

REMAINDER OF KNAPDAAR No.234-KR

X 2660160

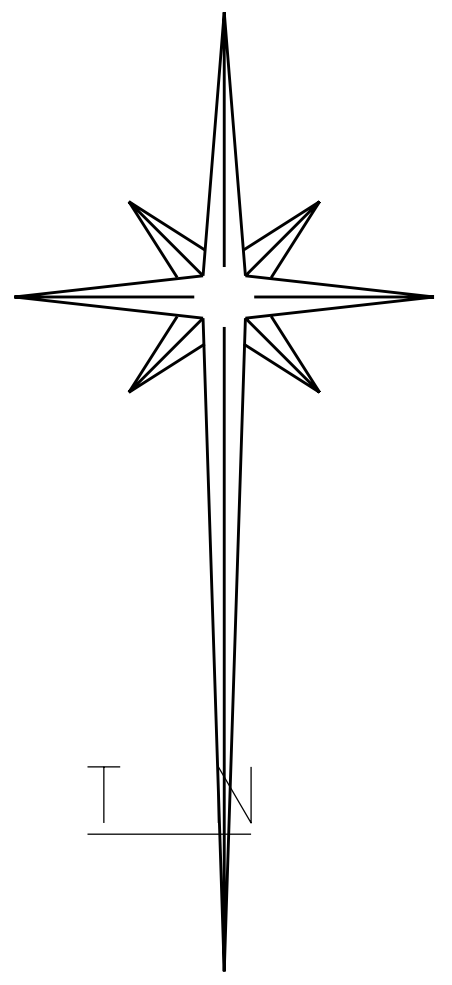
- Marula Tree (Protected)
- Tree (Not protected)
- Baobab Tree (Protected)
- Shepherd's Tree (Protected)
- Leadwood Tree (Protected)
- Water Tap
- Stay Wire
- Transformer
- MV Electric Powerline
- Fence line
- LV Electric Powerline
- Cadastral Boundary
- Dismantle Portion of Line

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 CROS FEET / EARTH SPIKE
	LV CROS FEET / EARTH SPIKE
	SA
	HIGH MAST
	ABC 20MM 1 PHASE
	ABC 35MM 2 PHASE
	ABC 55MM 3 PHASE
	ABC 70MM 3 PHASE
	LV BARE CONDUCTOR
	F - FOX, G - GOPHER, H - HARE
	M - MINK, S - SQUIRREL
	W - WOLF, R - RABBIT
	IN - 1 PHASE 2N - 2 PHASE
	LETTER - 3N
	MV CONDUCTOR
	FOX
	MV PHASE (F70/10/10/10/10)
	SERVICE CONNECTIONS 18M
	SERV. CONNOC. U/G 4/10/16M
	LV CONDUCTOR PHASING
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE
	TELKOM LINE
	TELKOM POLE



POLE CODE LEGEND

FIVE CHARACTER CAD CODE STRUCTURES		POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5
POLE		M.V. STRUT	M.V. STRUT	L.V. STRUT	POLE TOP BOX	AUXILIARIES
POSITION 1 (POLE)					D-DT NO.	
E	1.5M WOODEN POLE (120-130MM)				0250	
D	1M WOODEN POLE (160-170MM)				0255	
C	1.1M WOODEN POLE (180-170MM)				0251	
M	1.8M WOODEN POLE (180-190MM)				0251	
N	1.5M WOODEN POLE (200-210MM)				0252	
POSITION 2 (M.V. STRUCTURES WITH STRUTS & STAYS)					D-DT NO.	
A	INTERM. (0° DEV) STAG VERT 600 SPACING				1210	
B	STRAIN (30-90° DEV) VERTICAL SPACING 600				1215	
C	STRAIN (0°-30° DEVIATION) VERTICAL 600 SPACING				1214	
I	STRAIN (0° DEVIATION) VERTICAL 600 SPACING				1246	
D	STRAIN TERMINAL VERTICAL / 2.5M WOODEN X-ARM				1213	
E	MV STAY ASSEMBLY				0341	
M	MV STRUT ASSEMBLY SWIVEL BRACKET				0351	
J	T-OFF FROM INTERM/STRAIN DELTA 2.5M WOODEN X-ARM				1881	
POSITION 3 (L.V. STRUCTURES WITH STRUTS & STAYS)					D-DT NO.	
A	SUSPENSION ASSEMBLY (0-30°) WOOD POLE				1120	
B	TERMINAL ASSEMBLY WOOD POLE				1125	
C	STRAIN ASSEMBLY (0-60°) WOOD POLE				1121	
D	STRAIN ASSEMBLY (60-90°) WOOD POLE				1122	
E	T-OFF ASSEMBLY FROM INTERMEDIATE WOOD POLE				1149	
D	T-OFF ASSEMBLY FROM STRAIN WOOD POLE				1142	
H	CROSS INTERMEDIATE/ INTERMEDIATE ASSEMBLY WOOD POLE				1147	
I	CROSS INTERMEDIATE/ STRAIN ASSEMBLY WOOD POLE				1143	
K	SUSPENSION ASSEMBLY (0-30°) WOOD POLE (SINGLE PHASE)				1153	
M	TERMINAL ASSEMBLY WOOD POLE (SINGLE PHASE)				1154	
J	T-OFF ASSEMBLY FROM INTERMEDIATE WOOD POLE (SINGLE PHASE)				1157	
N	STRAIN ASSEMBLY (60-90°) WOOD POLE (SINGLE PHASE)				1156	
F	LV STAY ASSEMBLY				0341	
L	LV STRUT ASSEMBLY FLAT 45°				0342	
POSITION 4 (POLE TOP BOX)					D-DT NO.	
A	1-2 WAY WITH 50A CIRCUIT BREAKER				3055	
B	1-4 WAY WITH 50A CIRCUIT BREAKER SPLIT METERING				3055	
C	5-8 WAY WITH 50A CIRCUIT BREAKER				3055	
POSITION 5 (AUXILIARIES)					D-DT NO.	
J	KVA 22KV/415V TRANSFORMER SINGLE POLE MOUNTED				1860	
N	KVA 22KV/415V TRANSFORMER SINGLE POLE MOUNTED OUT OF LINE				1866	
O	SECTION LINKS CUT OUTS 2.5M X-ARM/ SOLID				1848	
P	LV EARTHING ONE SPAN AWAY FROM TRANSFORMER				0627	
I	EQUIPMENT LINES MV DROP OUT FUSES 2.5M X-ARM				1849	
O	SECTION LINKS CUT OUTS 2.5M X-ARM/ FUSED				1848	
N	1X300A LV FUSE - 300V				3181	
B	1X400A LV CIRCUIT BREAKER					



ISSUED FOR TENDER

NO. DATE INITIALS DESCRIPTION

REVISIONS

CONSULTANT

SUPERIOR ENGINEERING

SUPERIOR

CLIENT

MOGALAKWENA MUNICIPALITY

PROJECT

ELECTRIFICATION OF DANISANE VILLAGE

TITLE

MV - LV LAYOUT

SCALE CONTRACT NO.

DATE M.T DESTROYED

SEP 2019 M.T APPROVED

DAN/ELE/RET/002 DRAWING NO.

SHEET 2 OF 2