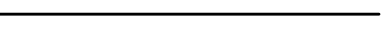
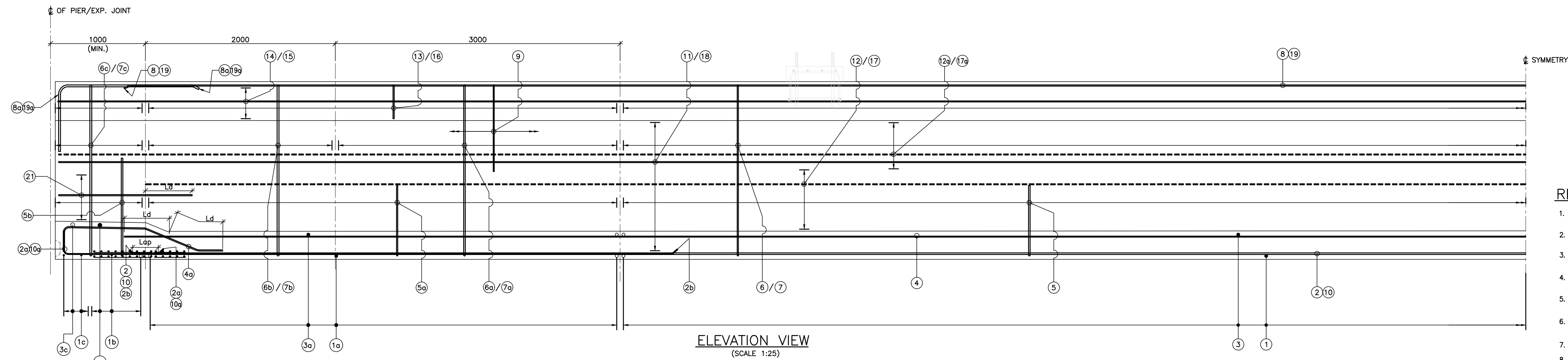
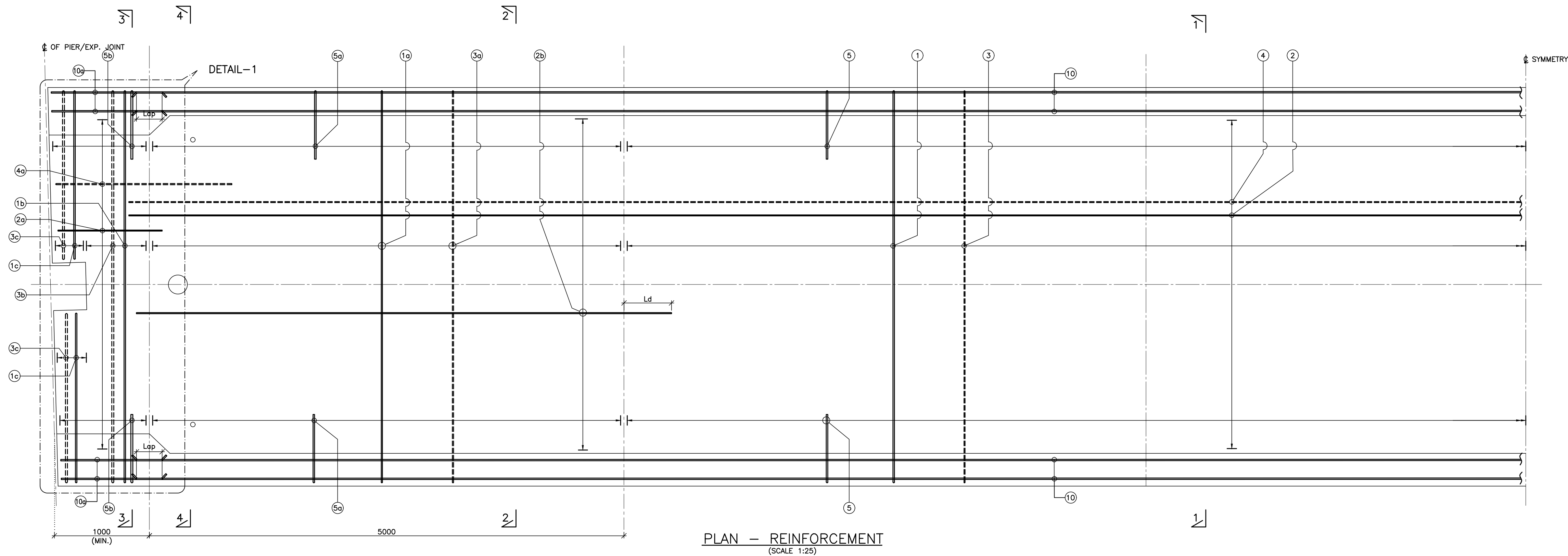


NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE MENTIONED.
2. DIMENSIONS ARE NOT TO BE SCALED, FOLLOW ONLY WRITTEN DIMENSIONS.
3. ALL REINFORCEMENTS SHALL BE Fe-500 CONFORMING TO IS-1786.
4. GRADE OF CONCRETE SHALL BE M60.
5. MINIMUM CLEAR COVER TO ANY REINFORCEMENT SHALL BE 35mm.
6. DEVELOPMENT LENGTH REPRESENTED BY L_d SHALL BE EQUAL TO 41 TIMES THE DIA OF THE BAR.
7. LAP LENGTH SHALL BE EQUAL TO 58 TIMES THE DIA. OF BAR AND NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT A SECTION.
8. ALL LAPS SHALL BE STAGGERED, NOT MORE THAN 50% OF REINFORCEMENT SHALL BE LAPPED AT ANY SECTION.
9. ADEQUATE LINKS/SPACER BARS SHALL BE PROVIDED FOR PROPER POSITIONING OF REINFORCEMENT.
10. FAR FACE BARS SHOWN THUS 
11. TRANSVERSE BARS ARE TO BE ARRANGED RADIALY, WHERE SPACING IS GIVEN THEY ARE ALONG OUTER PERIPHERY OF CURVE (MAXIMUM SPACING)
12. DOWEL BARS FOR RAIL PLINTH AND ONE MAST PEDESTAL SHALL BE LEFT BEFORE CONCRETING.

**GOOD FOR CONSTRUCTION**

REFERENCE DRAWINGS: (LATEST REVISION)

1. 022077-BSRP-CR2-C-VD-GEN-30-1021 - GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 25M CURVED SPAN SUPERSTRUCTURE (R \geq 438M & R \leq 540M)
2. 022077-BSRP-CR2-C-VD-GEN-30-1022 - GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 25M CURVED SPAN SUPERSTRUCTURE (R \geq 438M & R \leq 540M)
3. 022077-BSRP-CR2-C-VD-GEN-30-1023 - PRE TENSIONED STRAND DETAILS FOR 25M CURVED SPAN SUPERSTRUCTURE (R \geq 438M & R \leq 540M)
4. 022077-BSRP-CR2-C-VD-GEN-30-1025 - REINFORCEMENT DETAILS OF 25M CURVED SPAN SUPERSTRUCTURE (R \geq 438M & R \leq 540M) SHEET 1 OF 2
5. 022077-BSRP-CR2-C-VD-GEN-30-1025 - REINFORCEMENT DETAILS OF 25M CURVED SPAN SUPERSTRUCTURE (R \geq 438M & R \leq 540M) SHEET 2 OF 2
6. 022077-BSRP-CR2-C-VD-GEN-30-1026 - GAUGES AND CLEARANCES - 25 M SPAN - FOR (R \geq 438M & R \leq 540M) PLAN VIEW & SECTION VIEW
7. 022077-BSRP-CR2-C-VD-GEN-30-5001 - PRE TENSIONED STRAND DETAILS FOR U-GIRDER
8. 022077-BSRP-CR2-C-VD-GEN-30-5006 - TYPICAL DETAIL OF ANCHOR & REINFORCEMENT OF PEDESTAL & WEB OF U-GIRDER AT ONE MAST LOCATION
9. 022077-BSRP-CR2-C-VD-GEN-30-5021 - PLACING OF U-GIRDER AND I-GIRDER FOR CR2 & CR4
10. 022077-BSRP-CR2-C-VD-GEN-30-5008 - TYPICAL REINFORCEMENT DETAILS AT LIFTING HOLE LOCATION FOR U-GIRDER

