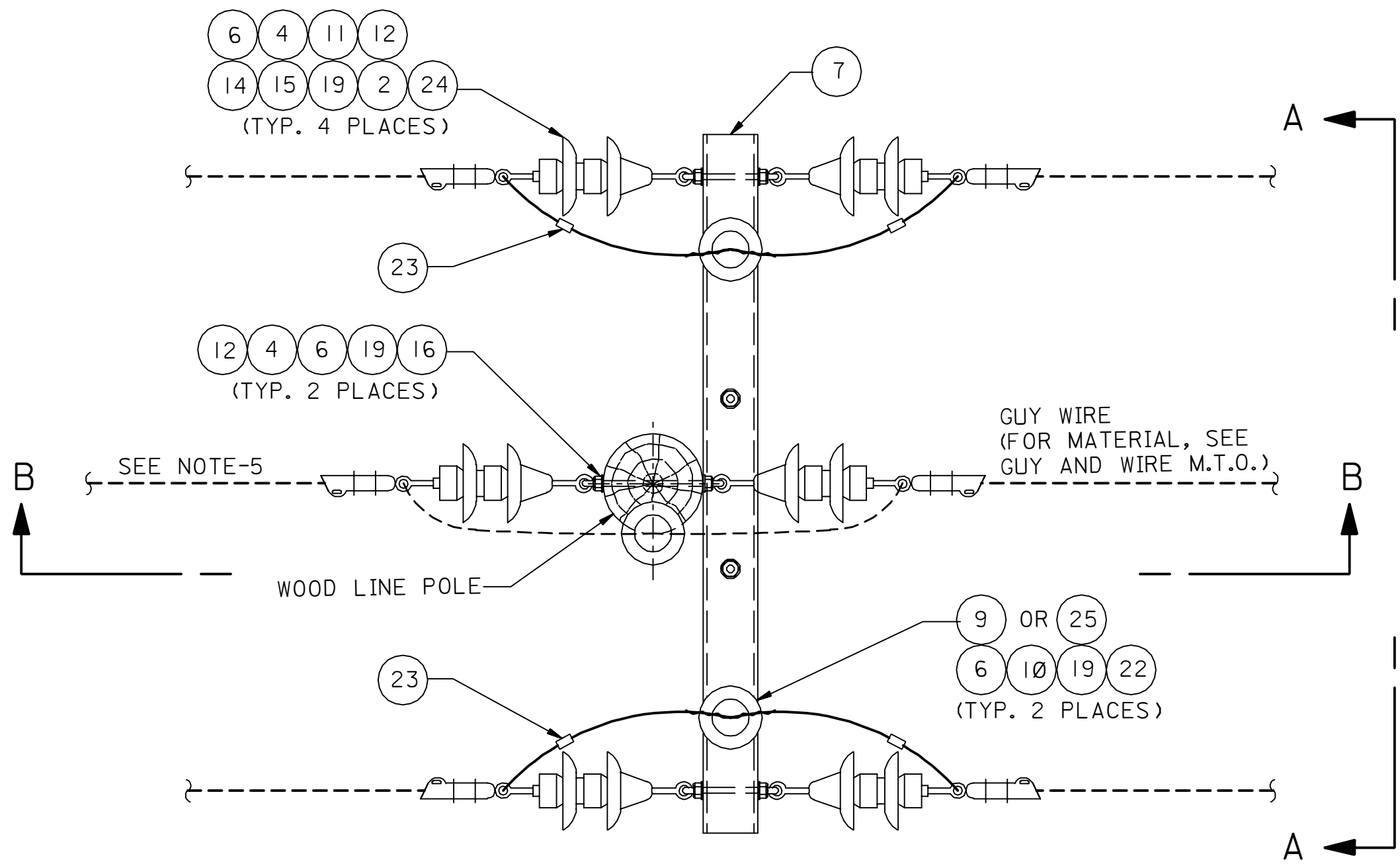
