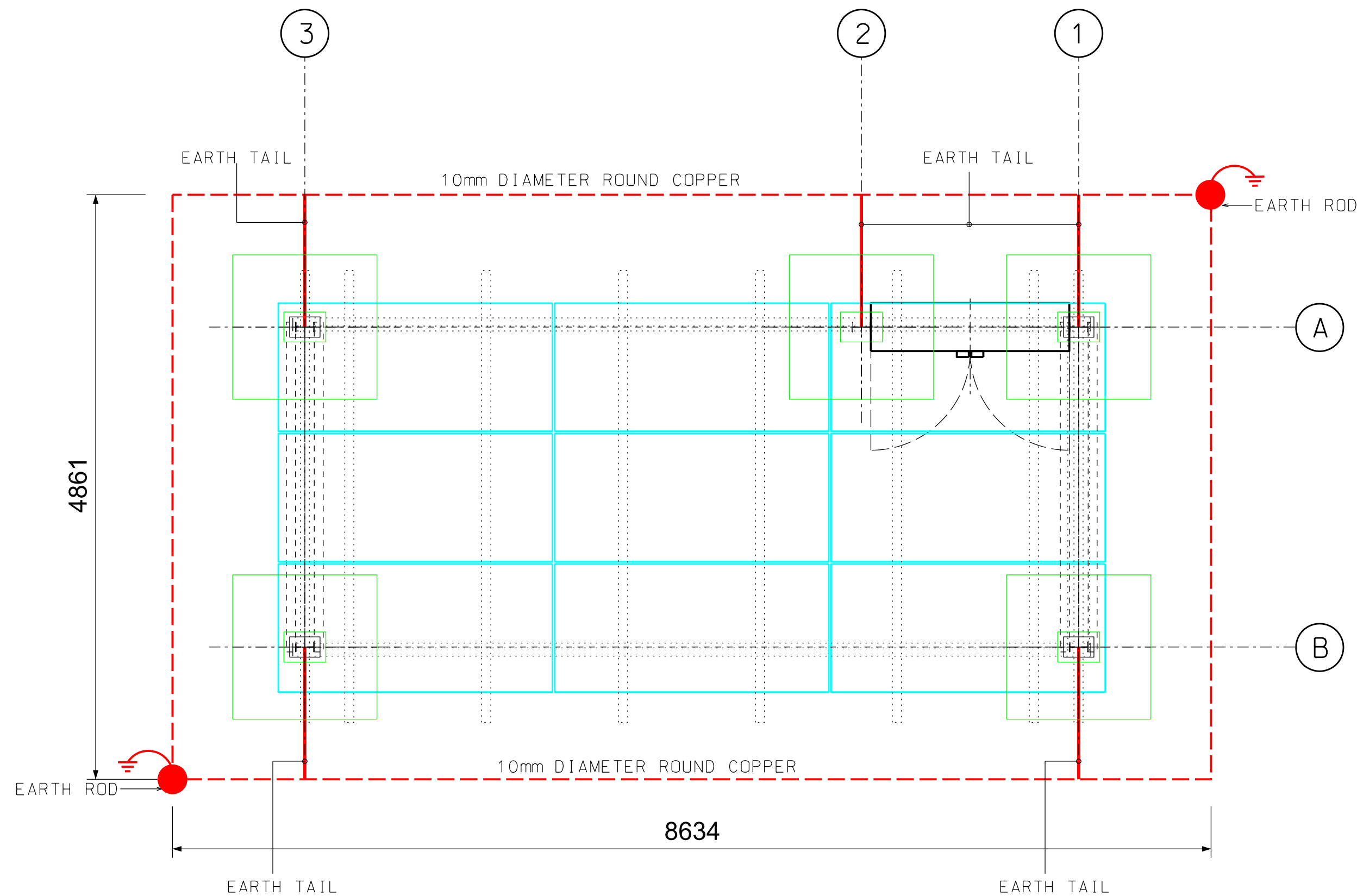




PLAN VIEW
1:100

NOTES

1. CIVIL WORKS SHALL COMPLY WITH THE DETAILED FOUNDATION.
2. WHERE MECHANICAL CONNECTIONS ARE MADE TO GALVALISED OR OTHER STEEL, ALL SURFACES SHALL BE STRIPPED OF PAINT, CLEANED AND COATED WITH ANTI-OXIDIZING ELECTRICAL COMPOUND.
3. AN INTERCONNECTING COPPER CONDUCTOR SHALL BE BURIED AT THE DEPTH OF 0.6m BELOW GROUND LEVEL.
4. MATERIAL TO BE USED FOR THE INTERCONNECTING COPPER CONDUCTOR :
- 10mm DIA. ROUND COPPER , ALL CONNECTIONS TO BE BRAIZED.
5. EACH COLUMN OF THE PV STRUCTURE AND COLUMN OF THE ENCLOSURE SUPPORTING STRUCTURE SHALL BE EARTHED THROUGH THE FOUNDATION AS PER SHEET 2, IN THE DIRECTIONS INDICATED
6. MATERIAL TO BE USED FOR THE EARTH TAILS
- 50x3.15mm FLAT CU, ALL CONNECTIONS TO BE BRAIZED.
7. EARTH TAIL CONNECTIONS FOR THE PV SUPPORT STRUCTURE AND ENCLOURE:
a) ALL FOUR CORNER COLUMNS OF THE PV SUPPORT STRUCTURE SHALL BE EARTHED.
b) SUPPORT STRUCTURES SHALL BE EARTHED THROUGH THE FOUNDATIONS
c) A 50x3.15mm FLAT CU EARTH BAR TO BE INSTALLED ON THE INSIDE OF THE ENCLOSURE TO BE FIXED TO THE M12 BOLTS STICKING THROUGH FROM THE OUTSIDE OF THE ENCLOSURE.
8. ALL CONNECTIONS TO BE CONTINUITY TESTED IN ACCORDANCE WITH 240-84854974 AND CORRECTIVE ACTION TAKEN IF REQUIRED.

ISSUED FOR TENDERING ONLY
NOT FOR CONSTRUCTION

						CHECKED S DLAMINI 31/07/2026	AUTHORIZED JK RAGHUBIR 31/07/2026
						DRAWN T NGUBO 31/07/2026	
00	TN	SD	JK R	31/07/26	FIRST ISSUE	SCALE 1:100	
REV	DRAWN	CHKD	APPROVED	DATE	REVISION DESCRIPTION		



MASHAQIYA SOLAR HOME
SYSTEM PROJECT
ELECTR. - EARTHING SYSTEM
DETAILS

DRAWING NUMBER KZN-EBC-2403-1190868	
SHEET 3 OF 4	REVISION 00