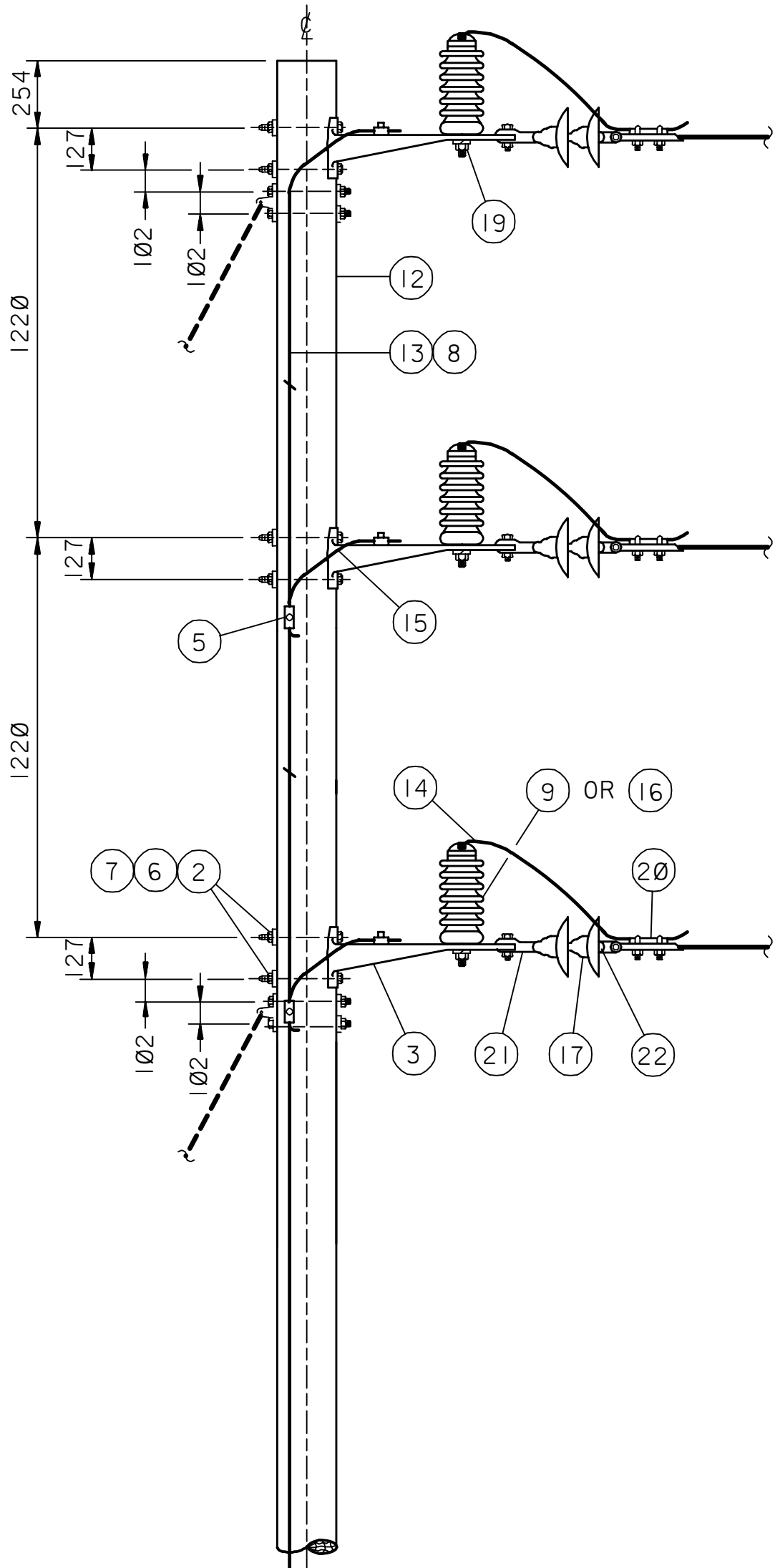
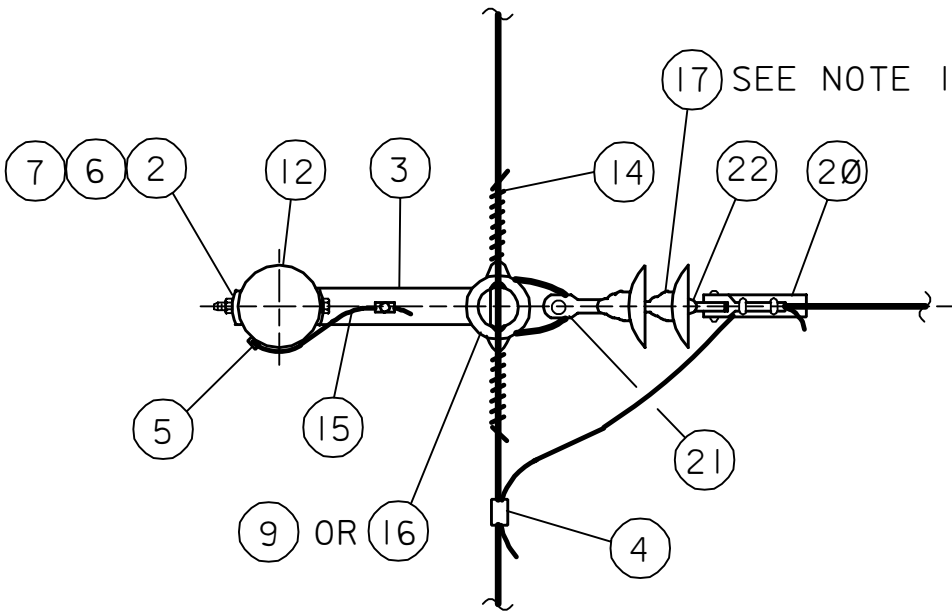


