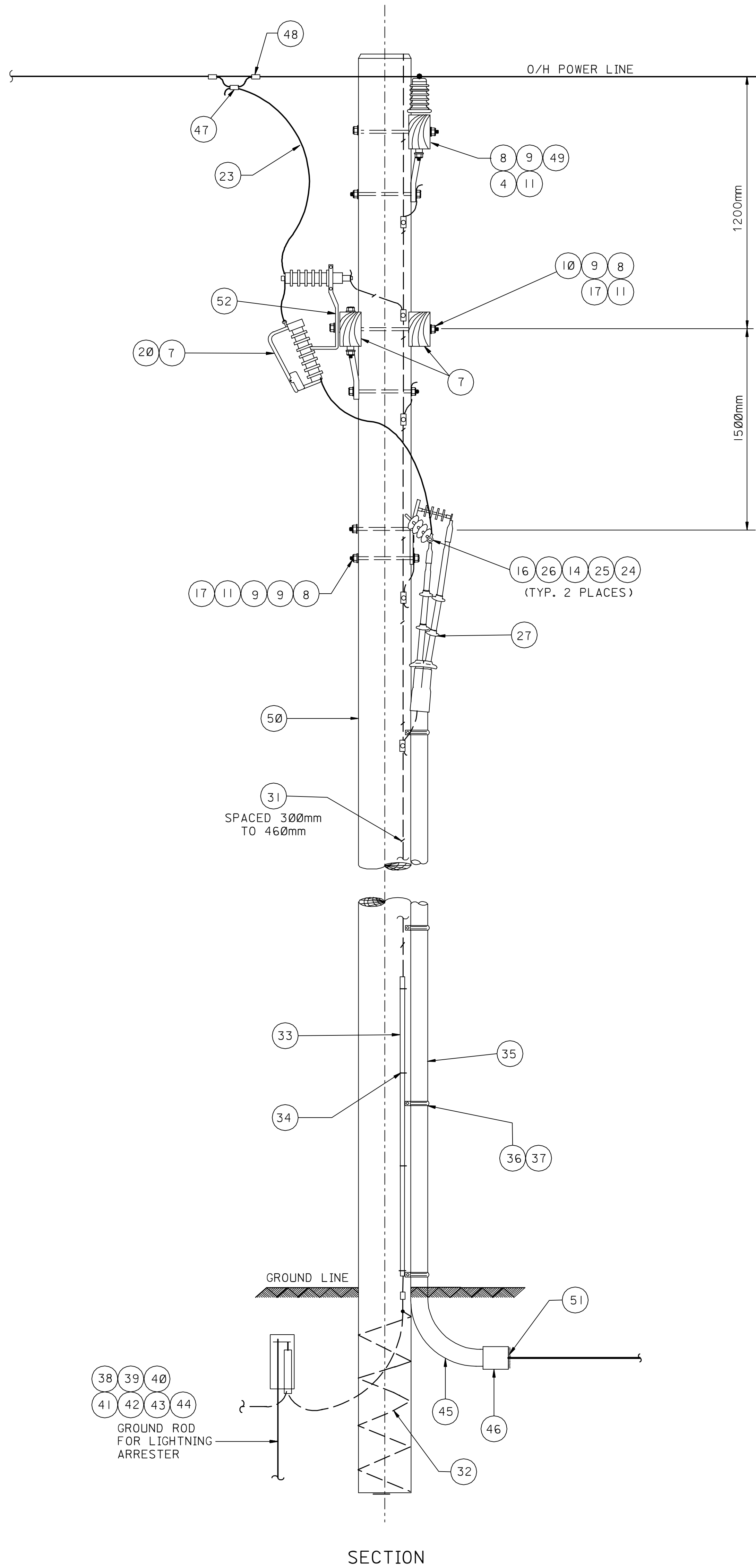




BILL OF MATERIAL				
ITEM NO.	AMS CAT. NO.	ISSUE UNIT	Q'TY.	DESCRIPTION
1	14-584-XXX	EA	8	NUT LOCK: FOR 5/8 " DIA. BOLT
2	14-384-415	EA	3	INSULATOR: POST
3	14-641-741	EA	3	TIE: DISTRIBUTION
4	14-505-XXX	EA	12	CLAMP: GROUND, FOR 5/8 " DIA. BOLT
5	10-891-XXX	EA	8	WASHER: SPRING, FOR 5/8 " DIA. BOLT
6	10-887-XXX	LB	1	WASHER: 5/8 " DIA. BOLT
7	14-516-650	EA	3	CROSSARM: WOOD 3 1/2 " x 4 1/2 " x 8' LONG
8	10-829-419	EA	38	LOCKWASHER: SPRING FOR 5/8 " DIA. BOLT
9	10-888-370	LB	2	WASHER: 5/8 " DIA.
10	14-489-323	EA	4	BOLT: MACHINE 5/8 " DIA. x 18" LONG
11	14-584-165	EA	14	NUT LOCK: FOR 5/8 " DIA. BOLT
12	10-889-282	EA	2	CURVED WASHER: 5/8 " DIA.
13	10-829-415	EA	20	LOCKWASHER: SPRING FOR 1/2 " DIA. BOLT
14	10-888-365	LB	2	WASHER: FLAT, FOR 1/2 " DIA. BOLT
15	14-486-296	EA	6	BOLT: DOUBLE ARMING 1/2 " DIA. x 7" LONG
16	14-584-150	EA	26	NUT LOCK: FOR 1/2 " DIA. BOLT
17	14-511-750	EA	16	CLIP: UNIVERSAL BONDING
18	14-112-769	EA	10	CONNECTOR: COMPRESSION TYPE; PARALLEL # 2AWG- # 1/0 AWG
19	14-326-960	EA	2	ARRESTER: LIGHTNING, POLE MTD. 12-15 KV
20	14-486-869	EA	4	BOLT: DOUBLE ARMING 5/8 " DIA. x 22" LONG
21	14-352-075	EA	2	FUSE CUT-OUT: OPEN TYPE 10,000 AIC
22	16-306-020	EA	2	LINK: FUSE, 3 AMP. RATING FOR 15 KV FUSE CUT-OUT
23	XX-XXX-XXX	EA		WIRE: SAME SIZE AS POWER LINE AS REQUIRED
24	14-198-133	EA	2	CONNECTOR: TERMINAL
25	10-889-710	EA	6	LOCKWASHER: SPRING TYPE FOR 1/2 " DIA. BOLT SIZE
26	14-489-252	EA	2	BOLT: MACHINE 1/2 " x 1 1/2 " LONG
27	14-910-XXX	KT	1	TERMINATING KIT
28	14-498-612	PK	1	BRACKET: KIT, POLE MOUNT
29	14-494-590	EA	1	BRACE: CROSSARM, STEEL
30	14-697-XXX	EA	1	GRIP: CABLE PULLING
31	14-631-133	LB	1	STAPLE: FOR 5/16 " GROUND WIRE
32	14-659-420	FT	100	WIRE: COPPER, SOFT DRAWN #4
33	14-676-400	EA	1	MOLDING: GROUND WIRE, 1/2 " WD, GROOVE, 8 FT. LONG
34	14-631-510	EA	10	STAPLE: MOLDING; COPPER COATED
35	15-314-922	PC	5	CONDUIT: RSG PVC COATED 4" DIA.
