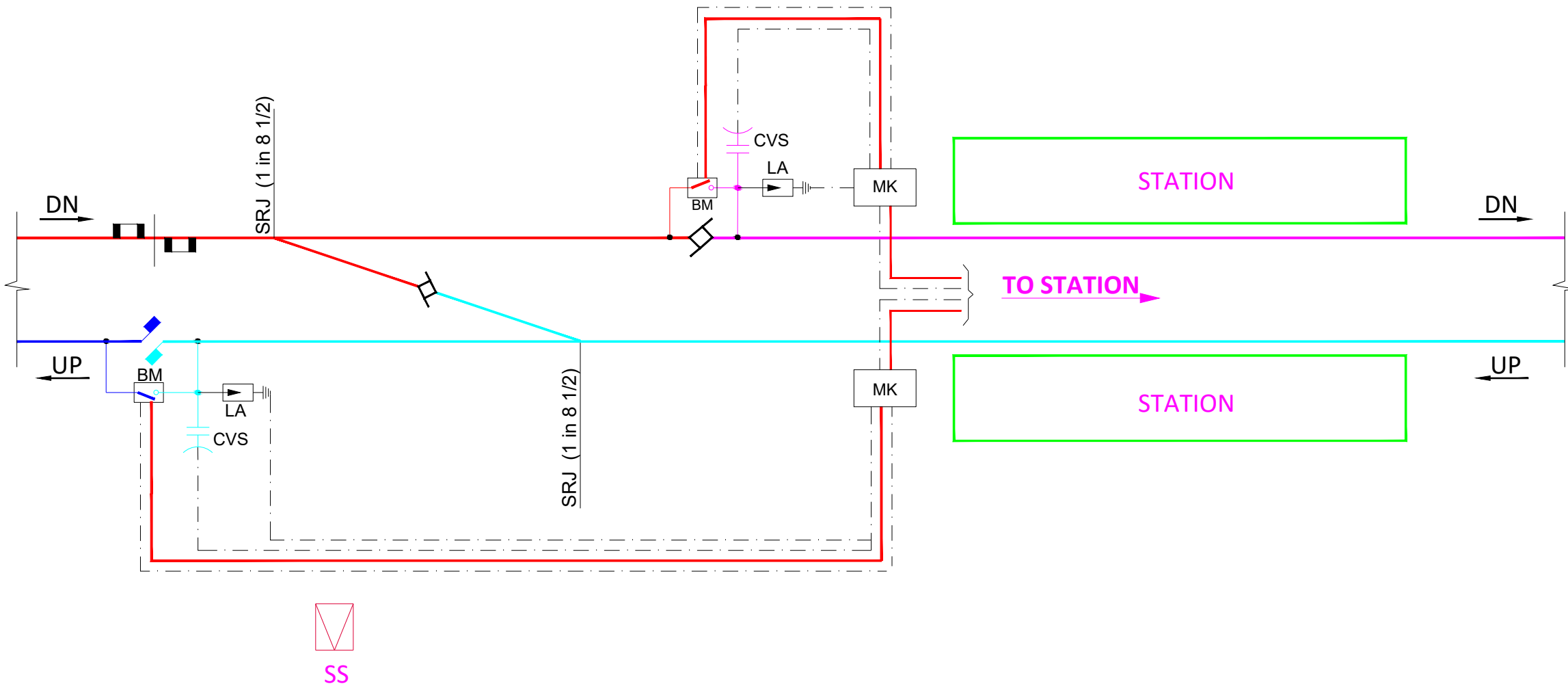




- NOTES:**
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
 3. THIS IS JUST TYPICAL ARRANGEMENT AND MAY CHANGE DURING DETAIL DESIGN STAGE AS PER VENDOR DRAWINGS.
 4. FROM SAFETY POINT OF VIEW, MESH FRAME SHOULD BE PROVIDED AT COUNTRY SIDE OF POTENTIAL TRANSFORMER & LIGHTNING ARRESTER.
 5. LIGHTNING ARRESTERS HAVE BEEN PROPOSED ALONG WITH POTENTIAL TRANSFORMER.
 6. ALL EQUIPMENTS WILL BE SUPPORTED ON B200 MAST.
 7. JUMPERS CONNECTING EQUIPMENT TO OHE SHOULD HAVE SUITABLE ELECTRICAL CLEARANCES.
 8. SUITABLE CLEARANCES SHOULD BE MAINTAIN BETWEEN ALL EQUIPMENT AND SUPPORTING STRUCTURE.
 9. FENCING PANEL AND GATE UPRIGHT SHALL BE PAINTED WITH TWO COATS OF RED OXIDE. ZINC CHROMATE PRIMER CONFIRMED TO IS-2047 AND FINISHED WITH TWO COATS OF AL. PAINT CONFIRMED TO IS-2339.
 10. FOR DETAILS OF FENCING PANEL, DOOR PANEL, UPRIGHT AND ANTICLIMBING DEVICE REF. DRG. NO. CORE/ALD/PSI/01.
 11. EARTHING OF LA SHALL BE DONE BY CONNECTING TO TWO DIFFERENT EARTH PITS (AT GRADE)/PIERS (VIADUCT).
 12. ALL TENDER DRAWINGS ARE INDICATIVE ONLY.

LEGEND		
S. No.	SYMBOLS	DESCRIPTION
1.		25kV POTENTIAL TRANSFORMER
2.		INTERRUPTER
3.		SECTION INSULATOR
4.		CONTROL CABLES
5.		LT POWER SUPPLY CABLES
6.		LIGHTNING ARRESTOR (LA)
7.		CAPACITIVE VOLTAGE SENSOR (CVS)

NOTES:

