


TYPE	EARTHING LEGEND
	70mm ² EARTH MAT CABLE CONNECTED TO EARTHING SYSTEM OF DISTRIBUTION BOARD

FOR TENDER

- NOTES / LEGEND
- 1) ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH THE APPLICABLE SANS REGULATIONS & LOCAL AND MUNICIPAL REGULATIONS & BY-LAWS.
 - 2) NO PART OF THIS DRAWING MAY BE SCALED.
 - 3) ALL DIMENSIONS AND LEVELS GIVEN MUST BE CHECKED BEFORE COMMENCING ANY WORK. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER WITHOUT DELAY.
 - 4) THIS DRAWING IS ONLY FOR THE ELECTRICAL INSTALLATION PURPOSES.
 - 5) REFER TO THE LEGEND FOR DETAILS OF ELECTRICAL EQUIPMENT.
 - 6) ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH THE LATEST SANS SPECIFICATIONS.
 - 7) THE SITE ENGINEER MUST ENSURE THAT WORK IS DONE FROM THE LATEST REVISION OF DRAWINGS.
 - 8) ALL HEIGHTS ARE GIVEN ABOVE FINAL FLOOR LEVEL.
 - 9) AC MECHANICAL POINTS TO BE CONFIRMED BY THE MECHANICAL CONTRACTOR ON SITE.
 - 10) THERE MUST BE A PHYSICAL BARRIER BETWEEN ESSENTIAL & UPS SECTIONS.
 - 11) FACEPLATE OF ESSENTIAL SECTION MUST BE WHITE & UPS A SECTION MUST BE RED & UPS B SECTION MUST BE PURPLE.
 - 12) ALL DISTRIBUTION BOARDS TO HAVE 30% SPARE CAPACITY FOR FUTURE ADDITIONS.
 - 13) THE DESIGN ON THE DRAWING IS COPYRIGHT PROTECTED & REMAINS THE PROPERTY OF THE ENGINEER.

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT	REG. NO.	DATE
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AMENDMENTS CODE	
A,B,C,J / BEFORE TENDER	I.A. BY CLIENT
T0 / TENDER DRAWING	B. BY ARCHITECT
0,1,2,3 / AFTER TENDER	C. BY MECHANICAL OR ELECTRICAL
Z / AS BUILT	D. BY S/I
	E. BY OTHER ()

DATE	INITIAL	No./CODE	REVISION DESCRIPTION
22/06/2026	GH	T0	ISSUED FOR TENDER

OFFICES

PROVINCE	OFFICE	PHONE	EMAIL
Free State	Phokwane	(012) 840-1111	ph@bvi.co.za
Free State	Bethlehem	(051) 442-1212	bb@bvi.co.za
Free State	Wolkom	(057) 353-8888	ww@bvi.co.za
Northern Cape	Upington	(054) 337-6600	up@bvi.co.za
Northern Cape	Springs	(071) 712-8814	sp@bvi.co.za
Free State	Queen	(051) 385-5555	qn@bvi.co.za
Free State	Engenag	(056) 774-1112	en@bvi.co.za
Eastern Cape	Port Elizabeth	(041) 374-4343	pe@bvi.co.za
Eastern Cape	East London	(043) 758-3888	el@bvi.co.za
Western Cape	Cape Town	(021) 527-7888	ct@bvi.co.za

For contact us online go to www.bvi.co.za



50 YEAR CELEBRATION EST 1967-2017

• ENGINEERING • PROCUREMENT • MANAGEMENT

Registration no. 198602/0707

CLIENT



PROJECT

**CSIR ROSEBANK
ELECTRICAL SERVICES**

DRAWING TITLE

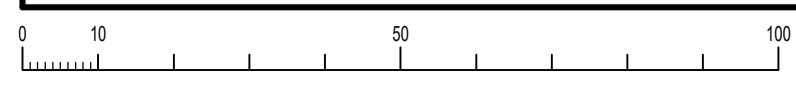
**DATA CENTER
EARTHING MAT LAYOUT**

APPROVED BY S/I

G. HALBERSTADT	20080282	22/06/2026
ENGINEER/TECHNOLOGIST	REG. NO.	DATE

SCALE	1:50 @ A1	DRAWN	WR
DESIGNED	GH	CHECKED	GH

PLAN NUMBER	REVISION NO.	DATE SAVED
32874.00C-301-01	T0	22/06/2026



32874.00-300-02 REV10.DWG