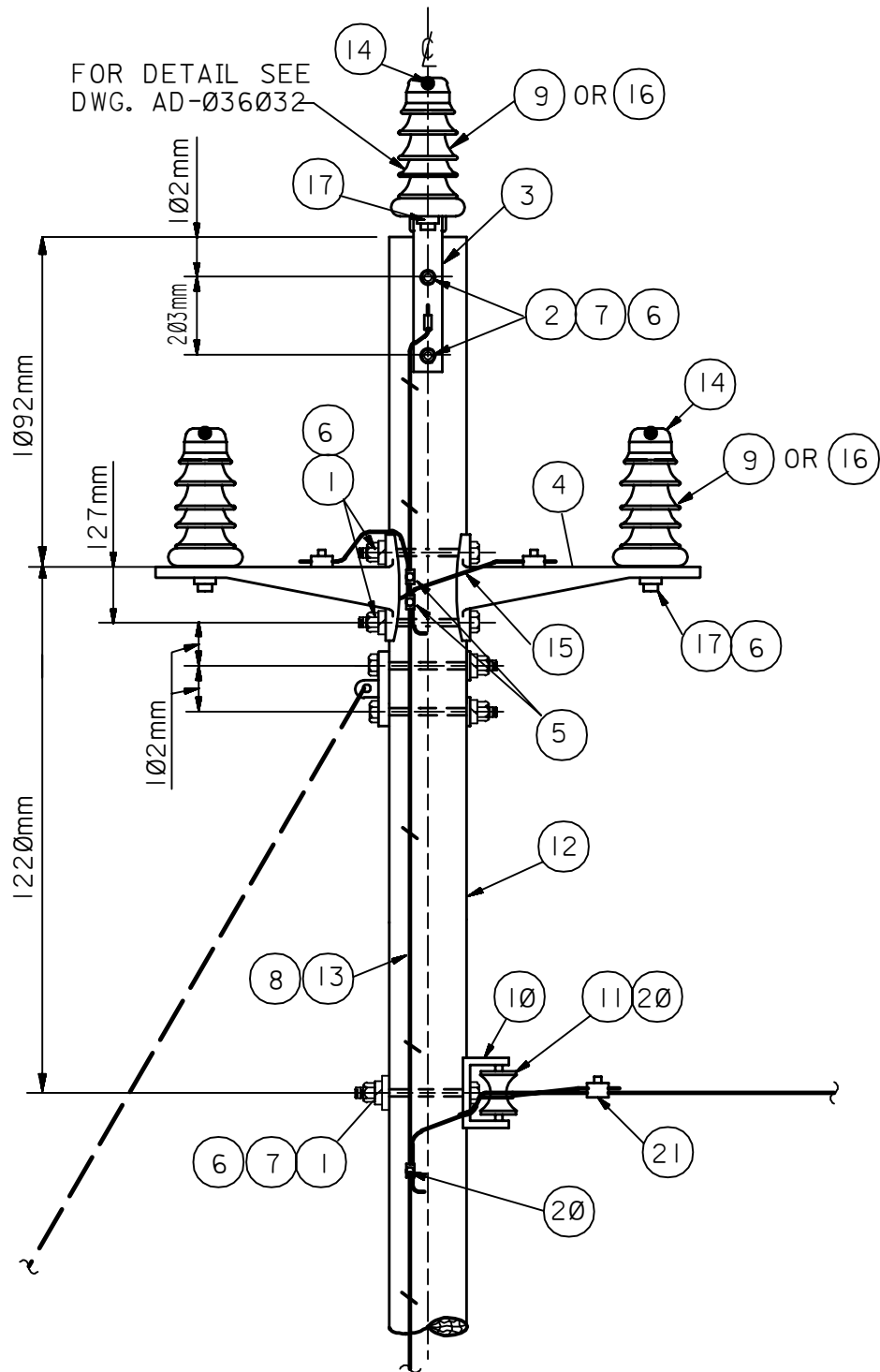


20	100	AC-036085	P	990
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.



