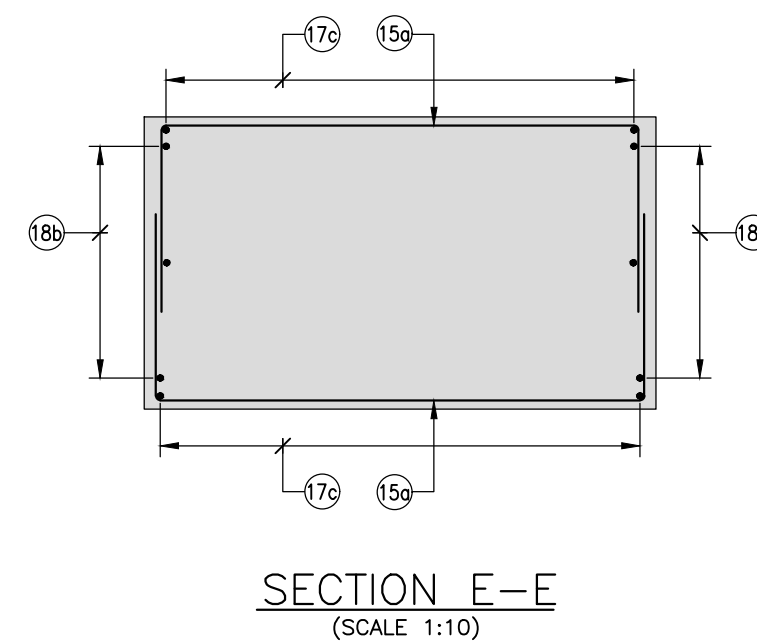
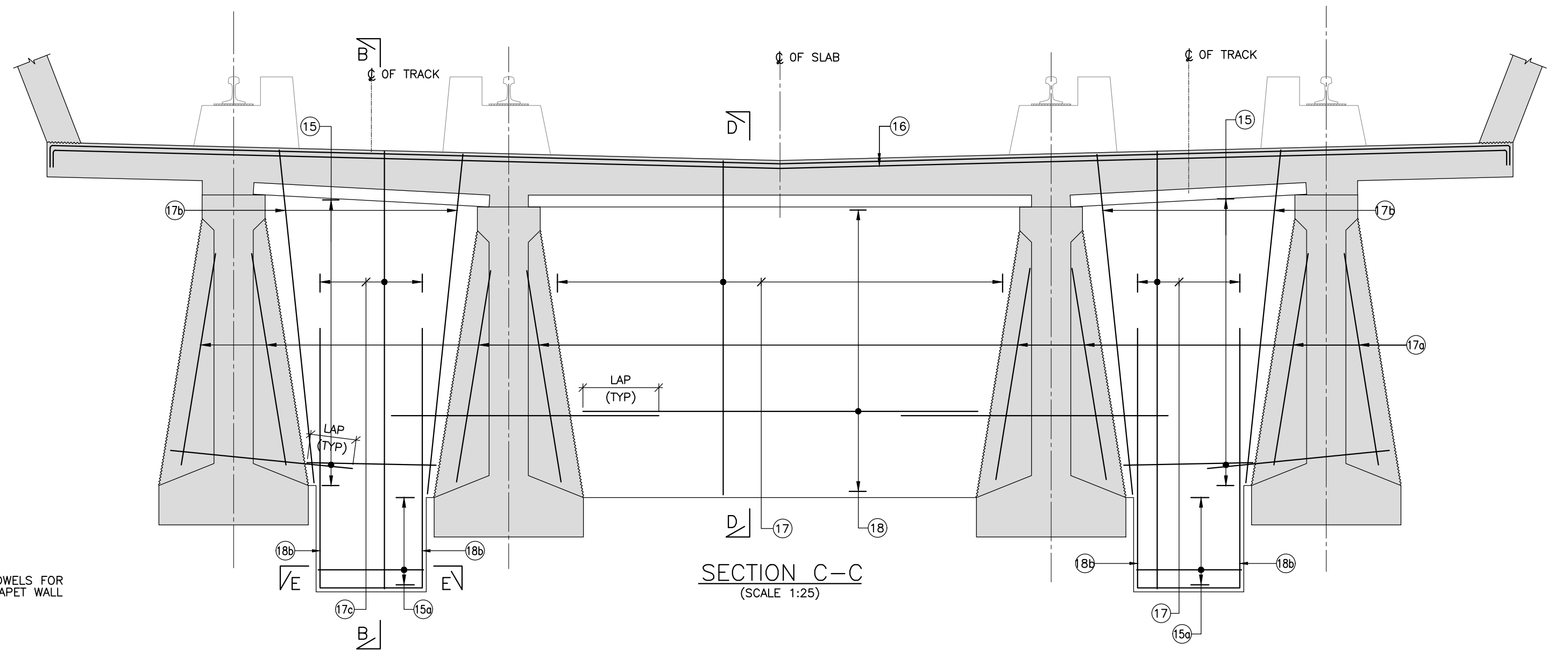


