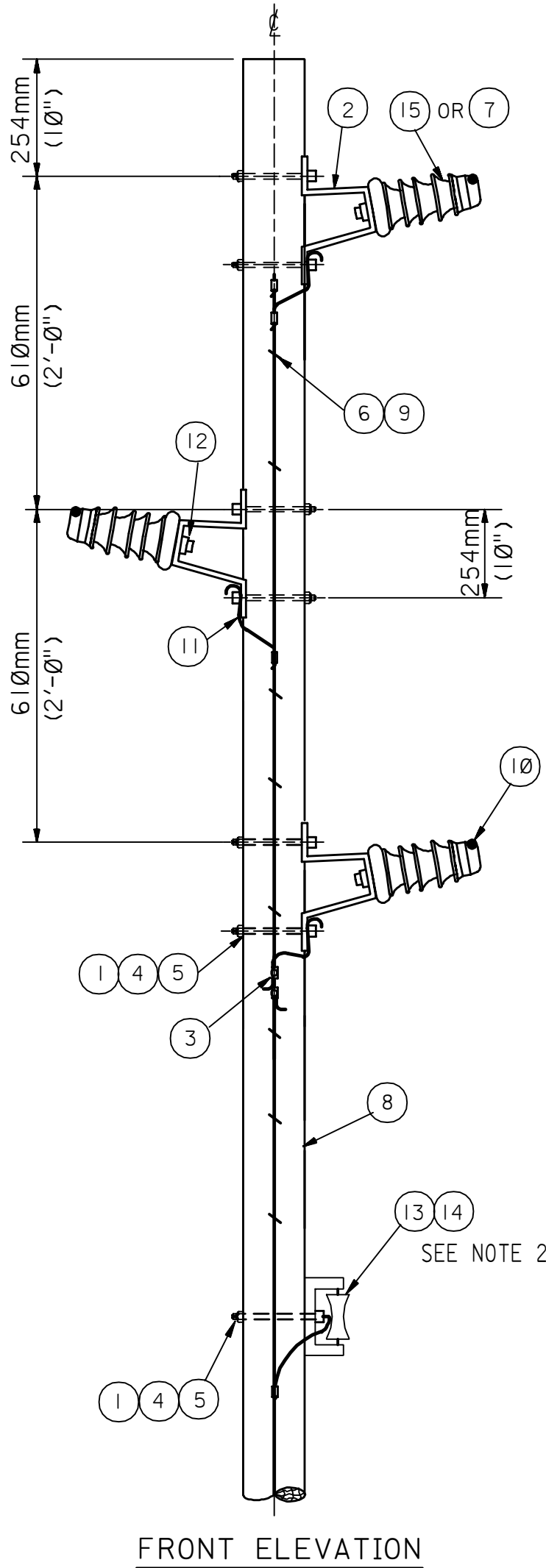


990	P	AC-036079	001	03
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.



BILL OF MATERIAL				
ITEM NO.	NO. REQ'D.	AMS STOCK NUMBER	DESCRIPTION	
1	7	14-489-313	BOLT: MACHINE; 0.6" x 14" LONG	
2	3	14-497-600	BRACKET: INSULATOR WITH BONDING CLIP	
3	3	14-112-763	CONNECTOR: COMPRESSION; LINE TAP	
4	7	10-891-214	WASHER: SPRING; FOR 5/8 " BOLT	
5	7	10-889-280	WASHER: CURVED; FOR 5/8 " BOLT	
6	50	14-631-133	STAPLES: GROUND WIRE; COPPERWELD	
7	3	14-384-415	INSULATOR: HOR. LINE POST; TIE TOP FOR 13.8 KV AND BELOW CONSTRUCTION	
8	1	14-602-XXX	POLE: WOOD, LENGTH AS REQUIRED	
9	80'	14-659-420	GROUND WIRE: #4 COPPER; DEAD SOFT	
10	3	14-641-805	TIE: SIDE	
11	5'	14-659-420	WIRE: #4 COPPER; DEAD SOFT	
12	3	14-384-630	STUD: POST INSULATOR; 3/4 " x 1 3/4 "	
13	1	14-346-736	RACK: SECONDARY, SINGLE SPOOL	
14	1	14-346-710	INSULATOR : SPOOL	
15	3	14-384-300	INSULATOR : POST FOR 34.5 KV	

* FOR 34.5 KV CONSTRUCTION

NOTES:

1. FOR GROUNDING AND BONDING SEE DWG. AD-036131 AND AD-036135.

2. OMIT NEUTRAL HARDWARE FOR SYSTEMS NOT REQUIRING A NEUTRAL.

DRAWING RESPONSIBILITY:

ELECT. STD. REVIEW COMMITTEE

03	DEC95	ESSD CAB		GEN. REVISION. CHNG'D. MANDATORY TO DWG. RESPONSIBILITY.			
02	AUG 94	ESSD CAB		REVISED DETAIL & LIST OF MATERIAL AND NOTES.	ORIGINAL SIGNED	ORIGINAL SIGNED	ORIGINAL SIGNED
01	04-07-87	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 LEMCO CHECKED BY NAK 11/86 SCALE NONE

DATE STARTED 11-08-82 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

TANGENT STRUCTURE, 00-20

2.4, 4.16, 13.8 AND 34.5 KV

STD. DWG.

PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
990	P	AC-036079	001	03