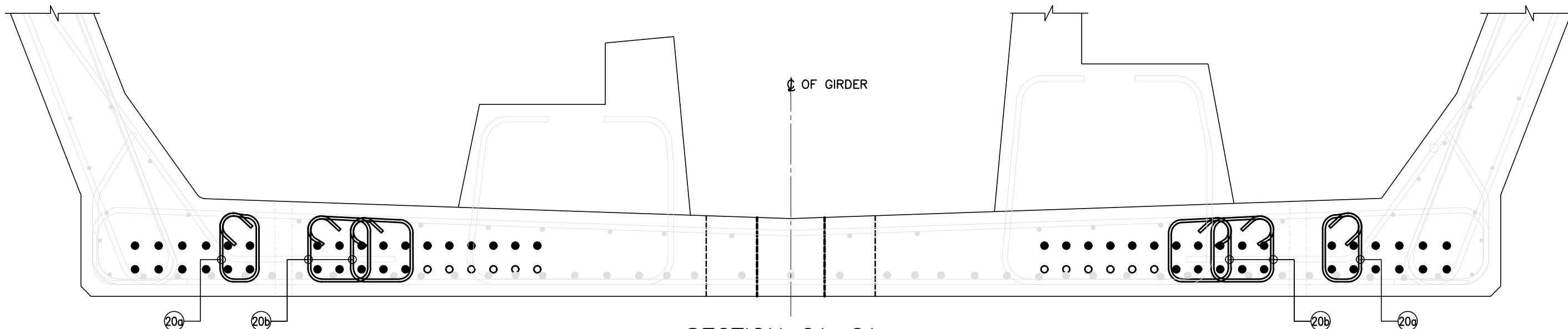
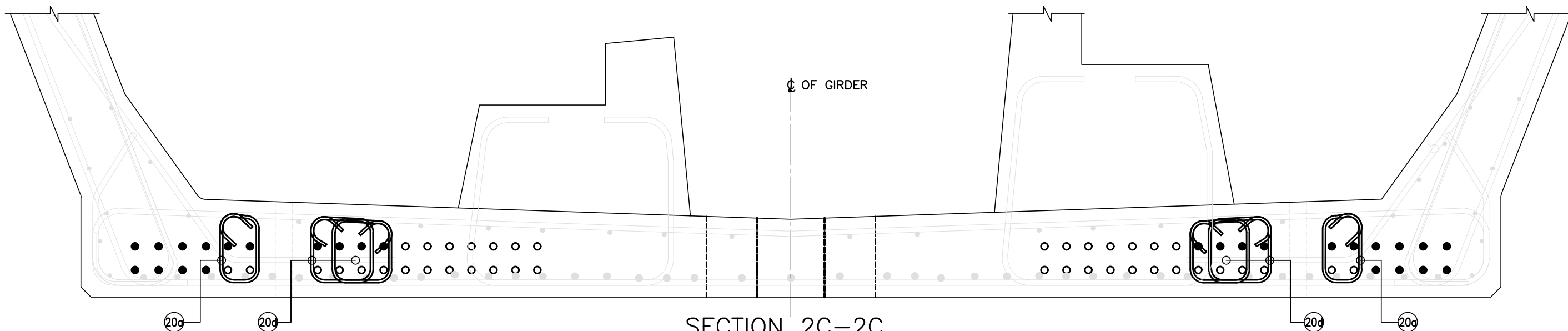


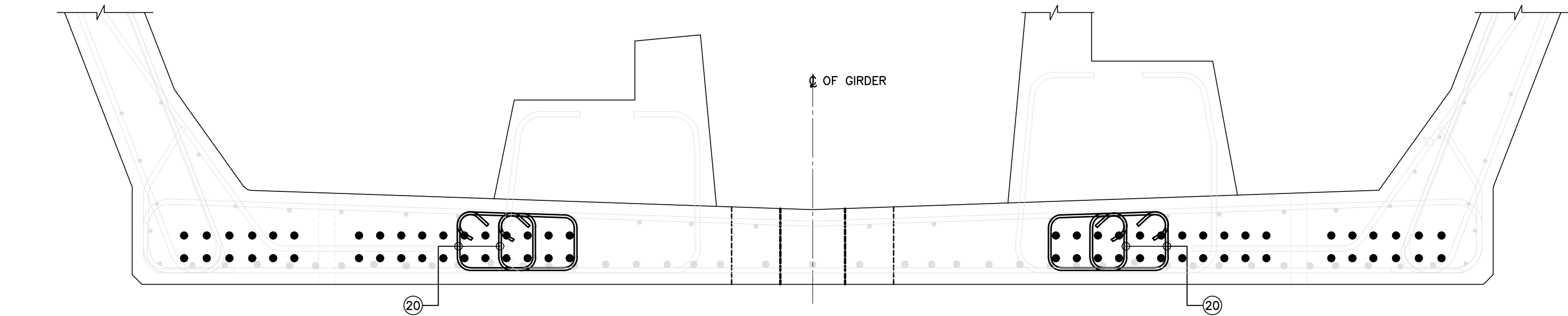
PLAN - STIRRUPS REINFORCEMENT
(SCALE 1:25)
(ONLY STIRRUPS REINFORCEMENT SHOWN)



