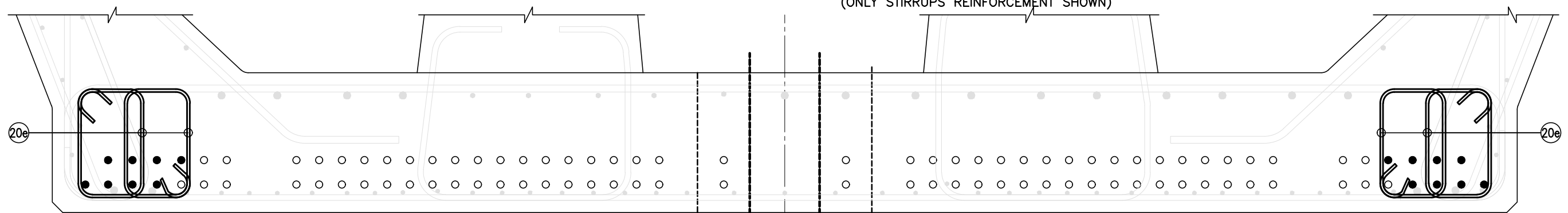
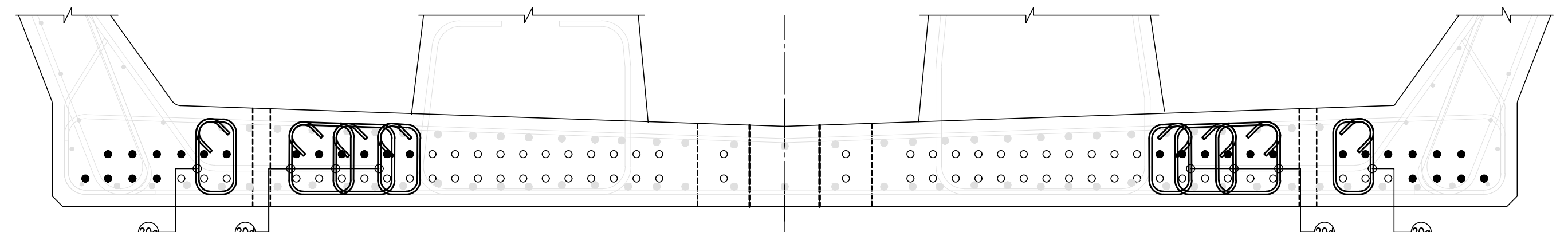


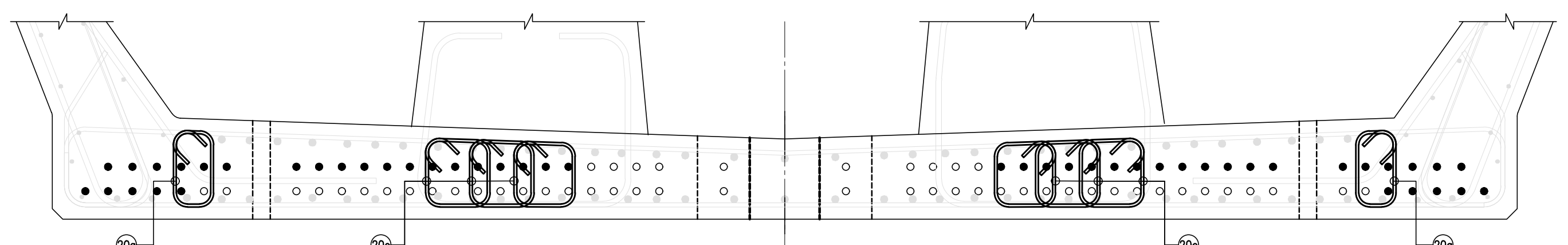
PLAN - STIRRUPS REINFORCEMENT  
(SCALE 1:25)  
(ONLY STIRRUPS REINFORCEMENT SHOWN)



