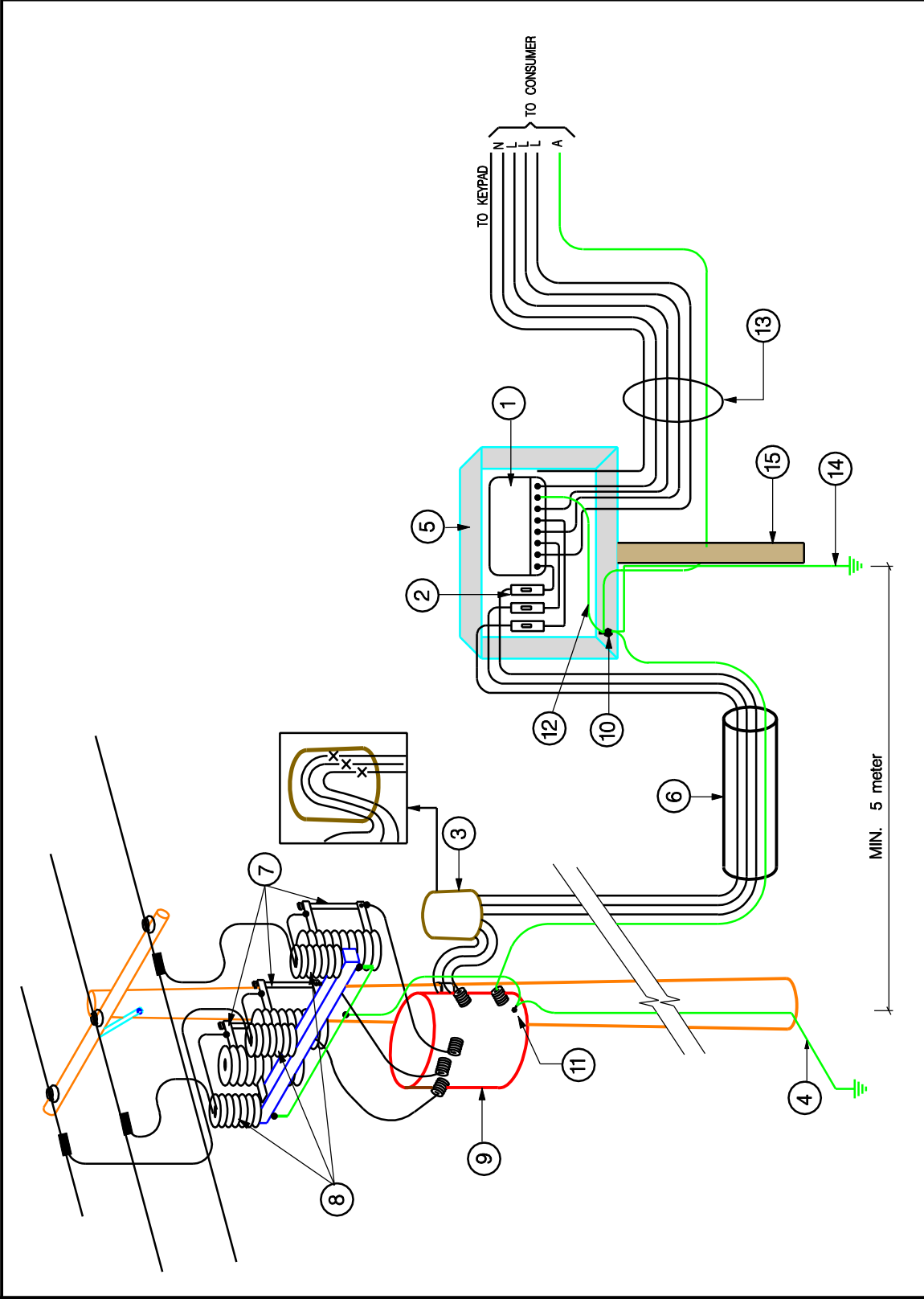




DESCRIPTION	
1. THREE PHASE BUDGET ENERGY CONTROLLER, (PREPAID SPLIT METER)	
2. 3 x 80 A,SP, CB's.	
3. POLE BOX WITH 3 x 100 A,SP, CB's	
4. MV EARTHING (SEE TS - 5 - 32)	
5. PERI-URBAN DISTRIBUTION BOX ON WOODEN POLE	
6. SUPPLY CABLE (MINIMUM 16mm ² x 4Cu).	
7. MV FUSES	
8. SURGE ARRESTORS	
9. THREE PHASE TRANSFORMER.	
10. DISTRIBUTION BOX EARTH CONNECTION POINT.	
11. TRANSFORMER EARTHING STUD	
12. BRIDGE BETWEEN NEUTRAL AND DISTRIBUTION BOX EARTH CONNECTION POINT.	
13. SERVICE CONNECTION CABLE PLUS COMMUNICATION (Max.120 meter)	
14. LV EARTHING (SEE TS - 5 - 43)	
15. 3 m WOODEN POLE	

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| 14. LV EARTHING (SEE TS - 5 - 43) | |
| 15. 3 m WOODEN POLE | |
| <u>NOTES</u> | |
| 1. NO SEPARATE EARTH CONDUCTOR SHOULD BE INSTALLED TO THE DISTRIBUTION BOX. | |
| 2. NEUTRAL AND EARTH ARE BRIDGED INSIDE THE DISTRIBUTION BOX. | |
| 3. TRANSFORMER NEUTRAL EARTHED AT DISTRIBUTION BOX ONLY | |
| 4. FEEDER CABLE AND CONSUMERS CONNECTION CABLE ARMOURING MUST BE BONDED TO THE DISTRIBUTION BOX EARTH TERMINAL | |

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CENTLEC (Pty) Ltd Reg No 2003/0662/07 PRIVATE BAG 304, BRANDHOFF 3024 Tel: 051 - 4002288 Fax: 051 - 4002288										DESIGNED	ONTWERPDATE	19 /11 /01	DATUM FIRST DRG. MAN	EERSTE TEKENAR	CHECKED	NAGESIEN	UTILIZATION	BENUTTING REGIONAL SERVICES	STREEKS-TITEL	STANDARD METHOD (TN-C-S EARTHING SYSTEM) THREE PHASE BUDGET ENERGY CONTROL SPLIT METER CONNECTION FROM 11 kV OVERHEAD NETWORK	
B.S.TSHABALALA	GETEKENSCALE	SKAAL	CHECKED	A C DE WET			NAGESIEN	BIDE JAGER	X.FAKU												
N.VERMEULEN	N.T.S						NAGESIEN	DESIGN & DEVELOPMENT	ONTWERP & ONTWIKKELING	KLIENTDIENS	EXECUTIVE MANAGER	UITVOERENDE BESTUURDER									
							AMGOOI	K V D BERG	L KRITZINGER	INGENIEURSWES	INGENIEURSWES										
										DRAWING N°.	TEKENING N° REV.	VERWYS.									
										TS - 5 - 34		Ø									