PLAN

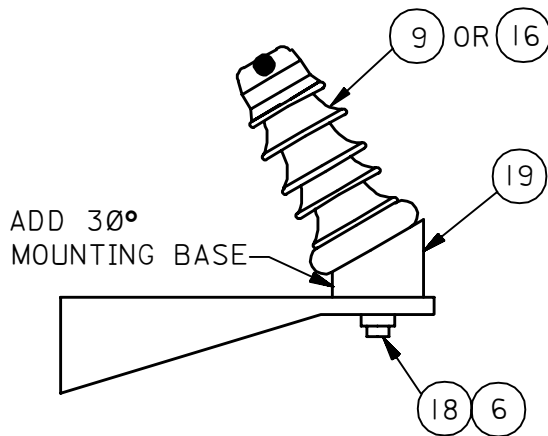


FRONT ELEVATION

LIST OF MATERIAL			
ITEM NO.	NO. REQ'D.	AMS STOCK NUMBER	DESCRIPTION
1	3	14-489-XXX	BOLT: MACHINE; 5/8 " x 14" LONG
2	2	14-489-XXX	BOLT: MACHINE; 5/8 " x 12" LONG
3	1	XX-XXX-XXX	BRACKET: POLE TOP WITH BONDING CLIP
4	2	XX-XXX-XXX	BRACKET: INSULATOR TOP WITH BONDING CLIP
5	3	14-112-769	CONNECTOR: COMPRESSION; 5/16 " COPPERWELD
6	5	10-900-XXX	WASHER: SPRING; FOR 5/8 " BOLT
7	3	10-889-XXX	WASHER: CURVED; FOR 5/8 " BOLT
8	50	14-631-133	STAPLES: GROUND WIRE; COPPERWELD
**	9	14-384-415	INSULATOR: LINE POST; TIE TOP
10	1	14-346-736	RACK: SECONDARY; SINGLE SPOOL
11	1	14-385-486	INSULATOR: SPOOL
12	1	14-602-XXX	POLE: WOOD
13	80'	15-044-438	GROUND WIRE: 5/16 " COPPERWELD
14	3	14-641-XXX	WIRE: SIDE TIE; PREFORMED; AS REQUIRED
15	5'	14-659-420	WIRE: #4 COPPER; DEAD SOFT
***	16	14-384-300	INSULATOR: LINE POST; TIE TOP
17	3	14-384-630	STUD: POST INSULATOR; 3/4 " x 1 3/4 "
*	18	14-489-283	BOLT: MACHINE; 5/8 " x 2" LONG
*	19	14-384-620	MOUNTING BASE: 30°
20	1	14-641-XXX	WIRE: SPOOL TIE; PREFORMED; AS REQUIRED
21	1	14-112-XXX	CONNECTOR: COMPRESSION; AS REQUIRED

- * ADD FOR CANTED INSULATORS
** 13.8 KV BELOW CONSTRUCTION
*** 34.5 KV CONSTRUCTION

OMIT SECONDARY RACK AND ASSOCIATED HARDWARE FOR SYSTEMS NOT REQUIRING A NEUTRAL.



DETAIL-1
30° MOUNTING BASE

- NOTES:
- PREFERRED CONSTRUCTION.
 - FOR GROUNDING AND BONDING SEE DWG. AD-036131 AND AD-036135.
 - FOR GUYING SEE GUY AND ANCHOR DRAWINGS.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

DRAWING RESPONSIBILITY:						
ELECT. STD. REVIEW COMMITTEE						
02	DEC95	ESSD CAB		GEN. REVISION. CHNG'D. MANDATORY TO DWG. RESPONSIBILITY.		
01	04-11-87	RLO		REDRAWN, CHANGED DWG. SIZE FROM "D" TO "C" SIZE AND ADDED MANDATORY DWG. NOTE	ORIGINAL SIGNED	ORIGINAL SIGNED
REV. NO.	DATE	BY	JO/EWO	DESCRIPTION	CHKD. CERT.	APPD.
SAUDI ARABIAN OIL COMPANY						
DRAWN BY <u>LEMCO</u> CHECKED BY <u>NAK 11/86</u> SCALE <u>NONE</u>						
DATE STARTED <u>11-09-82</u> 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, 0°-15°						
2.4, 4.16, 13.8, AND 34.5 KV						
STD. DWG.				METRIC		
PLANT NO.	INDEX	DRAWING NUMBER			SHT. NO.	REV. NO.
990	P	AC-036085			001	02