

G	FDN DRG No 0.54/		Q	R	S	T	U	L	M	N	P	
	EQUIPMENT		PI(C6-1550)	PI(C6-1550)	PI(C6-1550)	PI(C6-1550)	PI(C6-1550)	JB	PI(C6-1550)	IS	PI(C6-1550)	
	EQUIPMENT	AMPS	---	---	---	---	---		---	3150	---	
H	RATING	kA	---	---	---	---	---		---	63	---	
	EQUIP STEM/PAD		φ38	φ38	φ38	φ38	φ38		φ38	8HHP	φ38	
	MAKER		PPC	PPC	PPC	PPC	PPC		PPC	AREVA	PPC	
J	OUTLINE DRG No 0.54/		6273	6273	6273	6273	6273		6273	6294	6273	
	ORDER NUMBER											
	CONTRACT No											
	STEELWORK	SUPPORT	303	303	303	303	303	---	303	TO BE SUPPLIED ABB	303	
	DRG No 0.54/	CAP	779	779	779	779	779	---	779		779	
K	FDN DRG No 0.54/		A	B	C	D	E	F	G	H	J	K
	EQUIPMENT		SEE PLINTH 0.08/19568	SEE SHEET 44	4726	6432	4368	6433	401	4358	5829	5829
	EQUIPMENT		TRFR	TDB	SA	ES	CT	CB	LABEL SUPP	PI(C6-1550)	PG ISOL	PI(C6-1550)
L	EQUIPMENT	AMPS	500MVA		---	---	3200	4000		---	3150	---
	RATING	kA			---	63	50	50		---	63	---
	EQUIP STEM/PAD		HV,MV φ38		φ38	φ38	φ60	9HHP		φ38	8HVP	φ38
M	MAKER		ABB POWERTECH		ABB KAREBO	AREVA	ALSTOM HVE	abb		PPC	AREVA	PPC
	OUTLINE DRG No 0.54/		TBC		6344	6341	6180	6224		6273	6287	6273
	ORDER NUMBER											
	CONTRACT No											
	STEELWORK	SUPPORT			4160/6603 5865 MOD A & B	TO BE SUPPLIED AREVA	309	TO BE SUPPLIED ABB	400	303	TO BE SUPPLIED AREVA	303
	DRG No 0.54/	CAP			306/6326		311		---	779		779


CONDUCTOR AND HARDWARE SCHEDULE			BAY DESIGNATION	
			SIZE	QUANTITY
CONDUCTOR	BUSBAR		Al TUBE φ250	900m
	STRINGER AND DROPPER 3 & 2 x 800 mm <sup>2</sup>		800mm <sup>2</sup>	900m
	EQUIPMENT EARTHING		50x3 Cu	65m
CLAMPS AND HARDWARE TO DRG No 0.54/412	DESCRIPTION	MK	ITEM	QUANTITY
	TUBULAR CLAMP	1	TBTC-250/C3-38	6
	CLAMP	2	3Y4	14
	TUBULAR CLAMP	4	TBTC-250/C2-38	3
CLAMPS AND HARDWARE TO DRG No 0.54/412	CLAMP	5	YC-17	3
		6	YC-16	3
		7	YC-18	6
		8	YC-15	6
		9	YC-7	6
		10	TC-10	12
		11	SCP-38/P	3
		12	YC-4	9
		13	F42	2
		14	F42(S)	1
		15	POLYMERIC INSL	6
		16	PGTC	3
	SPACER	17	S5	51
		18	S2	93

ELEVATION NOTES  
1.SPACERS MK 2 & MK 3 TO BE  
AT 2 m CRS ON DROPPERS  
AND 8 m (MIN.) CRS ON STRINGERS

NOTE: ALL PI's TO BE FITTED  
WITH PI FITTINGS (0.54/5845)

FOUNDATION PLAN NOTES  
1.PI (STANDARD 6kN) & STEELWORK AT  
POSITIONS MARKED THUS \*

2.PG IS & STEELWORK AT POSITIONS MARKED THUS #  
3.LT & STEELWORK AT POSITIONS MARKED THUS ∴  
4.K & L FOUND LEVELS SAME AS ADJACENT BUSBAR  
SUPPORT SEE 0.08/19498

1	EQUIP BAY – 400kV YARD INTEGRATION	ALG	MP	AA	29/10/10
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE
 <b>Eskom</b> Transmission		ESKOM HOLDINGS LIMITED REG No 2002/015527/06			
GUMENI 400 kV TRANSFORMER 1					
©			SHEET NUMBER		REVISION
0.08/19534			06		1