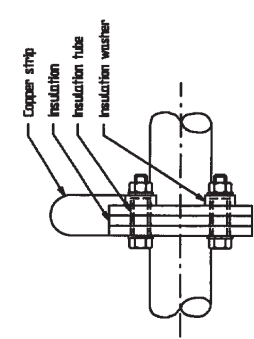
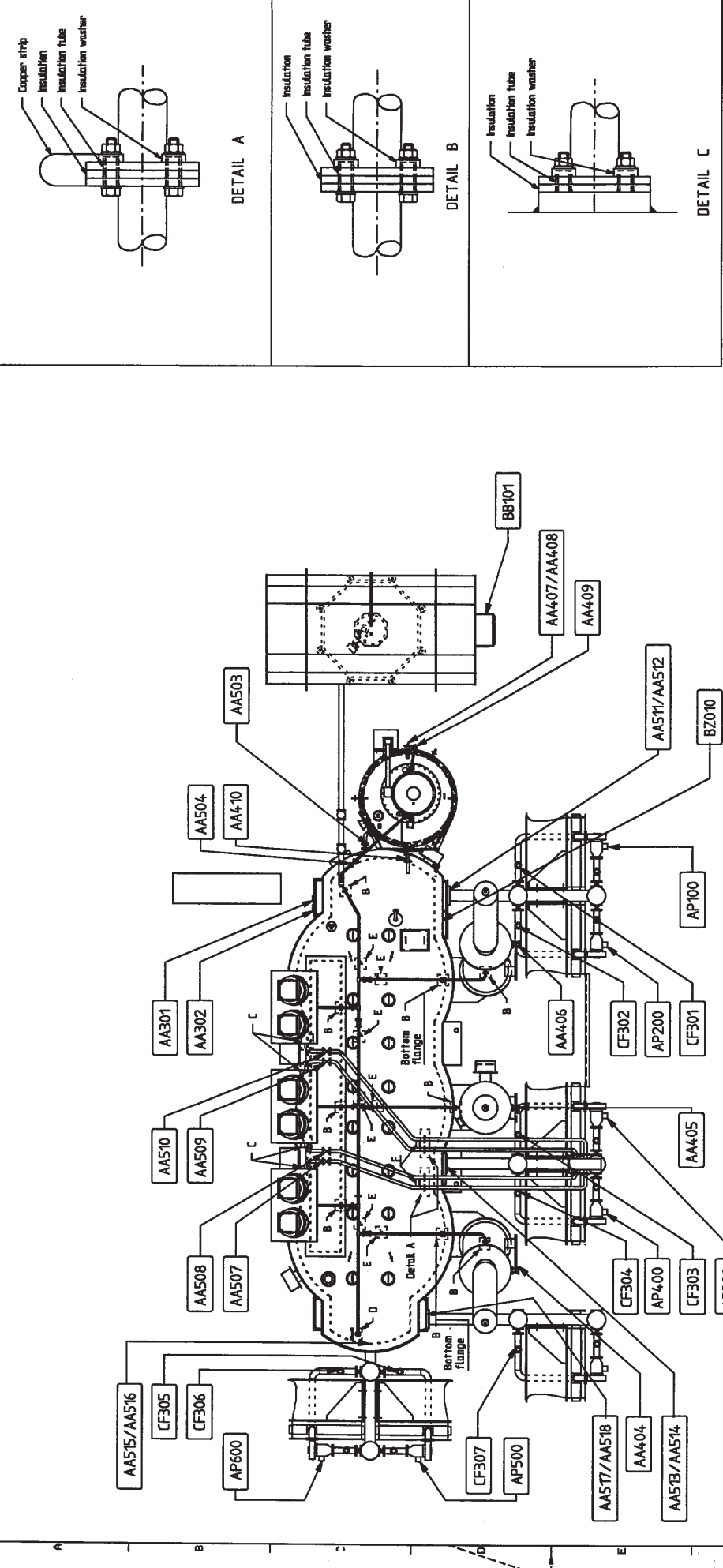
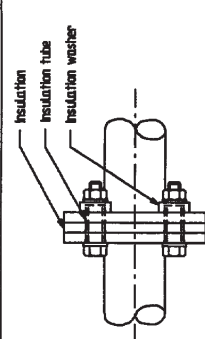