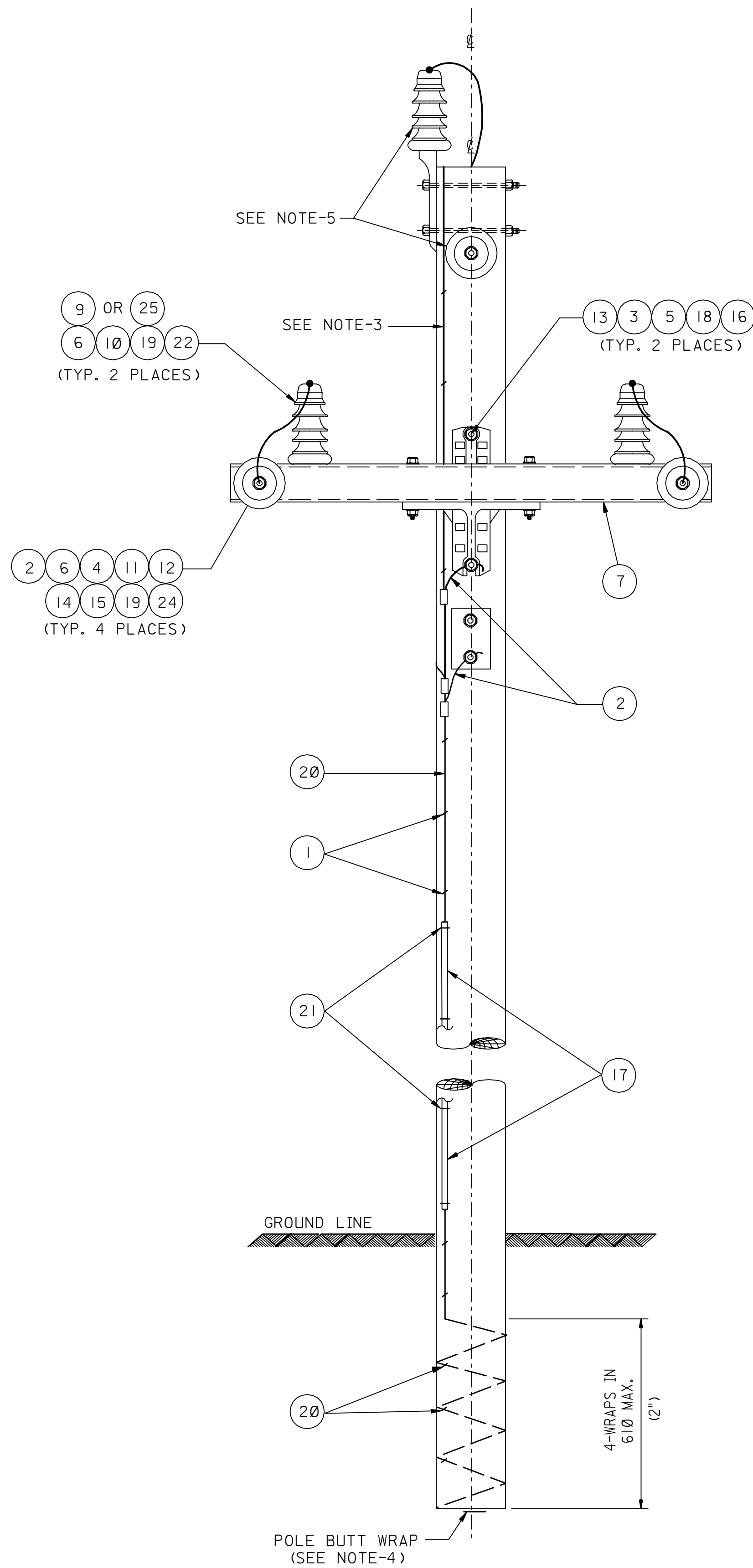


