



BAVIAANSKRANS 241-KR

LEGEND

- Marula Tree (Protected)
- Tree (Not protected)
- Baobab Tree (Protected)
- Shepherd's Tree (Protected)
- Leadwood Tree (Protected)
- Water Tap
- Stay Wire
- Transformer
- MV Electric Powerline
- Fence line
- LV Electric Powerline
- Cadastral Boundary
- DISMANTLE PORTION OF LINE

LEGEND

SYMBOL	DESCRIPTION
	LV POLE WITH STAY AND STRUT
	LV POLE WITH FLYING STAY
	LV POLE WITH SHORT STAY
	MV POLE WITH STAY AND STRUT
	MV POLE WITH FLYING STAY
	MV POLE WITH SHORT STAY
	TRANSFORMER/MINI SUB
	LV, MV & SHARING POLES
	KICKER POLE (7m)
	LINK/BREAKER/SEC./METER UNIT
	MV & LV FUSES
	CABLE JOINT (MV+LV)
	MV CROWNS FEET / EARTH SPIKE
	LV CROWNS FEET / EARTH SPIKE
	SA
	HIGH MAST
	ABC 35mm 1 PHASE
	ABC 35mm 2 PHASE
	ABC 35mm 3 PHASE
	ABC 70mm 3 PHASE
	LV BARE CONDUCTOR
	F = FOX, G = GOPHER, H = HARE, M = MINK, S = SQUIREL, W = WOLF, R = RABBIT
	1n = 1 PHASE 2n = 2 PHASE
	LETTER = 3n
	MC CONDUCTOR
	FOX
	MV PHASE/PHASE (G/H/M/S/W)
	SERV. CONNECTIONS 10mm
	SERV. CONN. U/G 4/10/16mm
	LV CONDUCTOR PHASING
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE
	TELKOM LINE
	TELKOM POLE

POLE CODE LEGEND

POSITION 1 (POLE)	POSITION 2 (M.V. STRUCTURES WITH STRUTS & STAYS)	POSITION 3 (L.V. STRUCTURES WITH STRUTS & STAYS)	POSITION 4 (POLE TOP BOX)	POSITION 5 (AUXILIARIES)
S 9M WOODEN POLE (120-138mm)	A INTERNAL (0°-90°) STAG VERT. 600 SPACING	A SUSPENSION ASSEMBLY (0°-30°) WOOD POLE	A 12-WAY WITH SOA CIRCUIT BREAKER	J KVA 22kV/415V TRANSFORMER SINGLE POLE MOUNTED
T 11M WOODEN POLE (160-179mm)	B STRAIN (30-90° DEV) VERTICAL SPACING 600	B TERMINAL ASSEMBLY WOOD POLE	B 12-WAY WITH SOA CIRCUIT BREAKER SPLIT METERING	N KVA 22kV/415V TRANSFORMER SINGLE POLE MOUNTED OUT OF LINE
L 11M WOODEN POLE (180-189mm)	C STRAIN (0°-30° DEVIATION) VERTICAL 600 SPACING	C STRAIN ASSEMBLY (0-60°) WOOD POLE	C 12-WAY WITH SOA CIRCUIT BREAKER	O SECTION LINKS OUT OUTS 2.5M X-ARM / SOLO
N 13m WOODEN POLE (200-219mm)	D STRAIN (0°-30° DEVIATION) VERTICAL 600 SPACING	D STRAIN ASSEMBLY (60-90°) WOOD POLE		P LV LEADING ONE SPAN AWAY FROM TRANSFORMER
	E STRAIN TERMINAL VERTICAL / 2.5M WOODEN X-ARM	E T-OFF ASSEMBLY FROM INTERMEDIATE WOOD POLE		Q EQUIPMENT LINKS MV DROP OUT FUSES 2.5M X-ARM
	F MV STAY ASSEMBLY	F T-OFF ASSEMBLY FROM STRAIN WOOD POLE		R SECTION LINKS OUT OUTS 2.5M X-ARM / FUSED
	G MV STAY ASSEMBLY SWIVEL BRACKET	G T-OFF ASSEMBLY FROM STRAIN WOOD POLE		M 1X80A LV FUSE, 500V
	H MV STAY ASSEMBLY SWIVEL BRACKET	H CROSS INTERMEDIATE / INTERMEDIATE ASSEMBLY WOOD POLE		B 1X40A LV CIRCUIT BREAKER
	J T-OFF FROM INTERM/STRAIN DELTA 2.5M WOODEN X-ARM	I SUSPENSION ASSEMBLY (0°-30°) WOOD POLE (SINGLE PHASE)		
		M TERMINAL ASSEMBLY WOOD POLE (SINGLE PHASE)		
		J T-OFF ASSEMBLY FROM INTERMEDIATE WOOD POLE (SINGLE PHASE)		
		N STRAIN ASSEMBLY (60-90°) WOOD POLE (SINGLE PHASE)		
		F LV STAY ASSEMBLY		
		L LV-STAY ASSEMBLY FLAT 45 °		

NO	DATE	INITIALS	DESCRIPTION

REVISIONS

CONSULTANT

HWA ENGINEERS & PROJECT MANAGERS

MOKALAKWENA MUNICIPALITY

ELECTRIFICATION OF KGOBUDI VILLAGE

MV/LV LAYOUT

1:1000	SCALE	CONTRACT NO.
F.H.	DRAWN	DESIGNED
JULY 2019	DATE	M.T.
		APPROVED

DRAWING NO. 00

SHEET 3 OF 3