36	11-268-095	EA	22	LAG SCREW: 1/4 " DIA., 1 1/2 " LONG
37	15-511-263	EA	11	STRAP: CONDUIT FOR 4" DIA., 2-HOLE
38	01-515-441	FT	3	PIPE: PVC, 1 1/2 " DIA.
39	12-413-043	FT	1	ANGLE: BAR; 3" x 3" x 3/8 "
40	12-720-715	MT	3	BAR: CONC. REINF, 12mm DIA.
41	14-103-480	EA	2	CLAMP: GROUND FOR 5/8 " DIA. ROD
42	14-246-542	EA	1	ROD: GROUND 5/8 " DIA. x 8" LONG
43	CONST. SUPP.	CM	1	CONCRETE, READY MIX 2500 PSI
44	CONST. SUPP.	MT	1	PIPE: FIBERGLASS 250mm DIA.
45	15-368-130	EA	1	ELBOW: RIGID CONDUIT, PVC COATED, 4", 90 DEG., 36" R
46	15-288-085	EA	2	BUSHING: CONDUIT 4" DIA. SIZE
47	14-103-578	EA	2	CLAMP: HOTLINE ALUMINUM FOR #1/0 AWG ACSR WIRE
48	14-272-823	EA	2	STIRRUP: COMPRESSION FOR #1/0 AWG ACSR WIRE
49	14-489-313	EA	2	BOLT: MACHINE 5/8 " DIA. x 14" LONG
50	14-602-XXX	PC	1	POLE: LINE, WOOD
51	14-872-276	PK	2	DUXSEAL SEALING COMPOUND
52	14-352-040	EA	3	BRACKET: FOR SURGE ARRESTER/CUTOUT MOUNTING

* 13.8 KV & BELOW CONSTRUCTION

- NOTES:**
1. FOR CROSSARM FRAMING AND DRILLING INSTRUCTION SEE CROSS DWC AD-036901.
 2. THE MIDDLE INSULATOR IS USED FOR 3-PHASE INSTALLATION ONLY.
 3. USE THE SAME ARRESTOR AND FUSED CUTOFF ARRANGEMENT AS SHOWN IN THE OTHER TWO PHASES.
 4. SPIRAL 4 OR 5 LOOPS ON BUTT TO EQUAL 2 MTS. OF WIRE, THEN CROSS OVER THE LOOPS WITH THE WIRE BEFORE TAKING IT UP THE POLE.

DRAWING RESPONSIBILITY:									
ELECT. STD. REVIEW COMMITTEE									
REV. NO.	DATE	BY	JG/EWO	DESCRIPTION			CHKD.	CERT.	APPD.
SAUDI ARABIAN OIL COMPANY									
DRAWN BY: <u>EESD/CAB</u> CHECKED BY: _____ SCALE: <u>N.O.N.E</u>									
DATE STARTED: <u>01-02-96</u> DATE COMPLETED: _____									
OPR'G. DEPT.: _____ ENG. DEPT.: _____									
APP'D. FOR CONST.: _____									
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL, UNLESS CERTIFIED AND DATED						CERTIFIED BY _____ DATE _____			
TAP-OFF TANGENT POLE WITH CABLE RISER									
STD. DWG.									
PLANT NO.	INDEX	DRAWING NUMBER				SHT. NO.	REV. NO.		
990	P	AA-036121				002	00		