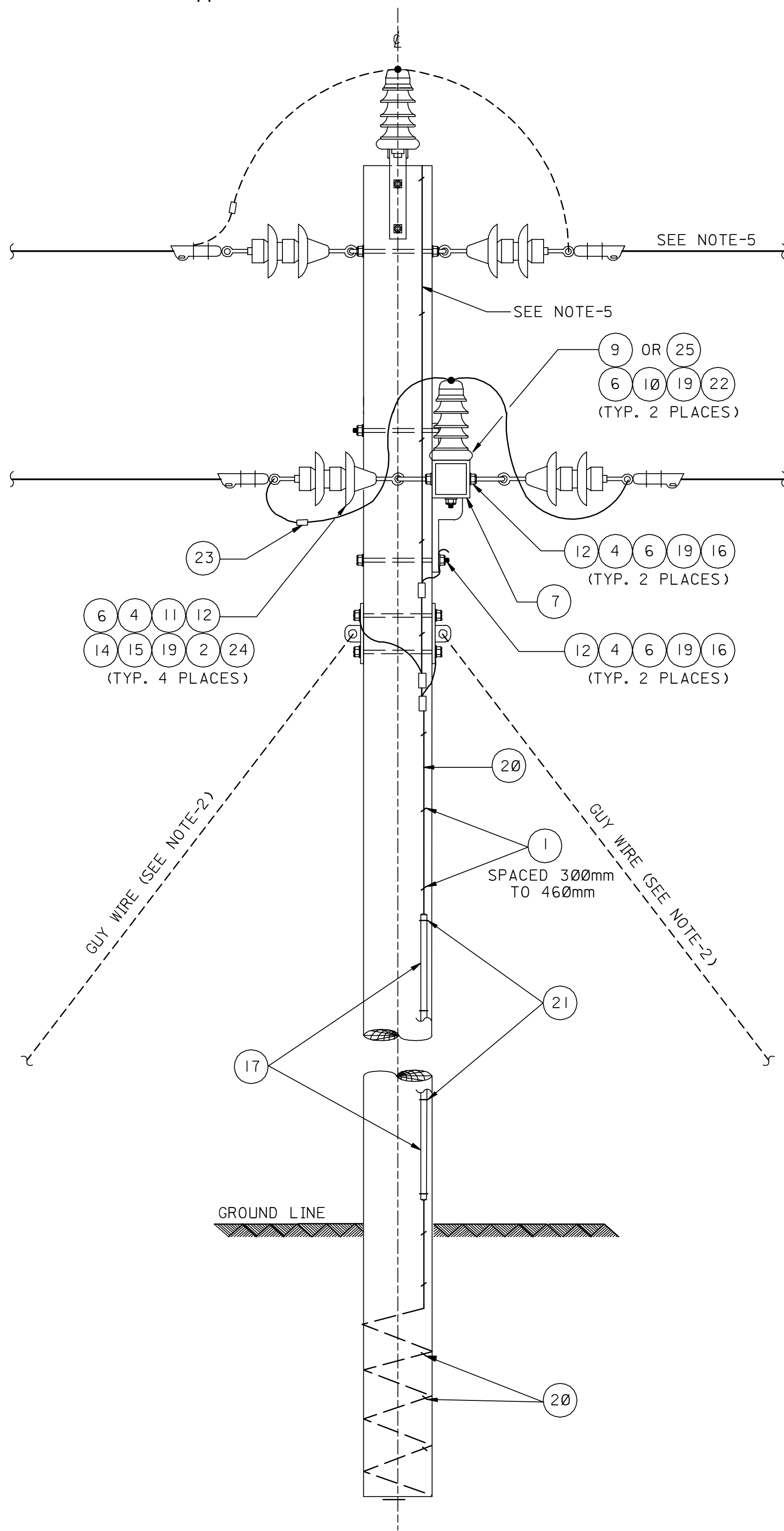
03	001	5AA-036015	P	096
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.



