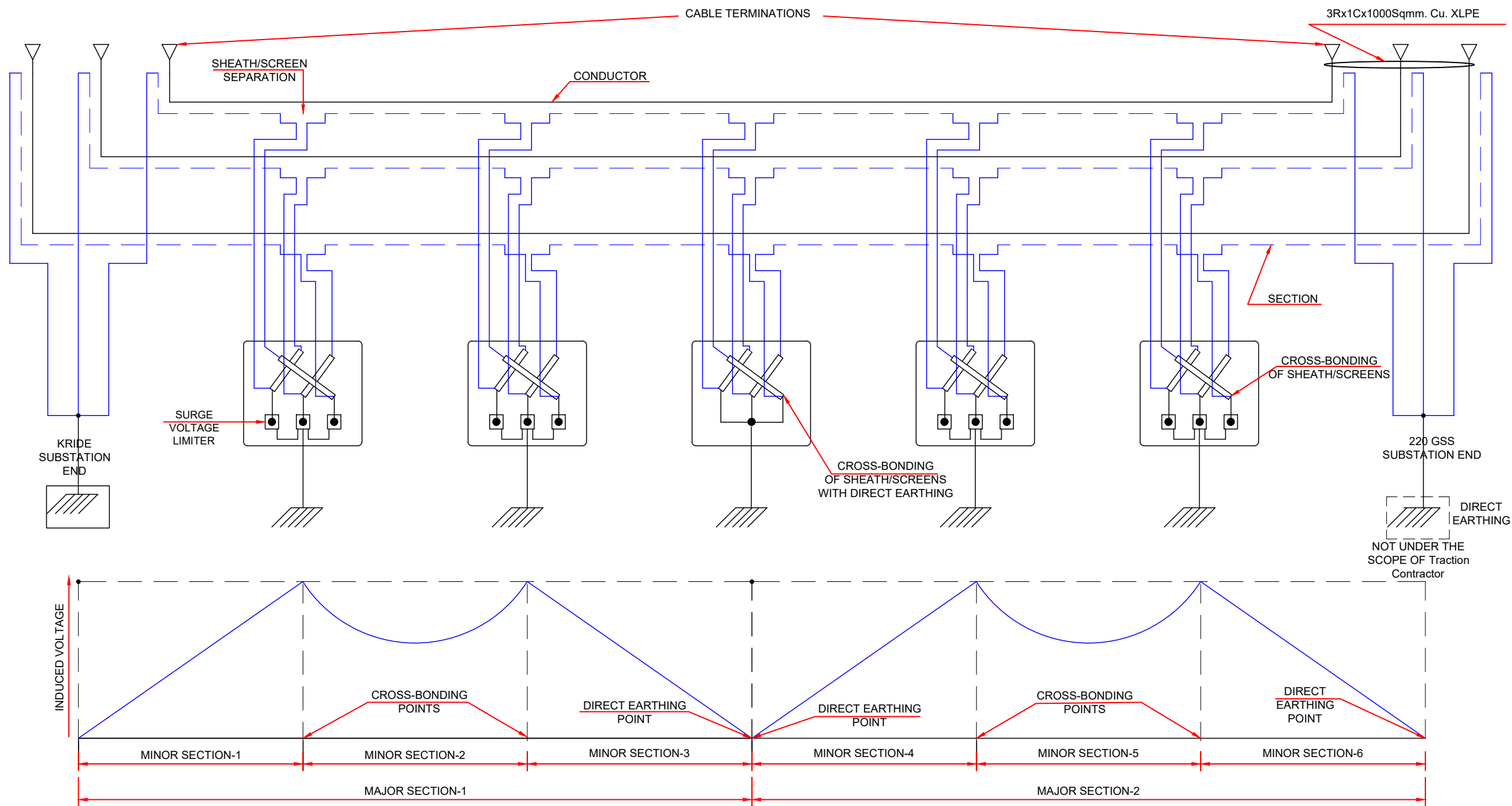




- NOTE:
- THIS DRAWING IS INDICATIVE AND FOR TENDER PURPOSE ONLY AND CONTRACTOR SHALL DEVELOP THE DRAWING FOR CLIENT APPROVAL.
 - THE LENGTH OF THE SECTION AND TOTAL LENGTH ARE TENTATIVE AND ARE SUBJECT TO CHANGE DURING EXECUTION STAGE.
 - CONTRACTOR SHALL PRODUCE THE SHEATH VOLTAGE CALCULATION DURING ENGINEERING STAGE AND ACCORDINGLY SUBMIT THE GFC DRAWINGS FOR ENGINEER'S APPROVAL.
 - EARTH MAT / EARTH PIT AT KPTCL/GSS END ARE NOT UNDER THE SCOPE OF TRACTION CONTRACTOR.
 - JOINTING AND CROSS BONDING BAYS MENTIONED ABOVE ARE TENTATIVE.THE QUANTITY MAY INCREASE OR DECREASE DURING EXECUTION STAGE. FINAL PAYMENT SHALL BE MADE BASED ON THE EXECUTED CABLE ROUTE LENGTH ONLY.
 - CABLE TERMINATION AT KPTCL/GSS END IS UNDER THE SCOPE OF TRACTION CONTRACTOR.
 - THIS INDICATIVE DRAWING IS BASED ON THE CROSS BONDING OF CABLES TO BE DONE BY TRACTION CONTRACTOR CONSIDERING ACTUAL SHEATH INDUCED VOLTAGE AT FULL LOAD CURRENT.

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

R1	02-09-2024	SECOND SUBMISSION	K.B	V.S/R.K	SK
R0	08-08-2024	FIRST SUBMISSION	K.B	V.S/R.K	SK
REV	DATE	DESCRIPTION	Originator	Checked	Approved

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.

egis AECOM WSP
EGIS-AECOM-WSP
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

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Client: K RIDE	
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 (Benniganahalli - Soladevanahalli)	
Drawing Title: TYPICAL 220kV CABLE CROSS BONDING ARRANGEMENT FROM 220kV KPTCL SUBSTATION TO KRIDE 220kV SUBSTATION	Project Stage: Preliminary Design
Paper Size: A3 Discipline: Power Supply & Traction System	Date: 08/08/2024 Scale: TS/NTS
Drawing no.: KRDD01-TDR-GEN-GEN-TPS-DWG-00022	Revision: R1

FOR TENDER PURPOSE ONLY