BAY SCHEDULE			
	BAY	TYPE	DRG No
400-kV	FEEDER 1	400 FF 23 MOD	
	FEEDER 2	400 FF 23 MOD	
	FEEDER 3	400 FF 23 MOD	
	FEEDER 4	400 FF 21	
	FEEDER 5	400 FF 23 MOD	
	FEEDER 6	400 FF 23 MOD	
	GENERATOR TRANSFORMER 1	400 TT 24 MOD 400 TT 25	
	GENERATOR TRANSFORMER 2	400 TT 24 MOD 400 TT 25	
	TRANSFORMER 1	400 TT 24 MOD	
	TRANSFORMER 2	400 FF 01	
	TRANSFER BAY	400 BB 21 MOD	
	BUS COUPLER 'A'	400 BC 21 MOD	
	BUS COUPLER 'B'	400 BC 21 MOD	
	BUS SECTION 1	400 BS 01 MOD	
	BUS SECTION 2	400 BS 01	
	BUS SECTION 3	400 BS 01	
	ZONE 1 B/B CVT	SCHEDULE SHEET 44	
	ZONE 2 B/B CVT	SCHEDULE SHEET 44	
	ZONE 3 B/B CVT	SCHEDULE SHEET 45	
	BUSBAR 1 EXTENSION	400 BS 01 (MOD)	
	BUSBAR 2 EXTENSION	400 BS 01	
	TRFR 1 TERTIARY	MT 09	
275-kV	FEEDER 1	275 FF 02	
	FEEDER 2	275 FF 06 (MOD)	
	FEEDER 3	275 FF 06 (MOD)	
	FEEDER 4	275 FF 06 (MOD)	
	FEEDER 5	275 FF 06 (MOD)	
	FEEDER 6	275 FF 30	
	GENERATOR TRANSFORMER 3	400 TT 25 (MOD) 400 FF 01 (MOD) 275 TT 02 (MOD)	
	GENERATOR TRANSFORMER 4	400 TT 25 (MOD) 400 FF 01 (MOD) 275 TT 02 (MOD)	
	GENERATOR TRANSFORMER 5	400 TT 25 (MOD) 400 FF 01 (MOD) 275 TT 02 (MOD)	
	GENERATOR TRANSFORMER 6	400 TT 25 (MOD) 400 FF 01 (MOD) 275 TT 02 (MOD)	
	TRANSFORMER 1	275 TT 04	
	TRANSFORMER 2	275 FF 02	
	BUS COUPLER 'A'	275 BC 01 (MOD)	
	BUS COUPLER 'B'	275 BC 01 (MOD)	
	BUS SECTION 1	275 BS 01 (MOD)	
	BUS SECTION 2	275 BS 01 (MOD)	
	ZONE 1 B/B CVT	SCHEDULE SHEET No 46	
	ZONE 2 B/B CVT	SCHEDULE SHEET No 49	
	ZONE 3 B/B CVT	SCHEDULE SHEET No 50	
	ZONE 4 B/B CVT	SCHEDULE SHEET No 51	

BAY DESIGN, GENERAL ARR'GT 0.47/JF 37

BUSBAR CONDUCTOR SIZES	
400-kV BUSBAR	2x800mm²
275-kV BUSBAR	2x800mm²

TENSION PER CONDUCTOR	
400-kV BUSBAR	8 kN
400-kV STRINGER	4 kN
275-kV BUSBAR	8 kN
275-kV STRINGERS	4 kN

NOTE -

1. TK = TELEPHONE KIOSK
   FEK = FIRE EQUIPMENT KIOSK
   BCVT = BUSBAR CAPACITOR VOLTAGE TRFR
2. FOR OPENING DIRECTION OF ISOLATOR BLADES AND HANDING OF ISOLATOR EARTHING BLADES SEE DRG 0.47/3636
3. COLUMN AND BEAM PROVIDED AT STRINGER LEVEL FOR REOPRNG ONLY (NOT USED FOR BUSBAR SUSPENSION)
4. ⊕ INDICATES 24m FLOODLIGHTING POLE

CONCEPT DESIGN
NOT FOR CONSTRUCTION

128	STATION S.O. BEACONS					
3638	ROAD & DRAIN.					
3643	FENCE LAYOUT					
3642	275kV STLWK MARKING PLAN					
3641	400kV STLWK MARKING PLAN					
3640	275kV FDN, TR. & E/MAT					
3639	400kV FDN, TR. & E/MAT					
3637	BAY DES. SCHED.					
3636	STAT. ELECT. DIA					

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE
12	275kV BUSBAR EXTENDED	RAMPA			
11	DRAWING SCANNED & ELECTRONICALLY ENHANCED.	E.G.			25/02/05

REFERENCE DRAWINGS 0.47/

DESIGN APPROVED: [signature] DATE 17/9/71
DESIGN CHECKED: [signature] DATE [illegible]
DRAWN BY: [signature] DATE 9/71

TRANSMISSION ENGINEERING
ESKOM ©

MATLA
H.V. YARD KEY PLAN

SCALE 1:1000

SHEET NUMBER	REVISION
0.47/3635	12

THIS DRAWING HAS BEEN CREATED ON A CAD SYSTEM AND ANY AMENDMENT TO THE DRAWING MUST BE EFFECTED ONLY ON THE SAME CAD SYSTEM

SIZE OPOTTE A0L