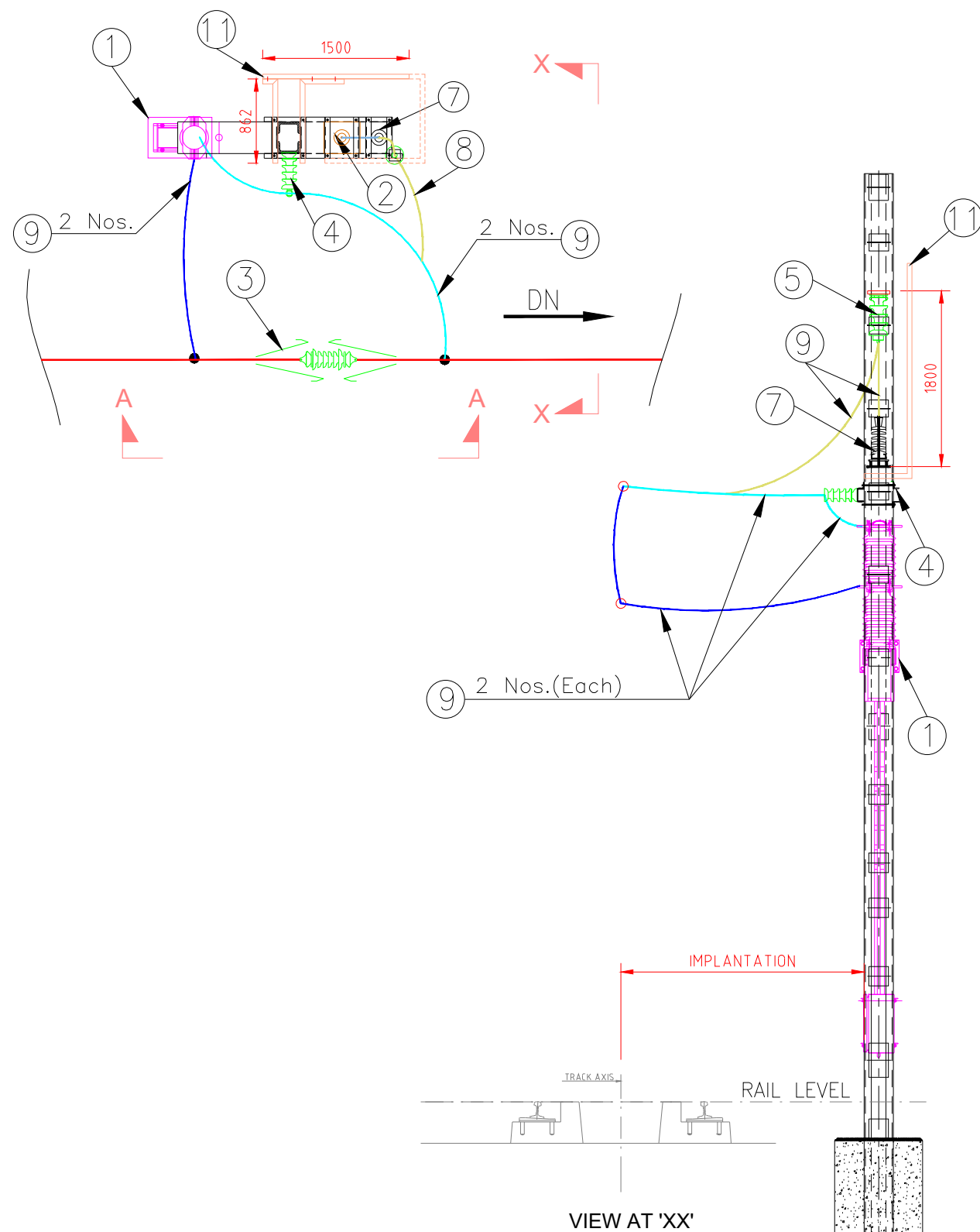
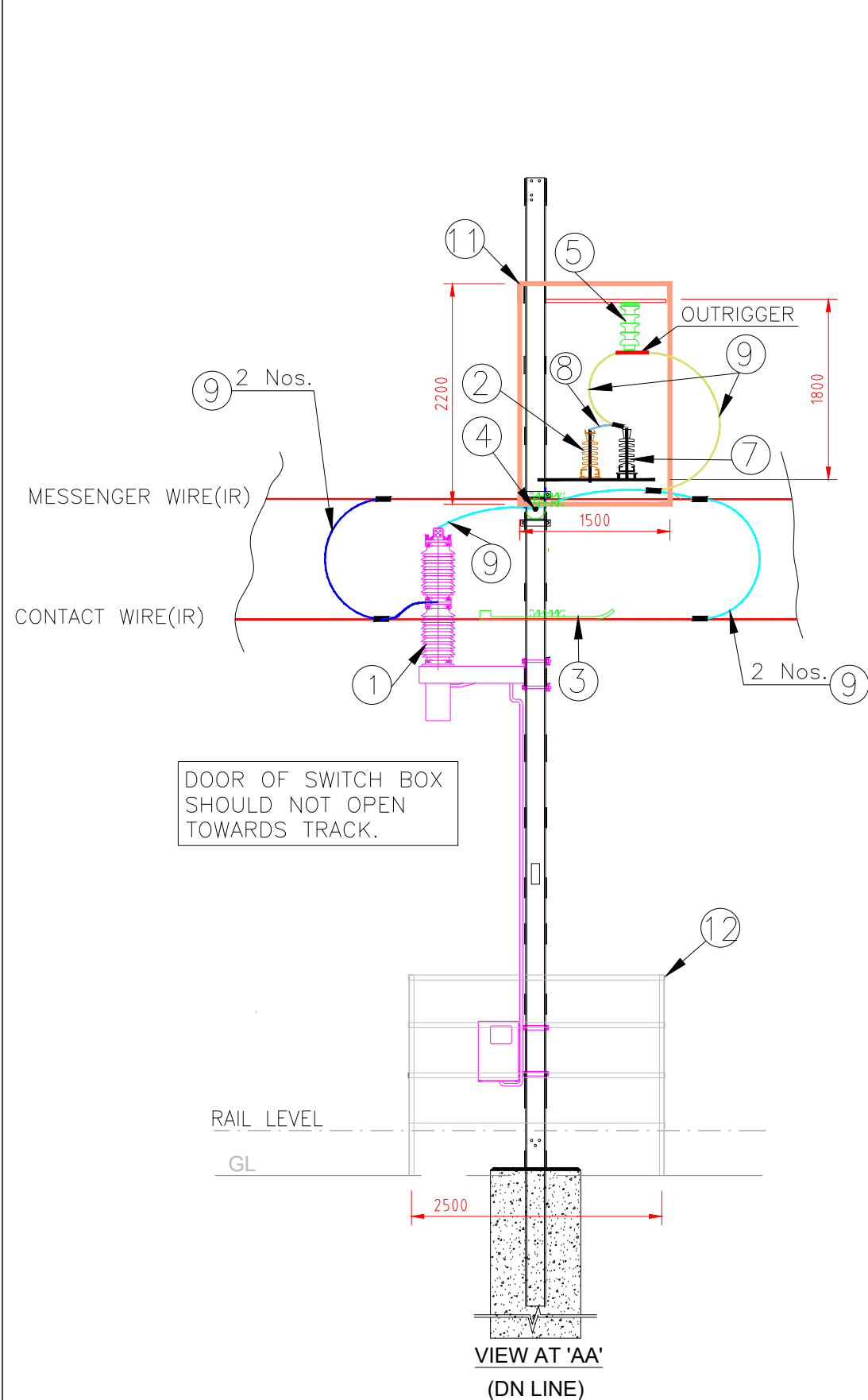
1. ALL DIMENSIONS ARE IN METER UNLESS MENTIONED OTHERWISE.

