



LEGEND

SYMBOL	DESCRIPTION
	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
	DOMANTLE PORTION OF LINE

POLE CODE LEGEND

FIVE CHARACTER GAD CODE STRUCTURES		D-DT NO.
POSITION 1	POSITION 2	
POLE	M.V. STRUT	
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)	0081
L	13M WOODEN POLE (200-219mm)	0083
POSITION 2 (M.V. STRUCTURES WITH STRUTS & STAYS)		
A	INTERM. (0°-90°) STAG VERT. 600 SPACING	1710
B	STRAIN (30-90° DEV) VERTICAL SPACING 600	1715
C	STRAIN (0°-30° DEVIATION) VERTICAL 600 SPACING	1714
E	STRAIN (0°-90° DEVIATION) VERTICAL 600 SPACING	1748
D	STRAIN TERMINAL VERTICAL / 2.5M WOODEN X-ARM	1743
F	MV STRUT ASSEMBLY	0341
M	MV STRUT ASSEMBLY SWIVEL BRACKET	0351
J	T-OFF FROM INTERM/STRAIN DELTA 2.5M WOODEN X-ARM	1801
POSITION 3 (LV STRUCTURES WITH STRUTS & STAYS)		
A	SUSPENSION ASSEMBLY (0-30°) WOOD POLE	1100
B	TERMINAL ASSEMBLY WOOD POLE	1120
C	STRAIN ASSEMBLY (0-60°) WOOD POLE	1121
D	STRAIN ASSEMBLY (60-90°) WOOD POLE	1122
G	T-OFF ASSEMBLY FROM INTERMEDIATE WOOD POLE	1140
O	T-OFF ASSEMBLY FROM STRAIN WOOD POLE	1142
H	GROSS 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 STRUT ASSEMBLY	0341
L	LV STRUT ASSEMBLY FLAT 45°	0342
POSITION 4 (POLE TOP BOX)		
A	1-2 WAY WITH SOA CIRCUIT BREAKER	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	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, 300V	3181
B	1X40A LV CIRCUIT BREAKER	

REVISIONS

NO	DATE	INITIALS	DESCRIPTION
01	23/07/2019	ML	ISSUED FOR TENDER

HWA ENGINEERS CONSULTANTS

&

PROJECT MANAGERS

INDONESIA BANGSA PUTRI

ELECTRIFICATION OF KGOBUDI VILLAGE

MV - LV LAYOUT

1:1000 SCALE CONTRACT NO. _____

F.H. DATE _____ DESIGNED _____

JULY 2019 DATE _____ M.T. APPROVED _____

REVISION NO. _____ DRAWING NO. _____ REF. _____

KD/LE/NET/001 SHEET 2 OF 3 00