



POLE CODE LEGEND
FIVE CHARACTER POLE CODE STRUCTURES

POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5	
POLE	M.V STRUT + STAY	L.V STRUT + STAY	POLE TOP BOX	AUXILIARIES	
POSITION 1 (POLE)			CODE 1	CODE 2	CODE 3
A	5M WOODEN POLE (120mm) NO TAG		0058MAF####		
C	7M WOODEN POLE (120mm) NO TAG		0050PAF####		
D	9M WOODEN POLE (180mm) NO TAG		0055SAF####		
K	11M WOODEN POLE (160mm) NO TAG		0051RAF####		
L	11M WOODEN POLE (180mm) NO TAG				

POSITION 2 (MV STRUCTURES WITH STRUTS & STAYS)	CODE 1	CODE 2	CODE 3
A	INTERM. (0-33/64) DELTA 450mm STUD 40kN	1870W1F#N###	
E	TERMINAL DELTA 40kN 25mm L/ROD	1746W1F#N###	
B	STRAIN. (0-33/64) DELTA 40kN 25mm L/ROD	1743W1F#N###	
C	STRAIN. (1-60-33/64) DELTA 40kN 25mm L/ROD	1744W1F#N###	
D	STRAIN. (60-90-33/64) DELTA 40kN 25mm L/ROD	1745W1F#N###	
F	T-OFF FROM INTERM. DELTA 40kN 25mm L/ROD ROD	1804W1F#N###	
A	1 x STAY	0341###	
AA	2 x STAY	0341###	0341###
E	1 x STRUT	03420#	
EE	2 x STRUT	03420#	03420#
AE	1 x STAY + 1x STRUT	0341###	03420#
	1 x FLYING STAY	0343#	

POSITION 3 (LV STRUCTURES WITH STRUTS & STAYS)	CODE 1	CODE 2	CODE 3
A	INTERMEDIATE. (0-30°)	1100#B###	
B	TERMINAL	1120#B###	
C	STRAIN. (0-60°)	1121#B###	
D	STRAIN. (60-90°)	1122#B###	
E	T-OFF FROM INTERMEDIATE	1140#B###	1100W###2####
G	T-OFF FROM STRAIN	1142#B###	1122W###2####
	SINGLE PHASE		
A	INTERMEDIATE. (0-30°)	1153#R###	
B	TERMINAL	1154#R###	
C	STRAIN. (0-60°)	1155#R###	
D	STRAIN. (60-90°)	1156#R###	
E	T-OFF FROM INTERMEDIATE	1157#R###	
G	T-OFF FROM STRAIN	1159#R###	
	DUAL PHASE		
A	INTERMEDIATE. (0-30°)	1145#R###	
B	TERMINAL	1146#R###	
C	STRAIN. (0-60°)	1147#R###	
D	STRAIN. (60-90°)	1148#R###	
E	T-OFF FROM INTERMEDIATE	1149#R###	
G	T-OFF FROM STRAIN	1151#R###	
A	1 x STAY	1265###	
AA	2 x STAY	1265###	1265###
E	1 x STRUT	12670#	
	1 x FLYING STAY	1268C#	

POSITION 4 (POLE TOP BOX)	CODE 1	CODE 2	CODE 3
B	1-4 WAY WITH 50A CIRCUIT BREAKER	3055BE25#	
C	5-8 WAY WITH 50A CIRCUIT BREAKER	3055CE25#	
A	1-2 WAY WITH 50A CIRCUIT BREAKER	3055AE25#	
D	SPLITTER BOX	31880#####	

POSITION 5 (AUXILIARIES)	CODE 1	CODE 2	CODE 3
I	100kVA TRANSFORMER	1863W1F3E##	
F	50kVA TRANSFORMER	1860W1F3D##	
B	32kVA TRANSFORMER	1860W1F2B##	
K	200kVA TRANSFORMER	1863W1F3F##	
A	64kVA TRANSFORMER	1860W1FAA##	
E	Off/L Fused Links	1848W1F3VPR##	
L	Off/L Solid Links	1848W1F3VMR##	
D	LV Crowsfeet	3066####	
C	MV Crowsfeet	3066####	
F	LV Fuses	0309A3L#	
P	Pole wood; 13M Long (180 - 199mm TOP)		

POLES	CODE 1	CODE 2	CODE 3
N	12M WOODEN POLE (160MM) NO TAG	0053RAG####	
M	12M WOODEN POLE (160MM) NO TAG	0053SAF####	

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 (5.7.9m)
	ISOLATOR
	BREAKER
	AUTO RECLOSER
	SECTIONALIZER
	METERING UNIT
	FUSE ISOLATOR
	SURGE ARRESTER
	CABLE JOINT(MV+LV)
	MV CROWS FEET / EARTH SPIKE
	LV CROWS FEET / EARTH SPIKE
	HIGH MAST
	ABC CONDUCTOR 35 & 70 ? - 1 PHASE = R, W, B
	?? - 2 PHASE = RW, RB, WB 35 & 70 ONLY = 3 PHASE
	MV & LV BARE CONDUCTOR F = FOX, G = GOPHER, H = HARE, M = MINK, S = SQUIRREL, W = WOLF, R = RABBIT, O = OAK PHASES SEE ABC CONDUCTOR MV = RED, LV = GREEN
	SERVICE CONNECTIONS 4/10/16mm
	SERV. CONNec. U/G 4/10/16mm
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE
	TELKOM LINE
	TELKOM POLE

DATE: 20/09/2021
 CHD: [Signature]
 DATE: 09/10/2021
 DATE: 16/09/2021

SCALE: 1:1000

PROJECT NO. D-ST-3540

SET 1 SHEET 1 OF 1

ESKOM Distribution