



SYMBOL	DESCRIPTION
	LV POLE WITH STAY AND STRUT
	LV POLE WITH FLYING STAY
	MV POLE WITH SHORT STAY
	MV POLE WITH STAY AND STRUT
	MV POLE WITH FLYING STAY
	MV POLE WITH STAY AND FLYING STAY
	TRANSFORMER
	TRANSMISSION POLE
	LV, MV & SHARING POLES
	KICKER POLE (5.7-5m)
	ISOLATOR
	BREAKER
	SURGE ARRESTER
	CABLE JOINT (M=4.1)
	MW CROWS FEET / EARTH SPIRE
	LV CROWS FEET / EARTH SPIRE
	HIGH MAST
	ABC CONDUCTOR 35 & TO
	? - 1 PHASE = R, W, B
	? - 2 PHASE = RW, RB, WB
	? - 3 PHASE = RWB
	MV CABLE CONNECTION
	MV CABLE JOINT
	F = FOX, G = GOPHER, H = HARE,
	M = MINK, S = SQUIRREL,
	W = WOLF, R = RABBIT, O = OAK
	PHASES SEE ABC CONDUCTOR
	SERVICE CONNECTIONS 4/10/15m
	SERVO CONNECTION 1/4/2/15m
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE
	TELEPHONE POLE

CODE POSITION	1 - Poles	2 - MV Conf. Ankers	3 - LV Conf. Ankers	4 - LV Service	5 - Acc./Equip.
	<ul style="list-style-type: none"> <li>Undeclared</li> <li>G Pole 100-170m Top Str + LS 1m wood 0000490000 (x4)</li> <li>E Pole 100-170m Top Str + LS 1m Wood 0000490000 (x2)</li> <li>H Pole 100-170m Top Str + LS 1m Wood 0000490000 (x2)</li> <li>A Pole 100-170m Top Str + LS 1m Wood 0000490000 (x4)</li> </ul>	<ul style="list-style-type: none"> <li>Undeclared</li> <li>V Stay assembly wood/transformer poles 0240490000 (x2)</li> <li>U Stay assembly wood/transformer poles 2 + 0240490000 (x2)</li> <li>A My 3m 1-4-2m 2m steel beam (beam Stay) 1070000000 (x1)</li> <li>D My 3m poles 2x2.5m wooden 1-0000000000 (x4)</li> <li>C My 3m poles 2x2.5m wooden 00-0000000000 (x4)</li> <li>D My 3m poles 2x2.5m wooden steel terminal 1740000000 (x4)</li> <li>E My 3m steel-off 2x2.5m wooden cross-arm 1000000000 (x4)</li> <li>F My steel assembly steel brackets 12m pole 0300000000 (x4)</li> <li>G My 3m poles 2x2.5m wooden steel 1740000000 (x2)</li> </ul>	<ul style="list-style-type: none"> <li>Undeclared</li> <li>A LV Pole 3m maximum span 0-200m 1000000000 (x4)</li> <li>B LV Pole 3m terminal assembly 1000000000 (x2)</li> <li>C LV Pole 3m steel assembly 0-0000000000 (x2)</li> <li>D LV Pole 3m steel assembly 00-0000000000 (x4)</li> <li>E LV Pole 3m 1-off assembly from beam 1000000000 (x4)</li> <li>F LV Pole 3m steel beam-beam assembly 1000000000 (x4)</li> <li>J Service connection for concrete steel 0200000000 (x2)</li> <li>K Service connection for concrete steel 2 + 0200000000 (x2)</li> <li>L LV Pole 3m terminal assembly on LV 2 + 1000000000 (x4)</li> <li>M Stay assembly LV-20m wood poles 0240490000 (x4)</li> <li>N Stay assembly LV-20m wood poles 2 + 0240490000 (x4)</li> <li>O LV Pole steel assembly 400m pole 0240000000 (x4)</li> <li>I LV Pole steel steel 10m pole - Stay assembly 0240490000 (x2)</li> <li>P LV Pole/steel steel assembly pole 2 + 0240000000 (x2)</li> </ul>	<ul style="list-style-type: none"> <li>Undeclared</li> <li>A Box-Pole Top Split Meter 4-way 50A 2000000000 (x4)</li> <li>C Box-Pole Top Split Meter 2-way 50A 2000000000 (x2)</li> </ul>	<ul style="list-style-type: none"> <li>Undeclared</li> <li>A My 1x1 100kVA Pole platform mounted 1000000000 (x4)</li> <li>B 2m steel 700 MW 6 LV Transformer with 125A 2 + 0200000000 (x4)</li> <li>C Sectional limit fuse cut-off 2.5m wooden 104000000000 (x4)</li> <li>D Sectional limit wooden 2.5m wooden mfg 104000000000 (x4)</li> <li>E CB 100A 400V 20kA 3P J250V/400V 0-01 302A (x4)</li> <li>F My 1 + 2 canal 3 pole steel earth terminal 2000000000 (x4)</li> <li>G My 1 + 2 canal 3 pole steel earth terminal 2000000000 (x2)</li> <li>I Sectional limit wooden 2.5m wooden mfg 104000000000 (x4)</li> </ul>

ELECTRIFICATION DESIGN OF MOCHEKO  
 ADM 1.2kVA/STANDS  
 TOTAL NUMBER OF TRANSFORMERS: 4  
 4 X 100kVA 22kV/415V

DATE: 2024-08-08  
 TIME: 10:00 AM  
 PROJECT NO: 2024-08-08

ELECTRIFICATION DESIGN OF MOCHEKO		LF	MS	CS	CS/ST	CS/CS/MS/MS
REV	REVISION DESCRIPTION	BY	CHKD	DATE	SCALE	PROJECT NO.

**MOCHEKO**

**ELECTRIFICATION DESIGN**

01 02 03 04