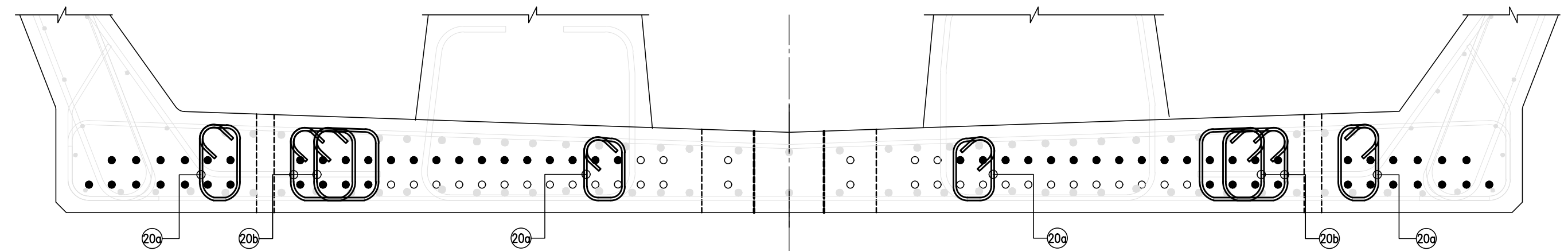
SECTION 3A-3A  
(SCALE 1:10)



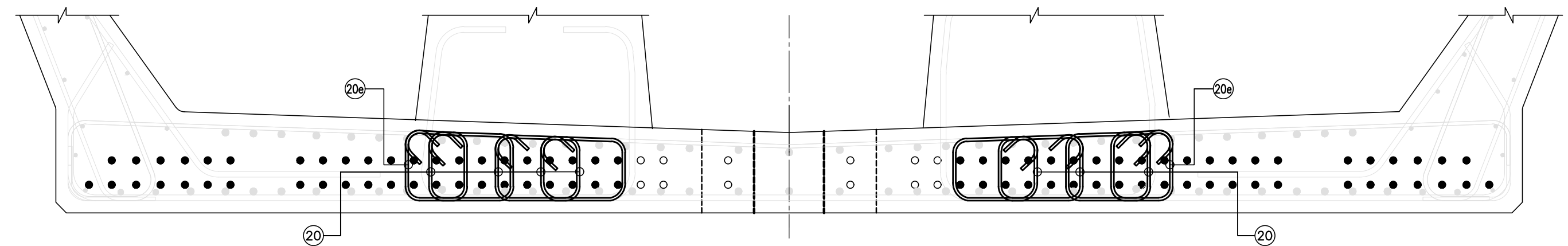
SECTION 2C-2C  
(SCALE 1:10)



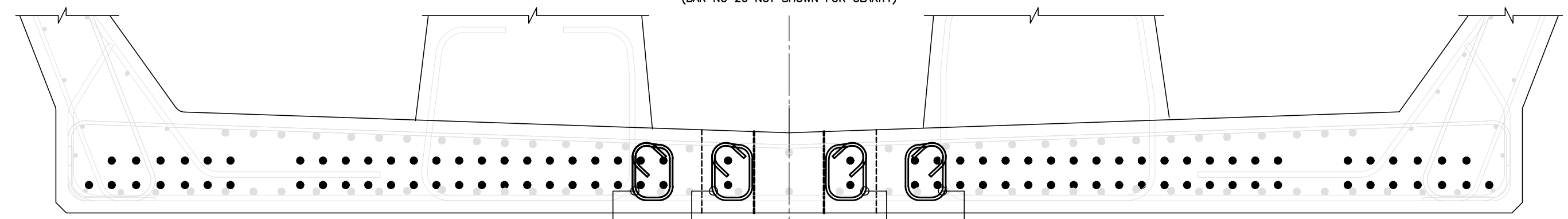
SECTION 2B-2B  
(SCALE 1:10)



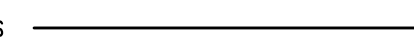
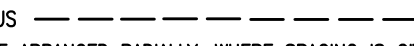
SECTION 2A-2A  
(SCALE 1:10)