RCC PARAPET WALL DETAILS  
(SCALE 1:25)



- 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 M40.
  5. MINIMUM CLEAR COVER TO ANY REINFORCEMENT SHALL BE 40mm.
  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. DOWEL BARS FOR RAIL PLINTH, PARAPET WALL AND ONE MAST PEDESTAL SHALL BE LEFT BEFORE CONCRETING.

SCHEDULE OF REINFORCEMENT

ITEM	BAR MARK	BAR DIA.	SHAPE	TOTAL NOS./ SPACINGS	REMARKS
DECK SLAB	11	10	100	150 c/c	
	12	8	100	175 c/c	
	13	12	100	150 c/c	
	13a	12	100	150 c/c	BUNDLED WITH BAR MARK 13
	14	8	100	175 c/c	
DIAPHRAGM	15	12	LAP (TYP)	100 c/c	
	15a	12	100	100 c/c	
	16	12	100	4 Nos.	
	17	12		100 c/c	
	17a	12		2 NOS.	PER GIRDER
PARAPET	17b	12		2x4 Nos.	
	17c	12		100 c/c	
	18	12	LAP (TYP)	100 c/c	
	18a	16		2x6 Nos.	
	19	10	100	200 c/c	
	20	8	100	175 c/c	
	21	10	150	200 c/c	
	22	8	100	175 c/c	
	23	10		200 c/c	
	24	10	100	10 Nos.	

SECTION-1	
SPAN APPLICABILITY	
1	P12 - P13
2	P13 - P14
3	P14 - P15
4	P15 - P16
5	P16 - P17

NOTES :	NOTES :	LEGEND :	REFERENCE DRAWINGS :	REFERENCE DOCUMENTS :	KEY PLAN	STATION BOX KEY PLAN	EMPLOYER :
		— BEARING — JACKING POSITION — JACKING POSITION — GIRDER	1. 022077-BSRP-CR2-C-VD-GEN-10-2129...GENERAL ARRANGEMENT AND DIMENSIONAL DETAIL OF 31M SPAN SUPER STRUCTURE AT VIADUCT DOUBLE TRACK 2. 022077-BSRP-CR2-C-VD-GEN-10-2130...REINFORCEMENT DETAILS OF 31M SPAN SUPERSTRUCTURE AT VIADUCT DOUBLE TRACK 3. 022077-BSRP-CR2-C-VD-GEN-10-2131...PRE TENSIONED STRAND DETAILS FOR 31M SPAN SUPERSTRUCTURE AT VIADUCT-DOUBLE TRACK	1. 00C-BSRP-CR2-EV-DGN-GEN-10-1308			RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED
REVISIONS	CONTRACTOR :	QUALITY ASSURANCE	GENERAL CONSULTANTS	REVIEWED	PROJECT DIRECTOR	EMPLOYER :	DESIGNATION
	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	CHECKED NAME SIGN	DY. PD			NAME
	DETAILED DESIGN CONSULTANT (DDC) :	DDC	PC	SIGN			SIGN
	STUP Consultants Pvt. Ltd. J.P. & S. S. Consultants Pvt. Ltd. M/s. S. S. Consultants Pvt. Ltd. Tel: 080-2226 9900 Email: ssc@stupconsultants.com	Indian Institute of Technology Madras IIT P.O., Chennai 600 036 INDIA	SIGN				
B 07/12/23	GENERALLY REVISED		DATE	07.12.2023	07.12.2023		
A 25.10.23	FOR APPROVAL		NAME	HSB	ADR		
REV	DATE	BRIEF DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY	ISSUED BY	