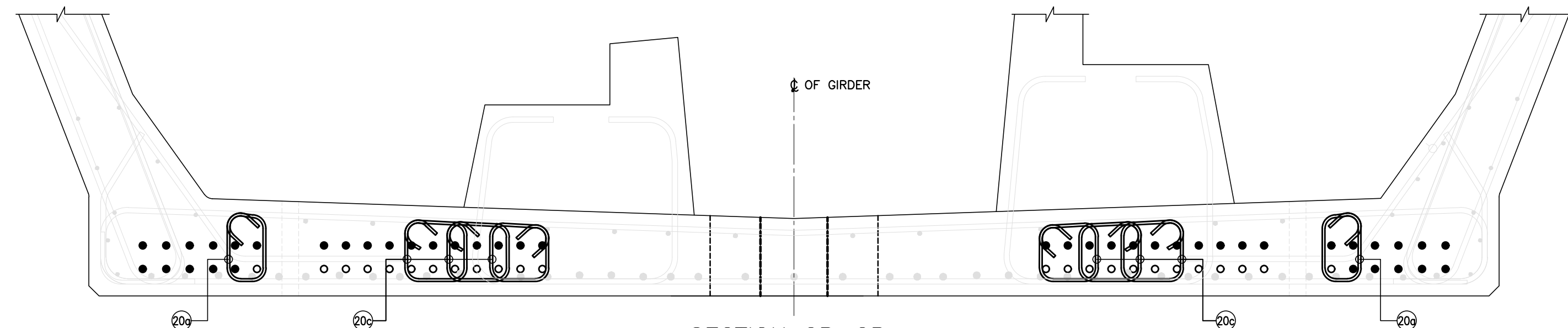
SECTION 2A-2A
(SCALE 1:12)
(BAR NO 27 NOT SHOWN FOR CLARITY)



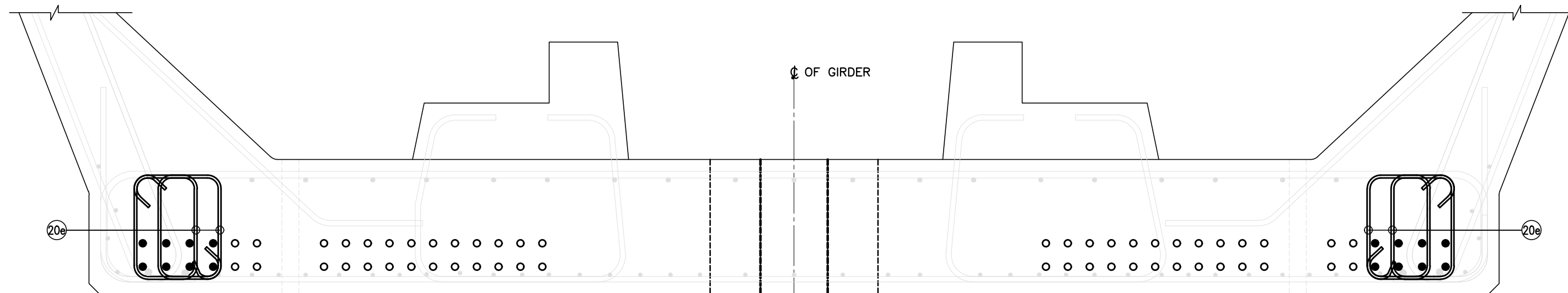
SECTION 2C-2C
(SCALE 1:12)
(BAR NO 27 NOT SHOWN FOR CLARITY)