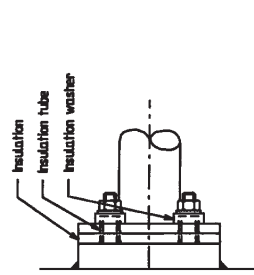
1 2 3 4 5 6 7 8 9 10 11 12



DETAIL A



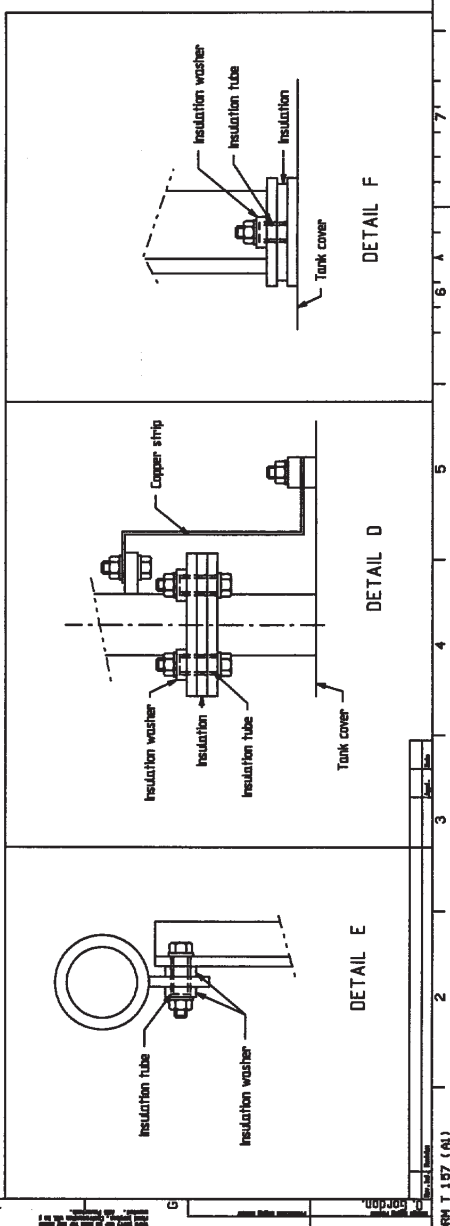
DETAIL B



DETAIL C

UNIT 1	TRANSFORMER NO.	1000170	DATE	30/03/00
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100

ESKOM	REV	0
No.		
CONTRACT No.		
795 MVA Generator Transformer		
OUTLINE DRAWING		
PR 4713 0510		



MASSSES :

Core and windings plus 7% free oil	300 500 kg
Tank, cover and tapchanger tank without oil.....	42 000 kg
Each cooler without oil.....	1 285 kg
Conservator and pedestal without oil.....	4 800 kg
Conservator and pedestal with oil.....	8 950 kg
Transformer complete without oil.....	371 850 kg
Transformer complete with oil.....	445 100 kg
Mass of cooler unit without oil.....	4 400 kg
Mass of cooler unit with oil.....	4 800 kg
Transport mass without oil.....	340 500 kg
Mass of tapchanger tank and tapchanger without oil.....	3 800 kg
Total mass of cooler without oil.....	16 500 kg
Total mass of cooler with oil.....	18 000 kg
Mass of transformer only without oil.....	334 000 kg
Mass of transformer only with oil.....	393 000 kg

OIL QUANTITIES : :

Oil in transformer only.....	69 000 litres
oil in coolers.....	3 850 litres
Oil in tapchanger tank.....	7 900 litres
oil in tapchanger only.....	750 litres
Oil in conservator only.....	4 500 litres

TOTAL.....	75 680 kg	86 000 litres
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MAJUBA POWER STATION
795 MVA 22/420 kV
GENERATOR TRANSFORMER
VECTOR SYMBOL : YNd1
COOLING OFAF

			Serial number
UNIT 1	TRANSFORMER 10	1 08AT10	30350

[illegible]

DATE	TIME IN	OFFICE USE	ISSUED TO	UNIT NO.
D E D	Q B A T 10			
X 23	4 5 6 0	A B	SIT NO	0 0 6
CONTRACT No.				HOLDER

ESKOM	REV
No	0

[illegible]

