



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
	HOOKER 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 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 = SQUIRREL, W = WOLF, R = RABBIT
	1n = 1 PHASE 2n = 2 PHASE LETTER = 3n M = CONDUCTOR
	FOX
	192n
	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	POSITION 2	POSITION 3	POSITION 4	POSITION 5
POLE	M.V. STRUT	L.V. STRUT	POLE TOP BOX	AUXILIARIES
POSITION 1 (POLE)				
S	9M WOODEN POLE (120-138mm)			0080
D	9M WOODEN POLE (160-179mm)			0085
K	11M WOODEN POLE (160-179mm)			0081
M	13M WOODEN POLE (180-189mm)			0082
L	11M WOODEN POLE (180-189mm)			0081
N	13M WOODEN POLE (200-219mm)			0083
POSITION 2 (M.V. STRUCTURES WITH STRUTS & STAYS)				
A	INTERNAL (0°-90°) STAG VERT. 600 SPACING			D-DT NO. 1710
B	STRAIN (30-90° DEV) VERTICAL SPACING 600			1715
C	STRAIN (0°-30° DEVIATION) VERTICAL 600 SPACING			1714
M	STRAIN (0°-30° DEVIATION) VERTICAL 600 SPACING			1748
D	STRAIN TERMINAL VERTICAL / 2.5M WOODEN X-ARM			0341
E	MV STAY ASSEMBLY			0351
M	MV -STRUT ASSEMBLY SWIVEL BRACKET			0351
J	T-OFF FROM INTERM/STRAIN DELTA 2.5M WOODEN X-ARM			1801
POSITION 3 (L.V. STRUCTURES WITH STRUTS & STAYS)				
A	SUSPENSION ASSEMBLY (0°-30°) WOOD POLE			D-DT NO. 1100
B	TERMINAL ASSEMBLY WOOD POLE			1120
C	STRAIN ASSEMBLY (0-60°) WOOD POLE			1121
D	STRAIN ASSEMBLY (60-90°) WOOD POLE			1122
E	T-OFF ASSEMBLY FROM INTERMEDIATE WOOD POLE			1142
G	T-OFF ASSEMBLY FROM STRAIN WOOD POLE			1142
H	CROSS INTERMEDIATE / INTERMEDIATE ASSEMBLY WOOD POLE			1141
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)				
A	1-2 WAY WITH SOA CIRCUIT BREAKER			D-DT NO. 3055
B	1-2 WAY WITH SOA CIRCUIT BREAKER SPLIT METERING			3055
C	1-2 WAY WITH SOA CIRCUIT BREAKER			3055
POSITION 5 (AUXILIARIES)				
J	KVA 22kV/415V TRANSFORMER SINGLE POLE MOUNTED			D-DT NO. 1860
N	KVA 22kV/415V TRANSFORMER SINGLE POLE MOUNTED OUT OF LINE			1866
O	SECTION LINKS OUT OUTS 2.5M X-ARM / SOLO			1848
P	LV LEADING ONE SPAN AWAY FROM TRANSFORMER			1827
I	EQUIPMENT LINKS MV DROP OUT FUSES 2.5M X-ARM			1849
D	SECTION LINKS OUT OUTS 2.5M X-ARM / FUSED			1848
M	1X80A LV FUSE, 500V			3181
B	1X40A LV CIRCUIT BREAKER			



NO	DATE	INITIALS	DESCRIPTION
01	09/09/2019	W.T.	ISSUED FOR TENDER

REVISIONS

HWA ENGINEERS CONSULTANTS

&

PROJECT MANAGERS

ELECTRIFICATION OF KGOBUDI VILLAGE

MV - LV LAYOUT

1:1000 SCALE CONTRACT NO.

F.H. DRAWN M.T. DESIGNED

JULY 2019 DATE M.T. APPROVED

REVISIONS NO. DRAWING NO. REF.

K9/LE/NET/001 SHEET 1 OF 3 00