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.

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LEGEND		
S. No.	SYMBOLS	DESCRIPTION
1.		25kV POTENTIAL TRANSFORMER
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4.		CONTROL CABLES
5.		LT POWER SUPPLY CABLES
6.		LIGHTNING ARRESTOR (LA)
7.		CAPACITIVE VOLTAGE SENSOR (CVS)

LEGEND		
①	25KV INTERRUPTER	
②	CAPACITIVE VOLTAGE SENSOR (CVS)	
③	25KV SECTION INSULATOR	
④	25KV POST INSULATOR WITHOUT OUTRIGGER	
⑤	25KV POST INSULATOR WITH OUTRIGGER	
⑥	25KV CUT IN INSULATOR	
⑦	25 KV LIGHTNING ARRESTOR	
⑧	75 SQ MM Cu. JUMPER WIRE	
⑨	120 SQ MM Cu. JUMPER WIRE	
⑩	DELETED	
⑪	SAFETY SCREEN PANEL	
⑫	FENCING	

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.

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

SYSTRAM SYSTRAM/VA CONSULTING (INDIA) PVT. LTD.

10th and 11th Floor, Tower-B, 12/3, Vatika Mindspace, Mathura Road, NH2, Sector 27D, Faridabad, Haryana 121015

Drawn: D. Kumar, S. Bhati Checked: D. Kalyan, N. Parmar Approved: R. Kapoor, S. Kumar

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 & 4

Drawing Title: SUB-SECTIONING POST (SS)
PLAN & ELEVATION VIEW AT DN LINE
(SHEET-2 OF 3)

Project Stage: Tender Drawing

Paper Size: A3 Discipline: Power Supply & Traction System Date: 13/08/2024 Scale: NTS

Drawing no.: KRDD01-TDR-GEN-GEN-OCS-DWG-00024 Revision: R1

 K RIDE			Certified that this document has been designed and checked in accordance with GC Quality Assurance Plan.			Client:  RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED	
			  EGIS-AECOM-WSP			Project Title: Bengaluru Suburban Rail Project (BSRP) (Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP)	
DM / ELE / KRIDE	Sr. DGM / ELE / KRIDE	AGM / ELE / KRIDE	Senior Discipline Expert	Chief Discipline Expert	Project Director	Project Title: Bengaluru Suburban Rail Project (BSRP) (Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP)	
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 			SYSTRA M/A CONSULTING (INDIA) PVT. LTD. 10th and 11th Floor, Tower-B, 12/3, Vatika Landscapes, Mathura Road, NH2, Sector 27D, Faridabad, Haryana 121013			CORRIDOR-2 & 4	
			Drawn:  Checked:  Approved: 			Drawing Title: SUB-SECTIONING POST (SS) PLAN & ELEVATION VIEW AT UP LINE (SHEET-3 OF 3)	
			Paper Size: A3			Discipline: Power Supply & Traction System	
			Date: 13/08/2024			Scale: NTS	
			Drawing no.: KRDD01-TDR-GEN-GEN-OCS-DWG-00024			Revision: R1	