P L A N



S E C T I O N A - A



S E C T I O N B - B

BILL OF MATERIAL				
ITEM NO.	AMS CAT. NO.	ISSUE UNIT	QTY.	DESCRIPTION
1	14-659-420	FT	100	WIRE: GROUND, #4 SOFT COPPER STRANDED
2	14-629-XXX	EA	* 4	EYE: SOCKET
3	10-889-XXX	EA	* 8	WASHER: FLAT FOR 5/8 " DIA. BOLT
4	10-889-372	EA	* 10	WASHER: SQUARE, FLAT FOR 5/8 " DIA. BOLT
5	10-829-419	EA	* 8	LOCKWASHER: SPRING FOR 5/8 " DIA. BOLT SIZE
6	10-891-XXX	EA	* 10	LOCKWASHER: SPRING FOR 5/8 " DIA. BOLT SIZE
7	14-094-165	EA	1	CROSSARM: HOT DIP GALV. WITH WOOD POLE MOUNTING
8	14-112-769	EA	4	CONNECTOR: LINE TAP
**	14-384-415	EA	* 2	INSULATOR: LINE POST, TIE TOP
10	14-384-XXX	EA	* 2	STUD FOR POST INSULATOR, 5/8 " DIA. x 7" LONG
11	XX-XXX-XXX	EA	16	INSULATOR: SUSPENSION
12	14-486-XXX	EA	* 2	BOLT: DOUBLE ARMING 5/8 " DIA. x 12" LONG
13	14-489-318	EA	* 2	BOLT: MACHINE SQ. HEAD, 5/8 " x 16" LONG GALV.
14	14-505-582	EA	* 4	CLAMP: DEAD-END, ALUMINUM
15	14-513-215	EA	* 4	CLEVIS: BALL CONNECTOR
16	14-511-750	EA	* 4	CLIP: GROUND, UNIVERSAL BONDING
17	14-576-336	FT	* 8	MOULDING: GROUND, 1/2 " WD. GROOVE, 8FT. LONG
18	14-584-165	EA	* 4	NUT: LOCK FOR 5/8 " DIA. BOLT
19	14-584-XXX	EA	* 18	NUT: LOCK FOR 5/8 " DIA. BOLT
20	14-631-009	LB	1	STAPLE: 1 3/8 " LG., 1/2 " SPREAD STAPLE
21	14-631-510	EA	10	STAPLE: MOULDING, COPPER COATED
22	14-641-XXX	EA	LOT	TIE: DISTRIBUTION FOR F-NECT INS.
23	14-121-XXX	EA	4	CONNECTOR: COMPRESSION TYPE
24	14-535-XXX	EA	* 8	EYE NUT: 5/8 " DIA. BOLT
***	14-384-300	EA	* 2	INSULATOR: LINE POST

* USE 1.5 x QUANTITY FOR 3 PHASE POWER LINES INSTALLATIONS.
** 13.8 KV & BELOW CONSTRUCTION
*** 34.5 KV CONSTRUCTION

- NOTES:
- FOR POLE SETTING, SEE STANDARD DRAWING # AE-036014.
 - FOR GUY AND ANCHOR DETAILS SEE STANDARD DRAWING # AD-036064 & AD-036023.
 - GROUND LEAD TO BE EXTENDED TO POLE TOP FOR BONDING AS SHOWN ON STRUCTURE DETAILS AND FASTENED WITH STAPLES SPACED APPROX. 600mm.
 - SPIRAL 4 OR 5 LOOPS ON BUTT TO EQUAL 2 METERS OF WIRE, THEN CROSS OVER THE LOOPS WITH THE WIRE BEFORE TAKING IT UP THE POLE.
 - ELIMINATE THIS CONDUCTOR FOR A SINGLE PHASE LINE.
 - USE 2 SUSPENSION INSULATORS PER PHASE FOR 13.8 KV 3 PER PHASE FOR 34.5 KV.

DRAWING RESPONSIBILITY:					
ELECT. STD. REVIEW COMMITTEE					
03	JAN90	ESSD CAB	GENERAL REVISION, CHNG'D. MANDATORY TO DWG. RESPONSIBILITY.		
02	AUG94	ESSD CAB	COMPLETELY REDRAWN & CHNG'D. DWG. SIZE FROM "C" TO "A".	ORIGINAL SIGNED	ORIGINAL SIGNED
REV. NO.	DATE	BY	DESCRIPTION	CHKD.	APPD.
SAUDI ARABIAN OIL COMPANY					
DRAWN BY: ESSD CHECKED BY: SCALE: NONE					
DATE STARTED: 01-13-92 DATE COMPLETED: 02-05-92					
OPR'G. DEPT. ENG. DEPT.					
APPD. FOR CONST.					
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED			CERTIFIED BY: DATE:		
DOUBLE DEAD-END POLE					
INSTALLATION DETAILS					
STD. DWG. METRIC					
PLANT NO.	INDEX	DRAWING NUMBER		SHT. NO.	REV. NO.
990	P	AA-036015		001	03