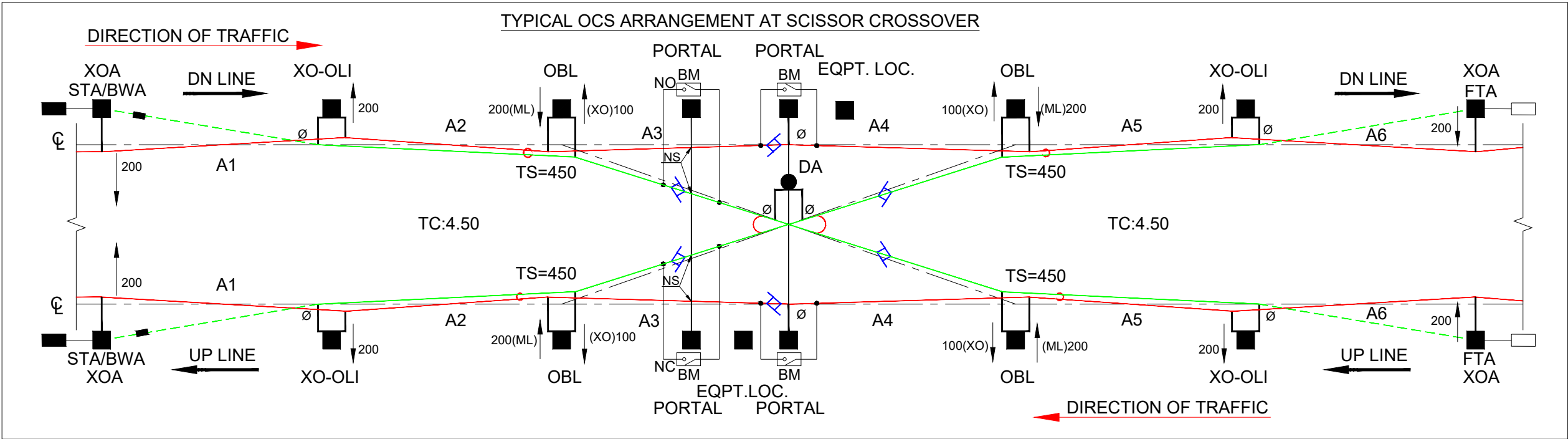


LEGEND:-

S.NO	SYMBOL	DESCRIPTION
1		CUT-IN-INSULATOR
2		SECTION INSULATOR
3	NS	NOT SUPPORTED
4	FTA	FIXED TERMINATION ANCHOR
5	ML	MAIN LINE
6	XO	CROSS OVER
7	STA	SPRING TYPE ANCHOR
8	BWA	BALANCE WEIGHT ANCHOR
9	XOA	CROSS-OVER ANCHOR
10	XO-OLI	CROSS-OVER OVERLAP INTER
11	OBL	OBLIGATORY LOCATION
12		INTERRUPTER (BM)
13		G JUMPER
14		MAST SINGLE CANTILEVER
15		MAST TWIN CANTILEVER
16		DROP ARM (DA)
17		PORTAL
18		IN-RUN WIRE
19		OUT OF RUN WIRE
20	A1,A2,A3, A4,A5,A6	SPAN
21		STAGGER

- NOTE:-
1. ALL DIMENSIONS ARE IN METRE EXCEPT STAGGER AND TRACK SEPARATION(TS) WHICH ARE IN MM.
 2. CROSSOVER CONTACT WIRE WILL BE 50 MM ABOVE MAIN LINE WIRE.
 3. AT THE STRUCTURE ADJACENT TO THE CROSSOVER REGISTRATION POINT THE CROSSOVER CONTACT WIRE IS TO BE 500MM ABOVE THE MAIN LINE CONTACT WIRE, THE CROSSOVER CONTACT WIRE WILL NORMALLY BE ANCHORED 900MM ABOVE THE MAIN LINE CONTACT WIRE TWO STRUCTURES FROM THE CROSSOVER REGISTRATION POINT.
 4. CROSSOVER SUPPORT STRUCTURES TO BE PLACED BETWEEN 150MM-700MM TRACK SEPARATION (TS), NORMALLY AT 450MM DEPENDANT UPON THE CROSSOVER TYPE.
 5. OBLIGATORY LOCATION HAS BEEN SHOWN AT THEORETICAL CENTRE OF THE CROSS-OVER , WHERE TRACK SEPERATION (TS) IS ASSUMED AS 450MM.
 6. EQUIPMENT LOCATION HAS BEEN SHOWN AT A DISTANCE OF 3 M APPROX.
 7. SECTION INSULATORS SHALL BE INSTALLED AT A SUITABLE LOCATION ALONG THE SPANS TO GET ADEQUATE CLEARANCE.



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
R0	13-08-2024	FIRST SUBMISSION	DK / SB	CK / NP	RK / SK

K RIDE

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

EGIS-AECOM-WSP

Senior Discipline Expert Chief Discipline Expert Project Director

SYSTRAM

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Drawn: D. Kumar, S. Bhati

Checked: D. Kalyan, N. Parmar

Approved: R. Kapoor, S. Kumar

FOR TENDER PURPOSE ONLY

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-4 (HEELALIGE - RAJANKUNTE)

Drawing Title: SCHEMATIC DRAWING OF DIAMOND CROSSING WIRING

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-00013 Revision: R0