SECTION 1A-1A
(SCALE 1:12)
(BAR NO 26 NOT SHOWN FOR CLARITY)



SECTION 2B-2B
(SCALE 1:12)
(BAR NO 27 NOT SHOWN FOR CLARITY)



SECTION 3A-3A
(SCALE 1:12)

REFERENCE DRAWINGS: (LATEST REVISION)

- 022077-BSRP-CR2-C-VD-GEN-30-1021 - GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 25M CURVED SPAN SUPERSTRUCTURE(R₂438M & R<540M)
- 022077-BSRP-CR2-C-VD-GEN-30-1022 - GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 25M CURVED SPAN SUPERSTRUCTURE(R₂438M & R<540M)
- 022077-BSRP-CR2-C-VD-GEN-30-1023 - PRE-TENSIONED STRAND DETAILS FOR 25M CURVED SPAN SUPERSTRUCTURE(R₂438M & R<540M)
- 022077-BSRP-CR2-C-VD-GEN-30-1025 - REINFORCEMENT DETAILS OF 25M CURVED SPAN SUPERSTRUCTURE (R₂438M & R<540M) SHEET 1 OF 2
- 022077-BSRP-CR2-C-VD-GEN-30-1025 - REINFORCEMENT DETAILS OF 25M CURVED SPAN SUPERSTRUCTURE (R₂438M & R<540M) SHEET 2 OF 2
- 022077-BSRP-CR2-C-VD-GEN-30-1026 - GAUGES AND CLEARANCES - 25 M SPAN - FOR (R₂438M & R<540M) PLAN VIEW & SECTION VIEW
- 022077-BSRP-CR2-C-VD-GEN-30-5001 - PRE-TENSIONED STRAND DETAILS FOR U-GIRDER
- 022077-BSRP-CR2-C-VD-GEN-30-5006 - TYPICAL DETAIL OF ANCHOR & REINFORCEMENT OF PEDESTAL & WEB OF U-GIRDER AT ONE MAST LOCATION
- 022077-BSRP-CR2-C-VD-GEN-30-5021 - PLACING OF U-GIRDER AND I-GIRDER FOR CR2 & CR4
- 022077-BSRP-CR2-C-VD-GEN-30-5008 - TYPICAL REINFORCEMENT DETAILS AT LIFTING HOLE LOCATION FOR U GIRDER



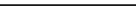
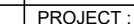


LICENSE:

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

NOTES:

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

GOOD FOR CONSTRUCTION

NOTES :				LEGEND :		REFERENCE DRAWINGS :		REFERENCE DOCUMENTS :		KEY PLAN		STATION BOX KEY PLAN	
1. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE MENTIONED. 2. DIMENSIONS ARE NOT TO BE SCALED, FOLLOW ONLY WRITTEN DIMENSIONS.													
REVISIONS				CONTRACTOR :		QUALITY ASSURANCE		GENERAL CONSULTANTS		EMPLOYER :		PROJECT :	
				 TRANSPORTATION INFRASTRUCTURE IC EDRC-SPECIAL BRIDGES		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.				 RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED		BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2	
				 DETAILED DESIGN CONSULTANT (DDC):				CHECKED & APPROVED		COUNTER SIGN			
				 PROOF CONSULTANT (PC):				NAME		SIGN		PROJECT DIRECTOR	
												K RIDE	
0 15.07.2024 GOOD FOR CONSTRUCTION				Indian Institute of Technology Madras IT P.O., Chennai 600 036 INDIA				CIVIL/GAD		SIGN			
D 29.04.2024 REVISED BY ADDING PATENT NOTE & UPDATED LIFTING POINTS								CIVIL/ALIGNMENT		NAME		CIVIL/GAD	
C 01.12.2023 REVISED AS PER GC'S COMMENTS THROUGH LETTER NO. 1053								CIVIL/STRUCTURAL		DATE		CIVIL/ALIGNMENT	
B 08.10.2023 REVISED DRAWING AS DRAWING CHANGED FROM ONE DIMENSIONAL TO TWO DIMENSIONAL AND AS PER GC'S COMMENTS								CIVIL/GEOTECH					
A 13.07.2023 FOR APPROVAL													
REV DATE BRIEF DESCRIPTION													