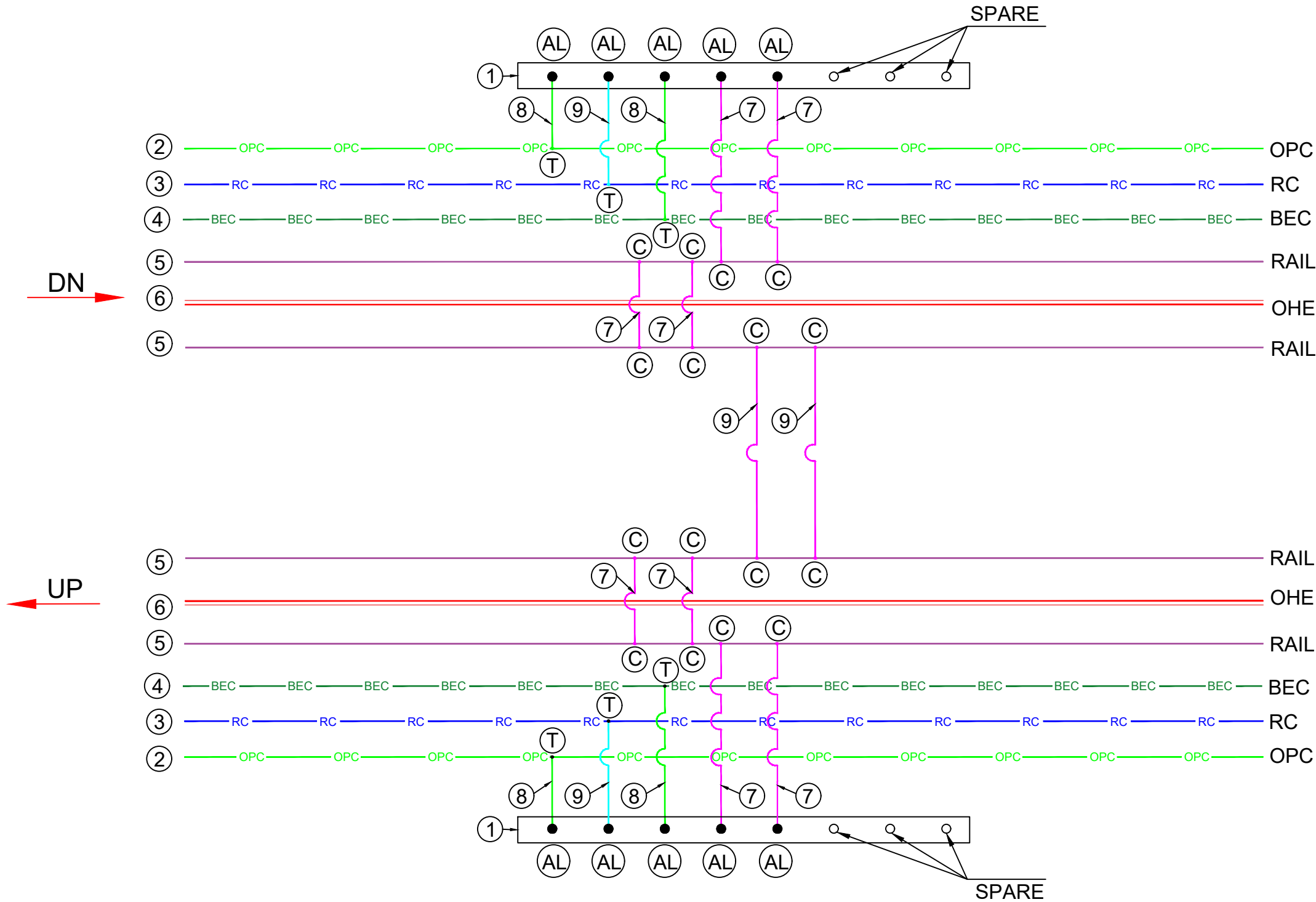




NOTES:
1. ALL CONNECTIONS TO RAILS HAVE TO BE DONE BY CAD-WELDING.

Legend:-	
Symbol	Description
AL	Aluminium Lug
C	CAD Welding
T	T- Connector

Legend:-	
MARK NO.	DESCRIPTION
1	CONNECTING STRIP(CS) - 250X50X12MM THK. ALUMINIUM PLATE.
2	OVER HEAD PROTECTION CONDUCTOR (OPC)
3	RETURN CONDUCTOR (RC)
4	BURIED EARTH CONDUCTOR (BEC)
5	RAIL
6	OVER HEAD ELECTRIFICATION (OHE)
7	120 SQMM ALUMINIUM CABLE WITH (3.3kV)
8	93.3 SQMM ACSR ALUMINIUM CABLE.
9	240 SQMM ALUMINIUM CABLE (3.3kV)

NOTES:
1. ALL DIMENSIONS ARE IN METER UNLESS MENTIONED OTHERWISE.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ANY DISCREPANCY IN THE DRAWING MUST BE BROUGHT TO THE NOTICE OF THE DESIGNER.
4. INTERFACE WITH OTHER DESIGN DISCIPLINE WILL BE DONE AS PER AVAILABILITY OF DETAILS.

REV	DATE	DESCRIPTION	Originator	Checked	Approved
R1	02-09-2024	Revised as per K-RIDE comments	KD	CK / NP	RK / SK
R0	13-08-2024	FIRST SUBMISSION	DK / SB	CK / NP	RK / SK

K RIDE		
DM / ELE / KRIDE	Sr. DGM / ELE / KRIDE	AGM / ELE / KRIDE

Certified that this document has been designed and checked in accordance with GC Quality Assurance Plan.		
Senior Discipline Expert	Chief Discipline Expert	Project Director
Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan.		
Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP		
SYSTRAM CONSULTING (INDIA) PVT. LTD.		
10th and 11th Floor, Tower-B, 12/3, Vattika Mindspace, Mathura Road, NH2, Sector 27D, Faridabad, Haryana 121013		
Drawn	Checked:	Approved:
D. Kumar	D. Kalyan	R. Kapoor
S. Bhati	N. Parmar	S. Kumar

Client:		RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED	
Project Title: Bengaluru Suburban Rail Project (BSRP)		(Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP)	
Corridor-2 & 4		Project Stage:	
Drawing Title:		Tender Drawing	
TYPICAL INTEGRATED EARTHING SCHEME - ARRANGEMENT AT ITL (INTEGRAL TRANSVERSE LINK) FOR BOTH ELEVATED & ATGRADE			
Paper Size: A3	Discipline: Power Supply & Traction System	Date: 13/08/2024	Scale: NTS
Drawing no.: KRDD01-TDR-GEN-GEN-OCS-DWG-00020	Revision: R1		

FOR TENDER PURPOSE ONLY