LICENSE:

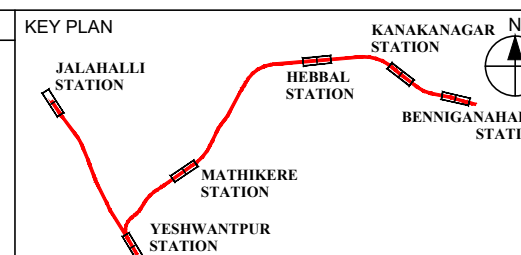
"THIS DESIGN FOR THE PROJECT HAVE BEEN PREPARED UNDER LICENSE FROM M/S SYSTRA"

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE MENTIONED.
 2. DIMENSIONS ARE NOT TO BE SCALED, FOLLOW ONLY WRITTEN DIMENSIONS.

LEGEND :

REFERENCE DRAWINGS :

REFERENCE DOCUMENTS :



STATION BOX KEY PLAN

REV	DATE	DESCRIPTION
0	15.07.2024	GOOD FOR CONSTRUCTION
D	29.04.2024	REVISED BY ADDING PARENT NOTE & UPDATED LIFTING POINTS
C	01.12.2023	REVISED AS PER GC'S COMMENTS THROUGH LETTER NO. 1053
B	09.10.2023	REVISED DRAWING AS DRAWING CHANGED FROM ONE DIMENSIONAL TO TWO DIMENSIONAL AND AS PER GC'S COMMENTS
A	13.07.2023	FOR APPROVAL

REVISIONS	CONTRACTOR
	TRANSPORTATION INFRASTRUCTURE IC EDRC-SPECIAL BRIDGES
	DETAILED DESIGN CONSULTANT (DDC): SYSTRA CONSULTANTS PVT. LTD. P.O. Box 100, Bangalore-560002 Tel: 080-2818 1000 www.systra.com
	PROOF CONSULTANT (PC): Indian Institute of Technology Madras IIT P.O., Chennai 600 036 INDIA

QUALITY ASSURANCE	GENERAL CONSULTANTS
The responsibility of control, check and verification of accuracy, correctness, completeness, integration and full compliance of Contract provisions in respect of design analysis and drawing rests with Design & Build Contractor.	CHECKED & APPROVED NAME SIGN PROJECT DIRECTOR
DDC	COUNTER SIGN NAME SIGN PROJECT DIRECTOR
PC	CIVIL/GAD CIVIL/ALIGNMENT CIVIL/STRUCTURAL CIVIL/GEOTECH
Contractor	SIGN DATE NAME PREPARED BY

EMPLOYER	GENERAL CONSULTANTS
RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED	AECOM egis WSP AECOM-EGIS-WSP
DESIGNATION	SIGN
DATE	DATE
CIVIL/GAD	CIVIL/ALIGNMENT
CIVIL/STRUCTURAL	CIVIL/GEOTECH

PROJECT	DRAWING TITLE	DRAWING NO.	REVISION	DWG STATUS
BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2	REINFORCEMENT DETAILS OF 25M CURVED SPAN SUPERSTRUCTURE (R \geq 438M & R \leq 540M)	022077-BSRP-CR2-C-VD-GEN-30-1024	0	C

SCALE	DATE	SHEET SIZE
AS SHOWN	15.07.2024	A1