00	100	AC-036112	P	990
REV. NO.	SHT. NO.	DRAWING NUMBER	INDEX	PLANT NO.



BILL OF MATERIAL				
ITEM NO.	NO. REQ'D.	AMS STOCK NUMBER	DESCRIPTION	
1	1	14-489-313	BOLT: MACHINE; 5/8 " x 14"; LONG	
2	6	14-489-308	BOLT: MACHINE; 5/8 " x 12"; LONG	
3	3	XX-XXX-XXX	BRACKET: VERTICAL INSULATOR, WITH BONDING CLIP	
4	5	14-112-XXX	CONNECTOR: COMPRESSION; AS REQUIRED	
5	3	14-112-769	CONNECTOR: COMPRESSION; 5/16 " COPPERWELD	
6	7	10-891-214	WASHER: SPRING; FOR 5/8 " BOLT	
7	7	10-889-282	WASHER: CURVED; FOR 5/8 " BOLT	
8	50	14-631-133	STAPLES: GROUNDED WIRE; COPPERWELD	
* 9	3	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	GROUNDED WIRE: 5/16 " COPPERWELD	
14	3	14-641-XXX	WIRE: TOP TIE; PREFORMED; AS REQUIRED	
15	4'	14-659-420	WIRE: NO.4 COPPER; DEAD SOFT	
** 16	3	14-384-300	INSULATOR: LINE POST, TIE TOP	
* 17	6	XX-XXX-XXX	INSULATOR: SUSPENSION, ANSI CLASS 52-3, B/S	
** 18	15	XX-XXX-XXX	INSULATOR: SUSPENSION, ANSI CLASS 52-3, B/S	
19	3	14-384-630	STUD: POST INSULATOR, 3/4 " x 1- 3/4 "	
20	3	14-506-XXX	CLAMP: STRAIN FOR CONDUCTOR	
21	3	14-513-215	CLEVIS: BALL	
22	3	14-629-XXX	SOCKET: EYE	
23	1	14-531-XXX	GRIP: PREFORMED, AS REQUIRED	
24	1	14-641-XXX	WIRE: SPOOL TIE, PREFORMED, AS REQUIRED	

* 13.8 KV AND BELOW CONSTRUCTION
** 34.5 KV CONSTRUCTION
OMIT NEUTRAL WIRE HARDWARE FOR SYSTEM NOT REQUIRING A NEUTRAL.
REQUIREMENTS BASED ON INSTALLING 60', CLASS 2 POLE.



- NOTES:
1. USE 5 INSULATORS (ITEM 17) FOR 34.5 KV CONSTRUCTION.
 2. FOR GROUNDING & BONDING SEE DRAWINGS AD-036131 AND AD-036135.
 3. FOR GUYING SEE GUY AND ANCHOR DRAWINGS.
 4. IF SWITCHING OR FUSING IS DESIRED ON TAP CIRCUIT, INSTALL ON ADJACENT STRUCTURE.
 5. PREFERRED CONSTRUCTION.
 6. 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.
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						
3 PHASE TAP STRUCTURE						
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-036112		001	00	