SECTION 1A-1A  
(SCALE 1:10)  
(BAR NO 26 NOT SHOWN FOR CLARITY)



SECTION 4A-4A  
(SCALE 1:10)  
(BAR NO 26 NOT SHOWN FOR CLARITY)

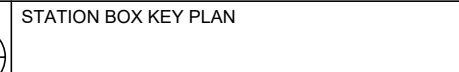

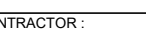


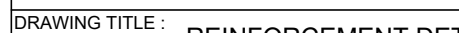
- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE MENTIONED.
  2. DIMENSIONS ARE NOT TO BE SCALED, FOLLOW ONLY WRITTEN DIMENSIONS.
  3. ALL REINFORCEMENTS SHALL BE Fe-500 CONFORMING TO IS:1786.
  4. GRADE OF CONCRETE SHALL BE M60.
  5. MINIMUM CLEAR COVER TO ANY REINFORCEMENT SHALL BE 35mm.
  6. DEVELOPMENT LENGTH REPRESENTED BY L<sub>d</sub> 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  NEAR 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.

**REFERENCE DRAWINGS:** (LATEST REVISION)

1. 022077-BSRP-CR2-C-VD-GEN-30-1058 - GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 31M CURVED SPAN SUPERSTRUCTURE (R=1252.6M)
2. 022077-BSRP-CR2-C-VD-GEN-30-1059 - GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 31M CURVED SPAN SUPERSTRUCTURE (R=1252.6M)
3. 022077-BSRP-CR2-C-VD-GEN-30-1060 - PRE TENSIONED STRAND DETAILS FOR 31M CURVED SPAN SUPERSTRUCTURE (R=1252.6M)
4. 022077-BSRP-CR2-C-VD-GEN-30-1061 - REINFORCEMENT DETAILS OF 31M CURVED SPAN SUPERSTRUCTURE (R=1252.6M) (SHEET-1 OF 2)
5. 022077-BSRP-CR2-C-VD-GEN-30-1062 - REINFORCEMENT DETAILS OF 31M CURVED SPAN SUPERSTRUCTURE (R=1252.6M) (SHEET-1 OF 2 & 2 OF 2)
6. 022077-BSRP-CR2-C-VD-GEN-30-1063 - GAUGES AND CLEARANCES - 31 M SPAN - (R=1252.6M) - 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-30-5008 - TYPICAL REINFORCEMENT DETAILS AT LIFTING HOLE LOCATION FOR U-GIRDER.
10. 022077-BSRP-CR2-C-VD-GEN-30-5021 - PLACING OF U-GIRDER AND I-GIRDER FOR CR2 & CR4.

**LICENSE:**

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

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:			
								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.												BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2			
				DETAILED DESIGN CONSULTANT (DDC):				PROOF CONSULTANT (PC):												DRAWING TITLE:			
								Indian Institute of Technology Madras IIT P.O., Chennai 600 036 INDIA												REINFORCEMENT DETAILS OF 31M CURVED SPAN SUPERSTRUCTURE (R=1252.6M)			
				SIGN				DATE				NAME				SIGN				(SHEET 2 OF 2)			
				DATE				11.07.2024				11.07.2024				11.07.2024				11.07.2024			
				NAME				ABDULLA S. VIJAYENDRA J. BHASHINWAR C.				KVM				CIVIL.STRUCTURAL				DRAWING NO.:			
				PREPARED BY				CHECKED BY				APPROVED BY				ISSUED BY				O22077-BSRP-CR2-CVD-GEN-30-1061			
				CIVIL.GAD												SIGN				REVISION			
																NAME				DWG STATUS			
																DATE				0			
																CIVIL.GAD				C			
																DESIGNATION							
																SIGN							
																DATE							
																GENERAL CONSULTANTS:							
																							
																SCALE: AS SHOWN				DATE: 11.07.2024			
																PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M)				SHEET SIZE - A			